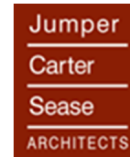


ADDENDUM #01

EMERALD HIGH SCHOOL ADDITIONS &
RENOVATIONS
GREENWOOD SCHOOL DISTRICT 50
JCS PROJECT NO: 22016



APRIL 19, 2023

This addendum modifies the Contract Documents only in the manner and to the extent stated herein and shown on any accompanying drawings and will become a part of the Contract Documents. Except as specified or otherwise indicated by this addendum, all work shall be in accordance with the basic requirements of the Contract Documents.

GENERAL:

1. See attached pre-bid sign in sheet – for information purposes only
2. The location of the new pressbox was discussed. The face of the new pressbox will be located directly against the back of the existing bleacher. If existing bleacher system structure is required to be modified that work will be included under the existing bleacher modification allowance.

QUESTIONS:

1. Question: Which phase are the retention ponds to be completed in?
 - a. Answer: Retention ponds are to be completed in Phase 1
2. Question: What is the scope of work involving the flag pole?
 - a. Answer: Existing flag pole is to be demolished and new flag pole added as shown on the civil drawings. See added specification section “10 7516 - Ground Set Flag Poles”
3. Question: Will the school monument sign be rebuilt or replaced with something else?
 - a. Answer:
4. Question: Is this a Davis-Bacon Project?
 - a. Answer: This is NOT a Davis Bacon project. Eliminate section 1.2.E of specification section 01 0100.
5. Does the existing storefront at the new entry get removed?
 - a. Answer: The existing storefront at the new Secure Entry is to be demolished and new storefront added. See revised sheet A301.
6. Drawing FP1 states that we’re required to visit the site prior to submitting a bid. Is this correct? If so, who needs to visit?
 - a. Answer: As noted on sheet FP1, any fire suppression contractor interested in bidding this work is required to visit the project site prior to submitting a bid and thoroughly familiarize themselves with all existing conditions relating to the project. Onsite visits are to be coordinated with JCS & GWSD 50.
7. Drawing detail 1/A707 calls out “seating, see specs”, please provide the seating specification?
 - a. Answer: See added specification section “12 7150 Pressbox Seating”

SPECIFICATIONS:

Note: Replace the following specification sections or paragraphs with the updated specification sections or paragraphs included in this addendum or add new specifications sections or paragraphs included in this addendum.

| SECTION | SECTION TITLE | DESCRIPTION |
|---------|----------------------|---|
| 01 0100 | SPECIAL CONDITIONS | Eliminate section 1.2.E “Davis Bacon Act of 1931” requirement. Davis Bacon Act is not required on this project. |
| 01 2100 | ALLOWANCES | Add item 1.14 “Existing Bleacher Modification” to specification section 01 2100 “Allowances” |
| 10 7516 | GROUND SET FLAGPOLES | Add specification section 10 75 16 “Ground Set Flagpoles” included in this addendum. |
| 12 7150 | PRESSBOX SEATING | Add specification section 12 7150 “Pressbox Seating” included in this addendum |

ADDENDUM #01

EMERALD HIGH SCHOOL ADDITIONS &
RENOVATIONS
GREENWOOD SCHOOL DISTRICT 50
JCS PROJECT NO: 22016
APRIL 19, 2023



DRAWINGS:

Note: Replace the following sheets with the updated sheets included in this addendum or add new sheets included in this addendum.

| SHEET | SHEET NAME | DESCRIPTION |
|--------------|--|---|
| T103 | FORM F3 | Add sheet T103 included in this addendum. |
| A201 | ATHLETICS ARCHITECTURAL SITE PLAN | Replace sheet A201 with sheet A201 included in this addendum. |
| A301 | PARTIAL FLOOR PLAN, FRONT LOBBY AND CANOPY | Replace sheet A301 with sheet A301 included in this addendum. |
| A501 | FINISH & DOOR SCHEDULES, DOOR TYPES, FRAME TYPES, AND WINDOW TYPES AND DETAILS | Replace sheet A501 with sheet A501 included in this addendum. |
| D101 | DEMOLITION PLAN | Replace sheet D101 with sheet D101 included in this addendum. |
| E003 | ELECTRICAL SITE PLAN | Replace sheet E003 with sheet E003 included in this addendum. |
| E004 | LIGHTING FIXTURE SCHEDULE NOTES AND DETAILS | Replace sheet E004 with sheet E004 included in this addendum. |
| E602 | ELECTRICAL DETAILS | Replace sheet E602 with sheet E602 included in this addendum. |
| C103 | DEMOLITION PLAN | Replace sheet C103 with sheet C103 included in this addendum. |
| C204 | SITE PLAN AREA 2 | Replace sheet C204 with sheet C204 included in this addendum. |

END OF ADDENDUM #01

PRE-BID SIGN-IN

PROJECT: Emerald High School
Additions & Renovations
Greenwood School District 50

PROJECT NO: 22016

DATE: Tuesday, April 10, 2023

NAME: Ken Melvoen

COMPANY: J. DAVIS Construction

ADDRESS: 109 Nunally Rd.

CITY: Anderson **STATE:** SC **ZIP:** _____

PHONE: 864 - 972 - 4720 **CELL:** 864 - 923 - 1048

EMAIL: ~~KenMelvoen@yahoo.com~~
KMelvoen@JDAVISgc.com

NAME: Chuck Bentley Ashley Corp.

COMPANY: ASHLEY CORP

ADDRESS: _____

CITY: Greenwood **STATE:** SC **ZIP:** 29849

PHONE: 864 - 386 - 3235 **CELL:** _____

EMAIL: Chuck@ASACORP.com

NAME: Doug Lavel

COMPANY: Solid Structures

ADDRESS: 2548 Mockingbird Dr.

CITY: West Columbia **STATE:** SC **ZIP:** 29167

PHONE: 803 - 926 - 0288 **CELL:** _____

EMAIL: estimator@solidstructures.info

NAME: Kara Cannon

COMPANY: Edcon, INC.

ADDRESS: 4 Mulberry St.
CITY: Peak STATE: SC ZIP: 29122
PHONE: 803-345-3791 CELL: 803-429-5180
EMAIL: kara@edconinc.com

NAME: MATT SMITH
COMPANY: J.M. COPE
ADDRESS: 400 AUGUSTA ST, SUITE 120
CITY: GREENVILLE STATE: SC ZIP: 29601
PHONE: 864-419-0423 CELL: - -
EMAIL: msmith@jmcope.com

NAME: Jeremy Smith
COMPANY: Harper GC
ADDRESS: 320 E Main St. Suite 400
CITY: Spartanburg STATE: SC ZIP: 29302
PHONE: 864-398-4709 CELL: 864-384-9102
EMAIL: jeremys@harpergc.com

NAME: Jacob Cochran
COMPANY: Uldrich Builders
ADDRESS: 2104 Hwy 72 W
CITY: Greenville STATE: SC ZIP: 28649
PHONE: 864-388-0400 CELL: - 980 - 5375



EMAIL: _____

NAME: Khiry Terry

COMPANY: Construction Dynamic inc.

ADDRESS: 6417 Fairfield RD.

CITY: Columbia STATE: SC ZIP: 29203

PHONE: 803 - 754 - 3395 CELL: 803 - 295 - 0435

EMAIL: Bgraves@cdi-sc.com

NAME: _____

COMPANY: _____

ADDRESS: _____

CITY: _____ STATE: __ ZIP: _____

PHONE: _____ - _____ - _____ CELL: _____ - _____ - _____

EMAIL: _____

NAME: _____

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EMAIL: _____

END PRE-BID SIGN IN SHEET

1.0 GENERAL

1.1 SCOPE: This section lists known special conditions that exist or pertain to the Contract Documents.

1.2 SPECIAL CONDITIONS:

A. ASBESTOS: It is the intent of the plans and specifications to specify only non-asbestos containing materials. Asbestos is defined as follows:

ASBESTOS - The asbestiform varieties of serpentine (chrysotile), rie bekite (crocidolite), cummingtonite grunerite (amosite), anthrophyllite, actinolite, and tremolite.

Materials containing any form of asbestos in any percentages shall not be used.

PRODUCTS SHALL BE ASBESTOS FREE. Suppliers supplying materials containing asbestos in any form or percentages shall be responsible for the removal of these materials if delivered or installed and any cleanup required, in addition to the installation of asbestos free materials.

B. HEAVY METALS: It is the intent of these plans and specifications to specify materials containing NO HEAVY METALS BY DESIGN. Heavy metals are defined as mercury, lead and other metals known to cause bodily harm. Lead products may be used in roofing applications. Lead soldering for any water or waste water is not allowed. Products containing heavy metals may be used only with the written permission of the architect. Cleanup for products, containing heavy metals, installed without written permission shall be at the contractor's expense. Installation of new non-heavy metal products shall be at no cost to the owner.

C. OCCUPANCY BY THE OWNER:

1. Construction of this new facility will occur on an active and occupied school site
2. This site will be occupied, for the duration of this project, by Students, School and District Personnel, Staff, Parents, and others.
3. The contractor shall maintain adequate security fencing to provide separation between the school occupants and construction workers and equipment.

D. The Contractor, His Subcontractors and/or Personnel Employed by either shall:

1. Remain in the designated work areas.
2. Maintain a safe work site at all times.
3. Schedule all work with the Owner.
4. Remain fully clothed at all times on or around job site.
5. Have no verbal contact with students or staff.
6. Sunday work will be allowed.
7. In accordance with State Law, this facility is a No Smoking Facility. An exterior smoking area will be established by the Owner and any smoking shall occur at that area

3.0 NOT USED

END OF SECTION

- 1.0 GENERAL
- 1.1 RELATED DOCUMENTS: Drawings and general provisions of Contract including General & Supplementary Conditions and other Division-1 specification sections, apply to work of this section.
- 1.2 SCOPE: This section describes the allowances that are to be included in the contractor's bid and entered on the Form of Proposal
- 1.3 ALLOWANCE: The following allowances to be used as directed by Architect. Any unused portion of these allowances shall be credited to the Owner at the completion of the work. These allowances shall be considered actual costs and the contractor's profit, insurance, taxes, installation cost, and protection of installed products, will be figured in the bids, except as otherwise noted.
- 1.4 HARDWARE ALLOWANCE:
\$30,000 - including Material, S.C. Sales Tax and Installation.
- 1.6 SIGNAGE:
\$40,000.00 - including Material, S.C. Sales Tax and Installation.
- 1.7 LANDSCAPING AND IRRIGATION:
\$50,000.00 – Including Material, SC Sales Tax and Installation.
- 1.8 UTILITY FACE BRICK:
\$1,200.00/1000 brick– Including Material, and SC Sales Tax.
- 1.9 SECURITY CAMERAS:
\$25,000.00 – Including Material, SC Sales Tax and Installation
- 1.10 ELECTRONIC LOCKS:
\$10,000.00 – Including Material, SC Sales Tax
- 1.11 EMERGENCY RADIO Coverage:
\$40,000.00 - Including Material, SC Sales Tax and Installation
- 1.12 SOUND SYSTEM:
\$100,000.00 - Including Material, SC Sales Tax and Installation
- 1.13 CARPET:
\$10,000.00 - Including Material, SC Sales Tax and Installation
- 1.14 EXISTING BLEACHER MODIFICATION ALLOWANCE
\$35,000.00 - Including Material, SC Sales Tax and Installation
- 1.15 GENERAL ALLOWANCE
\$100,000.00 - Including Material, SC Sales Tax and Installation

NOTE: Allowance money shall be used as directed by the Owner/Architect for the work list and/or other work as deemed necessary for a successful project by the Owner.

END OF SECTION

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes ground-set flagpoles made from aluminum and shipped in one single unit.
- B. Provide 1 each -35' flagpole at the front main entry area of the school. See Civil drawings for location.

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
 - 1. Include construction details, material descriptions, dimensions of individual components and profiles, operating characteristics, fittings, accessories, and finishes for flagpoles.

1.3 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For flagpoles to include in operation and maintenance manuals.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Source Limitations: Obtain flagpoles as complete units, including fittings, accessories, bases, and anchorage devices, from single source from single manufacturer.
- B. Flag Poles:
 - 1. Concord American Flagpole: <https://www.concordamericanflagpole.com>
 - 2. Poletex: <http://www.poletex.com>
 - 3. Substitutions: See Section 01-6000

2.2 PERFORMANCE REQUIREMENTS

- A. Structural Performance: Flagpole assemblies, including anchorages and supports, shall withstand design loads indicated within limits and under conditions indicated.
 - 1. Wind Loads: Determine according to NAAMM FP 1001. Basic wind speed for Project location is 120 mph.

2.3 ALUMINUM FLAGPOLES

- A. Aluminum Flagpoles: Cone-tapered flagpoles fabricated from seamless extruded tubing complying with ASTM B 241/B 241M, Alloy 6063, with a minimum wall thickness of 3/16 inch (4.8 mm).

- B. Exposed Height: 30 feet (9 m) and 35 feet (11 m) as listed below.
- C. Metal Foundation Tube: Manufacturer's standard corrugated-steel foundation tube, 0.060-inch (1.52-mm) wall thickness with 3/16-inch (4.8-mm) steel bottom plate and support plate; 3/4-inch (19-mm-) diameter, steel ground spike; and steel centering wedges welded together. Galvanize foundation tube after assembly. Furnish loose hardwood wedges at top of foundation tube for plumbing pole.

2.4 FITTINGS

- A. Finial Ball: Flush-seam ball, sized as indicated or, if not indicated, to match flagpole-butt diameter.
 - 1. 0.063-inch (1.6-mm) spun aluminum, Finished to match flag pole.
- B. Internal Halyard, Winch System: Manually operated winch with control stop device and removable handle, stainless-steel cable halyard, and concealed revolving truck assembly with plastic-coated counterweight and sling. Furnish flush access door secured with cylinder lock. Finish truck assembly to match flagpole. USE EXTERIOR IF POLES ARE LIT.
 - 1. Halyard Flag Snaps: Chromium-plated bronze swivel snap hooks with neoprene or vinyl covers. Furnish two per halyard.
 - 2. Confirm with manufacturer no operational conflicts with light fixture if pole mounted light fixture is specified. If a conflict exists in the situation, then an exterior halyard may be proposed.

2.5 MISCELLANEOUS MATERIALS

- A. Drainage Material: Crushed stone, or crushed or uncrushed gravel; coarse aggregate.
- B. Sand: ASTM C 33/C 33M, fine aggregate.
- C. Elastomeric Joint Sealant: Multicomponent nonsag urethane or Single-component nonsag urethane joint sealant complying with requirements in Section 07 9200 "Joint Sealants."
- D. Bituminous Paint: Cold-applied asphalt emulsion complying with ASTM D 1187/D 1187M.
- E. American Flag: One 6' x 10' American flag for each 35' tall pole.

2.6 ALUMINUM FINISHES

- A. Clear Anodic Finish: AAMA 611.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Prepare uncoated metal flagpoles that are set in foundation tubes by painting below-grade portions with a heavy coat of bituminous paint.

- B. Foundation Excavation: Excavate to neat clean lines in undisturbed soil. Remove loose soil and foreign matter from excavation and moisten earth before placing concrete. Place and compact drainage material at excavation bottom.
- C. Foundation Tube: Place foundation tube, center, and brace to prevent displacement during concreting. Place concrete. Plumb and level foundation tube and allow concrete to cure.
- D. Sleeves: Locate and secure sleeves in forms by bracing to reinforcement and forms.
- E. Place concrete, as specified in Section 033000 "Cast-in-Place Concrete." Compact concrete in place by using vibrators. Moist-cure exposed concrete for no fewer than seven days or use nonstaining curing compound.
- F. Trowel exposed concrete surfaces to a smooth, dense finish, free of trowel marks, and uniform in texture and appearance. Provide positive slope for water runoff to perimeter of concrete base.

3.2 FLAGPOLE INSTALLATION

- A. General: Install flagpoles where indicated and according to Shop Drawings and manufacturer's written instructions.
- B. Foundation Tube: Place flagpole in tube, seated on bottom plate between steel centering wedges, and install hardwood wedges to secure flagpole in place. Place and compact sand in foundation tube and remove hardwood wedges. Seal top of foundation tube with a 2-inch (50-mm) layer of elastomeric joint sealant and cover with flashing collar.

END OF SECTION

PART 1 - GENERAL

1.1 Summary:

Deliver and install fixed padded and upholstered chairs as specified, [floor] [riser] [floor and riser] mounted, with self-lifting seat that rises to a uniform 3/4-safety fold position.

1.2 Submittals:

- A. Product data for each chair model specified to include construction details, material descriptions and finish options
- B. LEED:
 - 1. Product data for MR Credit 4 documenting recycled content.
- C. Seating layout (shop drawings) developed from the contract drawings that show aisle widths, chair spacing for each row, row-lettering and chair-numbering scheme, chair dimensions and back pitch. Layout drawings to also include locations for accessories, including left- and right-hand tablet arms, electrical devices, accessibility provisions and attachments to other work.
- D. Samples for verification & finish selection to include:
 - 1. Initial finish selections are to be made from the manufacturer's standard color and fabric guides.
 - 2. Final powder coat selection to be approved from manufacturer's standard-sized samples not less than 1" x 3".
 - 3. Final laminate selection to be approved from manufacturer's standard-sized samples not less than 2" x 2".
 - 4. Final plastic color selection to be approved from manufacturer's standard-sized samples not less than 2" x 3".
 - 5. Final wood finish selection to be approved from manufacturer's standard-sized samples not less than 4" x 3".
 - 6. Final upholstery fabric selection to be approved from fabric mills standard swatch size if available. [Final upholstery fabric approval to be made from pattern specific guide in lieu of swatch.]
- E. Maintenance instructions and inspection guidelines furnished for each chair model specified.
- F. Manufacturers standard warranty.

1.3 Quality Assurance:

- A. Source Limitations:
 - 1. Obtain each type of fixed seating required, including accessories and mounting components, from a single manufacturer.

2. Obtain fabric of a single dye lot for each color and pattern of fabric required except when yardage requirement exceeds maximum dye lot. Multiple dye lots shall be color matched for quality assurance.
 3. Major chair components (backs, seats, standards, armrests) must contain no less than 80% U.S. manufactured content with final assembly of components performed in the United States.
- B. Fire Performance Characteristics of Upholstered Seating:
1. Fabric shall be Class 1 according to DOC CS 191 and 16 CFR 1610.61, tested according to California Technical Bulletin 117.
 2. Padding shall comply with California Technical Bulletin 117.
- C. Build sample chairs for each model required to demonstrate aesthetic effects and set quality standards for fabrication.

1.4 Project Conditions:

- A. Environmental Limitations:
Do not deliver or install seating until spaces are enclosed and weather tight, wet work in spaces is complete and dry, work above ceilings is complete, and temporary or permanent HVAC system is operating and maintaining ambient temperature and humidity at occupancy levels during the remainder of the construction period.
- B. Field Measurements:
Take field measurements to verify or supplement dimensions indicated on contract drawings prior to manufacturing.

1.5 Project Coordination:

- A. Do not deliver or install seating until space is free of lifts and/or scaffolding used by other trades which may interfere with installation and/or damage seating.
- B. Coordinate layout and installation of electrical wiring and devices with electrical contractor to ensure that floor junction boxes for electrical devices are accurately located for final connection to the building's power supply by the electrical contractor.
- C. Coordinate layout and installation of seating with HVAC contractor to ensure that vents are located in a manner that will not interfere with seating installation.
- D. Coordinate concrete [other substrate] requirements needed for proper installation.

