



DESIGN AND CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 2 TO PROJECT NO. 44854

**CONSTRUCTION, HVAC WORK, PLUMBING WORK, ELECTRICAL WORK
PROVIDE CENTRAL SECURITY UNIT, BUILDING No. 51
HIGHLAND RESIDENTIAL CENTER
629 NORTH CHODIKEE LAKE ROAD
HIGHLAND, NY 12528**

February 4, 2016

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.

CONSTRUCTION SPECIFICATIONS

1. SECTION 087100 FINISH HARDWARE: The attached Section (pages 087100-1 thru 087100-15) which is included in the Construction Contract Project Manual accompanies this addendum for reference by the bidders of the HVAC, Plumbing and Electrical contracts.

STRUCTURAL DRAWINGS

2. Addendum Drawings:
 - a. Substitute the Addendum Drawing issued under Addendum #1 with Drawing No. S-100 noted "ADDENDUM DRAWING 01/29/2016" which accompanies this Addendum.

FIRE ALARM DRAWINGS

3. Revised Drawing:
 - a. Drawing No. FA-101 noted "02/04/2016 REVISED DRAWING" accompanies this Addendum and replaces the same numbered originally issued drawing.

END OF ADDENDUM

Margaret F. Larkin
Executive Director
Design and Construction

SECTION 087100

FINISH HARDWARE

PART 1 GENERAL

1.01 RELATED WORK IN OTHER SECTIONS

- A. Section 081182: Steel Doors and Frames.

1.02 REFERENCES

- A. NFPA 80 Fire Doors and Windows (2007).
- B. NFPA 101 Life Safety Code (2006).
- C. Building Code of New York State (2010).
- D. ICC/ANSI A117.1-2003 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 A156.18 Materials and Finishes (2006).
- M. ANSI/BHMA Standard A156.22 Door Gasketing Systems (2005).
- N. ANSI/BHMA Standard A156.26 Continuous Hinges (2006).
- O. DHI - Door and Hardware Institute.
- P. NAAM Standard HMMA 800-96- Hollow Metal Manufacturers Association.
- Q. NAAM Standard HMMA 831-97 Recommended Hardware Locations for Custom Hollow Metal Doors and Frames.
- R. 2010 Standards for State and Local Government Facilities: Title II.

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 frames, doors, and architectural hardware; to show interface between partitions and 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. The approved benchmark may be incorporated into the work of this section.

1.04 SUBMITTALS

- A. Waiver of Submittals: The Waiver of Certain Submittal Requirements in Section 013300 does not apply to this Section.
- B. Re-Evaluation Fee: In accordance with the General Conditions 07213 Article 4.7.
- C. 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.

D. 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 gaskets.
 - 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. Closeout Submittals Package: 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 the approved Finish Hardware Schedule and subsequent information bulletins.

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 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 gaskets.

- 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 teleconference 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 consulting hardware designer, and OGS Designers shall attend. The OGS Finish Hardware Reviewer shall conduct the conference.
- F. On Site Pre-installation Conference: Before finish hardware installation begins, the Director's Representative will call a conference 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 template and adjustments.
 - 9. Special tools and maintenance items.
 - 10. Hardware Closeout requirements.
 - 11. Hardware Warranties.
- G. Pre-installation Conference Attendance: The Construction Contractor, Company Field Advisors, authorized Finish Hardware Installers, and the Finish Hardware Distributor's Architectural Hardware Consultant shall attend the conference. OGS's Finish Hardware Reviewer conducts the meeting. OGS designers and facility personnel may attend. The Company Field Advisors will present installation instruction and advice.
- H. Pre-Benchmark-Construction Meeting: Prior to the construction of the mock-up, a meeting will be held at the site to review the requirements, and discuss the intent of the mock-up. The meeting will be scheduled by the Director's Representative and conducted by the Hardware Designer. The meeting shall be attended by the Director's Representative, the Hardware Designer, the Contractor's onsite foreman, the person supervising this phase of the Work (if different), and the person (people) who will be performing the work.
- I. Construction of Benchmark: Before installing portions of the Work requiring benchmarks, install benchmarks for each form of construction required to comply with the following requirements, using materials indicated for the completed Work.

