



ADDENDUM NO. 5 TO PROJECT NO. 43262

CONSTRUCTION WORK, HVAC WORK, PLUMBING WORK, ELECTRICAL WORK

**PROVIDE LONG TERM CARE ADDITION AT G-WING
RENOVATE C AND E WINGS WALSH MEDICAL RMU
WALSH MEDICAL RMU
BUILDING No. 52
MOHAWK CORRECTIONAL FACILITY
6514 STATE RTE. 26, ROME, N.Y.**

October 24, 2011

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

CHANGES TO ADDENDUM NO. 3

1. Item No. 6.: Change "028303" to read "028304".
2. Item No. 20: Noted added shall be note "G", note F remains as issued under Addendum 1.
3. Item No. 23: Change last sentence of note to read, "INSTALL & FLASH EQUIPMENT CURB (FBO) TYP OF 8."
4. Item No. 26: Change to read, "TYPICAL VENEER CONTROL JOINT DETAIL" to read "TYPICAL EXPANSION JOINT VENEER DETAIL."

CONSTRUCTION SPECIFICATIONS

5. Section 000110 – TABLE OF CONTENTS: Add the following sections:

"028213 ASBESTOS ABATEMENT
028303 ABATEMENT OF LEAD CONTAINING MATERIALS
028304 HANDLING OF LEAD CONTAINING MATERIALS"

6. SECTION 062000 – FINISH CARPENTRY:
 - a. Page 062000 – 1, Change Paragraphs 1.01 C and D to read:

"C Modular Nurse's Station Casework: Section 123000.

B. Metal Casework: Section 123500."

- b. Page 062000 – 3, Add Subparagraph 2.02 C.5 to read:
- “5. Chemical Resistant Surfaces: Specific Purpose Type; SP 62 Grade; 0.062 inch nominal thickness.”
7. SECTION 072600 – VAPOR BARRIER UNDER SLABS ON GRADE: Discard the section in the Project Manual and substitute the attached Section, “VAPOR/GAS BARRIER UNDER SLABS ON GRADE” (pages 072600-1 through 072600-2) noted “REVISED 10/19/11”.
8. SECTION 081102 – STEEL DOORS AND FRAMES: Discard the section bound in the Project Manual and substitute the attached Section (pages 081102-1 through 081102-10) noted “REVISED 10/19/11”.
9. SECTION 087100 – FINISH HARDWARE: Discard the section bound in the Project Manual and substitute the attached Section (pages 087100-1 through 087100-23) noted “REVISED 10/19/11”.
10. SECTION 111901 – DETENTION EQUIPMENT: Discard the section bound in the Project Manual and substitute the attached Section (pages 111901-1 through 111901-20) noted “REVISED 10/19/11”.
11. SECTION 102813 – TOILET AND BATH ACCESSORIES:
- a. Page 102813 - 5, Article 2.06, Add the following subparagraph:
- “5. Provide optional end caps.”
- b. Page 102813 - 8, Article 3.01-E, change Paragraph to read as follows:
- “E. Type 2 Grab Bar: Set grab bar in a continuous bed of Type 1D Sealant. Wipe off all excess sealant.”
- c. Page 102813 – 8, Article 3.03, Remove this Article in its entirety and replace with the following:
- “3.03 ACCESSORY GROUPING**
- A. Accessory groupings listed below are for typical shower/toilet plans as shown on Drawing A-409 only. See plans and elevations for toilet, bath, and exam room accessories required for all other locations.
- B. Group ‘1’ Accessories (Staff and C.O. Toilets):
- GB36 (Type 1)
 - GB42 (Type 1)
 - Type ‘A’ Mirror
 - PTD-SM
 - CH
 - DRTTD-SM
 - FND-SM (Female Staff only)
- C. Group ‘2’ Accessories (Inmate Toilets): Not typical for Infirmary of Isolation rooms.

- GB36 (Type 2)
- GB42 (Type 2)
- Type 'B' Mirror
- PTD-SM
- CH
- DRTTD-SM

D. Group '3' Accessories (Staff Showers):

- GB54
- CH
- Type 'A' Shower Seat
- SCT-SM"

12. Page 117900-1: Delete paragraph 2.01 A in its entirety.
13. Appendix: Add the attached DOOR SCHEDULE dated 10/19/11.

CONSTRUCTION DRAWINGS

14. Drawing Nos. C-100 and C-101 Provide detail 2/C-501 – ASPHALT CONCRETE PAVEMENT REPAIR AND RESURFACING FOR THE Walsh and Mohawk Vehicle Compounds.
15. Drawing No. S-001, STRUCTURAL NOTES: Change Note 5 to read:
- “UNLESS SHOWN OTHERWISE ON THE DRAWINGS LOCATE EXTERIOR WALL EXPANSION JOINTS AND INTERIOR WALL CONTROL JOINTS NOT TO EXCEED 25'. SEE ARCH. FLOOR PLANS.”
16. Drawing No. A104, G-WING SOUTH FIRST FLOOR PLAN:
- a. At CO, G103 change window type for windows “W14, W16, and 209” to read “W1A, W2, and W2A” respectively.
 - b. At QUIET RM, G101A change window type “206” to read “W5”.
 - c. At MEDITATION, G101B change window type “206” to read “W5”.
 - d. At INMATE TOILET, G101C remove window W10.
 - e. At FAMILY VISIT, G102 change window type “213” to read “W9”.
 - f. At CONSULTATION, G108 add Interior Window No. “W15”, see room G208 drawing no. A-106 for location.
 - g. At OFFICE, G141 change window type “213” to read “W9”.
 - h. At OFFICE, G143 add window type designation “W9”.
 - i. At Nurse station, corridor G157 add Interior Elevation ID “6/A-408”.
17. Drawing No. A-105 G-WING NORTH FIRST FLOOR PLAN:
- a. At CLEAN UTILITY ROOMS G112 delete casework layout in its entirety. Provide casework layout per detail 6/A-406.
 - b. At SHOWER, G113A add Interior Window No. “W10”.
 - c. At ISOLATION ROOMS, G113A AND G132A change window type “206” to read “W12”.
 - d. At ANTE ROOMS, G115 and G130 change window type “201” to read “W10”.
 - e. At ANTE ROOM, G115 add window type “W10” to South wall over water closet.
- g. At NURSE STATION, G135 add Interior Elevation ID “1/A-406” opposite hand.
 - h. At NURSE STATION, G135 change Interior Window Nos. to read as follows:

- 1) Change "305" to read "W3"
 - 2) Change "308" to read "W4".
 - g. At Nurse station, corridor G154 add Interior Elevation ID "6/A-408" opposite hand.
18. Drawing No. A-106 G-WING SOUTH SECOND FLOOR PLAN:
- a. At QUIET ROOM, G201 and MEDITATION, G201C change window type "206" to read "W5".
 - b. At FAMILY VISIT, G202 change window type "213" to read "W9".
 - c. At CO. G203 make the following changes:
 - 1) Change window type "203" to read "W2".
 - 2) Change window type "208" to read "W1".
 - d. At DAYROOM, G101 add window type W10 adjacent to door no. G201. Provide a minimum of 16" CMU between window and door frames.
 - e. At INMATE TOILET, rooms G205A, G207A, G238A, G242A, G244A, and G246A change window type "202" to read "W13".
 - f. At OFFICE, rooms G241 and G243 change window type "W16" to read "W9".
 - g. At CHASE G250A add door no. "G250A".
 - h. At INFIRMARY rooms G205, G207, G242, and G244 change window type "W16" to read "W10" along CORRIDOR G250 and G257.
 - i. At Nurse station, corridor G257 add Interior Elevation ID "6/A-408".
19. Drawing No. A121 provide ceiling tracks for Patient Lift System in rooms G-211, G213, G234, and G238 similar to layout on Addendum Drawing no. A-134.
20. Drawing No. A-125, C-WING FIRST FLOOR PLAN:
- a. At INMATE TOILET, rooms C102A, C104A, C127A, C129A, SHOWER C133B and TUB/SHOWER C135 remove concrete floor to a depth of -1 1/2" at each shower location. Remove concrete floor to a depth of -1" concrete floor in the toilet of area of all rooms with the exception of C133B to allow for installation of floor drain and ceramic tile.
 - b. At FAMILY VISIT C103 and CONSULTATION C105 change window type "213" to read "W9".
 - c. At CO STATION C109 change window type "W2" to read "W16".
 - d. At MULTI-PURPOSE ROOM C132 and STAFF LOUNGE/LOCKER ROOM C133 refer to detail plan and elevation 5/A409 on drawing no. A-409 dated 10/19/11.
21. Drawing No. A-406, NURSE STATIONS, NUTRITION, AND SOILED UTILITY INTERIORS:
- a. NURSE STATION – 1/A-406:
 - 1) Add the following room nos. to the title; "C126 (G135 AND G235 OPPOSITE HAND)".
 - 2) Delete window detail symbols on Elevation D; see details symbol references on drawing no. A-609.
 - b. NUTRITION ROOM, 2/A-406: Provide plastic laminate countertop.
 - c. NUTRITION ROOM (G114) (G214), 3/A-406: Provide plastic laminate countertop.
 - d. NURSE STATION – MED, 4/A-406:
 - 1) Change title to read "MED ROOM – C126A".
 - 2) Provide chemical resistant plastic laminate countertop.
 - 3) Provide one (1) wall mounted Narcotics Cabinet. Coordinate with Electric contract for power to indicator light.
 - e. NURSE STATION – MED, 5/A-406:
 - 1) Change title to read "MED ROOM – G135A AND G235A".
 - 2) Provide chemical resistant plastic laminate countertop.

- 3) Provide one (1) wall mounted Narcotics Cabinet in each Med Room. Coordinate with Electric contract for power to indicator light.
 - f. SOILED UTILITY – 6/A-406:
 - 1) Change title to read “SOILED UTILITY –C134 (G139 AND G239 SIMILAR)”.
 - 2) Provide stainless steel countertop with integral sink.
22. Drawing No. A-407, TWO BED INFIRMARY AND ISOLATION ROOM INTERIORS:
- a. ISOLATION ROOM NOTES: Change note 3 to read “WATER CLOSETS AND SS SHOWER (NIC).”
 - b. TWO BED INFIRMARY TYPICAL, 1/A-407: In Toilet Room G126A rotate Interior Elevation ID symbol 90degrees counterclockwise.
 - c. TYPICAL ISOLATION FLOOR PLAN, 2/A-407: Ante Room G130, Elevation H change note “SHOWER VIEW WINDOW SEE DETAIL 11/A604” to read “SHOWER VIEW WINDOW SEE DETAIL 1/A-412”.
23. Drawing No. A-408, RESPIRATORY EXAM & MISC. UTILITY ROOM INTERIORS:
- a. PANTRY FLOOR PLAN (C122), 1/A408;
 - 1) Add the following rooms to the title “(G110 AND G210)”.
 - 2) Provide plastic laminate countertop.
 - b. CLEAN UTILITY (C101), 2/A-408:
 - 1) Add the following rooms to title, “(G112 AND G212)”.
 - 2) Provide plastic laminate countertop.
 - c. JAN. ROOM – TYPICAL, 3/A-408:
 - 1) Provide equipment layout per detail 1/A-412.
 - 2) Typical for rooms; B126B, C137, E111, G131 and G231.
 - d. RESPIRATORY EXAM ROOM (G133) & G233, 5/A-408;
 - 1) Add the following room to the title,”C124”.
 - 2) Provide chemical resistant plastic laminate countertop.
24. Drawing No. A-601, ROOM FINISH SCHEDULE:
- a. ROOM FINISH SCHEDULE:
 - 1.) Inmate Toilet rooms C-114A, C-115A, C-123A, C-125A, and C-129A at North Wall change Finish from “CT” to read “IAL-3”.
 - 2.) Staff Lounge/Lockers rooms C133 and G227 change Floor Finish from “CT” to read “VCT” and change Base Finish from “CT” to read “VC”.
 - 3.) Staff Lounge Lockers room G127 change Base Finish from “CT” to read “VC”.
 - b. COLOR GROUPS:
 - 1.) Group 1: Make the following changes;
 - a) CT-FLOOR/BASE: Change “DAL TILE - #DK-23A COBALT” to read “DAL TILE – D023 GALAXY.”
 - b) CT-WALLS: Change “DAL TILE - #DK-317 WHITE” to read “DAL TILE – D617 ARCTIC WHITE.”
 - 2.) Group 2: Make the following changes;
 - a) CT-FLOOR/BASE: Change “DAL TILE - #DK-88 MALT” to read “DAL TILE – D144 ARTISAN BROWN.”
 - b) CT-WALLS: Change “DAL TILE - #DK-317 WHITE” to read “DAL TILE – D617 ARCTIC WHITE.”
25. Drawing Nos. A-603 and A-604, DOOR SCHEDULE: Delete these drawings in their entirety. See DOOR SCHEDULE, Item No. 13 of this addendum.

26. Drawing No. A-608, EXTERIOR DOOR DETAILS: At details 3/a-608 and 4/A-608 change “6” CMU” to read “4” CMU” at interior wythe of wall.
27. Revised Drawings:
 - a. Drawing Nos. A-102, A-107, A-122, A-128, A-409, and A-609 dated 10/19/11 accompany this Addendum and supersedes the same numbered originally issued drawings.

PLUMBING DRAWINGS

28. Drawing No. P-506, ELEVATION: Note that the 2’x2’x1’ footer including 18” sonotube form will be provided by the Construction Contractor.
29. Drawing No. P-506, ELEVATION: Note that the 1’- 1” Stainless steel Formex Bender that forms around the Fueling Island will be provided by the Construction Contractor.

END OF ADDENDUM

James Dirolf, P.E.
Director of Design

SECTION 072600**VAPOR / GAS BARRIER UNDER SLABS ON GRADE****PART 1 GENERAL****1.01 RELATED WORK SPECIFIED ELSEWHERE**

- A. Earthwork: Section 310000.
- B. Cast-In-Place Concrete: Section 033000.

1.02 SUBMITTALS

- A. Product Data: Catalog sheets, specifications, and installation instructions for each material specified.
- B. Samples:
 - 1. Vapor / Gas Barrier Material: 12 inches square.
 - 2. Seaming Tape
 - 3. Two-sided Tape

PART 2 PRODUCTS**2.01 MATERIALS**

- A. Vapor / Gas Barrier: single ply 20 mil polyolefin membrane, VaporBlock Plus 20 manufactured by Raven Industries, Inc. 800-635-3456.
- B. Seaming Tapes: As recommended by the manufacturer of the vapor / gas barrier material.

PART 3 EXECUTION**3.01 PREPARATION**

- A. Surface Preparation: Rake, trim, and tamp surfaces over which vapor barrier is to be installed to true planes and as required to make a surface that will not puncture the vapor / gas barrier material.
- B. Foundation Wall Preparation: Prime concrete surfaces and assure they are dry and clean prior to applying tape.

3.02 INSTALLATION

- A. Install vapor / gas barrier in accordance with manufacturer's printed instructions, lap seams and joints a minimum of 12 inches and seal in between with Raven Butyl Seal two-sided tape and VaporBond Plus 4" tape .
- B. Seal vapor / gas barrier to the vertical foundation walls as recommended by the manufacturer.

- C. Seal vapor / gas barrier to pipes and support columns and other penetrations as recommended by the manufacturer.

3.03 PROTECTION

- A. Protect vapor / gas barrier as required so that it will be in sound condition, free from punctures and tears, at the time the concrete is placed.
- B. If vapor / gas barrier is damaged follow manufacturer's instructions for repairs.

END OF SECTION

SECTION 081102**STEEL DOORS AND FRAMES****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Steel doors and frames, including borrowed lites; sidelights; vision lites; glass moldings and stops; louvers; panels; hardware reinforcements; and accessories as shown in the contract documents.

1.02 REFERENCES

- A. ANSI- American National Standard Institute
 1. A250.4-2001 Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors and Hardware Reinforcings.
 2. A250.10-1998 Test Procedure for Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames.
- B. ASTM-American Society for Testing Materials
 1. A1008/A1008M-04b-2004 Standard Specification for Steel, Sheet, Carbon, Cold Rolled.
 2. A1011A/A1011M-04a-2004 Standard Specification for Steel, Carbon, Hot Rolled Sheet
 3. A653/653M-2003 Steel Sheet, A60 Zinc Iron Alloy-Coated (Galvannealed) by the Hot Dip Process (Commercial Steel).
- C. NAAMM National Association of Architectural Metal Manufacturers
 1. HMMA 830-1997 Hardware Preparations and Locations for Hollow Metal Doors and Frames
 2. HMMA 831-1997 Recommended Hardware Locations for Hollow Metal Doors and Frames
 3. HMMA 861-2000 Guide Specification for Commercial Hollow Metal Doors and Frames
- D. NFPA National Fire Protection Association
 1. NFPA-80 2007 Standard for Fire Doors and Other opening Protectives.

1.03 DEFINITIONS

- A. Steel Door and Frame Manufacturer: Manufacturer of steel doors and frames regularly engaged in the manufacturing of such products for use in commercial, institutional, educational and other similar applications.
- B. Company Field Advisor(s): An employee of the steel frame and door manufacturer who is certified in writing by the manufacturer to be technically qualified in design, installation, and servicing of products.
- C. Steel Door and Frame Distributor: Distribution Company who regularly engages in the distribution of steel doors and frames of the manufacturer whose doors and frames are submitted for this project.

- D. Installation Supervisor: Designated supervisor/installer, who has a minimum three years experience in steel frame and door installation, and is qualified and responsible to ensure approved steel frames and doors are installed, adjusted, and operate properly.
- E. Benchmark: Frame, door and hardware installed on-site. Benchmarks are constructed to verify qualities of materials and execution; to review coordination between steel frames, steel doors, and architectural hardware; to show interface between partitions and steel frames; and to demonstrate compliance with specified installation tolerances. Benchmarks are not samples. Unless otherwise indicated, approved Benchmarks establish the standard by which the Work will be judged. Once approved, benchmarks may be incorporated into the Work of this section.

1.04 SUBMITTALS

- A. Waiver of Submittals: "Waiver of Certain Submittal Requirements" in Section 01330 does not apply to this Section.
- B. Submittals Packages
 - 1. Door and Frame Schedule and Shop Drawings Package: Submit as a complete package. Incomplete packages will be returned unreviewed.
 - a. Quality Assurance Submittal
 - 1) Certification of Compliance in accordance with the Quality Assurance Article.
 - 2) Company Field Advisor's Qualification Data
 - a) Name of Company Field Advisor and Employer's name, business address and telephone number and e-mail address.
 - b) Names and addresses of 3 similar projects Company Field Advisor has worked on during the past three years.
 - 3) Supervisor's and Installer's Qualification Data
 - a) Name of Supervisor and each Installer performing Work, and Employer's name, business address and telephone number.
 - b) Names and addresses of 3 similar projects Supervisor and each Installer has worked on during the past three years.
 - b. Door and Frame Schedule:
 - 1) Include a Cover Sheet that lists:
 - a) OGS project name, project number, and project address.
 - b) Manufacturer's name, address, and telephone number.
 - c) Distributor's name, address, and telephone number.
 - d) Shop drawing preparer's name, and telephone number and e-mail address.
 - e) Submission date.

- 2) List by opening
 - a) Door and Frame number and location by building and room name. Use same reference numbers for openings and as those shown on Contract Drawings.
 - b) Door width, height, thickness, type, gage, and options
 - c) Frame type, width, height, jamb depth, gage, anchor type and options.
 - d) Door and frame elevations; head and jamb profiles and details; welding requirements; and reinforcements.
 - e) Fire Rating.
 - f) Glass type.
 - g) Undercut.
 - h) Electric preparations, if any.
 - i) Hardware Set.
 - j) Show dimensioned elevations; construction details of each door including vertical and horizontal edge details; and frame details for each type, including dimensions profiles; locations for finish hardware, including cutouts and reinforcements; gage of reinforcements; details of connections; anchors and accessories; and details of conduit and preparations for electrified door hardware and controls.
 - 3) Product Data: Manufacturer's catalog sheets, specifications, and detailed installation instructions. Highlight products and options pertaining to this Project. Cross out information irrelevant to this Project.
 - 4) Manufacturer's Written Certification of Compliance in accordance with the Quality Assurance Article.
 - 5) Samples:
 - a) Frames: Corner sample of each type, 18 x 18 inches, with mortises and reinforcements, factory primed.
 - b) Doors: Corner sample of each type construction, 18 x 18 inches, with mortises and reinforcements, factory primed.
2. LEED Submittals: Include information on each product submitted.
- a. Local/Regional Materials:
 - 1) Sourcing Location(s): Indicate location of extraction, harvesting, and recovery of raw materials used in product manufacturing; indicate distance between extraction, harvesting, and recovery and the project site.
 - 2) Manufacturing location(s): Indicate location of manufacturing facility and the project site.
 - b. Recycled content: Provide manufacturer's certification of recycled content indicating percentage by weight of both pre-consumer and post-consumer recycled content. Include information describing production of steel used for doors and frames, identifying production process by either basic oxygen furnace (BOF) process or electric arc furnace (EAF) process.

3. Closeout Submittals: Submit as a complete package.
 - a. Design Representative's written certification per 3.04 B.
4. Re-Evaluation Fee: A re-evaluation fee will be assessed for each re-evaluation of the Submittals in accordance with the General Conditions.

1.05 QUALITY ASSURANCE

- A. Uniformity and single source responsibility:
 1. Provide steel doors and frames from a single source manufacturer who specializes in this type of work.
- B. Certification of Compliance: A statement, written on steel door and frame manufacturer's letterhead, that certifies their products, submitted for this Project, have been tested and comply with the requirements of this specification .
- C. Construction Verification: In order to determine if the products furnished comply with the specifications, the Director may choose one or more doors and frames for examination. The examination may involve cutting doors to expose the internal construction to inspect reinforcements, cores, welds and other construction details.
- D. Pre-installation Conference: When steel frames are on site, and before steel frame installation begins, the Director's Representative shall call a conference at the site to review Steel Door and Frame Specifications, approved Finish Hardware Submittals, and proper installation procedures for the Work. The presentation shall be led by the Designer: The items for review include:
 1. Inspect and verify correct reinforcements and preparations in frame head and jambs.
 2. Preparation in frames and doors for electric hardware.
 3. Inspect and verify proper welding of frames.
 4. Verification of labels, label locations and legibility.
 5. Verification of correct anchors and fasteners.
 6. Review of proper frame installation tools.
 7. Review of maximum allowable clearances between frames and doors; doors and floor; and meeting stiles of doors, and verification methods.
 8. Verification of plumb, square and level frame installation with jamb rabbets parallel to one another.
 9. Installation procedures, use of installation aids.

The contractor, frame installers, certified Company Field Advisor, OGS designer; and OGS inspector shall attend the conference. Facility personnel may attend.

- E. Field Example and Benchmark of frame, door and hardware installation:
 1. Provide door, frame and hardware for (1) one door opening. Coordinate the location with the Director's Representative.
 2. Install frame, door, and hardware immediately following the pre-installation meeting.
 3. The practices and procedures discussed at the pre-installation meeting shall be employed in the installation of the bench mark..
 4. On completion and approval, the benchmark installation shall be considered part of the completed project.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Deliver doors and frames in heavy paper cartons or other protective packaging. Remove any plastic protective wrap from the package.
- B. Store doors and frames under cover, in a dry area, on raised platforms in vertical position with minimum 4 inch blocking between units to allow air circulation.
- C. Clearly label packaging, and doors and frames, for identification and installation location.

PART 2 PRODUCTS**2.01 MATERIALS**

- A. Hot-Rolled Steel Sheets and Strip: Commercial quality carbon steel, pickled and oiled, complying with ASTM A1011/A1011M-04a 2004.
- B. Cold-Rolled Steel Sheets: Commercial quality carbon steel complying with ASTM A1008/A1008M-04b 2004.
- C. Galvannealed Steel Sheets: Zinc Iron Alloy-Coated carbon steel sheets of commercial quality complying with ASTM A 653/653M, with A 60 zinc coating.
- D. Anchors and Supports: Fabricate of not less than 16 gage sheet steel unless otherwise indicated.
 - 1. Galvanized Units: Galvanize anchors and supports to be used with galvanized frames, complying with ASTM A 153, Class B.
- E. Anchorage Devices, Bolts, and Other Fasteners: Manufacturer's standard units unless otherwise indicated.
 - 1. Galvanized Units: Galvanize items and comply with ASTM A 153, Class C or D as applicable.
- F. Solid Block polyurethane core with minimum .07 U Factor.
- G. Polystyrene slab with a minimum .24 U factor.
- H. Extruded polystyrene rigid insulation.

2.02 DOORS

- A. General:
 - 1. Design and Thickness: 2 outer stretcher-leveled A60 galvanneal steel sheets not less than 14 gage, seamless, hollow construction, 1-3/4 inches thick.
 - 2. Construct doors with smooth flush surfaces without visible joints or seams on exposed faces or stile edges, except around glass and louver panels. Continuously MIG, ARC or laser weld vertical edges full height of door, grind smooth, and dress to achieve seamless edge.
 - 3. Reinforce vertical edges by a continuous steel channel not less than 14ga extending the full height of door.
 - 4. Close top and bottom of edges with 14 gage steel channel spot welded to the inside of the face sheets a maximum of 4 inches on center.