1.6 Warranty:

- A. Provide a manufacturer's warranty covering the material and workmanship for the specified warranty period from date of final acceptance.
- B. Warranty Periods:
1. Structural Components: five years.
 2. Operating Mechanisms: five years.

3. Plastic, Wood and Painted Components: five years.
4. Upholstery Fabric: one year.
5. Electrical Components: one year.

Part 2: Products

2.1 Materials and Finishes:

- A. Steel shall meet requirements for ASTM A 36/A 36M plates, shapes, and bars; ASTM A 513 mechanical tubing; ASTM A 1008/A 1008M cold-rolled sheet; and ASTM A 1011 hot-rolled sheet and strip.
- B. All exposed metal parts shall be powder coated with a hybrid thermosetting powder coat finish. The powder coat finish shall be applied by electrostatic means to a thickness of 2 - 5 mils, and shall provide a durable coating having a 2H Pencil hardness. Prior to powder coating, metal parts shall be treated with a three-stage non-acidic, bonderizing process for superior finish adhesion, and after coating shall be oven baked to cause proper flow of the epoxy powder to result in a smooth, durable finish. Manufacturer's standard color range shall be used.
- C. Concealed plywood shall meet requirements for HPVA HP-1 hardwood plywood. Made with an adhesive containing no urea formaldehyde.
- D. Hardwood lumber and veneer faces shall be [red oak] [maple] selected to be free of visible defects. Exposed wood shall be sanded smooth and stained to color selected with low-VOC water-based stain and top coat to provide with a high quality finish. Color to [be chosen from manufacturer's standard offering] [match sample provided by architect] [insert specific color].
- E. Upholstery fabric shall be 100% PVC Acadia pattern by Bradford Industries. Fabric shall have a knitted polyester backing and a weight of 25 oz. per lineal yard. Fabric shall withstand 250,000 double rubs per ASTM D-4157. Pattern shall meet flammability resistance outlined in California Technical Bulletin 117; UFAC Class 1; NFPA 260 Class 1.
- F. Upholstery padding shall be molded or slab polyurethane foam.
- G. Molded Plastics:
 1. Structural components shall be mar and dent-resistant high-density glass-filled polypropylene with UV stabilizers.
 2. Decorative components shall be mar and dent resistant high-density polyethylene (HDPE) with UV stabilizers.
 3. Plastic components shall [be chosen from manufacturer's standard offering] [match sample provided by architect] [insert specific color].

2.2 Fixed Audience Seating:

- A. Permanent arrangement of fixed audience seating as shown on seating layout drawings.
 1. Approved manufacturers are subject to compliance with the requirements outlined herein.

2. Basis-of-design for fixed audience seating is Irwin Seating Company model 51.12.00.4 Marquee.

Floor Mount Standards

- B. Chair support columns shall be a formed 14-gauge (.0747") steel tube with an integral back wing plate. Column shall exhibit a 10° rearward incline to help conceal back attachment hardware. Brackets for seat attachment shall be 7-gauge (.1875") steel for superior strength, formed with an integral support buttress. Floor attachment foot shall be formed from 12-gauge (.105) steel to 7-1/2" x 2-5/8" in size. All steel components shall be robotic welded for precise assembly and exceptional integrity. Foot-to-column welds are to be concealed on the inside of the foot for a clean appearance. The standard shall be fabricated to be compatible with the floor incline, and to maintain proper seat and back height and angle.
- C. Aisle end standard shall be open in design with a decorative full height, 2-7/8" wide 16-gauge (.0598") steel panel attached to the standard with concealed hardware for an outward surface devoid of all fasteners. The seat landing bracket shall be concealed with a decorative glass-filled polypropylene cover attached with concealed hardware. A cast iron plate formed with a recess shall be secured to the standard to house a 5-1/4" screen-printed logo disk that is attached to the plate with an adhesive backing.
- D. Chair back components shall be padded and upholstered on the face with an injection molded plastic rear "designer" panel. Backs shall feature a tufted cover and an ergonomic, compound curved structure. Assembled chairs shall have a nominal back height of 36". The back assembly shall be certified through routine ISO testing to withstand a 250 lb. static load test applied approximately 16" above the seat assembly and a 100,000 cycle 40 lb. swing impact test.
 1. The upholstery panels shall be 7/16" 5-ply hardwood plywood formed with compound curves for proper body support. Panels are to be padded with 2" thick polyurethane foam and covered with a two-piece tufted cover. Wings used for the attachment of the complete back assembly to the standards shall be not less than 14-gauge (.0747") steel. Wings shall be firmly secured to the inner panel through the use of threaded t-nuts fastened to the inner panel.
 2. The rear back panel shall be injection molded, high impact resistant, textured, polyethylene, formed to enclose the edges of the inner upholstery panel at the top and both sides of the back; and shall be not less than 29" in length, extending below the seat level to protect the seat cushion from the rear. There shall be no exposed fasteners above the armrests. The molded plastic rear panel shall be contoured to conform to the shape of the inner plywood panel.
 3. Backs shall be embroidered with the specified logo with up to three thread colors. The logo will be centered on the back just above the tufting and be a maximum height of 4".
- E. Seats shall be padded and upholstered on their top surface with a structural, injection-molded polypropylene seat foundation. Seats shall self-rise to a uniform position when unoccupied. The mechanism shall be certified through routine ISO testing to exceed 300,000 cycles during ASTM Designation F851-87 Test Method for Self-Rising Seat Mechanism. In addition, the seat shall withstand as a 600 lb. static load test applied approximately 3" from the front edge of the seat assembly and a 50,000 cycle 125 lb. vertical drop impact test.

1. Seat foundation shall be engineered glass-filled, injection-molded polypropylene, strengthened by deep internal ribs and gussets, completely enclosing the self-rising hinge mechanism. The bottom surface of the foundation shall be textured and feature an attractive molded recess. Bolted attachment of the seat assembly to the chair standard shall be concealed by a color-coordinated plastic cap to present a finished, refined appearance.
 2. When unoccupied, the seat shall rise automatically to a 3/4 safety fold position, and upon a slight rearward pressure, shall achieve full-fold, allowing the patron additional passing room. The seat shall rotate on two, molded, structural, glass-filled nylon hinge rods in internally molded channels with integral down-stops for exceptional strength. Seat-lift shall be accomplished by compression springs and self-lubricating plastic cams.
 3. The base structure for the cushion assembly shall be an ergonomic contoured, rigid thermoplastic resin panel covered with a 3" thick molded polyurethane foam pad. Cushion assembly is upholstered with a carefully tailored fabric cover secured around the perimeter of the polypropylene panel by means of a drawstring and staples and securely locked to the seat foundation, preventing unauthorized removal; but facilitating convenient access by trained maintenance personnel.
- F. Chair width [shall vary to accommodate sightlines and row lengths]. Shall be 22" from center to center of armrests.
- G. Back height and pitch shall be fixed as shown on seating layout drawings.
- H. Center and open aisle standards shall be provided with a glass-filled polypropylene armrest support structure capable of surpassing a 200 lb. vertical static load test applied 3" from the front edge of the armrest. Armrest support shall be attached to the support column with an integral ribbed post that binds into the steel support column and locked in place with a concealed security screw. Support structure is capped with a low profile polypropylene armrest attached with concealed hardware.
- I. Row-lettering and chair-numbering shall be provided for identification of all chairs as shown on approved seating layout drawings. Number plates shall be 5/8" x 1-5/8" aluminum with a [bronze] [clear] finish and black sans serif numerals. [The seat pans shall be recessed at the center of the front edge] [The armrests shall be recessed toward the front edge] for the number plates, and attached by two (2) [pop rivets] [escutcheon pins]. Letter plates shall be [5/8" x 1-5/8"] [2" round] with a [bronze] [clear] finish and black sans serif numerals attached in recess of aisle standard [armrest] [decorator panel] by two (2) [escutcheon pins] [pop rivets]. Attaching hardware shall have a finish compatible to plates.

4C Cupholder Attachment

- M. Cupholders shall be glass-filled polypropylene attached to the front of the armrest support structure. Cupholder opening shall be 3-1/2", with a bottom restriction to accommodate a variety of container sizes. Cupholders shall be certified through routine testing to withstand a 200 lb. vertical static load applied to the top of the cupholder.
- N. Accessible Seating:
1. Shall be designated on the seating layout drawings and designed to allow an individual to transfer from a wheelchair to the theatre chair. The aisle standard shall be equipped with an armrest capable of lifting to a position parallel with the

support column, opening sideways access to the seat. Aisle standards so equipped shall be provided with a label, displaying an easily recognizable "handicapped" symbol. Decorative requirements of aisle standards are waived for the handicapped access standards.

2. Chairs located as shown in the contract drawings shall be mounted upon moveable steel bases. The steel bases shall be available for sections of one (1), two (2), or three (3) chairs. The bases shall be fabricated from 3/16" x 3-1/2" x 15-1/2" steel, with cross members securely fastened to the horizontal base members via Tec screws. Holes shall be provided for the attachment of the chair standards. Moveable bases are secured to the floor when the seating is in use with reverse anchors.
- O. Furnish extra materials from the same production run that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
1. Furnish complete seat and back assemblies equal to [Insert number or percentage] of amount installed for each type and size of the chair seat and back.
 2. Furnish seat and back fabric covers equal to [Insert number or percentage] of amount installed for each type and size of the cushion.
 3. Furnish armrests equal to [Insert number or percentage] of the amount installed for each type of armrest.
 4. [insert additional spares]

2.3 Fabrication:

- A. Manufacture fabric-covered cushions with molded padding beneath fabric and with fabric covering free of welts, creases, stretch lines, and wrinkles. For each upholstered component, install pile and pattern run in a consistent direction.
- B. Fabricate floor attachment plates to conform to floor slope, if any, so that standards are plumb and chairs are maintained at the same angular relationship to vertical throughout the project.
- C. Fabricate riser attachment plates to conform to riser heights so that standards are plumb and chairs are maintained at same angular relationship to vertical throughout project.]

Part 3: Execution

3.1 Examination

- A. Prior to layout and installation examine floors, risers, and other adjacent work and conditions, with Installer present, for compliance with requirements and other conditions affecting performance of the work including, but not limited to, plumb of riser faces and concrete conditions.
- B. Examine locations of electrical connections.
- C. Examine locations of HVAC supply ducts.

- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 Installation

- A. Install seating in locations indicated and fastened securely to substrates according to manufacturer's written installation instructions.
- B. Use installation methods and fasteners that produce fixed audience seating assemblies with individual chairs capable of supporting an evenly distributed 600-lb static load applied 3" from front edge of the seat without failure or other conditions that might impair the chair's usefulness.
- C. Install seating with chair end standards aligned from first to last row and with backs and seats varied in width and spacing to optimize sightlines.
- D. Install riser-mounted attachments to maintain uniform chair heights above floor.
- E. Install chairs in curved rows at a smooth radius.
- F. Install seating so moving components operate smoothly and quietly.
- G. Install wiring conductors and cables concealed in components of seating and accessible for servicing.

3.3 Field Quality Control

- A. Perform tests and inspections.
- B. Prepare test and inspection reports.

3.4 ADJUSTING

- A. Adjust chair backs so that they are properly aligned with each other.
- B. Adjust self-rising seat mechanisms so seats in each row are aligned when in upright position.
- C. Verify that all components and devices are operating properly.
- D. Repair minor abrasions and imperfections in finishes with coating that matches factory-applied finish.
- E. Replace upholstery fabric damaged during installation.

END OF SECTION 12 7150

Form F3 - Building Code Analysis. Includes project description, building code analysis table, and existing building code information [SBCBC].

Form F3 - Building Code Analysis. Includes existing building code information [SBCBC] and summary of building design occupant load.

Form F3 - Building Code Analysis. Includes existing building code information [SBCBC] and summary of building design occupant load.

Form F3 - Building Code Analysis. Includes existing building code information [SBCBC] and summary of building design occupant load.

Form F3 - Building Code Analysis. Includes allowable building area table and summary of building design occupant load.

Form F3 - Building Code Analysis. Includes allowable building area table and summary of building design occupant load.

Form F3 - Building Code Analysis. Includes building height table and general fire protection requirements.

Form F3 - Building Code Analysis. Includes fire resistance rating of building elements table.

Form F3 - Building Code Analysis. Includes fire resistance rating of building elements table.

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Form F3 - Building Code Analysis. Includes fire resistance rating of building elements table.

Project title: EMERALD HIGH SCHOOL ADDITIONS & RENOVATIONS - GREENWOOD SCHOOL DISTRICT #50. Includes architect logo (Jumper Carter Sease Architects), date (MAR 31, 2023), and sheet title (FORM F3).

BIM 360://2201016 - Emerald High Add & Renov - v20.v2t

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T103

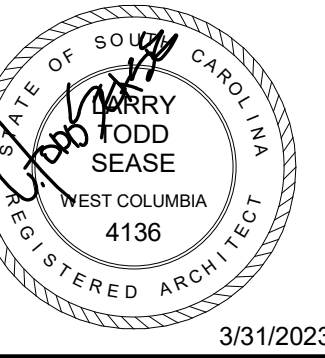
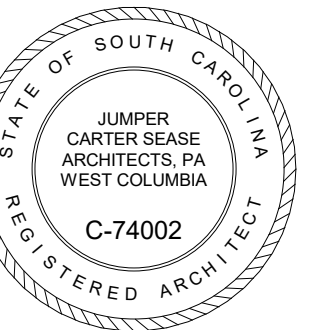
Jumper

Carter

Sease

ARCHITECTS

412 Meeting Street
West Columbia
South Carolina



EMERALD HIGH SCHOOL ADDITIONS
GREENWOOD SCHOOL DISTRICT 50
150 BYPASS 225, GREENWOOD, SC 29646

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| No | Description | Date |
|----|-------------|------------|
| 1 | ADDENDUM #1 | 04/16/2023 |

DRAWN BY: **BK**

CHECKED BY: **TS**

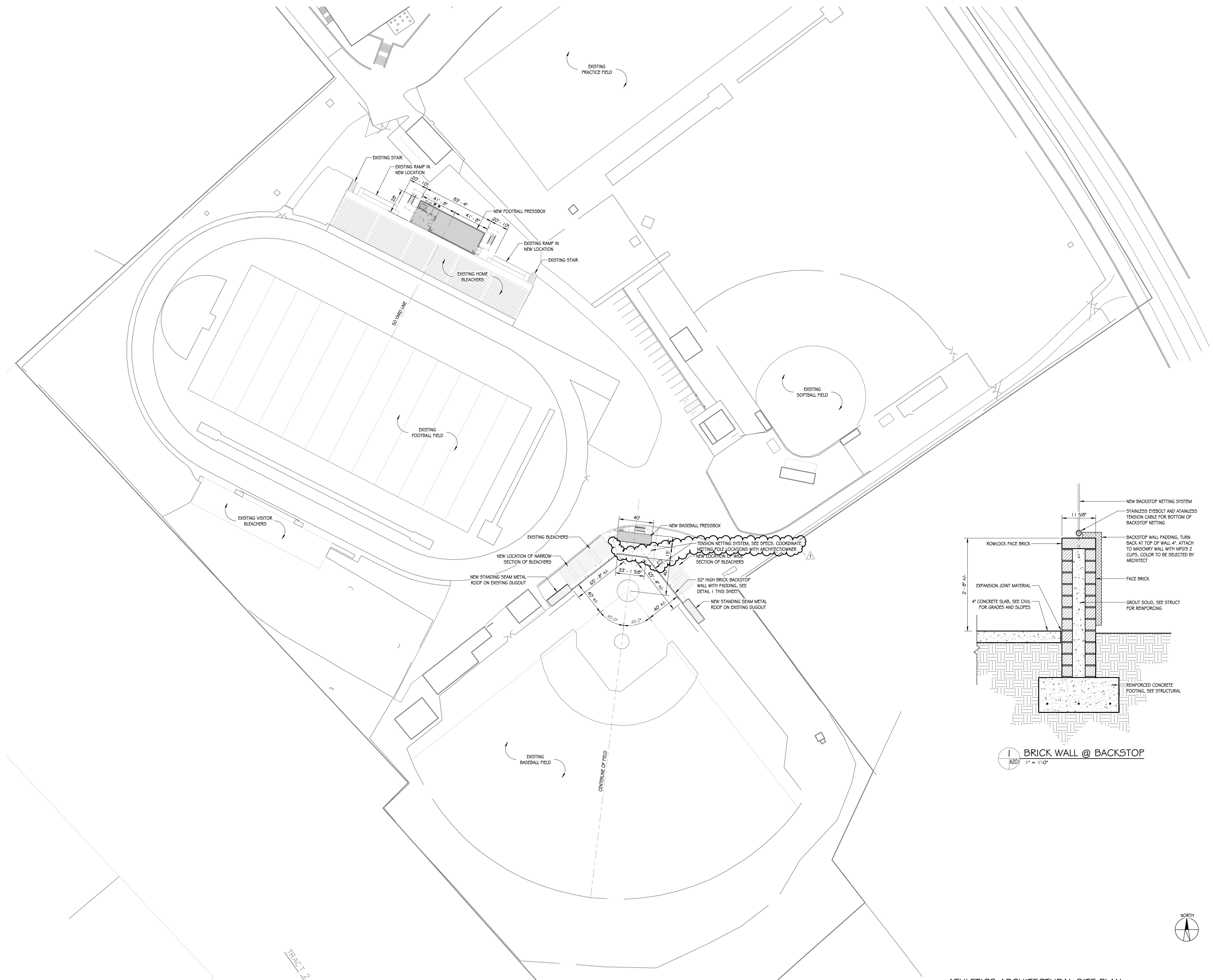
COMM NO: **22016**

DATE: **MAR 31, 2023**

SHEET TITLE:
**ATHLETICS
ARCHITECTURAL
SITE PLAN**

SHEET NO:

A201



ATHLETICS ARCHITECTURAL SITE PLAN
1" = 40'-0"



TRACT 2

BIM 360/22016 - Emerald High Add & Renov - v20.rvt
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| WALL LEGEND | |
|-------------|---|
| | EXISTING WALL |
| | 8" CMU |
| | 1" - 4" EXTERIOR MASONRY WALL - 8" CMU AND FACE BRICK - SEE ELEVATIONS. |

- GENERAL NOTES**
- AT ALL EXTERIOR WALL OPENINGS FOR EXTERIOR WINDOWS: PROVIDE 90 DEGREE CORNER JAMB BLOCK AT THESE WINDOWS IN LIEU OF THE BULL-NOSED CORNER BLOCK. THIS WILL ALLOW FOR A CLEAN FINISHED CONDITION WITH THE SOLID SURFACE MATERIAL SILLS.
 - CONTRACTOR SHALL PERMANENTLY IDENTIFY WITH SIGNS OR STENCILING ABOVE CEILING ON BOTH SIDES OF ALL FIRE RATED WALLS AT 20'-0" MAXIMUM INTERVALS THE FOLLOWING: '1' HOUR RATED FIRE BARRIER - PROTECT ALL OPENINGS. (' DENOTES THE HOUR RATING - 1, 2, OR 3 HOUR WALLS AS SHOWN ON PLANS). NOTATION SHALL BE IN 3" SANS SERIF, GOTHIC OR BLOCK LETTERING. CONNECT WITH CONTINUOUS 2" WIDE RED LINE BETWEEN EACH SIGN OR STENCIL. CONFIRM WITH ARCHITECT AT EXPOSED FIRE RATED WALLS, SIGNS (SIMILAR TO ROOM SIGNS) MAY BE USED AT NO ADDITIONAL COST TO THE OWNER.
 - ALL OPENINGS IN MASONRY WALLS FOR HVAC ARE TO BE COORDINATED WITH STRUCTURAL LINTEL SCHEDULE FOR SIZE OF THE OPENING REQUIRED. REFER TO STRUCTURAL GENERAL NOTES.
 - C.J. = CONSTRUCTION JOINT AT CMU. SEE TYPICAL DETAILS. SPACE 40'-0" MAX. VERIFY LOCATIONS WITH ELEVATIONS OR ARCHITECT IF NOT SHOWN PRIOR TO INSTALLATION. REFER TO SHEET A501, FINISH SCHEDULE FOR WALLS TO RECEIVE FLURRING AND GWB FINISH.
 - DIMENSIONS - MASONRY WALLS ARE DIMENSIONED TO ONE SIDE (MASONRY DIMENSIONS SHOWN ON PLANS ARE NOMINAL). GWS/METAL FRAMED WALLS ARE DIMENSIONED TO THE CENTER.
 - SEE AGOO SHEET SERIES FOR TYPICAL CASEWORK AND ENLARGED AREA PLANS.
 - ALL CASEWORK NOT INDICATED AS 'N.I.C.' OR BY OWNER IS TO BE INCLUDED IN BUILDING & FINISHES SCOPE OF WORK. SEE AGOO SHEETS.
 - ALL MECHANICAL, PLUMBING, ELECTRICAL AND FIRE PROTECTION ROUGH-INS AT EXPOSED AREAS ARE TO BE REVIEWED WITH THE ARCHITECT PRIOR TO INSTALL. ALL CONDUITS AND PIPING MUST BE COORDINATED WITH OTHER TRADES AND CONCEALED. RELOCATION OF ROUGH-INS BY ANY TRADE AS DIRECTED BY THE ARCHITECT WILL BE AT NO COST TO OWNER WHEN CONTRACTOR FAILS TO COMPLY WITH THIS REQUIREMENT.
 - CONTRACTOR IS TO COORDINATE ROUTING OF CONDUIT AT EXTERIOR CANOPIES WITH ARCHITECT PRIOR TO ROUGH-IN & INSTALLATION. ALL EXPOSED MATERIALS ARE TO BE PAINTED AS DIRECTED BY ARCHITECT.
 - CONTRACTOR IS TO PROVIDE SOLID BLOCKING AS REQUIRED FOR ALL WALL MOUNTED ITEMS ON METAL FRAMED WALL SYSTEMS. BLOCKING IS TO BE OFF SET FLUSH WITH BACK OF DRYWALL AT RESILIENT CHANNELS. MINIMUM CLEARANCES ARE INDICATED, HOWEVER, CONTRACTOR IS RESPONSIBLE FOR COORDINATION & CONFIRMATION W/ ENGINEER DOCUMENTS.

