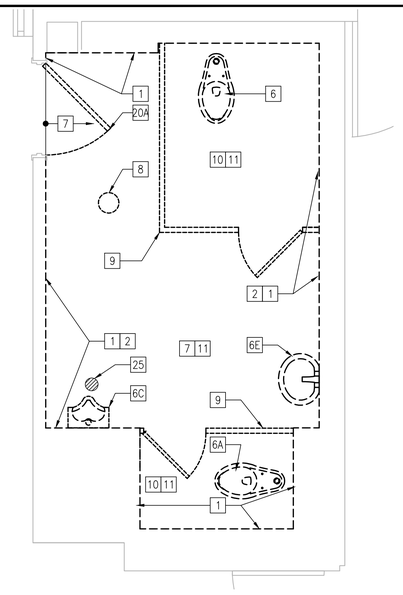
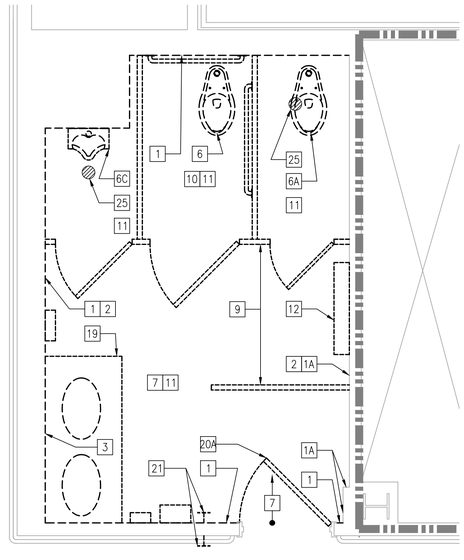


BUILDING 1 - FLOOR 'A' MEN'S TOILET ROOM A-213 DEMOLITION FLOOR PLAN

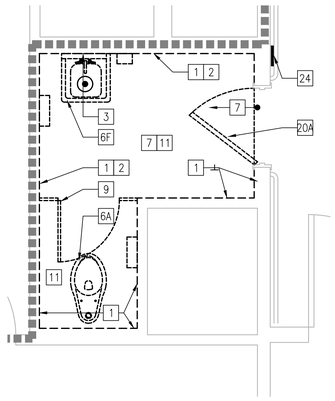
1 — 1/2"=1'-0"

NOTE:
AREA DIRECTLY BELOW IS EXISTING ELECTRICAL SHOP W/ OPEN CEILINGS



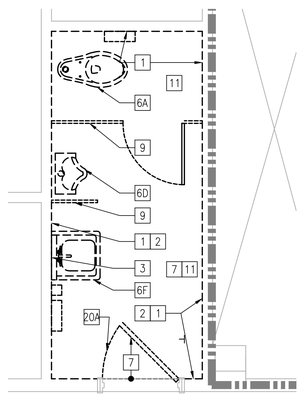
BUILDING 1 - 3rd FLOOR MEN'S TOILET ROOM 3-183 DEMOLITION FLOOR PLAN

2 — 1/2"=1'-0"



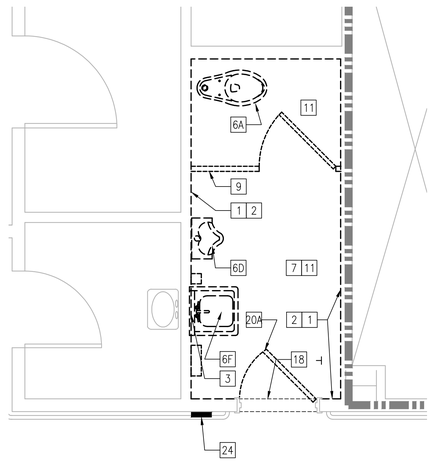
BUILDING 1 - 8th FLOOR UNISEX TOILET ROOM 8-134 DEMOLITION FLOOR PLAN

3 — 1/2"=1'-0"



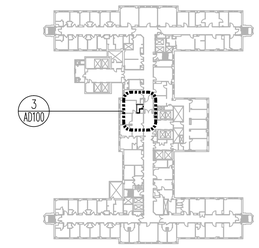
BUILDING 1 - 10th FLOOR UNISEX TOILET ROOM 10-183 DEMOLITION FLOOR PLAN

4 — 1/2"=1'-0"



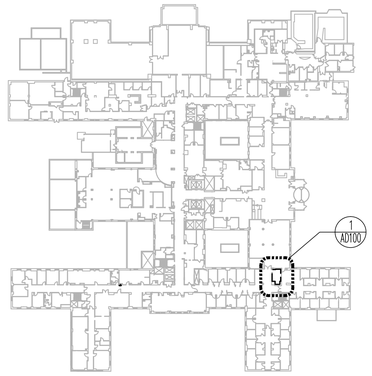
BUILDING 1 - 11th FLOOR MEN'S TOILET ROOM 11-169 DEMOLITION FLOOR PLAN

5 — 1/2"=1'-0"



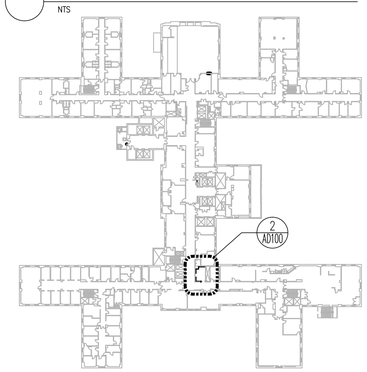
BUILDING 1 -8th FLOOR KEY PLAN

NTS



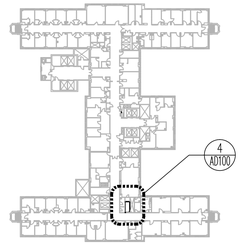
BUILDING 1- FLOOR 'A' KEY PLAN

NTS



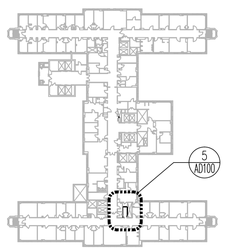
BUILDING 1- 3rd FLOOR KEY PLAN

NTS



BUILDING 1 -10th FLOOR KEY PLAN

NTS



BUILDING 1- 11th FLOOR KEY PLAN

NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL DEMOLITION NOTES

A. REFER TO SHEET GI004 FOR FLOOR PLAN LEGEND.
B. REFER TO FIRE PROTECTION SHEETS (FP SERIES) FOR DEMOLITION OF FIRE ALARM, CONNECTION AND RELIEF VALVE.
C. REFER TO MECHANICAL (M SERIES), PLUMBING (P SERIES) AND ELECTRICAL (E SERIES) SHEETS FOR REQUIRED DEMOLITION AS WELL AS EXISTING PIPING, CONDUITS, DUCTWORK ETC. TO REMAIN WITHIN AREA OF SELECTIVE DEMOLITION.
D. REFER TO FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SHEETS FOR DEMOLITION NOTES.
E. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR TYPICAL ELECTRICAL WATER COOLERS UPGRADE WORK FOR BUILDING 1: FLOORS A THROUGH 13.

[X] DEMOLITION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. REMOVE EXISTING GYPSUM WALL BOARD ON "AREA OF WORK" SIDE ONLY. REMOVE FINISHES AND RELATED ASSEMBLIES. REMOVE ALL DAMAGED METAL STUDS AND REPLACE WITH NEW STUDS.
1A. REMOVE CERAMIC TILE FINISH ONLY. EXISTING WALL BOARD SHALL REMAIN IN PLACE, SO AS NOT TO NECESSITATE PLUMBING/ELECTRICAL PIPING WITHIN EXISTING SHAFT WALL.
2. REMOVE ALL EQUIPMENT, UNIT HEATERS AND SIMILAR, POWER OUTLETS, THERMOSTATS AND OTHER ELECTRICAL POINTS ON RESPECTIVE WALLS. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFORMATION. PATCH AND REPAIR WALL FROM REMOVAL OF UNITS AND INFILL WITH STUDS AND GYPSUM BOARD.
3. REMOVE AND STORE EXISTING MIRROR. TURN OVER TO VA FOR STORAGE.
4. PREPARE NEW OPENINGS AS REQUIRED TO ACCOMMODATE FOR NEW PROPOSED DOORS AND FRAMES. PATCH AND REPAIR ADJACENT WALL, FLOORS, AND CEILINGS TO MATCH ADJACENT.
5. REMOVE EXISTING WALL IN ITS ENTIRETY INCLUDING ALL ASSOCIATED ASSEMBLIES. CAP ALL UTILITIES BELOW FINISH FLOOR OR BEHIND EXISTING WALLS. PATCH AND REPAIR EXISTING FLOORING. REFER TO PLUMBING DRAWINGS.
6. REMOVE EXISTING PLUMBING FIXTURES, SHOWER HEADS AND SHOWER FLOOR DRAINS AND RELATED HARDWARE. INFILL OPENINGS WHERE FIXTURES ARE TO BE REMOVED IN THEIR ENTIRETY, PATCH AND REPAIR ALL FLOORING TO MATCH NEW FLOORING. REFER TO PLUMBING DRAWING FOR ADDITIONAL INFORMATION.
6A. REMOVE EXISTING WATER CLOSET. PREPARE TO RECEIVE NEW IN SAME LOCATION.
6B. REMOVE EXISTING WATER CLOSET. PIPING TO BE REROUTED FOR MODIFIED LOCATION OF WATER CLOSET.
6C. REMOVE EXISTING URINAL. NEW WATER CLOSET TO BE INSTALLED. MODIFY PIPING AS REQUIRED FOR NEW WATER CLOSET.
6D. REMOVE EXISTING URINAL. NEW URINAL TO BE INSTALLED IN SAME LOCATION. MODIFY PIPING AS REQUIRED.
6E. REMOVE EXISTING LAVATORY. MODIFY PIPING AS REQUIRED FOR NEW LOCATION.
6F. REMOVE EXISTING LAVATORY. PREPARE TO RECEIVE NEW IN SAME LOCATION.
7. REMOVE EXISTING FINISH FLOORING THROUGHOUT ROOM. PREPARE SUBFLOOR AS REQUIRED TO RECEIVE NEW FLOOR FINISH. PROTECT EXISTING CLEANOUTS AND FLOOR DRAINS THAT ARE TO REMAIN AND REPLACE COVERS AS INDICATED. REFER TO PLUMBING DRAWINGS.
8. REMOVE AND REPLACE EXISTING FLOOR DRAIN/ CLEAN OUT COVER TO MATCH EXISTING. REFER TO PLUMBING DRAWINGS.
9. REMOVE EXISTING TOILET PARTITIONS AND RELATED HARDWARE.
10. REMOVE EXISTING GRAB BARS AND RELATED HARDWARE.
11. REMOVE AND STORE EXISTING TOILET ACCESSORIES PER VA SPECIFICATION.
12. REMOVE AND STORE EXISTING CHANGING STATION PER VA SPECIFICATION. PATCH WALL.
13. REMOVE AND STORE EXISTING STORAGE EQUIPMENT PER VA SPECIFICATION.
14. REMOVE FINISH ON EXISTING WINDOW SILL. PREPARE TO RECEIVE NEW FINISH.
15. REMOVE EXISTING MECHANICAL UNIT, REFER TO MECHANICAL DRAWINGS.
16. REMOVE EXISTING ELECTRIC WATER COOLER AND CAP ALL UTILITIES. PATCH AND REPAIR WALL TO MATCH EXISTING WALL / FLOOR BASE CONDITIONS AND FINISHES. INFILL OPENING IN WALL WITH METAL STUDS AND NEW GYPSUM BOARD. REFER TO PLUMBING DRAWINGS.
17. REMOVE EXISTING ELECTRIC WATER COOLER AND REPLACE WITH NEW ADA BI-LEVEL ELECTRIC WATER COOLER. PATCH WALLS / FLOOR BASE TO MATCH EXISTING. REFER TO PLUMBING DRAWINGS.
18. REMOVE EXISTING STONE THRESHOLD IN ITS ENTIRETY. PREPARE FLOOR TO RECEIVE NEW FINISHES.
19. REMOVE EXISTING COUNTERTOP AND PLUMBING FIXTURES IN THEIR ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED TO RECEIVE NEW FINISHES.
20. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. PREPARE OPENING TO RECEIVE NEW DOOR, FRAME AND HARDWARE.
20A. REMOVE EXISTING DOOR AND HARDWARE. EXISTING FRAME SHALL BE PATCHED WITH 'BONDO METAL FILLER', SANDED, AND PRIMED. PREPARE TO RECEIVE NEW PAINT FINISH AND NEW HARDWARE.
21. REPLACE EXISTING PUSH PLATE DEVICE WITH NEW. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
22. REMOVE EXISTING HANDRAIL. REPLACE HANDRAIL WITH NEW TO MATCH EXISTING, REUSE EXISTING WALL SUPPORTS FOR INSTALLATION OF NEW RAIL.
23. EXISTING DOUBLE SASH STORM WINDOW AND FRAME TO BE REMOVED AND REPLACED WITH NEW TO FIT IN NEW CLEAR OPENING.
24. EXISTING WALL MOUNTED SIGN TO BE REMOVED. PATCH AND PREPARE WALL AS REQUIRED TO RECEIVE NEW WALL MOUNTED SIGNAGE.
25. REMOVE AND REPLACE SPANDREL PANEL ON EXISTING EXTERIOR WINDOW. COLOR OF NEW SPANDREL TO MATCH EXISTING BUILDING STANDARD.

VA CONTRACT NO. 36C242-18-C-0004

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 1- FLOORS 'A', 3, 8, 10, 11 DEMOLITION FLOOR PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date	Checked	Drawn
01/13/20	PB	JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: AD100

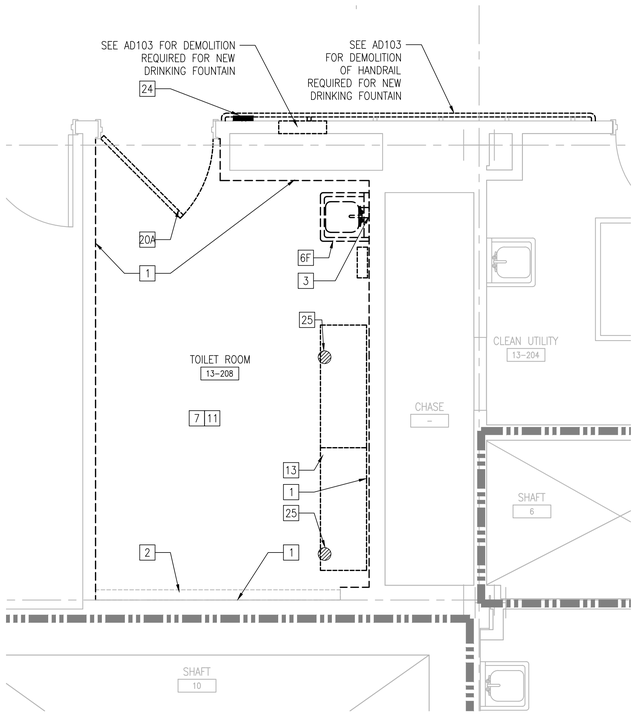
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

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1

BUILDING 1 - 13th FLOOR STORAGE ROOM 13-208 DEMOLITION FLOOR PLAN

1/2"=1'-0"

0 1' 2' 4'

FIRE BARRIER LEGEND

FIRE BARRIER (1 HR.)

FIRE BARRIER (2 HR.)

SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

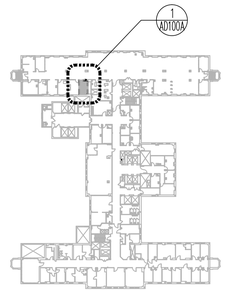
GENERAL DEMOLITION NOTES

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[X] DEMOLITION KEY NOTES

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BUILDING 1- 13th FLOOR KEY PLAN

NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 1- FLOOR 13 DEMOLITION FLOOR PLAN

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date	Checked	Drawn
01/13/20	PB	JVJ

Project Number: 561-14-106

Building Number: 1

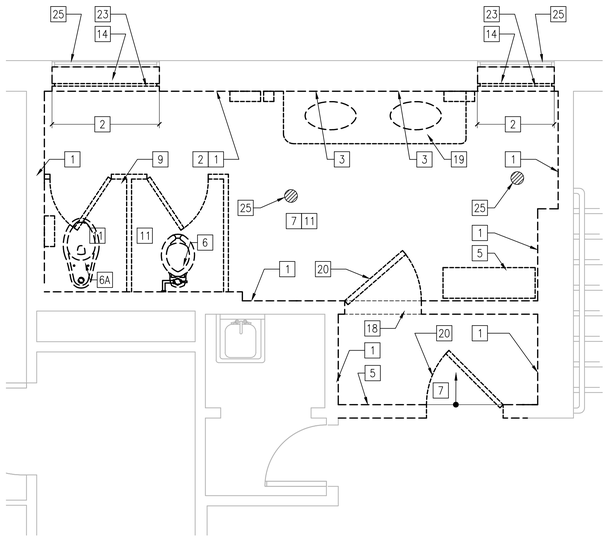
Drawing Number: AD100A

Office of Construction and Facilities Management

VA Department of Veterans Affairs

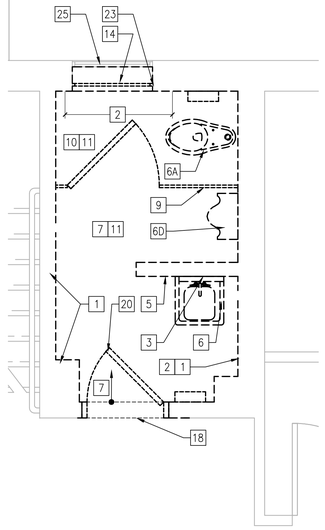
VA FORM 08-6231

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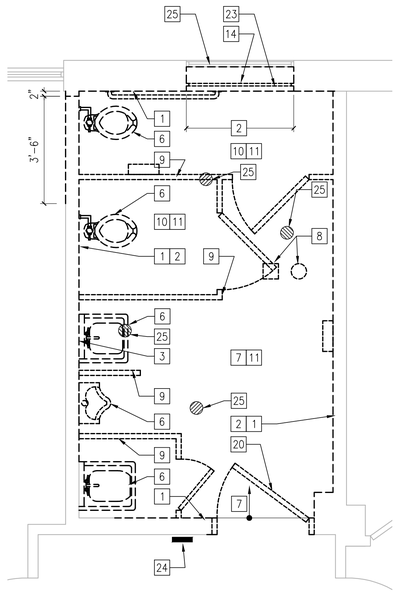
BUILDING 5 - 1st FLOOR WOMEN'S TOILET ROOM 5-1-106 DEMOLITION FLOOR PLAN

1/2"=1'-0"



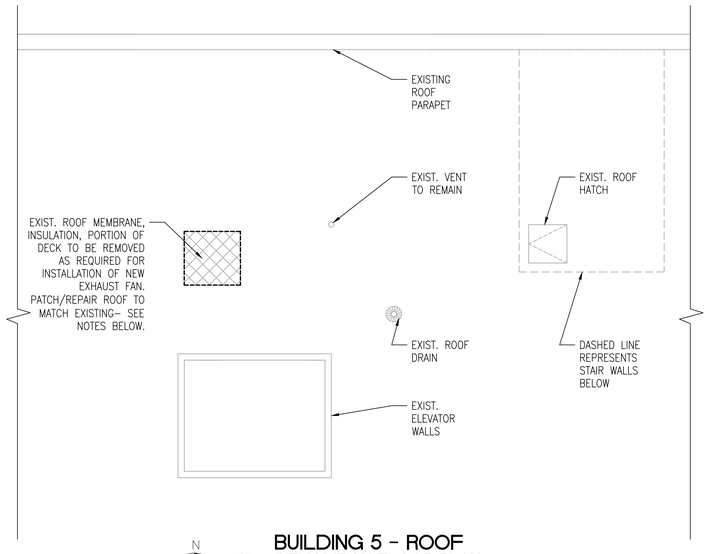
BUILDING 5 - 1st FLOOR MEN'S TOILET ROOM 5-1-105 DEMOLITION FLOOR PLAN

1/2"=1'-0"



BUILDING 5 - 2nd FLOOR UNISEX TOILET ROOM 5-2-105 DEMOLITION FLOOR PLAN

1/2"=1'-0"



BUILDING 5 - ROOF DEMOLITION FLOOR PLAN

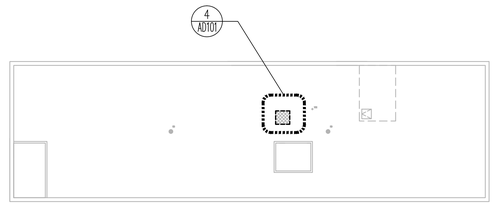
1/4"=1'-0"

EXISTING ROOF CONSTRUCTION:

EPDM SINGLE PLY, SMOOTH WHITE MEMBRANE OVER 1" POLYISOCYANURATE INSULATION, MECHANICALLY ATTACHED, OVER 2" POLYISOCYANURATE INSULATION, HOT ADHERED, OVER ORGANIC FELT VAPOR BARRIER OVER CONCRETE DECK.

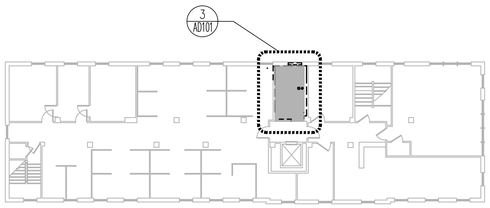
ALL DEMOLITION AND NEW CURB INSTALLATION WORK SHALL BE COMPLETED IN THE SAME WORK DAY SUCH THAT A WATERTIGHT CAPPED ROOF CURB WILL BE READY FOR THE EXHAUST FAN INSTALLATION.

EXISTING ROOF IS NOT UNDER WARRANTY. ALL WORK SHALL COMPLY WITH THE INSTALLATION RECOMMENDATIONS OF THE MEMBRANE MANUFACTURER OF THE PRODUCT BEING USED AS WELL AS ALL APPLICABLE NRCA RECOMMENDED DETAILS.



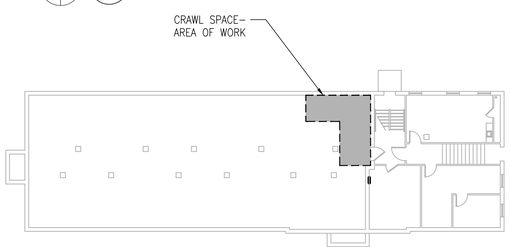
BUILDING 5 - ROOF KEY PLAN

NTS



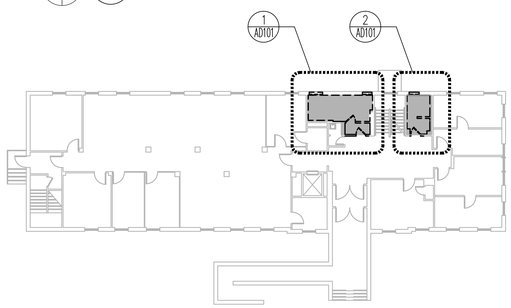
BUILDING 5 - 2nd FLOOR KEY PLAN

NTS



BUILDING 5 - BASEMENT KEY PLAN

NTS



BUILDING 5 - 1ST FLOOR KEY PLAN

NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL DEMOLITION NOTES

A. REFER TO SHEET G1004 FOR FLOOR PLAN LEGEND.
B. REFER TO FIRE PROTECTION SHEETS (FP SERIES) FOR DEMOLITION OF FIRE ALARM, CONNECTION AND RELIEF VALVE.
C. REFER TO MECHANICAL (M SERIES), PLUMBING (P SERIES) AND ELECTRICAL (E SERIES) SHEETS FOR REQUIRED DEMOLITION AS WELL AS EXISTING PIPING, CONDUITS, DUCTWORK ETC. TO REMAIN WITHIN AREA OF SELECTIVE DEMOLITION.
D. REFER TO FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SHEETS FOR DEMOLITION NOTES.
E. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR TYPICAL ELECTRICAL WATER COOLERS UPGRADE WORK FOR BUILDING 1: FLOORS A THROUGH 13.

[X] DEMOLITION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. REMOVE EXISTING GYPSUM WALL BOARD ON "AREA OF WORK" SIDE ONLY. REMOVE FINISHES AND RELATED ASSEMBLIES. REMOVE ALL DAMAGED METAL STUDS AND REPLACE WITH NEW STUDS.
1A. REMOVE CERAMIC TILE FINISH ONLY. EXISTING WALL BOARD SHALL REMAIN IN PLACE, SO AS NOT TO NECESSITATE PLUMBING/ELECTRICAL PIPING WITHIN EXISTING SHAFT WALL.
2. REMOVE ALL EQUIPMENT, UNIT HEATERS AND SIMILAR, POWER OUTLETS, THERMOSTATS AND OTHER ELECTRICAL POINTS ON RESPECTIVE WALLS. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR MORE INFORMATION. PATCH AND REPAIR WALL FROM REMOVAL OF UNITS AND INFILL WITH STUDS AND GYPSUM BOARD.
3. REMOVE AND STORE EXISTING MIRROR. TURN OVER TO VA FOR STORAGE.
4. PREPARE NEW OPENINGS AS REQUIRED TO ACCOMMODATE FOR NEW PROPOSED DOORS AND FRAMES. PATCH AND REPAIR ADJACENT WALL, FLOORS, AND CEILINGS TO MATCH ADJACENT.
5. REMOVE EXISTING WALL IN ITS ENTIRETY INCLUDING ALL ASSOCIATED ASSEMBLIES. CAP ALL UTILITIES BELOW FINISH FLOOR OR BEHIND EXISTING WALLS. PATCH AND REPAIR EXISTING FLOORING. REFER TO PLUMBING DRAWINGS.
6. REMOVE EXISTING PLUMBING FIXTURES, SHOWER HEADS AND SHOWER FLOOR DRAINS AND RELATED HARDWARE. INFILL OPENINGS WHERE FIXTURES ARE TO BE REMOVED IN THEIR ENTIRETY, PATCH AND REPAIR ALL FLOORING TO MATCH NEW FLOORING. REFER TO PLUMBING DRAWING FOR ADDITIONAL INFORMATION.
6A. REMOVE EXISTING WATER CLOSET. PREPARE TO RECEIVE NEW IN SAME LOCATION.
6B. REMOVE EXISTING WATER CLOSET. PIPING TO BE REROUTED FOR MODIFIED LOCATION OF WATER CLOSET.
6C. REMOVE EXISTING URINAL. NEW WATER CLOSET TO BE INSTALLED. MODIFY PIPING AS REQUIRED FOR NEW WATER CLOSET.
6D. REMOVE EXISTING URINAL. NEW URINAL TO BE INSTALLED IN SAME LOCATION. MODIFY PIPING AS REQUIRED.
6E. REMOVE EXISTING LAVATORY. MODIFY PIPING AS REQUIRED FOR NEW LOCATION.
6F. REMOVE EXISTING LAVATORY. PREPARE TO RECEIVE NEW IN SAME LOCATION.
7. REMOVE EXISTING FINISH FLOORING THROUGHOUT ROOM. PREPARE SUBFLOOR AS REQUIRED TO RECEIVE NEW FLOOR FINISH. PROTECT EXISTING CLEANOUTS AND FLOOR DRAINS THAT ARE TO REMAIN AND REPLACE COVERS AS INDICATED. REFER TO PLUMBING DRAWINGS.
8. REMOVE AND REPLACE EXISTING FLOOR DRAIN/ CLEAN OUT COVER TO MATCH EXISTING. REFER TO PLUMBING DRAWINGS.
9. REMOVE EXISTING TOILET PARTITIONS AND RELATED HARDWARE.
10. REMOVE EXISTING GRAB BARS AND RELATED HARDWARE.
11. REMOVE AND STORE EXISTING TOILET ACCESSORIES PER VA SPECIFICATION.
12. REMOVE AND STORE EXISTING CHANGING STATION PER VA SPECIFICATION. PATCH WALL.
13. REMOVE AND STORE EXISTING STORAGE EQUIPMENT PER VA SPECIFICATION.
14. REMOVE FINISH ON EXISTING WINDOW SILL. PREPARE TO RECEIVE NEW FINISH.
15. REMOVE EXISTING MECHANICAL UNIT, REFER TO MECHANICAL DRAWINGS.
16. REMOVE EXISTING ELECTRIC WATER COOLER AND CAP ALL UTILITIES. PATCH AND REPAIR WALL TO MATCH EXISTING WALL / FLOOR BASE CONDITIONS AND FINISHES. INFILL OPENING IN WALL WITH METAL STUDS AND NEW GYPSUM BOARD. REFER TO PLUMBING DRAWINGS.
17. REMOVE EXISTING ELECTRIC WATER COOLER AND REPLACE WITH NEW ADA BI-LEVEL ELECTRIC WATER COOLER. PATCH WALLS / FLOOR BASE TO MATCH EXISTING. REFER TO PLUMBING DRAWINGS.
18. REMOVE EXISTING STONE THRESHOLD IN ITS ENTIRETY. PREPARE FLOOR TO RECEIVE NEW FINISHES.
19. REMOVE EXISTING COUNTERTOP AND PLUMBING FIXTURES IN THEIR ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED TO RECEIVE NEW FINISHES.
20. REMOVE EXISTING DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. PREPARE OPENING TO RECEIVE NEW DOOR, FRAME AND HARDWARE.
20A. REMOVE EXISTING DOOR AND HARDWARE. EXISTING FRAME SHALL BE PATCHED WITH 'BONDO METAL FILLER', SANDED, AND PRIMED. PREPARE TO RECEIVE NEW PAINT FINISH AND NEW HARDWARE.
21. REPLACE EXISTING PUSH PLATE DEVICE WITH NEW. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
22. REMOVE EXISTING HANDRAIL. REPLACE HANDRAIL WITH NEW TO MATCH EXISTING, REUSE EXISTING WALL SUPPORTS FOR INSTALLATION OF NEW RAIL.
23. EXISTING DOUBLE SASH STORM WINDOW AND FRAME TO BE REMOVED AND REPLACED WITH NEW TO FIT IN NEW CLEAR OPENING.
24. EXISTING WALL MOUNTED SIGN TO BE REMOVED. PATCH AND PREPARE WALL AS REQUIRED TO RECEIVE NEW WALL MOUNTED SIGNAGE.
25. REMOVE AND REPLACE SPANDREL PANEL ON EXISTING EXTERIOR WINDOW. COLOR OF NEW SPANDREL TO MATCH EXISTING BUILDING STANDARD.

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:
BANCROFT ARCHITECTS + ENGINEERS
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700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 5- FLOORS 1, 2 DEMOLITION FLOOR PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: JJ/JC

Project Number: 561-14-106

Building Number: 5

Drawing Number: AD101

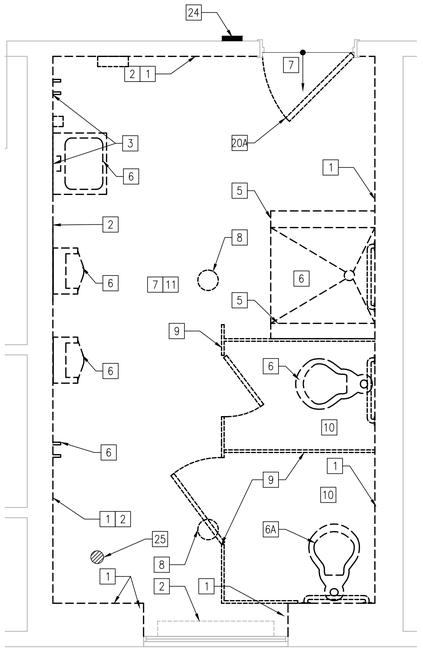
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

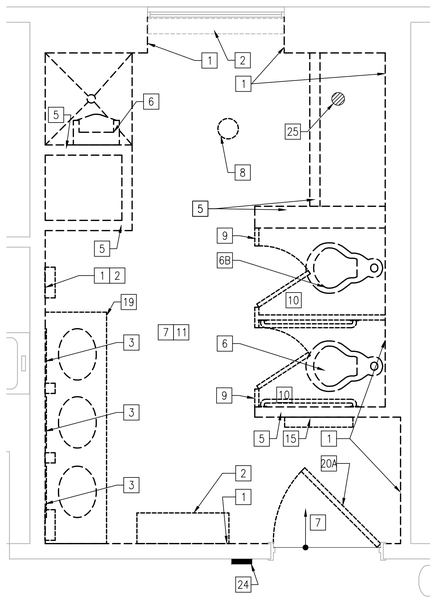
100% CONSTRUCTION DOCUMENTS FOR BID

three inches = one foot | one and one half inches = one foot | one inch = one foot | three quarters inch = one foot | one half inch = one foot | three eighths inch = one foot | one quarter inch = one foot | one eighth inch = one foot
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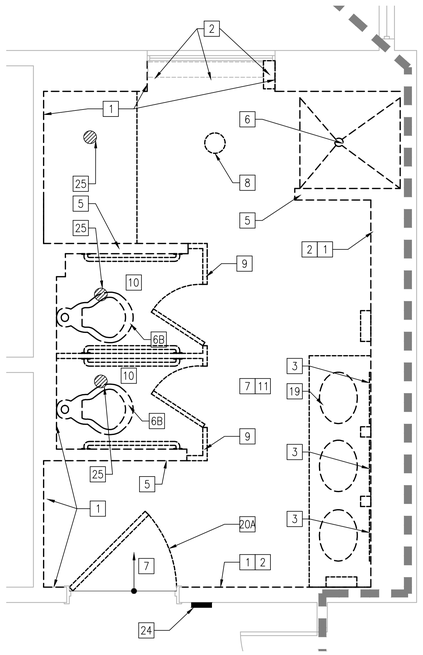
BUILDING 18 - 1st FLOOR
MEN'S TOILET ROOM 18-118
DEMOLITION FLOOR PLAN

1/2"=1'-0"



BUILDING 18 - 1st FLOOR
MEN'S TOILET ROOM 18-144
DEMOLITION FLOOR PLAN

1/2"=1'-0"



BUILDING 18 - 1st FLOOR
WOMEN'S TOILET ROOM 18-157
DEMOLITION FLOOR PLAN

1/2"=1'-0"

NOTE:
BUILDING 18, FLOOR 1 CONSTRUCTION IS SLAB-ON-GRADE.

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

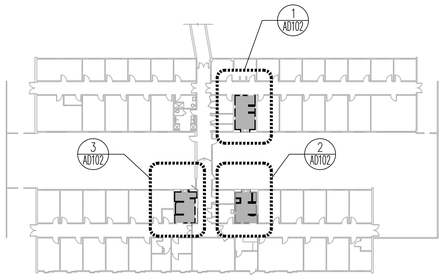
GENERAL DEMOLITION NOTES

A. REFER TO SHEET G1004 FOR FLOOR PLAN LEGEND.
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NOT ALL NOTES APPLY TO EVERY DRAWING.

1. REMOVE EXISTING GYPSUM WALL BOARD ON "AREA OF WORK" SIDE ONLY. REMOVE FINISHES AND RELATED ASSEMBLIES. REMOVE ALL DAMAGED METAL STUDS AND REPLACE WITH NEW STUDS.
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25. REMOVE AND REPLACE SPANDREL PANEL ON EXISTING EXTERIOR WINDOW. COLOR OF NEW SPANDREL TO MATCH EXISTING BUILDING STANDARD.



KEY PLAN - BUILDING 18- 1ST FLOOR
NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 18 - FLOOR 1 DEMOLITION FLOOR PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: JJ/JC

Project Number: 561-14-106

Building Number:

Drawing Number: AD102

Office of Construction and Facilities Management

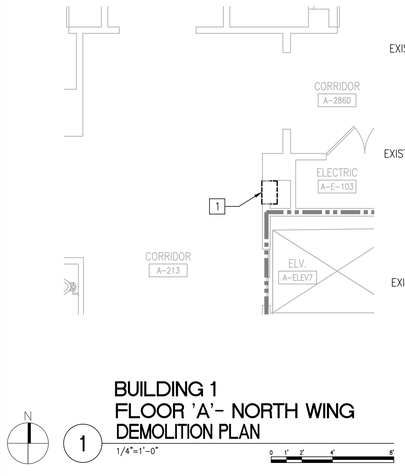
VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

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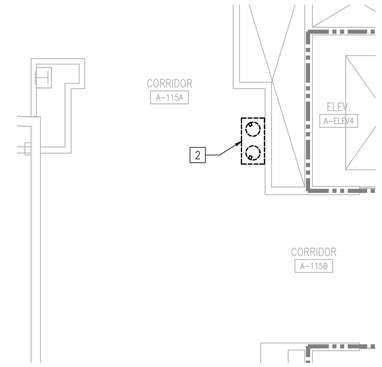
one eighth inch = one foot | one quarter inch = one foot | three eighths inch = one foot | one half inch = one foot | three quarters inch = one foot | one inch = one foot | one and one half inches = one foot | three inches = one foot





BUILDING 1
FLOOR 'A'- NORTH WING
DEMOLITION PLAN
1/4"=1'-0"

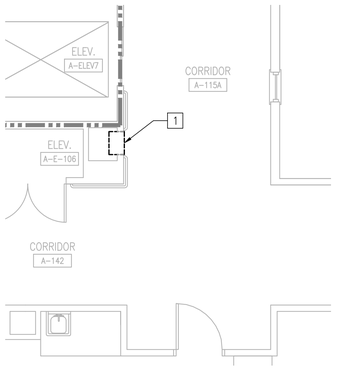
BUILDING 1
FLOOR 'A'- NORTH WING
PHOTO- EXISTING CONDITIONS
NTS

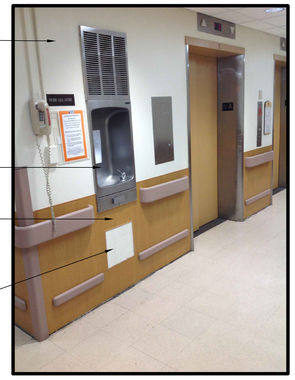




BUILDING 1
FLOOR 'A'- CORE WING
DEMOLITION PLAN
1/4"=1'-0"

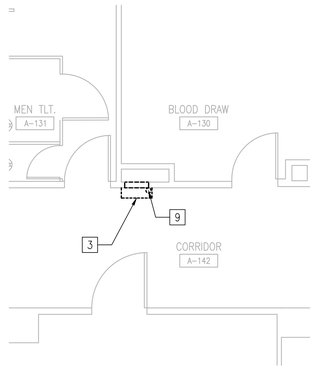
BUILDING 1
FLOOR 'A'- CORE WING
PHOTO- EXISTING CONDITIONS
NTS





BUILDING 1
FLOOR 'A'- SOUTH WING
DEMOLITION PLAN
1/4"=1'-0"

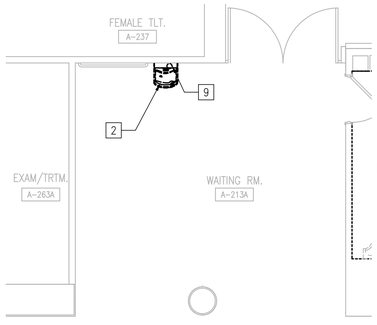
BUILDING 1
FLOOR 'A'- SOUTH WING
PHOTO- EXISTING CONDITIONS
NTS



BUILDING 1
FLOOR 'A'- BLOOD DRAW
DEMOLITION PLAN
1/4"=1'-0"



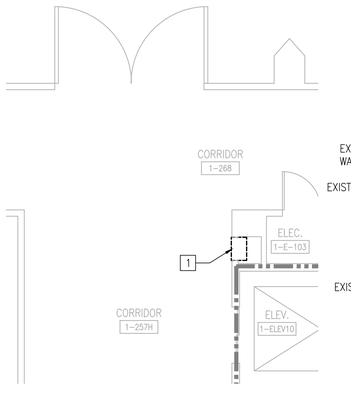
BUILDING 1
FLOOR 'A'- BLOOD DRAW
PHOTO- EXISTING CONDITIONS
NTS



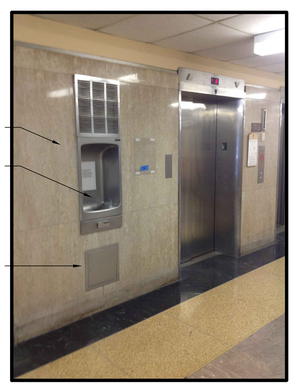


BUILDING 1
FLOOR 'A'- WAITING A-213A
DEMOLITION PLAN
1/4"=1'-0"

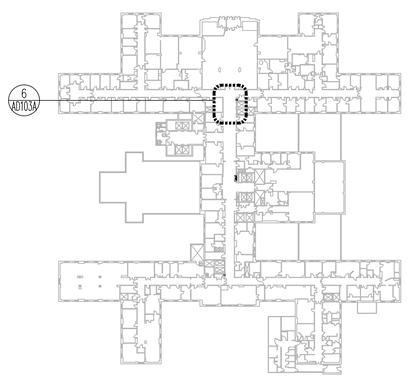
BUILDING 1
FLOOR 'A'- WAITING A-213A
PHOTO- EXISTING CONDITIONS
NTS



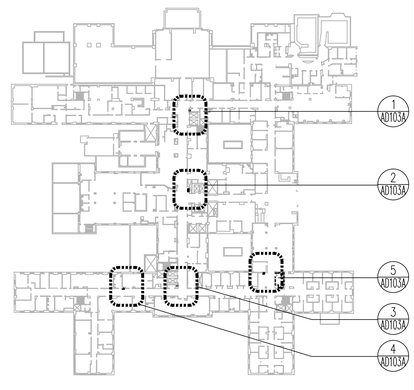
BUILDING 1
1ST FLOOR - NORTH WING
DEMOLITION PLAN
1/4"=1'-0"



BUILDING 1
1ST FLOOR- NORTH WING
PHOTO- EXISTING CONDITIONS
NTS



BUILDING 1- 1ST FLOOR
KEY PLAN
NTS



BUILDING 1- FLOOR 'A'
KEY PLAN
NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL DEMOLITION NOTES

A. REFER TO SHEET GI004 FOR FLOOR PLAN LEGEND.
B. REFER TO FIRE PROTECTION SHEETS (FP SERIES) FOR DEMOLITION OF FIRE ALARM, CONNECTION AND RELIEF VALVE.
C. REFER TO MECHANICAL (M SERIES), PLUMBING (P SERIES) AND ELECTRICAL (E SERIES) SHEETS FOR REQUIRED DEMOLITION AS WELL AS EXISTING PIPING, CONDUITS, DUCTWORK ETC. TO REMAIN WITHIN AREA OF SELECTIVE DEMOLITION.
D. REFER TO FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SHEETS FOR DEMOLITION NOTES.
E. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR TYPICAL EWC UPGRADE WORK FOR BUILDING 1 – FLOORS A-13

[X] DEMOLITION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. REMOVE EXISTING DRINKING FOUNTAIN IN ITS ENTIRETY. REFER TO PLUMBING DRAWINGS FOR COMPLETE INFORMATION FOR EXTENT OF PIPING DEMOLITION. EXISTING OPENING TO BE INFILLED (INCLUDING BLOCKING) TO MATCH EXISTING WALL CONSTRUCTION. PATCH/ PREPARE WALL TO RECEIVE NEW FINISH TO MATCH SURROUNDING WALL FINISH.
2. REMOVE EXISTING DRINKING FOUNTAIN. PREPARE TO RECEIVE NEW DRINKING FOUNTAIN. REFER TO PLUMBING DRAWINGS FOR COMPLETE INFORMATION FOR EXTENT OF PIPING DEMOLITION. PATCH/ PREPARE WALL TO RECEIVE NEW FINISH TO MATCH SURROUNDING WALL FINISH.
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4. (NOT USED).
5. (NOT USED).
6. REMOVE EXISTING ACCESS PANELS AND EXISTING STONE PANELS IN THEIR ENTIRETY. AREA WHERE STONE PANELS LOCATED TO RECEIVE NEW SOLID SURFACE PANELS. ALL WALL MOUNTED ITEMS ON EXISTING STONE PANELS TO BE REMOVED, STORED AND REINSTALL UPON INSTALLATION OF NEW SOLID SURFACE PANELS.
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9. REMOVE EXISTING CUP DISPENSER. STORE AND REINSTALL ON WALL NEXT TO NEW DRINKING FOUNTAIN.

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
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Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com
700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 1 - FLOORS 'A', 1 EWC DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: AD103A

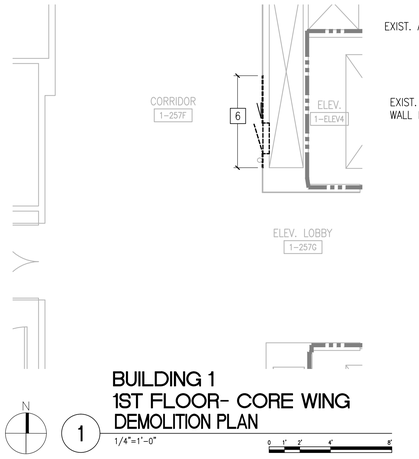
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

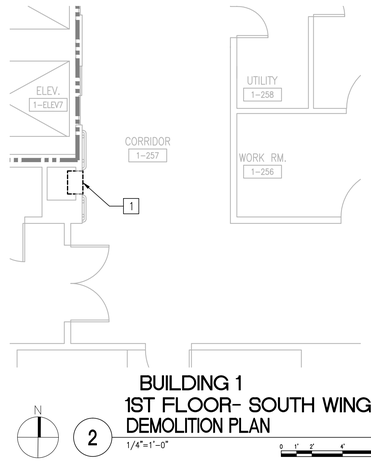
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three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
three inches = one foot
three eighths inch = one foot
one quarter inch = one foot
one half inch = one foot
one eighth inch = one foot



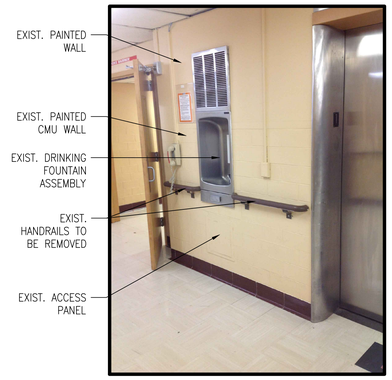
BUILDING 1
1ST FLOOR- CORE WING
DEMOLITION PLAN
1 1/4"=1'-0"



BUILDING 1
1ST FLOOR- CORE WING
PHOTO
1A 1/4"=1'-0"



BUILDING 1
1ST FLOOR- SOUTH WING
DEMOLITION PLAN
2 1/4"=1'-0"



BUILDING 1
1ST FLOOR SOUTH WING
PHOTO
2A 1/4"=1'-0"

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

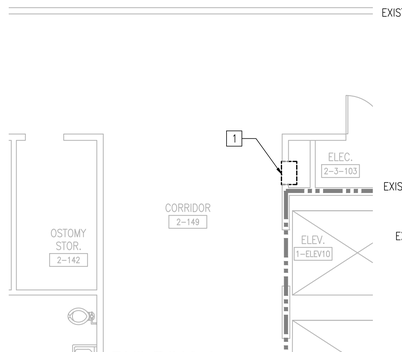
GENERAL DEMOLITION NOTES

A. REFER TO SHEET GI004 FOR FLOOR PLAN LEGEND.
B. REFER TO FIRE PROTECTION SHEETS (FP SERIES) FOR DEMOLITION OF FIRE ALARM, CONNECTION AND RELIEF VALVE.
C. REFER TO MECHANICAL (M SERIES), PLUMBING (P SERIES) AND ELECTRICAL (E SERIES) SHEETS FOR REQUIRED DEMOLITION AS WELL AS EXISTING PIPING, CONDUITS, DUCTWORK ETC. TO REMAIN WITHIN AREA OF SELECTIVE DEMOLITION.
D. REFER TO FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SHEETS FOR DEMOLITION NOTES.
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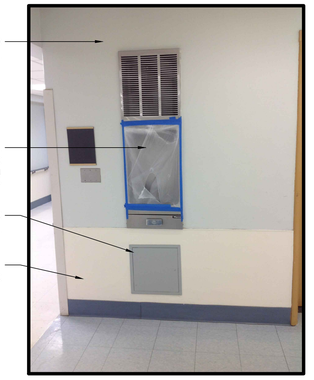
[X] DEMOLITION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

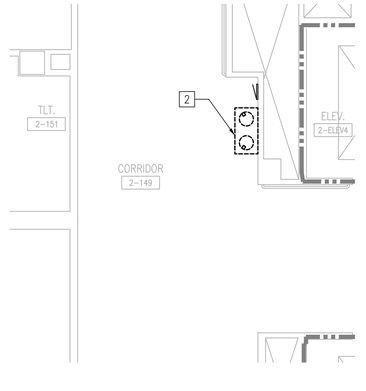
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BUILDING 1
2ND FLOOR- NORTH WING
DEMOLITION PLAN
3 1/4"=1'-0"



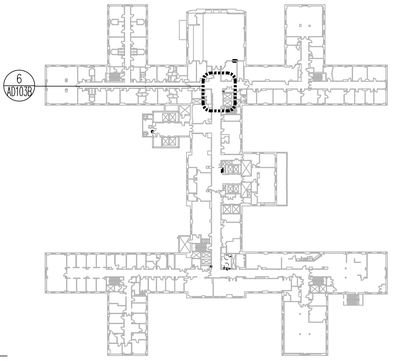
BUILDING 1
2ND FLOOR- NORTH WING
PHOTO
3A 1/4"=1'-0"



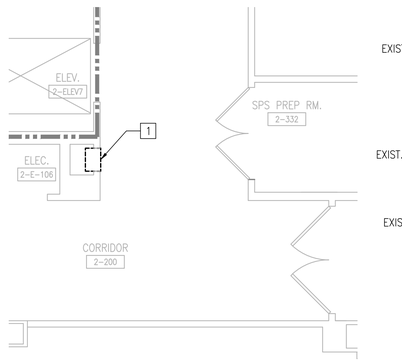
BUILDING 1
2ND FLOOR- CORE WING
DEMOLITION PLAN
4 1/4"=1'-0"



BUILDING 1
2ND FLOOR- CORE WING
PHOTO
4A 1/4"=1'-0"



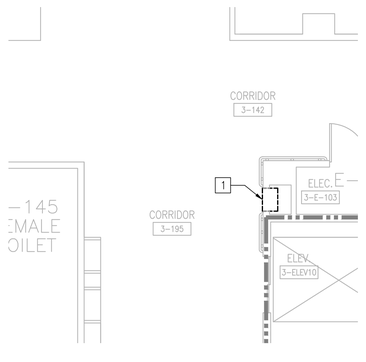
BUILDING 1- 3RD FLOOR
KEY PLAN
NTS



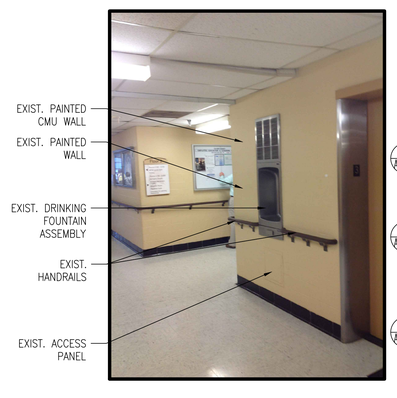
BUILDING 1
2ND FLOOR- SOUTH WING
DEMOLITION PLAN
5 1/4"=1'-0"



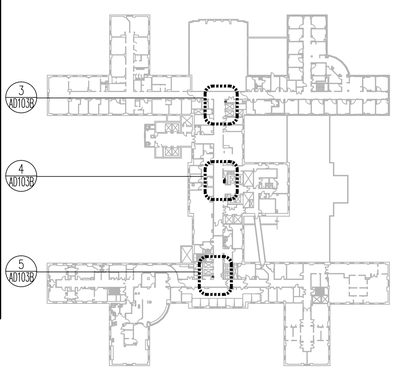
BUILDING 1
2ND FLOOR- SOUTH WING
PHOTO
5A 1/4"=1'-0"



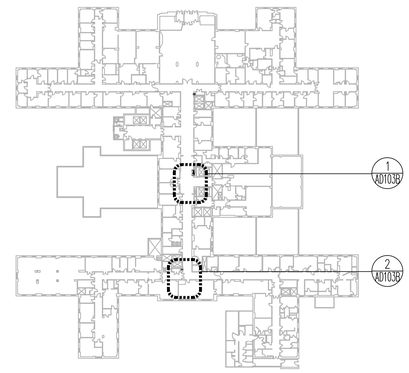
BUILDING 1
3RD FLOOR- NORTH WING
DEMOLITION PLAN
6 1/4"=1'-0"



BUILDING 1
3RD FLOOR- NORTH WING
PHOTO
6A 1/4"=1'-0"



BUILDING 1- 2ND FLOOR
KEY PLAN
NTS



BUILDING 1- 1ST FLOOR
KEY PLAN
NTS

VA CONTRACT NO. 36C242-18-C-0004

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ARCHITECT + ENGINEERS:

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www.bancroft-ae.com
700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL – BUILDING 1- FLOORS 1, 2, 3 EWC DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

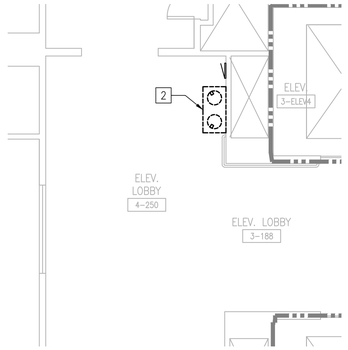
Building Number: 1

Drawing Number: AD103B

Office of Construction and Facilities Management

VA Department of Veterans Affairs

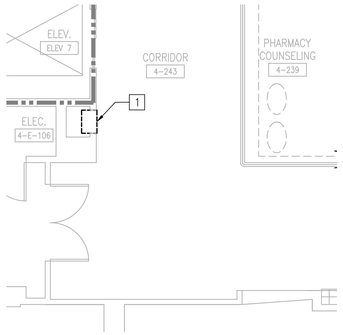
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VA FORM 08-6231



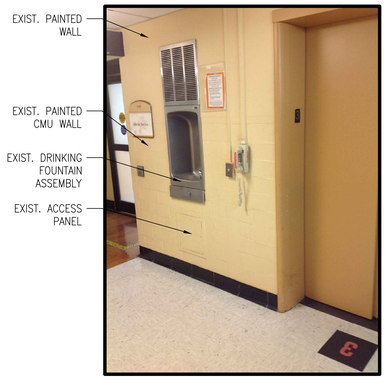


BUILDING 1
3RD FLOOR- CORE WING
DEMOLITION PLAN
1 — 1/4"=1'-0"

BUILDING 1
3RD FLOOR- CORE WING
PHOTO- EXISTING CONDITIONS
1A — 1/4"=1'-0"



BUILDING 1
3RD FLOOR- SOUTH WING
DEMOLITION PLAN
2 — 1/4"=1'-0"



BUILDING 1
3RD FLOOR SOUTH WING
PHOTO- EXISTING CONDITIONS
2A — 1/4"=1'-0"

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

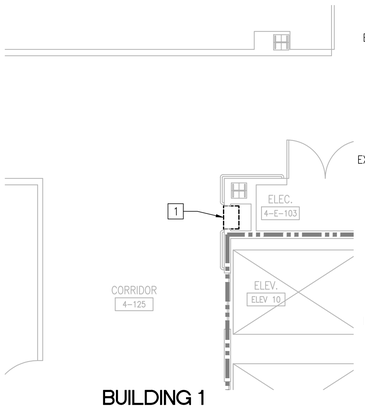
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[X] DEMOLITION KEY NOTES

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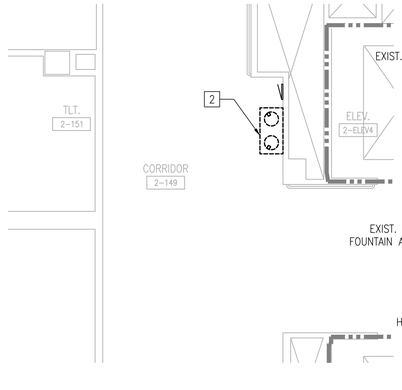
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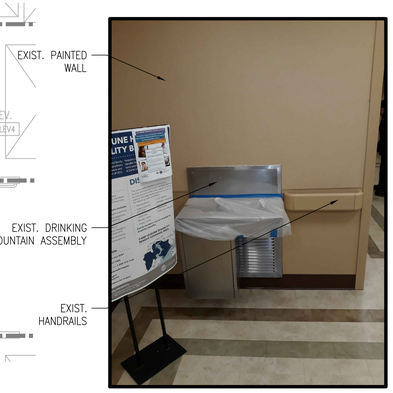


BUILDING 1
4TH FLOOR- NORTH WING
DEMOLITION PLAN
3 — 1/4"=1'-0"

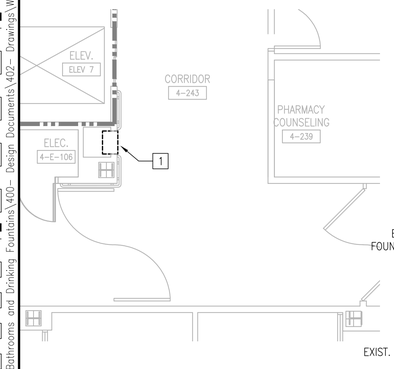
BUILDING 1
4TH FLOOR- NORTH WING
PHOTO- EXISTING CONDITIONS
3A — 1/4"=1'-0"



BUILDING 1
4TH FLOOR- CORE WING
DEMOLITION PLAN
4 — 1/4"=1'-0"



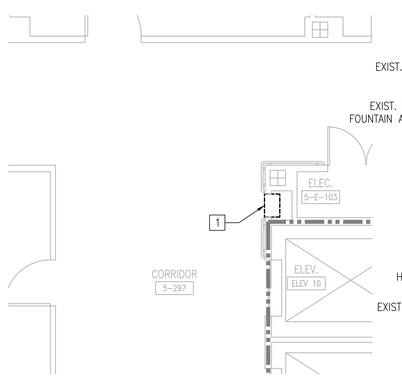
BUILDING 1
4TH FLOOR- CORE WING
PHOTO- EXISTING CONDITIONS
4A — 1/4"=1'-0"



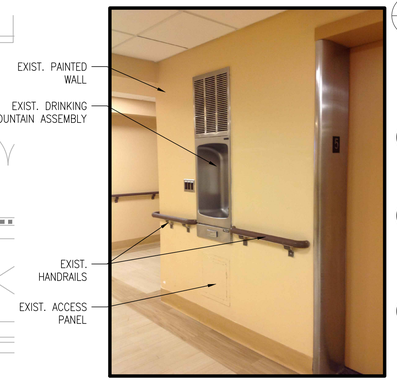


BUILDING 1
4TH FLOOR- SOUTH WING
DEMOLITION PLAN
5 — 1/4"=1'-0"

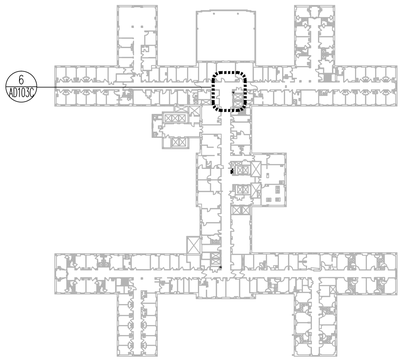
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4TH FLOOR- SOUTH WING
PHOTO- EXISTING CONDITIONS
5A — 1/4"=1'-0"



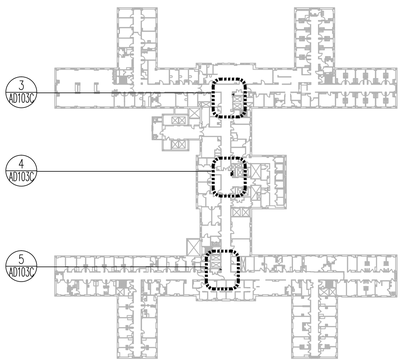
BUILDING 1
5TH FLOOR- NORTH WING
DEMOLITION PLAN
6 — 1/4"=1'-0"



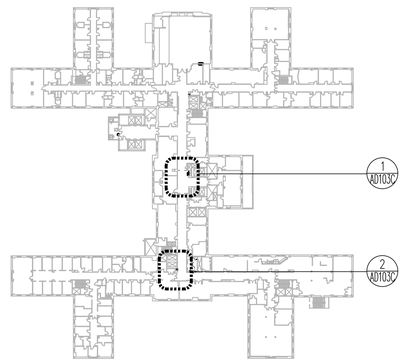
BUILDING 1
5TH FLOOR- NORTH WING
PHOTO- EXISTING CONDITIONS
6A — 1/4"=1'-0"



BUILDING 1- 5TH FLOOR
KEY PLAN
NTS



BUILDING 1- 4TH FLOOR
KEY PLAN
NTS



BUILDING 1- 3RD FLOOR
KEY PLAN
NTS

VA CONTRACT NO. 36C242-18-C-0004

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Drawing Title: ARCHITECTURAL – BUILDING 1- FLOORS 3, 4, 5 EWC DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

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Project Number: 561-14-106

Building Number: 1

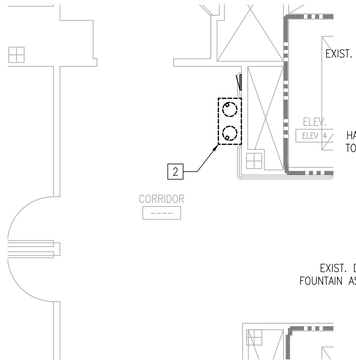
Drawing Number: AD103C

Office of Construction and Facilities Management

VA Department of Veterans Affairs

100% CONSTRUCTION DOCUMENTS FOR BID

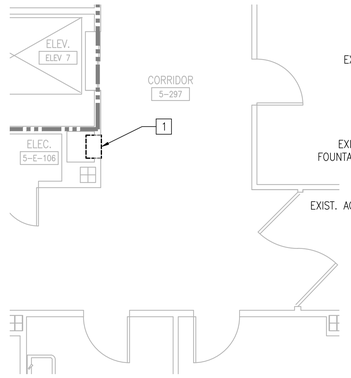
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three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
VA FORM 08-6231



BUILDING 1
5TH FLOOR- CORE WING
DEMOLITION PLAN
1/4"=1'-0"



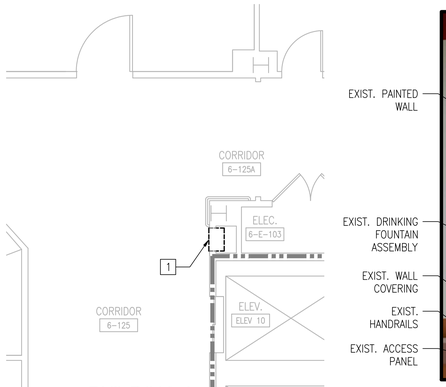
BUILDING 1
5TH FLOOR- CORE WING
PHOTO- EXISTING CONDITIONS
1/4"=1'-0"

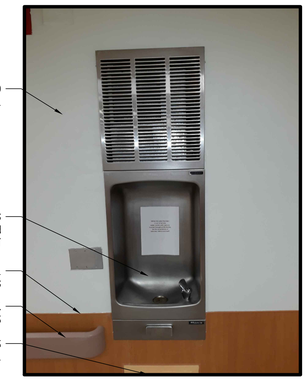


BUILDING 1
5TH FLOOR- SOUTH WING
DEMOLITION PLAN
1/4"=1'-0"



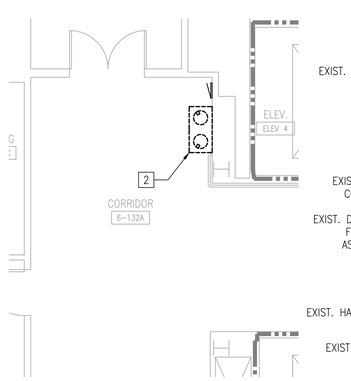
BUILDING 1
5TH FLOOR SOUTH WING
PHOTO- EXISTING CONDITIONS
1/4"=1'-0"





BUILDING 1
6TH FLOOR- NORTH WING
DEMOLITION PLAN
1/4"=1'-0"

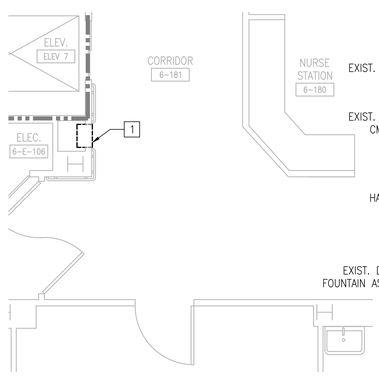
BUILDING 1
6TH FLOOR- NORTH WING
PHOTO- EXISTING CONDITIONS
1/4"=1'-0"



BUILDING 1
6TH FLOOR- CORE WING
DEMOLITION PLAN
1/4"=1'-0"



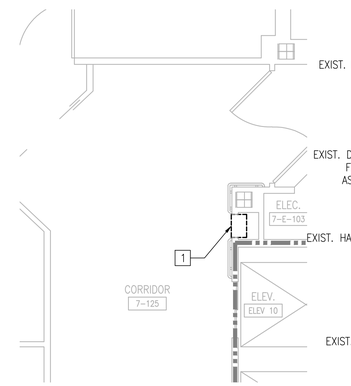
BUILDING 1
6TH FLOOR- CORE WING
PHOTO- EXISTING CONDITIONS
1/4"=1'-0"

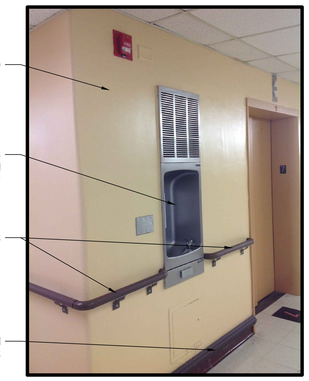




BUILDING 1
6TH FLOOR- SOUTH WING
DEMOLITION PLAN
1/4"=1'-0"

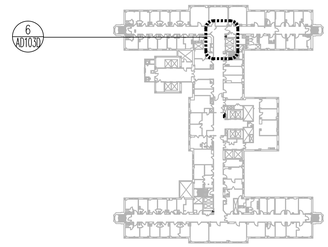
BUILDING 1
6TH FLOOR- SOUTH WING
PHOTO- EXISTING CONDITIONS
1/4"=1'-0"



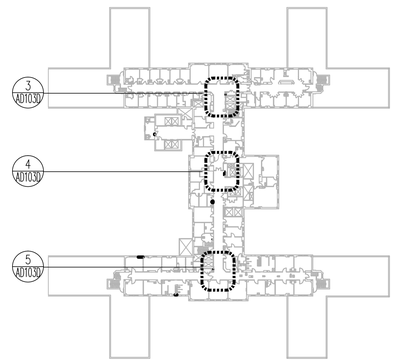


BUILDING 1
7TH FLOOR- NORTH WING
DEMOLITION PLAN
1/4"=1'-0"

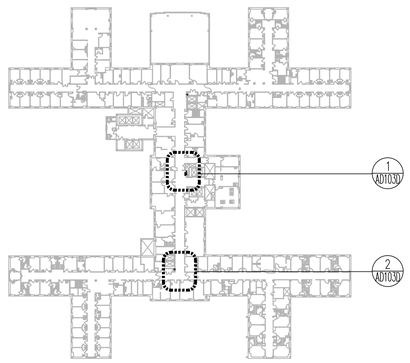
BUILDING 1
7TH FLOOR- NORTH WING
PHOTO- EXISTING CONDITIONS
1/4"=1'-0"



BUILDING 1- 7TH FLOOR
KEY PLAN
NTS



BUILDING 1- 6TH FLOOR
KEY PLAN
NTS



BUILDING 1- 5TH FLOOR
KEY PLAN
NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL DEMOLITION NOTES

A. REFER TO SHEET GI004 FOR FLOOR PLAN LEGEND.
B. REFER TO FIRE PROTECTION SHEETS (FP SERIES) FOR DEMOLITION OF FIRE ALARM, CONNECTION AND RELIEF VALVE.
C. REFER TO MECHANICAL (M SERIES), PLUMBING (P SERIES) AND ELECTRICAL (E SERIES) SHEETS FOR REQUIRED DEMOLITION AS WELL AS EXISTING PIPING, CONDUITS, DUCTWORK ETC. TO REMAIN WITHIN AREA OF SELECTIVE DEMOLITION.
D. REFER TO FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SHEETS FOR DEMOLITION NOTES.
E. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR TYPICAL EWC UPGRADE WORK FOR BUILDING 1 – FLOORS A-13

[X] DEMOLITION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. REMOVE EXISTING DRINKING FOUNTAIN IN ITS ENTIRETY. REFER TO PLUMBING DRAWINGS FOR COMPLETE INFORMATION FOR EXTENT OF PIPING DEMOLITION. EXISTING OPENING TO BE INFILLED (INCLUDING BLOCKING) TO MATCH EXISTING WALL CONSTRUCTION. PATCH/ PREPARE WALL TO RECEIVE NEW FINISH TO MATCH SURROUNDING WALL FINISH.
2. REMOVE EXISTING DRINKING FOUNTAIN. PREPARE TO RECEIVE NEW DRINKING FOUNTAIN. REFER TO PLUMBING DRAWINGS FOR COMPLETE INFORMATION FOR EXTENT OF PIPING DEMOLITION. PATCH/ PREPARE WALL TO RECEIVE NEW FINISH TO MATCH SURROUNDING WALL FINISH.
3. REMOVE EXISTING BOX OUT IN ITS ENTIRETY. PREPARE AREA TO RECEIVE NEW DRINKING FOUNTAIN. REFER TO PLUMBING DRAWINGS FOR COMPLETE INFORMATION. PATCH/ PREPARE WALL TO RECEIVE NEW FINISH TO MATCH SURROUNDING WALL FINISH.
4. (NOT USED).
5. (NOT USED).
6. REMOVE EXISTING ACCESS PANELS AND EXISTING STONE PANELS IN THEIR ENTIRETY. AREA WHERE STONE PANELS LOCATED TO RECEIVE NEW SOLID SURFACE PANELS. ALL WALL MOUNTED ITEMS ON EXISTING STONE PANELS TO BE REMOVED, STORED AND REINSTALL UPON INSTALLATION OF NEW SOLID SURFACE PANELS.
7. REMOVE EXISTING HANDRAIL AND REPLACE WITH NEW. REUSE EXISTING HANDRAIL SUPPORTS WHERE POSSIBLE. COORDINATE WITH NEW PLANS FOR FULL LENGTH OF NEW HANDRAIL.
7A. EXISTING HANDRAIL TO BE REMOVED AS REQUIRED FOR REMOVAL OF DRINKING FOUNTAIN. REINSTALL UPON COMPLETION OF WORK.
8. REMOVE PORTION OF EXISTING WALL AS REQUIRED TO INSTALL WALL MOUNTED ELECTRIC WATER COOLER ASSEMBLY INCLUDING ELECTRICAL, PLUMBING AND WALL SUPPORTS. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
9. REMOVE EXISTING CUP DISPENSER. STORE AND REINSTALL ON WALL NEXT TO NEW DRINKING FOUNTAIN.

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com
700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 1 - FLOORS 5, 6, 7 EWC DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

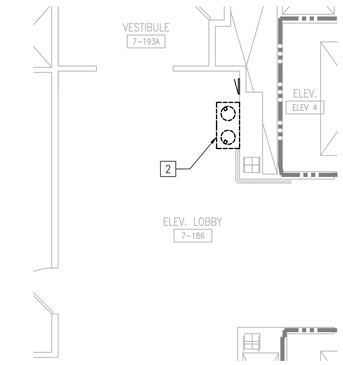
Building Number: 1

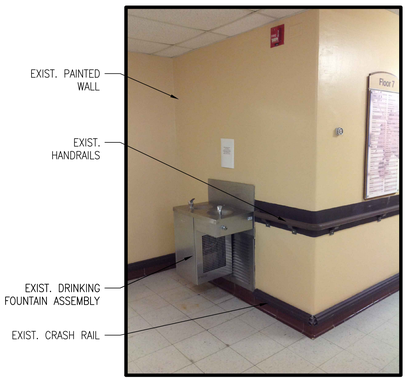
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Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231
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N

1

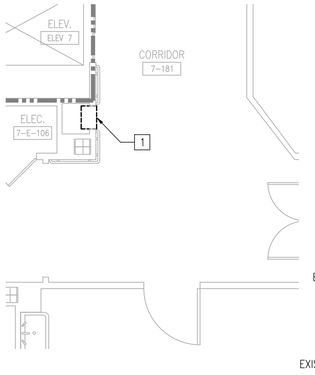
BUILDING 1
7TH FLOOR- CORE WING
DEMOLITION PLAN

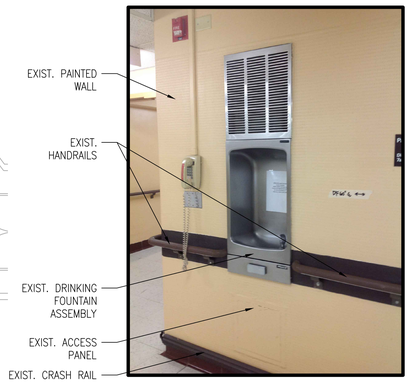
1/4"=1'-0"

1A

BUILDING 1
7TH FLOOR- CORE WING
PHOTO- EXISTING CONDITIONS

1/4"=1'-0"





N

2

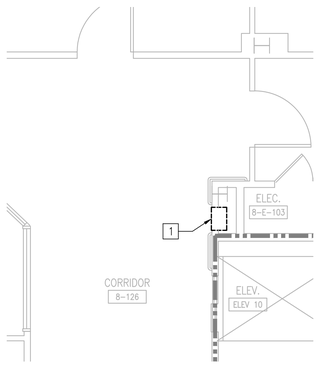
BUILDING 1
7TH FLOOR- SOUTH WING
DEMOLITION PLAN

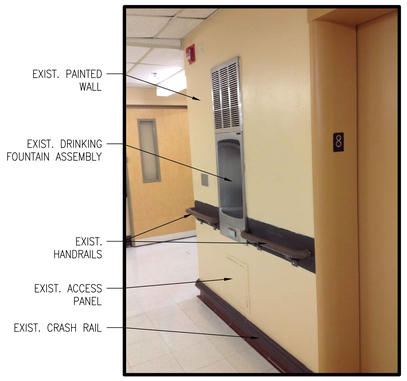
1/4"=1'-0"

2A

BUILDING 1
7TH FLOOR SOUTH WING
PHOTO- EXISTING CONDITIONS

1/4"=1'-0"





N

3

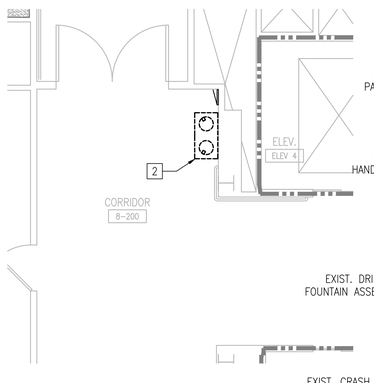
BUILDING 1
8TH FLOOR- NORTH WING
DEMOLITION PLAN

1/4"=1'-0"

3A

BUILDING 1
8TH FLOOR- NORTH WING
PHOTO- EXISTING CONDITIONS

1/4"=1'-0"





N

4

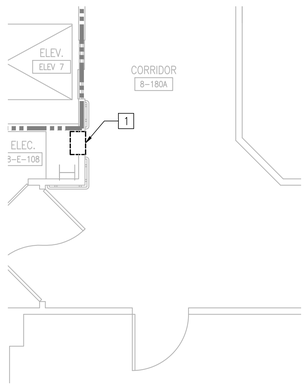
BUILDING 1
8TH FLOOR- CORE WING
DEMOLITION PLAN

1/4"=1'-0"

4A

BUILDING 1
8TH FLOOR- CORE WING
PHOTO- EXISTING CONDITIONS

1/4"=1'-0"





N

5

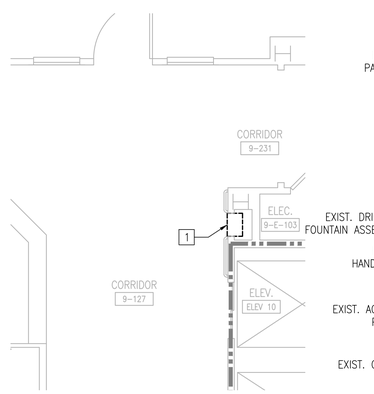
BUILDING 1
8TH FLOOR- SOUTH WING
DEMOLITION PLAN

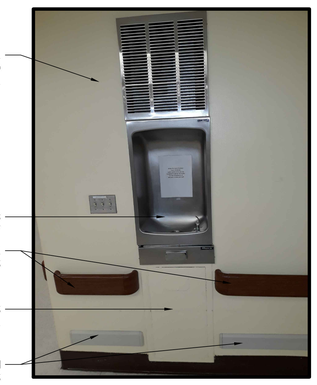
1/4"=1'-0"

5A

BUILDING 1
8TH FLOOR- SOUTH WING
PHOTO- EXISTING CONDITIONS

1/4"=1'-0"





N

6

BUILDING 1
9TH FLOOR- NORTH WING
DEMOLITION PLAN

1/4"=1'-0"

6A

BUILDING 1
9TH FLOOR- NORTH WING
PHOTO- EXISTING CONDITIONS

1/4"=1'-0"

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

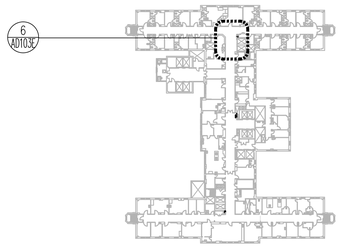
GENERAL DEMOLITION NOTES

A. REFER TO SHEET GI004 FOR FLOOR PLAN LEGEND.
B. REFER TO FIRE PROTECTION SHEETS (FP SERIES) FOR DEMOLITION OF FIRE ALARM, CONNECTION AND RELIEF VALVE.
C. REFER TO MECHANICAL (M SERIES), PLUMBING (P SERIES) AND ELECTRICAL (E SERIES) SHEETS FOR REQUIRED DEMOLITION AS WELL AS EXISTING PIPING, CONDUITS, DUCTWORK ETC. TO REMAIN WITHIN AREA OF SELECTIVE DEMOLITION.
D. REFER TO FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SHEETS FOR DEMOLITION NOTES.
E. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR TYPICAL EWC UPGRADE WORK FOR BUILDING 1 – FLOORS A-13

X DEMOLITION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

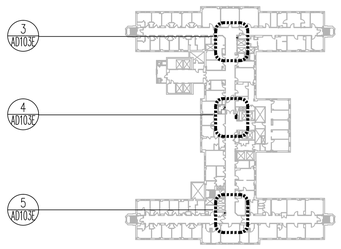
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9. REMOVE EXISTING CUP DISPENSER. STORE AND REINSTALL ON WALL NEXT TO NEW DRINKING FOUNTAIN.



N

BUILDING 1- 9TH FLOOR
KEY PLAN

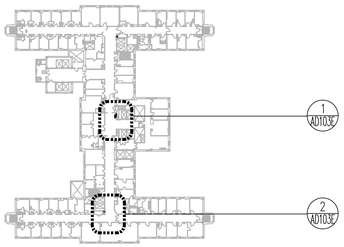
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N

BUILDING 1- 8TH FLOOR
KEY PLAN

NTS



N

BUILDING 1- 7TH FLOOR
KEY PLAN

NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title
ARCHITECTURAL -
BUILDING 1 - FLOORS 7, 8 9
EWC DEMOLITION PLANS

Approved: Project Director

Project Title
100% CD FOR BID
UPGRADE BATHROOMS /
DRINKING FOUNTAINS

Location
EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number
AD103E

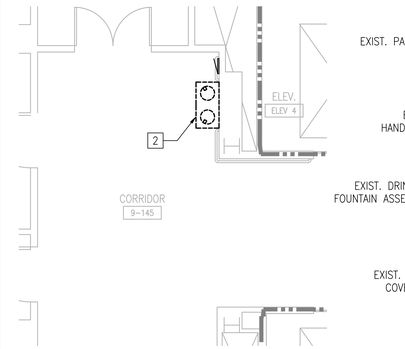
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

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three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



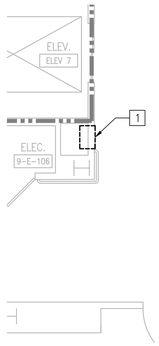


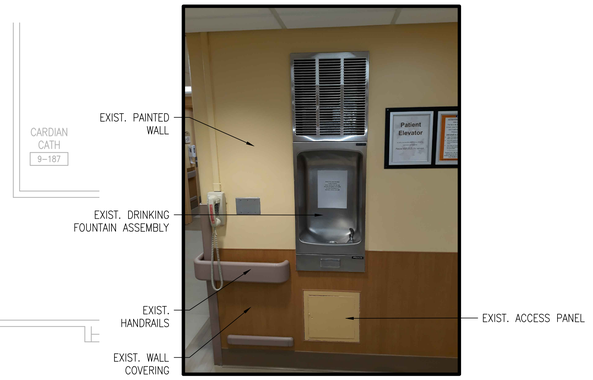
BUILDING 1
9TH FLOOR- CORE WING
DEMOLITION PLAN

1 — 1/4"=1'-0"

BUILDING 1
9TH FLOOR- CORE WING
PHOTO- EXISTING CONDITIONS

1A — 1/4"=1'-0"





BUILDING 1
9TH FLOOR- SOUTH WING
DEMOLITION PLAN

2 — 1/4"=1'-0"

BUILDING 1
9TH FLOOR SOUTH WING
PHOTO- EXISTING CONDITIONS

2A — 1/4"=1'-0"

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

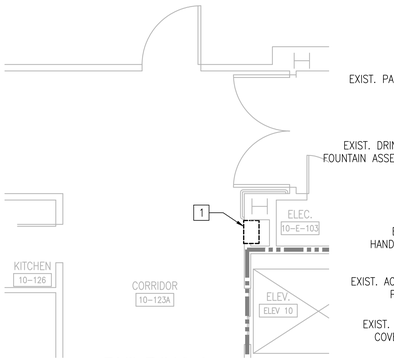
GENERAL DEMOLITION NOTES

A. REFER TO SHEET GI004 FOR FLOOR PLAN LEGEND.
B. REFER TO FIRE PROTECTION SHEETS (FP SERIES) FOR DEMOLITION OF FIRE ALARM, CONNECTION AND RELIEF VALVE.
C. REFER TO MECHANICAL (M SERIES), PLUMBING (P SERIES) AND ELECTRICAL (E SERIES) SHEETS FOR REQUIRED DEMOLITION AS WELL AS EXISTING PIPING, CONDUITS, DUCTWORK ETC. TO REMAIN WITHIN AREA OF SELECTIVE DEMOLITION.
D. REFER TO FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SHEETS FOR DEMOLITION NOTES.
E. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR TYPICAL EWC UPGRADE WORK FOR BUILDING 1 – FLOORS A-13

[X] DEMOLITION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. REMOVE EXISTING DRINKING FOUNTAIN IN ITS ENTIRETY. REFER TO PLUMBING DRAWINGS FOR COMPLETE INFORMATION FOR EXTENT OF PIPING DEMOLITION. EXISTING OPENING TO BE INFILLED (INCLUDING BLOCKING) TO MATCH EXISTING WALL CONSTRUCTION. PATCH/ PREPARE WALL TO RECEIVE NEW FINISH TO MATCH SURROUNDING WALL FINISH.
2. REMOVE EXISTING DRINKING FOUNTAIN. PREPARE TO RECEIVE NEW DRINKING FOUNTAIN. REFER TO PLUMBING DRAWINGS FOR COMPLETE INFORMATION FOR EXTENT OF PIPING DEMOLITION. PATCH/ PREPARE WALL TO RECEIVE NEW FINISH TO MATCH SURROUNDING WALL FINISH.
3. REMOVE EXISTING BOX OUT IN ITS ENTIRETY. PREPARE AREA TO RECEIVE NEW DRINKING FOUNTAIN. REFER TO PLUMBING DRAWINGS FOR COMPLETE INFORMATION. PATCH/ PREPARE WALL TO RECEIVE NEW FINISH TO MATCH SURROUNDING WALL FINISH.
4. (NOT USED).
5. (NOT USED).
6. REMOVE EXISTING ACCESS PANELS AND EXISTING STONE PANELS IN THEIR ENTIRETY. AREA WHERE STONE PANELS LOCATED TO RECEIVE NEW SOLID SURFACE PANELS. ALL WALL MOUNTED ITEMS ON EXISTING STONE PANELS TO BE REMOVED, STORED AND REINSTALL UPON INSTALLATION OF NEW SOLID SURFACE PANELS.
7. REMOVE EXISTING HANDRAIL AND REPLACE WITH NEW. REUSE EXISTING HANDRAIL SUPPORTS WHERE POSSIBLE. COORDINATE WITH NEW PLANS FOR FULL LENGTH OF NEW HANDRAIL.
7A. EXISTING HANDRAIL TO BE REMOVED AS REQUIRED FOR REMOVAL OF DRINKING FOUNTAIN. REINSTALL UPON COMPLETION OF WORK.
8. REMOVE PORTION OF EXISTING WALL AS REQUIRED TO INSTALL WALL MOUNTED ELECTRIC WATER COOLER ASSEMBLY INCLUDING ELECTRICAL, PLUMBING AND WALL SUPPORTS. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
9. REMOVE EXISTING CUP DISPENSER. STORE AND REINSTALL ON WALL NEXT TO NEW DRINKING FOUNTAIN.



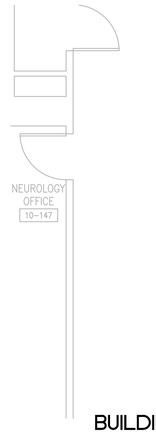


BUILDING 1
10TH FLOOR- NORTH WING
DEMOLITION PLAN

3 — 1/4"=1'-0"

BUILDING 1
10TH FLOOR- NORTH WING
PHOTO- EXISTING CONDITIONS

3A — 1/4"=1'-0"



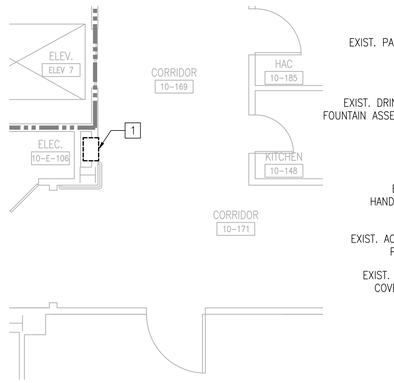


BUILDING 1
10TH FLOOR- CORE WING
DEMOLITION PLAN

4 — 1/4"=1'-0"

BUILDING 1
10TH FLOOR- CORE WING
PHOTO- EXISTING CONDITIONS

4A — 1/4"=1'-0"



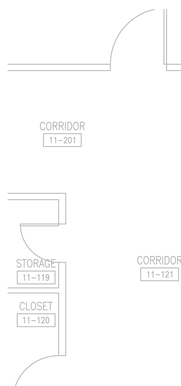


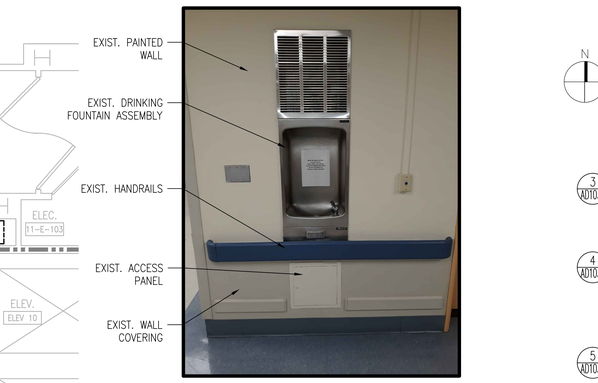
BUILDING 1
10TH FLOOR- SOUTH WING
DEMOLITION PLAN

5 — 1/4"=1'-0"

BUILDING 1
10TH FLOOR- SOUTH WING
PHOTO- EXISTING CONDITIONS

5A — 1/4"=1'-0"



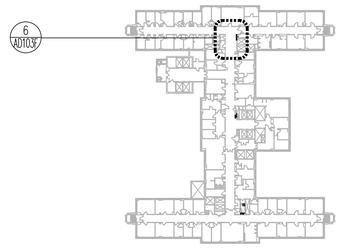


BUILDING 1
11TH FLOOR- NORTH WING
DEMOLITION PLAN

6 — 1/4"=1'-0"

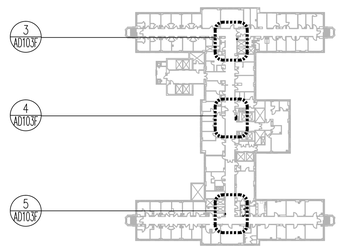
BUILDING 1
11TH FLOOR- NORTH WING
PHOTO- EXISTING CONDITIONS

6A — 1/4"=1'-0"



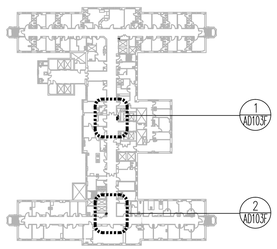
BUILDING 1- 11TH FLOOR
KEY PLAN

NTS



BUILDING 1- 10TH FLOOR
KEY PLAN

NTS



BUILDING 1- 9TH FLOOR
KEY PLAN

NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL – BUILDING 1- FLOORS 9, 10, 11 EWC DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: AD103F

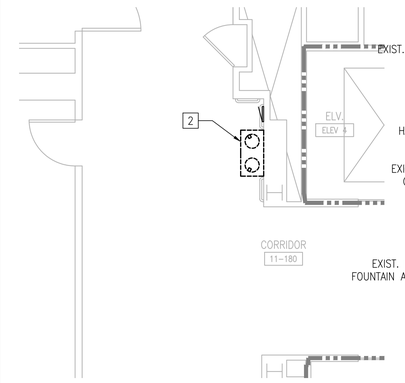
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

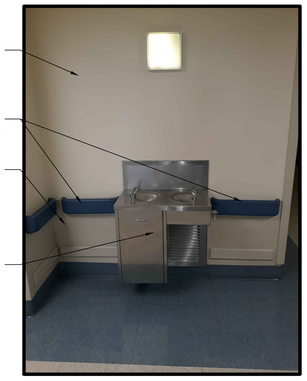
100% CONSTRUCTION DOCUMENTS FOR BID

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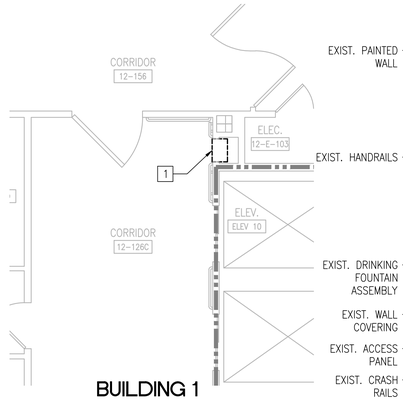
BUILDING 1
11TH FLOOR- CORE WING
DEMOLITION PLAN

1 — 1/4"=1'-0"



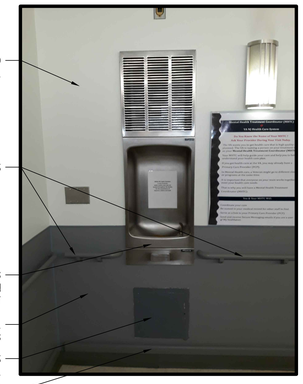
BUILDING 1
11TH FLOOR- CORE WING
PHOTO - EXISTING CONDITIONS

1A — 1/4"=1'-0"



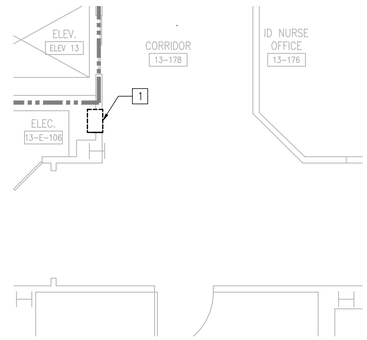
BUILDING 1
12TH FLOOR- NORTH WING
DEMOLITION PLAN

2 — 1/4"=1'-0"



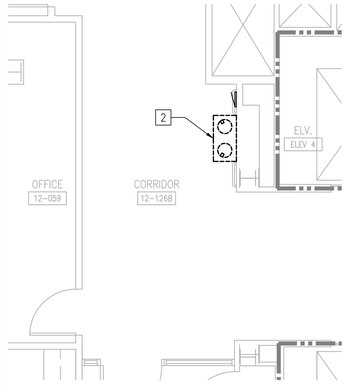
BUILDING 1
12TH FLOOR- NORTH WING
PHOTO- EXISTING CONDITIONS

2A — 1/4"=1'-0"



BUILDING 1
13TH FLOOR- SOUTH WING
PHOTO

7 — 1/4"=1'-0"



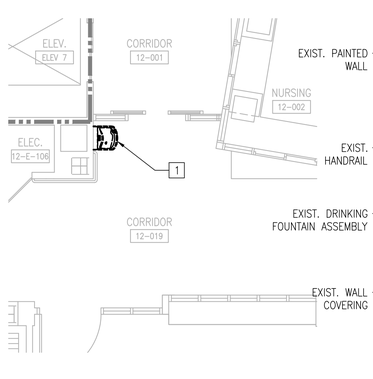
BUILDING 1
12TH FLOOR- CORE WING
DEMOLITION PLAN

3 — 1/4"=1'-0"



BUILDING 1
12TH FLOOR- CORE WING
PHOTO- EXISTING CONDITIONS

3A — 1/4"=1'-0"



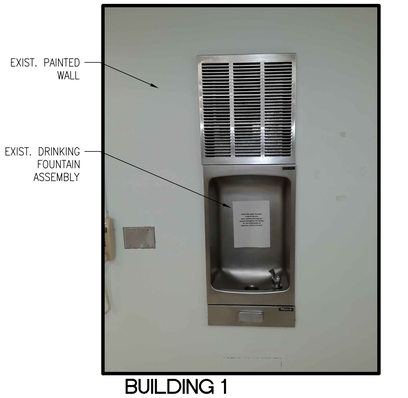
BUILDING 1
12TH FLOOR- SOUTH WING
DEMOLITION PLAN

4 — 1/4"=1'-0"



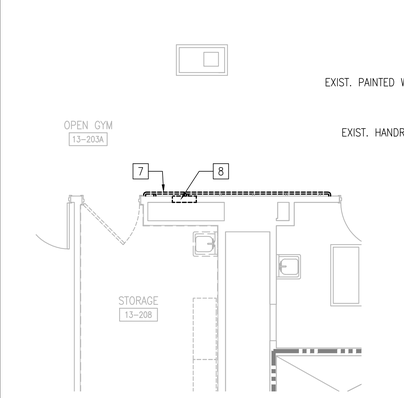
BUILDING 1
12TH FLOOR- SOUTH WING
PHOTO- EXISTING CONDITIONS

4A — 1/4"=1'-0"



BUILDING 1
13TH FLOOR- SOUTH WING
PHOTO- EXISTING CONDITIONS

7A — 1/4"=1'-0"



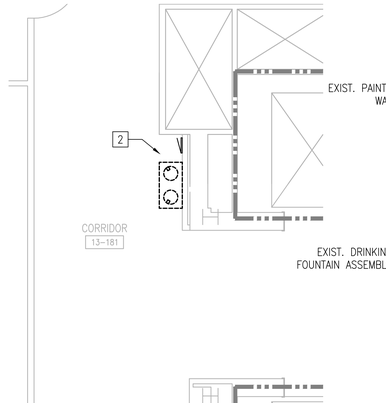
BUILDING 1
13TH FLOOR- NORTH WING
DEMOLITION PLAN

5 — 1/4"=1'-0"



BUILDING 1
13TH FLOOR- NORTH WING
PHOTO- EXISTING CONDITIONS

5A — 1/4"=1'-0"



BUILDING 1
13TH FLOOR- CORE WING
DEMOLITION PLAN

6 — 1/4"=1'-0"



BUILDING 1
13TH FLOOR- CORE WING
PHOTO- EXISTING CONDITIONS

6A — 1/4"=1'-0"

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

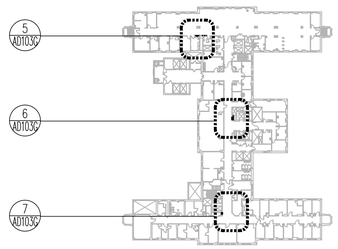
GENERAL DEMOLITION NOTES

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C. REFER TO MECHANICAL (M SERIES), PLUMBING (P SERIES) AND ELECTRICAL (E SERIES) SHEETS FOR REQUIRED DEMOLITION AS WELL AS EXISTING PIPING, CONDUITS, DUCTWORK ETC. TO REMAIN WITHIN AREA OF SELECTIVE DEMOLITION.
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E. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR TYPICAL EWC UPGRADE WORK FOR BUILDING 1 – FLOORS A-13

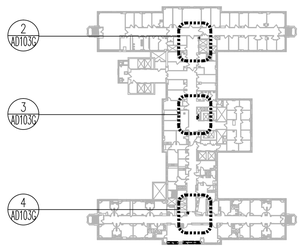
[X] DEMOLITION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

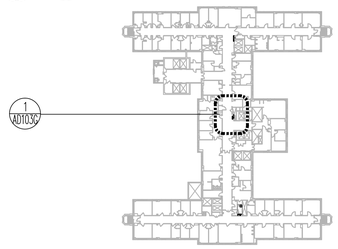
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3. REMOVE EXISTING BOX OUT IN ITS ENTIRETY. PREPARE AREA TO RECEIVE NEW DRINKING FOUNTAIN. REFER TO PLUMBING DRAWINGS FOR COMPLETE INFORMATION. PATCH/ PREPARE WALL TO RECEIVE NEW FINISH TO MATCH SURROUNDING WALL FINISH.
4. (NOT USED).
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6. REMOVE EXISTING ACCESS PANELS AND EXISTING STONE PANELS IN THEIR ENTIRETY. AREA WHERE STONE PANELS LOCATED TO RECEIVE NEW SOLID SURFACE PANELS. ALL WALL MOUNTED ITEMS ON EXISTING STONE PANELS TO BE REMOVED, STORED AND REINSTALL UPON INSTALLATION OF NEW SOLID SURFACE PANELS.
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9. REMOVE EXISTING CUP DISPENSER. STORE AND REINSTALL ON WALL NEXT TO NEW DRINKING FOUNTAIN.



BUILDING 1- 13TH FLOOR
KEY PLAN
NTS



BUILDING 1- 12TH FLOOR
KEY PLAN
NTS



BUILDING 1- 11TH FLOOR
KEY PLAN
NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:
BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com
700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL – BUILDING 1- FLOORS 11, 12, 13 EWC DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number: 1

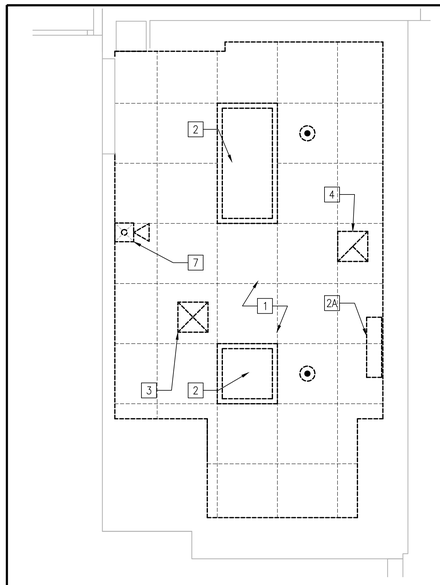
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Office of Construction and Facilities Management

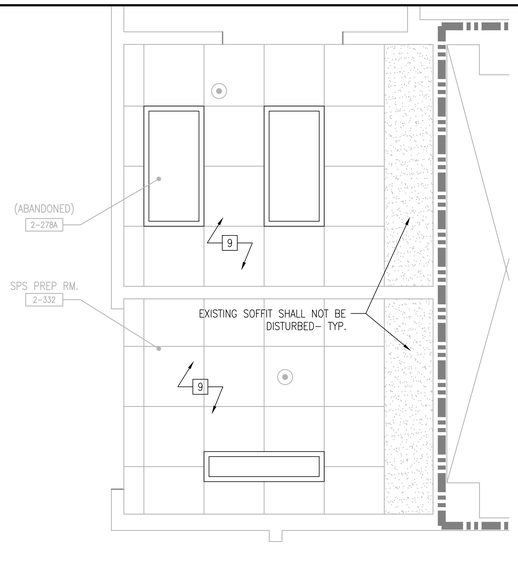
VA Department of Veterans Affairs

VA FORM 08-6231

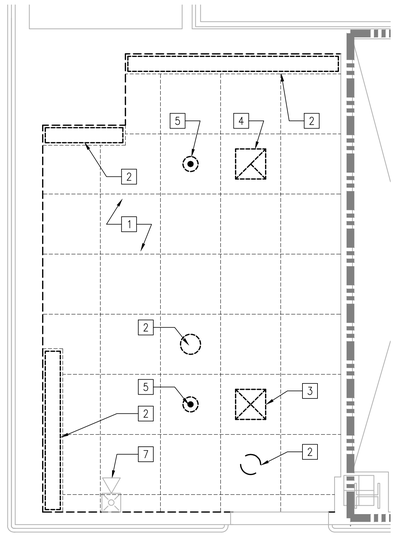
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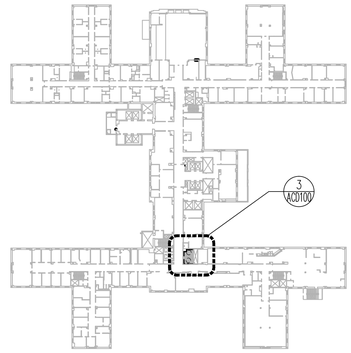
BUILDING 1 - FLOOR 'A'
MEN'S TOILET ROOM A-213
DEMOLITION CEILING PLAN
1/2"=1'-0"



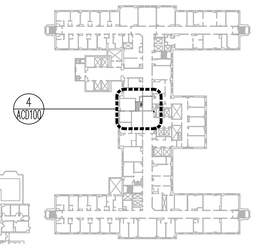
BUILDING 1 - 2ND FLOOR
RMS. 2-213/2-221/2-222
DEMOLITION CEILING PLAN
1/2"=1'-0"



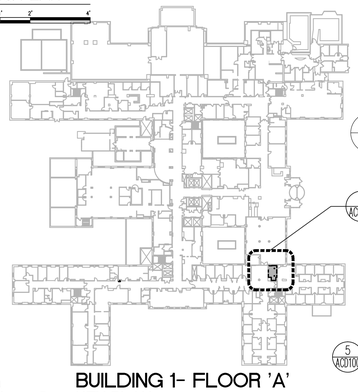
BUILDING 1 - 3rd FLOOR
MEN'S TOILET ROOM 3-183
DEMOLITION CEILING PLAN
1/2"=1'-0"



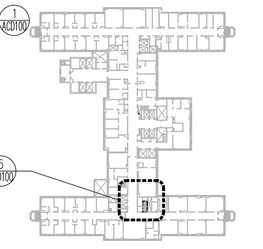
BUILDING 1- 3RD FLOOR
KEY PLAN
NTS



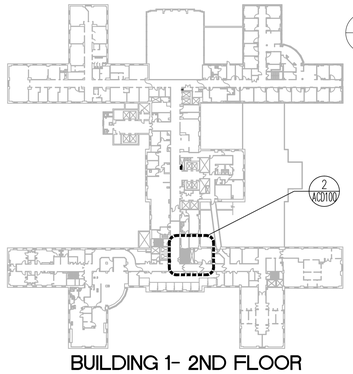
BUILDING 1 -8th FLOOR
KEY PLAN
NTS



BUILDING 1- FLOOR 'A'
KEY PLAN
NTS



BUILDING 1 -10th FLOOR
KEY PLAN
NTS



BUILDING 1- 2ND FLOOR
KEY PLAN
NTS

BUILDING 1- 11th FLOOR
KEY PLAN
NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

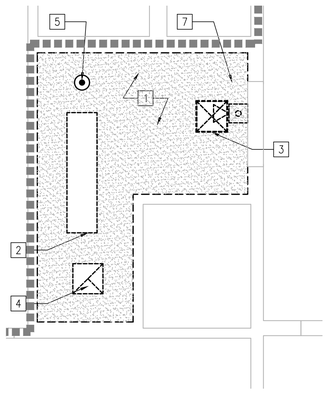
GENERAL CEILING DEMOLITION NOTES

A. REFER TO SHEET GI004 FOR REFLECTED CEILING PLAN LEGEND.
B. REFER TO FIRE PROTECTION SHEETS (FP SERIES) FOR DEMOLITION OF FIRE ALARM, CONNECTION AND RELIEF VALVE.
C. REFER TO MECHANICAL (M SERIES), PLUMBING (P SERIES) AND ELECTRICAL (E SERIES) SHEETS FOR REQUIRED DEMOLITION AS WELL AS EXISTING PIPING, CONDUITS, DUCTWORK ETC. TO REMAIN WITHIN AREA OF SELECTIVE DEMOLITION.
D. REFER TO FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SHEETS FOR DEMOLITION NOTES.
E. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR TYPICAL EWC UPGRADE WORK FOR BUILDING 1 – FLOORS A–13.
F. REFER TO FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD LOCATIONS.

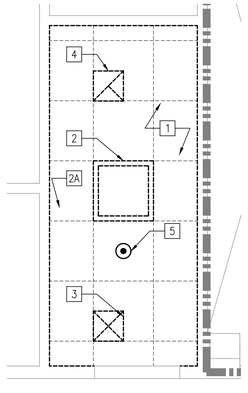
[X] CEILING DEMOLITION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

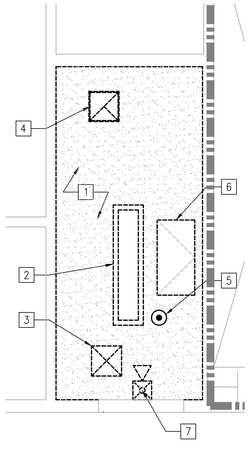
1. REMOVE EXISTING FINISH CEILING IN ITS ENTIRETY, INCLUDING FINISH CEILING, GRID, HANGERS. SALVAGE EXISTING LIGHT FIXTURES AND TURN OVER TO VA FOR STORAGE.
2. REMOVE EXISTING LIGHT FIXTURES IN THEIR ENTIRETY. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
2A. REMOVE EXISTING WALL MOUNTED LIGHT FIXTURE IN ITS ENTIRETY. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
2B. REMOVE, SALVAGE AND STORE EXISTING LIGHT FIXTURE FOR REINSTALLATION FOLLOWING COMPLETION OF 13TH FLOOR WORK.
3. REMOVE EXISTING MECHANICAL SUPPLY DIFFUSERS. REFER TO MECHANICAL DRAWINGS FOR COMPLETE INFORMATION.
3A. REMOVE, SALVAGE, AND STORE EXISTING MECHANICAL SUPPLY DIFFUSER TO BE REINSTALLED IN CEILING FOLLOWING COMPLETION OF WORK FOR 13TH FLOOR.
4. REMOVE EXISTING MECHANICAL RETURN/EXHAUST GRILLES. REFER TO MECHANICAL DRAWINGS FOR COMPLETE INFORMATION.
4A. REMOVE, SALVAGE AND STORE EXISTING RETURN/EXHAUST GRILLES FOR REINSTALLATION FOLLOWING COMPLETION OF 13TH FLOOR WORK.
5. EXISTING SPRINKLER HEAD SHALL BE TURNED UP DURING CONSTRUCTION. REFER TO NEW PLAN DRAWINGS FOR LOCATION OF NEW SPRINKLER HEADS. MODIFY PIPING AS REQUIRED TO ACCOMMODATE NEW LOCATION.
5A. EXISTING SIDEWALL SPRINKLER TO BE REMOVED. PIPING TO BE MODIFIED TO CONNECT TO NEW CEILING MOUNTED SPRINKLER HEADS. REFER TO FIRE PROTECTION DRAWINGS.
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8. REMOVE EXISTING CEILING MOUNTED ELECTRICAL POWER OUTLET. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
9. EXISTING CEILING GRID AND TILE TO REMAIN. REMOVE TILES AS REQUIRED FOR INSTALLATION OF MECHANICAL, ELECTRICAL, PLUMBING ABOVE FINISH CEILING. REPLACE ANY BROKEN TILES WITH NEW TO MATCH EXISTING. ALL OTHER CEILING MOUNTED ITEMS (LIGHTS, SPRINKLERS, ETC.) TO REMAIN. IF THEY ARE REQUIRED TO BE REMOVED FOR WORK ABOVE CEILING, THEY SHALL BE REPLACED AND RECONNECTED IN THEIR ORIGINAL LOCATION.



BUILDING 1 - 8th FLOOR
UNISEX TOILET ROOM 8-134
DEMOLITION CEILING PLAN
1/2"=1'-0"



BUILDING 1 - 10th FLOOR
UNISEX TOILET ROOM 10-183
DEMOLITION CEILING PLAN
1/2"=1'-0"



BUILDING 1 - 11th FLOOR
MEN'S TOILET ROOM 11-169
DEMOLITION CEILING PLAN
1/2"=1'-0"

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd. Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 1- FLOORS 'A', 2, 3, 8, 10, 11 DEMOLITION CEILING PLANS

Approved Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: ACD100

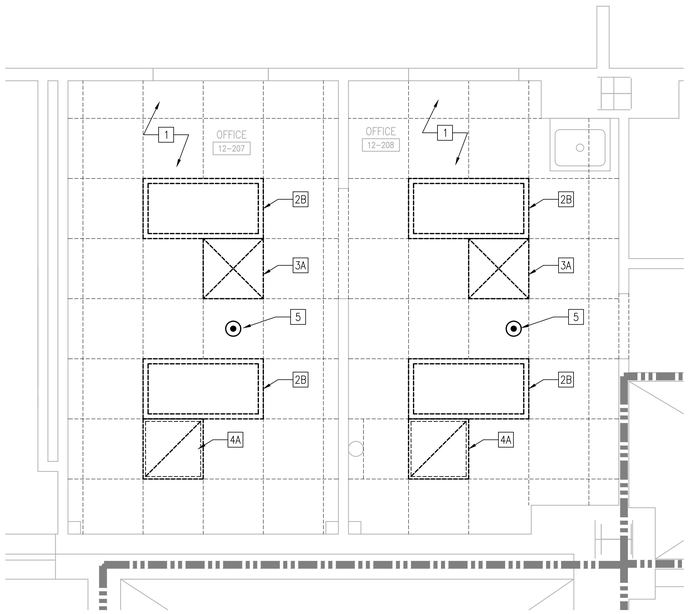
Office of Construction and Facilities Management

VA Department of Veterans Affairs

100% CONSTRUCTION DOCUMENTS FOR BID

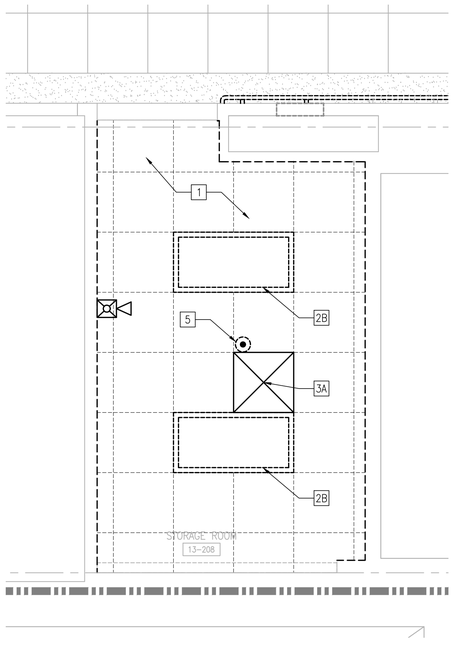
K:\CCD_PROJECTS\2017\17-113_36C242180004_Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561144106-ACD100_BLDG 1_CLG_DEMO.dwg 1-11-20 09:22:34 PM Johnson

VA FORM 08-6231



BUILDING 1 - 12th FLOOR
OFFICES 12-207/12-208
DEMOLITION CEILING PLAN

N 1 1/2"=1'-0"



BUILDING 1 - 13th FLOOR
STORAGE RM. 13-208
DEMOLITION CEILING PLAN

N 2 1/2"=1'-0"

FIRE BARRIER LEGEND

FIRE BARRIER (1 HR.)

FIRE BARRIER (2 HR.)

SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

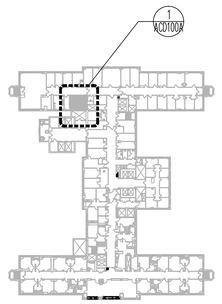
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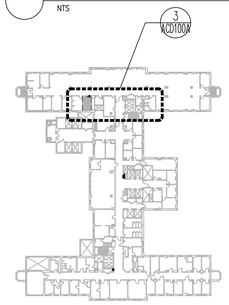
X CEILING DEMOLITION KEY NOTES

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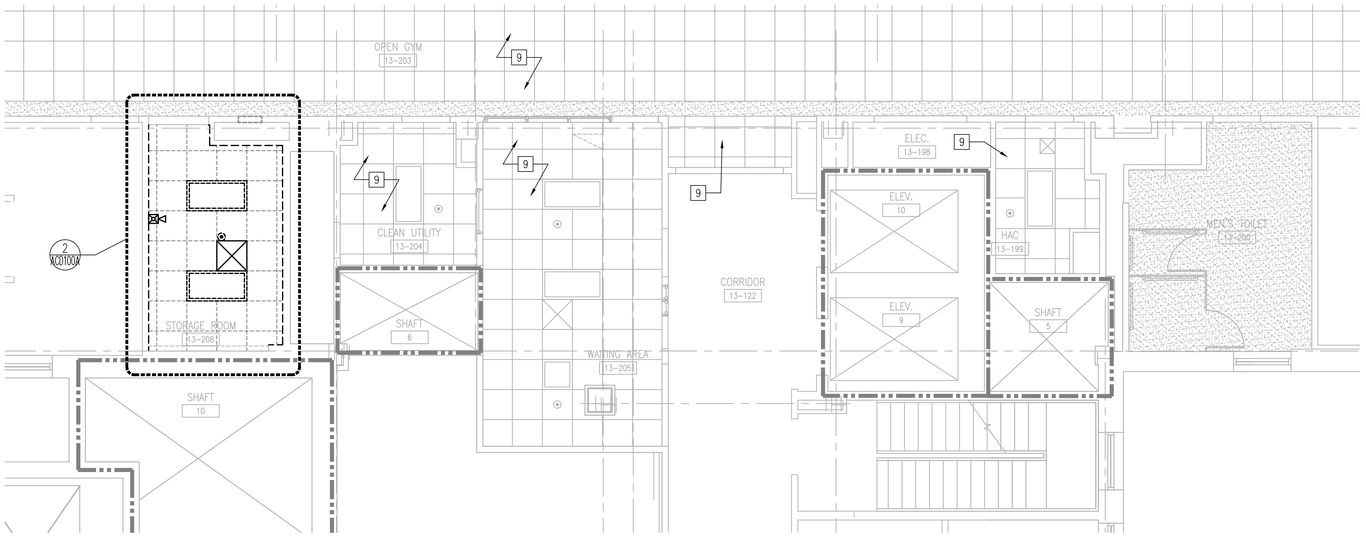
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4. REMOVE EXISTING MECHANICAL RETURN/EXHAUST GRILLES. REFER TO MECHANICAL DRAWINGS FOR COMPLETE INFORMATION.
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BUILDING 1- 12th FLOOR
KEY PLAN
NTS



BUILDING 1- 13th FLOOR
KEY PLAN
NTS



BUILDING 1 - 13th FLOOR
STORAGE ROOM 13-208
DEMOLITION CEILING PLAN

N 3 1/4"=1'-0"

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd. Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 1 - FLOORS 12, 13 DEMOLITION CEILING PLANS

Approved Project Director

VA CONTRACT NO. 36C242-18-C-0004

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: ACD100A

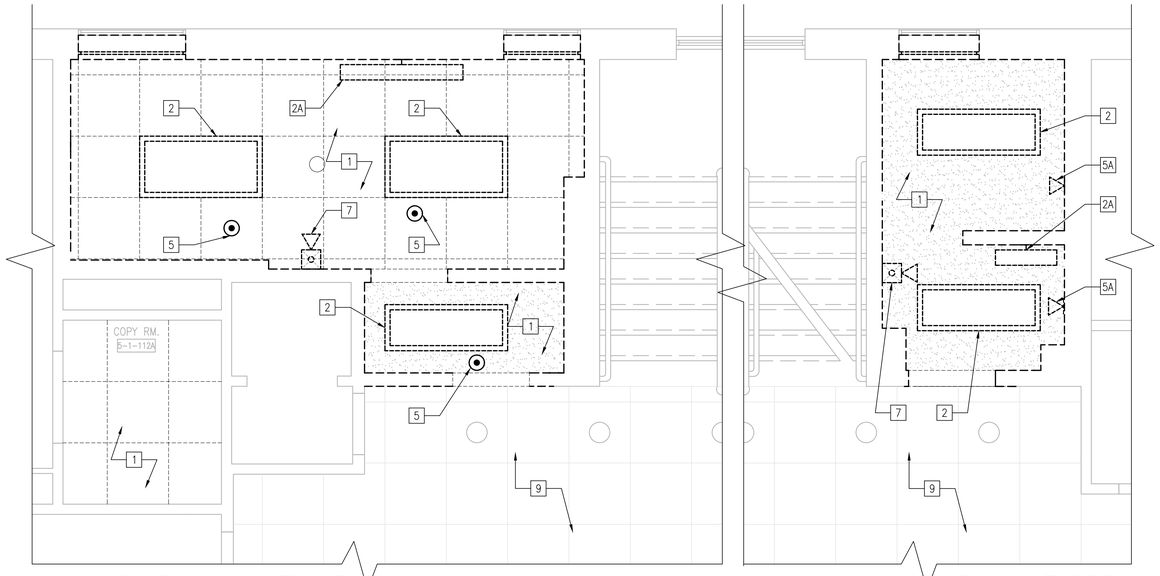
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

K:\CCO_PROJECTS\2017\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-ACD100_BLDG 1 OLD DEMO.dwg 1-11-20 09:23:09 PM Johnson

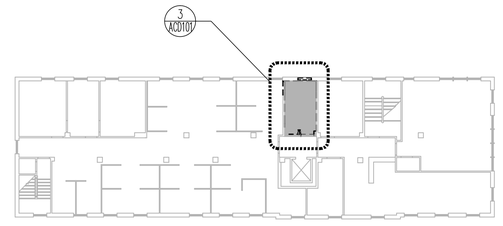


BUILDING 5 - 1st FLOOR
WOMEN'S TOILET ROOM 5-1-106
DEMOLITION CEILING PLAN

N 1 1/2"=1'-0"

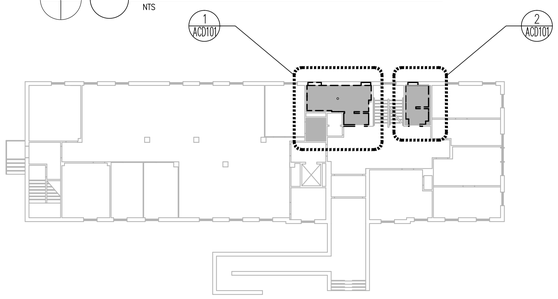
BUILDING 5 - 1st FLOOR
MEN'S TOILET ROOM 5-1-105
DEMOLITION CEILING PLAN

N 2 1/2"=1'-0"



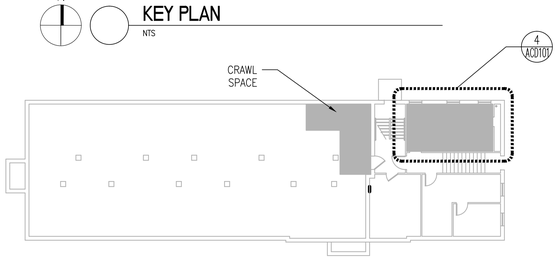
BUILDING 5 - 2nd FLOOR
KEY PLAN

N NTS



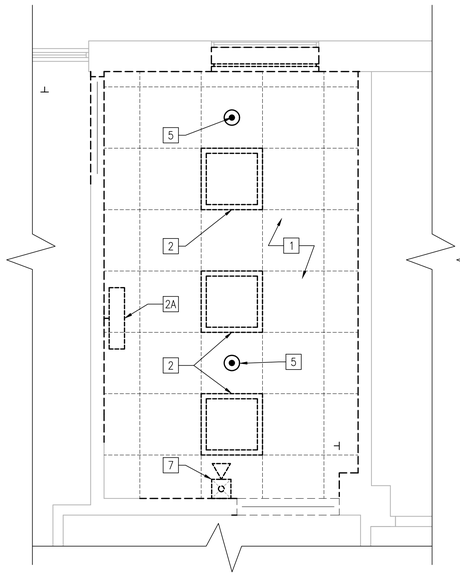
BUILDING 5 - 1ST FLOOR
KEY PLAN

N NTS



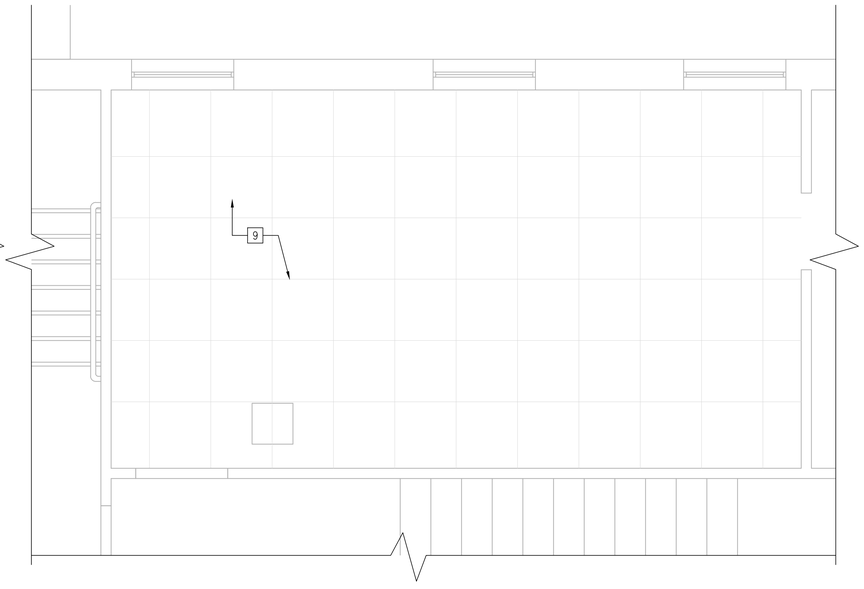
BUILDING 5 - BASEMENT
KEY PLAN

N NTS



BUILDING 5 - 2nd FLOOR
UNISEX TOILET ROOM 5-2-105
DEMOLITION CEILING PLAN

N 3 1/2"=1'-0"



BUILDING 5 - BASEMENT
LUNCH ROOM 5-B-101
DEMOLITION CEILING PLAN

N 4 1/2"=1'-0"

FIRE BARRIER LEGEND

FIRE BARRIER (1 HR.)

FIRE BARRIER (2 HR.)

SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL CEILING DEMOLITION NOTES

A. REFER TO SHEET GI004 FOR REFLECTED CEILING PLAN LEGEND.
B. REFER TO FIRE PROTECTION SHEETS (FP SERIES) FOR DEMOLITION OF FIRE ALARM, CONNECTION AND RELIEF VALVE.
C. REFER TO MECHANICAL (M SERIES), PLUMBING (P SERIES) AND ELECTRICAL (E SERIES) SHEETS FOR REQUIRED DEMOLITION AS WELL AS EXISTING PIPING, CONDUITS, DUCTWORK ETC. TO REMAIN WITHIN AREA OF SELECTIVE DEMOLITION.
D. REFER TO FIRE PROTECTION, PLUMBING, MECHANICAL, AND ELECTRICAL SHEETS FOR DEMOLITION NOTES.
E. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR TYPICAL EWC UPGRADE WORK FOR BUILDING 1 – FLOORS A-13.
F. REFER TO FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD LOCATIONS.

[X] CEILING DEMOLITION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. REMOVE EXISTING FINISH CEILING IN ITS ENTIRETY, INCLUDING FINISH CEILING, GRID, HANGERS. SALVAGE EXISTING LIGHT FIXTURES AND TURN OVER TO VA FOR STORAGE.
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2B. REMOVE, SALVAGE AND STORE EXISTING LIGHT FIXTURE FOR REINSTALLATION FOLLOWING COMPLETION OF 13TH FLOOR WORK.
3. REMOVE EXISTING MECHANICAL SUPPLY DIFFUSERS. REFER TO MECHANICAL DRAWINGS FOR COMPLETE INFORMATION.
3A. REMOVE, SALVAGE, AND STORE EXISTING MECHANICAL SUPPLY DIFFUSER TO BE REINSTALLED IN CEILING FOLLOWING COMPLETION OF WORK FOR 13TH FLOOR.
4. REMOVE EXISTING MECHANICAL RETURN/EXHAUST GRILLES. REFER TO MECHANICAL DRAWINGS FOR COMPLETE INFORMATION.
4A. REMOVE, SALVAGE AND STORE EXISTING RETURN/EXHAUST GRILLES FOR REINSTALLATION FOLLOWING COMPLETION OF 13TH FLOOR WORK.
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Revisions:	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
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25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:
BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com
700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 5 - FLOORS BASEMENT, 1, 2 DEMOLITION CEILING PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: ll/JC

Project Number: 561-14-106

Building Number: 5

Drawing Number: ACD101

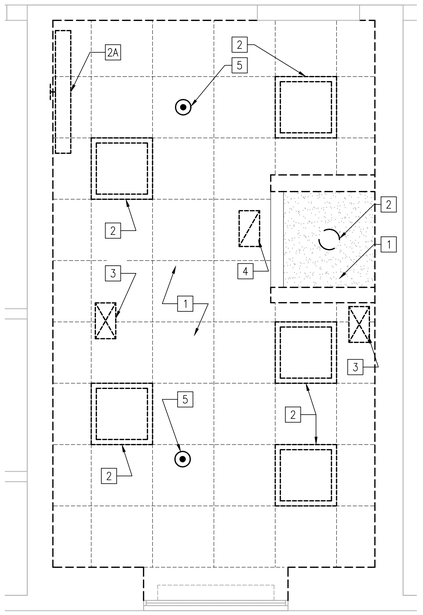
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Office of Construction and Facilities Management

VA Department of Veterans Affairs

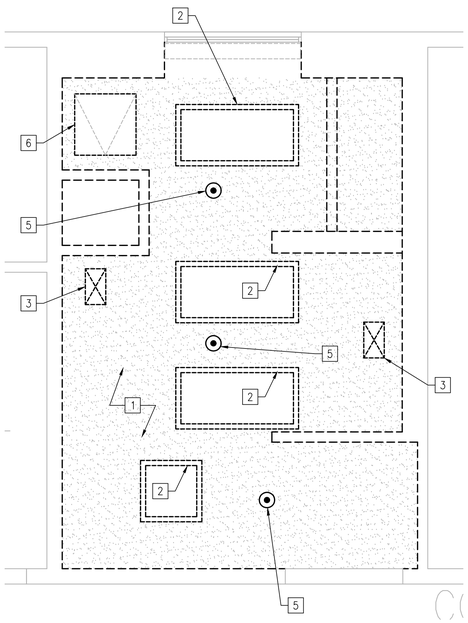
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VA FORM 08-6231
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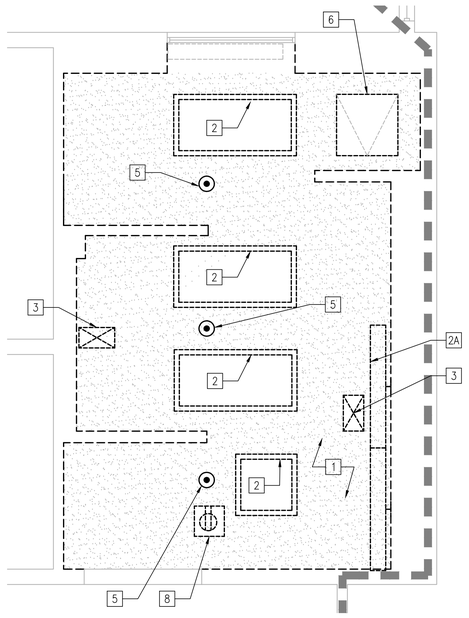
BUILDING 18 - 1st FLOOR MEN'S TOILET ROOM 18-118 DEMOLITION CEILING PLAN

1/2"=1'-0"



BUILDING 18 - 1st FLOOR MEN'S TOILET ROOM 18-144 DEMOLITION CEILING PLAN

1/2"=1'-0"



BUILDING 18 - 1st FLOOR WOMEN'S TOILET ROOM 18-157 DEMOLITION CEILING PLAN

1/2"=1'-0"

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

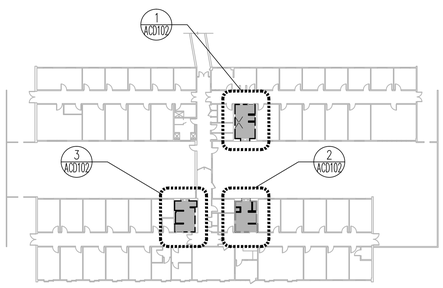
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[X] CEILING DEMOLITION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. REMOVE EXISTING FINISH CEILING IN ITS ENTIRETY, INCLUDING FINISH CEILING, GRID, HANGERS. SALVAGE EXISTING LIGHT FIXTURES AND TURN OVER TO VA FOR STORAGE.
2. REMOVE EXISTING LIGHT FIXTURES IN THEIR ENTIRETY. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
2A. REMOVE EXISTING WALL MOUNTED LIGHT FIXTURE IN ITS ENTIRETY. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
2B. REMOVE, SALVAGE AND STORE EXISTING LIGHT FIXTURE FOR REINSTALLATION FOLLOWING COMPLETION OF 13TH FLOOR WORK.
3. REMOVE EXISTING MECHANICAL SUPPLY DIFFUSERS. REFER TO MECHANICAL DRAWINGS FOR COMPLETE INFORMATION.
3A. REMOVE, SALVAGE, AND STORE EXISTING MECHANICAL SUPPLY DIFFUSER TO BE REINSTALLED IN CEILING FOLLOWING COMPLETION OF WORK FOR 13TH FLOOR.
4. REMOVE EXISTING MECHANICAL RETURN/EXHAUST GRILLES. REFER TO MECHANICAL DRAWINGS FOR COMPLETE INFORMATION.
4A. REMOVE, SALVAGE AND STORE EXISTING RETURN/EXHAUST GRILLES FOR REINSTALLATION FOLLOWING COMPLETION OF 13TH FLOOR WORK.
5. EXISTING SPRINKLER HEAD SHALL BE TURNED UP DURING CONSTRUCTION. REFER TO NEW PLAN DRAWINGS FOR LOCATION OF NEW SPRINKLER HEADS. MODIFY PIPING AS REQUIRED TO ACCOMMODATE NEW LOCATION.
5A. EXISTING SIDEWALL SPRINKLER TO BE REMOVED. PIPING TO BE MODIFIED TO CONNECT TO NEW CEILING MOUNTED SPRINKLER HEADS. REFER TO FIRE PROTECTION DRAWINGS.
6. REMOVE EXISTING ACCESS PANEL IN ITS ENTIRETY.
7. REMOVE EXISTING HORN/STROBE. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
8. REMOVE EXISTING CEILING MOUNTED ELECTRICAL POWER OUTLET. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
9. EXISTING CEILING GRID AND TILE TO REMAIN. REMOVE TILES AS REQUIRED FOR INSTALLATION OF MECHANICAL, ELECTRICAL, PLUMBING ABOVE FINISH CEILING. REPLACE ANY BROKEN TILES WITH NEW TO MATCH EXISTING. ALL OTHER CEILING MOUNTED ITEMS (LIGHTS, SPRINKLERS, ETC.) TO REMAIN. IF THEY ARE REQUIRED TO BE REMOVED FOR WORK ABOVE CEILING, THEY SHALL BE REPLACED AND RECONNECTED IN THEIR ORIGINAL LOCATION.



N

KEY PLAN - BUILDING 18- 1ST FLOOR

NTS

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com
700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 18 - FLOOR 1 DEMOLITION CEILING PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: JJ/JC

Project Number: 561-14-106

Building Number: 18

Drawing Number: ACD102

Office of Construction and Facilities Management

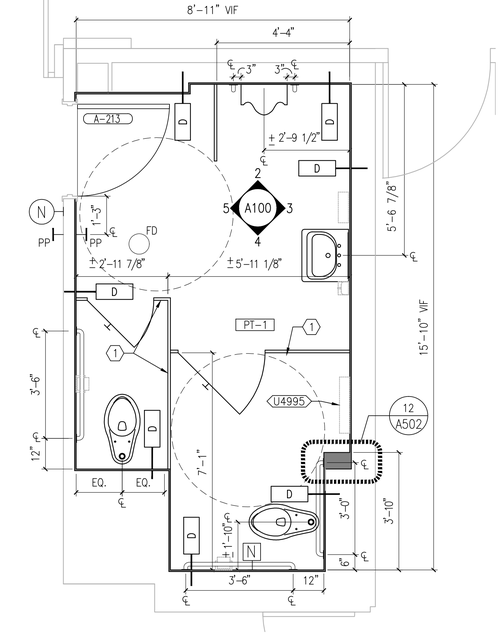
VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

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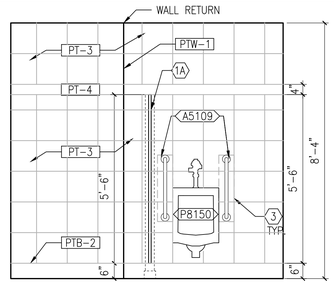
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VA FORM 08-6231



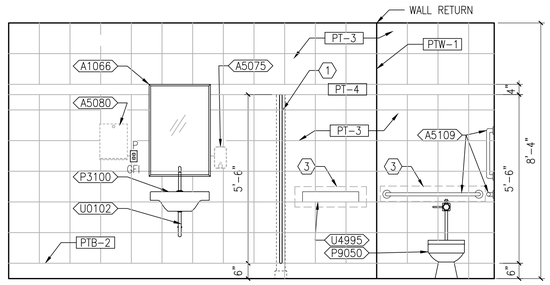
BUILDING 1 - FLOOR A MEN'S H.C. TOILET ROOM A-213 FLOOR PLAN

1 — 1/2"=1'-0"



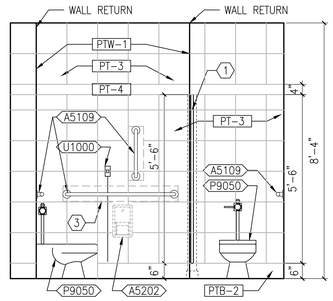
BUILDING 1 - FLOOR A TOILET ROOM A-213 INTERIOR ELEVATION

2 — 1/2"=1'-0"



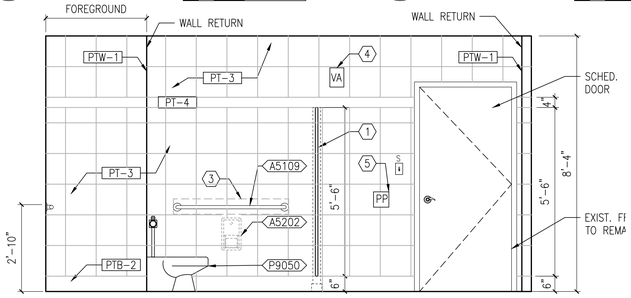
BUILDING 1 - FLOOR A TOILET ROOM A-213 INTERIOR ELEVATION

3 — 1/2"=1'-0"



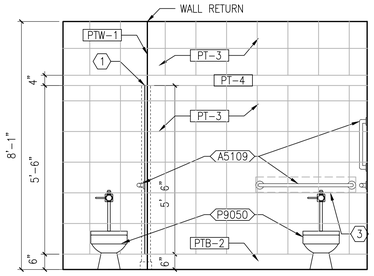
BUILDING 1 - FLOOR A TOILET ROOM A-213 INTERIOR ELEVATION

4 — 1/2"=1'-0"



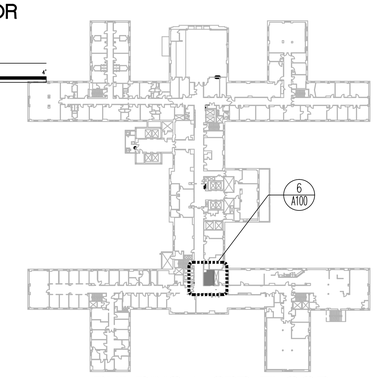
BUILDING 1 - FLOOR A TOILET ROOM A-213 INTERIOR ELEVATION

5 — 1/2"=1'-0"



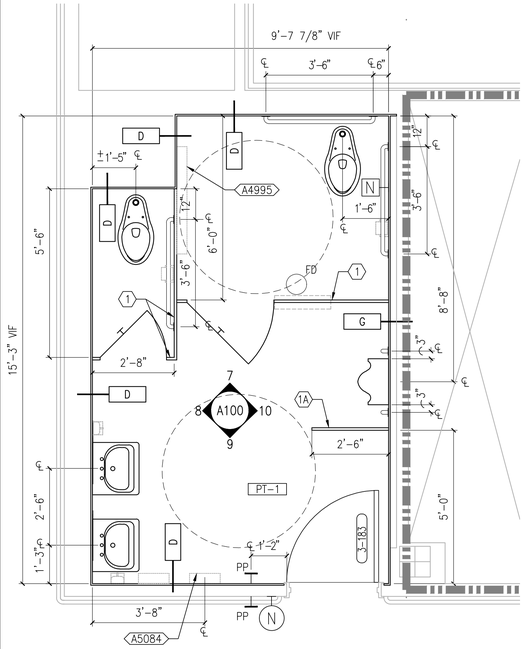
BUILDING 1 - 3rd FLOOR TOILET ROOM 3-183 INTERIOR ELEVATION

7 — 1/2"=1'-0"



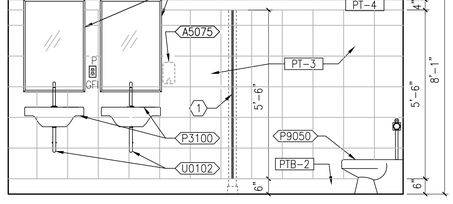
BUILDING 1- 3RD FLOOR KEY PLAN

NTS



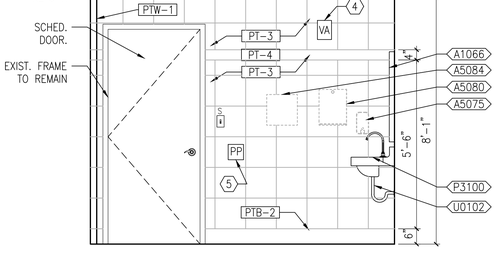
BUILDING 1 - 3rd FLOOR MEN'S H.C. TOILET ROOM 3-183 FLOOR PLAN

6 — 1/2"=1'-0"



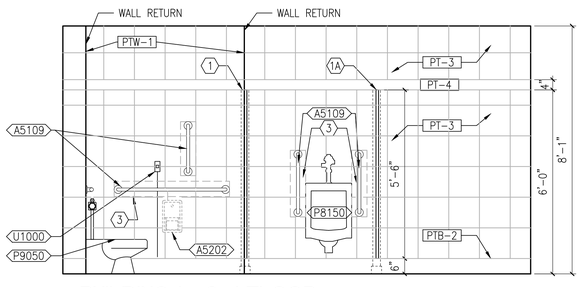
BUILDING 1 - 3rd FLOOR TOILET ROOM 3-183 INTERIOR ELEVATION

8 — 1/2"=1'-0"



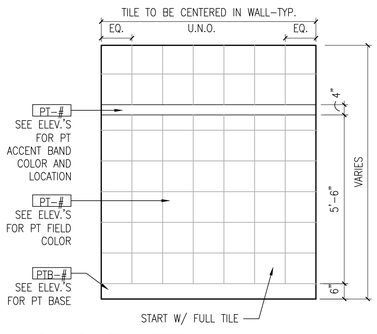
BUILDING 1 - 3rd FLOOR TOILET ROOM 3-183 INTERIOR ELEVATION

9 — 1/2"=1'-0"



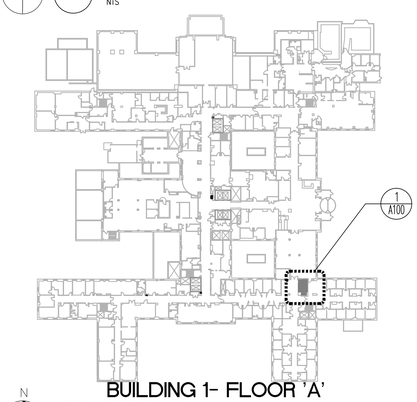
BUILDING 1 - 3rd FLOOR TOILET ROOM 3-183 INTERIOR ELEVATION

10 — 1/2"=1'-0"



BUILDING 1- TYP. TILE WALL ELEVATION

- — 1/2"=1'-0"



BUILDING 1- FLOOR 'A' KEY PLAN

NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL INTERIOR ELEVATION NOTES

A. REFER TO SHEET GI004 FOR INTERIOR ELEVATION LEGEND.
B. REFER TO SHEETS GI001 FOR GENERAL NOTES.
C. REFER TO SHEET GI005 FOR TYPICAL MOUNTING HEIGHTS AND GRAB BAR SIZES.
D. REFER TO SHEET A501 FOR TYPICAL WALL TYPES.
E. REFER TO SHEET A502, A503 FOR TYPICAL DETAILS.
F. REFER TO SHEET A601 FOR DOOR SCHEDULE.
G. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE AND ROOM FINISH LEGEND.
H. REFER TO SHEET I602 FOR FURNITURE AND EQUIPMENT SCHEDULE.
I. REFER TO SHEET I603 FOR INTERIOR ROOM SIGNAGE SCHEDULE AND DETAILS.
J. REFER TO SHEETS IF100 THRU IF102 FOR FLOOR FINISH PLANS.
K. REFER TO SHEET PLUMBING (P) SHEETS FOR PLUMBING FIXTURES.
L. REFER TO MECHANICAL (M) SHEETS FOR MECHANICAL EQUIPMENT.
M. REFER TO ELECTRICAL (E) SHEETS FOR ELECTRICAL EQUIPMENT.
N. PROVIDE 8" X 20 GAUGE CONTINUOUS BACK-UP BLOCKING PLATES SECURELY ANCHORED WITH FLAT HEAD SCREWS OVER METAL STUDS BEHIND ALL TOILET ACCESSORIES, BASE CABINETS, WALL CABINETS, MILLWORK, SHELVING, VISUAL DISPLAY BOARDS, WALL/HANDRAIL (NEW WALLS) AND ALL OTHER SURFACE MOUNTED ITEMS. REFER TO DETAIL ON SHEET A501.
O. PROVIDE CLEARANCE BETWEEN LAVATORY FAUCETS AND MIRROR ABOVE. REFER TO GI005.
P. PROVIDE CERAMIC BACKER BOARD, AT ALL WALLS TO RECEIVE FULL HEIGHT PORCELAIN TILE WALL FINISH, OVER EXISTING METAL STUDS.
Q. REFER TO CEILING PLANS FOR LOCATION OF NURSE PULL CORD LOCATION.
R. ALL INTERIOR WALL CORNERS WITH PORCELAIN TILE FINISH TO HAVE VERTICAL STAINLESS STEEL TRANSITION TRIM. REFER TO ROOM FINISH SCHEDULE AND DETAILS ON SHEET A503.
S. ALL OUTSIDE CORNERS WITH PORCELAIN TILE FINISH SHALL HAVE VERTICAL STAINLESS STEEL PROTECTION. REFER TO RM. FINISH SCHEDULE AND DETAILS ON SHEET A503.
T. ALL FLOOR/WALL TILE SHALL BE CENTERED IN THE FLOORS/WALLS (CORNER TO CORNER). SEE TYP. WALL TILE ELEVATION ON DRAWINGS FOR INFORMATION.
U. WALL BASE TILE TO ALIGN WITH WALL TILE.