1. Build hardware benchmark in door and frame assembly, specified in section 081102, in locations as directed, and include continuous hinge, lockset, closer, surface overhead stop and gaskets.
 2. Notify the Director's Representative in advance of dates and times when benchmark will be constructed.
 3. Install benchmark with supervisor oversight and workers who will be employed during the construction of the Work.
 4. Construct benchmarks using the exact materials, products, methods, and workmanship that were approved for the Work.
 5. Obtain Director's Representative's approval of benchmarks before starting work, fabrication, or construction.
 6. Maintain benchmarks during construction in an undisturbed condition as a standard for judging the completed Work.
 7. Failure to maintain this standard of quality will be cause for rejection of the Work.
 8. Benchmark may be used in the Work unless otherwise indicated.
- J. Uniformity of Hardware and Single Source Responsibility: For each kind of hardware provide product(s) of a single manufacturer.
- K. 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 for 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 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 hole template pattern regardless of type or application.
 2. Closer arms: Non-handed forged steel.
 3. Closer size: Provide non-sized closers set to size 3 prior to shipping to jobsite.
 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 x 630.
2. Lockset: 1ea – Sargent 9204 x LSL x 36 x WBS x LSL x 630.
3. Mortise Lock Cylinder: 1ea - Compatible with specified lock above x 626.
4. Combination Flush Bolt Set: 1set - Rockwood 2845 x torx x 626.
5. Coordinator: 1ea - Rockwood 2672 x torx x black prime.
6. Coordinator Mounting Bracket: 3ea - Rockwood 2601AB or 2601C, per soffit size x torx x black prime.
7. Closer: 1ea – LCN 4211 x active leaf x SRI x torx x AL
8. Closer: 1ea – LCN 4211 x ST3456 arm x inactive leaf x SRI x torx x AL See installation note.
9. Kick Plate: 2ea – Rockwood K1062 10” x 1 ½” LDW x B4E x CSK x torx with center security pin x 630.
10. Overhead Stop: 1ea - Glynn Johnson 814S x thru-bolt x torx x 630 x inactive leaf only. See installation note.
11. Wall stop: 1ea – Rockwood 400/402 as required x torx x 626.
12. Meeting Stile Smoke Gaskets: 1ea – DHSI SAB x dark brown. See installation note.
13. Gasketing: 1set – DHSI CNS105B head and strike jamb x CNS105B-3HJ hinge jamb x anti-ligature x dark brown.
14. Astragal: 1ea – DHSI SAB x dark brown.
15. Door Sweep: 2ea – Pemko 315AN x torx
16. Door Threshold: 1ea – Pemko 172A x match width of jamb x torx
Installation note- Install coordinator then overhead stop before closer.
Install lock strike before meeting stile gasket mounted on inactive leaf offset towards push side.

B. Group 2:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x torx x 630.
2. Electrified Lockset: 1ea – RR Brink 3526-300 x curved lip strike x wrought box x KCE x match jamb depth x LSS x 630.
3. Mortise Lock Cylinder: 2ea - Compatible with specified lock above x 626.
4. Pull: 1ea – Rockwood 94L x torx x 630
5. Push Plate: 1ea – Rockwood 70C x torx x 630
6. Closer: 1ea – LCN 4216 x SRI x AL
7. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x CSK x torx x 630
8. Wall Stop: 1ea – Rockwood 400/402 as required x torx x 626
9. Gasketing: 1set – DHSI 105B x head and strike jamb x 105B-3HJ hinge jamb x Dark Brown

10. Door Sweep: 1ea – Pemko 315AN x torx
Note- Door Controls, intercoms, power supply, and door position switch by Security Contractor. Coordinate with Security Contractor and prep frame for all items being provided.

Description of operation- Door closed and locked. Valid credential activates latch retraction. Key retracts latch but does not by-pass door position switch. Door push/pull to open.