**Jumper
Carter
Sease**

ARCHITECTS

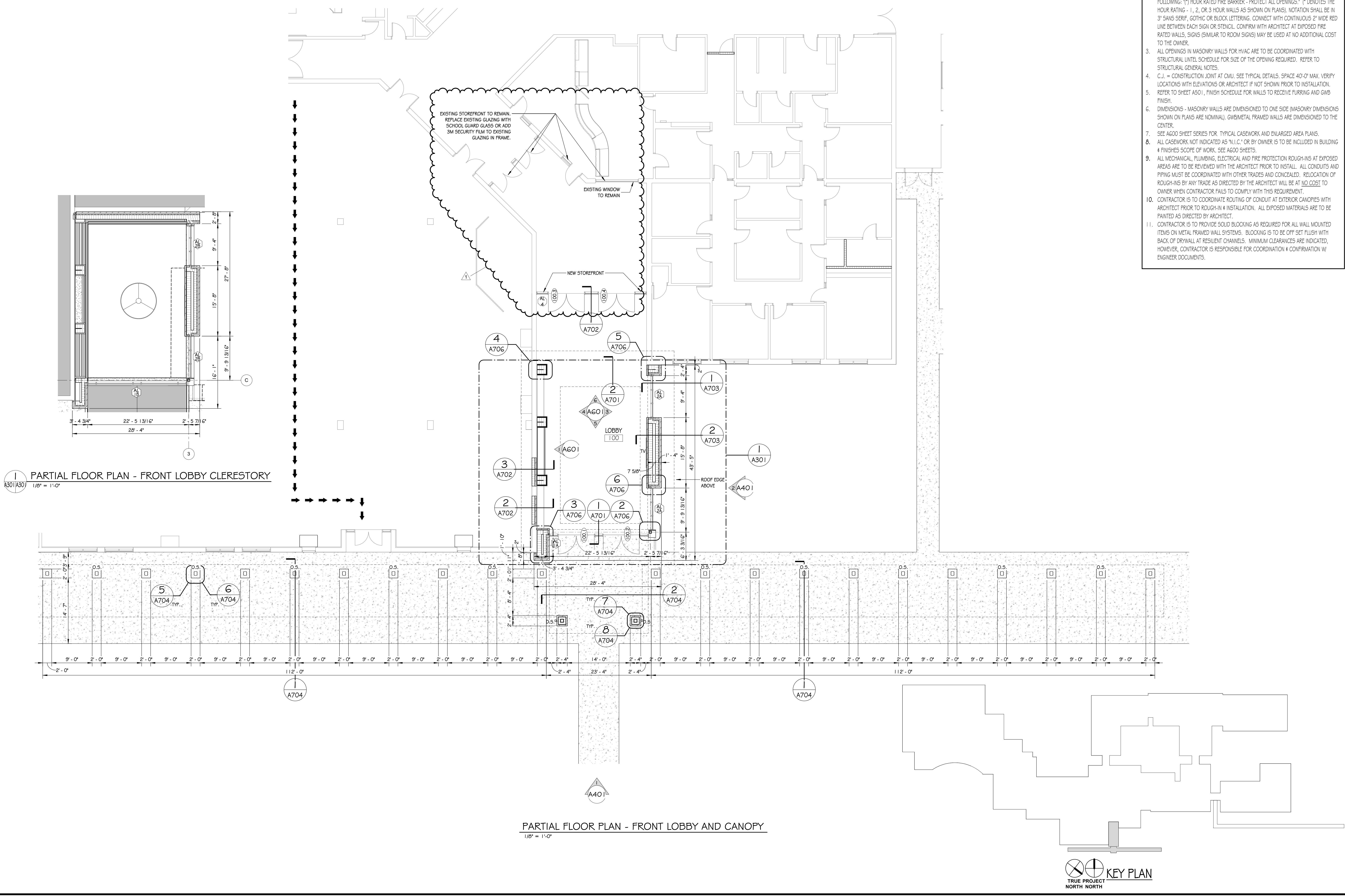
412 Meeting Street
West Columbia
South Carolina

3/31/2023

**EMERALD HIGH SCHOOL ADDITIONS
GREENWOOD SCHOOL DISTRICT #50
150 BYPASS 225, GREENWOOD, SC 29646**

| No | Description | Date |
|----|-------------|------------|
| 1 | ADDENDUM 01 | 2022-04-18 |

DRAWN BY: SL
 CHECKED BY: TS
 COMM NO: 22016
 DATE: MAR 31, 2023
 SHEET TITLE: PARTIAL FLOOR PLAN - FRONT LOBBY AND CANOPY
 SHEET NO: A301



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| FINISH SCHEDULE | | | | | | | | |
|-----------------|-----------|--------------|-----------|------------|------------|-----------|-----------|----------|
| ROOM # | ROOM NAME | FLOOR FINISH | BASE TYPE | WALL NORTH | WALL SOUTH | WALL EAST | WALL WEST | COMMENTS |
| 100 | LOBBY | PFT | RB | PNT | PNT | PNT | PNT | |

FINISH SCHEDULE ABBREVIATIONS

| | | | |
|-----|------------------------------|----------|------------------------|
| ACT | ACOUSTICAL CEILING TILE | RB | RUBBER BASE |
| AMP | ACOUSTICAL WALL PANEL | RFT | RUBBER FLOOR TILE |
| CMC | CONCRETE | RST | RUBBER STAIR TREAD |
| CPT | CARPET | RSK | RUBBER STAIR RISER |
| CT | CERAMIC FLOOR TILE | PWT | PORCELAIN WALL TILE |
| CTB | CERAMIC TILE BASE | SPT FLR | SPORTS FLOORING |
| CWT | CERAMIC WALL TILE | SS | STAINLESS STEEL |
| FRP | FIBERGLASS REINFORCED PANELS | SSM | SOLID SURFACE MATERIAL |
| PNT | PAINT | ST.STONE | STACKED STONE |
| PFT | PORCELAIN FLOOR TILE | T2 | TERRAZZO |
| PSC | POLISHED & STAINED CONCRETE | VCT | VINYL COMPOSITION TILE |
| PTB | PORCELAIN TILE BASE | VWC | VINYL WALL COVERING |
| PWT | PORCELAIN WALL TILE | WD FLR | WOOD FLOORING |

GENERAL FINISH NOTES APPLY TO ALL AREAS OR THOSE GENERAL FINISH NOTES: NOT SPECIFICALLY NOTED ON SCHEDULE.

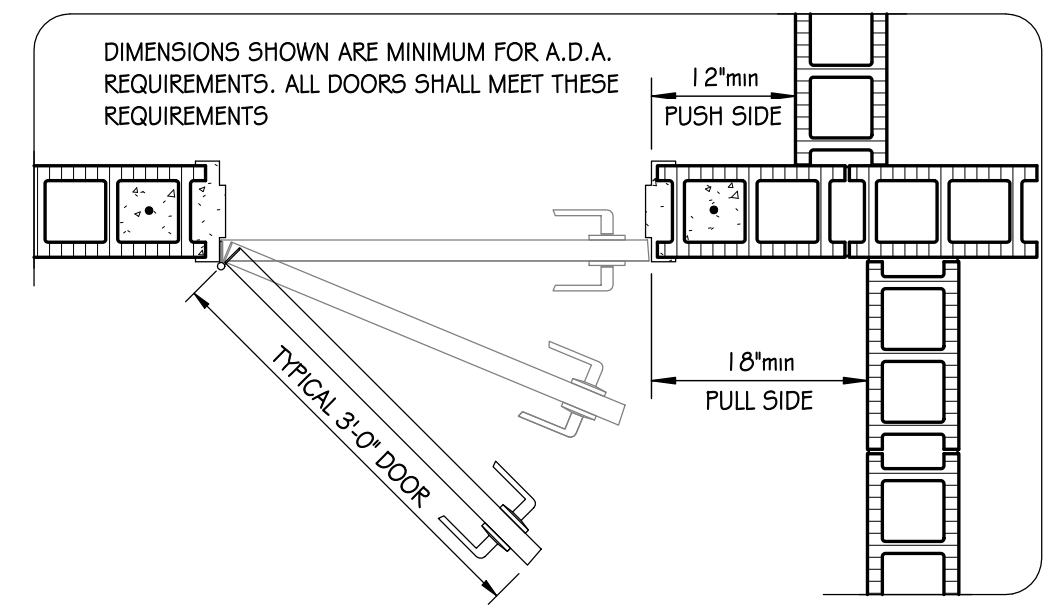
- G1. SEE REFLECTED CEILING PLANS FOR CEILING TYPES AND HEIGHTS.
- G2. ALL HOLLOW METAL FRAMES TO BE PAINTED. COLOR TO BE SELECTED BY ARCHITECT.
- G3. ALL TOILETS, JANITOR ROOMS, LOCKER ROOMS, CORRIDORS AND CAFETERIA TO HAVE EPOXY PAINT AS ELL AS KITCHEN AND DISH WASH AREA.
- G4. ALL GWB WALLS SHALL BE PAINTED WITH EGGSHELL FINISH LATEX.
- G5. RB BASE (USE 120 FT. ROLLS) IS TO BE SCORED AND WRAPPED AROUND OUTSIDE CORNERS. (DO NOT SCORE THROUGH BASE MATERIAL) MINIMUM LENGTH ON EITHER SIDE OF CORNER TO BE 24" LONG FOR POSITIVE ATTACHMENT TO WALL. (NO CUT TOES ON OUTSIDE CORNERS)
- G6. FLOOR FINISH PATTERN PLANS WITH PATTERN AND COLOR DISTRIBUTION NOTED ON "I" SHEETS. FINAL COLORS TO BE SELECTED DURING SHOP DRAWING SUBMITTAL.
- G7. CPT INDICATED ON SCHEDULE IS TO BE PROVIDED AND INSTALLED BY THE GENERAL CONTRACTOR. SEE SPECS W/ PATTERNS/ORDERS AS SHOWN ON "I" SHEETS. THE GENERAL CONTRACTOR IS TO PROVIDE AND INSTALL ALL FINISHES COMPLETE INCLUDING RB BASE, TRANSITION STRIPS, ETC. AT CPT AREAS AND ALL OTHER AREAS INCLUDED IN SCHEDULE. CONTRACTOR IS TO PROTECT CPT DURING CONSTRUCTION.
- G8. EDGES OF ALL FLOOR MATERIAL CHANGES, IE: CPT TO VCT, TO HAVE RB TRANSITION STRIPS UNLESS NOTED OTHERWISE OR APPROVED BY THE ARCHITECT. THIS INCLUDES DOOR THRESHOLDS WHERE FLOOR FINISHES CHANGE AND AT FINISH MATERIAL CHANGES IN OPEN AREAS. CPT TO HARD TILE SHOULD HAVE THIN LINE METAL TRANSITION STRIPS BY SCHLUTER AS DETERMINED AND SELECTED BY ARCHITECT.
- G9. ALL ADMINISTRATION AREAS WITH 1" OR MORE CMU WALLS SHALL BE FURRED OUT W/ 7/8" FURRING CHANNELS AND 5/8" GWB.
- G10. ACT-1 = STANDARD ACOUSTICAL TILE
ACT-2 = VINYL FACED OR MOISTURE RESISTANT TILE
ACT-3 = SOUND SENSITIVE ACOUSTICAL TILE
SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- G11. REFER TO DISPLAY CASE ELEVATIONS AND SECTIONS. FINISHES AND COLORS TO BE SELECTED AND DISTRIBUTED AS DETERMINED BY ARCHITECT.
- G12. GWB BULKHEADS/ADAPTTITS TO BE PAINTED (SIDES & BOTTOM) ACCENT COLORS AS SELECTED BY ARCHITECT.
- G13. PAINTED HANDRAILS TO BE COLOR: (COLOR TBD).
- G14. PORCELAIN TILE IS TO HAVE EPOXY GROUT. COLOR TO BE SELECTED BY ARCHITECT.
- G15. REFER TO INTERIOR ELEVATION DRAWINGS ON "A600" SERIES DRAWINGS & "A400" SERIES FOR SIZE, QUANTITY & LOCATION OF ACOUSTICAL WALL PANELS.

FINISH SCHEDULE NOTES

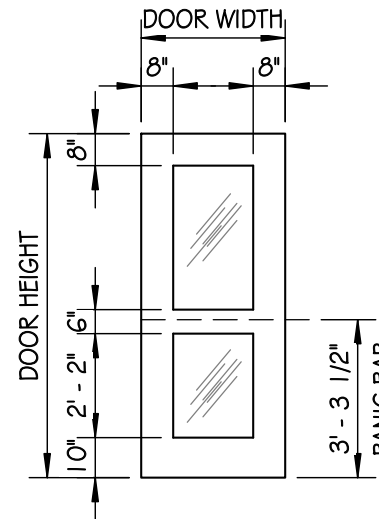
- REFER TO GENERAL FINISH NOTES FOR ADDITIONAL INFORMATION.
- F1. ACCENT PAINT WING WALLS & 50FFIT @ DOUBLE DOOR (COLOR TBD)
 - F2. PAINT STRUCTURE COLOR AS SELECTED BY ARCHITECT. PAINT MECHANICAL DUCT COLOR AS SELECTED BY ARCHITECT. PAINT EXPOSED STRUCTURAL DECK COLOR AS SELECTED BY ARCHITECT. ALL THREE COMPONENTS LISTED MAY BE DIFFERENT COLORS.
 - F3. WALLS & EXPOSED STRUCTURE IN STAGE, DINNER ROOM, AND PERFORMERS CORRIDOR TO BE PAINTED FLAT BLACK, COLOR SW-6990 CAVIAR, BY SHERWIN WILLIAMS.
 - F4. WALLS, INCLUDING JAMB AND HEAD OPENING AT CAFETERIA SERVING AREA AND COFFEE SHOP AREA ARE TO RECEIVE CERAMIC TILE. SEE INTERIOR ELEVATIONS AND SECTIONS FOR COLOR DISTRIBUTION (FINAL COLORS TO BE DETERMINED BY ARCHITECT).
 - F5. CWT AND CMB AT WATER COOLER ALCOVE.
 - F6. CARPET ON STAIR TREADS AND RISERS.
 - F7. RUBBER STAIR TREADS AND RISERS, RUBBER TILE FLOORING AT INTERMEDIATE LANDING, TERRAZZO FROM CORRIDOR DOOR TO FIRST STAIR TREAD. PAINT ALL EXPOSED STEEL MEMBERS.
 - F8. OPEN STAIRS TO HAVE TERRAZZO TREADS AND RISERS.
 - F9. OPEN STAIRS AT AUXILIARY GYM TO HAVE RUBBER TREADS AND RISERS.
 - F10. FT-2 SHALL BE INSTALLED IN FLOOR OF SHOWER AREA. FT-1 SHALL BE INSTALLED ON REMAINDER OF FLOOR IN THIS SPACE.