(X) TOILET ROOM PLAN AND INTERIOR ELEVATION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. FLOOR MOUNTED TOILET PARTITION. SEE ROOM FINISH LEGEND.
1A. FLOOR MOUNTED PRIVACY SCREEN. SEE ROOM FINISH LEGEND.
1B. WALL MOUNTED URINAL SCREEN. SEE ROOM FINISH LEGEND.
2. SIDE GRAB BAR TO BE MOUNTED TO FLOOR AT RADIATOR LOCATIONS ONLY.
3. CONTINUOUS 8" HIGH, 20 GAUGE SHEET METAL BACKING PLATE BEHIND LOCATIONS OF WALL MOUNTED ACCESSORIES (TYP). REFER TO DETAIL ON SHEET A501.
4. WALL MOUNTED FIRE ALARM DEVICE. SEE ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
5. ADA COMPLIANT AUTOMATIC DOOR OPERATOR, REFER TO DOOR SCHEDULE SHEET A601.
6. NEW RADIATOR COVER TO REPLACE AND MATCH EXISTING.
7. ELECTRIC UNIT HEATER. SEE ELECTRICAL DWGS FOR ADDITIONAL INFORMATION.
8. PATCH AND REPAIR WALL WITH NEW METAL STUDS AND GYPSUM BOARD. REFER TO WALL PARTITION TYPE.
9. NEW DOUBLE SASH STORM WINDOW TO BE INSTALLED AND MECHANICALLY FASTENED TO NEW SOLID SURFACE SILL, RETURNS AND HEAD.
10. NEW SPANDREL PANEL TO BE INSTALLED IN EXISTING WINDOW UNIT.
11. WALL MOUNTED SHOWER SEAT.
12. INSTALL NEW BREAK METAL COVER (TO MATCH EXISTING REMOVED). COLOR TO MATCH NEW RADIATOR COVER.
13. DASHED RECTANGLE INDICATES AREA WHERE EXISTING RECESSED CONVECTOR UNIT HAS BEEN REMOVED. OPENING TO BE INFILLED WITH WALL CONSTRUCTION AND INSULATION TO MATCH EXISTING. PREPARE SURFACE TO RECEIVE NEW WALL FINISH.
14. PUSH PLATE TO REMAIN TO BE CONNECTED TO EMERGENCY POWER FOR CONTINUED USE DURING POWER OUTAGE. REFER TO ELECTRICAL DRAWINGS.
15. OUTSIDE CORNERS OF EXPOSED COUNTERTOPS TO HAVE 1" RADIUS.
16. PATCH/PAINT WALLS AT WINDOW ALCOVE.

(XXXXX) FIXTURE AND ACCESORIES

REFER TO SEPS-FURNITURE AND ACCESSORIES SCHEDULE FOR MORE INFORMATION.

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 1- FLOORS 'A', 3 PLANS AND INTERIOR ELEVATIONS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: ll/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: A100

Office of Construction and Facilities Management

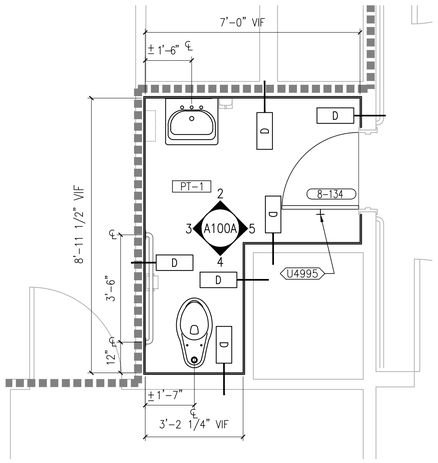
VA Department of Veterans Affairs

100% CONSTRUCTION DOCUMENTS FOR BID

VA FORM 08-6231

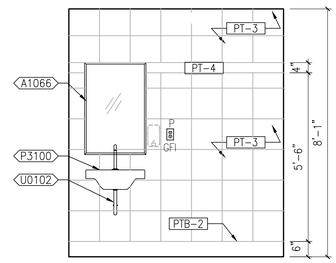
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one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
three inches = one foot
one and one half inches = one foot



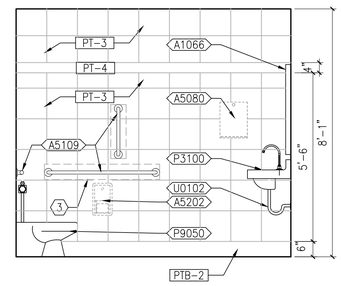
BUILDING 1 - 8th FLOOR UNISEX TOILET ROOM 8-134 FLOOR PLAN

1 — 1/2"=1'-0"



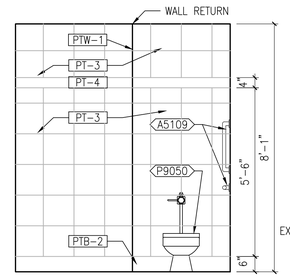
BUILDING 1 - 8th FLOOR TOILET ROOM 8-134 INTERIOR ELEVATION

2 — 1/2"=1'-0"



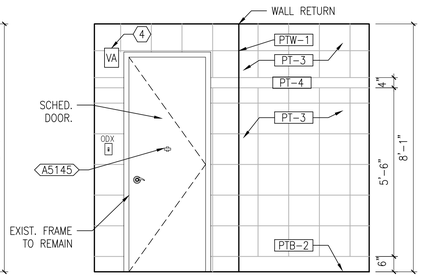
BUILDING 1 - 8th FLOOR TOILET ROOM 8-134 INTERIOR ELEVATION

3 — 1/2"=1'-0"



BUILDING 1 - 8th FLOOR TOILET ROOM 8-134 INTERIOR ELEVATION

4 — 1/2"=1'-0"



BUILDING 1 - 8th FLOOR TOILET ROOM 8-134 INTERIOR ELEVATION

5 — 1/2"=1'-0"

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

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D. REFER TO SHEET A501 FOR TYPICAL WALL TYPES.
E. REFER TO SHEET A502, A503 FOR TYPICAL DETAILS.
F. REFER TO SHEET A601 FOR DOOR SCHEDULE.
G. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE AND ROOM FINISH LEGEND.
H. REFER TO SHEET I602 FOR FURNITURE AND EQUIPMENT SCHEDULE.
I. REFER TO SHEET I603 FOR INTERIOR ROOM SIGNAGE SCHEDULE AND DETAILS.
J. REFER TO SHEETS IF100 THRU IF102 FOR FLOOR FINISH PLANS.
K. REFER TO SHEET PLUMBING (P) SHEETS FOR PLUMBING FIXTURES.
L. REFER TO MECHANICAL (M) SHEETS FOR MECHANICAL EQUIPMENT.
M. REFER TO ELECTRICAL (E) SHEETS FOR ELECTRICAL EQUIPMENT.
N. PROVIDE 8" X 20 GAUGE CONTINUOUS BACK-UP BLOCKING PLATES SECURELY ANCHORED WITH FLAT HEAD SCREWS OVER METAL STUDS BEHIND ALL TOILET ACCESSORIES, BASE CABINETS, WALL CABINETS, MILLWORK, SHELVING, VISUAL DISPLAY BOARDS, WALL/HANDRAIL (NEW WALLS) AND ALL OTHER SURFACE MOUNTED ITEMS. REFER TO DETAIL ON SHEET A501.
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Q. REFER TO CEILING PLANS FOR LOCATION OF NURSE PULL CORD LOCATION.
R. ALL INTERIOR WALL CORNERS WITH PORCELAIN TILE FINISH TO HAVE VERTICAL STAINLESS STEEL TRANSITION TRIM. REFER TO ROOM FINISH SCHEDULE AND DETAILS ON SHEET A503.
S. ALL OUTSIDE CORNERS WITH PORCELAIN TILE FINISH SHALL HAVE VERTICAL STAINLESS STEEL PROTECTION. REFER TO RM. FINISH SCHEDULE AND DETAILS ON SHEET A503.
T. ALL FLOOR/WALL TILE SHALL BE CENTERED IN THE FLOORS/WALLS (CORNER TO CORNER). SEE TYP. WALL TILE ELEVATION ON DRAWINGS FOR INFORMATION.
U. WALL BASE TILE TO ALIGN WITH WALL TILE.

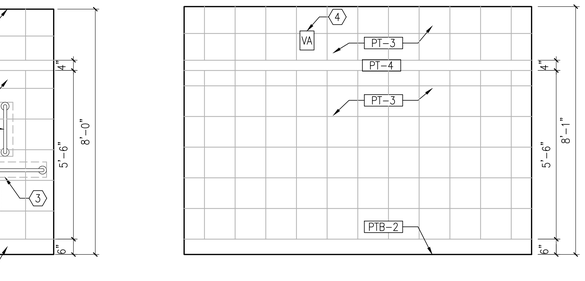
(X) TOILET ROOM PLAN AND INTERIOR ELEVATION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. FLOOR MOUNTED TOILET PARTITION. SEE ROOM FINISH LEGEND.
1A. FLOOR MOUNTED PRIVACY SCREEN. SEE ROOM FINISH LEGEND.
1B. WALL MOUNTED URINAL SCREEN. SEE ROOM FINISH LEGEND.
2. SIDE GRAB BAR TO BE MOUNTED TO FLOOR AT RADIATOR LOCATIONS ONLY.
3. CONTINUOUS 8" HIGH, 20 GAUGE SHEET METAL BACKING PLATE BEHIND LOCATIONS OF WALL MOUNTED ACCESSORIES (TYP). REFER TO DETAIL ON SHEET A501.
4. WALL MOUNTED FIRE ALARM DEVICE. SEE ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
5. ADA COMPLIANT AUTOMATIC DOOR OPERATOR, REFER TO DOOR SCHEDULE SHEET A601.
6. NEW RADIATOR COVER TO REPLACE AND MATCH EXISTING.
7. ELECTRIC UNIT HEATER. SEE ELECTRICAL DWGS FOR ADDITIONAL INFORMATION.
8. PATCH AND REPAIR WALL WITH NEW METAL STUDS AND GYPSUM BOARD. REFER TO WALL PARTITION TYPE.
9. NEW DOUBLE SASH STORM WINDOW TO BE INSTALLED AND MECHANICALLY FASTENED TO NEW SOLID SURFACE SILL, RETURNS AND HEAD.
10. NEW SPANDREL PANEL TO BE INSTALLED IN EXISTING WINDOW UNIT.
11. WALL MOUNTED SHOWER SEAT.
12. INSTALL NEW BREAK METAL COVER (TO MATCH EXISTING REMOVED). COLOR TO MATCH NEW RADIATOR COVER.
13. DASHED RECTANGLE INDICATES AREA WHERE EXISTING RECESSED CONVECTOR UNIT HAS BEEN REMOVED. OPENING TO BE INFILLED WITH WALL CONSTRUCTION AND INSULATION TO MATCH EXISTING. PREPARE SURFACE TO RECEIVE NEW WALL FINISH.
14. PUSH PLATE TO REMAIN TO BE CONNECTED TO EMERGENCY POWER FOR CONTINUED USE DURING POWER OUTAGE. REFER TO ELECTRICAL DRAWINGS.
15. OUTSIDE CORNERS OF EXPOSED COUNTERTOPS TO HAVE 1" RADIUS.
16. PATCH/PAINT WALLS AT WINDOW ALCOVE.

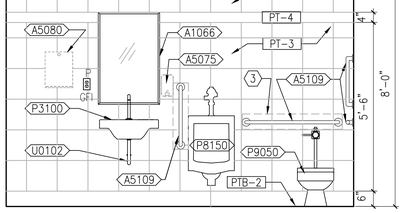
<XXXX> FIXTURE AND ACCESORIES

REFER TO SEPS-FURNITURE AND ACCESSORIES SCHEDULE FOR MORE INFORMATION.



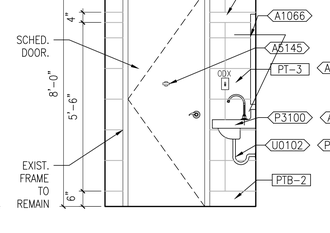
BUILDING 1 - 10th FLOOR UNISEX TOILET ROOM 10-183 FLOOR PLAN

6 — 1/2"=1'-0"



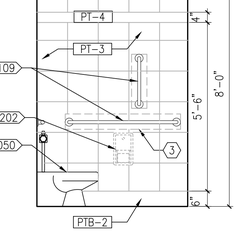
BUILDING 1 - 10th FLOOR TOILET ROOM 10-183 INTERIOR ELEVATION

7 — 1/2"=1'-0"



BUILDING 1 - 10th FLOOR TOILET ROOM 10-183 INTERIOR ELEVATION

8 — 1/2"=1'-0"

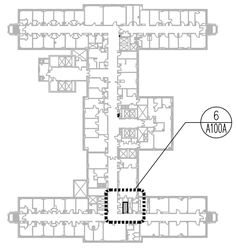


BUILDING 1 - 10th FLOOR TOILET ROOM 10-183 INTERIOR ELEVATION

9 — 1/2"=1'-0"

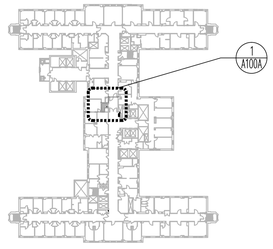
BUILDING 1 - 10th FLOOR TOILET ROOM 10-183 INTERIOR ELEVATION

10 — 1/2"=1'-0"



BUILDING 1- 10TH FLOOR KEY PLAN

NTS



BUILDING 1- 8TH FLOOR KEY PLAN

NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
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700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 1 - FLOORS 8, 10 PLANS AND INTERIOR ELEVATIONS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: ll/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: A100A

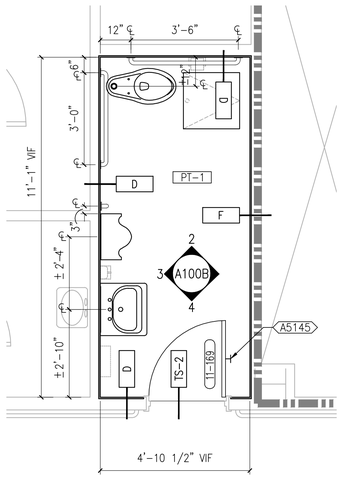
Office of Construction and Facilities Management

VA Department of Veterans Affairs

100% CONSTRUCTION DOCUMENTS FOR BID

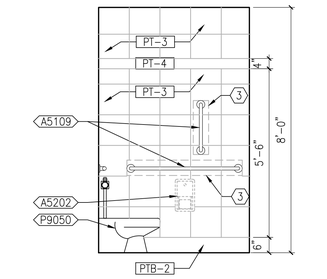
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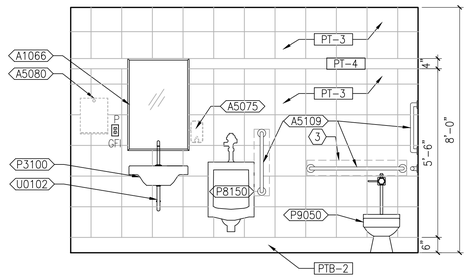
BUILDING 1 - 11th FLOOR UNISEX TOILET ROOM 11-169 FLOOR PLAN

1 — 1/2"=1'-0"



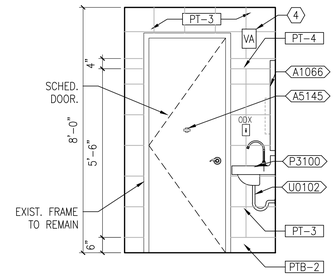
BUILDING 1 - 11th FLOOR TOILET ROOM 11-169 INTERIOR ELEVATION

2 — 1/2"=1'-0"



BUILDING 1 - 11th FLOOR TOILET ROOM 11-169 INTERIOR ELEVATION

3 — 1/2"=1'-0"



BUILDING 1 - 11th FLOOR TOILET ROOM 11-169 INTERIOR ELEVATION

4 — 1/2"=1'-0"

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RAT

GENERAL INTERIOR ELEVATION NOTES

A. REFER TO SHEET GI004 FOR INTERIOR ELEVATION LEGEND.
B. REFER TO SHEETS GI001 FOR GENERAL NOTES.
C. REFER TO SHEET GI005 FOR TYPICAL MOUNTING HEIGHTS AND GRAB BAR SIZES.
D. REFER TO SHEET A501 FOR TYPICAL WALL TYPES.
E. REFER TO SHEET A502, A503 FOR TYPICAL DETAILS.
F. REFER TO SHEET A601 FOR DOOR SCHEDULE.
G. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE AND ROOM FINISH LEGEND.
H. REFER TO SHEET I602 FOR FURNITURE AND EQUIPMENT SCHEDULE.
I. REFER TO SHEET I603 FOR INTERIOR ROOM SIGNAGE SCHEDULE AND DETAILS.
J. REFER TO SHEETS IF100 THRU IF102 FOR FLOOR FINISH PLANS.
K. REFER TO SHEET PLUMBING (P) SHEETS FOR PLUMBING FIXTURES.
L. REFER TO MECHANICAL (M) SHEETS FOR MECHANICAL EQUIPMENT.
M. REFER TO ELECTRICAL (E) SHEETS FOR ELECTRICAL EQUIPMENT.
N. PROVIDE 8" X 20 GAUGE CONTINUOUS BACK-UP BLOCKING PLATES SECURELY ANCHORED WITH FLAT HEAD SCREWS OVER METAL STUDS BEHIND ALL TOILET ACCESSORIES, BASE CABINETS, WALL CABINETS, MILLWORK, SHELVING, VISUAL DISPLAY BOARDS, WALL/HANDRAIL (NEW WALLS) AND ALL OTHER SURFACE MOUNTED ITEMS. REFER TO DETAIL ON SHEET A501.
O. PROVIDE CLEARANCE BETWEEN LAVATORY FAUCETS AND MIRROR ABOVE. REFER TO GI005.
P. PROVIDE CERAMIC BACKER BOARD, AT ALL WALLS TO RECEIVE FULL HEIGHT PORCELAIN TILE WALL FINISH, OVER EXISTING METAL STUDS.
Q. REFER TO CEILING PLANS FOR LOCATION OF NURSE PULL CORD LOCATION.
R. ALL INTERIOR WALL CORNERS WITH PORCELAIN TILE FINISH TO HAVE VERTICAL STAINLESS STEEL TRANSITION TRIM. REFER TO ROOM FINISH SCHEDULE AND DETAILS ON SHEET A503.
S. ALL OUTSIDE CORNERS WITH PORCELAIN TILE FINISH SHALL HAVE VERTICAL STAINLESS STEEL PROTECTION. REFER TO RM. FINISH SCHEDULE AND DETAILS ON SHEET A503.
T. ALL FLOOR/WALL TILE SHALL BE CENTERED IN THE FLOORS/WALLS (CORNER TO CORNER). SEE TYP. WALL TILE ELEVATION ON DRAWINGS FOR INFORMATION.
U. WALL BASE TILE TO ALIGN WITH WALL TILE.

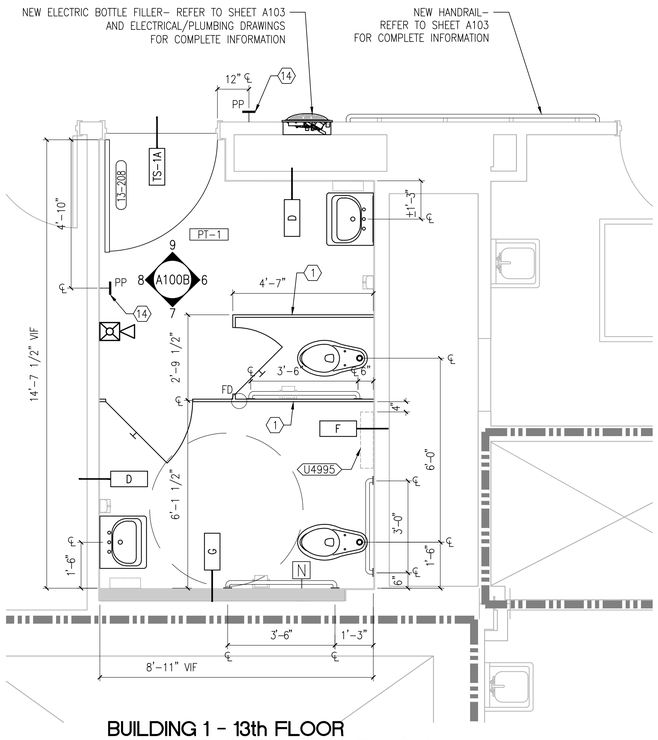
(X) TOILET ROOM PLAN AND INTERIOR ELEVATION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. FLOOR MOUNTED TOILET PARTITION. SEE ROOM FINISH LEGEND.
1A. FLOOR MOUNTED PRIVACY SCREEN. SEE ROOM FINISH LEGEND.
1B. WALL MOUNTED URINAL SCREEN. SEE ROOM FINISH LEGEND.
2. SIDE GRAB BAR TO BE MOUNTED TO FLOOR AT RADIATOR LOCATIONS ONLY.
3. CONTINUOUS 8" HIGH, 20 GAUGE SHEET METAL BACKING PLATE BEHIND LOCATIONS OF WALL MOUNTED ACCESSORIES (TYP). REFER TO DETAIL ON SHEET A501.
4. WALL MOUNTED FIRE ALARM DEVICE. SEE ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
5. ADA COMPLIANT AUTOMATIC DOOR OPERATOR, REFER TO DOOR SCHEDULE SHEET A601.
6. NEW RADIATOR COVER TO REPLACE AND MATCH EXISTING.
7. ELECTRIC UNIT HEATER. SEE ELECTRICAL DWGS FOR ADDITIONAL INFORMATION.
8. PATCH AND REPAIR WALL WITH NEW METAL STUDS AND GYPSUM BOARD. REFER TO WALL PARTITION TYPE.
9. NEW DOUBLE SASH STORM WINDOW TO BE INSTALLED AND MECHANICALLY FASTENED TO NEW SOLID SURFACE SILL, RETURNS AND HEAD.
10. NEW SPANDREL PANEL TO BE INSTALLED IN EXISTING WINDOW UNIT.
11. WALL MOUNTED SHOWER SEAT.
12. INSTALL NEW BREAK METAL COVER (TO MATCH EXISTING REMOVED). COLOR TO MATCH NEW RADIATOR COVER.
13. DASHED RECTANGLE INDICATES AREA WHERE EXISTING RECESSED CONVECTOR UNIT HAS BEEN REMOVED. OPENING TO BE INFILLED WITH WALL CONSTRUCTION AND INSULATION TO MATCH EXISTING. PREPARE SURFACE TO RECEIVE NEW WALL FINISH.
14. PUSH PLATE TO REMAIN TO BE CONNECTED TO EMERGENCY POWER FOR CONTINUED USE DURING POWER OUTAGE. REFER TO ELECTRICAL DRAWINGS.
15. OUTSIDE CORNERS OF EXPOSED COUNTERTOPS TO HAVE 1" RADIUS.
16. PATCH/PAINT WALLS AT WINDOW ALCOVE.

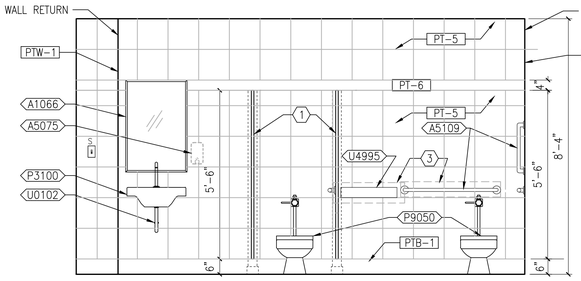
(XXXX) FIXTURE AND ACCESORIES

REFER TO SEPS-FURNITURE AND ACCESSORIES SCHEDULE FOR MORE INFORMATION.



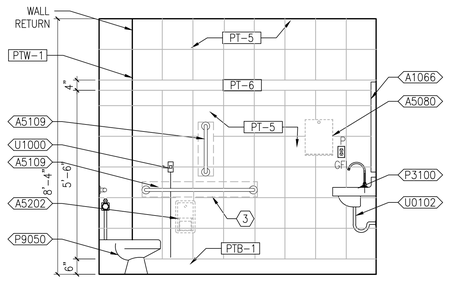
BUILDING 1 - 13th FLOOR WOMEN'S H.C. TOILET ROOM 13-208 FLOOR PLAN

5 — 1/2"=1'-0"



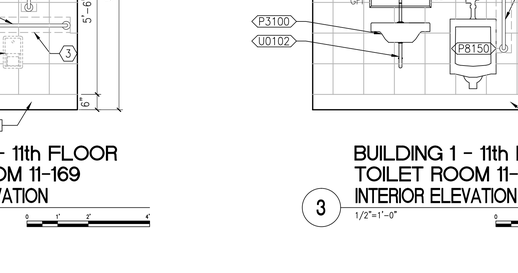
BUILDING 1 - 13th FLOOR TOILET ROOM 13-208 INTERIOR ELEVATION

6 — 1/2"=1'-0"



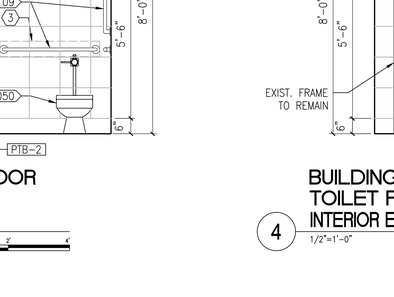
BUILDING 1 - 13th FLOOR TOILET ROOM 13-208 INTERIOR ELEVATION

7 — 1/2"=1'-0"



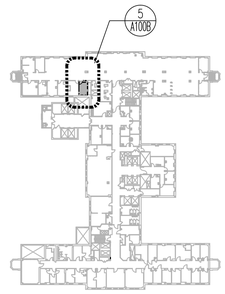
BUILDING 1 - 13th FLOOR TOILET ROOM 13-208 INTERIOR ELEVATION

8 — 1/2"=1'-0"



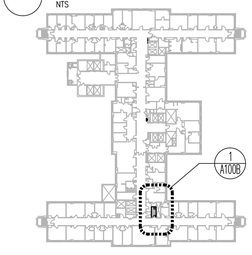
BUILDING 1 - 13th FLOOR TOILET ROOM 13-208 INTERIOR ELEVATION

9 — 1/2"=1'-0"



BUILDING 1- 13TH FLOOR KEY PLAN

NTS



BUILDING 1- 11TH FLOOR KEY PLAN

NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 1- FLOORS 11, 13 PLANS AND INTERIOR ELEVATIONS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: A100B

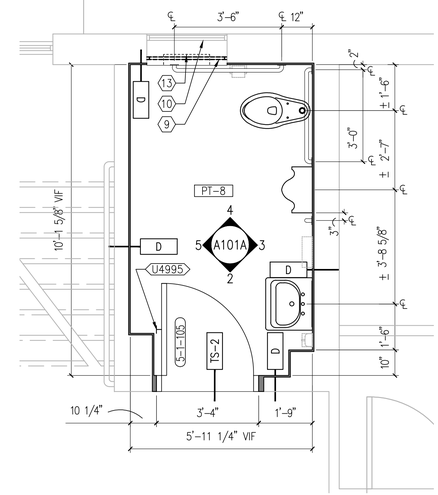
Office of Construction and Facilities Management

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VA FORM 08-6231

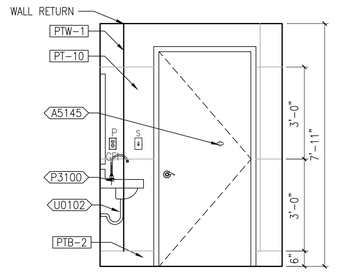
100% CONSTRUCTION DOCUMENTS FOR BID

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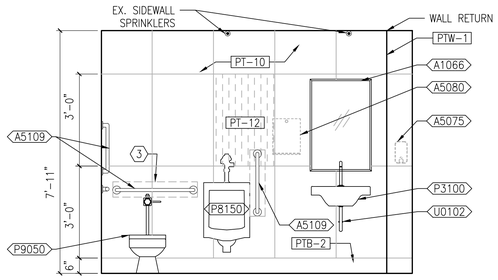
BUILDING 5 - 1ST FLOOR MEN'S TOILET ROOM 5-1-105 FLOOR PLAN

1 — 1/2"=1'-0"



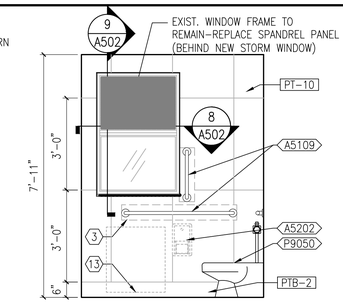
BUILDING 5 - 1ST FLOOR TOILET ROOM 5-1-105 INTERIOR ELEVATION

2 — 1/2"=1'-0"



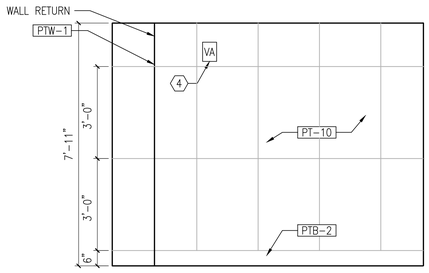
BUILDING 5 - 1ST FLOOR TOILET ROOM 5-1-105 INTERIOR ELEVATION

3 — 1/2"=1'-0"



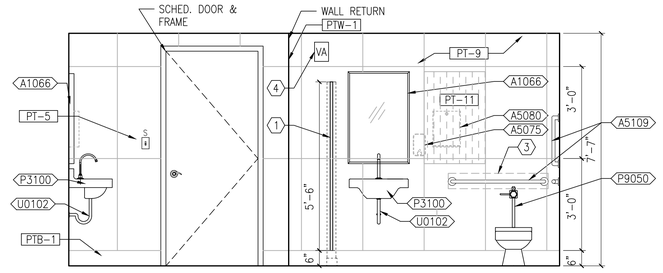
BUILDING 5 - 1ST FLOOR TOILET ROOM 5-1-105 INTERIOR ELEVATION

4 — 1/2"=1'-0"



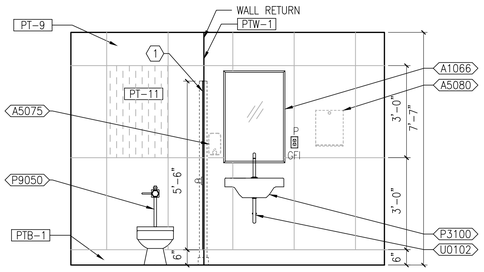
BUILDING 5 - 1ST FLOOR TOILET ROOM 5-1-105 INTERIOR ELEVATION

5 — 1/2"=1'-0"



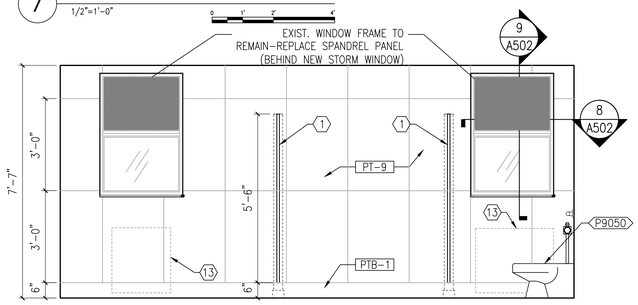
BUILDING 5 - 1ST FLOOR TOILET ROOM 5-1-106 INTERIOR ELEVATION

7 — 1/2"=1'-0"



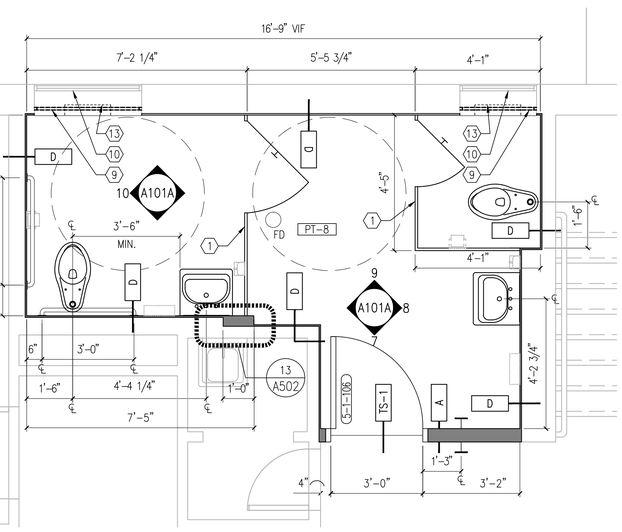
BUILDING 5 - 1ST FLOOR TOILET ROOM 5-1-106 INTERIOR ELEVATION

8 — 1/2"=1'-0"



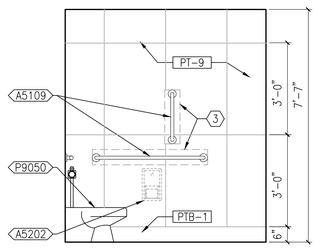
BUILDING 5 - 1ST FLOOR TOILET ROOM 5-1-106 INTERIOR ELEVATION

9 — 1/2"=1'-0"



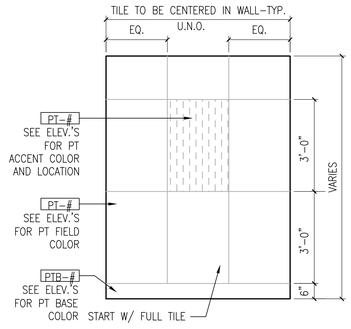
BUILDING 5 - 1ST FLOOR WOMEN'S H.C. TOILET ROOM 5-1-106 FLOOR PLAN

6 — 1/2"=1'-0"



BUILDING 5 - 1ST FLOOR TOILET ROOM 5-1-106 INTERIOR ELEVATION

10 — 1/2"=1'-0"



BUILDING 5- TYP. WALL TILE ELEVATION

– — 1/2"=1'-0"

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL INTERIOR ELEVATION NOTES

A. REFER TO SHEET GI004 FOR INTERIOR ELEVATION LEGEND.
B. REFER TO SHEETS GI001 FOR GENERAL NOTES.
C. REFER TO SHEET GI005 FOR TYPICAL MOUNTING HEIGHTS AND GRAB BAR SIZES.
D. REFER TO SHEET A501 FOR TYPICAL WALL TYPES.
E. REFER TO SHEET A502, A503 FOR TYPICAL DETAILS.
F. REFER TO SHEET A601 FOR DOOR SCHEDULE.
G. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE AND ROOM FINISH LEGEND.
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U. WALL BASE TILE TO ALIGN WITH WALL TILE.

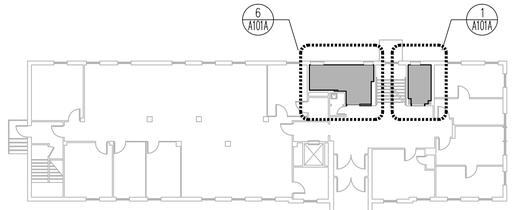
(X) TOILET ROOM PLAN AND INTERIOR ELEVATION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

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1A. FLOOR MOUNTED PRIVACY SCREEN. SEE ROOM FINISH LEGEND.
1B. WALL MOUNTED URINAL SCREEN. SEE ROOM FINISH LEGEND.
2. SIDE GRAB BAR TO BE MOUNTED TO FLOOR AT RADIATOR LOCATIONS ONLY.
3. CONTINUOUS 8" HIGH, 20 GAUGE SHEET METAL BACKING PLATE BEHIND LOCATIONS OF WALL MOUNTED ACCESSORIES (TYP). REFER TO DETAIL ON SHEET A501.
4. WALL MOUNTED FIRE ALARM DEVICE. SEE ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
5. ADA COMPLIANT AUTOMATIC DOOR OPERATOR, REFER TO DOOR SCHEDULE SHEET A601.
6. NEW RADIATOR COVER TO REPLACE AND MATCH EXISTING.
7. ELECTRIC UNIT HEATER. SEE ELECTRICAL DWGS FOR ADDITIONAL INFORMATION.
8. PATCH AND REPAIR WALL WITH NEW METAL STUDS AND GYPSUM BOARD. REFER TO WALL PARTITION TYPE.
9. NEW DOUBLE SASH STORM WINDOW TO BE INSTALLED AND MECHANICALLY FASTENED TO NEW SOLID SURFACE SILL, RETURNS AND HEAD.
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12. INSTALL NEW BREAK METAL COVER (TO MATCH EXISTING REMOVED). COLOR TO MATCH NEW RADIATOR COVER.
13. DASHED RECTANGLE INDICATES AREA WHERE EXISTING RECESSED CONVECTOR UNIT HAS BEEN REMOVED. OPENING TO BE INFILLED WITH WALL CONSTRUCTION AND INSULATION TO MATCH EXISTING. PREPARE SURFACE TO RECEIVE NEW WALL FINISH.
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15. OUTSIDE CORNERS OF EXPOSED COUNTERTOPS TO HAVE 1" RADIUS.
16. PATCH/PAINT WALLS AT WINDOW ALCOVE.

(XXXXX) FIXTURE AND ACCESORIES

REFER TO SEPS-FURNITURE AND ACCESSORIES SCHEDULE FOR MORE INFORMATION.



BUILDING 5- 1ST FLOOR KEY PLAN

NTS

VA CONTRACT NO. 36C242-18-C-0004

Revisions:	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
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25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 5- FLOOR 1 PLANS AND INTERIOR ELEVATIONS

Approved Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number: 5

Drawing Number: A101A

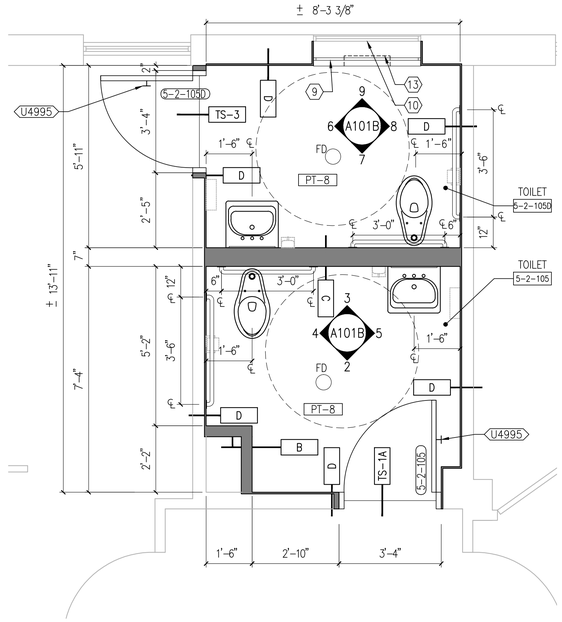
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

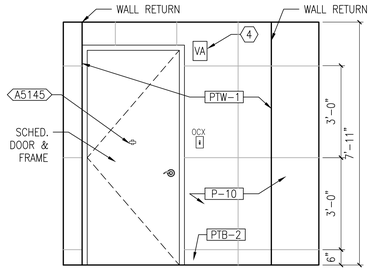
100% CONSTRUCTION DOCUMENTS FOR BID

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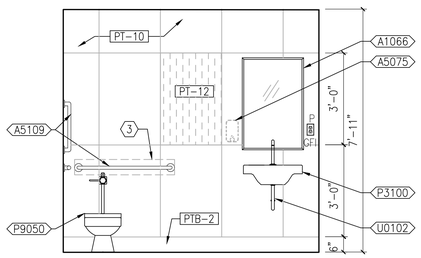
BUILDING 5 - 2ND FLOOR UNISEX H.C. TOILET ROOMS 5-2-105 AND 5-2-105D FLOOR PLANS

1 1/2"=1'-0"



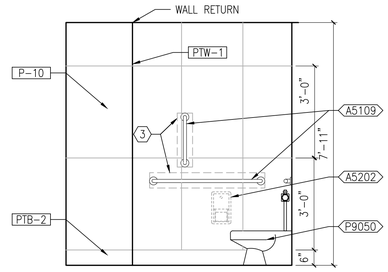
BUILDING 5 - 2ND FLOOR TOILET ROOM 5-2-105 INTERIOR ELEVATION

2 1/2"=1'-0"



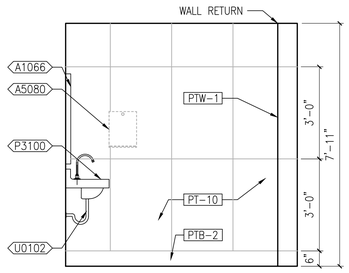
BUILDING 5 - 2ND FLOOR TOILET ROOM 5-2-105 ELEVATION @ TOILET RM. 5-2-105

3 1/2"=1'-0"



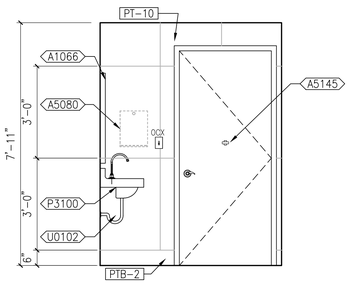
BUILDING 5 - 2ND FLOOR TOILET ROOM 5-2-105 ELEVATION @ TOILET RM. 5-2-105

4 1/2"=1'-0"



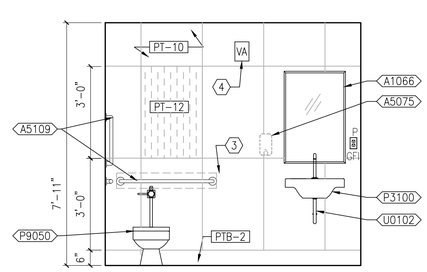
BUILDING 5 - 2ND FLOOR TOILET ROOM 5-2-105 INTERIOR ELEVATION

5 1/2"=1'-0"



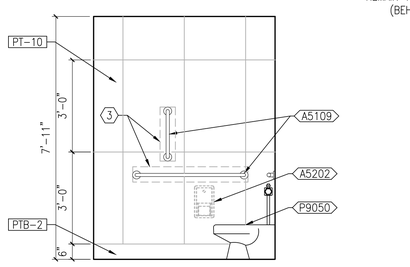
BUILDING 5 - 2ND FLOOR TOILET ROOM 5-2-105D INTERIOR ELEVATION

6 1/2"=1'-0"



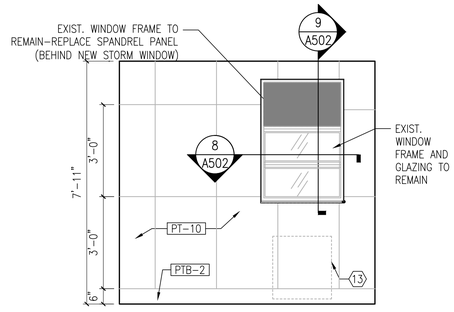
BUILDING 5 - 2ND FLOOR TOILET ROOM 5-2-105D INTERIOR ELEVATION

7 1/2"=1'-0"



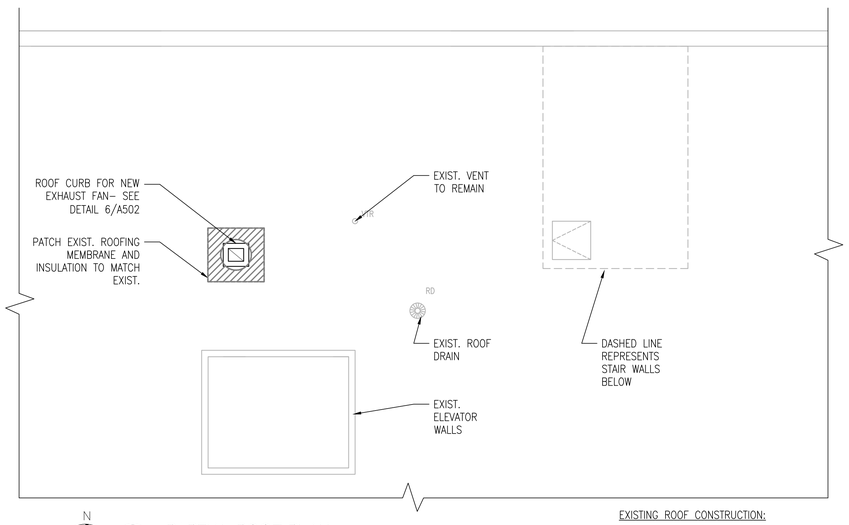
BUILDING 5 - 2ND FLOOR TOILET ROOM 5-2-105D INTERIOR ELEVATION

8 1/2"=1'-0"



BUILDING 5 - 2ND FLOOR TOILET ROOM 5-2-105D INTERIOR ELEVATION

9 1/2"=1'-0"



PARTIAL ROOF PLAN

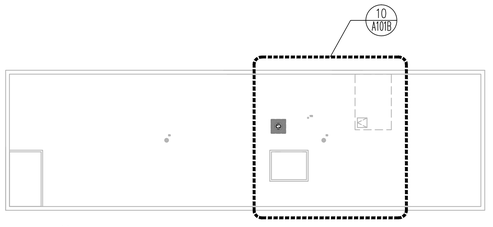
10 1/2"=1'-0"

EXISTING ROOF CONSTRUCTION:

EPDM SINGLE PLY, SMOOTH WHITE MEMBRANE OVER 1" POLYISOCYANURATE INSULATION, MECHANICALLY ATTACHED, OVER 2" POLYISOCYANURATE INSULATION, HOT ADHERED, OVER ORGANIC FELT VAPOR BARRIER OVER CONCRETE DECK.

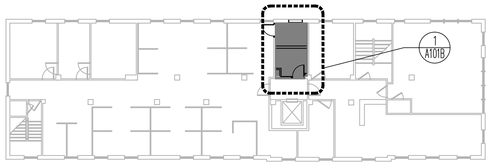
ALL DEMOLITION AND NEW CURB INSTALLATION WORK SHALL BE COMPLETED IN THE SAME WORK DAY SUCH THAT A WATERTIGHT CAPPED ROOF CURB WILL BE READY FOR THE EXHAUST FAN INSTALLATION.

EXISTING ROOF IS NOT UNDER WARRANTY. ALL WORK SHALL COMPLY WITH THE INSTALLATION RECOMMENDATIONS OF THE MEMBRANE MANUFACTURER OF THE PRODUCT BEING USED AS WELL AS ALL APPLICABLE NRCA RECOMMENDED DETAILS.



KEY PLAN - BUILDING 5 - ROOF

NTS



KEY PLAN - BUILDING 5 - 2ND FLOOR

NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL INTERIOR ELEVATION NOTES

A. REFER TO SHEET GI004 FOR INTERIOR ELEVATION LEGEND.
B. REFER TO SHEETS GI001 FOR GENERAL NOTES.
C. REFER TO SHEET GI005 FOR TYPICAL MOUNTING HEIGHTS AND GRAB BAR SIZES.
D. REFER TO SHEET A501 FOR TYPICAL WALL TYPES.
E. REFER TO SHEET A502, A503 FOR TYPICAL DETAILS.
F. REFER TO SHEET A601 FOR DOOR SCHEDULE.
G. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE AND ROOM FINISH LEGEND.
H. REFER TO SHEET I602 FOR FURNITURE AND EQUIPMENT SCHEDULE.
I. REFER TO SHEET I603 FOR INTERIOR ROOM SIGNAGE SCHEDULE AND DETAILS.
J. REFER TO SHEETS IF100 THRU IF102 FOR FLOOR FINISH PLANS.
K. REFER TO SHEET PLUMBING (P) SHEETS FOR PLUMBING FIXTURES.
L. REFER TO MECHANICAL (M) SHEETS FOR MECHANICAL EQUIPMENT.
M. REFER TO ELECTRICAL (E) SHEETS FOR ELECTRICAL EQUIPMENT.
N. PROVIDE 8" X 20 GAUGE CONTINUOUS BACK-UP BLOCKING PLATES SECURELY ANCHORED WITH FLAT HEAD SCREWS OVER METAL STUDS BEHIND ALL TOILET ACCESSORIES, BASE CABINETS, WALL CABINETS, MILLWORK, SHELVING, VISUAL DISPLAY BOARDS, WALL/HANDRAIL (NEW WALLS) AND ALL OTHER SURFACE MOUNTED ITEMS. REFER TO DETAIL ON SHEET A501.
O. PROVIDE CLEARANCE BETWEEN LAVATORY FAUCETS AND MIRROR ABOVE. REFER TO GI005.
P. PROVIDE CERAMIC BACKER BOARD, AT ALL WALLS TO RECEIVE FULL HEIGHT PORCELAIN TILE WALL FINISH, OVER EXISTING METAL STUDS.
Q. REFER TO CEILING PLANS FOR LOCATION OF NURSE PULL CORD LOCATION.
R. ALL INTERIOR WALL CORNERS WITH PORCELAIN TILE FINISH TO HAVE VERTICAL STAINLESS STEEL TRANSITION TRIM. REFER TO ROOM FINISH SCHEDULE AND DETAILS ON SHEET A503.
S. ALL OUTSIDE CORNERS WITH PORCELAIN TILE FINISH SHALL HAVE VERTICAL STAINLESS STEEL PROTECTION. REFER TO RM. FINISH SCHEDULE AND DETAILS ON SHEET A503.
T. ALL FLOOR/WALL TILE SHALL BE CENTERED IN THE FLOORS/WALLS (CORNER TO CORNER). SEE TYP. WALL TILE ELEVATION ON DRAWINGS FOR INFORMATION.
U. WALL BASE TILE TO ALIGN WITH WALL TILE.

⟨X⟩ TOILET ROOM PLAN AND INTERIOR ELEVATION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

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REFER TO SEPS–FURNITURE AND ACCESSORIES SCHEDULE FOR MORE INFORMATION.

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
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95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 5- FLOOR 2, ROOF PLANS AND INTERIOR ELEVATIONS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: ll/JC

Project Number: 561-14-106

Building Number: 5

Drawing Number: A101B

Office of Construction and Facilities Management

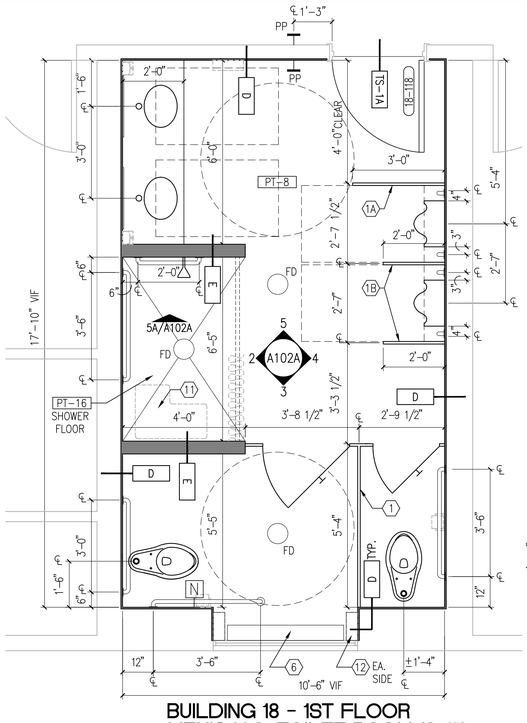
VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

VA FORM 08-6231

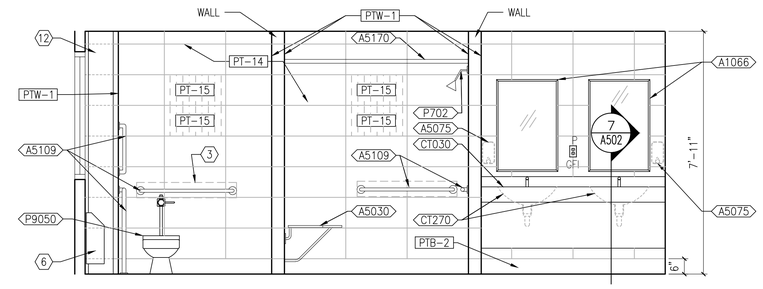
100% CONSTRUCTION DOCUMENTS FOR BID

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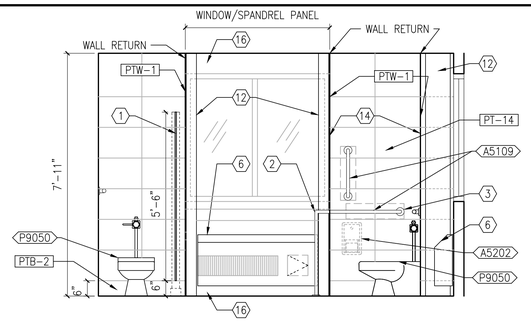
BUILDING 18 - 1ST FLOOR MEN'S H.C. TOILET ROOM 18-118 FLOOR PLAN

1 — 1/2"=1'-0"



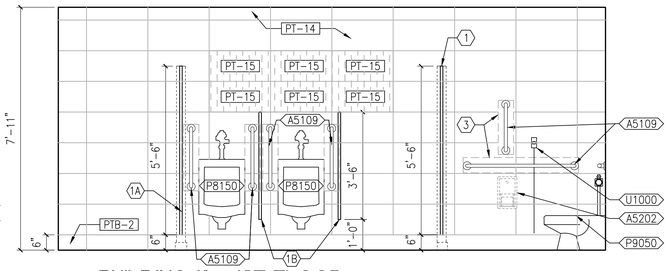
BUILDING 18 - 1ST FLOOR TOILET ROOM 18-118 INTERIOR ELEVATION

2 — 1/2"=1'-0"



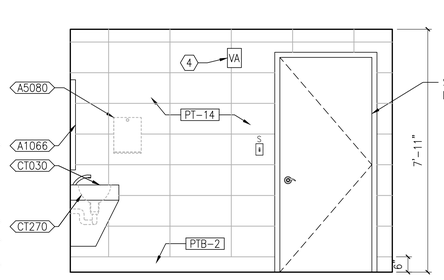
BUILDING 18 - 1ST FLOOR TOILET ROOM 18-118 ELEVATION @ TOILET RM. 18-118

3 — 1/2"=1'-0"



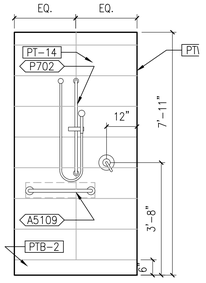
BUILDING 18 - 1ST FLOOR TOILET ROOM 18-118 INTERIOR ELEVATION

4 — 1/2"=1'-0"



BUILDING 18 - 1ST FLOOR TOILET ROOM 18-118 INTERIOR ELEVATION

5 — 1/2"=1'-0"



BUILDING 18 - 1ST FLOOR TOILET ROOM 18-118 INTERIOR ELEVATION

5A — 1/2"=1'-0"

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

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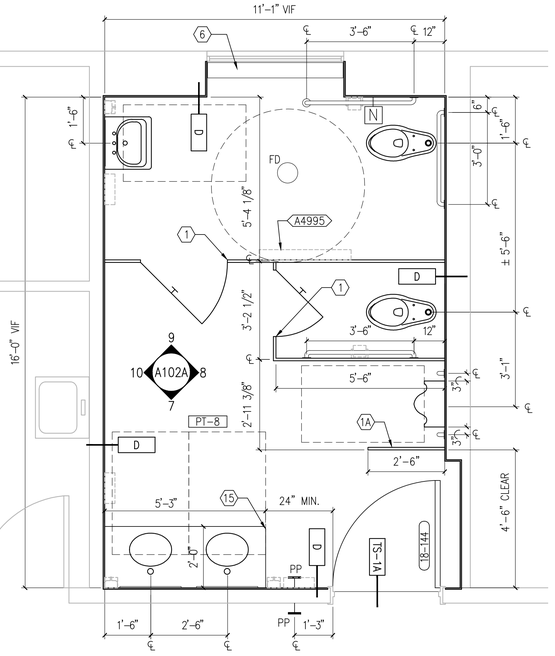
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16. PATCH/PAINT WALLS AT WINDOW ALCOVE.

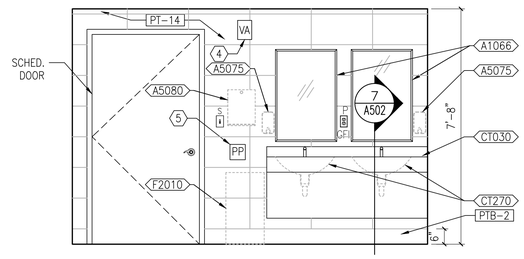
(XXXXX) FIXTURE AND ACCESORIES

REFER TO SEPS-FURNITURE AND ACCESSORIES SCHEDULE FOR MORE INFORMATION.



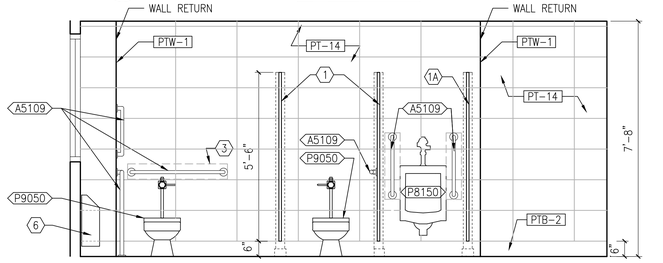
BUILDING 18 - 1ST FLOOR MEN'S H.C. TOILET ROOM 18-144 FLOOR PLAN

6 — 1/2"=1'-0"



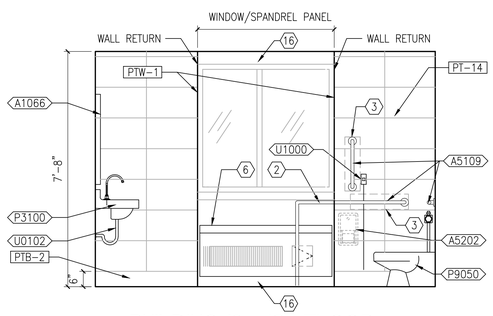
BUILDING 18 - 1ST FLOOR TOILET ROOM 18-144 ELEVATION @ TOILET RM. 18-144

7 — 1/2"=1'-0"



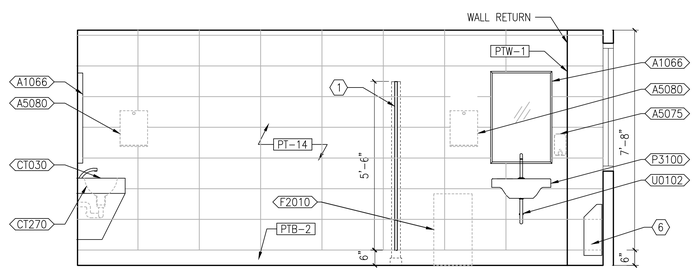
BUILDING 18 - 1ST FLOOR TOILET ROOM 18-144 ELEVATION @ TOILET RM. 18-144

8 — 1/2"=1'-0"



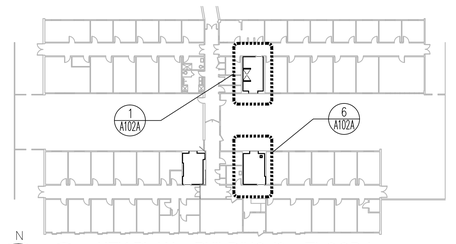
BUILDING 18 - 1ST FLOOR TOILET ROOM 18-144 ELEVATION @ TOILET RM. 18-144

9 — 1/2"=1'-0"



BUILDING 18 - 1ST FLOOR TOILET ROOM 18-144 ELEVATION @ TOILET RM. 18-144

10 — 1/2"=1'-0"



N

KEY PLAN - BUILDING 18 - FLOOR 1

NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd. Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

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Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 18 - FLOOR 1 PLANS AND INTERIOR ELEVATIONS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: IJ/JC

Project Number: 561-14-106

Building Number: 18

Drawing Number: A102A

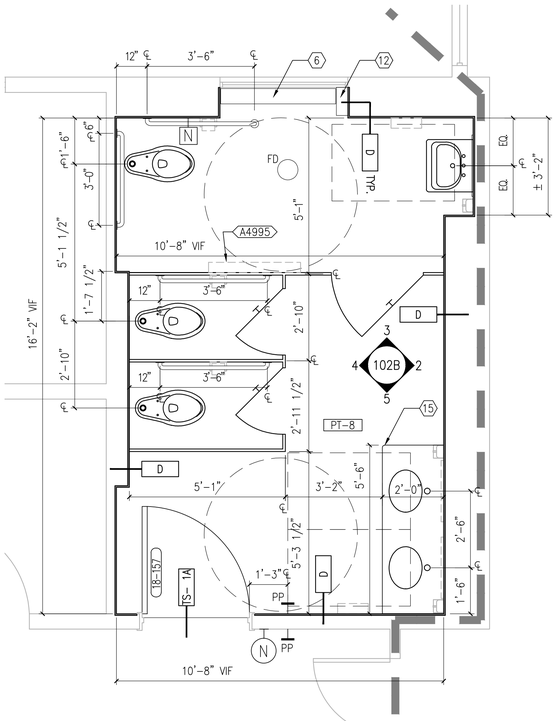
Office of Construction and Facilities Management

VA Department of Veterans Affairs

100% CONSTRUCTION DOCUMENTS FOR BID

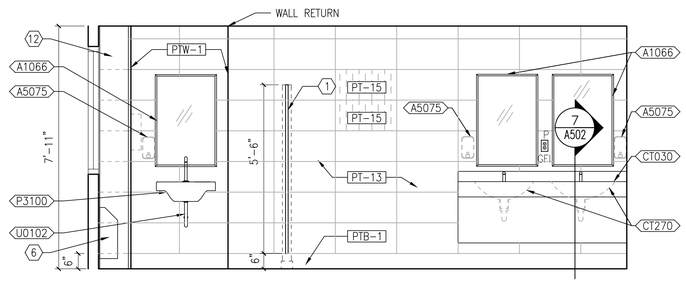
VA FORM 08-6231

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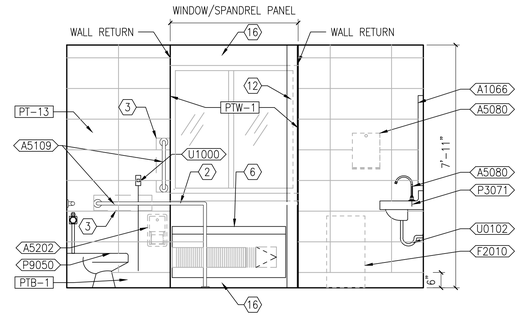
BUILDING 18 - 1ST FLOOR
WOMEN'S H.C. TOILET ROOM 18-157
FLOOR PLAN

1 — 1/2"=1'-0"



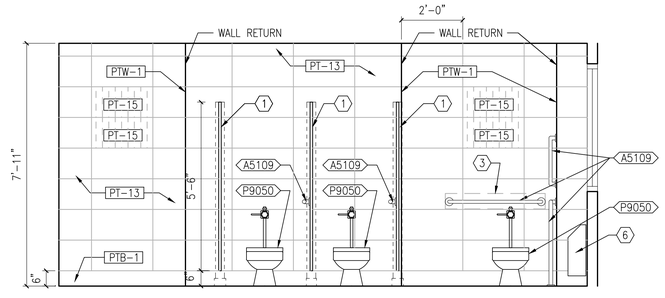
BUILDING 18 - 1ST FLOOR
TOILET ROOM 18-157
INTERIOR ELEVATION

2 — 1/2"=1'-0"



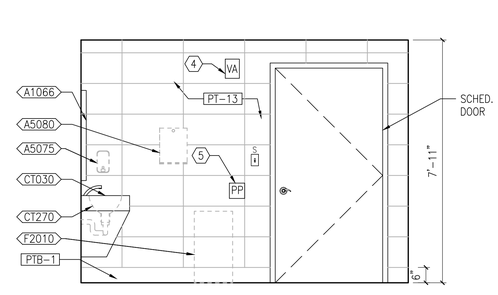
BUILDING 18 - 1ST FLOOR
TOILET ROOM 18-157
INTERIOR ELEVATION

3 — 1/2"=1'-0"



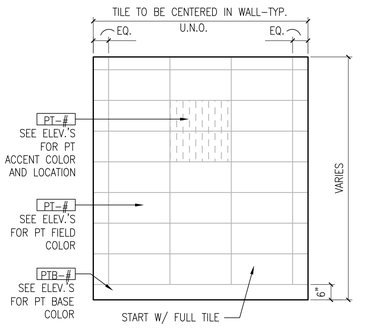
BUILDING 18 - 1ST FLOOR
TOILET ROOM 18-157
INTERIOR ELEVATION

4 — 1/2"=1'-0"



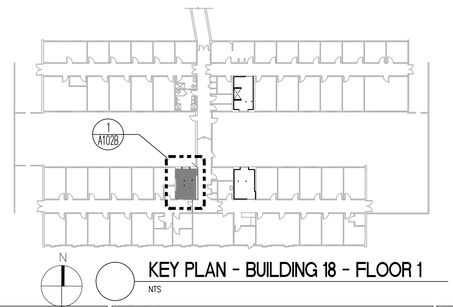
BUILDING 18 - 1ST FLOOR
TOILET ROOM 18-157
INTERIOR ELEVATION

5 — 1/2"=1'-0"



BUILDING 18- TYP.
WALL TILE ELEVATION

- — 1/2"=1'-0"



KEY PLAN - BUILDING 18 - FLOOR 1

NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL INTERIOR ELEVATION NOTES

A. REFER TO SHEET GI004 FOR INTERIOR ELEVATION LEGEND.
B. REFER TO SHEETS GI001 FOR GENERAL NOTES.
C. REFER TO SHEET GI005 FOR TYPICAL MOUNTING HEIGHTS AND GRAB BAR SIZES.
D. REFER TO SHEET A501 FOR TYPICAL WALL TYPES.
E. REFER TO SHEET A502, A503 FOR TYPICAL DETAILS.
F. REFER TO SHEET A601 FOR DOOR SCHEDULE.
G. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE AND ROOM FINISH LEGEND.
H. REFER TO SHEET I602 FOR FURNITURE AND EQUIPMENT SCHEDULE.
I. REFER TO SHEET I603 FOR INTERIOR ROOM SIGNAGE SCHEDULE AND DETAILS.
J. REFER TO SHEETS IF100 THRU IF102 FOR FLOOR FINISH PLANS.
K. REFER TO SHEET PLUMBING (P) SHEETS FOR PLUMBING FIXTURES.
L. REFER TO MECHANICAL (M) SHEETS FOR MECHANICAL EQUIPMENT.
M. REFER TO ELECTRICAL (E) SHEETS FOR ELECTRICAL EQUIPMENT.
N. PROVIDE 8" X 20 GAUGE CONTINUOUS BACK-UP BLOCKING PLATES SECURELY ANCHORED WITH FLAT HEAD SCREWS OVER METAL STUDS BEHIND ALL TOILET ACCESSORIES, BASE CABINETS, WALL CABINETS, MILLWORK, SHELVING, VISUAL DISPLAY BOARDS, WALL/HANDRAIL (NEW WALLS) AND ALL OTHER SURFACE MOUNTED ITEMS. REFER TO DETAIL ON SHEET A501.
O. PROVIDE CLEARANCE BETWEEN LAVATORY FAUCETS AND MIRROR ABOVE. REFER TO GI005.
P. PROVIDE CERAMIC BACKER BOARD, AT ALL WALLS TO RECEIVE FULL HEIGHT PORCELAIN TILE WALL FINISH, OVER EXISTING METAL STUDS.
Q. REFER TO CEILING PLANS FOR LOCATION OF NURSE PULL CORD LOCATION.
R. ALL INTERIOR WALL CORNERS WITH PORCELAIN TILE FINISH TO HAVE VERTICAL STAINLESS STEEL TRANSITION TRIM. REFER TO ROOM FINISH SCHEDULE AND DETAILS ON SHEET A503.
S. ALL OUTSIDE CORNERS WITH PORCELAIN TILE FINISH SHALL HAVE VERTICAL STAINLESS STEEL PROTECTION. REFER TO RM. FINISH SCHEDULE AND DETAILS ON SHEET A503.
T. ALL FLOOR/WALL TILE SHALL BE CENTERED IN THE FLOORS/WALLS (CORNER TO CORNER). SEE TYP. WALL TILE ELEVATION ON DRAWINGS FOR INFORMATION.
U. WALL BASE TILE TO ALIGN WITH WALL TILE.

⟨X⟩ TOILET ROOM PLAN AND INTERIOR ELEVATION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. FLOOR MOUNTED TOILET PARTITION. SEE ROOM FINISH LEGEND.
1A. FLOOR MOUNTED PRIVACY SCREEN. SEE ROOM FINISH LEGEND.
1B. WALL MOUNTED URINAL SCREEN. SEE ROOM FINISH LEGEND.
2. SIDE GRAB BAR TO BE MOUNTED TO FLOOR AT RADIATOR LOCATIONS ONLY.
3. CONTINUOUS 8" HIGH, 20 GAUGE SHEET METAL BACKING PLATE BEHIND LOCATIONS OF WALL MOUNTED ACCESSORIES (TYP). REFER TO DETAIL ON SHEET A501.
4. WALL MOUNTED FIRE ALARM DEVICE. SEE ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
5. ADA COMPLIANT AUTOMATIC DOOR OPERATOR, REFER TO DOOR SCHEDULE SHEET A601.
6. NEW RADIATOR COVER TO REPLACE AND MATCH EXISTING.
7. ELECTRIC UNIT HEATER. SEE ELECTRICAL DWGS FOR ADDITIONAL INFORMATION.
8. PATCH AND REPAIR WALL WITH NEW METAL STUDS AND GYPSUM BOARD. REFER TO WALL PARTITION TYPE.
9. NEW DOUBLE SASH STORM WINDOW TO BE INSTALLED AND MECHANICALLY FASTENED TO NEW SOLID SURFACE SILL, RETURNS AND HEAD.
10. NEW SPANDREL PANEL TO BE INSTALLED IN EXISTING WINDOW UNIT.
11. WALL MOUNTED SHOWER SEAT.
12. INSTALL NEW BREAK METAL COVER (TO MATCH EXISTING REMOVED). COLOR TO MATCH NEW RADIATOR COVER.
13. DASHED RECTANGLE INDICATES AREA WHERE EXISTING RECESSED CONVECTOR UNIT HAS BEEN REMOVED. OPENING TO BE INFILLED WITH WALL CONSTRUCTION AND INSULATION TO MATCH EXISTING. PREPARE SURFACE TO RECEIVE NEW WALL FINISH.
14. PUSH PLATE TO REMAIN TO BE CONNECTED TO EMERGENCY POWER FOR CONTINUED USE DURING POWER OUTAGE. REFER TO ELECTRICAL DRAWINGS.
15. OUTSIDE CORNERS OF EXPOSED COUNTERTOPS TO HAVE 1" RADIUS.
16. PATCH/PAINT WALLS AT WINDOW ALCOVE.

⟨XXXX⟩ FIXTURE AND ACCESORIES

REFER TO SEPS-FURNITURE AND ACCESSORIES SCHEDULE FOR MORE INFORMATION.

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

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700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 18- FLOOR 1 PLAN AND INTERIOR ELEVATIONS

Approved: Project Director

VA CONTRACT NO. 36C242-18-C-0004

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: ll/JC

Project Number: 561-14-106

Building Number: 18

Drawing Number: A102B

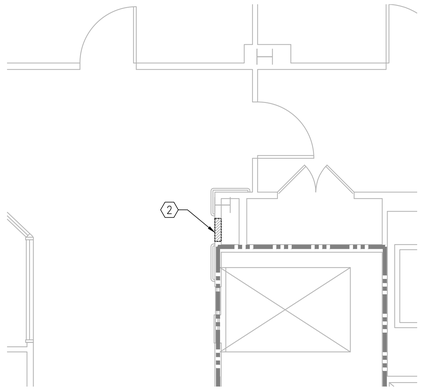
Office of Construction and Facilities Management

VA Department of Veterans Affairs

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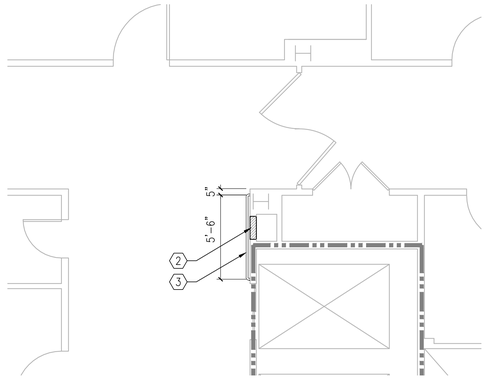
VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

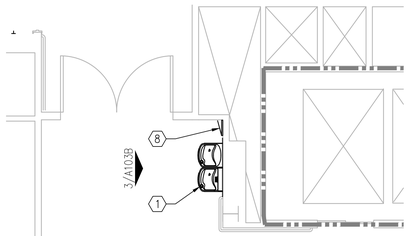


BUILDING 1
TYPICAL FLOOR - NORTH WING
EWC FLOOR PLAN
1/4"=1'-0"

TYPICAL FOR FLOORS:
'A', 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12

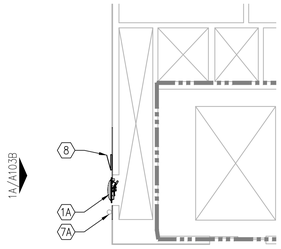


BUILDING 1
11TH FLOOR - NORTH WING
EWC FLOOR PLAN
1/4"=1'-0"

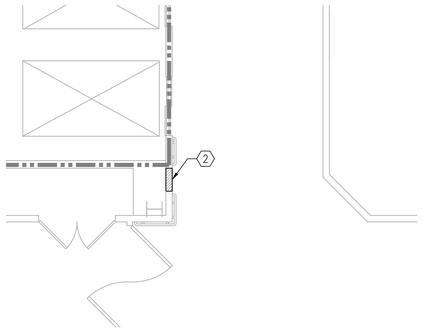


BUILDING 1
TYPICAL FLOOR - CORE WING
EWC FLOOR PLAN
1/4"=1'-0"

TYPICAL FOR FLOORS:
'A', 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12



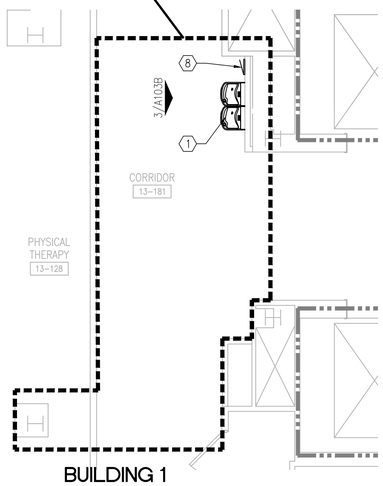
BUILDING 1
1ST FLOOR - CORE WING
EWC FLOOR PLAN
1/4"=1'-0"



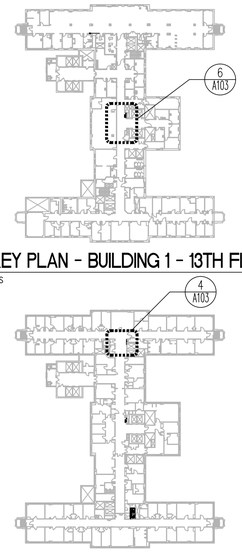
BUILDING 1
TYPICAL FLOOR - SOUTH WING
EWC FLOOR PLAN
1/4"=1'-0"

TYPICAL FOR FLOORS:
'A', 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13

NOTE:
REMOVE CEILING TILES AS REQUIRED FOR INSTALLATION OF NEW DOMESTIC WATER PIPING. ANY BROKEN TILES SHALL BE REPLACED WITH NEW.

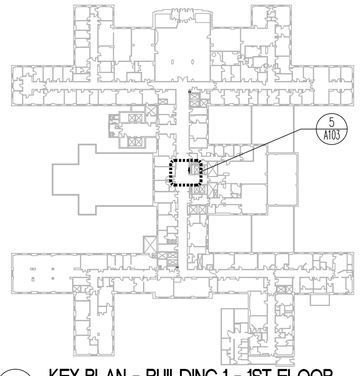


BUILDING 1
13TH FLOOR - CORE WING
EWC FLOOR PLAN
1/4"=1'-0"

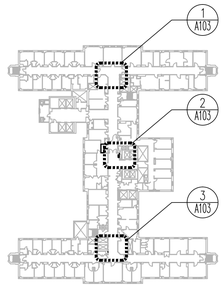


KEY PLAN - BUILDING 1 - 13TH FLOOR
NTS

KEY PLAN - BUILDING 1 - 11TH FLOOR
NTS



KEY PLAN - BUILDING 1 - 1ST FLOOR
NTS



KEY PLAN - BUILDING 1 - TYP. FLOOR
NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL INTERIOR ELEVATION NOTES

A. REFER TO SHEET GI004 FOR INTERIOR ELEVATION LEGEND.
B. REFER TO SHEETS GI001 FOR GENERAL NOTES.
C. REFER TO SHEET GI004 FOR TYPICAL MOUNTING HEIGHTS.
D. REFER TO SHEET A601 FOR TYPICAL WALL TYPES AND CEILING DETAILS.
E. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE AND ROOM FINISH LEGEND.
F. REFER TO SHEET PLUMBING (P) SHEETS FOR PLUMBING FIXTURES.
G. REFER TO MECHANICAL (M) SHEETS FOR MECHANICAL EQUIPMENT.
H. REFER TO ELECTRICAL (E) SHEETS FOR ELECTRICAL EQUIPMENT.

(X) ELECTRIC WATER COOLER KEY NOTES

1. PROVIDE AND INSTALL ELECTRIC WATER COOLER WITH WATER BOTTLE FILLER. PLACE SOLID SURFACE PANEL BEHIND UNIT ASSEMBLY, ATTACHED TO EXISTING FINISH WALL (SEE NOTE 4). REFER TO PLUMBING DRAWINGS FOR COMPLETE INFORMATION ON ELECTRIC WATER COOLER.
1A. PROVIDE AND INSTALL RECESSED ELECTRIC BOTTLE FILLER. PROVIDE REQUIRED BLOCKING PER MANUFACTURERS RECOMMENDATIONS. REFER TO PLUMBING DRAWINGS FOR COMPLETE INFORMATION ON BOTTLE FILLER.
2. INFILL EXISTING OPENING WITH METAL STUDS AND GYPSUM WALL BOARD. PATCH AND REPAIR EXISTING WALL AS REQUIRED TO RECEIVE NEW FINISH TO MATCH EXISTING SURROUNDING WALL FINISH.
3. PROVIDE AND INSTALL NEW PAINTED STEEL HANDRAIL, 1-1/2" DIA. REUSE AND PAINT EXISTING WALL SUPPORTS.
4. INSTALL 1/2" SOLID SURFACE PANEL BEHIND NEW ELECTRIC WATER COOLER AND/OR BOTTLE FILLER UNIT ASSEMBLY. SCREW AND GLUE PANEL TO EXISTING WALL. REFER TO RM. FIN. LEGEND FOR COLOR SELECTION.
5. WHERE EXISTING HANDRAILS EXIST, MODIFY WIDTH OF SOLID SURFACE PANEL TO FIT IN BETWEEN RAILS.
6. PROVIDE AND INSTALL NEW RECESSED ELECTRIC BOTTLE FILLER. PATCH/ PAINT EXISTING WALL FOLLOWING INSTALLATION OF NEW FILLER.
7. INSTALL SALVAGED CUP DISPENSER.
7A. PROVIDE AND INSTALL NEW CUP DISPENSER.
8. PROVIDE AND INSTALL 12" X 12" ACCESS PANEL. A.P. TO BE PLACED SO THAT WATER FILTER WILL BE DIRECTLY BEHIND IT FOR EASY ACCESS. COORDINATE EXACT LOCATION W/ PLUMBING DRAWINGS AND FIELD CONDITIONS.

(XXXX) FIXTURE AND ACCESORIES

REFER TO SEPS-FURNITURE AND ACCESSORIES SCHEDULE FOR MORE INFORMATION.

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

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T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 1 - FLOORS 'A' THRU 13 EWC FLOOR PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II

Project Number: 561-14-106

Building Number: 1

Drawing Number: A103

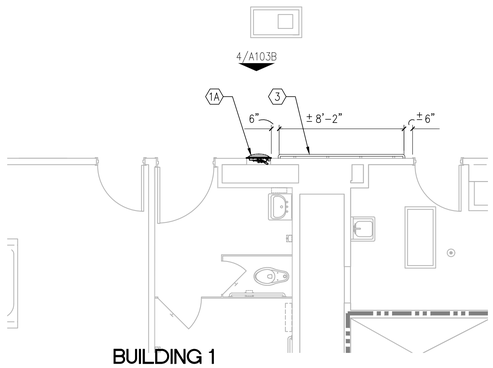
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

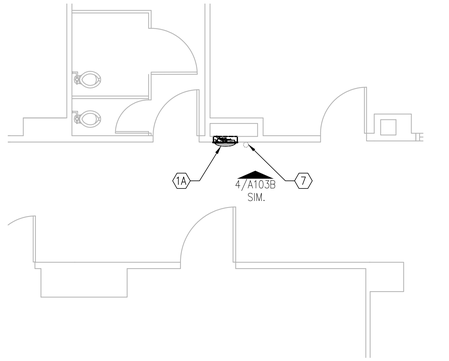
three inches = one foot | one and one half inches = one foot | one inch = one foot | three quarters inch = one foot | one half inch = one foot | three eighths inch = one foot | one quarter inch = one foot | one eighth inch = one foot

K:\CO2_PROJECTS\2017\17-113_36C242P18C0004_Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-A103_BLDG 1 FLR PLANS_EWC.dwg 1-11-20 09:02:40 PM Adamson



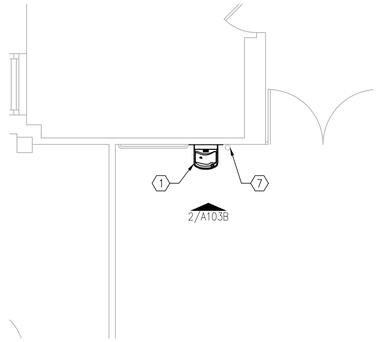
BUILDING 1
13TH FLOOR - NORTH WING
EWC FLOOR PLAN

1 1/4"=1'-0"



BUILDING 1
FLOOR 'A' - BLOOD DRAW
EWC FLOOR PLAN

2 1/4"=1'-0"



BUILDING 1
FLOOR 'A' - WAITING A-213
EWC FLOOR PLAN

3 1/4"=1'-0"

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL INTERIOR ELEVATION NOTES

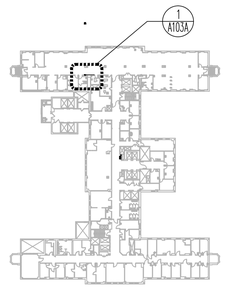
A. REFER TO SHEET GI004 FOR INTERIOR ELEVATION LEGEND.
B. REFER TO SHEETS GI001 FOR GENERAL NOTES.
C. REFER TO SHEET GI004 FOR TYPICAL MOUNTING HEIGHTS.
D. REFER TO SHEET A601 FOR TYPICAL WALL TYPES AND CEILING DETAILS.
E. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE AND ROOM FINISH LEGEND.
F. REFER TO SHEET PLUMBING (P) SHEETS FOR PLUMBING FIXTURES.
G. REFER TO MECHANICAL (M) SHEETS FOR MECHANICAL EQUIPMENT.
H. REFER TO ELECTRICAL (E) SHEETS FOR ELECTRICAL EQUIPMENT.

(X) ELECTRIC WATER COOLER KEY NOTES

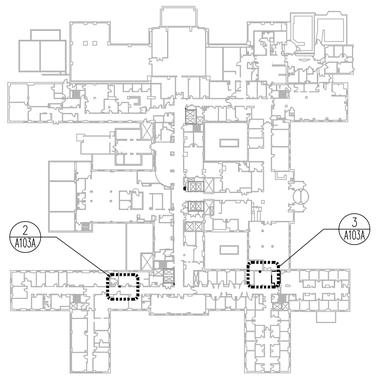
1. PROVIDE AND INSTALL ELECTRIC WATER COOLER WITH WATER BOTTLE FILLER. PLACE SOLID SURFACE PANEL BEHIND UNIT ASSEMBLY, ATTACHED TO EXISTING FINISH WALL (SEE NOTE 4). REFER TO PLUMBING DRAWINGS FOR COMPLETE INFORMATION ON ELECTRIC WATER COOLER.
1A. PROVIDE AND INSTALL RECESSED ELECTRIC BOTTLE FILLER. PROVIDE REQUIRED BLOCKING PER MANUFACTURERS RECOMMENDATIONS. REFER TO PLUMBING DRAWINGS FOR COMPLETE INFORMATION ON BOTTLE FILLER.
2. INFILL EXISTING OPENING WITH METAL STUDS AND GYPSUM WALL BOARD. PATCH AND REPAIR EXISTING WALL AS REQUIRED TO RECEIVE NEW FINISH TO MATCH EXISTING SURROUNDING WALL FINISH.
3. PROVIDE AND INSTALL NEW PAINTED STEEL HANDRAIL, 1-1/2" DIA. REUSE AND PAINT EXISTING WALL SUPPORTS.
4. INSTALL 1/2" SOLID SURFACE PANEL BEHIND NEW ELECTRIC WATER COOLER AND/OR BOTTLE FILLER UNIT ASSEMBLY. SCREW AND GLUE PANEL TO EXISTING WALL. REFER TO RM. FIN. LEGEND FOR COLOR SELECTION.
5. WHERE EXISTING HANDRAILS EXIST, MODIFY WIDTH OF SOLID SURFACE PANEL TO FIT IN BETWEEN RAILS.
6. PROVIDE AND INSTALL NEW RECESSED ELECTRIC BOTTLE FILLER. PATCH/ PAINT EXISTING WALL FOLLOWING INSTALLATION OF NEW FILLER.
7. INSTALL SALVAGED CUP DISPENSER.
7A. PROVIDE AND INSTALL NEW CUP DISPENSER.
8. PROVIDE AND INSTALL 12" X 12" ACCESS PANEL. A.P. TO BE PLACED SO THAT WATER FILTER WILL BE DIRECTLY BEHIND IT FOR EASY ACCESS. COORDINATE EXACT LOCATION W/ PLUMBING DRAWINGS AND FIELD CONDITIONS.

<XXXX> FIXTURE AND ACCESORIES

REFER TO SEPS-FURNITURE AND ACCESSORIES SCHEDULE FOR MORE INFORMATION.



KEY PLAN - BUILDING 1 - 13TH FLOOR
NTS



KEY PLAN - BUILDING 1 - FLOOR 'A'
NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 1 - FLOORS 'A' THRU 13 EWC FLOOR PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II

Project Number: 561-14-106

Building Number: 1

Drawing Number: A103A

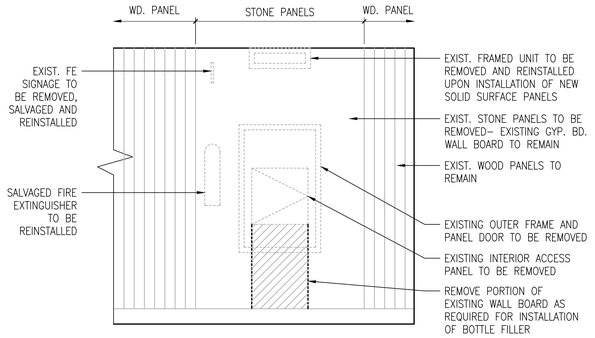
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

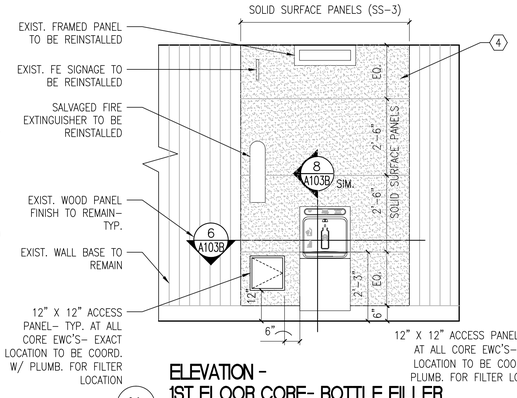
100% CONSTRUCTION DOCUMENTS FOR BID

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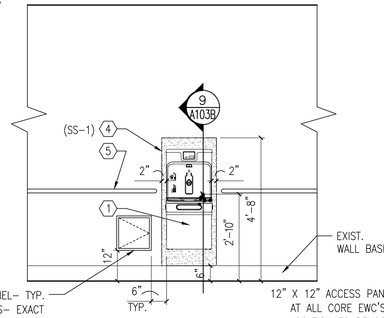
1 ELEVATION – DEMOLITION – 1ST FLOOR CORE

1/2"=1'-0"



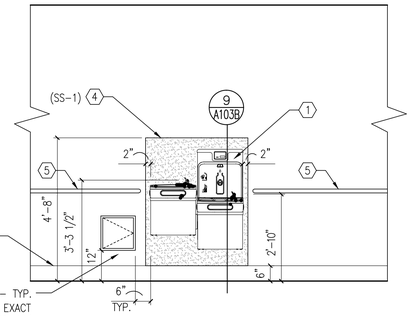
1A ELEVATION – 1ST FLOOR CORE– BOTTLE FILLER

1/2"=1'-0"



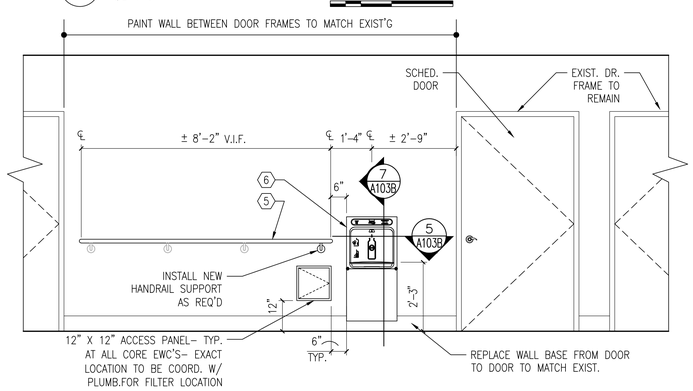
2 ELEVATION – TYP. SINGLE UNIT EWC/BOTTLE FILLER

1/2"=1'-0"



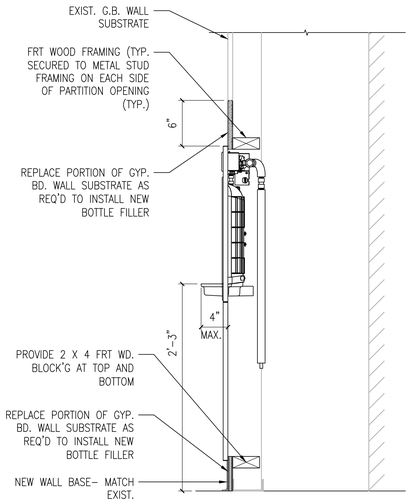
3 ELEVATION – TYP. H I-LO EWC UNIT W/ BOTTLE FILLER

1/2"=1'-0"



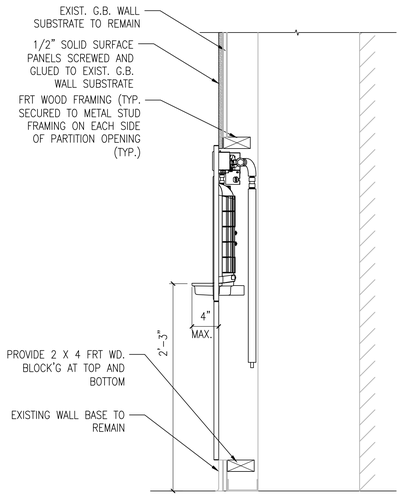
4 ELEVATION– BOTTLE FILLER

1/2"=1'-0"



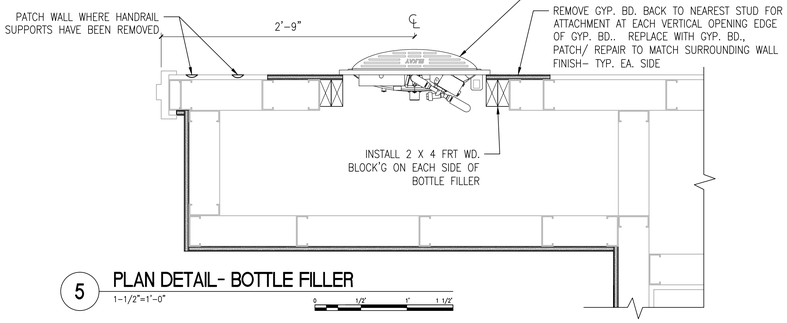
7 SECTION DETAIL– BOTTLE FILLER

1-1/2"=1'-0"



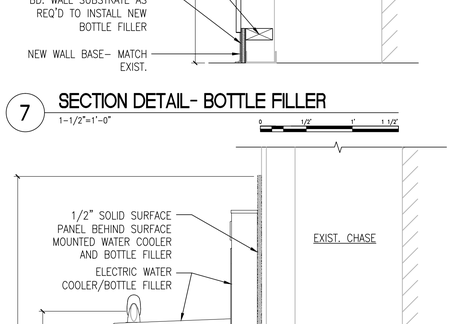
8 SECTION DETAIL– BOTTLE FILLER

1-1/2"=1'-0"



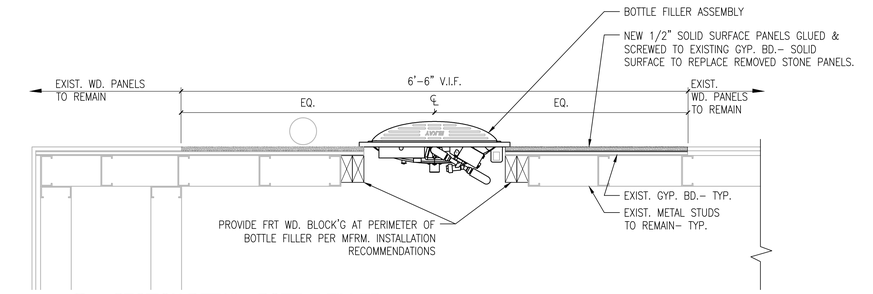
5 PLAN DETAIL– BOTTLE FILLER

1-1/2"=1'-0"



9 SECTION DETAIL– BOTTLE FILLER

1-1/2"=1'-0"



6 SECTION DETAIL– BOTTLE FILLER

1-1/2"=1'-0"

GENERAL INTERIOR ELEVATION NOTES

A. REFER TO SHEET GI004 FOR INTERIOR ELEVATION LEGEND.
B. REFER TO SHEETS GI001 FOR GENERAL NOTES.
C. REFER TO SHEET GI004 FOR TYPICAL MOUNTING HEIGHTS.
D. REFER TO SHEET A601 FOR TYPICAL WALL TYPES AND CEILING DETAILS.
E. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE AND ROOM FINISH LEGEND.
F. REFER TO SHEET PLUMBING (P) SHEETS FOR PLUMBING FIXTURES.
G. REFER TO MECHANICAL (M) SHEETS FOR MECHANICAL EQUIPMENT.
H. REFER TO ELECTRICAL (E) SHEETS FOR ELECTRICAL EQUIPMENT.

⟨X⟩ ELECTRIC WATER COOLER KEY NOTES

1. PROVIDE AND INSTALL ELECTRIC WATER COOLER WITH WATER BOTTLE FILLER. PLACE SOLID SURFACE PANEL BEHIND UNIT ASSEMBLY, ATTACHED TO EXISTING FINISH WALL (SEE NOTE 4). REFER TO PLUMBING DRAWINGS FOR COMPLETE INFORMATION ON ELECTRIC WATER COOLER.

1A. PROVIDE AND INSTALL RECESSED ELECTRIC BOTTLE FILLER. PROVIDE REQUIRED BLOCKING PER MANUFACTURERS RECOMMENDATIONS. REFER TO PLUMBING DRAWINGS FOR COMPLETE INFORMATION ON BOTTLE FILLER.

2. INFILL EXISTING OPENING WITH METAL STUDS AND GYPSUM WALL BOARD. PATCH AND REPAIR EXISTING WALL AS REQUIRED TO RECEIVE NEW FINISH TO MATCH EXISTING SURROUNDING WALL FINISH.

3. PROVIDE AND INSTALL NEW PAINTED STEEL HANDRAIL, 1-1/2" DIA. REUSE AND PAINT EXISTING WALL SUPPORTS.

4. INSTALL 1/2" SOLID SURFACE PANEL BEHIND NEW ELECTRIC WATER COOLER AND/OR BOTTLE FILLER UNIT ASSEMBLY. SCREW AND GLUE PANEL TO EXISTING WALL. REFER TO RM. FIN. LEGEND FOR COLOR SELECTION.

5. WHERE EXISTING HANDRAILS EXIST, MODIFY WIDTH OF SOLID SURFACE PANEL TO FIT IN BETWEEN RAILS.

6. PROVIDE AND INSTALL NEW RECESSED ELECTRIC BOTTLE FILLER. PATCH/ PAINT EXISTING WALL FOLLOWING INSTALLATION OF NEW FILLER.

7. INSTALL SALVAGED CUP DISPENSER.

7A. PROVIDE AND INSTALL NEW CUP DISPENSER.

8. PROVIDE AND INSTALL 12" X 12" ACCESS PANEL. A.P. TO BE PLACED SO THAT WATER FILTER WILL BE DIRECTLY BEHIND IT FOR EASY ACCESS. COORDINATE EXACT LOCATION W/ PLUMBING DRAWINGS AND FIELD CONDITIONS.

⟨XXXXX⟩ FIXTURE AND ACCESORIES

REFER TO SEPS–FURNITURE AND ACCESSORIES SCHEDULE FOR MORE INFORMATION.

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KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

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www.bancroft-ae.com

700 Nicholas Blvd. Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL – BUILDING 1 – FLOORS 'A' THRU 13 EWC ELEVATIONS AND DETAILS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II

VA CONTRACT NO. 36C242-18-C-0004

Project Number: 561-14-106

Building Number: 1

Drawing Number: A103B

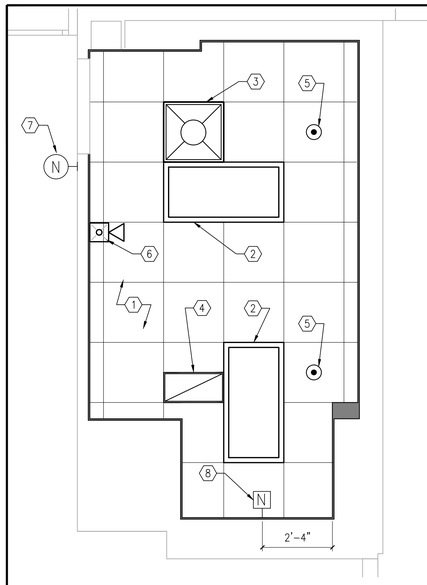
Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

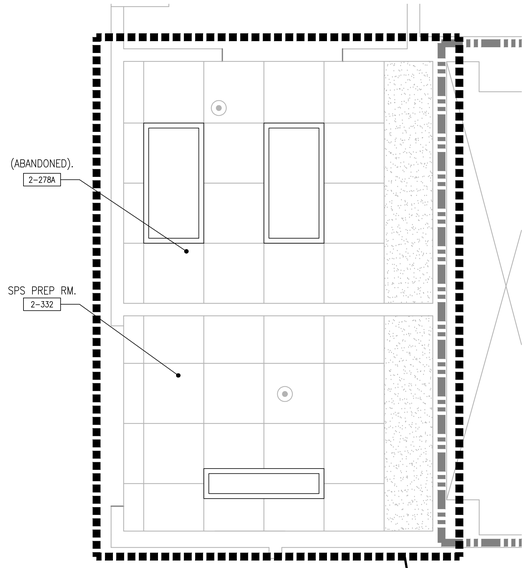
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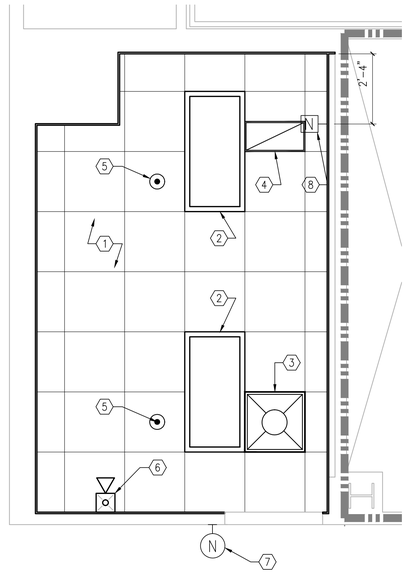
BUILDING 1 - FLOOR 'A'
MEN'S H.C. TOILET ROOM A-213
CEILING PLAN

N 1 1/2"=1'-0"



BUILDING 1 - 2ND FLOOR
ROOMS 2-332, 2-278A
CEILING PLAN

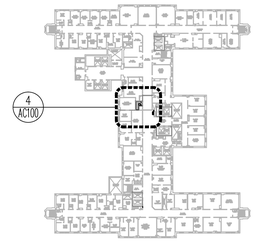
N 2 1/2"=1'-0"



BUILDING 1 - 3rd FLOOR
MEN'S H.C. TOILET ROOM 3-183
CEILING PLAN

N 3 1/2"=1'-0"

NOTE:
EXISTING CEILINGS TO BE REMOVED AS REQUIRED FOR INSTALLATION OF PLUMBING WORK ABOVE FOR 3RD FLOOR. ALL EXISTING CEILING MOUNTED ITEMS, LIGHT FIXTURES, EXIT LIGHTS, MECHANICAL GRILLES, SPRINKLER HEADS, ETC. WHICH HAVE BEEN REMOVED FOR SUCH INSTALLATION SHALL BE REINSTALLED AND RECONNECTED. REPLACE BROKEN TILES TO MATCH EXISTING AND/OR PATCH EXISTING GYP. BD. CEILING FINISH AS REQUIRED TO MATCH EXISTING



BUILDING 1 -8th FLOOR
KEY PLAN
NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

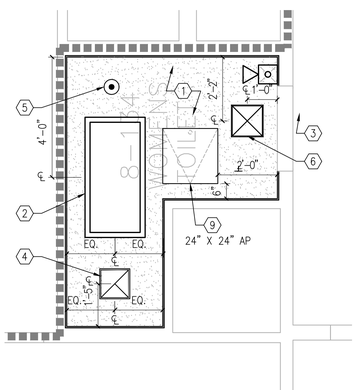
GENERAL CEILING PLAN NOTES

A. REFER TO SHEET GI004 FOR REFLECTED CEILING PLAN LEGEND.
B. REFER TO SHEET A501 FOR TYPICAL CEILING DETAILS INCLUDING LOCATION OF SPRINKLER HEADS.
C. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE & LEGEND.
D. REFER TO FIRE PROTECTION SHEETS (FP) FOR FIRE SUPPRESSION SYSTEM.
E. REFER TO ELECTRICAL SHEETS (E) FOR LIGHTING, EXIT AND EMERGENCY FIXTURES.
F. CENTER ALL CEILING GRIDS IN ROOMS UNLESS NOTED OTHERWISE.
G. CENTER ALL FIXTURES WITHIN CEILING TILE UNLESS NOTED OTHERWISE.
H. REFER TO FLOOR PLANS FOR KEY PLANS.
I. REFER TO ROOM FINISH SCHEDULE FOR CEILING HEIGHTS.

(X) CEILING PLAN KEY NOTES

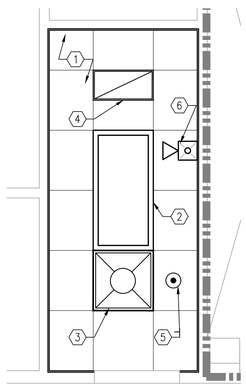
NOT ALL NOTES APPLY TO EVERY DRAWING.

1. INSTALL CEILING TYPE PER ROOM FINISH LEGEND.
2. INSTALL NEW LIGHT FIXTURES. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
2A. REINSTALL SALVAGED LIGHT FIXTURE. TO BE INSTALLED IN ORIGINAL LOCATION.
3. INSTALL NEW MECHANICAL SUPPLY DIFFUSER. REFER TO MECHANICAL DRAWINGS FOR COMPLETE INFORMATION.
3A. REINSTALL SALVAGED MECHANICAL SUPPLY DIFFUSER AND RETURN GRILLE. TO BE PLACED IN ORIGINAL LOCATION.
4. INSTALL NEW MECHANICAL EXHAUST FAN/RETURN GRILLE. REFER TO MECHANICAL DRAWINGS FOR COMPLETE INFORMATION.
4A. REINSTALL SALVAGED MECHANICAL EXHAUST FAN/RETURN GRILLE. TO BE PLACED IN ORIGINAL LOCATION.
5. INSTALL NEW SPRINKLER HEAD. CONNECT TO EXISTING SPRINKLER LINE.
5A. EXISTING SIDEWALL SPRINKLER TO REMAIN.
6. INSTALL NEW FIRE ALARM HORN/STROBE. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
7. INSTALL NEW NURSE DOME LIGHT. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
8. NURSE CALL PULL CORD LOCATED ON WALL. REFER TO ARCHITECTURAL ELEVATIONS AND ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
9. INSTALL CEILING ACCESS PANEL. REFER TO DETAIL 10/A502. SIZE AS INDICATED ON DRAWING.
10. ELECTRIC UNIT HEATER. REFER TO MECHANICAL DRAWINGS FOR COMLETE INFORMATION.
11. EXISTING CEILING TILE AND GRID TO REMAIN. REMOVE CEILING TILES AS REQUIRED FOR INSTALLATION OF MECHANICAL, ELECTRICAL, PLUMBING ABOVE FINISH CEILING. REPLACE ANY BROKEN TILES TO MATCH EXISTING.



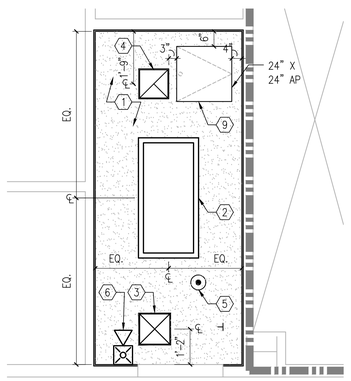
BUILDING 1 - 8th FLOOR
UNISEX TOILET ROOM 8-134
CEILING PLAN

N 4 1/2"=1'-0"



BUILDING 1 - 10th FLOOR
UNISEX TOILET ROOM 10-183
CEILING PLAN

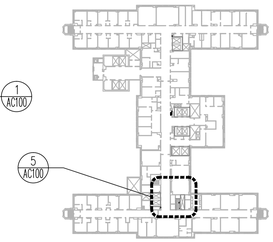
N 5 1/2"=1'-0"



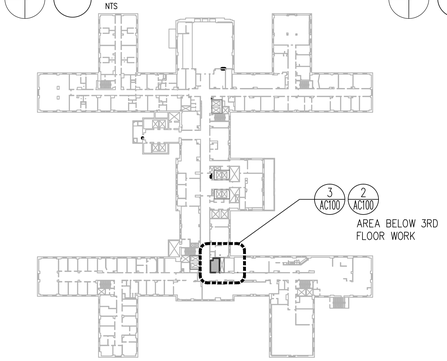
BUILDING 1 - 11th FLOOR
UNISEX TOILET ROOM 11-169
CEILING PLAN

N 6 1/2"=1'-0"

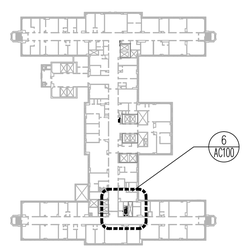
BUILDING 1- FLOOR 'A'
KEY PLAN
NTS



BUILDING 1 -10th FLOOR
KEY PLAN
NTS



BUILDING 1- 3RD FLOOR
KEY PLAN
NTS



BUILDING 1- 11th FLOOR
KEY PLAN
NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
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700 Nicholas Blvd. Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 1- FLOORS 'A', 2, 3, 8, 10, 11 CEILING PLANS

Approved Project Director:

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number: 1

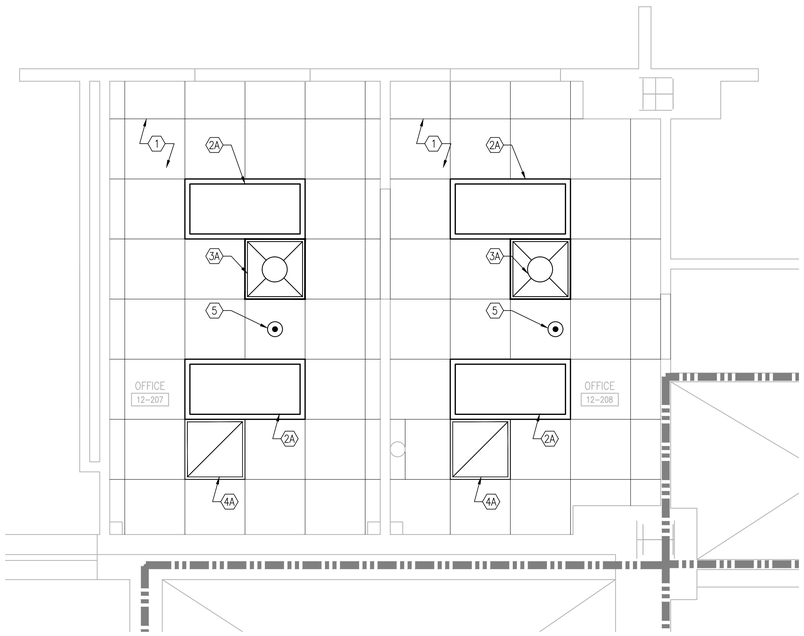
Drawing Number: AC100

Office of Construction and Facilities Management

VA Department of Veterans Affairs

100% CONSTRUCTION DOCUMENTS FOR BID

one eighth inch = one foot | three sixteenths inch = one foot | one quarter inch = one foot | three eighths inch = one foot | one half inch = one foot | three quarters inch = one foot | one inch = one foot | one and one half inches = one foot | three inches = one foot
09:15:06 PM Johnson 1-11-20
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VA FORM 08-6231

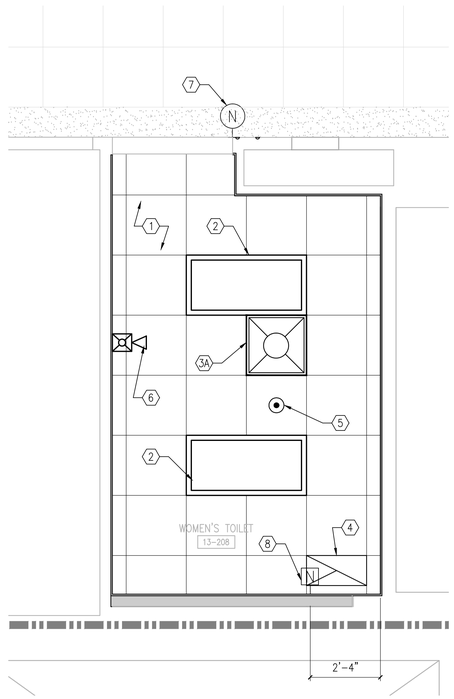


N

1

1/2"=1'-0"

BUILDING 1 - 12th FLOOR
OFFICES 12-207/12-208
CEILING PLAN

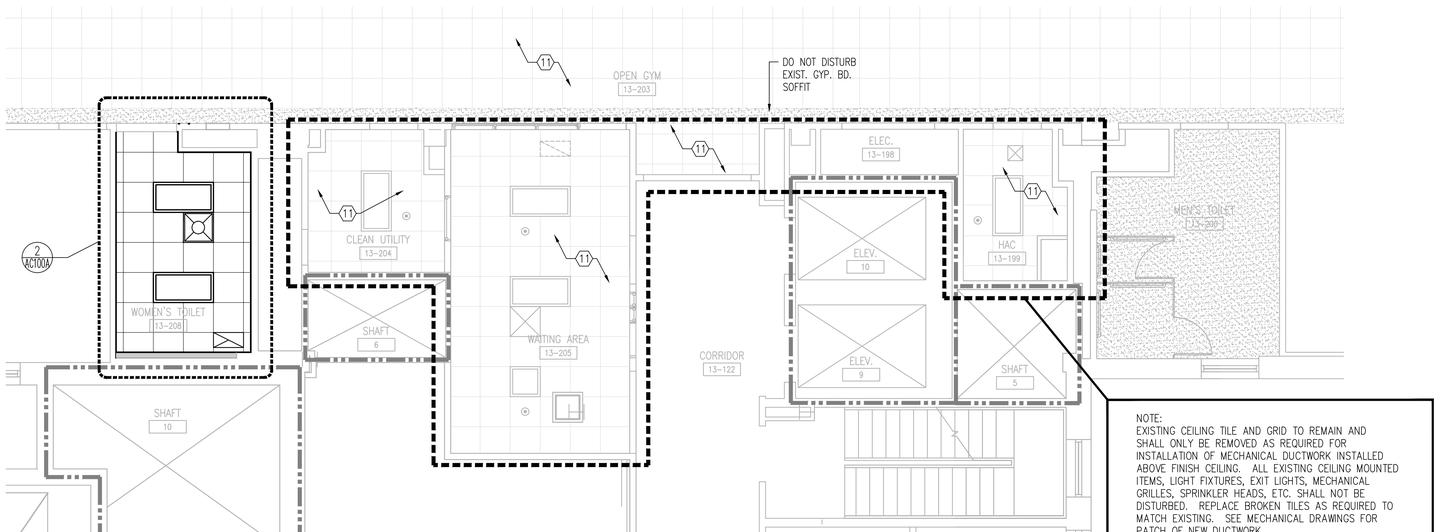


N

2

1/2"=1'-0"

BUILDING 1 - 13th FLOOR
WOMEN'S H.C. TOILET ROOM 13-208
CEILING PLAN



N

3

1/2"=1'-0"

BUILDING 1 - 13th FLOOR
CEILING PLAN

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

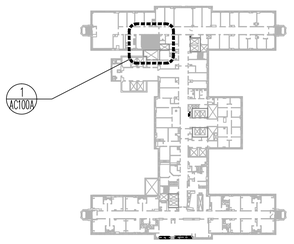
GENERAL CEILING PLAN NOTES

A. REFER TO SHEET GI004 FOR REFLECTED CEILING PLAN LEGEND.
B. REFER TO SHEET A501 FOR TYPICAL CEILING DETAILS INCLUDING LOCATION OF SPRINKLER HEADS.
C. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE & LEGEND.
D. REFER TO FIRE PROTECTION SHEETS (FP) FOR FIRE SUPPRESSION SYSTEM.
E. REFER TO ELECTRICAL SHEETS (E) FOR LIGHTING, EXIT AND EMERGENCY FIXTURES.
F. CENTER ALL CEILING GRIDS IN ROOMS UNLESS NOTED OTHERWISE.
G. CENTER ALL FIXTURES WITHIN CEILING TILE UNLESS NOTED OTHERWISE.
H. REFER TO FLOOR PLANS FOR KEY PLANS.
I. REFER TO ROOM FINISH SCHEDULE FOR CEILING HEIGHTS.

⟨X⟩ CEILING PLAN KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

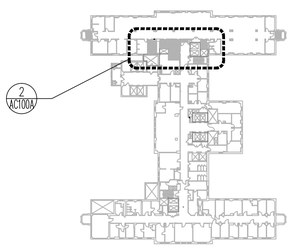
1. INSTALL CEILING TYPE PER ROOM FINISH LEGEND.
2. INSTALL NEW LIGHT FIXTURES. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
2A. REINSTALL SALVAGED LIGHT FIXTURE. TO BE INSTALLED IN ORIGINAL LOCATION.
3. INSTALL NEW MECHANICAL SUPPLY DIFFUSER. REFER TO MECHANICAL DRAWINGS FOR COMPLETE INFORMATION.
3A. REINSTALL SALVAGED MECHANICAL SUPPLY DIFFUSER AND RETURN GRILLE. TO BE PLACED IN ORIGINAL LOCATION.
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4A. REINSTALL SALVAGED MECHANICAL EXHAUST FAN/RETURN GRILLE. TO BE PLACED IN ORIGINAL LOCATION.
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5A. EXISTING SIDEWALL SPRINKLER TO REMAIN.
6. INSTALL NEW FIRE ALARM HORN/STROBE. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
7. INSTALL NEW NURSE DOME LIGHT. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
8. NURSE CALL PULL CORD LOCATED ON WALL. REFER TO ARCHITECTURAL ELEVATIONS AND ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
9. INSTALL CEILING ACCESS PANEL. REFER TO DETAIL 10/A502. SIZE AS INDICATED ON DRAWING.
10. ELECTRIC UNIT HEATER. REFER TO MECHANICAL DRAWINGS FOR COMLETE INFORMATION.
11. EXISTING CEILING TILE AND GRID TO REMAIN. REMOVE CEILING TILES AS REQUIRED FOR INSTALLATION OF MECHANICAL, ELECTRICAL, PLUMBING ABOVE FINISH CEILING. REPLACE ANY BROKEN TILES TO MATCH EXISTING.



N

BUILDING 1- 12th FLOOR
KEY PLAN

NTS



N

BUILDING 1- 13th FLOOR
KEY PLAN

NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd. Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 1- FLOORS 12, 13 CEILING PLANS

Approved Project Director:

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: AC100A

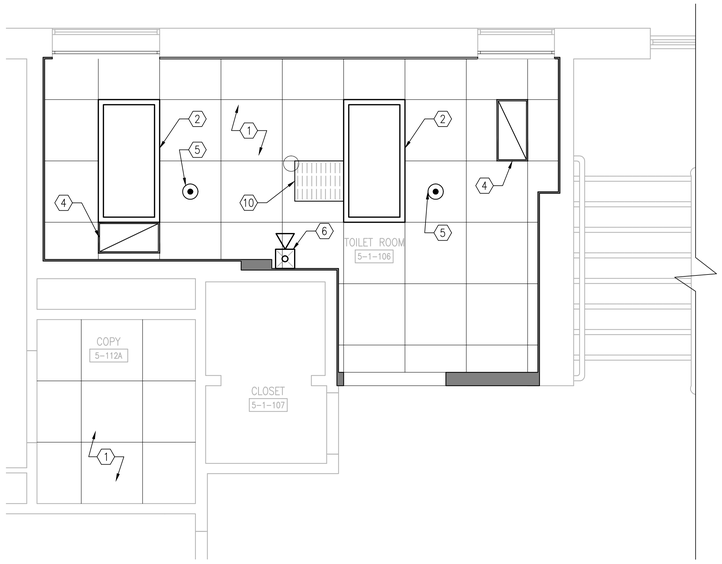
Office of Construction and Facilities Management

VA Department of Veterans Affairs

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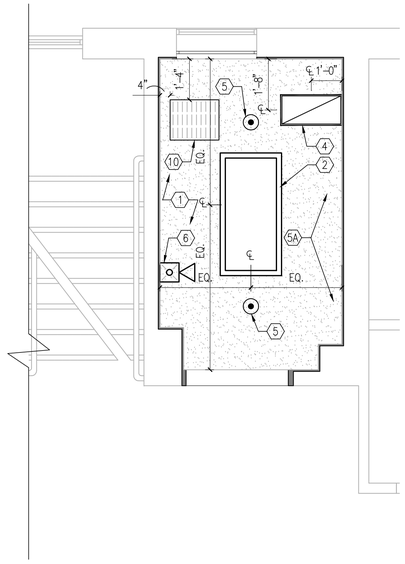
VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID



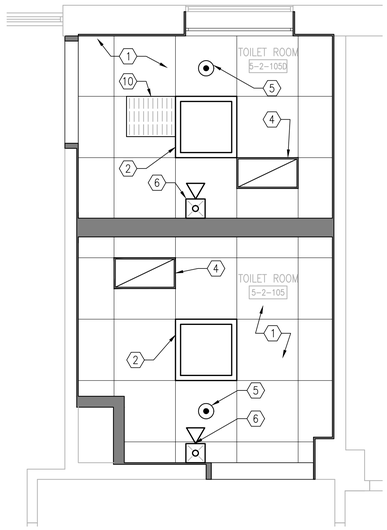
BUILDING 5 - 1st FLOOR
WOMEN'S H.C. TOILET ROOM 5-1-106
CEILING PLAN

N 1 1/2"=1'-0"



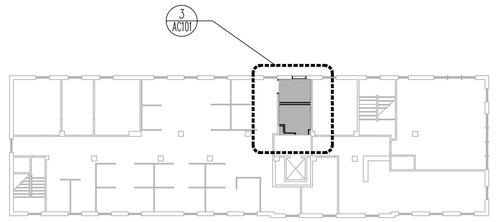
BUILDING 5 - 1st FLOOR
MEN'S TOILET ROOM 5-1-105
CEILING PLAN

N 2 1/2"=1'-0"



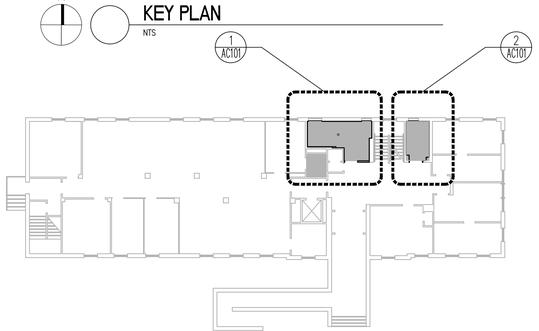
BUILDING 5 - 2nd FLOOR
UNISEX H.C. TOILET ROOMS 5-2-105
CEILING PLAN

N 3 1/2"=1'-0"



BUILDING 5 - 2nd FLOOR
KEY PLAN

N NTS



BUILDING 5 - 1ST FLOOR
KEY PLAN

N NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL CEILING PLAN NOTES

A. REFER TO SHEET G1004 FOR REFLECTED CEILING PLAN LEGEND.
B. REFER TO SHEET A501 FOR TYPICAL CEILING DETAILS INCLUDING LOCATION OF SPRINKLER HEADS.
C. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE & LEGEND.
D. REFER TO FIRE PROTECTION SHEETS (FP) FOR FIRE SUPPRESSION SYSTEM.
E. REFER TO ELECTRICAL SHEETS (E) FOR LIGHTING, EXIT AND EMERGENCY FIXTURES.
F. CENTER ALL CEILING GRIDS IN ROOMS UNLESS NOTED OTHERWISE.
G. CENTER ALL FIXTURES WITHIN CEILING TILE UNLESS NOTED OTHERWISE.
H. REFER TO FLOOR PLANS FOR KEY PLANS.
I. REFER TO ROOM FINISH SCHEDULE FOR CEILING HEIGHTS.

(X) CEILING PLAN KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. INSTALL CEILING TYPE PER ROOM FINISH LEGEND.
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6. INSTALL NEW FIRE ALARM HORN/STROBE. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
7. INSTALL NEW NURSE DOME LIGHT. REFER TO ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
8. NURSE CALL PULL CORD LOCATED ON WALL. REFER TO ARCHITECTURAL ELEVATIONS AND ELECTRICAL DRAWINGS FOR COMPLETE INFORMATION.
9. INSTALL CEILING ACCESS PANEL. REFER TO DETAIL 10/A502. SIZE AS INDICATED ON DRAWING.
10. ELECTRIC UNIT HEATER. REFER TO MECHANICAL DRAWINGS FOR COMLETE INFORMATION.
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100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 5 - FLOORS 1, 2 CEILING PLANS

Approved: Project Director

VA CONTRACT NO. 36C242-18-C-0004

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: JJ/JC

Project Number: 561-14-106

Building Number: 5

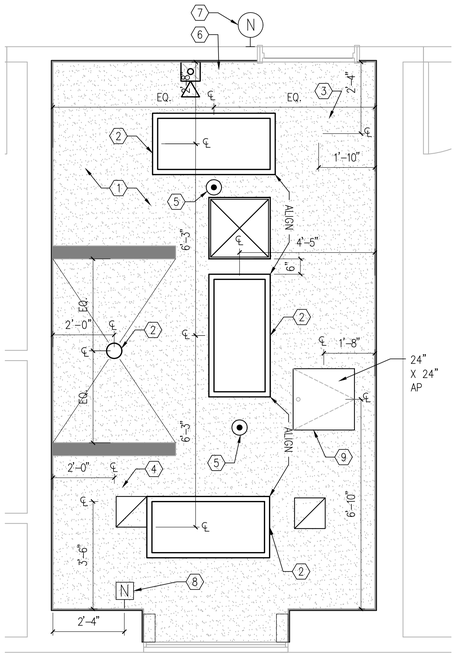
Drawing Number: AC101

Office of Construction and Facilities Management

VA Department of Veterans Affairs

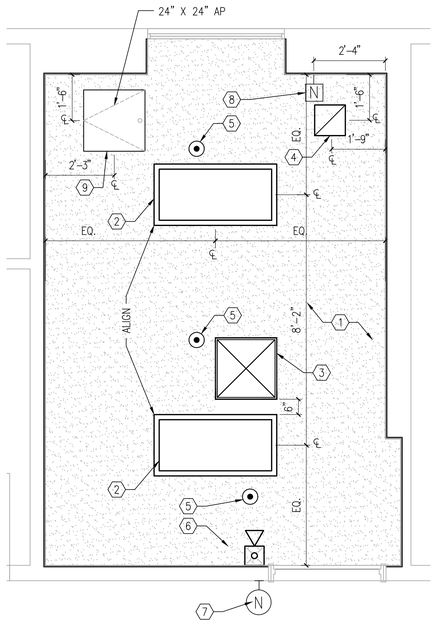
100% CONSTRUCTION DOCUMENTS FOR BID

three quarters inch = one foot | one half inch = one foot | three eighths inch = one foot | one quarter inch = one foot | one eighth inch = one foot
K:\CCC_PROJECTS\2017\17-113_36C242180004_Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561414106-AC101_BLDG 5 CLG NEW.dwg 1-11-20 09:12:18 PM JJohnson
VA FORM 08-6231



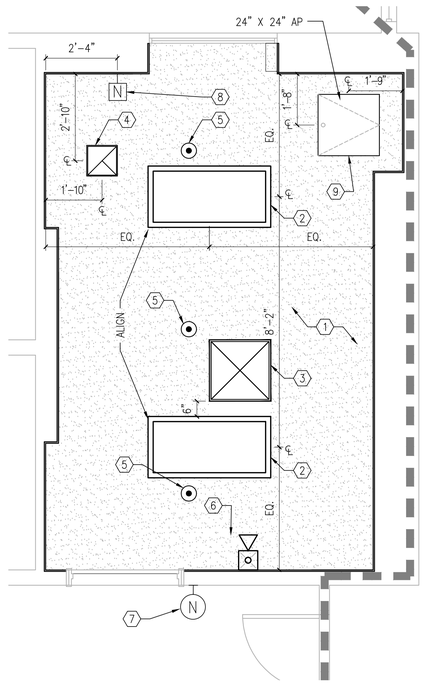
BUILDING 18 - 1st FLOOR
MEN'S H.C. TOILET ROOM 18-118
CEILING PLAN

1/2"=1'-0"



BUILDING 18 - 1st FLOOR
MEN'S H.C TOILET ROOM 18-144
CEILING PLAN

1/2"=1'-0"



BUILDING 18 - 1st FLOOR
WOMEN'S H.C. TOILET ROOM 18-157
CEILING PLAN

1/2"=1'-0"

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

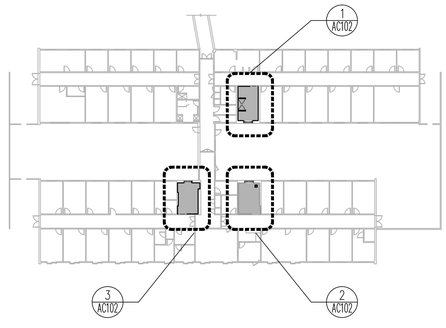
GENERAL CEILING PLAN NOTES

A. REFER TO SHEET G1004 FOR REFLECTED CEILING PLAN LEGEND.
B. REFER TO SHEET A501 FOR TYPICAL CEILING DETAILS INCLUDING LOCATION OF SPRINKLER HEADS.
C. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE & LEGEND.
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F. CENTER ALL CEILING GRIDS IN ROOMS UNLESS NOTED OTHERWISE.
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I. REFER TO ROOM FINISH SCHEDULE FOR CEILING HEIGHTS.

(X) CEILING PLAN KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

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KEY PLAN - BUILDING 18- 1ST FLOOR

NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com
700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 18 - FLOOR 1 CEILING PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: JJ/JC

Project Number: 561-14-106

Building Number: 18

Drawing Number: AC102

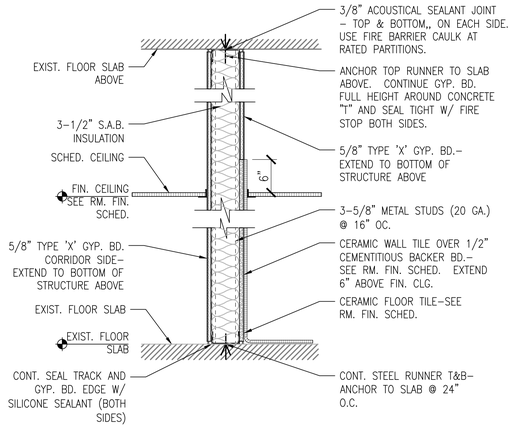
Office of Construction and Facilities Management

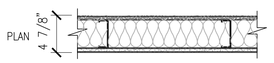
VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

three quarters inch = one foot 1-11-20 09:16:23 PM JJohnson
one inch = one foot
one and one half inches = one foot
three inches = one foot
one eighth inch = one foot
one quarter inch = one foot
three eighths inch = one foot
one half inch = one foot
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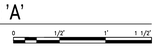


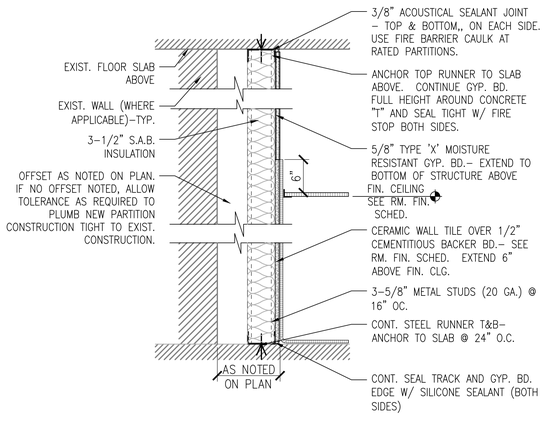


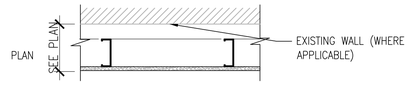
A PARTITION AS SHOWN: UL–U465, 1 HR. RATED FULL HEIGHT

1 WALL PARTITION TYPE 'A'

1–1/2"=1'–0"



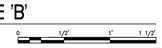


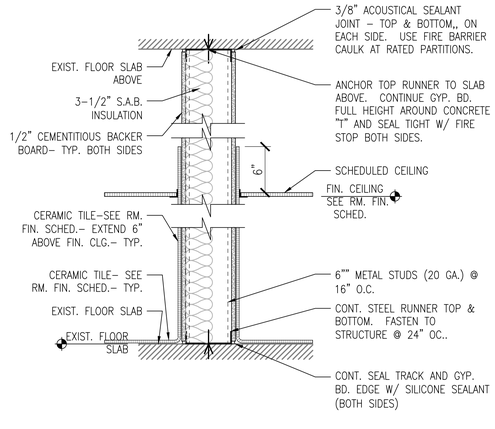


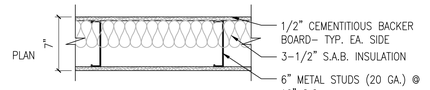
B PARTITION AS SHOWN

2 WALL PARTITION TYPE 'B'

1–1/2"=1'–0"



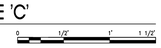




C PARTITION AS SHOWN

3 WALL PARTITION TYPE 'C'

1–1/2"=1'–0"



D PARTITION AS SHOWN

4 WALL PARTITION TYPE 'D'

1–1/2"=1'–0"

E PARTITION AS SHOWN

5 WALL PARTITION TYPE 'E'

1–1/2"=1'–0"

F PARTITION AS SHOWN

6 WALL PARTITION TYPE 'F'

1–1/2"=1'–0"

F PARTITION AS SHOWN

7 WALL PARTITION TYPE 'G'

1–1/2"=1'–0"

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL- TYPICAL WALL PARTITION TYPES

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: JC

Project Number: 561-14-106

Building Number:

Drawing Number: A501

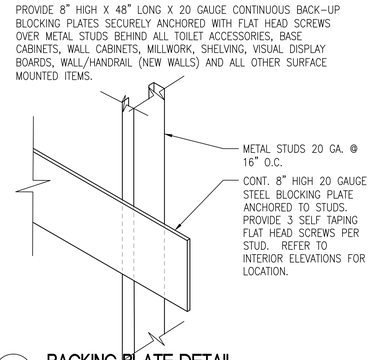
Office of Construction and Facilities Management

Department of Veterans Affairs

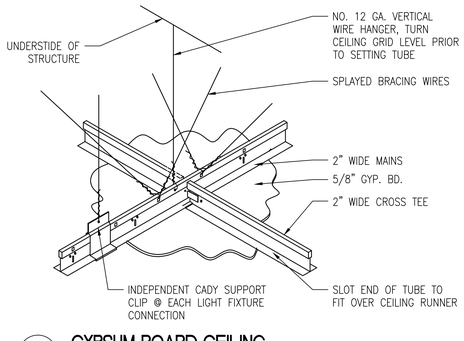
VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID

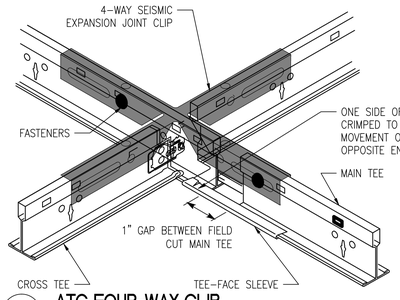
VA FORM 08-6231
V:\CGL_PROJECTS\2017\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-A501_DETAILS.dwg 1-11-20 09:06:09 PM Johnson
three quarters inch = one foot
one and one half inches = one foot
one inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



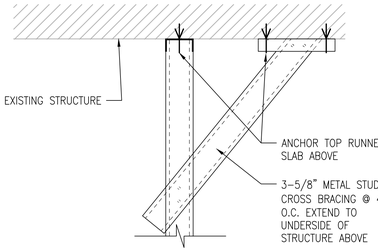
1 BACKING PLATE DETAIL
1-1/2"=1'-0"



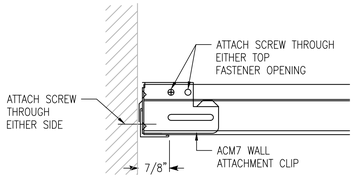
2 GYPSUM BOARD CEILING
1-1/2"=1'-0"



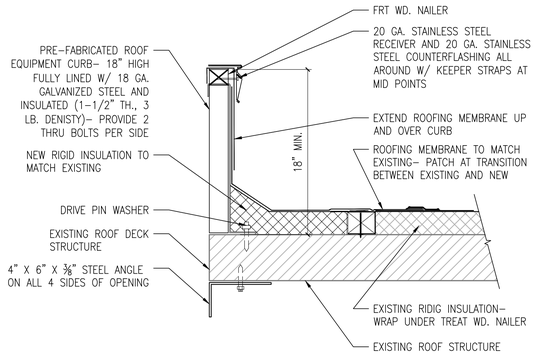
3 ATC FOUR-WAY CLIP
1-1/2"=1'-0"



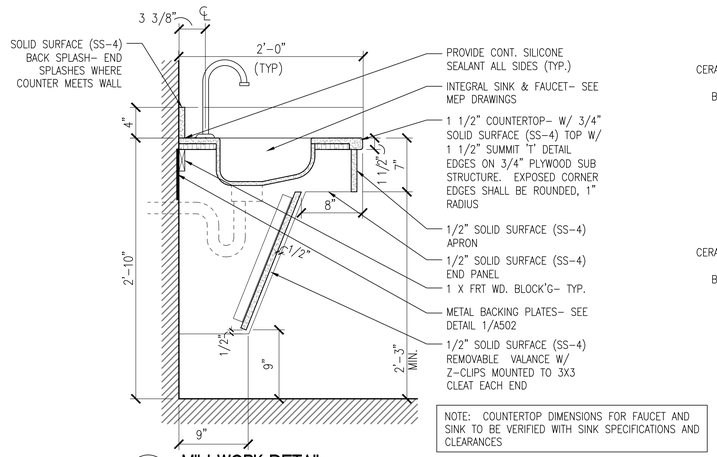
4 CONNECTION TO CONSTRUCTION
1-1/2"=1'-0"



5 SEISMIC WALL ATTACHMENT CLIP
1-1/2"=1'-0"

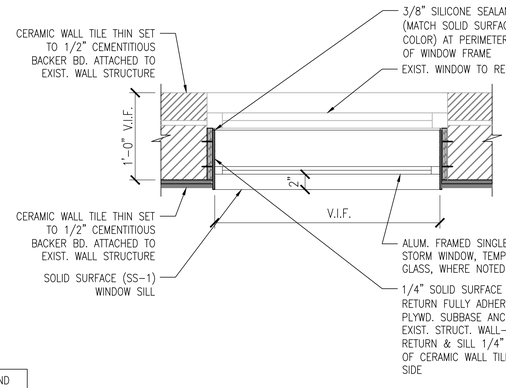


6 EQUIPMENT CURB DETAIL
1-1/2"=1'-0"

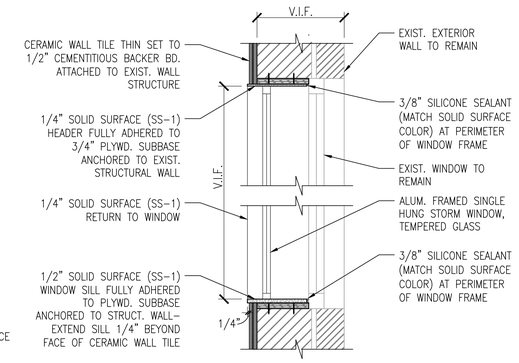


NOTE: COUNTERTOP DIMENSIONS FOR FAUCET AND SINK TO BE VERIFIED WITH SINK SPECIFICATIONS AND CLEARANCES

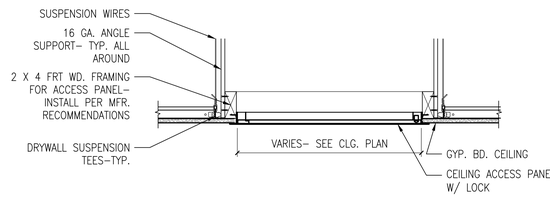
7 MILLWORK DETAIL
1-1/2"=1'-0"



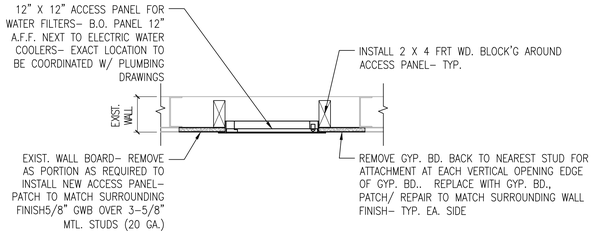
8 WINDOW PLAN DETAIL
1-1/2"=1'-0"



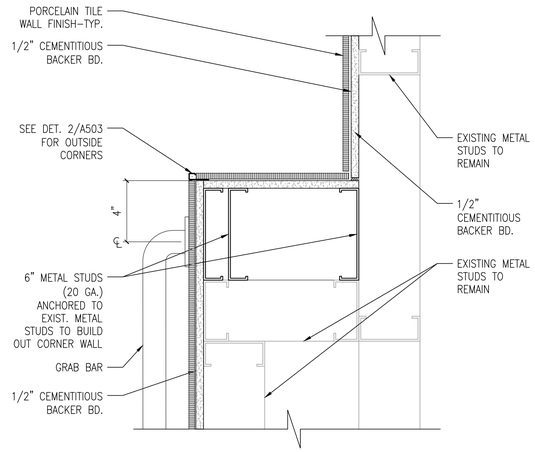
9 WINDOW SECTION DETAIL
1-1/2"=1'-0"



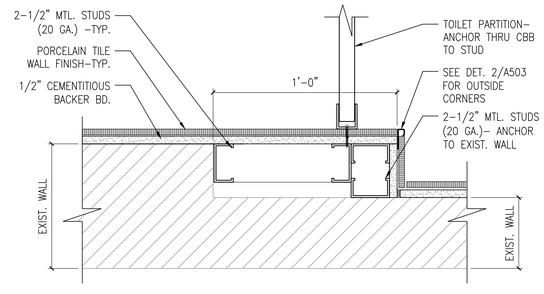
10 CEILING ACCESS PANEL DETAIL
1-1/2"=1'-0"



11 WALL ACCESS PANEL DETAIL
3"=1'-0"



12 CORNER BUILD-OUT DETAIL
3"=1'-0"



13 CORNER BUILD-OUT DETAIL
3"=1'-0"

VA CONTRACT NO. 36C242-18-C-0004

Revisions:	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
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65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

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T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL- MISCELLANEOUS DETAILS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date	Checked	Drawn
01/13/20	PB	ll/JC

Project Number: 561-14-106

Building Number:

Drawing Number: A502

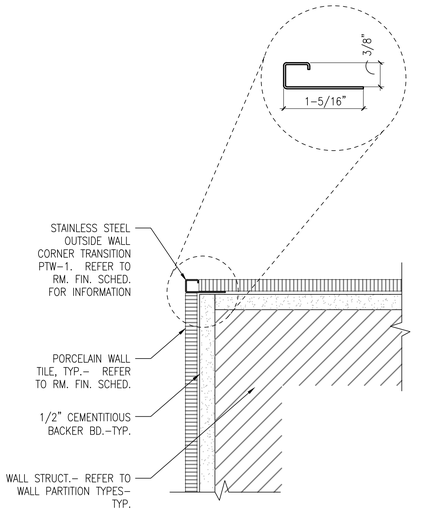
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

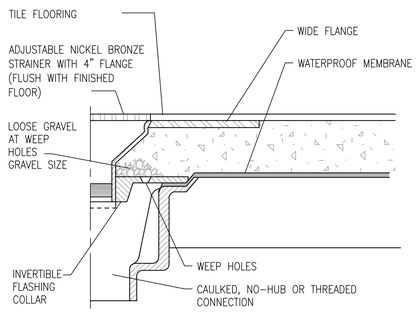
100% CONSTRUCTION DOCUMENTS FOR BID

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
VA CO36_PROJECTS\2017\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\402- Design Documents\Drawings\WORKING\561-14-106-A501_DETAILS.dwg 1-11-20 09:05:27 PM Johnson



1 TYP. OUTSIDE CORNER WALL TRIM

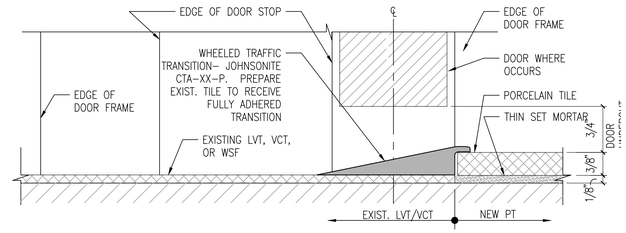
6"=1'-0"



NOTE:

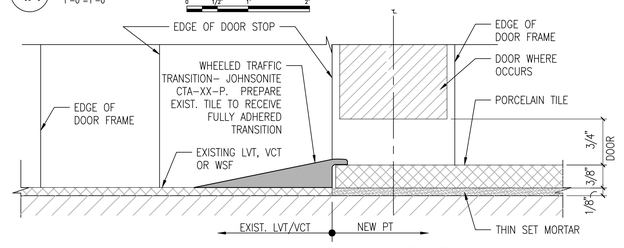
1. SLOPE MEMBRANE LINER 2% TO DRAIN.