5. Continuously weld the closing end channels to the vertical edge reinforcing channel at all four corners producing a fully welded exterior.
 6. Sound Deadening (ASTM E 90): Minimum Sound Transmission Class of 25.
 7. Door Edges: Bevel lock stile edge of single acting hinged doors 1/8 inch in 2 inches. "V" bevel meeting stiles of pairs of doors, except at double egress locations where meeting stiles are parallel.
 8. Glazing Stops and Beads: Fixed steel stops, formed integral with door on non-threat side of doors. Removable steel beads, of not less than 14 gage formed steel sheet or solid bar stock, on other side of doors secured with torx head machine screws. Form corners with butted hairline joints. Coordinate width of rabbet between fixed stop and removable bead, and depth of rabbet, with type of glass and glazing required.
 9. Shop Painting:
 - a. After fabrication, fill and sand tool marks and imperfections as required to make face sheets, vertical edges and weld joints free from irregularities. Chemically wash, rinse, and dry exposed and concealed surfaces of fabricated units.
 - b. After appropriate metal preparation, apply one coat of primer with vinyl binder to surfaces and oven-bake units.
 - c. Units shall be capable of passing the following tests:
 - d. Salt Spray Test complying with ASTM B 117-97 for 150 continuous hours with a rust grade of not less than 6 as defined in ASTM D 610, and ASTM D 1735 Water Fog Test for organic coatings for 200 hours with any quantity of #8 blisters but no more than "few" # 6 blisters as illustrated in ASTM D714..
 - e. Water Fog Test complying with ASTM D 1735-97 for 240 continuous hours.
 10. Factory pre-finish doors where indicated on the Door Schedule.
 - a. Provide finish paint which complies with ANSI A250.3.
 - b. Provide custom color(s) as selected by the Director's Representative.
 - c. Provide 10 (ten) touch-up paint kits for field repair. Turn over remaining paint to the Facility.
- B. Fire Rated Assemblies: Wherever a fire resistance classification is shown or scheduled for steel doors and frames; provide fire rated units that have been tested as fire door assemblies, and comply with National Fire Protection Association (NFPA) Standard No. 80 and these specifications.
1. Identify each door and frame with a factory applied and riveted metal UL, FM, or WHI label.
 2. Label shall remain legible, and shall not be obscured by prime painting or finish painting.
 3. Indicate the applicable fire rating on the door label.
 4. Locate labels on the hinge edge of door and jamb rabbet of frame.
 5. Where continuous hinges are specified, apply labels on the header rabbet of frame and on top exposed edge of door. Locate labels as close to hinge edge as possible.
 6. At the manufacturer's and/or contractor's expense, retain a third party inspector to recertify fire rated doors and frames, and to replace the factory applied metal labels which were primed and/or painted.
- C. Assemblies Requiring Fire Rating : Whenever fire rated assemblies are larger than size limitations established by NFPA and testing laboratories, or exceed label requirements, provide the manufacturer's certification that they

have been constructed with materials and methods equivalent to requirements for labeled construction.

- D. Exterior Doors:
 - 1. Reinforce inside of doors with the following:
 - a. Solid block polyurethane core, with a minimum .07 U factor, that fills the entire door cavity and is chemically bonded to all surfaces.
- E. Interior Doors:
 - 1. Reinforce inside of doors with polystyrene slab with a minimum .24 U factor, permanently bonded to inside of each face sheet.

2.03 FRAMES

- A. General:
 - 1. Furnish steel frames for doors, transoms, sidelites, borrowed lites, and other openings, as shown, of size and profile as indicated.
 - 2. Interior and Exterior Frames: Form of hot-rolled steel sheets, not less than 14 gage, zinc alloy iron coated A60 galvanized.
 - 3. Welded Masonry Profile Frames Full welded unit construction, with corners mitered and head and jams continuously welded together full depth and width of frame, unless otherwise specified or shown. Knock-down type frames will not be accepted.
 - a. Fixed Stops: Integral minimum 5/8 inch stop height unless otherwise shown.
 - b. Removable Beads: Minimum 5/8" high, unless otherwise shown, removable steel bead secured with torx machine screws. Form corners with butted hairline joints.
- B. Anchors: Unless otherwise specified or shown, formed of not less than 16 gage galvanized steel.
 - 1. Anchors for Masonry Construction:
 - a. Adjustable Welded-in Strap Anchors: Corrugated or perforated shaped to suit frame size with leg not less than 2 inches wide by 10 inches long. Furnish at least 3 anchors per jamb up to 7'6" jamb height; 4 anchors per jamb up to 8 foot jamb height; one additional anchor per jamb for each 24 inches or fraction thereof over 8 feet high.
 - 2. Anchors for Completed Openings: Anchorage devices designed to secure frame to in-place concrete or in-place masonry construction, as applicable. Furnish at least 5 anchors per jamb up to 7'-6" jamb height; 6 anchors per jamb to 8 foot jamb height; one additional anchor per jamb for each 12 inches or fraction thereof over 8 feet high.
 - 3. Floor Anchors: Furnish floor anchor for each jamb and mullion which extends to floor, formed of not less than 16 gage steel, with 2 holes to receive fasteners, welded to bottom of jamb or mullion, and galvanized if used with galvanized frames.

2.04 FABRICATION

- A. Fabricate steel door and frame units to be rigid, neat in appearance, and free from warp, buckle and defects. Accurately form metal to required sizes and profiles, with minimum radius for thickness of metal. Where practical, fit and assemble units in manufacturer's plant. To assure proper assembly at Project

site, clearly identify items that cannot be permanently factory-assembled before shipment.

- B. Exposed Fasteners: Countersunk flat, or oval head torx center pin screws and bolts. Unless otherwise indicated, locate fasteners 2 inches from ends of members and not more than 12 inches apart.
- C. Finish Hardware Reinforcements:
1. Minimum 10 gage full height continuous reinforcement for continuous hinges.
 2. Install 7 gage reinforcement for butt hinges, or hinge reinforcement in door edge may be one piece 12 gage channel full door height with extruded hinge screw holes having an average minimum thread pull-out strength of 1600 pounds per hole.
 3. Minimum 12 gage reinforcement for other hardware.
 4. Weld 14 gage steel tongues, 1-1/2 inches high, inside lock mortise to keep lock body centered in door.
 5. Closer reinforce doors and provide full profile closer reinforcement in frames for full width of opening, whether or not closers are specified.
- D. Finish Hardware Preparation:
1. Factory prepare doors and frames to receive mortised and concealed hardware, including cutouts; reinforcing; drilling and tapping, in accordance with approved Finish Hardware Schedule and templates furnished by hardware manufacturers.
 2. Factory reinforced doors and frames to receive surface applied hardware. Drill and tap for surface applied hardware at project site.
- E. Finish Hardware Locations: Locate hardware reinforcements and mortises so hardware locations comply with requirements of HMMA 831, "Recommended Hardware Locations for Custom Hollow Metal Doors and Frames", and as follows:
1. Knobs: Centerline 3'2" from finished floor.
 2. Mortise Deadlocks: Centerline not to exceed 48" above finished floor.
- F. Clearances: Fabricate doors for their respective frames within the following clearances:
1. Jambs and Head: 3/32 to 1/8 inch.
 2. Meeting Edges of Pairs: 1/8 to 3/16 inch.
 3. Bottom (no threshold): 3/4 inch, maximum to finished surface.
 4. Bottom (at threshold): 3/8 inch, maximum to top of threshold or carpet.
 5. Fire Rated Doors: Comply with clearances specified in NFPA Standard No.80.
 6. Measure door clearances from stile edge to jamb.
- G. Factory Prefinish Painting:
1. Chemically wash, rinse, and dry exposed and concealed surfaces of fabricated units.
 2. Apply one coat of primer with vinyl binder to surfaces and oven-bake units.
 3. Units shall be capable of passing the following tests:
 - a. Salt Spray Test complying with ASTM B 117-97 for 120 continuous hours.
 - b. Water Fog Test complying with ASTM D 1735-97 for 240 continuous hours.

4. Factory pre-finish doors where indicated on the Door Schedule.
 - a. Provide custom color(s) as selected by the Director's Representative.
 - b. Provide 10 (ten) touch-up paint kits for field repair. Turn over remaining paint to the Facility.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verification of Conditions: Examine substrates, areas and conditions, with installer present under which frames are to be installed for defects that will adversely affect execution and quality of Work. Do not proceed until unsatisfactory conditions are corrected.

3.02 PREPARATION

- A. Prior to installation remove manufacturer's shipping spreaders.
- B. Prior to installation adjust and securely brace door frames for squareness, alignment, twist, and plumb to the following tolerances:
 1. Squareness: Plus or minus 1/16 inch, measured at door rabbet on a line 90 degrees from jamb perpendicular to frame head.
 2. Alignment: Plus or minus 1/16 inch, measured at jambs on a horizontal line parallel to plane of wall.
 3. Twist: Plus or minus 1/16", measured at opposite face corners of jambs on parallel lines, and perpendicular to plane of wall.
 4. Plumbness: Plus or minus 1/16 inch, measured at jamb face on a perpendicular line from head to floor.
- C. Drill and tap doors and frames to receive non-templated mortised and surface mounted hardware.

3.03 INSTALLATION

- A. General: Install steel doors and frames plumb, rigid, properly aligned, and securely fastened in place; comply with Drawings and manufacturer's written instructions.
 1. Frames: Install frame of size and profile indicated. Set frames accurately in position; plumbed, aligned, and braced securely until permanent anchors are set.
 - a) Remove temporary braces necessary for installation only after frames have been properly set and secured.
 - b) Check plumb, squareness, and twist of frames as walls are constructed. Adjust as necessary to comply with installation tolerances.
 2. Installation Tolerances: Adjust door frames for squareness, alignment, twist, and plumb to the following tolerances:
 - a) Squareness: Plus or minus 1/16 inch, measured at door rabbet on a line 90 degrees from jamb perpendicular to frame head.
 - b) Alignment: Plus or minus 1/16 inch, measured at jambs on a horizontal line parallel to plane of wall.

- c) Twist: Plus or minus 1/16 inch, measured at opposite face corners of jambs on parallel lines, and perpendicular to plane of wall.
 - d) Plumbness: Plus or minus 1/16 inch, measured at jambs at floor.
- B. Doors: Fit fire-rated doors in accordance with the clearances established by NFPA 80 -2007.
 - C. Doors: Fit non-fire-rated doors accurately in frames with the following clearances:
 - 1. Jambs and Head: 1/8 inch plus or minus 1/16 inch.
 - 2. Meeting edges of doors swinging in pairs measured on the high side: 1/8 inch plus or minus 1/16 inch.
 - 3. Between Bottom of Door and Top of Threshold: Maximum 3/4 inch.
 - 4. Between Bottom of Door and Top of Finish Floor (No Threshold): Maximum 3/4 inch.

3.03 ADJUSTING AND CLEANING

- A. Final Adjustments:
 - 1. Check and readjust operating hardware items immediately before final inspection.
 - 2. Leave work in complete and proper operating condition.
 - 3. Remove and replace defective work including doors or frames that are warped, bowed, do not meet the requirements for plumb, level, alignment and twist, or otherwise unacceptable to the Director's Representative.
- B. Clean foreign materials off steel doors and frames immediately after installation.
- C. Protect factory pre-finished doors with covering to prevent damage to the finish.
- D. Finish Coat Touch-up: Prior to substantial completion, touch up damaged areas of factory finish and apply touch-up of compatible

3.04 FINAL INSPECTION

- A. Upon completion of the project, the Director's representative will schedule a final inspection to verify doors and frames are properly installed and adjusted. The contractor, door and frame installer, and design representative will attend.
- B. Upon verification, the design representative will certify in writing components are properly installed and adjusted within referenced tolerances in accordance with this specification. Include this certification in the Close-out Submittals.

END OF SECTION

CEH

SECTION 087100
FINISH HARDWARE

PART 1 GENERAL

1.01 RELATED WORK IN OTHER SECTIONS

- A. Detention Door Hardware

1.02 REFERENCES

- A. NFPA 80 Fire Doors and Windows (2007)
- B. NFPA 101 Life Safety Code (2009)
- C. Building Code of New York State (2007)
- D. ICC/ANSI A117.1-1998 Accessible and Usable Buildings and Facilities
- E. ANSI/BHMA Standard A156.1 Butts and Hinges (2006)
- F. ANSI/BHMA Standard A156.4 Door Controls – Closers (2008)
- G. ANSI/BHMA Standard A156.6 Architectural Door Trim (2005)
- H. ANSI/BHMA Standard A156.7 Template Hinge Dimensions (2009)
- I. ANSI/BHMA Standard A156.8 Door Controls – Overhead Stops and Holders (2005)
- J. ANSI/BHMA Standard A156.13 Mortise Locks and Latches Series 1000 (2005)
- K. ANSI/BHMA Standard A156.16 Auxiliary Hardware (2008)
- L. ANSI/BHMA Standard A156.22 Door Gasketing Systems (2005)
- M. ANSI/BHMA Standard A156.26 Continuous Hinges (2006)
- N. DHI - Door and Hardware Institute
- O. NAAM Standard HMMA 800-96- Hollow Metal Manufacturers Association
- P. NAAM Standard HMMA 831-97 Recommended Hardware Locations for Custom Hollow Metal Doors and Frames.

1.03 DEFINITIONS

- A. Architectural Hardware Consultant (AHC): A Door and Hardware Institute certified expert in complex architectural openings requiring advanced knowledge of model building codes and safety standards, ADA requirements, access control knowledge and installation expertise.
- B. Architectural Hardware Distributor: A company that regularly purchases architectural hardware from manufacturers and specializes in the sale, service and support of that hardware to contractors and/or end users.
- C. Company Field Advisor(s): Hardware manufacturers’ representatives who are certified in writing by manufacturer to be technically qualified in design, installation, and servicing of products.

- D. Installation Supervisor: Designated supervisor/installer, who has a minimum three years experience in finish hardware installation, and is qualified and responsible to ensure approved finish hardware is installed, adjusted, and operates properly.
- E. Benchmark: Finish hardware installed on full size door and frame assembly that is constructed on-site. Benchmarks are constructed to verify qualities of materials and execution; to review coordination between steel frames, steel doors, and architectural hardware; to show interface between partitions and steel frames; and to demonstrate compliance with specified installation tolerances. Benchmarks are not samples. Unless otherwise indicated, approved Benchmarks establish the standard by which the Work will be judged.

1.04 SUBMITTALS

- A. Waiver of Submittals: The Waiver of Certain Submittal Requirements in Section 01330 does not apply to this Section.
- B. Submittal Package Cover Sheets: The Hardware Distributor shall provide a cover sheet, which identifies each package by:
 - 1. OGS project number
 - 2. Project name
 - 3. Facility name and location
 - 4. Submittal Package name
 - 5. Specification section name and number
 - 6. Construction Contractor’s company name, address, e-mail address, and telephone number
 - 7. Finish Hardware Distributor’s company name, address, e-mail address, and telephone number
 - 8. Certified Architectural Hardware Consultant’s name, company name, address, e-mail address, and telephone number
 - 9. Submittal Date
- C. Submittal Packages
 - 1. Quality Control Package: Do not submit balance of packages until this package is approved.
 - a. Architectural Hardware Consultant Data:
 - 1) Provide name, business address, and telephone number of DHI certified Architectural Hardware Consultant.
 - 2) Submit photocopy of Door and Hardware Institute’s certificate demonstrating individual is an Architectural Hardware Consultant.
 - b. Company Field Advisor Data:
 - 1) Provide name, business address, and telephone number of Company Field Advisor(s) for continuous hinges, door bolts, locksets, overhead stops, door closers, and gasketing.
 - 2) List services and products for which company field advisor(s) is/are certified by manufacturer. Provide written certifications.

- c. Hardware Distributor's Qualification Data:
 - 1) Provide the Finish Hardware Distributor's company name, address, e-mail address, and telephone number.
 - 2) Provide the hardware distributor's company history, including number of years in the hardware distribution business, the number of AHC's employed, and the number of employees. Describe the distributor's major market.
 - 3) Include the names and contact information of physical plant managers for 3 facilities, similar to this project, for which the distributor has furnished architectural hardware within the past 2 years.
- d. Supervisor's/Installer's Qualification Data:
 - 1) Name of Supervisor and each installer performing Work, and employer's name, business address and telephone number.
 - 2) Names and addresses, and contact information of physical plant managers for 3 facilities, similar to this project, on which each installer has worked on during past 2 years.
- 2. Finish Hardware Package:
 - a. Finish Hardware Schedule: Use vertical format and indicate finish hardware items, both mechanical and electrical in one document, required to complete Work of this section. Submit Hardware Schedule that includes complete hardware sets for each door and frame shown on Door Schedule.
 - 1) Preface schedule with following:
 - a) Certified Architectural Hardware Consultant's statement of preparation of/or certification of, Finish Hardware Schedule
 - b) Index
 - c) List of manufacturers
 - d) List of finishes
 - e) Explanation of abbreviations
 - f) Keying instructions and key schedule
 - 2) Create hardware groups, each group consisting of similar doors and hardware. Do not combine labeled and non-labeled openings. Do not combine doors and frames with dissimilar door sizes and/or materials.
 - 3) For each opening include the following:
 - a) Door and frame materials and dimensions
 - b) Fire rating
 - c) Door number, location and handing
 - d) Degree of opening required for closer and/or overhead stop
 - e) Installation and detailing notes
 - 4) Under each group heading, list hardware items in detail, required for ordering. For each hardware item include:
 - a) Type (Hinges)
 - b) Quantity (Hinges 3ea)
 - c) Manufacturers' name (Hinges 3ea Stanley)
 - d) Catalog number (Hinges 3ea Stanley FBB199)
 - e) Size (Hinges 3ea Stanley FBB199 4 ½ x 4 ½)

- f) Options or accessories (Hinges HTFBB199 4 ½ x 4 ½)
- g) Finish (Hinges HTFBB199 4 ½ x 4 ½ x 630)
- h) Fasteners (Hinges HTFBB199 4 ½ x 4 ½ x 630 x Torx with center security pin)
- i) Indicate location of protection plates: Push side or pull side.
- j) Installation Notes, as written in this section, for each hardware group
- 5) Use a separate hardware group in Hardware Schedule that lists attic stock hardware items, key cabinets, key control system, special tools required to install hardware, lubricants, and Operations and Maintenance Manuals.
- b. Product Data: Furnish six copies of manufacturers' catalog sheets, specifications, sizing charts, and installation instructions, for each item specified. Highlight information pertaining specifically to product (s) submitted.
- c. Submit samples as requested.
- 3. Close Out Submittals: Submit as a complete package.
 - a. Operation and Maintenance Manuals: Furnish 2 hardcover three ring binders with the project name and number displayed on the front cover and spine. Include:
 - 1) List of Manufacturers
 - 2) Approved Finish Hardware Schedule
 - 3) Approved Manufacturers' Product Data Sheets
 - 4) Manufacturer's operation, installation, maintenance, and repair instructions for each type of hardware furnished
 - 5) Templates for kind of hardware furnished
 - 6) Parts List for each type of finish hardware furnished
 - 7) Manufacturers' dated written warranty for each type of finish hardware furnished
 - 8) Certifications: Written certification from Company Field Advisors that their products are installed according to manufacturers' printed installation instructions, are operating properly, and manufacturers' written warranty will be in effect upon physical completion of the Work
 - 9) Special Tools: List of special tools required to install hardware, and their purpose
 - b. Special Tools:
 - 1) At conclusion of finish hardware installation, turn over to Director's Representative 2 of each special tool required to install hardware together with a list of these tools and their purpose.

1.05 TEMPLATES

- A. After receipt of approved submittals, furnish templates to affected trades, to enable fabricators to make provision for finish hardware without delaying the Work of the Project.

1.06 DELIVERY AND STORAGE

- A. Coordinate delivery to avoid delay.

- B. Clearly label each item for identification and installation location as it corresponds to approved Finish Hardware Schedule.
- C. Deliver hardware to the jobsite in the manufacturers' original packages complete with fasteners, parts, installation instructions, and templates required for proper installation.
- D. Inventory hardware at jobsite to identify shortages or backorders. Resolve delivery shortages and damaged items prior to installing hardware.
- E. Store finish hardware where directed by Director's Representative. Provide locked, dry storage for finish hardware.

1.07 QUALITY ASSURANCE

- A. Hardware Distributor's Qualification
 - 1. Hardware Distributor who has been in the business of furnishing, and/or installing finish hardware for a minimum of three years
 - 2. Hardware Distributor shall have the DHI certified Architectural Hardware Consultant prepare or certify in writing the Finish Hardware Submittal meets specification requirements, and the schedule is written accurately and in accordance with DHI recommendations, and requirements of this specification.
- B. Company Field Advisors: Employ advisor(s) for continuous hinges, door bolts, mortise locksets, surface overhead stops, door closers, and gasketing.
- C. Installation Supervisor: Employ a qualified Installation Supervisor who will be responsible to ensure approved finished hardware is installed, adjusted and operates properly.
- D. Installers: Employ experienced finish hardware installers who have been regularly employed by a Company installing finish hardware for a minimum of 5 years.
- E. Pre-submittal Conference: Before Finish Hardware Submittals are written for submission, the Director's Representative will call a telephone conference to review Finish Hardware Submittal requirements including but not limited to format, cover sheet, headings, hardware sets, level of detail, installation notes, description of operation, keying, and product data sheets. The Contractor, the Finish Hardware Distributor, the Finish Hardware Detailer, and OGS Designers shall attend.
- F. On Site Pre-installation Conference: Before finish hardware installation begins, the Director's Representative will call a conference, led by the Designer, at the site, to review Finish Hardware Specifications, approved Finish Hardware Submittals, and to discuss requirements for the Work including:
 - 1. Hardware delivery and storage
 - 2. Hardware labeling by door number
 - 3. Hardware locations
 - 4. Potential location conflicts
 - 5. Hardware installation sequence and responsibility
 - 6. Required accessories and fasteners

7. Continuous hinge installation
8. Surface overhead stops and closer templating and adjustments
9. Special tools and maintenance items
10. The requirements of NFPA 80-2007
11. Hardware Closeout requirements
12. Hardware Warranties

The Construction Contractor, Company Field Advisors, authorized Finish Hardware Installers, Finish Hardware Distributor's Architectural Hardware Consultant, and the Consulting Finish Hardware Designer, shall attend conference. OGS designers and facility personnel may attend. The Company Field Advisors will present installation instruction and advice.

G. Pre-Bench-Mark Construction Meeting

1. Prior to the construction of the benchmark, a meeting will be held at the site to review the requirements, and discuss the intent of the benchmark. The meeting will be scheduled by the Director's Representative, and led by the Designer. The meeting shall be attended by the Director's Representative, the Designer, the Company Field Advisor(s), the Contractor's onsite foreman, the Supervisor of this phase of the Work, and the installer(s) who will be performing the Work.

H. Construction of the Benchmark

1. Before installing portions of the Work requiring Benchmarks, build Benchmarks for each form of construction and finish required to comply with the following requirements, using materials indicated for the completed Work.
 - a. Build hardware Benchmark in door and frame assembly, specified in section 081102, in locations as directed, and include continuous hinges, lockset, closer, surface overhead stop and gasketing.
 - b. Notify the Director's Representative in advance of dates and times when Benchmarks will be constructed.
 - c. Install Benchmark with supervisor oversight and workers that will be employed during the construction of the Work.
 - d. Construct Benchmarks using the exact materials, products, methods, and workmanship that were approved for the Work.
 - e. Obtain Director's Representative's approval of Benchmarks before starting work, fabrication, or construction.
 - f. Maintain Benchmarks during construction in an undisturbed condition as a standard for judging the completed Work.
 - g. Failure to maintain this standard of quality will be cause for rejection of the Work.
 - h. Benchmarks may be incorporated into the Work unless otherwise indicated.

I. Uniformity of Hardware and Single Source Responsibility: For each kind of hardware provide product(s) of a single manufacturer.

J. Size Variations: Manufacturers' products may vary slightly from sizes specified except where minimum size or thickness is specified.

1.08 WARRANTY

- A. Manufacturer's Warranty: Ten year minimum warranty for door closers.
- B. Manufacturer's Warranty: Three year minimum on locksets.

1.09 MAINTENANCE

- A. Special Tools: At the conclusion of finish hardware installation, turn over to Owner's Representative 2 sets of each special tools required for proper installation and adjustment of hardware, together with a list of these tools and their purpose.
- B. Lubricants: Provide manufacturer's recommended lubricants for locksets and closers sufficient for 1 year of maintenance. Turn over to Director's Representative.

PART 2 PRODUCTS

2.01 ACCESSORIES

- A. Provide brackets, plates, arms, spacers, and special templates to mount door closers in combination with overhead stops and coordinators, on narrow top rails and for special ceiling and jamb conditions.
- B. Provide curved lip strikes, with wrought boxes, specific to individual lock functions. Universal strikes that fit a variety of lock functions are not acceptable.

2.02 FASTENINGS

- A. Provide fasteners that harmonize with finish hardware material and finish.
- B. Provide torx center pin security fasteners for exposed hardware, including full mortise hinges.
- C. Provide machine screws for hardware secured to metal; and machine screws and metal expansion shields for attachment to masonry substrates. Self-tapping or self-drilling screws are not acceptable.
- D. Provide undercut shallow head torx center pin security fasteners where necessary for proper seating.
- E. Attach door closers with machine screws. Attach surface overhead stops with sex bolts.

2.03 MATERIALS AND FINISHES

- A. General: Requirements for design, grade, function, finish, size, and other distinctive qualities of each type of finish hardware are indicated in this section and in the Hardware Groups.

- B. Continuous Hinges
 1. Full height barrel-type manufactured from 14-gauge 304 stainless steel.
 2. .25" diameter stainless steel pins.
 3. Provide hinges without covers.

- C. Locks, Latches and Bolts
 1. Comply with UL requirements for throw of bolts and latch bolts on rated fire openings.
 2. Provide 3/4" minimum throw on other latch bolts.
 3. Provide 1" minimum throw deadbolts.

- D. Closers and Door Control Devices
 1. Closer bodies: Provide closer bodies with the same templated hole pattern regardless of type or application.
 2. Closer arms: Non-handed forged steel.
 3. Closer size: Provide sized closers unless otherwise specified..
 4. Provide all-weather fluid to eliminate seasonal adjustment of closer speed.
 5. Powder coat closer body, arm, and adapter plate or pre-treat closer body, arm, and adapter plate with rust-inhibiting coating before painted finish is applied.

2.04 FINISH HARDWARE

- A. Group 1:
 1. Continuous Hinge: 2ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
 2. Combination Flush Bolt Set: 1set - Rockwood 1845 x Torx with center security pin x 626
 3. High Security Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226(Store Door) LSJ x 630.
 4. Mortise Cylinder: 2ea - Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626
 5. Coordinator: 1ea - Rockwood 1660 x Torx with center security pin x black prime
 6. Coordinator Mounting Bracket: 3ea - Rockwood 1601AB or 1601C, per soffit size x Torx with center security pin x black prime
 7. Closer: 1ea – LCN 4211 x SRI x Torx with center security pin x AL (LH active leaf).
 8. Closer: 1ea – LCN 4211 x ST3456 arm x SRI x Torx with center security pin x AL (RH inactive leaf) **See installation note.**
 9. Kick Plate: 2ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 10. Mop Plate: 2ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 11. Overhead Stop: 1ea - Glynn Johnson 813S x thru-bolt x Torx with center security pin x 630 x inactive leaf only **See installation note.**
 12. Wall stop: 1ea – Rockwood 400/402 as required x Torx with center security pin x 626

13. Meeting Stile Smoke Gasketing: 2ea – National Guard 672A x Torx with center security pin .
14. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown
Install surface overhead stop; then install closer.