DOOR SCHEDULE

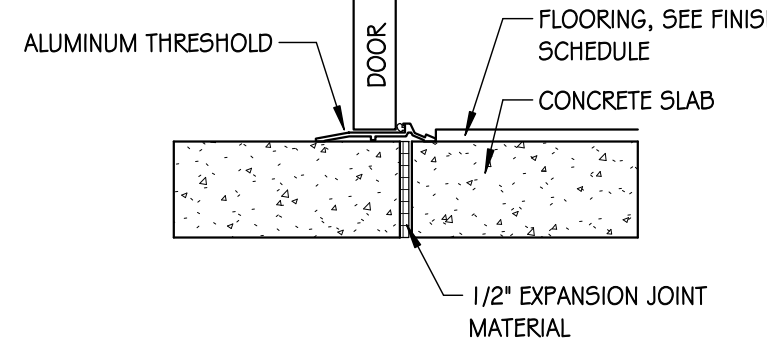
| DOOR # | DOOR TYPE | DOOR WIDTH | DOOR HEIGHT | DOOR MATERIAL | DOOR FINISH | GLASS SIZE | GLASS TYPE | FRAME TYPE | FRAME MATERIAL | FRAME FINISH | HEAD | JAMB | SILL | RATING | REMARKS |
|--------|-----------|------------|-------------|---------------|-------------|------------|------------|------------|----------------|--------------|--------|-----------------|------|--------|---------|
| 100.1 | A | PR 3'-0" | 7'-10" | ALUM | PREFINISHED | SEE ELEV | SECURITY | AL 1A | ALUM | PREFINISHED | 1/A701 | 2/A706 & 3/A706 | S-1 | | |
| 100.2 | A | PR 3'-0" | 7'-10" | ALUM | PREFINISHED | SEE ELEV | SECURITY | AL 1A | ALUM | PREFINISHED | 1/A701 | 2/A706 & 3/A706 | S-1 | | |
| 100.3 | A | PR 3'-0" | 7'-10" | ALUM | PREFINISHED | SEE ELEV | SECURITY | AL 4 | ALUM | PREFINISHED | 1/A702 | -- | S-2 | | |
| 100.4 | A | PR 3'-0" | 7'-10" | ALUM | PREFINISHED | SEE ELEV | SECURITY | AL 4 | ALUM | PREFINISHED | 1/A702 | -- | S-2 | | |



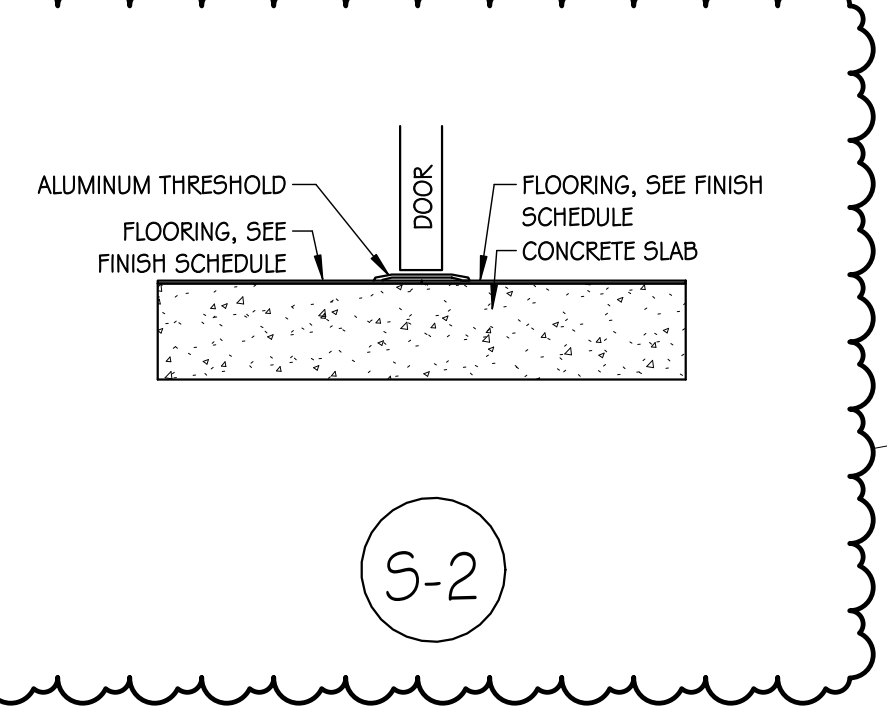
TYP. DOOR CLEARANCE
3/4" = 1'-0"



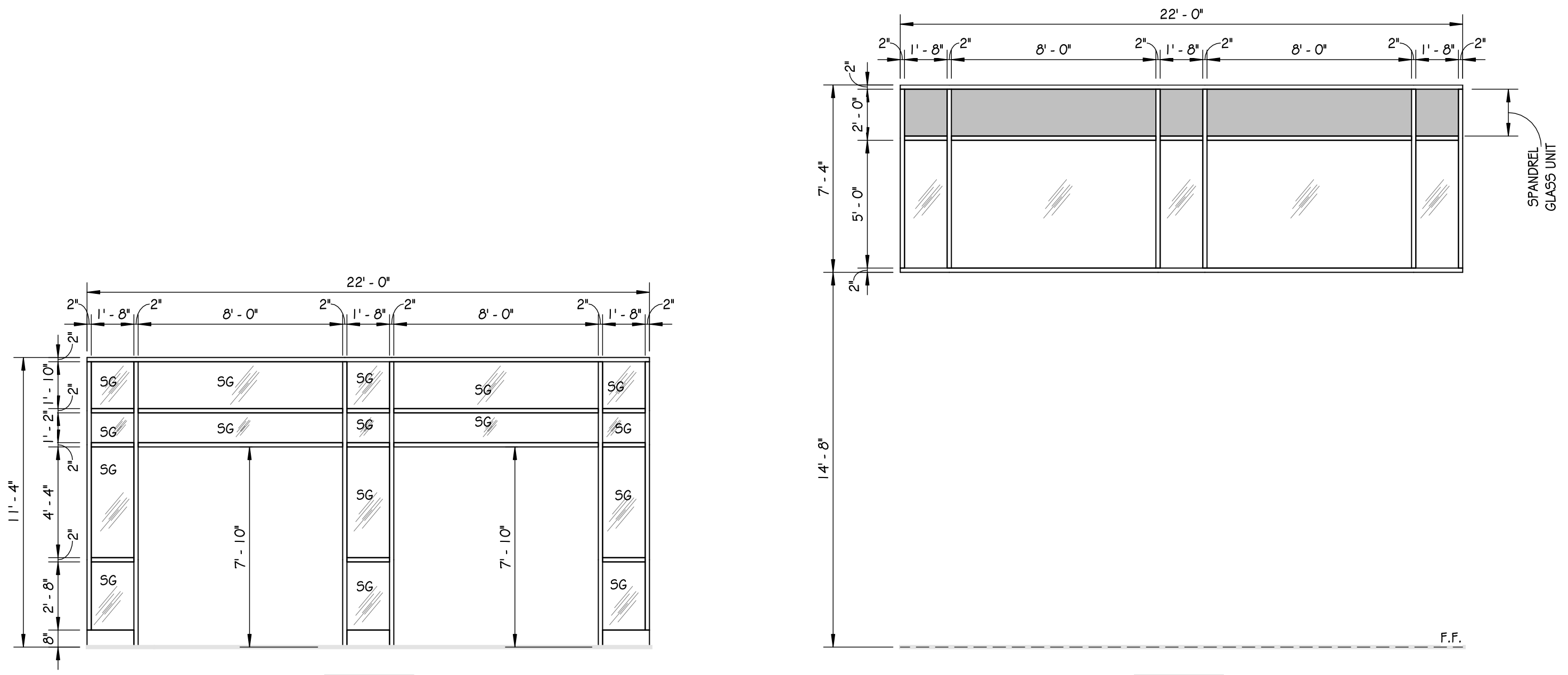
DOOR TYPES
1/4" = 1'-0"



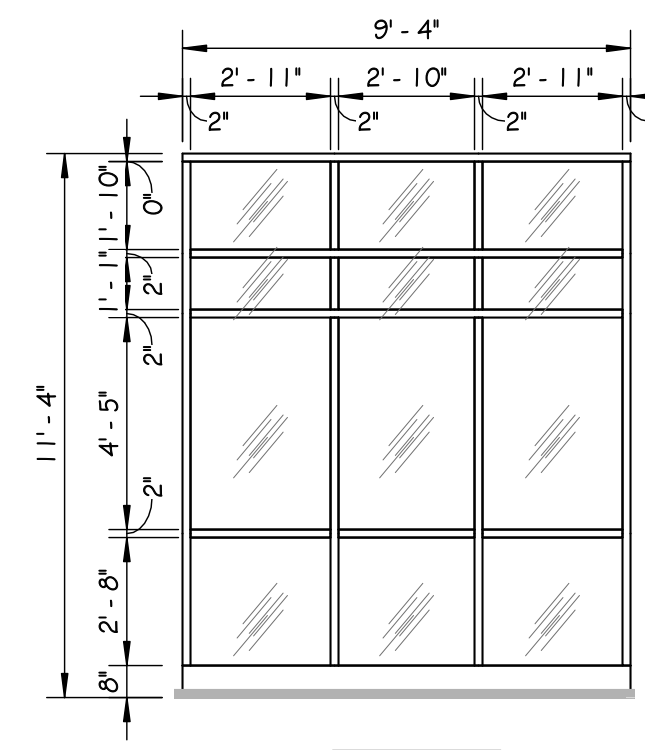
S-1
SILL DETAILS
1 1/2" = 1'-0"



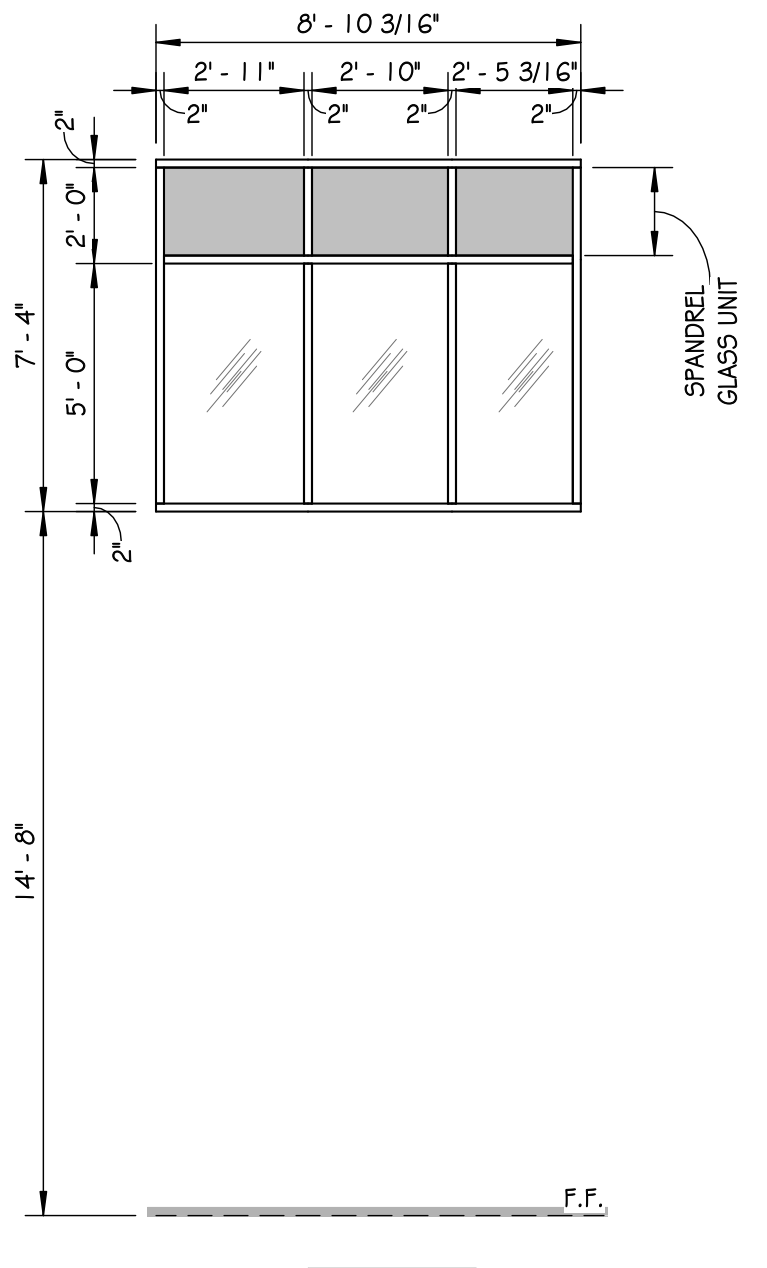
S-2



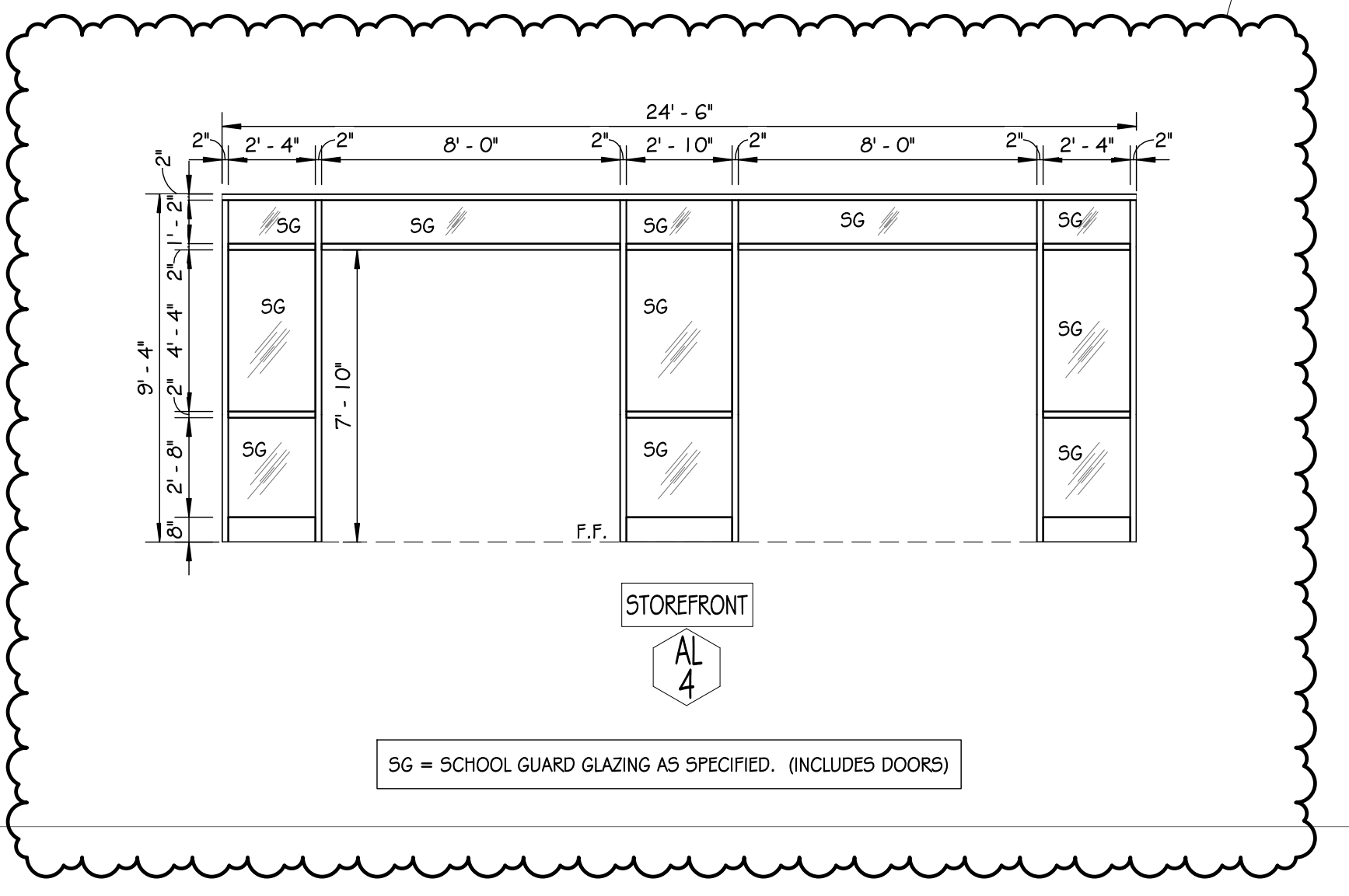
AL 1A
STOREFRONT



AL 2A
STOREFRONT



AL 2B
STOREFRONT



AL 4
STOREFRONT

SG = SCHOOL GUARD GLAZING AS SPECIFIED. (INCLUDES DOORS)

ALUMINUM FRAME ELEVATIONS

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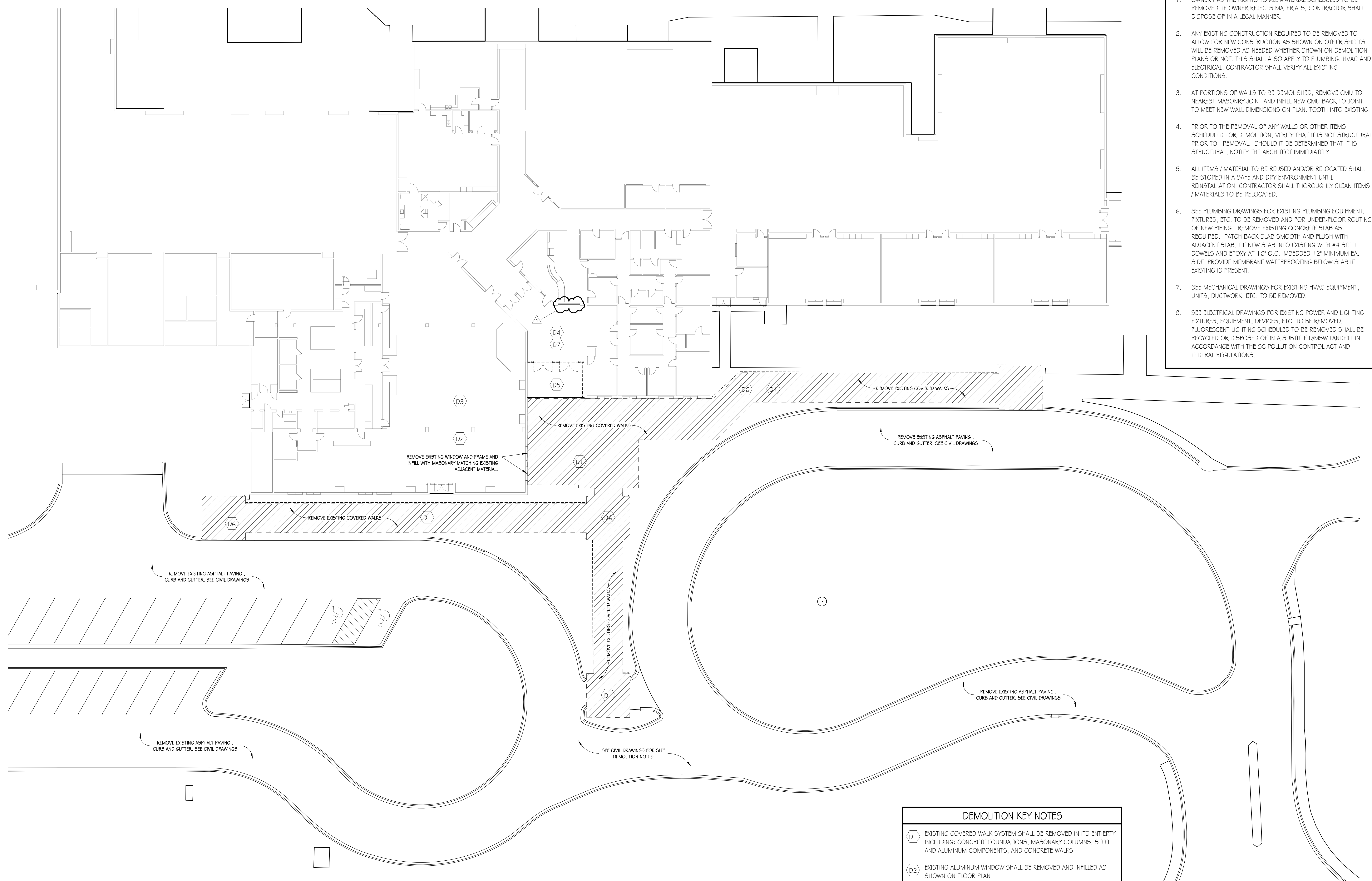
EMERALD HIGH SCHOOL ADDITIONS
GREENWOOD SCHOOL DISTRICT #50
150 BYPASS 225, GREENWOOD, SC 29646

| No | Description | Date |
|----|-------------|------------|
| 1 | ADDENDUM 01 | 2022-04-18 |

DRAWN BY: **SL**
CHECKED BY: **TS**
COMM NO: **22016**
DATE: **MAR 31, 2023**
SHEET TITLE: **FINISH & DOOR SCHEDULES, DOOR TYPES, FRAME TYPES, AND WINDOW TYPES AND DETAILS**