2. PROVIDE FLASHING MEMBRANE WHEN DRAIN IS INSTALLED IN A NON MEMBRANE FLOOR



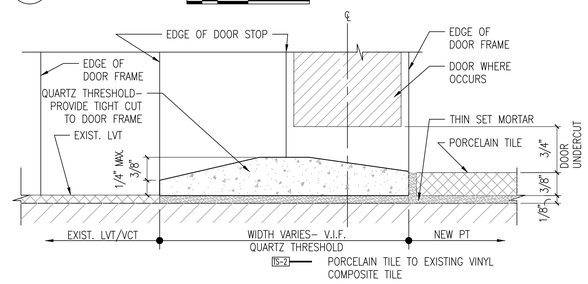
4A FLOOR TRANSITION STRIP TS-1

1'-0"=1'-0"



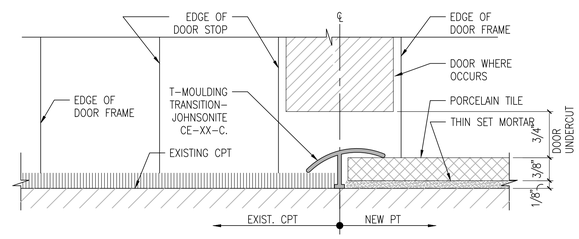
4B FLOOR TRANSITION STRIP TS-1A

1'-0"=1'-0"



4C FLOOR TRANSITION STRIP TS-2

1'-0"=1'-0"



4D FLOOR TRANSITION STRIP TS-3

1'-0"=1'-0"

VA CONTRACT NO. 36C242-18-C-0004

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
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100% CD PREVIEW- INTERIORS	11/18/2019
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25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

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Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL- MISCELLANEOUS DETAILS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: ll/JC

Project Number: 561-14-106

Building Number:

Drawing Number: A503

Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
V:\COS_PROJECTS\2017\17-113_36C242P18C0004_Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561114106-A501_DETAILS.dwg 1-11-20 09:04:50 PM Johnson

DOOR & FRAME SCHEDULE

DOOR NO.	ROOM LOCATION	ROOM NO.	LEAF					FRAME					FIRE RATING	HDW See 087100	GLASS	NOTES	REMARKS
			Width	Height	THK	MATL	ELEV.	MATL	ELEV.	HEAD DET.	JAMB DET.	SILL DET.					
A-213	TOILET ROOM	A-213	3'-0"	6'-8"	1-3/4"	WD	A	ETR	ETR	ETR	ETR	TS-1	NA	3		1, 2, 4	
3-183	TOILET ROOM	3-183	3'-0"	7'-0"	1-3/4"	WD	A	ETR	ETR	ETR	ETR	TS-1	NA	3		1, 2, 3, 4	
8-183	TOILET ROOM	8-183	2'-6"	7'-0"	1-3/4"	WD	A	ETR	ETR	ETR	ETR	TS-1	NA	1		1, 2	
10-183	TOILET ROOM	10-183	2'-6"	7'-0"	1-3/4"	WD	A	ETR	ETR	ETR	ETR	TS-1	NA	1		1, 2	
11-169	TOILET ROOM	11-169	2'-6"	7'-0"	1-3/4"	WD	A	ETR	ETR	ETR	ETR	TS-2	NA	1		1, 2	
13-208	TOILET ROOM	13-208	3'-8"	7'-0"	1-3/4"	WD	A	ETR	ETR	ETR	ETR	TS-1A	NA	4		1, 2, 4A	
5-1-105	TOILET ROOM	5-1-105	3'-0"	7'-0"	1-3/4"	WD	A	HM	1	3/A601	4/A601	TS-2	NA	1		1	
5-1-106	TOILET ROOM	5-1-106	3'-0"	7'-0"	1-3/4"	WD	A	HM	1	1/A601	2/A601	TS-1	NA	3		1, 4	
5-2-105	TOILET ROOM	5-2-105	3'-0"	7'-0"	1-3/4"	WD	A	HM	1	3/A601	4/A601	TS-1A	NA	1		1	
5-2-105D	TOILET ROOM	5-2-105D	3'-0"	7'-0"	1-3/4"	WD	A	HM	1	1/A601	2/A601	TS-3	NA	2		1	
18-118	TOILET ROOM	18-118	3'-0"	7'-0"	1-3/4"	WD	A	ETR	ETR	ETR	ETR	TS-1A	NA	3		1, 2, 4	
18-144	TOILET ROOM	18-144	3'-6"	7'-0"	1-3/4"	WD	A	ETR	ETR	ETR	ETR	TS-1A	NA	3		1, 2, 4	
18-157	TOILET ROOM	18-157	3'-6"	7'-0"	1-3/4"	WD	A	ETR	ETR	ETR	ETR	TS-1A	NA	3		1, 2, 4	

GENERAL NOTES:

A. CONTRACTOR SHALL REVIEW HARDWARE SETS WITH OWNER PRIOR TO ORDERING.

B. NON-RATED DOORS SHALL HAVE HOSPITAL STOPS.

C. FIELD VERIFY EXISTING FRAME OPENING DIMENSIONS WHERE NEW DOORS ARE TO BE INSTALLED.

D. WOOD DOORS ARE SOLID CORE.

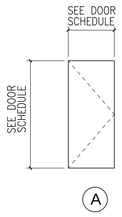
E. ETR: EXISTING TO REMAIN

F. TS: TRANSITION STRIP. REFER TO SHEET A503 FOR DETAILS.

NOTES:

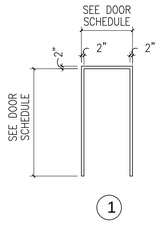
1. UNDERCUT DOOR 3/4"
2. PREPARE FRAME AS REQ'D BY MFR. RECOMMENDATIONS TO RECEIVE 'BONDO' METAL REINFORCED FILLER. PRIME AND PAINT.
3. EXISTING CONDUIT FOR DOOR OPERATOR WIRING TO REMAIN IN PLACE. REFER TO ELECTRICAL FOR COMPLETE INFORMATION ON NEW DOOR OPERATOR WITH PUSH PLATE.
4. DOOR SHALL HAVE AUTOMATIC DOOR OPENING PUSH PLATE.

4A. AUTOMATIC DOOR OPENING PUSH PLATE SHALL BE ON EMERGENCY POWER. REFER TO ELECTRICAL.



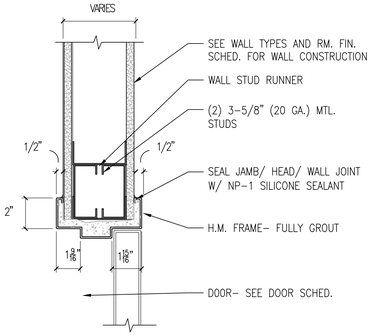
DOOR TYPES

1/4"=1'-0"



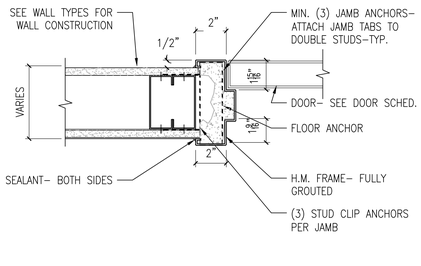
FRAME TYPES

1/4"=1'-0"



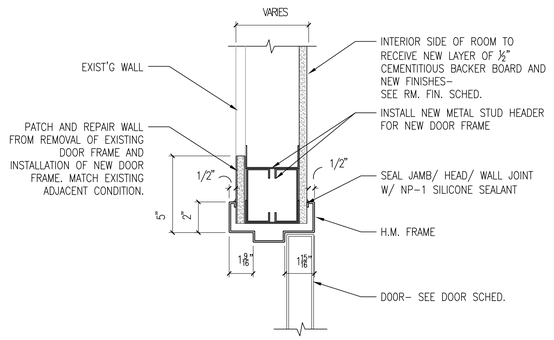
1 TYP. H.M. HEAD DETAIL

3"=1'-0"



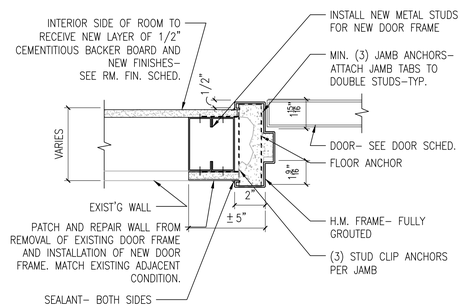
2 TYP. H.M. JAMB DETAIL

3"=1'-0"



3 TYP. H.M. HEAD DETAIL EXISTING WALL CONDITION

3"=1'-0"



4 TYP. H.M. JAMB DETAIL EXISTING WALL CONDITION

3"=1'-0"

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
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Revisions:	Date

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Elk Grove Village, IL 60007
T: 847.952.9362

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Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - DOOR SCHEDULE AND DETAILS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: CZ | Drawn: JC

VA CONTRACT NO. 36C242-18-C-0004

Project Number: 561-14-106

Building Number:

Drawing Number: A601

Office of Construction and Facilities Management

VA Department of Veterans Affairs

K:\CCC-PROJECTS\2017\17-113_36C242180004_Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561140106-A601_DOOR SCHEDULE.dwg 1-11-20 09:07:06 PM JJohnson

MOUNTING HEIGHTS FOR ELECTRICAL DEVICES

DEVICE	MOUNTING HEIGHTS
LIGHT SWITCHES, WALL MOUNTED OCCUPANCY SENSORS	48" TO CENTERLINE OF BOX. EXCEPTION: 44" MAXIMUM TO TOP ABOVE COUNTERS WHICH ARE 20"–25"D.
DISCONNECT SWITCHES, MOTOR STARTERS, MOTOR PUSH BUTTON STATIONS	60" TO CENTERLINE.
WALL MOUNTED EXIT SIGNS	90" TO CENTERLINE OF SIGN OR CENTERED IN WALL AREA BETWEEN TOP OF DOOR AND CEILING.
CEILING MOUNTED EXIT SIGNS	80" TO BOTTOM FIXTURE.
RECEPTACLES	18" TO CENTERLINE OF BOX. EXCEPTION: 44" MAXIMUM TO TOP ABOVE COUNTERS WHICH ARE 20"–25"D.
SPECIAL OUTLETS OR RECEPTACLES	18" TO CENTERLINE OF BOX OR AS NOTED ON DRAWINGS. EXCEPTION: 44" MAXIMUM TO TOP ABOVE COUNTERS WHICH ARE 20"–25"D.
PLUGMOLD OR WIREMOLD	AS NOTED ON DRAWINGS. EXCEPTION: 44" MAXIMUM TO TOP ABOVE COUNTERS WHICH ARE 20"–25"D.
CLOCK OUTLETS	12" CEILING TO CENTERLINE OR 7'–0" TO CENTERLINE IF CEILING IS OVER 8'–0".
DATA/COMMUNICATION OR TELEPHONE OUTLETS	18" TO CENTERLINE OF BOX, U.N.O.
TELEPHONE OUTLETS – WALL TYPE	54" TO DIAL CENTER (NON–ACCESSIBLE). 48" TO HIGHEST OPERABLE PART (ACCESSIBLE).
PAY TYPE TELEPHONE OUTLETS	48" MAXIMUM TO COIN SLOT.
FIRE ALARM MANUAL PULL STATIONS	48" TO CENTERLINE OF BOX – NOT MORE THAN 5'–0" FROM EXIT.
FIRE ALARM AUDIBLE ONLY DEVICE	NOT LESS THAN 90" TO TOP OR 6" BELOW CEILING, WHICH EVER IS HIGHER.
FIRE ALARM VISUAL ONLY DEVICE OR A COMBINATION AUDIBLE AND VISUAL DEVICE	80" TO BOTTOM OF DEVICE OR NOT MORE THAN 96" TO TOP.
WALL MOUNTED REMOTE INDICATOR LIGHT	80" TO CENTERLINE OF DEVICE OR 6" BELOW CEILING, WHICHEVER IS LOWER.
AREA OF REFUGE TELEPHONE	SAME AS TELEPHONE – ACCESSIBLE.
CALL FOR AID SWITCH WITH PULL CHAIN TO FLOOR	48" TO CENTERLINE OF BOX MINIMUM (TOILETS). 66" TO CENTERLINE OF BOX MAXIMUM (SHOWERS – LOCATED OUT OF SPRAY AREA).
CARD READER	48" TO HIGHEST OPERABLE PART (SIDE OR FORWARD ACCESS).
INTERCOM STATION	54" TO HIGHEST OPERABLE PART (SIDE ACCESS). 48" HIGHEST OPERABLE PART (FORWARD ACCESS).
SOUND SYSTEM VOLUME CONTROL	54" TO HIGHEST OPERABLE PART (SIDE ACCESS). 48" HIGHEST OPERABLE PART (FORWARD ACCESS).
MICROPHONE OUTLETS	16" TO BOTTOM OF BOX.
THERMOSTATS	54" TO HIGHEST OPERABLE PART (SIDE ACCESS). 48" HIGHEST OPERABLE PART (FORWARD ACCESS).
TEMPERATURE/HUMIDITY SENSORS	60" TO CENTER LINE OF BOX.

NOTES:

1. ALL DIMENSIONS ARE CONSIDERED FROM FINISHED FLOOR AND, UNLESS NOTED OTHERWISE, SHALL NOT VARY. RAISED FLOORS SHALL BE CONSIDERED FINISHED FLOOR.
2. ALL DIMENSIONS SHALL BE COORDINATED WITH ARCHITECTURAL DETAILS AND MAY BE ADJUSTED TO CONFORM WITH ARCHITECTURAL REQUIREMENTS AS LONG AS NO CODE RESTRICTION IS VIOLATED.
3. OUTLETS INSTALLED LOWER THAN 15" AFF (FORWARD REACH) AND 9" AFF (SIDE REACH) ARE IN VIOLATION OF ADA.

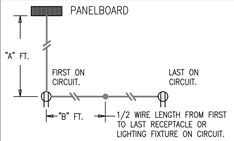
SPECIAL NOTES:

1. EXIT SIGNS SHALL NOT BE INSTALLED IN A MANNER THAT THE SIGN WILL BLOCK FIRE ALARM VISUAL DEVICES.
2. FOR LIGHTING FIXTURES MOUNTING HEIGHTS SEE SCHEDULE AND DRAWINGS.

WIRE SIZING TABLE

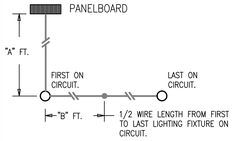
FOR 120V–20A BRANCH CIRCUITS ONLY (UNLESS NOTED OTHERWISE)

IF DISTANCE (A+B) IN FEET IS: (SEE DIAGRAM AT RIGHT)	USE COPPER WIRE IN METALLIC CONDUIT, AWG SIZE AS FOLLOWS ON ENTIRE CIRCUIT AND SIZE CONDUIT ACCORDINGLY.
0' TO 100'	#12 AWG (MIN.)
100' TO 175'	#10 AWG
175' TO 300'	#8 AWG
300' TO 450'	#6 AWG (MAX.)



FOR 277V–20A BRANCH CIRCUITS ONLY (UNLESS NOTED OTHERWISE)

IF DISTANCE (A+B) IN FEET IS: (SEE DIAGRAM AT RIGHT)	USE COPPER WIRE IN METALLIC CONDUIT, AWG SIZE AS FOLLOWS ON ENTIRE CIRCUIT AND SIZE CONDUIT ACCORDINGLY.
0' TO 250'	#12 AWG (MIN.)
250' TO 400'	#10 AWG
400' TO 700'	#8 AWG
700' TO 1000'	#6 AWG (MAX.)



NOTES:

1. TABLES ARE BASED ON EVENLY DISTRIBUTED LOAD ALLOWING A 3% VOLTAGE DROP AT LAST OUTLET.
2. 480V MOTOR BRANCH CIRCUIT CONDUCTORS SHALL BE #12 AWG IN 3/4" C UNLESS OTHERWISE NOTED.
3. SIZE OF CONDUCTORS ARE BASED UPON EACH MOTOR BEING FED WITH SEPARATE CONDUIT. IF CONDUCTORS FOR TWO MOTORS (MAX.) ARE TO BE COMBINED IN ONE CONDUIT, INCREASE THE SIZE OF CONDUCTORS AND CONDUITS PER NATIONAL ELECTRICAL CODE (NEC), TO COMPENSATE FOR CONDUCTOR DE–RATING.
4. PROVIDE DEDICATED NEUTRAL FOR EACH CIRCUIT.

DEMOLITION GENERAL NOTES

A. ANY INTERRUPTION OF CIRCUITING TO AREAS NOT BEING REMODELED SHALL BE INTERCEPTED AT A LOCATION THAT DOES NOT INTERFERE WITH NEW CONSTRUCTION. HOMERUN CIRCUITING FOR THESE INTERRUPTED CIRCUITS IS TO BE NEW WIRING. ALL CIRCUITS THAT ARE SHARED WITH DEVICES OUTSIDE THE AREA OF DEMOLITION SHALL REMAIN POWERED AND SHALL BE RECONNECTED TO THE EXISTING ASSOCIATED PANELS FEEDING THESE ITEMS. AFTER REMOVAL, ALL CONTINUITY IS TO BE CHECKED FOR ALL LIGHTS, OUTLETS, COMM./DATA OUTLETS, FIRE ALARM DEVICES IN THE AREAS NOT BEING REMODELED TO ENSURE PROPER FUNCTIONING.

B. CIRCUIT NUMBER SHOWN NEAR EXISTING OUTLETS IS AS PER FIELD SURVEY. CONTRACTOR SHALL BE RESPONSIBLE TO TRACE CIRCUITS AND FIND OUT BREAKER LOCATIONS AND DEMO THE CABLES AND UPDATE THE PANEL DIRECTORY FOR VA RECORD.

C. WHERE SOURCE OF SUPPLY IS A PANEL BOARD, RE–LABEL PROTECTIVE DEVICE AS "SPARE". AFTER DEMOLITION IS COMPLETE, SUBMIT REVISED PANEL BOARD SCHEDULES INDICATING "SPARES" TO OWNER AND ENGINEER.

D. ALL ELECTRICAL DEVICES, LIGHTING FIXTURES, PA SYSTEM DEVICES, ETC. REMOVED AND NOT REUSED AND/OR INDICATED TO BE REMOVED TO OWNERS STORAGE SHALL BECOME THE PROPERTY OF THE OWNER. THE OWNER SHALL HAVE THE FIRST CHOICE TO ACCEPT EXISTING DEVICES BEING REMOVED. IF THE OWNER ELECTS NOT TO RETAIN FIXTURES, ELECTRICAL CONTRACTOR SHALL REMOVE FIXTURES FROM JOB SITE AND DISPOSE PROPERLY.

E. DEMOLITION DRAWINGS ARE BASED ON FIELD OBSERVATION AND EXISTING RECORD DRAWINGS. REPORT DISCREPANCIES TO OWNER BEFORE DISTURBING EXISTING INSTALLATION. CONTRACTOR SHALL COORDINATE WITH OWNER FOR ANY HIDDEN/UNFORESEEN WORK FOUND AFTER COMMENCEMENT OF WORK, THAT NEEDS TO BE REWORKED/RELOCATED TO COMPLETE NEW WORK.

F. DO NOT CUT LABELS OFF OF WAP DEVICES WIRES. THE LABELS IDENTIFY WHERE THEY ARE WIRED TO. COIL UP AND SECURE. SAME CABLE SHALL BE RE–USED FOR NEW INSTALLATION.

G. UNLESS OTHERWISE INDICATED REMOVE AND DEMOLISH ALL EXISTING WIRING DEVICES, WIREMOLD, SURFACE RACEWAYS, DATA OUTLETS, PHONE OUTLETS, INCLUDING ABANDONED ANALOG TELEPHONE OUTLETS, NURSE CALL DEVICES, PHYSICAL ACCESS CONTROL DEVICES, KEY CARD READERS, IF ANY FROM PROJECT SCOPE AREA.

H. ALL WIRING (POWER, LIGHTING, NURSE CALL ETC.) TO ALL DEMOLISHED DEVICES AS PER NOTE 1 OR ABANDONED IN PLACE WITHIN THE PROJECT SCOPE AREAS SHALL BE COMPLETELY REMOVED BACK TO SOURCE / ASSOCIATED PANELS. EMPTY BOXES (JUNCTION BOXES, PULL BOXES ETC.) SHALL BE REMOVED AND DEMOLISH COMPLETELY. EMPTY CONDUITS TO BE REMOVED BACK TO SOURCE PANELS.

I. ALL THE ELECTRICAL DEVICES, EQUIPMENTS AND ANY ITEM THAT OWNER PREFER TO RETAIN, CONTRACTOR SHALL TRANSFER THESE ITEMS TO OWNER DESIGNATE STORAGE PLACE.

J. CONTRACTOR SHALL REMOVE EXISTING PANIC ALARM BUTTONS LOCATED UNDER ALL EXAM ROOM DESK AND HANDOVER TO VA. REMOVE ALL WIRING TO PANIC ALARM TO SOURCE PANEL LOCATION.

K. SEAL/ FIRESTOP PENETRATIONS IN ALL SMOKE BARRIER AND FIRE–RATED WALLS (EXTENDING TO BOTTOM OF STRUCTURE ABOVE) AND FLOORS, WHERE OPENINGS ARE ENCOUNTERED UP TO 4" DIAMETER.

FIRE ALARM NOTES

1. PRIOR TO DEMOLITION, CONTRACTOR TO NOTIFY VA TO DE–ENERGIZE FIRE ALARM CIRCUITS THAT WILL HAVE STROBES AND ALARMS REMOVED.
2. FOR NEW CONSTRUCTION, GENERAL CONTRACTOR TO COORDINATE WITH THE CERTIFIED FIRE PROTECTION CONTRACTOR, TO PURCHASE SIGNALING DEVICES THAT ARE COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM.
3. CONTRACTOR TO FOLLOW VA FIRE PROTECTION REQUIREMENTS WHENEVER FIRE PROTECTION OR FIRE ALARM SYSTEMS ARE REMOVED/ DISABLED.

ELECTRICAL GENERAL NOTES

SEE ALL PROJECT GENERAL NOTES AND OTHER REQUIREMENTS INCLUDING THE LIFE SAFETY AND INFECTION CONTROL REQUIREMENTS LOCATED WITHIN THE GENERAL DRAWINGS SECTION. COMPLY WITH ALL REQUIREMENTS AS THEY ARE A DIRECT PART OF THIS SECTION AND AS IF THEY WERE DIRECTLY INCLUDED AND PROVIDED BELOW.

EQUIVALENCY SUBSTITUTIONS: THE "BASIS OF DESIGN (BOD) PROTOCOLS" IS TO BE FOLLOWED FOR ALL EQUIPMENT, MATERIALS AND ASSEMBLIES SPECIFIED AND DETAILED THROUGHOUT ALL DRAWINGS AND SPECIFICATION SECTIONS, WHETHER THE BOD DESIGNATE IS SPECIFICALLY REFERENCED THEREIN OR NOT. SEE THE GENERAL DRAWINGS SECTION FOR THE FULL BOD EQUIVALENCY SUBSTITUTION REQUIREMENTS AND PROTOCOLS TO BE FOLLOWED.

1. CODES:

   THE WORK SHALL COMPLY WITH ALL APPLICABLE LOCAL, MUNICIPAL, STATE, NATIONAL CODES, AND ALL VA APPLICABLE DESIGN MANUALS STANDARDS REQUIREMENTS. WHERE THE CONSTRUCTION DOCUMENTS INDICATE MORE RESTRICTIVE REQUIREMENTS THE CONSTRUCTION DOCUMENTS SHALL GOVERN. HOWEVER, THE CONSTRUCTION DOCUMENTS SHALL NOT BE INTERPRETED AS AUTHORITY TO VIOLATE ANY CODE OR REGULATION. ALL WORK, MATERIAL, AND EQUIPMENT SHALL COMPLY WITH ALL REQUIREMENTS OF THE LATEST EDITIONS AND INTERIM AMENDMENTS OF THE NATIONAL ELECTRICAL CODE (N.E.C.), NATIONAL ELECTRICAL SAFETY CODE, OSHA, AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND ORDINANCES ALONG WITH ALL DESIGN CRITERIA STANDARDS AND REQUIREMENTS. ALL ELECTRICAL EQUIPMENT PROVIDED UNDER THIS CONTRACT SHALL BE NEW (EXCEPT WHERE OTHERWISE NOTED) AND SHALL BEAR THE MARK OF NATIONALLY RECOGNIZED TESTING LABORATORY, WHEN APPLICABLE. ALL EQUIPMENT OF THE SAME TYPE AND CAPACITY SHALL BE BY THE SAME MANUFACTURER.

2. DRAWINGS AND SPECIFICATIONS:

   THE CONTRACTOR SHALL BE RESPONSIBLE FOR READING AND COMPLYING WITH BOTH THE DRAWINGS AND SPECIFICATIONS. IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN THE DRAWINGS, NOTES, SPECIFICATIONS, OR CODES, THE REFERENCE WHICH PROVIDES THE MORE COMPLETE OR HIGHER STANDARD SHALL PREVAIL UNLESS OTHERWISE CLARIFIED BY THE VA/COR AND/OR THE VA/COR. CONTRACTOR SHALL REVIEW ENTIRE SET OF CONTRACT DOCUMENTS: INCLUDING BUT NOT NECESSARILY LIMITED TO ALL ARCHITECTURAL, ALL STRUCTURAL, ALL MECHANICAL, ALL ELECTRICAL, ALL PLUMBING, AND ENTIRE SPECIFICATIONS. CONTRACTOR SHALL ACKNOWLEDGE AND INCLUDE IN THE SCOPE OF WORK (CONTRACT) ALL CONDITIONS PERTINENT TO THE COMPLETION OF THE ELECTRICAL WORK. CONTRACTOR SHALL FULLY COORDINATE ELECTRICAL WORK WITH THE INSTALLATION OF WORK BY ALL OTHER TRADES AND MAKE NECESSARY FIELD ADJUSTMENTS AS REQUIRED TO ACCOMMODATE THE ELECTRICAL INSTALLATION. ALL OF THE ABOVE SHALL BE INCLUDED IN THE BASE SCOPE OF WORK AT NO ADDITIONAL COST TO THE VA.

3. INTERPRETATION OF THE DOCUMENTS:

   CAREFULLY COMPARE THE DRAWINGS AND SPECIFICATIONS, CHECKING MEASUREMENTS AND CONDITIONS UNDER WHICH THIS INSTALLATION IS TO BE MADE. FOR CLARIFICATION BETWEEN VARIOUS DRAWINGS, BETWEEN DRAWINGS OR SPECIFICATION, OR BETWEEN SECTIONS OF THE SPECIFICATION, THE MATTER SHALL BE REFERRED TO THE VA/COR FOR CLARIFICATION AND APPROVAL BEFORE ANY WORK IS EXECUTED. THE CONTRACTOR SHALL STATE IN THEIR PROPOSAL ANY EXCEPTIONS NECESSARY TO MAKE THIS A COMPLETE, READY TO USE INSTALLATION. IF NOT STATED IN THEIR BID, IT WILL NOT BE CONSIDERED EXTRA. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, IN A NEAT AND WORKABLE MANNER CONSISTENT WITH INDUSTRY RECOGNIZED GOOD PRACTICE, AND SHALL BE SUBJECT TO THE APPROVAL OF THE VA/COR. ANY CHANGES TO THE CONTRACT REQUIREMENTS MUST BE APPROVED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL KEEP UP–TO–DATE AS–BUILT DRAWINGS, ON–SITE, AVAILABLE, INCLUDING ALLOWABLE DEVIATIONS FROM THE CONTRACT DRAWINGS.

4. ELECTRICAL DRAWINGS:

   THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL DOORS, WALLS, FURNITURE, EQUIPMENT, ETC.. THE LOCATION OF RACEWAY SYSTEM COMPONENTS IS SCHEMATIC. THE EXACT LOCATION OF RACEWAY SYSTEM COMPONENTS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD. THE CONTRACTOR SHALL CONFIRM THE DIMENSIONS OF THE ACTUAL EQUIPMENT TO BE SUPPLIED FOR THIS PROJECT, VERIFY CLEARANCES AND ROUGH–INS, AND OBTAIN ALL APPROVALS PRIOR TO STARTING WORK.

5. SITE EXAMINATION:

   BEFORE SUBMITTING A BID, THE CONTRACTOR SHALL VISIT THE SITE, EXAMINE THE PREMISES, AND MAKE A THOROUGH SURVEY OF THE EXISTING CONDITIONS. THIS VISIT SHALL ONLY BE ALLOWED AS PER THE VA SCHEDULED WALK THROUGH. THE SUBMISSION OF A BID WILL BE CONSTRUED AS EVIDENCE THAT SUCH A VISIT HAS BEEN MADE. NO CONSIDERATION OR ALLOWANCE WILL BE GRANTED FOR FAILURE TO VISIT THE SITE OR FOR LATER CLAIMS FOR LABOR, EQUIPMENT, MATERIALS REQUIRED, OR FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH VISIT BEEN MADE. CONTRACTOR SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK, AND FULLY INFORM THEM SELF AS TO ALL CONDITIONS AND MATTERS THAT CAN, IN ANY WAY, AFFECT THE WORK OR THE COST THEREOF. SHOULD THIS CONTRACTOR FIND DISCREPANCIES IN, OR OMISSIONS FROM, THE DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS OR BE IN DOUBT AS TO THEIR MEANING, NOTIFY THE VA/COR AT ONCE, IN WRITING, OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND NEW WORK, OR BETWEEN ELECTRICAL WORK AND THE WORK OF OTHER TRADES. OBTAIN CLARIFICATION(S) PRIOR TO SUBMITTING ANY BID. LACK OF SUCH NOTIFICATION SHALL BE CONSTRUED TO INDICATE NO DISCREPANCIES OR CONFLICTS EXIST. ADDITIONAL COMPENSATION WILL NOT BE GRANTED AFTER AWARD OF CONTRACT FOR ANY WORK REQUIRED TO COMPLY WITH THESE REQUIREMENTS.

6. COORDINATION WITH OTHER TRADES:

   THE ELECTRICAL CONTRACTOR SHALL OBTAIN A COMPLETE SET OF GENERAL, ARCHITECTURAL AND ENGINEERING DOCUMENTS AND COORDINATE WITH MECHANICAL, PLUMBING, ARCHITECTURAL, AND OTHER TRADES FOR EXACT DIMENSIONS, CLEARANCES, ROUGH–IN LOCATIONS, AND OTHER ADDITIONAL SCOPES OF WORK THAT MAY NOT BE SHOWN ON THE ELECTRICAL PLANS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL 120 VOLT (AND HIGHER) AC POWER TO OTHER TRADES EQUIPMENT AND HARDWARE. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, CONTROLS, FIRE AND SECURITY SYSTEMS, MOTORIZED DOORS, DAMPERS, LIFTS, AND OTHER SYSTEMS. UNLESS SPECIFICALLY NOTED OTHERWISE ON THE ELECTRICAL PLANS, THE ELECTRICAL CONTRACTOR SHALL FURNISH ALL SAFETY DISCONNECT SWITCHES TO MECHANICAL EQUIPMENT. THE CONTRACTOR SHALL CHECK ALL ARCHITECTURAL, STRUCTURAL, AND MECHANICAL TRADES WORK FOR POSSIBLE INTERFERENCE CAUSED BY CONDITIONS IN THE FIELD, BEFORE THE BID IS MADE. NO ALLOWANCE SHALL SUBSEQUENTLY BE MADE TO THE CONTRACTOR BY REASON OF HIS FAILURE TO HAVE MADE SUCH EXAMINATIONS OR OF ANY ERROR OF THEIR PART.

7. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SCHEDULING DELIVERY, RECEIVING, UNLOADING, UNCRATING, STORING SETTING IN PLACE, AND PROTECTING FROM DAMAGE, VANDALISM, THEFT OR WEATHER DURING CONSTRUCTION FOR ALL NEW EQUIPMENT FURNISHED BY THE ELECTRICAL CONTRACTOR. CONTRACTOR SHALL PAY ALL PERMIT FEES, PLAN REVIEW FEES, LICENSE FEES, INSPECTIONS AND TAXES APPLICABLE TO THIS DIVISION IF NECESSARY. (FEDERAL GOVERNMENT IS NOT SUBJECT TO LOCAL PERMITS OR FEE FOR THE PROJECT).

8. FIRE STOPPING:

   ALL PENETRATIONS IN WALL, FLOOR OR CEILINGS SHALL BE SUITABLY CLOSED UP AND SEALED WITH AN INTUMESCENT FIRE STOPPING COMPOUND LISTED IN THE MOST RECENT FACTORY MUTUAL RESEARCH CORPORATION (FMRC) APPROVAL GUIDE. WHEN NEW CABLES/CONDUITS PENETRATE EXISTING FIRE RATED WALL, PENETRATIONS SHALL BE SEALED TO MATCH EXISTING RATING TO ENSURE IT RETAIN EXISTING CONDITIONS. THE BOD FOR FIRE STOPPING PRODUCTS SHALL BE AS MANUFACTURED BY THE 3M CO.

9. PAINTING:

   ALL NEWLY INSTALLED EXPOSED PIPING SHALL BE PAINTED TO MATCH THE ADJACENT WALL OR CEILING SURFACE UNLESS THE REQUIRED COLOR CODING IS SPECIFIED.

10. VA FURNISHED EQUIPMENT:

    EQUIPMENT THAT WILL BE FURNISHED BY THE VA WILL BE INDICATED ON A SCHEDULE OR BE INCLUDED IN SPECIFIC NOTES OR SPECIFICATIONS. THE CONTRACTOR SHALL COORDINATE WITH THE VA/COR FOR DELIVERY SCHEDULES. THE CONTRACTOR IS TO ASSUME THAT ON SITE STORAGE MAY NOT BE AVAILABLE WHEN COORDINATING DELIVERY OF EQUIPMENT. THE CONTRACTOR, IN COORDINATION WITH THE VA/COR, WILL INSPECT THE DELIVERY FOR ACCURACY AND SHIPMENT DAMAGE AND ACCEPTING THE EQUIPMENT. THE CONTRACTOR SHALL BE RESPONSIBLE TO STORE, PROTECT, AND ULTIMATELY INSTALL THE EQUIPMENT.

11. ELECTRICAL SERVICE DISRUPTIONS:

    ANY WORK INVOLVING A TASK WHICH EXPOSES ACTIVE BUS SHALL BE PERFORMED AFTER HOURS (11:00PM TO 5:00AM). THIS RESTRICTION INCLUDES REMOVING THE COVER FROM ANY PANEL BOARD, SWITCHBOARD, M.C.C. ETC.. ALL WORK WHICH EXPOSES ACTIVE BUS REQUIRES A WRITTEN NOTIFICATION TO THE VA/COR WHICH WILL OUTLINE THE METHOD OF PROCEDURE FOR THE WORK. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 2 WEEKS NOTICE TO THE VA/COR BEFORE WORKING ON ANY ENERGIZED ELECTRICAL SYSTEM. ALL POWER DISRUPTION SHALL OCCUR AT TIMES AND OF DURATIONS ACCEPTABLE TO THE VA/COR.

12. EQUIPMENT:

    ALL MATERIALS AND EQUIPMENT USED IN THIS INSTALLATION SHALL BE NEW, AND HAVE THE APPROPRIATE UL LISTING AND LABEL. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL, TOOLS, EQUIPMENT SERVICES, AND ACCESSORIES FOR COMPLETE INSTALLATION OF ALL ELECTRICAL WORK AS NOTED. ITEMS OMITTED FROM EITHER THE SPECIFICATIONS OR THE DRAWINGS, BUT SHOWN OR DESCRIBED IN ONE OR THE OTHER, AND ITEMS NECESSARY TO MAKE THE ELECTRICAL SYSTEM COMPLETE AND WORKABLE SHALL FORM A PART OF THE WORK

13. MISCELLANEOUS SUPPORTING MEMBERS:

    ALL ANGLES CHANNELS, AND OTHER MISCELLANEOUS STEEL, BOLTS, RODS, ETC.. REQUIRED TO SUPPORT LIGHT FIXTURE, CONDUIT, RACEWAY, LADDER TRAY, OR OTHER ELECTRICAL EQUIPMENT OR DEVICES SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. ANY MENTION OF A SPECIFIC VOLTAGE ON THE ELECTRICAL DRAWINGS SHALL NOT RELIEVE THE ELECTRICAL CONTRACTOR OF THE RESPONSIBILITY TO VERIFY THE VOLTAGE PRIOR TO PURCHASING OR ROUGH–IN WORK.

14. DISTRIBUTION PANELS AND PANELS BOARDS:

    ALL DISTRIBUTION PANELS AND PANEL BOARDS SHALL BE PROVIDED WITH TYPEWRITTEN DIRECTORIES. SEE PANEL SCHEDULES ON THE DRAWINGS AND SPECIFICATION FOR COMPLETE IDENTIFICATION AND LABELING REQUIREMENTS. ALL DISTRIBUTION PANELS AND PANEL BOARDS SHALL BE LABELED ON THE PANEL CABINET WITH THE PANEL NAME AND THE POWER SOURCE FEEDING THE PANEL AS PER THE ELECTRICAL ONE LINE. DIAGRAM(S).

15. SAFETY:

    CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO ENSURE THE SAFETY OF THE VA'S EMPLOYEES, BUILDING EMPLOYEES AND GUESTS, AS WELL AS THEIR OWN FORCES, BY ADEQUATELY PROTECTING ANY EXPOSED LIVE CONDUCTORS, OR DEVICES THROUGHOUT THE COURSE OF THIS WORK. CONTRACTOR SHALL FOLLOW VA LOCK–OUT, TAGOUT PROCEDURES FOR DE–ENERGIZING AND ENERGIZING ELECTRICAL CIRCUITS.

16. EQUIPMENT CONNECTIONS:

    PROVIDE FINAL CONNECTIONS FOR ALL EQUIPMENT FURNISHED UNDER OTHER DIVISIONS AND FOR ALL VA FURNISHED EQUIPMENT. PROVIDE A FLEXIBLE LIQUID TIGHT CONNECTION TO ALL VIBRATION PRODUCING EQUIPMENT.

17. TEMPORARY LIGHTING, POWER, FIRE, AND SAFETY:

    PROVIDE TEMPORARY LIGHTING AND POWER AS REQUIRED IN AREAS UNDERGOING WORK DURING CONSTRUCTION. FURNISH AND INSTALL ONE OSHA APPROVED PIGTAIL SOCKET WITH 150–WATT LAMP FOR EVERY 500 SQUARE FEET OF FLOOR SPACE AND A MINIMUM 1 PER ROOM. THE TEMPORARY LIGHTING SHALL BE LEFT IN PLACE UNTIL PERMANENT LIGHTING IS COMPLETELY OPERATIONAL. FURNISH AND INSTALL POWER OUTLETS TO A TOTAL OF ONE FOR EVERY 2000 SQUARE FEET OR PART THEREOF OF FLOOR AREA. THESE SHALL BE 15 AMP, SINGLE PHASE RECEPTACLES FOR EITHER 110 OR 220 VOLTS AS DIRECTED BY THE GENERAL/PRIME CONTRACTOR. COORDINATE FOR ADDITIONAL TEMPORARY POWER REQUIREMENTS WITH OTHER TRADES AND PROVIDE AN ADEQUATE INSTALLATION. COMPLY WITH NFPA 241 FOR SAFEGUARDING DURING CONSTRUCTION AND ALTERATION OPERATIONS. IN ADDITION, ANY OPENINGS IN FIRE RATED SEPARATIONS BETWEEN OCCUPIED AND UNOCCUPIED (OR OPERATIONAL AND NON–OPERATIONAL) AREAS SHALL BE SEALED AT THE END OF EACH WORK DAY WITH AN APPROPRIATE FIRE RATED ENCLOSURE OR SEALANT. DO NOT COMPROMISE EXISTING SECURITY OR FIRE ALARM SYSTEMS SERVING THE OCCUPIED OR OPERATIONAL AREAS. DURING CONSTRUCTION THE CONTRACTOR SHALL AT ALL TIMES MAINTAIN ELECTRICAL UTILITIES OF THE BUILDING WITHOUT INTERRUPTION. SHOULD IT BE NECESSARY TO INTERRUPT ANY ELECTRICAL SERVICE OR UTILITY, THE CONTRACTOR SHALL SECURE PERMISSION IN WRITING FROM THE VA/COR FOR SUCH INTERRUPTION AT LEAST 2 WEEKS IN ADVANCE. ANY INTERRUPTION SHALL BE MADE WITH THE MINIMUM AMOUNT OF INCONVENIENCE TO THE VA AND ANY SHUT–DOWN TIME SHALL HAVE TO BE ON A PREMIUM TIME/AFTER HOURS BASIS AND SUCH TIME TO BE INCLUDED IN THE CONTRACTOR'S BID. CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY LIGHTING AND POWER FOR ALL TRADES DURING CONSTRUCTION AND REMOVE IT AT COMPLETION OF WORK. CONTRACTOR SHALL ESTABLISH SAFE WORKING PROCEDURES FOR THE PROTECTION OF THE WORKMEN IN ALL PHASES OF WORK, COMPLYING WITH THE APPLICABLE PROVISIONS OF ALL CITY, STATE, AND FEDERAL SAFETY LAWS (OSHA), AND AS RECOMMENDED IN THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" AS ISSUED BY THE ASSOCIATION OF GENERAL CONTRACTORS OF AMERICA, INC., 20TH AND E. STREETS, N.W. WASHINGTON, D.C.

18. POWER COORDINATION:

    THE CONTRACTOR SHALL PERFORM ALL COORDINATION AND SCHEDULING OF LOCAL POWER OUTAGES REQUIRED WITH THE VA/COR. ALL NEEDED POWER OUTAGES TO BE SCHEDULED WITH THE VA/COR TWO WEEKS IN ADVANCE.

19. CABLING:

    BRANCH CIRCUITS TO RECEPTACLES, LIGHTING AND MISC. SMALL LOADS (15 OR 20 AMP CIRCUITS), UNLESS SPECIFICALLY NOTED OTHERWISE, SHALL BE 2 – #12, 1 – #12 GRD., 3/4" C. A SEPARATE NEUTRAL SHALL BE RUN FOR EACH CIRCUIT. SEE WIRE SIZING TABLE. ALL WIRE SIZE #12 AWG AND LARGER SHALL BE STRANDED AND SOLID FOR #14 AND SMALLER. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE NO MORE THAN THREE CIRCUITS. EACH BRANCH CIRCUIT HOMERUN SHALL HAVE A SEPARATE GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR. ALL CONDUCTORS SHALL BE COPPER TYPE THWN/XHHW.

20. CABLING SIZES:

    BRANCH CIRCUIT CABLE SIZING SHALL BE ADJUSTED BASED ON THE VALUES INDICATED IN THE WIRE SIZING TABLE.

21. SPECIAL LUG REQUIREMENTS:

    ANY CABLE WHICH TERMINATES DIRECTLY ON TO A BUS BAR SHALL BE 2 BOLT LONG BARREL TYPE WITH INSPECTION HOLES PRODUCED WITH NON FLASHING TYPE DYES WITH THE BOD AS MANUFACTURED BY THOMAS AND BETTS, OR EQUIVALENT MINIMUM 10 TONS OF COMPRESSION, HEX CRIMP. THE USE OF HEAT SHRINK TUBING IS EXPLICITLY FORBIDDEN. THERE SHALL BE NO "SHINERS" AT THE LUGS.

22. RACEWAYS:

    ALL WIRE SHALL BE INSTALLED IN THIN WALL (E.M.T.) CONDUIT UNLESS OTHERWISE NOTED. MINIMUM SIZE SHALL BE 3/4" EXCEPT FOR DROPS FOR DEVICES, SWITCH LEGS, TEMPERATURE CONTROL CONDUITS, AND WHERE INDICATED OR AS CALLED FOR ON THE DRAWINGS. ALL THINWALL FITTINGS SHALL BE OF THE STEEL COMPRESSION GLAND TYPE. ALL UNDERFLOOR, UNDERGROUND OR EXPOSED–TO–WEATHER CONDUIT SHALL BE HEAVYWALL GALVANIZED RIGID STEEL. (G.R.S.), MINIMUM 3/4". ALLCONDUIT FASTENERS, STRAPS, SUPPORTS ETC. MUST BE "BOLT–ON" GALVANIZED STEEL ON EXPOSED CONSTRUCTION AND IN WET AREAS. SNAP–ON BLACK METAL "CADDY" CLIPS IN METAL PARTITION WALLS AND ABOVE SUSPENDED CEILINGS WILL BE PERMITTED. ALL FASTENERS, STRAPS, CLIPS, ETC. SHALL BE UL LISTED FOR THEIR USE. SUPPORT CONDUIT WITH THE BOD OF UNISTRUT P1000 AND 3/8" THREADED ROD 8'–0" O.C. MAX. PROVIDE MYERS HUBS OR EQUAL FOR ALL CONDUIT TO ENCLOSURE CONNECTIONS. ALL CONDUIT RACEWAYS SHALL BE CONCEALED IN OR WITHIN: WALLS, CEILING CAVITY, ROOF CONSTRUCTION (WHERE APPROV

ELECTRICAL SYMBOLS

POWER / DATA PLAN

- MOTOR, SINGLE–PHASE
- MOTOR, THREE–PHASE
- T — TRANSFORMER, PLAN
- WYE CONNECTION
- EARTH GROUND
- J — POWER JUNCTION BOX
- A/V — DOUBLE GANG DEEP AUDIO/VISUAL JUNCTION BOX
- C | C — LADDER CABLE TRAY
- HOMERUN TO PANELBOARDS. SLASHED LINES INDICATE NUMBER OF #12 AWG WIRES IN 3/4"C UNLESS OTHERWISE NOTED. LONG SLASH INDICATES NEUTRAL, LONG SLASH WITH DOT INDICATES EQUIPMENT GROUND.
- PB — PULL BOX
- W | W — WIREWAY
- REGULAR POWER
- —S—S—S— LIFE SAFETY POWER
- —C—C—C— CRITICAL POWER
- PANELBOARD CABINET, FLUSH MOUNTED
- PANELBOARD CABINET, SURFACE MOUNTED
- RECEPTACLE, DUPLEX
- RECEPTACLE, DUPLEX ON EMERGENCY POWER
- RECEPTACLE, DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER
- RECEPTACLE, QUADRAPLEX
- S — RECEPTACLE, SINGLE WITH GROUND FAULT INTERRUPTER
- SPECIAL PURPOSE RECEPTACLE, VOLTAGE, RATING AND MOUNTING AS NOTED ON PLANS
- ELECTRICAL STRIP MOLD (OUTLETS ON 2'–0" CENTERS OR AS DESIGNATED ON DRAWINGS), MTD 3'–6" AFF OR AS INDICATED.
- 3–GANG COMPARTMENT BOX IN FLOOR FOR TELEPHONE, DATA & RECEPTACLE.
- THREE PORT TELEPHONE DATA OUTLET – MOUNTED 18" AFF UNLESS OTHERWISE NOTED.
- PP — PUSH PLATE (AUTO OPENING DOOR)
- DISCONNECT SWITCH, FUSED
- DISCONNECT SWITCH, UNFUSED
- STARTER, COMBINATION WITH DISCONNECT SWITCH
- STARTER OR MOTOR CONTROLLER
- VFD — VARIABLE FREQUENCY DRIVE
- TC — TIME CLOCK
- CONDUIT TERMINATED 6" AFF IN STANDARD BOX FOR EXTENSION TO EQUIPMENT AS DIRECTED.
- CONDUIT TERMINATED W/COUPLING (FLUSH W/FINISHED FLOOR) FOR EXTENSION TO EQUIPMENT AS DIRECTED.

LIGHTING PLAN

- S_2 — SWITCH
  BLANK = SINGLE POLE — 2 = DOUBLE POLE
  3 = THREE–WAY — 4 = FOUR–WAY
  D = DOOR SWITCH
  DM= DIMMER — K = KEY OPERATED
  LV= LOW VOLTAGE — L = LOCK
  LM= LOW VOLTAGE MASTER — P = WITH PILOT LIGHT
  PB= PUSH BUTTON STATION — RC= REMOTE CONTROL
  T = TIMER OPERATED — WP= WEATHER PROOF
  X = EXPLOSION PROOF — Mo= OCCUPANCY SENSOR
- OCX — SWITCH, OCCUPANCY SENSOR REFER TO FIXTURE SCHEDULE FOR TYPE
- PC — SWITCH, EXTERIOR PHOTO CELL FOR CONTROL OF EXTERIOR LIGHTING
- L_{PS} — SWITCH, LAMP HOLDER POLE
- LIGHT FIXTURE RECESSED ROUND CEILING MOUNTED DOWNLIGHT
- LIGHT FIXTURE RECESSED SQUARE CEILING MOUNTED DOWNLIGHT
- LIGHT FIXTURE, RECESSED LED, 2'x4'
- LIGHT FIXTURE, RECESSED LED 1'x4'
- LIGHT FIXTURE, RECESSED LED, 2'x2'
- S — LIGHT FIXTURE, SURFACE MOUNTED LED, 2'x4' LETTER INDICATES TYPE.
- S — LIGHT FIXTURE, SURFACE MOUNTED LED, 1'x4' LETTER INDICATES TYPE.
- S — LIGHT FIXTURE, SURFACE MOUNTED LED
- LIGHT FIXTURE, LED EMERGENCY
- J — LIGHT TRACK WITH HEADS AS SHOWN
- S — LIGHT FIXTURE, STRIP/INDUSTRIAL LED; LETTER INDICATES TYPE.
- LIGHT FIXTURE, WALL MOUNTED
- LIGHTING, UNDERCABINET LIGHT/COVE LIGHT
- EMERGENCY BATTERY BACK–UP EGRESS LIGHT
- CEILING MOUNTED RECEPTACLE FOR PROJECTOR
- DOUBLE FACED CEILING OR WALL MOUNTED EXIT SIGN. ARROW INDICATES DIRECTION
- SINGLE FACED CEILING OR WALL MOUNTED EXIT SIGN. ARROW INDICATES DIRECTION
- $ — JUNCTION BOX WITH DISCONNECT SWITCH AND FLEXIBLE CONDUIT CONNECTION
- D — DOOR OPERATOR

ELECTRONIC SAFETY AND SECURITY

- P — ALARM, FIRE, MANUAL PULL STATION
- ALARM, HORN/LIGHT, ONE ASSEMBLY
- S — ALARM, SPEAKER/LIGHT, ONE ASSEMBLY
- H — ALARM, HORN, ONE ASSEMBLY
- ALARM, LIGHT/STROBE, ONE ASSEMBLY (WALL MOUNTED)
- ALARM, LAMP LIGHT, SIGNAL LIGHT, STROBE
- S — SMOKE DETECTOR
- DETECTOR, SMOKE, FOR DUCT
- —FA— FIRE ALARM LINE = FA
- DH — ELECTROMAGNETIC TYPE DOOR HOLDER OUTLET
- NCS — NURSE'S CALL MASTER STATION MTD ON NURSE'S COUNTER TOP UNLESS OTHERWISE NOTED.
- NCT — NURSE CALL TERMINAL CABINET.
- S — DUAL COIL SPEAKER FOR PA AND FIRE ALARM.
- P_A — SECURITY / DURESS–ALARM BUTTON MOUNTED 3" ABOVE COUNTER TOP / COUNTER TOP BACK SPLAH.
- N_D — NURSE CALL DOME LIGHT–CEILING MOUNTED.
- N_D — NURSE CALL DOME LIGHT–WALL MOUNTED 54" AFF UNLESS OTHERWISE NOTED.
- N_D — NURSE CALL DUTY STATION–MOUNTED 54" AFF UNLESS OTHERWISE NOTED.
- N_E — EMERGENCY NURSE CALL– PULL CORD MOUNTED 3 FT. A.F.F. WATER CLOSET LOCATION.

RISER DIAGRAM

- DELTA CONNECTION
- MOTOR, SINGLE–PHASE
- MOTOR, THREE–PHASE
- TRANSFORMER
- WYE CONNECTION
- EARTH GROUND
- JUNCTION BOX
- PB — PULL BOX
- NORMALLY CLOSED RELAY CONTACT
- NORMALLY OPEN RELAY CONTACT
- FUSE WITH RATING
- MOLDED CASE CIRCUIT BREAKER
- LOW–VOLTAGE DRAWOUT AIR CIRCUIT BREAKER
- SWITCH AND FUSE UNIT
- FUSED DRAWOUT POTENTIAL TRANSFORMER
- XX — PANELBOARD
- X — CABLE AND CONDUIT TAG SEE SCHEDULE
- X / Y — EQUIPMENT TAG SEE EQUIPMENT SCHEDULE

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	LAMPS	FIXTURE		MOUNTING	REMARKS
				TYPE	INPUT WATTS	VOLTS		
F1	2' X 4' TROFFER	WILLIAMS LIGHTING OR APPROVED EQUAL	AT1-24-L55-835-D-DRV-UNV	LED	59W	UNV	RECESSED	LAY-IN CEILING MOUNTING
F2	2' X 2' TROFFER	WILLIAMS LIGHTING OR APPROVED EQUAL	AT1-22-L20-835-D-DRV-UNV	LED	20W	UNV	RECESSED	LAY-IN CEILING MOUNTING
F3	2' X 4' TROFFER	WILLIAMS LIGHTING OR APPROVED EQUAL	AT1-24-L55-835-D-NEMA F-DRV-UNV	LED	59W	UNV	RECESSED	FACTORY INSTALLED FLANGE KIT
F4	2' X 2' TROFFER	WILLIAMS LIGHTING OR APPROVED EQUAL	AT1-22-L20-835-D-NEMA F-DRV-UNV	LED	20W	UNV	RECESSED	FACTORY INSTALLED FLANGE KIT
F5	2' LONG CONTEMPORARY CYLINDER VANITY LIGHT	LITHONIA LIGHTING OR APPROVED EQUAL	FMVCCL 24IN MVOLT BN	LED	34W	120V	SURFACE	MOUNTED OVER MIRROR
F6	6" LED SHOWER DOWN LIGHT	WILLIAMS LIGHTING OR APPROVED EQUAL	LSL60-L50C/835-FGL-DRV-120	LED	39W	120V	RECESSED	SHOWER LIGHT

GENERAL NOTES:
1. FOR EXACT LOCATIONS OF ALL LIGHTING FIXTURES REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS.
2. LAMP TYPE DESIGNATIONS FOLLOW NEMA DESIGNATION GUIDELINES. COORDINATE LAMP TYPES WITH LAMP NUMBERS FROM MANUFACTURERS APPOVED IN TH SPECIFICATION.
3. MANUFACTURERS' CATALOG NUMBERS ARE INTENTIONALLY INCOMPLETE. VERIFY AND COORDINATE REQUIRED TRIM KITS, MOUNTING.
4. PROVIDE ALL NECESSARY ACCESSORIES FOR FIXTURES AND SENSORS IN ORDER TO ENSURE A COMPLETE AND PROPER OPERATION.
5. PROVIDE FUSING FOR FIXTURES AS REQUIRE BY CODE.
6. LAMPS FOR ALL FIXTURES SHALL HAVE THE SAME COLOR TEMPERATURE PER SPECIFICATIONS.

ELECTRICAL ABBREVIATIONS

1PH	SINGLE–PHASE	EC	EMPTY CONDUIT	NEUT OR N	NEUTRAL
1P	SINGLE POLE	EG	EQUIPMENT GROUND	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
2/C	TWO–CONDUCTOR	EL	ELEVATION	NIC	NOT IN CONTRACT
3/C	THREE–CONDUCTOR	ELEC	ELECTRIC OR ELECTRICAL	NL	NIGHT LIGHT
3PH	THREE–PHASE	ELEV	ELEVATOR	NO	NORMALLY OPEN
4/C	FOUR–CONDUCTOR	EMCP	EMERGENCY MONITORING CONTROL PANEL	NS	NO SCALE
4W	FOUR–WIRE	EMER	EMERGENCY	NTS	NOT TO SCALE
		EMI	ELECTROMAGNETIC INTERFERENCE		
A/C UNIT	AIR CONDITIONING UNIT	EMT	ELECTRICAL METALLIC TUBING	OC	ON CENTER
A/E	ARCHITECT/ENGINEER	ENCL	ENCLOSURE	OD	OUTSIDE DIAMETER
AAP	ALARM ANNUNCIATOR PANEL	EPO	EMERGENCY POWER OFF	OL	OVERLOAD
AC	ALTERNATING CURRENT OR ARMORED CABLE	EPRF	EXPLOSION PROOF		
ACC	ACCESSIBLE	ESMT	EASEMENT	P	POLE
ADDL	ADDITIONAL	EWC	ELECTRIC WATER COOLER	PA	PUBLIC ADDRESS
ADJ	ADJACENT, ADJOINING	EWH	ELECTRIC WATER HEATER	PB	PANELBOARD, PULL BOX, OR PUSHBUTTON
ADO	AUTOMATIC DOOR OPENER	EXIST	EXISTING	PBPU	PREFABRICATED BEDSIDE PATIENT UNIT
AF	AMPERE FRAME OR AMP FUSE			PCB	POLYCHLORINATED BIPHENYL
AFC	ABOVE FINISHED COUNTER, AUTOMATIC FREQUENCY CONTROL, OR AVAILABLE FAULT CURRENT	FA	FIRE ALARM	PEC	PHOTOELECTRIC CELL
		FAAP	FIRE ALARM ANNUNCIATOR PANEL	PED	PEDESTAL
		FABL	FIRE ALARM BELL	PEND	PENDANT
AFF	ABOVE FINISHED FLOOR	FABX	FIRE ALARM BOX	PF	POWER FACTOR
AFG	ABOVE FINISHED GRADE	FACP	FIRE ALARM CONTROL PANEL	PH	PHASE
AH	AMPERE HOUR	FC	FOOTCANDLE	PNL	PANEL
AHJ	AUTHORITY HAVING JURISDICTION	FI	FILM ILLUMINATOR	POD	POWER OPERATED DAMPER
AIC	AMPERE INTERRUPTING CAPACITY	FIXT	FIXTURE	PT	POTENTIAL TRANSFORMER
ALT	ALTERNATE	FLA	FULL LOAD AMPS	PTRV	POWER TYPE ROOF VENTILATION
AMB OR A	AMBIENT	FLEX	FLEXIBLE METALLIC CONDUIT	PVC	POLYVINYL CHLORIDE (PLASTIC)
AMP	AMPERE	FLT	FLOODLIGHT	PWR	POWER
ARCH	ARCHITECT	FLUOR	FLUORESCENT		
ASC	AMPS SHORT CIRCUIT	FLUOR FIX	FLUORESCENT FIXTURE	RCP	REFLECTED CEILING PLAN
AT	AMPERE TRIP	FOUTT	TELEPHONE FLOOR OUTLET	REC	RECESSED
ATS	AUTOMATIC TRANSFER SWITCH	FP	FIRE PROTECTION	RECPT	RECEPTACLE
AUTO	AUTOMATIC	FT	FEET OR FOOT	RGS	RIGID GALVANIZED STEEL
AV	AUDIO VISUAL	FU SW	FUSED SWITCH	RM	ROOM
		FVNR	FULL VOLTAGE NON–REVERSING	RMS	ROOT MEAN SQUARE
BAT	BATTERY	FVR	FULL VOLTAGE REVERSING	REQD	REQUIRED
BC	BARE COPPER				
BD	BOARD	G OR GND	GROUND OR GENERATOR	SCC	SHORT CIRCUIT CAPACITY
BFF	BELOW FINISH FLOOR	GEN	GENERATOR	SES	SERVICE ENTRANCE SECTION
BIL	BASIC INSULATION LEVEL	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	SD	SMOKE DETECTOR
BLDG	BUILDING	GTB	GROUND TERMINAL BOX	SF	SQUARE FOOT (FEET)
BPIP	BOILER PLANT INSTRUMENTATION PANEL			SHT	SHEET
BRKR	BREAKER	HID	HIGH INTENSITY DISCHARGE	SI	INTERNATIONAL SYSTEM OF UNITS
BYP	BY PASS	HOA	HAND–OFF–AUTOMATIC	SPEC	SPECIFICATION
		HP	HORSEPOWER	SPST	SINGLE POLE, SINGLE THROW
C	CONDUIT	HT	HEIGHT	SURF	SURFACE
CAB	CABINET	HZ	HERTZ	SW	SWITCH
CALC	CALCULATE			SWBD	SWITCHBOARD
CAP	CAPACITY	IESNA	ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA	SWGR	SWITCHGEAR
CAT	CATALOG				
CATV	COMMUNITY ANTENNA TELEVISION	IMC	INTERMEDIATE METAL CONDUIT	TC	TIME CLOCK
CCR	CONTROL CONTACTOR	INCAND	INCANDESCENT	TEL	TELEPHONE
CCTV	CLOSED CIRCUIT TELEVISION	IR	INFRARED	TP	TWISTED PAIR
CB	CODE BLUE	IWH	INSTANTANEOUS WATER HEATER	TPS	TWISTED PAIR SHIELDED
cd	CANDELA			TTB	TELEPHONE TERMINAL BOARD
CD	CONSTRUCTION DOCUMENTS	J–BOX	JUNCTION BOX	TV	TELEVISION
CF	CONTRACTOR FURNISHED			TYP	TYPICAL
CF/CI	CONTRACTOR FURNISHED/CONTRACTOR INSTALLED	kV	KILOVOLT		
		kVA	KILOVOLT AMPERE	UFD	UNDERFLOOR DUCT
CF/OI	CONTRACTOR FURNISHED/OWNER INSTALLED	kVAH	KILOVOLT AMPERE PER HOUR	UGND	UNDERGROUND
CFE	CONTRACTOR FURNISHED EQUIPMENT	kVAR	KILOVOLT AMPERE REACTIVE	UL	UNDERWRITERS LABORATORY
CHW	CHILLED WATER	kW	KILOWATT	UON	UNLESS OTHERWISE NOTED
CHWP	CHILLED WATER PUMP	kWH	KILOWATT HOUR	UPS	UNINTERRUPTIBLE POWER SUPPLY
CKT	CIRCUIT	kWHM	KILOWATT HOUR METER	UTIL	UTILITY
CKT BRKR	CIRCUIT BREAKER				
CLF	CURRENT LIMITING FUSE	LED	LIGHT EMITTING DIODE	V	VOLT
CLG	CEILING	LF	LINEAR FEET (FOOT)	VA	VOLT AMPERE
CMU	CONCRETE MASONRY UNIT	LM	LUMEN	VAR	VOLT AMPERE REACTIVE
COAX	COAX CABLE	LP	LIGHT POLE	VFD	VARIABLE FREQUENCY DRIVE
COMM	COMMUNICATION	LPS	LOW PRESSURE SODIUM	VOLT	VOLTAGE
COMPT	COMPARTMENT	LRA	LOCKED ROTOR AMPS		
CONC	CONCRETE	LTCP	LOCAL TEMPERATURE CONTROL PANEL	W	WATT
CONT	CONTINUE	LT	LIGHT	WH	WATER HEATER
CONTR	CONTRACTOR	LTG	LIGHTING	WP	WEATHERPROOF
COORD	COORDINATE	LTG PNL	LIGHTING PANEL		
CPT	CONTROL POWER TRANSFORMER	LTNG	LIGHTNING	XFER	TRANSFER
CRI	COLOR RENDERING INDEX	LV	LOW VOLTAGE	XFMR	TRANSFORMER
CT	CURRENT TRANSFORMER				
CTV	CABLE TELEVISION	MATV	MASTER ANTENNA TELEVISION SYSTEM		
CU	COPPER	MAX	MAXIMUM		
CU FT	CUBIC FEET	MC	METAL–CLAD		
CUR	CURRENT	MCA	MINIMUM CIRCUIT AMPS		
		MCB	MAIN CIRCUIT BREAKER		
DB	DECIBEL OR DIRECT BURIAL	MCC	MOTOR CONTROL CENTER		
DC	DIRECT CURRENT	MDP	MAIN DISTRIBUTION PANEL		
DCP	DIMMER CONTROL PANEL	MECH	MECHANICAL		
DEG C	DEGREES CELSIUS	MG	MOTOR GENERATOR		
DEG F	DEGREES FAHRENHEIT	MH	MANHOLE		
DEMO	DEMOLITION	MIN	MINIMUM		
DIAG	DIAGRAM	MOCP	MAXIMUM OVERCURRENT PROTECTION		
DISC	DISCONNECT	MLO	MAIN LUGS ONLY		
DISTR	DISTRIBUTION	MT	MOUNT		
DISTR PNL	DISTRIBUTION PANEL	MTD	MOUNTED		
DMR SW	DIMMER SWITCH	MTG	MOUNTING		
DN	DOWN	MTS	MANUAL TRANSFER SWITCH		
DPDT	DOUBLE POLE, DOUBLE THROW	MV	MEDIUM VOLTAGE		
DPST	DOUBLE POLE, SINGLE THROW	MVA	MEGAVOLT–AMPERE		
DRSW	DOOR SWITCH	MW	MEGAWATT MICROWAVE		
DS	DISCONNECT SWITCH				
DWG	DRAWING	NA	NOT APPLICABLE		
		NEC	NATIONAL ELECTRICAL CODE		
		NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION		

GENERAL NOTES

1. THIS IS A STANDARD LEGEND SHEET. SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS SHEET AND NOT ON THE PLANS.

Revisions:	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

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Bancroft-AE Project No. 17-113

Drawing Title: ELECTRICAL – SYMBOLS, ABBREVIATIONS AND TABLES

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: WG | Drawn: CS

Project Number: 561-14-106

Building Number:

Drawing Number: E002

VA CONTRACT NO. 36C242-18-C-0004

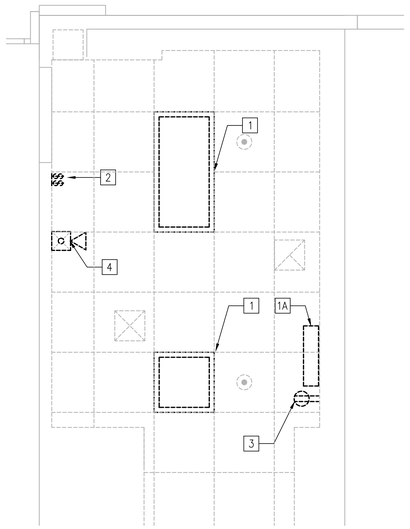
Office of Construction and Facilities Management

VA Department of Veterans Affairs

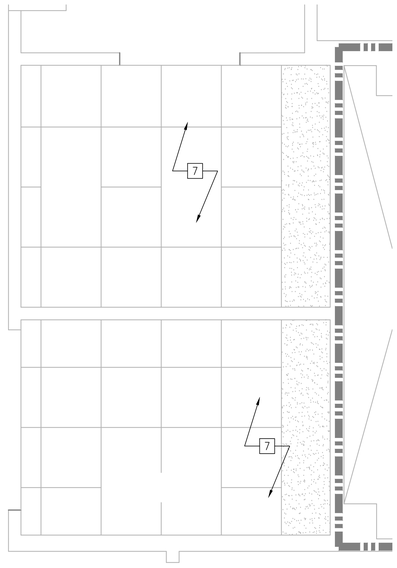
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100% CONSTRUCTION DOCUMENTS FOR BID

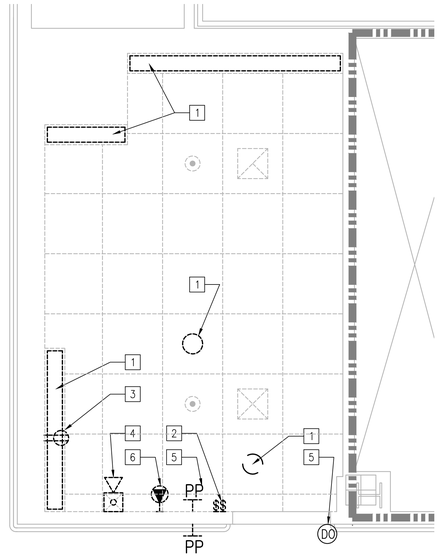
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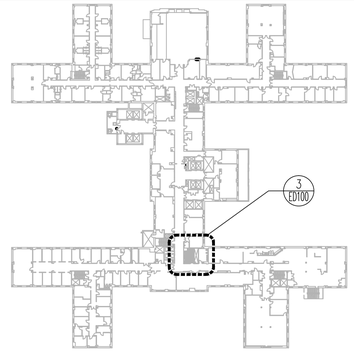
BUILDING 1 - FLOOR 'A'
MEN'S TOILET ROOM A-213
DEMOLITION ELECTRICAL PLAN
1/2"=1'-0"



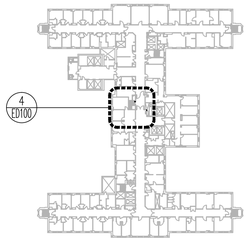
BUILDING 1 - 2ND FLOOR
MEN'S TOILET ROOM 2-213
DEMOLITION ELECTRICAL PLAN
1/2"=1'-0"



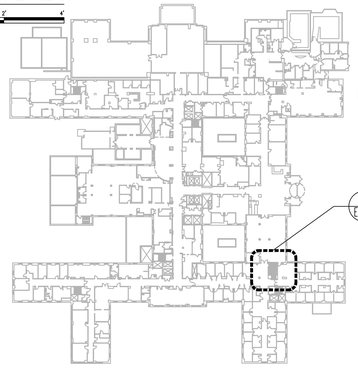
BUILDING 1 - 3rd FLOOR
MEN'S TOILET ROOM 3-183
DEMOLITION ELECTRICAL PLAN
1/2"=1'-0"



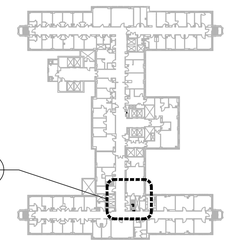
BUILDING 1- 3rd FLOOR
KEY PLAN
NTS



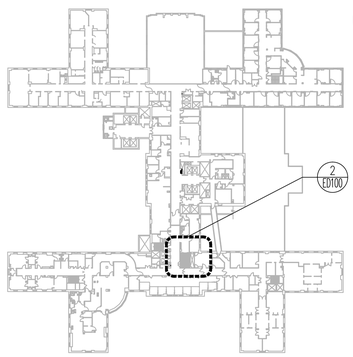
BUILDING 1 -8th FLOOR
KEY PLAN
NTS



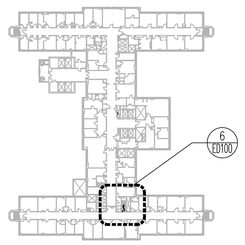
BUILDING 1- FLOOR 'A'
KEY PLAN
NTS



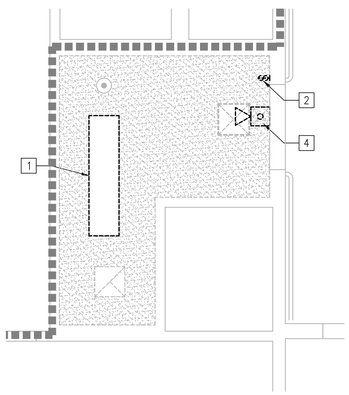
BUILDING 1 -10th FLOOR
KEY PLAN
NTS



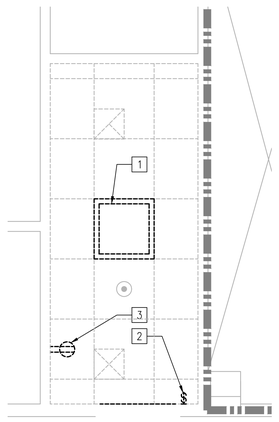
BUILDING 1- 2ND FLOOR
KEY PLAN
NTS



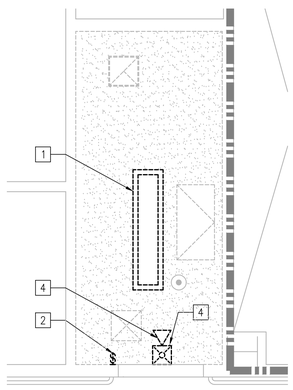
BUILDING 1- 11th FLOOR
KEY PLAN
NTS



BUILDING 1 - 8th FLOOR
UNISEX TOILET ROOM 8-134
DEMOLITION ELECTRICAL PLAN
1/2"=1'-0"



BUILDING 1 - 10th FLOOR
UNISEX TOILET ROOM 10-183
DEMOLITION ELECTRICAL PLAN
1/2"=1'-0"



BUILDING 1 - 11th FLOOR
MEN'S TOILET ROOM 11-169
DEMOLITION ELECTRICAL PLAN
1/2"=1'-0"

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL ELECTRICAL DEMOLITION NOTES

A. REFER TO DRAWING G1002 AND G1003 FOR GENERAL CONTRUCTION PHASING NOTES, FIRE AND SAFETY NOTES, GENERAL INFECTION CONTROL NOTES AND GENERAL DEMOLITION NOTES.
B. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL NOTES REGARDING SPECIFIED DEMOLITION WORK.
C. REFER TO DEMOLITION GENERAL NOTES ON SHEET E001 FOR ADDITIONAL INFORMATION.
D. CONTACT VA TO TAKE LOCAL FIRE ALARM ZONE OUT OF SERVICE PRIOR TO DISCONNECTING ANY FIRE ALARM DEVICES.
E. FOLLOW VA PROTOCOLS WHEN FIRE ALARM SYSTEM IS OUT OF SERVICE.
F. FOLLOW VA LOCK-OUT, TAG-OUT PROCEDURES TO SAFELY PERFORM ELECTRICAL WORK.

X ELECTRICAL DEMOLITION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. EXISTING LIGHTING FIXTURE TO BE DISCONNECTED AND REMOVED. PULL BACK CONDUIT AND WIRING TO NEAREST ACCESSIBLE JUNCTION/PULL BOX FOR EXTENSION TO NEW LIGHTING FIXTURES IN THIS AREA.
1A. EXISTING WALL MOUNTED LIGHT FIXTURE TO BE DISCONNECTED AND REMOVED. PULL BACK CONDUIT AND WIRING TO NEAREST ACCESSIBLE JUNCTION/PULL BOX FOR EXTENSION TO NEW LIGHTING FIXTURES IN THIS AREA.
2. EXISTING LIGHT SWITCH(ES) TO BE DISCONNECTED AND REMOVED. PULL BACK CONDUIT AND WIRING TO NEAREST ACCESSIBLE JUNCTION/PULL BOX FOR EXTENSION TO NEW LIGHT SWITCH(ES) IN THIS AREA.
3. EXISTING RECEPTACLE TO BE DISCONNECTED AND REMOVED. PULL BACK CONDUIT AND WIRING TO NEAREST ACCESSIBLE JUNCTION/PULL BOX FOR EXTENSION TO NEW RECEPTACLE(S) IN THIS AREA.
3A. EXISTING CEILING RECEPTACLE TO BE DISCONNECTED AND REMOVED. PULL BACK CONDUIT AND WIRING TO NEAREST ACCESSIBLE JUNCTION/PULL BOX FOR EXTENSION TO NEW RECEPTACLE(S) IN THIS AREA.
4. EXISTING FIRE ALARM VISUAL SIGNALING DEVICE TO BE DISCONNECTED AND REMOVED. PULL BACK CONDUIT AND WIRING TO NEAREST ACCESSIBLE JUNCTION/PULL BOX FOR EXTENSION TO NEW FIRE ALARM SIGNALING DEVICE. ENSURE THAT CONTINUITY OF EXISTING FIRE ALARM SYSTEM IS MAINTAINED. CONTRACTOR TO MARK LOCATION OF FIRE ALARM BEING REMOVED TO LATER INSTALL NEW FIRE ALARM IN SAME LOCATION.
5. DISCONNECT AND REMOVE EXISTING FEED TO POWERED DOOR OPERATOR AND ASSOCIATED PUSH PLATE ACTIVATION DEVICES. PULL BACK CONDUIT AND WIRING TO NEAREST ACCESSIBLE JUNTION/PULL BOX, ABANDON IN PLACE AND MARK CIRCUIT BREAKER SPARE.
6. DISCONNECT AND REMOVE EXISTING ELECTRIC HAND DRYER. PULL BACK CONDUIT AND WIRING TO NEAREST ACCESSIBLE JUNTION/PULL BOX, ABANDON IN PLACE AND MARK CIRCUIT BREAKER SPARE.
7. EXISTING CEILING TILE, FIXTURES, GRILLES TO BE REMAIN. SHOULD REMOVAL OF CEILING TILE AND GRID BE REQUIRED DUE TO NEW CONSTRUCTION, LIGHT FIXTURES, GRILLES, DEVICES ETC. SHALL BE REMOVED, STORED AND REINSTALLED.
8. DISCONNECT AND REMOVE WINDOW MOUNTED FAN. PULL BACK CONDUIT AND WIRING TO NEAREST ACCESSIBLE JUNCTION/PULL BOX, ABANDON IN PLACE AND MARK CIRCUIT BREAKER SPARE.

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd. Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title
ELECTRICAL -
BUILDING 1- FLOORS 'A', 3, 8, 10, 11
ELECTRICAL DEMOLITION PLANS

Approved: Project Director

Project Title
100% CD FOR BID
UPGRADE BATHROOMS /
DRINKING FOUNTAINS

Location
EAST ORANGE, NJ

Date: 01/13/20 | Checked: WG | Drawn: II/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: ED100

Office of Construction and Facilities Management

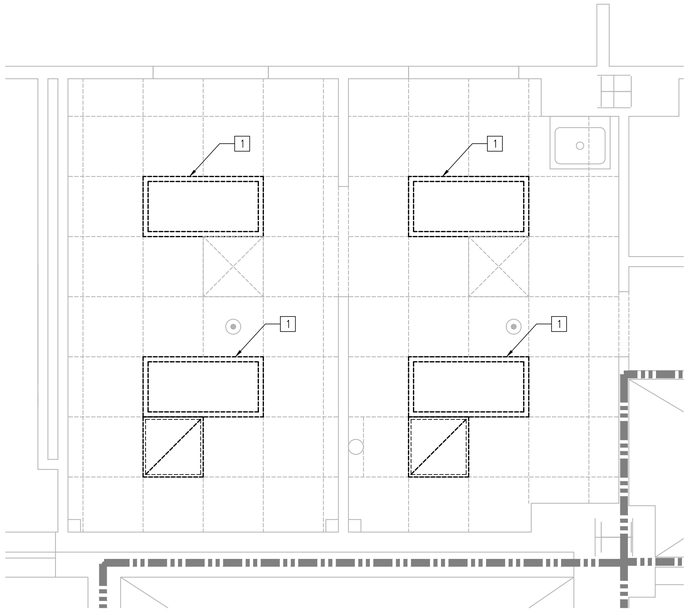
VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

VA FORM 08-6231

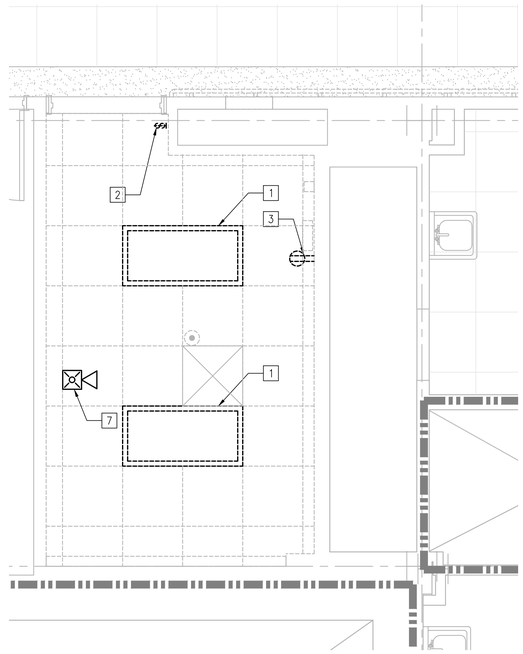
100% CONSTRUCTION DOCUMENTS FOR BID

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
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BUILDING 1 - 12th FLOOR
OFFICES 12-207/12-208
DEMOLITION ELECTRICAL PLAN

N 1 1/2"=1'-0"



BUILDING 1 - 13th FLOOR
STORAGE ROOM 13-208
DEMOLITION ELECTRICAL PLAN

N 2 1/2"=1'-0"

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

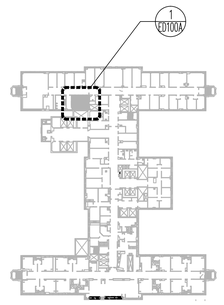
GENERAL ELECTRICAL DEMOLITION NOTES

A. REFER TO DRAWING G1002 AND G1003 FOR GENERAL CONTRUCTION PHASING NOTES, FIRE AND SAFETY NOTES, GENERAL INFECTION CONTROL NOTES AND GENERAL DEMOLITION NOTES.
B. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL NOTES REGARDING SPECIFIED DEMOLITION WORK.
C. REFER TO DEMOLITION GENERAL NOTES ON SHEET E001 FOR ADDITIONAL INFORMATION.
D. CONTACT VA TO TAKE LOCAL FIRE ALARM ZONE OUT OF SERVICE PRIOR TO DISCONNECTING ANY FIRE ALARM DEVICES.
E. FOLLOW VA PROTOCOLS WHEN FIRE ALARM SYSTEM IS OUT OF SERVICE.
F. FOLLOW VA LOCK-OUT, TAG-OUT PROCEDURES TO SAFELY PERFORM ELECTRICAL WORK.

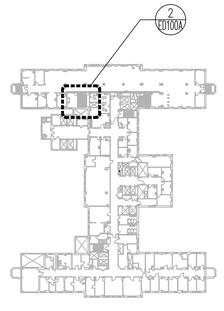
[X] ELECTRICAL DEMOLITION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

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BUILDING 1- 12th FLOOR
KEY PLAN
NTS



BUILDING 1- 13th FLOOR
KEY PLAN
NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
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KEY PLANS

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T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ELECTRICAL - BUILDING 1- FLOORS 12, 13 DEMOLITION ELECTRICAL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: WG | Drawn: II/JC

Project Number: 561-14-106

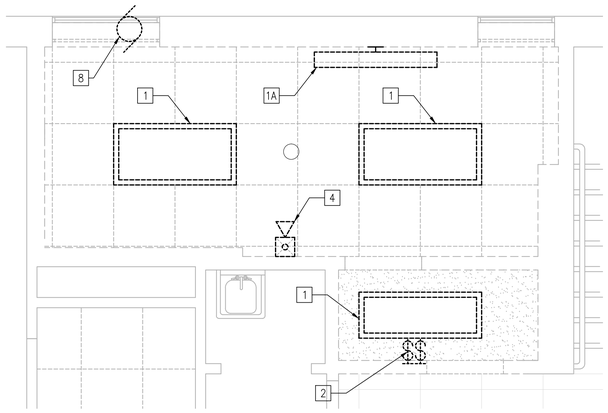
Building Number: 1

Drawing Number: ED100A

Office of Construction and Facilities Management

VA Department of Veterans Affairs

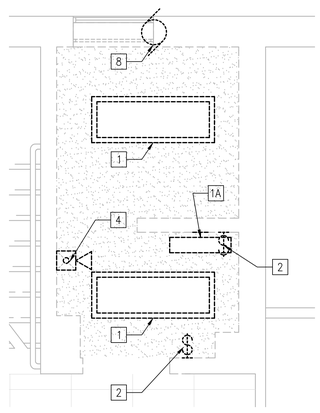
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K:\CCG_PROJECTS\2017\17-113_36C242180004_Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561414106-ED100_BLDG 1 ELEC DEMO.dwg 1-13-20 07:14:17 AM Johnson
VA FORM 08-6231



N 1

BUILDING 5 - 1st FLOOR
WOMEN'S TOILET ROOM 5-1-106
DEMOLITION ELECTRICAL PLAN

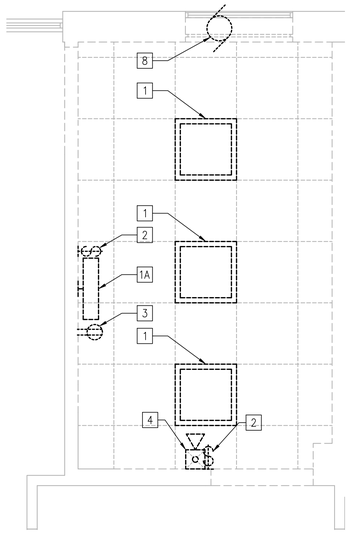
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N 2

BUILDING 5 - 1st FLOOR
MEN'S TOILET ROOM 5-1-105
DEMOLITION ELECTRICAL PLAN

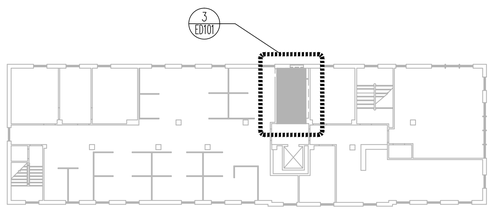
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N 3

BUILDING 5 - 2nd FLOOR
UNISEX TOILET ROOM 5-2-105
DEMOLITION ELECTRICAL PLAN

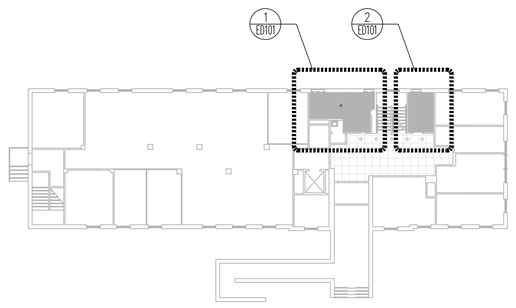
1/2"=1'-0"



N

BUILDING 5 - 2nd FLOOR
KEY PLAN

NTS



N

BUILDING 5 - 1ST FLOOR
KEY PLAN

NTS

FIRE BARRIER LEGEND

- 1 HR. FIRE AND SMOKE BARRIER
- 2 HR. FIRE AND SMOKE BARRIER
- SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL ELECTRICAL DEMOLITION NOTES

A. REFER TO DRAWING GI002 AND GI003 FOR GENERAL CONTRUCTION PHASING NOTES, FIRE AND SAFETY NOTES, GENERAL INFECTION CONTROL NOTES AND GENERAL DEMOLITION NOTES.
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6. DISCONNECT AND REMOVE EXISTING ELECTRIC HAND DRYER. PULL BACK CONDUIT AND WIRING TO NEAREST ACCESSIBLE JUNTION/PULL BOX, ABANDON IN PLACE AND MARK CIRCUIT BREAKER SPARE.
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VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
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KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
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700 Nicholas Blvd. Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ELECTRICAL - BUILDING 5- FLOORS 1, 2 DEMOLITION ELECTRICAL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: WG | Drawn: ll/JC

Project Number: 561-14-106

Building Number: 5

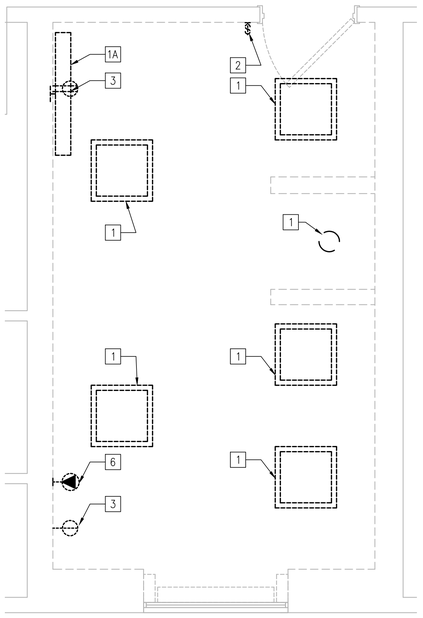
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Office of Construction and Facilities Management

VA Department of Veterans Affairs

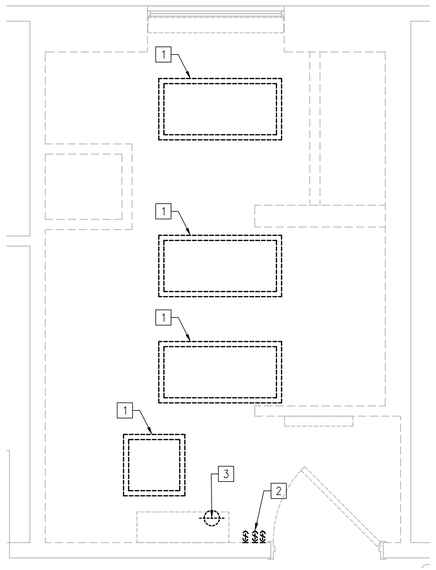
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VA FORM 08-6231
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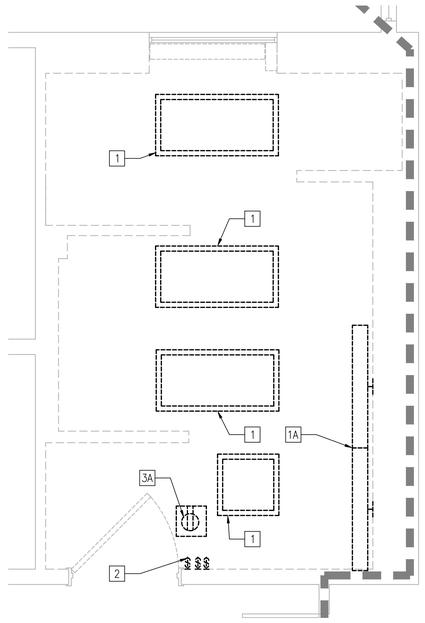
BUILDING 18 - 1st FLOOR MEN'S TOILET ROOM 18-118 DEMOLITION ELECTRICAL PLAN

N 1 1/2"=1'-0"



BUILDING 18 - 1st FLOOR MEN'S TOILET ROOM 18-144 DEMOLITION ELECTRICAL PLAN

N 2 1/2"=1'-0"



BUILDING 18 - 1st FLOOR WOMEN'S TOILET ROOM 18-157 DEMOLITION ELECTRICAL PLAN

N 3 1/2"=1'-0"

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

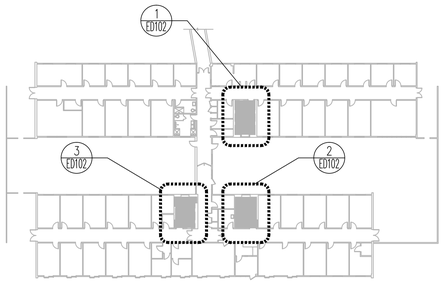
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N KEY PLAN - BUILDING 18- 1ST FLOOR NTS

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
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ARCHITECT + ENGINEERS:

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www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ELECTRICAL - BUILDING 18 - FLOOR 1 ELECTRICAL DEMOLITION PLANS

Approved: Project Director

VA CONTRACT NO. 36C242-18-C-0004

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: WG | Drawn: JJ/JC

Project Number: 561-14-106

Building Number: 18

Drawing Number: ED102

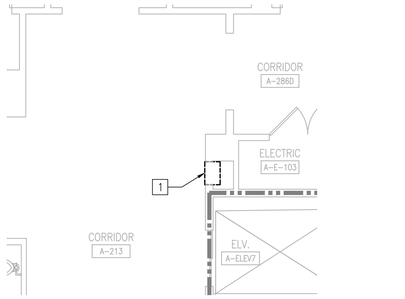
Office of Construction and Facilities Management

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VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

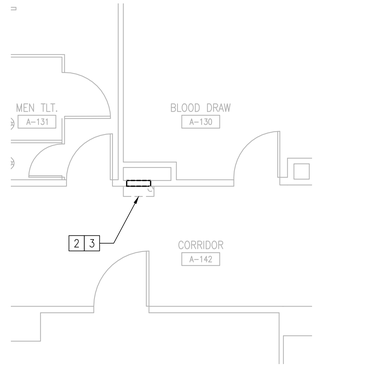
VA CCSC_PROJECTS\2017\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561144106-ED102_BLDG 18 ELEC DEMO.dwg 1-13-20 07:12:57 AM Johnson



TYPICAL FOR FLOORS:
'A', 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

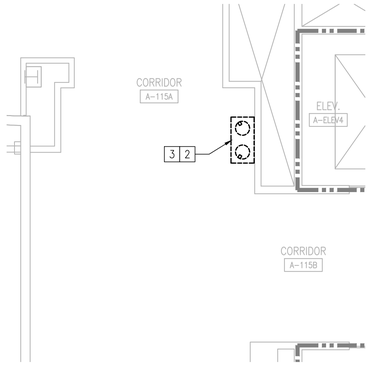
BUILDING 1
NORTH WING- TYP.
DEMOLITION ELECTRICAL PLAN

1 — 1/4"=1'-0"



BUILDING 1
FLOOR 'A'- BLOOD DRAW
DEMOLITION ELECTRICAL PLAN

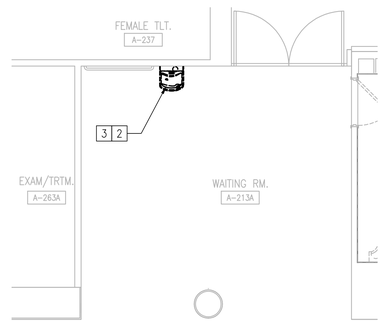
4 — 1/4"=1'-0"



TYPICAL FOR FLOORS:
'A', 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13

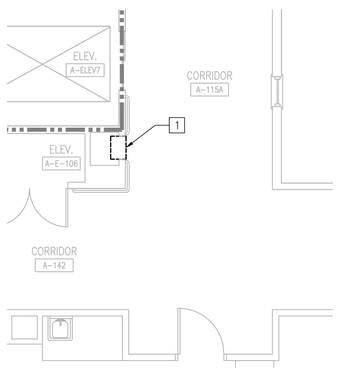
BUILDING 1
CORE WING- TYP.
DEMOLITION ELECTRICAL PLAN

2 — 1/4"=1'-0"



BUILDING 1
FLOOR 'A'- WAITING A-213A
DEMOLITION ELECTRICAL PLAN

5 — 1/4"=1'-0"



TYPICAL FOR FLOORS:
'A', 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13

BUILDING 1
SOUTH WING- TYP.
DEMOLITION ELECTRICAL PLAN

3 — 1/4"=1'-0"

FIRE BARRIER LEGEND

- 1 HR. FIRE AND SMOKE BARRIER
- 2 HR. FIRE AND SMOKE BARRIER
- SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

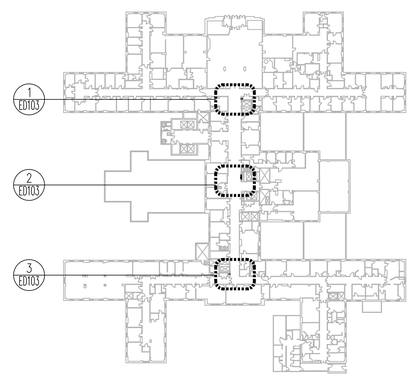
GENERAL ELECTRICAL DEMOLITION NOTES

A. REFER TO DRAWING G002 FOR GENERAL CONSTRUCTION PHASING NOTES, FIRE AND SAFETY NOTES, AND GENERAL INFECTION CONTROL NOTES.
B. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL NOTES REGARDING SPECIFIED DEMOLITION WORK.
C. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL NOTES REGARDING SPECIFIED NEW WORK.
D. REFER TO PLUMBING DRAWING P201 FOR ELECTRIC WATER COOLER SCHEDULE.

[X] ELECTRIC WATER COOLER DEMOLITION KEY NOTES

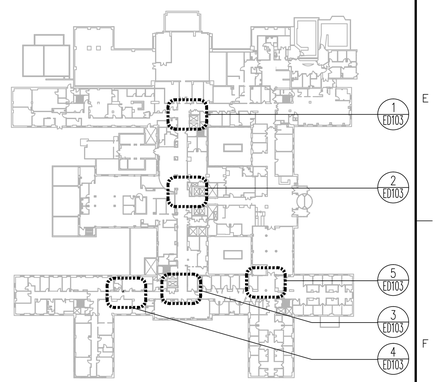
NOT ALL NOTES APPLY TO EVERY DRAWING.

1. DISCONNECT AND REMOVE EXISTING FEED TO ELECTRIC WATER COOLER TO BE REMOVED. PULL BACK CONDUIT AND WIRING TO NEAREST ACCESSIBLE JUNCTION/PULL BOX. MAKE WIRING ELECTRICALLY SAFE INSIDE PULL BOX. MARK BREAKER AS SPARE.
2. DISCONNECT EXISTING FEED TO ELECTRIC WATER COOLER TO BE REPLACED. USE VA LOCK-OUT TAG OUT PROCEDURE.
3. VERIFY THAT CIRCUIT IS A DEDICATED 20A CIRCUIT WITH A GFCI AT THE WATER COOLER END.



BUILDING 1- 1ST THRU 13 TYP.
KEY PLAN

NTS



BUILDING 1- FLOOR 'A'
KEY PLAN

NTS

VA CONTRACT NO. 36C242-18-C-0004

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ELECTRICAL - BUILDING 1- FLOORS 'A' THRU 13 EWC DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: WG | Drawn: JVJ

Project Number: 561-14-106

Building Number: 1

Drawing Number: ED103

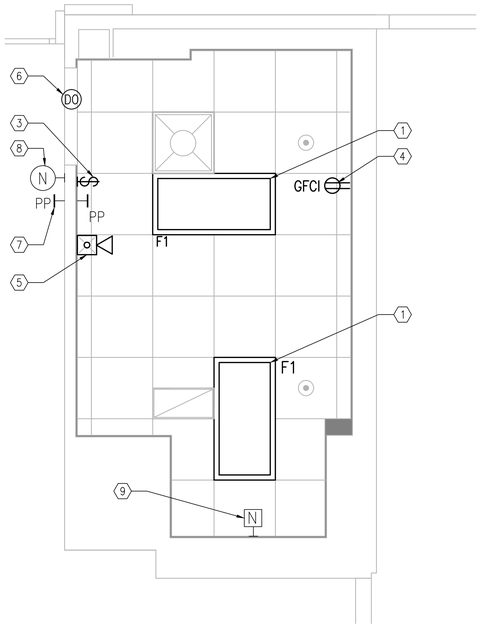
Office of Construction and Facilities Management

VA Department of Veterans Affairs

100% CONSTRUCTION DOCUMENTS FOR BID

K:\CCC-PROJECTS\2017\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561-14-106-ED103_BLDG 1_EWC DEMO.dwg 1-13-20 07:15:33 AM JJohnson

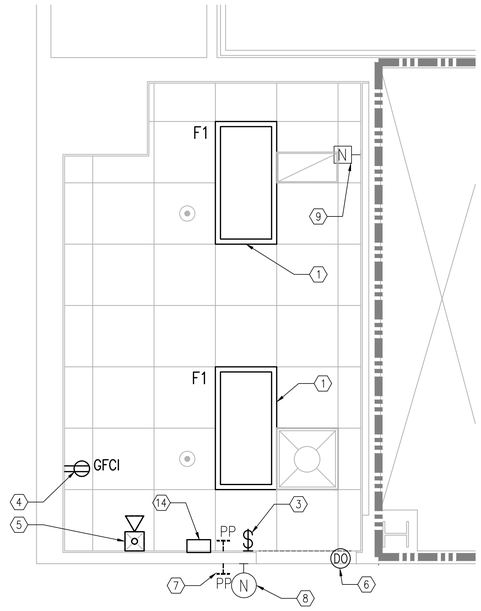
VA FORM 08-6231



BUILDING 1 - FLOOR A
MEN'S H.C. TOILET ROOM A-213
ELECTRICAL PLAN

N 1

1/2"=1'-0"



BUILDING 1 - 3rd FLOOR
MEN'S H.C. TOILET ROOM 3-183
ELECTRICAL PLAN

N 2

1/2"=1'-0"

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

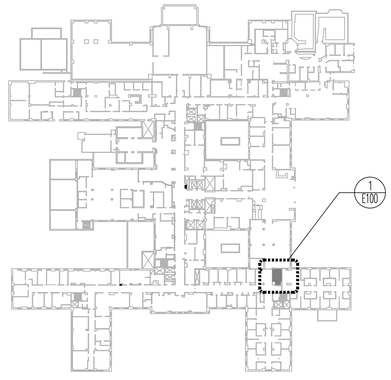
GENERAL ELECTRICAL NOTES

A. REFER TO DRAWING GI002 FOR GENERAL CONSTRUCTION AND FIRE AND SAFETY NOTES.
B. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL NOTES REGARDING SPECIFIED DEMOLITION WORK.
C. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL NOTES REGARDING SPECIFIED NEW WORK.
D. REFER TO MECHANICAL SHEET M-601 FOR FAN AND UNIT HEATER SCHEDULE.
E. REFER TO ELECTRICAL SHEET E-002 FOR LIGHTING FIXTURE SCHEDULE.
F. WHEN WIRING FIRE ALARMS, COORDINATE WORK WITH CERTIFIED FIRE PROTECTION CONTRACTOR.
G. WHEN WIRING NURSE CALL SYSTEM COORDINATE WITH VA TO DE-ENERGIZE AND ENERGIZE SYSTEM.
H. RUN FIRE ALARM WIRING TO FIRE ALARM PANEL, AND LEAVE COILED. CERTIFIED FIRE PROTECTION CONTRACTOR WILL TERMINATE TO FIRE PANEL.
I. IF NEW TERMINATION POINTS ARE REQUIRED IN FIRE ALARM PANEL, THEY SHALL BE INSTALLED BY A CERTIFIED FIRE PROTECTION CONTRACTOR.

(X) ELECTRICAL PLAN KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

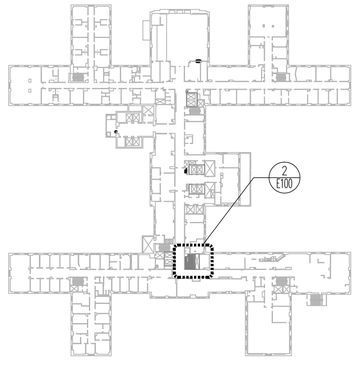
1. NEW RECESSED LED LIGHTING FIXTURE. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET LIGHTING CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
2. N/A.
3. NEW LIGHT SWITCH FOR CONTROL OF ALL LIGHT FIXTURES IN THIS AREA. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET LIGHTING CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
4. NEW GROUND FAULT INTERRUPTER TYPE DUPLEX RECEPTACLE. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET RECEPTACLE CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
5. NEW RECESSED FIRE ALARM VISUAL SIGNALING DEVICE. CONNECT TO EXISTING FIRE ALARM SYSTEM. EXTEND CONDUIT AND WIRING AS REQUIRED. ENSURE THAT CONTINUITY OF EXISTING FIRE ALARM SYSTEM IS MAINTAINED.
6. NEW AUTOMATIC DOOR OPERATOR. THE ELECTRICAL CONTRACTOR SHALL PROVIDE NEW 120-VOLT, 20A. 1P. CIRCUIT TO THIS LOCATION FROM NEAREST 120/208 VOLT PANEL OF ADEQUATE CAPACITY. CONNECT TO SPARE CIRCUIT BREAKER IN EXISTING PANEL. IF NO SPARE CIRCUIT BREAKERS ARE AVAILABLE, PROVIDE NEW CIRCUIT BREAKER (MATCH EXISTING) IN EXISTING SPACE. INSTALL AND WIRE PUSH PLATES FURNISHED WITH UNIT (SEE KEY NOTE #6).
7. NEW DOOR OPERATOR PUSH PLATE ACTIVATOR. INSTALL AND WIRE PER MANUFACTURER'S SPECIFICATIONS.
8. NEW LOCAL NURSE CALL DOME LIGHT. CONNECT TO UNSWITCHED TOILET LIGHTING CIRCUIT AND WIRE PER MANUFACTURER'S SPECIFICATIONS.
9. LOCAL NURSE CALL PULL CORD ACTIVATOR. INSTALL AND WIRE PER MANUFACTURER'S SPECIFICATIONS.
10. NEW EXHAUST FAN MOUNTED ON ROOF. ELECTRICAL CONTRACTORS SHALL CONNECT TO UNSWITCHED LIGHTING CIRCUIT. IN ELECTRICAL ROOM FOLLOW DETAIL NO. 11 ON MECHANICAL DRAWING M402 TO TERMINATE WIRING TO DISCONNECT ON FAN EF-1 ASSEMBLY. ROUTE 3W, #12, 20A CIRCUIT FROM 120/208V PANEL IN ELECTRICAL ROOM, THROUGH CORRIDOOR 5-2-100, THROUGH ELEVATOR LOBBY 5-2-105B INTO CEILING OF TOILET ROOMS 5-2-105.
11. REINSTALL AND RECONNECT STORED LIGHT FIXTURE. TO BE INSTALLED IN SAME LOCATION PRIOR TO REMOVAL.
12. NEW 1800 WATT RECESSED ELECTRIC HEATER FURNISHED WITH INTEGRAL DISCONNECT SWITCH AND CONTROLS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE NEW 120-VOLT, 20A. 1P. CIRCUIT TO THIS LOCATION FROM IRM CLOSET 5-B-103A 208/120V PANEL OF ADEQUATE CAPACITY. CONNECT TO SPARE CIRCUIT BREAKER IN EXISTING PANEL. IF NO SPARE CIRCUIT BREAKERS ARE AVAILABLE, PROVIDE NEW CIRCUIT BREAKER (MATCH EXISTING) IN EXISTING SPACE. UTILIZE DETAILS ON DRAWING E501.
13. NEW CEILING MOUNTED EXHAUST FAN. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET LIGHTING CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
14. CONTRACTOR TO PROVIDE DEDICATED 20A 3-WIRE CIRCUIT FOR HAND DRYER.
15. RUN CIRCUIT TO ELECTRICAL CLOSET 5-B-103A, 208/120V NORMAL POWER.



BUILDING 1- FLOOR 'A'
KEY PLAN

N

NTS



BUILDING 1- 3RD FLOOR
KEY PLAN

N

NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com
700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ELECTRICAL - BUILDING 1- FLOORS 'A', 3 ELECTRICAL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: WG | Drawn: SR

Project Number: 561-14-106

Building Number: 1

Drawing Number: E100

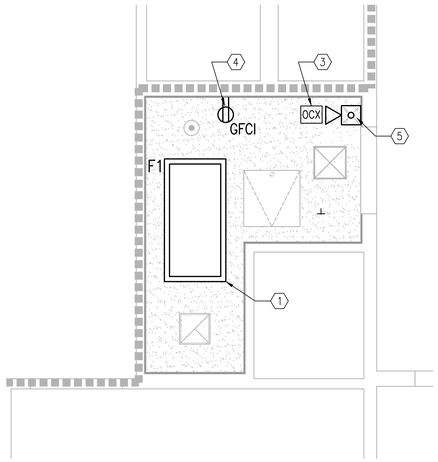
Office of Construction and Facilities Management

VA Department of Veterans Affairs

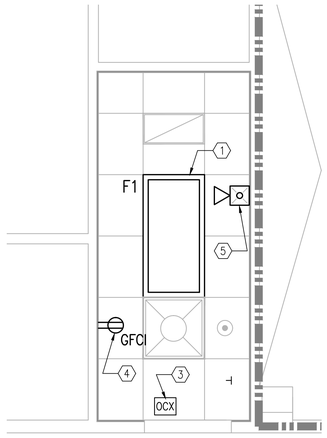
VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

three quarters inch = one foot 0 6" 1' 2' | one inch = one foot 0 6" 1' 2' | one and one half inches = one foot 0 6" 1' 2' | one half inch = one foot 0 4" 8" 1' | three eighths inch = one foot 0 4" 8" 1' 4" | one quarter inch = one foot 0 4" 8" 1' 4" | one eighth inch = one foot 0 4" 8" 16"
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BUILDING 1 - 8th FLOOR
UNISEX TOILET ROOM 8-134
ELECTRICAL PLAN
1/2"=1'-0"



BUILDING 1 - 10th FLOOR
UNISEX TOILET ROOM 10-183
ELECTRICAL PLAN
1/2"=1'-0"

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

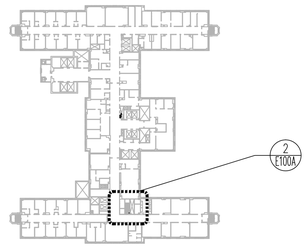
GENERAL ELECTRICAL NOTES

A. REFER TO DRAWING G1002 FOR GENERAL CONSTRUCTION AND FIRE AND SAFETY NOTES.
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I. IF NEW TERMINATION POINTS ARE REQUIRED IN FIRE ALARM PANEL, THEY SHALL BE INSTALLED BY A CERTIFIED FIRE PROTECTION CONTRACTOR.

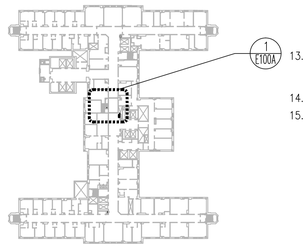
⟨X⟩ ELECTRICAL PLAN KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. NEW RECESSED LED LIGHTING FIXTURE. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET LIGHTING CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
2. N/A.
3. NEW LIGHT SWITCH FOR CONTROL OF ALL LIGHT FIXTURES IN THIS AREA. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET LIGHTING CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
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13. NEW CEILING MOUNTED EXHAUST FAN. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET LIGHTING CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
14. CONTRACTOR TO PROVIDE DEDICATED 20A 3-WIRE CIRCUIT FOR HAND DRYER.
15. RUN CIRCUIT TO ELECTRICAL CLOSET 5-B-103A, 208/120V NORMAL POWER.



BUILDING 1- 10TH FLOOR
KEY PLAN
NTS



BUILDING 1- 8TH FLOOR
KEY PLAN
NTS

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
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25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd. Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

VA CONTRACT NO. 36C242-18-C-0004

Drawing Title: ELECTRICAL - BUILDING 1- FLOORS 8, 10 ELECTRICAL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: WG | Drawn: II/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: E100A

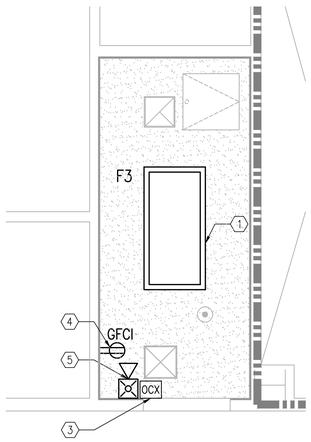
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

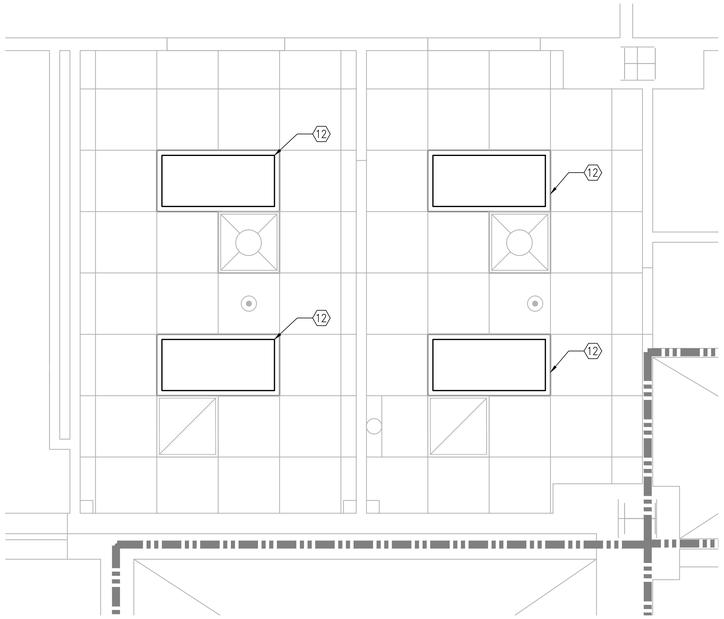
100% CONSTRUCTION DOCUMENTS FOR BID

three quarters inch = one foot
one eighth inch = one foot
one quarter inch = one foot
three eighths inch = one foot
one half inch = one foot
one inch = one foot
one and one half inches = one foot
three inches = one foot
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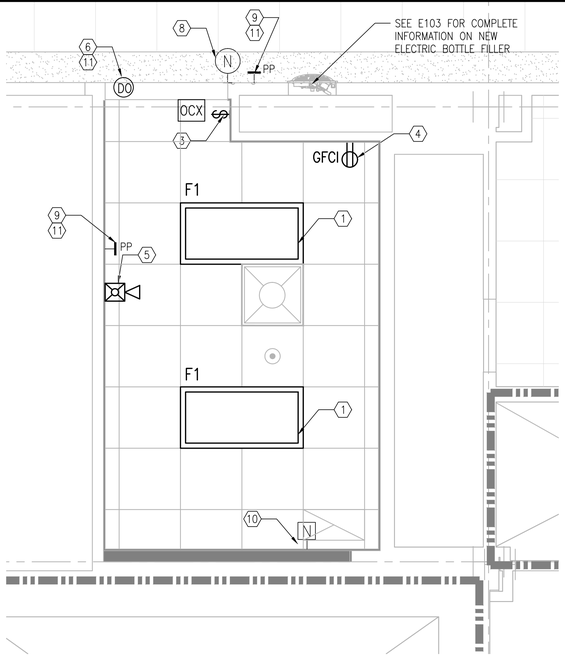
BUILDING 1 - 11th FLOOR
UNISEX TOILET ROOM 11-169
ELECTRICAL PLAN

N 1 1/2"=1'-0"



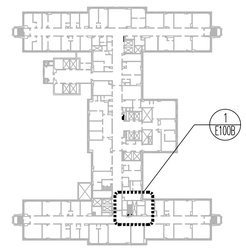
BUILDING 1 - 12th FLOOR
OFFICES 12-207/ 12-208
ELECTRICAL PLAN

N 2 1/2"=1'-0"



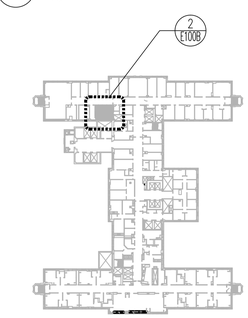
BUILDING 1 - 13th FLOOR
WOMEN'S H.C. TOILET ROOM 13-208
ELECTRICAL PLAN

N 3 1/2"=1'-0"



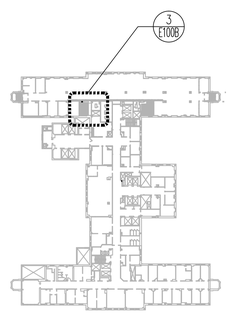
BUILDING 1- 11TH FLOOR
KEY PLAN

N 4 NTS



BUILDING 1- 12TH FLOOR
KEY PLAN

N 5 NTS



BUILDING 1- 13TH FLOOR
KEY PLAN

N 6 NTS

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

ELECTRICAL GENERAL NOTES

A. REFER TO DRAWING G1001 FOR GENERAL CONSTRUCTION NOTES AND FIRE AND SAFETY NOTES.

B. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR NOTES REGARDING SPECIFIED DEMOLITION WORK.

C. REFER TO ARCHITECTURAL DRAWINGS FOR NOTES REGARDING SPECIFIED NEW WORK.

D. REFER TO MECHANICAL SHEET M-601 FOR FAN AND UNIT HEATER SCHEDULES.

E. REFER TO ELECTRICAL SHEET E-002 FOR LIGHTING FIXTURE SCHEDULE.

(X) ELECTRICAL KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING

1. NEW RECESSED LED LIGHTING FIXTURE. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET LIGHTING CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
2. NEW LED LIGHTING FIXTURE MOUNTED OVER MIRROR. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET LIGHTING CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
3. NEW LIGHT SWITCH FOR CONTROL OF ALL LIGHT FIXTURES IN THIS AREA. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET LIGHTING CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED. INSTALL LIGHT SWITCH WITH OCCUPANCY SENSOR IN SINGLE STALL ROOMS.
4. NEW GROUND FAULT INTERRUPTER TYPE DUPLEX RECEPTACLE. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET RECEPTACLE CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
5. NEW FIRE ALARM VISUAL SIGNALING DEVICE. CONNECT TO EXISTING FIRE ALARM SYSTEM. EXTEND CONDUIT AND WIRING AS REQUIRED. ENSURE THAT CONTINUITY OF EXISTING FIRE ALARM SYSTEM IS MAINTAINED.
6. N/A.
7. NEW AUTOMATIC DOOR OPERATOR. THE ELECTRICAL CONTRACTOR SHALL PROVIDE NEW 120-VOLT, 20A. 1P. CIRCUIT TO THIS LOCATION FROM NEAREST 120/208 VOLT PANEL OF ADEQUATE CAPACITY. CONNECT TO SPARE CIRCUIT BREAKER IN EXISTING PANEL. IF NO SPARE CIRCUIT BREAKERS ARE AVAILABLE, PROVIDE NEW CIRCUIT BREAKER (MATCH EXISTING) IN EXISTING SPACE. INSTALL AND WIRE PUSH PLATES FURNISHED WITH UNIT (SEE KEY NOTE #7).
8. NEW DOOR OPERATOR PUSH PLATE ACTIVATOR. INSTALL AND WIRE PER MANUFACTURER'S SPECIFICATIONS.
9. NEW LOCAL NURSE CALL DOME LIGHT. CONNECT TO UNSWITCHED TOILET LIGHTING CIRCUIT AND WIRE PER MANUFACTURER'S SPECIFICATIONS.
10. LOCAL NURSE CALL PULL CORD ACTIVATOR. INSTALL AND WIRE PER MANUFACTURER'S SPECIFICATIONS.
11. CONTRACTOR TO PROVIDE EMERGENCY POWER TO PUSH PLATES AND DOOR OPENER CIRCUITS. POWER DRAW IS VERY LOW, SO CAN BE TERMINATED TO EM POWER IN ELECTRICAL CLOSET OR ANY 120/208V EM PANEL CLOSER TO BATHROOM. CAUTION: DO NOT USE EM POWER FROM ANY "ISOLATED POWER PANEL".
12. REINSTALL ALL CEILING ITEMS THAT WERE TEMPORARILLY REMOVED ON DRAWING ED100A AND AC100A.

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ELECTRICAL - BUILDING 1- FLOORS 11, 12, 13, ROOF ELECTRICAL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: WG | Drawn: II/JC

Project Number: 561-14-106

Building Number:

Drawing Number: E100B

VA CONTRACT NO. 36C242-18-C-0004

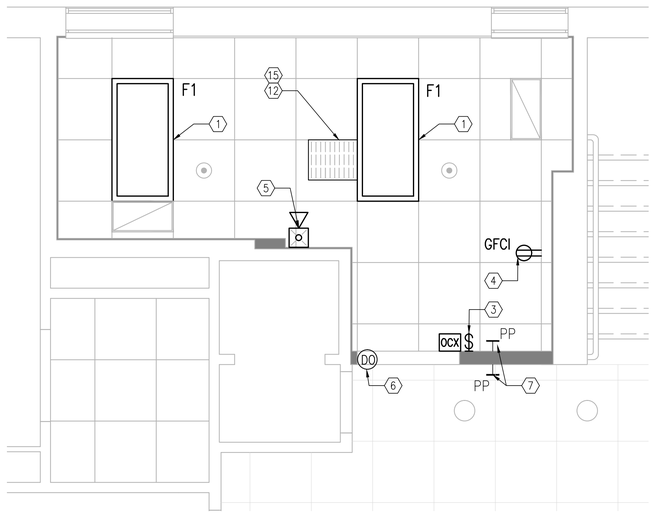
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

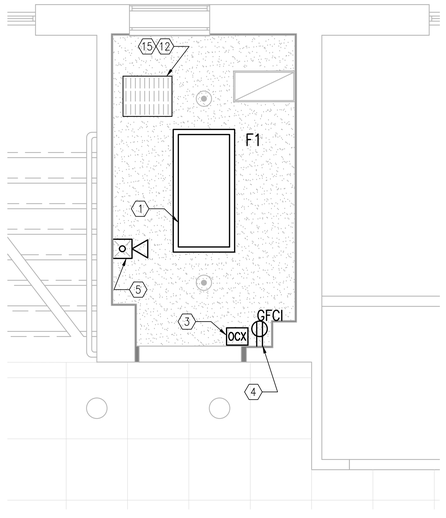
one eighth inch = one foot | one quarter inch = one foot | three eighths inch = one foot | one half inch = one foot | three quarters inch = one foot | one inch = one foot | one and one half inches = one foot | three inches = one foot
VA\CCO_PROJECTS\20171713-36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561144106-E100B_BLDG 1 ELEC NEW.dwg 1-13-20 07:01:37 AM Johnson



N 1

BUILDING 5 - 1ST FLOOR
WOMEN'S H.C. TOILET ROOM 5-1-106
ELECTRICAL PLAN

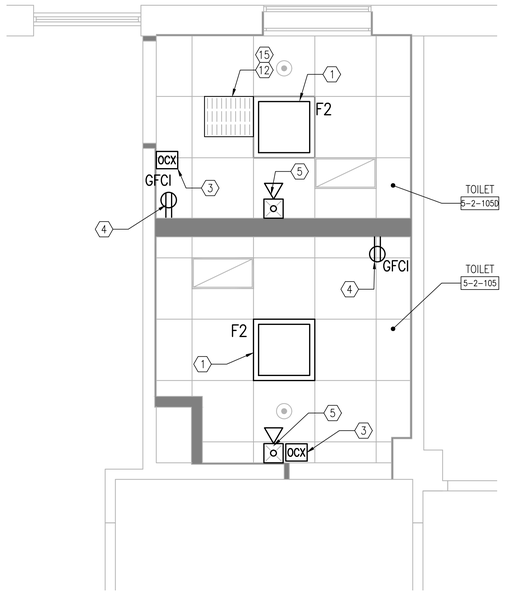
1/2"=1'-0"



N 2

BUILDING 5 - 1ST FLOOR
MEN'S TOILET ROOM 5-1-105
ELECTRICAL PLAN

1/2"=1'-0"



N 3

BUILDING 5 - 2ND FLOOR
UNISEX H.C. TOILET ROOMS 5-2-105
ELECTRICAL PLAN

1/2"=1'-0"

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

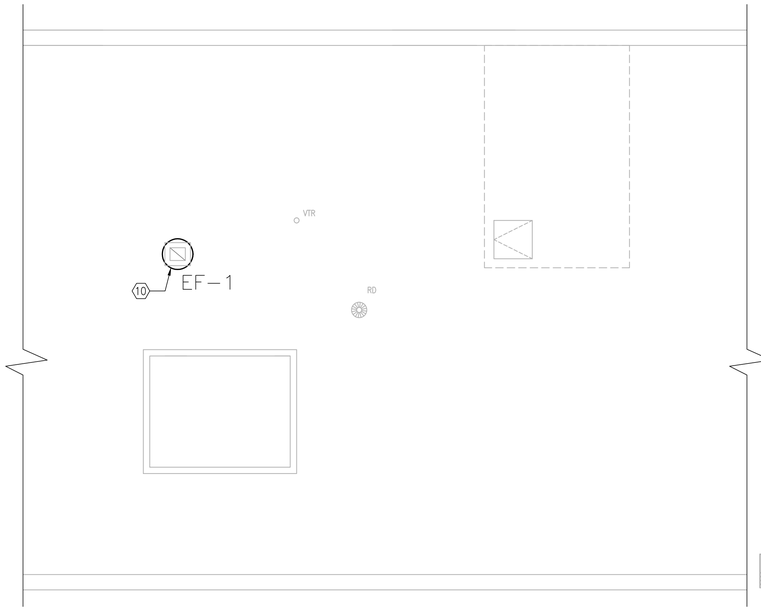
GENERAL ELECTRICAL NOTES

A. REFER TO DRAWING G1002 FOR GENERAL CONSTRUCTION AND FIRE AND SAFETY NOTES.
B. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL NOTES REGARDING SPECIFIED DEMOLITION WORK.
C. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL NOTES REGARDING SPECIFIED NEW WORK.
D. REFER TO MECHANICAL SHEET M-601 FOR FAN AND UNIT HEATER SCHEDULE.
E. REFER TO ELECTRICAL SHEET E-002 FOR LIGHTING FIXTURE SCHEDULE.
F. WHEN WIRING FIRE ALARMS, COORDINATE WORK WITH CERTIFIED FIRE PROTECTION CONTRACTOR.
G. WHEN WIRING NURSE CALL SYSTEM COORDINATE WITH VA TO DE-ENERGIZE AND ENERGIZE SYSTEM.
H. RUN FIRE ALARM WIRING TO FIRE ALARM PANEL, AND LEAVE COILED. CERTIFIED FIRE PROTECTION CONTRACTOR WILL TERMINATE TO FIRE PANEL.
I. IF NEW TERMINATION POINTS ARE REQUIRED IN FIRE ALARM PANEL, THEY SHALL BE INSTALLED BY A CERTIFIED FIRE PROTECTION CONTRACTOR.

(X) ELECTRICAL PLAN KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

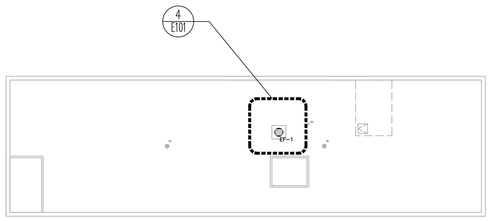
1. NEW RECESSED LED LIGHTING FIXTURE. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET LIGHTING CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
2. N/A.
3. NEW LIGHT SWITCH FOR CONTROL OF ALL LIGHT FIXTURES IN THIS AREA. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET LIGHTING CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
4. NEW GROUND FAULT INTERRUPTER TYPE DUPLEX RECEPTACLE. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET RECEPTACLE CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
5. NEW RECESSED FIRE ALARM VISUAL SIGNALING DEVICE. CONNECT TO EXISTING FIRE ALARM SYSTEM. EXTEND CONDUIT AND WIRING AS REQUIRED. ENSURE THAT CONTINUITY OF EXISTING FIRE ALARM SYSTEM IS MAINTAINED.
6. NEW AUTOMATIC DOOR OPERATOR. THE ELECTRICAL CONTRACTOR SHALL PROVIDE NEW 120-VOLT, 20A. 1P. CIRCUIT TO THIS LOCATION FROM NEAREST 120/208 VOLT PANEL OF ADEQUATE CAPACITY. CONNECT TO SPARE CIRCUIT BREAKER IN EXISTING PANEL. IF NO SPARE CIRCUIT BREAKERS ARE AVAILABLE, PROVIDE NEW CIRCUIT BREAKER (MATCH EXISTING) IN EXISTING SPACE. INSTALL AND WIRE PUSH PLATES FURNISHED WITH UNIT (SEE KEY NOTE #6).
7. NEW DOOR OPERATOR PUSH PLATE ACTIVATOR. INSTALL AND WIRE PER MANUFACTURER'S SPECIFICATIONS.
8. NEW LOCAL NURSE CALL DOME LIGHT. CONNECT TO UNSWITCHED TOILET LIGHTING CIRCUIT AND WIRE PER MANUFACTURER'S SPECIFICATIONS.
9. LOCAL NURSE CALL PULL CORD ACTIVATOR. INSTALL AND WIRE PER MANUFACTURER'S SPECIFICATIONS.
10. NEW EXHAUST FAN MOUNTED ON ROOF. ELECTRICAL CONTRACTORS SHALL CONNECT TO UNSWITCHED LIGHTING CIRCUIT. IN ELECTRICAL ROOM FOLLOW DETAIL NO. 11 ON MECHANICAL DRAWING M402 TO TERMINATE WIRING TO DISCONNECT ON FAN EF-1 ASSEMBLY. ROUTE 3W, #12, 20A CIRCUIT FROM 120/208V PANEL IN ELECTRICAL ROOM, THROUGH CORRIDOOR 5-2-100, THROUGH ELEVATOR LOBBY 5-2-105B INTO CEILING OF TOILET ROOMS 5-2-105.
11. REINSTALL AND RECONNECT STORED LIGHT FIXTURE. TO BE INSTALLED IN SAME LOCATION PRIOR TO REMOVAL.
12. NEW 1800 WATT RECESSED ELECTRIC HEATER FURNISHED WITH INTEGRAL DISCONNECT SWITCH AND CONTROLS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE NEW 120-VOLT, 20A. 1P. CIRCUIT TO THIS LOCATION FROM IRM CLOSET 5-B-103A 208/120V PANEL OF ADEQUATE CAPACITY. CONNECT TO SPARE CIRCUIT BREAKER IN EXISTING PANEL. IF NO SPARE CIRCUIT BREAKERS ARE AVAILABLE, PROVIDE NEW CIRCUIT BREAKER (MATCH EXISTING) IN EXISTING SPACE. UTILIZE DETAILS ON DRAWING E501.
13. NEW CEILING MOUNTED EXHAUST FAN. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET LIGHTING CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
14. CONTRACTOR TO PROVIDE DEDICATED 20A 3-WIRE CIRCUIT FOR HAND DRYER.
15. RUN CIRCUIT TO ELECTRICAL CLOSET 5-B-103A, 208/120V NORMAL POWER.



N 4

BUILDING 5 - ROOF
ELECTRICAL PLAN

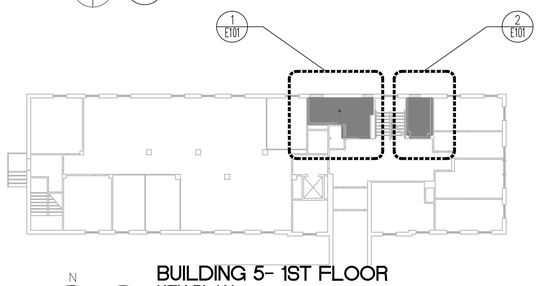
1/2"=1'-0"



N 5

BUILDING 5- ROOF
KEY PLAN

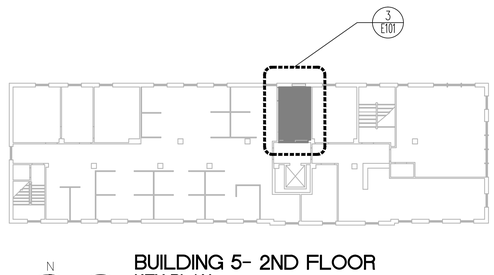
NTS



N 6

BUILDING 5- 1ST FLOOR
KEY PLAN

NTS



N 7

BUILDING 5- 2ND FLOOR
KEY PLAN

NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ELECTRICAL - BUILDING 5- FLOORS 1, 2 ELECTRICAL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: WG | Drawn: II/JC

Project Number: 561-14-106

Building Number: 5

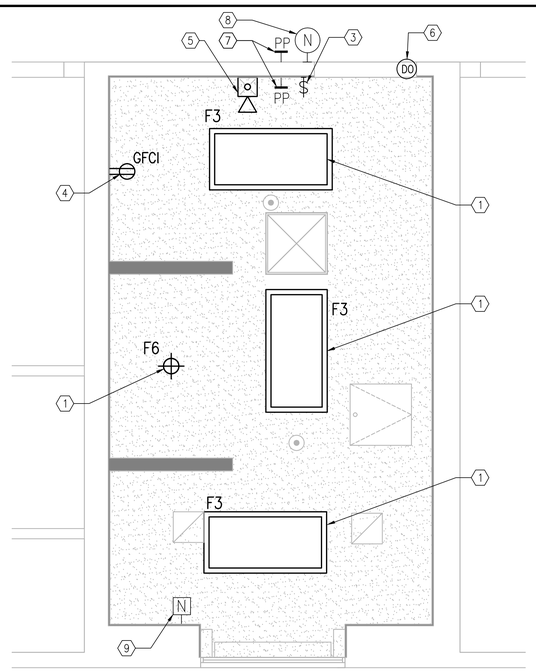
Drawing Number: E101

Office of Construction and Facilities Management

VA Department of Veterans Affairs

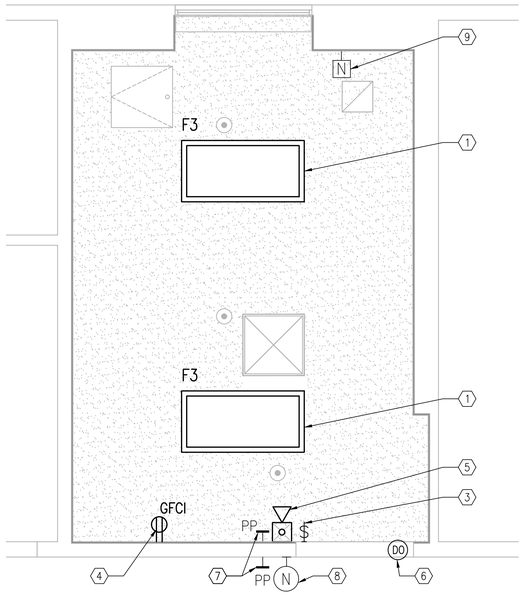
100% CONSTRUCTION DOCUMENTS FOR BID

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
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VA FORM 08-6231



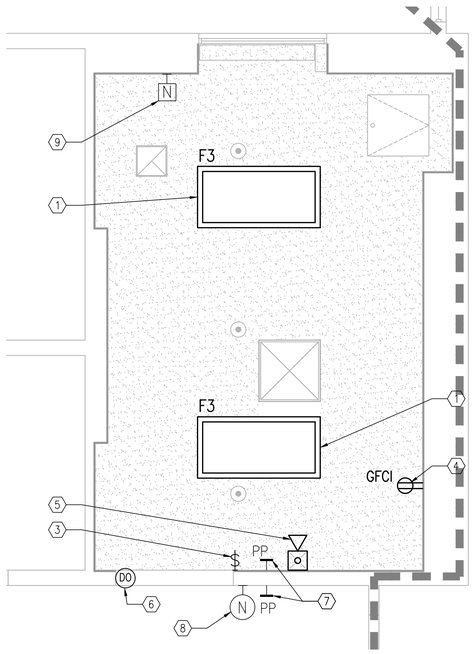
BUILDING 18 - 1st FLOOR
MEN'S H.C. TOILET ROOM 18-118
ELECTRICAL PLAN

N 1 — 1/2"=1'-0"



BUILDING 18 - 1st FLOOR
MEN'S H.C. TOILET ROOM 18-144
ELECTRICAL PLAN

N 2 — 1/2"=1'-0"



BUILDING 18 - 1st FLOOR
WOMEN'S H.C. TOILET ROOM 18-157
ELECTRICAL PLAN

N 3 — 1/2"=1'-0"

FIRE BARRIER LEGEND

- 1 HR. FIRE AND SMOKE BARRIER
- 2 HR. FIRE AND SMOKE BARRIER
- SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

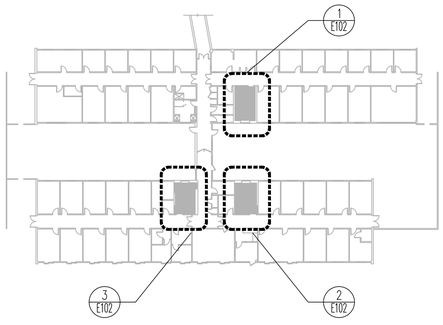
GENERAL ELECTRICAL NOTES

A. REFER TO DRAWING GI002 FOR GENERAL CONSTRUCTION AND FIRE AND SAFETY NOTES.
B. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL NOTES REGARDING SPECIFIED DEMOLITION WORK.
C. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL NOTES REGARDING SPECIFIED NEW WORK.
D. REFER TO MECHANICAL SHEET M-601 FOR FAN AND UNIT HEATER SCHEDULE.
E. REFER TO ELECTRICAL SHEET E-002 FOR LIGHTING FIXTURE SCHEDULE.
F. WHEN WIRING FIRE ALARMS, COORDINATE WORK WITH CERTIFIED FIRE PROTECTION CONTRACTOR.
G. WHEN WIRING NURSE CALL SYSTEM COORDINATE WITH VA TO DE-ENERGIZE AND ENERGIZE SYSTEM.
H. RUN FIRE ALARM WIRING TO FIRE ALARM PANEL, AND LEAVE COILED. CERTIFIED FIRE PROTECTION CONTRACTOR WILL TERMINATE TO FIRE PANEL.
I. IF NEW TERMINATION POINTS ARE REQUIRED IN FIRE ALARM PANEL, THEY SHALL BE INSTALLED BY A CERTIFIED FIRE PROTECTION CONTRACTOR.