B. Group 2:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
2. High Security Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226(Store Door) LSJ x 630
3. Mortise Cylinder: 2ea - Corbin Russwin, to match Facility’s existing keying system, compatible with specified lock above x 626
4. Closer: 1ea – LCN 4511T x SRI x Torx with center security pin x AL
5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
7. Overhead Stop: 1ea – Glynn Johnson 814S x thru-bolt x Torx with center security pin x 630

C. Group 3:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
2. High Security Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226 (Store Door) LSJ x 630
3. Mortise Cylinder: 2ea - Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626
4. Closer: 1ea – LCN 4211 x ST3456 arm x SRI x Torx with center security pin x AL **See installation note.**
5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
7. Overhead Stop: 1ea – Glynn Johnson 814S x thru-bolt x Torx with center security pin x 630 **See installation note.**
Install surface overhead stop; then install closer.

D. Group 4:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226(Store Door) LSJ x 630
3. Mortise Cylinder: 2ea - Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626
4. Closer: 1ea – LCN 4211 x ST3456 arm SRI x Torx with center security pin x AL **See installation note.**
5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
7. Overhead Stop: 1ea – Glynn Johnson 814S x thru-bolt x Torx with center security pin x 630 **See installation note.**

8. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown
Install surface overhead stop; then install closer.
- E. Group 5:
1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
 2. Mortise Passage Set: 1ea - Sargent 3-36-SG-WBS-LC-9215 (Passage) LSJ x 630
 3. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 4. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 5. Concealed Overhead Stop: 1ea – Glynn Johnson 100S x ADJ x Torx with center security pin x 630
- F. Group 6:
1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
 2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226(Store Door) LSJ x 630.
 3. Mortise Cylinder: 2ea - Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626
 4. Closer: 1ea – LCN 4211 x SRI x Torx with center security pin x AL
 5. Electromagnetic Hold-Open (Wall Mount): 1 –ea Rixson 997 x armature extensions as required x Torx x 689 at Drs. C109, C128, C131, G108, G116, G133, G141, G143, G208, G214, G216, G233, G 241, G243.
 6. Electromagnetic Hold-Open (Floor Mount): 1 –ea Rixson 980 x armature extensions as required x Torx x 689 at Drs.C124,
 7. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 8. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 9. Wall stop: 1ea – Rockwood 402 x Torx with center security pin x 626
 10. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown
Installation Note: Coordinate location of Electromagnetic Hold open Devices with the E Contractor.
- G. Group 7:
1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
 2. Mortise Lockset: 1ea - Sargent 3-36-50-SG-WBS-LC-9226 (Store Door with occupancy indicator) LSJ x 630.
 3. Mortise Cylinder: 2ea - Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626.
 4. Closer: 1ea – LCN 4511T x SRI x Torx with center security pin x AL
 5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 7. Wall Stop: 1 - ea Rockwood 402 x Torx with center security pin x 626.

- H. Group 8:
1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
 2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226 (Store Door) LSJ x 630.
 3. Mortise Cylinder: 2ea - Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626
 4. Closer: 1ea – LCN 4511T x SRI x Torx with center security pin x AL
 5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 7. Overhead Stop: 1ea – Glynn Johnson 814S x thru-bolt x Torx with center security pin x 630
- I. Group 09:,
1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
 2. Mortise Lockset: 1ea - Sargent 3-36-50 SG-WBS-LC-9226 (Store Door with occupancy indicator) LSJ x 630.
 3. Mortise Cylinder: 2ea – Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626
 4. Closer: 1ea – LCN 4211 x SRI x Torx with center security pin x AL.
 5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 7. Wall Stop: 1- ea Rockwood 402 x Torx with center security pin x 626.
- J. Group 10
1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
 2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9204 (Store Room) LSJ x 630.
 3. Mortise Cylinder: 1ea - Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626
 4. Closer: 1ea – LCN 4511T x SRI x Torx with center security pin x AL
 5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 7. Overhead Stop: 1ea – Glynn Johnson 814S x thru-bolt x Torx with center security pin x 630
 8. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown
- K. Group 11:
1. Hinge: 3ea –Stanley FBB199 NRP 4 ½ x 4 ½ x Torx with center security pin x 630
 2. Mortise Lockset: 1ea – Sargent 3-36-SG-WBS-LC-9204 (Store Room) LSJ x 630.
 3. Mortise Cylinder: 1ea – Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626

4. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 5. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 6. Wall stop: 1ea – Rockwood 402 x Torx with center security pin x 626
- L. Group 12:
1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
 2. Mortise Lockset: 1ea - Sargent 3-36-50 SG-WBS-LC-9226 (Store Door with occupancy indicator) LSJ x 630.
 3. Mortise Cylinder: 2ea - Corbin Russwin, to match Facility’s existing keying system, compatible with specified lock above x 626
 4. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 5. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 6. Wall stop: 1ea – Rockwood 402 x Torx with center security pin x 626
- M. Group 13:
1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked "Top" x Torx with center security pin x 630
 2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226(Store Door) LSJ x 630.
 3. Mortise Cylinder: 2ea - Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626
 4. Closer: 1ea – LCN 4511T x SRI x Torx with center security pin x AL
 5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 7. Overhead Stop: 1ea – Glynn Johnson 814S x thru-bolt x Torx with center security pin x 630
 8. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown
- N. Group 14
1. Spring Hinges: 3ea – Bommer LB4310 4 ½ x 4 ½ x Torx with center security pin x 630
 2. Mortise Lockset: 1ea – Sargent 3-36-SG-WBS-LC-9204 (Store Room) LSJ x 630.
 3. Mortise Cylinder: 1ea – Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626
 4. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 5. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 7. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown
- O. Group 15:
1. Spring Hinges: 3ea – Bommer LB4310 4 ½ x 4 ½ x Torx with center security pin x 630

2. Mortise Lockset: 1ea – Sargent 3-36-SG-WBS-LC-9204 (Store Room) LSJ x 630.
3. Mortise Cylinder: 1ea – Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626
4. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
5. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
6. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown
7. Wall Stop: 1 – Rockwood 402 x Torx with center security pin x 626.

P. Group 16:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked "Top" x Torx with center security pin x 630
2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226 (Store Door) LSJ x 630.
3. Mortise Cylinder: 2ea – Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626
4. Closer: 1ea – LCN 4211 x ST3456 arm x SRI x Torx with center security pin x AL **See installation note.**
5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
7. Overhead Stop: 1ea – Glynn Johnson 814S x thru-bolt x Torx with center security pin x 630 **See installation note.**
8. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown
Install surface overhead stop; then install closer.

Q. Group 17

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked "Top" x Torx with center security pin x 630
2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226 (Store Door) LSJ x 630.
3. Mortise Cylinder: 2ea - Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626
4. Closer: 1ea – LCN 4511T x SRI x Torx with center security pin x AL
5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
7. Wall stop: 1ea – Rockwood 402 x Torx with center security pin x 626

R. Group 18:

1. Continuous Hinge: 2ea – Zero 919 STST x HT x marked "Top" x Torx with center security pin x 630
2. Combination Flush Bolt Set: 1set - Rockwood 1845 x Torx with center security pin x 626
3. Mortise Lockset: 1ea Sargent 3-36-SG-WBS-LC-9226 (Store Door) LSJ x 630.
4. Mortise Cylinder: 2ea - Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626

5. Coordinator: 1ea - Rockwood 1660 x Torx with center security pin x black prime
 6. Coordinator Mounting Bracket: 4ea - Rockwood 1601AB or 1601C, per soffit size x Torx with center security pin x black prime
 7. Closer: 2ea – LCN 4211 x ST3456 arm x SRI x Torx with center security pin x AL (RH inactive leaf) **See installation note.**
 8. Kick Plate: 2ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 9. Mop Plate: 2ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 10. Overhead Stop: 2ea - Glynn Johnson 813S x thru-bolt x Torx with center security pin x 630 x inactive leaf only **See installation note.**
 11. Meeting Stile Smoke Gasketing: 13. Meeting Stile Smoke Gasketing: 2ea – National Guard 672A x Torx with center security pin .
 12. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown
Install surface overhead stop; then install closer.
- S. Group 19:
1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked "Top" x Torx with center security pin x 630
 2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9204 (Store Room) LSJ x 630.
 3. Mortise Cylinder: 1ea - Corbin Russwin, to match Facility’s existing keying system, compatible with specified lock above x 626
 4. Closer: 1ea – LCN 4211 x ST3456 arm x SRI x Torx with center security pin x AL **See installation note.**
 5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 7. Overhead Stop: 1ea – Glynn Johnson 814S x thru-bolt x Torx with center security pin x 630 **See installation note.**
 8. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown
- T. Group 20:
1. Continuous Hinge: 1ea – Zero 919 STST x 630 x HT x marked “Top” x Torx with center security pin x 630
 2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226 (Store Door) LSJ x 630.
 3. Mortise Cylinder: 2ea - Corbin Russwin, to match Facility’s existing keying system, compatible with specified lock above x 626
 4. Closer: 1ea – LCN 4211 x SRI x Torx with center security pin x AL
 5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 7. Wall stop: 1ea – Rockwood 402 x Torx with center security pin x 626
 8. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown
- U. Group 21:
1. Continuous Hinge: 2ea – Zero 919 STST x HT x marked "Top" x Torx with center security pin x 630

2. Combination Flush Bolt Set: 1set - Rockwood 1845 x Torx with center security pin x 626
3. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226 (Store Door) LSJ x 630.
4. Mortise Cylinder: 2ea - Corbin Russwin, to match Facility's existing keying system, compatible with specified lock above x 626
5. Coordinator: 1ea - Rockwood 1660 x Torx with center security pin x black prime
6. Coordinator Mounting Bracket: 2ea - Rockwood 1601AB or 1601C, per soffit size x Torx with center security pin x black prime
7. Closer: 2ea – LCN 4511T x SRI x Torx with center security pin x AL
8. Kick Plate: 2ea – Rockwood K1062 10" x 1 ½" LDW x B4E x Torx with center security pin x 630
9. Mop Plate: 2ea – Rockwood K1062 4" x ½" LDW x B4E x Torx with center security pin x 630
10. Overhead Stop: 2ea - Glynn Johnson 813S x thru-bolt x Torx with center security pin x 630
11. Meeting Stile Smoke Gasketing: 2ea – National Guard 672A x Torx with center security pin .
12. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown

V. Group 22:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked "Top" x Torx with center security pin x 630
2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226(Store Door) LSJ x 630.
3. Mortise Cylinder: 2ea - Corbin Russwin, to match Facility's existing keying system, compatible with specified lock above x 626
4. Closer: 1ea – LCN 4211 x ST3456 arm x SRI x Torx with center security pin x AL **See installation note.**
5. Kick Plate: 1ea – Rockwood K1062 10" x 1 ½" LDW x B4E x Torx with center security pin x 630
6. Mop Plate: 1ea – Rockwood K1062 4" x ½" LDW x B4E x Torx with center security pin x 630
7. Overhead Stop: 1ea – Glynn Johnson 813S x thru-bolt x Torx with center security pin x 630 **See installation note.**
Install surface overhead stop; then install closer.

W. Group 23

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked "Top" x Torx with center security pin x 630
2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226 (Store Door) LSJ x 630.
3. Mortise Cylinder: 2ea - Corbin Russwin, to match Facility's existing keying system, compatible with specified lock above x 626
4. Closer: 1ea – LCN 4211 x SRI x Torx with center security pin x AL
5. Kick Plate: 1ea – Rockwood K1062 10" x 1 ½" LDW x B4E x Torx with center security pin x 630
6. Mop Plate: 1ea – Rockwood K1062 4" x ½" LDW x B4E x Torx with center security pin x 630
7. Wall stop: 1ea – Rockwood 402 x Torx with center security pin x 630 except at Dr E106A.

8. Floor Stop: 1 – Rockwood 463 x Torx with center security pin x 630 at Dr E106A only.

X. Group 24:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked "Top" x Torx with center security pin x 630
2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226 (Store Door) LSJ x 630.
3. Mortise Cylinder: 2ea - Corbin Russwin, to match Facility's existing keying system, compatible with specified lock above x 626
4. Closer: 1ea – LCN 4211 x ST3456 arm x SRI x Torx with center security pin x AL **See installation note.**
5. Kick Plate: 1ea – Rockwood K1062 10" x 1 ½" LDW x B4E x Torx with center security pin x 630
6. Mop Plate: 1ea – Rockwood K1062 4" x ½" LDW x B4E x Torx with center security pin x 630
7. Overhead Stop: 1ea – Glynn Johnson 814S x thru-bolt x Torx with center security pin x 630 **See installation note.**
Install surface overhead stop; then install closer.

Y. Group 25:

1. Hinge: 3ea – HTFBB199 4 ½ x 4 ½ x Torx with center security pin x 630
2. Mortise Lockset: 1ea – Sargent 3-36-SG-WBS-LC-9204 (Store Room) LSJ x 630.
3. Mortise Cylinder: 1ea – Corbin Russwin, to match Facility's existing keying system, compatible with specified lock above x 626
4. Closer: 1 – ea LCN 4511T x SRI x Torx with center security pin x AL
5. Kick Plate: 1ea – Rockwood K1062 10" x 1 ½" LDW x B4E x Torx with center security pin x 630
6. Mop Plate: 1ea – Rockwood K1062 4" x ½" LDW x B4E x Torx with center security pin x 630
7. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown

Z. Group 26:

1. Continuous Hinge: 1ea – Zero 919 STST x 630 x HT x marked "Top" x Torx with center security pin x 630
2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226 (Store Door) LSJ x 630.
3. Mortise Cylinder: 2ea - Corbin Russwin, to match Facility's existing keying system, compatible with specified lock above x 626
4. Closer: 1ea – LCN 4514T x SRI x Torx with center security pin x AL
5. Kick Plate: 1ea – Rockwood K1062 10" x 1 ½" LDW x B4E x Torx with center security pin x 630
6. Mop Plate: 1ea – Rockwood K1062 4" x ½" LDW x B4E x Torx with center security pin x 630
7. Overhead Stop: 1ea – Glynn Johnson 815S x thru-bolt x Torx with center security pin x 630
8. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown

- AA. Group 27:
1. Hinge: 3ea – HTFBB199 4 ½ x 4 ½ x Torx with center security pin x 630
 2. Mortise Lockset: 1ea – Sargent 3-36-SG-WBS-LC-9204 (Store Room) LSJ x 630.
 3. Mortise Cylinder: 1ea – Corbin Russwin, to match Facility’s existing keying system, compatible with specified lock above x 626
 4. Closer: 1ea – LCN 4211 x SRI x Torx with center security pin x AL
 5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 7. Wall stop: 1ea – Rockwood 402 x Torx with center security pin x 630
 8. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown
- AB. Group 28
1. Continuous Hinge: 1 ea Zero 19191 STST x HT x marked “Top” x torx with center pin x 630.
 2. Roller Latch: 1 – Trimco 1554 z 626 x torx.
- AC. Group 29:
1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
 2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9215 (Passage Set) LSJ x 630.
 3. Closer: 1ea – LCN 4211 x SRI x Torx with center security pin x AL
 4. Kick Plate: 1ea – Rockwood K1062 12” x 1 ½” LDW x B4E x Torx with center security pin x 630
 5. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 6. Wall stop: 1ea – Rockwood 402 x Torx with center security pin x 626
 7. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown
- AD. Group 30:
1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
 2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9215 (Passage Set) LSJ x 630.
 3. Closer: 1ea – LCN 4511T x SRI x Torx with center security pin x AL
 4. Kick Plate: 1ea – Rockwood K1062 12” x 1 ½” LDW x B4E x Torx with center security pin x 630
 5. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
 6. Wall stop: 1ea – Rockwood 402 x Torx with center security pin x 626
- AE. Group 31:
1. Continuous Hinge: 2ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
 2. Combination Flush Bolt Set: 1set - Rockwood 1845 x Torx with center security pin x 626
 3. High Security Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226(Store Door) LSJ x 630.

4. Mortise Cylinder: 2ea - Corbin Russwin, to match Facility's existing keying system, compatible with specified lock above x 626
5. Coordinator: 1ea - Rockwood 1660 x Torx with center security pin x black prime
6. Coordinator Mounting Bracket: 2ea - Rockwood 1601AB or 1601C, per soffit size x Torx with center security pin x black prime
7. Closer: 1ea – LCN 4211 x SRI x Torx with center security pin x AL (LH active leaf).
8. Closer: 1ea – LCN 4211 x ST3456 arm x SRI x Torx with center security pin x AL (RH inactive leaf) **See installation note.**
9. Kick Plate: 2ea – Rockwood K1062 10" x 1 ½" LDW x B4E x Torx with center security pin x 630
10. Mop Plate: 2ea – Rockwood K1062 4" x ½" LDW x B4E x Torx with center security pin x 630
11. Wall stop: 2ea – Rockwood 402 x Torx with center security pin x 626
12. Meeting Stile Smoke Gasketing: 2ea – National Guard 672A x Torx with center security pin .
13. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown

AF. Group 32:

1. Continuous Hinge: 2ea – Zero 919 STST x HT x marked "Top" x Torx with center security pin x 630
2. Combination Flush Bolt Set: 1set - Rockwood 1845 x Torx with center security pin x 626
3. High Security Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9226(Store Door) LSJ x 630.
4. Mortise Cylinder: 2ea - Corbin Russwin, to match Facility's existing keying system, compatible with specified lock above x 626
5. Coordinator: 1ea - Rockwood 1660 x Torx with center security pin x black prime
6. Coordinator Mounting Bracket: 2ea - Rockwood 1601AB or 1601C, per soffit size x Torx with center security pin x black prime
7. Closer: 1ea – LCN 4211 x SRI x Torx with center security pin x AL (LH active leaf).
8. Closer: 1ea – LCN 4211 x ST3456 arm x SRI x Torx with center security pin x AL (RH inactive leaf) **See installation note.**
9. Kick Plate: 2ea – Rockwood K1062 10" x 1 ½" LDW x B4E x Torx with center security pin x 630
10. Mop Plate: 2ea – Rockwood K1062 4" x ½" LDW x B4E x Torx with center security pin x 630
11. Wall stop: 1ea – Rockwood 402 x Torx with center security pin x 626.
12. Floor Stop: 1 – ea Rockwood 463 x Torx with center security pin x 626.
13. Meeting Stile Smoke Gasketing: 2ea – National Guard 672A x Torx with center security pin .
14. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown

AG. Group 33:

1. Continuous Hinge: 2ea – Zero 919 STST x HT x marked "Top" x Torx with center security pin x 630
2. Concealed Vertical Rod Exit devices: 2 – ea Precision FL2801 x 4901 x Torx with center pin x 630.
3. Closer: 2ea – LCN 4211 x SRI x Torx with center security pin x AL

4. Electromagnetic Hold-opens: 2 – ea Rixson 998 x armature extensions as required x Torx with center security pin x 24V AC/DC x 689.
5. Kick Plate: 2ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
6. Mop Plate: 2ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
7. Meeting Stile Smoke Gasketing: 2ea – National Guard 672A x Torx with center security pin .
8. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown

AH. Group 34

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9204 (Store Room) LSJ x 630.
3. Mortise Cylinder: 1ea - Corbin Russwin, to match Facility’s existing keying system, compatible with specified lock above x 626.
4. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630.
5. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630.
6. Wall Stop: 1ea – Rockwood 402 x Torx with center security pin x 626.

AI. Group 35

1. Cylinder: 1 – Corbin Russwin, to match Facility’s existing keying system, Mortise or Rim cylinder , as required, compatible with Keyswitch as specified in Section 083331.

AJ. Group 36:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
2. Mortise Lockset: 1ea - Sargent 3-36-76-SG-WBS-LC-9226(Store Door) LSJ x 630.
3. Mortise Cylinder: 2ea - Corbin Russwin, to match Facility’s existing keying system, compatible with specified lock above x 626
4. Closer: 1ea – LCN 4211 x SRI x Torx with center security pin x AL
5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
7. Wall stop: 1ea – Rockwood 402 x Torx with center security pin x 626
8. Smoke Seals: 1set – DHSI CNS105 x anti-ligature x dark brown

AK. Group 37:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9205 (Entry) LSJ x 630.
3. Mortise Cylinder: 2ea – Corbin Russwin, to match Facility’s existing keying system, compatible with specified lock above x 626
4. Closer: 1ea – LCN 4511T x SRI x Torx with center security pin x AL

5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
7. Overhead Stop: 1ea – Glynn Johnson 814S x thru-bolt x Torx with center security pin x 630

AL. Group 38:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
2. Mortise Lockset: 1ea - Sargent 3-36-76-SG-WBS-LC-9226(Store Door) LSJ x 630.
Mortise Cylinder: 2ea – Corbin Russwin, to match Facility’s existing keying system, compatible with specified lock above x 626
3. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
4. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
5. Wall stop: 1ea – Rockwood 402 x Torx with center security pin x 626

AM. Group 39:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
2. Gate Lock: 1ea - Marks 3700 x Double Cylinder x less cylinders x bronze powder coat.
3. Mortise Cylinder: 2ea – Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x cylinders rings x 626.
4. Wall stop: 1ea – Rockwood 402 x Torx with center security pin x 626

AN. Group 40:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
2. Mortise Lockset: 1ea - Sargent 3-36-SG-WBS-LC-9205 (Entry) LSJ x 630.
3. Mortise Cylinder: 2ea – Corbin Russwin, to match Facility’s existing keying system, compatible with specified lock above x 626
4. Closer: 1ea – LCN 4511T x SRI x Torx with center security pin x AL
5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
7. Wall stop: 1ea – Rockwood 402 x Torx with center security pin x 626

AO. Group 41

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
2. Mortise Lockset: 1ea - Sargent 3-36-50 SG-WBS-LC-9226 (Store Door with occupancy indicator) LSJ x 630.
3. Mortise Cylinder: 2ea – Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626

4. Overhead Stop: 1ea – Glynn Johnson 814S x thru-bolt x Torx with center security pin x 630
 5. Closer: 1ea – LCN 4211 x ST3456 x SRI x Torx with center security pin x AL. **See installation note**
 6. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
 7. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630
- Install surface overhead stop; then install closer.**

AP. Group 42

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x Torx with center security pin x 630
2. Mortise Lockset: 1ea - Sargent 3-36-50 SG-WBS-LC-9226 (Store Door with occupancy indicator) LSJ x 630.
3. Mortise Cylinder: 2ea – Corbin Russwin,, to match Facility’s existing keying system, compatible with specified lock above x 626
4. Overhead Stop: 1ea – Glynn Johnson 814S x thru-bolt x Torx with center security pin x 630
5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x Torx with center security pin x 630
6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x Torx with center security pin x 630

AQ. Special Group: Furnish a quantity of 1 (one) as follows:

1. 300 Key Blanks to match existing key system
2. 1 set Special Tools: See paragraph 1.09 A.
3. Lubricants: See paragraph 1.09 B.
4. 2ea Maintenance and Operations Manuals

2.05 KEYING

A. Continue existing Corbin Russwin key system established for Facility.

1. Establish factory masterkey for this project without the possibility of top level keying.
2. Stamp key symbol on one side of key, and “Do Not Duplicate” on other side of key.
3. Furnish one copy of factory bitting list to facility.
4. Factory key cylinders.
5. Furnish 3 cut keys for each master key.
6. Furnish 7 cut keys for each keyed lockset.
7. These cut key quantities are for bidding purposes only. Actual number of cut keys required will be determined at keying meeting.
8. When lockset and cylinder are by different manufacturers, identify and furnish correct cylinder cam to operate lockset.
9. Provide compression rings and spacers to achieve proper spacing relationship between cylinder and face of door.

B. Keying Conference

1. Immediately following contract award, Director’s Representative will schedule a keying conference to develop a written key schedule that reflects Facility’s specific keying requirements.

- Facility Representative(s), Hardware Distributor, and OGS's Hardware Designer will attend.
2. Incorporate this schedule in Finish Hardware Submittals for approval.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine doors and frames and related items for conditions such as, but not limited to, incorrect handing, hardware preparation, misaligned lock and strike preparations, that would prevent proper application of finish hardware. Do not proceed until defects are corrected.
- B. Report conditions or hardware applications that are incorrect to the Director's Representative.

3.02 INSTALLATION

- A. Do not proceed with installation of finish hardware prior to attending referenced Pre-installation Conference.
- B. Installation Sequence: Use proper installation sequence, i.e., install coordinators, and overhead stops before surface mounted door closers.
- C. Install hardware in accordance with manufacturer's printed installation instructions, and adjust for smooth operation, free of sticking, binding or rattling.
 1. Template surface overhead stops for proper operation.
 2. Template and adjust closers for proper operation.
- D. Use proper tools and methods to prevent scratches, burrs or other defacement.
- E. Threshold Installation:
 1. Drill holes 3 inches from each end of threshold and intermediate holes 12 inches maximum on center for required fasteners. Prepare holes for countersunk fasteners.
 2. Level and align thresholds with frames and doors. Where required, use non-corrosive shims.
 3. Exterior Doors: Set thresholds in a solid bed of Type 3 sealant.
 4. Secure thresholds to substrate with countersunk fasteners.
- F. Door Bottom Installation:
 1. Mount sweep type door bottom protection/drip caps on exterior side of doors.
 2. Before mounting apply Type 2 sealant on the back side of bearing surface. Secure to door with required fasteners.
- G. Gasketing Installation:
 1. Install continuous stripping at each opening without unnecessary interruptions.

2. Where fasteners are required, secure fasteners for stripping and seals so they will not work loose during door operation. Exposed heads of fasteners shall be free of sharp edges.
 3. Coordinate meeting stile gasketing with hardware before installation.
 4. Install units plumb and level at the optimum location to maintain a permanent effective seal.
- H. After installation, cover and protect hardware to prevent damage during remaining construction. Remove protection upon completion of construction.

3.03 LOCATIONS

- A. Locate hardware as follows:
1. Door Closers: Template for maximum door swing allowed by wall placement and jamb conditions. Where overhead stop prevents door from swinging to wall, template closer to exceed degree of opening allowed by overhead stop.
 2. Protection Plates: 1/8 inch from door bottom.
 3. Wall Stops: Centerline of bumper to match centerline of locking trim.

3.04 FIELD QUALITY CONTROL

- A. Post Installation Review: After hardware is adjusted for proper operation, Director's Representative will hold a Post-Installation Review with the Contractor, Hardware Designer, Company Field Advisors, Hardware Distributor and Hardware Installers.
1. Physically inspect to verify proper application, installation, adjustment and operation of finish hardware, and in particular that:
 - a) Latches engage freely without binding. Filing of strike plates to relieve latch bind is not acceptable.
 - b) Closers are adjusted for proper spring power; sweep speed, latching speed; and hydraulic back check.
 - c) Locations and proper attachment of installed protective hardware are as specified.
 - d) There is no field modification of fasteners.
 - e) Damaged fasteners are replaced.
 2. Defective hardware is repaired or replaced.
 3. Hardware is to be left clean and free from disfigurement.
- B. Turn referenced Operations and Maintenance Manuals over to Facility through Director's Representative.

