

Project: FLORENCE COUNTY EMS
[BID NO. 31-14/15]

Addendum No.: ONE

Date: June 10, 2015

THE FOLLOWING INFORMATION SHALL BE ADDED TO THE CONTRACT DOCUMENTS:

A. GENERAL

1. Specification section 08210, Wood Doors has been added – see attached (6 pages)
2. Refer to Project Manual, Section 10160, Toilet Partitions.
 - a. Subparagraph 2.1 D
 - 1). Accurate Partitions Corp. is approved as a manufacturer of equivalent partitions.
 - 2). Columbia Partitions is approved as a manufacturer of equivalent partitions.
3. Refer to Project Manual, Section 10200, Metal Louvers.
 - a. Subparagraph 2.1 B
 - 1). American Warming and Ventilating is approved as a manufacturer of equivalent metal louvers.
 - 2). Reliable Products is approved as a manufacturer of equivalent metal louvers.
4. Refer to Project Manual, Section 10730, Aluminum Covers.
 - a. Subparagraph 2.01 A
 - 1). Ballews Aluminum is approved as a manufacturer of equivalent aluminum covers (canopies).
 - 2). Mitchell Metals is approved as a manufacturer of equivalent aluminum covers (canopies).
5. Refer to Project Manual, Section 10800, Toilet Accessories.
 - a. Subparagraph 2.1 D

- 1). Accurate Partitions Corp. is approved as a manufacturer of equivalent accessories.

B. ARCHITECTURAL

1. Refer to sheet A0.1, Architectural Site Plan and specification section 02825, Chain Link Fence System.
 - a. Fence height shall be 7 feet with extended uprights (sloped) with barbed top.
 - b. Section 2.2, Fabric, subparagraph C, Steel Fabric:
 - 1). Size: 2 inch mesh
 - c. See attached for Slide Gate Operator
 - 1). Ameristar Gate Systems, 9000 AGS (½ hp)
 - 2). Linear, SLC-2 (½ hp)
 - 3). Others as approved by architect.
2. Refer to Floor Plan and Wall Sections.
 - a. Provide expansion material and caulk where building slab and exterior concrete abut.
3. See revised drawings dated 6/10/15:
 - a. A1.0, Floor Plan
 - b. A2.0, Exterior Elevations
 - c. A4.1, Wall Sections
4. Refer to Sheet A9.0, Millwork Elevations. Revised millwork elevations 7 and 8 at Kitchen 103 are attached. See Supplemental Drawing SD-1.
5. Refer to Project Manual, Section 133419, Metal Building Systems.
 - a. Metal Roof Panels. Subparagraph 2.4.
 - 1). Basis of design is Mesco 24 inch Double-lok panel as indicated on drawings.

C. STRUCTURAL

1. See attached supplemental drawing, s1.0 – Structural Loads Modification dated 6/10/15 from structural engineer, Derrick Structural Engineering (1 page)

D. MECHANICAL

1. The following are approved equal manufacturers:
 - a. POTTORFF – dampers
 - b. TWIN CITY – exhaust fans

E. ELECTRICAL

1. The attached “Lighting Prior Approval” submittals are approved as noted by the electrical engineer, Optima Engineering (4 pages).

END OF ADDENDUM No. 1

SECTION 08210 - WOOD DOORS

PART 1 – GENERAL

1.1 WORK INCLUDED

- A. Furnish all labor, material and plant facilities for Solid Stave Lumber core Doors and Fire Rated Doors. Finish, hardware preparation, and integral door accessories are included in this specification.

1.2 APPLICABLE PUBLICATIONS

- A. American Society for Testing and Materials Publications:

- 1. E-152 Fire Tests of Door Assemblies

- B. Architectural Woodwork Institute Standards

- 1. "Quality Standards", Section 01300.

- C. Factory Mutual (FM):

- 1. Loss Prevention Data Sheets (current editions).
 - 2. Approval Guide (current edition).