(X) ELECTRICAL PLAN KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. NEW RECESSED LED LIGHTING FIXTURE. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET LIGHTING CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
2. N/A.
3. NEW LIGHT SWITCH FOR CONTROL OF ALL LIGHT FIXTURES IN THIS AREA. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET LIGHTING CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
4. NEW GROUND FAULT INTERRUPTER TYPE DUPLEX RECEPTACLE. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET RECEPTACLE CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
5. NEW RECESSED FIRE ALARM VISUAL SIGNALING DEVICE. CONNECT TO EXISTING FIRE ALARM SYSTEM. EXTEND CONDUIT AND WIRING AS REQUIRED. ENSURE THAT CONTINUITY OF EXISTING FIRE ALARM SYSTEM IS MAINTAINED.
6. NEW AUTOMATIC DOOR OPERATOR. THE ELECTRICAL CONTRACTOR SHALL PROVIDE NEW 120-VOLT, 20A. 1P. CIRCUIT TO THIS LOCATION FROM NEAREST 120/208 VOLT PANEL OF ADEQUATE CAPACITY. CONNECT TO SPARE CIRCUIT BREAKER IN EXISTING PANEL. IF NO SPARE CIRCUIT BREAKERS ARE AVAILABLE, PROVIDE NEW CIRCUIT BREAKER (MATCH EXISTING) IN EXISTING SPACE. INSTALL AND WIRE PUSH PLATES FURNISHED WITH UNIT (SEE KEY NOTE #6).
7. NEW DOOR OPERATOR PUSH PLATE ACTIVATOR. INSTALL AND WIRE PER MANUFACTURER'S SPECIFICATIONS.
8. NEW LOCAL NURSE CALL DOME LIGHT. CONNECT TO UNSWITCHED TOILET LIGHTING CIRCUIT AND WIRE PER MANUFACTURER'S SPECIFICATIONS.
9. LOCAL NURSE CALL PULL CORD ACTIVATOR. INSTALL AND WIRE PER MANUFACTURER'S SPECIFICATIONS.
10. NEW EXHAUST FAN MOUNTED ON ROOF. ELECTRICAL CONTRACTORS SHALL CONNECT TO UNSWITCHED LIGHTING CIRCUIT. IN ELECTRICAL ROOM FOLLOW DETAIL NO. 11 ON MECHANICAL DRAWING M402 TO TERMINATE WIRING TO DISCONNECT ON FAN EF-1 ASSEMBLY. ROUTE 3W, #12, 20A CIRCUIT FROM 120/208V PANEL IN ELECTRICAL ROOM, THROUGH CORRIDOOR 5-2-100, THROUGH ELEVATOR LOBBY 5-2-105B INTO CEILING OF TOILET ROOMS 5-2-105.
11. REINSTALL AND RECONNECT STORED LIGHT FIXTURE. TO BE INSTALLED IN SAME LOCATION PRIOR TO REMOVAL.
12. NEW 1800 WATT RECESSED ELECTRIC HEATER FURNISHED WITH INTEGRAL DISCONNECT SWITCH AND CONTROLS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE NEW 120-VOLT, 20A. 1P. CIRCUIT TO THIS LOCATION FROM IRM CLOSET 5-B-103A 208/120V PANEL OF ADEQUATE CAPACITY. CONNECT TO SPARE CIRCUIT BREAKER IN EXISTING PANEL. IF NO SPARE CIRCUIT BREAKERS ARE AVAILABLE, PROVIDE NEW CIRCUIT BREAKER (MATCH EXISTING) IN EXISTING SPACE. UTILIZE DETAILS ON DRAWING E501.
13. NEW CEILING MOUNTED EXHAUST FAN. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION. CONNECT TO EXISTING TOILET LIGHTING CIRCUIT OF ADEQUATE CAPACITY IN THIS AREA. EXTEND CONDUIT AND WIRING AS REQUIRED.
14. CONTRACTOR TO PROVIDE DEDICATED 20A 3-WIRE CIRCUIT FOR HAND DRYER.
15. RUN CIRCUIT TO ELECTRICAL CLOSET 5-B-103A, 208/120V NORMAL POWER.



N

KEY PLAN - BUILDING 18- 1ST FLOOR
NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
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Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd. Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ELECTRICAL - BUILDING 18- FLOOR 1 ELECTRICAL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: WG | Drawn: JJ/JC

Project Number: 561-14-106

Building Number:

Drawing Number: E102

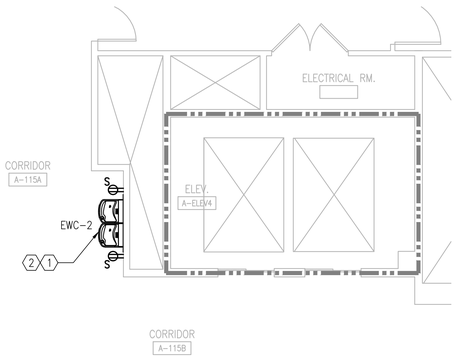
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

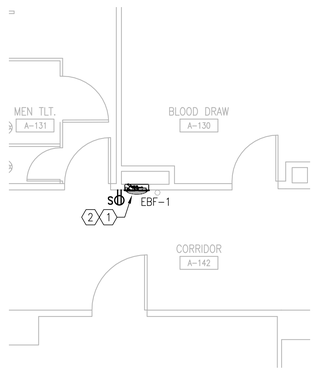
100% CONSTRUCTION DOCUMENTS FOR BID

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
V:\CAD_PROJECTS\2017\17-113 36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561114106-E102_BLDG 18 ELEC NEW.dwg 1-13-20 07:04:54 AM JJohnson



N 1 **BUILDING 1**
CORE WING- TYP.
ELECTRICAL PLAN
1/4"=1'-0"

TYPICAL FOR FLOORS:
'A', 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13



N 2 **BUILDING 1**
FLOOR 'A'- BLOOD DRAW
ELECTRICAL PLAN
1/4"=1'-0"

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

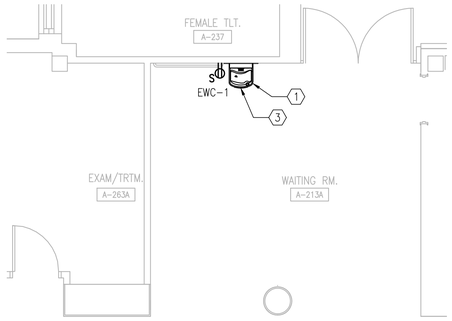
GENERAL ELECTRICAL WATER COOLER NOTES

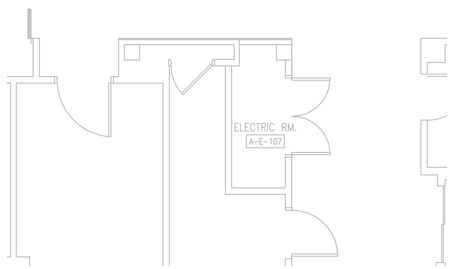
A. REFER TO DRAWING G002 FOR GENERAL CONSTRUCTION PHASING NOTES, FIRE AND SAFETY NOTES, AND GENERAL INFECTION CONTROL NOTES.
B. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS FOR ADDITIONAL NOTES REGARDING SPECIFIED DEMOLITION WORK.
C. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL NOTES REGARDING SPECIFIED NEW WORK.
D. REFER TO PLUMBING DRAWING P201 FOR ELECTRIC WATER COOLER SCHEDULE.
E. UPDATE PANEL INDEXES FOR ALL CHANGES.

(X) ELECTRIC WATER COOLER KEY NOTES

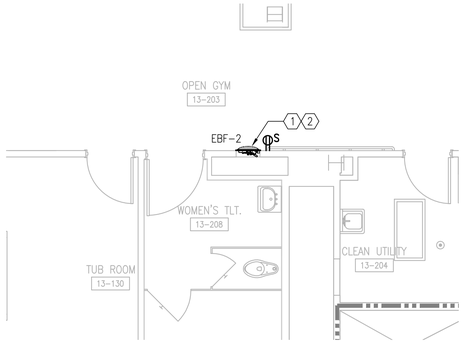
NOT ALL NOTES APPLY TO EVERY DRAWING.

1. PROVIDE DEDICATED 20A CIRCUIT AND LOCAL GFCI FOR EACH WATER COOLER.
2. REUSE EXISTING WIRING FOR EWC, AND NEW GFCI.
3. RUN CIRCUIT TO ELECTRIC CLOSET A-E-107 208/120V NORMAL POWER PANEL.

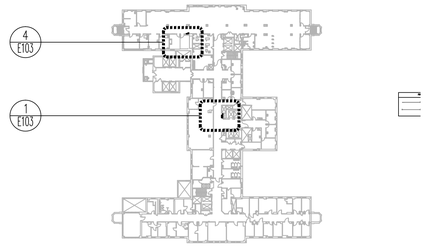




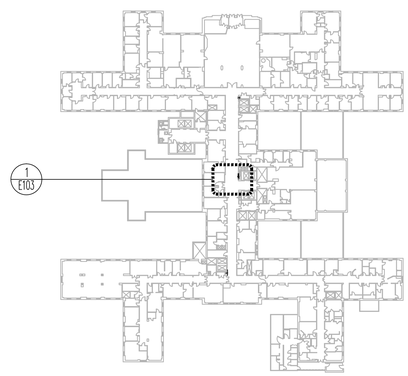
N 3 **BUILDING 1**
FLOOR 'A'- WAITING A-213A
ELECTRICAL PLAN
1/4"=1'-0"



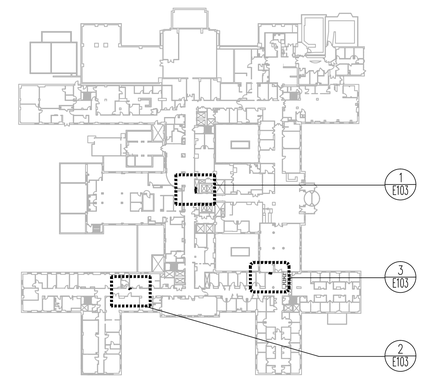
N 4 **BUILDING 1**
13TH FLOOR - 13-208
ELECTRICAL PLAN
1/4"=1'-0"



N 5 **BUILDING 1- 13TH FLOOR**
KEY PLAN
NTS



N 6 **BUILDING 1- 1ST THRU 12 TYP.**
KEY PLAN
NTS



N 7 **BUILDING 1- FLOOR 'A'**
KEY PLAN
NTS

VA CONTRACT NO. 36C242-18-C-0004

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com
700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ELECTRICAL - BUILDING 1- FLOORS 'A' THRU 13 EWC ELECTRICAL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: WQ | Drawn: JVJ

Project Number: 561-14-106

Building Number: 1

Drawing Number: E103

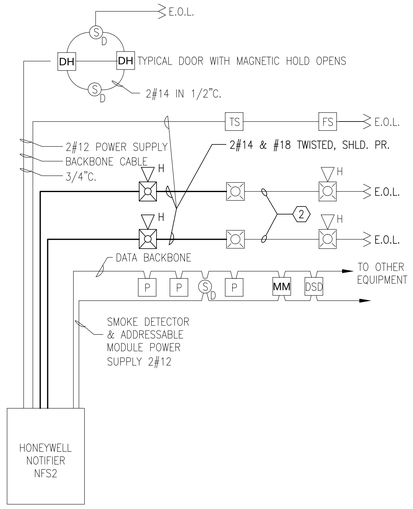
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

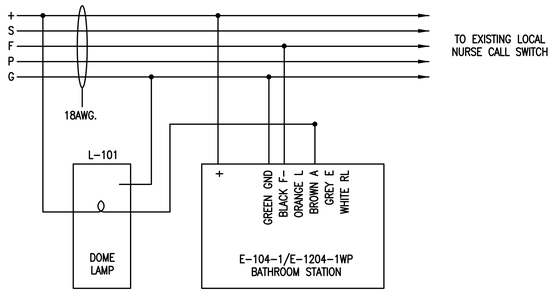
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K:\CCO_PROJECTS\2017\17-113 36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561114106-E103_BLDG 1_ENG ELEC.dwg 1-13-20 07:04:27 AM MJohnson



1 TYPICAL FIRE ALARM SYSTEM RISER

NTS



2 TYPICAL WIRING NURSE CALL

NTS

CORNELL MANUFACTURING UTILIZED FOR DESIGN BASIS. CONTRACTOR TO PERFORM WIRING PER SELECTED MANUFACTURER'S WIRING DIAGRAMS.

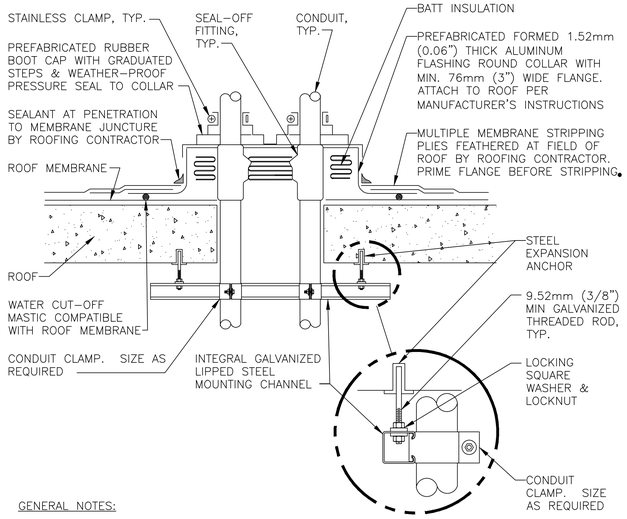
ELECTRICAL GENERAL NOTES

A. THE FIRE ALARM AND NURSE CALL ARE TYPICAL DIAGRAMS. ACTUAL WIRING SHALL FOLLOW THE SPECIFIC MANUFACTURER'S WIRING REQUIREMENTS.

B. PRIOR TO WORKING ON EITHER SYSTEM, THE GENERAL CONTRACTOR SHALL CONTACT THE VA TO DE-ENERGIZE THAT PART OF THE SYSTEM.

C. COORDINATE WITH THE VA WHEN INSTALLING CONDUCTORS AND WIRING FOR THESE SYSTEMS, SO THAT THE NEW INSTALLATION IS COMPATIBLE WITH THE EXISTING SYSTEM.

D. COORDINATE WITH VA WHEN PURCHASING FIRE ALARM SIGNAL EQUIPMENT AND NURSE CALL EQUIPMENT TO ASSURE THAT NEW EQUIPMENT IS COMPATIBLE WITH EXISTING SYSTEMS.

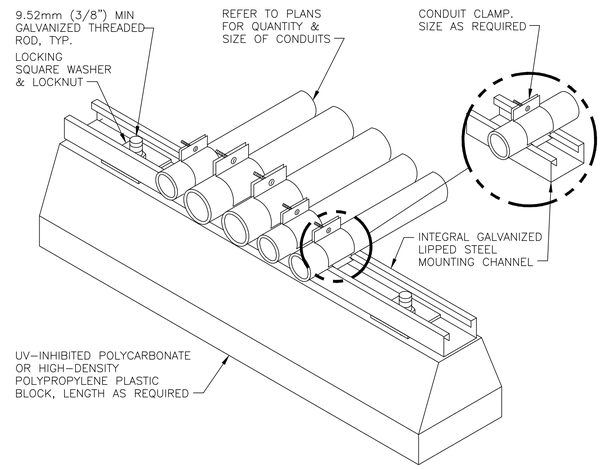


GENERAL NOTES:

1. MAINTAIN A MINIMUM CLEARANCE OF 305mm (12") ON ALL SIDES OF ROOF PENETRATION FROM WALLS, CURBS, AND OTHER PROJECTIONS TO FACILITATE PROPER FLASHING.
2. FLANGES OF ADJACENT FLASHINGS SHALL NOT BE CUT OR OVERLAPPED.
3. VERIFY ROOF & STRUCTURAL SYSTEM WITH ARCHITECT.
4. COORDINATE FLASHING INSTALLATION WITH ROOFING CONTRACTOR TO ENSURE PROPER METHODS & MATERIALS ARE USED TO MAINTAIN ROOF WARRANTY.

CONDUIT ROOF PENETRATION DETAIL

NTS



ROOF CONDUIT SUPPORT DETAIL

NTS

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
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25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd. Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: ELECTRICAL - BUILDING 5 DETAILS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: WG | Drawn: II/JC

Project Number: 561-14-106

Building Number: 5

Drawing Number: E501

Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID

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one quarter inch = one foot
one eighth inch = one foot
one inch = one foot
one and one half inches = one foot
three inches = one foot
VA FORM 08-6231

FIRE PROTECTION GENERAL NOTES

1. THIS CONTRACTOR SHALL REVIEW ENTIRE SET OF CONTRACT DOCUMENTS: INCLUDING BUT NOT NECESSARILY LIMITED TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, ELECTRICAL DRAWINGS AND ENTIRE PROJECT MANUAL. THIS CONTRACTOR SHALL ACKNOWLEDGE AND INCLUDE IN THE SCOPE OF WORK (CONTRACT) ALL CONDITIONS PERTINENT TO THE COMPLETION OF HIS WORK. THE CONTRACTOR SHALL FULLY COORDINATE HIS WORK WITH THE INSTALLATION OF HIS WORK WITH THE INSTALLATION OF WORK BY OTHER TRADES AND MAKE NECESSARY FIELD ADJUSTMENTS AS REQUIRED TO ACCOMMODATE THE INSTALLATION. ALL OF THE ABOVE SHALL BE INCLUDED IN THE SCOPE OF WORK AT NO ADDITIONAL CHARGE TO THE VA.

2. THIS CONTRACTOR SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK AND FULLY INFORM THEMSELVES AS TO ALL CONDITIONS AND MATTERS THAT CAN, IN ANY WAY, AFFECT THE WORK OR THE COST THEREOF. SHOULD THIS CONTRACTOR FIND DISCREPANCIES IN, OR OMISSIONS FROM THE DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS, OR BE IN DOUBT AS TO THEIR MEANING, NOTIFY THE OWNER AND THE ARCHITECT AT ONCE, IN WRITING, OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND NEW WORK, OR BETWEEN THEIR WORK AND THE WORK OF THEIR TRADES AND OBTAIN CLARIFICATION PRIOR TO SUBMITTING ANY BID. LACK OF SUCH NOTIFICATION SHALL BE CONSTRUED AS TO INDICATE NO DISCREPANCIES OR CONFLICTING CONDITIONS EXIST. ADDITIONAL COMPENSATION WILL NOT BE GRANTED AFTER AWARD OF CONTRACT FOR ANY WORK REQUIRED TO COMPLY WITH THESE REQUIREMENTS.

3. THE DRAWINGS INDICATE DIAGRAMMATICALLY THE INTENT, GENERAL CHARACTER, REQUIREMENTS AND LOCATION OF THE WORK SHOWN AND INCLUDED. THE WORK INDICATED BUT HAVING MINOR DETAILS OBVIOUSLY OMITTED SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE VA.

4. THIS CONTRACTOR IS REQUIRED TO BID, AS SPECIFIED, ON THE DRAWINGS WITHOUT DEVIATION. THIS CONTRACTOR IS INVITED TO SUBMIT SUBSTITUTIONS FROM THE BASE BID, ONLY IF THE SUBSTITUTIONS ARE APPROVED BY THE VA COORDINATE AND SUCCESSFULLY REVIEWED BY THE AE, PRIOR TO SUBMITTING THE BID.

5. IT IS THE INTENT OF THESE DOCUMENTS THAT THE FIRE PROTECTION CONTRACTOR PROVIDE ALL LABOR, MATERIAL, EQUIPMENT AND TOOLS FOR THE COMPLETE INSTALLATION OF ALL WORK SHOWN ON THE PLANS AND/OR DESCRIBED HEREIN, INCLUDING ALL DEVICES, CONTROLS AND APPURTENANCES REQUIRED TO SET NEW SYSTEMS INTO OPERATION.

6. SHOULD CONDITIONS NECESSITATE ANY REARRANGEMENTS, OR IF PIPING CAN BE RUN TO BETTER ADVANTAGE, PREPARE AND SUBMIT SHOP DRAWINGS SHOWING THE CHANGES BEFORE PROCEEDING WITH THE WORK. IF SUCH CHANGES ARE APPROVED BY THE VA AND SUCCESSFULLY REVIEWED BY THE AE, THEY SHALL BECOME A PART OF THE CONTRACT AFTER THEIR APPROVAL.

7. THIS CONTRACTOR SHALL VERIFY ALL MOUNTING, ALL ARRANGEMENTS, HEIGHTS AND LOCATIONS PRIOR TO ROUGH-IN. ANY MENTION OF A SPECIFIC MOUNTING ARRANGEMENT, WEIGHT OR LOCATION SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO VERIFY THE SPECIFIC REQUIREMENT FURNISHED OR THE OTHER TRADES WORKING IN THE SAME AREA. NO ADDITIONS TO THE CONTRACT SUM WILL BE PERMITTED FOR ITEMS INSTALLED IN WRONG LOCATIONS, IN CONFLICT WITH OTHER WORK, ETC.

8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL CURRENT FEDERAL BUILDING CODES, REGULATIONS, AND REQUIREMENTS, LOCAL UTILITY COMPANY REQUIREMENTS, NFPA, IPC, AND ASHRAE STANDARDS. ALL COMPONENTS SHALL BE UL LISTED AND FM APPROVED.

9. THIS CONTRACTOR SHALL PAY ALL PERMIT FEES, PLAN REVIEW FEES, LICENSE FEES, INSPECTIONS, AND TAXES APPLICABLE TO THEIR DIVISION AND SHALL BE INCLUDED IN THE BASE BID AS PART OF THEIR CONTRACT.

10. THIS CONTRACTOR SHALL BE LICENSED, BONDED, INSURED AND CAPABLE OF PERFORMING QUALITY WORKMANSHIP. THIS CONTRACTOR GUARANTEES ALL OF HIS WORK AND MATERIALS FOR THE PERIOD OF ONE YEAR. FROM FINAL ACCEPTANCE BY THE OWNER.

11. THIS CONTRACTOR SHALL ESTABLISH SAFE WORKING PROCEDURES FOR THE PROTECTION OF THE WORKMEN IN ALL PHASES OF WORK, COMPLYING WITH ALL APPLICABLE PROVISIONS OF CITY, STATE, AND FEDERAL SAFETY LAWS (OSHA) AND AS RECOMMENDED IN THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" AS ISSUED BY THE ASSOCIATION OF GENERAL CONTRACTORS OF AMERICA, IN., 20TH AND E. STREETS, N.W. WASHINGTON, D.C.

12. THIS CONTRACTOR IS RESPONSIBLE FOR SCHEDULING THE PURCHASE, DELIVERY, RECEIVING, UNLOADING, UNCRATING, STORING, SETTING IN PLACE, AND PROTECTING ALL NEW EQUIPMENT FURNISHED BY THIS CONTRACTOR AND EQUIPMENT FURNISHED BY OWNER FROM DAMAGE BY VANDALISM AND WEATHER DURING CONSTRUCTION.

13. THIS CONTRACTOR SHALL PROVIDE A COMPETENT OPERATING TECHNICIAN TO INSTRUCT THE OWNER IN THE OPERATION AND MAINTENANCE OF THE NEW EQUIPMENT.

14. UPON COMPLETION OF THE WORK, THIS CONTRACTOR SHALL REVIEW AND CHECK THE ENTIRE PORTION OF WORK, CLEAN EQUIPMENT AND DEVICES. REMOVE SURPLUS MATERIALS AND RUBBISH FROM THE PROPERTY AND LEAVE THE WORK IN NEAT AND CLEAN ORDER AND IN COMPLETE WORKING CONDITION. EACH RESPECTIVE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ANY CARTONS, DEBRIS, EQUIPMENT, ETC., INSTALLED BY THIS CONTRACTOR INCLUDING EQUIPMENT FURNISHED BY OTHERS AND UNPACKED OR REMOVED FROM CARTONS BY THIS CONTRACTOR.

15. THIS CONTRACTOR SHALL FURNISH AND INSTALL ALL STRUCTURAL STEEL MEMBERS, SLEEVES, AND SHIMS REQUIRED TO LEVEL AND SUPPORT EQUIPMENT AND PIPES.

16. BEFORE PLACING WATER SYSTEM IN OPERATION, CHLORINATE ENTIRE SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS AND IN CONJUNCTION WITH ALL LOCAL, STATE AND FEDERAL PLUMBING CODES, SUPPLY CERTIFICATE.

17. EXISTING SERVICE VALVES AT ALL BRANCH SUPPLY PIPING SHALL REMAIN AS IS. SUCH SERVICE VALVES SHALL BE AS PER THE SPECIFICATIONS AND/OR IN KEEPING WITH THE FACILITY STANDARDS.

18. SPRINKLER HEADS SHALL BE LOCATED IN CEILING GRID IN A SYMMETRICAL PATTERN, COORDINATED WITH OTHER DEVICES MOUNTED IN OR ON THE CEILING. PROVIDE ADDITIONAL SPRINKLER HEADS REQUIRED TO ACHIEVE SYMMETRY. LOCATE SPRINKLER HEADS IN THE CENTER OF CEILING TILES.

19. SPRINKLER CONTRACTOR SHALL PROVIDE A COORDINATED REFLECTED CEILING PLAN AS PART OF THE SUBMITTAL TO THE ARCHITECT AND ENGINEER SHOWING SPRINKLER HEAD LOCATIONS COORDINATED WITH CEILING AND ALL OBJECT MOUNTED IN OR ON THE CEILING.

20. THE SPRINKLER CONTRACTOR SHALL BE A LICENSED, AUTHORIZED INSTALLER OF COMMERCIAL SPRINKLER SYSTEM AND SHALL HAVE HAD A MINIMUM OF THREE (3) YEARS OF EXPERIENCE IN THE INSTALLATION OF SPRINKLER SYSTEMS.

21. THE SPRINKLER SYSTEM SHALL BE:

    A. A DESIGNED SYSTEM IN ACCORDANCE WITH THE STANDARDS OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), CHAPTERS 13, AND SPECIFICATION.

    B. DESIGNED TO CONFORM WITH BUILDING STRUCTURAL, MECHANICAL, AND ELECTRICAL SYSTEM, AS INDICATED AND DESCRIBED ON THE CONTRACT DOCUMENTS.

    C. ACCEPTABLE TO THE FIRE MARSHAL AND OR ALL LOCAL AUTHORIZES HAVING JURISDICTION.

22. THE CONTRACTOR IS RESPONSIBLE TO SUBMIT HYDRAULIC CALCULATIONS PER NFPA 13 IN SUBMITTAL OF SHOP DRAWINGS AND FOR THE COMPLETE DESIGN OF THE SPRINKLER SYSTEM. THE SPRINKLER SYSTEM SHALL BE:

    A. A DESIGNED SYSTEM IN ACCORDANCE WITH THE STANDARDS OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), CHAPTERS 13, AND SPECIFICATION.

    B. DESIGNED TO CONFORM WITH BUILDING STRUCTURAL, MECHANICAL, AND ELECTRICAL SYSTEM, AS INDICATED AND DESCRIBED ON THE CONTRACT DOCUMENTS.

    C. ACCEPTABLE TO THE FIRE MARSHAL AND OR ALL LOCAL AUTHORIZES HAVING JURISDICTION.

23. THE SPECIFICATIONS, THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE AUTHORIZERS HAVING JURISDICTION, FULLY COORDINATED SHOP DRAWINGS OF SPRINKLER HEADS, HANGERS AND SUPPORTS. DESIGN PLAN SHALL BE PREPARED AND SIGNED/SEALED BY A REGISTERED FIRE PROTECTION ENGINEER IN ACCORDANCE WITH UCF REQUIREMENT.

24. THE SPRINKLER SYSTEM SHALL BE INSPECTED AND TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL FIRE PROTECTION CODE, AND ALL LOCAL AUTHORITIES HAVING JURISDICTION.

25. THE CONTRACTOR SHALL ARRANGE FOR INSPECTION AND TEST OF ANY OR ALL PARTS OF THE WORK AS REQUIRED BY AUTHORITIES HAVING JURISDICTION AND PAY ALL CHARGES FOR SAME.

26. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ACCURATE FLOW TEST DATA OR PERFORMING AN UPDATED FLOW TEST, WHICHEVER IS REQUIRED.

27. AREA SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENT FOR OCCUPANCY PER NFPA 13.

28. THE AUTOMATIC WET FIRE SPRINKLER SYSTEM SHALL BE INSTALLED IN SUCH A MANNER TO PREVENT THE SYSTEM PIPING OR SPRINKLERS HEADS EXPOSURE TO TEMPERATURES LESS THAN 40 DEGREES F.

29. PAINT NEW SPRINKLER PIPING RED AND LABEL PER NFPA 13.

30. CONTRACTOR SHALL PROVIDE COORDINATED PIPE SLEEVE DRAWINGS SHOWING ALL PENETRATIONS THROUGH FLOORS.

31. INSTALLER QUALIFICATIONS: CONTRACTOR'S RESPONSIBILITY SHALL INCLUDE DESIGNING, FABRICATING AND INSTALLING FIRE-SUPPRESSION SYSTEMS AND PROVIDING PROFESSIONAL ENGINEERING SERVICES NEEDED TO ASSUME ENGINEERING RESPONSIBILITY. CALCULATION BASED ON RESULTS OF FIRE HYDRANT FLOW TEST.

32. PROVIDE OR EXTEND STANDPIPE SYSTEM IF NECESSARY IN ACCORDANCE WITH NFPA 14.

33. ALL FIRE PROTECTION CONTROL VALVES SHALL BE SUPERVISED.

34. CONTRACTOR SHALL PROVIDE COORDINATED PIPE SLEEVE DRAWINGS SHOWING ALL PENETRATIONS THROUGH FLOORS.

35. ENGINEERING RESPONSIBILITY: PREPARATION OF WORKING PLANS, CALCULATIONS, AND FIELD TEST REPORTS BY A QUALIFIED PROFESSIONAL ENGINEER.

36. WELDING: QUALIFY PROCESSES AND OPERATORS ACCORDING TO ASME BOILER AND PRESSURE VESSEL CODE, SECTION IX.

37. NFPA STANDARDS: FIRE SUPPRESSION SYSTEM EQUIPMENT, SPECIALTIES, ACCESSORIES, INSTALLATION AND TESTING SHALL COMPLY WITH THE FOLLOWING:

    A. NFPA 13 INSTALLATION OF SPRINKLER SYSTEMS.
    B. NFPA 230 FIRE PROTECTION OF STORAGE.
    C. NFPA 101 LIFE SAFETY CODE.
    D. NFPA 72 FIRE ALARM CODE.

38. FIRE-SUPPRESSION SPRINKLER SYSTEM DESIGN SHALL BE APPROVED BY AUTHORITIES HAVING JURISDICTION.

    A. MARGIN OF SAFETY FOR AVAILABLE WATER FLOW AND PRESSURE: 10 PERCENT, INCLUDING LOSSES THROUGH WATER-SERVICE PIPING, VALVES, AND BACKFLOW PREVENTERS.

39. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE VA A COMPLETE LIST OF ITEMS TO BE FURNISHED AND INSTALLED UNDER THIS CONTRACT. INCLUDING, BUT NOT BE LIMITED TO THE FOLLOWING:

    A. DIMENSIONED SHOP DRAWINGS OF MATERIALS AND FIXTURES. DIMENSIONED SHOP DRAWINGS OF EQUIPMENT AND PIPING PLAN LAYOUT(S).

40. REQUIRED ITEMS TO BE SUBMITTED SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:

    A. PRODUCT DATA.
    B. APPROVED SPRINKLER PIPING DRAWINGS: WORKING PLANS, PREPARED ACCORDING TO NFPA, AND HAVE BEEN APPROVED BY AUTHORITIES HAVING JURISDICTION, INCLUDING HYDRAULIC CALCULATIONS.
    C. FIELD QUALITY-CONTROL TEST REPORTS.
    D. FIELD TEST CERTIFICATES.
    E. OPERATION AND MAINTENANCE DATA.

41. SEISMIC PERFORMANCE (IF APPLICABLE): FIRE-SUPPRESSION PIPING SHALL BE CAPABLE OF WITHSTANDING THE EFFECTS OF EARTHQUAKE MOTIONS DETERMINED ACCORDING NFPA 13 AND APPLICABLE CODE REQUIREMENTS. ASCE 7, VA H-18-8.

42. CONTRACTOR SHALL SUBMIT FOR REVIEW TO THE VA/COR A COMPLETE LIST OF ITEMS TO BE FURNISHED AND INSTALLED UNDER THIS CONTRACT. INCLUDING, BUT NOT BE LIMITED TO THE FOLLOWING:

    A. DIMENSIONED SHOP DRAWINGS OF MATERIALS, FIXTURES AND EQUIPMENT.
    B. DIMENSIONED SHOP DRAWINGS OF EQUIPMENT AND PIPING PLAN LAYOUT(S).

FIRE PROTECTION SYMBOL LIST

SYMBOL	DESCRIPTION
	SCOPE OF WORK BOUNDARY
SP	FIRE SPRINKLER PIPING
SS	STANDPIPE SYSTEM PIPING
	CHECK VALVE
	GATE VALVE WITH TAMPER SWITCH
	CONTROL PANEL
	SWING CHECK VALVE
	OS&Y VALVE W/TAMPER SWITCH
	OS&Y ZONE CONTROL VALVE W/TAMPER SWITCH
FS	FLOW SWITCH
PS	PRESSURE SWITCH
P	PRESSURE GAUGE
	INSPECTOR TEST
	SIGHT GLASS
	UNION
HS	HORN/STROBE ALARM
	WALL MOUNTED FIRE DEPARTMENT CONNECTION
	FREE STANDING FIRE DEPARTMENT CONNECTION
	DOUBLE CHECK BACKFLOW PREVENTER
	CONNECT TO EXISTING

FIRE PROTECTION ABBREVIATION LIST

SYMBOL	DESCRIPTION
AFF	ABOVE FINISH FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
DP	DRY PENDENT
DN	DOWN
DS	DATA SHEET
EC	EXTENDED COVERAGE
EX	EXISTING
FHV	FIRE HOSE VALVE
FM	FACTORY MUTUAL
FP	FIRE PROTECTION
FPC	FIRE PROTECTION CONTRACTOR
FS	FLOW SWITCH
FT	FEET
GC	GENERAL CONTRACTOR
QR/QRS	QUICK RESPONSE
IN	INCH
K-F	SPRINKLER K-FACTOR
OS&Y	OUTSIDE SCREW & YOKE VALVE
PC	PLUMBING CONTRACTOR
QRS	QUICK RESPONSE SPRINKLER
SPR	SPRINKLER RESPONSE
SR	STANDARD RESPONSE
SS	STANDPIPE SYSTEM
SSP	STANDARD PENDENT SPRINKLER
SSU	STANDARD UPRIGHT SPRINKLER
STND	STANDARD
THR	THREADED
TS	TAMPER SWITCH

FIRE PROTECTION DESIGN CRITERIA (NFPA 13-2019 EDITION)

HAZARD	AREA	DESIGN CRITERIA AREA	HOSE (GPM)	MAX SPACING PROTECTION AREA	DESIGN BASIS	REMARKS
LIGHT HAZARD GROUP 1	OFFICE AREAS / PUBLIC AREA / CORRIDORS / RESTROOMS /LOBBY / CONFERENCE ROOMS / BREAK ROOM	0.10/1500 SQFT	100	225 SQFT	NFPA 13 SECTIONS 5.2, 11.2.3.2 & TABLE 11.2.3.1.2	NOTES 1, 2, 3, AND 4
ORDINARY HAZARD GROUP 1	ELECTRICAL / MECHANICAL / STORAGE / SERVER / IT SERVER	0.15/1500 SQFT	250	130 SQFT	NFPA 13 SECTIONS 5.3.1, 11.2.3.2 & TABLE 11.2.3.1.2	NOTES 1, 2, 3, AND 4
ORDINARY HAZARD GROUP 2	MISCELLANEOUS STORAGE	0.2/1500 SQFT	250	130 SQFT	NFPA 13 SECTIONS 5.3.2, 11.2.3.2 & TABLE 11.2.3.1.2	NOTES 1, 2, 3, AND 4

NOTE:
1. THE HYDRAULIC AREA OF OPERATION MAY BE REDUCED AS ALLOWED BY NFPA 13 SECTION 11.2.3.1 FOR AREAS UTILIZING QUICK RESPONSE SPRINKLERS FOR NEW SYSTEM INSTALLATIONS OR UNFINISHED SHELL SPACES.
2. HYDRAULIC AREA OF OPERATION SHALL BE INCREASED (CUMULATIVELY) WITHOUT REVISING THE DENSITY FOR THE FOLLOWING APPLICATIONS:
   A. INCREASED BY 30% FOR AREAS WITH SLOPED CEILINGS WITH A PITCH EXCEEDING 1 IN 6 (16.7%) SLOPE IN ACCORDANCE WITH NFPA 13 11.2.3.2.4.
   B. INCREASED BY 30% FOR DRY-PIPE AND DOUBLE INTERLOCK PRE-ACTION SYSTEMS, IN ACCORDANCE WITH NFPA 13 11.2.3.2.5.
   C. INCREASED TO 3,000 SQFT IF THE BUILDING HAS ADJACENT, NON-SPRINKLERED COMBUSTIBLE SPACES.
3. THE ABOVE CRITERIA NOTED DOES NOT PRECLUDE THE USE OF EXTENDED COVERAGE OR LISTED SPECIAL APPLICATION SPRINKLERS THAT ARE DESIGNED AND INSTALLED IN ACCORDANCE WITH THEIR LISTING AND MANUFACTURER REQUIREMENTS.
4. THE HOSE STREAM ALLOWANCE SHALL BE PROVIDED AT THE BASE OF RISER.

FIRE PROTECTION SPRINKLER SCHEDULE

SYMBOL	TYPE	RE.	K-F	FINISH	REMARKS
	RECESSED DRY PENDENT	QR	5.6	WHITE COVER PLATE	NOTE 1
	RECESSED PENDENT	QR	5.6	WHITE	NOTE 2
	UPRIGHT	QR	5.6	BRASS	NOTE 2
	SIDEWALL	QR	5.6	WHITE	NOTE 2
	DRY SIDEWALL	QR	5.6	WHITE	NOTE 2

GENERAL NOTES:
1. SPRINKLER SHALL BE THE APPROPRIATE TEMPERATURE RATING FOR LOCATION AND OCCUPANCY IN ACCORDANCE WITH NFPA 13.
2. SPRINKLER SHALL ALIGN WITH LIGHT FIXTURES AND OTHER CEILING MOUNTED DEVICES. COORDINATE SPRINKLER LOCATIONS WITH ARCHITECT'S REFLECTED CEILING PLAN, AND PROVIDE ADDITIONAL SPRINKLERS WHERE REQUIRED TO MAINTAIN THE CEILING LAYOUT OF ALL DISCIPLINES, FIXTURES, EQUIPMENT AND WORK.

NOTES:
1. PROVIDE HIGH TEMPERATURE RATED SPRINKLERS IN VESTIBULES.
2. PROVIDED WITH LISTED SPRINKLER GUARD FOR INSTALLATION BELOW 7-FT AFF.
3. PROVIDE WHITE OVERSIZED COVERPLATE WITH CHROME SPRINKLER TO COMPLY WITH ASME 7 AND NFPA 13 FOR HORIZONTAL SEISMIC MOVEMENT.

FIRE PROTECTION DELEGATED-DESIGN NOTE

THE FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGNING AND PROVIDING A COMPLETE, FUNCTIONAL, AND CODE COMPLIANT AUTOMATIC SPRINKLER SYSTEM. REFER TO GENERAL NOTES FOR ADDITIONAL DETAIL CONCERNING DESIGN, FLOW PRESSURE TEST, HYDRAULIC CALCULATIONS PER NFPA 13, 14 TO BE SUMBITTED, COORDINATION AND SHOP DRAWINGS REQUIREMENTS.

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
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KEY PLANS

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ARCHITECT + ENGINEERS:

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700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: FIRE PROTECTION - GENERAL NOTES, SYMBOLS AND ABBREVIATIONS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: - | Drawn: JVJ

Project Number: 561-14-106

Building Number:

Drawing Number: FX001

Office of Construction and Facilities Management

VA Department of Veterans Affairs

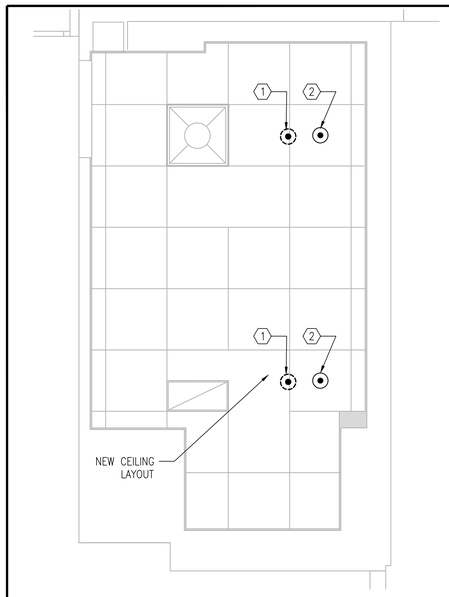
VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID

VA FORM 08-6231

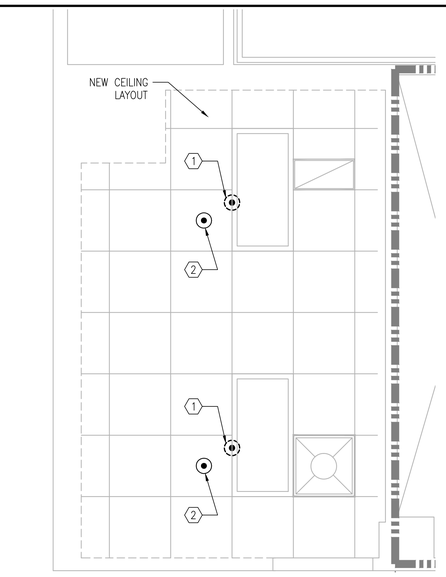
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three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



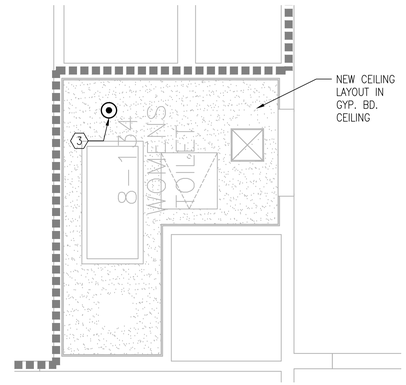
BUILDING 1 - FLOOR 'A' MEN'S H.C. TOILET ROOM A-213 SPRINKLER PLAN

N 1 — 1/2"=1'-0"



BUILDING 1 - 3rd FLOOR MEN'S H.C. TOILET ROOM 3-183 SPRINKLER PLAN

N 2 — 1/2"=1'-0"

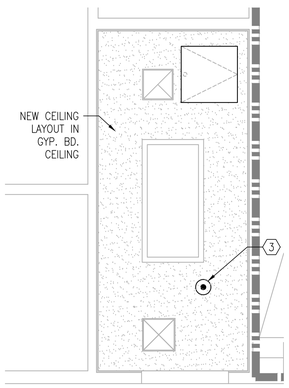


BUILDING 1 - 8th FLOOR UNISEX TOILET ROOM 8-134 SPRINKLER PLAN

N 3 — 1/2"=1'-0"

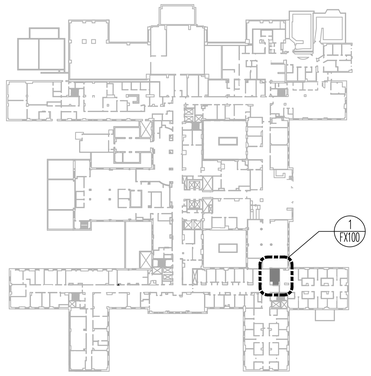
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N 4 — 1/2"=1'-0"



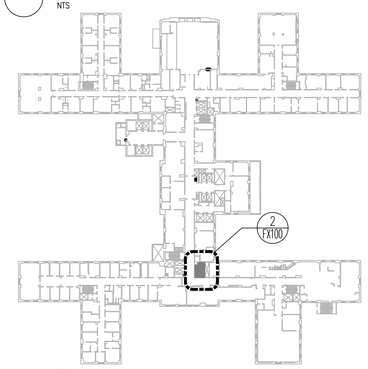
BUILDING 1 - 11th FLOOR UNISEX TOILET ROOM 11-169 SPRINKLER PLAN

N 5 — 1/2"=1'-0"



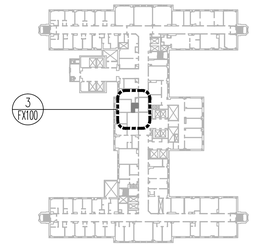
BUILDING 1- FLOOR 'A' KEY PLAN

NTS



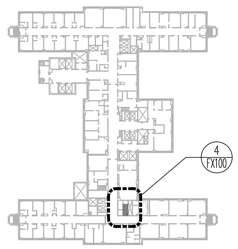
BUILDING 1- 3RD FLOOR KEY PLAN

NTS



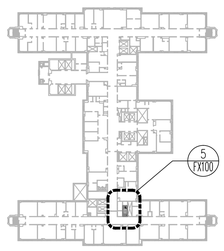
BUILDING 1 -8th FLOOR KEY PLAN

NTS



BUILDING 1 -10th FLOOR KEY PLAN

NTS



BUILDING 1- 11th FLOOR KEY PLAN

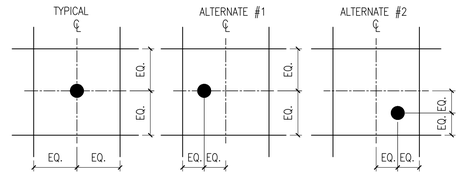
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FIRE BARRIER LEGEND

- 1 HR. FIRE AND SMOKE BARRIER
- 2 HR. FIRE AND SMOKE BARRIER
- SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

TYP. CEILING TILE SPRINKLER HEAD LOCATIONS



ALL SPRINKLER HEADS ARE TO BE CENTERED IN THE 2 X 2 CEILING TILES UNLESS ONE OF THE ALTERNATE TILE LOCATIONS IS REQUIRED FOR COVERAGE REASONS ONLY. OBTAIN APPROVAL FROM THE COR FOR ALTERNATE INSTALLATION PRIOR TO BEGINNING THE WORK.

INTERIM LIFE SAFETY MEASURE - ILSM

1. VA WILL DRAIN THE FIRE PROTECTION ZONE FOR THIS PROJECT AREA/SPACE. CONTRACTOR SHALL ASSIST THE VA WITH THIS OPERATION AND SCOPE OF WORK.
2. CONTRACTOR SHALL THEN WORK ON THE FIRE PROTECTION PIPING AS INDICATED.
3. VA WILL THEN REFILL THE FIRE PROTECTION SYSTEM WITH WATER.
4. CONTRACTOR SHALL INSPECT ALL TEMPORARY CAPS AT SPRINKLER HEAD LOCATIONS FOR ANY WATER FLOW.
5. AT PROJECT COMPLETION PHASE OF WORK THE VA WILL DRAIN THE FIRE PROTECTION SYSTEM. CONTRACTOR WILL ASSIST THE VA DURING THIS OPERATION.
6. ONCE THE FIRE PROTECTION SYSTEM IS DRAINED, CONTRACTOR SHALL FURNISH AND INSTALL FINAL BRANCH PIPING TO FIRE PROTECTION MAIN LINES. CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY SMOKE DETECTORS AT ALL PROJECT ROOMS AND SPACES DURING CONSTRUCTION PHASE OF WORK, FURNISH AND INSTALL TEMPORARY CONDUITS, WIRING AND DEVICES AND CONNECT TO EXISTING FIRE ALARM CONTROL PANEL. CONTRACTOR SHALL CONSULT WITH VA FIRE ALARM CONTROL COMPANY AND PERFORM A CERTIFICATION TESTING THAT TEMPORARY DEVICES ARE IN OPERATION AND SUBMIT WRITTEN REPORT. AT PROJECT COMPLETION PHASE CONTRACTOR SHALL REMOVE TEMPORARY HEAT DETECTORS ARE RESPECTIVE FIRE ALARM WIRING AND CONDUITS.

FIRE PROTECTION GENERAL NOTES

A. CENTER ALL SPRINKLERS WITHIN CEILING TILE UNLESS OTHERWISE NOTED.

B. SPRINKLER MAIN TO REMAIN.

C ALL SPRINKLER HEADS ARE TO BE NEW QUICK RESPONSE TYPE (QRS). FLEXIBLE SPRINKLERS ARE PERMITTED PER NOTE 43 ON FX001. MANUFACTURER: GLOBE SERIES GL-QR OR VA APPROVED EQUAL. REFER TO VA SPECIFICATION 21 13 13.

D. EXISTING SPRINKLER HEADS TO BE REMOVED AND REPLACED WITH QUICK RESPONSE TYPE SPRINKLER HEADS (QRS).

E. CONTRACTOR TO LOCATE ALL SPRINKLERS AS PER THE ARCHITECTURAL ENLARGED REFLECTED CEILING PLANS INDICATED.

F. REWORK AND REROUTE FIRE PROTECTION BRANCH PIPING AS NECESSARY TO ACCOMMODATE NEW ARCHITECTURAL LAYOUT. INSTALL NEW SPRINKLER HEADS PER NFPA 13.

G. RECONNECT EXISTING FIRE PROTECTION PIPING TO NEW SPRINKLER HEAD. INSTALL NEW SPRINKLER HEAD PER NFPA 13.

H. EXISTING SPRINKLER RISER AND CONTROL VALVE IS TO REMAIN AS IS.

I. SEAL/ FIRESTOP PENETRATIONS IN ALL SMOKE BARRIER AND FIRE RATED WALLS (EXTENDING TO BOTTOM OF STRUCTURE ABOVE) AND FLOORS, WHERE OPENINGS ARE ENCOUNTERED UP TO 4" DIAMETER.

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K. DESIGN TO BE IN ACCORDANCE WITH THE VA FIRE PROTECTION DESIGN MANUAL, DATED DECEMBER 2015.

L. CONTRACTOR TO PROTECT EXISTING HEADS FROM DAMAGE, BY TURNING SPRINKLER HEADS UP DURING CONSTRUCTION.

M. CONTRACTOR TO UTILIZE EXISTING BRANCH LINES, CROSS MAINS, AND FEED MAINS, SERVING NEW SPRINKLER LOCATIONS WITH MODIFIED ARM OVER CONNECTIONS FED FROM EXISTING OUTLET. SHOW ALL PIPING ON SHOP DRAWING SUBMITTAL.

O. REFER TO SHEET FX501 FOR DETAILS.

(X) KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

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VA CONTRACT NO. 36C242-18-C-0004

Revisions	Date
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Elk Grove Village, IL 60007
T: 847.952.9362

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Bancroft-AE Project No. 17-113

Drawing Title: FIRE PROTECTION - BUILDING 1- FLOORS 'A', 3, 8, 10, 11 SPRINKLER PLANS

Approved Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: - | Drawn: JVJ

Project Number: 561-14-106

Building Number: 1

Drawing Number: FX100

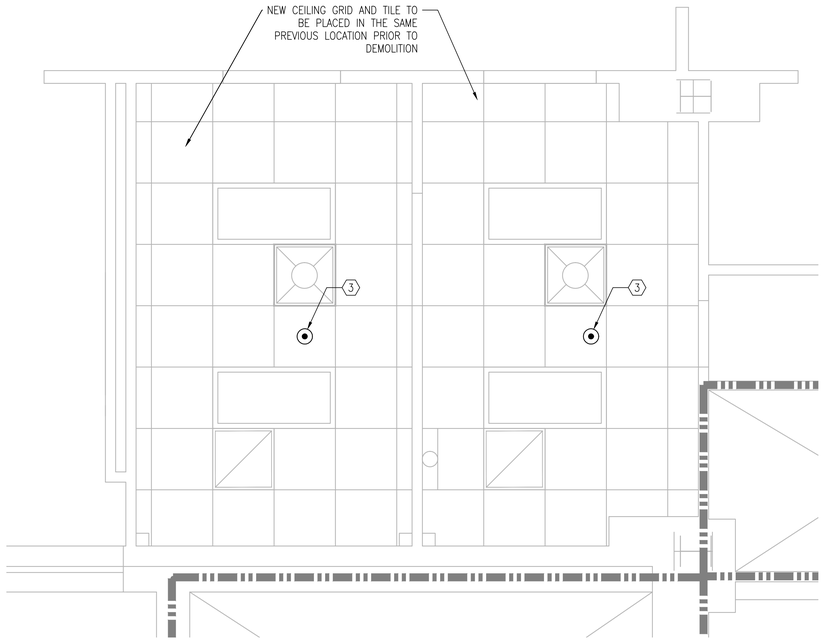
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

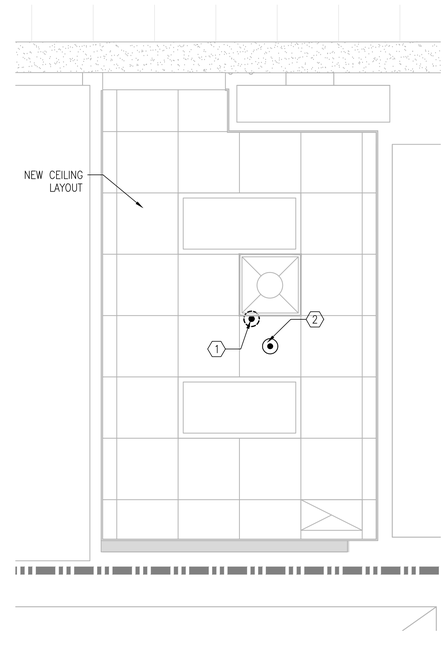
100% CONSTRUCTION DOCUMENTS FOR BID

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BUILDING 1 - 12TH FLOOR OFFICES 12-207/12-208 SPRINKLER PLAN

N 1 1/2"=1'-0"



BUILDING 1 - 13th FLOOR WOMEN'S H.C. TOILET ROOM 13-208 SPRINKLER PLAN

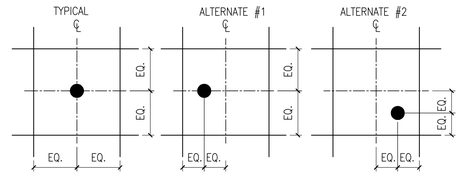
N 2 1/2"=1'-0"

FIRE BARRIER LEGEND

- 1 HR. FIRE AND SMOKE BARRIER
- 2 HR. FIRE AND SMOKE BARRIER
- SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

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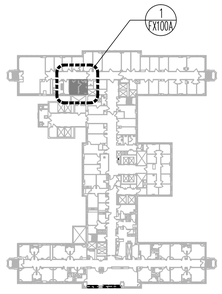
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KEY NOTES

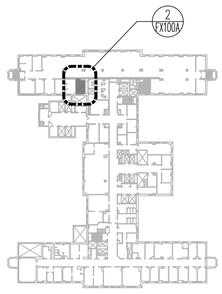
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BUILDING 1- 12th FLOOR KEY PLAN

N NTS



BUILDING 1- 13th FLOOR KEY PLAN

N NTS

VA CONTRACT NO. 36C242-18-C-0004

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Bancroft-AE Project No. 17-113

Drawing Title: FIRE PROTECTION - BUILDING 1- FLOORS 12, 13 SPRINKLER PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: - | Drawn: JVJ

Project Number: 561-14-106

Building Number: 1

Drawing Number: FX100A

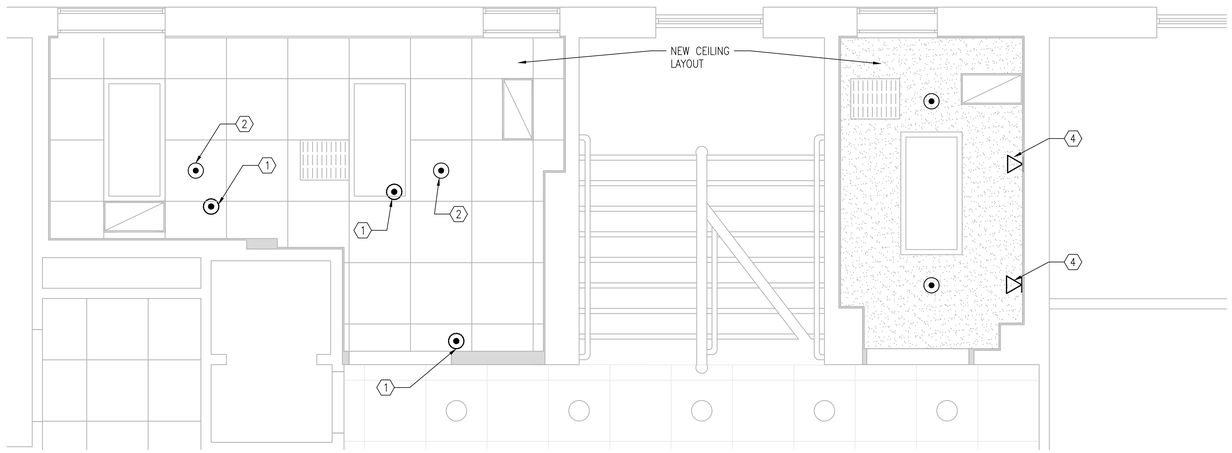
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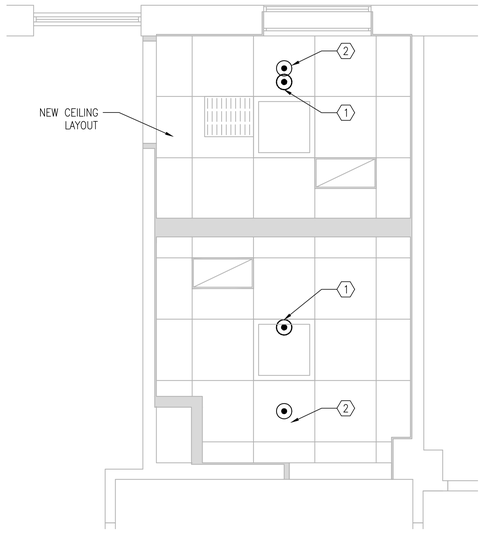
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one and one half inches = one foot
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three quarters inch = one foot
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three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
V:\CDC_PROJECTS\2017\17-113_36C242180004_Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561144106-FX100_BLDG1_SPRINK.dwg 1-12-20 07:49:10 PM Johnson



N 1

BUILDING 5 - 1ST FLOOR
WOMEN'S H.C. TOILET ROOM 5-1-106
SPRINKLER PLAN

1/2"=1'-0"



N 2

BUILDING 5 - 1ST FLOOR
MEN'S TOILET ROOM 5-1-105
SPRINKLER PLAN

1/2"=1'-0"

N 3

BUILDING 5 - 2ND FLOOR
UNISEX H.C. TOILET ROOMS 5-2-105
SPRINKLER PLAN

1/2"=1'-0"

FIRE BARRIER LEGEND

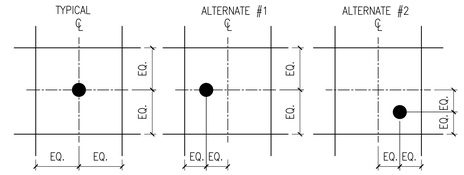
1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

TYP. CEILING TILE SPRINKLER HEAD LOCATIONS



ALL SPRINKLER HEADS ARE TO BE CENTERED IN THE 2 X 2 CEILING TILES UNLESS ONE OF THE ALTERNATE TILE LOCATIONS IS REQUIRED FOR COVERAGE REASONS ONLY. OBTAIN APPROVAL FROM THE COR FOR ALTERNATE INSTALLATION PRIOR TO BEGINNING THE WORK.

INTERIM LIFE SAFETY MEASURE - ILSM

1. VA WILL DRAIN THE FIRE PROTECTION ZONE FOR THIS PROJECT AREA/SPACE. CONTRACTOR SHALL ASSIST THE VA WITH THIS OPERATION AND SCOPE OF WORK.
2. CONTRACTOR SHALL THEN WORK ON THE FIRE PROTECTION PIPING AS INDICATED.
3. VA WILL THEN REFILL THE FIRE PROTECTION SYSTEM WITH WATER.
4. CONTRACTOR SHALL INSPECT ALL TEMPORARY CAPS AT SPRINKLER HEAD LOCATIONS FOR ANY WATER FLOW.
5. AT PROJECT COMPLETION PHASE OF WORK THE VA WILL DRAIN THE FIRE PROTECTION SYSTEM. CONTRACTOR WILL ASSIST THE VA DURING THIS OPERATION.
6. ONCE THE FIRE PROTECTION SYSTEM IS DRAINED, CONTRACTOR SHALL FURNISH AND INSTALL FINAL BRANCH PIPING TO FIRE PROTECTION MAIN LINES. CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY SMOKE DETECTORS AT ALL PROJECT ROOMS AND SPACES DURING CONSTRUCTION PHASE OF WORK, FURNISH AND INSTALL TEMPORARY CONDUITS, WIRING AND DEVICES AND CONNECT TO EXISTING FIRE ALARM CONTROL PANEL. CONTRACTOR SHALL CONSULT WITH VA FIRE ALARM CONTROL COMPANY AND PERFORM A CERTIFICATION TESTING THAT TEMPORARY DEVICES ARE IN OPERATION AND SUBMIT WRITTEN REPORT. AT PROJECT COMPLETION PHASE CONTRACTOR SHALL REMOVE TEMPORARY HEAT DETECTORS ARE RESPECTIVE FIRE ALARM WIRING AND CONDUITS.

FIRE PROTECTION GENERAL NOTES

A. CENTER ALL SPRINKLERS WITHIN CEILING TILE UNLESS OTHERWISE NOTED.

B. SPRINKLER MAIN TO REMAIN.

C ALL SPRINKLER HEADS ARE TO BE NEW QUICK RESPONSE TYPE (QRS). FLEXIBLE SPRINKLERS ARE PERMITTED PER NOTE 43 ON FX001. MANUFACTURER: GLOBE SERIES GL-QR OR VA APPROVED EQUAL. REFER TO VA SPECIFICATION 21 13 13.

D. EXISTING SPRINKLER HEADS TO BE REMOVED AND REPLACED WITH QUICK RESPONSE TYPE SPRINKLER HEADS (QRS).

E. CONTRACTOR TO LOCATE ALL SPRINKLERS AS PER THE ARCHITECTURAL ENLARGED REFLECTED CEILING PLANS INDICATED.

F. REWORK AND REROUTE FIRE PROTECTION BRANCH PIPING AS NECESSARY TO ACCOMMODATE NEW ARCHITECTURAL LAYOUT. INSTALL NEW SPRINKLER HEADS PER NFPA 13.

G. RECONNECT EXISTING FIRE PROTECTION PIPING TO NEW SPRINKLER HEAD. INSTALL NEW SPRINKLER HEAD PER NFPA 13.

H. EXISTING SPRINKLER RISER AND CONTROL VALVE IS TO REMAIN AS IS.

I. SEAL/ FIRESTOP PENETRATIONS IN ALL SMOKE BARRIER AND FIRE RATED WALLS (EXTENDING TO BOTTOM OF STRUCTURE ABOVE) AND FLOORS, WHERE OPENINGS ARE ENCOUNTERED UP TO 4" DIAMETER.

J. THE FIRE PROTECTION DRAWINGS ARE CONCEPTUAL, FOR GENERAL INFORMATION ONLY AND SHALL NOT BE CONSTRUED AS FINAL DESIGN OR INSTALLATION DOCUMENTS. THE SPRINKLER DESIGN AND INSTALLATION SHALL BE THE RESPONSIBILITY OF THE DESIGN BUILD FIRE PROTECTION CONTRACTOR, THIS INCLUDES THE RELOCATION OF SPRINKLER MAINS, BRANCH PIPING AND HEADS AS NECESSARY FOR THE NEW DESIGN. REFER TO SPECIFICATION FOR DESIGN CRITERIA.

K. DESIGN TO BE IN ACCORDANCE WITH THE VA FIRE PROTECTION DESIGN MANUAL, DATED DECEMBER 2015.

L. CONTRACTOR TO PROTECT EXISTING HEADS FROM DAMAGE, BY TURNING SPRINKLER HEADS UP DURING CONSTRUCTION.

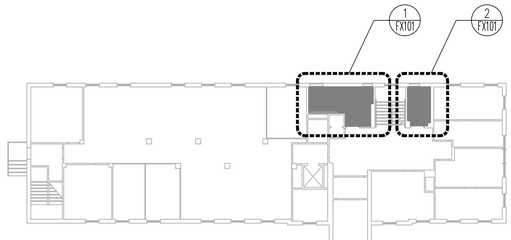
M. CONTRACTOR TO UTILIZE EXISTING BRANCH LINES, CROSS MAINS, AND FEED MAINS, SERVING NEW SPRINKLER LOCATIONS WITH MODIFIED ARM OVER CONNECTIONS FED FROM EXISTING OUTLET. SHOW ALL PIPING ON SHOP DRAWING SUBMITTAL.

O. REFER TO SHEET FX501 FOR DETAILS.

KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

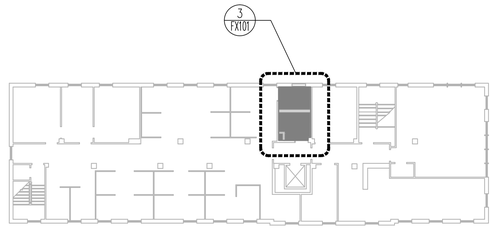
1. EXISTING SPRINKLER HEAD TO BE REMOVED.
2. NEW SPRINKLER HEAD. MODIFY PIING AS REQUIRED TO SERVE NEW SPRINKLER HEAD.
3. NEW SPRINKLER HEAD LOCATION IN SAME POSITION AS ORIGINAL HEAD TO BE REMOVED AND REPLACED.
4. EXISTING SIDEWALL SPRINKLER HEAD TO REMAIN. PROTECT DURING CONSTRUCTION.



N

BUILDING 5- 1ST FLOOR
KEY PLAN

NTS



N

BUILDING 5- 2ND FLOOR
KEY PLAN

NTS

Revisions:	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: FIRE PROTECTION - BUILDING 5 - FLOORS 1, 2 SPRINKLER PLANS

Approved Project Director

VA CONTRACT NO. 36C242-18-C-0004

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: - | Drawn: JVJ

Project Number: 561-14-106

Building Number: 5

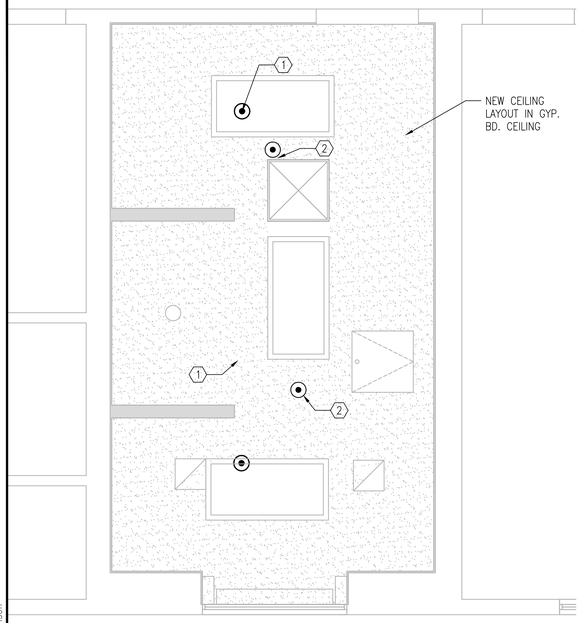
Drawing Number: FX101

Office of Construction and Facilities Management

VA Department of Veterans Affairs

K:\CDC_PROJECTS\2017\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-FX101_BLDG 5_SPRNK.dwg 1-12-20 07:47:34 PM Johnson

VA FORM 08-6231

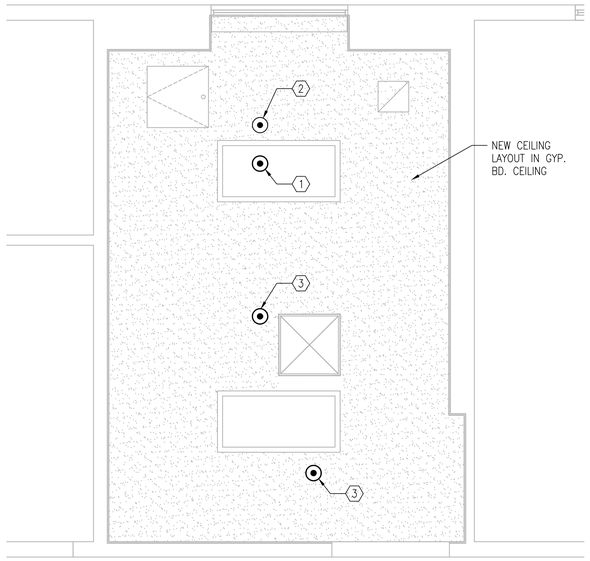


N

1

BUILDING 18 - 1st FLOOR MEN'S H.C. TOILET ROOM 18-118 SPRINKLER PLAN

1/2"=1'-0"

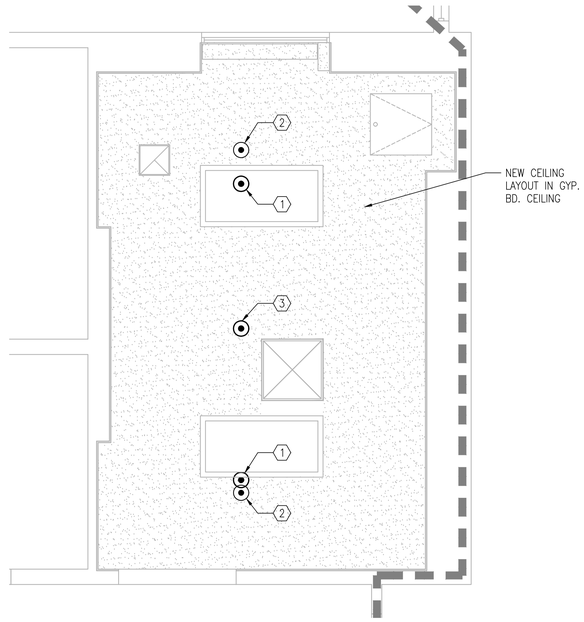


N

2

BUILDING 18 - 1st FLOOR MEN'S H.C. TOILET ROOM 18-144 SPRINKLER PLAN

1/2"=1'-0"



N

3

BUILDING 18 - 1st FLOOR WOMEN'S H.C. TOILET ROOM 18-157 SPRINKLER PLAN

1/2"=1'-0"

FIRE BARRIER LEGEND

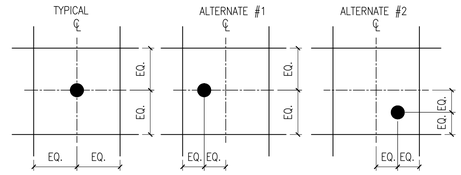
1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

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FIRE PROTECTION GENERAL NOTES

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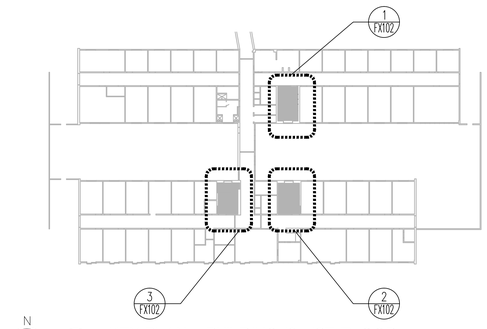
J. THE FIRE PROTECTION DRAWINGS ARE CONCEPTUAL, FOR GENERAL INFORMATION ONLY AND SHALL NOT BE CONSTRUED AS FINAL DESIGN OR INSTALLATION DOCUMENTS. THE SPRINKLER DESIGN AND INSTALLATION SHALL BE THE RESPONSIBILITY OF THE DESIGN BUILD FIRE PROTECTION CONTRACTOR, THIS INCLUDES THE RELOCATION OF SPRINKLER MAINS, BRANCH PIPING AND HEADS AS NECESSARYFOR THE NEW DESIGN. REFER TO SPECIFICATION FOR DESIGN CRITERIA.

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L. CONTRACTOR TO PROTECT EXISTING HEADS FROM DAMAGE, BY TURNING SPRINKLER HEADS UP DURING CONSTRUCTION.

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O. REFER TO SHEET FX501 FOR DETAILS.



N

KEY PLAN - BUILDING 18- 1ST FLOOR

NTS

KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. EXISTING SPRINKLER HEAD TO BE REMOVED.
2. NEW SPRINKLER HEAD. MODIFY PIING AS REQUIRED TO SERVE NEW SPRINKLER HEAD.
3. NEW SPRINKLER HEAD LOCATION IN SAME POSITION AS ORIGINAL HEAD TO BE REMOVED AND REPLACED.
4. EXISTING SIDEWALL SPRINKLER HEAD TO REMAIN. PROTECT DURING CONSTRUCTION.

VA CONTRACT NO. 36C242-18-C-0004

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: FIRE PROTECTION - BUILDING 18 - FLOOR 1 SPRINKLER PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: - | Drawn: JVJ

Project Number: 561-14-106

Building Number:

Drawing Number: FX102

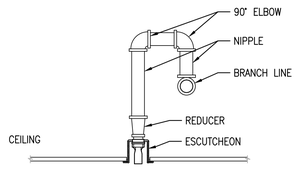
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

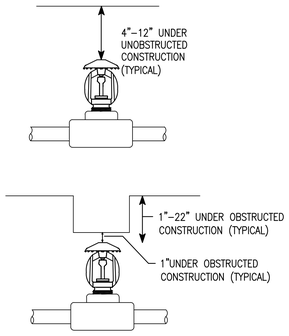
100% CONSTRUCTION DOCUMENTS FOR BID

three inches = one foot
one and one half inches = one foot
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one eighth inch = one foot
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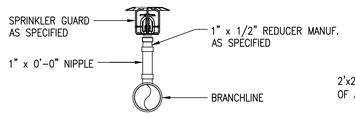


6 TYPICAL SEMI-RECESSED SPRINKLER RETURN BEND DETAIL
NTS

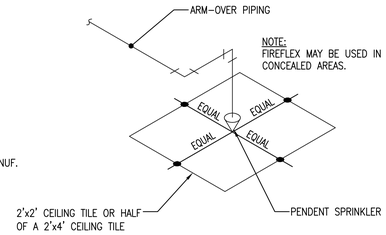
5 NOT USED



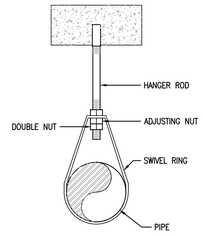
4 TYPICAL SPRINKLER HEAD LOCATION
NTS



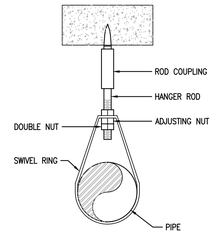
3 TYPICAL UPRIGHT SPRINKLER WITH WIRE GUARD DETAIL
NTS



2 TYPICAL CEILING SPRINKLER ARM OVER DETAIL
NTS



HANGER "A" EXPANSION ANCHOR



HANGER "B" POWER DRIVEN STUD

HANGER INSTALLATION REQUIREMENTS

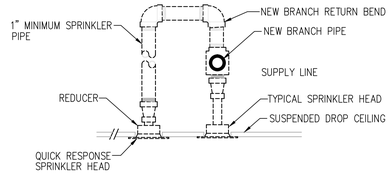
	MAXIMUM DISTANCE BETWEEN HANGERS							
NOMINAL PIPE SIZE	1"	1–1/4"	1–1/2"	2"	2–1/2"	3"	4"	6"
STEEL PIPE (EXCEPT TREADED LIGHT WALL)	12' 0"	12' 0"	15' 0"	15' 0"	15' 0"	15' 0"	14' 0"	15' 0"
STEEL PIPE TREADED LIGHT WALL	12' 0"	12' 0"	12' 0"	12' 0"	12' 0"	12' 0"	–	–

NOTES:

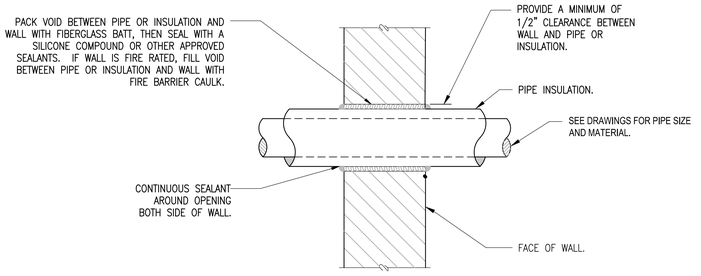
1. 100 PSI STATIC PRESSURE ON SYSTEM REQUIRES UP–LIFT RESTRAINT WITHIN 12 INCHES HORIZONTALLY OF HEAD FOR ARM–OVERS AND END OF BRANCH LINE
2. THE UNSUPPORTED LENGTH BETWEEN THE END SPRINKLER AND THE LAST HANGER ON THE LINE SHALL NOT EXCEED 36" FOR 1" PIPE, 48" FOR 1 1/4" PIPE AND 60" FOR 1 1/2" PIPE OR LARGER
3. THE CUMULATIVE HORIZONTAL LENGTH OF AN UNSUPPORTED ARMOVER TO A SPRINKLER, SPRINKLER DROP, OR SPRIG–UP SHALL NOT EXCEED 24"

*MANY CODES AND SPECIFICATIONS REQUIRE PIPE HANGERS TO BE SPACED EVERY 10 FT (3.05M) REGARDLESS OF SIZE. CHECK LOCAL CODES.

1 TYPICAL PIPE HANGER DETAILS
NTS



8 NEW BRANCH OVER SEMI-RECESS
NTS



7 PIPE PENETRATION OF INTERIOR WALL DETAIL
NTS

NOTES:

1. I.D. OF WALL OPENING TO BE A MIN. OF 1/2" LARGER THAN O.D. OF PIPE OR INSULATION PASSING THROUGH WALL.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THEIR WALL OPENINGS WITH OTHER TRADES AND/OR CONTRACTORS.
3. PIPE PENETRATIONS OF SMOKE OR FIRE WALLS SHALL BE IN COMPLIANCE WITH NFPA–90A.

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
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Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
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700 Nicholas Blvd. Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: FIRE PROTECTION - DETAILS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: - | Drawn: JVJ

Project Number: 561-14-106

Building Number: 1

Drawing Number: FX501

Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

A:\CCS_PROJECTS\2017\V7-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-FX501.dwg 1-12-20 07:50:45 PM Johnson
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one half inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
three inches = one foot

VA | U.S. Department of Veterans Affairs

PROJECT LOCATION:

VA NEW JERSEY HEALTH CARE SYSTEM
EAST ORANGE CAMPUS
385 Tremont Avenue,
East Orange, New Jersey 07018
973.676.1000

PROJECT TITLE:

UPGRADE BATHROOMS / DRINKING FOUNTAINS

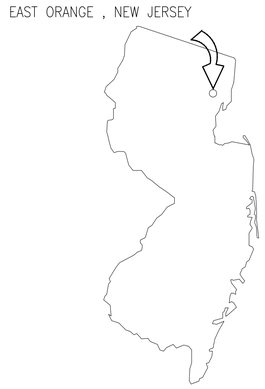
BUILDING NUMBER:

1, 5 & 18

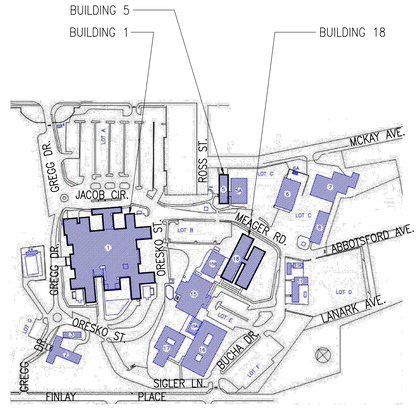
ARCHITECTS + ENGINEERS:

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700 NICHOLAS BLVD. SUITE 300
ELK GROVE VILLAGE, ILLINOIS 60007
847.952.9362
www.bancroft-ae.com

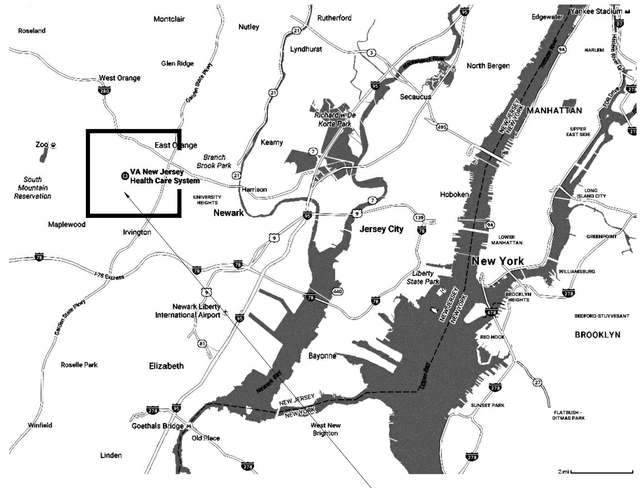
CONTRACT NO. 36C242-18-C-0004
STATION PROJECT NO. 561-14-106
BANCROFT-AE PROJECT NO. 17-113



NORTH
1 STATE LOCATION MAP
SCALE: N.T.S.



NORTH
3 CAMPUS MAP
SCALE: N.T.S.



2 REGIONAL LOCATION MAP
SCALE: 1" = APPROX. 1.6 MILES

VA NEW JERSEY EAST ORANGE CAMPUS

LICENSED ARCHITECT
DENNIS J KWA
001-011084
STATE OF ILLINOIS
1-13-2020
exp. 11-30-2020

exp. 11/30/2021
LICENSED PROFESSIONAL ENGINEER
LUIS B FERRER
062.040810
STATE OF ILLINOIS
01/06/2020

exp. 11/30/2021
LICENSED PROFESSIONAL ENGINEER
RAED HAMID
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STATE OF ILLINOIS
01/06/2020

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

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Bancroft-AE Project No. 17-113

Drawing Title: COVER SHEET

Approved Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number:

Drawing Number: G001

VA CONTRACT NO. 36C242-18-C-0004

Office of Construction and Facilities Management
VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

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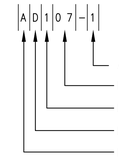
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ED102	112	ELECTRICAL - BUILDING 18- FLOOR 1 ELECTRICAL DEMOLITION PLANS
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SHEET IDENTIFICATION



DISCIPLINE DESIGNATOR (LEVEL 1)
IN DRAWING ORDER:
- G– GENERAL
- H– HAZARDOUS MATERIALS
- S– STRUCTURAL
- A– ARCHITECTURAL
- I– INTERIORS
- F– FIRE PROTECTION
- P– PLUMBING
- M– MECHANICAL
- E– ELECTRICAL

DISCIPLINE DESIGNATOR (LEVEL 2)
IN DRAWING ORDER:
- GI – GENERAL INFORMATION
- GC– GENERAL CONTRACT
- SD– STRUCTURAL DEMOLITION
- SF– STRUCTURAL FRAMING
- AD– ARCHITECTURAL DEMOLITION
- AC– ARCHITECTURAL CEILING
- AR– ARCHITECTURAL ROOF
- IF – INTERIOR FINISHES
- IQ– INTERIOR EQUIPMENT/ FURNITURE
- IG– INTERIOR SIGNAGE
- FX– FIRE PROTECTION SUPPRESSION
- PD– PLUMBING DEMOLITION
- PW– PLUMBING DOMESTIC WATER
- PS– PLUMBING SANITARY/STORM/VENT
- PG– MEDICAL GAS
- MD– MECHANICAL DEMOLITION
- MH– MECHANICAL HEATING/VENTILATION
- MP– MECHANICAL PIPING
- ED– ELECTRICAL DEMOLITION
- EF– FIRE PROTECTION DETECTION & ALARM
- EP– ELECTRICAL POWER
- EL– ELECTRICAL LIGHTING

DRAWING TYPE DESIGNATOR:
- 1– PLAN DRAWINGS
- 2– BUILDING ELEVATIONS
- 3– STRUCTURAL DEMOLITION
- 4– ENLARGED PLANS
- 5– DETAILS
- 6– SCHEDULES
- 7– DIAGRAMS
- 8– USER DEFINED
- 9– 3D REPRESENTATIONS/PHTOGRAPHS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

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Bancroft-AE Project No. 17-113

Drawing Title: SHEET INDEX

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number:

Drawing Number: G002

Office of Construction and Facilities Management

Department of Veterans Affairs

100% CONSTRUCTION DOCUMENTS FOR BID

VA FORM 08-6231

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
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GENERAL NOTES FOR CONTRACTORS

1. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ALL PUBLISHED APPLICABLE LOCAL / STATE / FEDERAL / NATIONAL CODES, ORDINANCES AND REGULATIONS ALONG WITH ALL RELATED VA DIRECTIVES, DESIGN GUIDES AND MANUALS, SPECIFICATIONS AND STANDARDS PLUS ALL VA REQUIREMENTS (FEDERAL AND LOCAL) THAT ARE PROJECT SPECIFIC TO THE DOCUMENTED SCOPE OF WORK ON THIS SITE.

2. EACH CONTRACTOR SHALL HAVE PUBLIC LIABILITY, PROPERTY DAMAGE AND WORKMAN'S COMPENSATION INSURANCE AS REQUIRED BY THE VA IN THE BIDDING DOCUMENTATION. CONTACT THE VA/CO DURING THE BIDDING PHASE WITH ANY QUESTIONS, VERIFICATIONS, AND DOCUMENTATION NECESSARY CONCERNING ALL REQUIREMENTS FOR PROJECT INSURANCE COVERAGE.

3. EACH CONTRACTOR PRIOR TO THE COMMENCEMENT OF WORK SHALL FULLY COORDINATE AND VERIFY WITH ALL OTHER CONTRACTORS, OTHER TRADES AND THE VA/COR CONCERNING ALL SPACE REQUIREMENTS FOR THIS PROJECT. THE GENERAL/PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR COMMUNICATING, DOCUMENTING AND COORDINATING ALL SPACE REQUIREMENTS WITH THE VA/COR TO AVOID CONFLICTS AND MISCOMMUNICATION.

4. BEFORE SUBMITTING A BID, ALL CONTRACTORS WILL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS SO AS TO BE THOROUGHLY FAMILIAR WITH ALL THE CONTRACT REQUIREMENTS. EACH BIDDER SHOULD THEN VISIT THE SITE OF THE WORK TO BECOME ACQUAINTED WITH ALL VISIBLE FIELD CONDITIONS AFFECTING THE CONTRACT, SUCH AS OBSTACLES WHICH MAY BE ENCOUNTERED AND ALL OTHER CONDITIONS RELATIVE TO WHAT COULD AFFECT/IMPACT THE WORK OR BE AFFECTED BY THE PERFORMANCE OF THE WORK.

5. IF AWARDED THE CONTRACT, THE CONTRACTORS SHALL NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON OF ANY UNFORESEEN DIFFICULTIES OR OBSTACLES WHICH THE BIDDER COULD HAVE REASONABLY ANTICIPATED PRIOR TO BIDDING. SHOULD ANY DISCREPANCIES, ERRORS, CONFLICT OR ITEMS NEEDING CLARIFICATION BE DISCOVERED IN THE PLANS AND/OR SPECIFICATIONS, THE CONTRACTOR SHALL NOTIFY THE VA/CO PRIOR TO SUBMITTING A BID AND THE VA/COR BEFORE STARTING ANY OF THE WORK.

6. CONTRACTORS SHALL REFERENCE ALL DRAWINGS IN ALL SECTIONS OF WORK FOR FULLY DEFINING THEIR SCOPE OF WORK RESPONSIBILITIES AND COORDINATE SAME WITH THE GENERAL/PRIME CONTRACTOR. SUBCONTRACTORS AND SUPPLIERS FOR EACH TRADE ARE ADVISED THAT INFORMATION PERTINENT TO THEIR SCOPE OF WORK ALSO OCCURS IN OTHER SECTIONS OF THE DRAWINGS AND THE COMPLETE SET OF CONTRACT DOCUMENTS.

7. DO NOT SCALE THE DRAWINGS. USE THE GIVEN DIMENSIONS. COORDINATE SHOP DRAWING REQUIREMENTS WITH ALL TRADES.

8. ALL ENGINEERING SYSTEMS WORK INCLUDED IN THE CONTRACT DRAWINGS SHALL BE TAKEN IN A SENSE AS A DIAGRAMMATIC REPRESENTATION OF ITS INTENDED PLACEMENT AND DISTRIBUTION WITHIN THE GENERAL PROXIMITY WHERE SHOWN. THE SIZE & MEANS OF RUNNING DISTRIBUTION SYSTEMS ARE SHOWN BUT IT IS NOT INTENDED TO SHOW EVERY CONNECTION, FITTING, OFFSET, SUPPORT ELEMENT, NOR EVERY STRUCTURAL DIFFICULTY THAT CAN BE ENCOUNTERED DURING THE INSTALLATION OF THE WORK.

9. OBTAIN ALL REQUIRED VA/COR AUTHORIZATIONS BEFORE BEGINNING ANY DEMOLITION WORK OR NEW CONSTRUCTION, INCLUDING TEMPORARY BARRICADES AND PROTECTION WORK. ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK WITHIN THE CAVHS FACILITIES MUST COMPLETE A 1 HR. CAVHS CONTRACTOR SAFETY TRAINING TO BE COORDINATED BY THE VA COR.

10. PROJECT LIMIT LINES ARE SHOWN ON THE DRAWINGS FOR ORIENTATION PURPOSES ONLY AND SHOULD NOT BE CONSTRUED TO INDICATE THE FULL EXTENT OR LIMITS OF THE AREA(S) OF WORK.

11. ALL EXISTING BUILDING UTILITIES AND INFRASTRUCTURE SERVICES SYSTEMS THAT FEED OTHER SPACES OUTSIDE THE PROJECT AREA AND THAT ARE LOCATED WITHIN THE AREA OF WORK, THEREBY INTERFERING WITH THE NEW CONSTRUCTION, SHALL BE REROUTED AND RELOCATED AS REQUIRED TO MAINTAIN FULL SERVICE TO THE AFFECTED AREAS.

12. ALL FINISHED AREAS ADJACENT TO OR INCLUDED WITHIN THE AREA(S) OF CONSTRUCTION ALONG WITH ALL PUBLIC PROJECT ACCESS ROUTES SHALL BE PROTECTED FROM DUST AND DIRT THROUGH THE USE OF VA/COR APPROVED DUSTPROOF PROTECTION. SEE THE OCCUPIED AREA PROTECTION PROTOCOLS PROVIDED IN THE "GENERAL" DRAWINGS SECTION AND COORDINATE ALL SITE-SPECIFIC CONDITIONS IMPACTS ENCOUNTERED WITH THE VA/COR.

13. EACH CONTRACTOR SHALL MAINTAIN A COMPETENT OSHA-30 FOREMAN OR DIRECT REPRESENTATIVE ON THE JOB AT ALL TIMES. THE CONTRACTOR SHALL COOPERATE WITH AND COORDINATE WITH THE SUPERINTENDENT AND FOREMAN OF OTHER TRADES IN ORDER THAT THERE BE NO DELAYS IN THE EXECUTION AND COMPLETION OF THE WORK. BEFORE CONSTRUCTION BEGINS, ALL WORKERS MUST HAVE OSHA-10 TRAINING.

14. DURING CONSTRUCTION EACH CONTRACTOR SHALL KEEP ON SITE ACCURATE FIELD RECORDS OF ALL CONCEALED WORK THAT DIFFERS FROM THE CONTRACT DRAWINGS. THESE AS-BUILT MARKED-UP RECORD DRAWINGS WILL BE KEPT UP TO DATE BY THE GENERAL/PRIME CONTRACTOR AND PROVIDED TO THE VA/COR FOR DISTRIBUTION AT THE COMPLETION OF THE PROJECT.

15. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO ADEQUATELY PROTECT EXISTING CONSTRUCTION AND FINISHES TO REMAIN IN PLACE DURING BOTH DEMOLITION AND CONSTRUCTION SEQUENCES OF THE WORK. ANY DAMAGE TO SUCH AREAS SHALL BE RESTORED AND REFINISHED TO A "LIKE-NEW" CONDITION PRIOR TO THE VA/COR'S ACCEPTANCE OF THAT WORK.

16. THE GENERAL/PRIME CONTRACTOR IS RESPONSIBLE FOR THE PATCH, REPAIR, REFINISHING AND/OR REPLACEMENT OF ALL CONSTRUCTION, MATERIALS, ASSEMBLIES, EQUIPMENT, SIGNAGE AND FINISHES DAMAGED BY THE PROJECT DEMOLITION, TEMPORARY CONSTRUCTION, NEW CONSTRUCTION OR THE MOVEMENT OF PERSONNEL, TOOLS, EQUIPMENT, MATERIALS, ETC. BOTH INSIDE AND OUTSIDE OF THE DESIGNATED AREAS OF WORK.

17. PROVIDE THE CUTTING AND PATCHING FOR ALL DEMOLITION WORK AND ALL NEW CONSTRUCTION WORK BEING PERFORMED OUTSIDE OF THE PROJECT LIMIT LINES AS REQUIRED TO PROPERLY COMPLETE THE PROJECT SCOPE OF WORK.

18. ALL CUTTING, CORING AND DRILLING OF EXISTING CONCRETE AND MASONRY CONSTRUCTION SHALL NOT DAMAGE EXISTING REINFORCING STEEL, PIPING, CONDUITS OR OTHER CONCEALED CONSTRUCTION WITHIN. PRIOR TO CORING, DRILLING, CUTTING OR PERFORMING ANY BREAKING EFFORTS, PROVIDE PENETRATING FIELD X-RAYING OF THE INTENDED AREAS AND DOCUMENT THE EXACT SIZE AND LOCATIONS OF ALL SUCH INTERFERENCES. COORDINATE WITH AND OBTAIN VA/COR APPROVAL BEFORE PROCEED WITH ANY SUCH REQUIRED PENETRATIONS WORK.

19. RELOCATIONS OF ANY INFRASTRUCTURE DISTRIBUTION SYSTEMS OR EQUIPMENT, WHICH MAY ALTER THE ARCHITECTURAL OR STRUCTURAL CONSTRUCTION, MUST BE APPROVED FIRST BY THE VA/COR PRIOR TO STARTING ITS RELOCATION.

20. THE GENERAL/PRIME CONTRACTOR IS RESPONSIBLE TO PROVIDE THE REMOVAL OF ALL CONSTRUCTION DEMOLITION DEBRIS, SPOIL AND MATERIALS FROM THE PROJECT SITE ON A DAILY BASIS UNLESS SPECIFICALLY REFERENCED OTHERWISE IN THE PROJECT SPECIFIC LOGISTICAL SEQUENCING REQUIREMENTS. ANY DEMOLITION DEBRIS TRANSPORTED THROUGH HOSPITAL MUST BE IN A COVERED RECEPTACLE.

21. CONTRACTORS TO ENSURE ALL FIRE RESISTIVE RATINGS ARE MAINTAINED PER LOCATIONS SHOWN ON THE DRAWINGS. ALL PENETRATIONS ARE TO BE SEALED BY AN APPROVED UL FIRESTOPPING SYSTEM. SEAL ALL EXISTING PENETRATIONS EXPOSED DURING CONSTRUCTION AS PER THE APPROVED UL FIRESTOPPING SYSTEM INSTALLATION REQUIREMENTS. FOLLOW THE MANUFACTURE'S DESIGN RECOMMENDATIONS FOR THE PROPER FIRE STOPPING MATERIAL TO BE USED IN EACH SPECIFIC APPLICATION.

22. ALL FIRESTOPS SHALL MATCH THE FIRE RATING OF THE CONSTRUCTION BEING PENETRATED, SUCH AS WALLS, FLOORS, CEILINGS, PARTITIONS ETC. AND SHALL COMPLY WITH ALL CODE REQUIREMENTS. USE ONLY A SINGLE (FMRC) APPROVED MANUFACTURERS LINE OF PRODUCTS FOR ALL PROJECT FIRESTOPPING. THE BOD FOR ALL FIRE STOPPING WILL BE ALL PRODUCTS AS MANUFACTURED BY THE 3M COMPANY.

23. PROVIDE AN HOURLY RATED FIRESTOP AT ALL PENETRATIONS OF RATED CONSTRUCTION AND/OR ASSEMBLIES, WHETHER NEW OR EXISTING, AND/OR AS A DIRECT RESULT OF THE PROJECT DEMOLITION WORK OR NEW CONSTRUCTION. WHERE COMBUSTIBLE PENETRANTS OCCUR USE A FIRE RATED INTUMESCENT MATERIAL AND WHERE NONCOMBUSTIBLE PENETRANTS OCCUR USE A FIRE RATED ENDOTHERMIC MATERIAL. ALL FIRESTOPPING WORK MUST BE APPROVED BY THE VA/COR BEFORE CONCEALED BY CONSTRUCTION.

24. EACH CONTRACTOR SHALL BE VETTED BY VA SECURITY AND EACH WORKER WILL HAVE THEIR ID ISSUED BY VA. ISSUED ID MUST BE WORN AT ALL TIMES.

SPECIAL SAFETY NOTES

1. ALL CONTRACTORS, SUBCONTRACTORS AND THEIR REPRESENTATIVES WORKING ON THIS PROJECT SHALL AT ALL TIMES PRIOR TO AND DURING THE COURSE OF THEIR ACTIVITY BE RESPONSIBLE FOR THE SAFETY OF THEIR EMPLOYEES, ALL OTHERS AND ARE TO BE IN CARE OF THE PROPERTY. SUBMIT SAFETY PLAN.

2. EACH CONTRACTOR OR SUBCONTRACTOR, AS REPRESENTATIVES OF THEIR EMPLOYEES, SHALL ASCERTAIN THAT THE CONDITIONS UNDER WHICH THEY WILL BE REQUIRED TO ACCOMPLISH THEIR WORK ARE SAFE AND MEET ALL APPLICABLE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HAZARD ACT, ALONG WITH ALL OTHER APPLICABLE GOVERNING REGULATIONS AND VA REQUIREMENTS.

3. THE BEGINNING OF WORK ON SITE BY A CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE HIS/HER SATISFACTION AND FULL ACCEPTANCE OF THE CURRENT SITE CONDITIONS REGARDING SAFETY AND THE NECESSARY COMPLIANCE WITH ALL CONTRACT REQUIREMENTS REGARDING SAME. THE CONTRACTOR ACCEPTS FULL RESPONSIBILITY FOR ANY ACCIDENTS, INJURIES, AND/OR DAMAGES INCURRED AS A RESULT OF ANY VISIBLE OR KNOWN UNSAFE CONDITIONS THAT EXIST.

4. IF UNSATISFIED WITH THE CURRENT SITE SAFETY CONDITIONS AND/OR THE NECESSARY COMPLIANCE, THE CONTRACTOR OR SUBCONTRACTOR SHALL INDICATE THE ACTIONS AND/OR DEVICES NECESSARY TO RENDER THE JOB-SITE SAFE. IF THE WORK OF OTHER PARTIES, UPON INSPECTION, IS FOUND AT ANY TIME TO BE UNSAFE THE CONTRACTOR OR SUBCONTRACTOR SHALL IMMEDIATELY STOP ALL WORK AND NOTIFY THE GENERAL/PRIME CONTRACTOR AND THE VA/COR. THE SUBMISSION OF A BID FOR ANY PORTION OF WORK INCLUDED IN THIS CONTRACT SHALL ALSO INDICATE ACKNOWLEDGMENT AND ACCEPTANCE OF THESE REQUIREMENTS.

BASIS OF DESIGN (BOD) COMPLIANCE PROTOCOLS

INTENT:

1. TO ORGANIZE AND IDENTIFY THE "EQUIVALENCY SUBSTITUTION PROCESS" IN ORDER TO FORMALIZE THE PROCESS, CLARIFY RESPONSIBILITIES, PROACTIVELY MANAGE THE PROCESS AND MINIMIZE COSTLY DELAYS IN THE EXECUTION OF THE WORK.

2. THERE ARE NO INTENDED RESTRICTIONS LIMITING COMPETITION ON THE EQUIVALENT SUBSTITUTION OF MATERIALS, EQUIPMENT, HARDWARE, FINISHES, CONTROLS, SYSTEMS AND THEIR INCLUSIVE PARTS, DETAILED ASSEMBLIES, RELATED DESIGN ELEMENTS AND PERFORMANCE CHARACTERISTICS, UNLESS AS IDENTIFIED IN THE BID SOLICITATION.

SUMMARY DESCRIPTION::

1. THE BASIS OF DESIGN (BOD) INCORPORATES THE DESIGN INTENT AND PERFORMANCE BASED CHARACTERISTICS FOR ALL MATERIALS, SYSTEMS AND WORKMANSHIP THAT IS INCLUDED IN THE CONSTRUCTION DOCUMENTS AND REFERENCED BY SAME.

2. THE BOD COMPLIANCE PROTOCOLS ARE TO BE FOLLOWED FOR ALL PROPOSED EQUIVALENT SUBSTITUTIONS, DEPARTURES OR ADJUSTMENTS FROM THE CONSTRUCTION DOCUMENT DRAWINGS, DETAILING, AND SPECIFICATIONS, PROVIDED THE SUBSTITUTIONS, DEPARTURES OR ADJUSTMENTS MEET THE DESIGN INTENT, SCOPE OF WORK (SOW) CRITERIA REQUIREMENTS, AND PERFORMANCE BASED CHARACTERISTICS.

3. NO SUCH EQUIVALENT SUBSTITUTION, DEPARTURES OR ADJUSTMENTS WILL BE ALLOWED WITHOUT FIRST GOING THROUGH THE BOD COMPLIANCE PROTOCOLS PROCESS AND OBTAINING THE GOVERNMENT'S APPROVAL FROM THE CONTRACTING OFFICER (CO).

BOD COMPLIANCE PROTOCOLS:

1. THE BOD COMPLIANCE PROTOCOLS APPLY TO ALL MATERIALS, EQUIPMENT, HARDWARE, FINISHES, CONTROLS, ENGINEERING SYSTEMS AND THEIR INCLUSIVE PARTS, DETAILED ASSEMBLIES, IMPACTED ELEMENTS OF WORK PLUS ALL RELATED DESIGN CRITERIA ELEMENTS AND SPECIFIED PARAMETERS THAT ARE CONTAINED WITHIN THE BID/ISSUED FOR CONSTRUCTION DRAWINGS AND SPECIFICATIONS DOCUMENTATION, OR AS SPECIFICALLY REFERENCED BY SAME.

2. SPECIFIC DESIGN INTENT AND PERFORMANCE CHARACTERISTICS REQUIRING BOD COMPLIANCE ANALYSIS WILL VARY WITH EACH SPECIFIC ITEM BEING PROPOSED AS AN EQUIVALENT SUBSTITUTION AND WILL NEED TO BE FULLY COMPARED AND ANALYZED TO ESTABLISH BOD EQUIVALENCY COMPLIANCE.

3. CRITICAL DESIGN CHARACTERISTICS AND ELEMENTS ARE SPECIFIC TO EACH ITEM NEEDING CONSIDERATION AND COULD CONSIST OF, BUT NOT LIMITED TO, CRITERIA SUCH AS DIMENSIONAL LOGISTICS, PERFORMANCE CHARACTERISTICS, CAPACITY, DUTY REQUIREMENTS, OPERATIONAL EFFICIENCIES, ACOUSTICAL REQUIREMENTS, UTILITIES IMPACTS, CONNECTION VARIANCES, DETAILING DEVIATIONS, FRAMING MODIFICATIONS, ROUGH IN REQUIREMENTS, WEIGHT INCREASES AND/OR DISTRIBUTIONS, STRUCTURAL IMPACTS, ATTACHMENTS, SUPPORTS, FINISHES, AVAILABILITY, COMPATIBILITY, CONSTRUCTABILITY, WARRANTIES, SERVICE LIFE, MAINTENANCE REQUIREMENTS, ENVIRONMENTAL CONSIDERATIONS, LEED RELATED DESIGN CONSIDERATIONS, ETC.

4. A VERY CRITICALLY IMPORTANT DESIGN CHARACTERISTIC OF ALL BOD ITEMS NEEDING TO BE FULLY EVALUATED AND PROPERLY COORDINATED WOULD BE THE DESIGN AND LAYOUT OF DIMENSIONAL LOGISTICS REQUIREMENTS. THOSE CRITICAL PARAMETERS COULD CONSIST OF, BUT NOT LIMITED TO, ALL DIMENSIONAL ELEMENTS THAT AFFECT SIZE, HEIGHT, WIDTH, DEPTH, THICKNESS, PLACEMENT, SPACING, CLEARANCES, ACCESS, MOUNTING, CONNECTIONS AND LOCATION REQUIREMENTS, INSTALLATION TOLERANCES, OPERABLE ELEMENT CLEARANCES, ETC., ALL OF WHICH COULD IMPACT OTHER AREAS OF CONSTRUCTION OR COMPONENTS OF WORK REQUIRING ADJUSTMENTS IN ORDER TO COMPLY WITH THE DESIGN INTENT.

5. CONTRACTORS WILL BE RESPONSIBLE TO FULLY IDENTIFY ALL PROPOSED EQUIVALENT SUBSTITUTIONS, DEPARTURES, IMPACTS ALTERATIONS AND ADJUSTMENTS FROM THE "BASIS OF DESIGN" INTENT TO THE GENERAL/PRIME CONTRACTOR DURING THE BIDDING PROCESS AND OBTAIN THEIR APPROVAL BEFORE COMPLETING THEIR PRICING AND SUBMITTING A BID TO SAME.

6. IF A PROPOSED EQUIVALENT SUBSTITUTION ITEM WILL REQUIRE THAT ALTERATIONS AND/OR ADJUSTMENTS NEED TO BE MADE, TO THE WORK OF THE PROVIDING CONTRACTOR, THE WORK OF OTHER CONTRACTORS OR THE WORK OF THE VA, THE SUBMITTING CONTRACTOR SHALL BE FULLY RESPONSIBLE TO INFORM AND ADVISE THE GENERAL/PRIME CONTRACTOR OF ANY AND ALL SUCH NECESSARY IMPACTS REQUIRED AS A PART OF THEIR BIDDING AND FUTURE CONTRACTUAL SCOPE OF WORK RESPONSIBILITIES.

7. THE CONTRACTOR PROPOSING THE EQUIVALENT SUBSTITUTION SHALL BE RESPONSIBLE FOR ALL RELATED WORK AND SHALL IDENTIFY, VERIFY, COORDINATE AND PROVIDE ENGINEERED SOLUTIONS FOR ALL IMPACT ISSUES AFFECTING INFRASTRUCTURE SYSTEMS, UTILITIES SERVICES, BUILDING STRUCTURE, SURROUNDING ELEMENTS, AND SYSTEMS AFFECTED FROM WEIGHT DIFFERENTIALS, REVISED LOADING CHARACTERISTICS, CONNECTION AND MOUNTING VARIANCES, INSTALLATION CONFLICTS AND DETAILING ALTERATIONS OR ADJUSTMENTS, ETC. CAUSED BY THE EQUIVALENT SUBSTITUTION REQUIREMENTS.

8. SPECIAL ATTENTION NEEDS TO BE PAID TO ANY SYSTEMS EQUIPMENT AND MATERIAL PERFORMANCE CHARACTERISTICS INCLUDING ALL ASPECTS OF THEIR DIMENSIONAL LOGISTICS FEATURES AND REQUIREMENTS ALONG WITH ANY STRUCTURAL AND UTILITIES IMPACTS.

9. EACH EQUIVALENT SUBSTITUTION REQUEST ALONG WITH ANY AND ALL IMPACTS, VARIANCES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO OTHER ELEMENTS OF WORK WILL ALSO REQUIRE VA/CO APPROVAL(S) BEFORE ANY SUCH REQUEST IS DEEMED APPROPRIATE BY THE GOVERNMENT AND ALLOWED TO PROCEED INTO THE NORMAL SHOP DRAWING PREPARATION, SUBMITTAL AND REVIEW PROCESS.

10. NO REQUEST FOR AN EQUIVALENT SUBSTITUTION REVIEW IS ALLOWED TO BE MADE VIA A SHOP DRAWING SUBMISSION. ANY SUCH SUBMISSION WILL NOT BE REVIEWED AND WILL BE REJECTED AS NON-CONFORMING WITH THE DESIGN INTENT AND NOTED THAT THE CONTRACTOR IS TO FOLLOW THE STANDARD BOD COMPLIANCE PROTOCOLS.

11. ANY UNDOCUMENTED OR UNFORESEEN IMPACT, VARIANCES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO ELEMENTS OF WORK AS A RESULT OF AN EQUIVALENCY SUBSTITUTION THAT SURFACE DURING THE CONSTRUCTION PHASE SHALL IMMEDIATELY BE MADE KNOWN TO THE GENERAL/PRIME CONTRACTOR WHO WILL IN TURN NOTIFY THE VA/COR. ALL SUCH UNDOCUMENTED OR UNFORESEEN CONDITIONS WILL BE FULLY IDENTIFIED, DOCUMENTED AND SUBMITTED TO THE VA/COR FOR REVIEW, EVALUATION AND DIRECTION(S) ON HOW TO PROCEED.

12. ANY NON-COMPLIANT EQUIVALENT SUBSTITUTIONS WORK FOUND TO BE IN PLACE DURING THE CONSTRUCTION PHASE THAT HAD NOT GONE THROUGH THE BOD COMPLIANCE PROTOCOLS APPROVAL PROCESS AND THAT DOESN'T HAVE THE VA/CO'S APPROVAL WILL BE SUBJECT TO POSSIBLE REJECTION AND REMOVAL AS DETERMINED BY THE GOVERNMENT.

13. THE FINAL INSTALLATION OF ANY EQUIVALENT SUBSTITUTION AND ITS IMPACTS SHALL NOT COMPROMISE ANY OF THE BOD PERFORMANCE CHARACTERISTICS NOR SHALL IT ENCUMBER ANY OF THE ASSOCIATED DESIGN INTENT LAYOUT AND DIMENSIONAL LOGISTICS REQUIREMENTS.

14. ALL EQUIVALENT SUBSTITUTION INSTALLATIONS AND THEIR IMPACTS TO OTHER SOW ELEMENTS SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES, REGULATIONS AND VA REQUIREMENTS, PLUS ALLOW ANY SYSTEMS, EQUIPMENT AND/OR MATERIALS TO FUNCTION PROPERLY AND SAFELY.

BOD EQUIVALENT SUBSTITUTIONS PROCESS SEQUENCE:

(STEP 01) BIDDING PHASE:

1. ALL BOD PROPOSED EQUIVALENT SUBSTITUTIONS AND THEIR ASSOCIATED IMPACTS ON OTHER SOW ELEMENTS, SHALL BE FULLY IDENTIFIED AND COORDINATED WITH THE GENERAL/PRIME CONTRACTOR(S) SUCH THAT THE COST OF ALL ASSOCIATED SCOPE OF WORK IMPACTS DIRECTLY AFFECTING OTHER TRADES SHALL BE INCLUDED IN THE BASE BIDS OF ALL AFFECTED CONTRACTORS.

(STEP 02) CONTRACTORS IDENTIFY PROPOSED EQUIVALENT SUBSTITUTION(S):

1. ALL CONTRACTORS, BEFORE SUBMITTING THEIR REQUEST FOR EQUIVALENT SUBSTITUTION CONSIDERATION SHALL BE RESPONSIBLE TO HAVE FULLY VERIFIED AND CERTIFIED IN WRITING THAT THE DESIGN CHARACTERISTICS OF THE ITEMS THEY WILL BE SUBMITTING FOR BOD COMPLIANCE REVIEW MEETS OR EXCEEDS THE DESIGN INTENT AND PERFORMANCE REQUIEMENTS AS DESIGNED, DETAILED AND SPECIFIED.

(STEP 03) CONTRACTORS PREPARE DETAILED COMPARISONS:

1. THE REQUESTING CONTRACTOR SHALL PREPARE AND PROVIDE TO THE GENERAL/PRIME CONTRACTOR A FULL LINE ITEM, SIDE-BY-SIDE COMPARISON LISTING SPREAD SHEET OF ALL BOD DESIGN AND MANUFACTURED CHARACTERISTICS VERSUS THE SAME FOR THE EQUIVALENT SUBSTITUTION BEING PROPOSED.

2. ALL EQUIPMENT, MATERIALS OR ASSEMBLY EQUIVALENT SUBSTITUTIONS SHALL BE PROVIDED ON A CONTACTOR PREPARED ITEMIZED LISTING PER EACH REQUESTED SUBSTITUTION WITH A FULL AND DETAILED COMPARATIVE DESCRIPTION OF ALL SPECIFICATIONS, PERFORMANCE CHARACTERISTICS, CAPACITIES, WEIGHT, DIMENSIONAL LOGISTICS AND KNOWN IMPACTS, DEPARTURES, ALTERATIONS OR ADJUSTMENTS FROM THE ORIGINAL BOD.

3. CONTRACTOR SHALL UTILIZE THE ORIGINAL MANUFACTURER'S PUBLISHED SPECIFICATIONS AND PRODUCT DATA SHEETS ALONG WITH ANY ADDITIONAL CHARACTERISTICS AND PERFORMANCE CRITERIA REQUIRED AND SPECIFIED IN THE CONSTRUCTION DOCUMENTS AS THE BASIS FOR THE DEVELOPMENT OF THE LINE BY LINE COMPARISON CRITERIA SPREAD SHEET.

(STEP 04) CONTRACTORS IDENTIFY RELATED IMPACTS:

1. THE REQUESTING CONTRACTOR SHALL BE RESPONSIBLE TO FULLY IDENTIFY AND DOCUMENT ALL PROPOSED EQUIVALENT SUBSTITUTION CAUSED IMPACTS, DEPARTURES, ALTERATIONS OR ADJUSTMENTS REQUIRED FROM THE ORIGINAL BOD REQUIREMENTS WITH THE GENERAL/PRIME CONTRACTOR AS WELL AS ALL AFFECTED CONTRACTORS.

2. SEE THE DETAILED BOD PROTOCOL REQUIREMENTS FOR THE EXTENT OF RESPONSIBILITIES AND DOCUMENTATION REQUIRED FOR THIS CRITICAL ITEM.

(STEP 05) CONTRACTOR'S DOCUMENTATION TO GENERAL/PRIME CONTRACTOR:

1. CONTRACTORS SHALL COORDINATE WITH THE GENERAL/PRIME CONTRACTOR AS TO THE SPECIFIC DATE THAT EACH IS REQUIRED FOR THE COMPLETION OF THEIR EQUIVALENT SUBSTITUTION SUBMISSION REQUEST DOCUMENTATION AND DELIVERY OF THE COMPLETED PACKAGE(S) TO THEM.

2. CONTRACTORS SHALL FULLY COORDINATE THEIR PREPARATION OF ALL REQUIRED DOCUMENTATION AND EQUIVALENCY SUBSTITUTION REQUIREMENTS WITH THE GENERAL/PRIME CONTRACTOR IN ORDER TO ADDRESS ANY AND ALL IMPACTS ON THE PROJECT SCHEDULE AS WELL AS PERFORMING THEIR REQUIRED FORMALIZED REQUEST FOR EQUIVALENCY SUBSTITUTION SUBMISSION.

3. ALL EQUIVALENT SUBSTITUTION REQUESTS ALONG WITH THEIR REQUIRED SUBMISSION REQUEST DOCUMENTATION SHALL BE DELIVERED TO THE GENERAL/PRIME CONTRACTOR AS REQUIRED BY SAME IN TIME FOR THE GC'S FIRST SUBMISSION OF THE PROPOSED PROJECT CONSTRUCTION SCHEDULE BEING SUBMITTED TO THE GOVERNMENT FOR REVIEW.

(STEP 06) GENERAL/PRIME CONTACTOR RESPONSIBLE FOR COORDINATION:

1. THE GENERAL/PRIME CONTRACTOR SHALL BE RESPONSIBLE TO FULLY IDENTIFY, DOCUMENT, MAKE SUBMISSIONS, TRACK, COORDINATE, OBTAIN CONTRACTING OFFICER (CO) APPROVALS AND INCLUDE THE COST OF ALL SUCH EQUIVALENT SUBSTITUTIONS, WORK IN THEIR COST OF CONSTRUCTION AS WELL AS ALLOWED FOR WITHIN THEIR PROJECT SCHEDULE.

2. THE GENERAL/PRIME CONTRACTOR HAVING BEEN MADE FULLY AWARE OF POTENTIAL EQUIVALENCY SUBSTITUTIONS AND IMPACTS DURING THE BIDDING PROCESS SHALL INCLUDE AND DOCUMENT THIS BOD PROCESS IN THEIR DETAILED PROJECT SCHEDULE ALLOWING A SEPARATE TASK ITEM TIMELINE FOR EACH WITH CRITICAL DATES AND PERFORMANCE TARGETS IDENTIFIED AND TRACKED.

3. THE GENERAL/PRIME CONTRACTOR SHORTLY AFTER CONTRACT AWARD AND EXECUTION SHALL NOTIFY AND COORDINATE WITH THE VA/COR, ALL SUCH KNOWN EQUIVALENT SUBSTITUTION REQUESTS ALONG WITH ALL POSSIBLE IMPACTS FROM THE SPECIFIC BOD REQUIREMENTS PROVIDED IN THE DRAWINGS AND SPECIFICATIONS.

4. ALL SUCH IMPACTS, DEPARTURES, ALTERATIONS OR ADJUSTMENTS REQUIRED TO ELEMENTS OF WORK WILL BE FULLY IDENTIFIED, DOCUMENTED AND SUBMITTED TO THE VA/COR FOR REVIEW, EVALUATION AND DIRECTION(S) ON HOW TO PROCEED.

5. THE GENERAL/PRIME CONTRACTOR WILL ALSO BE RESPONSIBLE TO FULLY IDENTIFY AND COORDINATE ALL EQUIVALENCY SUBSTITUTION IMPACTS WITH ALL AFFECTED CONTRACTORS AND TRADES TO BE SURE THAT ALL SUCH WORK IS INCLUDED IN THE SCOPE OF WORK.

(STEP 07) TRACKING LIST OF PROPOSED EQUIVALENT SUBSTITUTIONS:

1. THE SUCCESSFUL GENERAL/PRIME CONTRACTOR SHALL PREPARE A COMPLETE MASTER LISTING, BY SPECIFICATION AND/OR DRAWING SECTIONS, OF ALL PROPOSED EQUIVALENT SUBSTITUTION REQUESTS.

2. THIS MASTER LISTING WILL CONSIST OF A SUMMARY DESCRIPTION OF EACH REQUEST ALONG WITH A BULLET POINT LISTING OF THE MAJOR IMPACTS, DEPARTURES, ALTERATIONS AND ADJUSTMENTS REQUIRED RESULTING FROM IT.

3. THIS DOCUMENT WILL BE PREPARED AS A SPREAD SHEET AND UTILIZED AS A TRACKING TOOL FOR DOCUMENTING ALL SIGNIFICANT ASSOCIATED DATES, ACTION ITEMS, CURRENT STATUS, REJECTIONS, RESUBMISSIONS, APPROVALS AND ADDITIONAL PERTINENT ISSUES AND ITEMS TO BE RECORDED AND TRACKED AS REQUIRED BY THE VA/COR.

(STEP 08) EQUIVALENCY REQUEST(S) SUBMITTED TO VA

1. THE SUCCESSFUL GENERAL/PRIME CONTRACTOR SHALL SUBMIT TO THE VA/COR FOR PRELIMINARY REVIEW A MASTER SUMMARY LISTING OF ALL EQUIVALENT SUBSTITUTION REQUESTS WITH ANY/ALL IMPACTS IDENTIFIED A MINIMUM OF TWO WEEKS PRIOR TO THE FIRST SUBMISSION OF THEIR PROJECTED PROJECT SCHEDULE.

2. A SEPARATE FULLY DETAILED SUBMISSION DOCUMENTATION PACKAGE SHALL BE PREPARED FOR EACH SUBSTITUTION REQUEST AND WILL CONSIST OF STEPS NUMBER 2, 3, 4, & 5 ALONG WITH ANY ADDITIONAL PERTINENT INFORMATION DEEMED NECESSARY SUCH AS SKETCHES, DETAILED DRAWINGS, ENGINEERING DESIGN AND CALCULATIONS, MORE DETAILED DESCRIPTIONS, ETC. THIS SUBMISSION DOCUMENTATION PACKAGE SHALL BE SUBMITTED WITH THE FIRST SUBMISSION OF THEIR PROJECTED PROJECT SCHEDULE TO THE VA/COR.

(STEP 09) VA REVIEW AND ACTION NOTIFICATION:

1. THE VA/COR SHALL REVIEW EACH SUBSTITUTION REQUEST PACKAGE AND TAKE SUCH ACTION AS DEEMED NECESSARY ON EACH. SUCH ACTION COULD CONSIST OF REJECTION, APPROVAL OR DIRECTION ON PROVIDING MORE DETAILED INFORMATION AND/OR CLARIFICATION(S) ON EACH SUBMISSION AND/OR EACH IMPACT.

2. AS PART OF THE VA'S REVIEW PROCESS THE AE WILL ALSO BE INCLUDED IN A SIMILAR FASHION TO THE SHOP DRAWING REVIEW PROCESS AND SHALL CONSULT WITH THE VA/COR AND PROVIDE A RECOMMENDATION FOR THE VA'S CONSIDERATION.

3. THE A/E WILL REJECT IMMEDIATELY WITHOUT REVIEWING ANY SUBMITTAL THAT IS DEEMED INCOMPLETE AND NOT IN COMPLIANCE WITH THE BOD PROTOCOLS COMPLIANCE REQUIREMENTS.

4. IT SHOULD BE NOTED THAT IT IS NOT THE VA'S OR THE A/E'S RESPONSIBILITY TO RESEARCH, DOCUMENT AND PROVE EQUIVALENCY, THAT IS THE REQUESTING/SUBMITTING CONTRACTOR'S RESPONSIBILITY AS PER THESE PROTOCOLS. THE AE'S RESPONSIBILITY IS TO REVIEW AND ANALYZE THE DETAILED COMPARATIVE DOCUMENTATION AS PROVIDED AND ADVISE THE VA/COR ON WHAT WAS SUBMITTED.

(STEP 10) VA APPROVAL ALLOWS SHOP DRAWING PROCESS TO BEGIN:

1.

OCCUPIED AREA PROTECTION PROTOCOLS

WHEN PERFORMING WORK (DEMOLITION OR NEW) IN OCCUPIED SPACES, THE FOLLOWING PROTECTION PROTOCOLS WILL BE FOLLOWED ON A DAILY BASIS UNLESS MODIFIED IN WRITING BY THE COR ON A CASE BY CASE BASIS:

1. CAREFULLY MOVE/RELOCATE ANY SIGNAGE, WALL HUNG ITEMS, BLINDS, CURTAINS, ETC. THAT ARE IN THE AREA/ZONE WHERE THE WORK IS TO BE ACCOMPLISHED AND IN DANGER OF BEING DAMAGED BY THE PERFORMANCE OF THE WORK, INCLUDING DAMAGE THAT CAN BE CAUSED BY FALLING OBJECTS, DUST OR MOISTURE. NOTE: THIS ALSO APPLIES TO THE DIRECT ACCESS ROUTE THRU THE OCCUPIED AREA TO AND FROM THE ACTUAL WORK AREA/ZONE. NOTE: THE VA WILL BE RESPONSIBLE TO MOVE/RELOCATE ANY FURNITURE, EQUIPMENT, BOXES, FILES, USER BELONGINGS, ETC. THAT WOULD BE IN THE AREA OF WORK AND OBSTRUCT/INTERFERE WITH THE PERFORMANCE OF THE CONTRACTOR'S WORK. COORDINATE ALL REQUIRED VA RELOCATIONS WITH VA/COR.
2. CAREFULLY PROVIDE FULL PROTECTIVE DUST, MOISTURE AND DAMAGE PREVENTION BARRIERS/COVERS FOR ALL SUCH ITEMS ADDRESSED ABOVE INCLUDING THE ADDITIONAL PROTECTION OF ALL WALL SURFACES/FINISHES, WINDOWS/GLAZING, DOORS, FRAMES, HARDWARE, CARPETING, FLOOR COVERINGS, WALL BASE, CEILING CONSTRUCTION, TILE, GRID, WALL ANGLES, LIGHT FIXTURES, DIFFUSERS, GRILLES, ETC.
3. FLOOR FINISHES SHALL BE PROTECTED THROUGHOUT THE AREA WITH A 6 MIL HEAVY DUTY REINFORCED, FIRE-RETARDANT, POLY SHEETING (VISQUEEN) TEMPORARY TARPAULIN(S)/DROP CLOTH(S) AS A MINIMUM FOR DUST, MOISTURE AND VERY LIGHT FOOT TRAFFIC PROTECTION
4. ALL MAIN TRAFFIC AREAS TO AND FROM , ALONG WITH INSIDE THE WORK ZONE/AREAS, SHALL HAVE ADDITIONAL PROTECTION PROVIDED OVER THE 6 MIL HEAVY DUTY REINFORCED, FIRE-RETARDANT, POLY SHEETING (VISQUEEN), IN THE FORM OF FULL SHEETS OF 3/8" DRYWALL 4'X8' PANELS. ALL PANELS SHALL BE FIRMLY HELD TOGETHER AND SECURED IN PLACE VIA THE USE OF AN INDUSTRY APPROVED 2" HEAVY DUTY CONSTRUCTION ADHESIVE TAPE, INTENDED FOR THIS APPLICATION NOTE: ALL BOARD TO BOARD JOINTS WILL BE FULLY TAPED THE LENGTH OF THE JOINT AND ALL BOARD TO VISQUEEN JOINTS WILL BE TAPED AT 4' ON CENTER WITH A MINIMUM 8" LENGTH OF TAPE. PAINTERS TAPE AND/OR MASKING TAPE ARE NOT CONSIDERED EQUIVALENTS TO THE HD CONSTRUCTION ADHESIVE TAPE BEING SPECIFIED.
5. CONSTRUCT A TEMPORARY FULL HEIGHT, FULLY SEALED, CONTAINMENT ENCLOSURE AROUND ALL CONSTRUCTION AREAS/ZONES IN ORDER TO CONTAIN AS MUCH DUST AND DEBRIS AS POSSIBLE DURING THE PERFORMANCE OF ANY DEMOLITION, CONSTRUCTION AND CLEAN-UP WORK.
6. THE TEMPORARY FULL HEIGHT CONTAINMENT ENCLOSURES SHOULD BE CONSTRUCTED OF A MINIMUM 6 MIL HEAVY DUTY REINFORCED, FIRE-RETARDANT POLY SHEETING (VISQUEEN) WITH THE USE OF THE APPROPRIATE TELESCOPICALLY ADJUSTABLE ALUMINUM OR METAL VERTICAL SPRING LOADED SUPPORT STUDS/POLES FOR 24 HOURS WHILE BUILDING 1-HR. FIRE-RATED DOUBLE-WALLED SHEETROCK TO FACILITATE A CONSTRUCTION WALL TO CONTAIN AN AREA. USE FIRE-RETARDANT ZIPPER WALL FOR A SINGLE ROOM (STRUCTURAL IMPROVEMENT PURPOSES), USE 1-HR FIRE RATE DOUBLE-WALLED SHEETROCK TO FACILITATE A CONSTRUCTION WALL IN A CONSTRUCTION AREA. FULL HEIGHT FOAM PADDED RAILS, PRESSURE FIT AT ALL PERIMETER WALL/PARTITION CONNECTION CONDITIONS ARE TO BE UTILIZED IN ORDER TO MINIMIZE THE USE OF TAPE SEALS ON ALL FINISHED WALL SURFACES.PS
7. WHEN ALL WORK IS COMPLETED FOR THE PREARRANGED SPECIFIC LOCATION(S), SCHEDULED TASKING AND IDENTIFIED PERIOD OF TIME THE ENTIRE AREA IS TO BE FULLY CLEANED-UP WITH HEPA FILTER USE, ALL TEMPORARY CONTAINMENT ENCLOSURES AND PROTECTION REMOVED WITH ALL FURNITURE AND EQUIPMENT RETURNED TO THEIR PRIOR FUNCTIONING POSITIONS NOTE: FULLY CLEANED-UP MEANS COMMERCIALLY VACUUM CLEANED WITH ALL SURFACES BEING FULLY WIPED DOWN AND DUST FREE AS ACCEPTED PRIOR TO THE CONTRACTORS WORK.
8. ALL SPACES WILL BE RETURNED TO THE USER, BY THE CONTRACTOR, AS A COMMERCIALLY CLEAN ENVIRONMENT WITH ALL OPEN CONSTRUCTION SURFACES SEALED WITH TEMPORARY CONSTRUCTION MATERIALS INCLUDING THE USE OF 6 MIL HEAVY DUTY REINFORCED, FIRE-RETARDANT POLY SHEETING (VISQUEEN), IN ORDER TO AVOID DUST PARTICLES FROM THE CONSTRUCTION AREA MIGRATING INTO THE OCCUPIED USERS AREA/SPACE/ROOM(S).
9. UNLESS DIRECTLY SPECIFIED AND CONFIRMED BY THE VA/COR, ALL TEMPORARY PROTECTION AND ENCLOSURES ARE TO BE SET-UP AND KNOCKED-DOWN ON A DAILY BASIS SUCH THAT THE USERS OF THE OCCUPIED AREAS ARE NOT TO BE INCONVENIENCED AND PREVENTED FROM FUNCTIONING WITHIN THEIR SPACE/AREA/ROOM(S) DURING THEIR NORMAL BUSINESS HOURS OF OPERATION.
10. MINIMUM TWICE A DAY INSPECTION OF FIRE-RETARDANT POLY SHEET (VISQUEEN) TO ENSURE IT SEALS, HAS NO HOLES, ETC. INCLUDE A LOG OF THE MAINTENANCE.
11. BEFORE WORK COMMENCES FOR EACH SPECIFIC AREA OR LOCATION OF SCHEDULED WORK, VERIFY AND COORDINATE ALL PROTECTION REQUIREMENTS WITH INFECTION CONTROL, SAFETY AND COR.

GENERAL NOTES- WALL AND CEILING PAINTING

WHEREVER THE WORK BEING PERFORMED BY THIS PROJECT REQUIRES THE REMOVAL/DEMOLITION FROM, OR THE INSTALLATION OF NEW CONDUIT, JUNCTION BOXES, CABINETS, PANELS, DEVICES, EQUIPMENT, ETC., TO FINISH PAINTED SURFACES, THE CONTRACTOR SHALL PROVIDE ALL PAINTING TO THE EXISTING WALL/CEILING SURFACES AND NEW MATERIALS BEING INSTALLED TO MATCH ALL OF THE EXISTING FINISHED CONDITIONS SO THAT WHEN THE WORK PERFORMED IS COMPLETED IT BLENDS WITH THE EXISTING FINISHING DÉCOR AND DOESN'T STAND OUT AS BEING A REPAIR, UNFINISHED OR NEW WORK THAT DOESN'T BLEND WITH THE EXISTING CONDITIONS. PAINTING/REPAINTING SHALL OCCUR IN ALL INSTANCES FROM FLOOR TO CEILING AND FROM A WALL CORNER TO A WALL CORNER CHANGE IN PLANE WITH ALL EXISTING PAINTED SURFACES RECEIVING A NEW FINISH COAT AS A MINIMUM, SEE BELOW:

P1. PROVIDE ALL PAINTING AND RELATED WORK AS SHOWN ON THE DRAWING AND/OR AS REASONABLY IMPLIED BY THE SPECIFICATIONS AND THE PROJECT REQUIREMENTS TO PROVIDE A COMPLETELY FINISHED PROJECT.

P2. ALL SCRATCHES, DENTS, CRACKS AND/OR OPENINGS ON EXISTING AND NEW WALL SURFACES ARE TO BE FILLED WITH PLASTER PATCH, SPAKLING COMPOUND OR OTHER PRESCRIBED MATERIAL IN AN INDUSTRY APPROVED MANNER AND SANDED SMOOTH TO PROVIDE A "LIKE NEW" SURFACE CONDITION BEFORE PAINTING AND FINISHING.

P3. ALL SURFACES ARE TO BE CLEANED FREE OF LOOSE DIRT, DUST, OIL, GREASE AND ALL FOREIGN MATTER JUST PRIOR TO FINISHING.

P4. PROVIDE ALL LABOR, MATERIALS, BRUSHES, TOOLS, LADDERS AND ALL EQUIPMENT OF ANY KIND NECESSARY FOR PROPER EXECUTION OF THE WORK.

P5. WORKMANSHIP SHALL BE FIRST CLASS IN EVERY RESPECT WITH ALL MATERIALS EVENLY SPREAD AND SMOOTH WITHOUT RUNS, SAGS, OR DEBRIS IN THE FINISHED SURFACE.

FIRST CLASS WORKMANSHIP: AN INDUSTRY, DISCIPLINE AND SPECIFIC TRADE RECOGNIZED BEST PRACTICES FOR MATERIALS PROVIDED, INSTALLATION TECHNIQUES UTILIZED AND THE FINAL EXECUTION SUCH THAT ALL MATERIALS AND/OR EQUIPMENT IS PROPERLY INSTALLED, FUNCTIONING CORRECTLY, VISUALLY AS INTENDED AND CLEARLY REPRESENTATIVE OF THE HIGHEST QUALITY OF PROFESSIONAL INSTALLATION THAT IS WITHOUT DEFECT.

P6. THE PRIME COAT SHALL BE TINTED TO APPROXIMATE SHADE OF FINAL COAT. ALL SECTIONS, SPOTS OR HOT SPOTS AFTER PRIMARY APPLICATION SHALL BE TOUCHED-UP BEFORE APPLYING THE SECOND COAT TO PRODUCE A SMOOTH AND LEVEL SURFACE. THE FINAL COAT SHALL NOT BE APPLIED UNTIL AFTER ALL OTHER TRADES, WHOSE OPERATIONS WOULD BE DETRIMENTAL TO FINISH PAINTING, HAVE FINISHED THEIR WORK IN THE AREAS TO BE PAINTED.

P7. WORK NOT INCLUDED: UNLESS OTHERWISE INDICATED, SHOP PRIMING OF FERROUS METAL ITEMS AND FABRICATED COMPONENTS ARE INCLUDED UNDER THEIR RESPECTIVE TRADES. PRE-FINISHED ITEMS ARE NOT INCLUDED. FINISHED METALS SUCH AS ANODIZED ALUMINUM, STAINLESS STEEL, BRONZE, AND SIMILAR METALS WILL NOT BE PAINTED, UNLESS OTHERWISE SPECIFIED. DO NOT PAINT ANY MOVING PARTS OF OPERATING UNITS, OR OVER ANY EQUIPMENT IDENTIFICATION, PERFORMANCE RATINGS, NAMES OR NOMENCLATURE PLATES OR CODE-REQUIRED LABELS.

P8. PROTECT WORK OF OTHER TRADES. CORRECT ANY PAINTING RELATED DAMAGES BY CLEANING, REPAIRING OR REPLACING, AND REFINISHING, AS DIRECTED BY THE COR.

P9. PROPERLY PREPARE ALL SURFACES TO RECEIVE FINISHES AND APPLY PRIME COATS, PAINTING AND FINISHING MATERIALS IN ACCORDANCE WITH EACH MANUFACTURER'S DIRECTIONS FOR A QUALITY APPLICATION. USE APPLICATORS AND TECHNIQUES BEST SUITED FOR MATERIALS AND SURFACES TO WHICH APPLIED.

P10. APPLY ADDITIONAL COATS WHEN UNDERCOATS, STAINS OR OTHER CONDITIONS SHOW THROUGH FINAL PAINT OR FINISHED COAT, UNTIL THE SURFACE FILM IS OF UNIFORM FINISH COLOR AND APPEARANCE.

P11. APPLY EACH MATERIAL AT NOT LESS THAN THE MANUFACTURER'S RECOMMENDED SPREADING RATE, TO PROVIDE A TOTAL DRY FILM THICKNESS OF NOT LESS THAN 2.5 MILS FOR ENTIRE COATING SYSTEM OF (1) PRIME AND (2) FINISH COATS FOR 3 COAT WORK ON PAINTED SURFACES. COR SHALL INSPECT BETWEEN EACH PRECEDING COAT.

P12. PAINTED SURFACE PREPARATION – COMPLY WITH PAINT MANUFACTURER'S RECOMMENDATIONS FOR EACH MATERIAL TYPE AND SURFACE FINISH AS PER THEIR REFERENCE GUIDE AND SPECIFICATIONS.

P13. METAL SURFACE PREPARATION – ALL METAL SURFACES TO BE PAINTED MUST BE CLEAN AND FREE OF RUST, MILL SCALE, GREASE, OIL, DIRT AND OTHER FOREIGN MATTER. ALL ALUMINUM MUST BE CLEANED WELL IN ORDER TO REMOVE ALL SURFACE FILM AND OILS, AND SHALL BE PROPERLY PRIMED IN ACCORDANCE WITH THE PAINT MANUFACTURER'S RECOMMENDATIONS.

P14. ANY STEEL BEAMS INSTALLED SHALL BE PRIMED, AT A MINIMUM.

CEILING GENERAL NOTES

1. CENTER ALL CEILING GRIDS IN ROOMS TO MAXIMUM EXTENT POSSIBLE, UNLESS OTHERWISE NOTED. SEE CEILING PLANS FOR COMPLETE INFORMATION. COORDINATE WITH SPRINKLER, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.
2. CENTER ALL FIXTURES WITHIN CEILING TILE UNLESS OTHERWISE NOTED. COORDINATE WITH ELECTRICAL DRAWINGS.
3. CEILING HEIGHTS TO MATCH EXISTING.
4. COORDINATE WITH MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING ACCESS POINTS WHICH MAY BE REQUIRED AT AREAS FOR MECHANICAL AND ELECTRICAL SERVICE WORK.
5. ALL ELECTRICAL AND SAFETY DEVICES SHALL BE CENTERED IN CEILING GRIDS AND COORDINATE WITH ELECTRICAL DRAWINGS.
6. COORDINATE THE LOCATIONS OF MECHANICAL SUPPLY AND RETURN GRILLES WITH MECHANICAL DRAWINGS.
7. RELOCATE EXISTING SPRINKLER HEADS AS PER NEW REFLECTED CEILING PLAN GRIDS.
8. RELOCATE EXISTING SPRINKLER HEADS WHERE SPRINKLER HEADS CONFLICT WITH LIGHTING, GRIDS OR DEVICES.
9. COORDINATE LOCATION WITH DIFFUSERS AND LIGHTING LAYOUT.
10. SPRINKLER MAIN TO REMAIN.

SECURITY, FIRE PROTECTION AND CONTROL SYSTEMS NOTES

1. THIS WORK ENTAILS INTERFACING WITH PROPRIETARY IT SYSTEMS: FIRE PROTECTION, ALARMING, SECURITY AND CONTROLS.
2. INFORMATION ON THESE SYSTEMS IS CONTROLLED BY SPECIFIC SYSTEMS CONTRACTORS.
3. CONTRACTOR SHALL WORK WITH VA AND SYSTEMS CONTRACTORS IN DETERMINING WIRE ROUTING, WIRING TYPES FOR EACH SYSTEM, END POINTS OF CONTRACTOR INSTALLED WIRING AND ANY MODIFICATIONS REQUIRED TO SYSTEMS HARDWARE.
4. ALL WIRING ON THESE SYSTEMS IF SHOWN AS "TYPICAL" AND MAY BE REVISED BASED ON SYSTEMS CONTRACTORS GUIDANCE.