END OF SECTION

FH/ceh

SECTION 111901

DETENTION EQUIPMENT

PART 1 GENERAL

1.01 RELATED WORK SPECIFIED ELSEWHERE

- A. Finish Hardware: Section 087100.
- B. Security Glazing: Section 088853.
- C. Detention Accessories: Section 111902.

1.02 REFERENCES

- A. Welding Standards: Structural Welding Code - Steel, AWS D1.1 or Structural Welding Code - Sheet Steel, AWS D1.3, as applicable, by the American Welding Society (AWS Codes).
- B. Materials and Finishes Standard: ANSI/BHMA A156.18-2000, American National Standard for Materials and Finishes.
- C. Conform to the requirements of the National Electric Code.

1.03 DEFINITIONS

- A. Technical Advisor(s): Full time employee of the Company that manufactures detention equipment and systems, and detention hardware and accessories, who is certified in writing by the Company to be technically qualified in the design, installation, operation, and servicing of the required products.

1.04 SUBMITTALS

- A. Waiver of Submittals: The Waiver of Certain Submittal Requirements in Section 013300 does not apply to this Section.
- B. Submittal Packages: Submit the Quality Assurance Package prior to other submittal packages. After Quality Assurance Package is approved, submit the Detention Equipment Package and Detention Hardware Package specified below at the same time.
 - 1. Re-Evaluation Fee: There will be a fee of \$500 levied against the Contractor for each re-evaluation of any Submittal Package submission that was returned for failure to comply with the submittal requirements relative to completeness, content or format. The fee will be deducted from the contract amount by order on contract.
- C. Quality Assurance Package:
 - 1. Equipment Manufacturer's Qualifications:

- a. Names, addresses and facility contacts of 5 similar projects where manufacturer's detention equipment and hardware has been in operation for a minimum of 3 years.
 2. Equipment Installation Company Qualifications:
 - a. Name, business address and telephone numbers of the installation company.
 - b. Provide a comprehensive history of the Installation Company.
 - c. Names, addresses and facility contacts of 5 similar projects company has completed in past 3 years.
 - d. Current written certification from the detention equipment manufacturer the company installing the Work has successfully completed factory training and is qualified as a Detention Equipment Contractor.
 3. Equipment Installer's Qualifications:
 - a. Name of person providing on-site supervision of the installation and completion of Work of this section.
 - b. Names, addresses and facility contacts of 5 similar projects this person has supervised in the past 3 years.
 - c. Current written certification from the detention equipment manufacturer the person providing on-site supervision of the Work has successfully completed training and is qualified in the installation of the accepted detention products.
 4. Technical Advisor's Qualifications:
 - a. Name, business address and telephone numbers of technical advisor(s).
 - b. Written certification from detention equipment and detention hardware manufacturers that advisor is technically qualified in design, installation and servicing of products.
- D. Detention Equipment Package:
 1. Shop Drawings: Show relationship of detention equipment with other Work.
 - a. Furnish details of all major components and show all accessories.
 - b. Include parts list showing manufacturers' names and parts numbers for complete installation.
 - c. Indicate shop and field welds by standard AWS welding symbols.
 2. Product Data: Catalog sheets, specifications and installation instructions for accessories, and each type of switch, control, and motor. Identify each item and component.
- E. Detention Hardware Package:
 1. Hardware Schedule: Use a vertical schedule layout. Horizontal hardware schedules are not acceptable
 2. Preface the schedule with the following:
 - a. Door Index
 - b. List of Manufacturers
 - c. List and explanation of finishes
 - d. List and explanation of abbreviations.

- e. Keying schedule, keying instructions and key code. Include the type lock used for the individual openings.
 3. For Each Opening Include the Following:
 - a. Material and dimensions of doors, frames and gates.
 - b. Location and Handing
 - c. Fire Rating.
 - d. Detention hardware required to complete the Work of this Section.
 4. Create detention hardware groups, each group consisting of similar detention doors and detention hardware. Do not combine labeled and non-labeled openings.
 - a. Arrange by Buildings if required, and in groups; each group consisting of similar doors gates and hardware.
 - b. Include manufacturers' names, catalog numbers, sizes and finishes.
 - c. Product quantities are not checked for accuracy.
 5. Under each group heading, list hardware items in detail required for ordering. For each item Include:
 - a. Quantity (3 ea)
 - b. Type (3 ea Hinges)
 - c. Manufacturers' Name (3 ea Hinges Brookfield)
 - d. Size and Catalog number (3 ea Hinges Brookfield I-8513)
 - e. Accessories and options (3 ea Hinges Brookfield I-8513 x application "C").
 - f. Finish (3 ea Hinges Brookfield I-8513 x application "C" x US32D.
 - g. Fasteners (3 ea Hinges Brookfield I-8513 x application "C" x US32D x Torx)
 6. Product Data: Furnish 2 Catalog sheets, specifications, and installation instructions for each item of detention hardware required to complete Work of this Section. Identify and highlight information pertaining specifically the items and components submitted for this project.
- F. Contract Closeout Submittals:
1. Operation and Maintenance Data For Detention Equipment: Deliver 3 copies of instructions for operation, maintenance, recommendations, and parts manuals covering the installed products to the Director's Representative.
 2. Operation and Maintenance Data For Detention Hardware: Deliver 3 copies of instructions, maintenance, and parts manuals covering the installed products to the Director's Representative.
 4. Certification: Deliver to the Director's Representative written certification from the detention equipment manufacturer(s) that the detention equipment systems, the detention locks, and the accessories are installed correctly and operating properly.
 5. Maintenance Kit.

1.05 TEMPLATES

- A. After receipt of approved submittals, furnish updated, required templates to the affected trades to enable the fabricators to make proper provision for hardware without delaying job progress.

1.06 QUALITY ASSURANCE

- A. **Equipment Manufacturer's Qualifications:** The manufacturer of detention hardware and detention equipment shall be regularly engaged in the production of such products, shall have furnished such products for 5 similar projects that have been in operation for a minimum of 3 years, and is subject to the Director's approval.
- B. **Installation Company Qualifications:** The Company installing the Work of this Section shall be experienced in detention equipment work, and shall have been engaged in the assembly and installation of detention equipment for a minimum of 3 years.
- C. **Installer's Qualifications:** The person supervising the Work of this Section shall be experienced in detention equipment work, and shall have been engaged in the assembly and supervision of installation of detention equipment for a minimum of 3 years.
- D. **Technical Advisor:** In addition to being present at the site for the Pre-Installation Conference and the Post Installation Inspection, secure the services of a Technical Advisor for a minimum of two site inspections for the following:
 - 1. Render technical assistance to the Installer regarding installation procedures of the detention equipment.
 - 2. Familiarize the Director's Representative with the aspects of proper installation and operation of the detention equipment.
 - 3. Witness final systems test, and certify with an affidavit that the system is installed correctly and is operating properly.
 - 4. Answer questions which might arise.
- E. **Pre-Installation Conference:** Before the detention equipment is scheduled to be installed, the Director's Representative will call a conference at the site, for the purpose of reviewing the Contract Documents, shop drawings, approved submissions, and the requirements of the Work. The contractor and installer shall attend. Other participants may be invited at the discretion of the Director.
- F. **Galvanizing Stamp:** Stamp galvanized items with name of the galvanizer, weight of coating, and applicable ASTM number.
- G. **Uniformity of Detention Equipment Systems:** Provide detention equipment systems specified in this Section from the same manufacturer.
 - 1. Provide (insert name of Company) detention equipment manufactured by Southern Folger Detention Equipment Company.

1.07 DELIVERY

- A. Coordinate delivery of anchors and other accessories to be built into other Work, to avoid delay. Furnish instructions and templates to the affected trades as required for accurate location.
- B. The manufacturer of the prison lock keys shall notify the Director's Representative, Mark Barker at (315) 339 6820 and the Facility Deputy Superintendent for Administration, Susan Fortin at (315) 339-5232, a minimum of two days in advance of shipping keys. Ship all prison lock keys through the United States Postal Service, direct from manufacturer, via Registered Mail, Restricted Delivery, Return Receipt Requested, to:

Deputy Superintendent for Administration
Susan Fortin
Mohawk Correctional Facility
6514 State Route 26
Rome, New York 13440

1.08 MAINTENANCE

- A. Maintenance Materials:
 - 1. Hand Tool Maintenance Kit(s): Lockable steel tool box each containing one set of all hand tools and fasteners necessary to perform preventative maintenance and repairs of detention equipment, and locking system devices. This list includes but is not limited to the following:
 - a. Box/open end wrenches from 1/4" thru 3/4".
 - b. 3/8" drive socket set from 3/8" thru 3/4" (six point) with the 3" and 6" extensions.
 - c. Pliers, flat blade screw driver, 10" crescent wrench and a Hex Key set that set that includes a size 5/32".
 - d. Mechanics mirror.
 - e. Flashlight with batteries.
 - f. One complete Torx kit and driver.
 - g. Acceptable Manufacturers: Craftsman or Snap-On with lifetime warranty.
 - h. This is not a complete list of required tools, but it is a representation of the type needed for service and repair of the devices.
 - 3. Required amounts of recommended lubricants for 3 years service.
 - 4. Extra Material: For every 20 units installed (or fraction thereof), furnish one detention accessory manufacturer's factory finish touch-up kit for the factory finish specified.
 - a. Store touch-up kit at the site where directed.
 - b. Label kit to identify unit and location.

PART 2 PRODUCTS

2.01 DETENTION EQUIPMENT COMPANIES

- A. ABUS Lock Company, 23910 N. 19th Ave., Suite No. 56, Phoenix, AZ 85085, (800) 352-2287, www.abuslock.com.
- B. American Jail Products, LLC, 4 Van Buren St., Troy, NY 12180, (518) 271-6560, www.americanjailproducts.com.
- C. R. R. Brink Locking Systems, Inc., 500 Earl Road, Shorewood, IL 60431, (815) 744-7000, www.rrbrink.com.
- D. Brookfield Industries, Inc., 99 W. Hillside Ave. Thomaston, CT 06787-1433, (860) 283-6211, www.brookfieldindustries.com.
- E. Hilti, Inc., P.O. Box 21148, Tulsa, OK 74121, (800) 879-8000, www.us.hilti.com.
- F. Ingersoll-Rand Company:
 - 1. LCN, P. O. Box 100, Princeton, IL 61356-0100, (800) 526-2400, www.lcnclousers.com.
 - 2. Glynn-Johnson Door Control Hardware, 2720 Tobey Drive, Indianapolis, IN 46219, (800) 525-0336, www.ingersoll-rand.com.
 - 3. H. B. Ives Hardware Company, P. O. Box 5035, 62 Barnes Park North, Wallingford, CT 06508, (800) 820-5542.
- G. Markar Products Inc., 68 Ward Road, Lancaster, NY 14086-9779, (800) 866-1688, www.markar.com.
- H. Maximum Security Products Corporation, 3 Schoolhouse Lane, Waterford, NY 12188, (518) 233-1800, www.maximumsecuritycorp.com.
- I. Southern Folger Detention Equipment Company, 4634 South Presa St., San Antonio, TX 78223, (210) 533-1231, www.southernfolger.com.
- J. Sentry Security Fasteners Inc., 8208 N. University St., Peoria, IL 61615, (309) 693-2800.
- K. Stanley Works, 480 Myrtle St., New Britain, CT 06050, (800) 622-4393, www.stanleyworks.com.
- L. Tanner Bolt and Nut Corporation, 4302 Glenwood Road, Brooklyn, NY 11210. (718) 43404500.

2.02 MATERIALS

- A. Steel Grating (Bar Grillage): Open-hearth, or electric furnace, mild steel produced especially for detention use.
 - 1. Round Bars: Double-ribbed bars fabricated to interlock with flat bars without reducing bar diameter.

2. Flat Bars: ASTM A 29.
- B. Steel Plate: Open-hearth mild steel produced especially for detention use; ASTM A 36.
 - C. Steel Tubing: Hot-formed, welded or seamless, structural tubing; ASTM A 501.
 - D. Miscellaneous Steel Shapes and Bars: ASTM A 36, unless otherwise specified or indicated.
 - E. Cold-Finished Steel Bars: ASTM A 108, grade as selected by the fabricator.
 - F. Steel Sheet:
 1. Hot-Rolled Steel Sheets and Strip: Commercial quality carbon steel pickled and oiled, complying with ASTM A 569 and ASTM A 568.
 2. Cold-Rolled Steel Sheets: Commercial quality carbon steel, complying with ASTM A 366 and ASTM A 568.
 - G. Stainless Steel: Type 304; ASTM A 666 for plate, sheet and strip; ASTM A 276 for bars and shapes; US32D (630), unless otherwise specified or indicated.
 - H. Steel Rods For Woven Rod Mesh Partitions, Doors, Gates, and Panels:
 1. Steel Rods Not To Be Galvanized: 3/8 inch diameter, oil tempered steel rods, with a hardness on the Rockwell C Scale between 38 and 42.
 2. Steel Rods To Be Galvanized: 3/8-inch diameter, mild steel, low carbon rod.
 - a. Steel to have a maximum Carbon content of 0.26%.
 - b. Maximum ultimate tensile strength shall be 80 ksi.
 - I. Anchors:
 1. Threaded-Type Concrete Inserts: Galvanized ferrous casting, internally threaded to receive 3/4 inch diameter machine bolt; either malleable iron or cast steel.
 2. Wedge-Type Concrete Inserts: Galvanized box-type ferrous casting, designed to accept 3/4 inch diameter bolt having special wedge-shaped head; either malleable iron or cast steel.
 - a. Bolts: Carbon steel bolts having special wedge-shaped heads, nuts, washers and shims.
 3. Slotted-Type Concrete Inserts: Galvanized 1/8 inch thick pressed steel plate complying with ASTM A 283; box-type welded construction with slot designed to receive 3/4 inch diameter square head bolt and with knockout cover.
 4. Externally Threaded Expansion Bolt Anchors: FS FF-S-325, Group II, Type 4, Class 1.
 5. Internally Threaded Expansion Shield Anchors (For Lag Bolts): FS FF-S-325, Group II, Type 1.
 6. Internally Threaded Expansion Shield Anchors (For Machine Bolts): FS FF-S-325, Group II, Type 2.
 7. Adhesive Anchors: shall consist of a threaded anchor rod, nut and washer; a cylindrical mesh screen tube, and an injectable adhesive material. Hilti: HIT HY 20 system or approved equal

- J. Fasteners:
1. Bolts and Nuts: ASTM A 307, Grade A, ASTM A563-00.
 - a. Concealed Bolts: Standard common bolts with lock washers and nuts. For items requiring servicing or replacement, drill the bolts and equip them with cotter pins and flat washers.
 - b. Exposed Bolts: Countersunk flathead Torx center pin security head bolts, with lock washers and nuts, unless otherwise specified.
 - c. Carriage Bolts:
 - 1) Exposed bolts with lock washers and nuts for mounting of control console to counter top.
 - 2) Plain Washers: Round, general assembly grade carbon steel.
 - 3) Lock Washers: Helical spring type carbon steel.
 2. Machine Screws: ANSI/ASME B18.6.3.
 - a. Concealed Machine Screws: Torx center pin security head screws, unless otherwise specified.
 - b. Exposed Machine Screws: ASTM F 835 (Alloy steel), ASTM F879 (Stainless Steel) Countersunk flat head Torx center pin security head screws.
 - c. Alloy Steel fasteners: Zinc plated per ASTM B633.
- K. Paint:
1. Cold Galvanizing Compound: Single component, non-aerosol, compound giving 93 percent pure zinc in dried film, and meeting requirements of DOD-P-21035A (NAVY).
 2. Ferrous and Galvanized Shop Primer: Zinc rich primer as manufactured by or recommended by the finish paint manufacturer.
 3. Shop Paint for Inside of Control Cabinets: Manufacturer's standard gray enamel.

2.03 DETENTION HARDWARE

- A. Manufacturers:
1. Hinges: Brookfield, Southern Folger Detention Equipment Company, Maximum Security Products, and Stanley.
 2. Locking Systems and Detention Hardware: Southern Folger Detention Equipment Company. Detention Hardware also R.R. Brink
 3. Knob Pulls, Raised Pulls, Flush Pulls, Accessories: Southern Folger Detention Equipment Company, Maximum Security Products, and Bronze Craft.
 4. Security Door Closer: LCN Door Closer Company:
 - a. Series 4200 sized, surfaced mounted.
- B. General Notes:
1. Deadlocks to have bolt keepers with dust box.
 2. Locate centerline of mechanical deadbolt 3'-2" high from top of finished floor.
 3. Where manual locks require escutcheons or cylinder shields, cylinder shanks shall extend into escutcheons or cylinder shields.

4. Locks: Use 1-1/4 inches extended bolt for stop side mounting.
5. Locate centerline of Door Pull 4'-0" from top of finished floor.
6. Maintain a throw of 3/4 inch for all head and foot bolts. If required, customize projection of bolt to field conditions.
 - a. Maximum of 1/4 inch undercut on detention doors having head and foot bolts.
7. Surface mount hinges unless specified otherwise.
 - a. Weld hinges unless specified otherwise.
8. Single Wing Escutcheons: Use on stair doors, control room doors, and emergency release cabinets.
9. Provide factory-sized closers according to manufacturer's table of sizes unless non-sized or barrier-free closers are specified.
10. Use proper installation sequence e.g., install overhead stops and coordinators before surface mounted door closers. Template door closers for maximum door swing allowed by wall placement and jamb conditions. Where overhead stop prevents door from swinging to wall, template closer to exceed degree of opening allowed by overhead stop. Verify with closer/overhead stop manufacturers, the special templates provided are compatible with the 2-1/4 inch door thickness and 5 inch prison hinge installation. Attach closers and overhead stops to doors with through-bolts.
11. Galvanize exterior assemblies, and assemblies exposed to wet areas, shower rooms, etc.
12. Rooms with One Means of Entrance: Locate the removable cover plate on the corridor side. Use Torx center pin security head fasteners.
 - a. Medical Rooms, or Controlled Substance Rooms etc.
 - b. Exception: Correctional Officer Control Rooms and Stations.

C. Detention Hardware Groups:

Group A: (Exterior Doors)

1. Hinges: 3 ea Stanley BBK852, MSPK855, or Brookfield I-8510 series, zinc plated.
2. Prison Deadlock: 1 ea Folger Adam No. 86 x lock mount x galvanized case.
3. Escutcheon: 1 ea Folger Adam No. 1 x US32D.
4. Cylinder Shield: 1 ea Folger Adam No. 2CS, x US32D.
5. Door Pulls: 2 ea Folger Adam No. 2 x US32D.
6. Surface Overhead Stop: 1 ea GJ81S-HD x SOC x TMS x US32D.
7. Security Door Closer: 1 ea LCN 4214 (@ 3'-0" doors, 4215 @ 3'-6" doors, and 4216 @ 3'-10" doors x ST3456 x TB(2-1/4")/TMS x SRI x AL.
8. Protection Plate: 1 ea 16" x 2" LDW stop side x .050 x B4E x OHUCMS 6" oc x US32D.
9. Threshold: Zero 548A x torx.
10. Perimeter Gasketing: 1 – set Zero 139A x torx.
11. Door Bottom: 1 – 39WA x torx.
12. Astragal: By door manufacturer.

Group B: (Pharmacy interior Sallyport door and med Room)

1. Hinges: 3 ea Stanley BB852, MSP855, or Brookfield I-8510 series.
2. Prison Deadlock: 1 ea Folger Adam No. 86 x lock mount.
3. Escutcheons: 2 ea Folger Adam No. 1 x US32D.
4. Door Pulls: 2 ea Folger Adam No. 2 x US32D.
5. Surface Overhead Stop: 1 ea GJ81S-HD x SOC x TMS x US32D @ Dr B13 only.
6. Security Door Closer: 1 ea LCN 4210 x TB(2-1/4")/TMS x AL.
7. Wall Bumper: 1 ea Rockwood No. 402 x US26D

Group C: (Interior Fire Rated Doors)

1. Hinges: 3 ea Stanley BB852, MSP855, or Brookfield I-8510 series.
2. Prison Spring and Deadlock: 1 ea Folger Adam No. 66K x box keeper x knob operation both sides x lock mount x US32D.
3. Escutcheons: 2 ea Folger Adam No. 1 x US32D.
4. Security Door Closer: 1 ea LCN 4213 x TB(2-1/4")/TMS x AL.
5. Perimeter Gasketing: 1 – set DHSI CNS105 x anti-ligature x brown x adhesive.
6. Wall Bumper: 1 ea Rockwood No. 402 x US26D

Group D: (2 Bed Infirmary Rooms – Keep Lock rooms)

1. Hinges: 3 ea Stanley BB852, MSP855, or Brookfield I-8510 series.
2. Prison Spring and Deadlock: 1 ea Folger Adam No. 62K x box keeper x knob operation both sides x lock mount x US32D.
3. Escutcheons: 1 ea Folger Adam No. 1 x US32D.
4. Security Door Closer: 1 ea LCN 4214 x TB(2-1/4")/TMS x AL.
5. Continuous Hinge for food pass doors: See detail. (doors Cxxx, Cxxx, G1xx and G2xxx).
6. Snap Latch for food pass doors: 1 ea Folger Adam 17 x strike plate x galvanized.
7. Perimeter Gasketing: 1 – set DHSI CNS105 x anti-ligature x brown x adhesive.
8. Wall Bumper: 1 ea Rockwood No. 402 x US26D

Group E: (Isolation Room Door)

1. Hinges: 3 ea Stanley BB852, MSP855, or Brookfield I-8510 series.
2. Prison Deadlock: 1 ea Folger Adam No. 82 x lock mount.
3. Escutcheons: 1 ea Folger Adam No. 1 x US32D.
4. Door Pull: 1 ea Folger Adam No. 2 x US32D.
5. Security Door Closer: 1 ea LCN 4214 x TB/TMS x AL.
6. Continuous Hinge for food pass doors: See detail.
7. Snap Latch for food pass doors: 1 ea Folger Adam 17 x strike plate x galvanized.
8. Wall Bumper: 1 ea Rockwood No. 402 x US26D

Group F: (Extraction Door @ Bed Rooms)

1. Hinges: 3 ea Stanley BB852, MSP855, or Brookfield I-8510 series.
2. Cremone Bolts: 1 Set Folger Adam 3821HM x top and bottom bolting x strike with dust box (lever operation and key cylinder corridor side only).

3. Perimeter Gasketing: 1 – set DHSI CNS 105 x anti-ligature x brown x adhesive.

Group G: (Corridor Gate 1st Floor G Wing)

1. One Set of Sliding door hardware Folger Adam 102M to accommodate indicated door sizes, and weights.
2. Prison Deadlock: 1 - Folger Adam No. 36 x dust box.
3. Escutcheons: 2 - Folger Adam No. 1 x US32D.
4. Lock Mount: Grille.

Group H: (Fire Rated Security Access Door)

1. Hinges: 2 ea Stanley BB852, MSP855, or Brookfield I-8510 series.
2. Prison Spring and Deadlock: 1 ea Folger Adam No. 62K x box keeper x knob operation both sides x lock mount x US32D.
3. Escutcheons: 1 ea Folger Adam No. 1 x US32D.
4. Security Door Closer: 1 ea LCN 4510T x TB(2-1/4")/TMS x AL.
5. Gasketing: 1 – Set DHSI CNS105 x anti-ligature x brown x adhesive.

Group I: (Secure Ceiling Access doors)

1. Hinges: Heavy duty, continuous steel x 2” wide x .375 diameter pin x material .120 thick.
2. Prison Deadlock: 1 ea Folger Adam No. 12, Southern Steel No.1010A-1, or R.R. Brink No.7012.
3. Escutcheon: 1 ea Folger Adam No. 1, Southern Steel 218-1, or R.R. Brink No. SW1 x US32D.
4. Mounting Plate: 1 ea Folger Adam, Southern Steel, or R.R. Brink x “P” mounting.
5. Astragal: Weld 3/16 x 3 inches steel astragal to door on 3 sides.

Group J: (Interior Fire Rated Doors)

1. Hinges: 3 ea Stanley BB852, MSP855, or Brookfield I-8510 series.
2. Prison Spring and Deadlock: 1 ea Folger Adam No. 66K x box keeper x knob operation both sides x lock mount x US32D.
3. Escutcheons: 2 ea Folger Adam No. 1 x US32D.
4. Security Door Closer: 1 ea LCN 4216 x TB(2-1/4")/TMS x AL.
5. Security Door Closer: 1 ea LCN 4215 x TB(2-1/4")/TMS x AL @ Dr E118 only..
6. Perimeter Gasketing: 1 – set DHSI CNS105 x anti-ligature x brown x adhesive.

Group K: (Exterior Extraction Door)

1. Hinges: 3 ea Stanley BB852, MSP855, or Brookfield I-8510 series.
2. Cremona Bolts: 1 Set Folger Adam 3821HM x top and bottom bolting x strike with dust box (lever operation and key cylinder corridor side only).
3. Threshold: Zero 548A x torx.
4. Perimeter Gasketing: 1 – set Zero 139A x torx.
5. Door Bottom: 1 – 39WA x torx.

Group L:

1. Hinges: 6 ea Stanley BBK852, MSPK855, or Brookfield I-8510 series (zinc plated).
2. Security Door Closer: 1 ea LCN 4210 x TB(2-1/4")TMS x SRI x AL.
3. Prison Deadlock: 1 ea Folger Adam No. 66 x lock mount x galvanized case.
4. Escutcheon: 1 ea Folger Adam No. 1 x US32D.
5. Head and Foot Bolts: 1 set Folger Adam No. 105 series x 105R, or Southern Steel 10105 x No. 10105R x mortise head bolt keeper x extended rod engagement x 3 spanner keys: Folger Adam 105K, or Southern Steel 10105K x galvanized.
6. Wall Bumpers: 2 ea Rockwood No. 400, 401, or 402 x US26D.
7. Perimeter Gasketing: 1 – set Zero 139A x torx.
8. Meeting Stile Gasketing: 2 – ea National Guard 672A x Torx with center security pin .
9. Astragal: 1/8 inch x 3 inches steel flat bar x full height of door by door manufacturer.

Installation Note: Apply meeting stile gasketing to push side of doors. Apply astragal to pull side of active leaf.