- D. National Woodwork Manufacturers Association (NWMA) Publications:

- 1. I. S. 1-78 Industry Standard for Wood Flush Doors

- E. Underwriters' Laboratories, Inc. (UL) Publication:

- 1. Building Materials Directory (1979)
 - 2. Procedure Manual for Fire Door Construction

1.3 QUALITY ASSURANCE

- A. Performance Standards:

- 1. Wood doors shall comply with AWI quality standard: "Architectural Woodwork Quality Standards"; including Section 1300 "Architectural Flush Doors", of Architectural Woodwork Institute (AWI) for grade of door, core construction, finish and other requirements exceeding those of NWWDA quality standard.
 - 2. Fire-Rated Wood Doors: Comply with the requirements of Underwriters' Laboratories for the rating indicated; all rated doors shall bear a UL or equivalent approval label.
 - 3. Stiles and Rails: Two-ply hardwood material providing minimum 500 pound screw withdrawal force, and minimum 300,000 slam cycles without failure.
 - 4. Provide NWMA Industry Standard 1.S.1 "Wood Flush Doors". Factory mark each door with NWMA "Quality Certified" Seal of Approval.

- B. Requirements of Regulatory Agencies:

- 1. Rated Construction: Wherever a fire-resistance classification (4-hr., 3-hr., and similar designation) are shown scheduled or required, provide materials which have been tested and listed by building code rating authority for rated construction assembly.

2. Fire-Rated Wood Doors: Where fire-resistance classifications are shown or scheduled for wood door assemblies, provide doors which comply with the requirements of NFPA No. 80 "Standards for Fire Doors and Windows" and UL label on each door and panel. Fire doors and frames to be approved by Factory Mutual.
3. Non-Fire Rated Flush Wood Doors: Provide NWMA Industry Standard I.S.1 "Wood Flush Doors". Factory mark each door with NWMA "Quality Certified" Seal of Approval.

C. Quality Control:

1. Wood doors and related items, glazing trim, etc., shall be obtained from one manufacturer or source to insure quality control, matching color, pattern, texture, etc.
2. After site or project standards have been established, source of material shall not change unless contractor will certify that these items are of same manufacturer, lot number, color and texture as those items approved as standard.

1.4 SUBMITTALS

- A. Shop Drawings: Shop drawings, catalog cuts, or descriptive material showing each type of door unit shall be submitted before work is started. Drawings and cuts shall indicate sizes, thickness, construction, methods of assembly, glazing, and operating hardware as specified herein, and all other necessary information.

1. Include schedules listing each door noting sizes, numbers, type, location, frames, finishes and hardware coordination sets provided by others.
2. Clearly note the fire rated doors and their ratings.

B. Samples:

1. Samples and Color Selection: Submit samples showing face veneers and finish of doors. For pre-finished doors, door supplier shall provide the Architect with standard range of stain samples for approval prior to fabrication of doors.

C. Notarized Certificates of Compliance:

	<u>Item No.</u>	<u>Description</u>	<u>Standard</u>
1.	C-1	Solid Core door	NWMA IS-1 and AWI Type AA core
2.	C-2	Fire ratings	UL or equal

- D. Submit copies of written guarantee in door manufacturer's standard form signed by the manufacturer, installer, and Contractor.

- E. Manufacturer's Data: For information only, submit copies of manufacturer's material and fabrication specifications and installation instructions modified to reflect project requirements and job conditions. Include instructions for handling, storage, and protection of each product.

1.5 DELIVERY AND STORAGE

- A. Doors shall be delivered to the site in an undamaged condition and shall be protected against damage and dampness. They shall be stored under cover in a well-ventilated building and shall not be exposed to extreme changes of temperature and humidity. They shall not be stored in a building under construction until concrete and masonry work is dry. Defective or damaged doors shall be replaced.