CONSTRUCTION PERIOD STAGING OF WORK - GENERAL NOTES

NORMAL WORK SHIFT HOURS FOR THE VA NEW JERSEY HEALTH CARE SYSTEM VETERANS HOSPITAL IS 7:00 AM UNTIL 4:30 PM DAILY, MONDAY THROUGH FRIDAY

1. CERTAIN WORK ITEMS AND CONSTRUCTION ACTIVITIES THAT CREATE NOISE, DUST, VIBRATIONS AND THAT WOULD CREATE DISTURBANCES TO THE MEDICAL CENTER AND/OR ANY OF THE ADJACENT OCCUPIED AREAS WILL NEED TO BE PERFORMED DURING PERIODS OF AFTERHOURS/OFF-HOURS WORK. ITEMS THAT WILL ED REQUIRE AFTER HOURS ACTIVITIES SHALL BE FULLY COORDINATED WITH VA COR PRIOR TO START OF CONSTRUCTION.
2. AFTERHOURS/OFF-HOURS OF OPERATION SHALL BE SCHEDULED FOR THE FOLLOWING DAYS AND TIMES AS COORDINATED, SCHEDULED AND AUTHORIZED BY THE COR:
   a. MONDAY THROUGH FRIDAY – 5:00 PM UNTIL 6:00 AM
   b. WEEKENDS (AS ALLOWED) – TIMES TO BE DETERMINED WITH THE COR
4. THE FOLLOWING CONSTRUCTION ACTIVITIES SHALL BE CONSIDERED AFTERHOURS/OFF-HOURS OPERATIONS:
   a. THE MOVING OF CONSTRUCTION MATERIALS, EQUIPMENT, TOOLS AND/OR DEMOLITION MATERIALS TO/FROM THE EXTERIOR TO INTERNAL AREAS OF WORK
   b. ALL WORK IN THE ADJACENT OCCUPIED SPACES TO THE CURRENT STAGE/AREA OF WORK
   c. ALL WORK THAT WILL REQUIRE SYSTEM SHUTDOWNS
   d. ALL CONCRETE OR METAL DECKING CORING, CUTTING OR DRILLING
   e. THE APPROVED USE OF POWER ACTUATED FASTENERS
   f. ALL WORK (DEMOLITION OR NEW) THAT WILL CAUSE IMPACT NOISE AND VIBRATIONS THAT CAN BE HEARD OR FELT IN THE SURROUNDING ADJACENT OCCUPIED SPACES/AREAS
   g. CONTRACTOR MUST PARK WITHIN APPROVED CONSTRUCTION AREA OR AT DESIGNATED AREAS AT FAR PORTIONS OF EXISTING CAMPUS PARKING LOTS. CAMPUS PARKING IS LIMITED AND PRIORITY IS GIVEN TO PATIENTS AND STAFF.
5. WEEKEND AND HOLIDAY HOURS SHALL BE FROM 8:00 A.M. TO 4:00 P.M. COORDINATE WITH VA COR PRIOR TO START OF CONSTRUCTION.

CONSTRUCTION TIMELINE AND PHASING

CONSTRUCTION TIMELINE/SCHEDULE:

1. ALL RENOVATED TOILET ROOMS IN BUILDINGS 1 AND 18 WILL HAVE A TOTAL CONSTRUCTION TIMELINE OF 90 DAYS. THIS SHALL BE FROM DEMOLITION TO SUBSTANTIAL COMPLETION.
2. ALL RENOVATED TOILET ROOMS IN BUILDING 5 WILL HAVE A TOTAL CONSTRUCTION TIMELINE OF 30 DAYS. THIS SHALL BE FROM DEMOLITION TO SUBSTANTIAL COMPLETION.

PHASING:

1. RENOVATED TOILETS IN 18-144 AND 18-157 (BUILDING 18) SHALL NOT BE UNDER CONSTRUCTION AT THE SAME TIME. THERE IS NOT A PREFERENCE FROM THE VA ON WHICH TOILET ROOM IS RENOVATED FIRST.

GENERAL SCOPE OF WORK (SOW) DESCRIPTION

GENERAL

1. THE SCOPE OF THIS PROJECT IS TO RENOVATE SELECT BATHROOMS AND REMOVE/ INSTALL SELECT ELECTRICAL WATER COOLERS. RENOVATION TO INCLUDE NEW INTERIOR FINISHES, NEW PLUMBING FIXTURES, NEW FINISH CEILINGS, SUPPLY AND RETURN GRILLES, EXHAUST FANS:

   A. BUILDING 1:
      - RENOVATE EXISTING TOILET ROOMS.
      - RENOVATE STORAGE ROOM INTO TOILET ROOM.
      - REMOVE EXISTING ELECTRIC WATER COOLERS (LOCATED ON VARIOUS FLOORS)
      - INSTALL NEW ELECTRIC WATER COOLERS (LOCATED ON VARIOUS FLOORS).

   A. BUILDING 5:
      - RENOVATE EXISTING TOILET ROOMS.

   B. BUILDING 18:
      - RENOVATE EXISTING TOILET ROOMS.

DESIGN CONDITIONS

1. PROVIDE NEW WALLS, FINISH FLOORING, AND FINISH CEILINGS.
2. PROVIDE NEW LED LIGHTING, POWER AND FIRE ALARM SYSTEMS.
3. MODIFY EXISTING SPRINKLER SYSTEM TO ACCOMMODATE NEW CEILING LAYOUT.
4. PROVIDE NEW PLUMBING FIXTURES.
5. PROVIDE NEW MECHANICAL SUPPLY AND RETURN GRILLES.
6. PATCH/ REPAIR/ FINISH WALLS TO MATCH EXISTING SURROUNDING WALLS WHERE ELECTRIC WATER COOLERS (EWC) ARE REMOVED.

MISCELLANEOUS

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO COMMENCING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF DIMENSIONS SHOWN ON THE DRAWINGS. NOTIFY THE VA/COR OF ANY DISCREPANCY BEFORE STARTING WORK.
3. A SUCCESSFUL REVIEW OF SHOP DRAWINGS AND SUBMITTALS BY THE ARCHITECT/ENGINEER DOES NOT RELIEVE CONTRACTOR OF THE RESPONSIBILITY TO REVIEW AND CHECK SHOP DRAWINGS BEFORE SUBMITTAL TO VA/COR. THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO DETAILS AND GIVEN DIMENSIONS IN THE CONTRACT DOCUMENTS.
4. CONTRACTOR SHALL OBTAIN VA/COR WRITTEN APPROVAL PRIOR TO PROCEEDING WITH ANY CHANGES FROM THE INFORMATION PROVIDED HEREIN.

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

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Bancroft-AE Project No. 17-113

Drawing Title: GENERAL- PROTECTION PROTOCOLS, SCOPE OF WORK AND MISC. NOTES

Approved Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number:

Drawing Number: GI002

Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

K:\COC_PROJECTS\2017\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-GI002.dwg 1-11-20 10:10:23 PM Johnson

GENERAL DEMOLITION NOTES

GENERAL NOTES FOR CONTRACTORS: SEE ALL PROJECT GENERAL NOTES AND OTHER REQUIREMENTS INCLUDING THE LIFE SAFETY AND INFECTION CONTROL WORK LOCATED WITHIN THE GENERAL DRAWINGS SECTION. COMPLY WITH ALL REQUIREMENTS AS THEY ARE A DIRECT PART OF THIS SECTION AS IF THEY WERE DIRECTLY INCLUDED AND PROVIDED HEREIN.

PROTECTION PROTOCOLS: VERIFY AND COORDINATE ALL PROTECTION REQUIREMENTS TO BE PROVIDED FOR EACH SPECIFIC AREA OR LOCATION OF SCHEDULED WORK WITH THE VA/COR, BEFORE BEGINNING ANY WORK. WHEN PERFORMING DEMOLITION WORK IN ANY OCCUPIED SPACES FOLLOW THE "OCCUPIED AREAS PROTECTION PROTOCOLS" UNLESS MODIFIED IN WRITING BY THE VA/COR ON A CASE BY CASE BASIS.

1. BEFORE BEGINNING ANY DEMOLITION WORK EACH CONTRACTOR AND DISCIPLINE SHALL PERFORM A FULL EXAMINATION OF ALL AREAS OF WORK AND FULLY VERIFY ALL EXISTING CONDITIONS ALONG WITH ALL OF THE AREAS OF WORK FOR ANY UNFORESEEN CONDITIONS OR DISCREPANCIES FROM THE DOCUMENTATION THAT WOULD AFFECT THEIR WORK AND/OR THE WORK OF OTHERS. ANY UNFORESEEN CONDITIONS OR DISCREPANCIES DISCOVERED ARE TO BE IMMEDIATELY IDENTIFIED AND COORDINATED WITH THE GENERAL/PRIME CONTRACTOR WHO SHALL IN TURN DOCUMENT AND PROMPTLY REPORT ANY SUCH CONDITIONS DIRECTLY TO THE VA/COR FOR DIRECTION ON HOW TO PROCEED BEFORE ALLOWING ANY WORK TO BEGIN.

2. ALL REQUIRED DEMOLITION WORK IS NOT NECESSARY LIMITED TO WHAT IS ONLY SPECIFICALLY SHOWN OR DIRECTLY CALLED OUT ON THE DEMOLITION PLANS OR THAT IS ONLY SPECIFICALLY IDENTIFIED WITHIN THE DEMOLITION NOTES DESCRIPTIONS. THE INTENT OF THE DOCUMENTATION IS TO GENERALLY IDENTIFY THE MORE SPECIFIC MAJOR ELEMENTS OF WORK IN PLACE THAT SHALL REQUIRE REMOVAL AND/OR REWORK IN ORDER TO ACCOMPLISH THE DESIGN INTENT OF THE DOCUMENTS. THE FULL EXTENT OF DEMOLITION WORK COULD INCLUDE BUT NOT NECESSARILY BE LIMITED TO ALL AFFECTED LESSER ELEMENTS OF ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, MEDICAL GASES, FIRE PROTECTION SPRINKLER SYSTEMS AND ALL ELECTRICAL SYSTEMS WORK INCLUDING HIGH AND LOW VOLTAGE POWER, COMMUNICATION SYSTEMS SUCH AS CCTV, SECURITY, IT DATA, LIFE SAFETY, FIRE PROTECTION, NURSE CALL, PA, BAS CONTROLS SYSTEMS, TEMPERATURE AND OTHERWISE, ETC.

3. ALL REQUIRED DEMOLITION WORK IS NECESSARY TO FACILITATE THE EXTENT OF BOTH THE NEW CONSTRUCTION WORK AS WELL AS TO FACILITATE THE REPLACEMENT, RELOCATION AND/OR THE REWORKING OF THE EXISTING SYSTEMS. ANY REWORKING OF THE CURRENT ELEMENTS AND COMPONENTS CURRENTLY NEEDING TO BE MODIFIED IN ORDER TO PROPERLY SUPPORT THE COMPLETED PROJECT SHALL BE PROVIDED AS INTENDED TO CONFORM WITH THE ORIGINAL DESIGN INTENT WHETHER SPECIFICALLY CALLED FOR IN GREAT DETAIL WITH EVERY ANCILLARY ELEMENT FULLY NAMED AND IDENTIFIED OR AS CALLED OUT AS A GENERAL COMPONENT PORTION OF WORK THAT NEEDS TO BE PROPERLY REMOVED IN ORDER TO COMPLETE THE SCOPE OF WORK AS INTENDED TO COMPLY WITH ALL BASES OF DESIGN REQUIREMENTS.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE DEMOLITION AND REMOVAL OF ALL EXISTING WALLS, CEILINGS, SUSPENSION SYSTEMS, FLOORING, ELECTRICAL, TELEPHONE AND PLUMBING CONSTRUCTION AS WELL AS ALL MATERIALS, FINISHES AND EQUIPMENT THAT IS NOT SPECIFICALLY SHOWN OR CALLED FOR AS REQUIRED TO FACILITATE THE NEW CONSTRUCTION WORK INSIDE THE CONTRACT AREA, THE ADJACENT SPACES AND THE SPACES ABOVE AND BELOW. SOME ADDITIONAL ITEMS THAT MAY NOT BE SPECIFICALLY SHOWN IN GREAT DETAIL ON THE DEMOLITION PLAN THAT ARE A PART OF THE DEMOLITION WORK, BUT NOT LIMITED TO, ARE CASEWORK, SHELVING, BRACKETS, STANDARDS, DOOR HARDWARE, MISCELLANEOUS OTHER HARDWARE, SIGNAGE, FLOORING MATERIALS, WALL BASE, WOOD GROUNDS, WALL COVERING MATERIALS, BACKING LINERS OR BOARDS, ANY REMAINING MASTIC, GROUT, CAULKING AND SEALANTS, EXPOSED ANCHORS AND FASTENERS, FRAMING MATERIALS, BACKER BOARDS OR METAL PLATES, CHAIR RAILS, BRACKETS, HOOKS, SURFACE MOUNTED OR RECESSED ACCESSORIES, PRIVACY CURTAINS AND TRACKS, ETC.

5. ALL DEMOLITION WORK SHALL BE PERFORMED IN A SYSTEMATICALLY SAFE FULLY SUPERVISED COORDINATED AND PROPERLY MANAGED SEQUENCE OF WORK UNDER THE DIRECT SUPERVISION OF THE GENERAL/PRIME CONTRACTOR'S SUPERINTENDENT AND/OR THEIR MANAGEMENT PERSONNEL INCLUDING THE PERFORMANCE OF ANY ANCILLARY ELEMENTS OF SELECTIVE DEMOLITION.

6. ALL DEMOLITION, THE HANDLING OF MATERIALS AND EQUIPMENT ALONG WITH THE MOVEMENT OF THESE ELEMENTS THROUGHOUT THE FACILITY SHALL BE PERFORMED SO AS TO PREVENT DAMAGE TO ADJACENT IMPROVEMENTS AND FACILITIES TO REMAIN AS WELL AS TO PROVIDE SAFETY FOR ALL TRADESPEOPLE, STAFF, RESIDENTS/PATIENTS, VISITORS AND SERVICE PROVIDERS.

7. PROVIDE ALL PHYSICAL AND ENVIRONMENTAL PROTECTIVE MEASURES AS REQUIRED BY THE PROJECT DOCUMENTS, VA FEDERAL AND LOCAL REQUIREMENTS, APPLICABLE OSHA REGULATIONS, THE STATION AND ALL LOCAL INFECTION CONTROL AUTHORITIES, NFPA REQUIREMENTS, THE VA/COR AND ALL OTHER REGULATORY AGENCIES AND VA AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.

8. PROVIDE ALL TEMPORARY PARTITIONS, PROTECTION, DOOR ACCESS UNITS, ENCLOSURES, WALKWAYS, FENCING, RAILINGS, CANOPIES, AIR FILTRATION DEVICES, VESTIBULES, AIRLOCKS, ETC., WHERE REQUIRED BY THE CONTRACT DOCUMENTS, THE VA/COR AND ALL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT AND SHALL BE SURE TO MAINTAIN ADEQUATE AND SAFE EMERGENCY MEANS OF EGRESS FROM ALL AREAS. ALL SUCH WORK NEEDING TO BE PROVIDED WILL REQUIRE VA/COR REVIEW AND APPROVAL BEFORE BEGINNING ANY OF SUCH WORK.

9. GREAT CARE SHALL BE TAKEN WHEN PERFORMING SELECTIVE DEMOLITION IN THE UTILIZATION OF MORE SENSITIVE AND LESS EVASIVE METHODS OF DEMOLITION/REMOVAL, AS WELL AS PROVIDING THE APPROPRIATE ENHANCED PROTECTIVE BARRIERS IN ORDER TO PROVIDE FOR THE LEAST AMOUNT OF DAMAGE TO THE WORK THAT IS TO REMAIN IN PLACE. EXISTING FINISHED SURFACES, MATERIALS AND EXPOSED EQUIPMENT THAT WOULD RECEIVE SIGNIFICANT AMOUNTS OF SURFACE DAMAGE AND WOULD REQUIRE SIGNIFICANT AMOUNTS OF PATCHING, REPAIRS AND REFINISHING WORK SHALL BE DEEMED AS DAMAGED AND UNUSABLE AND WILL NEED TO BE REPLACED IN WHOLE BY THE RESPONSIBLE CONTRACTOR AND ITS REPLACEMENT ONCE COMPLETED WILL NEED TO RECEIVE VA/COR APPROVAL.

10. WHERE EXISTING FLOOR FINISHES ARE TO BE FULLY REMOVED TO ALLOW FOR THE INSTALLATION OF NEW, PROVIDE FOR THE COMPLETE REMOVAL OF THE EXISTING FLOOR FINISHES ALONG WITH ALL ASSOCIATED ATTACHMENT SYSTEMS SUCH AS MASTICS, ADHESIVES, TACKLES STRIPS, STAPLES, SETTING BEDS OF GROUT, MORTAR OR CONCRETE, CARPET PADDING, ATTACHED SUBFLOORING MATERIALS, ETC. AS REQUIRED TO GET DOWN TO THE EXISTING STRUCTURAL FLOOR SUBSTRATE THAT CAN BE PROPERLY PATCHED, REPAIRED, LEVELED AND MADE READY TO RECEIVE THE NEW FLOOR FINISHES.

11. ITEMS INDICATED TO BE REMOVED AND SALVAGED FOR THE VA SHALL REMAIN THE VA'S PROPERTY AND SHALL BE CAREFULLY REMOVED, CLEANED AND PROTECTED FROM DAMAGE BY THE CONTRACTOR RESPONSIBLE AT ALL TIMES. ALL SUCH ITEMS INDICATED TO BE SALVAGED WILL BE PACKAGED AND/OR CRATED AS REQUIRED BY THE VA/COR TO PROPERLY PROTECT THEM FROM DAMAGE CAUSED BY THE HANDLING, MOVING AND/OR THE STORAGE OF THESE ITEMS. ALL PACKAGES AND/OR CRATES OF ITEMS SHALL HAVE THEIR CONTENTS CLEARLY MARKED AND FULLY IDENTIFIED ON BOTH THE TOP AND ONE SIDE OF EACH CONTAINER TO BE COORDINATED WITH AND APPROVED BY THE VA/COR. DELIVER ALL SALVAGED MATERIALS TO THE LOCATIONS INDICATED IN THE PROJECT DOCUMENTATION OR TO THE GOVERNMENTS DESIGNATED STORAGE FACILITY ON THE STATIONS CAMPUS AS DIRECTED BY THE VA/COR.

12. UNLESS OTHERWISE INDICATED OR STATED TO BE SAVED, SALVAGED OR IDENTIFIED AS NEEDING TO REMAIN OR BE RELOCATED AND/OR REUSED, ALL ITEMS IDENTIFIED TO BE REMOVED, DEMOLISHED, SCRAPED, ETC. BECOMES THE PROPERTY AND RESPONSIBILITY OF THE CONTRACTOR AND AS SUCH IT IS THEIR RESPONSIBILITY TO REMOVE ALL SUCH ITEMS FROM THE SITE ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE VA/COR.

13. DEMOLITION ITEMS OF VALUE TO THE CONTRACTOR(S) ARE NOT TO BE STORED ON SITE AND NEED TO BE REMOVED ON A DAILY BASIS UNLESS OTHERWISE APPROVED BY THE VA/COR.

14. ALL ITEMS OF WORK THAT ARE IDENTIFIED AS EXISTING TO BE REMOVED AND REUSED/REINSTALLED SHALL BE CAREFULLY DISCONNECTED, DETACHED, REMOVED AND DISASSEMBLED AS REQUIRED FOR CONVENIENCE AND EASE OF HANDLING, MOVING AND FOR THEIR PROTECTION FROM DAMAGE. ALL SUCH ITEMS ARE TO BE INDIVIDUALLY WRAPPED, BOXED OR PLACED IN CARTONS FOR THE EASE OF HANDLING THE MATERIALS AND THEIR PLACEMENT IN A VA/COR IDENTIFIED PROTECTED AREA (TBD). EACH ITEM SHALL BE FULLY CLEANED, FREE FROM DAMAGE, PREPARED FOR SERVICE AND FULLY TESTED TO VERIFY ITS ABILITY FOR PROPER FUNCTIONAL REUSE. COORDINATE WITH PHARMACY PERSONNEL FOR MOVING OF IDENTIFIED EQUIPMENT.

15. WHERE EXISTING MATERIALS, ITEMS OR EQUIPMENT ARE TO BE REMOVED FOR THEIR REPLACEMENT IN THE SAME LOCATION BY THE SAME OR SIMILAR NEW MATERIALS, ITEMS OR EQUIPMENT, CAREFULLY DISCONNECT, DETACH, DISASSEMBLE IF REQUIRED, REMOVE AND DISPOSE OF THE ITEMS INDICATED ALONG WITH ANY AND ALL ANCILLARY SYSTEM COMPONENTRY OR SUPPORT ITEMS ADDITIONALLY IDENTIFIED OR REQUIRED TO BE REPLACED.

16. WHERE STRUCTURAL SUPPORT OF EXISTING CONSTRUCTION ELEMENTS OR PORTIONS OF STRUCTURAL ELEMENTS TO REMAIN IS REQUIRED THE RESPONSIBLE CONTRACTOR PERFORMING THE WORK SHALL PROVIDE AND MAINTAINING ALL NECESSARY STRUCTURAL SUPPORTS, SHORING, STIFFENERS, BRACING, BEAMS, COLUMNS, FOOTINGS AND SUPPORTS AS NECESSARY TO ENSURE THE STABILITY OF THE ELEMENTS BEING SUPPORTED AND TO ADEQUATELY DISTRIBUTE ANY TEMPORARY LOADING SO AS NOT TO OVER LOAD ANY OF THE EXISTING STRUCTURE AND THE CONSTRUCTION BELOW. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL STRUCTURAL ENGINEERING ANALYSIS, CALCULATIONS AND SOLUTIONS FOR PROVIDING ANY SUCH WORK AND WILL NEED TO PROVIDE ALL SUCH PROPER DOCUMENTATION PREPARED BY A LICENSED STRUCTURAL ENGINEER TO THE VA/COR AS A SHOP DRAWING SUBMITTAL FOR PROPER REVIEW AND APPROVAL BEFORE BEING ALLOWED TO BEGIN ANY SUCH WORK.

17. ALL EXISTING CONSTRUCTION OR ITEMS INDICATED TO REMAIN IN PLACE AND OPERATION SHALL BE PROTECTED FROM DAMAGE BOTH DURING THE DEMOLITION OPERATIONS AS WELL AS THE NEW CONSTRUCTION EFFORTS. WHERE PRACTICABLE, AND WITH THE VA/COR'S APPROVAL, THE CONTRACTOR MAY ELECT TO REMOVE SUCH ITEMS TO A SUITABLE STORAGE LOCATION DURING THE DEMOLITION PHASE AND THEN PROPERLY CLEAN AND REINSTALL THE ITEMS WHEN APPLICABLE. IN NO CASE SHALL ANY LIFE SAFETY DEVICES, SYSTEMS OR MEASURES BE COMPROMISED BY THE TEMPORARY REMOVAL OF ANY NECESSARY ELEMENTS OF WORK, FOR THE CONVENIENCE OF THE CONTRACTOR, THAT WERE NOT PROPERLY REPLACED IN KIND WITH A SIMILAR PROPERLY OPERATING TEMPORARY DEVICE.

18. DURING THE COURSE OF SELECTIVE DEMOLITION OR REMOVAL OPERATIONS AND THE EXISTING SUBSTRATE MATERIALS/CONSTRUCTION IS DAMAGED BEYOND REASONABLE REPAIR, THE CONTRACTOR SHALL BE RESPONSIBLE TO FULLY REPLACE THE ENTIRE DAMAGED SECTION AND/OR SECTIONS. THIS DAMAGED AREA SHALL BE REMOVED AND REPLACED AS REQUIRED TO REPAIR THE SUBSTRATE TO A LIKE NEW CONDITION THAT CONTAINS NO IRREGULAR JOINT CONNECTIONS, CONDITIONS, DEFECTS, WEAKNESS OR WILL CAUSE ADVERSE EFFECTS THAT WILL RESULT IN ANY DIFFERENTIAL FINISHED SURFACE CONDITIONS OR AREAS OF JOINT WEAKNESS THAT WILL RESULT IN SURFACE CRACKING AND BE APPARENT THAT THE CONDITION IS IN FACT A PATCH/REPAIR.

19. REFER TO ALL ENGINEERING DISCIPLINE DRAWINGS AND DOCUMENTATION FOR THE BASIC EXTENT BEING REQUIRED FOR ALL INFRASTRUCTURE AND SYSTEMS DEMOLITION AS WELL AS FOR IDENTIFYING ALL EXISTING EQUIPMENT, PIPING, CONDUITS, DUCTWORK, WIRING, CONTROLS, ETC. THAT ARE INTENDED TO REMAIN WITHIN ANY OF THE AREAS OF DEMOLITION, THE AREAS OF REWORKING OF EXISTING SYSTEMS AND THE AREAS OF NEW WORK.

20. UNLESS OTHERWISE NOTED ALL EXISTING PARTITION CONSTRUCTION WITHIN THE PROJECT AREA OF WORK SCHEDULED TO RECEIVE NEW FINISHES SHALL HAVE ALL EXISTING FINISHES REMOVED INCLUDING BUT NOT LIMITED TO ALL CERAMIC TILE, VINYL WALL COVERING, WOOD PANELING, WAINSCOT MATERIALS, GROUT, MASTIC, WALL COVERING BACKING, WALL BASE, ADHESIVE, STAPLES, EXPOSED FASTENERS, ETC. SUCH THAT THE SUB-STRAIGHT WALL/PARTITION SURFACES REQUIRE NO FURTHER DEMOLITION AND ARE PREPARED TO RECEIVE ALL REQUIRED PATCHING, REPAIRS, RESURFACING AND REFINISHING AS REQUIRED TO RECEIVE THE NEW FINISHES.

21. ALL FINISHED AREAS ADJACENT TO OR INCLUDED WITHIN THE AREA(S) OF CONSTRUCTION ALONG WITH ALL PUBLIC PROJECT ACCESS ROUTES SHALL BE PROTECTED FROM DUST AND DIRT THROUGH THE USE OF VA/COR APPROVED DUSTPROOF PROTECTION. SEE THE OCCUPIED AREA PROTECTION PROTOCOLS PROVIDED IN THE "GENERAL" DRAWINGS SECTION AND COORDINATE ALL SITE SPECIFIC CONDITIONS IMPACTS ENCOUNTERED WITH THE VA/COR.

22. ALL NEW WORK ALONG WITH ANY PORTIONS OF EXISTING EQUIPMENT, MATERIALS OR REWORKED ELEMENTS WHEN COMPLETED SHALL FULLY COMPLY WITH ALL BASES OF DESIGN REQUIREMENTS.

23. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO ADEQUATELY PROTECT EXISTING CONSTRUCTION AND FINISHES TO REMAIN IN PLACE DURING BOTH THE DEMOLITION AND CONSTRUCTION SEQUENCES OF WORK. ANY DAMAGE TO SUCH AREAS SHALL BE RESTORED AND REFINISHED TO A "LIKE-NEW" CONDITION PRIOR TO THE VA/COR'S ACCEPTANCE OF THAT WORK.

24. THE GENERAL/PRIME CONTRACTOR IS RESPONSIBLE FOR THE PATCH, REPAIR, REFINISHING AND/OR REPLACEMENT OF ALL CONSTRUCTION, MATERIALS, ASSEMBLIES, EQUIPMENT, SIGNAGE AND FINISHES DAMAGED BY THE PROJECT DEMOLITION, TEMPORARY CONSTRUCTION, NEW CONSTRUCTION OR THE MOVEMENT OF PERSONNEL, TOOLS, EQUIPMENT, MATERIALS, ETC. BOTH INSIDE AND OUTSIDE OF THE DESIGNATED AREAS OF WORK.

25. PROVIDE THE CUTTING AND PATCHING FOR ALL DEMOLITION WORK AND ALL NEW CONSTRUCTION WORK BEING PERFORMED OUTSIDE OF THE PROJECT LIMIT LINES AS REQUIRED TO PROPERLY COMPLETE THE PROJECT SCOPE OF WORK.

26. ALL CUTTING, CORING AND DRILLING OF EXISTING CONCRETE AND MASONRY CONSTRUCTION SHALL NOT DAMAGE EXISTING REINFORCING STEEL, PIPING, CONDUITS OR OTHER CONCEALED CONSTRUCTION WITHIN. PRIOR TO CORING, DRILLING, CUTTING OR PERFORMING ANY BREAKING EFFORTS, PROVIDE PENETRATING FIELD X-RAYING OF THE INTENDED AREAS AND DOCUMENT THE EXACT SIZE AND LOCATIONS OF ALL SUCH INTERFERENCES. COORDINATE WITH AND OBTAIN VA/COR APPROVAL BEFORE PROCEEDING WITH ANY SUCH REQUIRED PENETRATIONS WORK.

27. THE GENERAL/PRIME CONTRACTOR IS RESPONSIBLE TO PROVIDE THE REMOVAL OF ALL CONSTRUCTION DEMOLITION DEBRIS, SPOIL AND MATERIALS FROM THE PROJECT SITE ON A DAILY BASIS UNLESS SPECIFICALLY REFERENCED OTHERWISE IN THE PROJECT SPECIFIC LOGISTICAL SEQUENCING REQUIREMENTS OR AS APPROVED BY THE VA/COR.

DEMOLITION PLAN LEGEND

EXISTING CONSTRUCTION TO REMAIN

EXISTING CONSTRUCTION TO BE REMOVED IN ITS ENTIRETY, INCLUDING WALL SWITCHES, OUTLETS, THERMOSTATS, ETC. PATCH ABUTTING WALLS, FLOORS AND CEILINGS AS REQUIRED. REMOVE EXISTING ITEMS SCHEDULED TO REMAIN AS NECESSARY TO ALLOW THE COMPLETE DEMOLITION OF SELECTED ITEMS. REPAIR/REPLACE EXISTING ITEMS ONCE DEMOLITION IS COMPLETED.

EXISTING DOOR TO BE REMOVED.

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

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T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: GENERAL- DEMOLITION NOTES

Approved: Project Director

VA CONTRACT NO. 36C242-18-C-0004

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number:

Drawing Number: GI003

Office of Construction and Facilities Management

VA Department of Veterans Affairs

K:\CCC-PROJECTS\2017\17-113 36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-G0003.dwg 1-11-20 03:09:37 PM Johnson

one eighth inch = one foot | one quarter inch = one foot | three eighths inch = one foot | one half inch = one foot | three quarters inch = one foot | one inch = one foot | one and one half inches = one foot | three inches = one foot

VA FORM 08-6231

GRAPHIC SYMBOLS

- DEMOLITION, ARCHITECTURAL AND ELEVATION KEYNOTE
- PARTITION TAG
- DOOR NUMBER
- WINDOW TAG
- EQUIPMENT NUMBER
- NORTH ARROW
- POINT OF CONNECTION
- INTERIOR ELEVATION (SINGLE) — DETAIL NUMBER / SHEET NUMBER / DRAWING NUMBER
- INTERIOR ELEVATION (MULTIPLE) — DETAIL NUMBER / DRAWING NUMBER
- BUILDING & WALL SECTION — DETAIL NUMBER / SHEET NUMBER
- SECTION DETAIL — DETAIL NUMBER / SHEET NUMBER
- DRAWING TITLE AND SCALE — 1 View Name, 1/8" = 1'-0" (0, 4', 8', 16')
- DETAIL BUBBLE — DRAWING NUMBER
- REVISION CLOUD AND NUMBER
- ROOM TAG — ROOM NAME / ROOM NUMBER
- ELEVATION TAG — ELEVATION +0'-0"
- FIRE EXTINGUISHER CABINET — FEC-#

MATERIAL INDICATIONS

- EARTH
- GRAVEL
- CONCRETE
- CONCRETE MASONRY UNIT
- BRICK MASONRY
- STEEL/STAINLESS STEEL
- ALUMINUM
- WOOD BLOCKING / FRAMING
- PLYWOOD
- HARDWOOD
- RIGID INSULATION
- BATT INSULATION
- MORTAR/SAND/STUCCO/ GYPSUM BOARD SURFACE
- ACOUSTIC CEILING
- CERAMIC TILE
- SHIM OR NAILER

FLOOR PLAN LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED IN ITS ENTIRETY, INCLUDING WALL SWITCHES, OUTLETS, THERMOSTATS, ETC. PATCH ABUTTING WALLS, FLOORS AND CEILINGS. REMOVE EXISTING ITEMS SCHEDULED TO REMAIN AS NECESSARY TO ALLOW THE COMPLETE DEMOLITION OF SELECTED ITEMS. REPAIR/REPLACE EXISTING ITEMS ONCE DEMOLITION IS COMPLETED.
- EXISTING DOOR TO REMAIN
- EXISTING DOOR FRAME AND HARDWARE TO BE REMOVED
- EXISTING DOOR TO BE REMOVED
- NEW DOOR FRAME AND HARDWARE
- NEW DOOR
- NEW PARTITION
- AREA NOT IN CONTRACT
- PP — AUTOMATIC DOOR OPERATOR PUSH PLATE
- N — NURSE CALL PULL CORD
- N — NURSE CALL DOME LIGHT (IN CORRIDOR)

ARCHITECTURAL ABBREVIATIONS

A	
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
APPROX	APPROXIMATE
AR	AS REQUIRED
AUTO	AUTOMATIC
AUX	AUXILIARY
AV	AUDIO VISUAL
AVG	AVERAGE
B	
BAT	BATTEN
BD	BOARD
BLDG	BUILDING
BLK	BLOCKING
BM	BEAM
BO	BY OWNER
BOD	BASIS OF DESIGN
C	
CC	CONTRACTOR SUPPLIED & INSTALLED
CEM	CEMENT
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
CO	CONTRACTING OFFICER
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
COORD	COORDINATE
COR	CONTRACTING OFFICER'S REPRESENTATIVE
CORR.	CORRIDOR
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
CTRL	CONTROL
D	
DAT	DATUM
DBL	DOUBLE
DEG	DEGREE
DEMO	DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DN	DOWN
DR	DOOR
DTL	DETAIL
DWG	DRAWING

E	
E	EAST
EA	EACH
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
ENCL	ENCLOSURE
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPOSED
EXT	EXTERIOR
F	
FA	FIRE ALARM
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF&E	FURNITURE, FIXTURE AND EQUIPMENT
FHC	FIRE HOSE CABINET
FIG	FIGURE
FIN	FINISH
FIXT	FIXTURE
FL	FLOOR
FO	FACE OF
FP	FIRE PROTECTION OR FIREPROOF
FT	FOOT
FTG	FOOTING
G	
GC	GENERAL CONTRACTOR
GL	GLASS
GYP BD	GYPSUM BOARD
H	
HAZ MAT	HAZARDOUS MATERIALS
HDW	HARWARE
HM	HOLLOW METAL
HT	HEIGHT
I	
INCL	INCLUDED
INSUL	INSULATION
INT	INTERIOR
J	
J-BOX	JUNCTION BOX
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JSN	JOINT SCHEDULE NUMBER
JT	JOINT

L	
LAM	LAMINATE
LAV	LAVATORY
LED	LIGHT EMITTING DIODE
LF	LINEAR FEET (FOOT)
LL	LEAD LINED
LT	LT
M	
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MLWK	MILLWORK
MO	MASONRY OPENING
MR	MOISTURE RESISTANT
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
N	
N	NORTH
N/A	NOT APPLICABLE
NAT	NATURAL
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
O	
OA	OVERALL
OC	ON CENTER
OFIC	OWNER FURNISHED INSTALLED BY CONTRACTOR
OH	OPPOSITE HAND
OPNG	OPENING
OPT	OPTIONAL
P	
PAT	PATTERN
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER OR PLASTIC
PR	PAIR
PRE	PREFINISHED
PREP	PREPARATION
PROVIDE	FURNISHE AND INSTALL
PT	PAINT
PTME	PAINT TO MATCH EXISTING
PTN	PARTITION
PWR	POWER
Q	
QT	QUARRY TILE
QTR	QUARTER
QTY	QUANTITY

R	
R	RADIUS
RB	RESILIENT BASE
RCP	REFLECTED CEILING PLAN
REC	RECESSED
RECPT	RECEPTACLE
REINF	REINFORCED
REQD	REQUIRED
RM	ROOM
RO	ROUGH OPENING
S	
S	SOUTH
SAN	SANITARY
SCHED	SCHEDULE
SF	SQUARE FOOT (FEET)
SHT	SHEET
SIM	SIMILAR
SOW	SCOPE OF WORK
SPEC	SPECIFICATION
SPKLR	SPRINKLER
SPKR	SPEAKER
SQ	SQUARE
SS	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STOR	STORAGE
SUSP	SUSPEND
SV	SHEET VINYL
T	
T&G	TOUNGE AND GROOVE
TEMP	TEMPERED
TERR	TERRAZZO
THK	THICK
TO	TOP OF
TSTAT	THERMOSTAT
TYP	TYPICAL
U	
UNO	UNLESS NOTED OTHERWISE
V	
VAR	VARIES
VC	VA SUPPLIED, CONTRACTOR INSTALLED
VCT	VINYL COMPOSITION TILE
VENT	VENTILATION
VIF	VERIFY IN FIELD
VOL	VOLUME
VV	VA SUPPLIED & INSTALLED
VWC	VINYL WALL COVERING
W	
W	WEST
W/	WITH
W/O	WITHOUT
WC	WALL COVERING
WD	WOOD
WDW	WINDOW
WWM	WELDED WIRE FABRIC

INTERIOR ELEVATION LEGEND

- S S — LIGHT SWITCH
- P P — ELECTRICAL OUTLETS
- D D — DATA & PHONE
- CARD READER
- AV — FIRE ALARM HORN STROBE
- V — FIRE ALARM STROBE ONLY
- PT — FINISH TAG REFER TO ROOM FINISH SCHEDULE AND LEGEND ON SHEET GI601
- XXX — EQUIPMENT/FURNITURE/ACCESSORIES TAG

REFLECTED CEILING PLAN LEGEND

DEMOLITION LEGEND

- SUSPENDED ACOUSTIC CEILING TILE AND GRID TO BE REMOVED
- GYPSUM BOARD CEILING
- 2' X 4' LIGHT FIXTURE TO BE REMOVED
- 2' X 2' LIGHT FIXTURE TO BE REMOVED
- WALL MOUNTED LIGHT FIXTURE TO BE REMOVED
- RETURN AIR DIFFUSER TO BE REMOVED. REFER TO MECHANICAL.
- EXHAUST FAN TO BE REMOVED. REFER TO MECHANICAL.
- SUPPLY AIR DIFFUSER TO BE REMOVED. REFER TO MECHANICAL.
- SPEAKER TO BE REMOVED. REFER TO ELECTRICAL.
- SPRINKLER HEAD TO BE REMOVED. REFER TO FIRE PROTECTION.

NEW LEGEND

- SUSPENDED ACOUSTIC CEILING SYSTEM AS SCHEDULED
- GYPSUM BOARD CEILING SYSTEM AS SCHEDULED
- 2' X 4' LIGHT FIXTURE. REFER TO ELECTRICAL.
- 2' X 2' LIGHT FIXTURE. REFER TO ELECTRICAL.
- WALL MOUNTED LIGHT FIXTURE TO BE REMOVED
- RETURN AIR DIFFUSER. REFER TO MECHANICAL.
- EXHAUST FAN. REFER TO MECHANICAL.
- SUPPLY AIR DIFFUSER. REFER TO MECHANICAL.
- SPEAKER. REFER TO ELECTRICAL.
- SPRINKLER HEAD LOCATION. REFER TO FIRE PROTECTION.
- EXIT SIGN. REFER TO ELECTRICAL.

VA CONTRACT NO. 36C242-18-C-0004

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd. Suite 300
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T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: GENERAL - ABBREVIATIONS AND SYMBOLS LEGEND

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II

Project Number: 561-14-106

Building Number:

Drawing Number: GI004

Office of Construction and Facilities Management

VA Department of Veterans Affairs

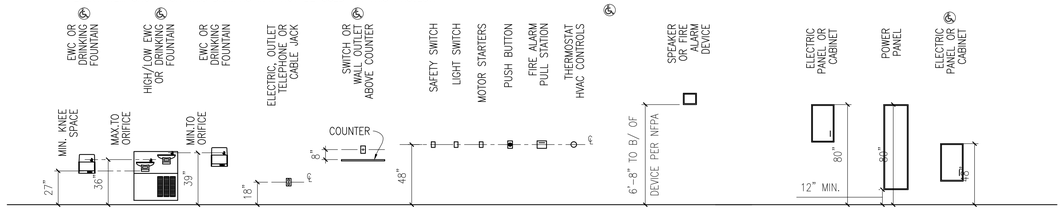
VA FORM 08-6231

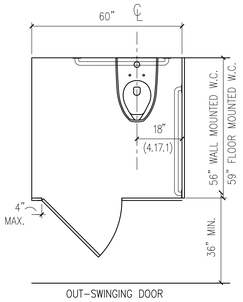
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TYPICAL MOUNTING HEIGHTS

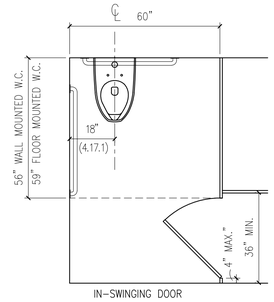
NOTES:
1. MOUNTING DIMENSIONS SHOW ACCESSIBLE AND NON-ACCESSIBLE CONDITIONS. WHEN ONLY ONE OPTION IS SHOWN – ALL ITEMS IN PROJECT SHALL BE ACCESSIBLE. WHEN ITEMS CAN BE ACCESSIBLE OR NON ACCESSIBLE DRAWINGS SHALL INDICATE LOCATION OF ACCESSIBLE ITEMS BY THIS SYMBOL:

2. COORDINATE ITEMS SHOWN ON THIS DRAWING WITH PLANS AND SPECIFICATIONS FOR ACTUAL ITEMS USED ON THIS PROJECT. EVERY ITEM SHOWN ON THIS DRAWING MAY NOT BE USED ON THIS PROJECT.

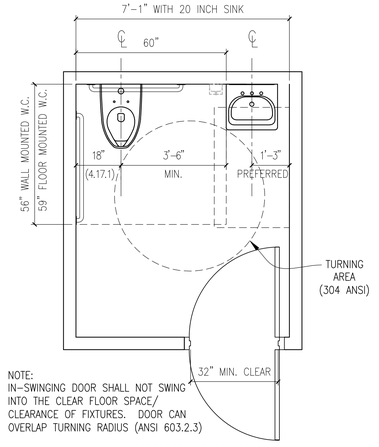




NOTE:
FRONT OR SIDE ENTRY DOOR MUST BE OPPOSITE WATER CLOSET LOCATION



NOTE:
IN-SWINGING DOOR SHALL NOT SWING INTO THE CLEAR FLOOR AREA OF WATER CLOSET (ANSI 604.8.1.2)



NOTE:
IN-SWINGING DOOR SHALL NOT SWING INTO THE CLEAR FLOOR SPACE/ CLEARANCE OF FIXTURES. DOOR CAN OVERLAP TURNING RADIUS (ANSI 603.2.3)

ACCESSIBLE STALLS – MINIMUM CLEARANCES

ACCESSIBLE SINGLE-OCCUPANCY TOILET ROOM MINIMUM CLEARANCES

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
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Revisions:	Date

KEY PLANS

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ARCHITECT + ENGINEERS:

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www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: GENERAL - STANDARD MOUNTING HEIGHTS

Approved Project Director:

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: JVJ

Project Number: 561-14-106

Building Number:

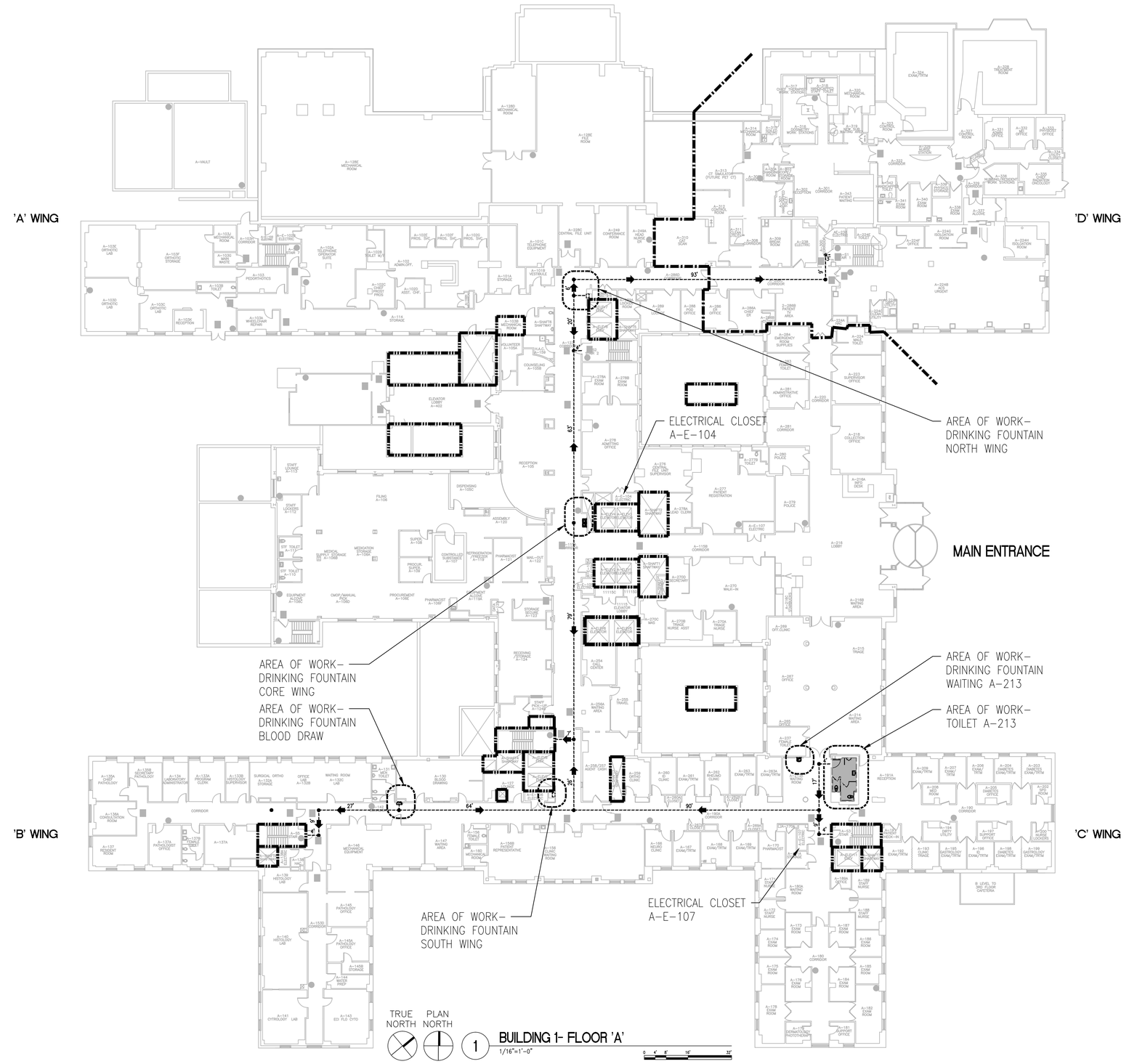
Drawing Number: G1005

Office of Construction and Facilities Management

Department of Veterans Affairs

100% CONSTRUCTION DOCUMENTS FOR BID

one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
three inches = one foot
one and one half inches = one foot
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VA FORM 08-6231



FIRE BARRIER LEGEND

- SMOKE BARRIER (30 MIN.)
- SMOKE BARRIER (1 HR)
- FIRE AND SMOKE BARRIER (1 HR)
- FIRE AND SMOKE BARRIER BARRIER (2 HR)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

SYMBOLS LIST

- FIRE EXTINGUISHER
- EXIT SIGN AND EMERGENCY LIGHTING
- AREA NOT IN CONTRACT
- 0'-0" EGRESS PATH AND DISTANCE

INTERIM LIFE SAFETY MEASURES- ILSM

1. CONTRACTOR SHALL REVIEW THE FOLLOWING SECTIONS WITHIN THE PROJECT MANUAL FOR A FULL WRITTEN DESCRIPTION OF INTERIM LIFE SAFETY MEASURES. SECTION 01 01 10, 1 HOUR CONSTRUCTION SMOKE BARRIER HOUR, SECTION 01 35 26, CH 1.13 - FSS, FIRE SAFETY SECTION, SECTION 01 35 26, CH 1.12- IC, INFECTION CONTROL AND SECTION 01 01 10, SN, SPECIAL NOTES.
2. CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY SMOKE DETECTORS AS PER VA REQUIREMENTS. CONNECT INTO EXISTING FIRE ALARM SYSTEM IN RESPECTIVE BUILDING AREA/ZONE. CONTRACTOR SHALL CONSULT WITH VA FIRE ALARM CONTROL COMPANY AND PERFORM CERTIFICATION TESTING THAT TEMPORARY DEVICES ARE IN OPERATION. SUBMIT WRITTEN CERTIFICATION TESTING REPORT TO THE COR. AT PROJECT COMPLETION PHASE CONTRACTOR SHALL REMOVE TEMPORARY SMOKE DETECTORS AND RESPECTIVE FIRE ALARM WRING AND CONDUITS.
3. ONCE TEMPORARY CONSTRUCTION/SMOKE BARRIERS AND SMOKE DETECTORS ARE IN PLACE THEN THE VA WILL DRAIN THE FIRE PROTECTION/SPRINKLER ZONE FOR PROJECT AREA/SPACE. CONTRACTOR SHALL ASSIST THE VA WITH THIS OPERATION AND SCOPE OF WORK.

3A. SMOKE DETECTORS SHALL BE COVERED DURING WORKING HOURS, AND UNCOVERED DURING NON-WORKING HOURS.

4. CONTRACTOR SHALL THEN REMOVE FIRE PROTECTION BRANCH PIPING FROM THE MAIN SPRINKLER LINE. PROVIDE CAPS/PLUGS AT RESPECTIVE BRANCH POINTS OFF THE MAINS. AFTER CAPS/PLUGS HAVE BEEN INSTALLED THEN THE VA WILL REFILL FIRE PROTECTION SYSTEM WITH WATER. CONTRACTOR SHALL INSPECT ALL CAP/PLUG LOCATIONS TO ASSURE A WATERTIGHT CONDITION AND MAKE ANY CORRECTIONS AS NECESSARY. REFER TO FIRE PROTECTION DRAWING FP-100 FOR EXTENT OF WORK.
5. AT PROJECT COMPLETION PHASE OF WORK THE VA WILL DRAIN THE FIRE PROTECTION/SPRINKLER SYSTEM FOR THE INSTALLATION OF THE RESPECTIVE BRANCH PIPING. ONCE BRANCH PIPING CONNECTIONS HAVE BEEN MADE THEN THE FIRE PROTECTION SYSTEM WILL BE REFILLED WITH WATER.
6. RENOVATED AREA IS NEW OCCUPANCY BUSINESS AND SHOULD BE FULLY SPRINKLED WITH QUICK RESPONSE SPRINKLERS (QRS).

ARCHITECTURAL BARRIERS ACT (ABA)

PER ICC/ANSI-A117.1- 2009 THE FOLLOWING COMPLY FULLY:

1. ACCESSIBLE MAIN ENTRY
2. ACCESSIBLE ROUTE FROM ENTRY TO ELEVATOR LOBBY & ACCESSIBLE ELEVATOR TO ALL FLOORS
3. ACCESSIBLE MEN'S AND WOMEN'S TOILET ROOMS.
4. ACCESSIBLE HI-LO DRINKING FOUNTAINS LOCATED IN BUILDING.
5. ALL CONTROLS AND OPERABLE PARTS FULLY COMPLY AND ARE BETWEEN 15" AND 48".
6. ALL SIGNAGE COMPLIES - IS OF BRAILLE AND TACTILE AND IS LOCATED ON THE DOOR HANDLE SIDE OF DOOR. INSTALLED AT APPROPRIATE HEIGHT AND DISTANCE FROM DOOR FRAME.

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
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www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: GENERAL - BUILDING 1- FLOOR 'A' OVERALL + LIFE SAFETY PLANS

Approved Project Director:

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

VA CONTRACT NO. 36C242-18-C-0004

Project Number: 561-14-106

Building Number: 1

Drawing Number: GI201A

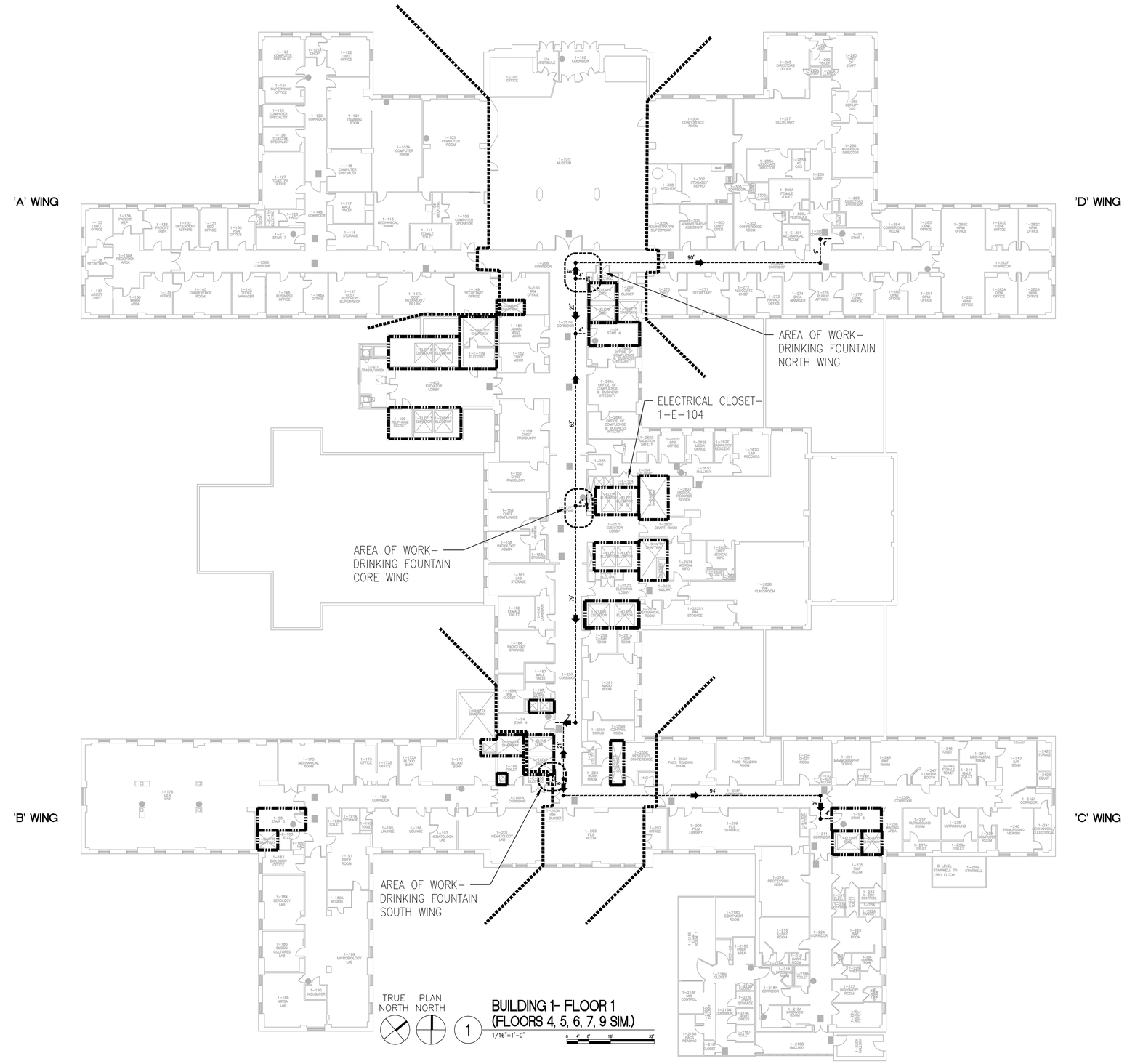
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

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one eighth inch = one foot
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FIRE BARRIER LEGEND

- SMOKE BARRIER (30 MIN.)
- SMOKE BARRIER (1 HR)
- FIRE AND SMOKE BARRIER (1 HR)
- FIRE AND SMOKE BARRIER BARRIER (2 HR)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

SYMBOLS LIST

- FIRE EXTINGUISHER
- EXIT SIGN AND EMERGENCY LIGHTING
- AREA NOT IN CONTRACT
- 0'–0" EGRESS PATH AND DISTANCE

INTERIM LIFE SAFETY MEASURES- ILSM

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ARCHITECTURAL BARRIERS ACT (ABA)

PER ICC/ANSI–A117.1– 2009 THE FOLLOWING COMPLY FULLY:

1. ACCESSIBLE MAIN ENTRY
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3. ACCESSIBLE MEN'S AND WOMEN'S TOILET ROOMS.
4. ACCESSIBLE HI–LO DRINKING FOUNTAINS LOCATED IN BUILDING.
5. ALL CONTROLS AND OPERABLE PARTS FULLY COMPLY AND ARE BETWEEN 15" AND 48".
6. ALL SIGNAGE COMPLIES – IS OF BRAILLE AND TACTILE AND IS LOCATED ON THE DOOR HANDLE SIDE OF DOOR. INSTALLED AT APPROPRIATE HEIGHT AND DISTANCE FROM DOOR FRAME.

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
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65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:
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700 Nicholas Blvd. Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: GENERAL – BUILDING 1- FLOOR 1 (FLOOR 4, 5 SIM.) OVERALL + LIFE SAFETY PLANS

Approved Project Director:

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

VA CONTRACT NO. 36C242-18-C-0004

Project Number: 561-14-106

Building Number: 1

Drawing Number: GI201B

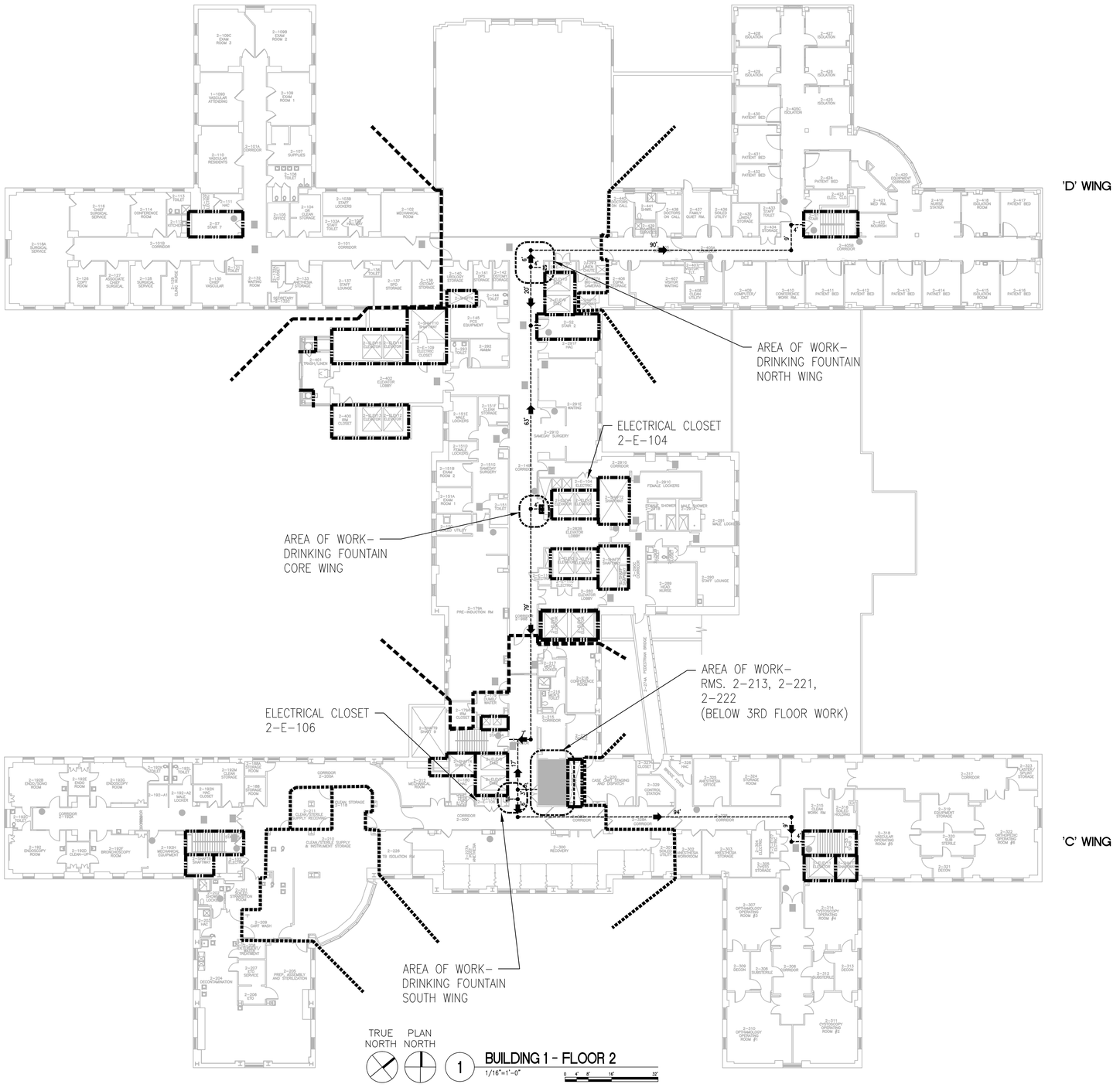
Office of Construction and Facilities Management

VA Department of Veterans Affairs

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VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID



FIRE BARRIER LEGEND

- SMOKE BARRIER (30 MIN.)
- SMOKE BARRIER (1 HR)
- FIRE AND SMOKE BARRIER (1 HR)
- FIRE AND SMOKE BARRIER BARRIER (2 HR)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

SYMBOLS LIST

- FIRE EXTINGUISHER
- EXIT SIGN AND EMERGENCY LIGHTING
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Bancroft-AE Project No. 17-113

Drawing Title: GENERAL – BUILDING 1- FLOOR 2 OVERALL + LIFE SAFETY PLANS

Approved Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: GI201C

Office of Construction and Facilities Management

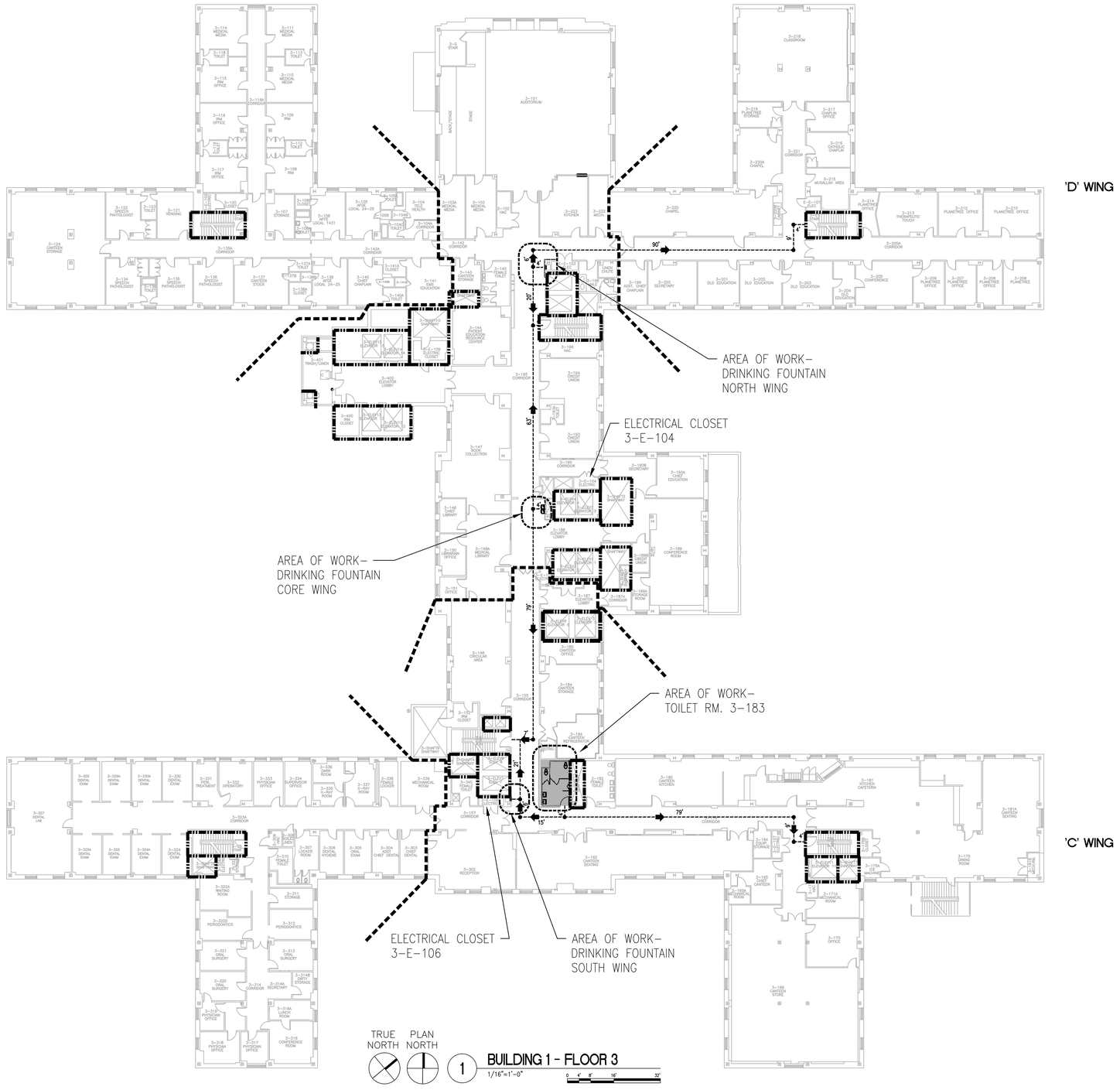
VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

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one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
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TRUE NORTH PLAN NORTH

1 BUILDING 1 - FLOOR 3
1/16"=1'-0"
0 4' 8' 16' 32'

FIRE BARRIER LEGEND

- SMOKE BARRIER (30 MIN.)
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www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: GENERAL - BUILDING 1- FLOOR 3 OVERALL + LIFE SAFETY PLANS

Approved Project Director

VA CONTRACT NO. 36C242-18-C-0004

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: JJ/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: GI201D

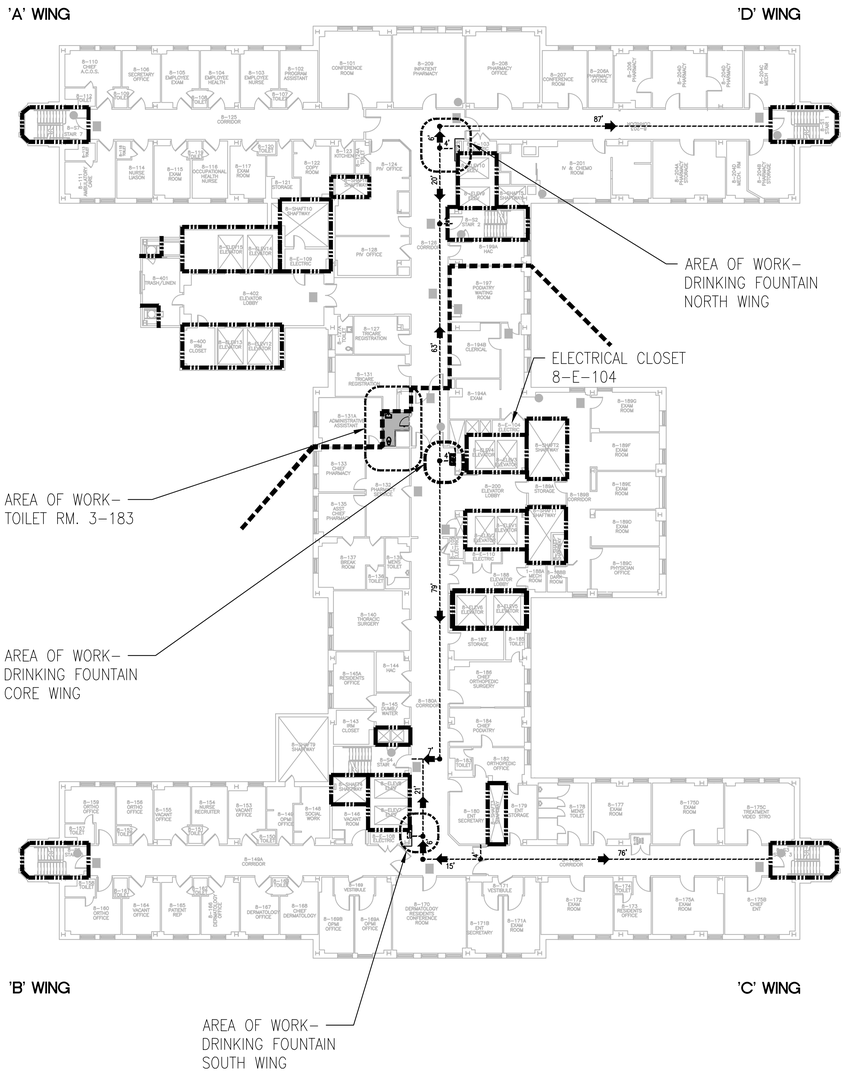
Office of Construction and Facilities Management

VA Department of Veterans Affairs

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VA FORM 08-6231

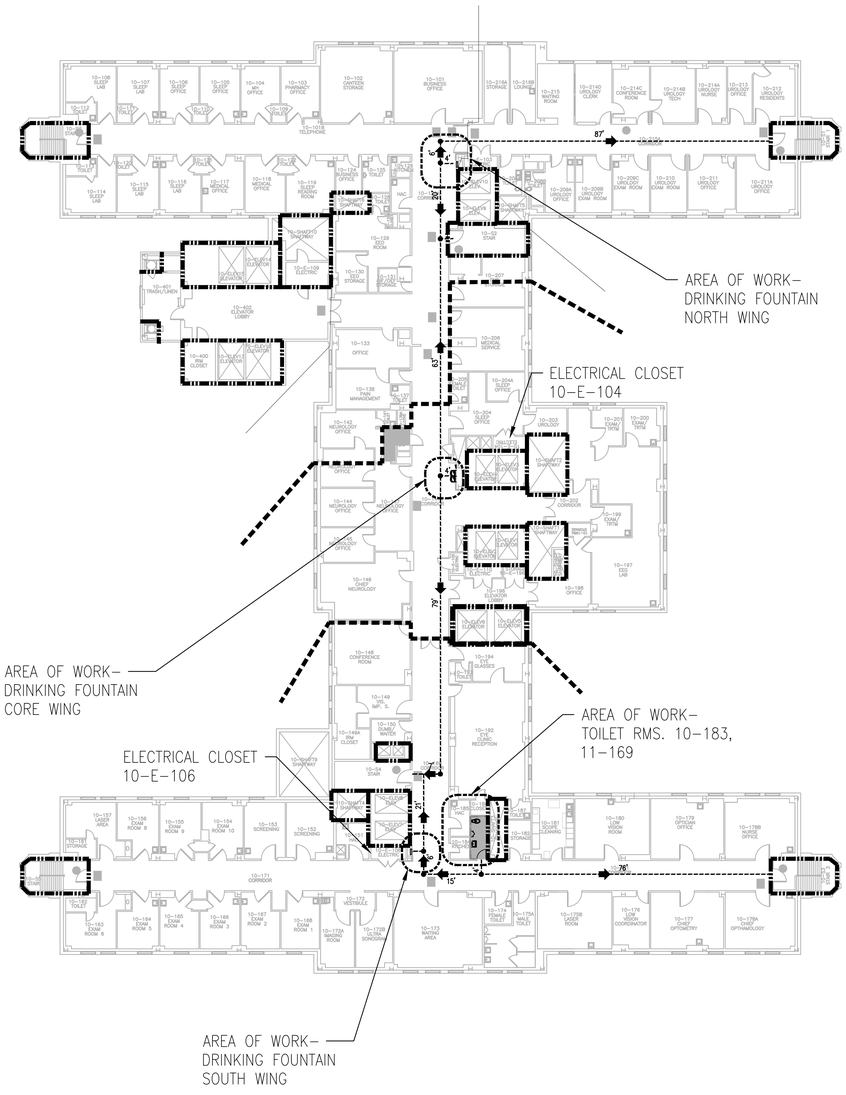


TRUE NORTH PLAN NORTH

1 BUILDING 1 - FLOOR 8

1/16"=1'–0"

0 4' 8' 16' 32'



TRUE NORTH PLAN NORTH

2 BUILDING 1 - FLOOR 10 (FLOOR 11 SIM.)

1/16"=1'–0"

0 4' 8' 16' 32'

FIRE BARRIER LEGEND

- SMOKE BARRIER (30 MIN.)
- SMOKE BARRIER (1 HR)
- FIRE AND SMOKE BARRIER (1 HR)
- FIRE AND SMOKE BARRIER BARRIER (2 HR)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

SYMBOLS LIST

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Bancroft-AE Project No. 17-113

Drawing Title: GENERAL – BUILDING 1- FLOOR 8, 10 (11 SIM.) OVERALL + LIFE SAFETY PLANS

Approved Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: GI201E

Office of Construction and Facilities Management

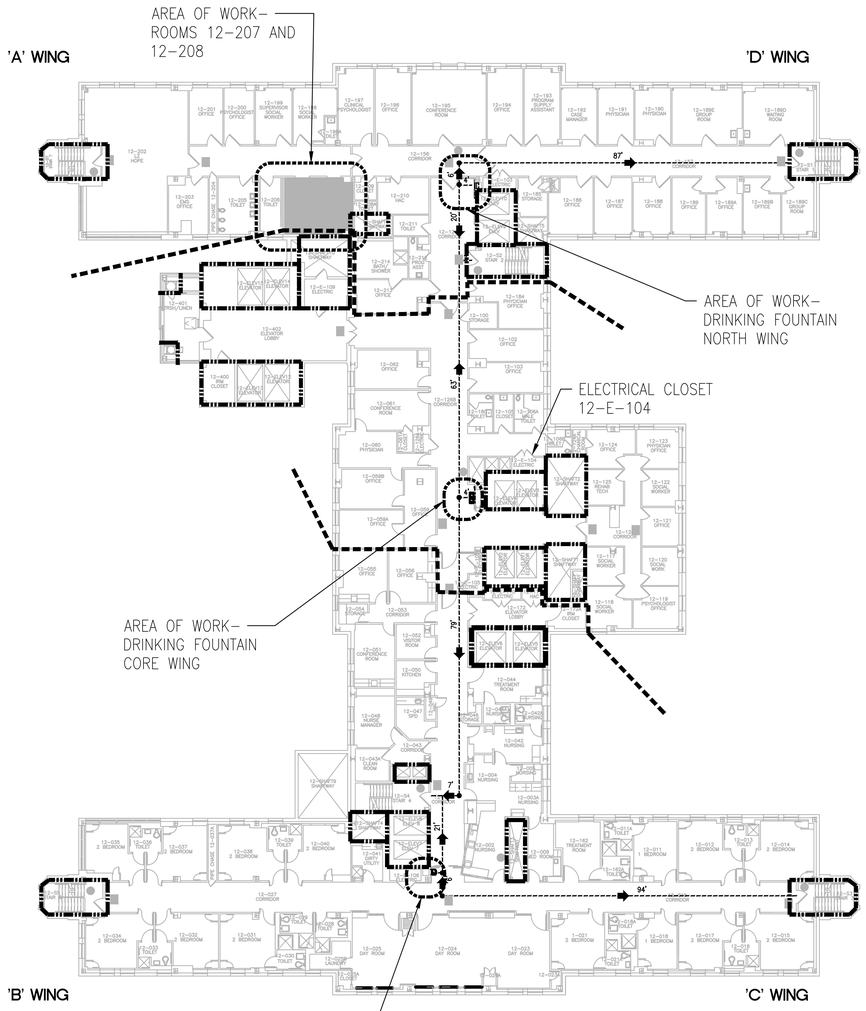
VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

VA FORM 08–6231

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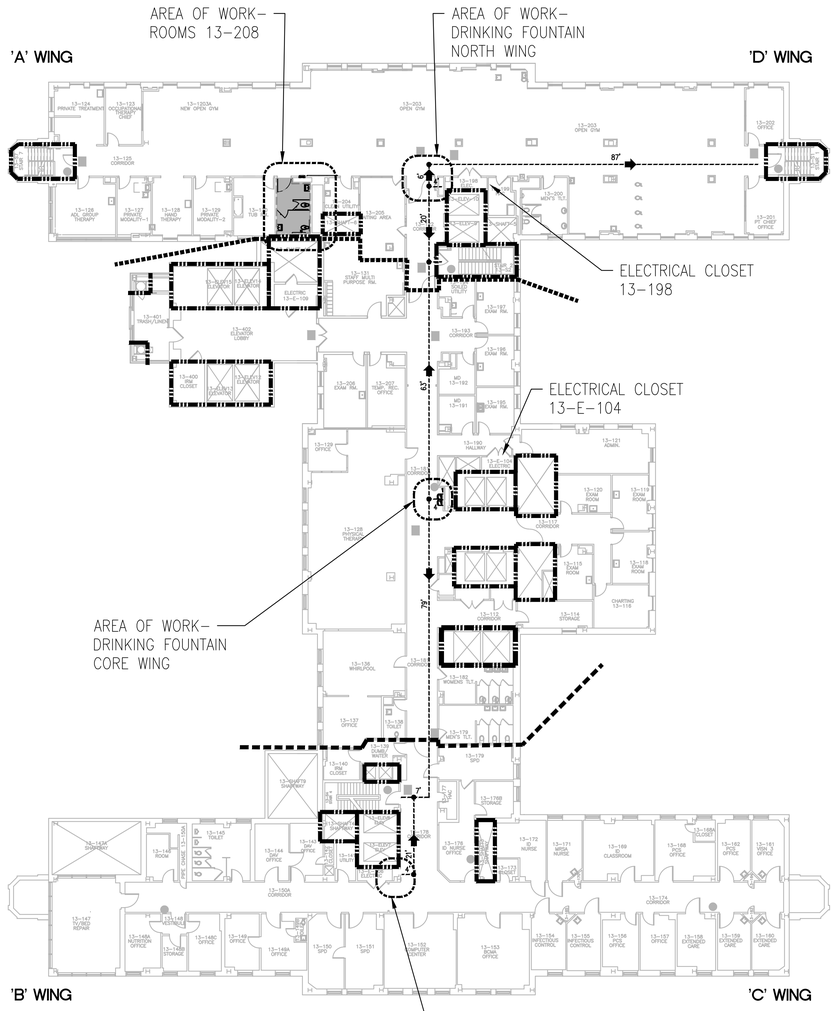
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TRUE NORTH PLAN NORTH

1 BUILDING 1 - FLOOR 12

1/16"=1'-0"



TRUE NORTH PLAN NORTH

2 BUILDING 1 - FLOOR 13

1/16"=1'-0"

FIRE BARRIER LEGEND

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- SMOKE BARRIER (1 HR)
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www.bancroft-ae.com

700 Nicholas Blvd. Suite 300
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Bancroft-AE Project No. 17-113

Drawing Title: GENERAL – BUILDING 1- FLOORS 12, 13 OVERALL + LIFE SAFETY PLANS

Approved Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: GI201F

Office of Construction and Facilities Management

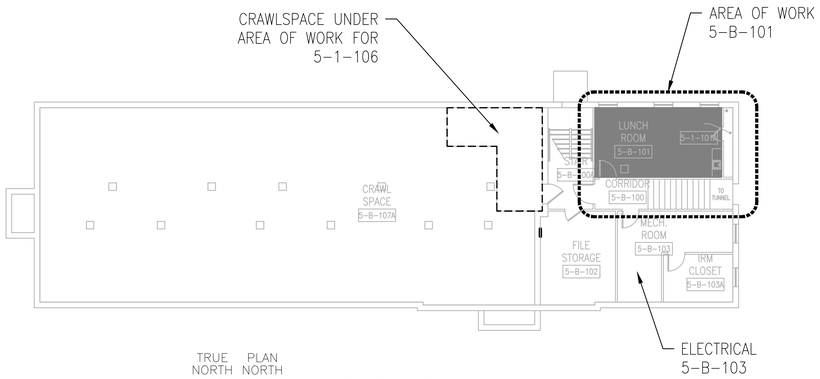
VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

VA FORM 08–6231

100% CONSTRUCTION DOCUMENTS FOR BID

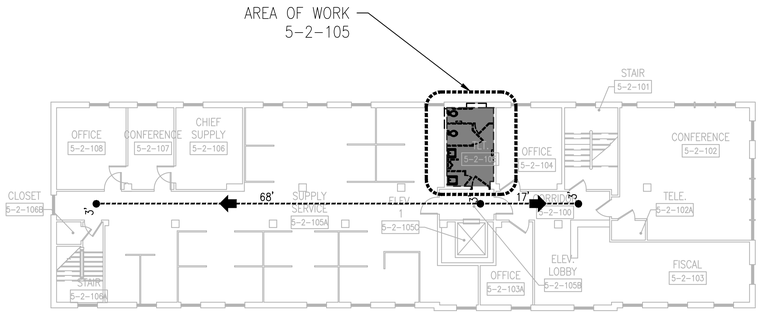
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
K:\CCG_PROJECTS\2017\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-GI201.dwg 1-11-20 10:23:09 PM Johnson



TRUE NORTH PLAN NORTH

1 BUILDING 5 - BASEMENT

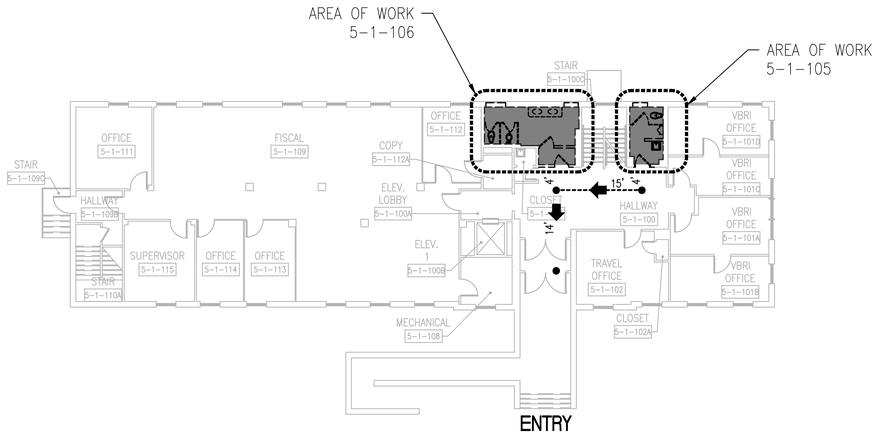
3/32"=1'-0"



TRUE NORTH PLAN NORTH

3 BUILDING 5 - 2ND FLOOR

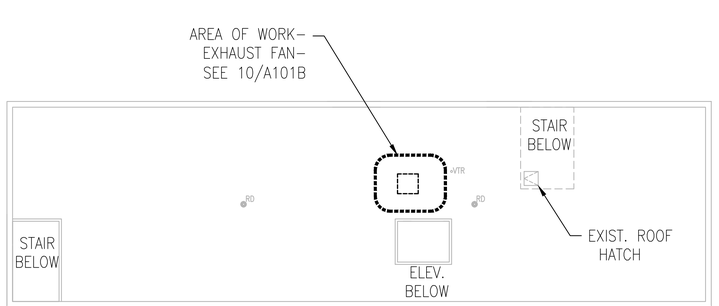
3/32"=1'-0"



TRUE NORTH PLAN NORTH

2 BUILDING 5 - 1ST FLOOR

3/32"=1'-0"



TRUE NORTH PLAN NORTH

4 BUILDING 5 - ROOF

3/32"=1'-0"

FIRE BARRIER LEGEND

- SMOKE BARRIER (30 MIN.)
- SMOKE BARRIER (1 HR)
- FIRE AND SMOKE BARRIER (1 HR)
- FIRE AND SMOKE BARRIER BARRIER (2 HR)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

SYMBOLS LIST

- FIRE EXTINGUISHER
- EXIT SIGN AND EMERGENCY LIGHTING
- AREA NOT IN CONTRACT
- 0'-0" EGRESS PATH AND DISTANCE

INTERIM LIFE SAFETY MEASURES- ILSM

1. CONTRACTOR SHALL REVIEW THE FOLLOWING SECTIONS WITHIN THE PROJECT MANUAL FOR A FULL WRITTEN DESCRIPTION OF INTERIM LIFE SAFETY MEASURES. SECTION 01 01 10, 1 HOUR CONSTRUCTION SMOKE BARRIER HOUR, SECTION 01 35 26, CH 1.13 – FSS, FIRE SAFETY SECTION, SECTION 01 35 26, CH 1.12– IC, INFECTION CONTROL AND SECTION 01 01 10, SN, SPECIAL NOTES.
2. CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY SMOKE DETECTORS AS PER VA REQUIREMENTS. CONNECT INTO EXISTING FIRE ALARM SYSTEM IN RESPECTIVE BUILDING AREA/ZONE. CONTRACTOR SHALL CONSULT WITH VA FIRE ALARM CONTROL COMPANY AND PERFORM CERTIFICATION TESTING THAT TEMPORARY DEVICES ARE IN OPERATION. SUBMIT WRITTEN CERTIFICATION TESTING REPORT TO THE COR. AT PROJECT COMPLETION PHASE CONTRACTOR SHALL REMOVE TEMPORARY SMOKE DETECTORS AND RESPECTIVE FIRE ALARM WRING AND CONDUITS.
3. ONCE TEMPORARY CONSTRUCTION/SMOKE BARRIERS AND SMOKE DETECTORS ARE IN PLACE THEN THE VA WILL DRAIN THE FIRE PROTECTION/SPRINKLER ZONE FOR PROJECT AREA/SPACE. CONTRACTOR SHALL ASSIST THE VA WITH THIS OPERATION AND SCOPE OF WORK.

3A. SMOKE DETECTORS SHALL BE COVERED DURING WORKING HOURS, AND UNCOVERED DURING NON-WORKING HOURS.

4. CONTRACTOR SHALL THEN REMOVE FIRE PROTECTION BRANCH PIPING FROM THE MAIN SPRINKLER LINE. PROVIDE CAPS/PLUGS AT RESPECTIVE BRANCH POINTS OFF THE MAINS. AFTER CAPS/PLUGS HAVE BEEN INSTALLED THEN THE VA WILL REFILL FIRE PROTECTION SYSTEM WITH WATER. CONTRACTOR SHALL INSPECT ALL CAP/PLUG LOCATIONS TO ASSURE A WATERTIGHT CONDITION AND MAKE ANY CORRECTIONS AS NECESSARY. REFER TO FIRE PROTECTION DRAWING FP-100 FOR EXTENT OF WORK.
5. AT PROJECT COMPLETION PHASE OF WORK THE VA WILL DRAIN THE FIRE PROTECTION/SPRINKLER SYSTEM FOR THE INSTALLATION OF THE RESPECTIVE BRANCH PIPING. ONCE BRANCH PIPING CONNECTIONS HAVE BEEN MADE THEN THE FIRE PROTECTION SYSTEM WILL BE REFILLED WITH WATER.
6. RENOVATED AREA IS NEW OCCUPANCY BUSINESS AND SHOULD BE FULLY SPRINKLED WITH QUICK RESPONSE SPRINKLERS (QRS).

ARCHITECTURAL BARRIERS ACT (ABA)

PER ICC/ANSI-A117.1- 2009 THE FOLLOWING COMPLY FULLY:

1. ACCESSIBLE MAIN ENTRY
2. ACCESSIBLE ROUTE FROM ENTRY TO ELEVATOR LOBBY & ACCESSIBLE ELEVATOR TO ALL FLOORS
3. ACCESSIBLE MEN'S AND WOMEN'S TOILET ROOMS.
4. ACCESSIBLE HI-LO DRINKING FOUNTAINS LOCATED IN BUILDING.
5. ALL CONTROLS AND OPERABLE PARTS FULLY COMPLY AND ARE BETWEEN 15" AND 48".
6. ALL SIGNAGE COMPLIES – IS OF BRAILLE AND TACTILE AND IS LOCATED ON THE DOOR HANDLE SIDE OF DOOR. INSTALLED AT APPROPRIATE HEIGHT AND DISTANCE FROM DOOR FRAME.

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
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T: 847.952.9362
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Bancroft-AE Project No. 17-113

Drawing Title: GENERAL - BUILDING 5- FLOORS BSMT, 1, 2, ROOF OVERALL AND LIFE SAFETY PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: - | Drawn: JVJ

Project Number: 561-14-106

Building Number: 1

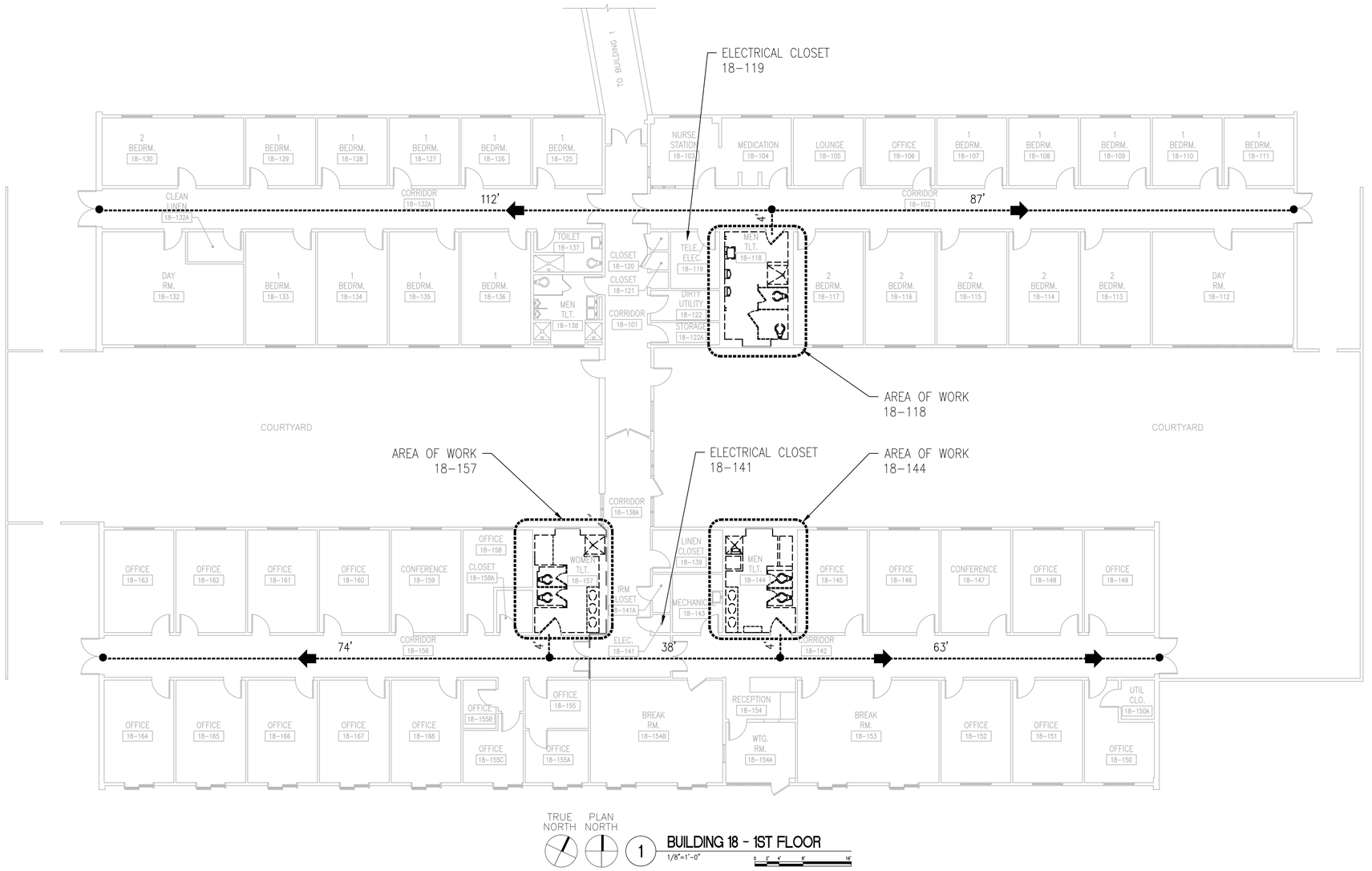
Drawing Number: GI202

Office of Construction and Facilities Management

VA Department of Veterans Affairs

100% CONSTRUCTION DOCUMENTS FOR BID

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FIRE BARRIER LEGEND

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- SMOKE BARRIER (1 HR)
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100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
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KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

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Bancroft-AE Project No. 17-113

Drawing Title: GENERAL - BUILDING 18- FLOOR 1 OVERALL AND LIFE SAFETY PLANS

Approved Project Director

VA CONTRACT NO. 36C242-18-C-0004

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: - | Drawn: JVJ

Project Number: 561-14-106

Building Number: 18

Drawing Number: GI203

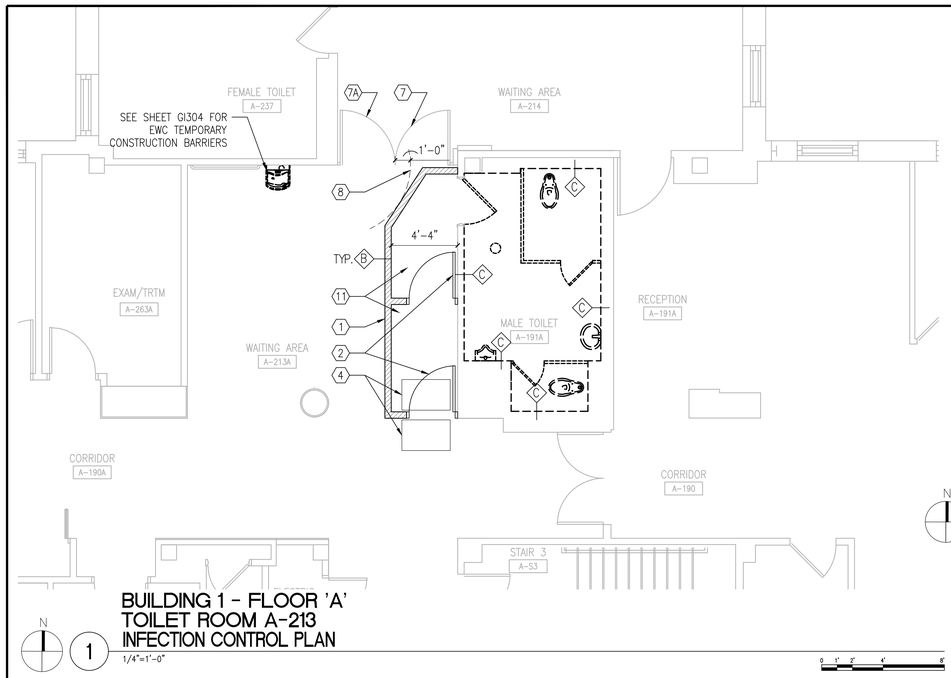
Office of Construction and Facilities Management

VA Department of Veterans Affairs

100% CONSTRUCTION DOCUMENTS FOR BID

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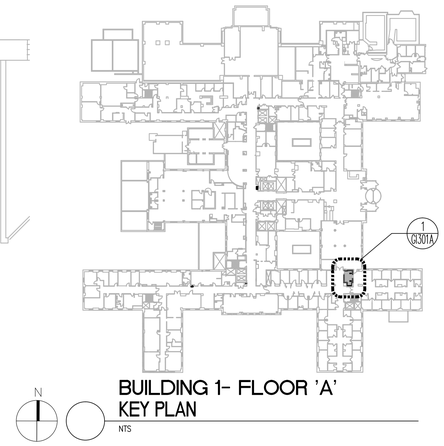
VA FORM 08-6231



N

BUILDING 1 - FLOOR 'A' TOILET ROOM A-213 INFECTION CONTROL PLAN

1 — 1/4"=1'-0"



N

BUILDING 1- FLOOR 'A' KEY PLAN

NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

DESCRIPTION OF REQUIRED INFECTION CONTROL PRECAUTIONS FOR CLASS IV

DURING CONSTRUCTION PROJECT

1. ISOLATE HVAC SYSTEM IN AREA WHERE WORK IS BEING DONE TO PREVENT CONTAMINATION OF DUCT SYSTEM.
2. COMPLETE ALL CRITICAL BARRIERS I.E. GWB, PLASTIC, TO SEAL AREA FROM NON WORK AREA OR IMPLEMENT CONTROL CUBE METHOD (CART W/PLASTIC COVERING AND SEALED CONNECTION TO WORK SITE WITH HEPA VACUUM FOR VACUUMING PRIOR TO EXIT) BEFORE CONSTRUCTION BEGINS. BARRIERS TO BE ERECTED AFTER 6:00PM M-F OR ANYTIME ON WEEKENDS.
3. MAINTAIN NEGATIVE AIR PRESSURE WITHIN WORK SITE UTILIZING HEPA EQUIPPED AIR FILTRATION UNITS.
4. SEAL HOLES, PIPES, CONDUITS, AND PUNCTURES APPROPRIATELY.
5. CONSTRUCT ANTEROOM & REQUIRE ALL PERSONNEL TO PASS THRU THIS ROOM SO THEY CAN BE VACUUMED USING A HEPA VACUUM CLEANER BEFORE LEAVING WORK SITE OR THEY CAN WEAR CLOTH OR PAPER COVERALLS THAT ARE REMOVED EACH TIME THEY LEAVE THE WORK SITE.
6. ALL PERSONNEL ENTERING THE WORK SITE FROM WORK AREA ARE REQUIRED TO WEAR SHOE COVERS & MUST BE CHANGED EACH TIME THE WORKER EXITS THE WORK AREA..
7. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS INSPECTED BY THE VA'S SAFETY DEPARTMENT & INFECTION CONTROL DEPARTMENT & THOROUGHLY CLEANED BY THE VA'S ENVIRONMENTAL SERVICES DEPARTMENT.

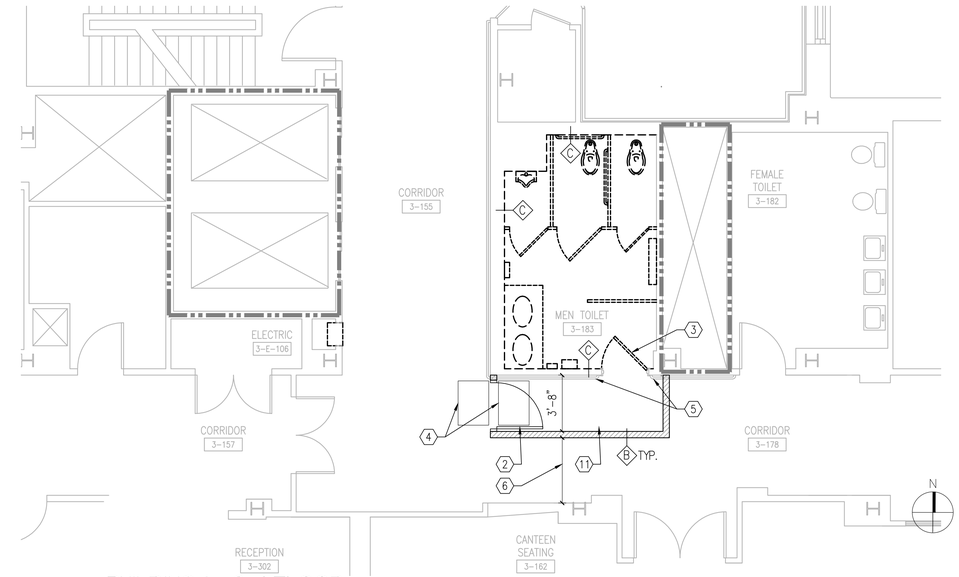
UPON COMPLETION OF PROJECT

1. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS INSPECTED BY THE C.O.R., VA'S SAFETY DEPARTMENT, AND INFECTION CONTROL DEPARTMENT, AND THOROUGHLY CLEANED BY THE VA'S ENVIRONMENTAL SERVICES DEPARTMENT.
2. REMOVE BARRIER MATERIALS CAREFULLY TO MINIMIZE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION. BARRIERS TO BE REMOVED AFTER 6:00PM M-F OR ANYTIME ON WEEKENDS.
3. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING UNLESS SOLID LID.
4. VACUUM WORK AREA WITH HEPA FILTERED VACUUMS.
5. WET MOP AREA WITH DISINFECTANT.
6. REMOVE ISOLATION OF HVAC SYSTEM IN AREAS WHERE WORK WAS BEING PERFORMED.
7. CLEAN WINDOWS-BOTH SIDES. COORDINATE W/ FACILITIES MANAGER FOR ACCESS.

* USE OPERABLE WINDOWS FOR HEPA AIR EXHAUST. OBTAIN VA C.O.R. APPROVAL FOR EXHAUSTING IN PROPOSED LOCATIONS.

INFECTION CONTROL NOTES

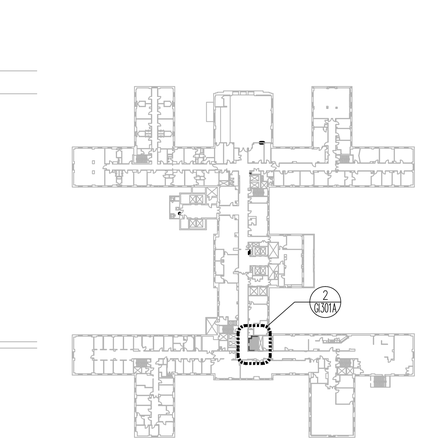
A. PROJECT 561-14-106 IDENTIFIED AS CLASS 4 RISK GROUP, REFER TO SPECIFICATION SECTION 01-35-26 SAFETY REQUIREMENTS, CHAPTER 1.12 INFECTION CONTROL FOR ADDITIONAL INFORMATION.
B. HVAC CONNECTIONS TO EXISTING SYSTEM TO BE DISCONNECTED DURING DEMOLITION AND CONSTRUCTION.
C. G.C. TO SUPPLY NEGATIVE PRESSURE MACHINE(S) OF SUFFICIENT SIZE & QUANTITY TO ADEQUATELY HANDLE CONSTRUCTION AREAS.
D. ALL AREAS OF NEGATIVE AIR WILL BE MONITORED BY A TRIATEK MONITOR PER VA GUIDELINES.
E. CONTRACTOR WILL VERIFY AND TEST NEGATIVE AIR FLOW.
F. CONTRACTOR TO MAINTAIN A NEGATIVE AIR PRESSURE LOG.
G. CONSTRUCTION BARRIER DETAILS TO FOLLOW DETAILS ON SHEET GI401 AND GI402.
H. ALL TEMPORARY CONSTRUCTION DOOR UNITS TO BE 1 HR. FIRE RATED ASSEMBLY WITH METAL DOORS AND LOCKSETS, HINGES, FRAMES, CLOSER AND SEALS..
I. ALL CONSTRUCTION ENTRANCES TO BE PROPERLY LABELED TO COMPLY WITH VA AND OSHA REQUIREMENTS.
J. CONTRACTOR TO PROVIDE WALK OFF MATS AND CHANGE THEM AS NEEDED AT EACH ENTRANCE POINT.
K. CONTRACTOR TO PROVIDE HAND SANITIZERS AT ALL ENTRANCE/EXIT POINTS ON CONSTRUCTION SIDE.
L. CONTRACTOR TO SUPPLY SPILL KIT, TO INCLUDE SHOP VAC, MULTI-PURPOSE SPILL CONTROL SORBENTS TO ABSORB NON-AGGRESSIVE LIQUIDS UP TO 30 GALLONS.
M. ALL NEW CONSTRUCTION MATERIALS, TOOLS AND EQUIPMENT PASSING THROUGH HOSPITAL TO BE COVERED WITH 4 MIL. POLY SHEETS.
N. THE CONTRACTOR SHALL NOT BLOCK OR HINDER THE USE OF THE BUILDINGS BY PATIENTS, STAFF & VISITORS.
O. ALL MATERIALS AND EQUIPMENT MUST BE PROPERLY STORED IN DESIGNATED AREAS.
P. ALL DEBRIS AND GARBAGE THAT IS TO BE REMOVED THROUGH THE HOSPITAL MUST BE CONTAINED IN DUMP CARTS DESIGNED FOR THAT PURPOSE AND MUST BE COVERED WITH A FULL COVER OR LID.
Q. FLAMMABLE MATERIALS MAY NOT BE STORED IN BUILDINGS.
R. COORDINATE DEBRIS REMOVAL W/ POSTED TIMES FOR LOADING DOCK AVAILABILITY. ALL DEBRIS REMOVAL AT LOADING DOCK OR COR APPROVED LOCATION ONLY.
S. SEAL/FIRESTOP ALL OPENINGS IN EXISTING 1 HR. SMOKE BARRIER WALLS AND EXISTING 2 HR. RATED FLOORS THAT ARE UP TO 4 INCHES IN DIAMETER. FIELD VERIFY CONDITION OF WALLS ABOVE FINISH CEILINGS AND FLOORS PRIOR TO CONSTRUCTION. IN ADDITION, SEAL/FIRESTOP ALL EXPOSED CONDUIT AND PIPING.



N

BUILDING 1 - 3rd FLOOR TOILET ROOM 3-183 INFECTION CONTROL LPLAN

2 — 1/4"=1'-0"



N

BUILDING 1- 3rd FLOOR KEY PLAN

NTS

FLOOR PLAN KEY NOTES

1. INSTALL TEMPORARY CONSTRUCTION BARRIER. SEE SHEET GI401 AND GI402 FOR TEMPORARY PARTITION TYPE.
1A. NEW FINISHED WALL TO BE USED AS TEMPORARY CONSTRUCTION BARRIER. REFER TO FLOOR PLAN FOR WALL PARTITION TYPE.
1B. TEMPORARY WALL SHALL BE CONSTRUCTED OF 60 MIL FIRE RETARDANT POLYETHYLENE SHEETING WITH ZIPPER ENTRANCE. BARRIER SHALL EXTEND FROM FLOOR TO BOTTOM OF CEILING. SHEETING SHALL BE FULLY SEALED AROUND PERIMTER.
2. INSTALL 36" CONSTRUCTION DOOR WITH SELF CLOSING DEVICE WITH RATED STOREROOM FUNCTION (PER WALL RATING REQUIRED) DOOR HARDWARE. GENERAL CONTRACTOR TO PROVIDE THE CONSTRUCTION DOOR FOR THE PROJECT. SEE PROJECT MANUAL SECTION 01 35 26, CH. 1.12 FOR BARRIER AND INFECTION CONTROL PROCEDURES.
2A. NEW DOOR FRAME AND TEMPORARY DOOR TO BE INSTALLED AS PART OF TEMPORARY WALL CONSTRUCTION. NEW WALL WITH DOOR FRAME SHALL REMAIN AS PART OF PERMANENT CONSTRUCTION. DOOR TO BE REPLACED WITH NEW.
3. USE EXISTING DOOR AS TEMPORARY CONSTRUCTION DOOR. DOOR SHALL BE REMOVED AND REPLACED WITH NEW PER DOOR SCHEDULE UPON COMPLETION OF WORK.
4. CONTRACTOR TO PROVIDE TACKY WALK-OFF MAT, 24" X 36" MINIMUM. CHANGE MATS AS NECESSARY TO PREVENT THE TRACKING OF DUST ON THE FLOORS.
5. EXISTING HANDRAIL TO BE REMOVED AND REINSTALLED UPON COMPLETION OF WORK.
6. DO NOT REDUCE WIDTH OF EXISTING CORRIDOR BY MORE THAN HALF THE WIDTH.
7. EXISTING DOOR LEAF TO BE INACTIVE DURING CONSTRUCTION PERIOD.
7A. EXISTING DOOR LEAF TO REMAIN ACTIVE DURING CONSTRUTION PERIOD.
8. MAINTAIN CLEARANCE BETWEEN DOOR SWING AND TEMPORARY CONSTRUCTION BARRIER. REFER TO DRAWING FOR REQUIRED DIMENSIONS.
9. REMOVE PORTION OF WALL AS REQUIRED FOR ACCESS TO NEW TOILET ROOM. UPON COMPLETION OF WORK, INFILL OPENING TO MATCH EXISTING WALL CONSTRUCTION. FINISH PER ROOM FINISH LEGEND.
10. INSTALL HEAVY DUTY FIRE RETARDANT POLY SHEETING AROUND DOOR/FRAME. FULLY SEAL PERIMETER OF SHEETING AROUND FRAME.
11. PROVIDE FLOOR PROTECTION. REMOVE UPON COMPLETION OF CONSTRUCTION.

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
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KEY PLANS

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ARCHITECT + ENGINEERS:

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700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: GENERAL - BUILDING 1- FLOORS 'A', 3 INFECTION CONTROL PLANS

Approved: Project Director

VA CONTRACT NO. 36C242-18-C-0004

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: - | Drawn: JVJ

Project Number: 561-14-106

Building Number: 1

Drawing Number: GI301A

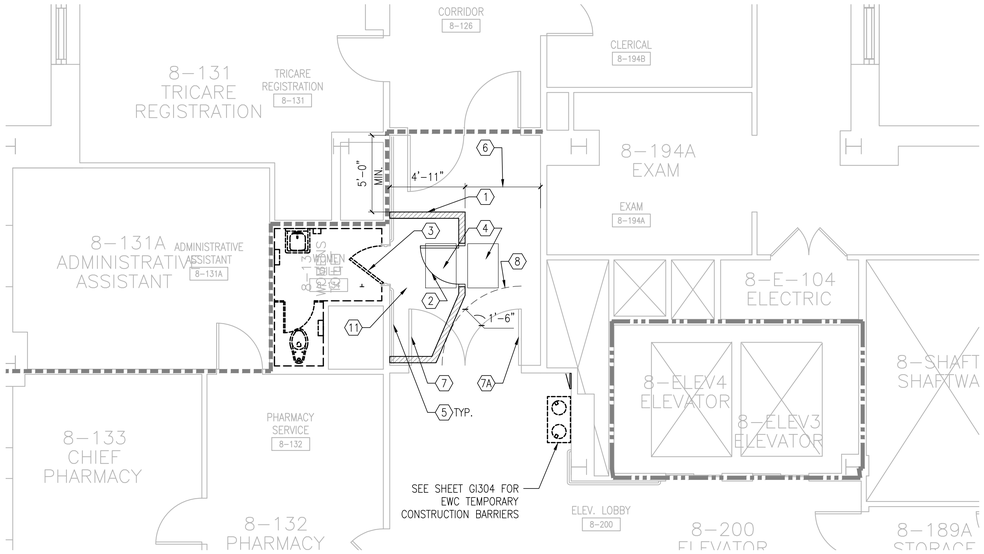
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

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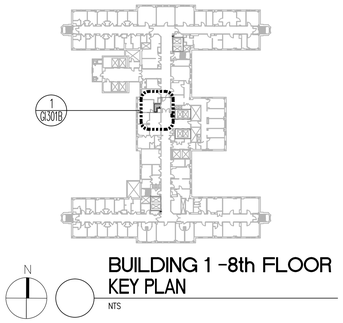
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1

BUILDING 1 - 8TH FLOOR TOILET ROOM 8-134 INFECTION CONTROL PLAN

1/4"=1'-0"

0 1' 2' 4' 8'



N

BUILDING 1 -8th FLOOR KEY PLAN

NTS

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DURING CONSTRUCTION PROJECT

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2. COMPLETE ALL CRITICAL BARRIERS I.E. GWB, PLASTIC, TO SEAL AREA FROM NON WORK AREA OR IMPLEMENT CONTROL CUBE METHOD (CART W/PLASTIC COVERING AND SEALED CONNECTION TO WORK SITE WITH HEPA VACUUM FOR VACUUMING PRIOR TO EXIT) BEFORE CONSTRUCTION BEGINS. BARRIERS TO BE ERECTED AFTER 6:00PM M-F OR ANYTIME ON WEEKENDS.
3. MAINTAIN NEGATIVE AIR PRESSURE WITHIN WORK SITE UTILIZING HEPA EQUIPPED AIR FILTRATION UNITS.
4. SEAL HOLES, PIPES, CONDUITS, AND PUNCTURES APPROPRIATELY.
5. CONSTRUCT ANTEROOM & REQUIRE ALL PERSONNEL TO PASS THRU THIS ROOM SO THEY CAN BE VACUUMED USING A HEPA VACUUM CLEANER BEFORE LEAVING WORK SITE OR THEY CAN WEAR CLOTH OR PAPER COVERALLS THAT ARE REMOVED EACH TIME THEY LEAVE THE WORK SITE.
6. ALL PERSONNEL ENTERING THE WORK SITE FROM WORK AREA ARE REQUIRED TO WEAR SHOE COVERS & MUST BE CHANGED EACH TIME THE WORKER EXITS THE WORK AREA..
7. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS INSPECTED BY THE VA'S SAFETY DEPARTMENT & INFECTION CONTROL DEPARTMENT & THOROUGHLY CLEANED BY THE VA'S ENVIRONMENTAL SERVICES DEPARTMENT.

UPON COMPLETION OF PROJECT

1. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS INSPECTED BY THE C.O.R., VA'S SAFETY DEPARTMENT, AND INFECTION CONTROL DEPARTMENT, AND THOROUGHLY CLEANED BY THE VA'S ENVIRONMENTAL SERVICES DEPARTMENT.
2. REMOVE BARRIER MATERIALS CAREFULLY TO MINIMIZE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION. BARRIERS TO BE REMOVED AFTER 6:00PM M-F OR ANYTIME ON WEEKENDS.
3. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING UNLESS SOLID LID.
4. VACUUM WORK AREA WITH HEPA FILTERED VACUUMS.
5. WET MOP AREA WITH DISINFECTANT.
6. REMOVE ISOLATION OF HVAC SYSTEM IN AREAS WHERE WORK WAS BEING PERFORMED.
7. CLEAN WINDOWS-BOTH SIDES. COORDINATE W/ FACILITIES MANAGER FOR ACCESS.

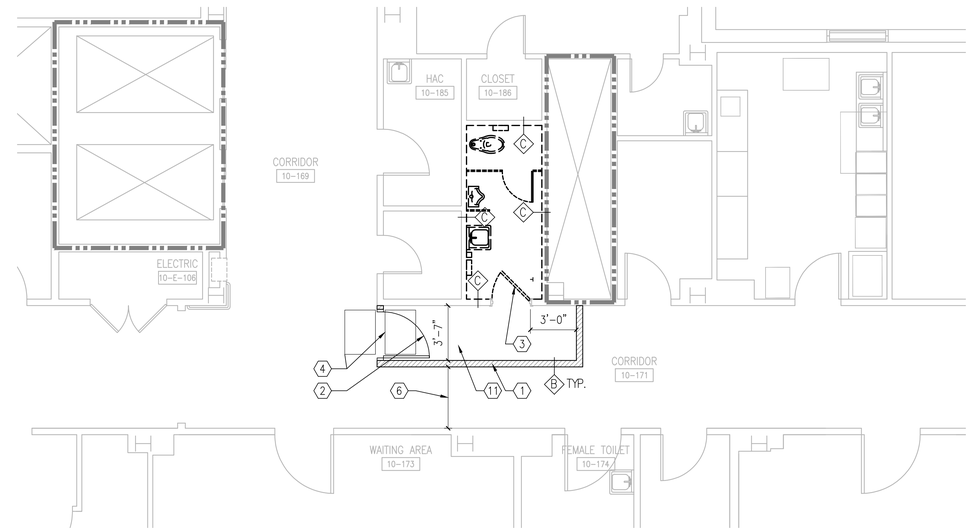
* USE OPERABLE WINDOWS FOR HEPA AIR EXHAUST. OBTAIN VA C.O.R. APPROVAL FOR EXHAUSTING IN PROPOSED LOCATIONS.

INFECTION CONTROL NOTES

A. PROJECT 561-14-106 IDENTIFIED AS CLASS 4 RISK GROUP, REFER TO SPECIFICATION SECTION 01-35-26 SAFETY REQUIREMENTS, CHAPTER 1.12 INFECTION CONTROL FOR ADDITIONAL INFORMATION.
B. HVAC CONNECTIONS TO EXISTING SYSTEM TO BE DISCONNECTED DURING DEMOLITION AND CONSTRUCTION.
C. G.C. TO SUPPLY NEGATIVE PRESSURE MACHINE(S) OF SUFFICIENT SIZE & QUANTITY TO ADEQUATELY HANDLE CONSTRUCTION AREAS.
D. ALL AREAS OF NEGATIVE AIR WILL BE MONITORED BY A TRIATEK MONITOR PER VA GUIDELINES.
E. CONTRACTOR WILL VERIFY AND TEST NEGATIVE AIR FLOW.
F. CONTRACTOR TO MAINTAIN A NEGATIVE AIR PRESSURE LOG.
G. CONSTRUCTION BARRIER DETAILS TO FOLLOW DETAILS ON SHEET GI401 AND GI402.
H. ALL TEMPORARY CONSTRUCTION DOOR UNITS TO BE 1 HR. FIRE RATED ASSEMBLY WITH METAL DOORS AND LOCKSETS, HINGES, FRAMES, CLOSER AND SEALS..
I. ALL CONSTRUCTION ENTRANCES TO BE PROPERLY LABELED TO COMPLY WITH VA AND OSHA REQUIREMENTS.
J. CONTRACTOR TO PROVIDE WALK OFF MATS AND CHANGE THEM AS NEEDED AT EACH ENTRANCE POINT.
K. CONTRACTOR TO PROVIDE HAND SANITIZERS AT ALL ENTRANCE/EXIT POINTS ON CONSTRUCTION SIDE.
L. CONTRACTOR TO SUPPLY SPILL KIT, TO INCLUDE SHOP VAC, MULTI-PURPOSE SPILL CONTROL SORBENTS TO ABSORB NON-AGGRESSIVE LIQUIDS UP TO 30 GALLONS.
M. ALL NEW CONSTRUCTION MATERIALS, TOOLS AND EQUIPMENT PASSING THROUGH HOSPITAL TO BE COVERED WITH 4 MIL. POLY SHEETS.
N. THE CONTRACTOR SHALL NOT BLOCK OR HINDER THE USE OF THE BUILDINGS BY PATIENTS, STAFF & VISITORS.
O. ALL MATERIALS AND EQUIPMENT MUST BE PROPERLY STORED IN DESIGNATED AREAS.
P. ALL DEBRIS AND GARBAGE THAT IS TO BE REMOVED THROUGH THE HOSPITAL MUST BE CONTAINED IN DUMP CARTS DESIGNED FOR THAT PURPOSE AND MUST BE COVERED WITH A FULL COVER OR LID.
Q. FLAMMABLE MATERIALS MAY NOT BE STORED IN BUILDINGS.
R. COORDINATE DEBRIS REMOVAL W/ POSTED TIMES FOR LOADING DOCK AVAILABILITY. ALL DEBRIS REMOVAL AT LOADING DOCK OR COR APPROVED LOCATION ONLY.
S. SEAL/FIRESTOP ALL OPENINGS IN EXISTING 1 HR. SMOKE BARRIER WALLS AND EXISTING 2 HR. RATED FLOORS THAT ARE UP TO 4 INCHES IN DIAMETER. FIELD VERIFY CONDITION OF WALLS ABOVE FINISH CEILINGS AND FLOORS PRIOR TO CONSTRUCTION. IN ADDITION, SEAL/FIRESTOP ALL EXPOSED CONDUIT AND PIPING.

(X) FLOOR PLAN KEY NOTES

1. INSTALL TEMPORARY CONSTRUCTION BARRIER. SEE SHEET GI401 AND GI402 FOR TEMPORARY PARTITION TYPE..
1A. NEW FINISHED WALL TO BE USED AS TEMPORARY CONSTRUCTION BARRIER. REFER TO FLOOR PLAN FOR WALL PARTITION TYPE..
1B. TEMPORARY WALL SHALL BE CONSTRUCTED OF 60 MIL FIRE RETARDANT POLYETHYLENE SHEETING WITH ZIPPER ENTRANCE. BARRIER SHALL EXTEND FROM FLOOR TO BOTTOM OF CEILING. SHEETING SHALL BE FULLY SEALED AROUND PERIMTER.
2. INSTALL 36" CONSTRUCTION DOOR WITH SELF CLOSING DEVICE WITH RATED STOREROOM FUNCTION (PER WALL RATING REQUIRED) DOOR HARDWARE. GENERAL CONTRACTOR TO PROVIDE THE CONSTRUCTION DOOR FOR THE PROJECT. SEE PROJECT MANUAL SECTION 01 35 26, CH. 1.12 FOR BARRIER AND INFECTION CONTROL PROCEDURES.
2A. NEW DOOR FRAME AND TEMPORARY DOOR TO BE INSTALLED AS PART OF TEMPORARY WALL CONSTRUCTION. NEW WALL WITH DOOR FRAME SHALL REMAIN AS PART OF PERMANENT CONSTRUCTION. DOOR TO BE REPLACED WITH NEW.
3. USE EXISTING DOOR AS TEMPORARY CONSTRUCTION DOOR. DOOR SHALL BE REMOVED AND REPLACED WITH NEW PER DOOR SCHEDULE UPON COMPLETION OF WORK.
4. CONTRACTOR TO PROVIDE TACKY WALK-OFF MAT, 24" X 36" MINIMUM. CHANGE MATS AS NECESSARY TO PREVENT THE TRACKING OF DUST ON THE FLOORS.
5. EXISTING HANDRAIL TO BE REMOVED AND REINSTALLED UPON COMPLETION OF WORK.
6. DO NOT REDUCE WIDTH OF EXISTING CORRIDOR BY MORE THAN HALF THE WIDTH.
7. EXISTING DOOR LEAF TO BE INACTIVE DURING CONSTRUCTION PERIOD.
7A. EXISTING DOOR LEAF TO REMAIN ACTIVE DURING CONSTRUTION PERIOD.
8. MAINTAIN CLEARANCE BETWEEN DOOR SWING AND TEMPORARY CONSTRUCTION BARRIER. REFER TO DRAWING FOR REQUIRED DIMENSIONS.
9. REMOVE PORTION OF WALL AS REQUIRED FOR ACCESS TO NEW TOILET ROOM. UPON COMPLETION OF WORK, INFILL OPENING TO MATCH EXISTING WALL CONSTRUCTION. FINISH PER ROOM FINISH LEGEND.
10. INSTALL HEAVY DUTY FIRE RETARDANT POLY SHEETING AROUND DOOR/FRAME. FULLY SEAL PERIMETER OF SHEETING AROUND FRAME.
11. PROVIDE FLOOR PROTECTION. REMOVE UPON COMPLETION OF CONSTRUCTION.



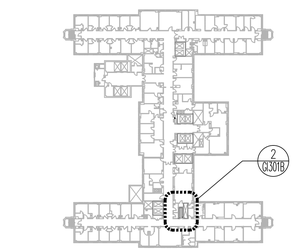
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2

BUILDING 1 - 10TH FLOOR TOILET ROOM 10-183 INFECTION CONTROL LPLAN

1/4"=1'-0"

0 1' 2' 4' 8'



N

BUILDING 1 -10th FLOOR KEY PLAN

NTS

VA CONTRACT NO. 36C242-18-C-0004

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:
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T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: GENERAL - BUILDING 1- FLOORS 8, 10 INFECTION CONTROL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: - | Drawn: JVJ

Project Number: 561-14-106

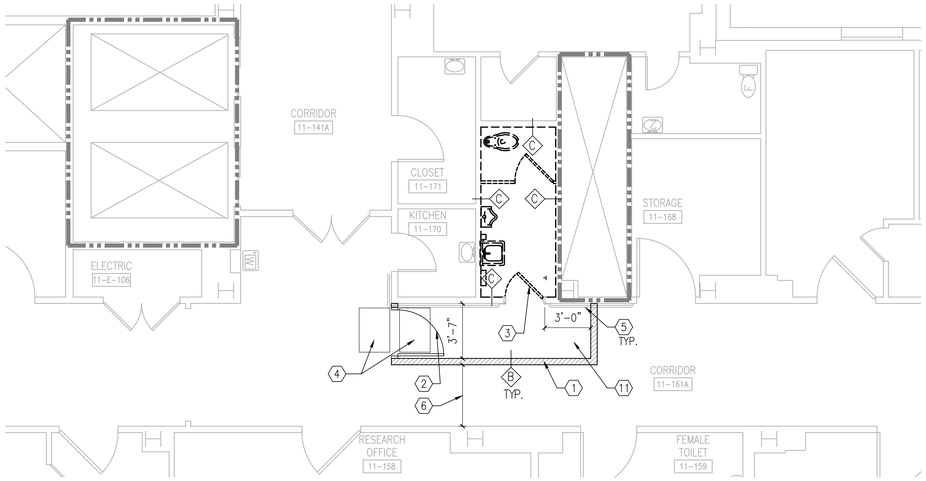
Building Number: 1

Drawing Number: GI301B

Office of Construction and Facilities Management

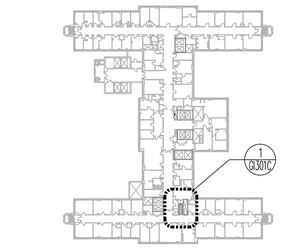
VA Department of Veterans Affairs

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BUILDING 1 - 11TH FLOOR
TOILET ROOM 11-169
INFECTION CONTROL PLAN

N 1 1/4"=1'-0"



BUILDING 1- 11th FLOOR
KEY PLAN
NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

DESCRIPTION OF REQUIRED INFECTION CONTROL PRECAUTIONS FOR CLASS IV

DURING CONSTRUCTION PROJECT

1. ISOLATE HVAC SYSTEM IN AREA WHERE WORK IS BEING DONE TO PREVENT CONTAMINATION OF DUCT SYSTEM.
2. COMPLETE ALL CRITICAL BARRIERS I.E. GWB, PLASTIC, TO SEAL AREA FROM NON WORK AREA OR IMPLEMENT CONTROL CUBE METHOD (CART W/PLASTIC COVERING AND SEALED CONNECTION TO WORK SITE WITH HEPA VACUUM FOR VACUUMING PRIOR TO EXIT) BEFORE CONSTRUCTION BEGINS. BARRIERS TO BE ERECTED AFTER 6:00PM M-F OR ANYTIME ON WEEKENDS.
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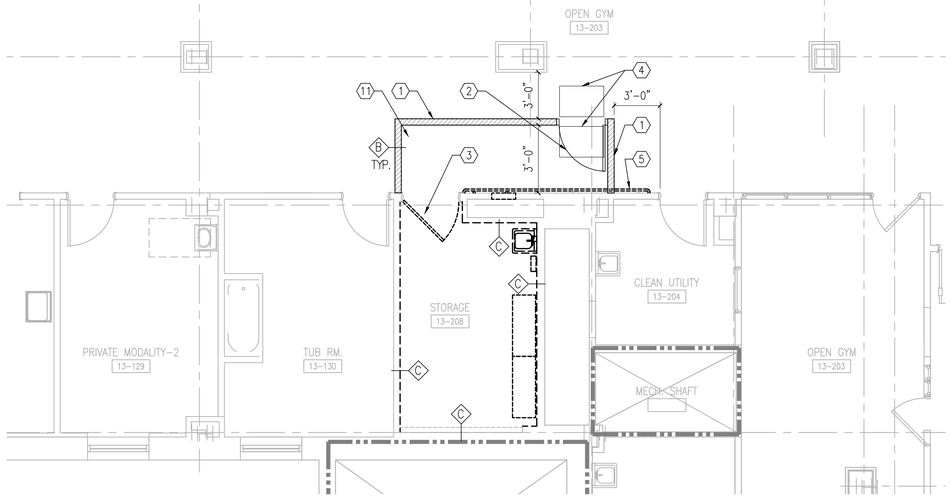
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INFECTION CONTROL NOTES

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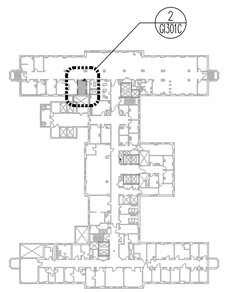
ⓧ FLOOR PLAN KEY NOTES

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11. PROVIDE FLOOR PROTECTION. REMOVE UPON COMPLETION OF CONSTRUCTION.



BUILDING 1 - 13TH FLOOR
TOILET ROOM 13-208
INFECTION CONTROL LPLAN

N 2 1/4"=1'-0"



BUILDING 1- 13th FLOOR
KEY PLAN
NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
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700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: GENERAL - BUILDING 1- FLOORS 11, 13 INFECTION CONTROL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date	Checked	Drawn
01/13/20	-	JVJ

Project Number: 561-14-106

Building Number: 1

Drawing Number: GI301C

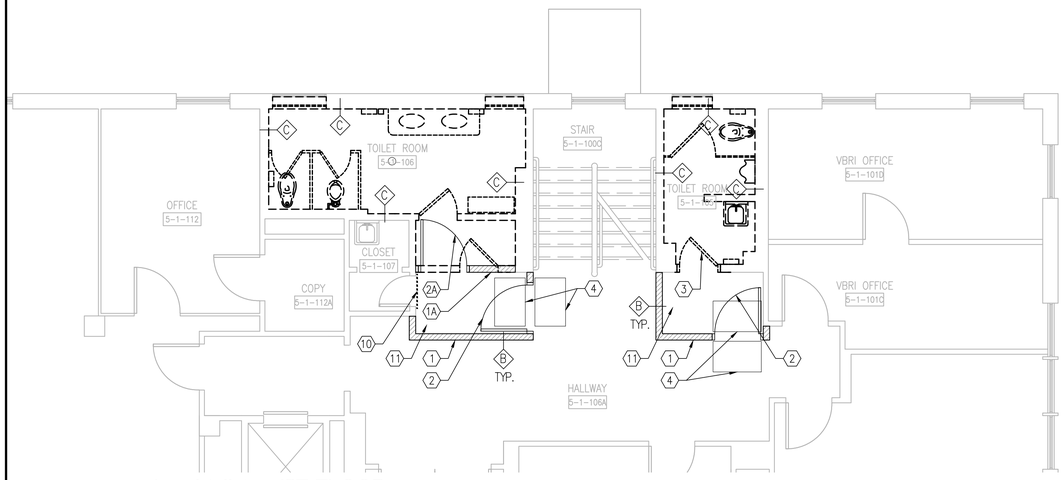
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

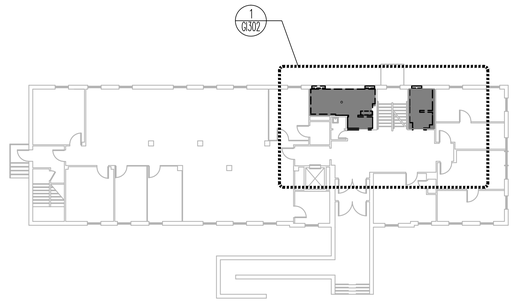
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N 1

BUILDING 5 - 1ST FLOOR
TOILET ROOM 5-1-106/ 5-1-105
INFECTION CONTROL PLAN

1/4"=1'-0"



N

BUILDING 5 - 1ST FLOOR
KEY PLAN

NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

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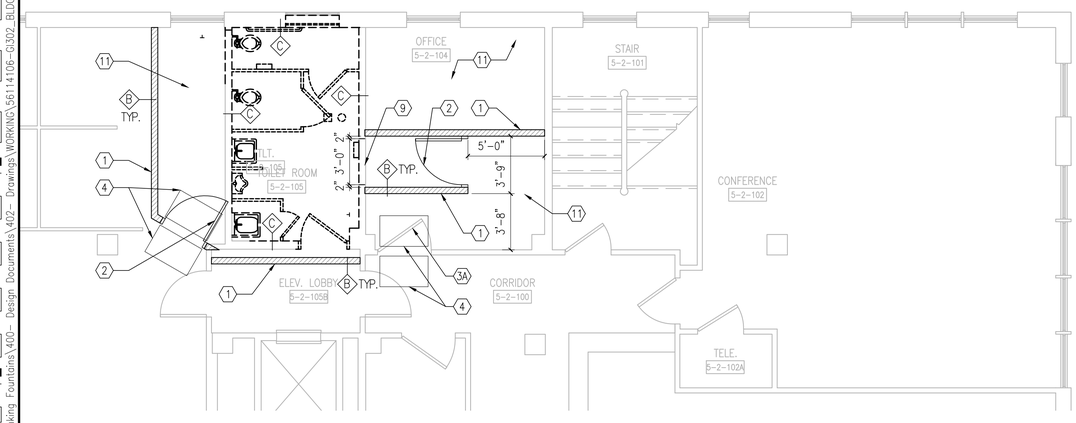
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INFECTION CONTROL NOTES

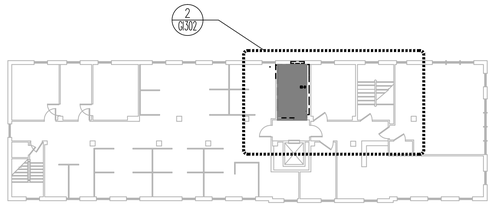
A. PROJECT 561-14-106 IDENTIFIED AS CLASS 4 RISK GROUP, REFER TO SPECIFICATION SECTION 01-35-26 SAFETY REQUIREMENTS, CHAPTER 1.12 INFECTION CONTROL FOR ADDITIONAL INFORMATION.
B. HVAC CONNECTIONS TO EXISTING SYSTEM TO BE DISCONNECTED DURING DEMOLITION AND CONSTRUCTION.
C. G.C. TO SUPPLY NEGATIVE PRESSURE MACHINE(S) OF SUFFICIENT SIZE & QUANTITY TO ADEQUATELY HANDLE CONSTRUCTION AREAS.
D. ALL AREAS OF NEGATIVE AIR WILL BE MONITORED BY A TRIATEK MONITOR PER VA GUIDELINES.
E. CONTRACTOR WILL VERIFY AND TEST NEGATIVE AIR FLOW.
F. CONTRACTOR TO MAINTAIN A NEGATIVE AIR PRESSURE LOG.
G. CONSTRUCTION BARRIER DETAILS TO FOLLOW DETAILS ON SHEET GI401 AND GI402.
H. ALL TEMPORARY CONSTRUCTION DOOR UNITS TO BE 1 HR. FIRE RATED ASSEMBLY WITH METAL DOORS AND LOCKSETS, HINGES, FRAMES, CLOSER AND SEALS..
I. ALL CONSTRUCTION ENTRANCES TO BE PROPERLY LABELED TO COMPLY WITH VA AND OSHA REQUIREMENTS.
J. CONTRACTOR TO PROVIDE WALK OFF MATS AND CHANGE THEM AS NEEDED AT EACH ENTRANCE POINT.
K. CONTRACTOR TO PROVIDE HAND SANITIZERS AT ALL ENTRANCE/EXIT POINTS ON CONSTRUCTION SIDE.
L. CONTRACTOR TO SUPPLY SPILL KIT, TO INCLUDE SHOP VAC, MULTI-PURPOSE SPILL CONTROL SORBENTS TO ABSORB NON-AGGRESSIVE LIQUIDS UP TO 30 GALLONS.
M. ALL NEW CONSTRUCTION MATERIALS, TOOLS AND EQUIPMENT PASSING THROUGH HOSPITAL TO BE COVERED WITH 4 MIL. POLY SHEETS.
N. THE CONTRACTOR SHALL NOT BLOCK OR HINDER THE USE OF THE BUILDINGS BY PATIENTS, STAFF & VISITORS.
O. ALL MATERIALS AND EQUIPMENT MUST BE PROPERLY STORED IN DESIGNATED AREAS.
P. ALL DEBRIS AND GARBAGE THAT IS TO BE REMOVED THROUGH THE HOSPITAL MUST BE CONTAINED IN DUMP CARTS DESIGNED FOR THAT PURPOSE AND MUST BE COVERED WITH A FULL COVER OR LID.
Q. FLAMMABLE MATERIALS MAY NOT BE STORED IN BUILDINGS.
R. COORDINATE DEBRIS REMOVAL W/ POSTED TIMES FOR LOADING DOCK AVAILABILITY. ALL DEBRIS REMOVAL AT LOADING DOCK OR COR APPROVED LOCATION ONLY.
S. SEAL/FIRESTOP ALL OPENINGS IN EXISTING 1 HR. SMOKE BARRIER WALLS AND EXISTING 2 HR. RATED FLOORS THAT ARE UP TO 4 INCHES IN DIAMETER. FIELD VERIFY CONDITION OF WALLS ABOVE FINISH CEILINGS AND FLOORS PRIOR TO CONSTRUCTION. IN ADDITION, SEAL/FIRESTOP ALL EXPOSED CONDUIT AND PIPING.



N 2

BUILDING 5 - 2ND FLOOR
TOILET ROOM 5-2-105
INFECTION CONTROL PLAN

1/4"=1'-0"



N

BUILDING 5 - 2nd FLOOR
KEY PLAN

NTS

FLOOR PLAN KEY NOTES

1. INSTALL TEMPORARY CONSTRUCTION BARRIER. SEE SHEET GI401 AND GI402 FOR TEMPORARY PARTITION TYPE.
1A. NEW FINISHED WALL TO BE USED AS TEMPORARY CONSTRUCTION BARRIER. REFER TO FLOOR PLAN FOR WALL PARTITION TYPE.
1B. TEMPORARY WALL SHALL BE CONSTRUCTED OF 60 MIL FIRE RETARDANT POLYETHYLENE SHEETING WITH ZIPPER ENTRANCE. BARRIER SHALL EXTEND FROM FLOOR TO BOTTOM OF CEILING. SHEETING SHALL BE FULLY SEALED AROUND PERIMTER.
2. INSTALL 36" CONSTRUCTION DOOR WITH SELF CLOSING DEVICE WITH RATED STOREROOM FUNCTION (PER WALL RATING REQUIRED) DOOR HARDWARE. GENERAL CONTRACTOR TO PROVIDE THE CONSTRUCTION DOOR FOR THE PROJECT. SEE PROJECT MANUAL SECTION 01 35 26, CH. 1.12 FOR BARRIER AND INFECTION CONTROL PROCEDURES.
2A. NEW DOOR FRAME AND TEMPORARY DOOR TO BE INSTALLED AS PART OF TEMPORARY WALL CONSTRUCTION. NEW WALL WITH DOOR FRAME SHALL REMAIN AS PART OF PERMANENT CONSTRUCTION. DOOR TO BE REPLACED WITH NEW.
3. USE EXISTING DOOR AS TEMPORARY CONSTRUCTION DOOR. DOOR SHALL BE REMOVED AND REPLACED WITH NEW PER DOOR SCHEDULE UPON COMPLETION OF WORK.
4. CONTRACTOR TO PROVIDE TACKY WALK-OFF MAT, 24" X 36" MINIMUM. CHANGE MATS AS NECESSARY TO PREVENT THE TRACKING OF DUST ON THE FLOORS.
5. EXISTING HANDRAIL TO BE REMOVED AND REINSTALLED UPON COMPLETION OF WORK.
6. DO NOT REDUCE WIDTH OF EXISTING CORRIDOR BY MORE THAN HALF THE WIDTH.
7. EXISTING DOOR LEAF TO BE INACTIVE DURING CONSTRUCTION PERIOD.
7A. EXISTING DOOR LEAF TO REMAIN ACTIVE DURING CONSTRUTION PERIOD.
8. MAINTAIN CLEARANCE BETWEEN DOOR SWING AND TEMPORARY CONSTRUCTION BARRIER. REFER TO DRAWING FOR REQUIRED DIMENSIONS.
9. REMOVE PORTION OF WALL AS REQUIRED FOR ACCESS TO NEW TOILET ROOM. UPON COMPLETION OF WORK, INFILL OPENING TO MATCH EXISTING WALL CONSTRUCTION. FINISH PER ROOM FINISH LEGEND.
10. INSTALL HEAVY DUTY FIRE RETARDANT POLY SHEETING AROUND DOOR/FRAME. FULLY SEAL PERIMETER OF SHEETING AROUND FRAME.
11. PROVIDE FLOOR PROTECTION. REMOVE UPON COMPLETION OF CONSTRUCTION.