2.05 FABRICATION AND MANUFACTURE

A. General:

1. Fabrication: Fabricate members straight, true, and free from dents, buckle, twist or rough edges. Where exposed in finished spaces, fit joints to provide tight metal-to-metal fit. Make connections by welding, or by equally secured and approved method that will rigidly hold the members in position so that their full strength will be utilized; use the approved detention equipment manufacturer's standard shapes and methods, unless otherwise specified or indicated. Reinforce, cut, drill and tap members as required to receive hardware and accessories.
2. Welding: Welds shall show uniform section and deep penetration. Grind welds smooth and clean spatter off so that surfaces are easily cleaned.
 - a. Each hinge leaf, requiring a welded application, shall have continuous welds three sides.
 - b. Hinge leaves: Full sized, or one leaf is full size and the other one is 1-1/2 inches minimum to centerline of barrel sized to fit frame.
3. Rivets and Riveting:
 - a. Rivets: 3/8 inch diameter, countersunk flush type, and spaced 4 to 6 inches on center as the nature of the Work requires. Diameter of holes for rivets shall not exceed rivet diameter by more than 1/16 inch. Holes not in true alignment shall be reamed; drifting or gouging will not be permitted.
 - b. Riveting: Drive rivets down to completely fill holes. Replace loose rivets and those with imperfect heads, or without firm bearing on metal, with good rivets.

4. Bolting: Use only where indicated or approved, and only where nuts are not accessible to inmates or exposed to public view. Draw nuts up tight and batter threads, unless otherwise indicated.
 5. Cutting and Drilling for Others: Cut, drill and tap the Work of this Section as required to receive items provided under Related Contracts.
- B. Galvanizing: Galvanize items specified or indicated to be galvanized.
1. Process: Hot-dip process, after fabrication of items. Comply with the following:
 - a. ASTM A 123 for plain and fabricated material, and assembled products.
 - b. ASTM A 153 for iron and steel hardware.
- C. Shop Painting:
1. Thoroughly clean all surfaces of ferrous metal, removing rust, scale, and other deleterious material.
 - a. Galvanized Metal: Rinse in hot alkali or in an acid solution, and then in clear water. When dry, repair final assembly welds and abraded areas with a 2.0 mil thick dry film coating of cold galvanizing compound applied in accordance with compound manufacturer's instructions.
 2. Apply one coat of shop paint to all surfaces of ferrous metal, except as otherwise required for moving parts and except for surfaces to be embedded in concrete or masonry or to be field welded after fabrication in accordance with the paint manufacturer's instructions and at a rate to provide a uniform minimum wet film thickness of 3.0 mils.
 - a. Hollow Steel Doors: Paint all inner surfaces of doors before insulation and second face panel is installed.
 - b. Finish paint inside of control cabinets with manufacturer's standard gray enamel system.
- D. Steel Grating: Vertical 7/8 inch diameter double-ribbed round bars spaced not to exceed 5 inches oc, passing through 2-1/4 x 3/8 inches horizontal flat bars spaced not to exceed 12 inches oc, and framed with same size flat bars on top, bottom and sides. Vertical round bars shall pass through shaped holes in intermediate horizontal flat bars and be mechanically locked into each intermediate flat bar by rotating 90 degrees, and shall extend into top and bottom flat bars half their depth and be back or plug welded. Shoulder and tenon ends of intermediate horizontal members and back or plug weld to side frame bars. For grating sections 3 feet wide or less, extend side frame bars to floor; for grating sections over 3 feet wide, also extend every fifth or sixth vertical round bar to floor. Fabricate miscellaneous shapes and accessories of same material as main members unless otherwise indicated.
- E. Sliding Grating Doors (Bar Gates): Materials and general construction as specified for steel grating, unless otherwise specified or indicated, with provision made for the application of hardware and other required items.
1. Lock Box: Frame pocket with channels or flat bars to suit lock specified. Close box with 3/16 inch thick steel cover plates, one fixed

and the other removable. Secure removable plate in place with Torx center pin security head machine screws.

- H. Swinging Hollow Steel Doors: Flush type, 2-1/4 inches thick. Doors shall have not more than 1/8 inch clearance from frame, unless otherwise indicated. Bottom clearance to finish floor is 3/4 inch maximum, if no threshold.
1. Framing: Frame doors with 2 x 1 x 3/16 inches steel channels on all four edges, four intermediate 2 x 1 x 3/16 inches steel channels extending horizontally the full width of the door. Doors with a lock box shall have a 2 x 1/2 inches steel bar on lock edge and steel channels on other three edges. Locate two of the intermediate channels about 4 inches above and below the centerline of the door, or at the top and bottom of the lock box if required, and the other two half way between these and the top and bottom of the door. Extend legs of perimeter channels inward and miter at corners. Cope legs to fit intermediate channels. Set channels at top, bottom and lock edge 1/8 inch back from edge of face panels opposite stop side to allow for welding; set channel back at hinge edge to receive leaves of mortised hinges. Fill out spaces above, below, and between hinges with steel bar riveted to the channel. Reinforce for full surface hinge application with 2 x 2 x 3/16 x 6 inch long steel tubes. Weld junctions of all channels.
 2. Insulation: Fully fill doors with non-combustible mineral wool fiber materials having a minimum thermal resistance, R-value of 4.1 per inch, unless otherwise indicated.
 3. Face Panels: Weld 10 gage, single sheet steel panel on each door face. Weld back of one panel to framing; plug weld the other panel to framing. Make inner welds at least 1/2 inch long on alternate sides of channels and spaced 6 inches oc. Plug welds shall have equivalent strength of inner welds. Weld panel edges to the perimeter frame.
 4. Observation Light: Frame opening with 2 x 1 x 3/16 inches steel channels on all four sides. Cut face panels for light and weld panel edges to frame. Unless otherwise indicated, weld to door 1/4 inch continuous bent steel plate "Z" shaped stop to perimeter of opening, and provide 1-1/2 x 1-1/4 inches continuous steel bar stop (LLV) attached with 5/16 inch diameter high strength tamper resistant machine screws 4 inches on center maximum, 2 inches maximum from end on threat side of door.
 5. Prepare and reinforce doors to receive surface, mortised, and concealed hardware.
 6. Food Pass: Steel framed opening with heavy-duty continuous steel hinge, 3/16 inch thick steel plate door with an Ives SB454-5-inch heavy-duty surface bolt locking device and accessories as indicated.
 - a. When prop rod is dislodged from rod prop door shall free-fall from the 90 degree position, to parallel with face panel.
 - b. Fasteners: Torx center pin security head machine screws.
 10. Lock Box: Frame pocket with 2 x 1 x 3/16 inches steel channels unless otherwise indicated. Cut one face panel for lock box cover plate. Fabricate cover plate of 1/8 inch thick steel sheet. Cover plate shall be flush with face panel and attached to lock pocket framing with Torx

center pin security head machine screws. Weld filler plates in lock box as required to receive lock.

- a. Locate removable cover plate on the side of the door opposite the threat side.
11. Galvanizing: Galvanize entire assembly of exterior doors and doors in wet areas.
- I. Structural Steel Door Frames: Fabricate of structural shapes and bars as specified or indicated, square, true, uniform, and fully welded. Ship with temporary spreader at bottom.
1. Stops: 1-1/2 x 3/4 inches steel bar, plug welded to frame on not more than 8 inch centers.
 2. Floor Anchors: Steel angle clip welded to back of frame at bottom of each jamb. Prepare clips for anchorage to floor construction indicated.
 3. Jamb Anchors: 2 x 1/4 inches steel strap anchors, not less than 8 inches long and terminating with 1 inch bent end, welded to jambs. Anchors shall be fixed for concrete walls and adjustable type for masonry walls. Anchors, for exterior frames in concrete masonry unit construction, shall extend into cells (cores) as indicated. Space anchors not exceeding 16 inches oc, with no less than 4 anchors per jamb.
 4. In-Place Masonry Construction Jamb Anchors: 1/2 inch diameter flat head machine bolts with non-ferrous metal expansion shields, spaced not exceeding 16 inches oc, with not less than 4 anchors per jamb. Field apply anchors under stops to conceal anchor bolt heads.
 5. Prepare frames to receive and accommodate required hardware and other items. Form slots in frames to serve as hardware strikes, unless otherwise indicated. Weld 12 gage steel box closures on back of frame where slots for hardware occur.
 6. Galvanizing: Galvanize entire assembly of exterior door frames and frames in wet areas.
- J. Fire Rated Doors and Frames: Materials and general construction as specified for swinging hollow steel doors and structural steel door frames.
1. Fire ratings up to three hours, in accordance with UL Bulletin No. UL10B.
 2. Manufacturers: Maximum Security Products Corporation, American Jail Products, LLC.
 3. Attach UL labels to hinge side of door, and to jamb of frame.
- K. Woven Rod Mesh Partitions, Doors, and Panels:
1. Frames, stiles, and rails: 10 gage sheet steel, tubular in cross-section. Conceal the rod mesh attachment. Fabricate using a formed channel shape welded to a cover plate. Miter and weld tubular members at the corners, and notch to accommodate the rod mesh.
 - a. Bevel lock edge of swinging doors.
 2. Woven Rod Mesh: Two-inch square opening, lock crimped. Extend each rod end at least 1/2 inch into the frame. Provide 1/8" thick washer, and weld at mesh and channel.

3. Lock Box For Manually Operated Doors: Frame pocket with channels or flat bars to suit lock specified. Close box with 3/16 inch thick steel cover plate held in place with Torx center pin security head machine screws.
 - a. Locate removable cover plate on the side of the door opposite the threat side.
 - b. For cylinder type locks, prepare box to suit lock manufacturer's template with box cover plate non-removable.
 4. Galvanizing: Galvanize shower room doors, exterior doors, panels, louvers, and partitions.
- M. Door/Wall Guides and Door Receivers: Provide 3/16 inch thick x one inch deep receiver channel for 1/2 inch door engagement. Equip sliding doors/bar gates with guides and guide angles fabricated of not lighter than 3/16 inch thick steel plate. Custom fabricate Guide angle on door bottom. Trim open lock bar notch at leading edge of door. Door Guide angle shall have leg pointing down and extend beyond rear edge of door as required for a 4-inch minimum horizontal overlap of the guide when the door is fully closed. Reinforce door guide angle extension and terminate in a fish tail design. Fabricate Wall Guide the same length as Door Guide. Attach wall guide with 3/16-inch fillet welds, 3 inches long, 8 inches oc and at leading and trailing ends. Provide stop at end of wall guide to prevent racking of door.
- N. Hangers: Hang sliding doors/bar gates on hangers constructed of two ball bearing sheaves attached to a steel angle, or use the approved detention equipment manufacturer's standard method. Construct the door hanger so that the mechanical parts are masked when the door is in the open and closed positions to prevent tampering with the mechanism. Hangers shall have an adjustment device to plumb and secure door in final position, and shall interlock with track support with a maximum of 1/4 inch between respective surfaces to prevent uplift.
- O. Locking Pilasters: Fabricate pilasters of 3/16 inch thick steel plate except removable cover shall be 1/8 inch thick steel. Make provisions for fastening pilaster to track box, floor, and abutting wall or steel support. Construct pilasters with removable front cover, secured with concealed fasteners that can be released only from within the track box.
- P. Track: Cold-finished steel bars with solid cross section, formed to have full contact with sheaves.
- Q. Track Boxes (Horizontal Covering Boxes): 10 gage minimum steel box above doors enclosing (as applicable to required system) tracks, carriage assembly, and operating and locking mechanism. Track box shall make the entire operating and/or locking mechanism completely inaccessible except through a cabinet or through an approved series of procedures under the control of a prison deadlock. Reinforce and stiffen track box by manufacturer's standard methods. Where possible, center necessary joints in box and joints between removable panels on intersecting partitions. Cover exposed joints with overlapping batten.

1. Access Panels as Applicable to Required System: Fabricate the front of the track boxes with continuous hinged cover panels. Lock panels in place by an internal locking mechanism controlled from the Emergency Control Cabinet. Swing panels shall swing clear of track box front and be held in the open position to prevent accidental closing. Fabricate panels in two equal sections across cell fronts and in two sections maximum 5 feet long at other locations.
 2. Back/Transom Plate: Where track boxes are attached to masonry or extend across steel grating, box shall have a continuous 3/16 inch thick steel plate back.
 3. Unless otherwise indicated, slope top of track box down from wall.
 4. The access opening for manual operation shall be completely closed with a baffle, except when the baffle is deliberately moved aside for access during operation of the system. Provide a guide inside the track box so the baffle cannot be pushed in.
 6. Cover the carriage travel slot in bottom of box with a steel baffle to prevent entrance through the slot.
 8. Galvanize at shower rooms.
- R. Security Portals: Fabricate with 1/4 and 3/16 inch thick steel plate, as indicated. Form slot in sleeve for lock strike and enclose with 12 gage steel box to form mortar cover. Galvanize door, outside plate and mortar cover.
- a. Provide continuous weather stripping as indicated. If deadbolt lock is accessible from backside of portal, provide 1/8 inch cover plate. Bolt plate to back of lock with Torx security fasteners.
 - b. Interior Cover Plate Compression Spring Draw Latches: Type 304 Stainless Steel, Style L, McMaster-Carr Model No. 1794A43 (include strike if required), sized 2-51/64 inches x 1-1/8 inches x projection 13/32 inches x screw size #6.

2.07 WALL MOUNTED HINGED SECURITY ACCESS DOORS AND FRAMES (SAD)

- A. Provide Folger Adam No. 416 Complete Unit; or Southern Steel 590 Complete Unit. Manufacturer's standard size, unless otherwise noted.

2.08 IDENTIFICATION PLATES

- A. Each locking system shall have an engraved metal or plastic laminate plate identifying the manufacture, the manufacturer's work order number, type of system, date of installation, and installer.
 1. Plastic Plate:
 - a. Engraved Stock Plastic, 1/8" thick, high pressure laminate with contrasting white inner core.
 2. Permanently attach plate to the inside of control cabinet door and emergency control cabinet door. If no emergency control cabinet is required, attach plate to the inside of the track box covers.

2.09 KEYING

- A. Key locks as specified and incorporate a keying schedule into the hardware schedule for approval.
1. Key changes shall be different from changes previously used at this Facility, except as noted.
 2. Record key changes, to avoid future unintended duplication.
 3. Furnish seven keys for each change, except as noted.
 4. Furnish extended shank keys when required.
 5. Key locks as follows:
 - a. Keyed Individually: B126.
 - b. Keyed Individually: B129.
 - c. Keyed Individually: B129A.
 - d. Keyed Individually: B129B.
 - e. Keyed Individually: C004.
 - f. Keyed Alike: C102, C104, C106, C108, C110, C114, C115, C116, C117, C118, C119, C121, C123, C125, C127, and C129.
 - g. Keyed Alike: C102B, C104B, C106B, C108B, C110B, C114B, C115B, C116B, C117B, C118B, C119B, C121B, C123B, C127B, and C129B.
 - h. Keyed Alike: C112, C113 and food pass door.
 - i. Keyed Individually: C126E.
 - j. Keyed Individually: C136E.
 - k. Keyed Alike: C140 and C144.
 - l. Keyed Individually: C146.
 - m. Keyed Individually: E118.
 - n. Keyed Individually: E118C.
 - o. Keyed Alike: G013, G017, G018, G121, G149, G152, G249, G252 and G252A.
 - p. Keyed Individually: G016.
 - q. Keyed Alike: G017A, G121A, G147A, G149A, G152A and G258.
 - r. Keyed Alike: G101B and G201E.
 - s. Keyed Alike: G101D and G201D.
 - t. Keyed Alike: G105, G107, G109, G111, G117, G119, G122, G124, G126, G128, G134, G136, G138, G142 and G144.
 - u. Keyed Alike: G105B, G107B, G109B, G111B, G117B, G119B, G122B, G124B, G126B, G128B, G134B, G136B, G138B, G142B and G144B.
 - v. Keyed Alike: G113A, G115A, G130A, G132A and food pass door.
 - w. Keyed Individually: G135A.
 - x. Keyed Alike: G146 and food pass door.
 - y. Keyed Individually: G146B.
 - z. Keyed Individually: G148.
 - aa. Keyed Alike: G205, G207, G209, G211, G217, G219, G222, G224, G226, G228, G234, G236, G238, G242 and G244.

- bb. Keyed Alike: G205B, G207B, G209B, G211B, G217B, G219B, G222B, G224B, G226B, G228B, G234B, G236B, G238B, G242B and G244B.
- cc. Keyed Alike: G213A, G215A, G230A, G232A and food pass door.
- dd. Keyed Individually: G135A.
- ee. Keyed Individually: G246.
- ff. Keyed Individually: G248B.
- gg. Keyed Alike: All Security Access Doors (SAD).”

PART 3 EXECUTION

3.01 DETENTION EQUIPMENT INSTALLATION

- A. Install the Work of this Section in its designed position, plumb, level, square, straight, and true, and in accordance with the manufacturer’s approved shop drawings.
- B. Brace assembled fabrications until permanently secured in place to prevent displacement or distortion of the members.
- C. Comply with requirements of FABRICATION AND MANUFACTURE Article. Touch-up abraded areas as required, with compatible primer and finish paint, or cold galvanizing compound.
- D. Use only rotary power drills where masonry or concrete is required to be drilled. Drill holes to exact size required.
- E. Perform welding in accordance with the AWS Codes. When welding hinges, attach ground to prevent welding current from being carried through the hinge barrel.
- F. Neatly install and securely fasten hardware. Keep polished hardware and handles free from scratches and defacement with temporary protective covers.
 - 1. Installation Sequence: Use proper installation sequence e.g., install overhead stops and coordinators before surface mounted door closers.
 - 2. Template door closers for maximum door swing allowed by wall placement and jamb conditions. Where overhead stop prevents door from swinging to wall, template closer to exceed degree of opening allowed by overhead stop. Verify with closer/overhead stop manufacturers, the special templates provided are compatible with the 2-1/4 inch door thickness and 5 inch prison hinge installation.
 - 3. Attach closers and overhead stops to doors with through-bolts.
- G. Attach cell numbers to front of track box with Torx center pin security head machine screws or rivets.

3.02 FIELD QUALITY CONTROL

- A. Testing Of Detention Equipment:
 - 1. Preparation: Notify the Director's Representative at least three working days prior to the tests so arrangements can be made to have a Facility Representative witness the tests.
 - a. Remove protective covering from view windows, mirrors, hardware, etc.
 - 2. Testing: Individually test each door or gate system, covering all functions and features one at a time.
 - 4. Test each manual lock for ease of operation.
 - 5. Supply all equipment necessary for system adjustment and testing.

- B. Post installation Inspection For Detention Equipment: The Director's Representative will call for an inspection tour at the site. Attending will be the Contractor and the Detention Equipment Installer. Other participants may be invited at the discretion of the Director. The Detention systems and mechanical hardware and the accessories will be inspected for proper installation and operation.
 - 1. Perform any corrections or adjustments found during the post installation inspection immediately following the tour.

- C. Instruction: Secure the services of a factory trained instructor from the detention equipment manufacturer for a minimum of two 4 hour training sessions. Train the facility staff in the operation and routine maintenance of the detention systems and equipment.

3.03 ADJUSTING

- A. Adjust operative units and equipment to work freely and easily, ready for use. Field lubricate operating and locking systems in accordance with the manufacturer's maintenance instructions. Adjust equipment when the temperature is approximately 70 degrees F.

END OF SECTION

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DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR SIZE			TYPE	MATERIAL3	FINISH	FRAME			DETAILS			SECURE OPN'G	FIRE RATING	GLASS TYPE	UNDERCUT	HARDWARE	KEYSIDE	COVERPLATE	REMARKS	DOOR NO.
		WIDTH	HEIGHT	THICKNESS				TYPE	MATERIAL3	FINISH	HEAD	JAMB	SILL									
B - WING PHARMACY																						
B121	HOUSEKEEPING	(2) 34"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606sin	7/A606	2/A607		45		*	1			B121	
B126	BULK STORAGE	36"	84"	2 1/4"	F	STL PL	IAL3	A	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	45	S-7	*	C	BS	HS	B126	
B126A	STAFF TOILET	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607					12			B126A	
B126B	JANITOR	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	8/A607					34			B126B	
B129	NIGHT CABINET	36"	84"	2 1/4"	FV	STL PL	IAL3	A	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	45	S-7		C	BS	SS	B129	
B129A	PHARMACY	36"	84"	2 1/4"	FNV	STL PL	IAL3	A	STL CHAN	IAL3	1/A606	2/A606	2/A607	■		S-9		B	BS	HS	B129A	
B129B	CONTROLLED SUBST	36"	84"	2 1/4"	FNV	STL PL	IAL3	A	STL CHAN	IAL3	1/A606	2/A606	2/A607	■		S-9		B	BS	HS	B129B	
B129C	PHARMARY OFFICE	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607			I		23			B129C	
B136	DRY STORAGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	9/A606	10/A606	5/A607					42			B136	
C - WING - BASEMENT CRAWL SPACE																						
C002	CRAWL SPACE	36"	60"	1 3/4"	F	STL	PF	A	STL	IAL3	11/A606	12/A606	1/A607					42			C002	
C003	CRAWL SPACE	36"	60"	1 3/4"	F	STL	PF	A	STL	IAL3	11/A606	12/A606	1/A607					42			C003	
C004	EXTERIOR	36"	77"	2 1/4"	F	STL PL	EAL3	B	STL CHAN	EAL3	7/606	8/A606		■				A	BS	SS		
C - WING - FIRST FLOOR																						
C101	CLEAN UTILITY	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6			C101	
C102	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS	C102	
C102A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5			C102A	
C102B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS	C102B	
C103	FAMILY VISIT	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6			C103	
C103A	VISITOR'S TOILET	36"	84"	1 3/4"	FV	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607			I		37			C103A	
C104	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS	C104	
C104A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5			C104A	
C104B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS	C104B	
C105	CONSULTATION	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6			C105	
C106	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS	C106	
C106A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5			C106A	
C106B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS	C106B	
C107	UTILITY	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			7			C107	
C108	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS	C108	

DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR SIZE						FRAME			DETAILS			SECURE OPNG	FIRE RATING	GLASS TYPE	UNDERCUT	HARDWARE	KEYSIDE	COVERPLATE	REMARKS	DOOR NO.
		WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL3	FINISH	TYPE	MATERIAL3	FINISH	HEAD	JAMB	SILL									
C - WING - FIRST FLOOR con't																						
C108A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5			C108A	
C108B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS	C108B	
C109	CO STATION	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6			E1. C109	
C109A	CO TOILET	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607					12			C109A	
C110	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS	C110	
C110A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5			C110A	
C110B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS	C110B	
C111	STORAGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45			10			C111	
C111A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607					11			C111A	
C112	SINGLE BED	44"	84"	2 1/4"	HG1	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		E	HS	HS	C112	
C113	SINGLE BED	44"	84"	2 1/4"	HG1	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		E	HS	HS	C113	
C114	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS	C114	
C114A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5			C114A	
C114B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS	C114B	
C115	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS	C115	
C115A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5			C115A	
C115B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS	C115B	
C116	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS	C116	
C116A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5			C116A	
C116B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS	C116B	
C117	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS	C117	
C117A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5			C117A	
C117B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS	C117B	
C118	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS	C118	
C118A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5			C118A	
C118B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS	C118B	
C119	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS	C119	
C119A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5			C119A	
C119B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS	C119B	
C120	STORAGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607					10			C120	

DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR SIZE						FRAME			DETAILS			SECURE OPN'G	FIRE RATING	GLASS TYPE	UNDERCUT	HARDWARE	KEYSIDE	COVERPLATE	REMARKS	DOOR NO.
		WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL3	FINISH	TYPE	MATERIAL3	FINISH	HEAD	JAMB	SILL									
C - WING - FIRST FLOOR con't																						
C120A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607				11				C120A	
C121	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	D	SS	SS		C121	
C121A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I	5				C121A	
C121B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	F	HS	HS		C121B	
C122	PANTRY	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607			45	4				C122	
C123	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	D	SS	SS		C123	
C123A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I	5				C123A	
C123B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	F	HS	HS		C123B	
C124	RESPIRATORY EXAM	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	7/A607			45	C	6		E1.	C124	
C125	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	D	SS	SS		C125	
C125A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I	5				C125A	
C125B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	F	HS	HS		C125B	
C126	NURSE STATION	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607			I	6				C126	
C126A	MED ROOM	36"	84"	2 1/4"	FNV	STL PL	IAL3	A	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	45	S-7	D	BS	HS		C126A	
C126B	NURSE STATION	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607			I	6				C126B	
C127	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	F	SS	SS		C127	
C127A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I	5				C127A	
C127B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	D	HS	HS		C127B	
C128	NUTRITION	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607			45	C	6		E1.	C128	
C129	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	F	SS	SS		C129	
C129A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I	5				C129A	
C129B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	D	HS	HS		C129B	
C130	MED WASTE	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	8/A607			45	C	6			C130	
C131	NURSE'S OFFICE	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607			45	C	6		E1.	C131	
C132	MULTI - PURPOSE	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607			45	C	6			C132	
C133	STAFF LOCKER/LOUNGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607			45		6			C133	
C133A	W. STAFF TOILET	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607				12				C133A	
C133B	SHOWER	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607				12				C133B	
C133C	M. STAFF TOILET	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607				12				C133C	
C134	SOILED UTILITY	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	8/A607			45	C	6			C134	

DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR SIZE			TYPE	MATERIAL3	FINISH	FRAME			DETAILS			SECURE OPN'G	FIRE RATING	GLASS TYPE	UNDERCUT	HARDWARE	KEYSIDE	COVERPLATE	REMARKS	DOOR NO.
		WIDTH	HEIGHT	THICKNESS				TYPE	MATERIAL3	FINISH	HEAD	JAMB	SILL									
C - WING FIRST FLOOR - con't																						
C135	TUB/SHOWER	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607	45	C		29				C135	
C136	DAYROOM	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607	45	C		6				C136	
C136A	STORAGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607	45			2				C136A	
C136B	MEDITATION	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		I		2				C136B	
C136C	QUIET ROOM	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		I		2				C136C	
C136D	INMATE TOILET	36"	84"	1 3/4"	FV	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607		I		30				C136D	
C136E	OUTDOOR REC	40"	84"	2 1/4"	HG	STL PL	EAL3	A	STL CHAN	EAL3	1/A608	2/A608	10/A607	■	S-10		A	BS	SS		C136E	
C137	JANITOR	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	8/A607	45			10				C137	
C137A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607				11				C137A	
C138	ELECTRIC CLOSET	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			10				C138	
C139	NOT USED																				C139	
C140	CORRIDOR	44"	84"	2 1/4"	FV	STL PL	IAL3	A	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	90	S-7		J	BS	HS	C140	
C140A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				C140A	
C140B	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				C140B	
C141A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				C141A	
C142	NOT USED																				C142	
C143	NOT USED																				C143	
C144	CORRIDOR	44"	84"	2 1/4"	FV	STL PL	IAL3	A	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	90	S-7		J	BS	HS	C144	
C144A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				C144A	
C144B	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				C144B	
C145	OUTDOOR REC	40"	84"	2 1/4"	HG	STL PL	EAL3	A	STL CHAN	EAL3	1/A608	2/A608	10/A607	■	S-10		A	BS	HS		C145	
C145A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			15				C145A	
C145B	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			15				C145B	
C145C	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			15				C145C	
C146	EXTERIOR	36"	84"	2 1/4"	FV	STL PL	EAL3	A	STL CHAN	EAL3	1/A608	2/A608	10/A607	■	S-10		A	BS	HS		C146	
C146A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			15				C146A	

DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR SIZE						FRAME			DETAILS			SECURE OPN'G	FIRE RATING	GLASS TYPE	UNDERCUT	HARDWARE	KEYSIDE	COVERPLATE	REMARKS	DOOR NO.
		WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL3	FINISH	TYPE	MATERIAL3	FINISH	HEAD	JAMB	SILL									
E - WING FIRST FLOOR																						
E101A	CO TOILET	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607					12			E101A	
E101B	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45				15			E101B	
E102	INMATE TOILET	36"	84"	1 3/4"	FV	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607	45				13			E102	
E103	RECREATION THERAPY	40"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607	45	C			13			E103	
E103A	INMATE TOILET	36"	84"	1 3/4"	FV	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607		I			2			E103A	
E103B	STORAGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607	45				17			E103B	
E104	CLERK'S OFFICE	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607	45	C			6			E104	
E105	MULTI-PURPORSE	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607	45	C			13			E105	
E105A	CHAPLIN'S OFFICE	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		I			8			E105A	
E105B	STORAGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607					42			E105B	
E105C	STORAGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607					42			E105C	
E105D	STORAGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607					42			E105D	
E106	COMPUTER ROOM	40"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607	45	C			6			E106	
E106A	OFFICE	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		I			23			E106A	
E106B	TEL/DATA/ELEC/A-V	40"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607					23			E106B	
E107	STORAGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607	45				10			E107	
E108	CLASSROOM	40"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607	45	C			6			E108	
E109	CONFERENCE ROOM	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607	45	C			6			E109	
E109A	CONFERENCE ROOM	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		I			38			E109A	
E110	STORAGE	(2) 36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607	45				18			E110	
E111	JANITOR	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	8/A607	45				10			E111	
E112	CLASSROOM	40"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607	45	C			6			E112	
E113	INMATE TOILET	36"	84"	1 3/4"	FV	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607	45	I			13			E113	
E114	CLASSROOM	40"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607	45	C			6			E114	
E115	MEN'S TOILET	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607	45				9			E115	
E116	LIBRARY	(2) 36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607	45	C			18			E116	
E116A	OFFICE	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		I			12			E116A	
E116B	QUIET ROOM	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		I			23			E116B	
E117	OFFICE SUITE	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607	45	C			6			E117	
E117A	OFFICE	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		I			12			E117A	

DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR						FRAME			DETAILS			SECURE OPN'G	FIRE RATING	GLASS TYPE	UNDERCUT	HARDWARE	KEYSIDE	COVERPLATE	REMARKS	DOOR NO.
		SIZE			TYPE	MATERIAL3	FINISH	TYPE	MATERIAL3	FINISH	HEAD	JAMB	SILL									
		WIDTH	HEIGHT	THICKNESS																		
E - WING FIRST FLOOR con't																						
E117B	OFFICE	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		I		12				E117B	
E117C	OFFICE	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		I		12				E117C	
E117D	OFFICE	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		I		12				E117D	
E117E	OFFICE	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		I		12				E117E	
E117F	FEMALE STAFF TOILET	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607				9				E117F	
E118	CORRIDOR	40"	84"	2 1/4"	FNV	STL PL	IAL3	A	STL CHAN	IAL3	11A608	12/A608	2/A607	■	45	S-7		J	BS	HS	E118	
E118A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14			E118A	
E118B	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14			E118B	
E118C	EXTERIOR	40"	84"	2 1/4"	FV	STL PL	EAL3	A	STL CHAN	EAL3	5/A608	6/A608	10/A607	■		S-10		A	BS	SS	E118C	
G - WING - BASEMENT FLOOR																						
G001	MECHANICAL ROOM	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607		45			20			G001	
G001A	MECHANICAL ROOM	(2) 36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607		45			31			G001A	
G001B	MECHANICAL ROOM	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607		45			20			G001B	
G002	INMATE PROP STORAG	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607		45			20			G002	
G003	FIRE SERVICE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607		45			27			G003	
G004	HOUSEKEEPING	(2) 36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607		45			31			G004	
G005	OXYGEN STORAGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607		45			27			G005	
G006	MAINTENANCE	(2) 36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607		45			31			G006	
G007	UNASSIGNED	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607		45			27			G007	
G008	ELECTRIC	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607		45			20			G008	
G009	PLANT UTILITIES	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607		45			27			G009	
G010	TELE/DATA	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607		45			27			G010	
G011	HOLDING	(2) 36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607		45			31			G011	
G012	MECHANICAL ROOM	(2) 36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607		45			32			G012	
G012A	MECHANICAL ROOM	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607		45			20			G012A	
G013	STAIR 2	36"	84"	2 1/4"	FNV	STL PL	IAL3	A	STL CHAN	IAL3	1/A606	2/A606	1/A607	■	45	S-7		C	BS	SS	G013	
G014	CORRIDOR	(2) 46"	84"	1 3/4"	FNV	STL	PF	C	STL	IAL3	5/A606	6/A606	1/A607		45	C		33			E1.	
G015	CORRIDOR	(2) 46"	84"	1 3/4"	FNV	STL	PF	C	STL	IAL3	5/A606	6/A606	1/A607		45	C		33			E1.	
G016	CORRIDOR	(2) 36"	84"	2 1/4"	F	STL PL	IAL3	A	STL CHAN	IAL3	11A606	12/A606	1/A607	■	LC			L	BS	SS	G016	
G016A	CORRIDOR	44"	84"	2 1/4"	BG	STL	IAL3	E	STL	IAL3			2/A607	■				G	BS		G016A	
G017	STAIR 3	36"	84"	2 1/4"	FNV	STL PL	IAL3	A	STL CHAN	IAL3	3/A608sim	4/A608sim	1/A607	■	45	S-7		C	BS	SS	G017	
G017A	EXTERIOR STAIR 3	36"	84"	2 1/4"	FV	STL PL	IAL3	A	STL CHAN	IAL3	1/A608	2/A608	1/A607	■		S-10		A	BS	SS	G017A	
G018	STAIR 1	36"	84"	2 1/4"	FNV	STL PL	IAL3	A	STL CHAN	IAL3	1/A606	2/A606	1/A607	■	45	S-7		C	BS	SS	G018	

DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR SIZE						FRAME			DETAILS			SECURE OPN'G	FIRE RATING	GLASS TYPE	UNDERCUT	HARDWARE	KEYSIDE	COVERPLATE	REMARKS	DOOR NO.
		WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL3	FINISH	TYPE	MATERIAL3	FINISH	HEAD	JAMB	SILL									
G - WING - FIRST FLOOR cont.																						
G115	ANTE ROOM	44"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	7/A607		45	C		20			G115	
G115A	ISOLATION ROOM	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	11/A607	■		S-9		E	HS	HS	A.	G115A
G116	NURSE'S OFFICE	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6			E1.	G116
G117	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G117
G117A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G117A
G117B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G117B
G118	LAUNDRY	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	8/A607		45	C		6				G118
G119	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G119
G119A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G119A
G119B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G119B
G120	MULTI-PURPOSE ROOM	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6				G120
G120A	MULTI-PURPOSE ROOM	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6				G120A
G121	RECEIVING	44"	84"	2 1/4"	HG	STL PL	EAL3	A	STL CHAN	EAL3	1/A606	2/A606	4/A607	■	45	S-9		A	BS	HS		G121
G121A	EXT LOADING DOCK	44"	84"	2 1/4"	FV	STL PL	EAL3	A	STL CHAN	EAL3	1/A608	2/A608	10/A607	■		S-10		A	BS	SS		G121A
G121B	EXT LOADING DOCK	96"	96"	1"	RD	STL	PF	A	STL CHAN	EAL3	7/A608	8/A608	1/A607					35	HS	HS		G121B
G122	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G122
G122A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G122A
G122B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G122B
G123	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A2/A		45			14				G123
G124	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G124
G124A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G124A
G124B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G124B
G125	STORAGE	(2) 36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A2/A		45			21				G125
G126	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G126
G126A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G126A
G126B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G126B
G127	STAFF LOCKER/LOUNG	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45			6				G127
G127A	W STAFF TOILET	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607					12				G127A
G127B	SHOWER	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607					12				G127B
G127C	M STAFF TOILET	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607					12				G127C

DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR SIZE			TYPE	MATERIAL3	FINISH	FRAME			DETAILS			SECURE OPN'G	FIRE RATING	GLASS TYPE	UNDERCUT	HARDWARE	KEYSIDE	COVERPLATE	REMARKS	DOOR NO.
		WIDTH	HEIGHT	THICKNESS				TYPE	MATERIAL3	FINISH	HEAD	JAMB	SILL									
G - WING - FIRST FLOOR cont.																						
G127D	STAFF LOCKER/LOUNG	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45		6				G127D	
G128	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	D	SS	SS		G128	
G128A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607		I		5				G128A	
G128B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	F	HS	HS		G128B	
G129	ELECTRIC ROOM	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45		6				G129	
G129A	UTILITY	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45		22				G129A	
G130	ANTE ROOM	44"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	7/A607		45	C	20				G130	
G130A	ISOLATION ROOM	44"	84"	2 1/4"	HG1	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	11/A607	■	S-9		E	HS	HS	A.	G130A	
G131	JANITOR	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	8/A607		45		20				G131	
G132	ANTE ROOM	44"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	7/A607		45	C	20				G132	
G132A	ISOLATION ROOM	44"	84"	2 1/4"	HG1	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	11/A607	■	S-9		E	HS	HS	A.	G132A	
G133	RESPIRATORY EXAM	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	7/A607		45	C	6			E1.	G133	
G134	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	D	SS	SS		G134	
G134A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607		I		5				G134A	
G134B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	F	HS	HS		G134B	
G135	NURSE STATION	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607				6				G135	
G135A	MED ROOM	36"	84"	2 1/4"	FNV	STL PL	IAL3	A	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	45	S-7	B	BS	HS		G135A	
G135B	NURSE STATION	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607				6				G135B	
G136	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	D	SS	SS		G136	
G136A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607		I		5				G136A	
G136B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	F	HS	HS		G136B	
G137	TUB/SHOWER	40"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607		45	C	6				G137	
G138	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	D	SS	SS		G138	
G138A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607		I		5				G138A	
G138B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	F	HS	HS		G138B	
G139	SOILED UTILITY	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C	6				G139	
G140	MEDICAL WASTE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	8/A607		45		6				G140	
G141	OFFICE	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C	6			E1.	G141	
G142	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	D	SS	SS		G142	
G142A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607		I		5				G142A	
G142B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9	F	HS	HS		G142B	

DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR SIZE			FRAME			DETAILS			SECURE OP'G	FIRE RATING	GLASS TYPE	UNDERCUT	HARDWARE	KEYSIDE	COVERPLATE	REMARKS	DOOR NO.			
		WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL3	FINISH	TYPE	MATERIAL3	FINISH										HEAD	JAMB	SILL
G - WING - FIRST FLOOR cont.																						
G143	OFFICE	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6		E1.	G143	
G144	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G144
G144A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G144A
G144B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G144B
G145	EQUIPMENT STORAGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45			6				G145
G145A	UTILITY	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			24				G145A
G146	SINGLE BED	44"	84"	2 1/4"	HG1	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		E	SS	SS		G146
G146A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G146A
G146B	SINGLE BED EXTRACT	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G146B
G147	CORRIDOR	(2) 46"	84"	1 3/4"	FNV	STL	PF	C	STL	IAL3	5/A606	6/A606	2/A607		45	C		33			E1.	G147
G147A	EXTERIOR	40"	84"	2 1/4"	FV	STL PL	IAL3	A	STL CHAN	IAL3	3/608	4/A608	10/A607	■		S10		A	BS	SS		G147A
G147B	G WING	44"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		3				G
G148	CORRIDOR (GATE)	44"	84"	2 1/4"	BG	STL	IAL3	E	STL	IAL3			2/A607	■				G	BS			G148
G149	STAIR 1	40"	84"	2 1/4"	FNV	STL PL	IAL3	A	STL CHAN	IAL3	1/A606	2/A606	4/A607	■	45	S-7		C	BS	SS		G149
G149A	EXTERIOR	40"	84"	2 1/4"	FV	STL PL	IAL3	A	STL CHAN	IAL3	3/A608	4/A608	10/A607	■		S-10		A	BS	SS		G149A
G149B	STAIR 1	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607			I		17				G149B
G150A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G150A
G150B	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G150B
G150C	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G150C
G150D	CHASE	24"	60"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G150D
G151	CORRIDOR	(2) 46"	84"	1 3/4"	FNV	STL	PF	C	STL	IAL3	5/A606	6/A606	2/A607		45	C		33			E1.	G151
G151A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G151A
G151B	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G151B
G152	STAIR 2	40"	84"	2 1/4"	FNV	STL PL	IAL3	A	STL CHAN	IAL3	1/A606	2/A606	4/A607	■	45	S-7		C	BS	SS		G152
G152A	EXTERIOR	44"	84"	2 1/4"	FV	STL PL	IAL3	A	STL CHAN	IAL3	3/A608	4/A608	10/A607	■		S-10		A	BS	SS		G152A
G152B	STAIR 2	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	1/A607			I		17				G152B
G154	CORRIDOR	(2) 46"	84"	1 3/4"	FNV	STL	PF	C	STL	IAL3	5/A606	6/A606	2/A607		45	C		33			E1.	G154
G154A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G154A
G154B	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G154B
G154C	NOT USED																					G154C
G154D	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			25				G154D
G156	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G156
G157	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G157
G157A	CHASE	24"	60"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G157A
G157B	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G157B
G157C	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G157C
G158	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G158

DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR SIZE			TYPE	MATERIAL3	FINISH	FRAME			DETAILS			SECURE OPN'G	FIRE RATING	GLASS TYPE	UNDERCUT	HARDWARE	KEYSIDE	COVERPLATE	REMARKS	DOOR NO.
		WIDTH	HEIGHT	THICKNESS				TYPE	MATERIAL3	FINISH	HEAD	JAMB	SILL									
G - WING - SECOND FLOOR																						
G201	DAYROOM	40"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		26			G201	
G201A	STORAGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45			7			G201A	
G201B	QUIET ROOM	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607			I		23			G201B	
G201C	MEDITATION	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607			I		23			G201C	
G201D	EXTERIOR (EXTRACTIO	36"	84"	2 1/4"	HG	STL PL	EAL3	A	STL CHAN	EAL3	1/A608	2/A608	10/A607	■	S-10			K	BS	SS	G201D	
G201E	EXTERIOR	40"	84"	2 1/4"	HG	STL PL	EAL3	A	STL CHAN	EAL3	1/A608	2/A608	10/A607	■	S-10			A	HS	HS	G201E	
G201F	STORAGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607					7			G201F	
G201G	INMATE TOILET	36"	84"	1 3/4"	FV	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607			I		7			G201G	
G202	FAMILY VISIT	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6			G202	
G202A	VISITOR TOILET	36"	84"	1 3/4"	FV	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607			I		40			G202A	
G203	CO STATION	36"	36"	1 3/4"	F	STL	PF	A	STL	IAL3								28			G203	
G204	CO TOILET	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607		45			41			G204	
G205	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS	G205	
G205A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5			G205A	
G205B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS	G205B	
G206	ELEVATOR MACHINE R	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			6			G206	
G207	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS	G207	
G207A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5			G207A	
G207B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS	G207B	
G208	CONSULTATION	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6			E1	G208
G209	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS	G209	
G209A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5			G209A	
G209B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS	G209B	
G210	PANTRY	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6			G210	
G211	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS	G211	
G211A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5			G211A	
G211B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS	G211B	
G212	CLEAN UTILITY	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6			G212	
G213	ANTE ROOM	44"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	7/A607		45	C		20			G213	
G213A	ISOLATION ROOM	44"	84"	2 1/4"	HG1	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	11/A607	■		S-9		E	HS	HS	A.	G213A
G214	NUTRITION	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6			E1	G214
G215	ANTE ROOM	44"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	7/A607		45	C		20			G215	
G215A	ISOLATION ROOM	44"	84"	2 1/4"	HG1	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	10/A607	■		S-9		E	HS	HS	A.	G215A

DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR SIZE			TYPE	MATERIAL3	FINISH	FRAME			DETAILS			SECURE OPNG	FIRE RATING	GLASS TYPE	UNDERCUT	HARDWARE	KEYSIDE	COVERPLATE	REMARKS	DOOR NO.
		WIDTH	HEIGHT	THICKNESS				TYPE	MATERIAL3	FINISH	HEAD	JAMB	SILL									
G - WING - SECOND FLOOR cont.																						
G216	NURSE'S OFFICE	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6			E1	G216
G217	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G217
G217A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G217A
G217B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G217B
G218	LAUNDRY	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	8/A607		45	C		6				G218
G219	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G219
G219A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G219A
G219B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G219B
G220	MULTI-PURPOSE ROOM	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6				G220
G220A	MULTI-PURPOSE ROOM	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6				G220A
G221	ELEVATOR MACHINE R	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			36				G221
G222	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G222
G222A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G222A
G222B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G222B
G223	CHASE	18"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G223
G224	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G224
G224A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G224A
G224B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G224B
G225	STORAGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45			21				G225
G226	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G226
G226A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G226A
G226B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G226B
G227	STAFF LOCKER/LOUNG	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45			6				G227
G227A	W STAFF TOILET	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607					12				G227A
G227B	SHOWER	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607					12				G227B
G227C	M STAFF TOILET	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607					12				G227C
G227D	STAFF LOCKER/LOUNG	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45			6				G227D
G228	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G228
G228A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G228A
G228B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G228B
G229	ELECTRIC ROOM	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			6				G229
G229A	UTILITY	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			22				G229A
G230	ANTE ROOM	44"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	7/A607		45	C		20				G230
G230A	ISOLATION ROOM	44"	84"	2 1/4"	HG1	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	11/A607	■		S-9		E	HS	HS	A.	G230A
G231	JANITOR	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	8/A607		45			6				G231
G232	ANTE ROOM	44"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	7/A607		45	C		20				G232

DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR SIZE			FRAME			DETAILS			SECURE OPN'G	FIRE RATING	GLASS TYPE	UNDERCUT	HARDWARE	KEYSIDE	COVERPLATE	REMARKS	DOOR NO.			
		WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL3	FINISH	TYPE	MATERIAL3	FINISH										HEAD	JAMB	SILL
G - WING - SECOND FLOOR cont.																						
G232A	ISOLATION ROOM	44"	84"	2 1/4"	HG1	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	11/A607	■		S-9		E	HS	HS	A.	G232A
G233	RESPIRATORY EXAM	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	11/A607		45	C		6			E1	G233
G234	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G234
G234A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G234A
G234B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G234B
G235	NURSE STATION	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607					38				G235
G235A	MED ROOM	36"	84"	2 1/4"	FNV	STL PL	IAL3	A	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	45	S-7		B	BS	HS		G235A
G235B	NURSE STATION	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607					38				G235B
G236	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G236
G236A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G236A
G236B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G236B
G237	TUB/SHOWER	40"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	5/A607		45	C		6				G237
G238	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G238
G238A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G238A
G238B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G238B
G239	SOILED UTILITY	36"	84"	1 3/4"	FNV	STL	PF	A	STL	IAL3	3/A606	4/A606	8/A607		45	C		6				G239
G240	MEDICAL WASTE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	8/A607		45			6				G240
G241	OFFICE	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6			E1	G241
G242	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G242
G242A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G242A
G242B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G242B
G243	OFFICE	36"	84"	1 3/4"	HG	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45	C		6			E1	G243
G244	2 BED	44"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		D	SS	SS		G244
G244A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G244A
G244B	2 BED (EXTRACTION)	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G244B
G245	EQUIPMENT STORAGE	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	2/A607		45			6				G245
G245A	UTILITY	36"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			24				G245A
G246	SINGLE BED	44"	84"	2 1/4"	HG1	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		E	SS	SS		G246
G246A	TOILET	36"	84"	1 3/4"	HG	STL	PF	B	STL	IAL3	3/A606	4/A606	5/A607			I		5				G246A
G246B	SINGLE BED EXTRACT	28"	84"	2 1/4"	HG	STL PL	IAL3	B	STL CHAN	IAL3	1/A606	2/A606	2/A607	■	LC	S-9		F	HS	HS		G246B
G247A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G247
G248	NOT USED																					G248
G249	STAIR 1	40"	84"	2 1/4"	FNV	STL PL	IAL3	A	STL CHAN	IAL3	1/A606	2/A606	4/A607	■	45	S-7		C	BS	HS		G249
G250A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G250A
G250B	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607		45			14				G250B

DOOR SCHEDULE

DOOR NO.	ROOM NAME	DOOR SIZE			TYPE	MATERIAL3	FINISH	FRAME			DETAILS			SECURE OPN'G	FIRE RATING	GLASS TYPE	UNDERCUT	HARDWARE	KEYSIDE	COVERPLATE	REMARKS	DOOR NO.
		WIDTH	HEIGHT	THICKNESS				TYPE	MATERIAL3	FINISH	HEAD	JAMB	SILL									
G - WING - SECOND FLOOR cont.																						
G250C	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				G250C	
G250D	CHASE	24"	60"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				G250D	
G251	CORRIDOR	(2) 46"	84"	1 3/4"	FNV	STL	PF	C	STL	IAL3	5/A606	6/A606	2/A607	45	C		33			E1.	G251	
G251A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				G251A	
G251B	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				G251B	
G252	STAIR 2	40"	84"	2 1/4"	FNV	STL PL	IAL3	A	STL CHAN	IAL3	1/A606	2/A606	4/A607	45	S-7		C	BS	HS		G252	
G252A	STAIR 2	36"	84"	1 3/4"	WM	Mesh	IAL3	D	STL	IAL3	3/A606	4/A606	1/A607				39				G252A	
G253	NOT USED																				G253	
G254A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				G254A	
G254B	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				G254B	
G254C	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				G254C	
G254D	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			25				G254D	
G255	NOT USED																				G255	
G256A	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				G256A	
G257	CORRIDOR	(2) 46"	84"	1 3/4"	FNV	STL	PF	C	STL	IAL3	5/A606	6/A606	2/A607	45	C		33			E1.	G257	
G257A	CHASE	24"	60"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				G257A	
G257B	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				G257B	
G257C	CHASE	24"	84"	1 3/4"	F	STL	PF	A	STL	IAL3	3/A606	4/A606	4/A607	45			14				G257C	
STAIR 2 - ROOF																						
G258	STAIR 2 EXTERIOR	36"	84"	2 1/4"	FV	STL PL	EAL3	A	STL CHAN	EAL3	1/A608	2/A608	12/A607	45	S-10		A	BS	HS		G258	

DOOR SCHEDULE NOTES AND ABBREVIATIONS

- A. Adjustable Door Bottom by Door Manufacturer 11/A-607.
- E1. Electromagnetic Hold-Open
- LC. Label Construction (45 min.)
- PF Factory Prefinished
- BS Both Sides
- HS Hinge Side
- SS Stop Side
- STL Steel
- STL PLT Steel Plate
- WM Wire Mesh



NYS OFFICE OF GENERAL SERVICES

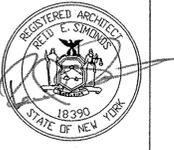
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CONTRACT:

CONSTRUCTION

TITLE:
PROVIDE LONG TERM CARE ADDITION
AT G-WING RENOVATE C & E-WINGS
WALSH MEDICAL RMU

LOCATION:
MOHAWK CORRECTIONAL FACILITY
6514 STATE RTE 26
ROME, NEW YORK

CLIENT:
NYS DEPARTMENT OF CORRECTIONS
AND COMMUNITY SUPERVISION

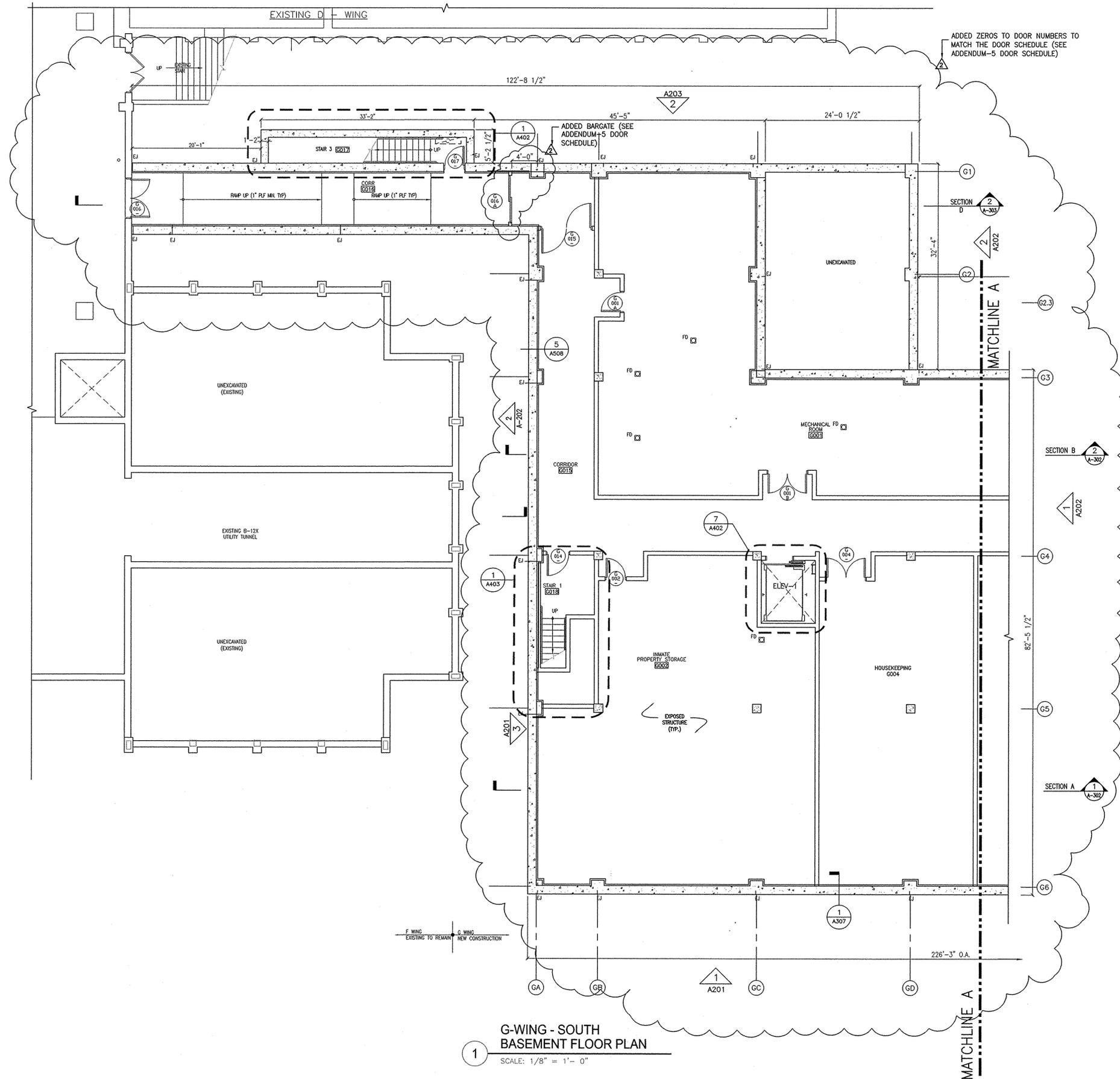
ADDENDUM-5

REVISION #	DATE	DESCRIPTION
REVISION #2	10-19-11	ADDENDUM-5
	10-05-11	ADDENDUM-3
REVISION #1	09-21-11	ADDENDUM-1
BD	04-19-11	BID DOCUMENTS
100%	06-10-09	REVISED SUBMISSION
100%	03-18-09	SUBMISSION