C. Group #3:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x torx x 630
2. Electrified Lockset: 1ea – RR Brink 3526-300 x curved lip strike x wrought box x KCE x match jamb depth x LSS x torx x 630
3. Mortise Lock Cylinder: 2ea - Compatible with specified lock above x 626
4. Pull: 1ea – Rockwood 94L x 630
5. Push Plate: 1ea – Rockwood 73C x torx x 630
6. Closer: 1ea – LCN 4216 x ST3456 arm x SRI x AL
7. Overhead Stop: 1ea – Glynn Johnson 815S x thru-bolt x torx x 630. See installation note.
8. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x CSK x torx x 630
9. Gasketing: 1set – DHSI 105B head and strike jamb x 105B-3HJ hinge side x Dark Brown
10. Door Sweep: 1ea – Pemko 315AN x torx
11. Door Threshold: 1ea – Pemko 172A x match width of jamb x torx
Installation note- Install overhead stop before closer.
Note- Door Controls, intercoms, power supply, and door position switch by Security Contractor. Coordinate with Security Contractor and prep frame for all items being provided.
Description of operation- Door closed and locked. Valid credential activates latch retraction. Key retracts latch but does not by-pass door position switch. Door push/pull to open.

D. Group #4:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x torx x 630.
2. Lockset: 1ea – Sargent 9204 x LSL x 36 x WBS x 630
3. Mortise Lock Cylinder: 1ea - Compatible with specified lock above x 626
4. Closer: 1ea – LCN 4216 x ST3456 arm x SRI x AL
5. Overhead Stop: 1ea – Glynn Johnson 815S x thru-bolt x torx x 630. See installation note.
6. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x CSK x torx x 630
7. Gasketing: 1set – DHSI 105B head and strike jamb x 105B-3HJ hinge jamb x Dark Brown
8. Door Sweep: 1ea – Pemko 315AN x torx
9. Door Threshold: 1ea – Pemko 172A x match width of jamb x torx

Installation note- Install overhead stop before closer.
Door position switch by Security Contractor. Coordinate with Security Contractor and prep frame for all items being provided.

E. Group 5:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x torx x 630.
2. Electrified Lockset: 1ea – RR Brink 3526-300 x curved lip strike x wrought box x KCE x match jamb depth x LSS x 630.
3. Mortise Lock Cylinder: 2ea - Compatible with specified lock above x 626.
4. Pull: 1ea – Rockwood 94L x torx x 630
5. Push Plate: 1ea – Rockwood 73C x torx x 630
6. Closer: 1ea – LCN 4211 x SRI x AL.
7. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x CSK x torx x 630.
8. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x CSK x torx x 630.
9. Wall Stop: 1ea – Rockwood 400/402 as required x torx x 626.
Note- Door Controls, intercoms, power supply, and door position switch by Security Contractor. Coordinate with Security Contractor and prep frame for all items being provided.
Description of operation- Door closed and locked. Valid credential activates latch retraction. Key retracts latch but does not by-pass door position switch. Door push/pull to open.

F. Group 6:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x torx x 630.
2. Electrified Lockset: 1ea – RR Brink 3526-300 x curved lip strike x wrought box x KCE x match jamb depth x LSS x 630.
3. Mortise Lock Cylinder: 2ea - Compatible with specified lock above x 626.
4. Pull: 1ea – Rockwood 94L x torx x 630
5. Push Plate: 1ea – Rockwood 73C x torx x 630
6. Closer: 1ea – LCN 4514T x SRI x AL.
7. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x CSK x torx x 630.
8. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x CSK x torx x 630.
9. Wall Stop: 1ea – Rockwood 400/402 as required x torx x 626.
10. Gasketing: 1set – DHSI 105B head and strike jamb x 105B-3HJ hinge jamb x Dark Brown
Note- Door Controls, intercoms, power supply, and door position switch by Security Contractor. Coordinate with Security Contractor and prep frame for all items being provided.
Description of operation- Door closed and locked. Valid credential activates latch retraction. Key retracts latch but does not by-pass door position switch. Door push/pull to open.

G. Group 7:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x torx x 630.
2. Electrified Lockset: 1ea – RR Brink 3526-300 x curved lip strike x wrought box x KCE x match jamb depth x LSS x 630.
3. Mortise Lock Cylinder: 2ea - Compatible with specified lock above x 626.
4. Pull: 1ea – Rockwood 94L x torx x 630
5. Push Plate: 1ea – Rockwood 73C x torx x 630
6. Closer: 1ea – LCN 4211 x SRI x AL.
7. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x CSK x torx x 630.
8. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x CSK x torx x 630.
9. Wall Stop: 1ea – Rockwood 400/402 as required x torx x 626.
10. Gasketing: 1set – DHSI 105B head and strike jamb x 105B-3HJ hinge jamb x Dark Brown
Note- Door Controls, intercoms, power supply, and door position switch by Security Contractor. Coordinate with Security Contractor and prep frame for all items being provided.
Description of operation- Door closed and locked. Valid credential activates latch retraction. Key retracts latch but does not by-pass door position switch. Door push/pull to open.