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

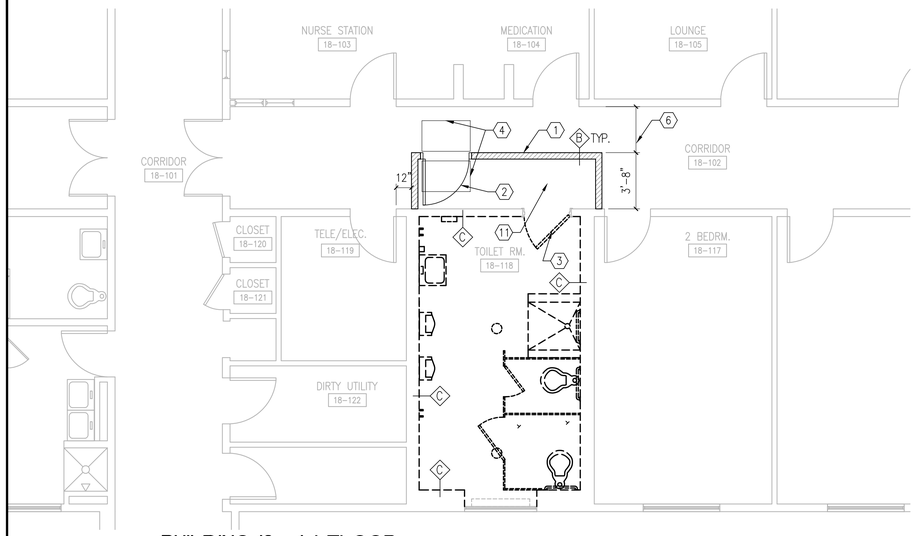
VA CONTRACT NO. 36C242-18-C-0004

Drawing Title: GENERAL - BUILDING 5- FLOORS 1, 2 INFECTION CONTROL PLANS	Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS	Project Number: 561-14-106	Office of Construction and Facilities Management
Approved: Project Director	Location: EAST ORANGE, NJ	Building Number: 5	
	Date: 01/13/20 / Checked: - / Drawn: JVJ	Drawing Number: GI302	VA Department of Veterans Affairs

K:\CCS_PROJECTS\2017\17-113_36C242180004_Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-GI302_BLDG 5.dwg 1-12-20 07:17:43 PM Johnson

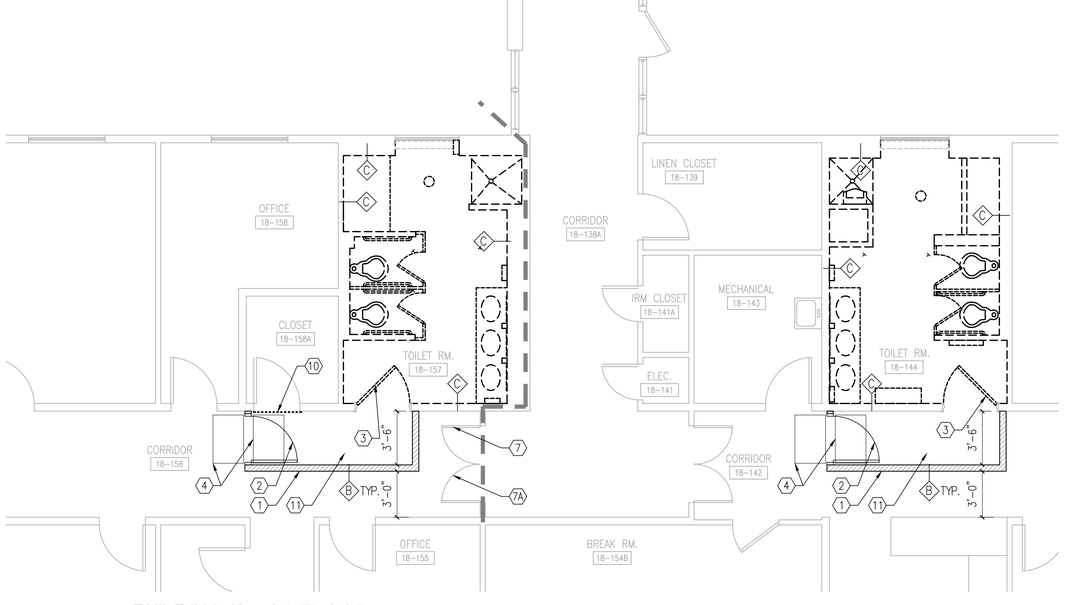
VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID



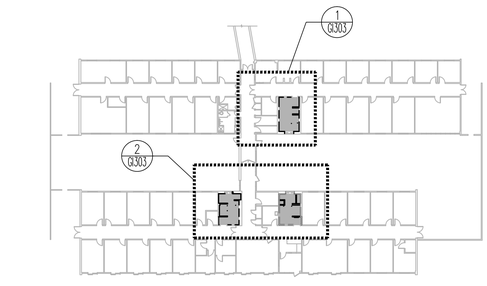
BUILDING 18 - 1st FLOOR
TOILET ROOM 18-118
INFECTION CONTROL FLOOR PLAN

1/4"=1'-0"



BUILDING 18 - 1st FLOOR
TOILET ROOM 18-144/18-157
INFECTION CONTROL FLOOR PLAN

1/4"=1'-0"



KEY PLAN - BUILDING 18- 1ST FLOOR

NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

DESCRIPTION OF REQUIRED INFECTION CONTROL PRECAUTIONS FOR CLASS IV

DURING CONSTRUCTION PROJECT

1. ISOLATE HVAC SYSTEM IN AREA WHERE WORK IS BEING DONE TO PREVENT CONTAMINATION OF DUCT SYSTEM.
2. COMPLETE ALL CRITICAL BARRIERS I.E. GWB, PLASTIC, TO SEAL AREA FROM NON WORK AREA OR IMPLEMENT CONTROL CUBE METHOD (CART W/PLASTIC COVERING AND SEALED CONNECTION TO WORK SITE WITH HEPA VACUUM FOR VACUUMING PRIOR TO EXIT) BEFORE CONSTRUCTION BEGINS. BARRIERS TO BE ERECTED AFTER 6:00PM M-F OR ANYTIME ON WEEKENDS.
3. MAINTAIN NEGATIVE AIR PRESSURE WITHIN WORK SITE UTILIZING HEPA EQUIPPED AIR FILTRATION UNITS.
4. SEAL HOLES, PIPES, CONDUITS, AND PUNCTURES APPROPRIATELY.
5. CONSTRUCT ANTEROOM & REQUIRE ALL PERSONNEL TO PASS THRU THIS ROOM SO THEY CAN BE VACUUMED USING A HEPA VACUUM CLEANER BEFORE LEAVING WORK SITE OR THEY CAN WEAR CLOTH OR PAPER COVERALLS THAT ARE REMOVED EACH TIME THEY LEAVE THE WORK SITE.
6. ALL PERSONNEL ENTERING THE WORK SITE FROM WORK AREA ARE REQUIRED TO WEAR SHOE COVERS & MUST BE CHANGED EACH TIME THE WORKER EXITS THE WORK AREA..
7. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS INSPECTED BY THE VA'S SAFETY DEPARTMENT & INFECTION CONTROL DEPARTMENT & THOROUGHLY CLEANED BY THE VA'S ENVIRONMENTAL SERVICES DEPARTMENT.

UPON COMPLETION OF PROJECT

1. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS INSPECTED BY THE C.O.R., VA'S SAFETY DEPARTMENT, AND INFECTION CONTROL DEPARTMENT, AND THOROUGHLY CLEANED BY THE VA'S ENVIRONMENTAL SERVICES DEPARTMENT.
2. REMOVE BARRIER MATERIALS CAREFULLY TO MINIMIZE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION. BARRIERS TO BE REMOVED AFTER 6:00PM M-F OR ANYTIME ON WEEKENDS.
3. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING UNLESS SOLID LID.
4. VACUUM WORK AREA WITH HEPA FILTERED VACUUMS.
5. WET MOP AREA WITH DISINFECTANT.
6. REMOVE ISOLATION OF HVAC SYSTEM IN AREAS WHERE WORK WAS BEING PERFORMED.
7. CLEAN WINDOWS-BOTH SIDES. COORDINATE W/ FACILITIES MANAGER FOR ACCESS.

* USE OPERABLE WINDOWS FOR HEPA AIR EXHAUST. OBTAIN VA C.O.R. APPROVAL FOR EXHAUSTING IN PROPOSED LOCATIONS.

INFECTION CONTROL NOTES

A. PROJECT 561-14-106 IDENTIFIED AS CLASS 4 RISK GROUP, REFER TO SPECIFICATION SECTION 01-35-26 SAFETY REQUIREMENTS, CHAPTER 1.12 INFECTION CONTROL FOR ADDITIONAL INFORMATION.
B. HVAC CONNECTIONS TO EXISTING SYSTEM TO BE DISCONNECTED DURING DEMOLITION AND CONSTRUCTION.
C. G.C. TO SUPPLY NEGATIVE PRESSURE MACHINE(S) OF SUFFICIENT SIZE & QUANTITY TO ADEQUATELY HANDLE CONSTRUCTION AREAS.
D. ALL AREAS OF NEGATIVE AIR WILL BE MONITORED BY A TRIATEK MONITOR PER VA GUIDELINES.
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F. CONTRACTOR TO MAINTAIN A NEGATIVE AIR PRESSURE LOG.
G. CONSTRUCTION BARRIER DETAILS TO FOLLOW DETAILS ON SHEET GI401 AND GI402.
H. ALL TEMPORARY CONSTRUCTION DOOR UNITS TO BE 1 HR. FIRE RATED ASSEMBLY WITH METAL DOORS AND LOCKSETS, HINGES, FRAMES, CLOSER AND SEALS..
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M. ALL NEW CONSTRUCTION MATERIALS, TOOLS AND EQUIPMENT PASSING THROUGH HOSPITAL TO BE COVERED WITH 4 MIL. POLY SHEETS.
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Q. FLAMMABLE MATERIALS MAY NOT BE STORED IN BUILDINGS.
R. COORDINATE DEBRIS REMOVAL W/ POSTED TIMES FOR LOADING DOCK AVAILABILITY. ALL DEBRIS REMOVAL AT LOADING DOCK OR COR APPROVED LOCATION ONLY.
S. SEAL/FIRESTOP ALL OPENINGS IN EXISTING 1 HR. SMOKE BARRIER WALLS AND EXISTING 2 HR. RATED FLOORS THAT ARE UP TO 4 INCHES IN DIAMETER. FIELD VERIFY CONDITION OF WALLS ABOVE FINISH CEILINGS AND FLOORS PRIOR TO CONSTRUCTION. IN ADDITION, SEAL/FIRESTOP ALL EXPOSED CONDUIT AND PIPING.

FLOOR PLAN KEY NOTES

1. INSTALL TEMPORARY CONSTRUCTION BARRIER. SEE SHEET GI401 AND GI402 FOR TEMPORARY PARTITION TYPE.
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1B. TEMPORARY WALL SHALL BE CONSTRUCTED OF 60 MIL FIRE RETARDANT POLYETHYLENE SHEETING WITH ZIPPER ENTRANCE. BARRIER SHALL EXTEND FROM FLOOR TO BOTTOM OF CEILING. SHEETING SHALL BE FULLY SEALED AROUND PERIMTER.
2. INSTALL 36" CONSTRUCTION DOOR WITH SELF CLOSING DEVICE WITH RATED STOREROOM FUNCTION (PER WALL RATING REQUIRED) DOOR HARDWARE. GENERAL CONTRACTOR TO PROVIDE THE CONSTRUCTION DOOR FOR THE PROJECT. SEE PROJECT MANUAL SECTION 01 35 26, CH. 1.12 FOR BARRIER AND INFECTION CONTROL PROCEDURES.
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4. CONTRACTOR TO PROVIDE TACKY WALK-OFF MAT, 24" X 36" MINIMUM. CHANGE MATS AS NECESSARY TO PREVENT THE TRACKING OF DUST ON THE FLOORS.
5. EXISTING HANDRAIL TO BE REMOVED AND REINSTALLED UPON COMPLETION OF WORK.
6. DO NOT REDUCE WIDTH OF EXISTING CORRIDOR BY MORE THAN HALF THE WIDTH.
7. EXISTING DOOR LEAF TO BE INACTIVE DURING CONSTRUCTION PERIOD.
7A. EXISTING DOOR LEAF TO REMAIN ACTIVE DURING CONSTRUTION PERIOD.
8. MAINTAIN CLEARANCE BETWEEN DOOR SWING AND TEMPORARY CONSTRUCTION BARRIER. REFER TO DRAWING FOR REQUIRED DIMENSIONS.
9. REMOVE PORTION OF WALL AS REQUIRED FOR ACCESS TO NEW TOILET ROOM. UPON COMPLETION OF WORK, INFILL OPENING TO MATCH EXISTING WALL CONSTRUCTION. FINISH PER ROOM FINISH LEGEND.
10. INSTALL HEAVY DUTY FIRE RETARDANT POLY SHEETING AROUND DOOR/FRAME. FULLY SEAL PERIMETER OF SHEETING AROUND FRAME.
11. PROVIDE FLOOR PROTECTION. REMOVE UPON COMPLETION OF CONSTRUCTION.

Revisions:	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: GENERAL - BUILDING 18 - FLOOR 1 INFECTION CONTROL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: 1 | Drawn: JVJ

Project Number: 561-14-106

Building Number:

Drawing Number: GI303

Office of Construction and Facilities Management

VA Department of Veterans Affairs

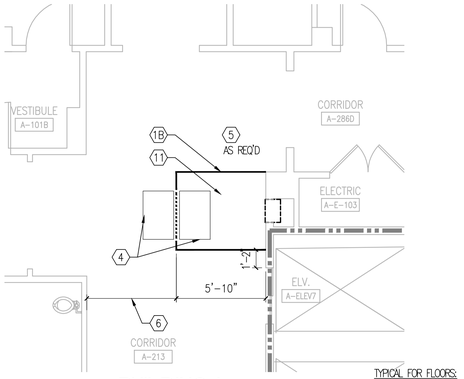
VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID

VA FORM 08-6231

three quarters inch = one foot | one half inch = one foot | three eighths inch = one foot | one quarter inch = one foot | one eighth inch = one foot | three inches = one foot | one and one half inches = one foot | one inch = one foot

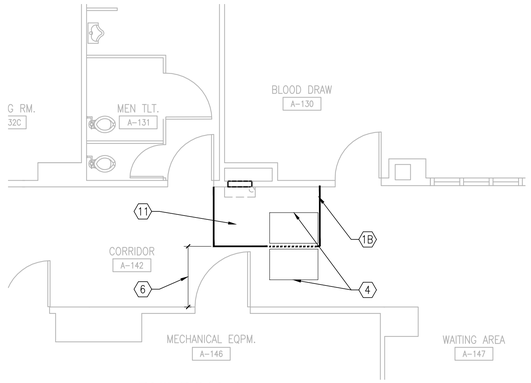
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TYPICAL FOR FLOORS:
'A', 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

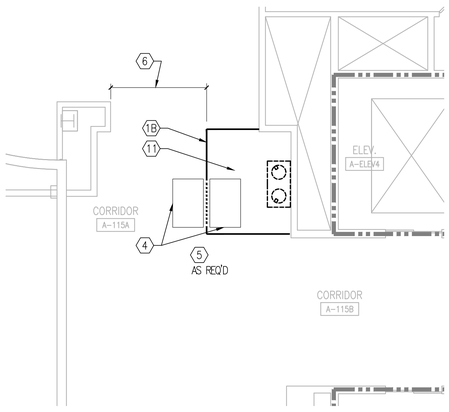
BUILDING 1
NORTH WING
DEMOLITION PLUMBING PLAN- TYP.

1/4"=1'-0"



BUILDING 1
FLOOR 'A'- BLOOD DRAW
DEMOLITION PLUMBING PLAN

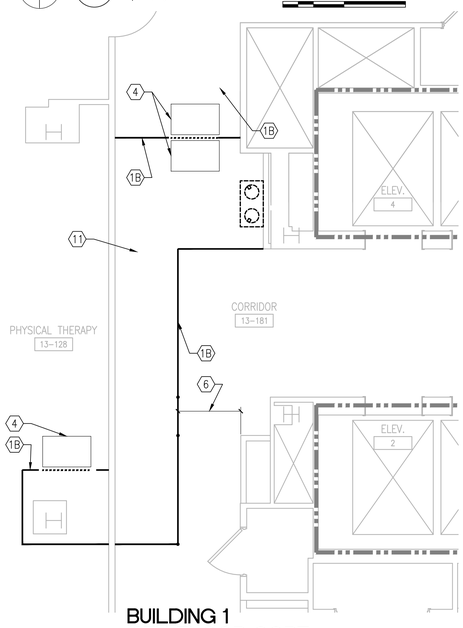
1/4"=1'-0"



TYPICAL FOR FLOORS:
'A', 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

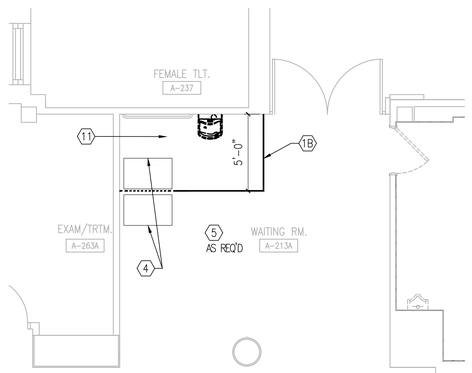
BUILDING 1
CORE
DEMOLITION PLUMBING PLAN- TYP.

1/4"=1'-0"



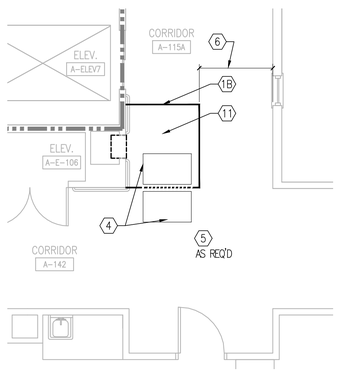
BUILDING 1
13TH FLOOR CORE
DEMOLITION PLUMBING PLAN- TYP.

1/4"=1'-0"



BUILDING 1
FLOOR 'A'- WAITING A-213A
DEMOLITION PLUMBING PLAN

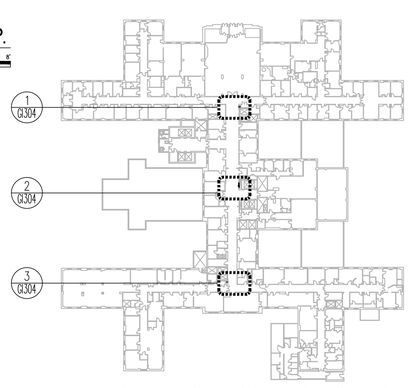
1/4"=1'-0"



TYPICAL FOR FLOORS:
'A', 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13

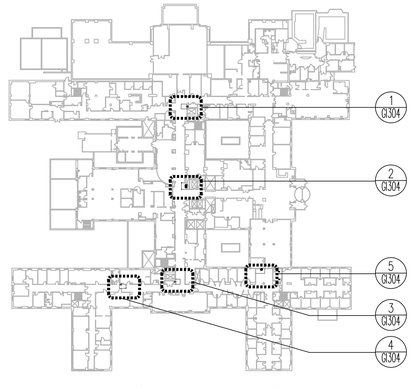
BUILDING 1
SOUTH WING
DEMOLITION PLUMBING PLAN- TYP.

1/4"=1'-0"



BUILDING 1- 1ST THRU 13 TYP.
KEY PLAN

NTS



BUILDING 1- FLOOR 'A'
KEY PLAN

NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

DESCRIPTION OF REQUIRED INFECTION CONTROL PRECAUTIONS FOR CLASS IV

DURING CONSTRUCTION PROJECT

1. ISOLATE HVAC SYSTEM IN AREA WHERE WORK IS BEING DONE TO PREVENT CONTAMINATION OF DUCT SYSTEM.
2. COMPLETE ALL CRITICAL BARRIERS I.E. GWB, PLASTIC, TO SEAL AREA FROM NON WORK AREA OR IMPLEMENT CONTROL CUBE METHOD (CART W/PLASTIC COVERING AND SEALED CONNECTION TO WORK SITE WITH HEPA VACUUM FOR VACUUMING PRIOR TO EXIT) BEFORE CONSTRUCTION BEGINS. BARRIERS TO BE ERECTED AFTER 6:00PM M-F OR ANYTIME ON WEEKENDS.
3. MAINTAIN NEGATIVE AIR PRESSURE WITHIN WORK SITE UTILIZING HEPA EQUIPPED AIR FILTRATION UNITS.
4. SEAL HOLES, PIPES, CONDUITS, AND PUNCTURES APPROPRIATELY.
5. CONSTRUCT ANTEROOM & REQUIRE ALL PERSONNEL TO PASS THRU THIS ROOM SO THEY CAN BE VACUUMED USING A HEPA VACUUM CLEANER BEFORE LEAVING WORK SITE OR THEY CAN WEAR CLOTH OR PAPER COVERALLS THAT ARE REMOVED EACH TIME THEY LEAVE THE WORK SITE.
6. ALL PERSONNEL ENTERING THE WORK SITE FROM WORK AREA ARE REQUIRED TO WEAR SHOE COVERS & MUST BE CHANGED EACH TIME THE WORKER EXITS THE WORK AREA..
7. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS INSPECTED BY THE VA'S SAFETY DEPARTMENT & INFECTION CONTROL DEPARTMENT & THOROUGHLY CLEANED BY THE VA'S ENVIRONMENTAL SERVICES DEPARTMENT.

UPON COMPLETION OF PROJECT

1. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS INSPECTED BY THE C.O.R., VA'S SAFETY DEPARTMENT, AND INFECTION CONTROL DEPARTMENT, AND THOROUGHLY CLEANED BY THE VA'S ENVIRONMENTAL SERVICES DEPARTMENT.
2. REMOVE BARRIER MATERIALS CAREFULLY TO MINIMIZE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION. BARRIERS TO BE REMOVED AFTER 6:00PM M-F OR ANYTIME ON WEEKENDS.
3. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING UNLESS SOLID LID.
4. VACUUM WORK AREA WITH HEPA FILTERED VACUUMS.
5. WET MOP AREA WITH DISINFECTANT.
6. REMOVE ISOLATION OF HVAC SYSTEM IN AREAS WHERE WORK WAS BEING PERFORMED.
7. CLEAN WINDOWS-BOTH SIDES. COORDINATE W/ FACILITIES MANAGER FOR ACCESS.

* USE OPERABLE WINDOWS FOR HEPA AIR EXHAUST. OBTAIN VA C.O.R. APPROVAL FOR EXHAUSTING IN PROPOSED LOCATIONS.

INFECTION CONTROL NOTES

A. PROJECT 561-14-106 IDENTIFIED AS CLASS 4 RISK GROUP, REFER TO SPECIFICATION SECTION 01-35-26 SAFETY REQUIREMENTS, CHAPTER 1.12 INFECTION CONTROL FOR ADDITIONAL INFORMATION.
B. HVAC CONNECTIONS TO EXISTING SYSTEM TO BE DISCONNECTED DURING DEMOLITION AND CONSTRUCTION.
C. G.C. TO SUPPLY NEGATIVE PRESSURE MACHINE(S) OF SUFFICIENT SIZE & QUANTITY TO ADEQUATELY HANDLE CONSTRUCTION AREAS.
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E. CONTRACTOR WILL VERIFY AND TEST NEGATIVE AIR FLOW.
F. CONTRACTOR TO MAINTAIN A NEGATIVE AIR PRESSURE LOG.
G. CONSTRUCTION BARRIER DETAILS TO FOLLOW DETAILS ON SHEET GI401 AND GI402.
H. ALL TEMPORARY CONSTRUCTION DOOR UNITS TO BE 1 HR. FIRE RATED ASSEMBLY WITH METAL DOORS AND LOCKSETS, HINGES, FRAMES, CLOSER AND SEALS..
I. ALL CONSTRUCTION ENTRANCES TO BE PROPERLY LABELED TO COMPLY WITH VA AND OSHA REQUIREMENTS.
J. CONTRACTOR TO PROVIDE WALK OFF MATS AND CHANGE THEM AS NEEDED AT EACH ENTRANCE POINT.
K. CONTRACTOR TO PROVIDE HAND SANITIZERS AT ALL ENTRANCE/EXIT POINTS ON CONSTRUCTION SIDE.
L. CONTRACTOR TO SUPPLY SPILL KIT, TO INCLUDE SHOP VAC, MULTI-PURPOSE SPILL CONTROL SORBENTS TO ABSORB NON-AGGRESSIVE LIQUIDS UP TO 30 GALLONS.
M. ALL NEW CONSTRUCTION MATERIALS, TOOLS AND EQUIPMENT PASSING THROUGH HOSPITAL TO BE COVERED WITH 4 MIL. POLY SHEETS.
N. THE CONTRACTOR SHALL NOT BLOCK OR HINDER THE USE OF THE BUILDINGS BY PATIENTS, STAFF & VISITORS.
O. ALL MATERIALS AND EQUIPMENT MUST BE PROPERLY STORED IN DESIGNATED AREAS.
P. ALL DEBRIS AND GARBAGE THAT IS TO BE REMOVED THROUGH THE HOSPITAL MUST BE CONTAINED IN DUMP CARTS DESIGNED FOR THAT PURPOSE AND MUST BE COVERED WITH A FULL COVER OR LID.
Q. FLAMMABLE MATERIALS MAY NOT BE STORED IN BUILDINGS.
R. COORDINATE DEBRIS REMOVAL W/ POSTED TIMES FOR LOADING DOCK AVAILABILITY. ALL DEBRIS REMOVAL AT LOADING DOCK OR COR APPROVED LOCATION ONLY.
S. SEAL/FIRESTOP ALL OPENINGS IN EXISTING 1 HR. SMOKE BARRIER WALLS AND EXISTING 2 HR. RATED FLOORS THAT ARE UP TO 4 INCHES IN DIAMETER. FIELD VERIFY CONDITION OF WALLS ABOVE FINISH CEILINGS AND FLOORS PRIOR TO CONSTRUCTION. IN ADDITION, SEAL/FIRESTOP ALL EXPOSED CONDUIT AND PIPING.

(X) FLOOR PLAN KEY NOTES

1. INSTALL TEMPORARY CONSTRUCTION BARRIER. SEE SHEET GI401 AND GI402 FOR TEMPORARY PARTITION TYPE.
1A. NEW FINISHED WALL TO BE USED AS TEMPORARY CONSTRUCTION BARRIER. REFER TO FLOOR PLAN FOR WALL PARTITION TYPE.
1B. TEMPORARY WALL SHALL BE CONSTRUCTED OF 60 MIL FIRE RETARDANT POLYETHYLENE SHEETING WITH ZIPPER ENTRANCE. BARRIER SHALL EXTEND FROM FLOOR TO BOTTOM OF CEILING. SHEETING SHALL BE FULLY SEALED AROUND PERIMTER.
2. INSTALL 36" CONSTRUCTION DOOR WITH SELF CLOSING DEVICE WITH RATED STOREROOM FUNCTION (PER WALL RATING REQUIRED) DOOR HARDWARE. GENERAL CONTRACTOR TO PROVIDE THE CONSTRUCTION DOOR FOR THE PROJECT. SEE PROJECT MANUAL SECTION 01 35 26, CH. 1.12 FOR BARRIER AND INFECTION CONTROL PROCEDURES.
2A. NEW DOOR FRAME AND TEMPORARY DOOR TO BE INSTALLED AS PART OF TEMPORARY WALL CONSTRUCTION. NEW WALL WITH DOOR FRAME SHALL REMAIN AS PART OF PERMANENT CONSTRUCTION. DOOR TO BE REPLACED WITH NEW.
3. USE EXISTING DOOR AS TEMPORARY CONSTRUCTION DOOR. DOOR SHALL BE REMOVED AND REPLACED WITH NEW PER DOOR SCHEDULE UPON COMPLETION OF WORK.
4. CONTRACTOR TO PROVIDE TACKY WALK-OFF MAT, 24" X 36" MINIMUM. CHANGE MATS AS NECESSARY TO PREVENT THE TRACKING OF DUST ON THE FLOORS.
5. EXISTING HANDRAIL TO BE REMOVED AND REINSTALLED UPON COMPLETION OF WORK.
6. DO NOT REDUCE WIDTH OF EXISTING CORRIDOR BY MORE THAN HALF THE WIDTH.
7. EXISTING DOOR LEAF TO BE INACTIVE DURING CONSTRUCTION PERIOD.
7A. EXISTING DOOR LEAF TO REMAIN ACTIVE DURING CONSTRUTION PERIOD.
8. MAINTAIN CLEARANCE BETWEEN DOOR SWING AND TEMPORARY CONSTRUCTION BARRIER. REFER TO DRAWING FOR REQUIRED DIMENSIONS.
9. REMOVE PORTION OF WALL AS REQUIRED FOR ACCESS TO NEW TOILET ROOM. UPON COMPLETION OF WORK, INFILL OPENING TO MATCH EXISTING WALL CONSTRUCTION. FINISH PER ROOM FINISH LEGEND.
10. INSTALL HEAVY DUTY FIRE RETARDANT POLY SHEETING AROUND DOOR/FRAME. FULLY SEAL PERIMETER OF SHEETING AROUND FRAME.
11. PROVIDE FLOOR PROTECTION. REMOVE UPON COMPLETION OF CONSTRUCTION.

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: GENERAL - BUILDING 1- FLOORS 'A' THRU 13 INFECTION CONTROL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: - | Drawn: JVJ

Project Number: 561-14-106

Building Number: 1

Drawing Number: GI304

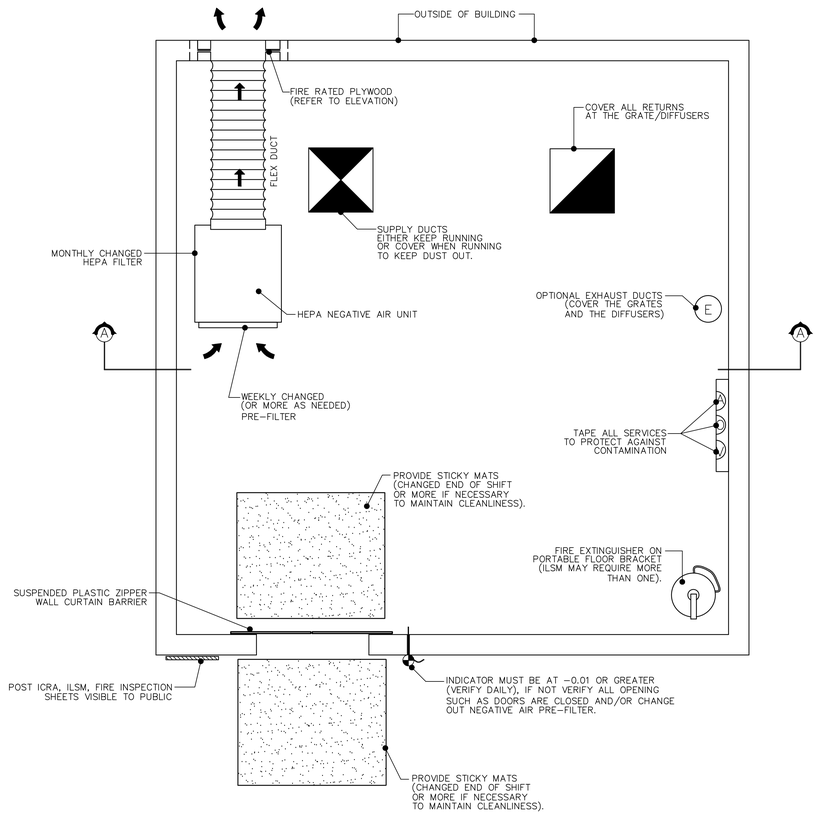
Office of Construction and Facilities Management

VA Department of Veterans Affairs

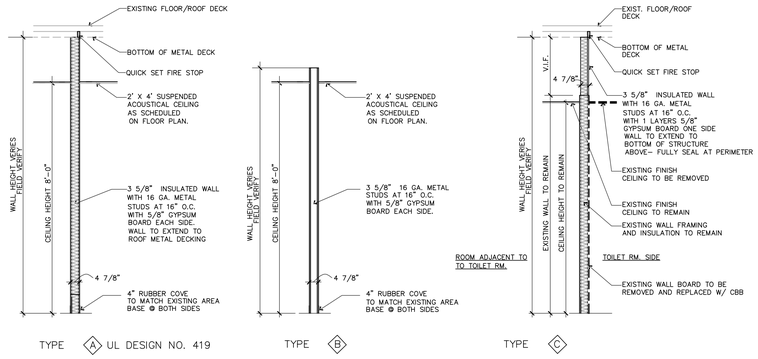
VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

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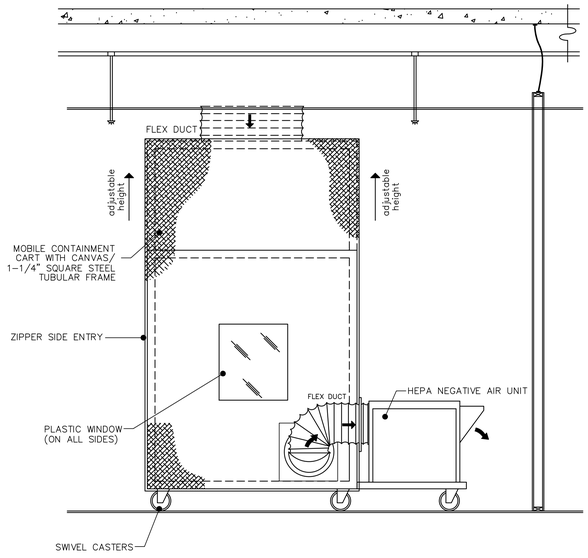


TYPICAL IDEAL CONSTRUCTION LAYOUT
CLASS III
SCALE: 1/2"=1'-0"



NOTE: ALL TEMPORARY CONSTRUCTION BARRIERS TO BE 1-HOUR RATED.

WALL CONST. TYPES (DETAILS)



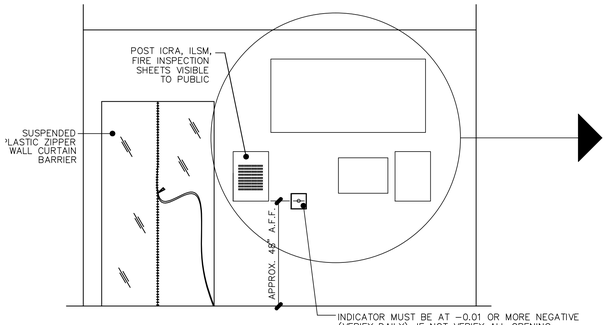
MOBILE CONTAINMENT CART
(CONST. BARRIER TYPES)
SCALE: 1/2"=1'-0"

GENERAL NOTES:

1. ALL PERSONNEL ENTERING THE CONSTRUCTION SITE AREA MUST WEAR A HARD HAT AND SAFETY GLASSES ALONG WITH ANY OTHER PPE REQUIRED IN THAT AREA.
2. ALL APPLICABLE FORMS TO BE COMPLETED AND APPROVED PRIOR TO STARTING WORK.
3. PERMITS TO INCLUDE:
   ICRA, ILSM, ABOVE CEILING, FIRE SPRINKLER SYSTEM, MEDICAL GASES, UTILITY SHUT-DOWN, FIRE/SMOKE WALL, FIRE ALARM SYSTEM. HOT WORK.
4. THE CONSTRUCTION AREA MUST MAINTAIN A NEGATIVE PRESSURE VENTILATION. NEGATIVE PRESSURE MACHINES MUST BE ON AND OPERATIONAL 24/7. NEGATIVE AIR UNIT TO BE MAINTAINED WITH FILTER(S) REPLACEMENT PER SPECIFICATIONS. (WEEKLY REPLACEMENT OF PRE-FILTER OR AS NECESSARY. HEPA FILTER REPLACED MONTHLY. CLEAN ALL EXTERIOR SURFACES OF CARTS AND TOOLS AT THE END OF EACH SHIFT. MONITOR NEGATIVE PRESSURE AND POST LOG AT THE END OF EACH SHIFT.
5. CONSTRUCTION CLASS WILL BE DETERMINED BY THE CONSTRUCTION SAFETY COMMITTEE.
6. DURING CONSTRUCTION BE CERTAIN THAT:
   BARRIERS ARE INTACT AND VERIFY THAT THEY ARE BEING MAINTAINED.
   PARTICAL COUNT METER IS AVAILABLE.
   NEGATIVE INDICATOR IS AVAILABLE.
   ICRA REQUIREMENTS ARE INTACT AND VERIFY ARE BEING MAINTAINED.

CONSTRUCTION PROJECT TYPES

TYPE A MINIMAL FIRE RISK	**INSPECTION AND NON-INVASIVE ACTIVITIES.** INCLUDES, BUT IS NOT LIMITED TO: □ REMOVAL OF CEILING TILES FOR VISUAL INSPECTION LIMITED TO 1 TILE PER 50 SQUARE FEET □ PAINTING (BUT NOT SANDING) □ WALL COVERING, ELECTRICAL TRIM WORK, MINOR PLUMBING, AND ACTIVITIES WHICH DO NOT GENERATE DUST OR REQUIRE CUTTING OF WALLS OR ACCESS TO CEILINGS OTHER THAN FOR VISUAL INSPECTION. □ REMOVAL OF FLOOR TILE LESS THAN 25 SQUARE FEET, NON-ACM AND NO GRINDING OR DUST GENERATING ACTIVITIES
TYPE B LIMITED FIRE RISK	**SMALL SCALE, SHORT DURATION ACTIVITIES WHICH CREATE MINIMAL DUST** INCLUDES, BUT IS NOT LIMITED TO: □ INSTALLATION OF TELEPHONE AND COMPUTER CABLING □ ACCESS TO CHASE SPACES □ CUTTING OF WALLS OR CEILING WHERE DUST MIGRATION CAN BE CONTROLLED.
TYPE C MODERATE FIRE RISK	**WORK THAT GENERATES A MODERATE TO HIGH LEVEL OF DUST OR REQUIRES DEMOLITION OR REMOVAL OF ANY FIXED BUILDING COMPONENTS OR ASSEMBLIES** INCLUDES, BUT IS NOT LIMITED TO: □ SANDING OF WALLS FOR PAINTING OR WALL COVERING □ REMOVAL OF FLOOR COVERINGS, CEILING TILES AND CASEWORK □ NEW CONSTRUCTION OR RENOVATIONS OVER 3 DAYS DURATION □ MAJOR DUCT WORK, PLUMBING, PIPING, OR ELECTRICAL WORK □ SOLDERING OR BRAZING OPERATIONS □ ANY ACTIVITY THAT REQUIRES A BURN PERMIT
TYPE D SIGNIFICANT FIRE RISK	**MAJOR DEMOLITION AND CONSTRUCTION PROJECTS** INCLUDES, BUT IS NOT LIMITED TO: □ ACTIVITIES WHICH REQUIRE CONSECUTIVE WORK SHIFTS □ REQUIRES HEAVY DEMOLITION OR REMOVAL OF A COMPLETE BUILDING SYSTEM □ NEW CONSTRUCTION OR RENOVATIONS OVER 3 DAYS DURATION



ROOM ELEVATION



CLASS III WORK ITEMS NOTES:

CLASS III

PRIOR TO ANY CONSTRUCTION

1. REMOVE OR ISOLATE H.V.A.C. SYSTEM IN AREA WHERE WORK IS BEING DONE TO PREVENT CONTAMINATION OF DUCT SYSTEM.
2. COMPLETE ALL CRITICAL BARRIERS IE. SHEETROCK, PLYWOOD, PLASTIC, TO SEAL AREA FROM NON-WORK AREA OR IMPLEMENT CONTROL CUBE METHOD (CART WITH PLASTIC COVERING AND SEALED CONNECTION TO WORK SITE WITH HEPA VACUUM FOR VACUUMING PRIOR TO EXIT) BEFORE CONSTRUCTION BEGINS.
3. MAINTAIN NEGATIVE AIR PRESSURE WITHIN WORK SITE UTILIZING HEPA EQUIPPED AIR FILTRATION UNITS IF INDICATED.
4. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS.
5. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING UNLESS SOLID LID.
6. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS INSPECTED BY THE VA'S SAFETY DEPARTMENT AND INFECTION CONTROL DEPARTMENT AND THOROUGHLY CLEANED BY THE VA'S ENVIRONMENTAL SERVICES DEPARTMENT.

POST CONSTRUCTION

1. REMOVE BARRIER MATERIALS CAREFULLY TO MINIMIZE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION.
2. VACUUM WORK AREA WITH HEPA FILTERED VACUUM.
3. WET MOP AREA WITH DISINFECTANT.
4. REMOVE ISOLATION OF H.V.A.C. SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.

PATIENT RISK GROUPS

LOW RISK	MEDIUM RISK	HIGH RISK	HIGHEST RISK
▪ OFFICE AREAS	▪ CARDIOLOGY ▪ ECHOCARDIOGRAPHY ▪ ENDOSCOPY ▪ NUCLEAR MEDICINE ▪ PHYSICAL THERAPY ▪ RADIOLOGY/MRI ▪ RESPIRATORY THERAPY	▪ CCU ▪ EMERGENCY ROOM ▪ LABOR & DELIVERY ▪ LABORATORY (SPECIMEN) ▪ NEWBORN NURSERY ▪ OUTPATIENT SURGERY ▪ PEDIATRICS ▪ PHARMACY ▪ POST ANESTHESIA CARE UNIT ▪ SURGICAL UNITS	▪ ANY AREA CARING FOR IMMUNOCOMPROMISED PATIENTS ▪ BURN UNIT ▪ CARDIAC CATH LAB ▪ CENTRAL STERILE SUPPLY ▪ INTENSIVE CARE UNITS ▪ MEDICAL UNIT ▪ NEGATIVE PRESSURE ISOLATION ROOMS ▪ ONCOLOGY ▪ OPERATING ROOMS INCLUDING C-SECTION ROOMS

IC MATRIX - CLASS OF PRECAUTIONS: CONSTRUCTION PROJECT BY PATIENT RISK
CONSTRUCTION PROJECT TYPE

RISK RELATED GROUP	TYPE A	TYPE B	TYPE C	TYPE D
LOW RISK GROUP	I	II	II	III/ IV
MEDIUM RISK GROUP	I	II	III	IV
HIGH RISK GROUP	I	II	III/ IV	IV
HIGHEST RISK GROUP	II	III/ IV	III/ IV	IV

NOTE:
INFECTION CONTROL APPROVAL WILL BE REQUIRED WHEN THE CONSTRUCTION ACTIVITY AND RISK LEVEL INDICATE THAT CLASS III OR CLASS IV CONTROL PROCEDURES ARE NECESSARY.

VA CONTRACT NO. 36C242-18-C-0004

Revisions:	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-oe.com

700 Nicholas Blvd. Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-oe.com
Bancroft-AE Project No. 17-113

Drawing Title: GENERAL - INFECTION CONTROL NOTES CLASS III

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: - | Drawn: JVJ

Project Number: 561-14-106

Building Number: 1

Drawing Number: GI401

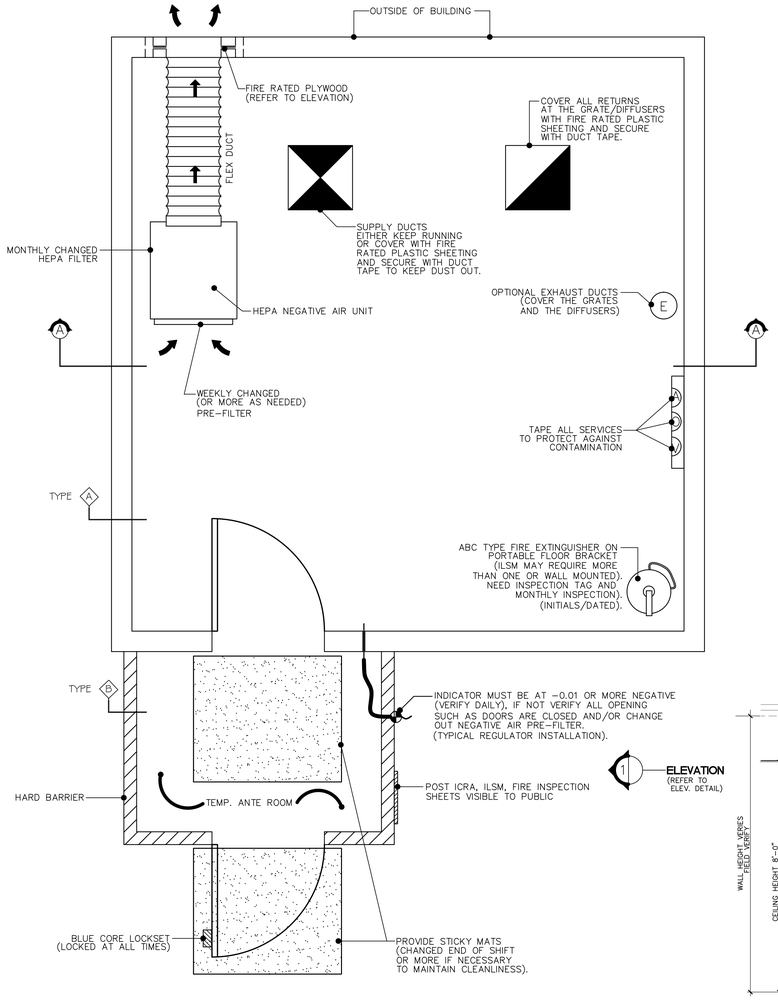
Office of Construction and Facilities Management

VA Department of Veterans Affairs

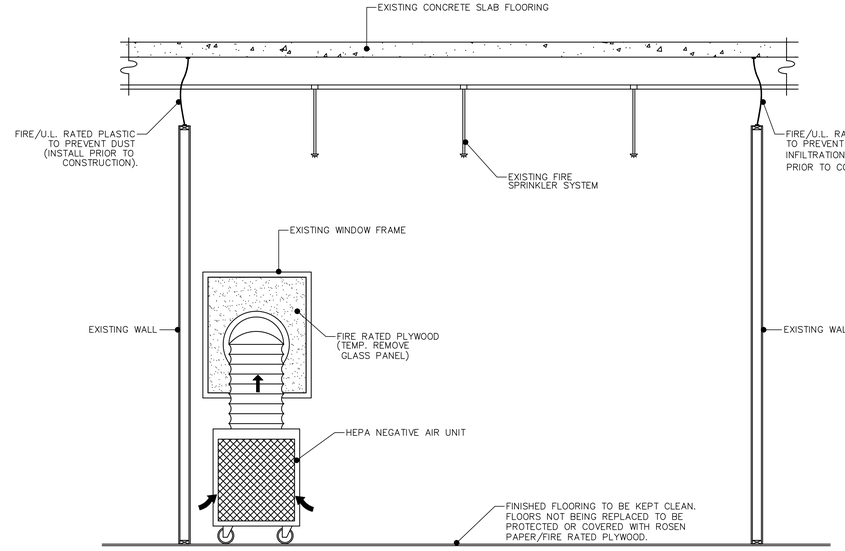
VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

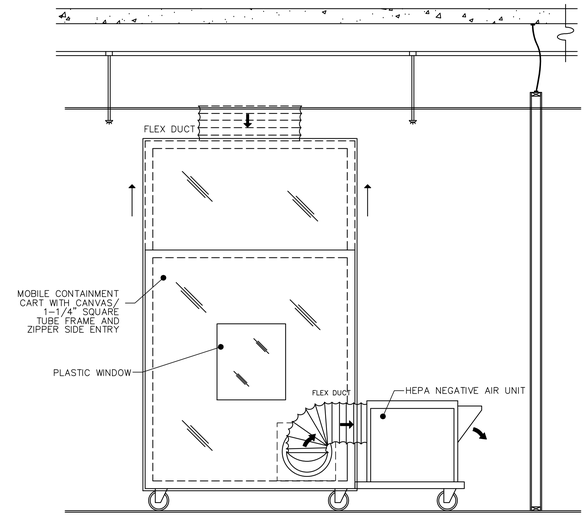
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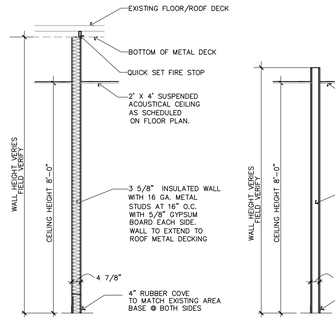
TYPICAL IDEAL CONSTRUCTION LAYOUT
CLASS IV
SCALE: 1/2"=1'-0"



CROSS-SECTION 'A-A'
CLASS IV
SCALE: 1/2"=1'-0"

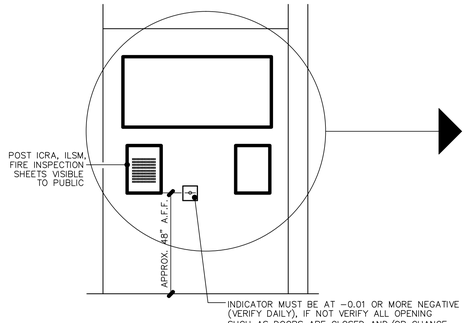


MOBILE CONTAINMENT CART
SCALE: 1/2"=1'-0"



NOTE: ALL TEMPORARY CONSTRUCTION BARRIERS TO BE 1-HOUR RATED.

WALL CONST. TYPES (DETAILS)



ANTE ROOM ELEVATION

THIS IS A RESTRICTED AREA

AREA UNDER CONSTRUCTION

PERSONNEL ENTERING MUST HAVE: HARD HAT, SAFETY GLASSES AND PROPER I.D.

COMING SOON!!!
-DESCRIPTION OF NEWLY PROPOSED OCCUPANCY-

ICRA, ILSM FIRE WATCH MISC. FORMS

PAPER CADDY

INDICATOR (REFER TO PLAN & ELEVATION)

FRAMED PICTURE CLR C.O.R. WITH CONTACT INFORMATION CONST. SUPERVISOR NAME AND CELL PHONE

CHILLER PLANT AFTER HOURS CALL (VA PROVIDED # IN-HOUSE PHONE (VA #) FIRE EMERGENCY DIAL 911

GENERAL NOTES:

1. ALL PERSONNEL ENTERING THE CONSTRUCTION SITE AREA MUST WEAR A HARD HAT AND SAFETY GLASSES ALONG WITH ANY OTHER PPE REQUIRED IN THAT AREA.
2. ALL APPLICABLE FORMS TO BE COMPLETED AND APPROVED PRIOR TO STARTING WORK.
3. PERMITS TO INCLUDE:
   ICRA, ILSM, ABOVE CEILING, FIRE SPRINKLER SYSTEM, MEDICAL GASES, UTILITY SHUT-DOWN, FIRE/SMOKE WALL, FIRE ALARM SYSTEM. HOT WORK.
4. THE CONSTRUCTION AREA MUST MAINTAIN A NEGATIVE PRESSURE VENTILATION. NEGATIVE PRESSURE MACHINES MUST BE ON AND OPERATIONAL 24/7. NEGATIVE AIR UNIT TO BE MAINTAINED WITH FILTER(S) REPLACEMENT PER SPECIFICATIONS. (WEEKLY REPLACEMENT OF PRE-FILTER OR AS NECESSARY. HEPA FILTER REPLACED MONTHLY. CLEAN ALL EXTERIOR SURFACES OF CARTS AND TOOLS AT THE END OF EACH SHIFT. MONITOR NEGATIVE PRESSURE AND POST LOG AT THE END OF EACH SHIFT.
5. CONSTRUCTION CLASS WILL BE DETERMINED BY THE CONSTRUCTION SAFETY COMMITTEE.
6. DURING CONSTRUCTION BE CERTAIN THAT:
   BARRIERS ARE INTACT AND VERIFY THAT THEY ARE BEING MAINTAINED.
   PARTICAL COUNT METER IS AVAILABLE.
   NEGATIVE INDICATOR IS AVAILABLE.
   ICRA REQUIREMENTS ARE INTACT AND VERIFY ARE BEING MAINTAINED.

CONSTRUCTION PROJECT TYPES

TYPE A MINIMAL FIRE RISK	**INSPECTION AND NON-INVASIVE ACTIVITIES** INCLUDES, BUT IS NOT LIMITED TO: - REMOVAL OF CEILING TILES FOR VISUAL INSPECTION LIMITED TO 1 TILE PER 50 SQUARE FEET - PAINTING (BUT NOT SANDING) - WALL COVERING, ELECTRICAL TRIM WORK, MINOR PLUMBING, AND ACTIVITIES WHICH DO NOT GENERATE DUST OR REQUIRE CUTTING OF WALLS OR ACCESS TO CEILINGS OTHER THAN FOR VISUAL INSPECTION. - REMOVAL OF FLOOR TILE LESS THAN 25 SQUARE FEET, NON-ACM AND NO GRINDING OR DUST GENERATING ACTIVITIES
TYPE B LIMITED FIRE RISK	**SMALL SCALE, SHORT DURATION ACTIVITIES WHICH CREATE MINIMAL DUST** INCLUDES, BUT IS NOT LIMITED TO: - INSTALLATION OF TELEPHONE AND COMPUTER CABLING - ACCESS TO CHASE SPACES - CUTTING OF WALLS OR CEILING WHERE DUST MIGRATION CAN BE CONTROLLED.
TYPE C MODERATE FIRE RISK	**WORK THAT GENERATES A MODERATE TO HIGH LEVEL OF DUST OR REQUIRES DEMOLITION OR REMOVAL OF ANY FIXED BUILDING COMPONENTS OR ASSEMBLIES** INCLUDES, BUT IS NOT LIMITED TO: - SANDING OF WALLS FOR PAINTING OR WALL COVERING - REMOVAL OF FLOOR COVERINGS, CEILING TILES AND CASEWORK - NEW CONSTRUCTION OR RENOVATIONS OVER 3 DAYS DURATION - MAJOR DUCT WORK, PLUMBING, PIPING, OR ELECTRICAL WORK - SOLDERING OR BRAZING OPERATIONS - ANY ACTIVITY THAT REQUIRES A BURN PERMIT
TYPE D SIGNIFICANT FIRE RISK	**MAJOR DEMOLITION AND CONSTRUCTION PROJECTS** INCLUDES, BUT IS NOT LIMITED TO: - ACTIVITIES WHICH REQUIRE CONSECUTIVE WORK SHIFTS - REQUIRES HEAVY DEMOLITION OR REMOVAL OF A COMPLETE BUILDING SYSTEM - NEW CONSTRUCTION OR RENOVATIONS OVER 3 DAYS DURATION

PATIENT RISK GROUPS

LOW RISK	MEDIUM RISK	HIGH RISK	HIGHEST RISK
▪ OFFICE AREAS	▪ CARDIOLOGY ▪ ECHOCARDIOGRAPHY ▪ ENDOSCOPY ▪ NUCLEAR MEDICINE ▪ PHYSICAL THERAPY ▪ RADIOLOGY/MRI ▪ RESPIRATORY THERAPY	▪ CCU ▪ EMERGENCY ROOM ▪ LABOR & DELIVERY ▪ LABORATORY (SPECIMEN) ▪ NEWBORN NURSERY ▪ OUTPATIENT SURGERY ▪ PEDIATRICS ▪ PHARMACY ▪ POST ANESTHESIA CARE UNIT ▪ SURGICAL UNITS	▪ ANY AREA CARING FOR IMMUNOCOMPROMISED PATIENTS ▪ BURN UNIT ▪ CARDIAC CATH LAB ▪ CENTRAL STERILE SUPPLY ▪ INTENSIVE CARE UNITS ▪ MEDICAL UNIT ▪ NEGATIVE PRESSURE ISOLATION ROOMS ▪ ONCOLOGY ▪ OPERATING ROOMS INCLUDING C-SECTION ROOMS

CLASS IV WORK ITEMS NOTES:

PRIOR TO ANY CONSTRUCTION

1. ISOLATE H.V.A.C. SYSTEM IN AREA WHERE WORK IS BEING DONE TO PREVENT CONTAMINATION OF DUCT SYSTEM.
2. COMPLETE ALL CRITICAL BARRIERS IE. SHEETROCK, PLYWOOD, PLASTIC, TO SEAL AREA FROM NON-WORK AREA OR IMPLEMENT CONTROL CUBE METHOD (CART WITH PLASTIC COVERING AND SEALED CONNECTION TO WORK SITE WITH HEPA VACUUM FOR VACUUMING PRIOR TO EXIT) BEFORE CONSTRUCTION BEGINS.
3. MAINTAIN NEGATIVE AIR PRESSURE WITHIN WORK SITE UTILIZING HEPA EQUIPPED AIR FILTRATION UNITS IF INDICATED.
4. SEAL HOLES, PIPES, CONDUITS, AND PUNCTURES APPROPRIATELY.
5. CONSTRUCT ANTEROOM AND REQUIRE ALL PERSONNEL TO PASS THROUGH THIS ROOM SO THEY CAN BE VACUUMED USING HEPA VACUUM CLEANER BEFORE LEAVING WORK SITE OR THEY CAN WEAR CLOTH OR PAPER COVERALLS THAT ARE REMOVED EACH TIME THEY LEAVE THE WORK SITE.
6. ALL PERSONNEL ENTERING WORK SITE ARE REQUIRED TO WEAR SHOE COVERS. SHOE COVERS MUST BE CHANGED EACH TIME THE WORKER EXITS THE WORK AREA. SITE OR THEY CAN WEAR CLOTH OR PAPER COVERALLS THAT ARE REMOVED EACH TIME THEY LEAVE THE WORK SITE.
7. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS INSPECTED BY THE VA'S SAFETY DEPARTMENT AND INFECTION CONTROL.

POST CONSTRUCTION

1. OBTAIN APPROVAL BY CAVHS TEAM TO REMOVE BARRIERS.
2. REMOVE BARRIER MATERIALS CAREFULLY TO MINIMIZE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION.
3. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS.
4. COVER TRANSPORT RECEPTACLES OR CARTS. TAPE COVERING UNLESS SOLID LID.
5. VACUUM WORK AREA WITH HEPA FILTERED VACUUM.
6. WET MOP AREA WITH DISINFECTANT.
7. REMOVE ISOLATION OF H.V.A.C. SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.
8. ROOM AND/OR SHALL BE THOROUGHLY CLEANED BY THE VA'S ENVIRONMENTAL SERVICES DEPARTMENT.

IC MATRIX - CLASS OF PRECAUTIONS: CONSTRUCTION PROJECT BY PATIENT RISK

CONSTRUCTION PROJECT TYPE

RISK RELATED GROUP	TYPE A	TYPE B	TYPE C	TYPE D
LOW RISK GROUP	I	II	II	III/ IV
MEDIUM RISK GROUP	I	II	III	IV
HIGH RISK GROUP	I	II	III/ IV	IV
HIGHEST RISK GROUP	II	III/ IV	III/ IV	IV

NOTE:

INFECTION CONTROL APPROVAL WILL BE REQUIRED WHEN THE CONSTRUCTION ACTIVITY AND RISK LEVEL INDICATE THAT CLASS III OR CLASS IV CONTROL PROCEDURES ARE NECESSARY.

VA CONTRACT NO. 36C242-18-C-0004

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100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
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95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

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ARCHITECT + ENGINEERS:

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Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-oe.com
Bancroft-AE Project No. 17-113

Drawing Title: GENERAL - INFECTION CONTROL NOTES CLASS IV

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: - | Drawn: JVJ

Project Number: 561-14-106

Building Number: 1

Drawing Number: GI402

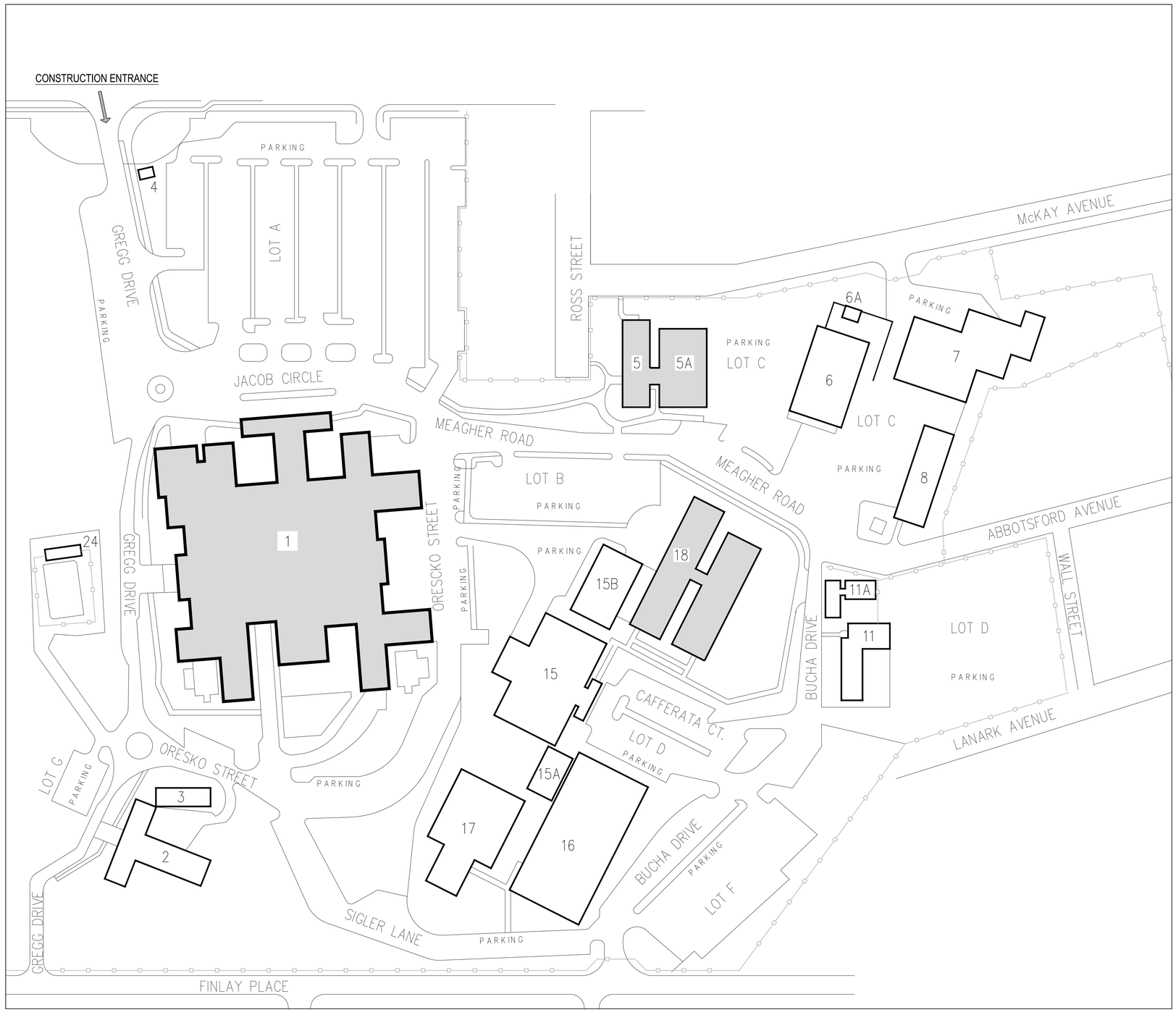
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

K:\CDC_PROJECTS\2017\17-113_3824218O0004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\422- Drawings\WORKING\561114106-GI402 ICRA CLASS IV.dwg 1-12-20 07:20:37 PM jjohnson



NORTH

1 CONSTRUCTION STAGING PLAN
SCALE: N.T.S.

GENERAL NOTES

A. CONTRACTOR SHALL COORDINATE WITH VA COR, AREAS TO BE USED FOR CONSTRUCTION PARKING.

B. CONTRACTOR SHALL COORDINATE WITH VA COR, AREAS TO BE DESIGNATED FOR DUMPSTER LOCATION.

C. CONTRACTOR SHALL COORDINATE WITH VA COR, AREAS TO BE USED FOR CONSTRUCTION STORAGE.

D. CONTRACTOR SHALL COORDINATE WITH VA COR, BUILDING ENTRANCES FOR CONTRACTORS, MATERIALS AND EQUIPMENT.

E. CONTRACTOR SHALL COORDINATE WITH VA COR, AREAS WHERE TEMPORARY CONSTRUCTION FENCING WILL BE REQUIRED.

F. CONTRACTOR SHALL COORDINATE WITH VA COR, PRIMARY ENTRANCE ONTO CAMPUS FOR CONSTRUCTION VEHICLES.

F. CONTRACTOR SHALL COORDINATE WITH VA COR, USE OF EXISTING ELEVATORS FOR CONSTRUCTION ACTIVITIES. ELEVATOR FLOOR AND WALLS SHALL BE PROTECTED DURING CONSTRUCTION.

G. PATIENT AND STAFF ACCESS TO BUILDING ENTRANCES SHALL BE KEPT OPEN AND FREE FROM OBSTRUCTIONS DURING CONSTRUCTION.

PLAN LEGEND

- SCOPE OF WORK IN THIS BUILDING
- CONSTRUCTION TRAFFIC ENTRANCE
- CONTRACTOR ROUTE
- CONTRACTOR ENTRANCE TO BUILDING
- DUMPSTER LOCATION
- CONSTRUCTION TEMPORARY FENCING
- EXISTING PERMANENT FENCING TO REMAIN

NOTE: VA TO PROVIDE INFORMATION TO CONTRACTOR:
1- CONTRACTOR PARKING
2- DUMPSTER LOCATION
3- CONTRACTOR ENTRANCE INTO BUILDING
4- CONTRACTOR ENTRANCE INTO CAMPUS

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:
BANCROFT ARCHITECTS + ENGINEERS
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700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: GENERAL - CONSTRUCTION STAGING

Approved: Project Director

VA CONTRACT NO. 36C242-18-C-0004

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: JVJ

Project Number: 561-14-106

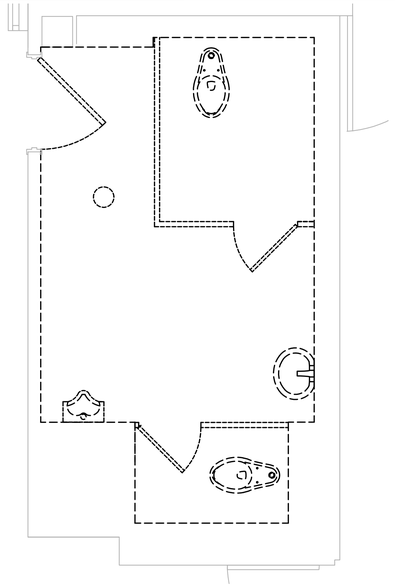
Building Number:

Drawing Number: GC101

Office of Construction and Facilities Management

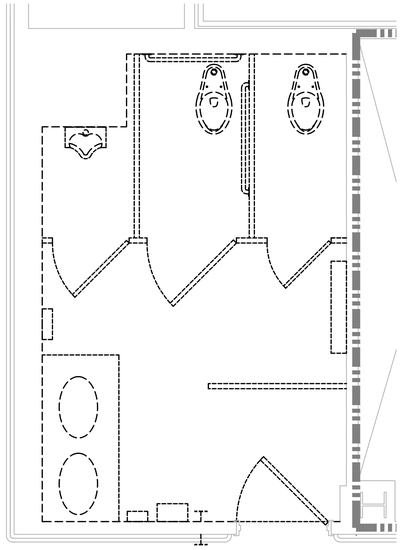
VA Department of Veterans Affairs

A:\CCC_PROJECTS\2017\V17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561-14-106-GC101.dwg 1-11-20 09:57:54 PM VJohnson
one eighth inch = one foot | one quarter inch = one foot | three eighths inch = one foot | one half inch = one foot | three quarters inch = one foot | one inch = one foot | one and one half inches = one foot | three inches = one foot
VA FORM 08-6231



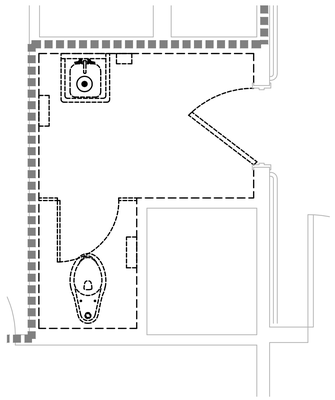
BUILDING 1 - FLOOR 'A'
TOILET ROOM A-213
ASBESTOS MATERIALS INVENTORY
1/2"=1'-0"

NO ASBESTOS IDENTIFIED



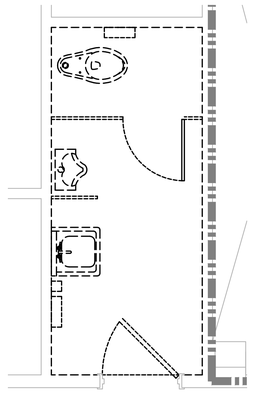
BUILDING 1 - 3rd FLOOR
TOILET ROOM 3-183
ASBESTOS MATERIALS INVENTORY
1/2"=1'-0"

NO ASBESTOS IDENTIFIED



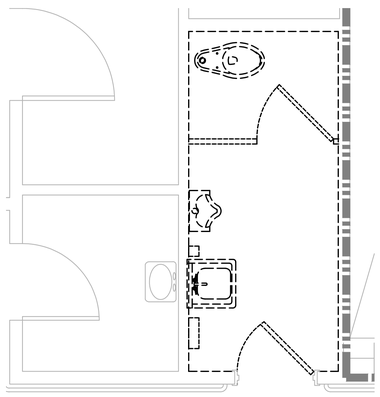
BUILDING 1 - 8th FLOOR
TOILET ROOM 8-134
ASBESTOS MATERIALS INVENTORY
1/2"=1'-0"

NO ASBESTOS IDENTIFIED



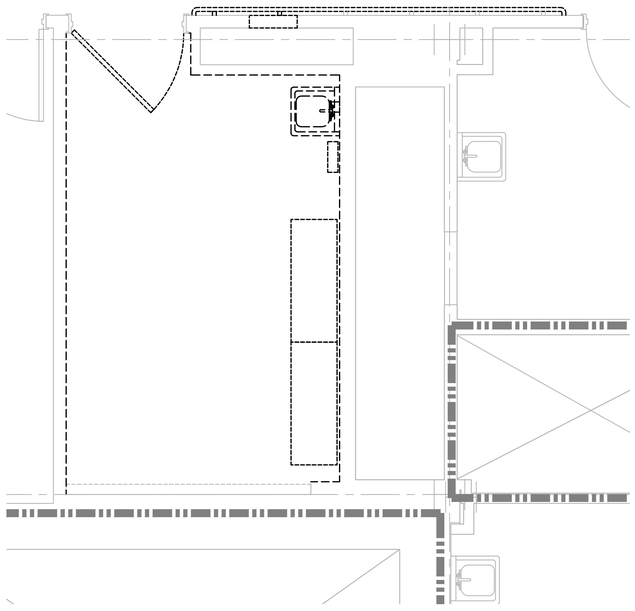
BUILDING 1 - 10th FLOOR
TOILET ROOM 10-183
ASBESTOS MATERIALS INVENTORY
1/2"=1'-0"

NO ASBESTOS IDENTIFIED



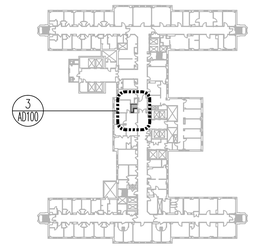
BUILDING 1 - 11th FLOOR
TOILET ROOM 11-169
ASBESTOS MATERIALS INVENTORY
1/2"=1'-0"

NO ASBESTOS IDENTIFIED

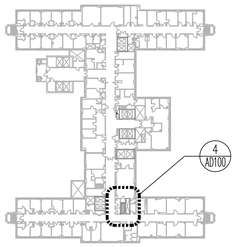


BUILDING 1 - 13th FLOOR
TOILET ROOM 13-208
ASBESTOS MATERIALS INVENTORY
1/2"=1'-0"

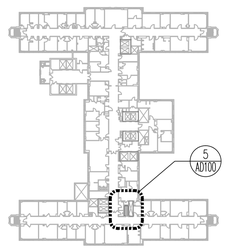
NO ASBESTOS IDENTIFIED



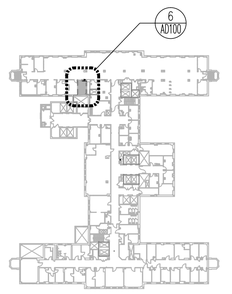
BUILDING 1 -8th FLOOR
KEY PLAN
NTS



BUILDING 1 -10th FLOOR
KEY PLAN
NTS



BUILDING 1- 11th FLOOR
KEY PLAN
NTS

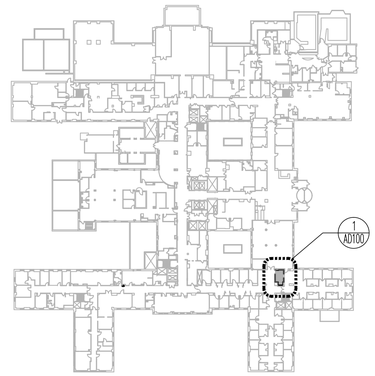


BUILDING 1- 13th FLOOR
KEY PLAN
NTS

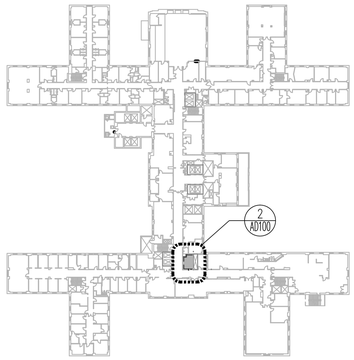
FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING



BUILDING 1- FLOOR 'A'
KEY PLAN
NTS



BUILDING 1- 3rd FLOOR
KEY PLAN
NTS

LEGEND

- ASBESTOS CONTAINING PIPE / FITTING INSULATION
- ASBESTOS CONTAINING PIPE (RISER) INSULATION
- AWC — ASBESTOS CONTAINING WINDOW CAULK
- ASBESTOS CONTAINING MASTIC UNDER 12"X12" VINYL FLOOR TILE

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

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www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title
HAZARDOUS MATERIALS -
BUILDING 1- 'A', 3, 8, 10, 11, 13
ASBESTOS MATERIALS INVENTORY

Approved: Project Director

Project Title
100% CD FOR BID
UPGRADE BATHROOMS /
DRINKING FOUNTAINS

Location
EAST ORANGE, NJ

Date: 01/13/20 | Checked: MH | Drawn: DF

Project Number: 561-14-106

Building Number: 1

Drawing Number: H100

Office of Construction and Facilities Management

Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID

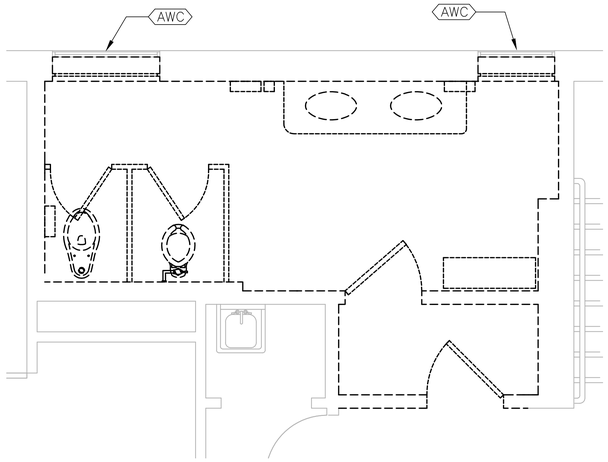
VA FORM 08-6231

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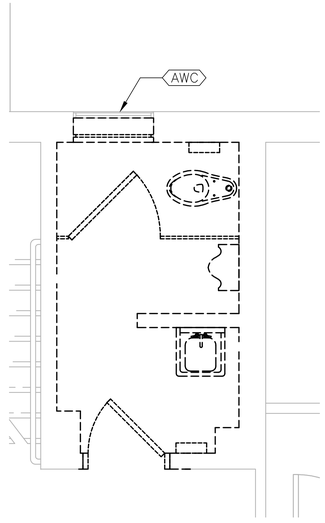
FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

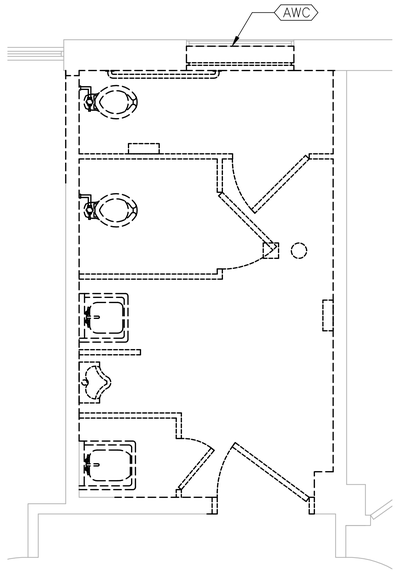
NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING



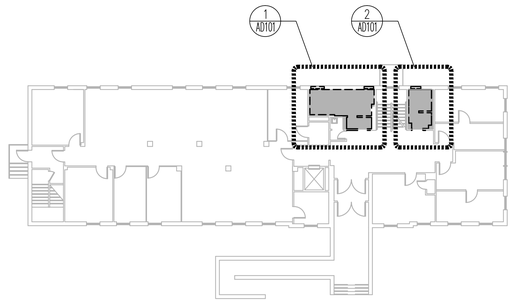
BUILDING 5 - 1st FLOOR
TOILET ROOM 5-1-106
ABATEMENT FLOOR PLAN
1/2"=1'-0"



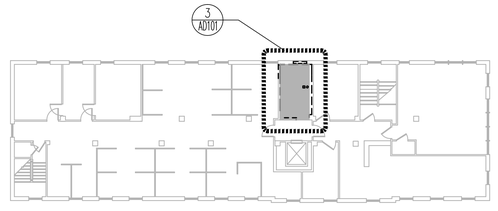
BUILDING 5 - 1st FLOOR
TOILET ROOM 5-1-105
ABATEMENT FLOOR PLAN
1/2"=1'-0"



BUILDING 5 - 2nd FLOOR
TOILET ROOM 5-2-105
ABATEMENT FLOOR PLAN
1/2"=1'-0"



BUILDING 5 - 1ST FLOOR
KEY PLAN
NTS



BUILDING 5 - 2nd FLOOR
KEY PLAN
NTS

LEGEND

- ASBESTOS CONTAINING PIPE / FITTING INSULATION
- ASBESTOS CONTAINING PIPE (RISER) INSULATION
- AWC — ASBESTOS CONTAINING WINDOW CAULK
- ASBESTOS CONTAINING MASTIC UNDER 12"X12" VINYL FLOOR TILE

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions-	Date

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Bancroft-AE Project No. 17-113

Drawing Title
HAZARDOUS MATERIALS -
BUILDING 5- FLOORS 1, 2
ASBESTOS MATERIALS INVENTORY

Approved Project Director

Project Title
100% CD FOR BID
UPGRADE BATHROOMS /
DRINKING FOUNTAINS

Location
EAST ORANGE, NJ

Date 01/13/20 | Checked MH | Drawn DF

Project Number 561-14-106

Building Number 5

Drawing Number H101

Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

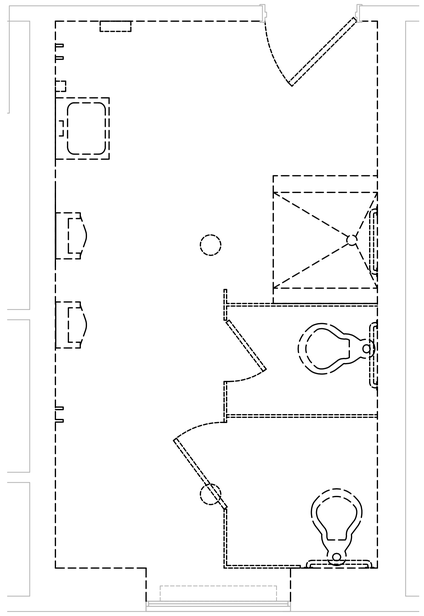
100% CONSTRUCTION DOCUMENTS FOR BID

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FIRE BARRIER LEGEND

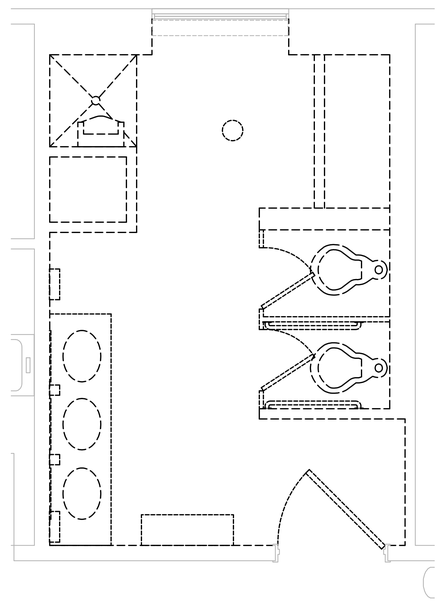
- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING



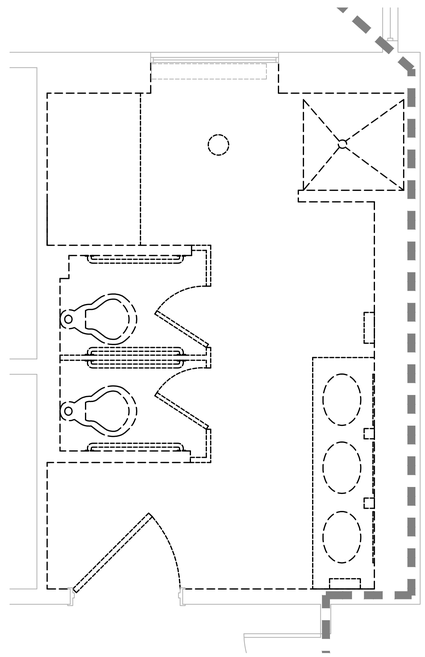
BUILDING 18 - 1st FLOOR
TOILET ROOM 18-118
ABATEMENT MATERIALS INVENTORY
1/2"=1'-0"

NO ASBESTOS IDENTIFIED



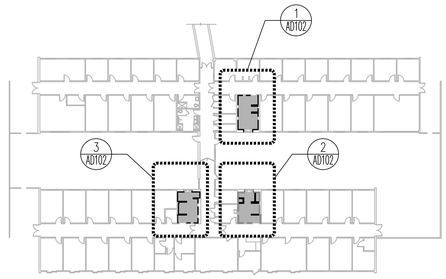
BUILDING 18 - 1st FLOOR
TOILET ROOM 18-144
ABATEMENT MATERIALS INVENTORY
1/2"=1'-0"

NO ASBESTOS IDENTIFIED



BUILDING 18 - 1st FLOOR
TOILET ROOM 18-157
ABATEMENT MATERIALS INVENTORY
1/2"=1'-0"

NO ASBESTOS MATERIALS IDENTIFIED



KEY PLAN - BUILDING 18- 1ST FLOOR
NTS

LEGEND

- ASBESTOS CONTAINING PIPE / FITTING INSULATION
- ASBESTOS CONTAINING PIPE (RISER) INSULATION
- AWC — ASBESTOS CONTAINING WINDOW CAULK
- ASBESTOS CONTAINING MASTIC UNDER 12"X12" VINYL FLOOR TILE

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
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Revisions-	Date

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Bancroft-AE Project No. 17-113

Drawing Title
HAZARDOUS MATERIALS - BUILDING 18 - FLOOR 1
ASBESTOS MATERIALS INVENTORY

Approved Project Director

Project Title
100% CD FOR BID
UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location
EAST ORANGE, NJ

Date: 01/13/20 | Checked: MH | Drawn: DF

Project Number: 561-14-106

Building Number:

Drawing Number: H102

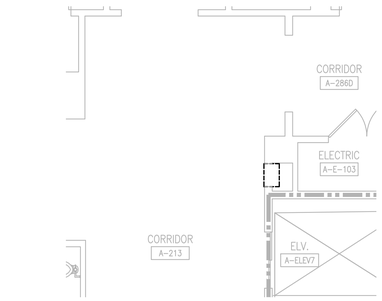
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

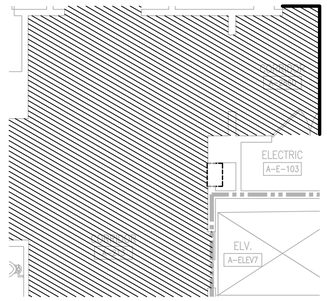
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BUILDING 1
NORTH WING
ABATEMENT PLUMBING PLAN- TYP.
1/4"=1'-0"

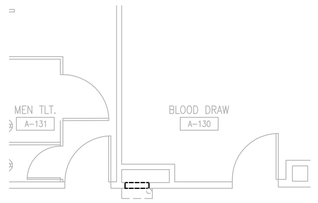
TYPICAL FOR FLOORS:
'A', 1, 4, 5, 6, 7, 8
9, 10, 11

NO ASBESTOS IDENTIFIED



BUILDING 1
NORTH WING
ABATEMENT PLUMBING PLAN- TYP.
1/4"=1'-0"

TYPICAL FOR FLOORS:
2, 3, 12



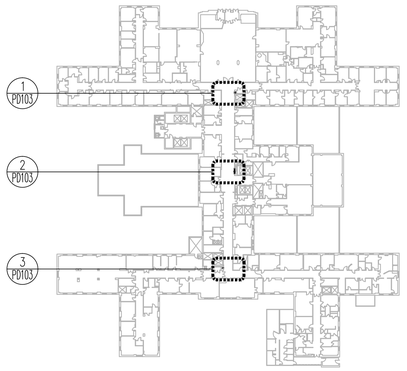
BUILDING 1
FLOOR 'A'- BLOOD DRAW
ABATEMENT PLUMBING PLAN
1/4"=1'-0"

NO ASBESTOS IDENTIFIED

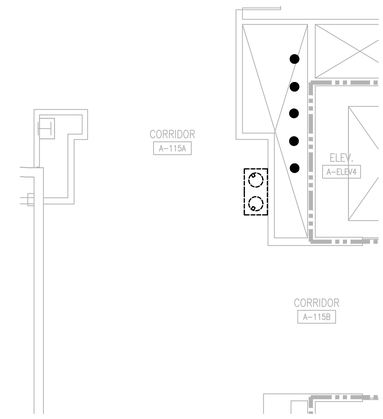
FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING



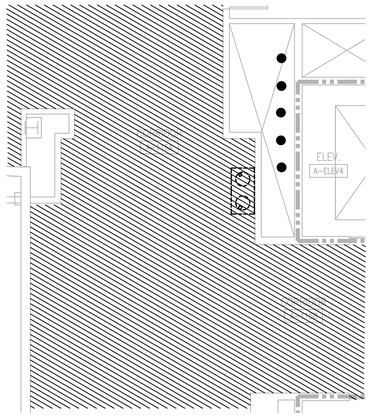
BUILDING 1- 1ST THRU 13 TYP.
KEY PLAN
NTS



BUILDING 1
CORE
ABATEMENT PLUMBING PLAN- TYP.
1/4"=1'-0"

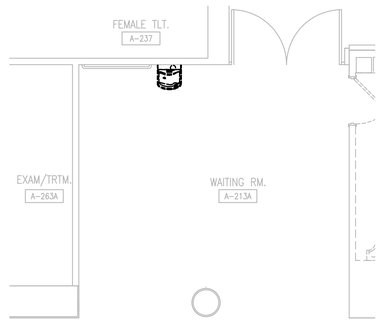
TYPICAL FOR FLOORS:
1, 4, 5, 6, 8, 9, 10,
11, 13

NO ASBESTOS IDENTIFIED



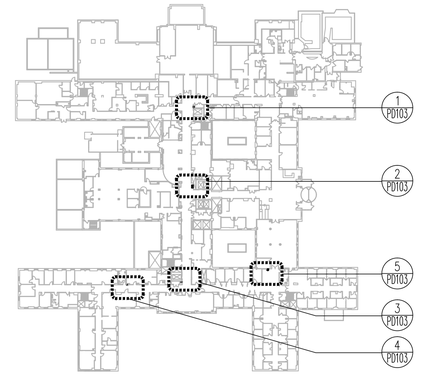
BUILDING 1
CORE
ABATEMENT PLUMBING PLAN- TYP.
1/4"=1'-0"

TYPICAL FOR FLOORS:
'A', 2, 3, 7, 12,

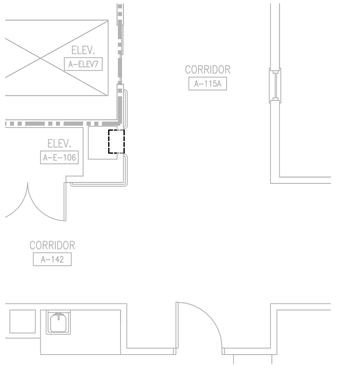


BUILDING 1
FLOOR 'A'- WAITING A-213A
ABATEMENT PLUMBING PLAN
1/4"=1'-0"

NO ASBESTOS IDENTIFIED



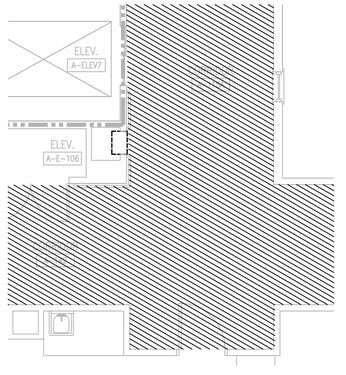
BUILDING 1- FLOOR 'A'
KEY PLAN
NTS



BUILDING 1
SOUTH WING
ABATEMENT PLUMBING PLAN- TYP.
1/4"=1'-0"

TYPICAL FOR FLOORS:
'A', 5, 6, 8, 9, 10,

NO ASBESTOS IDENTIFIED



BUILDING 1
SOUTH WING
ABATEMENT PLUMBING PLAN- TYP.
1/4"=1'-0"

TYPICAL FOR FLOORS:
1, 2, 3, 6, 7, 12, 13

LEGEND

- ASBESTOS CONTAINING PIPE / FITTING INSULATION
- ASBESTOS CONTAINING PIPE (RISER) INSULATION
- AWC — ASBESTOS CONTAINING WINDOW CAULK
- ASBESTOS CONTAINING MASTIC UNDER 12"X12" VINYL FLOOR TILE

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions	Date

KEY PLANS

CONSULTANT

Briggs Associates
3 Crosswicks Street
Bordentown NJ 08505
t: (609) 298-5520

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
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700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: HAZARDOUS MATERIALS - BUILDING 1- FLOORS 'A' THRU 13 EWC ASBESTOS INVENTORY

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: MH | Drawn: DF

Project Number: 561-14-106

Building Number: 1

Drawing Number: H103

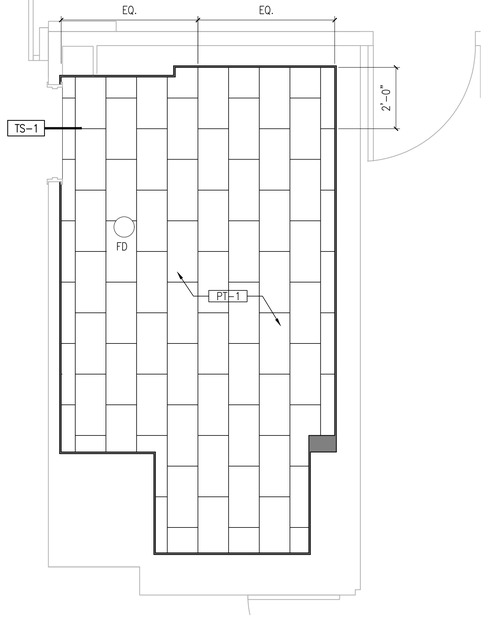
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

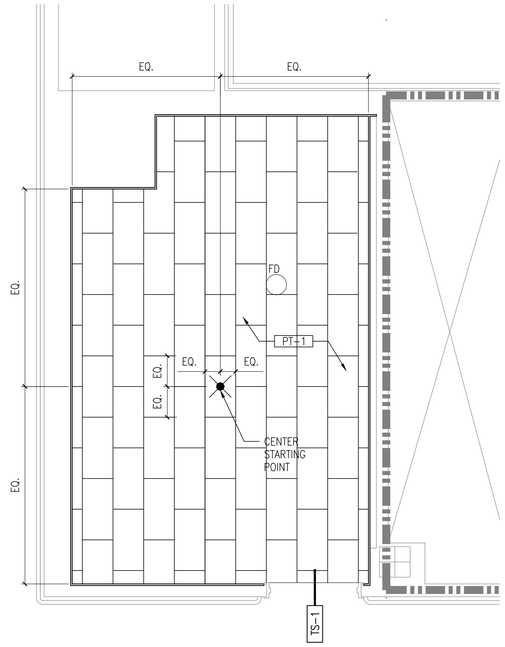
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N 1

BUILDING 1 - FLOOR A
MEN'S H.C. TOILET ROOM A-213
FLOOR FINISH PLAN

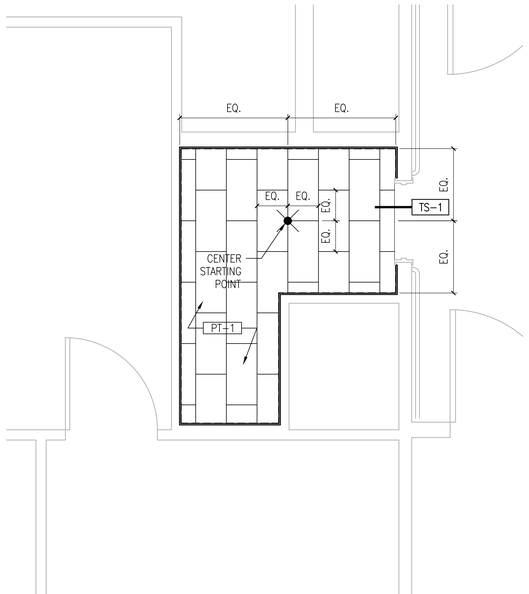
1/2"=1'-0"



N 2

BUILDING 1 - 3rd FLOOR
MEN'S H.C. TOILET ROOM 3-183
FLOOR FINISH PLAN

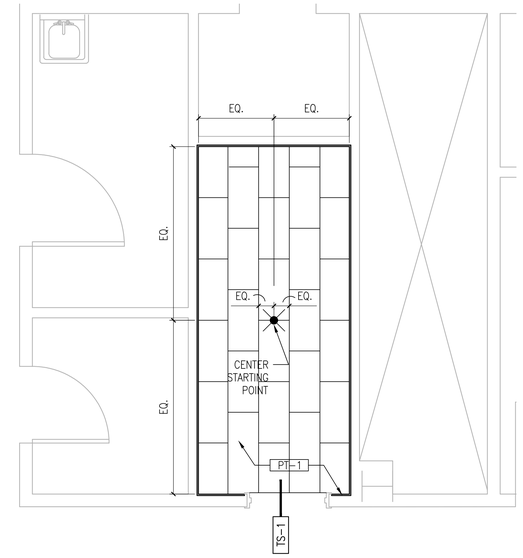
1/2"=1'-0"



N 3

BUILDING 1 - FLOOR 8
UNISEX TOILET ROOM 8-134
FLOOR FINISH PLAN

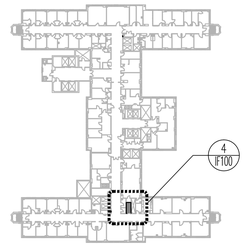
1/2"=1'-0"



N 4

BUILDING 1 - 10TH FLOOR
UNISEX TOILET ROOM 10-183
FLOOR FINISH PLAN

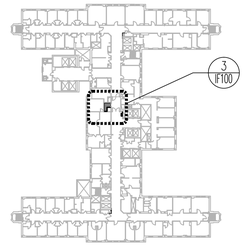
1/2"=1'-0"



N

BUILDING 1- 10TH FLOOR
KEY PLAN

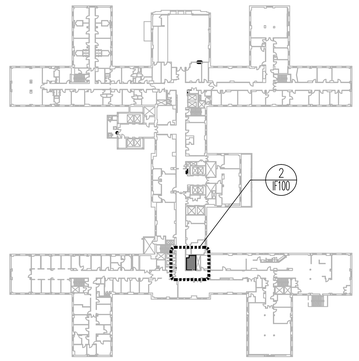
NTS



N

BUILDING 1- 8TH FLOOR
KEY PLAN

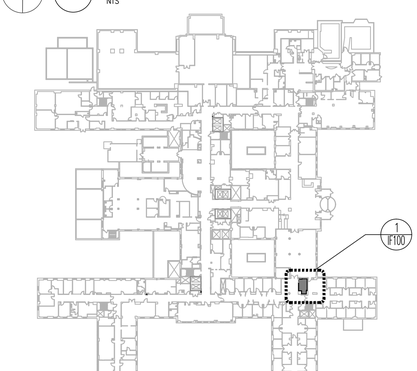
NTS



N

BUILDING 1- 3RD FLOOR
KEY PLAN

NTS



N

BUILDING 1- FLOOR 'A'
KEY PLAN

NTS

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

FLOOR FINISH GENERAL NOTES

A. FOLLOW MANUFACTURER'S REQUIREMENTS FOR SUB-FLOOR PREPARATION.

B. FLOOR LEVELING AS NECESSARY BASED ON SUB-FLOOR CONDITION.

C. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE AND LEGEND.

D. REFER TO SHEET A503 FOR FLOOR TRANSITION DETAILS.

FINISH PLAN LEGEND

PT-# (PORCELAIN TILE) REFER TO ROOM FINISH LEGEND, SHEET I601, FOR PRODUCT MFR., COLOR, AND SIZE.

TS-# TRANSITION TAG- REFER TO SHEET A503 FOR DETAILS

FLOOR PREPARATION

1. ONE OF THE FOLLOWING PRODUCTS SHALL BE USED FOR MASTIC ABATEMENT:
   A. CHEMSAFE 100, OR APPROVED EQUAL.
   B. SENTINEL 909, OR APPROVED EQUAL.
2. GRIND/ SANDBLAST FLOORS WHERE MASTIC HAS BEEN ABATED.
3. APPLY SCHONOX EPA EPOXY, OR APPROVED EQUAL, OVER FLOORS.
4. SKIM COAT OVER EPOXY WITH SCHONOX SL PATCH, OR APPROVED EQUAL, AT APPROXIMATELY 1/8 INCH THICKNESS.

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
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700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: INTERIORS-- BUILDING 1- FLOORS A, 3, 8, 10 FLOOR FINISH PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: ll/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: IF100

Office of Construction and Facilities Management

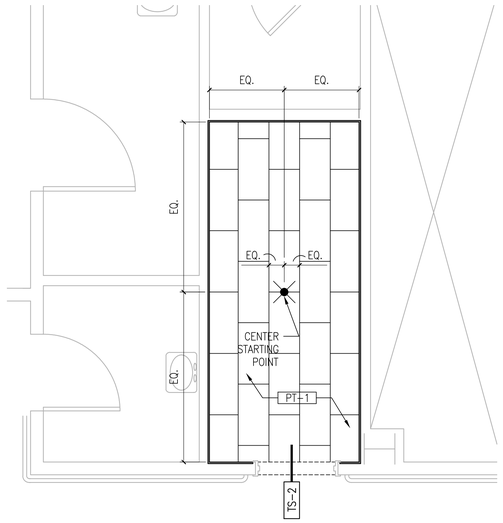
VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

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VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

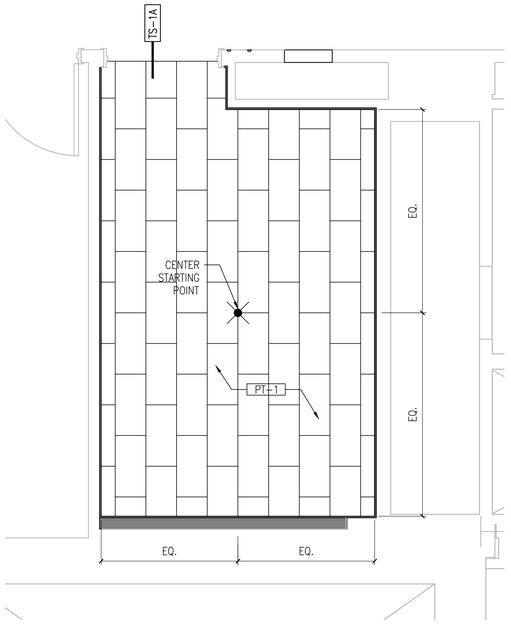


N

1

BUILDING 1 - FLOOR A
MEN'S H.C. TOILET ROOM A-213
FLOOR FINISH PLAN

1/2"=1'-0"



N

2

BUILDING 1 - 3rd FLOOR
MEN'S H.C. TOILET ROOM 3-183
FLOOR FINISH PLAN

1/2"=1'-0"

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

FLOOR FINISH GENERAL NOTES

A. FOLLOW MANUFACTURER'S REQUIREMENTS FOR SUB-FLOOR PREPARATION.

B. FLOOR LEVELING AS NECESSARY BASED ON SUB-FLOOR CONDITION.

C. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE AND LEGEND.

D. REFER TO SHEET A503 FOR FLOOR TRANSITION DETAILS.

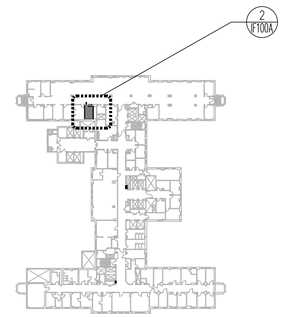
FINISH PLAN LEGEND

PT-# (PORCELAIN TILE) REFER TO ROOM FINISH LEGEND, SHEET I601, FOR PRODUCT MFR., COLOR, AND SIZE.

TS-# TRANSITION TAG- REFER TO SHEET A503 FOR DETAILS

FLOOR PREPARATION

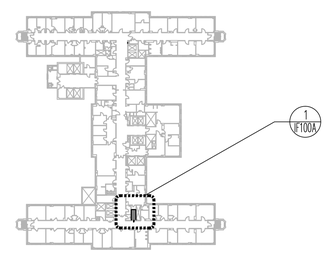
1. ONE OF THE FOLLOWING PRODUCTS SHALL BE USED FOR MASTIC ABATEMENT:
   A. CHEMSAFE 100, OR APPROVED EQUAL.
   B. SENTINEL 909, OR APPROVED EQUAL.
2. GRIND/ SANDBLAST FLOORS WHERE MASTIC HAS BEEN ABATED.
3. APPLY SCHONOX EPA EPOXY, OR APPROVED EQUAL, OVER FLOORS.
4. SKIM COAT OVER EPOXY WITH SCHONOX SL PATCH, OR APPROVED EQUAL, AT APPROXIMATELY 1/8 INCH THICKNESS.



N

BUILDING 1- 13TH FLOOR
KEY PLAN

NTS



N

BUILDING 1- 11TH FLOOR
KEY PLAN

NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

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www.bancroft-ae.com
700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: INTERIORS-- BUILDING 1- FLOORS 11, 13 FLOOR FINISH PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: IF100A

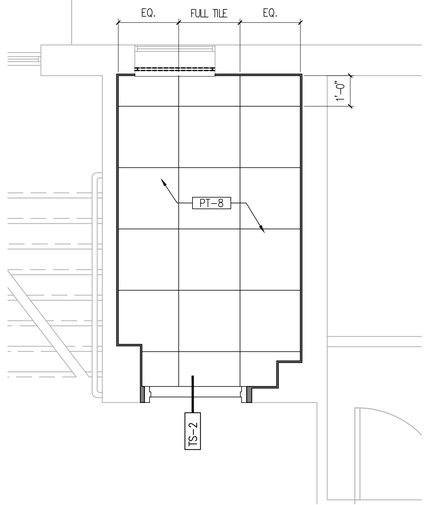
Office of Construction and Facilities Management

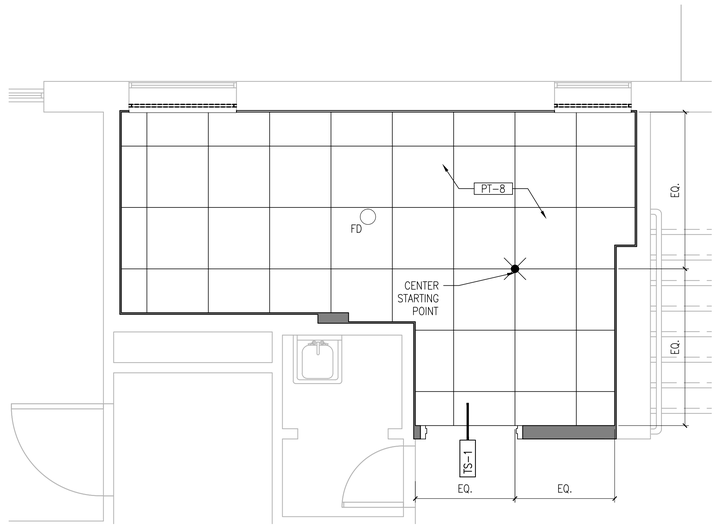
VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
K:\DOCS_PROJECTS\2017\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-IF100.dwg 1-12-20 07:59:27 PM Johnson



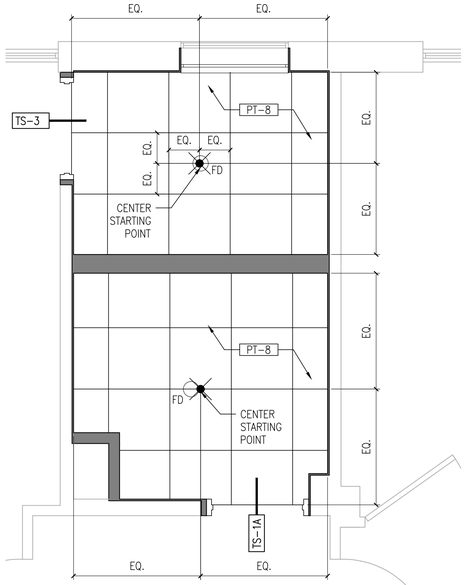


BUILDING 5 - 1ST FLOOR
MEN'S TOILET ROOM 5-1-105
FLOOR FINISH PLAN

1/2"=1'-0"

BUILDING 5 - 1ST FLOOR
WOMEN'S H.C. TOILET ROOM 5-1-106
FLOOR FINISH PLAN

1/2"=1'-0"



BUILDING 5 - 2ND FLOOR
MEN'S TOILET ROOM 5-2-105/5-2-105D
FLOOR FINISH PLAN

1/2"=1'-0"

FIRE BARRIER LEGEND

FIRE BARRIER (1 HR.)

FIRE BARRIER (2 HR.)

SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

FLOOR FINISH GENERAL NOTES

A. FOLLOW MANUFACTURER'S REQUIREMENTS FOR SUB-FLOOR PREPARATION.

B. FLOOR LEVELING AS NECESSARY BASED ON SUB-FLOOR CONDITION.

C. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE AND LEGEND.

D. REFER TO SHEET A503 FOR FLOOR TRANSITION DETAILS.

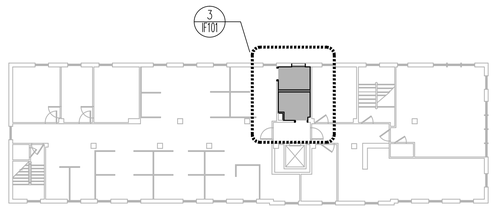
FINISH PLAN LEGEND

PT-# (PORCELAIN TILE) REFER TO ROOM FINISH LEGEND, SHEET I601, FOR PRODUCT MFR., COLOR, AND SIZE.

TS-# TRANSITION TAG- REFER TO SHEET A503 FOR DETAILS

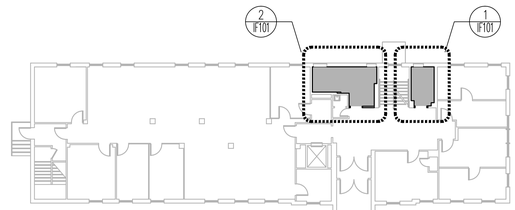
FLOOR PREPARATION

1. ONE OF THE FOLLOWING PRODUCTS SHALL BE USED FOR MASTIC ABATEMENT:
   A. CHEMSAFE 100, OR APPROVED EQUAL.
   B. SENTINEL 909, OR APPROVED EQUAL.
2. GRIND/ SANDBLAST FLOORS WHERE MASTIC HAS BEEN ABATED.
3. APPLY SCHONOX EPA EPOXY, OR APPROVED EQUAL, OVER FLOORS.
4. SKIM COAT OVER EPOXY WITH SCHONOX SL PATCH, OR APPROVED EQUAL, AT APPROXIMATELY 1/8 INCH THICKNESS.



BUILDING 5- 1ST FLOOR
KEY PLAN

NTS



BUILDING 5- 1ST FLOOR
KEY PLAN

NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: INTERIORS - BUILDING 5- FLOOR 1 FLOOR FINISH PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number: 5

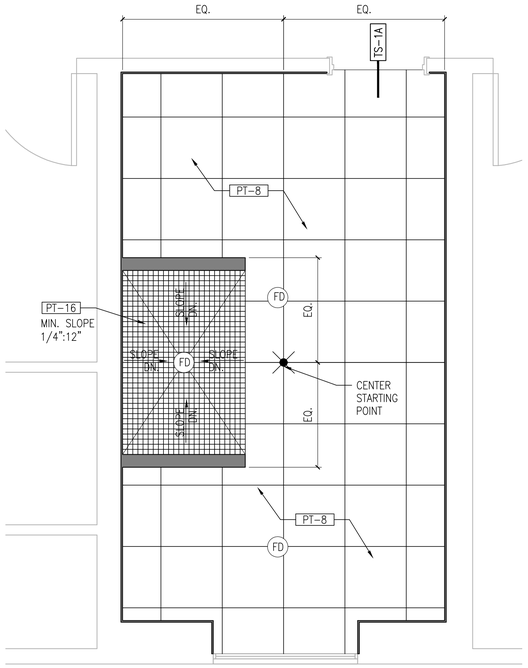
Drawing Number: IF101

Office of Construction and Facilities Management

VA Department of Veterans Affairs

A:\CCD_PROJECTS\2017\17-113 36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-IF101.dwg 1-12-20 07:58:36 PM JJohnson

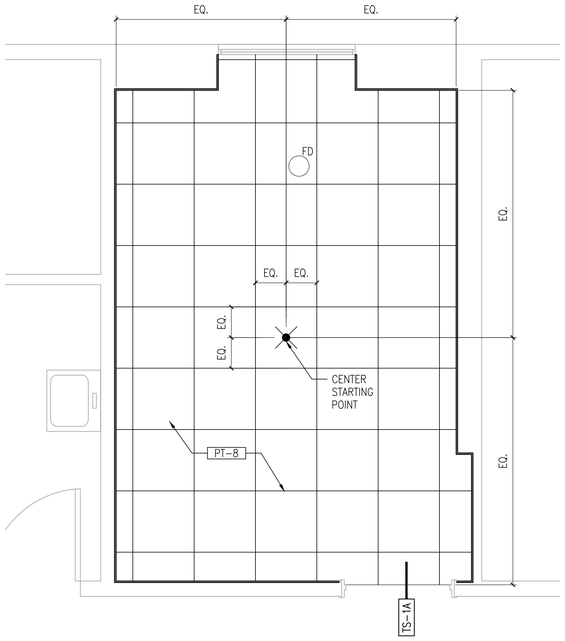
VA FORM 08-6231



NOTE: FEATHER UP TILE MORTAR BED AS REQUIRED TO PROVIDE SLOPE TO DRAIN AT SHOWER

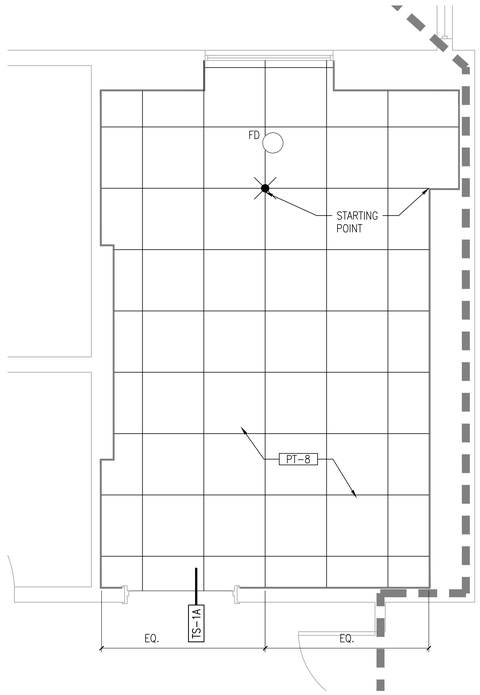
BUILDING 18 - 1ST FLOOR MEN'S H.C. TOILET ROOM 18-118 FLOOR FINISH PLAN

N 1 1/2"=1'-0"



BUILDING 18 - 1ST FLOOR MEN'S H.C. TOILET ROOM 18-144 FLOOR FINISH PLAN

N 2 1/2"=1'-0"



BUILDING 18 - 1ST FLOOR WOMEN'S H.C. TOILET ROOM 18-157 FLOOR FINISH PLAN

N 1 1/2"=1'-0"

FIRE BARRIER LEGEND

- FIRE BARRIER (1 HR.)
- FIRE BARRIER (2 HR.)
- SMOKE BARRIER (1 HR.)

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

FLOOR FINISH GENERAL NOTES

A. FOLLOW MANUFACTURER'S REQUIREMENTS FOR SUB-FLOOR PREPARATION.

B. FLOOR LEVELING AS NECESSARY BASED ON SUB-FLOOR CONDITION.

C. REFER TO SHEET I601 FOR ROOM FINISH SCHEDULE AND LEGEND.

D. REFER TO SHEET A503 FOR FLOOR TRANSITION DETAILS.

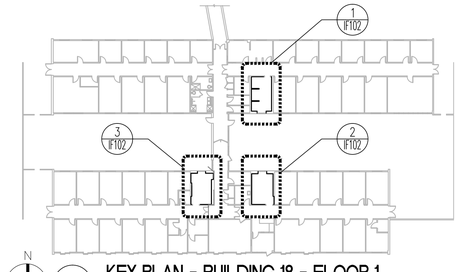
FINISH PLAN LEGEND

PT-# (PORCELAIN TILE) REFER TO ROOM FINISH LEGEND, SHEET I601, FOR PRODUCT MFR., COLOR, AND SIZE.

TS-# TRANSITION TAG- REFER TO SHEET A503 FOR DETAILS

FLOOR PREPARATION

1. ONE OF THE FOLLOWING PRODUCTS SHALL BE USED FOR MASTIC ABATEMENT:
   A. CHEMSAFE 100, OR APPROVED EQUAL.
   B. SENTINEL 909, OR APPROVED EQUAL.
2. GRIND/ SANDBLAST FLOORS WHERE MASTIC HAS BEEN ABATED.
3. APPLY SCHONOX EPA EPOXY, OR APPROVED EQUAL, OVER FLOORS.
4. SKIM COAT OVER EPOXY WITH SCHONOX SL PATCH, OR APPROVED EQUAL, AT APPROXIMATELY 1/8 INCH THICKNESS.



N KEY PLAN - BUILDING 18 - FLOOR 1 NTS

VA CONTRACT NO. 36C242-18-C-0004

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
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Bancroft-AE Project No. 17-113

Drawing Title: ARCHITECTURAL - BUILDING 18 - FLOOR 1 FLOOR FINISH PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: IJ/JC

Project Number: 561-14-106

Building Number: 18

Drawing Number: IF102

Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

K:\CCG_PROJECTS\2017\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-IF102.dwg 1-12-20 08:03:03 PM Johnson

ROOM FINISH LEGEND

BUILDING 1

Key	Item	Manufacturer/Design Basis	Product Properties	Style/Color	Contact
FLOORING					
PT-1	PORCELAIN TILE (WOMEN'S) & MEN'S/UNISEX	DALTILE or Approved Equal	PORCELAIN/3/16" GROUT SPACING	ARTICULO - FEATURE BEIGE AR07 - 12" X 24"	Lynn Mills 630-306-1550
TS-1/ TS-1A	TRANSITION STRIP	JOHNSTONITE or Approved Equal	1/8" gauge - Thermoplastic vinyl	CD-63-P (1/2" porcelain tile to 1/8" LVT/VCT)/ COLOR: BURNT UMBER	Laurie Lange (847) 814-9806
TS-2	TRANSITION STRIP (THRESHOLD)	MSI SURFACES	ENGINEERED SOLID SURFACE	SINGLE\HOLLYWOOD/4" WIDE MAXIMUM WITHIN WIDTH OF DOOR/HOLLOW METAL FRAME/FLUSH WITH PORCELAIN TILE/BLACK	714-685-7500
WALL BASE					
PTB-1	PORCELAIN TILE COVE (WOMEN'S)	CROSSVILLE or Approved Equal	PORCELAIN/3/16" GROUT SPACING	NOTORIUS/6" X 12" BASE/COLOR: PRIVATE EYE	Darlene Cozzi (847) 561-9582
PTB-2	PORCELAIN TILE COVE (MEN'S/UNISEX)	CROSSVILLE or Approved Equal	PORCELAIN/3/16" GROUT SPACING	NOTORIUS/6" X 12"/COLOR: SUGAR DADDY	Darlene Cozzi (847) 561-9582
WALL FINISH					
PT-3	PORCELAIN TILE (MEN'S) UNISEX	CROSSVILLE or Approved Equal	PORCELAIN/3/16" GROUT SPACING	CROSSVILLE/NOTORIUS/12" X 12"/COLOR: SUGAR DADDY NTR03 HONED	Darlene Cozzi (847) 561-9582
PT-4	ACCENT TILE (MEN'S) UNISEX	CROSSVILLE or Approved Equal	GLASS	EBB & FLOW/ FIELD TILE/EF07/STICKS & STONES/LINEAR MOSAIC	Darlene Cozzi (847) 561-9582
PT-5	PORCELAIN TILE (WOMEN'S)	CROSSVILLE or Approved Equal	PORCELAIN/3/16" GROUT SPACING	NOTORIUS - PRIVATE EYE HON- NTR02 - 12" X 12"	Darlene Cozzi (847) 561-9582
PT-6	ACCENT TILE (WOMEN'S)	CROSSVILLE or Approved Equal	GLASS	EBB & FLOW/ FIELD TILE/EF04/SAND & SURF/LINEAR MOSAIC	Darlene Cozzi (847) 561-9582
PTW-1	STRAIGHT EDGE PROVIDE FOR PORCELAIN TILE	SCHLUTER-SYSTEMS or Approved Equal	STAINLESS STEEL OUTSIDE WALL CORNER INTERSECTION	SCHLUTER SCHIENE - 3/8"	Darlene Cozzi (847) 561-9582
MILLWORK SURFACE					
SS-1	SOLID SURFACE PANELS (EWC's and Bottle Fillers)	CORIAN or Approved Equal	ACRYLIC POLYMER	COLOR: BISQUE	
SS-3	SOLID SURFACE FOR LARGE WALL PANELS				
CEILING					
ACT-1	ACOUSTICAL TILE	USG or Approved Equal	WET FORMED MINERAL FIBER, TYPE IV, FIRE CLASS A, HUMAGUARD PLUS, 88% BIOBASED CONTENT	MARS CLIMAPLUS #86185 White 2' X 2' X 3/4" with 15/16" White Grid	
P-3	PAINT (CEILING)	SHERWIN WILLIAMS or Approved Equal	EGG SHELL- MPI-53-X-GREEN	ProMar 200 Zero VOC Interior Latex; COLOR: SW7757|HIGH REFLECTIVE WHITE 256-C1	
TOILET PARTITIONS/ PRIVACY SCREENS/ URINAL SCREENS					
TP-1	TOILET PARTITIONS/ SCREENS	BRADLEY or VA Approved Equal	SATIN BRUSH FINISH #4/1" THICK, CONSTRUCTED FROM 22 GAUGE STAINLESS STEEL.	SERIES 500/SEAMLESS PANELS/CORNERS WELDED SMOOTH	
MISCELLANEOUS FINISHES					
	GROUT (FLOOR)	BOSTIK or Approved Equal	URETHANE WATER BASED QUARTZ AGGREGATE	TRUCOLOR RAPID CURE/ COLOR: FRENCH GRAY H142	
	GROUT (WALLS)	BOSTIK or Approved Equal	URETHANE WATER BASED QUARTZ AGGREGATE	TRUCOLOR RAPID CURE/ COLOR: MOBE PEARL H145	
	GROUT ACCENT TILE (MEN'S)	BOSTIK or Approved Equal	URETHANE WATER BASED QUARTZ AGGREGATE	TRUCOLOR RAPID CURE/COLOR: DELOREAN GRAY	
	GROUT ACCENT TILE (WOMEN'S)	BOSTIK or Approved Equal	URETHANE WATER BASED QUARTZ AGGREGATE	DIMENSION/ COLOR: HEMATILE H671	
	WOOD DOOR	MARSHFIELD DOOR SYSTEM or Approved Equal	THERMAL FUSED/1-3/4"/STRUCTURALLY ENGINEERED PARTICLE BOARD CORE/.O4" THICK EDGEBANDING & TOP EDGE GUARD	DURABLE DOOR/ COLOR: RIGA-BIRCH	
	SIGNAGE	Takeform or Approved Equal		STANDARDS PROVIDED (SEE I310/I320)	

BUILDING 5

Key	Material	Manufacturer/Design Basis	Product Properties	Style/Color	Contact
FLOORING					
PT-8	PORCELAIN TILE WOMEN'S & (MEN'S/UNISEX)	VALLELUNGA & CO or VA Approved Equal	PORCELAIN/3/16" GROUT SPACING	FOUSSANA - G2044AO - GRAY-MATTE/24" X 24"	Darlene Cozzi (847) 561-9582
TS-1/ TS-1A	TRANSITION STRIP	JOHNSTONITE or VA Approved Equal	1/8" gauge - Thermoplastic vinyl	CD-63-B (1/2" porcelain tile to 1/8" LVT/VCT)/ COLOR: BURNT UMBER	Carolyn Kotel-Lyne (224) 659-4107
TS-2	TRANSITION STRIP (THRESHOLD)	MSI SURFACES	ENGINEERED SOLID SURFACE	SINGLE\HOLLYWOOD/4" WIDE MAXIMUM WITHIN WIDTH OF DOOR/HOLLOW METAL FRAME/FLUSH WITH PORCELAIN TILE/BLACK	714-685-7500
TS-3	TRANSITION STRIP	JOHNSTONITE or VA Approved Equal	1/8" gauge - Thermoplastic vinyl	CE-63-C (1/4" CARPET TO 3/8" PORCELAIN TILE) COLOR: BURNT UMBER	Laurie Lange (847) 814-9806
WALL BASE					
PTB-1	PORCELAIN TILE COVE (WOMEN'S)	CROSSVILLE or Approved Equal	PORCELAIN/3/16" GROUT SPACING	NOTORIUS/6" X 12" BASE/COLOR: PRIVATE EYE	Darlene Cozzi (847) 561-9582
PTB- 2	PORCELAIN TILE COVE (MEN'S/UNISEX)	CROSSVILLE or Approved Equal	PORCELAIN/3/16" GROUT SPACING	NOTORIUS/6" X 12"/COLOR: SUGAR DADDY	Darlene Cozzi (847) 561-9582
WALL FINISH					
PT-9	PORCELAIN TILE (WOMEN'S TOILET)	CROSSVILLE or Approved Equal	PORCELAIN/3/16" GROUT SPACING	CROSSVILLE/NOTORIUS/24" X 36"/COLOR: PRIVATE EYE NTR02 HONED	Darlene Cozzi (847) 561-9582
PT-10	PORCELAIN TILE (MEN'S/UNISEX TOILET)	CROSSVILLE or Approved Equal	PORCELAIN/3/16" GROUT SPACING	CROSSVILLE/NOTORIUS/24" X 36"/COLOR: SUGAR DADDY NTR03 HONED	Darlene Cozzi (847) 561-9582
PT-11	ACCENT TILE(WOMEN'S)	CROSSVILLE or Approved Equal	GLASS	EBB & FLOW/ FIELD TILE/EF03/FLORA & FAUNA/1/2" X 3"	Darlene Cozzi (847) 561-9582
PT-12	ACCENT TILE (MENS/UNISEX)	CROSSVILLE or Approved Equal	GLASS	EBB & FLOW/ FIELD TILE/EF08/DUSK & DAWN/1/2" X 3"	Darlene Cozzi (847) 561-9582
PTW-1	STRAIGHT EDGE PROVIDE FOR PORCELAIN TILE	SCHLUTER-SYSTEMS or Approved Equal	STAINLESS STEEL OUTSIDE WALL CORNER INTERSECTION	SCHLUTER SCHIENE - 3/8"	Darlene Cozzi (847) 561-9582
CEILING					
ACT-1	ACOUSTICAL TILE	USG or Approved Equal	WET FORMED MINERAL FIBER, TYPE IV, FIRE CLASS A, HUMAGUARD PLUS, 88% BIOBASED CONTENT	MARS CLIMAPLUS #86185 White 2' X 2' X 3/4" with 15/16" White Grid	Andy Vegter (847) 707-0937
TOILET PARTITIONS/ PRIVACY SCREENS/ URINAL SCREENS					
TP-1	TOILET PARTITIONS/	BRADLEY or VA Approved Equal	SATIN BRUSH FINISH #4/1" THICK, CONSTRUCTED FROM 22 GAUGE STAINLESS STEEL.	SERIES 500/SEAMLESS PANELS/CORNERS WELDED SMOOTH	
MISCELLANEOUS FINISHES					
	GROUT (FLOOR)(WOMEN'S/ MEN'S/UNISEX)	BOSTIK or Approved Equal	URETHANE WATER BASED QUARTZ AGGREGATE	TRUCOLOR RAPID CURE/ COLOR: H144 MISTY GRAY	Darlene Cozzi (847) 561-9582
	GROUT (WALLS)(WOMEN'S)	BOSTIK or Approved Equal	URETHANE WATER BASED QUARTZ AGGREGATE	TRUCOLOR RAPID CURE/ COLOR: H135 ANTIQUE WHITE	Darlene Cozzi (847) 561-9582
	GROUT (WALLS)(MEN'S/ UNISEX)	BOSTIK or Approved Equal	URETHANE WATER BASED QUARTZ AGGREGATE	TRUCOLOR RAPID CURE/ COLOR: H145 MOBE PEARL	Darlene Cozzi (847) 561-9582
	ACCENT TILE GROUT (WOMEN'S)	BOSTIK or Approved Equal	URETHANE WATER BASED QUARTZ AGGREGATE	DIMENSION/ COLOR: HG71 HEMATITE	Darlene Cozzi (847) 561-9582
	ACCENT TILE GROUT (MEN'S/UNISEX)	BOSTIK or Approved Equal	URETHANE WATER BASED QUARTZ AGGREGATE	DIMENSION/ COLOR: HG70 MOONSTONE	Darlene Cozzi (847) 561-9582
SS-1	SOLID SURFACE WINDOW SILL	CORIAN or Approved Equal	ACRYLIC POLYMER	COLOR: BISQUE	
	WOOD DOOR	MARSHFIELD DOOR SYSTEM or Approved Equal	THERMAL FUSED/1-3/4"/STRUCTURALLY ENGINEERED PARTICLE BOARD CORE/.O4" THICK EDGEBANDING & TOP EDGE GUARD	DURABLE DOOR/ COLOR: RIGA-BIRCH	
	SIGNAGE	Takeform or Approved Equal		STANDARDS PROVIDED	

ROOM FINISH LEGEND

BUILDING 18

Key	Material	Manufacturer/Design Basis	Product Properties	Style/Color	Contact
FLOORING					
PT-8	PORCELAIN TILE (WOMEN'S/MEN'S)	Vallelunga & Co. or Approved Equal	PORCELAIN/3/16" GROUT SPACING	FOUSSANA - G2044AO - GRAY-MATTE/24" X 24"	Darlene Cozzi (847) 561-9582
WALL BASE					
PTB-1	PORCELAIN TILE (WOMEN'S)	CROSSVILLE or Approved Equal	PORCELAIN/3/16" GROUT SPACING	NOTORIUS - PRIVATE EYE HON- NTR02 - 6" X 12"/COVE BASE	Darlene Cozzi (847) 561-9582
PTB- 2	PORCELAIN TILE (MEN'S)	CROSSVILLE or Approved Equal	PORCELAIN/3/16" GROUT SPACING	NOTORIUS - SUGAR DADDY HON-NTR03- 6" X 12"/COVE BASE	Darlene Cozzi (847) 561-9582
WALL FINISH					
PT-13	PORCELAIN TILE(WOMEN'S TOILET)	CROSSVILLE or Approved Equal	PORCELAIN/3/16" GROUT SPACING	NOTORIUS - PRIVATE EYE HON- NTR02 - 12" X 24"	Darlene Cozzi (847) 561-9582
PT-14	PORCELAIN TILE (MEN'S TOILET)	CROSSVILLE or Approved Equal	PORCELAIN/3/16" GROUT SPACING	NOTORIUS - SUGAR DADDY HON-NTR03- 12" X 24"	Darlene Cozzi (847) 561-9582
PT-15	ACCENT TILE (WOMEN'S & MEN'S)	CROSSVILLE or Approved Equal	PORCELAIN/LINEAR MOSAIC RUN VERTICAL	SERIES: YING & YANG - KOI POND - LINEAR MOSAIC - 12" x 12"	Darlene Cozzi (847) 561-9582
PT-16	SHOWER BASE TILE (MEN'S TOILET)	CROSSVILLE or Approved Equal	PORCELAIN/3/16" GROUT SPACING	NOTORIUS - SUGAR DADDY NTR03- MOSAICS UPS FINISH (Mounted on an 12 x 12 sheet - SHOWER PAN)	Darlene Cozzi (847) 561-9582
PTW-1	STRAIGHT EDGE PROVIDE FOR PORCELAIN TILE	SCHLUTER-SYSTEMS or Approved Equal	STAINLESS STEEL OUTSIDE WALL CORNER INTERSECTION	SCHLUTER SCHIENE - 3/8"	Darlene Cozzi (847) 561-9582
MILLWORK SURFACE					
SS-4	COUNTERTOP (MEN'S)& WOMEN'S	WILSONART or Approved Equal	WITH/INTEGRAL SINK	IRON FALLS - 9238SSWITH/INTEGRAL SINK	Tracy Valle 312-493-5976
CEILING					
P-3	PAINT (CEILING)	SHERWIN WILLIAMS or Approved Equal	EGG SHELL- MPI-53-X-GREEN	ProMar 200 Zero VOC Interior Latex; COLOR: SW7757|HIGH REFLECTIVE WHITE 256-C1	Annmarie Fabbi (224)221-1392
TOILET PARTITIONS/ PRIVACY SCREENS/ URINAL SCREENS					
TP-1	TOILET PARTITIONS/	BRADLEY or VA Approved Equal	SATIN BRUSH FINISH #4/1" THICK, CONSTRUCTED FROM 22 GAUGE STAINLESS STEEL.	SERIES 500/SEAMLESS PANELS/CORNERS WELDED SMOOTH	
MISCELLANEOUS FINISHES					
	GROUT (FLOOR)(MEN'S & WOMEN'S)	BOSTIK or Approved Equal	URETHANE WATER BASED QUARTZ AGGREGATE	TRUCOLOR RAPID CURE/ COLOR: H142 FRENCH GRAY	Darlene Cozzi (847) 561-9582
	GROUT (WALLS)(MEN'S & WOMEN'S)	BOSTIK or Approved Equal	URETHANE WATER BASED QUARTZ AGGREGATE	TRUCOLOR RAPID CURE/ COLOR: H145 MOBE PEARL	Darlene Cozzi (847) 561-9582
	ACCENT TILE GROUT (MEN'S & WOMEN'S)	BOSTIK or Approved Equal	URETHANE WATER BASED QUARTZ AGGREGATE	TRUCOLOR RAPID CURE/ COLOR: H146 NATURAL	Darlene Cozzi (847) 561-9582
	WOOD DOORS	MARSHFIELD DOOR SYSTEM OR APPROVED EQUAL	THERMAL FUSED/1-3/4"/STRUCTURALLY ENGINEERED PARTICLE BOARD CORE/.O4" THICK EDGEBANDING & TOP EDGE GUARD	DURABLE DOOR/ COLOR: RIGA-BIRCH	
	SIGNAGE	Takeform or Approved Equal		STANDARDS PROVIDED	
	ADA SUPPORT BRACKETS	A&M HARDWARE or VA Approved Equal	12 GAUGE STEEL	COUNTER TOPS	

ROOM FINISH SCHEDULE

Room No.	Room Name	Floor		Base		Walls												CEILING		Remarks
						North			West			South			East					
		Material	Color	Material	Color	Material	Finish	Color	Material	Finish	Color	Material	Finish	Color	Material	Finish	Color	Type	Height	
BUILDING 1																				
A-213	MEN'S HC TOILET	PT	PT-1	PT	PTB-1	CBB	PT	PT-3/4	CBB	PT	PT-3/4	CBB	PT	PT-3/4	CBB	PT	PT-3/4	ACT	8'-4"	SEE ELEVATIONS FOR DETAIL
2-332	SPS PREP RM.	ETR	ETR	ETR	ETR	ETR	ETR	NA	ETR	ETR	NA	ETR	ETR	NA	ETR	ETR	NA	ETR	ETR	REMOVE AND REINSTALL EX. ACT
2-278A	(ABANDONED)	ETR	ETR	ETR	ETR	ETR	ETR	NA	ETR	ETR	NA	ETR	ETR	NA	ETR	ETR	NA	ETR	ETR	REMOVE AND REINSTALL EX. ACT
3-183	MEN'S HC TOILET	PT	PT-1	PT	PTB-1	CBB	PT	PT-2/3	CBB	PT	PT-2/3	CBB	PT	PT-2/3	CBB	PT	PT-2/3	ACT	8'-1"	SEE ELEVATIONS FOR DETAIL
8-134	UNISEX TOILET	PT	PT-1	PT	PTB-1	CBB	PT	PT-2/3	CBB	PT	PT-2/3	CBB	PT	PT-2/3	CBB	PT	PT-2/3	GWB/P-3	8'-1"	SEE ELEVATIONS FOR DETAIL
10-183	UNISEX TOILET	PT	PT-1	PT	PTB-1	CBB	PT	PT-2/3	CBB	PT	PT-2/3	CBB	PT	PT-2/3	CBB	PT	PT-2/3	ACT	8'-0"	SEE ELEVATIONS FOR DETAIL
11-169	UNISEX TOILET	PT	PT-1	PT	PTB-1	CBB	PT	PT-2/3	CBB	PT	PT-2/3	CBB	PT	PT-2/3	CBB	PT	PT-2/3	GWB/P-3	8'-0"	SEE ELEVATIONS FOR DETAIL
12-207	OFFICE	ETR	ETR	ETR	ETR	ETR	ETR	NA	ETR	ETR	NA	ETR	ETR	NA	ETR	ETR	NA	ACT	MATCH EX.	
12-208	OFFICE	ETR	ETR	ETR	ETR	ETR	ETR	NA	ETR	ETR	NA	ETR	ETR	NA	ETR	ETR	NA	ACT	MATCH EX.	
13-208	WOMEN'S HC TOILET	PT	PT-2	PT	PTB-1	CBB	PT	PT-5/6	CBB	PT	PT-5/6	CBB	PT	PT-5/6	CBB	PT	PT-5/6	ACT	8'-4"	SEE ELEVATIONS FOR DETAIL
BUILDING 5																				
1-105	MEN'S TOILET	PT	PT-8	PT	PTB-3	CBB	PT	PT-10/12	CBB	PT	PT-10/12	CBB	PT	PT-10/12	CBB	PT	PT-10/12	ACT	7'-11"	SEE ELEVATIONS FOR DETAIL
1-106	WOMEN'S HC TOILET	PT	PT-7	PT	PTB-2	CBB	PT	PT-9/11	CBB	PT	PT-9/11	CBB	PT	PT-9/11	CBB	PT	PT-9/11	ACT	7'-7"	SEE ELEVATIONS FOR DETAIL
2-105	UNISEX HC TOILET	PT	PT-8	PT	PTB-3	CBB	PT	PT-10/12	CBB	PT	PT-10/12	CBB	PT	PT-10/12	CBB	PT	PT-10/12	ACT	7'-11"	SEE ELEVATIONS FOR DETAIL
2-105D	UNISEX HC TOILET	PT	PT-8	PT	PTB-3	CBB	PT	PT-10/12	CBB	PT	PT-10/12	CBB	PT	PT-10/12	CBB	PT	PT-10/12	ACT	7'-11"	SEE ELEVATIONS FOR DETAIL
BUILDING 18																				
18-118	MEN'S HC TOILET	PT	PT-13	PT	PTB-5	CBB	PT	PT-15/16	CBB	PT	PT-15/16	CBB	PT	PT-15/16	CBB	PT	PT-15/16	GWB/P-3	7'-11"	SEE ELEVATIONS FOR DETAIL
18-144	MEN'S HC TOILET	PT	PT-13	PT	PTB-5	CBB	PT	PT-15/16	CBB	PT	PT-15/16	CBB	PT	PT-15/16	CBB	PT	PT-15/16	GWB/P-3	7'-8"	SEE ELEVATIONS FOR DETAIL
18-157	WOMEN'S HC TOILET	PT	PT-13	PT	PTB-4	CBB	PT	PT-14/16	CBB	PT	PT-14/16	CBB	PT	PT-14/16	CBB	PT	PT-14/16	GWB/P-3	7'-11"	SEE ELEVATIONS FOR DETAIL

ABBREVIATIONS:

ACT:	ACOUSTICAL CEILING TILE	ETR:	EXISTING TO REMAIN	P:	PAINT
CBB:	CEMENTITIOUS BACKER BD.	GWB:	GYPSUM BOARD	PT:	PORCELAIN TILE

GENERAL NOTES:

A. SKIM COAT ALL WALLS TO REMAIN WHERE EXISTING FINISHES ARE REMOVED. LEAVE WALLS SMOOTH FOR INSTALLATION OF NEW FINISHES.
B. WALL PAINT TO MATCH EXISTING 'STATION ' STANDARD ON FLOORS.
C. REVIEW ELEVATIONS FOR LOCATIONS OF FINISH MATERIALS.