MARK	DATE	DESCRIPTION
PROJECT NUMBER:	43262-C	
DESIGNED BY:	REID SIMONDS	
DRAWN BY:	N. LENDRUM	
FIELD CHECK:		
APPROVED:		

SHEET TITLE:
G-WING SOUTH
BASEMENT
PLAN

DRAWING NUMBER:
A-102



FLOOR PLAN LEGEND

- NON-SECURE PARTITION
- CMU SECURE PARTITION
- CMU SHEAR WALL
- EXTERIOR COMPOSITE WALL
- BRICK VENEER
- WALL MOUNTED DESK LIGHT
- WALL MOUNTED NIGHT LIGHT
- PANORAMIC MIRROR
- WALL CORNER GUARD
- TV SHELF (TV NIC)
- FLOOR DRAIN (NIC)
- TOILET (NIC)
- SINK (NIC)
- INFIRMARY DESK
- WALL MOUNTED STOOLS
- WARDROBE SHELF
- FURNITURE LOCATION (NIC)
- WALL MOUNTED LIGHT
- DOOR NUMBER
- WINDOW TYPE

FLOOR PLAN NOTES:

- SEE SHEET A-301 FOR PARTITION TYPES AND NOTES.
- COORDINATE ALL PENETRATIONS, MOUNTING ATTACHMENTS, EQUIPMENT AND UTILITIES WITH PLUMBING, MECHANICAL AND ELECTRICAL TRADES.
- DEPRESS CONCRETE SLAB FOR ALL ROOMS AND AT SHOWER AREAS FINISHED WITH CERAMIC TILE (SEE STRUCTURAL).
- PROVIDE LINTELS AT ALL OPENINGS FOR ALL MASONRY OPENINGS (SEE STRUCTURAL).
- LOCATE FIXTURES, FURNISHINGS AND ACCESSORIES INCLUDED IN CONTRACT PER ENLARGED PLANS & INTERIOR ELEVATIONS.
- SEE PARTITION PLAN FOR INTERIOR DIMENSIONS AND PARTITION TYPE DESIGNATIONS.
- SEE CEILING PLAN FOR CEILING FIXTURES LAYOUT AND DETAIL REFERENCES.
- REFER TO STRUCTURAL DRAWINGS FOR ALL STRUCTURAL INFORMATION.

1 G-WING - SOUTH BASEMENT FLOOR PLAN
SCALE: 1/8" = 1'-0"

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36x24 PLOT SHEET



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CONSTRUCTION

PROVIDE LONG TERM CARE ADDITION AT G-WING RENOVATE C & E-WINGS WALSH MEDICAL RMU

MOHAWK CORRECTIONAL FACILITY
6514 STATE RTE 26
ROME, NEW YORK

NYS DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

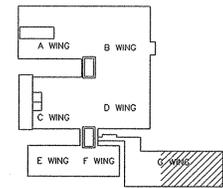
ADDENDUM-5

REVISION #	DATE	DESCRIPTION
REVISION #3	10-19-11	ADDENDUM-5
REVISION #2	10-05-11	ADDENDUM-3
REVISION #1	09-21-11	ADDENDUM-1
BD	04-19-11	BID DOCUMENTS
100%	06-10-09	REVISED SUBMISSION
100%	03-18-09	SUBMISSION

PROJECT NUMBER:	43262-C
DESIGNED BY:	REID SIMONDS
DRAWN BY:	N. LENDRUM
FIELD CHECK:	
APPROVED:	

G-WING NORTH SECOND FLOOR PLAN

DRAWING NUMBER: A-107



KEY PLAN



2ND REPRINT FOR WINDOW TYPE IDENTIFICATION SYMBOLS

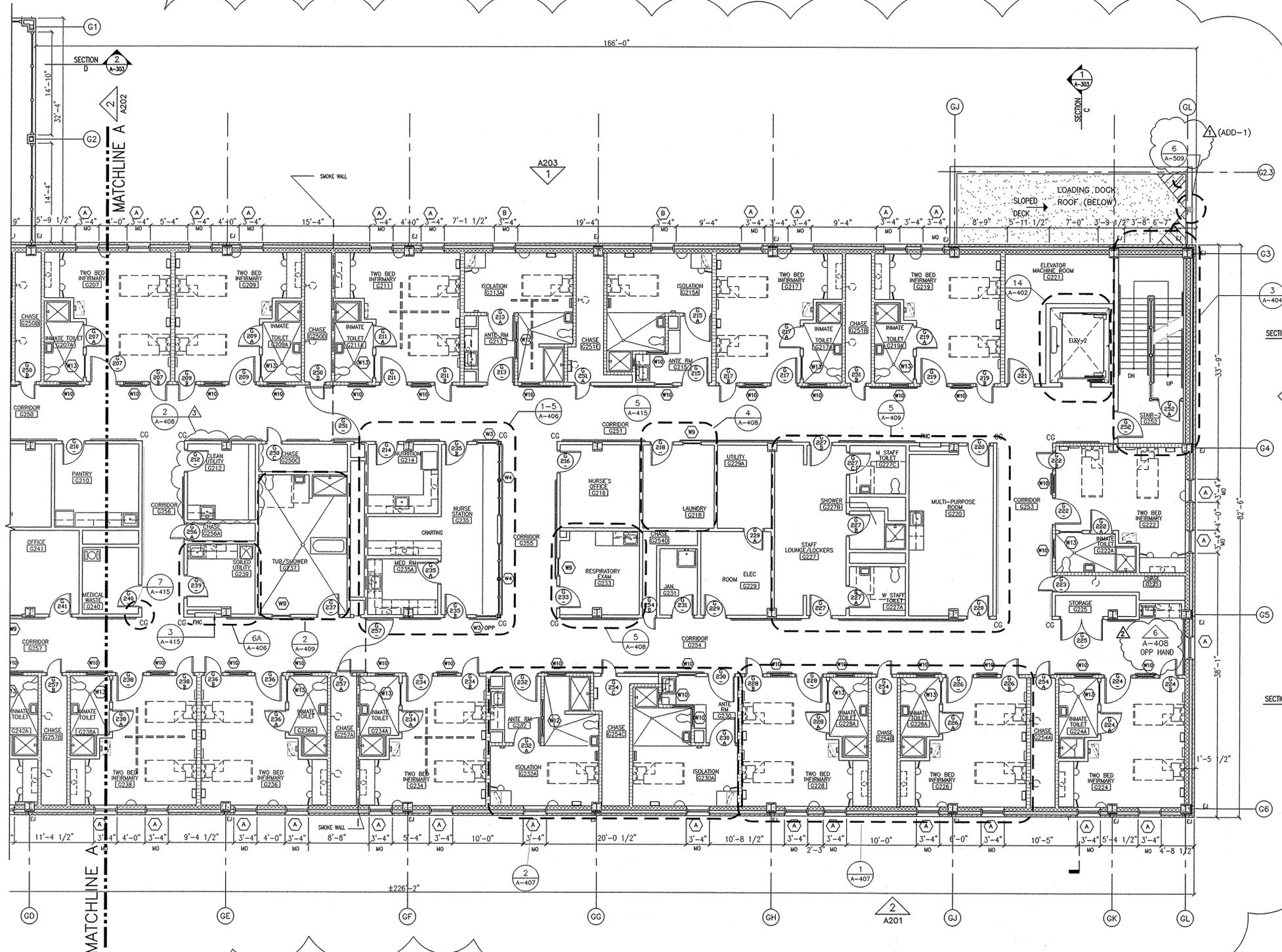
ADD WINDOW TYPE IDENTIFICATION SYMBOLS (ADD-3)

THERE ARE ADDED ENLARGED PLAN AND INTERIOR ELEVATION IDENTIFICATION SYMBOLS

FLOOR PLAN LEGEND

- NON-SECURE PARTITION
- CMU SECURE PARTITION
- CMU SHEAR WALL
- EXTERIOR COMPOSITE WALL
- BRICK VENEER
- WALL MOUNTED DESK LIGHT
- WALL MOUNTED NIGHT LIGHT
- PANORAMIC MIRROR
- WALL CORNER GUARD
- TV SHELF (TV NIC)
- FLOOR DRAIN (NIC)
- TOILET (NIC)
- SINK (NIC)
- INMATE DESK
- WALL MOUNTED STOOLS
- WARDROBE SHELF
- FURNITURE LOCATION (NIC)
- WALL MOUNTED LIGHT
- DOOR NUMBER
- WINDOW TYPE

- FLOOR PLAN NOTES:**
- SEE SHEET A-301 FOR PARTITION TYPES AND NOTES.
 - COORDINATE ALL PENETRATIONS, MOUNTING ATTACHMENTS, EQUIPMENT AND UTILITIES WITH PLUMBING, MECHANICAL AND ELECTRICAL TRADES.
 - DEPRESS CONCRETE SLAB FOR ALL ROOMS AND AT SHOWER AREAS FINISHED WITH CERAMIC TILE (SEE STRUCTURAL).
 - PROVIDE LIMEATS AT ALL OPENINGS FOR ALL MASONRY OPENINGS (SEE STRUCTURAL).
 - LOCATE FIXTURES, FURNISHINGS AND ACCESSORIES INCLUDED IN CONTRACT PER ENLARGED PLANS & INTERIOR ELEVATIONS.
 - SEE PARTITION PLAN FOR INTERIOR DIMENSIONS AND PARTITION TYPE DESIGNATIONS.
 - SEE CEILING PLAN FOR CEILING FIXTURES LAYOUT AND DETAIL REFERENCES.
 - REFER TO STRUCTURAL DRAWINGS FOR ALL STRUCTURAL INFORMATION.



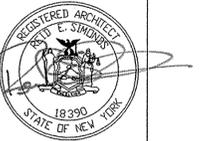
1 G WING - NORTH SECOND FLOOR PLAN
SCALE: 1/8" = 1'- 0"

Oct 24, 2011 - 8:39am
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36x24 PLOT SHEET

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CONTRACT:

CONSTRUCTION

TITLE: PROVIDE LONG TERM CARE ADDITION AT G-WING RENOVATE C & E-WINGS WALSH MEDICAL RMU

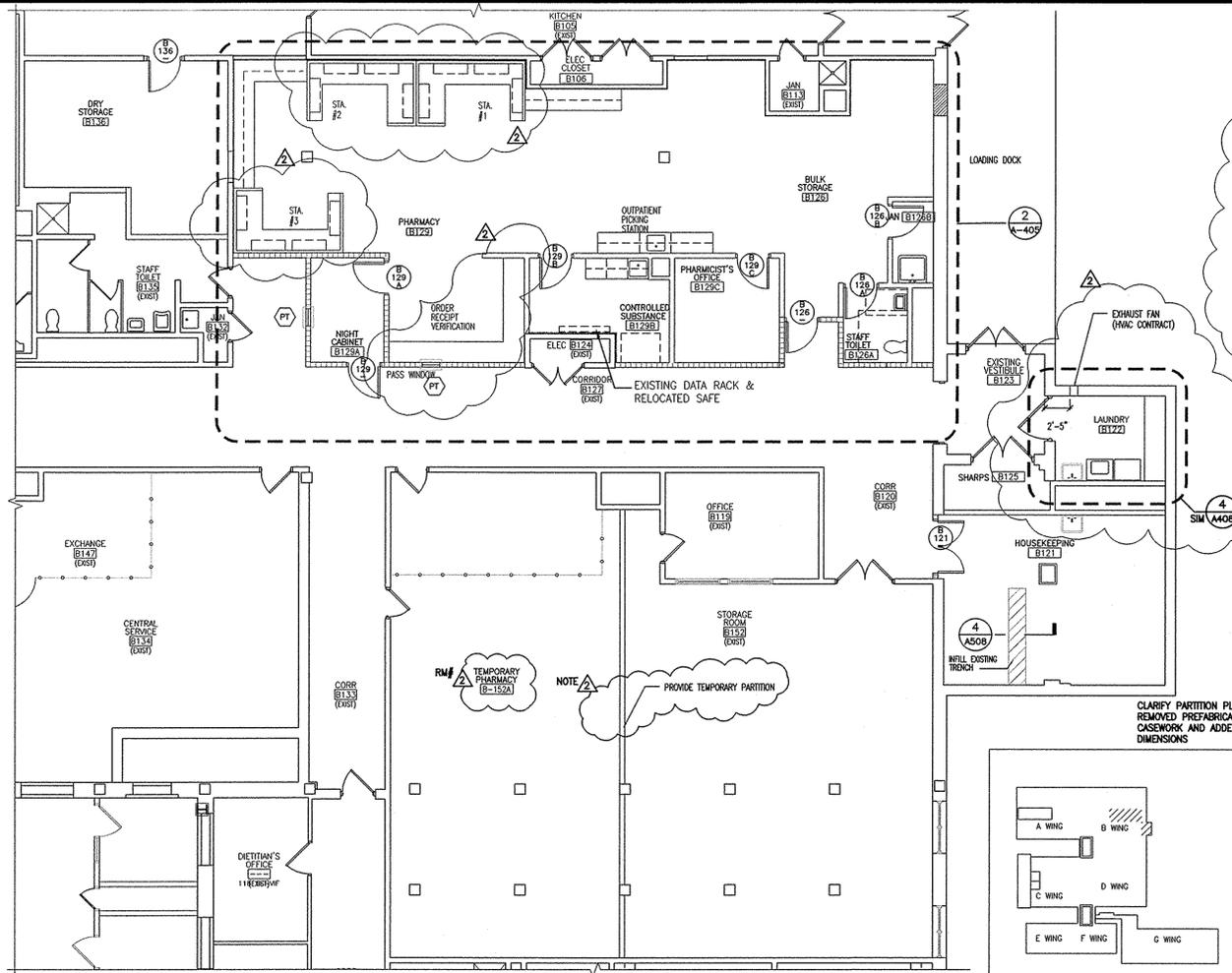
LOCATION: MOHAWK CORRECTIONAL FACILITY
6514 STATE RTE 26
ROME, NEW YORK

CLIENT: NYS DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

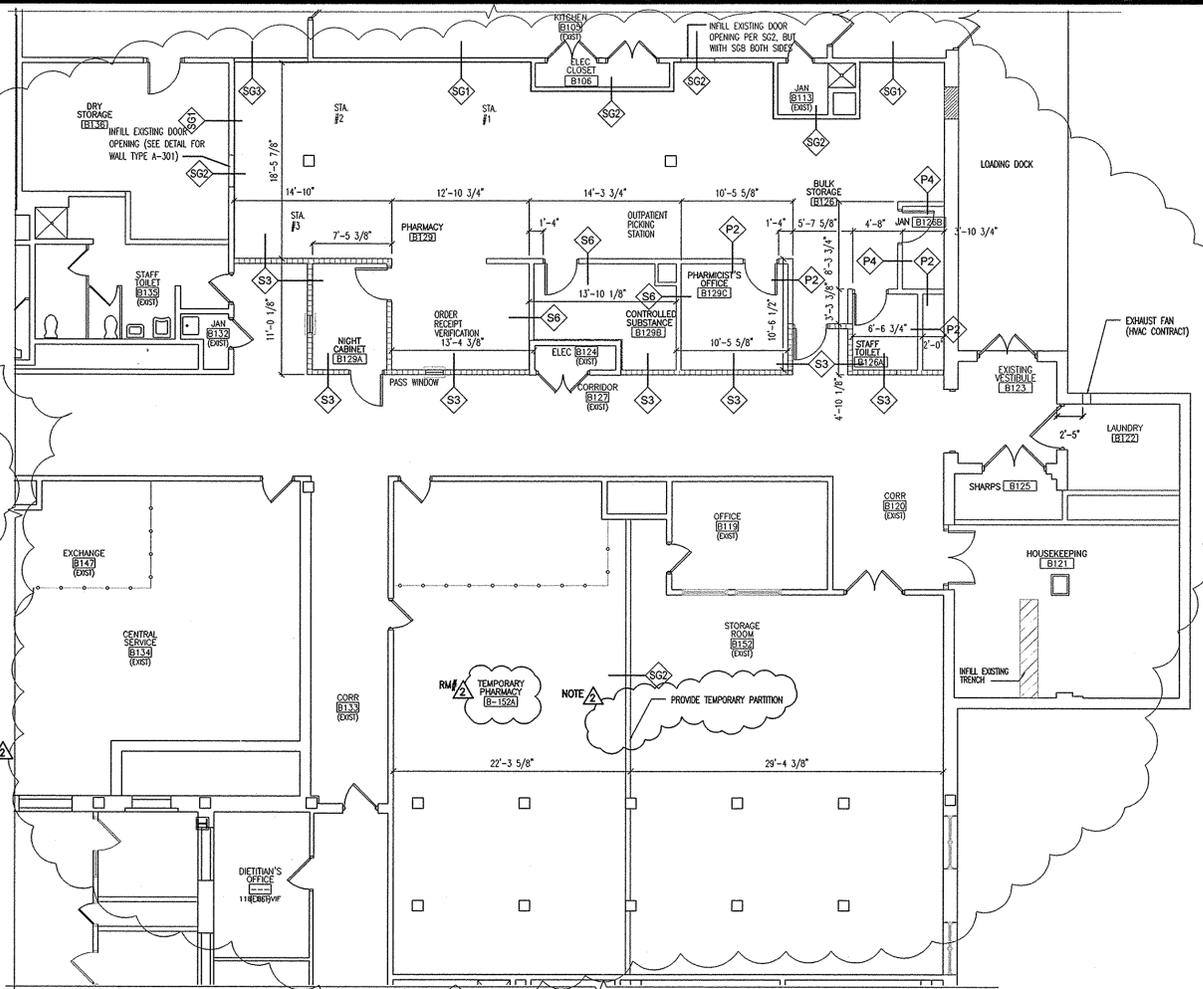
ADDENDUM-5

REVISION #	DATE	DESCRIPTION
REVISION #2	10-19-11	ADDENDUM-5
	10-05-11	ADDENDUM-3
REVISION #1	09-21-11	ADDENDUM-1
BD	04-19-11	BID DOCUMENTS
100%	06-10-09	REVISED SUBMISSION
100%	03-18-09	SUBMISSION
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	43262- C	
DESIGNED BY:	REID SIMONDS	
DRAWN BY:	N LENDRUM	
FIELD CHECK:		
APPROVED:		
SHEET TITLE:	B-WING PHARMACY RENOVATION PLANS	

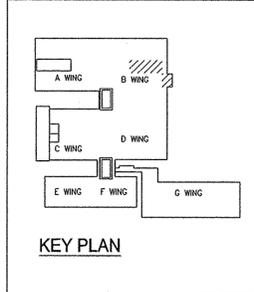
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A-122



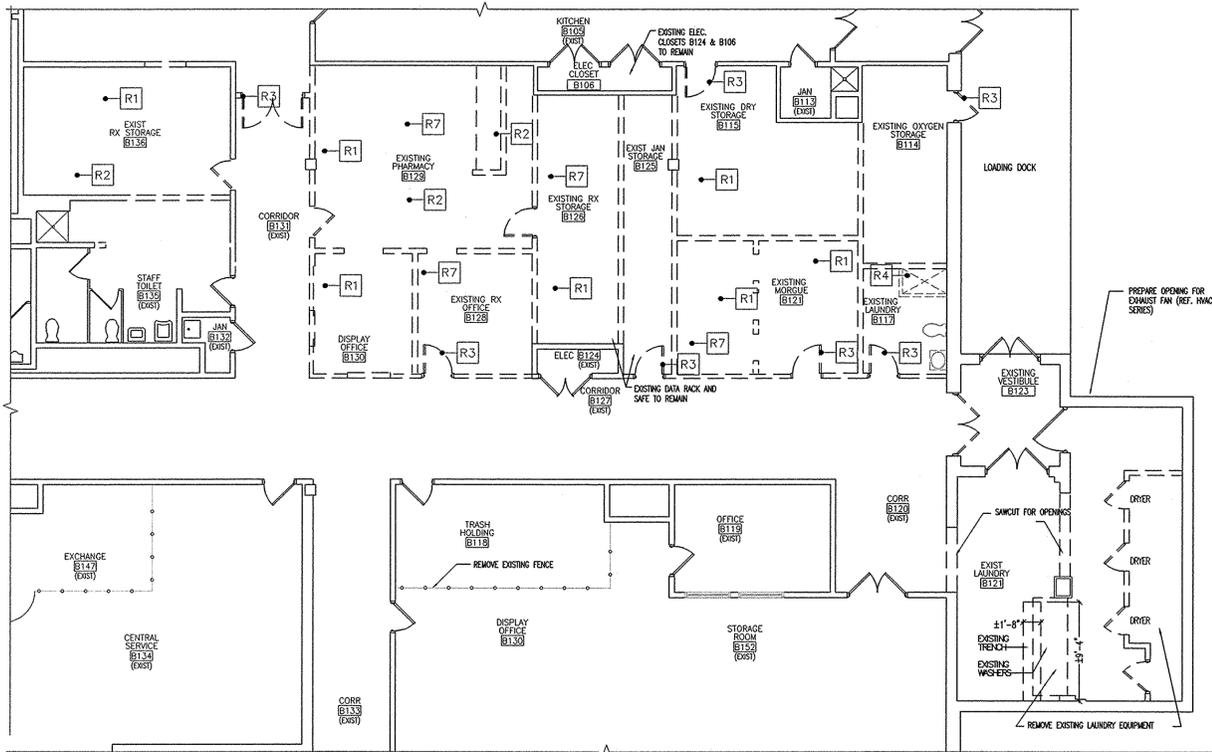
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SCALE: 1/8" = 1'-0"



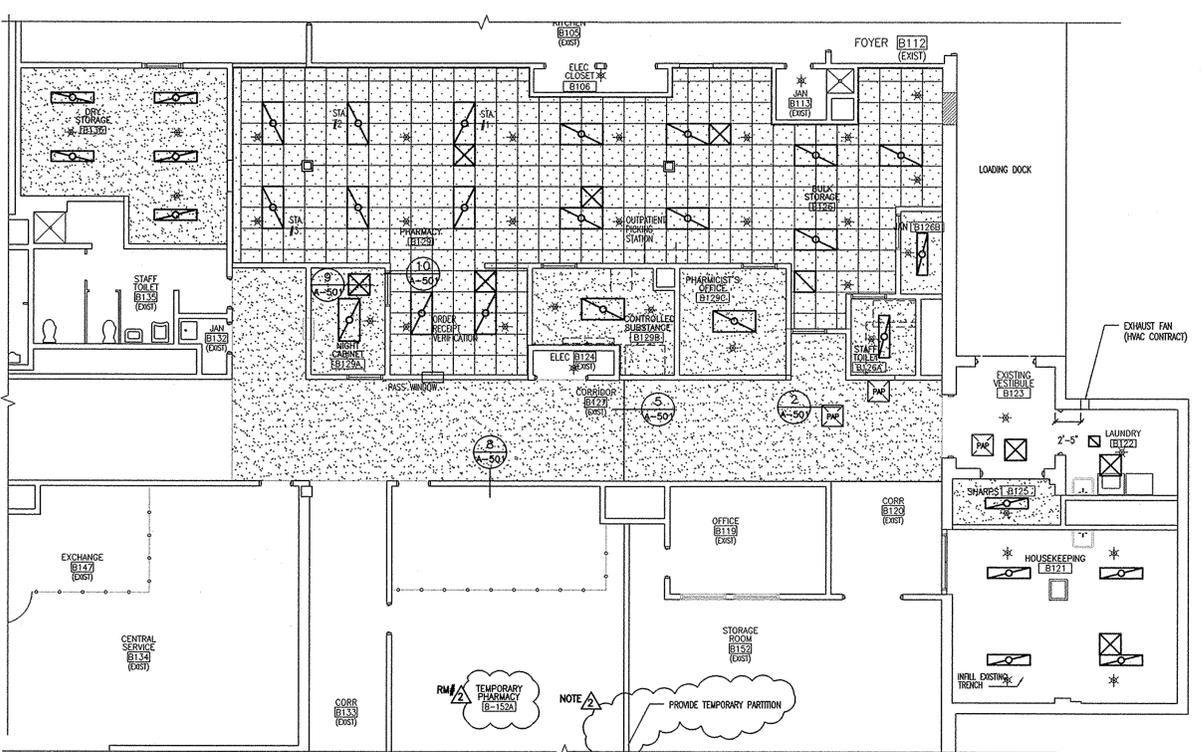
3 PARTITION PLAN
SCALE: 1/8" = 1'-0"