SHEET NO: **A501**

BIM 360/22016 - GSD#450 - Emerald High Add & Renov/22016 - GSD#450 - Emerald High Add & Renov - v20.rvt
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DEMOLITION PLAN
 1/16" = 1'-0"

| DEMOLITION KEY NOTES | |
|----------------------|--|
| D1 | EXISTING COVERED WALK SYSTEM SHALL BE REMOVED IN ITS ENTIERTY INCLUDING: CONCRETE FOUNDATIONS, MASONARY COLUMNS, STEEL AND ALUMINUM COMPONENTS, AND CONCRETE WALKS |
| D2 | EXISTING ALLUMINUM WINDOW SHALL BE REMOVED AND INFILLED AS SHOWN ON FLOOR PLAN |
| D3 | EXISTING MECHANICAL UNITS SHALL BE REMOVED, EXISTING WALL OPENING TO BE INFILLED WITH MASONARY. REMOVE ABANDONED ELECTRICAL. |
| D4 | REMOVE EXISTING FLOOR FINISH |
| D5 | REMOVE EXISTING CEILING AND LIGHTING SYSTEMS |
| D6 | REMOVE ABANDONED ELECTRICAL AND LIGHTING SYSTEMS |
| D7 | REMOVE EXISTING ALUMINUM STOREFRONT DOOR AND SIDE LITE SYSTEMS |

| GENERAL DEMOLITION NOTES | |
|--------------------------|--|
| 1. | OWNER HAS THE RIGHTS TO ALL MATERIAL SCHEDULED TO BE REMOVED. IF OWNER REJECTS MATERIALS, CONTRACTOR SHALL DISPOSE OF IN A LEGAL MANNER. |
| 2. | ANY EXISTING CONSTRUCTION REQUIRED TO BE REMOVED TO ALLOW FOR NEW CONSTRUCTION AS SHOWN ON OTHER SHEETS WILL BE REMOVED AS NEEDED WHETHER SHOWN ON DEMOLITION PLANS OR NOT. THIS SHALL ALSO APPLY TO PLUMBING, HVAC AND ELECTRICAL. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS. |
| 3. | AT PORTIONS OF WALLS TO BE DEMOLISHED, REMOVE CMU TO NEAREST MASONRY JOINT AND INFILL NEW CMU BACK TO JOINT TO MEET NEW WALL DIMENSIONS ON PLAN. TOOTH INTO EXISTING. |
| 4. | PRIOR TO THE REMOVAL OF ANY WALLS OR OTHER ITEMS SCHEDULED FOR DEMOLITION, VERIFY THAT IT IS NOT STRUCTURAL PRIOR TO REMOVAL. SHOULD IT BE DETERMINED THAT IT IS STRUCTURAL, NOTIFY THE ARCHITECT IMMEDIATELY. |
| 5. | ALL ITEMS / MATERIAL TO BE REUSED AND/OR RELOCATED SHALL BE STORED IN A SAFE AND DRY ENVIRONMENT UNTIL REINSTALLATION. CONTRACTOR SHALL THOROUGHLY CLEAN ITEMS / MATERIALS TO BE RELOCATED. |
| 6. | SEE PLUMBING DRAWINGS FOR EXISTING PLUMBING EQUIPMENT, FIXTURES, ETC. TO BE REMOVED AND FOR UNDER-FLOOR ROUTING OF NEW PIPING - REMOVE EXISTING CONCRETE SLAB AS REQUIRED. PATCH BACK SLAB SMOOTH AND FLUSH WITH ADJACENT SLAB. TIE NEW SLAB INTO EXISTING WITH #4 STEEL DOWELS AND EPOXY AT 16" O.C. IMBEDDED 12" MINIMUM EA. SIDE. PROVIDE MEMBRANE WATERPROOFING BELOW SLAB IF EXISTING IS PRESENT. |
| 7. | SEE MECHANICAL DRAWINGS FOR EXISTING HVAC EQUIPMENT, UNITS, DUCTWORK, ETC. TO BE REMOVED. |
| 8. | SEE ELECTRICAL DRAWINGS FOR EXISTING POWER AND LIGHTING FIXTURES, EQUIPMENT, DEVICES, ETC. TO BE REMOVED. FLUORESCENT LIGHTING SCHEDULED TO BE REMOVED SHALL BE RECYCLED OR DISPOSED OF IN A SUBTITLE D/MSW LANDFILL IN ACCORDANCE WITH THE SC POLLUTION CONTROL ACT AND FEDERAL REGULATIONS. |

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 412 Meeting Street
 West Columbia
 South Carolina

**EMERALD HIGH SCHOOL ADDITIONS
 GREENWOOD SCHOOL DISTRICT #50
 150 BYPASS 225, GREENWOOD, SC 29646**

| No | Description | Date |
|----|-------------|------------|
| 1 | ADDENDUM 01 | 2022-04-18 |

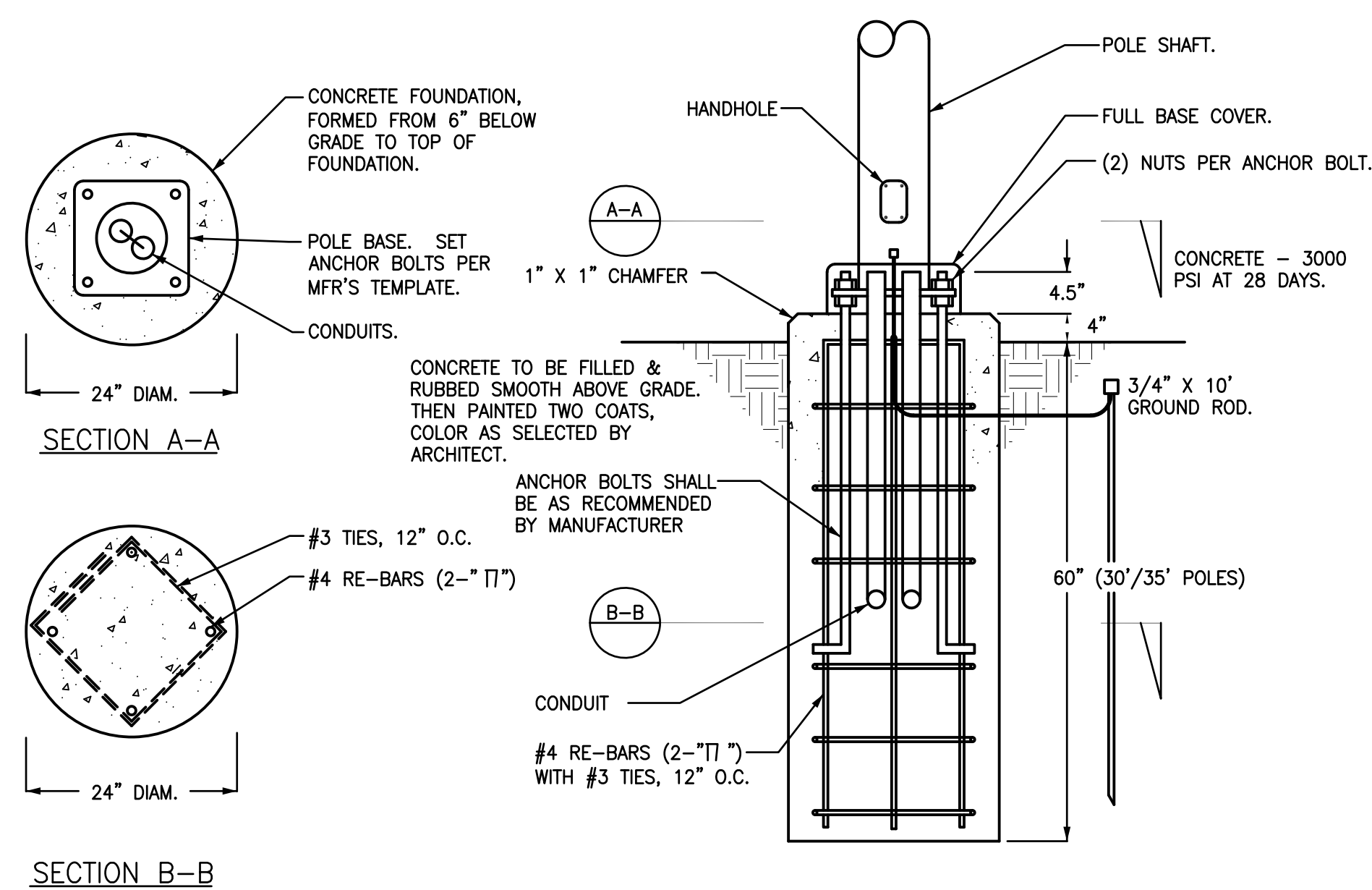
DRAWN BY: AS
 CHECKED BY: TS
 COMM NO: 22016
 DATE: MAR 31, 2023
 SHEET TITLE: DEMOLITION PLAN
 SHEET NO: D101

LIGHTING FIXTURE SCHEDULE

| TYPE | SYMBOL | LAMP | DESCRIPTION | MODEL | WATTS | VOLTS | NOTE 1 |
|------------|--------|--------------|--|--|-------|------------|--|
| A50 | | (1) LED | 24 SPEC GRADE RECESSED LED FIXTURE WITH 0-10V DIMMING CAPABILITY AND THE FOLLOWING MINIMUM CRITERIA: 5000 LUMEN OUTPUT, 125LPW, 80CRI, 4000K. | WILLIAMS LT-24-L52/840-AF-ECLIPS-DIM-UNV OR EQUIVALENT OF LITHONIA 2BLT4 SERIES, METALUX CRUZE SERIES COLUMBIA LCAT SERIES, OR DAYBRITE EVOGRID SERIES | 38 | MULTIPLE | |
| A50EM | | (1) LED | SAME AS TYPE A50, EXCEPT FIXTURE TO INCLUDE 10W EMERGENCY BATTERY WITH INTEGRAL TEST SWITCH. | ADJUST CATALOG NUMBERS TO ADD 10W EMERGENCY BATTERY. | 38 | MULTIPLE | |
| D20 | | (1) LED | 6" LED DOWNLIGHT WITH SOFT SEMI-SPECULAR REFLECTOR, WIDE DISTRIBUTION (60d), HEAVY-GAGE GALVANIZED STEEL HOUSING, 1% 0-10V DIMMING, AND THE FOLLOWING MINIMUM CRITERIA: 2000 LUMEN OUTPUT, 100LPW, 80CRI, 4000K. | WILLIAMS 4DR-TL-20/840-DIM1-UNV-0-W-OF-CS GOTHAM EV06-40/20-AR-LSS-WD-MVOLT-GZ1 OR EQUIVALENT OF PATHWAY OR PRESCOLITE | 20 | MULTIPLE | |
| D20EM | | (1) LED | SAME AS TYPE D20, EXCEPT FIXTURE TO INCLUDE 10W EMERGENCY BATTERY WITH INTEGRAL TEST SWITCH. | ADJUST CATALOG NUMBERS TO ADD 10W EMERGENCY BATTERY. | 20 | MULTIPLE | |
| DISP4 | | (1) LED | 4" LED SURFACE MOUNTED LIGHT FOR DISPLAY CASE WITH THE FOLLOWING MINIMUM CRITERIA: 1200 LUMEN OUTPUT, 70LPW, 80CRI, 4000K, 80% LUMEN MAINTENANCE AT 50,000 HOURS. | ECOSENSE L35-I-48-04-40-80-MULT-120 WITH MNT-L-TRKCLIP-48 MOUNTING TRACK AND LENS-L35-FROST-48 FROSTED LENS SSL CVLX-4-4K-120-DVL-4-DVL-ENDCAP | 16 | MULTIPLE | MOUNT IN DISPLAY CASE AS DIRECTED IN FIELD BY ARCHITECT. |
| O20 | | (1) LED | 4-FOOT OUTDOOR RATED RECESSED LED FIXTURE WITH ALUMINUM GASKETED HOUSING AND THE FOLLOWING MINIMUM CRITERIA: 2000 LUMEN OUTPUT, 90LPW, 80CRI, 4000K. | FINELITE HP-4 WL-R-D-4-H-840-F-96-277-SC-FC-1%-FE AXIS WRLED-500-80-40-S-4-C-UNV-0P-1-D OR ACCEPTABLE EQUIVALENT OF SELUX L125 SERIES OR ALW LITEPLANE SERIES | 22 | 277V 1P 2W | |
| Q | | (1) LED | 48" LOW PROFILE SURFACE MOUNT IP68/WET LOCATION LED FIXTURE WITH EXTRUDED ALUMINUM HOUSING & FROSTED LENS. PROVIDE IP68 TRANSFORMERS AS INDICATED. | KELVIX UNI-WL-0-300-40K-24V, CH-502-A-48-WH-CP-EC, HLV-96 OR ACCEPTABLE EQUIVALENT OF LUMINI OR KLIKUSA KELVIX UNI-WL-0-300-40K-24V, CH-502-A-48-WH-CP-EC, HLV-96 (OR HLV-192) | 12 | 277V 1P 2W | XX-STANDARD COLOR AS SELECTED BY ARCHITECT (SILVER, BLACK, BRONZE, WHITE). LOCATE POWER SUPPLIES IN FALSE BEAM AS DIRECTED IN FIELD. |
| RING8 | | (1) LED | 96" DIAMETER DIRECT/INDIRECT RING FIXTURE WITH STEEL HOUSING, OPAL ACRYLIC LENS, HUB SUSPENSION, AND THE FOLLOWING MINIMUM CRITERIA: 21,000 LUMEN OUTPUT (12,500 DIRECT/8,500 INDIRECT), 80CRI, 4000K. | CERCHIO LIGHTING P77-02-110-206-CSS-C8-K40-IS-302-FR1/12500-FR2/96-XX-YY OR EQUIVALENT OF BETA-CALCO OR INTRA LIGHTING. | 250 | MULTIPLE | XX-STANDARD COLOR AS SELECTED BY ARCHITECT. YY-STANDARD CANOPY FINISH AS SELECTED BY ARCHITECT. REFER TO DRAWINGS FOR MOUNTING HEIGHTS. COORDINATE HEIGHT AND LOCATIONS WITH ARCHITECT AND OTHER TRADES TO AVOID CONFLICTS WITH DUCTS, STRUCTURE, ETC. PROVIDE UNISTRUT, PENDANTS, AND OTHER HARDWARE NECESSARY TO MOUNT FIXTURES. |
| S12 | | LED | 12"x12" HIGH ABUSE FIXTURE WITH MARINE-GRADE ALUMINUM HOUSING, HIGH-IMPACT POLYCARBONATE LENS, STAINLESS STEEL HARDWARE, CLOSED-CELL GASKETING, IP65/WET LOCATION LISTING, SURGE PROTECTION, AND THE FOLLOWING MINIMUM CRITERIA: 1300 LUMEN OUTPUT, 100LPW, 80CRI, 4000K. | KENALL MS11FD-PP-XX-10L40K-DV-10KV LUMINAIRELED SWP1212-15W-4000K-120-277-OP-XX-CAB PARAMOUNT PAVR1050-UNV-4K-CRIBS-17L-XX-CSM | 13 | 277V 1P 2W | MOUNT TO UNDERSIDE OF CANOPY. XX-STANDARD COLOR AS SELECTED BY ARCHITECT |
| X1C | | (2) 2.2W LED | CEILING MOUNT COMBO EMERGENCY LIGHT AND SINGLE FACE LED EXIT SIGN WITH EVEN ILLUMINATION RED DIFFUSER, WHITE THERMOPLASTIC HOUSING, NICAD BATTERY, 2.2W INTEGRAL/ADJUSTABLE LED LAMPS, SELF-DIAGNOSTICS. | CHLORIDE CLC-N-RW OR EQUIVALENT OF EMERGLITE LITHONIA, OR SURELITES | 4.4 | MULTIPLE | WIRE TO UNSWITCHED HOT LEG OF ROOM LIGHTING CIRCUIT. EXISTING EXIT LIGHT LOCATIONS TO BE USED WHERE APPLICABLE (REMOVE & REPLACE OLD EXIT). AIM EMERGENCY LIGHTS TO PROPERLY LIGHT PATH OF EGRESS. |
| X2W | | (4) 2.2W LED | SAME AS TYPE X2C EXCEPT FLAT WALL MOUNTED. | ADJUST CATALOG NUMBERS FOR FLAT WALL MOUNTED EXIT | 4.4 | MULTIPLE | SEE TYPE X1C NOTES. MOUNT 7"-6" AFF UNLESS NOTED OTHERWISE, CENTERED OVER DOOR WHERE APPLICABLE. MOUNT REMOTE HEADS CENTERED OVER EXTERIOR SIDE OF DOOR. |
| XR | | (2) 2.2W LED | ARCHITECTURAL OUTDOOR RATED LED EMERGENCY BATTERY LIGHT. | CHLORIDE PLEMXX OR EQUIVALENT OF EMERGLITE, LITHONIA, OR SURELITES | 4.4 | 277V 1P 2W | XX-STANDARD COLOR AS SELECTED BY ARCHITECT (BRONZE, WHITE, BLACK, TITANIUM). MOUNT CENTERED ON SOFFIT OVER DOOR AS DIRECTED BY ARCHITECT. |
| Y5-30 | | (1) LED | 30" ROUND TAPERED ALUMINUM POLE WITH (1) LED LUMINAIRE WITH ALUMINUM HOUSING, TYPE V WIDE DISTRIBUTION, INTEGRAL SURGE PROTECTION, INTEGRAL PHOTOCELL, AND THE FOLLOWING MINIMUM CRITERIA: 27,330 LUMEN OUTPUT, 130PW, 70CRI, 4000K. | GARDCO ECF-S-64L-1A-NW-G2-AR-5W-UNV-PCB-RPA-BZ ON 30' RTA POLE LITHONIA DSX1-LED-PB-40K-70CRI-T5W-MVOLT-PER-RPA-DOBXD ON 30' RTA POLE MCGRAW-EDISON GALN-SAA-C-740-U-5WQ-BZ-BCP ON 30' RTA POLE | 215.8 | 277V 1P 2W | MOUNT ON ROUND CONCRETE BASE, SEE DETAIL ON DRAWINGS. FIXTURE TO INCLUDE ARM, HUB, AND ALL OTHER NECESSARY MOUNTING HARDWARE. |
| Y5-30(EX) | | (1) LED | EXISTING 30' POLE TO REMAIN. REMOVE EXISTING MH FIXTURE AND REPLACE WITH LED FIXTURE WITH ALUMINUM HOUSING, TYPE V WIDE DISTRIBUTION, INTEGRAL SURGE PROTECTION, INTEGRAL PHOTOCELL, AND THE FOLLOWING MINIMUM CRITERIA: 27,330 LUMEN OUTPUT, 130LPW, 70CRI, 4000K. | GARDCO ECF-S-64L-1A-NW-G2-AR-5W-UNV-PCB-RPA-BZ ON EXISTING 30' POLE LITHONIA DSX1-LED-PB-40K-70CRI-T5W-MVOLT-PER-RPA-DOBXD ON EXISTING 30' POLE MCGRAW-EDISON GALN-SAA-C-740-U-5WQ-BZ-BCP ON EXISTING 30' POLE | 215.8 | 277V 1P 2W | MOUNT TO EXISTING 30' POLE, PROVIDE NEW STAINLESS STEEL SCREWS/HARDWARE AS REQUIRED. MAINTAIN EXISTING CIRCUITING AND CONTROLS. |
| Y55-30(EX) | | (1) LED | EXISTING 30' POLE TO REMAIN. REMOVE (2) EXISTING MH FIXTURES AND REPLACE WITH (2) LED FIXTURE WITH ALUMINUM HOUSING, TYPE V WIDE DISTRIBUTION, INTEGRAL SURGE PROTECTION, INTEGRAL PHOTOCELL, AND THE FOLLOWING MINIMUM CRITERIA: 27,330 LUMEN OUTPUT, 130LPW, 70CRI, 4000K. | (2) GARDCO ECF-S-64L-1A-NW-G2-AR-5W-UNV-PCB-RPA-BZ ON EXISTING 30' POLE (2) LITHONIA DSX1-LED-PB-40K-70CRI-T5W-MVOLT-PER-RPA-DOBXD ON EXISTING 30' POLE (2) MCGRAW-EDISON GALN-SAA-C-740-U-5WQ-BZ-BCP ON EXISTING 30' POLE | 215.8 | 277V 1P 2W | MOUNT TO EXISTING 30' POLE, PROVIDE NEW STAINLESS STEEL SCREWS/HARDWARE AS REQUIRED. MAINTAIN EXISTING CIRCUITING AND CONTROLS. |
| YFL-35(EX) | | (1) LED | EXISTING 35' POLE TO REMAIN. REMOVE (2) EXISTING MH FLOODLIGHTS AND REPLAC WITH LED FLOODLIGHTS WITH ALUMINUM HOUSING, ASYMMETRIC FLOOD DISTRIBUTION, INTEGRAL SURGE PROTECTION, INTEGRAL PHOTOCELL, AND THE FOLLOWING MINIMUM CRITERIA: 11,000 LUMEN OUTPUT, 120PW, 70CRI, 4000K. | (2) GARDCO DFL7-A33-32L-900-NW-G2-277-BZ-PCB ON EXISTING 35' POLE, OR ACCEPTABLE EQUIVALENT OF U.S. ARCHITECTURAL, LITHONIA, MCGRAW-EDISON, OR KIM | 180 | 277V 1P 2W | MOUNT ON EXISTING 35' POLE BRACKETS, PROVIDE NEW STAINLESS STEEL SCREWS/HARDWARE AS REQUIRED. AIM FIXTURES AT NIGHT TO LIGHT BUILDING, COORDINATE WITH OWNER. MAINTAIN EXISTING CIRCUITING AND CONTROLS. |
| YFLAG | | (1) LED | RECESSED IN-GRADE/CONCRETE LED FIXTURE WITH THE WITH THE FOLLOWING MINIMUM CRITERIA: 3000 LUMEN OUTPUT, 100LPW, 80CRI, 4000K, IP65K RATING, NARROW BEAM SPREAD, SUITABLE FOR INSTALLATION IN CONCRETE OR EARTH AND SUITABLE FOR WALK AND DRIVE APPLICATION. | WEEF 185-7036 | 27 | 277V 1P 2W | |