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

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Bancroft-AE Project No. 17-113

Drawing Title: INTERIORS- ROOM FINISH SCHEDULE AND FINISH LEGEND

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II

Project Number: 561-14-106

Building Number:

Drawing Number: I601

Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID

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VA FORM 08-6231

ACCESSORY AND EQUPMENT SCHEDULE - NEW JERSEY ORANGE CAMPUS RENOVATE BATHROOMS AND DRINKING FOUNTAINS

Room Name & Number	JSN	JSN Name	Qty	Provided By	Manufacturer	Color/Finish	Comments
BUILDING 1							
MEN'S H.C. TOILET	A1066	Mirror, Float Glass, With SS Frame, 24" X 36"	1	CC			
A-213	U4995	Diaper Changing Station, Surface wall mounted	1	CC	Koala KB111-SSWM, 22"W x 35-1/2"H.	Stainless Steel clad	Vertical unit.
	A5075	Dispenser, Soap, Disposable	1	VV			
	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	VV			
	A5109	Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 18"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 24"	2	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 36"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible,42"	2	CC			
	A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	2	VV			
	F2010	Waste paper basket, step on, flip top	1	VV			
	U1000	Nurse Call	1	CC			
	U0102	Under Lavatory Guard	1	CC	TRUEBRO Lav Guard2 102 E-Z or equal		
	P3100	Lavatory, Wrist Blades	1	CC			
	P8150	Urinal, Wall Mounted	1	CC			
	P9050	Toilet, Floor Mounted, Siphon Jet	2	CC			
MEN'S H.C. TOILET	A1066	Mirror, Float Glass, With SS Frame, 24" X 36"	2	CC			
3-183	A4995	Diaper Changing Station, Surface wall mounted	1	CC	Koala KB110-SSWM, 35-1/4"W x 20"H.	Stainless Steel clad	Horizontal unit.
	A5075	Dispenser, Soap, Disposable	2	VV			
	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	VV			
	A5084	Dryer, Hands Free Forced Air, Automatic	1	CC			
	A5109	Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 18"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 24"	2	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 36"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible,42"	2	CC			
	A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	2	VV			
	F2010	Waste paper basket, step on, flip top	1	VV			
	U1000	Nurse Call	1	CC			
	U0102	Under Lavatory Guard	2	CC	TRUEBRO Lav Guard2 102 E-Z or equal		
	P3100	Lavatory, Wrist Blades	2	CC			
	P8150	Urinal, Wall Mounted	1	CC			
	P9050	Toilet, Floor Mounted, Siphon Jet	2	CC			
UNISEX TOILET	A1066	Mirror, Float Glass, With SS Frame, 24" X 36"	1	CC			
8-134	A5075	Dispenser, Soap, Disposable	1	VV			
	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	VV			
	A5109	Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible,42"	1	CC			
	A5145	Hook, Garment, Double, SS, Surface Mounted	1	CC			
	A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	VV			
	F2010	Waste paper basket, step on, flip top	1	VV			
	U0102	Under Lavatory Guard	1	CC	TRUEBRO Lav Guard2 102 E-Z or equal		
	P3100	Lavatory, Wrist Blades	1	CC			
	P9050	Toilet, Floor Mounted, Siphon Jet	1	CC			
UNISEX TOILET	A1066	Mirror, Float Glass, With SS Frame, 24" X 36"	2	CC			
10-183	A5145	Hook, Garment, Double, SS, Surface Mounted	2	CC			
11-169	A5075	Dispenser, Soap, Disposable	2	VV			
	A5080	Dispenser, Paper Towel, SS, Surface Mounted	2	VV			
	A5109	Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 18"	2	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 36"	2	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible,42"	2	CC			
	A5145	Hook, Garment, Double, SS, Surface Mounted	2	CC			
	A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	2	VV			
	F2010	Waste paper basket, step on, flip top	1	VV			
	U0102	Under Lavatory Guard	2	CC	TRUEBRO Lav Guard2 102 E-Z or equal		
	P3100	Lavatory, Wrist Blades	2	CC			
	P8150	Urinal, Wall Mounted	2	CC			
	P9050	Toilet, Floor Mounted, Siphon Jet	2	CC			
WOMEN'S H.C. TOILET	A1066	Mirror, Float Glass, With SS Frame, 24" X 36"	2	CC			
13-208	A5075	Dispenser, Soap, Disposable	2	VV			
	A5080	Dispenser, Paper Towel, SS, Surface Mounted	2	VV			
	A5109	Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 18"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 36"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible,42"	1	CC			
	A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	2	VV			
	F2010	Waste paper basket, step on, flip top	1	VV			
	U1000	Nurse Call	1	CC			
	U0102	Under Lavatory Guard	2	CC	TRUEBRO Lav Guard2 102 E-Z or equal		
	P3100	Lavatory, Wrist Blades	2	CC			

NOTES:
TAG NUMBER STARTING WITH "U" DO NOT HAVE VA PROVIDED JSN NUMBER
CC - CONTRACTOR FURNISHED/INSTALLED
VV - GOVT FURNISHED & INSTALLED
VC- GOVT FURNISHED & CONTRACTOR INSTALLED
AR - "AS REQUIRED" FINAL QUANTITY NOT ESTABLISHED

ACCESSORY AND EQUPMENT SCHEDULE - NEW JERSEY ORANGE CAMPUS RENOVATE BATHROOMS AND DRINKING FOUNTAINS

Room Name & Number	JSN	JSN Name	Qty	Provided By	Manufacturer	Color/Finish	Comments
	P9050	Toilet, Floor Mounted, Siphon Jet	2	CC			
	U4995	Diaper Changing Station, Surface wall mounted	1	CC	Koala KB111-SSWM, 22"W x 35-1/2"H.	Stainless steel clad	Vertical unit
BUILDING 5							
MEN'S TOILET	A1066	Mirror, Float Glass, With SS Frame, 24" X 36"	1	CC			
5-1-1-5	A5075	Dispenser, Soap, Disposable	1	VV			
	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	VV			
	A5109	Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 18"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 36"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible,42"	1	CC			
	A5145	Hook, Garment, Double, SS, Surface Mounted	1	CC			
	A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	1	VV			
	F2010	Waste paper basket, step on, flip top	1	VV			
	U0102	Under Lavatory Guard	1	CC	TRUEBRO Lav Guard2 102 E-Z or equal		
	P3100	Lavatory, Wrist Blades	1	CC			
	P8150	Urinal, Wall Mounted	1	CC			
	P9050	Toilet, Floor Mounted, Siphon Jet	1	CC			
MEN'S TOILET	A1066	Mirror, Float Glass, With SS Frame, 24" X 36"	2	CC			
5-1-106	A5075	Dispenser, Soap, Disposable	2	VV			
	A5080	Dispenser, Paper Towel, SS, Surface Mounted	2	VV			
	A5109	Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 18"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 36"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible,42"	1	CC			
	A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	2	VV			
	F2010	Waste paper basket, step on, flip top	1	VV			
	U0102	Under Lavatory Guard	2	CC	TRUEBRO Lav Guard2 102 E-Z or equal		
	P3100	Lavatory, Wrist Blades	2	CC			
	P9050	Toilet, Floor Mounted, Siphon Jet	2	CC			
UNISEX TOILET	A1066	Mirror, Float Glass, With SS Frame, 24" X 36"	2	CC			
5-2-105	A5075	Dispenser, Soap, Disposable	2	VV			
5-2-105D	A5080	Dispenser, Paper Towel, SS, Surface Mounted	2	VV			
	A5109	Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 18"	2	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 36"	2	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible,42"	2	CC			
	A5145	Hook, Garment, Double, SS, Surface Mounted	2	CC			
	A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	2	VV			
	F2010	Waste paper basket, step on, flip top	1	VV			
	U0102	Under Lavatory Guard	2	CC	TRUEBRO Lav Guard2 102 E-Z or equal		
	P3100	Lavatory, Wrist Blades	2	CC			
	P9050	Toilet, Floor Mounted, Siphon Jet	2	CC			
BUILDING 18							
MEN'S H.C. TOILET	A1066	Mirror, Float Glass, With SS Frame, 24" X 36"	2	CC			
18-118	A5030	Shower Seat L-shaped, Phenolic, Wall mounted, fold-up	1	CC	American Specialties, Inc., model 8206-28, 28"W x 21"D		
	A5075	Dispenser, Soap, Disposable	2	VV			
	A5080	Dispenser, Paper Towel, SS, Surface Mounted	1	VV			
	A5109	Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 18"	2	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 24"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 36"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible,42"	2	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall/Floor, W/C Accessible 42"	1	CC		Wall & Floor Mtd.	
	A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	2	VV			
	A5170	Rod, Shower Curtain, 1" diameter w/ curtain & hooks	1	CC	60" wide opening		
	CT270	Lavatory, Solid Surface, Undermount, Wrist blades	2	CC			
	CT030	Countertop, Solid Surace	1	CC			
	F2010	Waste paper basket, step on, flip top	1	VV			
	U1000	Nurse Call	1	CC			
	P	Shower faucet assembly	1	CC			
	P8150	Urinal, Wall Mounted	2	CC			
	P9050	Toilet, Floor Mounted, Siphon Jet	2	CC			
MEN'S H.C. TOILET	A1066	Mirror, Float Glass, With SS Frame, 24" X 36"	3	CC			
18-144	A5075	Dispenser, Soap, Disposable	3	VV			
	A5080	Dispenser, Paper Towel, SS, Surface Mounted	3	VV			
	A5109	Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 18"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 24"		CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 36"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible,42"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall/Floor, W/C Accessible 42"	1	CC		Wall & Floor Mtd.	
	A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	2	VV			
	CT270	Lavatory, Solid Surface, Undermount, Wrist blades	2	CC			
	CT030	Countertop, Solid Surace	1	CC			
	F2010	Waste paper basket, step on, flip top	2	VV			
	U0102	Under Lavatory Guard	1	CC	TRUEBRO Lav Guard2 102 E-Z or VA approved equal		
	P3100	Lavatory, Wrist Blades	1	CC			
	P8150	Urinal, Wall Mounted	1	CC			
	P9050	Toilet, Floor Mounted, Siphon Jet	2	CC			
	A4995	Diaper Changing Station, Surface wall mounted	1	CC	Koala KB110, 35-1/4"W X 20"H, or VA approved equal	Stainless Steel Clad	Horizontal unit
WOMEN'S H.C. TOILET	A1066	Mirror, Float Glass, With SS Frame, 24" X 36"	3	CC			
18-157	A5075	Dispenser, Soap, Disposable	3	VV			
	A5080	Dispenser, Paper Towel, SS, Surface Mounted	2	VV			
	A5109	Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 18"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 24"		CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible, 36"	1	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall, W/C Accessible,42"	2	CC			
		Grab Bar, 1-1/4" Dia., SS, Wall/Floor, W/C Accessible 42"	1	CC		Wall & Floor Mtd.	
	A5202	Dispenser, Toilet Paper w/Utility Shelf, SS, 2-Roll	3	VV			
	CT270	Lavatory, Solid Surface, Undermount, Wrist blades	2	CC			
	CT030	Countertop, Solid Surace	1	CC			
	F2010	Waste paper basket, step on, flip top	2	VV			

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100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title
INTERIORS-
ACCESSORY EQUIPMENT SCHEDULE

Approved: Project Director

VA CONTRACT NO. 36C242-18-C-0004

Project Title
100% CD FOR BID
UPGRADE BATHROOMS /
DRINKING FOUNTAINS

Location
EAST ORANGE, NJ

Date	Checked	Drawn
01/13/20	PB	II

Project Number
561-14-106

Building Number

Drawing Number
1602

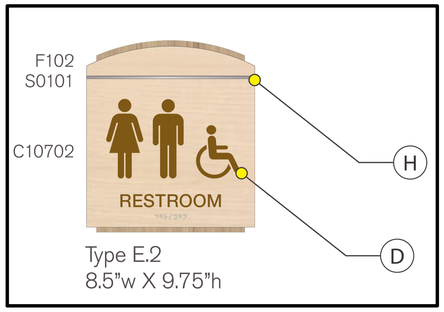
Office of Construction and Facilities Management

Department of Veterans Affairs

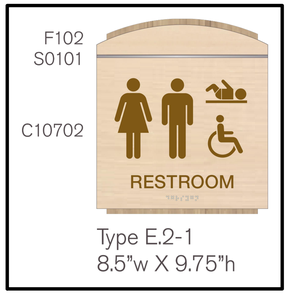
VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

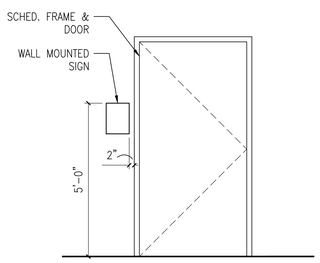
three inches = one foot 6" 0 6" 1
one and one half inches = one foot 6" 0 6" 2
one inch = one foot 6" 0 6" 2
three quarters inch = one foot 6" 0 6" 4
one half inch = one foot 8 4 0 4 8
three eighths inch = one foot 8 4 0 4 8
one quarter inch = one foot 16 8 4 0 4 8
one eighth inch = one foot 16 8 4 0 4 8
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A TYPE E.2 ADA RESTROOM IDENTIFICATION SIGN
6"=1'-0"



B TYPE 3.2-1 ADA RESTROOM IDENTIFICATION SIGN
6"=1'-0"



1 ELEVATION - WALL MOUNTED SIGNAGE HEIGHT
1/2"=1'-0"

SIGNAGE SCHEDULE - UPGRADE BATHROOMS/ DRINKING FOUNTAINS

Sign No.	Location		Sign			DETAIL	Remarks
	Room	Room Name	Type	Text	Qty.		
BUILDING 1							
1	A-213	MEN'S HC TOILET	E.2-1	(Universal Symbol) MEN	1	B	Mount on Wall (HC accessible)
2	3-183	MEN'S HC TOILET	E.2-1	(Universal Symbol) MEN	1	B	Mount on Wall (HC accessible)
3	8-134	UNISEX TOILET	E.2	(Universal Symbol) RESTROOM	1	A	Mount on Wall
4	10-183	UNISEX TOILET	E.2	(Universal Symbol) RESTROOM	1	A	Mount on Wall
5	11-169	UNISEX TOILET	E.2	(Universal Symbol) RESTROOM	1	A	Mount on Wall
6	13-208	WOMEN'S HC TOILET	E.2-1	(Universal Symbol) WOMEN	1	B	Mount on Wall (HC accessible)
BUILDING 5							
1	5-1-105	MEN'S TOILET	E.2	(Universal Symbol) MEN	1	A	Mount on Wall
2	5-1-106	WOMEN'S HC TOILET	E.2	(Universal Symbol) WOMEN	1	A	Mount on Wall (HC accessible)
3	5-2-105	UNISEX HC TOILET	E.2	(Universal Symbol) RESTROOM	1	A	Mount on Wall (HC accessible)
4	5-2-105D	UNISEX HC TOILET	E.2	(Universal Symbol) RESTROOM	1	A	Mount on Wall (HC accessible)
BUILDING 18							
1	18-118	MEN'S HC TOILET	E.2	(Universal Symbol) MEN	1	A	Mount on Wall (HC accessible)
2	18-144	MEN'S HC TOILET	E.2-1	(Universal Symbol) MEN	1	B	Mount on Wall (HC accessible)
3	18-157	WOMEN'S HC TOILET	E.2-1	(Universal Symbol) WOMEN	1	B	Mount on Wall (HC accessible)

Insert Color:
Copy Color:
Copy Style:
Copy Option:
Copy Size:
Copy Position:
End Cap Style:
End Cap Color:
Top/Bottom Trim Style:
Top/Bottom Trim Color:

NOTE: ROOM NUMBERS SHOWN FOR REFERENCE ONLY. FINAL NUMBERS WILL BE PROVIDED DURING SUBMITTAL PROCESS.

* HEIGHT AND SIZE OF DIMENSIONAL LETTERS TO MATCH BUILDING STANDARD AND CONFIRMED DURING SUBMITTAL PROCESS.

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
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Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-oe.com

700 Nicholas Blvd. Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-oe.com
Bancroft-AE Project No. 17-113

Drawing Title: INTERIORS- INTERIOR SIGNAGE SCHEDULE AND SIGNAGE DETAILS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II

Project Number: 561-14-106

Building Number:

Drawing Number: I603

VA CONTRACT NO. 36C242-18-C-0004

Office of Construction and Facilities Management

VA Department of Veterans Affairs

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VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

MECHANICAL GENERAL NOTES:

1. THIS CONTRACTOR SHALL REVIEW ENTIRE SET OF CONTRACT DOCUMENTS: INCLUDING BUT NOT NECESSARILY LIMITED TO ALL ARCHITECTURAL, ALL STRUCTURAL, ALL MECHANICAL, ALL ELECTRICAL DRAWINGS AND ENTIRE PROJECT MANUAL. THIS CONTRACTOR SHALL ACKNOWLEDGE AND INCLUDE IN THE SCOPE OF WORK (CONTRACT) ALL CONDITIONS PERTINENT TO THE COMPLETION OF HIS WORK. THIS CONTRACTOR SHALL FULLY COORDINATE HIS WORK WITH THE INSTALLATION OF WORK BY OTHER TRADES AND MAKE NECESSARY FIELD ADJUSTMENTS AS REQUIRED TO ACCOMMODATE THE INSTALLATION. ALL OF THE ABOVE SHALL BE INCLUDED IN THE SCOPE OF WORK.

2. THIS CONTRACTOR SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK AND FULLY INFORM THEMSELVES AS TO ALL CONDITIONS AND MATTERS THAT CAN, IN ANY WAY, AFFECT THE WORK OR THE COST THEREOF. SHOULD THIS CONTRACTOR FIND DISCREPANCIES IN, OR OMISSIONS FROM THE DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS, OR BE IN DOUBT AS TO THEIR MEANING, NOTIFY THE VA/CO AT ONCE, IN WRITING, OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND WORK, OR BETWEEN THEIR WORK AND THE WORK OF THEIR TRADES AND OBTAIN CLARIFICATION PRIOR TO SUBMITTING ANY BID. LACK OF SUCH NOTIFICATION SHALL BE CONSTRUED AS TO INDICATE NO DISCREPANCIES OR CONFLICTING CONDITIONS. ADDITIONAL COMPENSATION WILL NOT BE GRANTED AFTER AWARD OF CONTRACT FOR ANY WORK REQUIRED TO COMPLY WITH THESE REQUIREMENTS.

3. DRAWINGS ARE GENERALLY DIAGRAMMATIC. ROUTING OF PIPING, DUCTWORK, CONDUITS, RACEWAYS, ETC., AS SHOWN ON DRAWINGS, DOES NOT INTEND TO SHOW EVERY RISE, DROP, OFFSET, FITTING NOR EVERY STRUCTURAL ELEMENT THAT MAY BE ENCOUNTERED DURING THE INSTALLATION OF THIS WORK. EACH CONTRACTOR SHALL MAKE ANY REQUIRED REASONABLE CHANGES FROM THE GENERAL ROUTING SHOWN ON THESE DRAWINGS, SUCH AS OFFSETS, BENDS OR CHANGES IN ELEVATION DUE TO COORDINATION WITH THE WORK OF OTHER TRADES AND BUILDING CONSTRUCTION. ALL CHANGES SHALL BE MADE WITHOUT ADDITIONAL COST TO THE VA OR DELAY IN COMPLETION DATE OF THE PROJECT.

4. IT IS THE INTENT OF THESE DOCUMENTS THAT THE MECHANICAL CONTRACTOR PROVIDE ALL LABOR, MATERIAL, EQUIPMENT AND TOOLS FOR THE COMPLETE INSTALLATION OF ALL WORK SHOWN ON THE PLANS AND/OR DESCRIBED HEREIN, INCLUDING ALL DEVICES, CONTROLS AND APPURTENANCES REQUIRED TO SET SYSTEMS INTO OPERATION.

5. SHOULD CONDITIONS NECESSITATE ANY REARRANGEMENTS, OR IF PIPING CAN BE RUN TO BETTER ADVANTAGE, PREPARE AND SUBMIT SHOP DRAWINGS SHOWING THE CHANGES BEFORE PROCEEDING WITH THE WORK. IF SUCH CHANGES ARE APPROVED BY THE VA/COR, THEY SHALL BECOME A PART OF THE CONTRACT AFTER THEIR APPROVAL.

6. THIS CONTRACTOR SHALL VERIFY ALL MOUNTING, ALL ARRANGEMENTS, HEIGHTS AND LOCATIONS PRIOR TO ROUGH-IN. ANY MENTION OF A SPECIFIC MOUNTING ARRANGEMENT, WEIGHT OR LOCATION SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO VERIFY THE SPECIFIC REQUIREMENT FURNISHED OR THE OTHER TRADES WORKING IN THE SAME AREA. NO ADDITIONS TO THE CONTRACT SUM WILL BE PERMITTED FOR ITEMS INSTALLED IN WRONG LOCATIONS, IN CONFLICT WITH OTHER WORK, ETC.

7. CONTRACTOR SHALL FURNISH AND INSTALL A COMPLETE TEMPERATURE CONTROL SYSTEM AS REQUIRED TO PROPERLY OPERATE AND CONTROL THE TOTALITY OF SYSTEMS THAT COMBINE TO MAINTAIN THE PROJECTS ENVIRONMENTAL LEVELS OF COMFORT. ALL SYSTEMS AND EQUIPMENT SHALL PROPERLY INTEGRATE WITH ALL OTHER EXISTING SYSTEMS AND THE BUILDING(S) BAS CONTROLS/MONITORING SYSTEM.

8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL CURRENT FEDERAL BUILDING CODES, REGULATIONS, AND REQUIREMENTS, LOCAL UTILITY COMPANY REQUIREMENTS, AND ASHRAE STANDARDS.

9. THIS CONTRACTOR SHALL PAY ALL PERMIT FEES, PLAN REVIEW FEES, LICENSE FEES, INSPECTIONS, AND TAXES APPLICABLE TO THEIR DIVISION AND SHALL BE INCLUDED IN THE BASE BID AS PART OF THEIR BASE CONTRACT.

10. THIS CONTRACTOR SHALL BE LICENSED, BONDED, INSURED AND CAPABLE OF PERFORMING QUALITY WORKMANSHIP. THIS CONTRACTOR GUARANTEES ALL OF HIS WORK AND MATERIALS FOR THE PERIOD AS REQUIRED IN THE SPECIFICATIONS. FROM FINAL ACCEPTANCE BY THE VA/COR.

11. CONTRACTOR SHALL CHECK DRAWINGS OF OTHER TRADES TO VERIFY THAT SPACES IN WHICH THEIR WORK WILL BE INSTALLED ARE CLEAR OF OBSTRUCTIONS. WORK SHALL BE INSTALLED TO MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS IN THE BUILDING. WHERE HEADROOM OR SPACE CONDITIONS APPEAR INADEQUATE, CONTRACTOR SHALL NOTIFY VA/COR BEFORE PROCEEDING WITH THE INSTALLATION OF THEIR WORK.

12. THE SEQUENCE FOR THE INSTALLATION OF ALL WORK SHALL BE COORDINATED BETWEEN ALL CONTRACTORS ON THE PROJECT AND IN STRICT ACCORDANCE WITH ANY VA STIPULATIONS AND/OR AS DIRECTIONS.

13. CONTRACTOR SHALL BE RESPONSIBLE AND PAY FOR ALL CORING, CUTTING, PATCHING, REPAIRING, REFINISHING AND REMOVAL/REPLACEMENT OF NEW OR EXISTING BUILDING CONSTRUCTION REQUIRED TO ACCOMMODATE THE INSTALLATION OR REMOVAL OF THEIR WORK. CONTRACTOR SHALL XRAY ALL CONCRETE SLABS OR MASONRY WALL CONSTRUCTION PRIOR TO CORING. ALL PATCHING, REPAIRING AND REFINISHING WORK SHALL BE PERFORMED BY THOSE REGULARLY INVOLVED IN THAT TRADE AND SHALL MATCH THE ADJACENT CONSTRUCTION AS CLOSELY AS POSSIBLE. CARE SHALL BE TAKEN SO AS NOT TO DAMAGE ANY EXISTING BUILDING CONSTRUCTION OR ITEMS THAT ARE TO REMAIN. ANY EXISTING FINISHES THAT ARE DAMAGED DURING THE INSTALLATION OF NEW WORK OR REMOVAL OF EXISTING WORK SHALL BE REPAIRED, REPLACED AND PAID FOR BY THE INSTALLING CONTRACTOR, TO THE SATISFACTION OF THE VA/COR. REFER TO DESIGN DRAWINGS FOR EXISTING BUILDING CONSTRUCTION THAT IS TO REMAIN AND, THEREFORE, SUBJECT TO PATCHING, REPAIRING, REFINISHING, AND REMOVAL/REPLACEMENT. (NOTE: CONTRACTOR SHALL VERIFY EXISTING BUILDING'S ROOF WARRANTY AND EMPLOY OTHER SUBCONTRACTOR(S) AS REQUIRED BY ROOF MANUFACTURER'S REPRESENTATIVE SO AS NOT TO VOID VA'S ROOF WARRANTY.)

14. WHERE THERE IS EVIDENCE THAT WORK OF ONE TRADE WILL INTERFERE WITH WORK OF OTHER TRADES, ALL TRADES SHALL MEET ON JOB SITE TO WORK OUT SPACE CONDITIONS AND MAKE SATISFACTORY ADJUSTMENTS TO INSTALLATION OF THE NEW WORK. CONTRACTORS SHALL VERIFY EXACT LOCATIONS OF ALL DEVICES AND EQUIPMENT WITH FIELD CONDITIONS, SHOP DRAWINGS, AND WORK OF OTHER TRADES PRIOR TO ROUGH-IN. EACH CONTRACTOR SHALL BE RESPONSIBLE, AT THEIR OWN EXPENSE, FOR THE REMOVAL AND REINSTALLATION OF ANY PART OF THEIR WORK IF SAME WAS INSTALLED WITHOUT CONSULTING WITH OTHER TRADES BEFORE INSTALLING THEIR WORK.

15. CONTRACTOR SHALL STORE ALL MATERIALS AND EQUIPMENT SHIPPED TO THE SITE IN A PROTECTED AREA. IF MATERIAL IS STORED OUTSIDE OF THE BUILDING, IT MUST BE STORED OFF THE GROUND A MINIMUM OF SIX INCHES (6") SET ON 6 X 6 PLANKS AND/OR WOOD PALLETS. ALL MATERIAL AND EQUIPMENT MUST BE COMPLETELY COVERED WITH WATERPROOF TARPS OR VISQUIN. ALL PIPING AND DUCTWORK WILL HAVE THE ENDS CLOSED TO KEEP OUT DIRT AND OTHER DEBRIS. NO EQUIPMENT WILL BE ALLOWED TO BE STORED OUTSIDE THE BUILDING ON THE SITE UNLESS IT IS SUPPORTED OFF THE GROUND AND COMPLETELY PROTECTED WITH WEATHERPROOF COVERS.

16. THIS CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AS REQUIRED IN THE SPECIFICATIONS PRIOR TO THE START OF INSTALLATION FOR VA/COR APPROVAL AND THE SUCCESSFUL REVIEW BY THE ARCHITECT.

17. THIS CONTRACTOR SHALL FURNISH AS-BUILT DRAWINGS TO THE VA/COR BEFORE FINAL PAYMENT WILL BE ISSUED. THE AS-BUILT DRAWINGS SHALL BE SUBMITTED IN REPRODUCIBLE ELECTRONIC FORMAT.

18. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE STARTUP OF ALL EQUIPMENT.

19. THIS CONTRACTOR SHALL PROVIDE A COMPETENT OPERATING TECHNICIAN TO INSTRUCT THE VA IN THE OPERATION AND MAINTENANCE OF THE EQUIPMENT.

20. UPON COMPLETION OF THE WORK, THIS CONTRACTOR SHALL REVIEW AND CHECK THE ENTIRE PORTION OF WORK, CLEAN EQUIPMENT AND DEVICES. REMOVE SURPLUS MATERIALS AND RUBBISH FROM THE PROPERTY AND LEAVE THE WORK IN NEAT AND CLEAN ORDER AND IN COMPLETE WORKING CONDITION. EACH RESPECTIVE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ANY CARTONS, DEBRIS, EQUIPMENT, ETC., INSTALLED BY THIS CONTRACTOR INCLUDING EQUIPMENT FURNISHED BY OTHERS AND UNPACKED OR REMOVED FROM CARTONS BY THIS CONTRACTOR.

21. ALL ITEMS THAT REQUIRE ACCESS, SUCH AS FOR OPERATING, CLEANING, SERVICING, MAINTENANCE, AND CALIBRATION, SHALL BE EASILY AND SAFELY ACCESSIBLE BY PERSONS STANDING AT FLOOR LEVEL, OR STANDING ON PERMANENT PLATFORMS, WITHOUT THE USE OF PORTABLE LADDERS. EXAMPLES OF THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO: ALL TYPES OF VALVES, FILTERS AND STRAINERS, TRANSMITTERS, CONTROL DEVICES. PRIOR TO COMMENCING INSTALLATION WORK, REFER CONFLICTS BETWEEN THIS REQUIREMENT AND CONTRACT DRAWINGS TO THE VA/COR FOR RESOLUTION. FAILURE OF THE CONTRACTOR TO RESOLVE, OR POINT OUT ANY ISSUES WILL RESULT IN THE CONTRACTOR CORRECTING AT NO ADDITIONAL COST TO THE VA.

22. UNLESS INDICATED OTHERWISE, THE ARCHITECT/ENGINEER MAKES NO REPRESENTATION AS TO WHETHER OR NOT ANY HAZARDOUS OR CONTAMINATED MATERIALS (INCLUDING BUT NOT LIMITED TO ASBESTOS, PCB'S, LEAD, CONTAMINATED SOILS, ETC.) ARE PRESENT WITHIN THE EXISTING BUILDING OR ON THE SITE. WORK SHOWN ON THE DRAWINGS AND/OR INDICATED IN THE SPECIFICATIONS SHALL NOT BE CONSTRUED TO CALL FOR CONTACT WITH ANY OF THESE MATERIALS. IF THESE MATERIALS ARE ENCOUNTERED OR SUSPECTED, THE CONTRACTOR SHALL NOT DISTURB THEM AND SHALL CONTACT THE VA/COR IMMEDIATELY.

23. IT IS MANDATORY THAT THE COMPLETE EXISTING BUILDING REMAIN IN CONTINUOUS AND NON-INTERRUPTED OPERATION DURING REMODELING/ALTERING OF SAID EXISTING BUILDING. THE SPECIFIC AREA(S) BEING REMODELED/ALTERED AT ANY SCHEDULED TIME ARE OBVIOUSLY EXCLUSIVE OF THIS STATEMENT. SERVICES TO EXISTING BUILDING SHALL BE KEPT IN CONTINUOUS OPERATION INCLUDING POWER, SIGNAL SYSTEMS, LIGHTING, TELEPHONE, HEATING, COOLING, VENTILATING, TEMPERATURE CONTROL, SEWERS AND HOT AND COLD WATER. ANY ABSOLUTELY NECESSARY INTERRUPTION OF THESE SERVICES TO ACCOMPLISH CONTRACT WORK SHALL BE ARRANGED WITH THE VA/COR A MINIMUM OF TEN (10) WORKING DAYS IN ADVANCE. SUCH INTERRUPTIONS SHALL BE KEPT TO AN ABSOLUTE MINIMUM AS FAR AS TIME INTERVAL IS INVOLVED AND TEMPORARY SERVICES SHALL BE FURNISHED AND INSTALLED UNDER THIS CONTRACT WHERE NECESSARY TO ACCOMPLISH THIS PURPOSE. ALL TEMPORARIES SHALL BE REMOVED BY THE CONTRACTOR ONLY AFTER NEW PERMANENT SERVICES ARE INSTALLED AND FULLY OPERATIONAL.

24. ALL EQUIPMENT DEVICES SHALL BE INSTALLED WITH UNIONS IN SUCH A MANNER TO FACILITATE EASY REMOVAL AND MAINTENANCE OF EQUIPMENT WITHOUT DISRUPTING SERVICE AND CAUSING MAJOR PIPING REVISIONS.

25. ALL CONNECTIONS BETWEEN DISSIMILAR METALS SHALL BE MADE WITH DIELECTRIC UNIONS OR COUPLINGS.

26. IN CASE OF CONFLICTS OR DISCREPANCIES WITHIN OR AMONG THE CONTRACT DRAWINGS, THE BETTER QUALITY, MORE STRINGENT REQUIREMENTS, OR GREATER QUANTITY OF WORK, AS DETERMINED BY THE VA, SHALL BE PROVIDED.

27. ANY MANUFACTURER TAKING EXCEPTIONS TO THE VA REQUIREMENTS WILL NOT BE CONSIDERED.

MECHANICAL EQUIPMENT NOTES:

1. ALL EQUIPMENT/DEVICES SHALL BE AND OF FIRST RATE QUALITY (UNLESS OTHERWISE SPECIFIED) AND IS TO BEAR THE APPROPRIATE AGA, CSA OR UL APPROVED LABELS, LISTINGS, AND CERTIFICATIONS FOR THE SPECIFIC DESIGN PURPOSE.

2. SUBMIT THE REQUIRED NUMBER OF COPIES OF EACH CATALOG CUT, FOR THE EQUIPMENT SPECIFIED, TO THE VA/COR FOR APPROVAL AND TO THE ARCHITECT FOR APPROVAL HIS/HER SUCCESSFUL REVIEW PRIOR TO THE BEGINNING OF CONSTRUCTION. THIS CONTRACTOR SHALL ALSO ASSEMBLE PRINTED INSTRUCTIONS FOR THE OPERATION AND MAINTENANCE OF EACH ITEM INSTALLED AND BIND TOGETHER WITH EQUIPMENT CUTS AND CONTROL WIRING DIAGRAMS. SUBMIT THE REQUIRED NUMBER OF COPIES TO THE ARCHITECT FOR HIS/HER SUCCESSFUL REVIEW.

3. THE DRAWINGS, SCHEDULES AND SPECIFICATIONS HAVE BEEN PREPARED USING ONE MANUFACTURER FOR EACH PIECE OF EQUIPMENT AS THE BASIS FOR DIMENSIONAL DESIGN. IF THE CONTRACTOR PURCHASES EQUIPMENT FROM A SPECIFIED ACCEPTABLE MANUFACTURER, BUT NOT THE SCHEDULED MANUFACTURER USED FOR THE BASE DESIGN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL THE DIMENSIONS OF THE EQUIPMENT TO VERIFY THAT IT WILL FIT IN THE SPACE SHOWN ON THE DRAWINGS. MINOR DEVIATIONS IN DIMENSIONS WILL BE PERMITTED, PROVIDED THE RATINGS MEET THOSE SHOWN ON THE DRAWINGS AND EQUIPMENT WILL PHYSICALLY FIT INTO THE SPACE ALLOCATED WITH SUITABLE ACCESS AROUND EQUIPMENT FOR OPERATION AND MAINTENANCE OF THE EQUIPMENT. WHEN EQUIPMENT SUBMITTED FOR REVIEW DOES NOT MEET THE PHYSICAL SIZE OR ARRANGEMENT OF THAT SCHEDULED AND SPECIFIED, CONTRACTOR SHALL PAY FOR ALL ALTERATIONS REQUIRED TO ACCOMMODATE SUCH EQUIPMENT AT NO ADDITIONAL COST TO THE VA. CONTRACTOR WILL ALSO PAY ALL COSTS FOR ADDITIONAL WORK REQUIRED BY OTHER CONTRACTORS, VA, ARCHITECT OR ENGINEER TO MAKE CHANGES WHICH WOULD ALLOW THE EQUIPMENT TO FIT IN THE SPACE AND FUNCTION AS INTENDED.

4. CONTRACTOR AND/OR MANUFACTURER SHALL VERIFY THAT THE CHARACTERISTICS OF THE EQUIPMENT HE SUBMITS FOR REVIEW MEET THE CAPACITY AND DUTY SPECIFIED. WHEN EQUIPMENT SUBMITTED FOR REVIEW REQUIRES MODIFICATIONS TO THE WORK OF OTHER CONTRACTORS, SUBMITTING CONTRACTOR SHALL PAY FOR ALL COSTS FOR ADDITIONAL WORK REQUIRED BY OTHER CONTRACTORS, VA, ARCHITECT OR ENGINEER TO MAKE CHANGES WHICH WOULD ALLOW THE EQUIPMENT FUNCTION SAFELY AND PROPERLY.

HVAC SYMBOLS AND ABBREVIATIONS

AD	ACCESS DOOR
A.F.F.	ABOVE FINISHED FLOOR
BAS	BUILDING AUTOMATION SYSTEM
BHP	BRAKE HORSEPOWER
BOP	BOTTOM OF PIPE
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
CC	COOLING COIL
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
D	DRAIN LINE
DB	DRY BULB
DN.	DOWN
(E)	EXISTING
EAT	ENTERING AIR TEMPERATURE
EF	EXHAUST FAN
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
F	FAHRENHEIT
FPF	FINS PER FOOT
FPM	FEET PER MINUTE
FV	FACE VELOCITY
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HWC	HOT WATER COIL
HTS	HIGH TEMPERATURE HOT WATER SUPPLY
HTR	HIGH TEMPERATURE HOT WATER RETURN
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
LAT	LEAVING AIR TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MCA	MINIMUM CIRCUIT AMPS
MOCP	MAXIMUM OVERCURRENT PROTECTION
MTHWS	MEDIUM TEMPERATURE HOT WATER SUPPLY
MTHWR	MEDIUM TEMPERATURE HOT WATER RETURN
NK	NECK
NTS	NOT TO SCALE
PCR	PUMPED CONDENSATE RETURN
PD	PRESSURE DROP
PH	PHASE
PHC	PREHEAT COIL
PSI	POUNDS PER SQUARE INCH
RPM	REVOLUTIONS PER MINUTE
RPR	RADIANT PANEL (CHILLED WATER/HOT WATER) RETURN
RPS	RADIANT PANEL (CHILLED WATER/HOT WATER) SUPPLY
SF	SUPPLY FAN
SP	STATIC PRESSURE
TC	TEMPERATURE CONTROL
TSP	TOTAL STATIC PRESSURE
TYP.	TYPICAL
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
WB	WET BULB
W.C.	WATER COLUMN
WG	WATER GAUGE

BUTTERFLY VALVE
GLOBE VALVE
GATE VALVE
CHECK VALVE
BALL VALVE (2" & SMALLER)
BUTTERFLY VALVE (2 1/2" & LARGER)
3 WAY CONTROL VALVE
2 WAY CONTROL VALVE
CIRCUIT BALANCING VALVE W/BALANCING PORTS (8" AND UNDER)
CIRCUIT FLOW INDICATOR W/BALANCING PORTS AND MEMORY STOP
BUTTERFLY VALVE FOR BALANCING (10" AND ABOVE)
SOLENOID VALVE
PRESSURE REDUCING VALVE
PLUG VALVE (GAS COCK)
PRESSURE RELIEF VALVE (PIPE TO FLOOR DRAIN)
DRAIN VALVE WITH HOSE THREADED OUTLET
AUTOMATIC BALL OR BUTTERFLY VALVE
PIPE UNION (OR FLANGES IF 2 1/2" OR LARGER PIPE)
CONCENTRIC PIPE REDUCER OR INCREASER
STEAM TRAP ASSEMBLY
PRESSURE SWITCH (WITH THREAD OR WELD-O-LET)
PRESSURE GAUGE AND NEEDLE VALVE
FLOW SWITCH (WITH THREAD OR WELD-O-LET)
THERMOMETER (WITH PIPE WELL)
THERMOMETER WELL
TEMPERATURE WELL WITH DDC SENSOR
PRESSURE WELL WITH DDC SENSOR
PRESSURE/TEMPERATURE PLUG WITH CAP
STRAINER
STRAINER WITH BLOWDOWN VALVE
REFRIGERANT EXPANSION VALVE
DIRECTION OF FLOW
PITCH OF PIPE (DOWN)
PIPE ELBOW (TURNED UP)
PIPE ELBOW (TURNED DOWN)
PIPE TEE DOWN (DROP)
PIPE TEE UP
PIPE TEE UP OR ANGLE
PIPE TEE DOWN OR ANGLE
NEW CONNECTION
LOW TEMPERATURE (HEATING) HOT WATER SUPPLY (UP TO 120°F)
LOW TEMPERATURE (HEATING) HOT WATER RETURN (UP TO 120°F)
HIGH TEMPERATURE (HEATING) HOT WATER SUPPLY
HIGH TEMPERATURE (HEATING) HOT WATER RETURN
HIGH PRESSURE STEAM SUPPLY
HIGH PRESSURE CONDENSATE RETURN
MEDIUM TEMPERATURE (HEATING) HOT WATER SUPPLY (140-220°F)
MEDIUM TEMPERATURE (HEATING) HOT WATER RETURN (140-220°F)
LOW PRESSURE STEAM (UP TO 15 PSIG)
LOW PRESSURE CONDENSATE (UP TO 15 PSIG)
MAKE-UP WATER
PUMPED CONDENSATE RETURN
VACUUM CONDENSATE
DRAIN LINE
CHILLED WATER SUPPLY
CHILLED WATER RETURN
CONDENSER WATER SUPPLY
CONDENSER WATER RETURN
RADIANT PANEL (CHILLED WATER/HOT WATER) RETURN
RADIANT PANEL (CHILLED WATER/HOT WATER) SUPPLY

FLEXIBLE DUCT CONNECTION
MANUAL SINGLE BLADE OR OPPOSED BLADE DAMPER
MOTOR OPERATED DAMPER
VERTICAL FIRE DAMPER WITH ACCESS DOOR
AIR FLOW
DUCT SIZE FREE AREA (1ST FIGURE, SIDE OF DUCT SHOWN)
CROSS-SECTION OF SUPPLY
CROSS-SECTION OF RETURN/EXHAUST DUCT
CROSS-SECTION OF OUTSIDE AIR DUCT
INCLINED RISE (R) OR DROP (D)
90° ELBOW WITH TURNING VANES
90° BRANCH TAKE-OFF W/45 DEGREE ENTRY
ROUND FLEXIBLE DUCT
SQUARE OR RECTANGLE DUCT TRANSITION
SQUARE OR RECTANGLE TO ROUND DUCT TRANSITION
DUCT UP TO ROOF MOUNTED EXHAUST FAN OR VENTILATOR
EQUIPMENT TAG
WALL THERMOSTAT OR TEMPERATURE SENSOR
WALL THERMOSTAT OR TEMPERATURE SENSOR WITH GUARD
WALL HUMIDISTAT
ROUND
PIPING, DUCTWORK, OR EQUIPMENT TO BE REMOVED
DIFFUSER/GRILLE IDENTIFICATION
DIFFUSER/GRILLE SIZE
START OF DEMOLITION AT THIS POINT OF LOCATION
CONNECT TO EXISTING

THESE LISTS OF SYMBOLS AND ABBREVIATIONS ARE GENERAL, NOT ALL SYMBOLS AND ABBREVIATIONS MAY BE APPLICABLE TO THIS PROJECT.

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions-	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

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Bancroft-AE Project No. 17-113

Drawing Title: MECHANICAL - SYMBOLS, NOTES AND ABBREVIATIONS

Approved Project Director:

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: ST | Drawn: SR

Project Number: 561-14-106

Building Number: 1

Drawing Number: M001

Office of Construction and Facilities Management

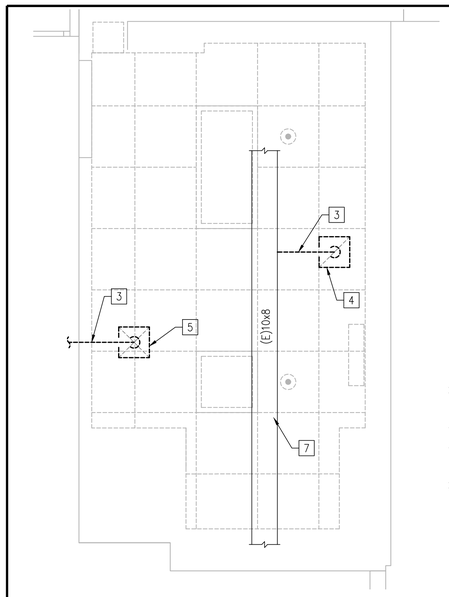
VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

K:\CCG_PROJECTS\2017\17-113_36C242\18C0004_Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-M001_GenNotes.dwg 1-12-20 08:19:12 PM JJohnson

VA FORM 08-6231

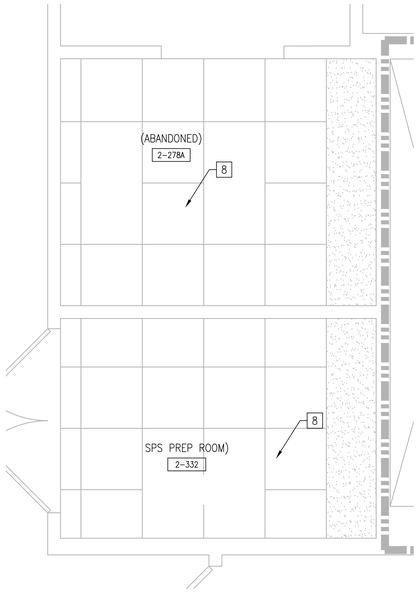
100% CONSTRUCTION DOCUMENTS FOR BID



N 1

BUILDING 1 - FLOOR 'A' MEN'S TOILET ROOM A-213 DEMOLITION MECHANICAL PLAN

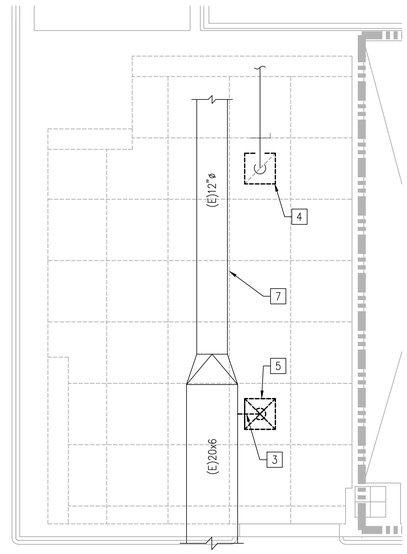
1/2"=1'-0"



N 2

BUILDING 1 - FLOOR 'A' MEN'S TOILET ROOM A-213 DEMOLITION MECHANICAL PLAN

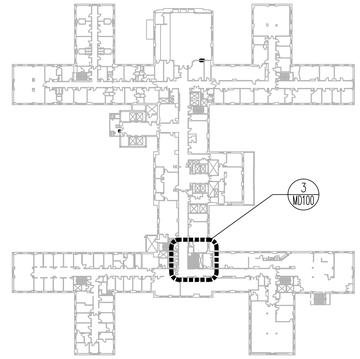
1/2"=1'-0"



N 3

BUILDING 1 - 3rd FLOOR MEN'S TOILET ROOM 3-183 DEMOLITION MECHANICAL PLAN

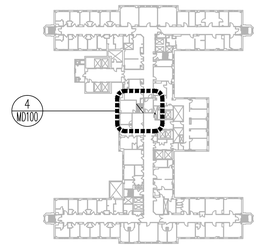
1/2"=1'-0"



N

BUILDING 1- 3RD FLOOR KEY PLAN

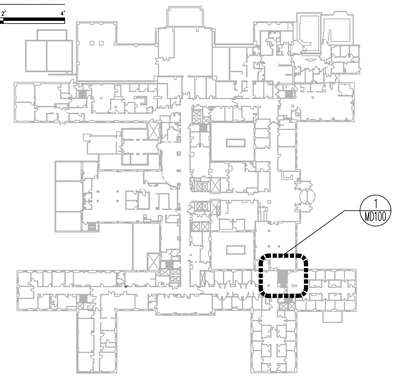
NTS



N

BUILDING 1 -8th FLOOR KEY PLAN

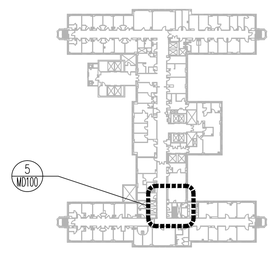
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BUILDING 1- FLOOR 'A' KEY PLAN

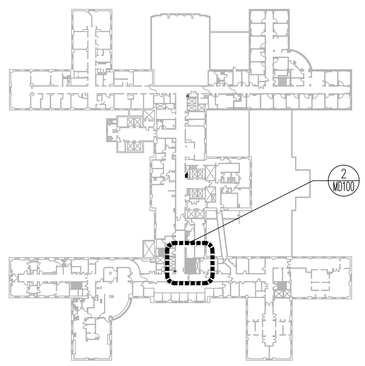
NTS



N

BUILDING 1 -10th FLOOR KEY PLAN

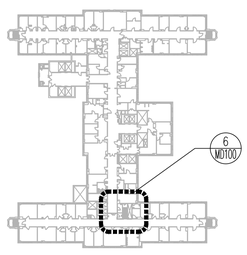
NTS



N

BUILDING 1- 2ND FLOOR KEY PLAN

NTS



N

BUILDING 1- 11th FLOOR KEY PLAN

NTS

FIRE BARRIER LEGEND

- 1 HR. FIRE AND SMOKE BARRIER
- 2 HR. FIRE AND SMOKE BARRIER
- SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

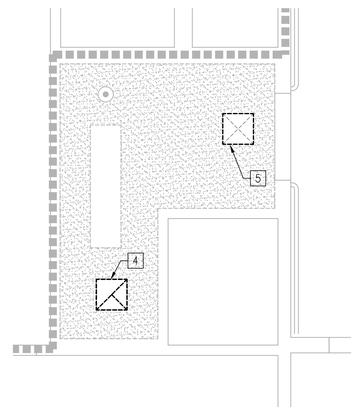
GENERAL MECHANICAL DEMOLITION NOTES

A. CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING DUCTWORK NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
B. REMOVE, RELOCATE AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
C. MECHANICAL ITEMS REMOVED AND NOT RELOCATED REMAIN THE PROPERTY OF THE VA. CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ITEMS THE VA DOES NOT WANT TO STORE FOR FUTURE USE.
D. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO FINISHES OR COMPONENTS NOT SCHEDULED FOR DEMOLITION. DAMAGED ITEMS SHALL BE REPLACED OR REPAIRED TO MEET OR EXCEED FORMER CONDITIONS.
E. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF CEILINGS, CEILING TILES AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY ALL CONTRACTORS.
F. PROJECT AREA MAY CONTAIN CONCEALED AREAS OF ACM PIPING INSULATION. DEMOLITION CONTRACTOR SHALL TAKE CARE DURING WORK NOT TO DISTURB ASBESTOS PIPE INSULATION. ALL INSULATION THAT IS NOT CORK, FOAM OR FIBERGLASS SHOULD BE ASSUMED TO BE ASBESTOS CONTAINING. WHERE ASBESTOS CONTAINING MATERIAL IS FOUND, REFER TO HAZARDOUS MATERIAL DRAWINGS AND ABATEMENT SPECIFICATIONS FOR PROPER REMOVAL.
G. ABANDONED PIPING SHALL BE REMOVED.
H. REMOVE UNUSED SECTIONS OF SUPPLY AND RETURN AIR DUCTWORK BACK TO MAINS. PATCH OPENING WITH SHEET METAL AND SEAL AIRTIGHT. PATCH EXISTING INSULATION TO MATCH EXISTING. WHERE EXISTING DUCTWORK IS TO BE CAPPED AND REUSED, LOCATE THE END CAP WITHIN 6" OF THE LAST BRANCH. END CAPS SHALL BE 3" PRESSURE CLASS AND SEAL CLASS "A".

[X] MECHANICAL DEMOLITION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

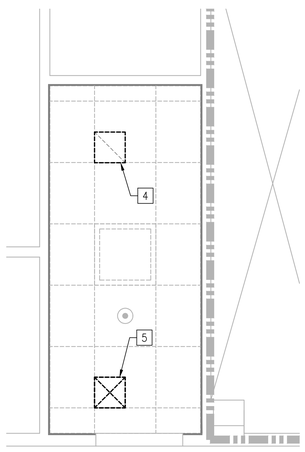
1. EXISTING FINNED TUBE HEATER TO REMAIN.
1A. EXISTING FINNED TUBE HEATER TO REMAIN. REMOVE COVER AND REPLACE IN KIND.
1B. REMOVE EXISTING ELECTRIC BASEBOARD HEATER.
2. REMOVE EXISTING RECESSED CONVECTOR. REMOVE HEATING HOT WATER SUPPLY AND RETURN PIPING BACK TO MAIN AND CAP.
3. REMOVE ALL DUCTWORK, DIFFUSERS, REGISTERS, HANGERS, INSULATION, ETC. SHOWN DASHED BACK TO MAIN AND PATCH.
4. REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED FLEXIBLE DUCT.
5. REMOVE EXISTING SUPPLY DIFFUSER AND ASSOCIATED FLEXIBLE DUCT.
6. REMOVE EXISTING WINDOW MOUNTED EXHAUST FAN IN ITS ENTIRETY.
7. EXISTING DUCT TO REMAIN.
8. IF CEILING TILE AND GRID ARE REQUIRED TO BE REMOVED FOR WORK THAN REMOVE EXISTING SUPPLY AND EXHAUST GRILLES AND STORE FOR REINSTALLATION UPON COMPLETION OF PROJECT. REINSTALL ALL DEVICES IN THE SAME LOCATION.



N 4

BUILDING 1 - 8th FLOOR UNISEX TOILET ROOM 8-134 DEMOLITION MECHANICAL PLAN

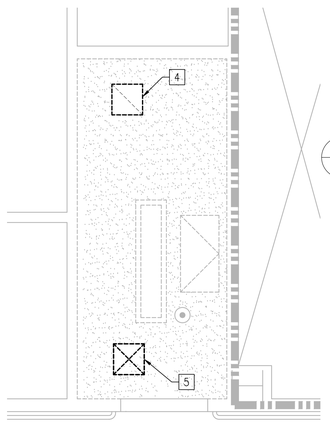
1/2"=1'-0"



N 5

BUILDING 1 - 10th FLOOR UNISEX TOILET ROOM 10-183 DEMOLITION MECHANICAL PLAN

1/2"=1'-0"



N 6

BUILDING 1 - 11th FLOOR MEN'S TOILET ROOM 11-169 DEMOLITION MECHANICAL PLAN

1/2"=1'-0"

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
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700 Nicholas Blvd, Suite 300
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Bancroft-AE Project No. 17-113

Drawing Title: MECHANICAL- BUILDING 1 - FLOORS 'A', 3, 8, 10, 11 MECHANICAL DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: DGG | Drawn: DGG

Project Number: 561-14-106

Building Number: 1

Drawing Number: MD100

Office of Construction and Facilities Management

VA Department of Veterans Affairs

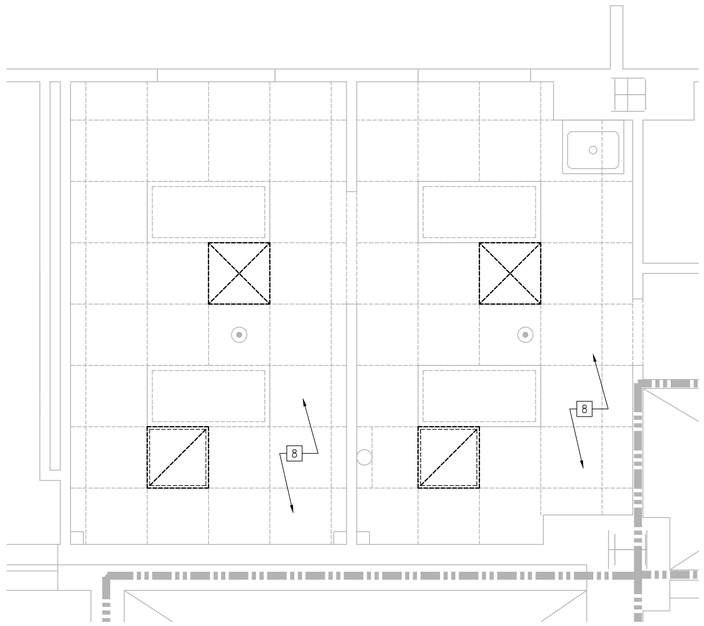
VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID

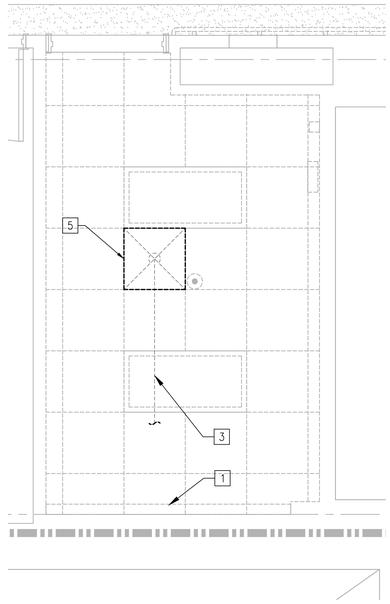
VA FORM 08-6231

K:\CCC-PROJECTS\2017\17-113_36C242180C0004 Upgrade Bathrooms and Drinking Fountains\402- Design Documents\402- Drawings\WORKING\561414106-MD100_BLDG 1 MECH DEMO.dwg 1-12-20 08:37:26 PM Johnson

one eighth inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one inch = one foot
one and one half inches = one foot
three inches = one foot



BUILDING 1 - 12th FLOOR
OFFICES 12-207/12-208
DEMOLITION MECHANICAL PLAN
1/2"=1'-0"



BUILDING 1 - 13th FLOOR
STORAGE ROOM 13-208
DEMOLITION MECHANICAL PLAN
1/2"=1'-0"

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

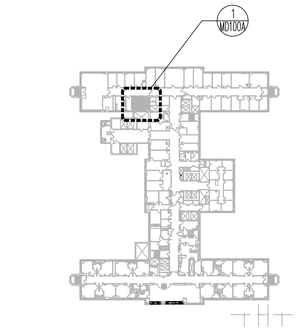
GENERAL MECHANICAL DEMOLITION NOTES

A. CONTRACTOR IS RESPONSIBLE FOR ALL MODIFICATIONS TO THE EXISTING DUCTWORK NECESSARY TO PERMIT THE INSTALLATION OF NEW WORK.
B. REMOVE, RELOCATE AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
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G. ABANDONED PIPING SHALL BE REMOVED.
H. REMOVE UNUSED SECTIONS OF SUPPLY AND RETURN AIR DUCTWORK BACK TO MAINS. PATCH OPENING WITH SHEET METAL AND SEAL AIRTIGHT. PATCH EXISTING INSULATION TO MATCH EXISTING. WHERE EXISTING DUCTWORK IS TO BE CAPPED AND REUSED, LOCATE THE END CAP WITHIN 6" OF THE LAST BRANCH. END CAPS SHALL BE 3" PRESSURE CLASS AND SEAL CLASS "A".

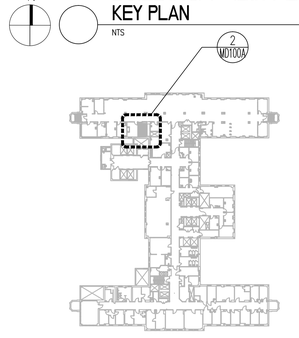
[X] MECHANICAL DEMOLITION KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. EXISTING FINNED TUBE HEATER TO REMAIN.
1A. EXISTING FINNED TUBE HEATER TO REMAIN. REMOVE COVER AND REPLACE IN KIND.
1B. REMOVE EXISTING ELECTRIC BASEBOARD HEATER.
2. REMOVE EXISTING RECESSED CONVECTOR. REMOVE HEATING HOT WATER SUPPLY AND RETURN PIPING BACK TO MAIN AND CAP.
3. REMOVE ALL DUCTWORK, DIFFUSERS, REGISTERS, HANGERS, INSULATION, ETC. SHOWN DASHED BACK TO MAIN AND PATCH.
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6. REMOVE EXISTING WINDOW MOUNTED EXHAUST FAN IN ITS ENTIRETY.
7. EXISTING DUCT TO REMAIN.
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BUILDING 1- 12th FLOOR
KEY PLAN
NTS



BUILDING 1- 13th FLOOR
KEY PLAN
NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
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Revisions:	Date

KEY PLANS

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Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: MECHANICAL- BUILDING 1 - FLOORS 12, 13 MECHANICAL DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: DGG | Drawn: DGG

Project Number: 561-14-106

Building Number: 1

Drawing Number: MD100A

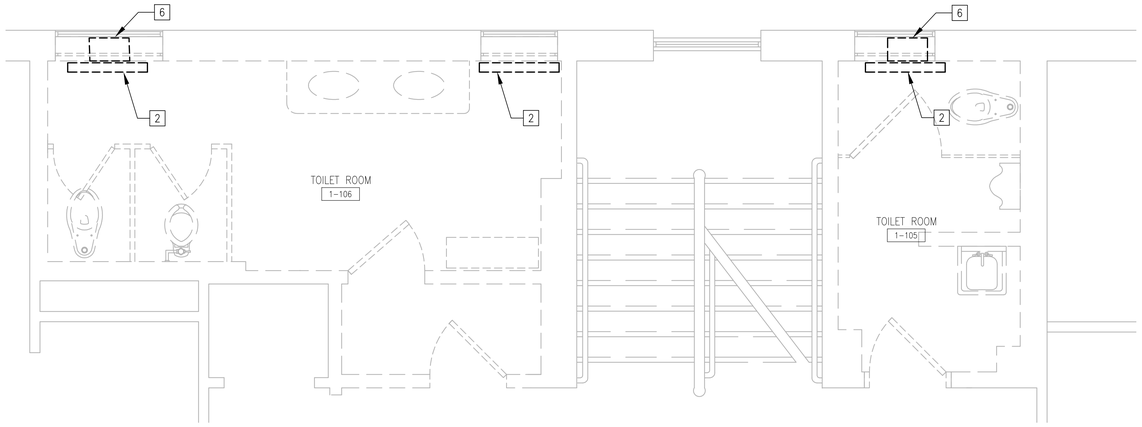
Office of Construction and Facilities Management

VA Department of Veterans Affairs

K:\CCC_PROJECTS\2017\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\402- Design Documents\402- Drawings\WORKING\561141106-MD100_BLDG 1 MECH DEMO.dwg 1-12-20 08:38:39 PM Johnson

one eighth inch = one foot | one quarter inch = one foot | three eighths inch = one foot | one half inch = one foot | one inch = one foot | one and one half inches = one foot | three inches = one foot | three quarters inch = one foot

VA FORM 08-6231



N 1

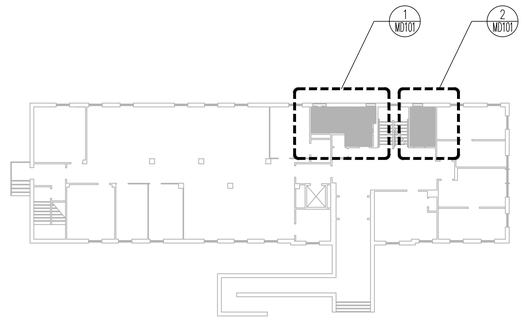
BUILDING 5 - 1st FLOOR
WOMEN'S TOILET ROOM 5-1-106
DEMOLITION MECHANICAL PLAN

1/2"=1'-0"

N 2

BUILDING 5 - 1st FLOOR
MEN'S TOILET ROOM 5-1-105
DEMOLITION MECHANICAL PLAN

1/2"=1'-0"



N

BUILDING 5 - 1ST FLOOR
KEY PLAN

NTS

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

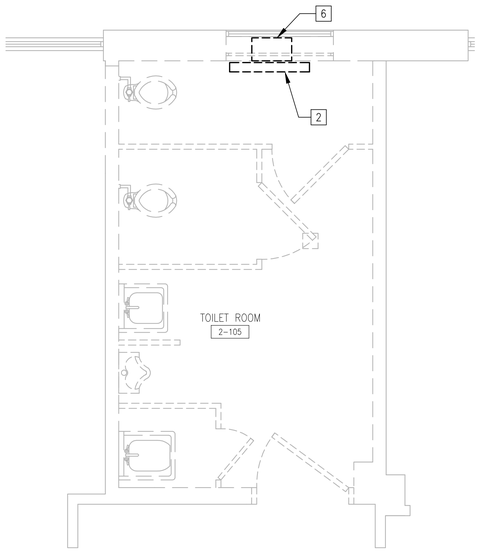
GENERAL MECHANICAL DEMOLITION NOTES

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[X] MECHANICAL DEMOLITION KEY NOTES

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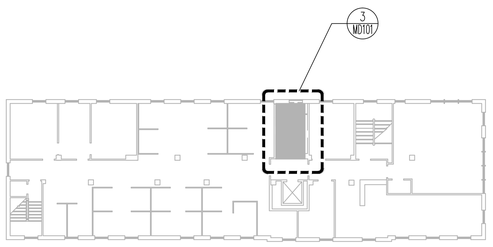
1. EXISTING FINNED TUBE HEATER TO REMAIN.
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1B. REMOVE EXISTING ELECTRIC BASEBOARD HEATER.
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8. IF CEILING TILE AND GRID ARE REQUIRED TO BE REMOVED FOR WORK THAN REMOVE EXISTING SUPPLY AND EXHAUST GRILLES AND STORE FOR REINSTALLATION UPON COMPLETION OF PROJECT. REINSTALL ALL DEVICES IN THE SAME LOCATION.



N 3

BUILDING 5 - 2nd FLOOR
UNISEX TOILET ROOM 5-2-105
DEMOLITION MECHANICAL PLAN

1/2"=1'-0"



N

BUILDING 5 - 2nd FLOOR
KEY PLAN

NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
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700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: MECHANICAL - BUILDING 5 - FLOORS 1, 2 MECHANICAL DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: DGG | Drawn: DGG

Project Number: 561-14-106

Building Number: 5

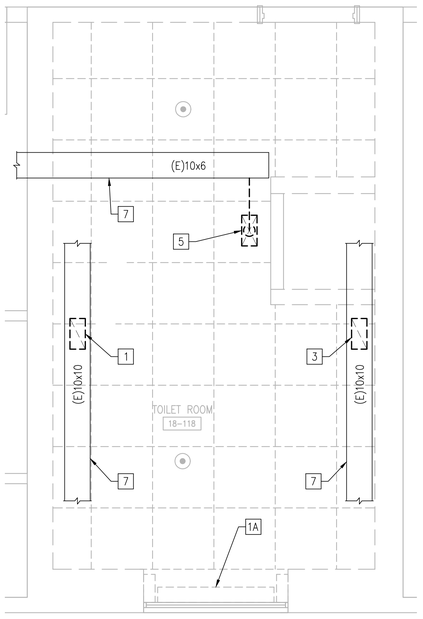
Drawing Number: MD101

Office of Construction and Facilities Management

VA Department of Veterans Affairs

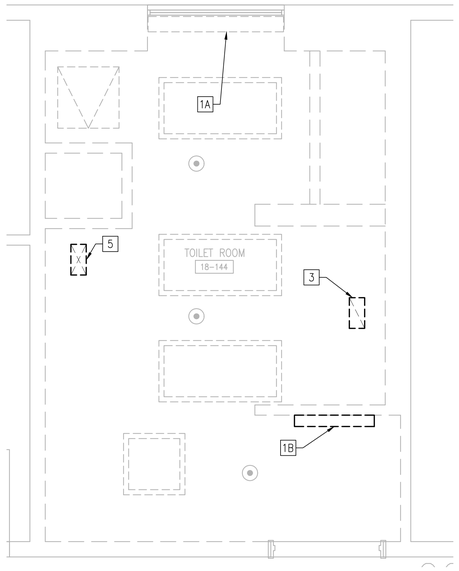
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one eighth inch = one foot | three eighths inch = one foot | one quarter inch = one foot | one half inch = one foot | three quarters inch = one foot | one inch = one foot | one and one half inches = one foot | three inches = one foot



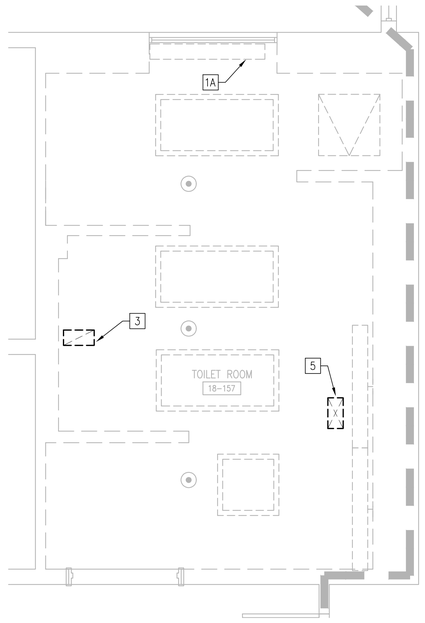
BUILDING 18 - 1st FLOOR MEN'S TOILET ROOM 18-118 DEMOLITION MECHANICAL PLAN

N 1 1/2"=1'-0" 0 1' 2' 4'



BUILDING 18 - 1st FLOOR MEN'S TOILET ROOM 18-144 DEMOLITION MECHANICAL PLAN

N 2 1/2"=1'-0" 0 1' 2' 4'



BUILDING 18 - 1st FLOOR WOMEN'S TOILET ROOM 18-157 DEMOLITION MECHANICAL PLAN

N 3 1/2"=1'-0" 0 1' 2' 4'

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR H&S 2 HR. FIRE BARRIER RATING

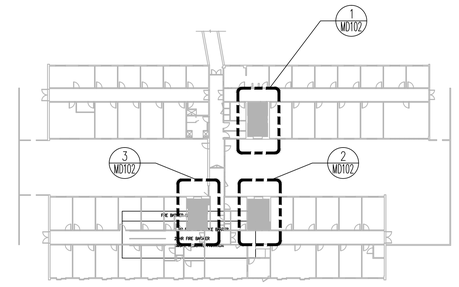
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[X] MECHANICAL DEMOLITION KEY NOTES

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N KEY PLAN - BUILDING 18- 1ST FLOOR NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
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Revisions	Date

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CONSULTANT

ARCHITECT + ENGINEERS:

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700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: MECHANICAL - BUILDING 18 - FLOOR 1 MECHANICAL DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: DGG | Drawn: DGG

Project Number: 561-14-106

Building Number: 18

Drawing Number: MD102

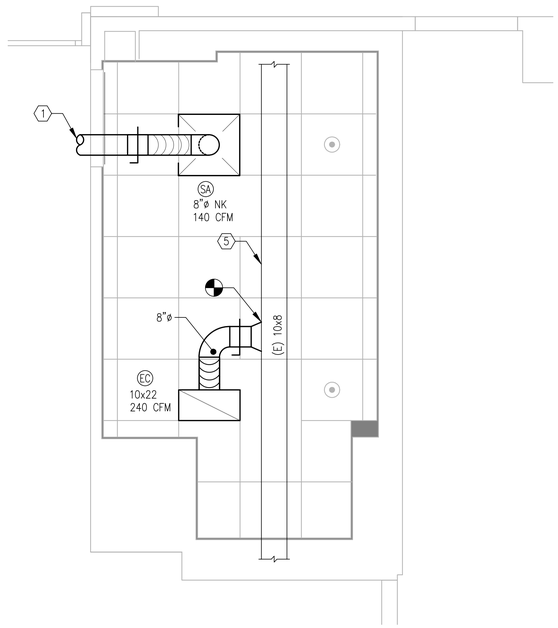
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

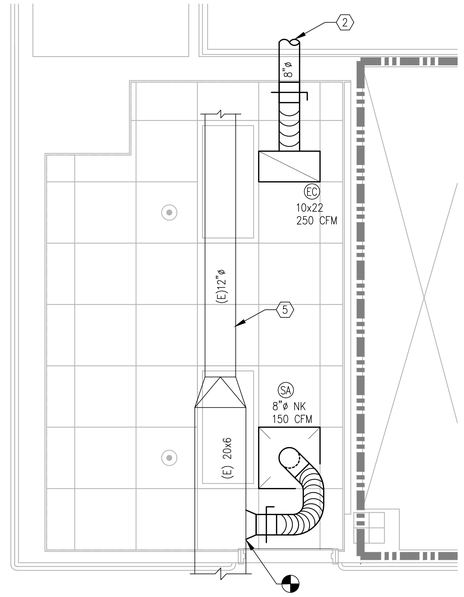
K:\COG_PROJECTS\561\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-MD102_BLDG 18 MECH DEMO.dwg 1-12-20 08:41:24 PM Johnson



BUILDING 1 - FLOOR A
MEN'S H.C. TOILET ROOM A-213
MECHANICAL PLAN

N 1

1/2"=1'-0"



BUILDING 1 - 3rd FLOOR
MEN'S H.C. TOILET ROOM 3-183
MECHANICAL PLAN

N 2

1/2"=1'-0"

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL MECHANICAL NOTES

A. PROVIDE BALANCING DAMPERS AT ALL SUPPLY DIFFUSERS, RETURN GRILLES AND EXHAUST GRILLES.

B. COORDINATE CEILING MOUNTED GRILLES AND DIFFUSERS WITH SPRINKLER HEADS, LIGHTING FIXTURES AND ALL CEILING MOUNTED DEVICES. REFER TO ARCHITECTURAL CEILING GRID FOR COMPLETE INFORMATION.

C. DURING CONSTRUCTION, PROVIDE TEMPORARY CLOSURES ON ALL SUPPLY AND RETURN AIR DUCT OPENINGS BY SEALING WITH A DISPOSABLE POLYETHYLENE SHEETING TO PREVENT CONSTRUCTION DUST FROM ENTERING DUCTWORK SYSTEM OR AIR TERMINAL UNITS.

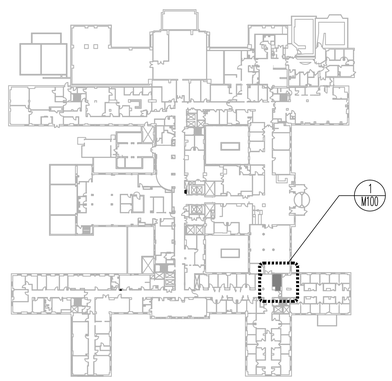
D. CONTRACTOR SHALL REPAIR AND/OR REPLACE ALL EXISTING SHEET METAL DUCTWORK AND PIPE INSULATION THAT BECOMES DAMAGED DURING CONSTRUCTION.

E. PROJECT AREA MAY CONTAIN CONCEALED AREAS OF ACM PIPING INSULATION. DEMOLITION CONTRACTOR SHALL TAKE CARE DURING WORK NOT TO DISTURB ASBESTOS PIPE INSULATION. ALL INSULATION THAT IS NOT CORK, FOAM OR FIBERGLASS SHOULD BE ASSUMED TO BE ASBESTOS CONTAINING. WHERE ASBESTOS CONTAINING MATERIAL IS FOUND, REFER TO HAZARDOUS MATERIAL DRAWINGS AND ABATEMENT SPECIFICATIONS FOR PROPER REMOVAL.

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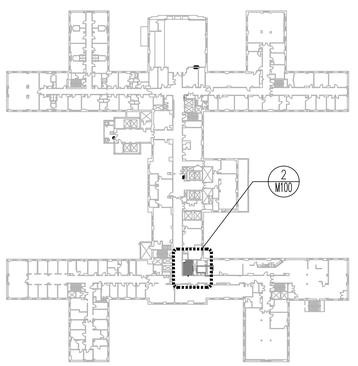
1. MAKE CONNECTION TO EXISTING SUPPLY MAIN. FIELD VERIFY EXACT LOCATION.
2. MAKE CONNECTION TO EXISTING EXHAUST MAIN. FIELD VERIFY EXACT LOCATION.
3. 12x10 UP TO EF-1 ON ROOF AND 10x8 DOWN TO CEILING BELOW.
4. EF-1 ON ROOF.
5. EXISTING DUCTWORK.
6. PROVIDE NEW COVER FOR EXISTING FINNED TUBE RADIATION. COORDINATE WITH ARCHITECTURAL DRAWINGS.
7. CAREFULLY REMOVE EXISTING SUPPLY AND EXHAUST GRILLES TO ALLOW FOR CEILING REMOVAL. RE-CONNECT GRILLES IN SAME LOCATION WHEN CEILING HAS BEEN RE-INSTALLED.



BUILDING 1- FLOOR 'A'
KEY PLAN

N

NTS



BUILDING 1- 3RD FLOOR
KEY PLAN

N

NTS

VA CONTRACT NO. 36C242-18-C-0004

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: MECHANICAL - BUILDING 1 - FLOORS 'A', 3 MECHANICAL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: DGG | Drawn: DGG

Project Number: 561-14-106

Building Number: 1

Drawing Number: M100

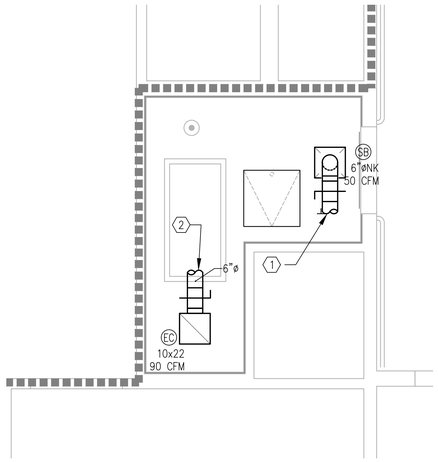
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

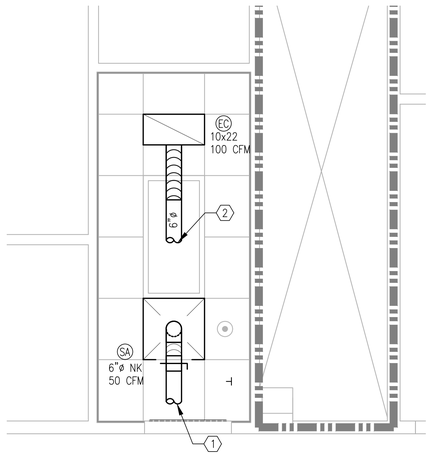
100% CONSTRUCTION DOCUMENTS FOR BID

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
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BUILDING 1 - 8th FLOOR
UNISEX TOILET ROOM 8-134
MECHANICAL PLAN

1/2"=1'-0"



BUILDING 1 - 10th FLOOR
UNISEX TOILET ROOM 10-183
MECHANICAL PLAN

1/2"=1'-0"

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL MECHANICAL NOTES

A. PROVIDE BALANCING DAMPERS AT ALL SUPPLY DIFFUSERS, RETURN GRILLES AND EXHAUST GRILLES.

B. COORDINATE CEILING MOUNTED GRILLES AND DIFFUSERS WITH SPRINKLER HEADS, LIGHTING FIXTURES AND ALL CEILING MOUNTED DEVICES. REFER TO ARCHITECTURAL CEILING GRID FOR COMPLETE INFORMATION.

C. DURING CONSTRUCTION, PROVIDE TEMPORARY CLOSURES ON ALL SUPPLY AND RETURN AIR DUCT OPENINGS BY SEALING WITH A DISPOSABLE POLYETHYLENE SHEETING TO PREVENT CONSTRUCTION DUST FROM ENTERING DUCTWORK SYSTEM OR AIR TERMINAL UNITS.

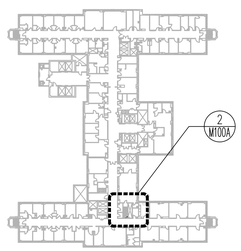
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E. PROJECT AREA MAY CONTAIN CONCEALED AREAS OF ACM PIPING INSULATION. DEMOLITION CONTRACTOR SHALL TAKE CARE DURING WORK NOT TO DISTURB ASBESTOS PIPE INSULATION. ALL INSULATION THAT IS NOT CORK, FOAM OR FIBERGLASS SHOULD BE ASSUMED TO BE ASBESTOS CONTAINING. WHERE ASBESTOS CONTAINING MATERIAL IS FOUND, REFER TO HAZARDOUS MATERIAL DRAWINGS AND ABATEMENT SPECIFICATIONS FOR PROPER REMOVAL.

(X) MECHANICAL PLAN KEY NOTES

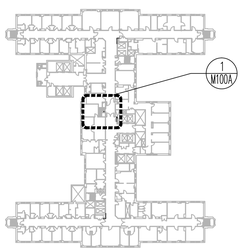
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BUILDING 1- 10TH FLOOR
KEY PLAN

NTS



BUILDING 1- 8TH FLOOR
KEY PLAN

NTS

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
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T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: MECHANICAL - BUILDING 1 - FLOORS 8, 10 MECHANICAL PLANS

Approved: Project Director

VA CONTRACT NO. 36C242-18-C-0004

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: ll/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: M100A

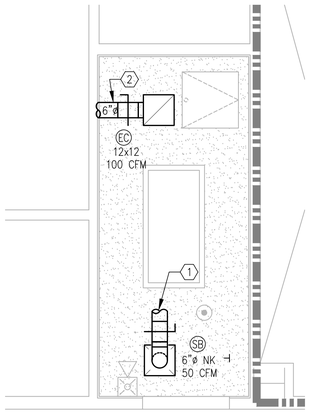
Office of Construction and Facilities Management

VA Department of Veterans Affairs

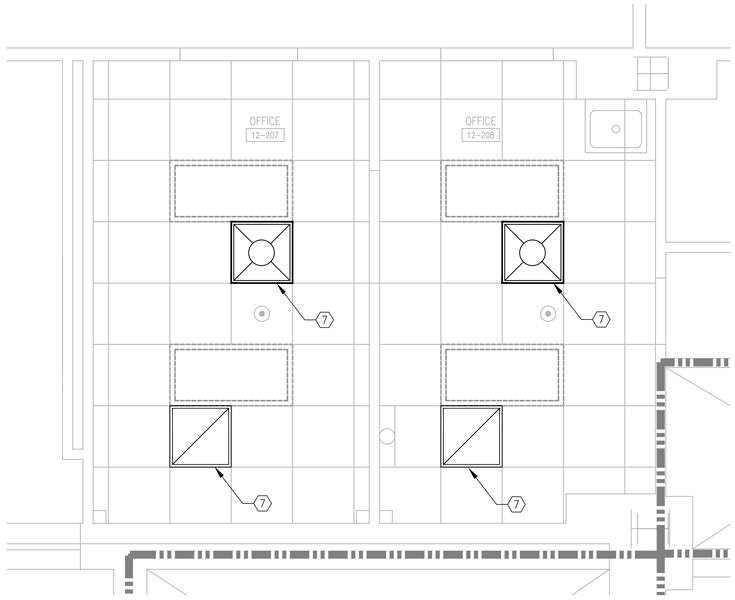
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100% CONSTRUCTION DOCUMENTS FOR BID

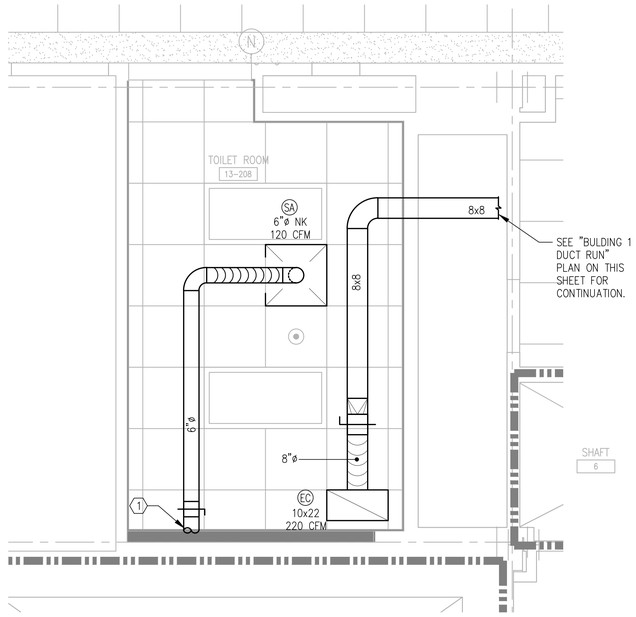
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V:\CCS_PROJECTS\2017\17-113_36C242180004_Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561-14-106-M100A_BLDG 1 MECH NEW.dwg 1-12-20 08:16:49 PM Johnson



BUILDING 1 - 11th FLOOR
UNISEX TOILET ROOM 11-169
MECHANICAL PLAN
1/2"=1'-0"



BUILDING 1 - 12th FLOOR
OFFICES 12-207/ 12-208
MECHANICAL PLAN
1/2"=1'-0"



BUILDING 1 - 13th FLOOR
WOMEN'S H.C. TOILET ROOM 13-208
MECHANICAL PLAN
1/2"=1'-0"

FIRE BARRIER LEGEND

- 1 HR. FIRE AND SMOKE BARRIER
- 2 HR. FIRE AND SMOKE BARRIER
- SMOKE BARRIER

GENERAL MECHANICAL NOTES

A. PROVIDE BALANCING DAMPERS AT ALL SUPPLY DIFFUSERS, RETURN GRILLES AND EXHAUST GRILLES.

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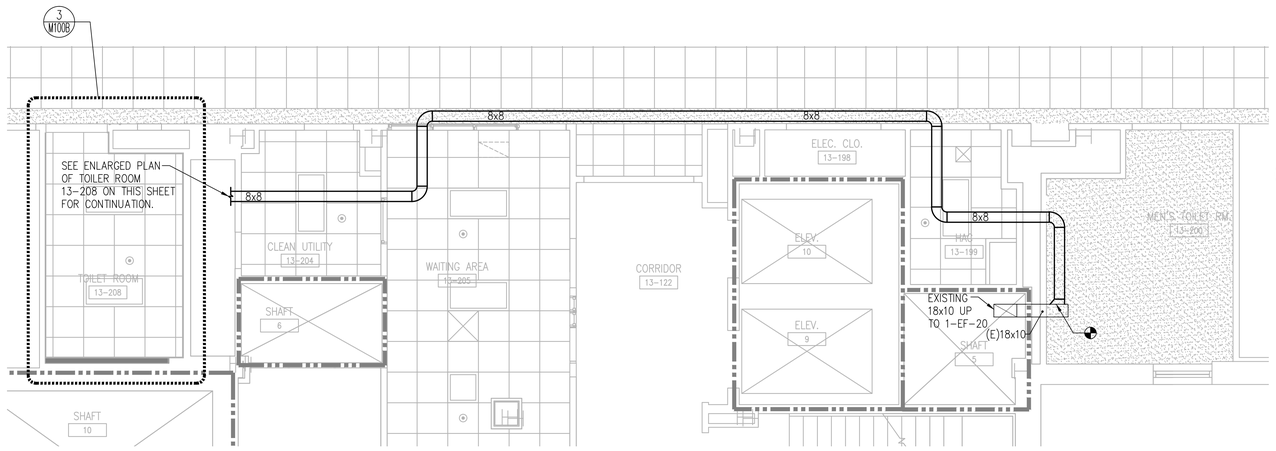
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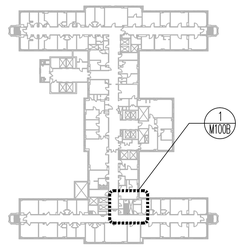
(X) MECHANICAL PLAN KEY NOTES

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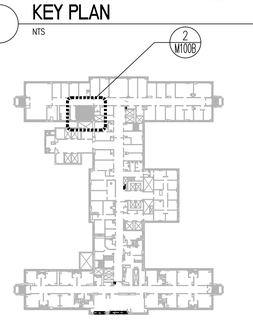
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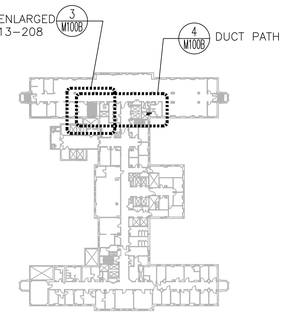
BUILDING 1 - DUCT RUN FROM 13-208 TO 13-200
MECHANICAL PLAN
1/4"=1'-0"



BUILDING 1- 11TH FLOOR
KEY PLAN
NTS



BUILDING 1- 12TH FLOOR
KEY PLAN
NTS



BUILDING 1- 13TH FLOOR
KEY PLAN
NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
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65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
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Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:
BANCROFT ARCHITECTS + ENGINEERS
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700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: MECHANICAL - BUILDING 1 - FLOORS 11, 12, 13 MECHANICAL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: ll/JC

Project Number: 561-14-106

Building Number:

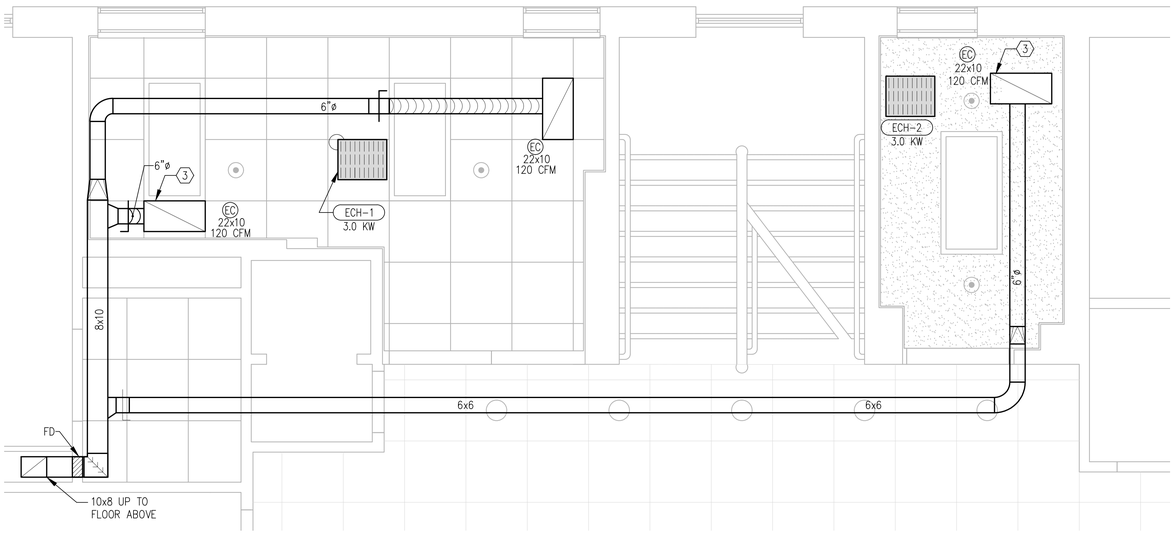
Drawing Number: M100B

Office of Construction and Facilities Management

VA Department of Veterans Affairs

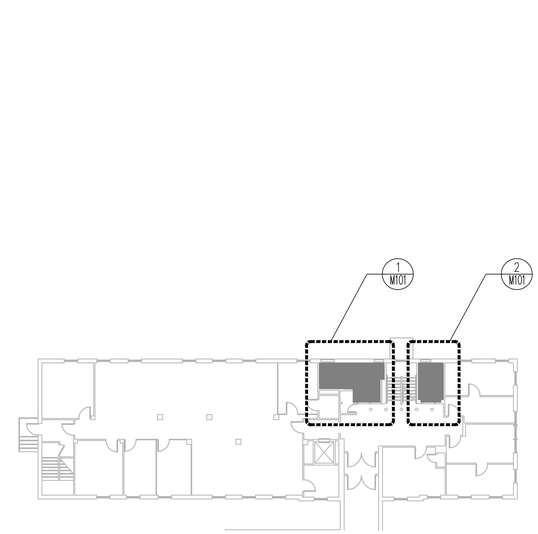
100% CONSTRUCTION DOCUMENTS FOR BID

VA FORM 08-6231
V:\COS_PROJECTS\2017\17-113_36C242180004_Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561144106-M100B_BLDG 1 MECH NEW.dwg 1-12-20 09:20:05 PM JJohnson



BUILDING 5 - 1ST FLOOR
WOMEN'S H.C. TOILET ROOM 5-1-106
MECHANICAL PLAN

N 1 1/2"=1'-0"



BUILDING 5 - 1ST FLOOR
MEN'S TOILET ROOM 5-1-105
MECHANICAL PLAN

N 2 1/2"=1'-0"

BUILDING 5- 1ST FLOOR
KEY PLAN

N NTS

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL MECHANICAL NOTES

A. PROVIDE BALANCING DAMPERS AT ALL SUPPLY DIFFUSERS, RETURN GRILLES AND EXHAUST GRILLES.

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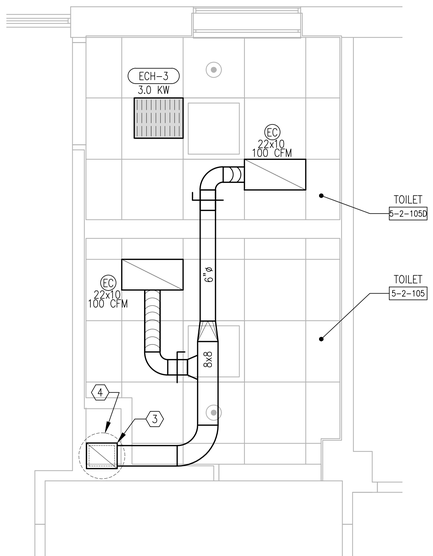
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(X) MECHANICAL PLAN KEY NOTES

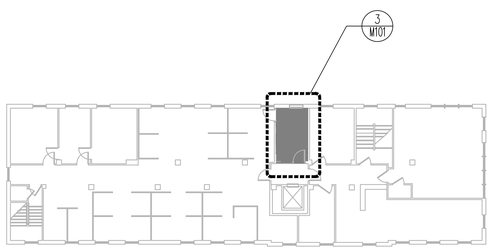
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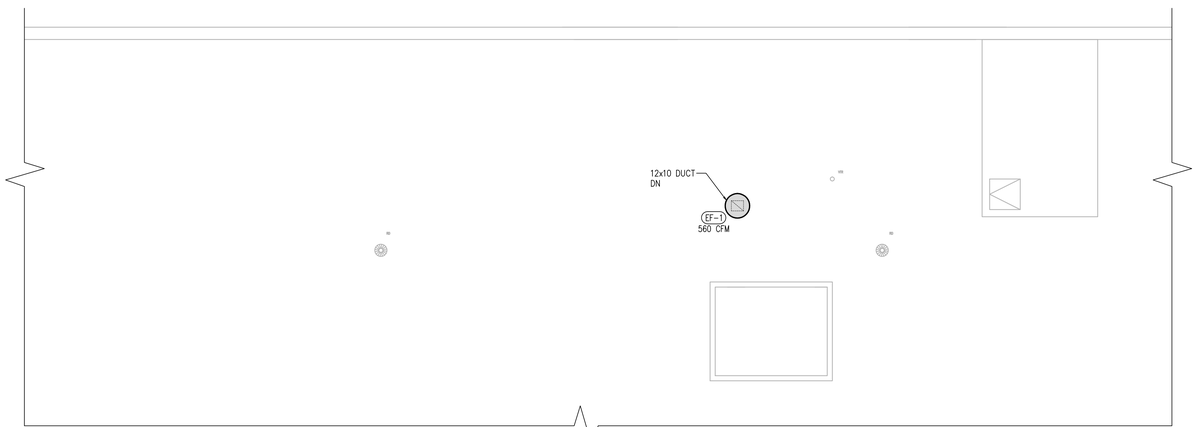
BUILDING 5 - 2ND FLOOR
UNISEX H.C. TOILET ROOMS 5-2-105
MECHANICAL PLAN

N 3 1/2"=1'-0"



BUILDING 5- 2ND FLOOR
KEY PLAN

N NTS



BUILDING 5 - MECHANICAL ROOF PLAN

N 3 1/2"=1'-0"

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
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25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

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Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: MECHANICAL - BUILDING 5 - FLOORS 1, 2, ROOF MECHANICAL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: DGG | Drawn: DGG

Project Number: 561-14-106

Building Number: 5

Drawing Number: M101

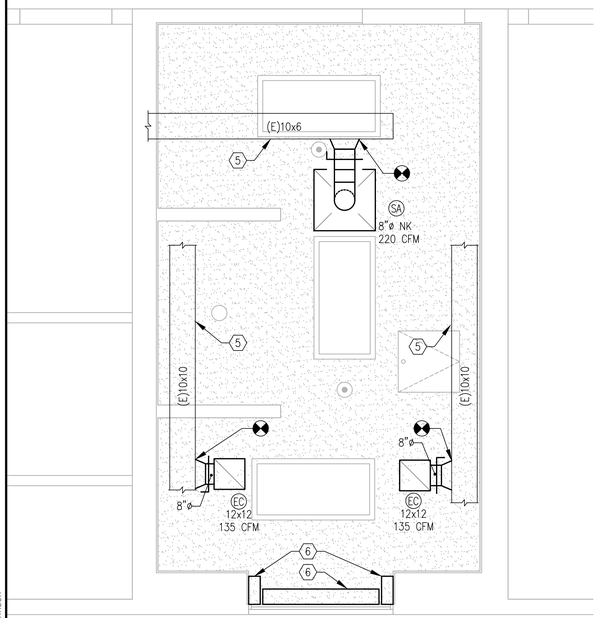
Office of Construction and Facilities Management

VA Department of Veterans Affairs

100% CONSTRUCTION DOCUMENTS FOR BID

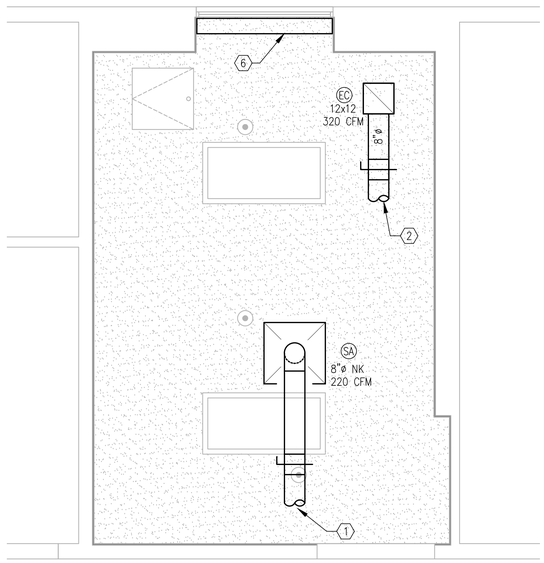
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VA FORM 08-6231



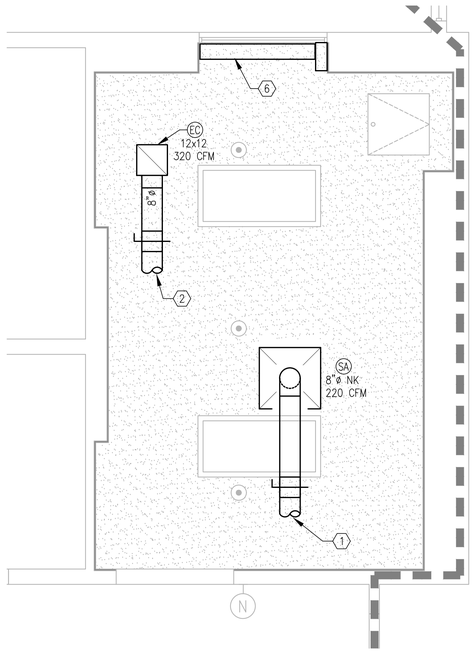
BUILDING 18 - 1st FLOOR
MEN'S H.C. TOILET ROOM 18-118
MECHANICAL PLAN

N 1 — 1/2"=1'-0"



BUILDING 18 - 1st FLOOR
MEN'S H.C. TOILET ROOM 18-144
MECHANICAL PLAN

N 2 — 1/2"=1'-0"



BUILDING 18 - 1st FLOOR
WOMEN'S H.C. TOILET ROOM 18-157
MECHANICAL PLAN

N 3 — 1/2"=1'-0"

FIRE BARRIER LEGEND

- 1 HR. FIRE AND SMOKE BARRIER
- 2 HR. FIRE AND SMOKE BARRIER
- SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

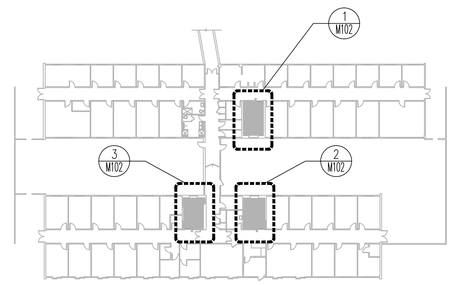
GENERAL MECHANICAL NOTES

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⟨X⟩ MECHANICAL PLAN KEY NOTES

NOT ALL NOTES APPLY TO EVERY DRAWING.

1. MAKE CONNECTION TO EXISTING SUPPLY MAIN. FIELD VERIFY EXACT LOCATION.
2. MAKE CONNECTION TO EXISTING EXHAUST MAIN. FIELD VERIFY EXACT LOCATION.
3. 12x10 UP TO EF-1 ON ROOF AND 10x8 DOWN TO CEILING BELOW.
4. EF-1 ON ROOF.
5. EXISTING DUCTWORK.
6. PROVIDE NEW COVER FOR EXISTING FINNED TUBE RADIATION. COORDINATE WITH ARCHITECTURAL DRAWINGS.
7. CAREFULLY REMOVE EXISTING SUPPLY AND EXHAUST GRILLES TO ALLOW FOR CEILING REMOVAL. RE-CONNECT GRILLES IN SAME LOCATION WHEN CEILING HAS BEEN RE-INSTALLED.



N

KEY PLAN
BUILDING 18- 1ST FLOOR
NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
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T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: MECHANICAL - BUILDING 18 - FLOOR 1 MECHANICAL PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: DGG | Drawn: DGG

Project Number: 561-14-106

Building Number:

Drawing Number: M102

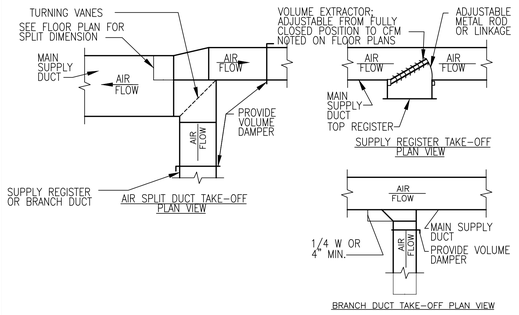
Office of Construction and Facilities Management

VA Department of Veterans Affairs

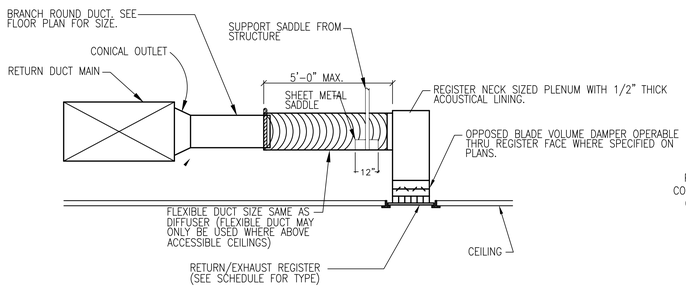
VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

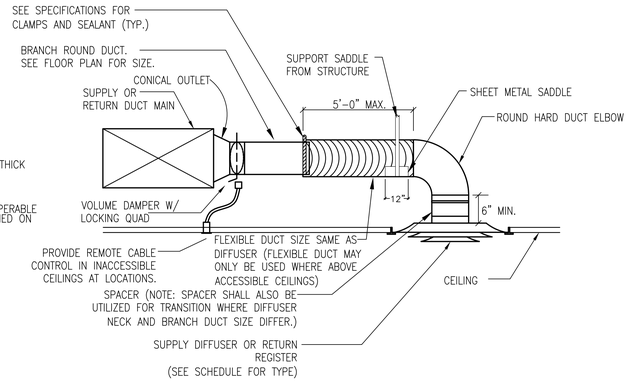
K:\CDG_PROJECTS\2017\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\402- Design Documents\402- Drawings\WORKING\561141106-M102_BLDG 18 MECH NEW.dwg 1-12-20 09:26:00 PM Johnson



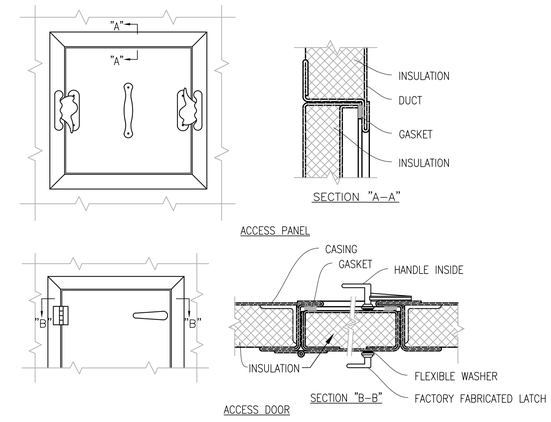
1 SUPPLY DUCTWORK TAKE-OFFS
NTS



2 EXHAUST GRILLE INSTALLATION DETAIL.
NTS

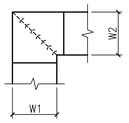


3 DIFFUSER INSTALLATION DETAIL
NTS



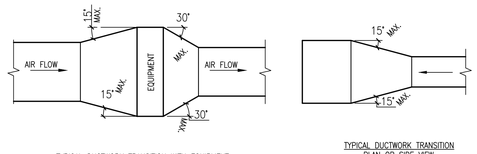
NOTES:
1. LATCHES SHALL BE OF THE WEDGE TYPE TO CLOSE DOORS TIGHTLY.
2. HINGES ON THE ACCESS DOORS SHALL HAVE NON-CORROSIVE PINS.
3. SEE SMACNA 2005, FIGURE 9-15

4 ACCESS PANEL AND DOOR DETAIL
NTS



NOTE:
1. ALL VANE ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMACNA.
2. WHEN W1 DOES NOT EQUAL W2, VANE SHALL BE SINGLE THICKNESS VANE TYPE REGARDLESS OF W DIMENSION.
3. ALL SINGLE THICKNESS VANES SHALL HAVE A 2" RADIUS, 1 1/2" MAXIMUM SPACE BETWEEN VANES AND A 3/4" TRAILING EDGE.
4. WHEN W EQUALS W2 AND W1 IS GREATER THAN 20" VANES SHALL BE DOUBLE VANE TYPE.

5 DUCTWORK SQUARE VANE ELBOWS
NTS

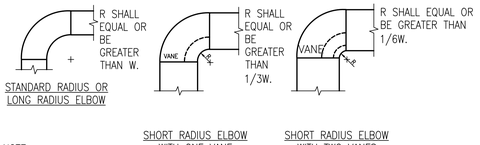


TYPICAL DUCTWORK TRANSITION WITH EQUIPMENT MOUNTED IN DUCT PLAN OR SIDE VIEW

TYPICAL DUCTWORK TRANSITION PLAN OR SIDE VIEW

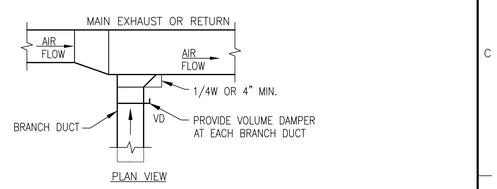
NOTE:
1. UNLESS OTHERWISE INDICATED ON PLANS, MAXIMUM ANGLES SHOWN SHALL APPLY.

6 DUCTWORK TRANSITIONS (WITH EQUIPMENT MOUNTED IN DUCT)
NTS

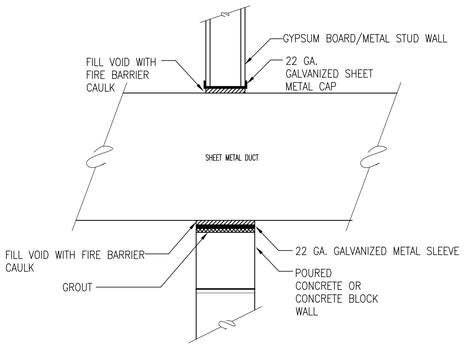


NOTE:
1. THE INTERIOR SURFACE OF ALL RADIUS ELBOWS SHALL BE MADE ROUND.
2. ALL STANDARD RADIUS ELBOWS CAN BE SUBSTITUTED WITH SHORT RADIUS ELBOWS. ALL SHORT RADIUS ELBOWS SHALL HAVE VANES. VANES SHALL BE CONSTRUCTED, SUPPORTED AND FASTENED AS RECOMMENDED BY SMACNA.

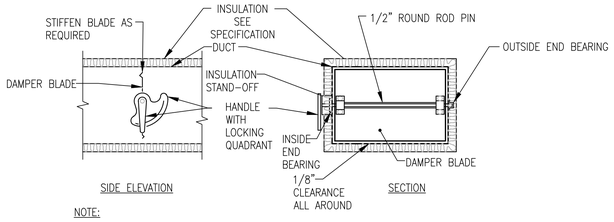
7 DUCTWORK RADIUS ELBOWS
NTS



8 EXHAUST OR RETURN BRANCH DUCTWORK
NTS

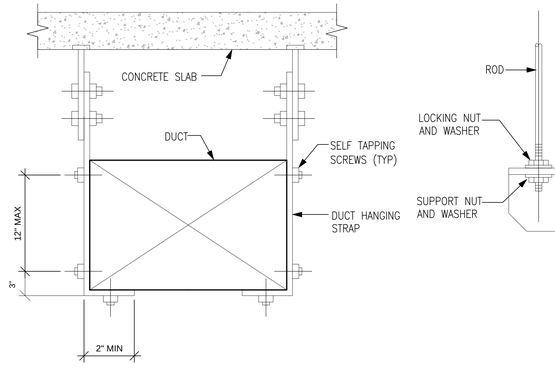


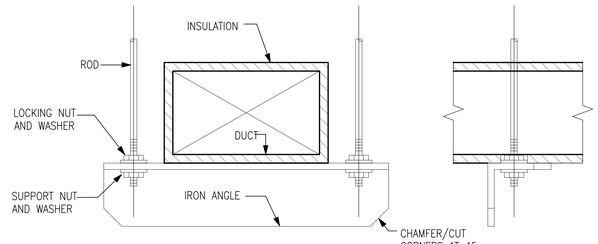
9 DUCT SLEEVE THRU INTERIOR WALL DETAIL
NTS



NOTE:
1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.

10 VOLUME DAMPER DETAIL
NTS





CROSS SECTIONAL AREA	MAX HANGER SPACING
UP TO 4 FEET	8 FEET
OVER 4 FEET NOT TO EXCEED 10 FEET	6 FEET
OVER 10 FEET	4 FEET

11 RECTANGULAR DUCT HANGER
NTS

NOTES:
1. DUCT SHALL BE SUSPENDED WITH GALVANIZED BAND IRON STRAPS SECURELY FASTENED TO THE BOTTOM AND SIDE OF THE DUCT. STRAPS SHALL BE SIZED IN ACCORDANCE WITH SMACNA TABLE 4-1 OR ACCORDING TO LOCAL CODES, WHICHEVER IS MORE STRINGENT.
2. DUCTS WIDER THAN 60 INCHES SHALL BE SUPPORTED BY TRAPEZE ANGLES IN ACCORDANCE WITH SMACNA TABLE 4-1.

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
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KEY PLANS

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T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: MECHANICAL DETAILS

Approved Project Director:

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: DQG | Drawn: DQG

VA CONTRACT NO. 36C242-18-C-0004

Project Number: 561-14-106

Building Number: 1

Drawing Number: M401

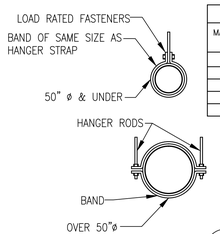
Office of Construction and Facilities Management

VA Department of Veterans Affairs

three inches = one foot | one and one half inches = one foot | one inch = one foot | three quarters inch = one foot | one half inch = one foot | three eighths inch = one foot | one quarter inch = one foot | one eighth inch = one foot
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VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

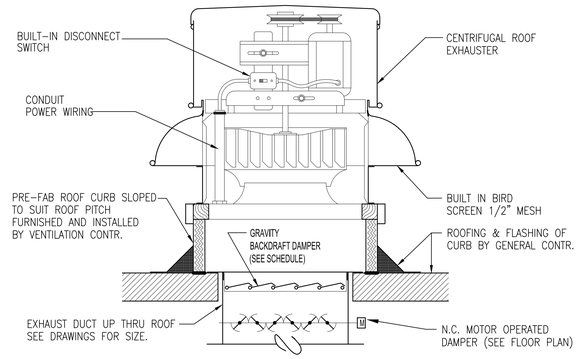


HANGER STRAPS OR RODS

MAX. DUCT ø IN.	QUANTITY/SIZE IN.	MAX. LOAD LBS.	MAX. SPACING IN.
26	ONE 1 x 22 GA STRAP	260	144
36	ONE 1 x 18 GA STRAP	420	144
50	ONE 1 x 16 GA STRAP	700	144
60	TWO 3/8ø. RODS	1320	144
84	TWO 1/2ø RODS	2500	144

NOTE:
TABULATED DATA FROM SMACNA ALLOWS FOR DUCT REINFORCING AND INSULATION, BUT NO EXTERNAL LOAD.

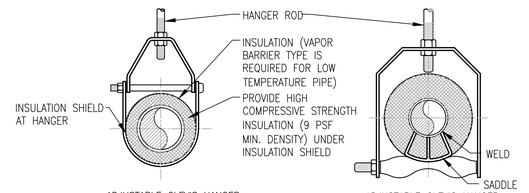
8 ROUND DUCT HANGERS
NTS

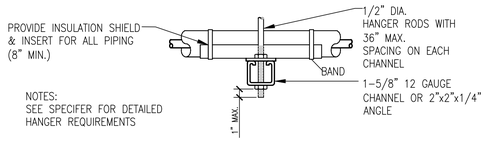


NOTE:

1. ALL ROOF FLASHING SHALL BE PER ROOFING MANUFACTURERS RECOMMENDATION.
2. SECURE CURB CAP TO WOOD NAILING STRIP WITH 3/8" CADMIUM PLATED LAG BOLTS NOT OVER 12" ON CENTER.
3. SECURE ROOF CURB, DUCTWORK AND DAMPER TO ROOF WITH EXPANSION BOLTS (CONCRETE ROOF) OR RUST RESISTANT BOLTS (METAL DECK AND BAR JOIST ROOF).
4. RUN ELECTRICAL LINES THROUGH CLEARANCE HOLE PROVIDED IN GRAVITY DAMPER, THEN THROUGH VENTILATOR ELECTRICAL CONDUIT GUIDE.

11 CENTRIFUGAL ROOF EXHAUSTER DETAIL

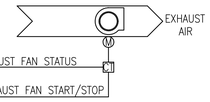




SIDE VIEW TRAPEZE HANGER FOR UP TO 1000 LB. UNIFORM LOAD

MAXIMUM PIPE/TUBING SUPPORT SPACING									
NOM. SIZE	IN.	THRU 3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
PIPE	FT.	7	7	7	9	10	11	12	14
TUBING	FT.	5 FT	6	7	8	8	9	10	12
NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.									

5 PIPE HANGERS
NTS



1. RUN CONDITIONS – SCHEDULED:
   A. THE FAN SHALL RUN CONTINUOUSLY.
2. FAN STATUS:
   A. THE CONTROLLER SHALL MONITOR THE FAN STATUS.
   B. ALARMS SHALL BE PROVIDED AS FOLLOWS:
      a. FAN FAILURE: COMMANDED ON, BUT THE STATUS IS OFF.
      b. FAN IN HAND: COMMANDED OFF, BUT THE STATUS IS ON.

	HARDWARE POINTS				SOFTWARE POINTS						
POINT NAME	AI	AO	BI	BO	AV	BV	LOOP	SCHED	TREND	ALARM	SHOW ON GRAPHICS
EXHAUST FAN FAILURE										X	X
EXHAUST FAN STATUS			X								X
FAN START/STOP				X							X
FAN IN HAND										X	X

1 EXHAUST AIR CONTROL DIAGRAM
NTS

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
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25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

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T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: MECHANICAL DETAILS

Approved Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: DGG | Drawn: DGG

Project Number: 561-14-106

Building Number: 1

Drawing Number: M402

Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID

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VA FORM 08-6231

DIFFUSER, GRILLE, AND REGISTER SCHEDULE

EQUIPMENT TAG	BASIS OF DESIGN		TYPE	NOMINAL FACE SIZE	MATERIAL	MAX. N.C.	NOTES
	MANUFACTURER	MODEL					
A	TITUS	OMNI	SQUARE PANEL FACE	24x24	STEEL	30	1,2,3,4,
B	TITUS	OMNI	SQUARE PANEL FACE	12x12	STEEL	30	1,2,3,4
C	TITUS	45F	EGG CRATE	VARIES	ALUMINUM	30	1,2,3,4

NOTES:
1. OTHER ACCEPTABLE MANUFACTURERS: VA APPROVED EQUAL
2. COORDINATE FRAME/MOUNTING TYPE WITH CEILING TYPE AND ARCHITECTURAL CEILING PLANS
3. FINISH AS SELECTED BY ARCHITECT.
4. 1/2"x1/2"x1/2" GRID WITH 45 DEGREE BLADES.

EXHAUST FAN SCHEDULE

EQUIPMENT TAG	LOCATION	BASIS OF DESIGN		TYPE	DRIVE	CFM	SP (IN.)	MAXIMUM SONES	FAN RPM	FAN CONTROL	MOTOR			NOTES
		MANUFACTURER	MODEL								HP	PH	VOLT	
(EF-1)	BUILDING 5 ROOF	GREENHECK	G-098A	ROOF DOWNBLAST	DIRECT	560	0.75	10.8	1,725	TIME CLOCK	1/4	1	120	1,2,3,4

NOTES:
1. OTHER ACCEPTABLE MANUFACTURER: VA APPROVED EQUAL
2. PROVIDE NON-FUSED DISCONNECT, OPEN DRIP PROOF MOTOR, MOTORIZED BACKDRAFT DAMPER, AND BIRDSCREEN.
3. SPEED CONTROLLER.
4. INSULATED 24" HIGH ROOF CURB

ELECTRIC UNIT HEATER SCHEDULE

SYMBOL	BASIS OF DESIGN		LOCATION	TYPE	MOTOR				DIMENSIONS (IN.)		REMARKS
	MANUFACTURER	MODEL			KW	AMPS	VOLT	PHASE	L	W	
(ECH-1)	QMARK	EFF4004	TOILET ROOM 5-1-106	RECESSED WALL MOUNTED	3.0	14.4	208	1	18 1/4	14 3/8	1, 2
(EUH-2)	QMARK	EFF4004	TOILET ROOM 5-1-105	RECESSED WALL MOUNTED	3.0	14.4	208	1	18 1/4	14 3/8	1, 2
(EUH-3)	QMARK	EFF4004	TOILET ROOM 5-2-105D	RECESSED WALL MOUNTED	3.0	14.4	208	1	18 1/4	14 3/8	1, 2

NOTES:
1. OTHER ACCEPTABLE MANUFACTURERS: VA APPROVED EQUAL.
2. PROVIDE INTEGRAL DISCONNECT SWITCH AND ELECTRIC CONTROLS.

VA CONTRACT NO. 36C242-18-C-0004

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Bancroft-AE Project No. 17-113

Drawing Title: MECHANICAL - EQUIPMENTS SCHEDULES

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: SAT | Drawn: DGG

Project Number: 561-14-106

Building Number:

Drawing Number: M601

Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

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PLUMBING GENERAL NOTES

SEE ALL PROJECT GENERAL NOTES AND OTHER REQUIREMENTS INCLUDING THE LIFE SAFETY AND INFECTION CONTROL REQUIREMENTS LOCATED WITHIN THE GENERAL DRAWINGS SECTION. COMPLY WITH ALL REQUIREMENTS AS THEY ARE A DIRECT PART OF THIS SECTION AND AS IF THEY WERE DIRECTLY INCLUDED AND PROVIDED BELOW.

EQUIVALENCY SUBSTITUTIONS: THE 'BASIS OF DESIGN (BOD) PROTOCOLS' ARE TO BE FOLLOWED FOR ALL EQUIPMENT, MATERIALS AND ASSEMBLIES SPECIFIED AND DETAILED THROUGHOUT ALL DRAWINGS AND SPECIFICATION SECTIONS, WHETHER THE BOD DESIGNATE IS SPECIFICALLY REFERENCED THEREIN OR NOT. SEE THE GENERAL DRAWINGS SECTION FOR THE FULL BOD EQUIVALENCY SUBSTITUTION REQUIREMENTS AND PROTOCOLS TO BE FOLLOWED.

1. THIS CONTRACTOR SHALL REVIEW ENTIRE SET OF CONTRACT DOCUMENTS;INCLUDING BUT NOT NECESSARILY LIMITED TO ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND ELECTRICAL DRAWINGS AND ENTIRE PROJECT MANUAL. THIS CONTRACTOR SHALL ACKNOWLEDGE AND INCLUDE IN THE SCOPE OF WORK (CONTRACT) ALL CONDITIONS PERTINENT TO THE COMPLETION OF HIS WORK. THIS CONTRACTOR SHALL FULLY COORDINATE HIS WORK WITH THE INSTALLATION OF WORK BY OTHER TRADES AND MAKE NECESSARY FIELD ADJUSTMENTS AS REQUIRED TO ACCOMMODATE THE INSTALLATION.

2. THIS CONTRACTOR SHALL CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS, VISIT THE SITE OF THE WORK AND FULLY INFORM THEMSELVES AS TO ALL CONDITIONS AND MATTERS THAT CAN, IN ANY WAY, AFFECT THE WORK OR THE COST THEREOF. SHOULD THIS CONTRACTOR FIND DISCREPANCIES IN, OR OMISSIONS FROM THE DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS, OR BE IN DOUBT AS TO THEIR MEANING, NOTIFY THE VA/CO AT ONCE, IN WRITING, OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND NEW WORK, OR BETWEEN THEIR WORK AND THE WORK OF OTHER TRADES AND OBTAIN CLARIFICATION PRIOR TO SUBMITTING ANY BID. LACK OF SUCH NOTIFICATION SHALL BE CONSTRUED AS TO INDICATE NO DISCREPANCIES OR CONFLICTS EXIST. ADDITIONAL COMPENSATION WILL NOT BE GRANTED AFTER AWARD OF CONTRACT FOR ANY WORK NECESSARY TO COMPLY WITH THESE REQUIREMENTS.

3. THE DRAWINGS INDICATE DIAGRAMMATICALLY THE INTENT, GENERAL CHARACTER, REQUIREMENTS AND LOCATION OF THE WORK SHOWN AND INCLUDED. THE WORK INDICATED, BUT HAVING MINOR DETAILS OBVIOUSLY OMITTED, SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.

4. THE CONTRACTOR IS REQUIRED TO BID, AS SPECIFIED, WORK SHOWN ON THE DRAWINGS WITHOUT DEVIATION. CONTRACTOR IS INVITED TO SUBMIT EQUIVALENT BOD SUBSTITUTIONS FROM THE BASE BID, ONLY IF THE SUBSTITUTIONS ARE APPROVED BY THE VA/COR AFTER FOLLOWING THE BASIS OF DESIGN COMPLIANCE PROTOCOLS PROCESS.

5. THIS CONTRACTOR IS RESPONSIBLE TO FURNISH AND INSTALL ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM. WHERE THERE IS NO MENTION OF THE RESPONSIBLE PARTY FOR A SPECIFIC ITEM TO BE FURNISHED OR INSTALLED ON THE DRAWINGS, THE DRAWING'S TRADE CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR ALL RELATED PURCHASES AND LABOR FOR A COMPLETE OPERATING SYSTEM FOR THIS ITEM.

6. DO ALL CUTTING AND PATCHING OF BUILDING MATERIALS AS REQUIRED TO PROVIDE A FINISHED PRODUCT THAT IS LIKE NEW AND DOESN'T STAND OUT AS BEING DIFFERENT OR DISTINGUISHABLE AS A PATCH OR REPAIR.

7. THIS CONTRACTOR SHALL VERIFY ALL MOUNTING, ARRANGEMENTS, HEIGHTS AND LOCATIONS PRIOR TO ROUGH-IN. AS REQUIRED BY THE FEDERAL CODES AND/OR REGULATIONS ALONG WITH THE EXPRESSED DESIGN INTENT PRESENTED WITHIN THESE DOCUMENTS. NO ADDITIONS TO THE CONTRACT SUM WILL BE PERMITTED FOR ITEMS INSTALLED INCORRECTLY.

8. THIS CONTRACTOR SHALL FURNISH AND INSTALL ALL SLEEVES THRU WALLS AND CORING THROUGH FLOORS .

9. PLUMBING CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL EXISTING SANITARY, STORM AND WATER SUPPLY ON THE SITE PRIOR TO THE PERFORMANCE OF ANY WORK

10. PROVIDE SERVICE VALVES AT ALL BRANCH SUPPLY PIPING. SUCH SERVICE VALVES SHALL BE AS PER THE SPECIFICATIONS AND/OR IN KEEPING WITH THE FACILITY STANDARDS.

11. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL CURRENT GOVERNING LOCAL, COUNTY, STATE, AND FEDERAL BUILDING CODE REQUIREMENTS AND REGULATIONS BUT IN COMPLIANCE WITH LOCAL UTILITY COMPANY REQUIREMENTS.

12. THIS CONTRACTOR SHALL PAY ALL PERMIT FEES, PLAN REVIEW FEES, LICENSE FEES, INSPECTIONS, AND TAXES APPLICABLE TO THEIR DIVISION AND SHALL BE INCLUDED IN THE BASE BID AS PART OF THEIR CONTRACT.

13. THIS CONTRACTOR SHALL BE LICENSED, BONDED, INSURED AND CAPABLE OF PERFORMING QUALITY WORKMANSHIP.

14. THIS CONTRACTOR SHALL ESTABLISH SAFE WORKING PROCEDURES FOR THE PROTECTION OF THE WORKMEN IN ALL PHASES OF WORK, COMPLYING WITH ALL APPLICABLE PROVISIONS OF CITY, STATE, AND FEDERAL SAFETY LAWS (OSHA) AND AS RECOMMENDED IN THE "MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION" AS ISSUED BY THE ASSOCIATION OF GENERAL CONTRACTORS OF AMERICA, INC., 20TH AND E. STREETS, N.W. WASHINGTON, D.C.

15. THIS CONTRACTOR IS RESPONSIBLE FOR SCHEDULING THE PURCHASE, DELIVERY, RECEIVING, UNLOADING, UNCRATING, STORING, SETTING IN PLACE, AND PROTECTING OF ALL NEW EQUIPMENT FURNISHED BY THIS CONTRACTOR ALONG WITH EQUIPMENT FURNISHED BY VA AND INSTALLED BY THIS CONTRACTOR FROM DAMAGE BY THE CONSTRUCTION, HANDLING, VANDALISM AND WEATHER DURING CONSTRUCTION UNTIL COMPLETION OF THE WORK,

16. THIS CONTRACTOR SHALL SUBMIT SHOP DRAWINGS IN THE NUMBERS REQUIRED BY THE SPECIFICATIONS. PRIOR TO THE START OF INSTALLATION FOR THE VA/COR APPROVAL AND A SUCCESSFUL REVIEW BY THE ARCHITECT/ENGINEER.

17. THIS CONTRACTOR SHALL FURNISH AS-BUILT CONTRACT DOCUMENTS TO THE VA/COR BEFORE FINAL PAYMENT WILL BE ISSUED. THE CONTRACT AS-BUILT DOCUMENTS SHALL BE PROVIDED IN ELECTRONIC REPRODUCIBLE FORM.

18. BEFORE PLACING WATER SYSTEM IN OPERATION, CHLORINATE ENTIRE SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS AND IN CONJUNCTION WITH ALL LOCAL, STATE AND FEDERAL PLUMBING CODES, SUPPLY CERTIFICATE.

19. ALL NEW SANITARY PIPING SHALL BE GIVEN A FULL STATIC PRESSURE TEST. METHOD OF TEST AND REQUIREMENTS TO BE MET SHALL BE AS PER THE SPECIFICATIONS AND IN CONJUNCTION WITH ALL LOCAL, STATE AND FEDERAL CODE REQUIREMENTS.

20. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THE PUMPING AND DRAINING OF TRENCHES OR PITS NECESSARY FOR THE INSTALLATION OF HIS WORK.

21. UPON COMPLETION OF THE WORK, THIS CONTRACTOR SHALL REVIEW AND CHECK THE ENTIRE PORTION OF WORK, CLEAN EQUIPMENT AND DEVICES. REMOVE SURPLUS MATERIALS AND RUBBISH FROM THE PROPERTY AND LEAVE THE WORK IN NEAT AND CLEAN ORDER AND IN COMPLETE WORKING CONDITION. EACH RESPECTIVE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ANY CARTONS, DEBRIS, EQUIPMENT, ETC., INSTALLED BY THIS CONTRACTOR INCLUDING EQUIPMENT FURNISHED BY OTHERS AND UNCRATE OR REMOVED FROM CARTONS.

22. ALL PIPING SHALL BE CONCEALED IN WALLS AND BEHIND FIXED FURNISHINGS UNLESS OTHERWISE INDICATED.

23. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILINGS, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING. THE EXISTING CEILINGS SHALL BE REMOVED IN A MANNER TO AVOID DAMAGE TO THE CEILING SYSTEMS. STORAGE OR CEILING SYSTEM COMPONENTS FOR REINSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR. THE STORAGE OF ALL MATERIAL SHALL BE IN AREAS OR LOCATION APPROVED BY THE VA/COR. THE STORAGE OF ALL MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR. AFTER COMPLETION OF ALL DEMOLITION OR NEW WORK, THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATIONS. ANY CEILING SYSTEM COMPONENT DAMAGED DURING DEMOLITION, STORAGE OR REINSTALLATION SHALL BE REPLACED WITH NEW AT NO EXPENSE TO THE VA.

PLUMBING MATERIAL AND PROCEDURES NOTES

DISCIPLINE SPECIFIC

1. DISINFECTION OF POTABLE WATER SYSTEM SHALL BE AS FOLLOWS:
   GENERAL: NEW OR REPAIRED POTABLE WATER SYSTEMS SHALL BE PURGED OF DELETERIOUS MATTER AND DISINFECTED PRIOR TO UTILIZATION. THE METHOD TO BE FOLLOWED SHALL BE THAT PRESCRIBED BY THE HEALTH AUTHORITY HAVING JURISDICTION OR, IN THE ABSENCE OF A PRESCRIBED METHOD, THE PROCEDURE DESCRIBED IN EITHER AWWA C651 OR AWWA C652 LISTED IN CHAPTER 19, OR AS DESCRIBED IN THIS SECTION. THIS REQUIREMENT SHALL APPLY TO "ONSITE" OR "IN-PLANT" FABRICATION OF A SYSTEM OR TO A MODULAR PORTION OF A SYSTEM.
   A. THE PIPE SYSTEM SHALL BE FLUSHED WITH CLEAN, POTABLE WATER UNTIL DIRTY WATER DOES NOT APPEAR AT THE POINTS OF OUTLET.
   B. THE SYSTEM OR PART THEREOF SHALL BE FILLED WITH A WATER/CHLORINE SOLUTION AT LEAST 50 PARTS PER MILLION (50 mg/l) OF CHLORINE, AND THE SYSTEM OR PART THEREOF SHALL BE VALVED OFF AND ALLOWED TO STAND FOR 24 HOURS; OR THE SYSTEM OR PART THEREOF SHALL BE FILLED WITH A WATER CHLORINE SOLUTION AT LEAST 200 PARTS PER MILLION (200mg/l) OF CHLORINE AND ALLOWED TO STAND FOR 3 HOURS.
      FOLLOWING THE REQUIRED STANDING TIME, THE SYSTEM SHALL BE FLUSHED.
   C. THE SYSTEM SHALL BE FLUSHED WITH CLEAN POTABLE WATER UNTIL THE CHLORINE IS PURGED FROM THE SYSTEM.
   D. THE PROCEDURE SHALL BE REPEATED WHERE SHOWN BY A BACTERIOLOGICAL EXAMINATION THAT CONTAMINATION REMAINS PRESENT IN THE SYSTEM.
2. PIPING SERVICE MARKING:
   VINYL CLOTH PRESSURE SENSITIVE MARKERS BLACK LETTER ON WHITE BACKGROUND
   A. PIPES 3" AND LARGER SPACING 30'-0" O.C. PIPES 2 1/2" AND SMALLER SPACING 20'-0" O.C.
   B. INSTALL DIRECTIONAL ARROWS ON ALL PIPING AT SAME SPACING.
3. CONTRACTOR TO VERIFY IN FIELD AND PROVIDE EXTENSIONS REQUIRED TO ADJUST ALL FIXTURES TO GRADE LEVEL TO MAINTAIN INVERTS AS DETERMINED BY ALL FIXTURES RELATED (GREASE TRAPS, MAN HOLES, ETC.).
4. PROVIDE EXTERIOR ACCESS TO ISOLATION VALVES FOR HOT AND COLD WATER SUPPLY CUTOFF.
5. SHUT DOWN SHALL BE COORDINATED WITH THE VA/COR.
6. PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS CONNECTED TO THE SANITARY SYSTEM. TRAP PRIMER VALVES SHALL BE LOCATED AND CONNECTED TO COLD WATER LINE UP UPSTREAM OF FREQUENTLY USED FIXTURES. LOCATE TRAP PRIMER VALVES IN CEILING SPACE NEAR LAY-IN CEILINGS FOR ACCESSIBILITY.
7. PROVIDE EXPANSION JOINTS AS REQUIRED ON HOT WATER SYSTEM.
8. THERMOSTATIC MIXING VALVES SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS. PROVIDE ACCESS PANELS AS NECESSARY.
9. ALL EXISTING INSULATION ON ALL HOT WATER RETURN LINES WITHIN SCOPE OF WORK TO BE REMOVED AND REPLACED WITH NEW INSULATION.
10. ISOLATION VALVES SHALL BE INSTALLED PER INTERNATIONAL PLUMBING CODE SECTION FOR HEALTH CARE FACILITIES.
11. CONTRACTOR SHALL INSPECT AND CLEAN ANY PIPING TO BE REUSED IN EXISTING BUILDING PRIOR TO CONNECTING TO NEW PIPING.

MATERIALS:

1. ALL MATERIALS SHALL BE NEW OF FIRST QUALITY AND UL LISTED FOR THE SPECIFIC DESIGN PURPOSE.
2. SANITARY, VENT, AND STORM LINES SHALL BE SCHEDULE 40 CAST IRON OR COPPER PIPE.
3. DOMESTIC SUPPLY PIPING LOCATED BELOW THE SLAB-ON-GRADE LESS THAN 2" SHALL BE TYPE "K" COPPER LINES 2" AND LARGER SHALL BE DUCTILE IRON.
4. DOMESTIC SUPPLY PIPING LOCATED ABOVE THE FINISHED FLOOR SHALL BE PRO-PRES. COPPER PIPING SYSTEM.
5. THREADED FITTINGS ON GALVANIZED STEEL PIPING SHALL BE 150# CLASS GALVANIZED MALLEABLE IRON FITTING CONFORMING TO ASTM A-197 SPECIFICATION.
6. FURNISH AND INSTALL UNIONS WHERE INDICATED OR NECESSARY FOR REPAIR OR SERVICE. UNIONS 2" AND SMALLER SHALL BE STANDARD GROUND JOINT BRASS TO IRON SEAT, MALLEABLE IRON, SCREWED. UNIONS 2-1/2" AND LARGER SHALL BE STANDARD CAST IRON FLANGED UNIONS 125# CLASS.
7. VALVES BOD SHALL BE MAUNFACTURED BY CRANE, STOCKHAM. VALVE NUMBERS INDICATED HERE ARE CRANE. GATE VALVES, 2" AND SMALLER, #428. GLOBE VALVE, 2" AND SMALLER #7. CHECK VALVE, 2" AND SMALLER, #36. VALVES ARE SUITABLE FOR IRON OR STEEL PIPE ONLY. IF COPPER PIPING IS USED, MODIFY VALVE NUMBERS AS REQUIRED AND SUBMIT PROPER VALVES FOR VA/COR APPROVAL.
8. DOMESTIC HOT WATER SUPPLY AND RETURN PIPING SHALL BE INSULATED WITH ONE OF THE FOLLOWING: (INSTALL AS RECOMMENDED BY MANUFACTURER).
   A. 1" THICK PREFORMED FIBERGLASS WITH "K" FACTOR OF 0.23 MAXIMUM AT 75'F. MEAN TEMPERATURE. JACKET TO BE FACTORY APPLIED KRAFT PAPER WITH VAPOR BARRIER.
   B. 1" THICK MOLDED RIGID PHENOLIC FOAM WITH "K" FACTOR OF 0.23 MAXIMUM AT 78'F MEAN TEMPERATURE WITH FACTORY APPLIED LAMINATED ALUMINUM FOILAND WHITE KRAFT PAPER VAPOR BARRIER JACKET.
9. DOMESTIC COLD WATER PIPING AND SUSPENDED HORIZONTAL STORM SEWERS SHALL BE INSULATED WITH: (INSTALL AS RECOMMENDED BY MANUFACTURER).
   A. 1/2" THICK INSULATION FOR PIPING UP TO 1-1/4" DIAMETER.
   B. 1" THICK INSULATION FOR PIPING LARGER THAN 1-1/2" DIAMETER.
10. THE BOD FOR PIPE INSULATION AT ALL PIPE HANGERS SHALL CONSIST OF INSUL-SHIELD FIBERGLASS PIPE SUPPORTS AS MANUFACTURED BY INSUL-COUSTIC, AN VA/COR APPROVED.
11. HANGERS SHALL BE OF STANDARD WEIGHT STEEL OR IRON ROD AND RING OR CLEVIS TYPE.

PLUMBING MAT'L AND PROCEDURES NOTES

PROCEDURES:

1. ALL SUSPENDED HORIZONTAL PIPING SHALL BE SUPPORTED BY HANGERS SPACED NO FURTHER THAN 8' - 0" APART (4' -0" APART FOR PVC PIPING). NO PIPING SHALL BE SELF-SUPPORTING NOR BE SUPPORTED FROM EQUIPMENT CONNECTIONS.
2. ALL PARALLEL PIPES (TWO(2) OR MORE) SHALL BE SUPPORTED ON A CHANNEL TYPE TRAPEZE HANGER.
3. SUPPORTS AND HANGERS SHALL BE INSTALLED TO PERMIT FREE EXPANSION AND CONTRACTION IN PIPING SYSTEMS UNLESS PIPE REQUIRES FIRM ANCHOR CONTROL.
4. HORIZONTAL SOIL OR WASTE LINES SHALL BE AT A SLOPE OF NOT LESS THAN 1/8" PER FOOT AND SHALL BE HELD CLOSE TO THE CONSTRUCTION TO MAINTAIN A MAXIMUM OF HEAD ROOM. ALL CHANGES OF DIRECTION AND JUNCTIONS SHALL BE MADE WITH "Y" FITTINGS AND 1/8" BENDS. NO LINES OF ANY KIND SHALL BE LOCATED BELOW FREEZERS. ALL DRAIN LINES SHALL BE PROTECTED FROM FREEZING.
5. HOT AND COLD WATER PIPING SHALL BE PROPERLY PITCHED TO LOW POINTS IN THE SYSTEM WHERE DRAINS SHALL BE INSTALLED.
6. CLEANOUTS SHALL BE PLACED AT ALL DEAD ENDS, AT CHANGES OF DIRECTION, AT 50'-0" INTERVALS ON HORIZONTAL RUNS, OUT OF HIGH TRAFFIC AREAS, (NOT UNDER CASES) ETC. WHERE CLEANOUTS OCCUR IN CONCEALED SPACES, THEY SHALL BE PROVIDED WITH EXTENSIONS TO FLOOR ABOVE OR TO WALLS. A HAND-HOLE TEST TEE SHALL BE PLACED AT THE BASE OF EACH STACK.
7. VENT STACKS EXTENDING UP THROUGH THE ROOF SHALL BE FLASHED WITH SIX POUND SHEET LEAD. FLASHING SHALL EXTEND 12" IN ALL DIRECTIONS FROM THE VENT, CARRIED OVER AND TURNED DOWN THE INSIDE OF THE VENT. ALL SEAMS AND JOINTS OF FLASHING SHALL BE SOLDERED AND PROVEN WEATHERTIGHT. EXTEND VENTS A MIN. OF 12" ABOVE ROOF, AND 30" AWAY FROM PARAPET.
8. ALL SUPPLY PIPING TO BE RUN OVERHEAD, UNLESS NOTED OTHERWISE.
9. ALL SUPPLY PIPING TO BE A MINIMUM OF 3/4" DIA.
10. EACH FIXTURE WILL HAVE A 1/2" X 12" AIR CHAMBER.
11. PROVIDE SERVICE VALVE AT BRANCHES AND AT ALL APPLIANCES.
12. ALL FIXTURES WILL BE FURNISHED WITH INTEGRAL STOPS.
13. BURIED SANITARY AND WASTE LINES WILL BE A MINIMUM OF 4" DIA.
14. ALL FLOOR DRAINS AND FIXTURES TO BE VENTED IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIONS.
15. ALL HORIZONTAL VENT PIPING SHALL BE RUN ABOVE FINISHED CEILINGS AND SLOPED UP TOWARD MAIN STACK.
16. THE PLUMBING CONTRACTOR WILL NOT INSTALL COMBUSTIBLE PIPING MATERIAL IN OR THROUGH FIRE RATED ASSEMBLIES.
17. HORIZONTAL DRAINAGE PIPING SHALL BE PITCHED NOT LESS THAN 1/4" PER FOOT FOR PIPING 3" DIA. AND UNDER.
18. HORIZONTAL DRAINAGE PIPING SHALL BE PITCHED NOT LESS THEN 1/8" PER FOOT FOR PIPING 4" DIA. AND OVER.
19. ALL EQUIPMENT DEVICES SHALL BE INSTALLED WITH UNIONS IN SUCH A MANNER TO FACILITATE EASY REMOVAL AND MAINTENANCE OF EQUIPMENT WITHOUT DISRUPTING SERVICE AND CAUSING MAJOR PIPING REVISIONS.
20. ALL CONNECTIONS BETWEEN DISSIMILAR METALS SHALL BE MADE WITH DIELECTRIC UNIONS OR COUPLINGS.
21. PATCH AND SEAL VAPOR TIGHT ALL OPENINGS AT FLOORS, WALLS, AND CEILING THAT REMAIN WHEN DEMOLITION WORK HAS BEEN COMPLETED OR NEW WORK PENETRATION.
22. CONTRACTOR SHALL VERIFY THE PRESENCE OF EXISTING CONDUIT IN THE EXISTING FLOOR SLAB PRIOR TO ANY WORK TAKING PLACE.
23. CONTRACTOR SHALL PERFORM GPR (GROUND PENETRATING RADAR) SURVEY OF THE 2-WAY CONCRETE SLAB PRIOR TO ANY CORING WORK AND POSITION CORE SO AS TO AVOID CUTTING EXISTING REBAR.