H. Group 8:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x torx x 630.
2. Electrified Lockset: 1ea – RR Brink 3526-300 x curved lip strike x wrought box x KCE x match jamb depth x LSS x 630.
3. Mortise Lock Cylinder: 2ea - Compatible with specified lock above x 626.
4. Pull: 1ea – Rockwood 94L x torx x 630
5. Push Plate: 1ea – Rockwood 73C x torx x 630
6. Closer: 1ea – LCN 4211 x ST3456 arm x SRI x AL.
7. Overhead Stop: 1ea – Glynn Johnson 814S x thru-bolt x torx x 630. See installation note.
8. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x CSK x torx x 630.
9. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x CSK x torx x 630.
Installation note- Install overhead stop before closer.
Note- Door Controls, intercoms, power supply, and door position switch by Security Contractor. Coordinate with Security Contractor and prep frame for all items being provided.
Description of operation- Door closed and locked. Valid credential activates latch retraction. Key retracts latch but does not by-pass door position switch. Door push/pull to open.

H. Group 9:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x torx x 630.
2. Privacy Lock: Sargent 9225 x LSL x 36 x WBS x 630
3. Mortise Lock Cylinder: 1ea - Compatible with specified lock above x 626.
4. Closer: 1ea – LCN 4211 x SRI x AL.
5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x CSK x torx x 630.
6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x CSK x torx x 630.
7. Wall Stop: 1ea – Rockwood 400/402 as required x torx x 626.

I. Group 10:

1. Continuous Hinge: 2ea – Zero 919 STST x HT x marked “Top” x torx x 630.
2. Lockset: 1ea – Sargent 9204 x LSL x 36 x WBS x 630.
3. Mortise Lock Cylinder: 1ea - Compatible with specified lock above x 626.
4. Closer: 1ea – LCN 4211 x SRI x AL.
5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x CSK x torx x 630.
6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x CSK x torx x 630.
7. Wall Stop: 1ea – Rockwood 400/402 as required x torx x 626.

J. Group 11:

1. Continuous Hinge: 1ea – Zero 919 STST x HT x marked “Top” x torx with center security pin x 630.
2. Lockset: 1ea – Sargent 9237 x LSL x 36 x WBS x 630.
3. Mortise Lock Cylinder: 1ea - Compatible with specified lock above x 626.
4. Closer: 1ea – LCN 4211 x SRI x thru-bolt x AL.
5. Kick Plate: 1ea – Rockwood K1062 10” x 1 ½” LDW x B4E x CSK x torx x 630.
6. Mop Plate: 1ea – Rockwood K1062 4” x ½” LDW x B4E x CSK x torx x 630.
7. Wall stop: 1ea – Rockwood 400/402 as required x torx with center security pin x 626.

K. Group 12: Furnish a quantity of 1 (one) as follows:

1. 50 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.

L. Door Interlocking

1. Interlock doors 101 & 102
2. Interlock doors 102, 102A, 102B,&116
3. Interlock doors 102B, 103, 109, &117
- 4.

2.05 KEYING

- A. Provide zero bitted lock cylinders for existing 6 pin Corbin Russwin key system.
 - 1. Furnish 7 key blanks for each keyed lockset.
 - 2. When lockset and cylinder are by different manufacturers, identify and furnish correct cylinder cam to operate lockset.
 - 3. Provide compression rings and spacers to achieve proper spacing relationship between cylinder and face of door.

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 and holders 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 and holders 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. 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.
- F. Gasket 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 gasket with hardware before installation.

4. Install units plumb and level at the optimum location to maintain a permanent effective seal.
- G. After installation, cover and protect hardware to prevent damage during remaining construction. Remove protection upon completion of construction.
- H. Security Vendor to completely wire and certify in writing that each door has been function tested after installation.