LIGHTING FIXTURE SCHEDULE NOTES

- FIXTURE BODIES MANUFACTURED FROM PRE-PAINTED STEEL SHALL BE PAINTED AFTER FABRICATION, UNLESS NOTED.
- WARRANTY FOR ALL LED FIXTURES SHALL BE A MINIMUM OF 5-YEARS FROM DATE OF SUBSTANTIAL COMPLETION UNLESS NOTED OTHERWISE.
- REFER TO LUMINAIRE SCHEDULE FOR LED DESIGN CRITERIA (DELIVERED LUMENS, LUMENS PER WATT, CRI, COLOR TEMPERATURE, LUMEN MAINTENANCE FACTOR). LISTED CRITERIA REPRESENTS THE MINIMUM ACCEPTABLE VALUES. FIXTURES NOT MEETING THE LISTED MINIMUM REQUIREMENTS ARE NOT ACCEPTABLE.
- REFER TO ARCHITECTURAL DRAWINGS FOR CEILING SCHEDULE AND/OR REFLECTED CEILING PLAN.
- WIRE RECESSED FIXTURES THRU GREENFIELD FROM OUTLET BOX ABOVE CEILING, EXCEPT THAT TYPE MC CABLE MAY BE USED FOR LIGHT FIXTURE WIRING ABOVE ACCESSIBLE LAY-IN CEILINGS AS INDICATED IN GENERAL NOTES.
- PULL UNSWITCHED HOT LEG TO ALL EXIT LIGHTS, EXTERIOR EMERGENCY EGRESS LIGHTS, AND OTD LIGHTS AS REQUIRED.
- PULL UNSWITCHED HOT LEG TO ALL EXIT AND EMERGENCY BATTERY LIGHTS AS REQUIRED.
- LIGHTING CONTROLS AND OCCUPANCY SENSORS - PROVIDE ALL POWER PACKS AND MOUNTING HARDWARE NECESSARY TO PROVIDE A COMPLETE AND OPERABLE SYSTEM. SEE SPECIFICATIONS, DETAILS, AND OCCUPANCY SENSOR NOTES.
- FIXTURE MOUNTING HEIGHTS - REFER TO ARCHITECTURAL DRAWINGS & ELEVATIONS FOR MOUNTING HEIGHTS OF WALL MOUNTED LIGHT FIXTURES. MOUNTING HEIGHTS INDICATED ON ELECTRICAL DRAWINGS ARE FOR BIDDING PURPOSES, FIELD VERIFY ALL MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
- LIGHT FIXTURES MOUNTED IN ACOUSTICAL CEILING GRID OR SIMILAR CEILING SYSTEMS SHALL BE SECURELY FASTENED TO THE CEILING FRAMING MEMBER BY MECHANICAL MEANS SUCH AS BOLTS, SCREWS, RIVETS, OR LISTED CLIPS PER THE REQUIREMENTS OF NEC 410.36(B), WITHIN 6" OF EACH CORNER. REFER TO DETAIL ON E604.
- ALL SCREWS, BOLTS, ETC. FOR LIGHT FIXTURES LOCATED OUTDOORS SHALL BE STAINLESS STEEL, INCLUDING MOUNTING HARDWARE FOR LIGHT FIXTURE ACCESSORIES.
- FOR DESIGN PURPOSES THE BASIC WIND SPEED FOR THIS SITE IS 100 MPH - ALL POLES SHALL BE RATED ACCORDINGLY AND SHALL COMPLY WITH STRUCTURAL DESIGN INFORMATION ON LS101 AND TO WIND SPEED CONVERSION TABLE 1609.3.1 IN THE 2021 IBC. POLE RATINGS SHALL FACTOR IN EPA AND WEIGHT OF FIXTURES, BRACKETS, ARMS, ETC. POLE HEIGHT INDICATED IN FIXTURE SCHEDULE ALSO REFLECTS THE FIXTURE MOUNTING HEIGHT FROM FINISHED GRADE TO THE TOP OF THE LIGHT FIXTURE.



1 LIGHT POLE FOUNDATION DETAIL
NOT TO SCALE

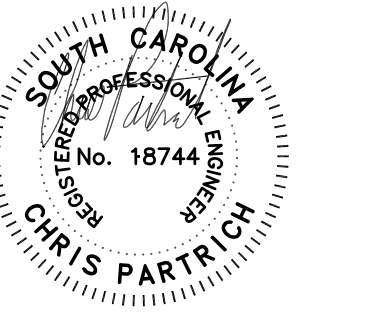
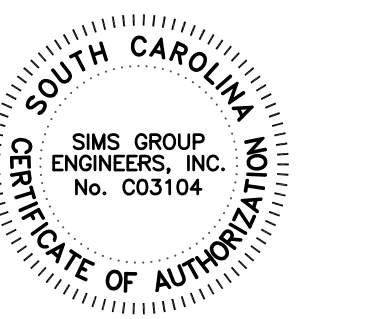
Jumper

Carter

Sease

ARCHITECTS

412 Meeting Street
West Columbia
South Carolina



APPENDUM NO. 1 04/19/2023

EMERALD HIGH SCHOOL ADDITIONS
GREENWOOD SCHOOL DISTRICT #50
150 BYPASS 225, GREENWOOD, SC 29646

CONSTRUCTION DOCUMENTS

| Date | Description |
|------------|----------------|
| 04/19/2023 | ADDENDUM NO. 1 |
| | |
| | |
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| | |
| | |

DRAWN BY: **JWB**
CHECKED BY: **CLP**
COMM NO: **22016**
DATE: **MARCH 31, 2023**
SHEET TITLE: **LIGHTING FIXTURE SCHEDULE, NOTES AND DETAILS**

--- C22080

sims group
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SHEET NO: **E004**

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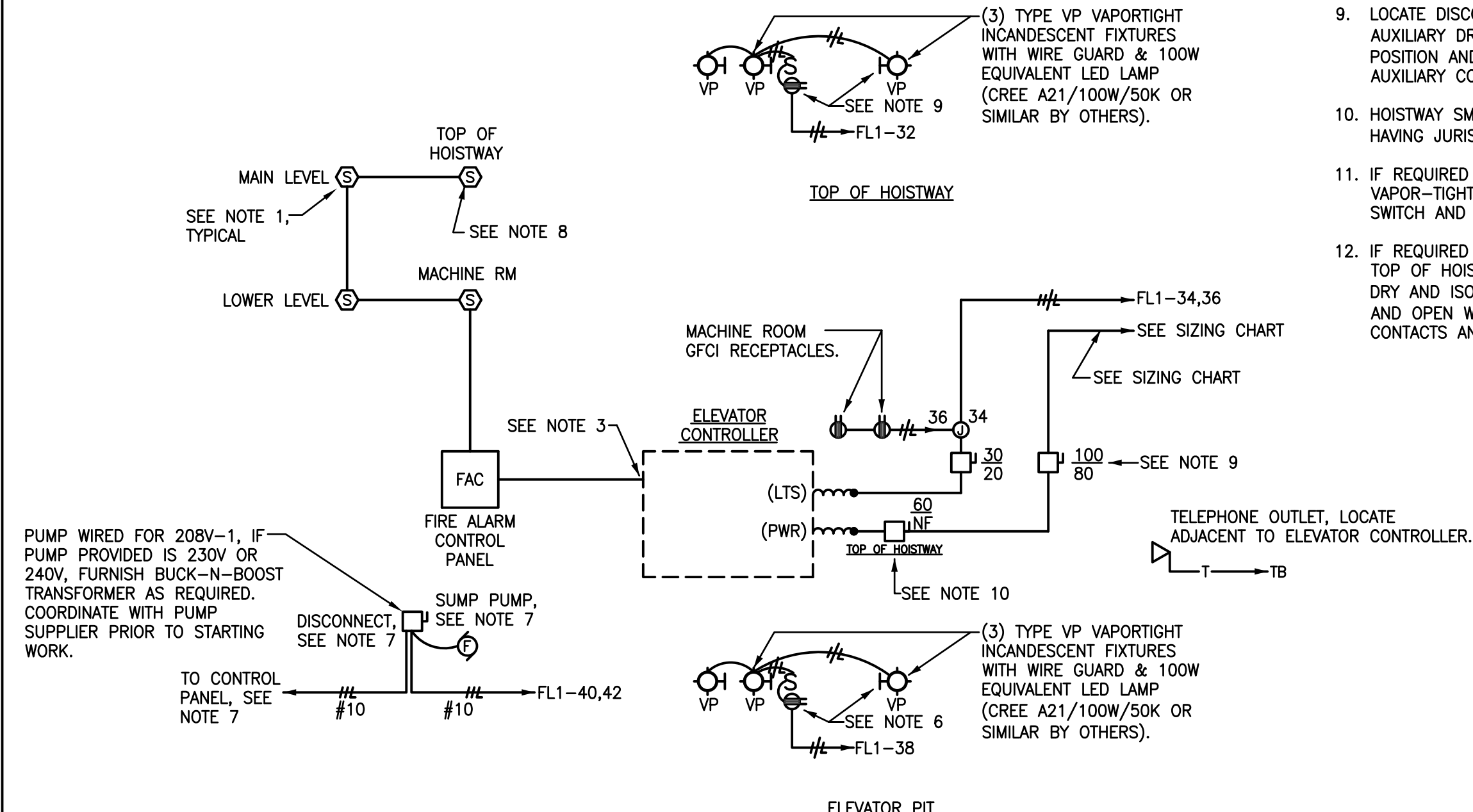
ELEVATOR EQUIPMENT COORDINATION NOTE:

THE ELEVATOR EQUIPMENT SUPPLIER AND THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE ELECTRICAL REQUIREMENTS OF THE ELEVATOR PRIOR TO STARTING WORK AND SHALL REVISE THE WIRING DIAGRAM TO REFLECT THE ACTUAL EQUIPMENT BEING SUPPLIED, AT NO COST TO THE OWNER OR THE ENGINEER.

THE ELEVATOR EQUIPMENT SUPPLIER SHALL BE RESPONSIBLE FOR REVIEWING THE ELEVATOR WIRING DIAGRAM PRIOR TO SUBMITTING BID AND SHALL INCLUDE ANY AND ALL ELECTRICAL MATERIALS AND LABOR NOT INDICATED ON THE ELECTRICAL DRAWINGS BUT REQUIRED FOR A COMPLETE AND OPERABLE ELEVATOR INSTALLATION. THE ELEVATOR ELECTRICAL INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 72, NFPA 70, ASME 17.1, AND THE IBC. NO CHANGES WILL BE ISSUED FOR ELECTRICAL MODIFICATIONS TO THE ELEVATOR WIRING DIAGRAM REQUIRED BY THE ELEVATOR EQUIPMENT SUPPLIER.

ELEVATOR NOTES:

- LOCATE SMOKE DETECTORS IN LOBBIES AND MACHINE ROOM ON CEILING NEAR CENTER OF ROOM, 36" FROM ANY AIR VENT.
- NOT USED.
- TIE IN FAC PANEL TO ELEVATOR CONTROLLER PER THE MFR'S RECOMMENDATIONS SO THAT ELEVATOR RECALL OCCURS UPON ACTIVATION OF THE LOBBY, HOISTWAY, OR MACHINE ROOM DETECTORS. PROVIDE ALL RELAYS & CONTROL MODULES NECESSARY TO SEND THE ELEVATOR RECALL SIGNALS REQ'D BY ASME 17.1. COORDINATE WITH ELEVATOR SUPPLIER PRIOR TO STARTING WORK TO AVOID CONFLICTS.
- NOT USED.
- NOT USED.
- FURNISH & INSTALL RECEPTACLE, SWITCH, AND VAPOR TIGHT FIXTURES IN PIT AS DIR'D. MOUNT SWITCH AND GFCI RECEPTACLE IN 2-GANG BOX.
- REFER TO PLUMBING DRAWINGS FOR PUMP AND CONTROL PANEL LOCATIONS AND SPECIFICATIONS. PROVIDE 30A, NEMA 4 NON-FUSED DISCONNECT AT PUMP LOCATION, FLEX TO PUMP WITH LIQUIDTIGHT, COORDINATE IN FIELD WITH PLUMBING CONTRACTOR.
- FIELD VERIFY ELEVATOR ELECTRICAL DATA WITH ACTUAL ELEVATOR SUPPLIED PRIOR TO ORDERING MATERIALS. ADJUST BREAKER, DISCONNECT AND WIRING ACCORDINGLY. ELEVATOR BREAKER(S) TO BE LOCATED IN BUILDING MAIN PANEL OR MAIN SWITCHBOARD UNLESS NOTED OTHERWISE ON THE DRAWING.
- LOCATE DISCONNECTS ADJACENT TO DOOR AS DIRECTED IN FIELD. ELEVATOR DISCONNECTS SHALL HAVE AUXILIARY DRY AND ISOLATED CONTACT SET. CONTACTS SHALL BE CLOSED WHEN SWITCH IS IN THE "ON" POSITION AND OPEN WHEN DISCONNECT IS IN THE "OFF" POSITION. PROVIDE CONTROL WIRING BETWEEN AUXILIARY CONTACTS AND ELEVATOR CONTROLLER AS DIRECTED BY THE EQUIPMENT MANUFACTURER.
- HOISTWAY SMOKE DETECTOR TO BE ELIMINATED IF NOT SPECIFICALLY REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) AND/OR THE ELEVATOR SUPPLIER.
- IF REQUIRED BY REVIEWED ELEVATOR SHOP DRAWINGS, FURNISH & INSTALL RECEPTACLE, SWITCH, AND VAPOR-TIGHT LIGHT FIXTURES AT TOP OF HOISTWAY AS DIRECTED IN FIELD BY ELEVATOR SUPPLIER. MOUNT SWITCH AND GFCI RECEPTACLE IN 2-GANG BOX.
- IF REQUIRED BY REVIEWED ELEVATOR SHOP DRAWINGS, FURNISH & INSTALL A NON-FUSED DISCONNECT AT TOP OF HOISTWAY ADJACENT TO ELEVATOR CONTROLLER. ELEVATOR DISCONNECTS SHALL HAVE AUXILIARY DRY AND ISOLATED CONTACT SET. CONTACTS SHALL BE CLOSED WHEN SWITCH IS IN THE "ON" POSITION AND OPEN WHEN DISCONNECT IS IN THE "OFF" POSITION. PROVIDE CONTROL WIRING BETWEEN AUXILIARY CONTACTS AND ELEVATOR CONTROLLER AS DIRECTED BY THE EQUIPMENT MANUFACTURER.