- B. Grade Marking and Labeling: Each door shall be marked with a stamp, brand, or label in accordance with the requirements of the applicable referenced publication or standard.
- C. Factory Sealing: Before shipment, the top and bottom edges of doors shall be sealed with spar varnish or other approved water-resistant sealer standard with the manufacturer.
- D. Deliver materials to the site ready for use in the approved manufacturer's original unopened containers and packaging, bearing labels as to type, and brand. Delivered materials shall be identical with approved samples. Fire classified labels shall be intact and visible.
- E. Store materials under cover in a dry and clean location, off the ground. Remove materials that are damaged or otherwise not suitable for installation and replace with acceptable materials.
- F. Deliver doors to the site packaged in cartons and bearing labels as to type, location, and manufacturer's name. Doors shall not be delivered to the job until building is dry and completely closed-in ready to receive them or suitable storage space can be provided. If not erected immediately after delivery they shall be stored flat on a raised platform.
- G. Protect wood doors during transit storage and handling to prevent damage, soiling and deterioration. Comply with manufacturer's instructions and the "On-Site-Care" requirements of NWMA pamphlet "Care and Finishing of Wood Doors".

1.6 GUARANTEE

- A. Door manufacturer shall furnish for approval, written guarantee that the doors are free from manufacturing defects, and are of first quality and workmanship. Guarantee to be subject to the provisions of the "Standard Door Guarantee" of the National Woodwork Manufacturers Association. Wet type finishes shall be guaranteed as to quality and workmanship.
- B. Guarantees: Submit copies of written agreement in door manufacturer's standard form signed by the Manufacturer, Installer and Contractor, agreeing to repair or replace any defective doors that have warped (bow, cup or twist) or that show telegraphing of core construction in face veneers, or do not conform to tolerance limitations of referenced quality standards. The guarantee shall also include refinishing and reinstallation that may be required due to repair or replacement of defective doors. Such repair or replacement shall be at no cost to the Owner.
 - 1. Guarantee period shall be five (5) years.

PART 2 - PRODUCTS

2.1 MATERIALS AND CONSTRUCTION

- A. General: Provide wood doors complying with the applicable requirements of NWMA I.S.1.1 for kinds and types of doors indicated and as specified.
 - 1. Face Panels: Manufacturer's rotary cut birch veneer of type indicated, unless otherwise specified.
 - 2. Exposed Surfaces: Provide the kind shown or scheduled and as further specified. Provide same exposed surface material on both faces of each door, unless otherwise indicated.

2.2 WOOD FACED INTERIOR DOORS

- A. Interior Flush Solid Core Wood Doors:

1. Interior flush doors shall be particle core, Type II flush doors conforming to NWMA I.S.1. Doors shall have premium grade face veneers; rotary cut solid core birch, stain-grade finish. Stile edge bands of doors to receive natural finish shall be of the same species and color as the face veneers; finger-jointed edge bands will not be permitted.
 - a. Manufacturers:
 - (1) Algoma Hardwoods, Inc
 - (2) Marshfield
 - (3) Mohawk Flush Doors, Inc.
 - (4) Southwood
 - (5) VT Industries
 - (6) Others approved by Architect

2.3 FABRICATION

- A. Maximum allowable warp and twist in doors shall be 1/16", as measured by a 1/16" feeler gauge and a straight edge extending from corner to corner of the door face at stiles, top and bottom rails, and along both diagonals.
- B. Pre-fitting: Doors shall be completely sized and machined at the factory by the door manufacturer. The work shall include sizing, beveling edges, mortising, and drilling for all hardware and providing all necessary openings for glass. Take proper precautions to see that cutouts are sealed against moisture penetration.
 1. Pre-fit and pre-machine wood doors at factory and reinforce internally as required. Through bolting of hardware will not be permitted.
 2. Comply with tolerance requirements of NWMA for pre-fitting. Machine doors for hardware requiring cutting of doors. Comply with final hardware schedules and doorframe shop drawings and with hardware templates and other essential information required to ensure proper fit of doors and hardware.
 - a. Take accurate field measurements of hardware mortises in metal frames to verify dimensions and alignment before proceeding with machining in factory.
 - b. Provide clearances of 1/8 inch at jambs and heads, and 1/2 inch from bottom of door to top of decorative floor finish or covering. Where threshold is shown or scheduled, provide 1/4-inch clearance from bottom of door to top of threshold.
 - c. Bevel doors 1/8 inch in 2 inches at lock and hinge edges.
- C. Unless field cutting is authorized by the Architect in writing, all openings in doors other than for incidental hardware shall be cut at the factory and trimmed as shown on the drawings. Molding and trim shall match face veneer.
 1. Lite and View Panel Openings: At fire rated doors, trim openings (as required to maintain overall fire rating) for installation of appropriate fire rated metal frame.
 2. Door Louvers: Factory install louvers in prepared openings. Door louver size, type and profile shall be as shown on drawings and louver shall be fabricated from 16 gauge (0.0635") mill finished aluminum.
 3. Metal Astragals: Pre-machined astragals and formed steel edges for hardware where required for pairs of fire-rated doors.