KEY PLAN



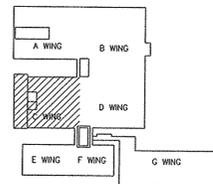
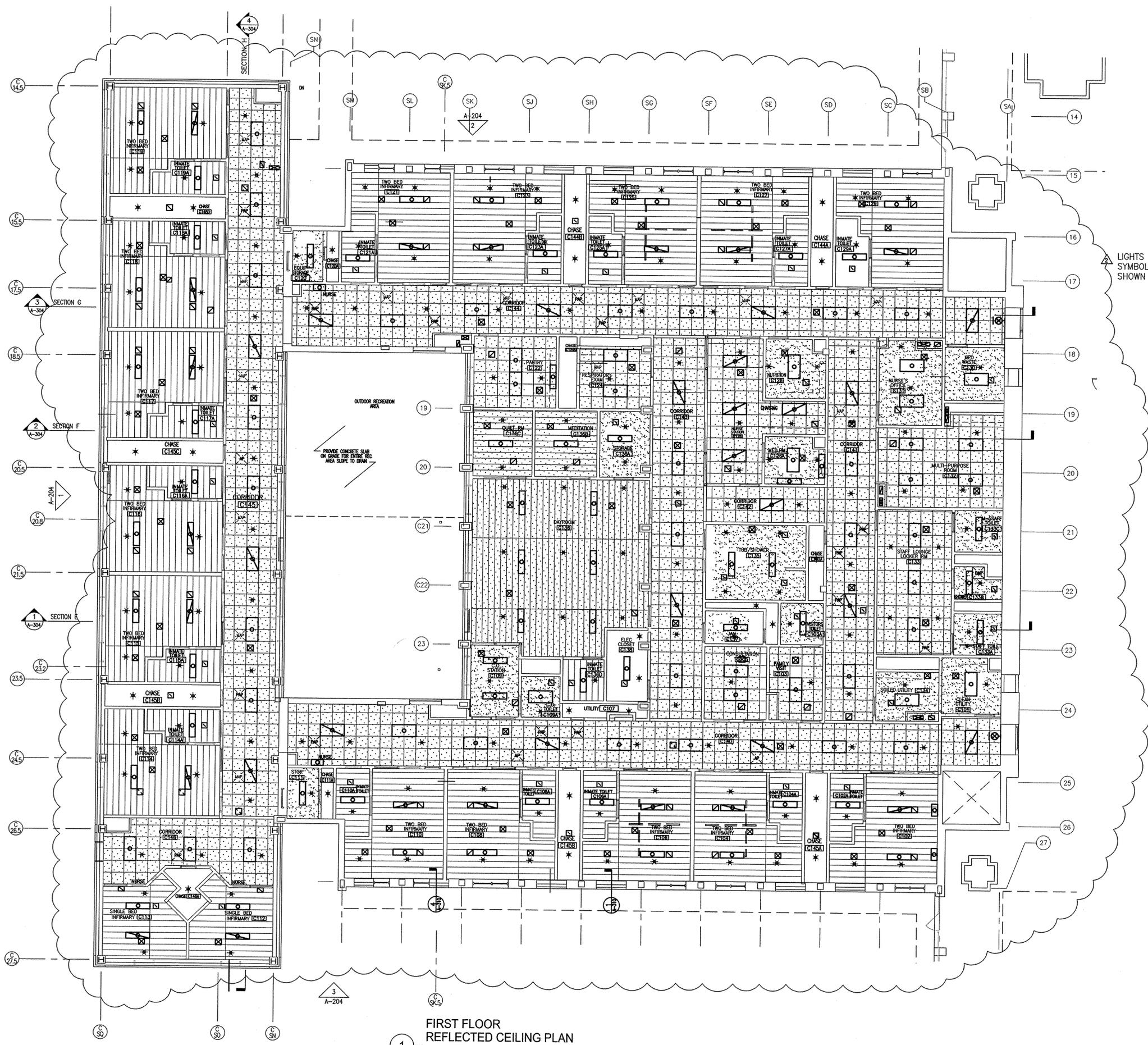
1 REMOVALS PLAN
SCALE: 1/8" = 1'-0"



4 FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"

NOTES:

- SEE REMOVALS LEGEND AND NOTES DRAWING A-129.
- SEE FLOOR PLAN LEGEND AND NOTES DRAWING A-130.
- SEE PARTITION PLAN LEGEND AND NOTES A-132.
- SEE CEILING PLAN LEGEND AND NOTES A-133.



KEY PLAN

LIGHTS SYMBOLS SHOWN

CEILING LEGEND

- 1X12' STEEL PLANK (MPL-1)
- (MPL-1) 1X12' PERFORATED STEEL PLANK
- (MA) 2X2 PERFORATED STEEL PANKS
- POLYCARBONATE BACKED GFRPM BOARD (SBR) CEILING SYSTEM
- EXPOSED STRUCTURE (ES)
- MECHANICAL ACCESS PANEL
- PLUMBING ACCESS PANEL
- SUPPLY DIFFUSER
- RETURN DIFFUSER
- CEILING TRACK FOR PATIENT LIFT (LOCHE AS DIRECTED)
- SPRINKLER HEAD (SEE F-SERIES DRAWINGS)
- WALL MOUNTED NIGHT LIGHT
- WALL MOUNTED DESK LIGHT
- CEILING LIGHT FIXTURE
- WALL MOUNTED LIGHT
- CEILING MOUNTED LIGHT
- WALL MOUNTED EXIT LIGHT
- CEILING MOUNTED EXIT LIGHT

CEILING PLAN NOTES

1. SEE FLOOR PLAN DRAWINGS FOR DOOR, WINDOW AND DETAIL REFERENCE NUMBERS.
2. SEE PARTITION PLAN DRAWINGS FOR INTERIOR DIVISIONS AND PARTITION/WALL TYPE DESIGNATIONS.
3. COORDINATE SIZE AND LOCATION OF LIGHT FIXTURES, HVAC GRILLS, ACCESS PANELS, SPRINKLERS AND ALL OTHER CEILING ATTACHMENTS OR PENETRATIONS WITH MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTS THROUGHOUT CONSTRUCTION.

FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



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CONSTRUCTION

TITLE: PROVIDE LONG TERM CARE ADDITION AT G-WING RENOVATE C & E-WINGS WALSH MEDICAL RMU
 LOCATION: MOHAWK CORRECTIONAL FACILITY 6514 STATE RTE 26 ROME, NEW YORK
 CLIENT: NYS DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

ADDENDUM-5

REVISION #2	10-19-11	ADDENDUM-5
	10-05-11	ADDENDUM-3
REVISION #1	09-21-11	ADDENDUM-1
BD	04-19-11	BID DOCUMENTS
100%	06-10-09	REVISED SUBMISSION
100%	03-18-09	SUBMISSION
MARK	DATE	DESCRIPTION

PROJECT NUMBER: **43262- C**
 DESIGNED BY: REID SIMONDS
 DRAWN BY: N LENDRUM
 FIELD CHECK:
 APPROVED:

SHEET TITLE:
C-WING FIRST FLOOR CEILING PLAN

DRAWING NUMBER:
A-128

Oct 21, 2011 - 9:41am
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LOCATION: MOHAWK CORRECTIONAL FACILITY 6514 STATE RTE 26 ROME, NEW YORK

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ADDENDUM-5

REV	DATE	DESCRIPTION
2	10-19-11	ADDENDUM-5
-	10-05-11	ADDENDUM-3
1	09-21-11	ADDENDUM-1
BD	04-19-11	BID DOCUMENTS
100%	06-10-09	REVISED SUBMISSION
100%	03-18-09	SUBMISSION
MARK	DATE	DESCRIPTION

PROJECT NUMBER: **43262- C**

DESIGNED BY: REID SIMONDS

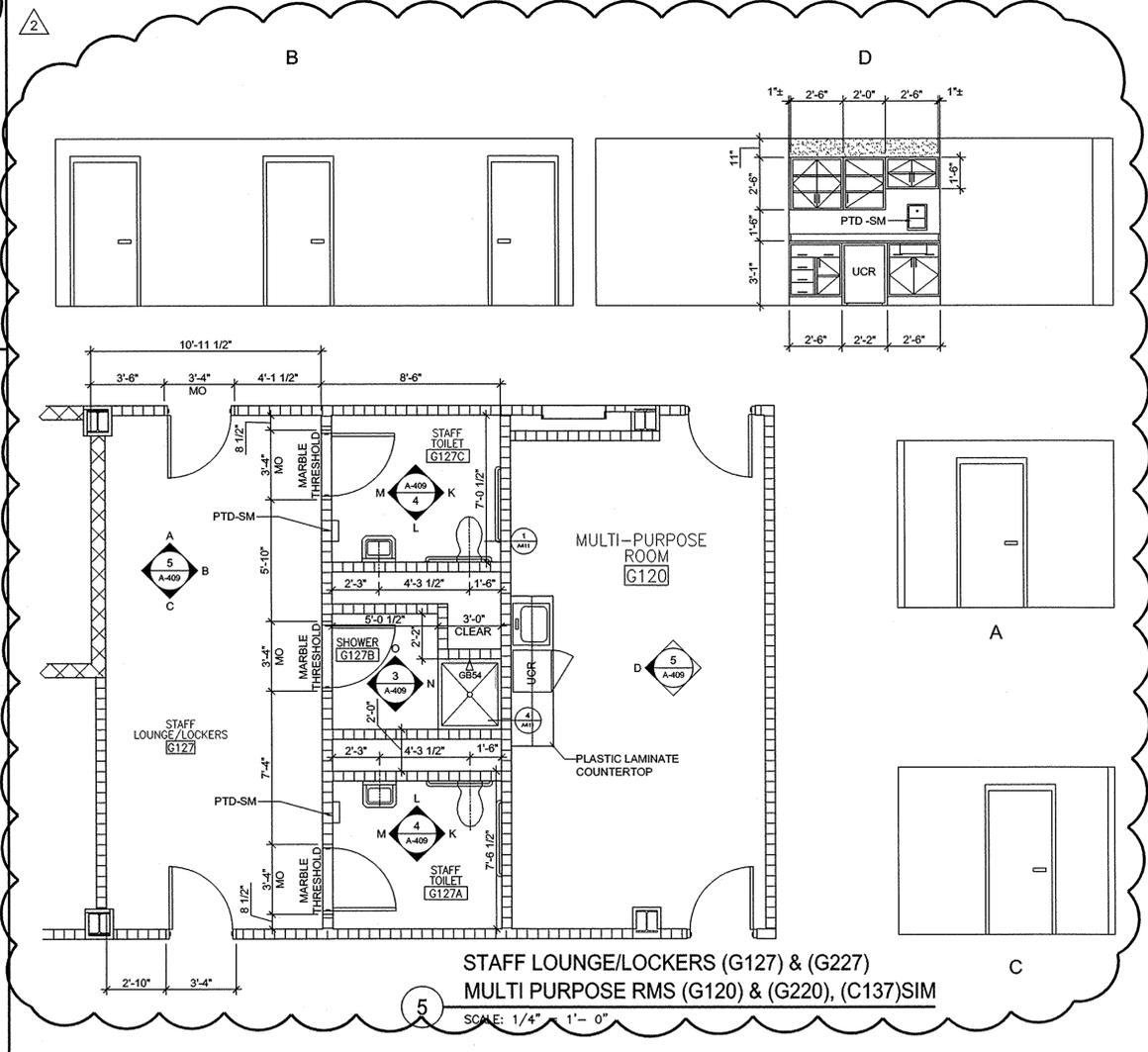
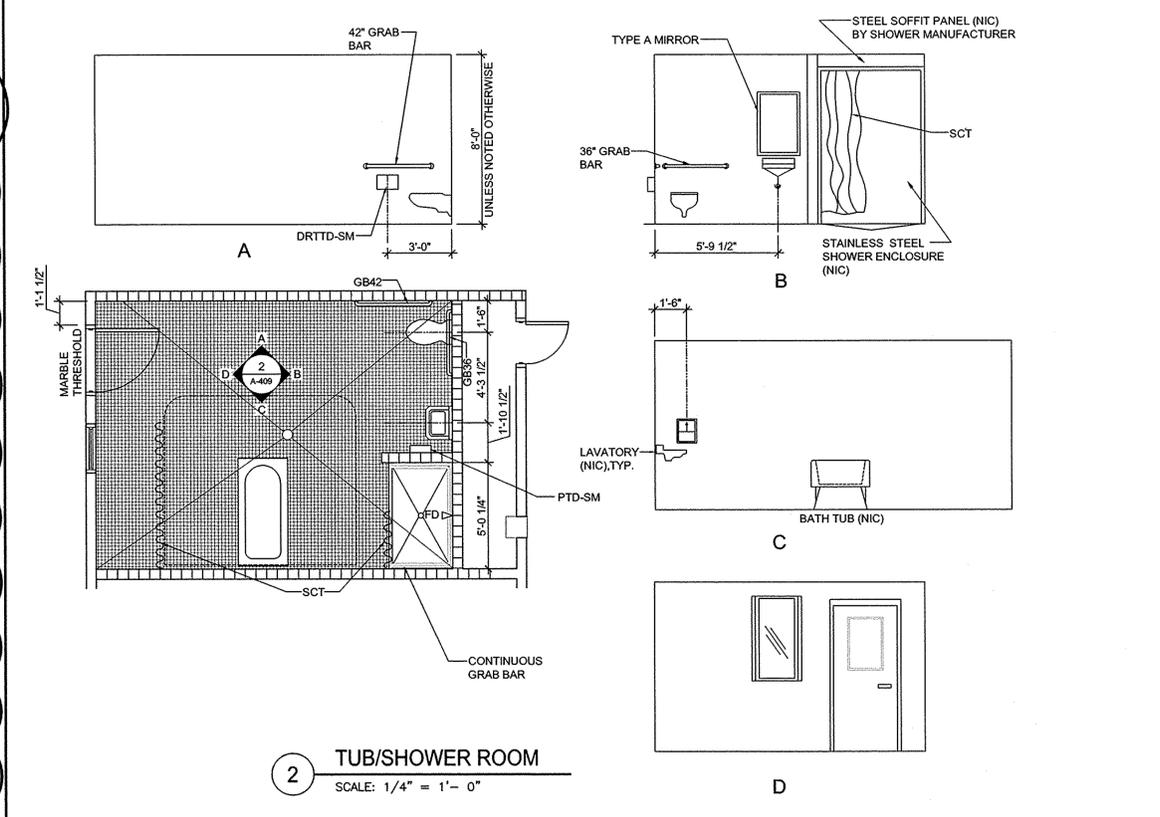
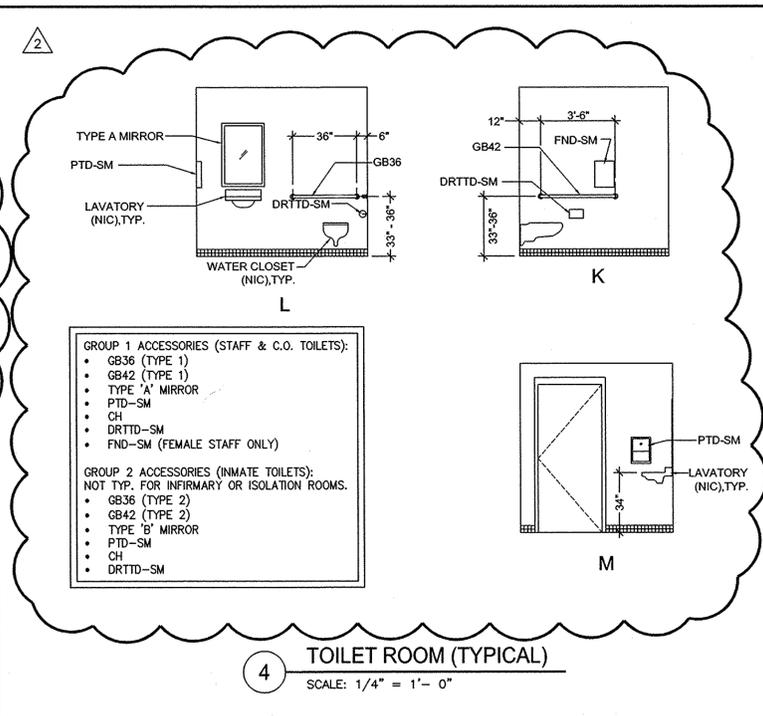
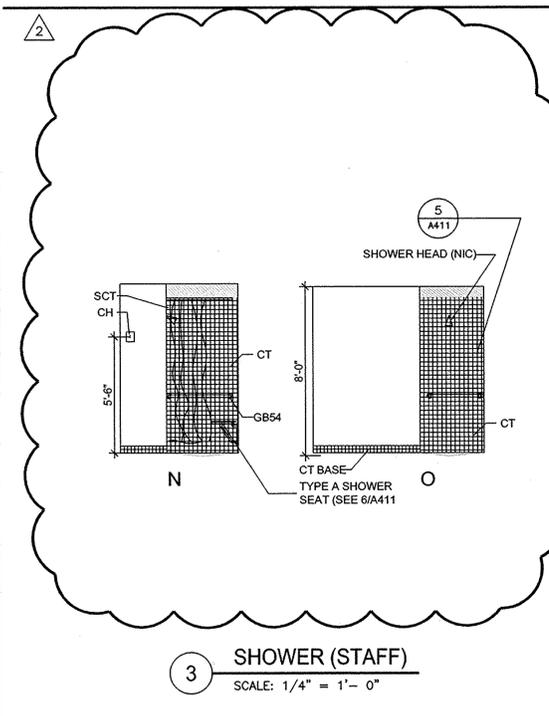
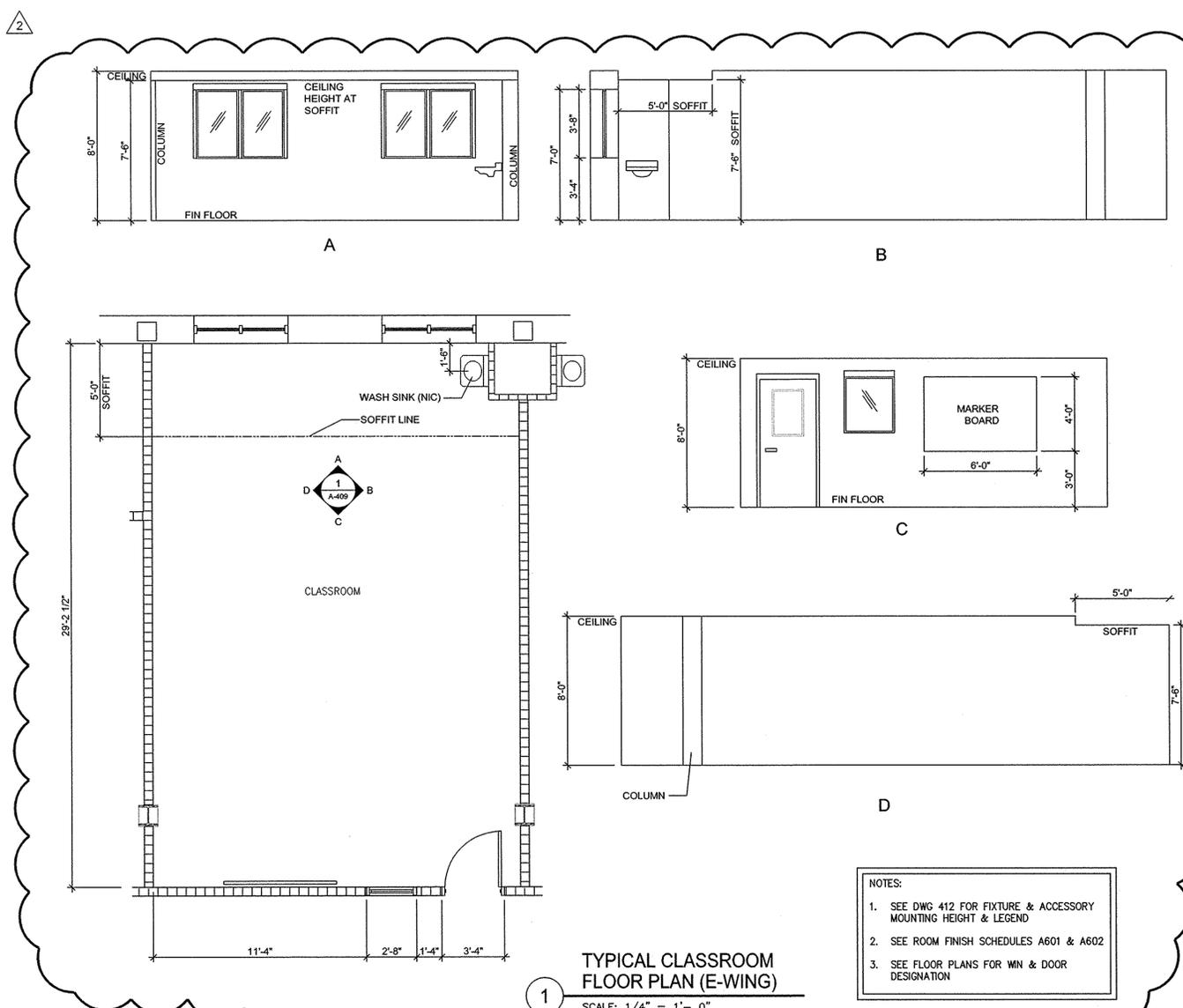
DRAWN BY: PETER J. BRADLEY

FIELD CHECK:

APPROVED:

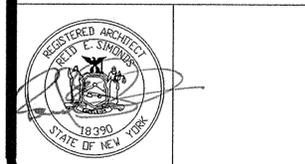
SHEET TITLE: TYPICAL CLASSROOM, TUB/SHOWER & STAFF LOCKER AREA INTERIORS

DRAWING NUMBER: A-409



CONSULTANT

WARNING:
 THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.



CONSTRUCTION

TITLE: PROVIDE LONG TERM CARE ADDITION AT G-WING RENOVATE C & E-WINGS WALSH MEDICAL RMU

LOCATION: MOHAWK CORRECTIONAL FACILITY 6514 STATE RTE 26 ROME, NEW YORK

CLIENT: NYS DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

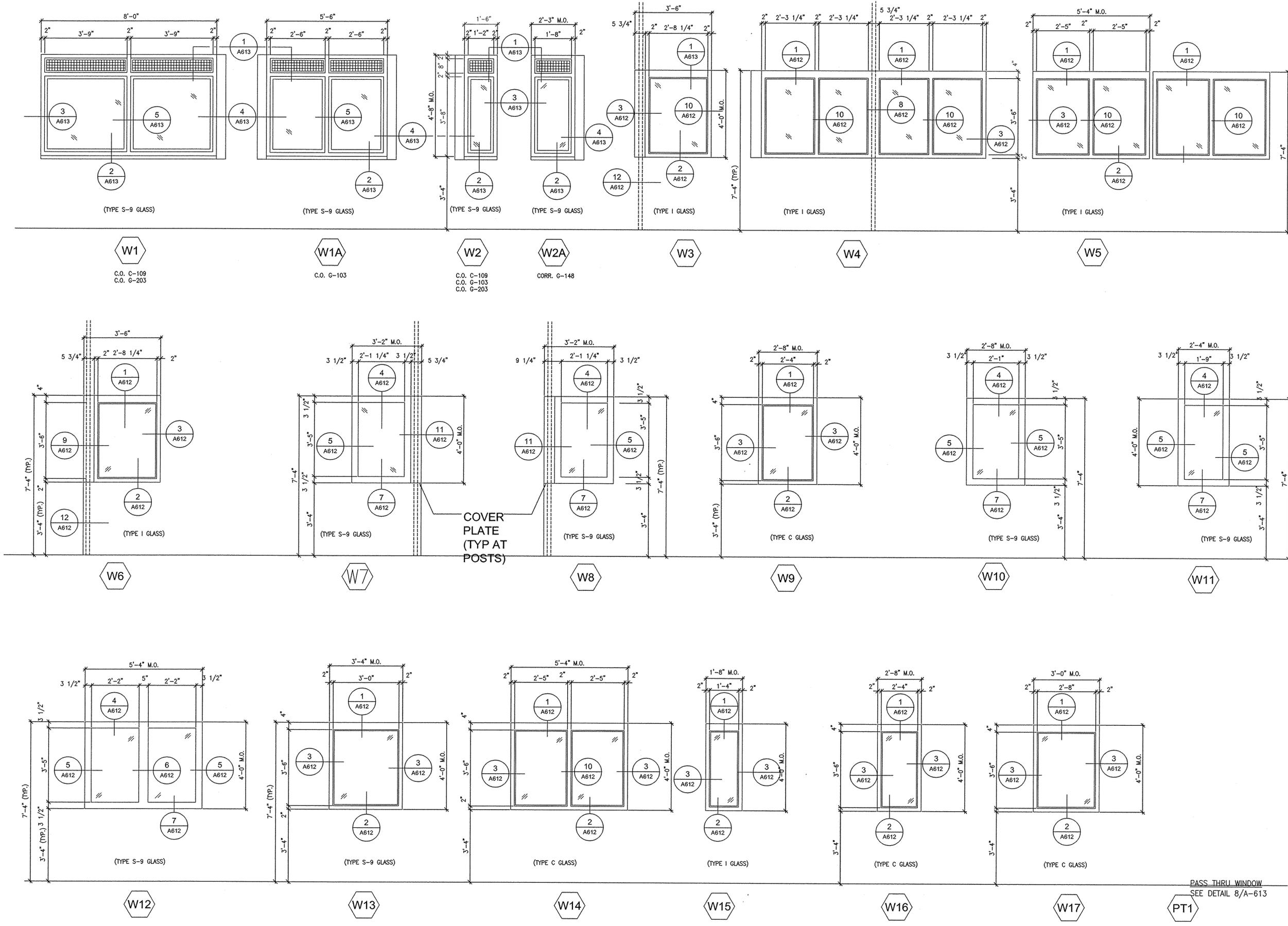
ADDENDUM-5

REVISION #	DATE	DESCRIPTION
	10-19-11	ADDENDUM-5
	10-05-11	ADDENDUM-3
REVISION #1	09-21-11	ADDENDUM-1
BD	04-19-11	BID DOCUMENTS
100%	06-10-09	REVISED SUBMISSION
100%	03-18-09	SUBMISSION
MARK	DATE	DESCRIPTION

PROJECT NUMBER: **43262-C**
 DESIGNED BY: REID SIMONDS
 DRAWN BY: C.DWYER / N.LENDRUM
 FIELD CHECK:
 APPROVED: DATE DESCRIPTION

SHEET TITLE: **INTERIOR WINDOW ELEVATIONS**

DRAWING NUMBER: **A-609**



04_24_2011 - 8:53am
 V:\Design\Const\PA232x\43262\CoordArch\A609-WINDOW-BETS.dwg
 35x24 PLOT SHEET

PASS THRU WINDOW
 SEE DETAIL 8/A-613