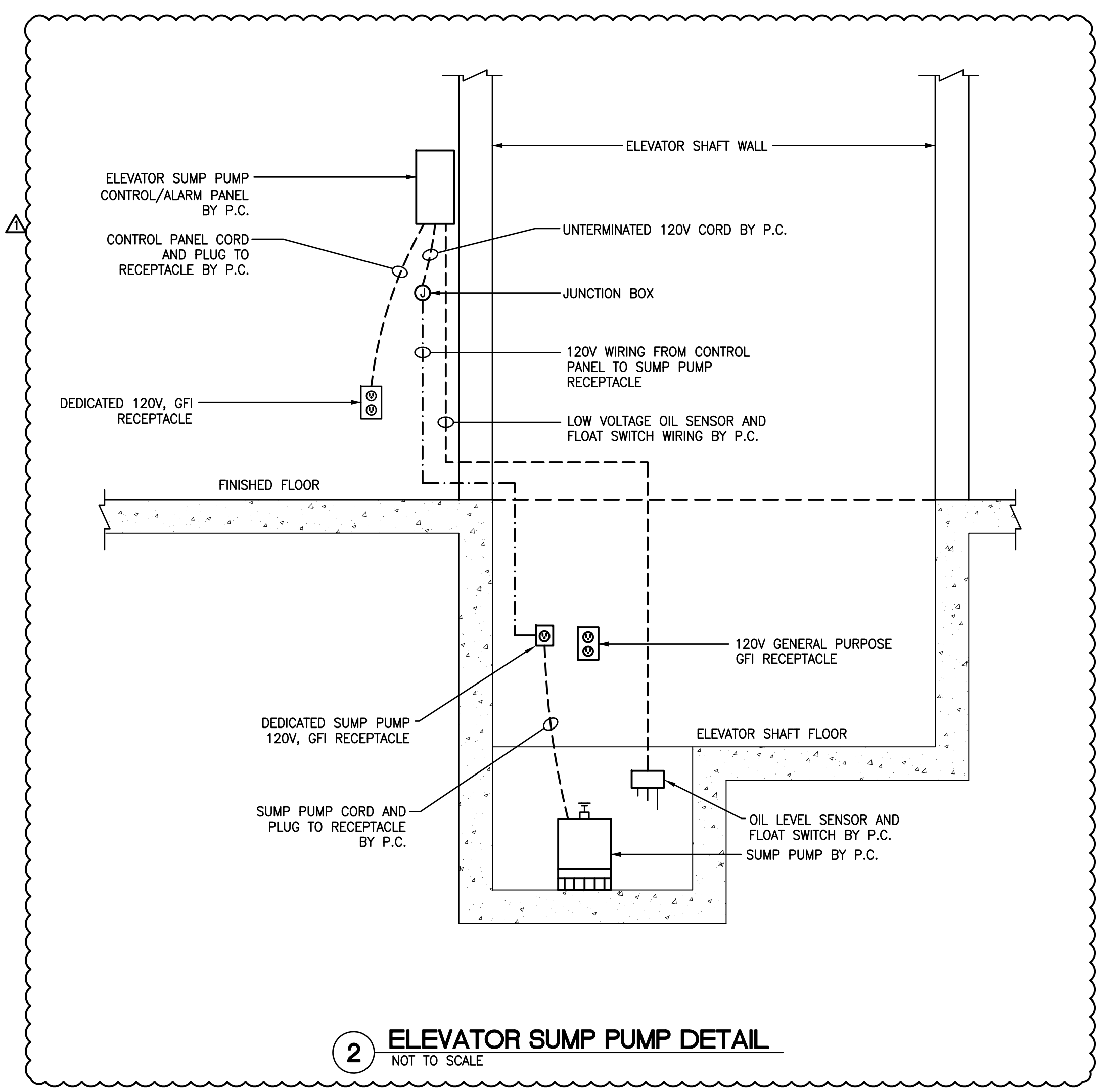


1 ELEVATOR RISER DIAGRAM (Non-Sprinkled Building)
NOT TO SCALE

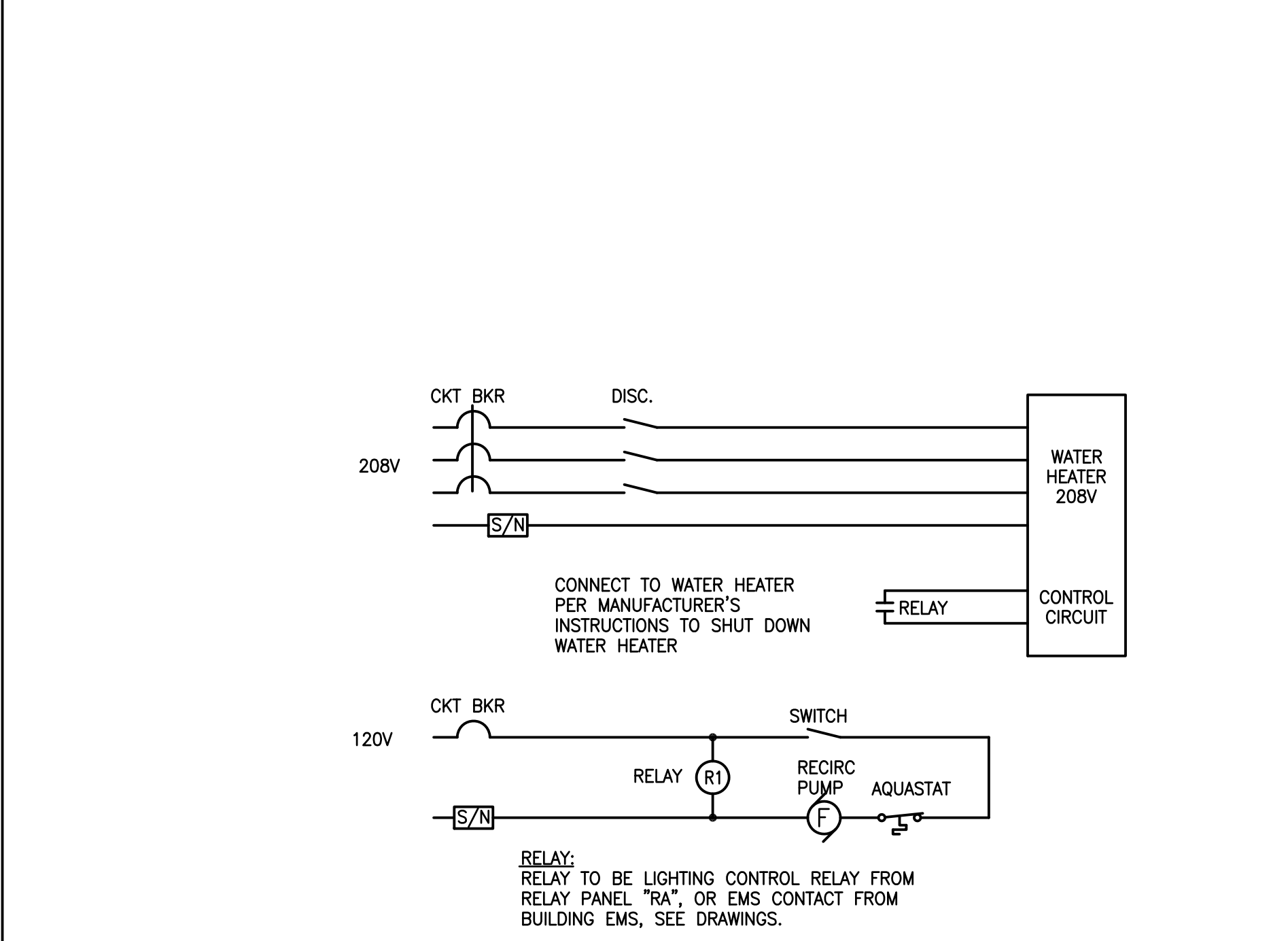
ELEVATOR FEEDER & BREAKER SIZING CHART
(FOR BIDDING PURPOSES ONLY, SEE NOTES 8 & 9)

| HP | 208V-3PH | 480V-3PH |
|-----|-------------------------------|---------------------------|
| 5 | 1#10G, 3#10, 1°C, 40/3 | 1#12G, 3#12, 3/4°C, 20/3 |
| 7.5 | 1#8G, 3#8, 1°C, 60/3 | 1#10G, 3#10, 1°C, 25/3 |
| 10 | 1#6G, 3#6, 1°C, 70/3 | 1#10G, 3#10, 1°C, 35/3 |
| 15 | 1#4G, 3#4, 1 1/4°C, 110A/3 | 1#8G, 3#8, 1°C, 50A/3 |
| 20 | 1#3G, 3#3, 1 1/4°C, 125/3 | 1#6G, 3#6, 1°C, 60/3 |
| 25 | 1#1G, 3#1, 1 1/2°C, 175/3 | 1#6G, 3#6, 1°C, 80/3 |
| 30 | 1#1/0G, 3#1/0, 2°C, 200A/3 | 1#6G, 3#6, 1°C, 100A/3 |
| 40 | 1#2/0G, 3#2/0, 2°C, 250/3 | 1#6G, 3#6, 1 1/4°C, 125/3 |
| 50 | 1#4/0G, 3#4/0, 2 1/2°C, 350/3 | 1#2G, 3#2, 1 1/2°C, 150/3 |

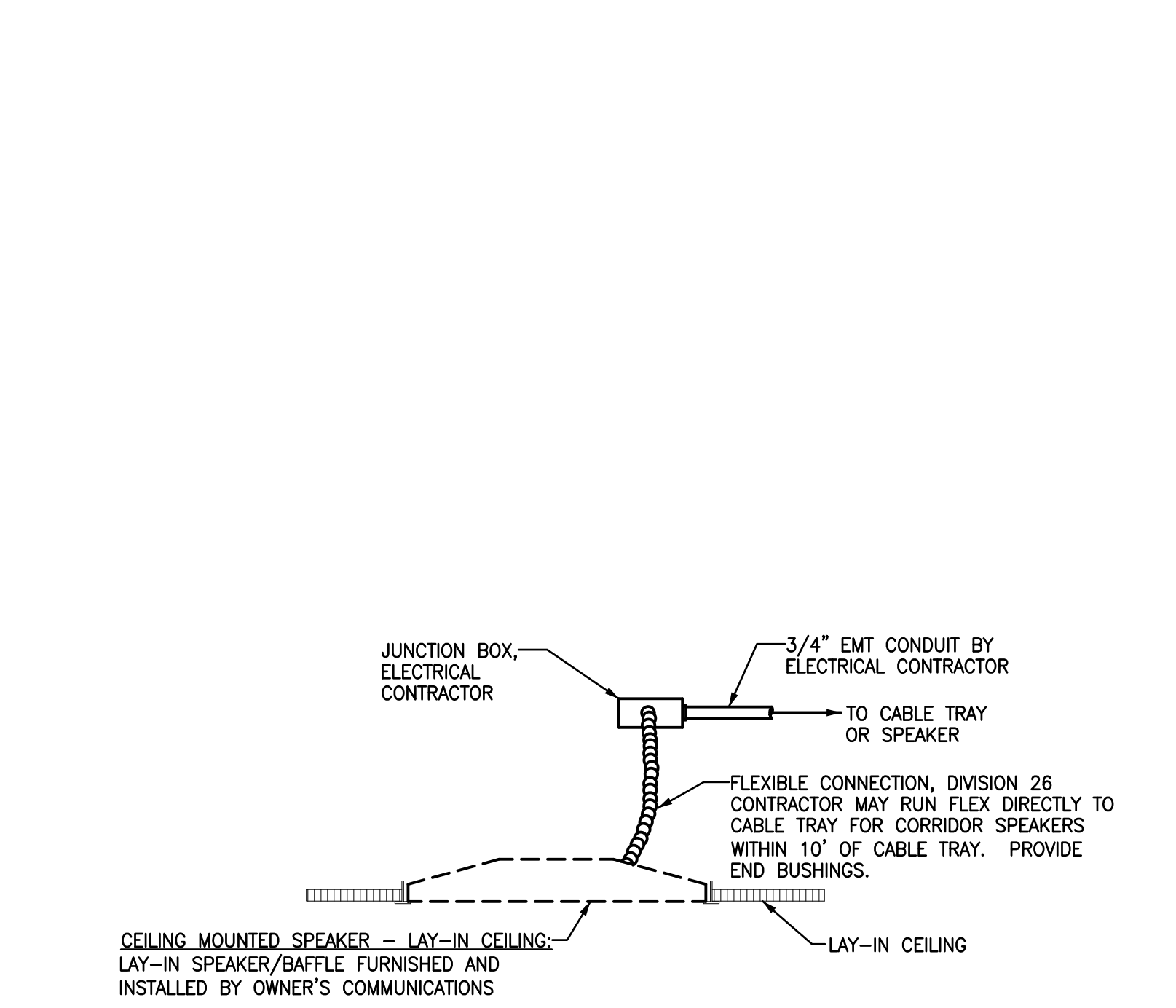
REFER TO ELEVATOR SPECIFICATIONS AND/OR ARCHITECTURAL DRAWINGS FOR ELEVATOR HORSEPOWER



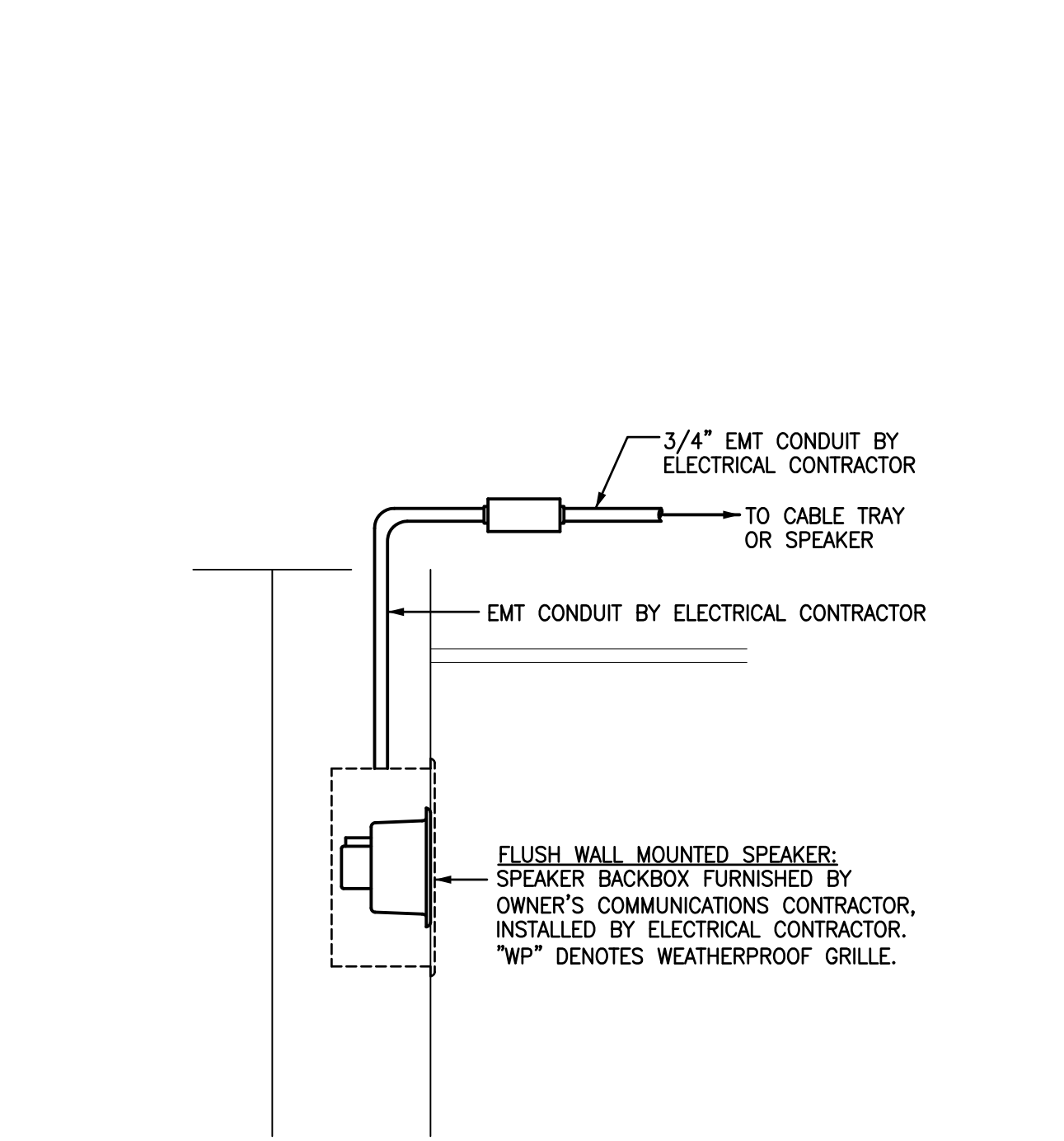
2 ELEVATOR SUMP PUMP DETAIL
NOT TO SCALE



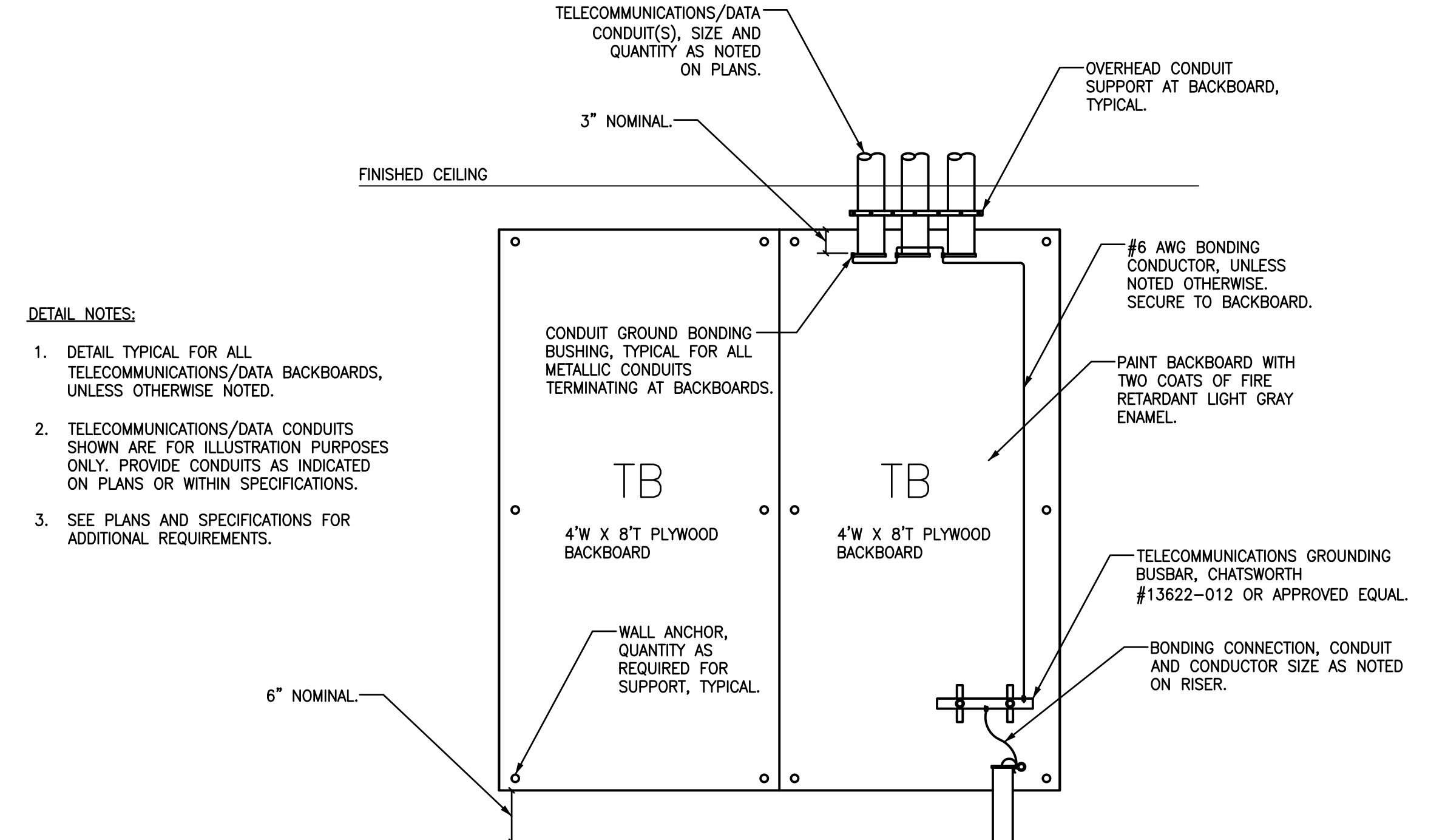
3 WATER HEATER WIRING DIAGRAM
NOT TO SCALE