2.4 FACTORY PRE-FINISHED

- A. All interior doors shall be factory pre-finished on faces, details, stiles and rails. Finish shall be a four-coat lacquer equal to AWI System #1, Premium Grade.

- B. Comply with referenced AWI quality standard including Section 1500 "Factory Finishing."
- C. Transparent Finish: Comply with requirements indicated for grade, finish system, staining effect and sheen.
 - 1. AWI Grade: Premium
 - 2. Finish: Manufacturer's standard finish with performance comparable to either AWI System #2 catalyzed lacquer or AWI System #3 alkyd urea conversion varnish.
 - 3. Staining: Match approved sample color.
 - 4. Effect: Open grain finish.
 - 5. Sheen: Satin-medium rubbed effect.
- D. All wood doors shall be individually wrapped in poly bags for delivery to project site.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Condition doors to average prevailing humidity in installation area prior to hanging.
- B. Factory Pre-fitting: Fit to frames and machine for hardware to whatever extent not previously worked at factory as required for proper fit and uniform clearance at each edge.
- C. Job Site Finished Doors: Prepare doors per Section 06200 for finishing per Section 09900.
- D. Examination: Examine the areas and conditions under which work is to be performed. Notify in writing of conditions detrimental to proper and timely completion of work. Do not proceed with Work until unsatisfactory conditions have been corrected. Commencement of work shall constitute acceptance of substrate conditions.

3.2 INSTALLATION

- A. Condition doors to average prevailing humidity in installation area prior to hanging.
- B. Manufacturer's Instructions: Install wood doors in accordance with manufacturer's instructions and as shown.
- C. Installation of Doors:
 - 1. Initial inspection: Prior to installation inspect and verify that each door is sound, unblemished, and without defects.
 - 2. Handling: Carry wood doors, DO NOT DRAG THEM. Use extreme care in handling to prevent damage.
- D. Planing: Where door must be planed to fit to door frame, remove equal amounts from both stiles rather than all from one stile, where amount to be removed exceeds 1/16".
- E. Door Edges: Slightly round all door edges with fine sandpaper to eliminate sharp corners.

3.3 ADJUST AND CLEAN

- A. Operation: Re-hang and replace doors that do not swing or operate freely, as directed by the Architect.
- B. Job-Finished Doors: Refinish or replace doors damaged during installation, as directed by the Architect.
- C. Protection of Completed Work: Protect installed wood doors from damage and deterioration until acceptance of the Work.
- D. Cleaning: Upon completion, clean installation as recommended by manufacturer.