3.03 LOCATIONS

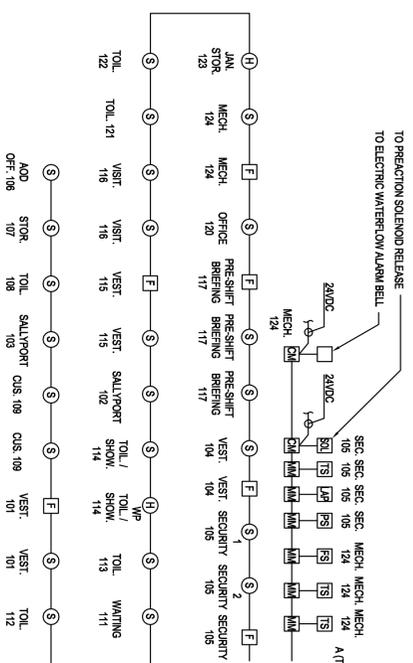
- A. Locate hardware as follows:
 1. Door Closers: Template for maximum door swing allowed by wall placement and jamb conditions. Where overhead stop prevents door from swinging to wall, template the closer to exceed degree of opening allowed by overhead stop.
 2. Protection Plates: 1/8 inch from door 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

FJH



TO REACTION SQUEND RELEASE
 TO ELECTRIC WATERFLOW ALARM BELL

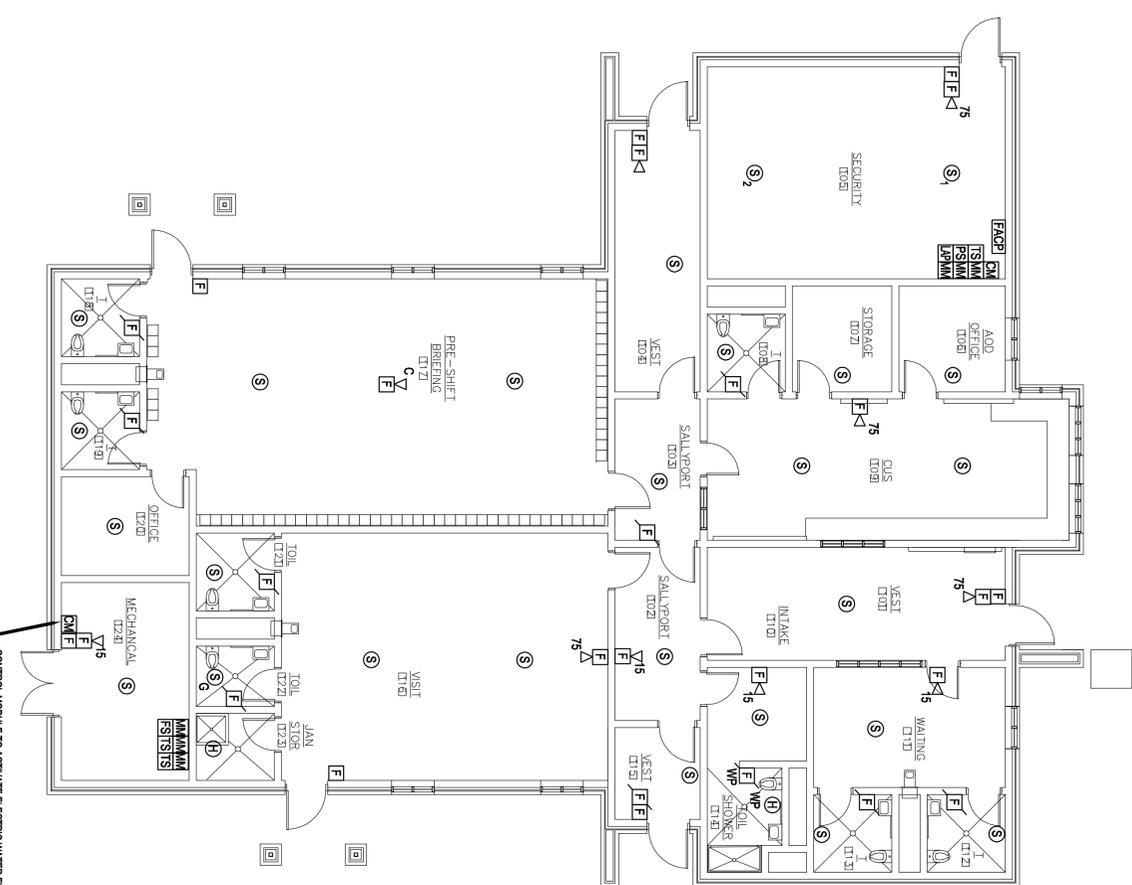
PROVIDE TWO (2) SIX STRAND FIBER CABLES TO TELCO BUILDING. FIBERS SHALL BE RAIN IN.
 SEPARATE CONDUIT AND INNER DUCT. UTILIZE EXISTING PATHWAY TO BUILDING 51 FROM TELCO HUT.
 TERMINATE AND PATCH TO EXISTING FIRE ALARM FIBER IN TELCO BUILDING. TERMINATE IN BUILDING 51 AT NEW HEAD END LOCATION.