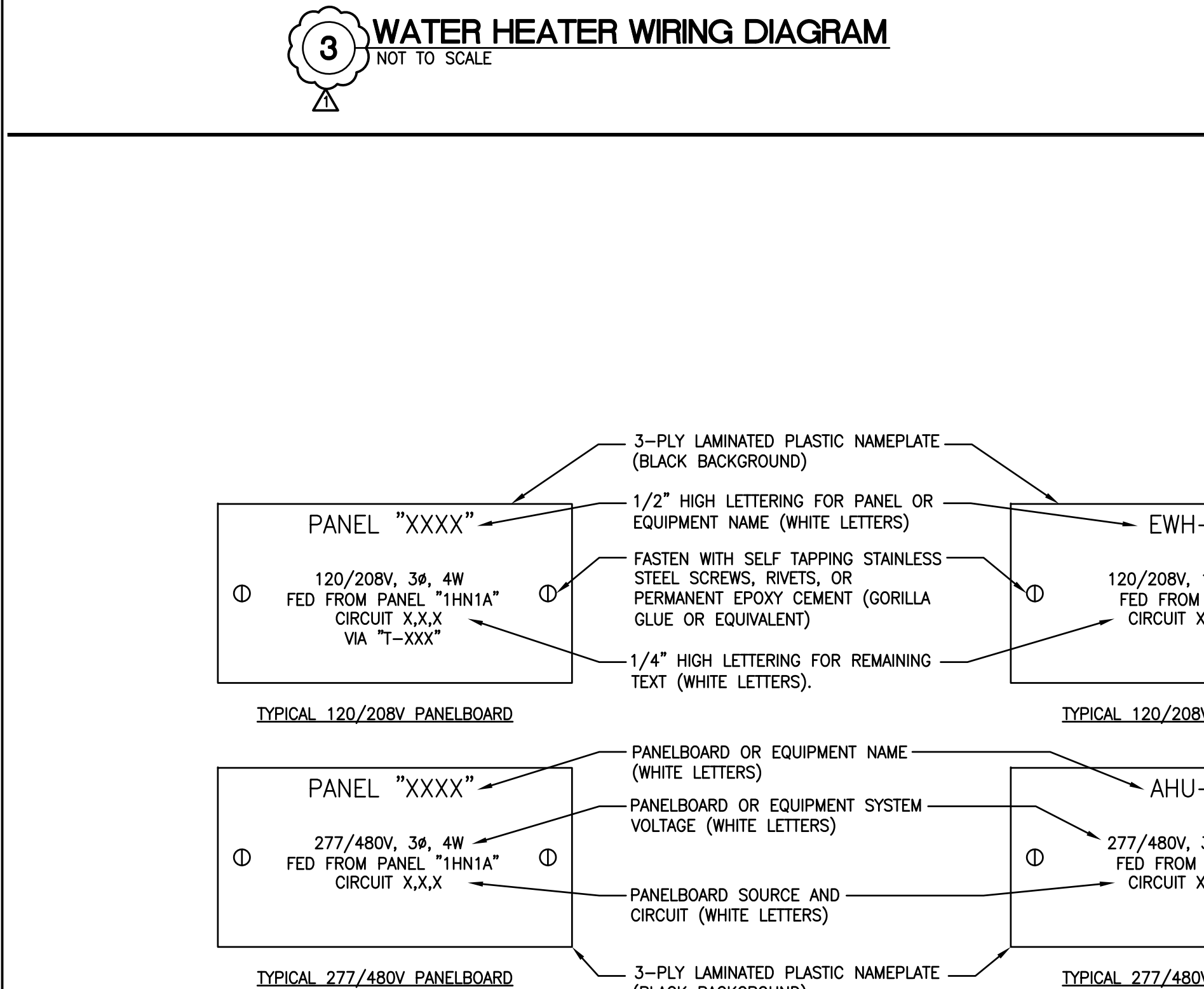
4 SPEAKER INSTALLATION DETAIL - LAY-IN CEILING
NOT TO SCALE



5 TYPICAL WALL MOUNTED SPEAKER DETAIL
NOT TO SCALE

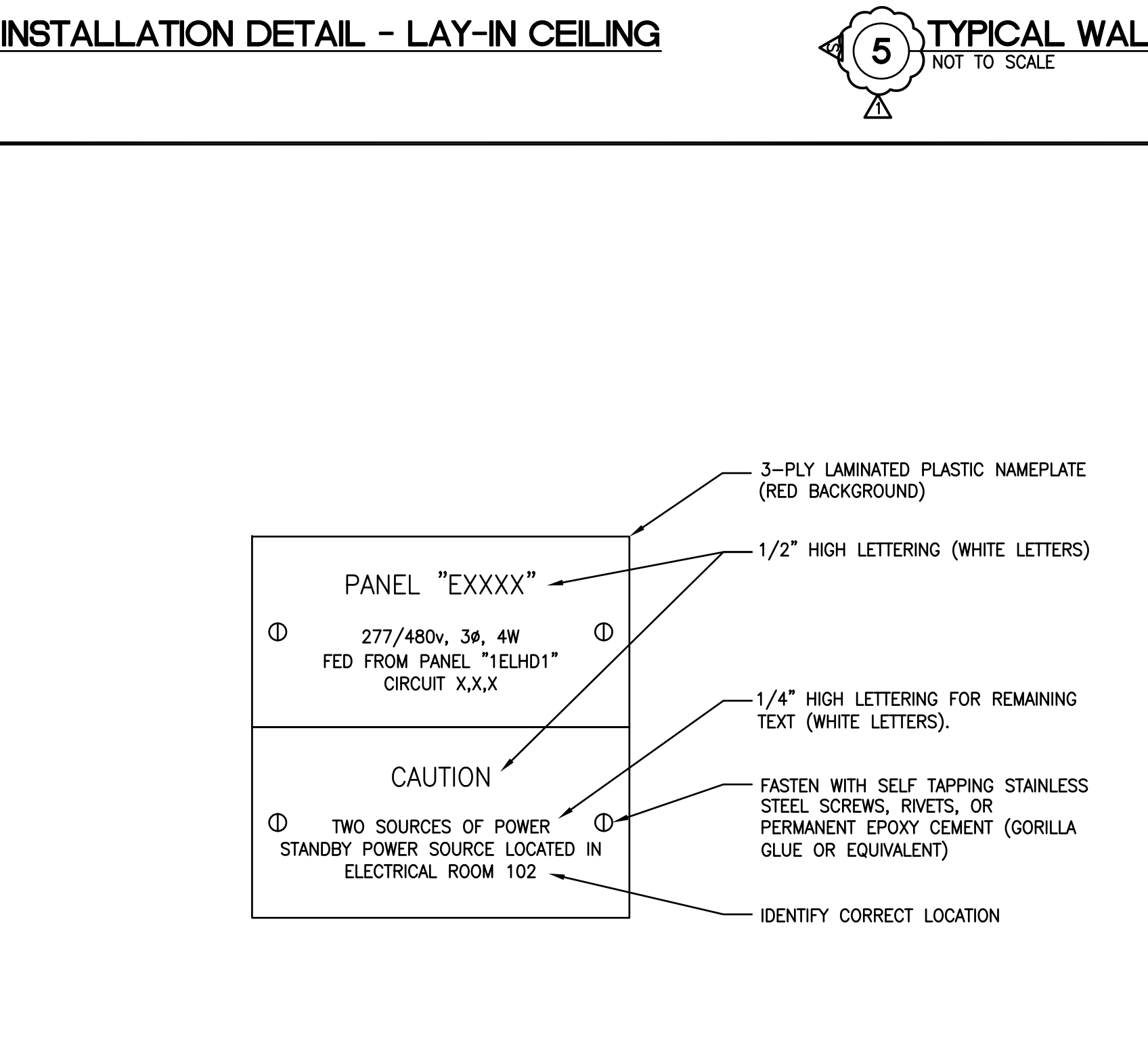


6 TELEPHONE/DATA BACKBOARD DETAIL
NOT TO SCALE

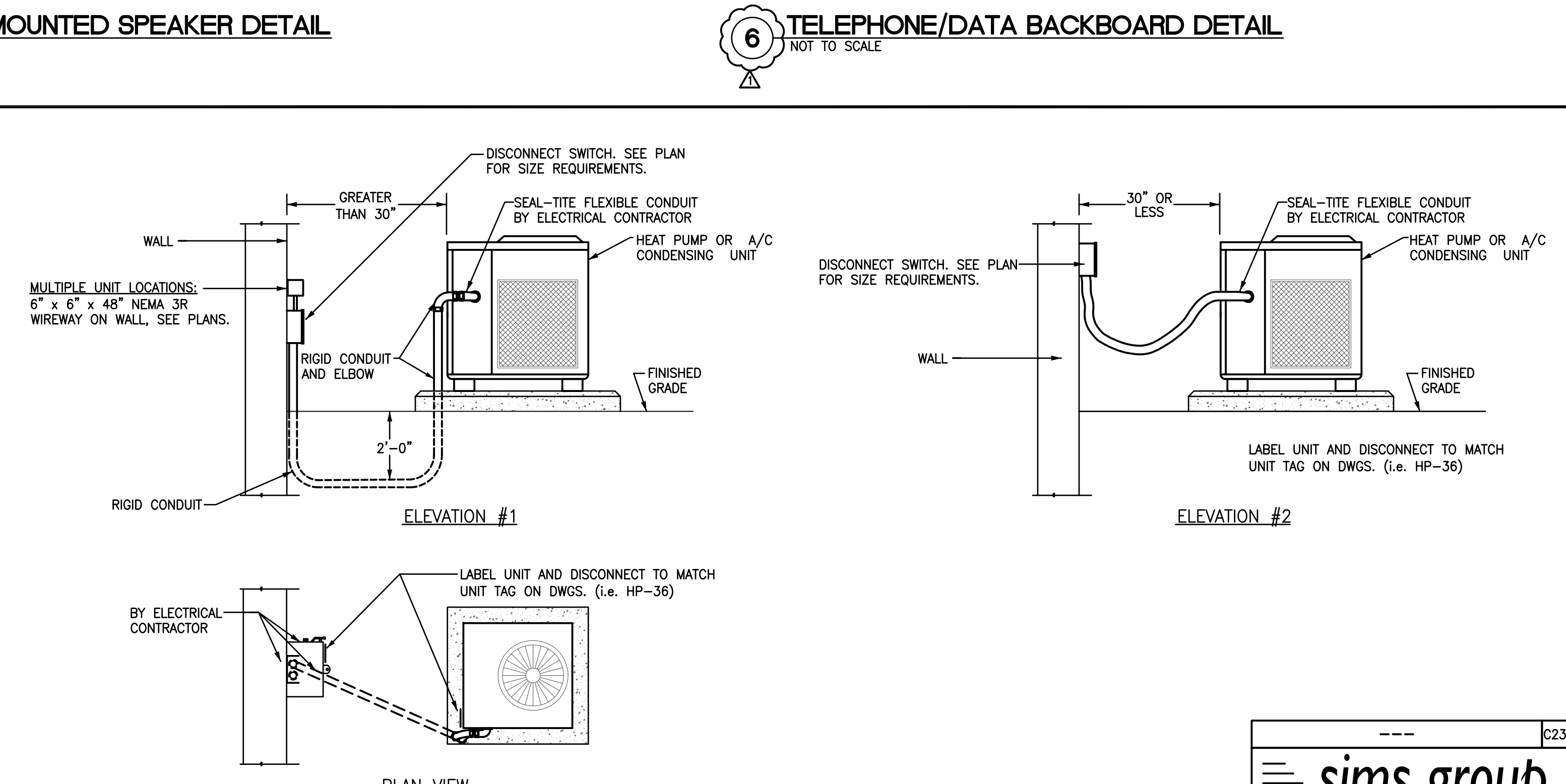


7 PANELBOARD NAMEPLATES
NOT TO SCALE -- BLACK BACKGROUND, WHITE LETTERS

8 EQUIPMENT NAMEPLATES
NOT TO SCALE -- BLACK BACKGROUND, WHITE LETTERS



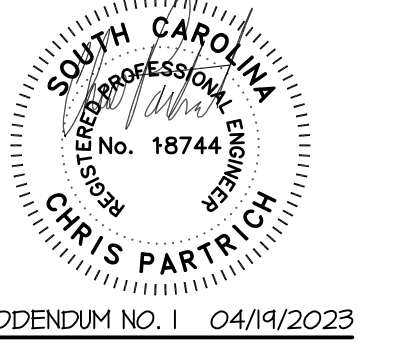
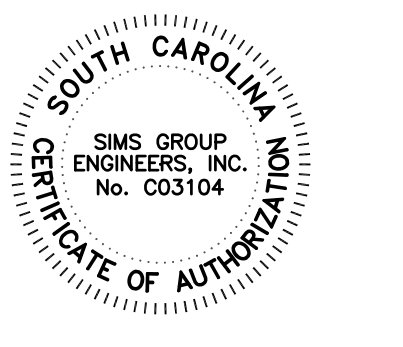
9 EMERGENCY POWER NAMEPLATE
NOT TO SCALE -- RED BACKGROUND, WHITE LETTERS



10 TYPICAL OUTDOOR HVAC UNIT
NOT TO SCALE

**Jumper
Carter
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412 Meeting Street
West Columbia
South Carolina



APPENDUM NO. 1 04/19/2023

EMERALD HIGH SCHOOL ADDITIONS
GREENWOOD SCHOOL DISTRICT #50
150 BYPASS 225, GREENWOOD, SC 29646

CONSTRUCTION DOCUMENTS

| Date | Description |
|------------|----------------|
| 04/19/2023 | ADDENDUM NO. 1 |

DRAWN BY: **JWB**
CHECKED BY: **CLP**
COMM NO: **22016**
DATE: **MARCH 31, 2023**
SHEET TITLE: **ELECTRICAL DETAILS**

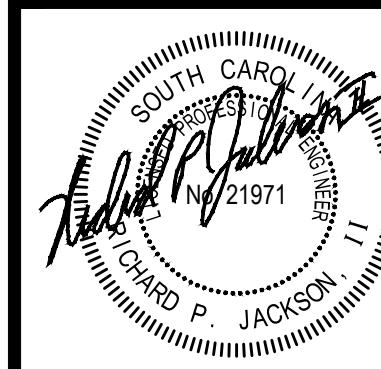
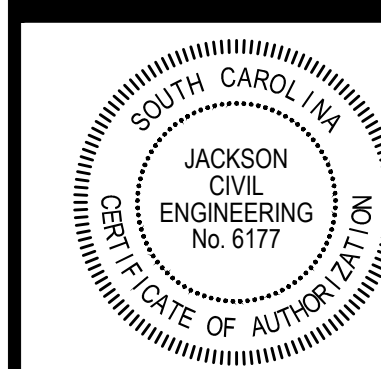
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SHEET NO: **E602**

**Jumper
Carter
Sease**

ARCHITECTS

412 Meeting Street
West Columbia
South Carolina



**EMERALD HIGH SCHOOL
SITEWORK IMPROVEMENTS
150 BYPASS 225
GREENWOOD, SC 29646
GREENWOOD SCHOOL DIST FIFTY**

| No | Description | Date |
|----|--------------|---------|
| 1 | DIGITAL SIGN | 4/19/23 |

CONSTR DOCS

DRAWN BY: RPJ

CHECKED BY: JCE

COMM NO: 2306

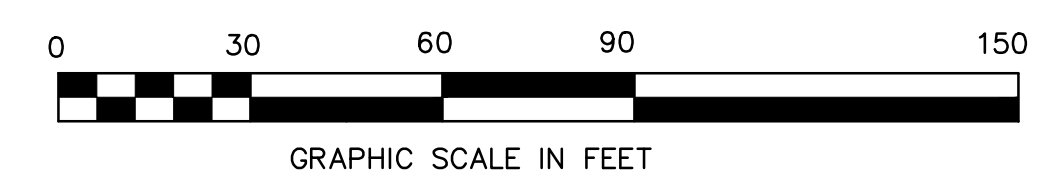
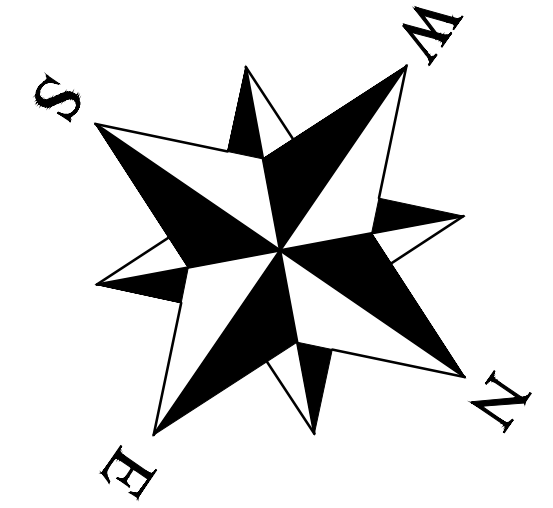
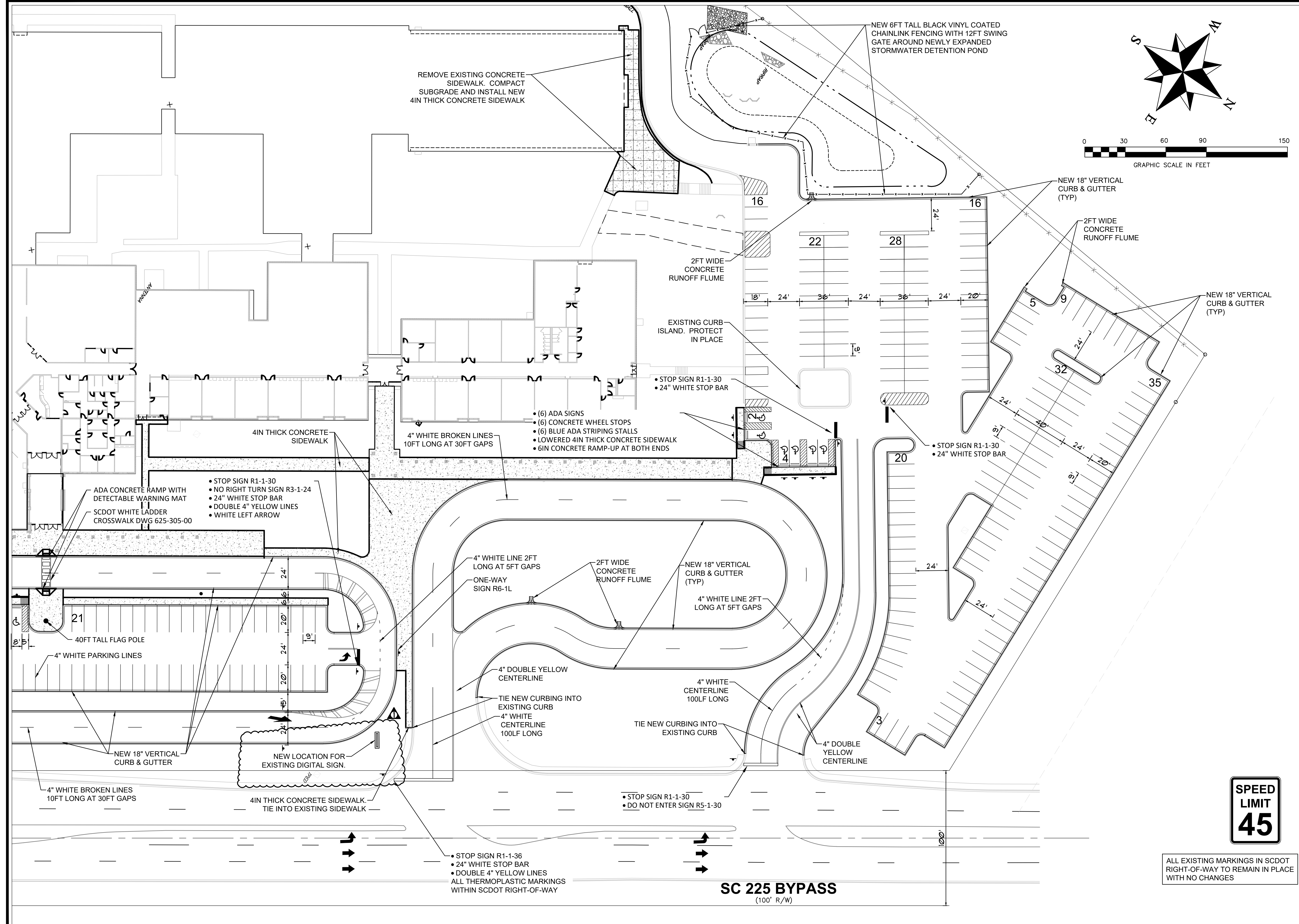
DATE: APR 3, 2023

SHEET TITLE:

SITE PLAN
AREA 2

SHEET NO:

C204



ALL EXISTING MARKINGS IN SCDOT RIGHT-OF-WAY TO REMAIN IN PLACE WITH NO CHANGES