END OF SECTION 08210



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9000AGS VEHICULAR SLIDE GATE OPERATOR



entrapment

detection system reverses gate
when obstruction is detected



easy to use

"T-Handle" release



built in

power switch and reset switch



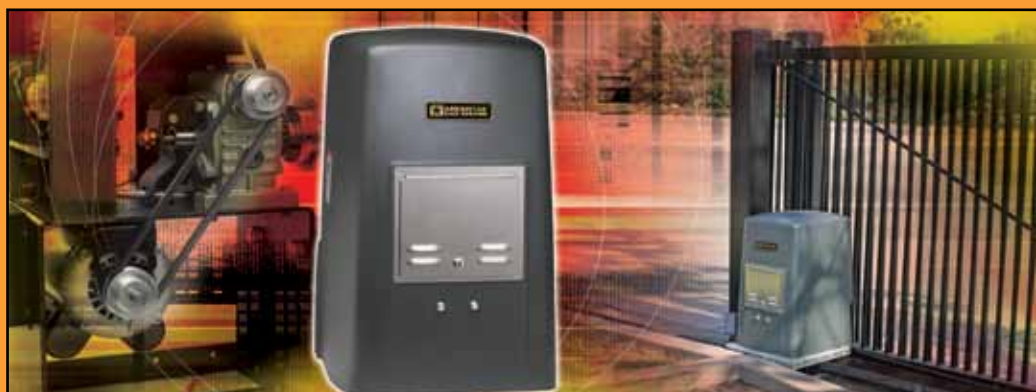
adjustable

partial open feature allows
different opening distances for
different type vehicles

- Steel frame provides strength and quiet operation
- Direct driven limit nuts for precise gate limit control
- Easy to use manual T-handle release
- Advanced microprocessor control board with programming switches and ports for open and reverse plug-in loop detectors
- Anti-tailgating feature
- Simple bi-parting gate interface
- Built-in power switch and alarm reset switch
- Two 115 VAC convenience outlets
- 5-year limited warranty

FEATURES

ACCESS CONTROL SOLUTIONS



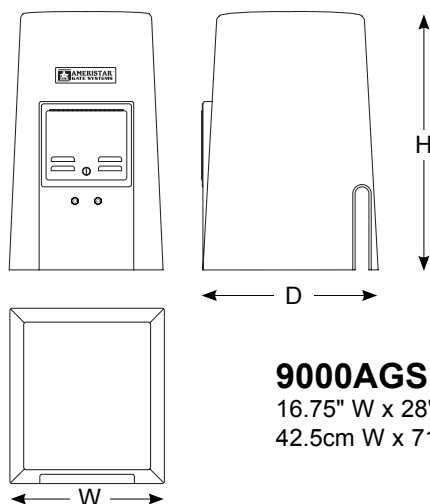


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9000AGS 1/2 and 1 HP

16.75" W x 28" H x 19" D

42.5cm W x 71cm H x 48.3cm D

9000AGS 1/2 HP Specs

Class of operation	Max Gate Length *	Max Gate Weight *	HP	Power
I, II, III, IV (10.7 m)	35 Ft (453.6 kg)	1000 Lbs. continuous duty	1/2 HP 60 cycles/hr 208 VAC, 60 Hz, 2.7A** 460 VAC, 60 Hz, 1.4A**	115 VAC, 60 Hz, 5.4A 230 VAC, 60 Hz, 2.7A**

9000AGS 1 HP Specs

Class of operation	Max Gate Length *	Max Gate Weight *	HP	Power
I, II, III, IV (10.7 m)	35 Ft (680.3 kg)	1500 Lbs. continuous duty	1HP 60 cycles/hr 230 VAC 1 ϕ , 60 Hz, 4.9A	115 VAC, 60 Hz, 9.7A 208 VAC 1 ϕ , 60 Hz, 5.0A

* Assumes gate to be in good condition and must be on a level surface.