2 FIRE ALARM RISER DIAGRAM

SCALE: NTS

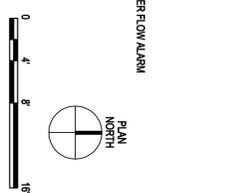
CABLE LEGEND	
LETTER	CONDUCTOR
A	1-PAIR #18 AWG
B	1-PAIR #18 AWG
C	1-PAIR & GROUND #12 AWG

LEGEND	
— SLC —	STANDARD PFP CABLE SLC AND MFC CIRCUITS
— MFC —	NOTIFICATION APPLIANCE CIRCUIT - NUMBER DESIGNATES CIRCUIT.



1 FIRST FLOOR PLAN

SCALE: 3/4"=1'-0"



NEW YORK STATE ARCHITECTS
Office of General Services
 DESIGN & CONSTRUCTION

C&S Companies
 C&S Engineers, Inc.
 400 West Broadway
 Syracuse, New York 13212

JOSEPH C. ROBLEE ARCHITECTS
 53 BURGONYNE AVENUE
 FORT EDWARD, NEW YORK

WARNING:
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ELECTRICAL
 CONTRACTOR:
 TITLE: PROVIDE CENTRAL SECURITY
 BUILDING NO. 51

LOCATION:
 HIGHLAND RESIDENTIAL CENTER
 629 NORTH CHODIKEE LAKE ROAD
 HIGHLAND, NEW YORK 12528

CLIENT:
 NYS OFFICE OF CHILDREN
 AND FAMILY SERVICES

FLOOR PLAN

PROJECT NUMBER:	44854	BID DOCUMENTS
DESIGNED BY:	S. ZVEREKANS	
DRAWN BY:	S. ZVEREKANS	
FIELD CHECK:		
APPROVED:	B. DONNER	