PLUMBING FIXTURE SCHEDULE

1. THE FOLLOWING PLUMBING FIXTURE AND EQUIPMENT SCHEDULE, IN GENERAL, SPECIFIES THE PLUMBING FIXTURES, EQUIPMENT AND DEVICES: HOWEVER, UNLESS NOTED OTHERWISE, ALL FIXTURES SHALL BE PROVIDED WITH APPLICABLE ACCESSORIES (SUCH AS SUPPLY STOPS, WASTE TRAPS, FIXTURE MOUNTING SUPPORTS, BOLT CAPS, WATER CLOSET SEATS, ETC., AS REQ'D.)
2. ALL ITEMS SPECIFIED HEREAFTER SHALL BE NEW, CLEANED AND ADJUSTED FOR THE SPECIFIED DESIGN PURPOSE (UNLESS OTHERWISE SPECIFIED).
3. ALL EQUIPMENT AND DEVICES SHALL BEAR AGA, CSA OR UL APPROVED LABELS AND CERTIFICATIONS FOR THE SPECIFIED DESIGN PURPOSE.
4. PLUMBING CONTRACTOR SHALL VERIFY IN FIELD ALL FINAL FIXTURE AND EQUIPMENT LOCATIONS AND MOUNTING HEIGHTS DESIGN PURPOSE.
5. PLUMBING CONTRACTOR SHALL VERIFY IF THE FEDERAL CODES/REGULATIONS REQUIRE URINALS TO BE INSTALLED TO ACCOMMODATE HANDICAP PROVISION AND MAKE NECESSARY CHANGES AS REQUIRED.
6. SUBMIT, AS PER THE SPECIFICATIONS, THE NUMBER COPIES OF EACH CATALOG CUT, FOR EACH ITEM, TO BE APPROVED BY THE VA/COR AND SUCCESSFULLY REVIEWED BY THE ARCHITECT/ENGINEER (PRIOR TO THE BEGINNING OF CONSTRUCTION) FOR ALL THE NEW ITEMS SPECIFIED HEREAFTER.
7. THE CONTRACTOR SHALL SUBMIT EQUIPMENT CUTS FOR EACH PIECE OF EQUIPMENT PRIOR TO ORDERING. SUBMIT, AS PER THE SPECIFICATIONS, THE NUMBER OF COPIES FOR APPROVAL BY THE OWNER/COR AND SUCCESSFUL REVIEW BY THE ARCHITECT/ENGINEER. THIS CONTRACTOR SHALL ALSO ASSEMBLE PRINTED INSTRUCTIONS FOR THE OPERATION AND MAINTENANCE OF EACH ITEM INSTALLED AND BIND TOGETHER WITH EQUIPMENT CUTS AND CONTROL WIRING CONTROL WIRING DIAGRAMS.
8. FIXTURES FURNISHED BY OWNER SHALL BE INSTALLED BY PLUMBING CONTRACTOR, ALL OTHER FIXTURES SHALL BE FURNISHED & INSTALLED BY PLUMBING CONTRACTOR.

PLUMBING SYMBOL LIST

SYMBOL	DESCRIPTION
CW	COLD WATER
HW	HOT WATER SUPPLY
HWC	HOT WATER RECIRCULATION
FBO	FURNISH BY OTHERS, INSTALLED BY PLUMBING CONTRACTOR
FD	FLOOR DRAIN
LAV	LAVATORY
V	VENT
VTR	VENT THRU ROOF
SAN	SANITARY
SK	SINK
CO	CLEANOUT
CI	CAST IRON
ST	STORM
OSD	OPEN SITE DRAIN
EWC	ELECTRIC WATER COOLER
VB	VACUUM BREAKER
MB	MOP BASIN
TP	TRAP PRIMER
GPM	GALLON PER MINUTE
WC	WATER CLOSET
WHA	WATER HAMMER ARRESTOR
DN	DOWN
TYP	TYPICAL
WM	WASHING MACHINE
SH	SHOWER
———	COLD WATER LINE
———	HOT WATER LINE
———	HOT WATER RECIRCULATION
———	DEMO PIPING
—V—	VENT LINE
——►	DIRECTION OF FLOW
o——	PIPE DOWN
o——	PIPE UP
	POINT OF CONNECTION
	LIMIT OF DEMOLITION
	UNION
	SHUT-OFF VALVE
	BUTTERFLY VALVE
	BALL VALVE
	CHECK VALVE (DIRECTION OF FLOW)
	EQUIPMENT TAG
	BALANCING VALVE
	WATER HAMMER ARRESTOR
	FLOOR DRAIN
	PLUMBING SYSTEM NUMBER

Revisions:	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

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Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING - GENERAL NOTES AND SYMBOLS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: ST | Drawn: SR

Project Number: 561-14-106

Building Number: 1

Drawing Number: P001

Office of Construction and Facilities Management

VA Department of Veterans Affairs

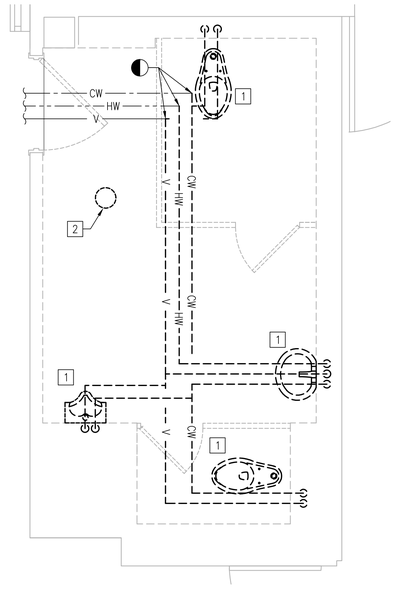
VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID

VA FORM 08-6231

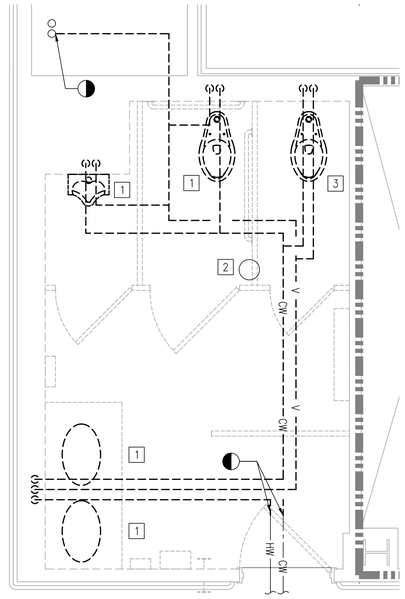
VA CO36C PROJECTS\2017\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561-14-106-P001_Plumb Notes and Symbols.dwg 1-12-20 08:53:35 PM Johnson

three quarters inch = one foot | one eighth inch = one foot | one half inch = one foot | three eighths inch = one foot | one quarter inch = one foot | one inch = one foot | one and one half inches = one foot | three inches = one foot



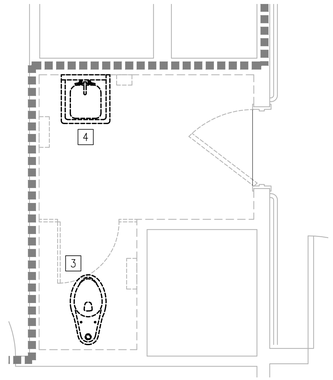
BUILDING 1 - FLOOR 'A'
MEN'S TOILET ROOM A-213
DEMOLITION PLUMBING PLAN

N 1 1/2"=1'-0"



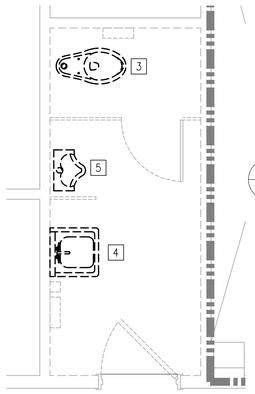
BUILDING 1 - 3rd FLOOR
MEN'S TOILET ROOM 3-183
DEMOLITION PLUMBING PLAN

N 2 1/2"=1'-0"



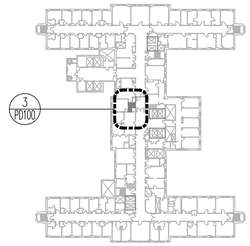
BUILDING 1 - 8th FLOOR
UNISEX TOILET ROOM 8-134
DEMOLITION PLUMBING PLAN

N 3 1/2"=1'-0"

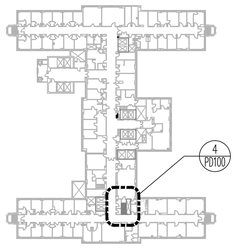


BUILDING 1 - 10th FLOOR
UNISEX TOILET ROOM 10-183
DEMOLITION PLUMBING PLAN

N 4 1/2"=1'-0"



BUILDING 1 -8th FLOOR
KEY PLAN
NTS



BUILDING 1 -10th FLOOR
KEY PLAN
NTS

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL PLUMBING DEMOLITION NOTES

A. ALL DOMESTIC PIPING BEING DEMOLISHED TO MAIN SHALL BE CAPPED AT A DISTANCE OF A MAXIMUM OF 1.5X THE DIAMETER OF THE BRANCH PIPING. NO DEAD END LEGS OR STUBS ARE ALLOWED. REMOVE ABANDONED PIPES AND CAP AT THE MAIN.

B. ALL ASSOCIATED PIPING SHALL INCLUDE, BUT NOT BE LIMITED TO, COLD WATER, HOT WATER, HWC, SANITARY WASTE AND VENT PIPING.

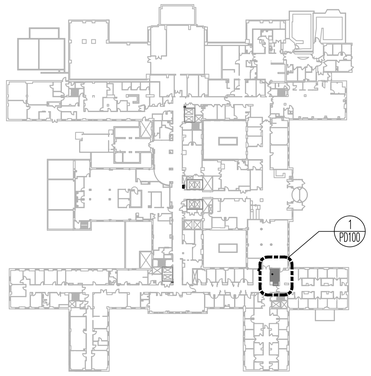
C. REMOVE, RELOCATE AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.

D. PROJECT AREA MAY CONTAIN CONCEALED AREAS OF ACM PIPING INSULATION. DEMOLITION CONTRACTOR SHALL TAKE CARE DURING WORK NOT TO DISTRUB ASBESTOS PIPE INSULATION. ALL INSULATION THAT IS NOT CORK, FOAM OR FIBERGLASS SHOULD BE ASSUMED TO BE ASBESTOS CONTAINING. WHERE ASBESTOS CONTAINING MATERIAL IS FOUND, REFER TO HAZARDOUS MATERIAL DRAWINGS AND ABATEMENT SPECIFICATIONS FOR PROPER REMOVAL.

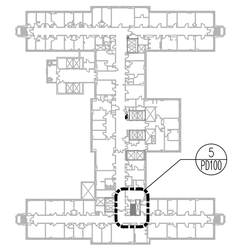
E. CONTRACTOR TO DEMOLISH AND REMOVE SANITARY PIPING BACK TO MAIN. PREPARE SANITARY PIPING FOR RECONNECT. REWORK AND REROUTE PIPING TO FACILITATE SCOPE OF WORK.

[X] PLUMBING DEMOLITION KEY NOTES

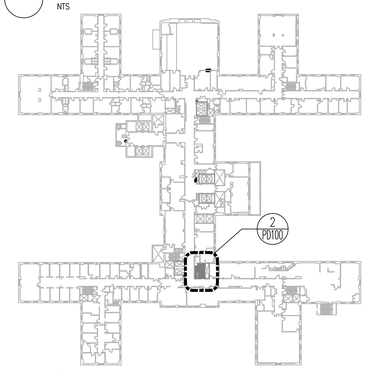
1. DEMOLISH AND REMOVE PLUMBING FIXTURE AND ALL ASSOCIATED PIPING BACK TO MAIN. CAP AND SEAL PIPING IF PIPING IS NOT REUSED.
2. DEMOLISH AND REMOVE FLOOR DRAIN COVER AND PREPARE FLOOR DRAIN FOR NEW COVER.
3. DEMOLISH AND REMOVE EXISTING WATER CLOSET AND ALL ASSOCIATED PIPING TO FACILITATE SCOPE OF WORK. PREPARE FOR NEW PLUMBING FIXTURE INSTALLATION IN THE SAME LOCATION. PREPARE FLOOR AND PIPING FOR NEW FIXTURE.
4. DEMOLISH AND REMOVE EXISTING LAVATORY, SUPPORT, AND ALL ASSOCIATED PIPING TO FACILITATE SCOPE OF WORK. PREPARE FOR NEW PLUMBING FIXTURE INSTALLATION IN THE SAME LOCATION. PREPARE FLOOR AND PIPING FOR NEW FIXTURE.
5. DEMOLISH AND REMOVE EXISTING URINAL, SUPPORT, AND ALL ASSOCIATED PIPING TO FACILITATE SCOPE OF WORK. PREPARE FOR NEW PLUMBING FIXTURE INSTALLATION IN THE SAME LOCATION. PREPARE FLOOR AND PIPING FOR NEW FIXTURE.



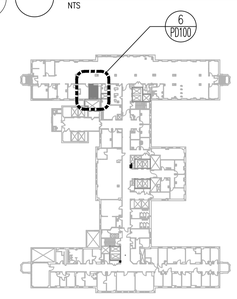
BUILDING 1- FLOOR 'A'
KEY PLAN
NTS



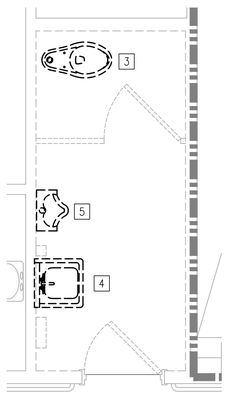
BUILDING 1- 11th FLOOR
KEY PLAN
NTS



BUILDING 1- 3RD FLOOR
KEY PLAN
NTS



BUILDING 1- 13th FLOOR
KEY PLAN
NTS



BUILDING 1 - 11th FLOOR
MEN'S TOILET ROOM 11-169
DEMOLITION PLUMBING PLAN

N 5 1/2"=1'-0"

BUILDING 1 - 13th FLOOR
STORAGE ROOM 13-208
DEMOLITION PLUMBING PLAN

N 6 1/2"=1'-0"

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

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Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING - BUILDING 1- FLOORS 'A', 3, 8, 10, 11, 13 PLUMBING DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: ST | Drawn: SR

Project Number: 561-14-106

Building Number: 1

Drawing Number: PD100

Office of Construction and Facilities Management

VA Department of Veterans Affairs

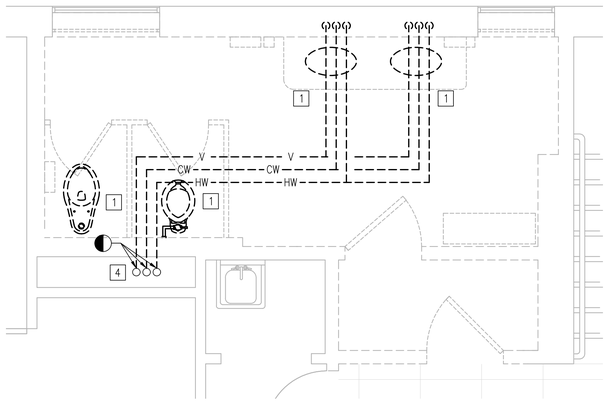
VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID

VA FORM 08-6231

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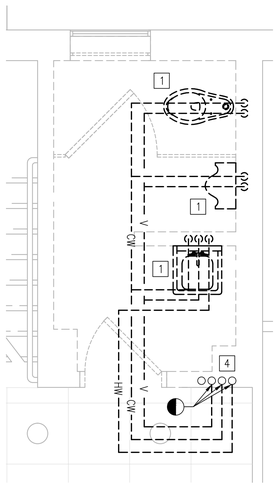
one eighth inch = one foot | one quarter inch = one foot | three eighths inch = one foot | one half inch = one foot | three quarters inch = one foot | one inch = one foot | one and one half inches = one foot | three inches = one foot



N 1

BUILDING 5 - 1st FLOOR
WOMEN'S TOILET ROOM 5-1-106
DEMOLITION PLUMBING PLAN

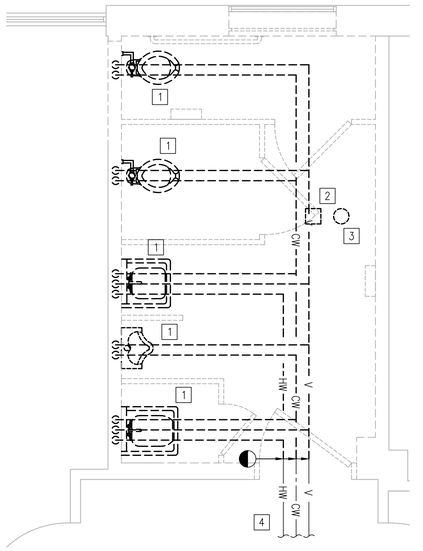
1/2"=1'-0"



N 2

BUILDING 5 - 1st FLOOR
MEN'S TOILET ROOM 5-1-105
DEMOLITION FLOOR PLAN

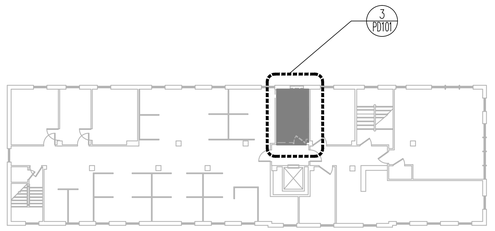
1/2"=1'-0"



N 3

BUILDING 5 - 2nd FLOOR
UNISEX TOILET ROOM 5-2-105
DEMOLITION PLUMBING PLAN

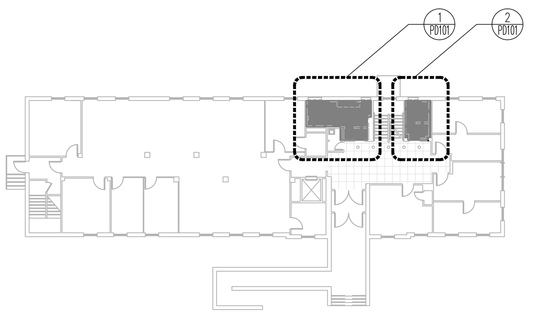
1/2"=1'-0"



N

BUILDING 5 - 2nd FLOOR
KEY PLAN

NTS



N

BUILDING 5 - 1ST FLOOR
KEY PLAN

NTS

FIRE BARRIER LEGEND

- 1 HR. FIRE AND SMOKE BARRIER
- 2 HR. FIRE AND SMOKE BARRIER
- SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL PLUMBING DEMOLITION NOTES

A. ALL DOMESTIC PIPING BEING DEMOLISHED TO MAIN SHALL BE CAPPED AT A DISTANCE OF A MAXIMUM OF 1.5X THE DIAMETER OF THE BRANCH PIPING. NO DEAD END LEGS OR STUBS ARE ALLOWED. REMOVE ABANDONED PIPES AND CAP AT THE MAIN.

B. ALL ASSOCIATED PIPING SHALL INCLUDE, BUT NOT BE LIMITED TO, COLD WATER, HOT WATER, HWC, SANITARY WASTE AND VENT PIPING.

C. REMOVE, RELOCATE AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.

D. PROJECT AREA MAY CONTAIN CONCEALED AREAS OF ACM PIPING INSULATION. DEMOLITION CONTRACTOR SHALL TAKE CARE DURING WORK NOT TO DISTRUB ASBESTOS PIPE INSULATION. ALL INSULATION THAT IS NOT CORK, FOAM OR FIBERGLASS SHOULD BE ASSUMED TO BE ASBESTOS CONTAINING. WHERE ASBESTOS CONTAINING MATERIAL IS FOUND, REFER TO HAZARDOUS MATERIAL DRAWINGS AND ABATEMENT SPECIFICATIONS FOR PROPER REMOVAL.

E. CONTRACTOR TO DEMOLISH AND REMOVE SANITARY PIPING BACK TO MAIN. PREPARE SANITARY PIPING FOR RECONNECT. REWORK AND REROUTE PIPING TO FACILITATE SCOPE OF WORK.

[X] PLUMBING DEMOLITION KEY NOTES

1. DEMOLISH AND REMOVE PLUMBING FIXTURE AND ALL ASSOCIATED PIPING BACK TO MAIN. CAP AND SEAL PIPING IF PIPING IS NOT REUSED.
2. DEMOLISH AND REMOVE FLOOR DRAIN COVER AND PREPARE FLOOR DRAIN FOR NEW COVER.
3. EXISTING CLEANOUT TO REMAIN PROTECT DURING CONSTRUCTION.
4. EXISTING PLUMBING RISERS/MAIN TO REMAIN. PREPARE PIPING FOR NEW CONNECTION. PROTECT DURING CONSTRUCTION.

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:
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700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING - BUILDING 5 - FLOORS 1, 2 PLUMBING DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: ll/JC

Project Number: 561-14-106

Building Number: 5

Drawing Number: PD101

Office of Construction and Facilities Management

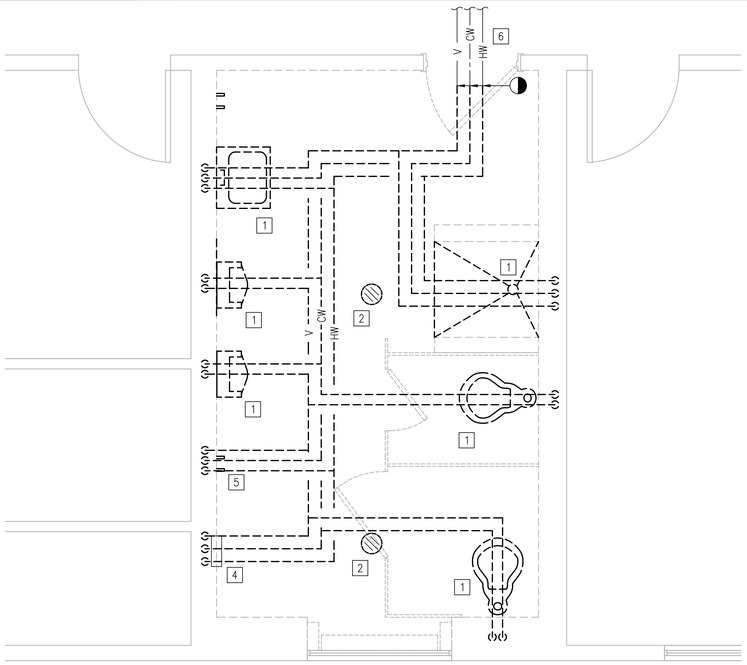
VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID

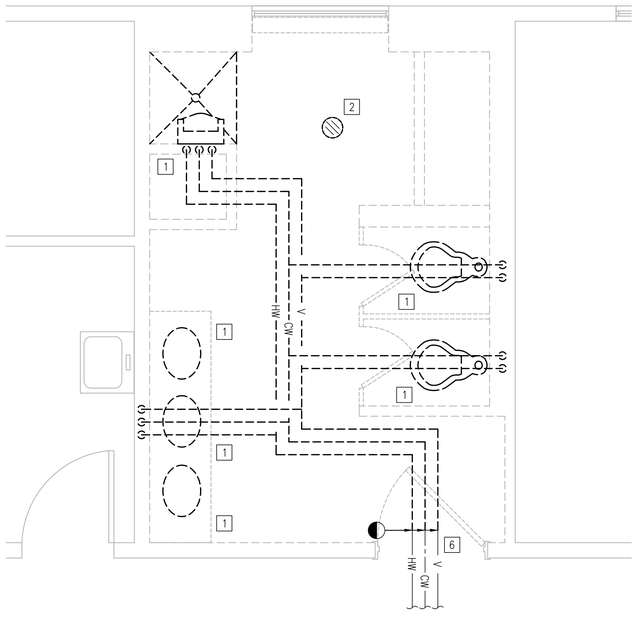
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VA FORM 08-6231



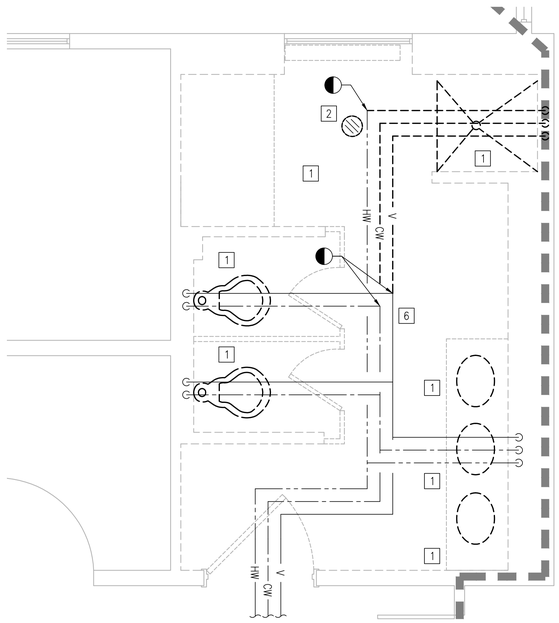
BUILDING 18 - 1st FLOOR
MEN'S TOILET ROOM 18-118
DEMOLITION PLUMBING PLAN

N 1 1/2"=1'-0"



BUILDING 18 - 1st FLOOR
MEN'S TOILET ROOM 18-144
DEMOLITION PLUMBING PLAN

N 2 1/2"=1'-0"



BUILDING 18 - 1st FLOOR
WOMEN'S TOILET ROOM 18-157
DEMOLITION PLUMBING PLAN

N 3 1/2"=1'-0"

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL PLUMBING DEMOLITION NOTES

A. ALL DOMESTIC PIPING BEING DEMOLISHED TO MAIN SHALL BE CAPPED AT A DISTANCE OF A MAXIMUM OF 1.5X THE DIAMETER OF THE BRANCH PIPING. NO DEAD END LEGS OR STUBS ARE ALLOWED. REMOVE ABANDONED PIPES AND CAP AT THE MAIN.

B. ALL ASSOCIATED PIPING SHALL INCLUDE, BUT NOT BE LIMITED TO, COLD WATER, HOT WATER, HWC, SANITARY WASTE AND VENT PIPING.

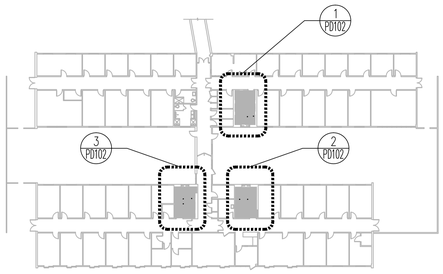
C. REMOVE, RELOCATE AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.

D. PROJECT AREA MAY CONTAIN CONCEALED AREAS OF ACM PIPING INSULATION. DEMOLITION CONTRACTOR SHALL TAKE CARE DURING WORK NOT TO DISTRUB ASBESTOS PIPE INSULATION. ALL INSULATION THAT IS NOT CORK, FOAM OR FIBERGLASS SHOULD BE ASSUMED TO BE ASBESTOS CONTAINING. WHERE ASBESTOS CONTAINING MATERIAL IS FOUND, REFER TO HAZARDOUS MATERIAL DRAWINGS AND ABATEMENT SPECIFICATIONS FOR PROPER REMOVAL.

E. CONTRACTOR TO DEMOLISH AND REMOVE SANITARY PIPING BACK TO MAIN. PREPARE SANITARY PIPING FOR RECONNECT. REWORK AND REROUTE PIPING TO FACILITATE SCOPE OF WORK.

[X] PLUMBING DEMOLITION KEY NOTES

1. DEMOLISH AND REMOVE PLUMBING FIXTURE AND ALL ASSOCIATED PIPING BACK TO MAIN. CAP AND SEAL PIPING IF PIPING IS NOT REUSED.
2. DEMOLISH AND REMOVE FLOOR DRAIN COVER AND PREPARE FLOOR DRAIN FOR NEW COVER.
3. EXISTING CLEANOUT TO REMAIN PROTECT DURING CONSTRUCTION.
4. DEMOLISH AND REMOVE LAUNDRY BOX AND ALL ASSOCIATED PIPING BACK TO MAIN. CAP AND SEAL PIPING BACK TO MAIN.
5. DEMOLISH AND REMOVE ABANDONED PIPING BACK TO MAIN. CAP AND SEAL PIPING.
6. EXISTING PLUMBING RISERS/MAIN TO REMAIN. PREPARE PIPING FOR NEW CONNECTION. PROTECT DURING CONSTRUCTION.



N KEY PLAN - BUILDING 18- 1ST FLOOR
NTS

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
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Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

VA CONTRACT NO. 36C242-18-C-0004

Drawing Title: PLUMBING - BUILDING 18 - FLOOR 1 PLUMBING DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: II/JC

Project Number: 561-14-106

Building Number:

Drawing Number: PD102

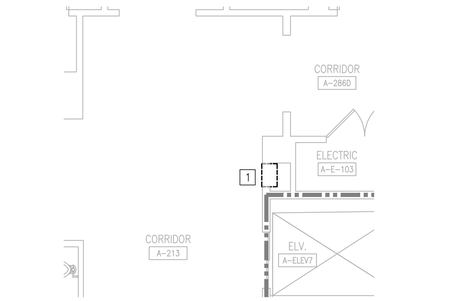
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

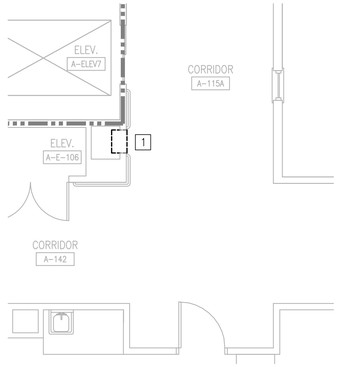
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BUILDING 1
NORTH WING
DEMOLITION PLUMBING PLAN- TYP.

1 1/4"=1'-0"

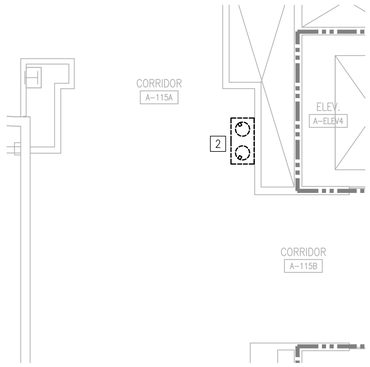
TYPICAL FOR FLOORS:
'A', 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12



BUILDING 1
SOUTH WING
DEMOLITION PLUMBING PLAN- TYP.

3 1/4"=1'-0"

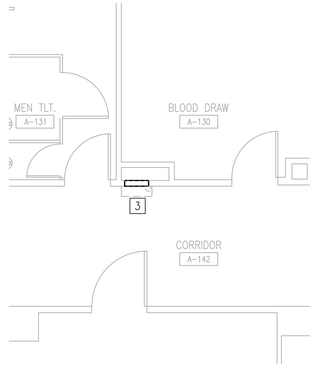
TYPICAL FOR FLOORS:
'A', 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13



BUILDING 1
CORE WING
DEMOLITION PLUMBING PLAN- TYP.

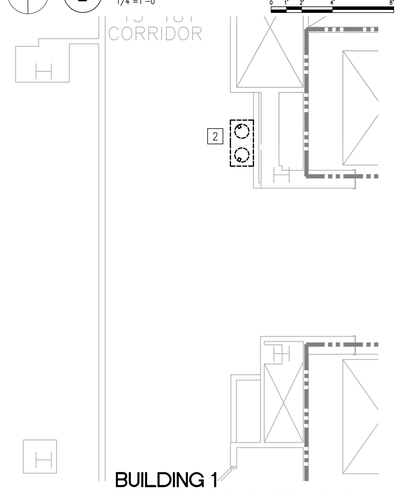
2 1/4"=1'-0"

TYPICAL FOR FLOORS:
'A', 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12



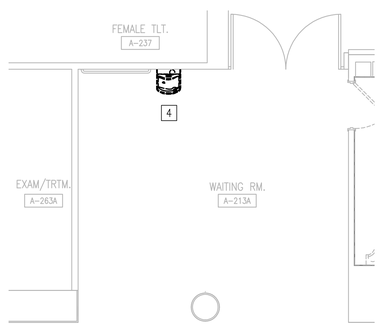
BUILDING 1
FLOOR 'A'- BLOOD DRAW
DEMOLITION PLUMBING PLAN

4 1/4"=1'-0"



BUILDING 1
13TH FLOOR CORE WING
DEMOLITION PLUMBING PLAN

2A 1/4"=1'-0"



BUILDING 1
FLOOR 'A'- WAITING A-213A
DEMOLITION PLUMBING PLAN

5 1/4"=1'-0"

FIRE BARRIER LEGEND

- 1 HR. FIRE AND SMOKE BARRIER
- 2 HR. FIRE AND SMOKE BARRIER
- SMOKE BARRIER

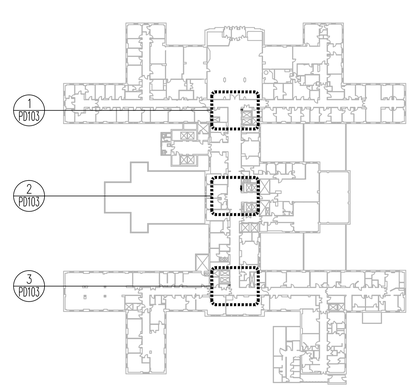
NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL PLUMBING DEMOLITION NOTES

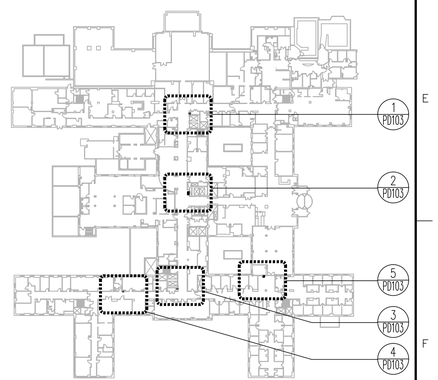
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B. ALL ASSOCIATED PIPING SHALL INCLUDE, BUT NOT BE LIMITED TO, COLD WATER, HOT WATER, HWC, SANITARY WASTE AND VENT PIPING.
C. REMOVE, RELOCATE AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
D. PROJECT AREA MAY CONTAIN CONCEALED AREAS OF ACM PIPING INSULATION. DEMOLITION CONTRACTOR SHALL TAKE CARE DURING WORK NOT TO DISTRUB ASBESTOS PIPE INSULATION. ALL INSULATION THAT IS NOT CORK, FOAM OR FIBERGLASS SHOULD BE ASSUMED TO BE ASBESTOS CONTAINING. WHERE ASBESTOS CONTAINING MATERIAL IS FOUND, REFER TO HAZARDOUS MATERIAL DRAWINGS AND ABATEMENT SPECIFICATIONS FOR PROPER REMOVAL.
E. CONTRACTOR TO DEMOLISH AND REMOVE SANITARY PIPING BACK TO MAIN. PREPARE SANITARY PIPING FOR RECONNECT. REWORK AND REROUTE PIPING TO FACILITATE SCOPE OF WORK.

ELECTRIC WATER COOLER DEMOLITION KEY NOTES

1. DEMOLISH AND REMOVE EXISTING ELECTRIC WATER COOLER (EWC) AND ALL ASSOCIATED PIPING. CAP ALL PIPING BACK TO MAIN.
2. DEMOLISH AND REMOVE EXISTING ELECTRIC WATER COOLER AND ALL ASSOCIATED PIPING BACK TO MAIN ON 13TH FLOOR. PREPARE CHASE/FLOOR FOR NEW PIPE.
3. DEMOLISH AND REMOVE EXISTING PIPING AND ELECTRIC WATER COOLER. PREPARE FOR NEW PIPING TO BE INSTALLED FROM MAIN TO NEW ELECTRIC BOTTLE FILLER.
4. DEMOLISH AND REMOVE ELECTRIC WATER COOLER AND ALL ASSOCIATED PIPING BACK TO MAIN. PREPARE PIPING FOR NEW CONNECTION.



BUILDING 1- 1ST THRU 13 TYP.
KEY PLAN
NTS



BUILDING 1- FLOOR 'A'
KEY PLAN
NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

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Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title
PLUMBING -
BUILDING 1- FLOORS 'A' THRU 13
EWC DEMOLITION PLANS

Approved: Project Director

Project Title
100% CD FOR BID
UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location
EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: JVJ

Project Number: 561-14-106

Building Number: 1

Drawing Number: PD103

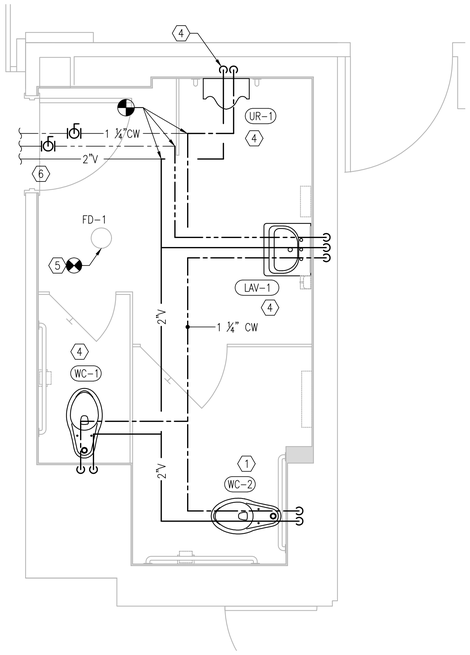
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

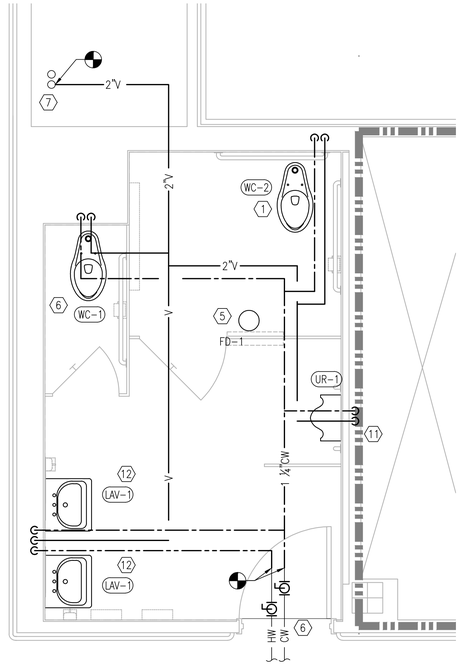
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BUILDING 1 - FLOOR A
MEN'S H.C. TOILET ROOM A-213
PLUMBING PLAN

N 1

1/2"=1'-0"



BUILDING 1 - 3rd FLOOR
MEN'S H.C. TOILET ROOM 3-183
PLUMBING PLAN

N 2

1/2"=1'-0"

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

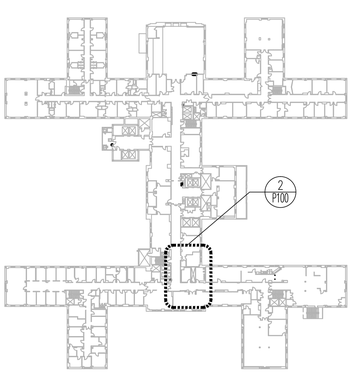
NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL PLUMBING NOTES

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C. REFER TO PLUMBING FIXTURE ROUGH-IN SCHEDULE FOR BRANCH CONNECTION TO FIXTURE.
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E. ALL HORIZONTAL DRAINAGE PIPING 4" OR LARGER SHALL BE PITCHED A MINIMUM OF 1/8" PER FOOT.
F. NO PIPING SHALL BE CONNECTED TO EXISTING CORK LINED PIPING.
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H. SANITARY DOUBLE CROSS TEES SHALL NOT BE ALLOWED.
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K. ALL WATER CLOSETS TO BE PROVIDED WITH A WATER HAMMER ARRESTOR: PRE-CHARGED BELLOWS TYPE, STAINLESS STEEL CONSTRUCTION. CERTIFIED ANSI A112.26.1.M, ASSE 1010, AND PDI. BOD MANUFACTURER: ZURN MODEL Z1700 OR APPROVED EQUAL.

(X) PLUMBING KEY NOTES

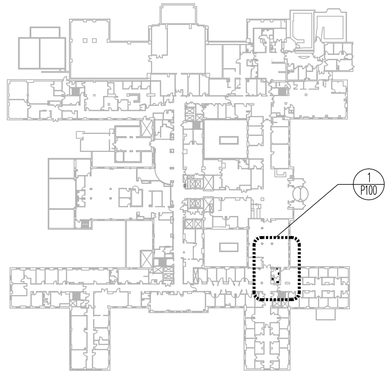
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2. CONTRACTOR TO PROVIDE URINAL WITH SUPPORT IN THE AS SHOWN ON ARCHITECTURAL DRAWINGS. REFER TO PLUMBING MATERIAL LIST FOR MORE INFORMATION.
3. CONTRACTOR TO PROVIDE LAVATORY WITH SUPPORT AS SHOWN ON ARCHITECTURAL DRAWINGS. REFER TO PLUMBING MATERIAL LIST FOR MORE INFORMATION.
4. FURNISH AND INSTALL PLUMBING FIXTURE AS SHOWN ON ARCHITECTURAL DRAWINGS. REWORK AND REROUTE PIPING TO ACCOMMODATE NEW PLUMBING FIXTURE LOCATION. REFER TO PLUMBING MATERIAL LIST FOR MORE INFORMATION.
5. CONTRACTOR TO PROVIDE NEW FLOOR DRAIN COVER TO MATCH EXISTING FLOOR DRAIN.
6. EXISTING PLUMBING RISERS/MAIN TO REMAIN. PROVIDE NEW SHUT-OFF VALVE AS SHOWN.
7. EXISTING PLUMBING RISERS/MAIN TO REMAIN.



BUILDING 1- 3RD FLOOR
KEY PLAN

N

NTS



BUILDING 1- FLOOR 'A'
KEY PLAN

N

NTS

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
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25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

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ARCHITECT + ENGINEERS:

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www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING - BUILDING 1 - FLOORS 'A', 3 PLUMBING PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: ST | Drawn: SR

Project Number: 561-14-106

Building Number: 1

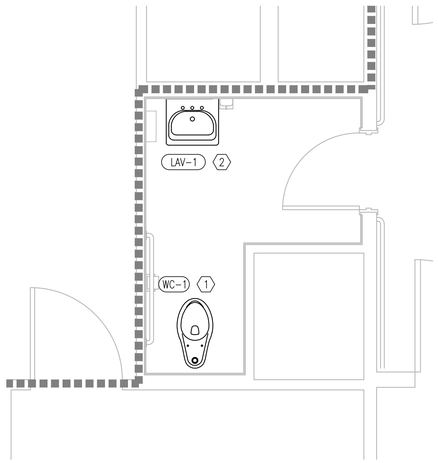
Drawing Number: P100

Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

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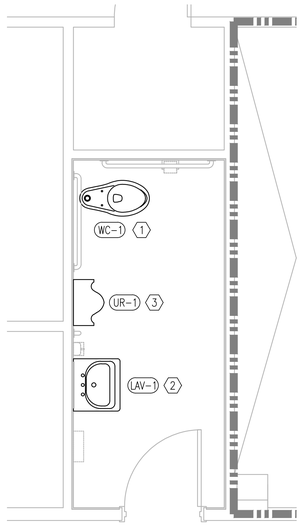
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1

BUILDING 1 - 8th FLOOR UNISEX TOILET ROOM 8-134 PLUMBING PLAN

1/2"=1'-0"

0 1' 2' 4'



N

2

BUILDING 1 - 10th FLOOR UNISEX TOILET ROOM 10-183 PLUMBING PLAN

1/2"=1'-0"

0 1' 2' 4'

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

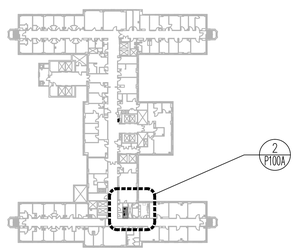
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⟨X⟩ PLUMBING KEY NOTES

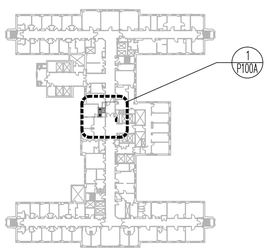
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3. CONTRACTOR TO PROVIDE URINAL WITH SUPPORT IN SAME LOCATION. REWORK AND REROUTE PIPING TO ACCOMMODATE NEW PLUMBING FIXTURE.



N

BUILDING 1- 10TH FLOOR KEY PLAN

NTS



N

BUILDING 1- 8TH FLOOR KEY PLAN

NTS

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
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Revisions:	Date

KEY PLANS

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T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING - BUILDING 1- FLOORS 8, 10 PLUMBING PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: ll/JC

VA CONTRACT NO. 36C242-18-C-0004

Project Number: 561-14-106

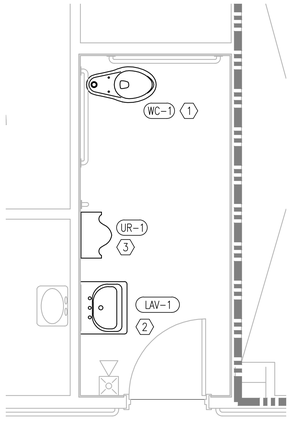
Building Number: 1

Drawing Number: P100A

Office of Construction and Facilities Management

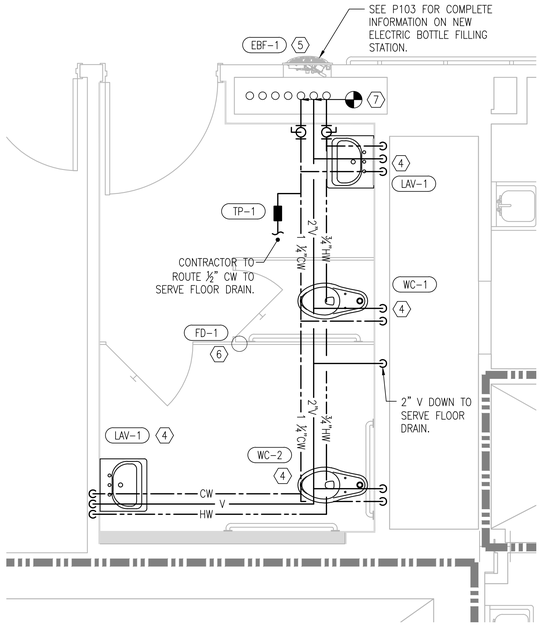
VA Department of Veterans Affairs

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BUILDING 1 - 11th FLOOR
UNISEX TOILET ROOM 11-169
PLUMBING PLAN

1/2"=1'-0"



BUILDING 1 - 13th FLOOR
WOMEN'S H.C. TOILET ROOM 13-208
PLUMBING PLAN

1/2"=1'-0"

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

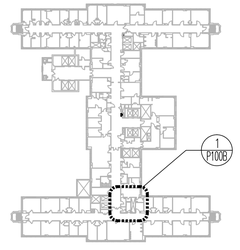
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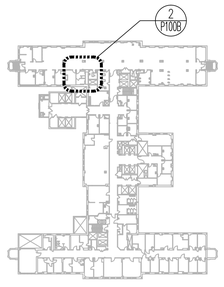
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7. EXISTING PLUMBING RISERS/MAIN TO REMAIN. PROVIDE NEW SHUT-OFF VALVE AS SHOWN.



BUILDING 1- 11TH FLOOR
KEY PLAN

NTS



BUILDING 1- 13TH FLOOR
KEY PLAN

NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com
700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING - BUILDING 1- FLOORS 11, 13 PLUMBING PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: JJ/JC

Project Number: 561-14-106

Building Number: 1

Drawing Number: P100B

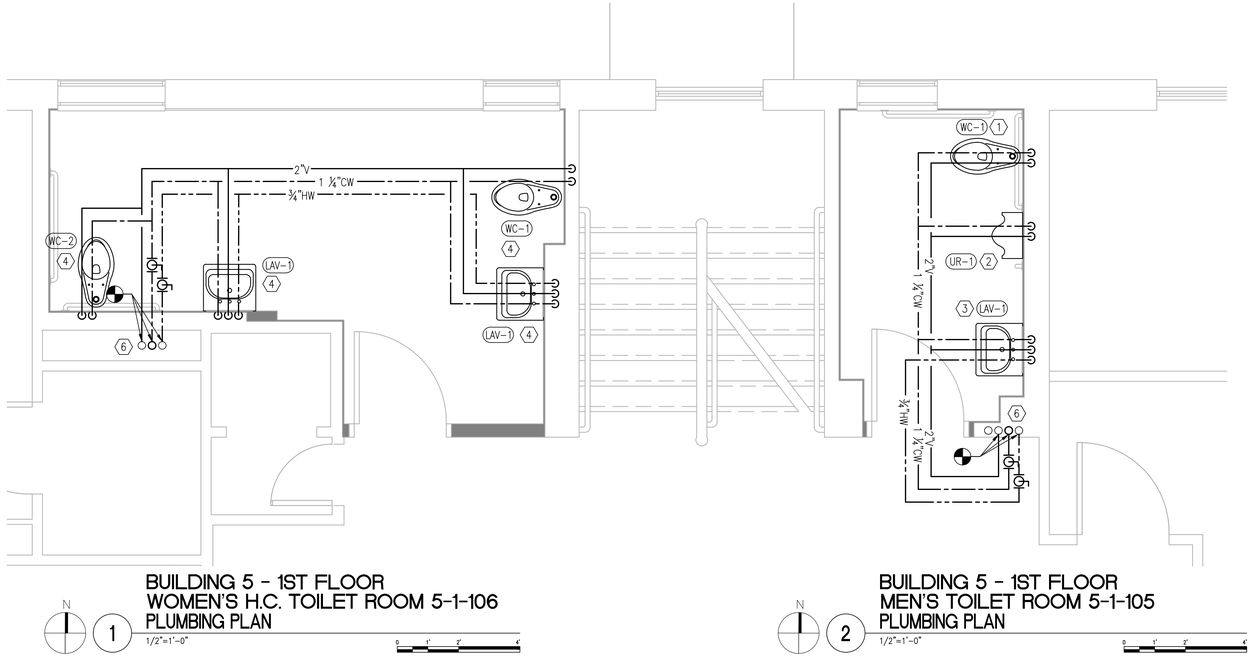
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

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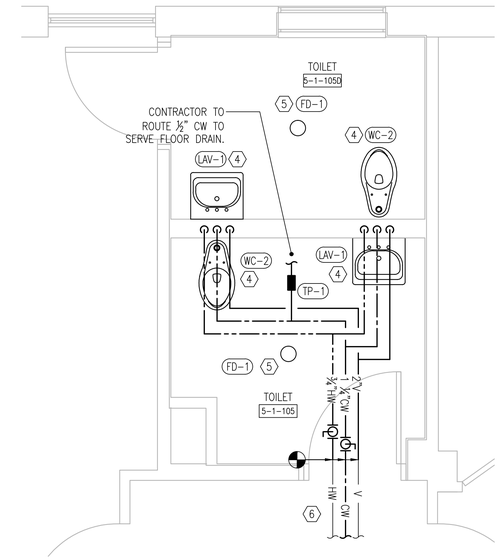
BUILDING 5 - 1ST FLOOR
WOMEN'S H.C. TOILET ROOM 5-1-106
PLUMBING PLAN

1/2"=1'-0"

N 2

BUILDING 5 - 1ST FLOOR
MEN'S TOILET ROOM 5-1-105
PLUMBING PLAN

1/2"=1'-0"



N 3

BUILDING 5 - 2ND FLOOR
UNISEX H.C. TOILET ROOMS 5-2-105/5-2-105D
PLUMBING PLAN

1/2"=1'-0"

FIRE BARRIER LEGEND

- 1 HR. FIRE AND SMOKE BARRIER
- 2 HR. FIRE AND SMOKE BARRIER
- SMOKE BARRIER

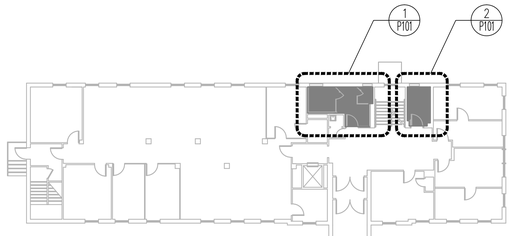
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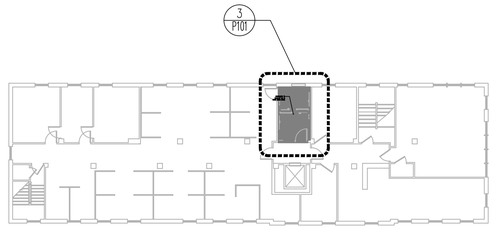
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N

BUILDING 5- 1ST FLOOR
KEY PLAN

NTS



N

BUILDING 5- 2ND FLOOR
KEY PLAN

NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
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T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING - BUILDING 5 - FLOORS 1, 2 PLUMBING PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: JC/JC

Project Number: 561-14-106

Building Number: 5

Drawing Number: P101

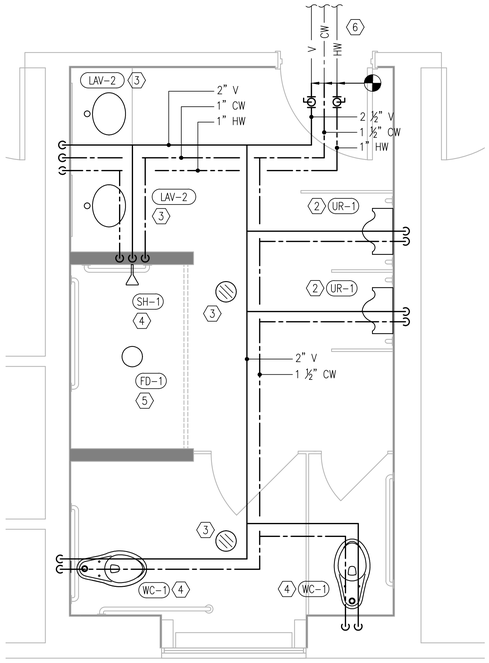
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

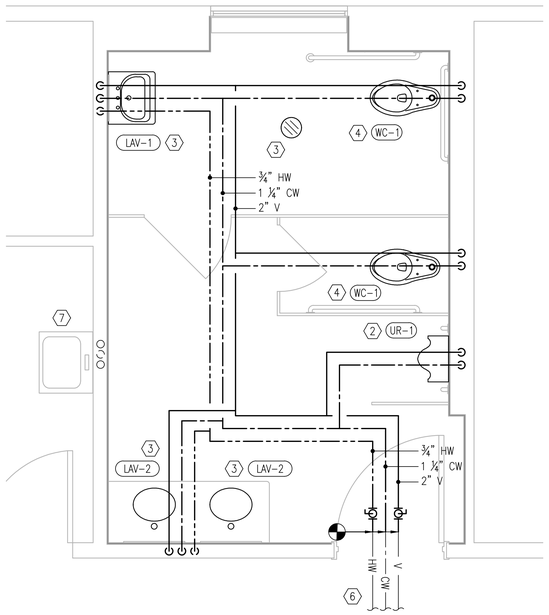
100% CONSTRUCTION DOCUMENTS FOR BID

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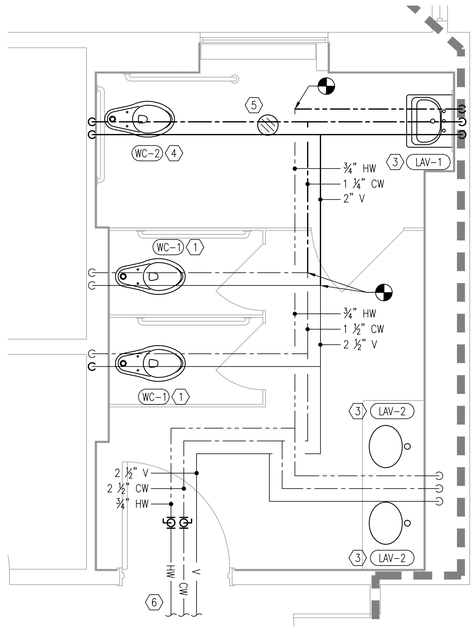
BUILDING 18 - 1st FLOOR
MEN'S H.C. TOILET ROOM 18-118
PLUMBING PLAN

N 1 1/2"=1'-0"



BUILDING 18 - 1st FLOOR
MEN'S H.C. TOILET ROOM 18-144
PLUMBING PLAN

N 2 1/2"=1'-0"



BUILDING 18 - 1st FLOOR
WOMEN'S H.C. TOILET ROOM 18-157
PLUMBING PLAN

N 3 1/2"=1'-0"

FIRE BARRIER LEGEND

1 HR. FIRE AND SMOKE BARRIER

2 HR. FIRE AND SMOKE BARRIER

SMOKE BARRIER

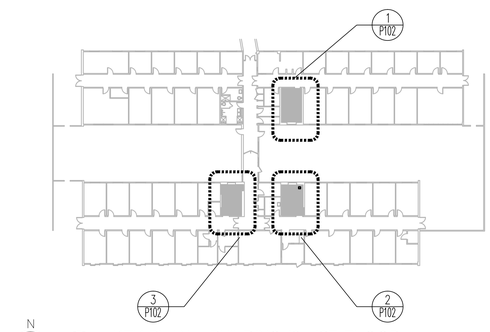
NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL PLUMBING NOTES

A. ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO COLD WATER, HOT WATER, HWC, SANITARY WASTE AND VENT PIPING.
B. PROJECT AREA MAY CONTAIN CONCEALED AREAS OF ACM PIPING INSULATION. DEMOLITION CONTRACTOR SHALL TAKE CARE DURING WORK NOT TO DISTURB ASBESTOS PIPE INSULATION. ALL INSULATION THAT IS NOT CORK, FOAM OR FIBERGLASS SHOULD BE ASSUMED TO BE ASBESTOS CONTAINING. WHERE ASBESTOS CONTAINING MATERIAL IS FOUND, REFER TO HAZARDOUS MATERIAL DRAWINGS AND ABATEMENT SPECIFICATIONS FOR PROPER REMOVAL.
C. REFER TO PLUMBING FIXTURE ROUGH-IN SCHEDULE FOR BRANCH CONNECTION TO FIXTURE.
D. ALL PIPING TO BE 3/4" MINIMUM UNLESS OTHERWISE NOTED.
E. ALL HORIZONTAL DRAINAGE PIPING 4" OR LARGER SHALL BE PITCHED A MINIMUM OF 1/8" PER FOOT.
F. NO PIPING SHALL BE CONNECTED TO EXISTING CORK LINED PIPING.
G. ROUTE ALL PIPING AT EXTERIOR WALLS ON THE INTERIOR SIDE OF THE WALL INSULATION TO PREVENT PIPES FROM FREEZING.
H. SANITARY DOUBLE CROSS TEES SHALL NOT BE ALLOWED.
I. ALL SHUT-OFF VALVES SHALL BE LOCATED IN ACCESSIBLE CEILING AND LABELED PER SPECIFICATIONS.
J. ALL FAUCETS SHALL HAVE THERMOSTATIC MIXING VALVES INSTALLED TO PREVENT SCALDING.
K. ALL WATER CLOSETS TO BE PROVIDED WITH A WATER HAMMER ARRESTOR: PRE-CHARGED BELLOWS TYPE, STAINLESS STEEL CONSTRUCTION. CERTIFIED ANSI A112.26.1.M, ASSE 1010, AND PDI. BOD MANUFACTURER: ZURN MODEL Z1700 OR APPROVED EQUAL.

(X) PLUMBING KEY NOTES

1. CONTRACTOR TO PROVIDE FLOOR MOUNTED WATER CLOSET IN THE SAME LOCATION. REWORK AND REROUTE PIPING TO ACCOMMODATE PLUMBING FIXTURE.
2. FURNISH AND INSTALL URINAL AS SHOWN ON ARCHITECTURAL DRAWINGS. REWORK AND REROUTE PIPING TO ACCOMMODATE NEW PLUMBING FIXTURE LOCATION. REFER TO PLUMBING MATERIAL LIST FOR MORE INFORMATION.
3. FURNISH AND INSTALL LAVATORY AS SHOWN ON ARCHITECTURAL DRAWINGS. REWORK AND REROUTE PIPING TO ACCOMMODATE NEW PLUMBING FIXTURE LOCATION. REFER TO PLUMBING MATERIAL LIST FOR MORE INFORMATION.
4. FURNISH AND INSTALL PLUMBING FIXTURE AS SHOWN ON ARCHITECTURAL DRAWINGS. REWORK AND REROUTE PIPING TO ACCOMMODATE NEW PLUMBING FIXTURE LOCATION. REFER TO PLUMBING MATERIAL LIST FOR MORE INFORMATION.
5. FURNISH AND INSTALL FLOOR DRAIN PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE TRAP PRIMER TO SERVE FLOOR DRAIN.
6. EXISTING PLUMBING RISERS/MAIN TO REMAIN.
7. EXISTING SINK TO REMAIN. CONTRACTOR TO MAKE ANY FINAL CONNECTIONS IF NEEDED.



N KEY PLAN - BUILDING 18- 1ST FLOOR
NTS

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING- BUILDING 18 - FLOOR 1 PLUMBING PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: ll/JC

Project Number: 561-14-106

Building Number:

Drawing Number: P102

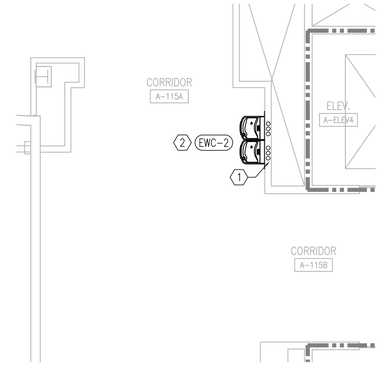
Office of Construction and Facilities Management

VA Department of Veterans Affairs

K:\CCC_PROJECTS\2017\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561-14-106-P102_BLDG 18 PLUMB NEW.dwg 1-12-20 09:00:41 PM AJohnson

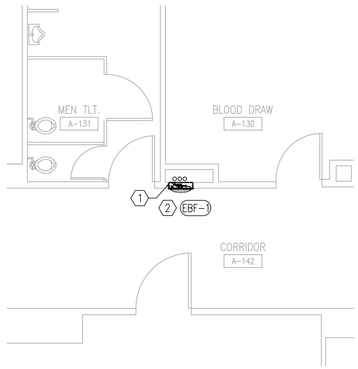
VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

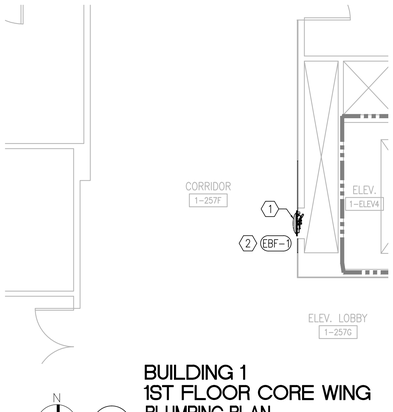


BUILDING 1
CORE WING- TYP.
PLUMBING PLAN
1/4"=1'-0"

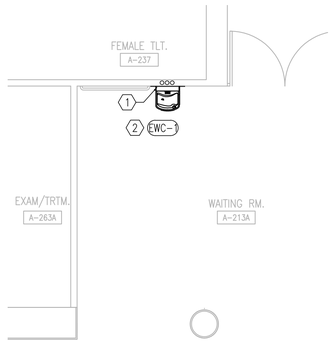
TYPICAL FOR FLOORS:
'A', 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12



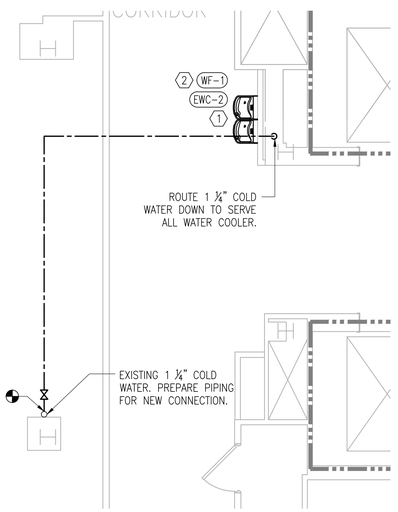
BUILDING 1
FLOOR 'A'- BLOOD DRAW
PLUMBING PLAN
1/4"=1'-0"



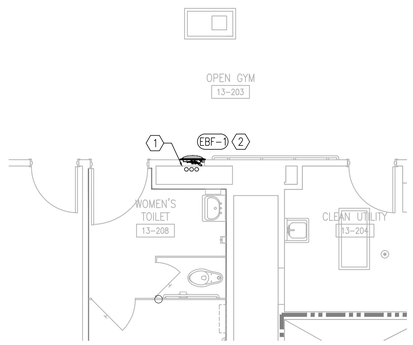
BUILDING 1
1ST FLOOR CORE WING
PLUMBING PLAN
1/4"=1'-0"



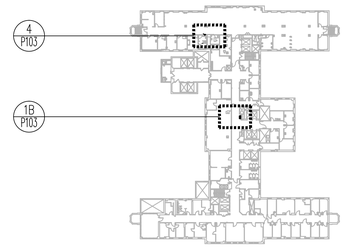
BUILDING 1
FLOOR 'A'- WAITING A-213A
PLUMBING PLAN
1/4"=1'-0"



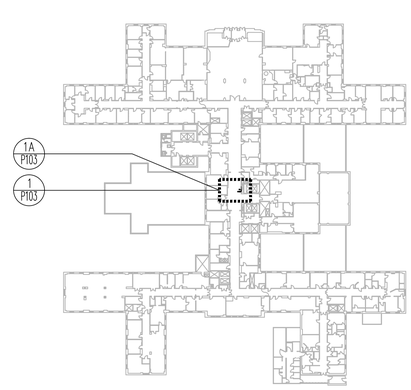
BUILDING 1
13TH FLOOR CORE WING
PLUMBING PLAN
1/4"=1'-0"



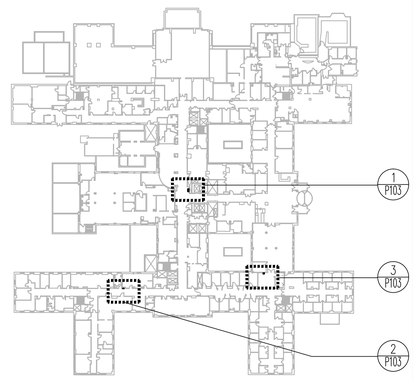
BUILDING 1
13TH FLOOR- OPEN GYM 13-203
PLUMBING PLAN
1/4"=1'-0"



BUILDING 1- 13TH FLOOR
KEY PLAN
NTS



BUILDING 1- 1ST THRU 12 TYP.
KEY PLAN
NTS



BUILDING 1- FLOOR 'A'
KEY PLAN
NTS

FIRE BARRIER LEGEND

- 1 HR. FIRE AND SMOKE BARRIER
- 2 HR. FIRE AND SMOKE BARRIER
- SMOKE BARRIER

NOTE: TYPICAL FLOOR HAS 2 HR. FIRE BARRIER RATING

GENERAL NOTES

A. ALL DOMESTIC PIPING BEING DEMO TO MAIN SHALL BE CAPPED AT 1.5x THE DIAMETER OF THE BRANCH PIPING. NO DEAD END OR STUBS ARE ALLOWED IN DOMESTIC WATER PIPING. ALL DEAD END PIPING MUST BE CAPPED.

B. REFER TO PLUMBING FIXTURE ROUGH-IN SCHEDULE FOR BRANCH CONNECTION TO FIXTURE.

C. ALL PIPING TO BE ¾" MINIMUM UNLESS OTHERWISE NOTED.

D. ALL ASSOCIATED PIPING SHALL INCLUDE BUT NOT BE LIMITED TO CW, HW, HWC, SANITARY, AND VENT PIPING.

(X) PLUMBING KEY NOTES

1. CONNECT 3/4" COLD WATER, 1-1/2" VENT AND 1-1/2" WASTE TO NEW EWC-1,2. CONNECT 1-1/2" WASTE TO EXISTING WASTE PIPE AT CEILING BELOW. PROVIDE NEW SHUT OFF VALVES ON COLD CONNECTIONS TO FIXTURE.
2. FURNISH AND INSTALL WATER FILTER PER MANUFACTURER INSTALLATION INSTRUCTIONS. PROVIDE SHUT OFF VALVES, UNIONS, AND ETC TO FACILITATE REMOVING AND REPLACING FILTER AS REQUIRED.

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

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T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING - BUILDING 1- FLOORS 'A' THRU 13 EWC PLUMBING PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: JVJ

Project Number: 561-14-106

Building Number: 1

Drawing Number: P103

Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA CONTRACT NO. 36C242-18-C-0004

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

three inches = one foot | one and one half inches = one foot | one inch = one foot | three quarters inch = one foot | one half inch = one foot | three eighths inch = one foot | one quarter inch = one foot | one eighth inch = one foot
K:\CCS_PROJECTS\2017\V7-113 36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561414106-P103_BLDG 1_EWC - NEW.dwg 1-12-20 09:02:16 PM Johnson

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL	DOMESTIC COLD WATER	DOMESTIC HOT WATER	SANITARY	VENT	REMARKS
CO-1	FLOOR CLEANOUT	ZURN	Z1400	-	-	-	-	EXTRA HEAVY DUTY LEVEL-TROL ADJUSTABLE FLOOR CLEANOUT. DURA-COATED CAST IRON BODY WITH GAS AND WATERTIGHT ABS TAPERED THREAD PLUG AND ROUND SCORIATED CAST IRON SECURED TOP.
FCO-1	FLOOR CLEANOUT	ZURN	Z1400	-	-	-	-	EXTRA HEAVY DUTY LEVEL-TROL ADJUSTABLE FLOOR CLEANOUT. DURA-COATED CAST IRON BODY WITH GAS AND WATERTIGHT ABS TAPERED THREAD PLUG AND ROUND SCORIATED CAST IRON SECURED TOP.
FD-1	FLOOR DRAIN	ZURN	Z415B	-	-	2"	1 1/2"	DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH SEEPAGE SLOTS AND TYPE B POLISHED NICKEL BRONZE, LIGHT DUTY STRAINER, TRAP PRIMER CONNECTION, VANDAL-PROOF SECURED TOP.
LAV-1	LAVATORY	AMERICAN STANDARD FAUCET	0124.024 9128201.002	1/2"	1/2"	1 1/2"	1 1/2"	ACCESSIBLE WALL MOUNTED, WHITE VITREOUS CHINA, FRONT OVERFLOW, FAUCET HOLE 4" ON CENTER, OVERALL DIMENSIONS 20" x 18 1/4" x 6 1/2". FAUCET CHROME PLATED SOLID BRASS CONSTRUCTION DECK MOUNTED WITH 4" FIXED CENTERS, 0.5GPM, VANDAL PROOF NON-AERATING SPRAY, 2 3/8" METAL VANDAL-PROOF LEVER HANDLES, STAINLESS STEEL HOSE, PROVIDE INSULATION PREMANUFACTURED FOR P-TRAP, STOP VALVE, ANS SUPPLY LINES. MOUNT TRANSFORMER IN ACCESSIBLE LOCATION. APPROVED ASME AND ANSI ADA COMPLAINT. THERMOSTATIC MIXING VALVE, ALL BRONZE, BRASS AND STAINLESS STEEL CONSTRUCTION. UNION INLETS WITH STRAINERS AND CHECK STOPS, DIAL THERMOMETER ON OUTLET.
LAV-2	LAVATORY	AMERICAN STANDARD FAUCET	9128201.002	1/2"	1/2"	1 1/2"	1 1/2"	LAVATORY INTERGAL WITH COUNTER. FAUCET CHROME PLATED SOLID BRASS CONSTRUCTION DECK MOUNTED WITH 4" FIXED CENTERS, 0.5GPM, VANDAL PROOF NON-AERATING SPRAY, 2 3/8" METAL VANDAL-PROOF LEVER HANDLES, STAINLESS STEEL HOSE, PROVIDE INSULATION PREMANUFACTURED FOR P-TRAP, STOP VALVE, ANS SUPPLY LINES, MOUNT TRANSFORMER IN ACCESSIBLE LOCATION. APPROVED ASME AND ANSI ADA COMPLAINT. THERMOSTATIC MIXING VALVE, ALL BRONZE, BRASS AND STAINLESS STEEL CONSTRUCTION. UNION INLETS WITH STRAINERS AND CHECK STOPS, DIAL THERMOMETER ON OUTLET.
UR-1	URINAL FLUSH VALVE	AMERICAN STANDARD SLOAN	6590.001 186	3/4"	-	2"	1 1/2"	ACCESSIBLE WALL MOUNTED, WHITE VITREOUS CHINA, WASHOUT FLUSH ACTION, , ENLONGATED RIM, 3/4" TOP SPUD, 2" OUTLET. EXPOSED FLUSH VALVE POLISHED CHROME, MANUAL FLUSH VALVE, 0.5 GALLONS PER FLUSH, 11 1/2" ROUGH-IN, 3/4" TOP SPUD, 3/4" I.P.S ANGLE STOP WITH BACK-FLOW PROTECTION, VANDAL-RESISTANT CAP, 3/4" VACUUM BREAKER, SPUD COUPLING AND FLANGE, CHEMICAL RESISTANT EPDM SEALS.
WCO-1	WALL CLEANOUT	ZURN	Z1441	-	-	-	-	DURA-COATED CAST IRON BODY, GAS AND WATERTIGHT ABS TAPERED THREAD PLUG, AND ROUND, SMOOTH STAINLESS STEEL ACCESS COVER WITH SECURING SCREW.
WC-1	WATER CLOSET	AMERICAN STANDARD SLOAN FAUCET	2855.128 111	1 1/4"	-	4"	2"	FLOOR MOUNTED ELONGATED BOTTOM OUTLET, WHITE VITEROUS CHINA, DIRECT-FED SIPHON JET ACTION, 1 1/2" TOP SPUD, 2 BOLTS CAPS, 15" RIM HEIGHT. FLUSH VALVE ENLONGATED EXTRA HEAVY DUTY COMMERICAL TOILET SEAT WHITE IN COLOR, OPEN FRONT TOILET SEAT LESS COVER, INJECTION MOLDED SOLID POLYPROPYLENE, ANTI-MICROBIAL, 304 STAINLESS STEEL CHECK HINGE. EXPOSED MANUAL OPERATION, 1.28 GALLONS PER FLUSH, 11-1/2" ROUGH-IN, CHROME PLATED, 1" I.P.S. SCREWDRIVER STOP CHECK VALVE WITH VANDAL RESISTANT, HIGN BACK PRESSURE VACUUM BREAKER FLUSH CONNECTION, SPUD COUPLING AND FLANGE FOR 1-1/2" TOP SPUD, NON-HOLD-OPEN HANDLE, AND CHLORAMINE RESISTANCE.
WC-2	WATER CLOSET	AMERICAN STANDARD SLOAN FAUCET	2854.128 111	1 1/4"	-	4"	2"	FLOOR MOUNTED ELONGATED BOTTOM OUTLET, WHITE VITEROUS CHINA, DIRECT-FED SIPHON JET ACTION, 1 1/2" TOP SPUD, 2 BOLTS CAPS, 16 1/2" RIM HEIGHT ACCESSIBLE. FLUSH VALVE ENLONGATED EXTRA HEAVY DUTY COMMERICAL TOILET SEAT WHITE IN COLOR, OPEN FRONT TOILET SEAT LESS COVER, INJECTION MOLDED SOLID POLYPROPYLENE, ANTI-MICROBIAL, 304 STAINLESS STEEL CHECK HINGE. EXPOSED MANUAL OPERATION, 1.28 GALLONS PER FLUSH, 11-1/2" ROUGH-IN, CHROME PLATED, 1" I.P.S. SCREWDRIVER STOP CHECK VALVE WITH VANDAL RESISTANT, HIGN BACK PRESSURE VACUUM BREAKER FLUSH CONNECTION, SPUD COUPLING AND FLANGE FOR 1-1/2" TOP SPUD, NON-HOLD-OPEN HANDLE, AND CHLORAMINE RESISTANCE.
EWC-1	ELECTRIC WATER COOLER	ELKAY	EZS8L	1/2"	-	1 1/2"	1 1/2"	ONE STATION WALL MOUNTED WATER COOLERS BOTTLE FILLING STATION BARRIER-FREE ACCESS, CONSTRUCTION GALVANIZED STEEL CHASIS SUPPORT WITH A STAINLESS STEEL BASIN. EASY TOUCH CONTROL ON FRONT, BUILT-IN REGULATOR AND DRAIN AND ENCLOSED ADJUSTABLE THERMOSTAT, BOTTLE FILLER SHALL PROVIDE 1.1 GPM FLOW RATE WITH LAMINAR FLOW, COMPRESSOR HERMETICALLY-SEALED, RECIPROCATING TYPE, REFRIGERANT HFC-134a, SINGLE PHASE 115V, 370 WATTS. APPROVED ANSI AND UL. ADA COMPLIANT.
EWC-2	ELECTRIC WATER COOLER	ELKAY	EZSTL8LC	1/2"	-	1 1/2"	1 1/2"	TWO STATION WALL MOUNTED WATER COOLERS BOTTLE FILLING STATION BARRIER-FREE ACCESS, CONSTRUCTION GALVANIZED STEEL CHASIS SUPPORT WITH A STAINLESS STEEL BASIN. EASY TOUCH CONTROL ON FRONT, BUILT-IN REGULATOR AND DRAIN AND ENCLOSED ADJUSTABLE THERMOSTAT, BOTTLE FILLER SHALL PROVIDE 1.1 GPM FLOW RATE WITH LAMINAR FLOW, COMPRESSOR HERMETICALLY-SEALED, RECIPROCATING TYPE, REFRIGERANT HFC-134a, SINGLE PHASE 115V, 370 WATTS. APPROVED ANSI AND UL. ADA COMPLIANT.
EBF-1	ELECTRIC BOTTLE FILLER	ELKAY	LZWSM8K	1/2"	-	1 1/2"	1 1/2"	BOTTLE FILLING STATION, FILTERED 8 GPH, STAINLESS STEEL FINISH, VISUAL FILTER MONITOR, LAMINAR FLOW, ANTIMICROBIAL, DRAIN, WALL MOUNTED WITH MOUNTING FRAME. HERMETICALLY-SEALED, RECIPROCATING TYPE, REFRIGERANT HFC-134a, SINGLE PHASE 115V, 370 WATTS. APPROVED ANSI AND UL. ADA COMPLIANT.
SH-1	SHOWER VALVE	SYMMONS	1-25-FSB	3/4"	3/4"	-	-	HAND SHOWER WITH 30 INCH ADJUSTABLE SLIDE BAR, POLISHED CHROME FINISH, 1.5 GPM FLOW RESTRICTOR, 5 FOOT FLEXIBLE METAL HOSE, INLINE VACUUM BREAKER, WALL CONNECTION AND FLANGE, ELEVATED VACUUM BREAKER, VANDAL RESISTANT ESCUTCHEON SCREWS, DIAL THERMOMETER, ASME A112.18.1 AND ASSE 1016 LISTED
WF-1	WATER FILTER	PALL-AQUASAFE	AQINA	-	-	-	-	FILTER HOUSING MATERIAL UTILIZES SILVER TECHNOLOGY, QUICK CONNECT INLET AND OUTLET PORTS, DOUBLE LAYER STERILIZING GRADE, MAXIMUM OPERATING PRESSURE 75 PSI @ 140F
TP-1	TRAP PRIMER	PRECISION PLUMBING PRODUCTS	PR-500	1/2"	-	-	-	PRESSURE DROP ACTIVATED, 1/2" MALE NPT INLET, 1/2" FEMALE NPT OUTLET, AUTOMATIC PRESSURE DROP, CONSTRUCTED OF 360 BRASS, EPDM E70 O-RINGS
WHA-1	WATER HAMMER ASSESTER	ZURN	Z1700	-	-	-	-	WATER HAMMER ARRESTORS ALL STAINLESS STEEL CONTRUCTION. PRE-CHARGED, HERMETICALY SEALED BELLOWS TYPE. APPROVED PDI, ANSI, AND ASSE.

NOTES:

1. SIZES LISTED ARE MINIMUM CONNECTIONS REQUIRED TO FIXTURES.

VA CONTRACT NO. 36C242-18-C-0004

Revisions	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
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25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
www.bancroft-ae.com

700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362
www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING - SCHEDULES

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: ST | Drawn: SR

Project Number: 561-14-106

Building Number: 1

Drawing Number: P201

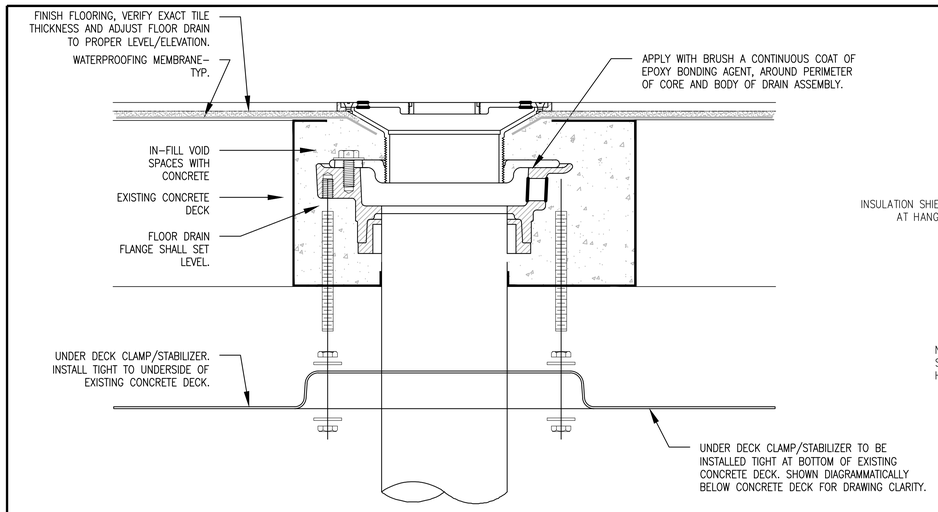
Office of Construction and Facilities Management

VA Department of Veterans Affairs

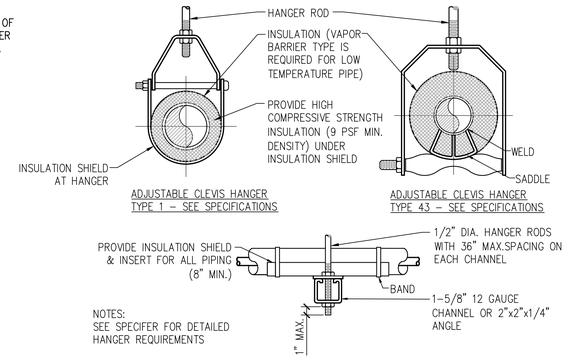
VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID

K:\COS_PROJECTS\2017\17-113_36C242180004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561414106-P201_Plumb Schedules.dwg 1-12-20 09:08:03 PM Johnson



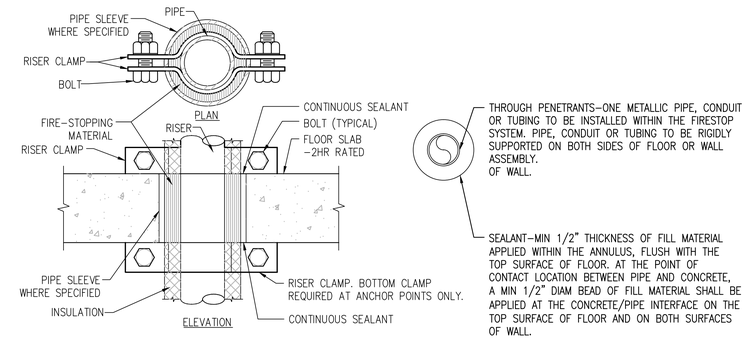
1 FLOOR DRAIN INSTALLATION DETAIL
NTS



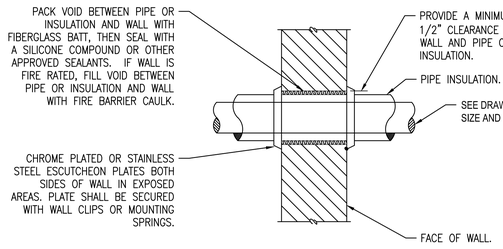
SIDE VIEW TRAPEZE HANGER FOR UP TO 1000 LB. UNIFORM LOAD

MAXIMUM PIPE/TUBING SUPPORT SPACING									
NOM. SIZE IN.	THRU 3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
PIPE FT.	7	7	7	9	10	11	12	14
TUBING FT.	5 FT	6	7	8	8	9	10	12
NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE								

2 PIPE HANGERS
NTS



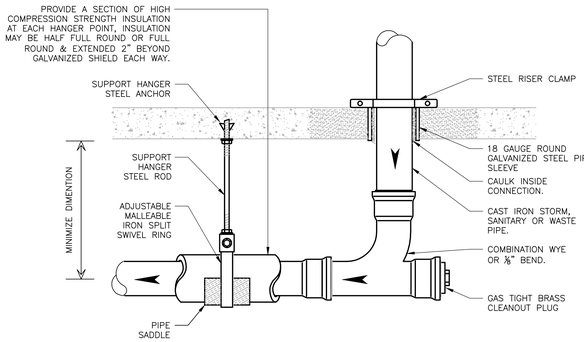
3 SUPPORT/ANCHOR FOR PIPE RISERS
NTS



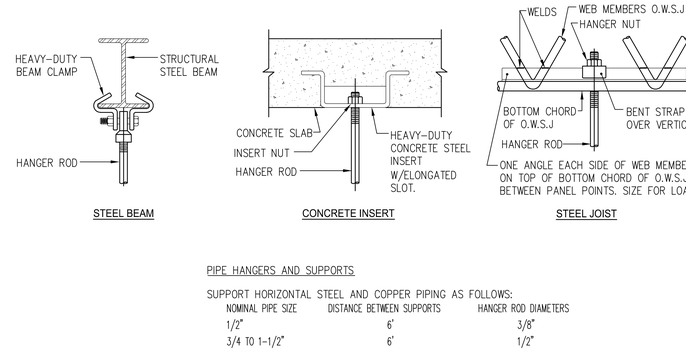
NOTES:

1. I.D. OF WALL OPENING TO BE A MIN. OF 1/2" LARGER THAN O.D. OF PIPE OR INSULATION PASSING THROUGH WALL.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THEIR WALL OPENINGS WITH OTHER TRADES AND/OR CONTRACTORS.
3. PIPE PENETRATIONS OF SMOKE OR FIRE WALLS SHALL BE IN COMPLIANCE WITH NFPA–90A.

4 PIPE PENETRATION OF INTERIOR WALL DETAIL
NTS



5 SUSPENDED DRAINAGE CLEANOUT DETAIL
NTS



PIPE HANGERS AND SUPPORTS

SUPPORT HORIZONTAL STEEL AND COPPER PIPING AS FOLLOWS:

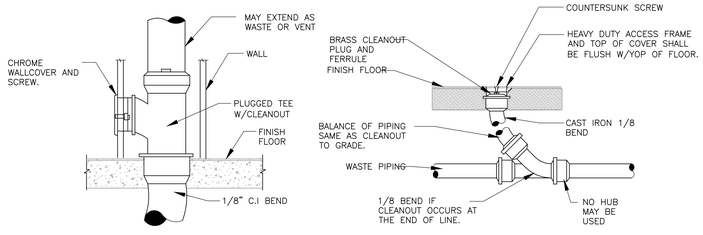
NOMINAL PIPE SIZE	DISTANCE BETWEEN SUPPORTS	HANGER ROD DIAMETERS
1/2"	6'	3/8"
3/4 TO 1–1/2"	6'	1/2"
2" TO 2–1/2"	10'	1/2"
3" AND 4"	12'	5/8"
6" TO 12"	14'	7/8"

PLACE HANGER WITHIN 1 FOOT OF EACH HORIZONTAL ELBOW. SUPPORT HORIZONTAL SOIL WASTE AND STORM PIPE NEAR HUB, WITH 5 FEET MAXIMUM SPACING BEWTEEN HANGERS.
VERTICAL PIPING:

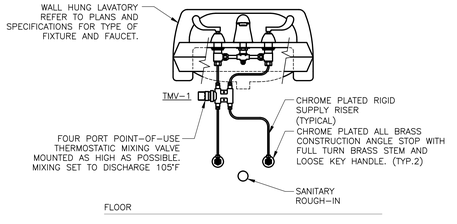
1. SUPPORT VERTICAL WATER PIPING AT EVERY FLOOR.
2. SUPPORT VERTICAL SOIL PIPE AT HUB.

WHERE SEVERAL PIPES CAN BE INSTALLED IN PARALLEL AND AT SAME ELEVATION PROVIDE MULTIPLE OR TRAPEZE HANGERS. WHERE PRACTICAL, SUPPORT RISER PIPING INDEPENDENTLY OF CONNECTED HORIZONTAL PIPING.

6 ANCHOR SUPPORT DETAILS
NTS



7 WALL / FLOOR CLEANOUTS
NTS



8 LAVATORY MIXING VALVE DETAIL
NTS

NOTE:

1. SEE ARCHITECTURAL DRAWINGS FOR LAVATORY MOUNTING HEIGHTS.
2. P–TRAP, TAIL PIECE, AND WASTE ARM NOT SHOWN FOR CLARITY.
3. FOR HANDICAP LAVATORY INSTALLATION ALL WASTE PIPING UNDER SINK SHALL BE WRAPPED WITH PROTECTIVE PIPE COVERS.
4. FOR HANDICAP LAVATORY INSTALLATION ANGLE STOP VALVES AND SUPPLY RISERS SHALL BE WRAPPED WITH PROTECTIVE PIPE COVERS. SUPPLY RISERS SHALL BE WRAPPED FROM STOP VALVES TO MIXING VALVE. ENDS OF PROTECTIVE WRAP SHALL BE CUT SQUARE AND TIE WRAPPED CLOSED.

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
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700 Nicholas Blvd, Suite 300
Elk Grove Village, IL 60007
T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING - DETAILS

Approved: Project Director

VA CONTRACT NO. 36C242-18-C-0004

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: ST | Drawn: SR

Project Number: 561-14-106

Building Number: 1

Drawing Number: P401

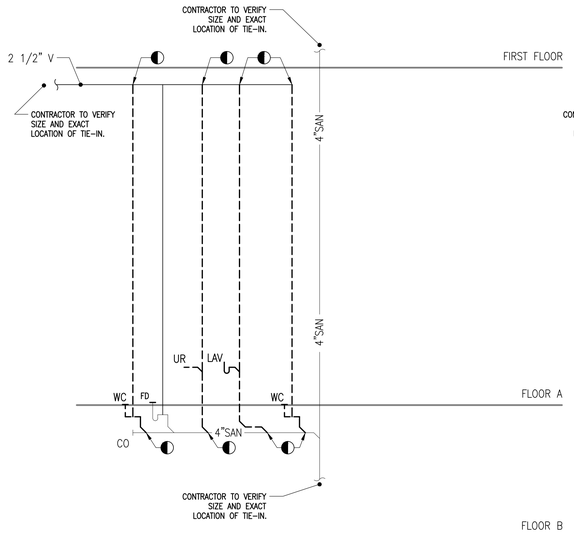
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

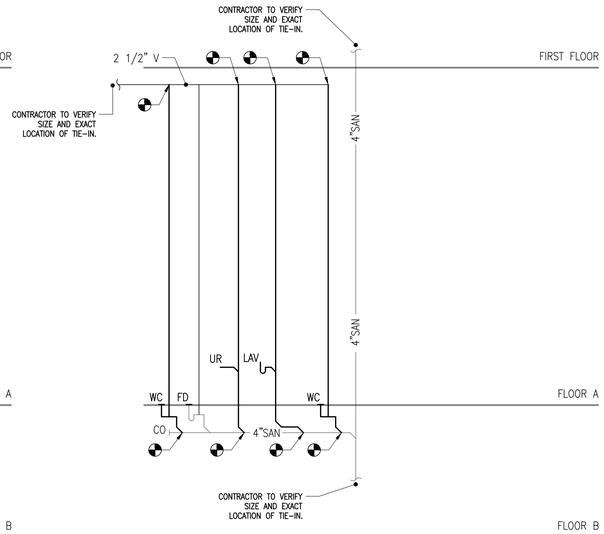
100% CONSTRUCTION DOCUMENTS FOR BID

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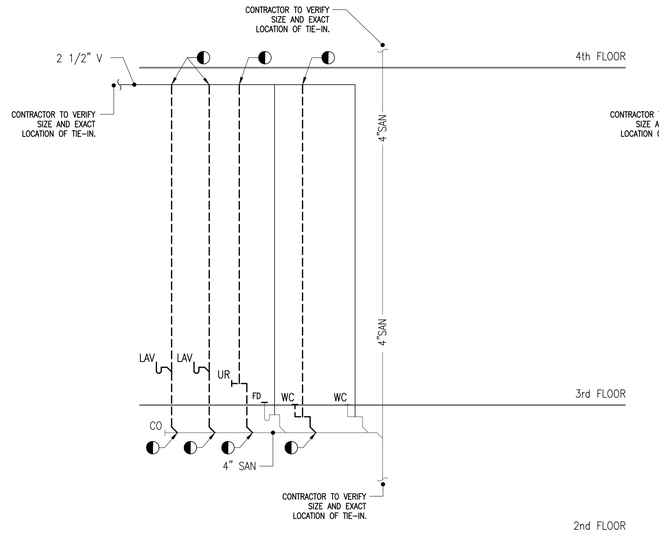
BUILDING 1 - FLOOR 'A'
MEN'S TOILET ROOM A-213
DEMOLITION RISER DIAGRAM

1 NTS



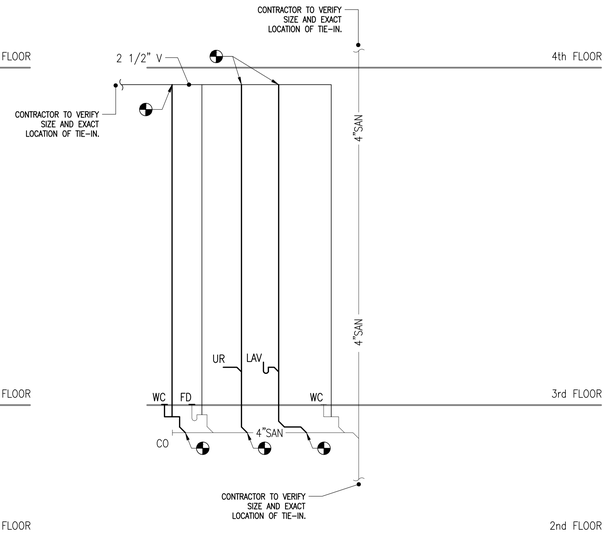
BUILDING 1 - FLOOR 'A'
MEN'S TOILET ROOM A-213
NEW WORK RISER DIAGRAM

2 NTS



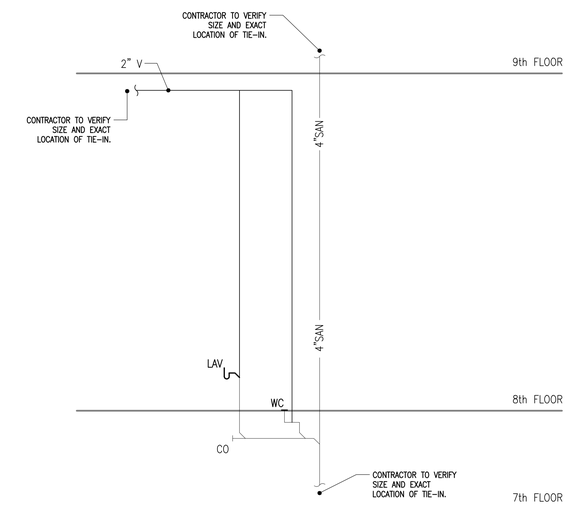
BUILDING 1 - 3rd FLOOR
MEN'S TOILET ROOM 3-183
DEMOLITION RISER DIAGRAM

3 NTS



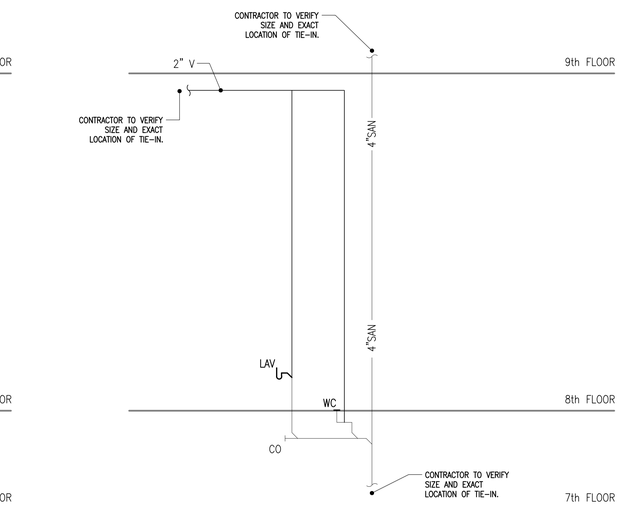
BUILDING 1 - 3rd FLOOR
MEN'S TOILET ROOM 3-183
NEW WORK RISER DIAGRAM

4 NTS



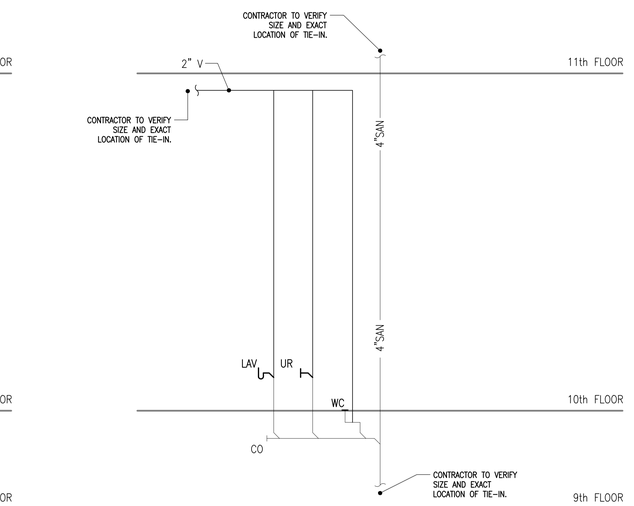
BUILDING 1 - 8th FLOOR
UNISEX TOILET ROOM 8-134
DEMOLITION RISER DIAGRAM

5 NTS



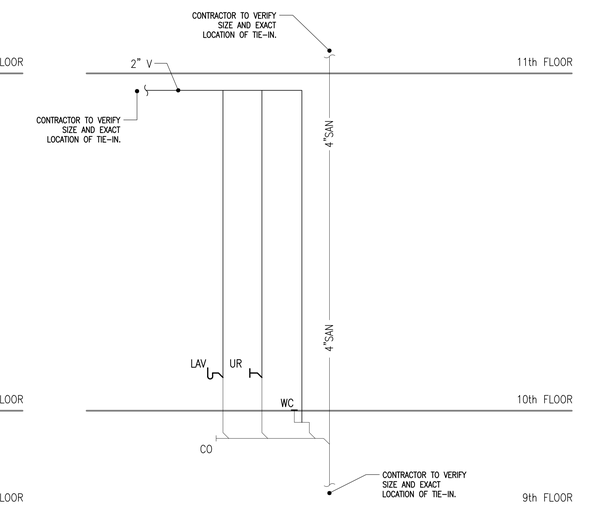
BUILDING 1 - 8th FLOOR
UNISEX TOILET ROOM 8-134
NEW WORK RISER DIAGRAM

6 NTS



BUILDING 1 - 10th FLOOR
UNISEX TOILET ROOM 10-183
DEMOLITION RISER DIAGRAM

7 NTS



BUILDING 1 - 10th FLOOR
UNISEX TOILET ROOM 10-183
NEW WORK RISER DIAGRAM

8 NTS

VA CONTRACT NO. 36C242-18-C-0004

Revisions:	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018

KEY PLANS

CONSULTANT

ARCHITECT + ENGINEERS:

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www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING RISER DIAGRAM - SANITARY AND VENT DEMOLITION PLAN

Approved: Project Director

Project Title: 100% CD FOR BID
UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: RAH | Drawn: RRR

Project Number: 561-14-106

Building Number:

Drawing Number: P601

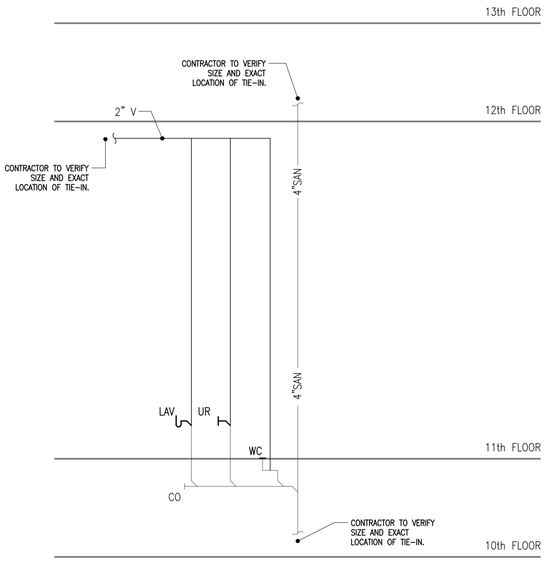
Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

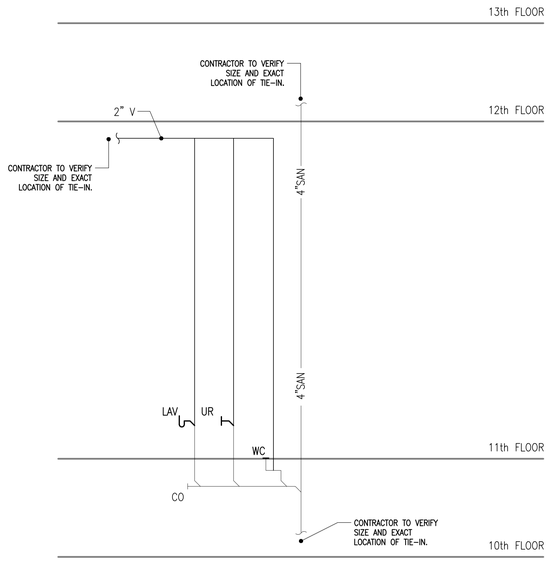
100% CONSTRUCTION DOCUMENTS FOR BID

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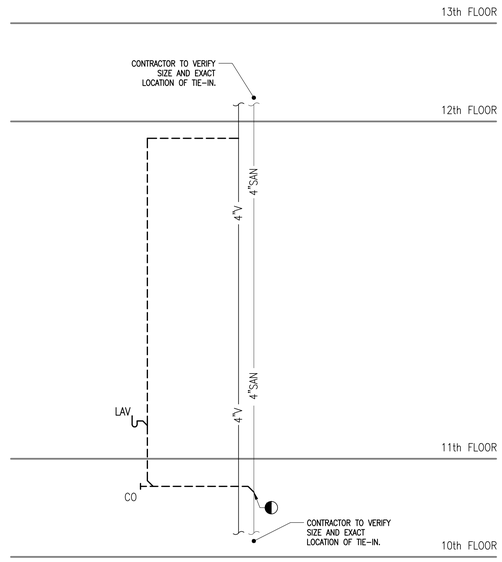
BUILDING 1 - 11th FLOOR
UNISEX TOILET ROOM 11-169
DEMOLITION RISER DIAGRAM

1 NTS



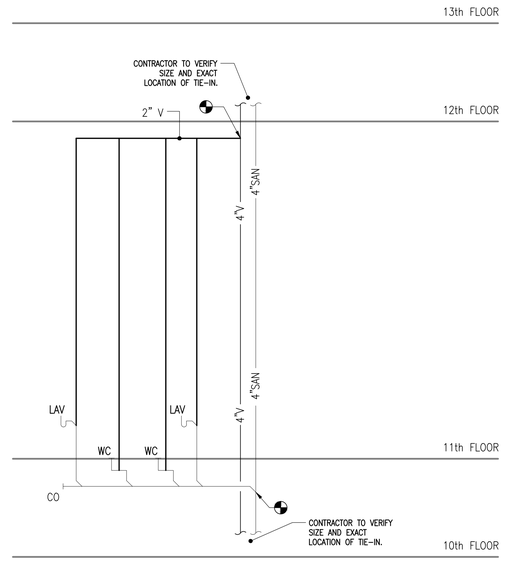
BUILDING 1 - 11th FLOOR
UNISEX TOILET ROOM 11-169
NEW WORK RISER DIAGRAM

2 NTS



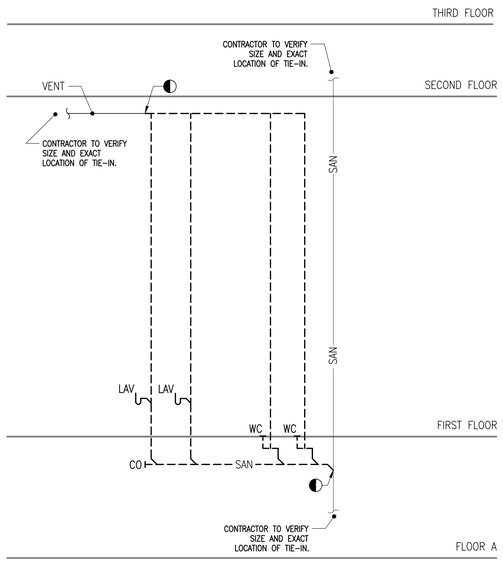
BUILDING 1 - 13th FLOOR
STORAGE ROOM 13-208
DEMOLITION RISER DIAGRAM

3 NTS



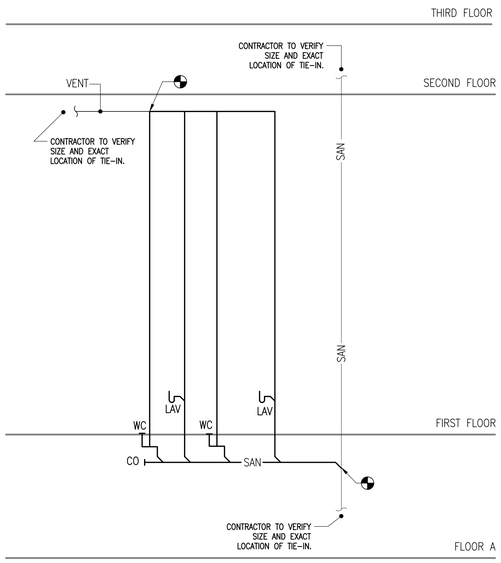
BUILDING 1 - 13th FLOOR
STORAGE ROOM 13-208
NEW WORK RISER DIAGRAM

3 NTS



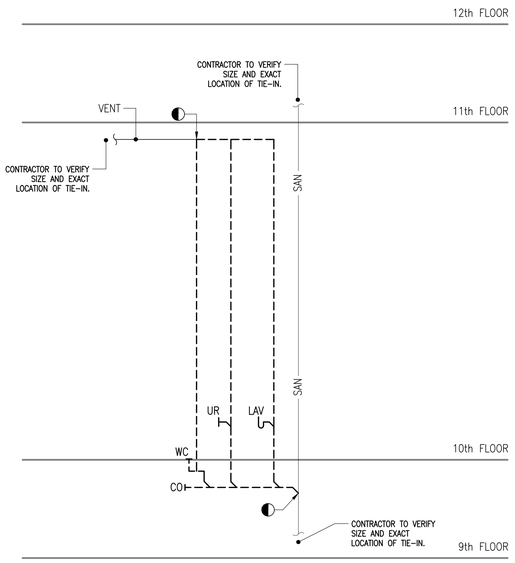
BUILDING 5 - 1st FLOOR
WOMEN'S TOILET ROOM 5-1-106
DEMOLITION RISER DIAGRAM

5 NTS



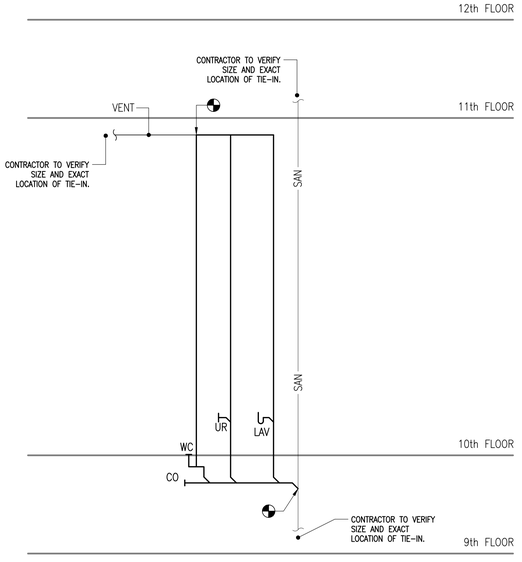
BUILDING 5 - 1st FLOOR
WOMEN'S TOILET ROOM 5-1-106
NEW WORK RISER DIAGRAM

6 NTS



BUILDING 5 - 1th FLOOR
MEN'S TOILET ROOM 5-1-105
DEMOLITION RISER DIAGRAM

7 NTS



BUILDING 5 - 1th FLOOR
MEN'S TOILET ROOM 5-1-105
NEW WORK RISER DIAGRAM

8 NTS

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

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ARCHITECT + ENGINEERS:

BANCROFT ARCHITECTS + ENGINEERS
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T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING RISER DIAGRAM - SANITARY AND VENT DEMOLITION PLAN

Approved: Project Director

Project Title: 100% CD FOR BID
UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: RAH | Drawn: RRR

Project Number: 561-14-106

Building Number:

Drawing Number: P602

VA CONTRACT NO. 36C242-18-C-0004

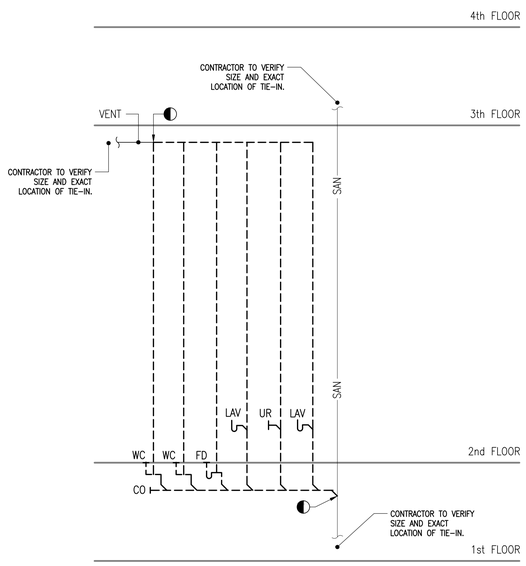
Office of Construction and Facilities Management

Department of Veterans Affairs

three quarters inch = one foot 1-13-20 06:52:16 AM JJohnson
K:\CCC_PROJECTS\2017\17-113 36C242I8C0004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-P601 Sanitary Risers.dwg
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
three inches = one foot
one and one half inches = one foot
one inch = one foot

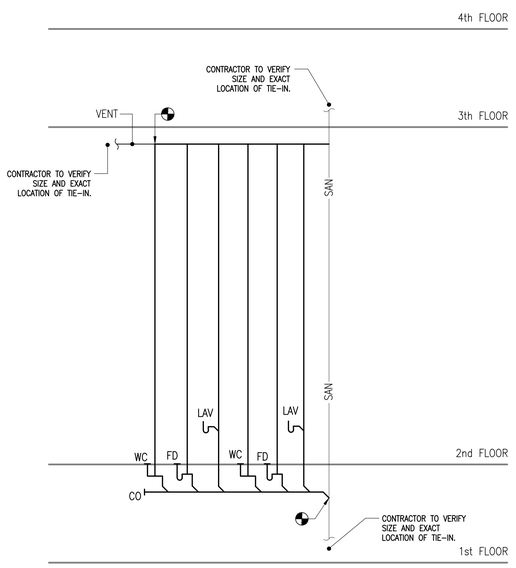
VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID



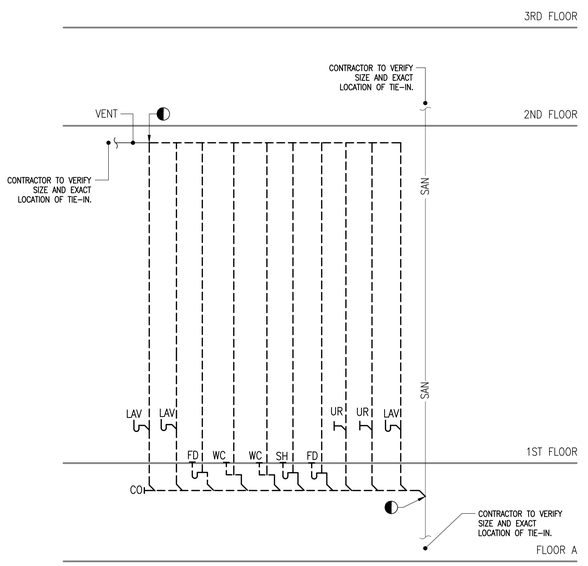
BUILDING 5 - 2nd FLOOR
UNISEX TOILET ROOM 5-2-105
DEMOLITION PLUMBING PLAN

1 NTS



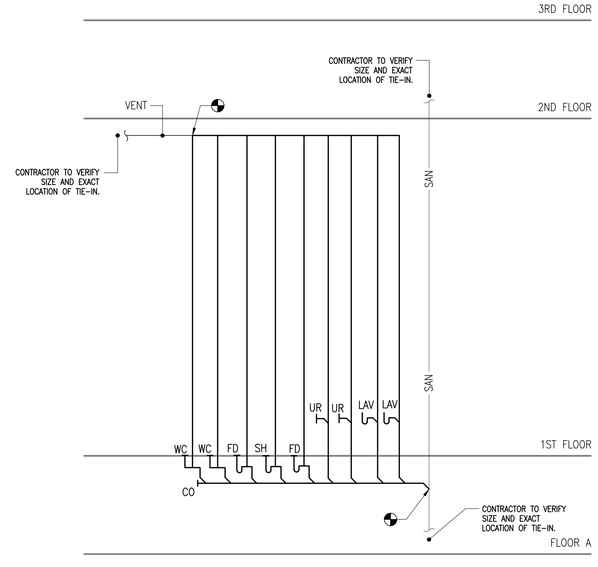
BUILDING 5 - 2nd FLOOR
UNISEX TOILET ROOM 5-2-105
NEW WORK PLUMBING PLAN

2 NTS



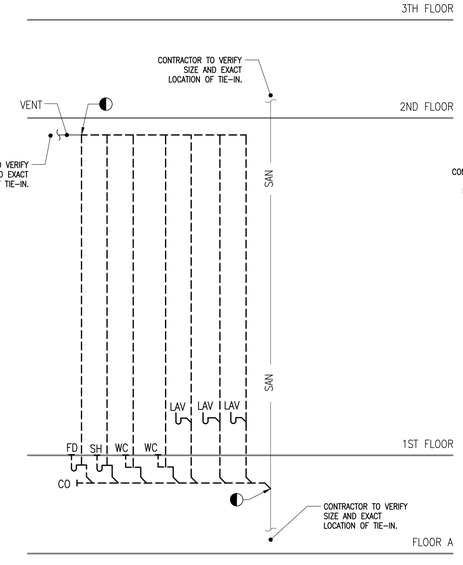
BUILDING 18 - 1ST FLOOR
MEN'S H.C. TOILET ROOM 18-118
DEMOLITION PLUMBING PLAN

3 NTS



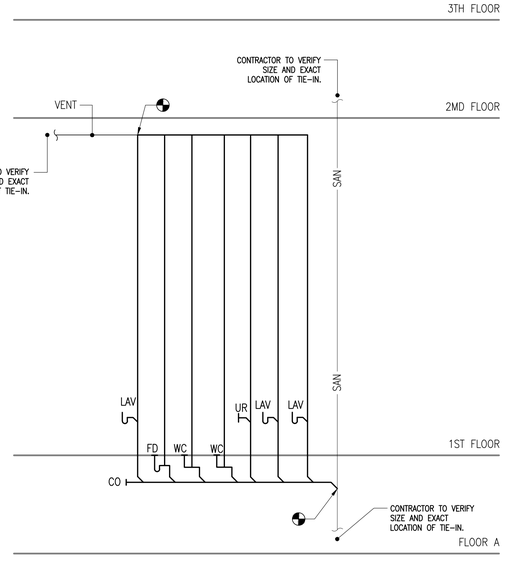
BUILDING 18 - 1ST FLOOR
MEN'S H.C. TOILET ROOM 18-118
NEW WORK PLUMBING PLAN

4 NTS



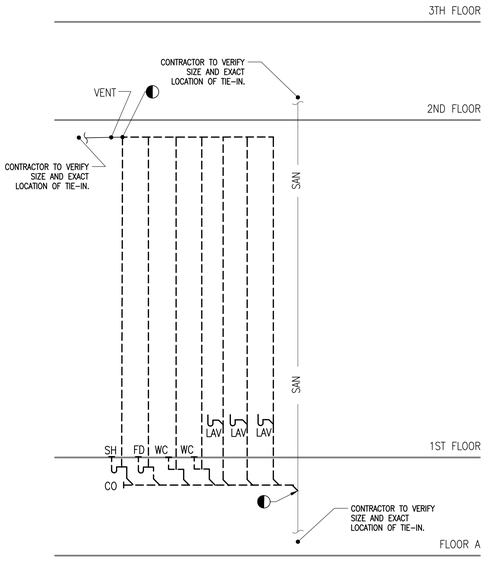
BUILDING 18 - 1st FLOOR
MEN'S H.C. TOILET ROOM 18-144
DEMOLITION PLUMBING PLAN

5 1/2"=1'-0"



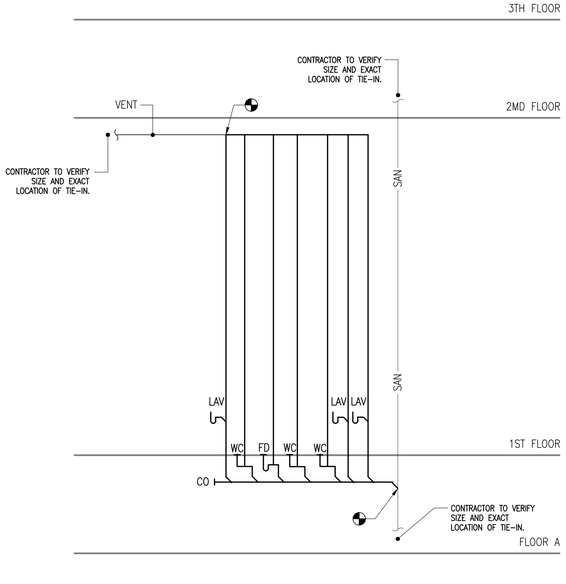
BUILDING 18 - 1st FLOOR
MEN'S H.C. TOILET ROOM 18-144
NEW WORK PLUMBING PLAN

6 1/2"=1'-0"



BUILDING 18 - 1st FLOOR
WOMEN'S H.C. TOILET ROOM 18-157
DEMOLITION PLUMBING PLAN

7 1/2"=1'-0"



BUILDING 18 - 1st FLOOR
WOMEN'S H.C. TOILET ROOM 18-157
NEW WORK PLUMBING PLAN

8 1/2"=1'-0"

VA CONTRACT NO. 36C242-18-C-0004

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

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ARCHITECT + ENGINEERS:

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T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING RISER DIAGRAM - SANITARY AND VENT DEMOLITION PLAN

Approved: Project Director

Project Title: 100% CD FOR BID
UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: RAH | Drawn: RRR

Project Number: 561-14-106

Building Number:

Drawing Number: P603

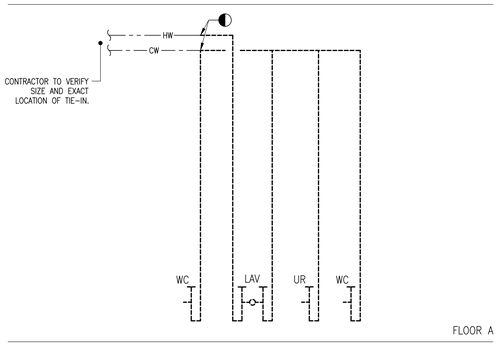
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

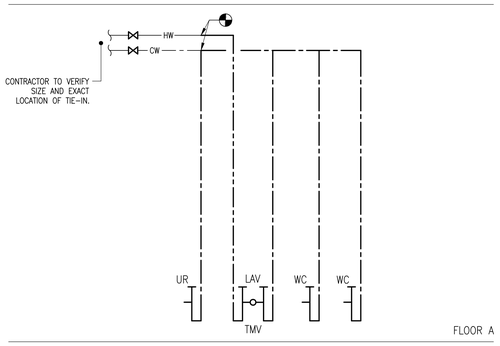
100% CONSTRUCTION DOCUMENTS FOR BID

K:\CCG_PROJECTS\2017\17-113 36C242218C0004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561141106-P601 Sanitary Risers.dwg 1-13-20 06:52:42 AM JJohnson



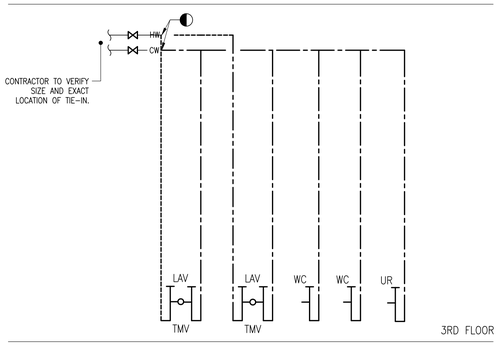
BUILDING 1 - FLOOR 'A'
MEN'S TOILET ROOM A-213
DEMOLITION RISER DIAGRAM

1 NTS



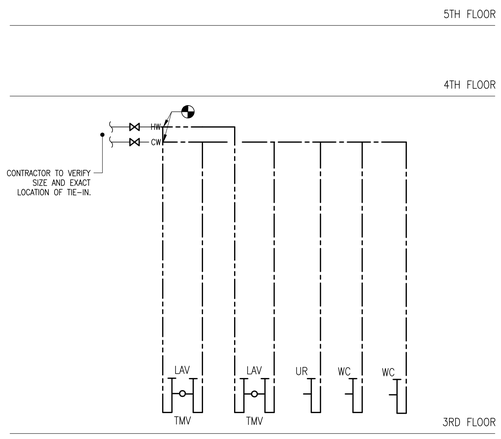
BUILDING 1 - FLOOR 'A'
MEN'S TOILET ROOM A-213
NEW WORK RISER DIAGRAM

2 NTS



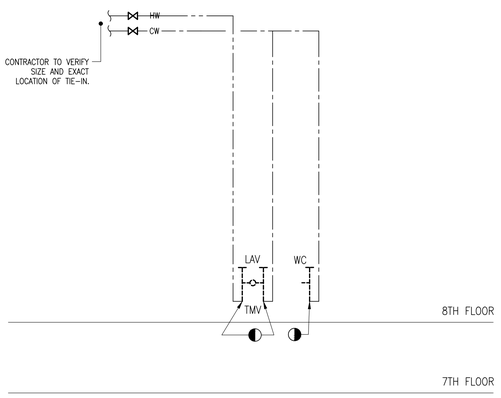
BUILDING 1 -3rd FLOOR
MEN'S H.C. TOILET ROOM 3-183
DEMOLITION PLUMBING PLAN

3 NTS



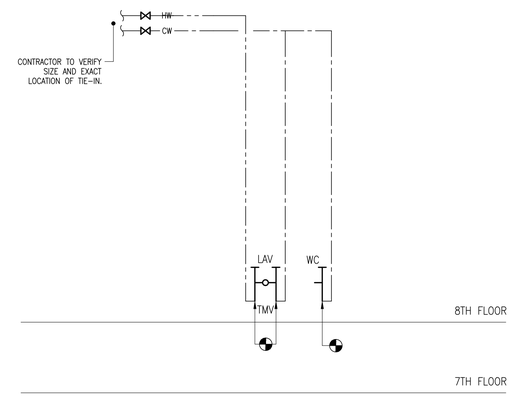
BUILDING 1 -3rd FLOOR
MEN'S H.C. TOILET ROOM 3-183
NEW WORK PLUMBING PLAN

4 NTS



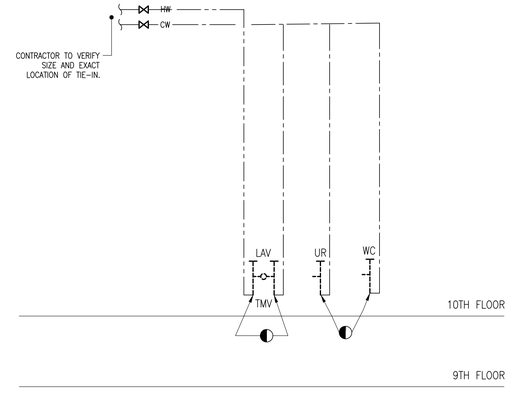
BUILDING 1 -8TH FLOOR
UNISEX TOILET ROOM 8-134
DEMOLITION PLUMBING PLAN

5 NTS



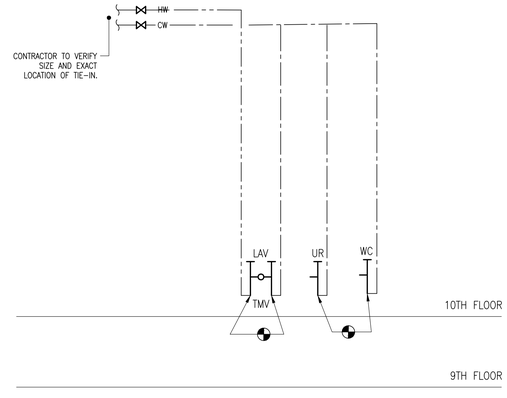
BUILDING 1 -8TH FLOOR
UNISEX TOILET ROOM 8-134
NEW WORK PLUMBING PLAN

6 NTS



BUILDING 1 -10TH FLOOR
UNISEX TOILET ROOM 10-183
DEMOLITION PLUMBING PLAN

7 NTS



BUILDING 1 -10TH FLOOR
UNISEX TOILET ROOM 10-183
NEW WORK PLUMBING PLAN

8 NTS

100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
100% CD PREVIEW- INTERIORS	11/18/2019
95% CONSTRUCTION DOCUMENT SUBMITTAL	09/03/2019
65% DESIGN DEVELOPMENT SUBMITTAL	02/13/2018
25% SCHEMATICS DESIGN SUBMITTAL	01/10/2018
Revisions:	Date

KEY PLANS

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700 Nicholas Blvd. Suite 300
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T: 847.952.9362

www.bancroft-ae.com
Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING - RISER DIAGRAMS DOMESTIC WATER DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: RRR

VA CONTRACT NO. 36C242-18-C-0004

Project Number: 561-14-106

Building Number: 1

Drawing Number: P611

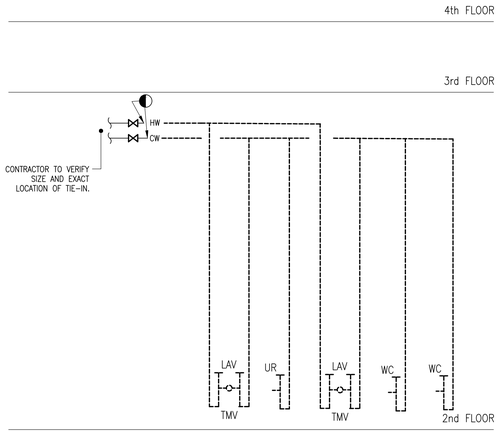
Office of Construction and Facilities Management

Department of Veterans Affairs

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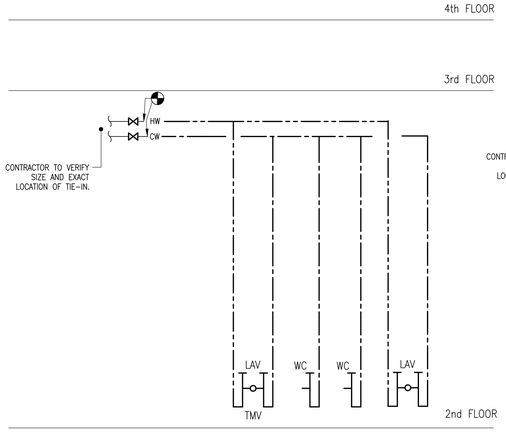
VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID



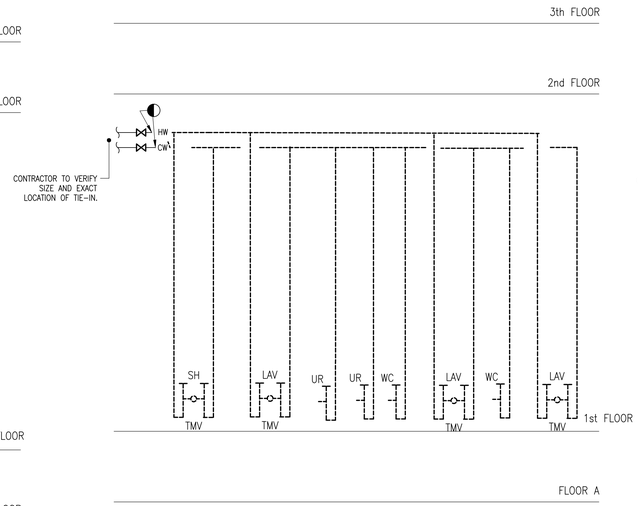
BUILDING 5 - 2nd FLOOR
UNISEX TOILET ROOM 5-2-105
DEMOLITION PLUMBING PLAN

1 NTS



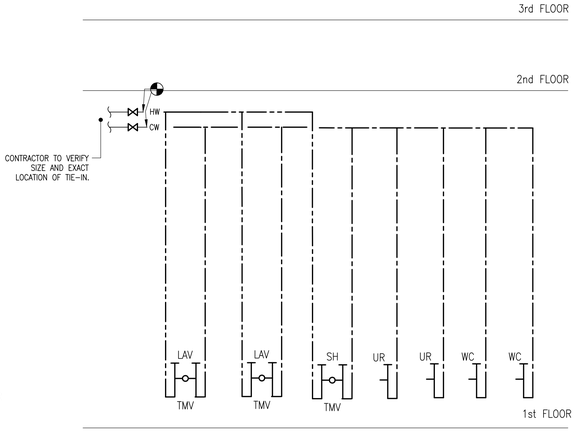
BUILDING 5 - 2ND FLOOR
UNISEX H.C. TOILET ROOMS 5-2-105/5-2-105D
NEW WORK PLUMBING PLAN

2 NTS



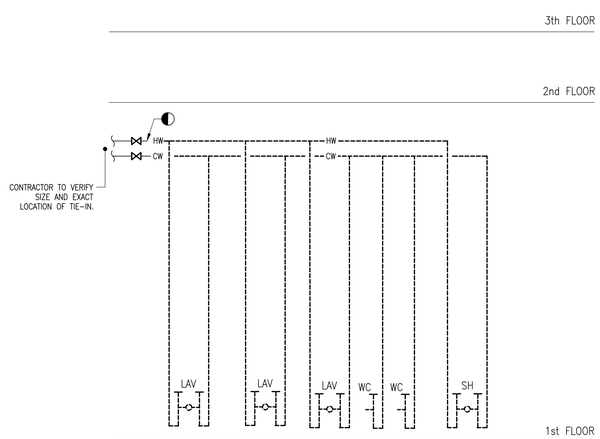
BUILDING 18 - 1st FLOOR
MEN'S TOILET ROOM 18-118
DEMOLITION PLUMBING PLAN

3 NTS



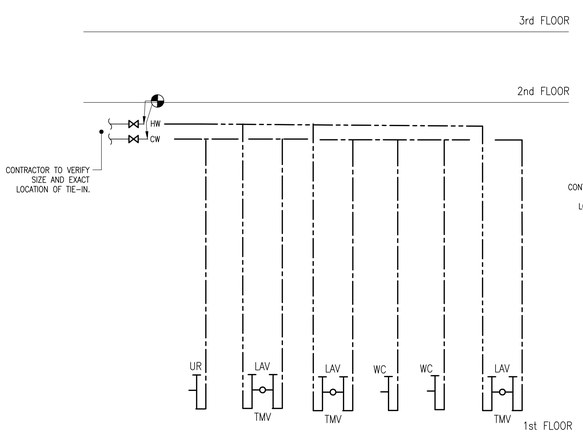
BUILDING 18 - 1st FLOOR
MEN'S H.C. TOILET ROOM 18-118
NEW WORK PLUMBING PLAN

4 NTS



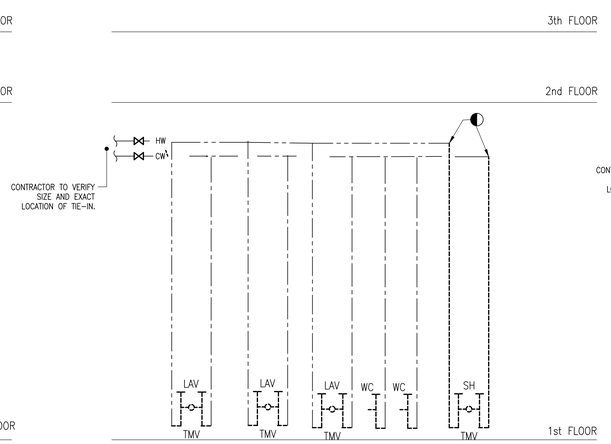
BUILDING 18 - 1st FLOOR
MEN'S TOILET ROOM 18-144
DEMOLITION PLUMBING PLAN

5 NTS



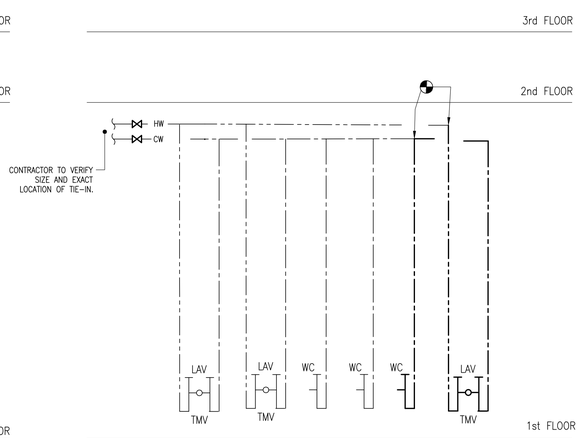
BUILDING 18 - 1st FLOOR
MEN'S H.C. TOILET ROOM 18-144
NEW WORK PLUMBING PLAN

6 NTS



BUILDING 18 - 1st FLOOR
WOMEN'S TOILET ROOM 18-157
DEMOLITION PLUMBING PLAN

7 NTS



BUILDING 18 - 1st FLOOR
WOMEN'S H.C. TOILET ROOM 18-157
NEW WORK PLUMBING PLAN

8 NTS

VA CONTRACT NO. 36C242-18-C-0004

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T: 847.952.9362
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Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING - RISER DIAGRAM DOMESTIC WATER DEMOLITION PLANS

Approved: Project Director

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: RRR

Project Number: 561-14-106

Building Number: 1

Drawing Number: P612

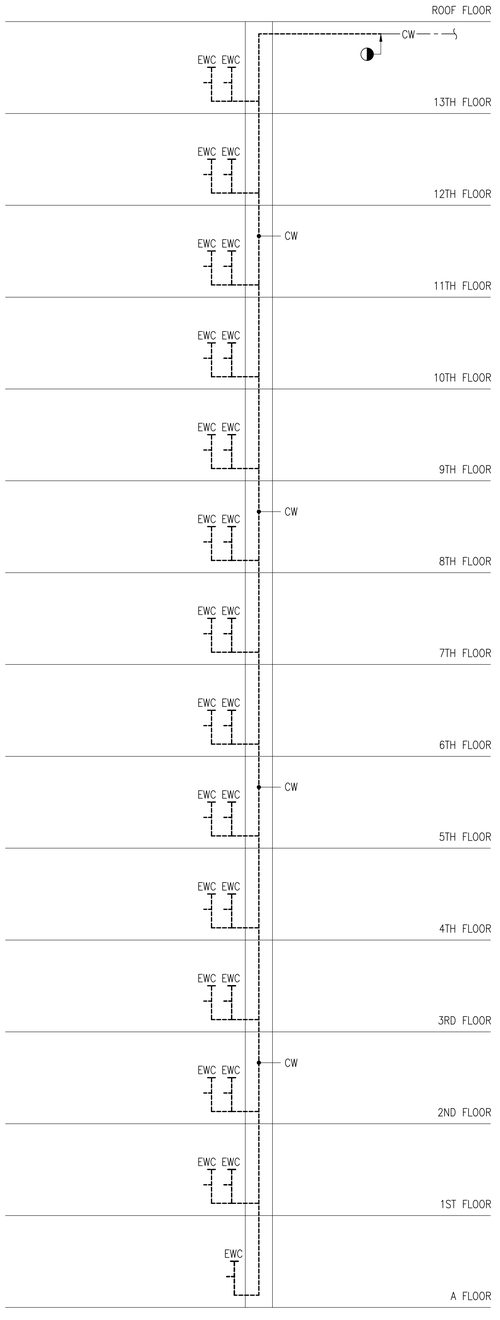
Office of Construction and Facilities Management

VA Department of Veterans Affairs

VA FORM 08-6231

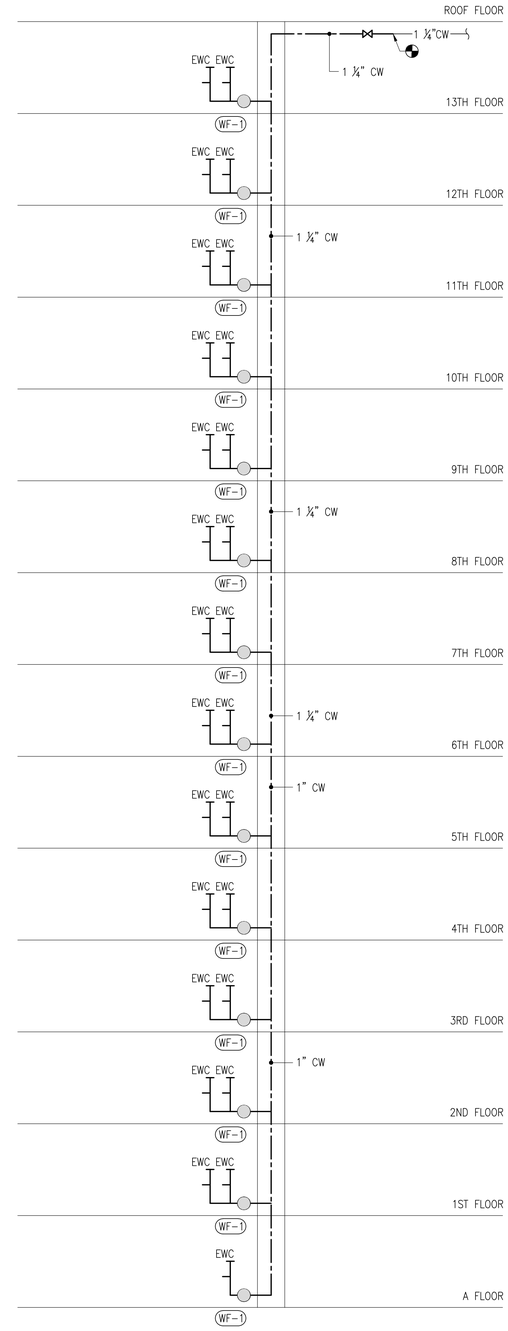
100% CONSTRUCTION DOCUMENTS FOR BID

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BUILDING 1
CORE WING
DEMOLITION RISER DIAGRAM

1 NTS



BUILDING 1
CORE WING
NEW WORK RISER DIAGRAM

2 NTS

NOTE:
1. CONTRACTOR TO PROVIDE ACCESS PANEL TO SERVICE WATER FILTER. COORDINATE WITH ALL DISCIPLINE.

Revisions:	Date
100% CONSTRUCTION DOCUMENTS FOR BID	01/13/2020
100% CONSTRUCTION DOCUMENT SUBMITTAL	11/27/19
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Bancroft-AE Project No. 17-113

Drawing Title: PLUMBING - RISER DIAGRAMS DOMESTIC WATER DEMOLITION PLANS

Approved: Project Director

VA CONTRACT NO. 36C242-18-C-0004

Project Title: 100% CD FOR BID UPGRADE BATHROOMS / DRINKING FOUNTAINS

Location: EAST ORANGE, NJ

Date: 01/13/20 | Checked: PB | Drawn: RRR

Project Number: 561-14-106

Building Number: 1

Drawing Number: P613

Office of Construction and Facilities Management

Department of Veterans Affairs

K:\CCG_PROJECTS\2017\17-113 36C242-18C0004 Upgrade Bathrooms and Drinking Fountains\400- Design Documents\402- Drawings\WORKING\561-14-106-P611 Domestic Risers.dwg 1-12-20 09:10:38 PM JJohnson

three quarters inch = one foot three inches = one foot one and one half inches = one foot one inch = one foot three quarters inch = one foot one half inch = one foot three eighths inch = one foot one quarter inch = one foot one eighth inch = one foot

VA FORM 08-6231

100% CONSTRUCTION DOCUMENTS FOR BID