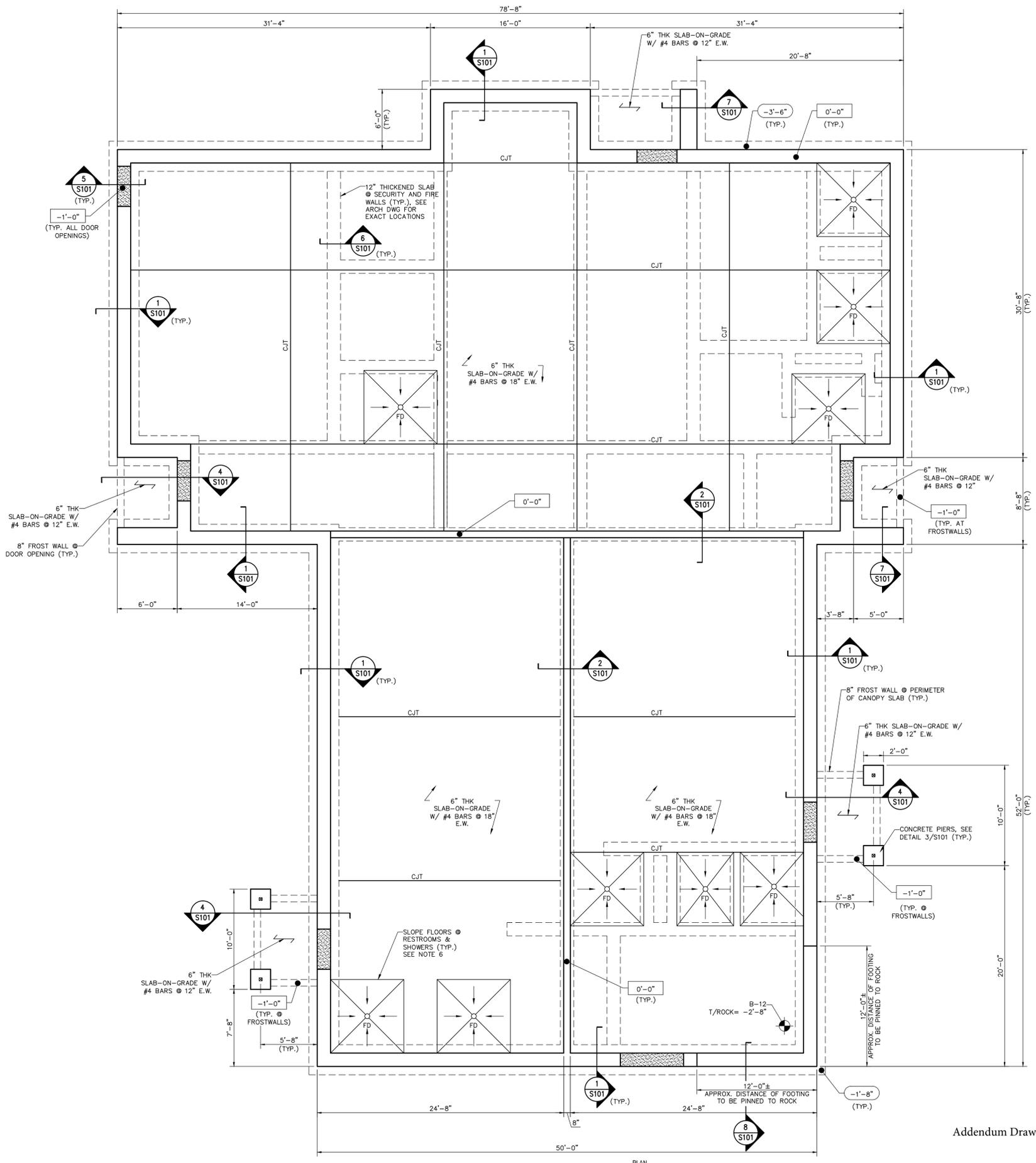
SHEET TITLE:
 FLOOR PLAN

DRAWING NUMBER:
 FA-101

SHEET 54 OF 66

02/04/2016 - REVISED DRAWING

Dec 04 2015 - 10:15am
 F:\m\819\m\819.03 Highland CSU\m\819.03_S-010_PL_FNDN.dwg
 36x24 PLOT SHEET



- NOTES:
1. REFERENCE ELEV. = FINISHED FLOOR ELEV = 0'-0" = 314.2'
 2. X'-XX" = DENOTES T/WALL ELEVATION (± REFERENCE ELEV.)
 3. X'-XX" = DENOTES T/FTG ELEVATION (± REFERENCE ELEV.)
 4. CJT DENOTES SLAB-ON-GRADE CONTROL JOINT.
 5. [Hatched symbol] DENOTES DOOR OPENING. SEE ARCH. DWGS FOR EXACT OPENING LOCATIONS AND DIMENSIONS.
 6. FD DENOTES FLOOR DRAIN. SLOPE SLAB TOWARDS DRAIN AT 1/8":1'-0". REFER TO ARCH DWGS FOR EXACT LOCATION.

1 FOUNDATION PLAN
 S-100 SCALE: 3/16" = 1'-0"

Addendum Drawing 01/29/2016

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CONTRACT: **CONSTRUCTION**

TITLE: PROVIDE CENTRAL SECURITY

LOCATION: HIGHLAND RESIDENTIAL CENTER
 NORTH CHODIKEE LAKE ROAD
 HIGHLAND, NY 12528

CLIENT: OFFICE OF CHILDREN
 AND FAMILY SERVICES

MARK	DATE	DESCRIPTION
-	12/7/2015	BID DOCUMENTS
PROJECT NUMBER:	44854- C	
DESIGNED BY:	A. DAUSMAN	
DRAWN BY:	S. PUZIER	
FIELD CHECK:		
APPROVED:	C. DOOLEY	