** These operators use a step-down transformer, to achieve 115 VAC operating voltage.

General Specs

Mechanical

Frame: 3/16 steel, corrosion protected

Cover: 1/4 inch polyethylene

Reduction: belt driven 10:1 gear reduction running in a continuous oil bath

Speed: Approximately 1 ft/sec (30.5 cm/sec)

Chain: Unit is shipped with 20-ft of #40 roller chain

Manual Release

"T-Handle" release is easily accessible from front of operator

Operator re-connects automatically when handle is released

Safety

External obstruction sensing devices must be used with this operator

Advanced Features

Adjustable partial open limit

Direct driven limit nuts for precise gate control

Auto-close timer 1-30 seconds

Selectable loop/reverse input function; stop or reverse

Anti-tailgating feature helps to control un-authorized traffic

Standard normally closed stop circuit

Ports for plug-in open and reverse loop detectors – AGS detectors only

Gate Tracker reporting output provides operator data to AGS access control system

Convenience outlets for accessory transformers

Options Available

Nickel plated chain, Stainless steel chain

Plug-in loop detectors

Heater kit for cold environments

Base plate to post mount (posts not included)

Fail-secure keyed release

Operating Temp

10°F to 140°F

-12°C to 62°C

Heater kit available for colder environments

Shipping Weight

Approximately 130-150 lbs (31.8 kg)

Warranty

5-year limited factory warranty

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SLC COMMERCIAL

- 1/2 or 1 HP continuous-duty PSC motor
- 115 VAC or 230 VAC single phase

SLD COMMERCIAL/RESIDENTIAL

- DC-powered battery back-up with advanced soft start/ soft stop motor control
- Full-time 1/2 HP DC motor
- Selectable fail-safe or fail-secure modes of operation
- Solar power capable

SLR RESIDENTIAL

- 1/2 HP PSC motor
- 115 VAC or 230 VAC single phase

COMMON FEATURES

- Black UV Stabilized polyethylene cover
- Reliable chain drive
- Pad mount standard; post mount optional
- Exterior reset button
- UL325/UL991 compliant APeX controller
- Manual disconnect
- Fully integrated radio receiver

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All Models ETL Listed;
UL325 Compliant



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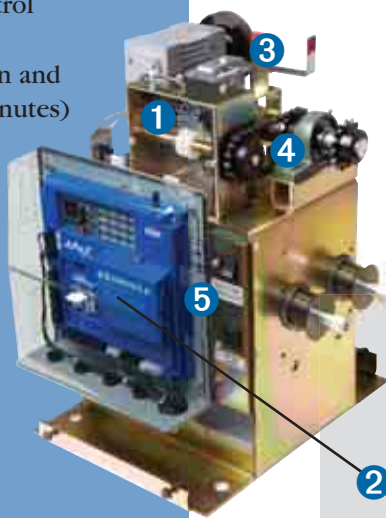
ELECTRICAL

- Integral entrapment sensing system with digital set point for quick accurate adjustment and enhanced safety
- Continuous-tone entrapment alarm with reset button
- Integrated programmable warning beeper during gate movement
- LED diagnostic display for ease of setup and troubleshooting
- Selectable pre-start alarm with provision for ADA compliant vis pre-start and run alarm
- Regulated 24 Volt DC power available for access control accessories
- Integrated maximum run and auto close timer (0-9 minutes)
- Built-in networked dual gate capability using 3-wire shielded cable

MECHANICAL

- Heavy-duty, zinc-plated, steel chassis
- Easy-to-operate emergency manual disconnect handle
- 1/2 HP #41 chain, 1 HP #40 chain - 31' included
- Universal pad mount standard; optional post mount kit

SL SERIES SLIDE GATE OPERATOR SPECIFICATIONS								
Model		HP	Voltage (Single Phase)	Drive Type	Maximum Gate Length	Maximum Gate Weight	Gate Speed	Maximum Cycles
SLC	SLC-2	1 / 2	115 or 230 V	#41 chain	37'	1000 lbs	11"/sec	continuous duty
	SLC-4	1	115 or 230 V	#40 chain	45'	2000 lbs	11"/sec	continuous duty
SLD	SLD-211	1/2	115V 24 VDC battery backup (solar charger optional)	#41 chain	40'	1000 lbs	12"/sec	continuous duty
SLR	SLR-211	1/2	115 V	#41 chain	25'	500 lbs	11"/sec	150/day
	SLR-221	1/2	230 V	#41 chain	25'	500 lbs	11"/sec	150/day



- ① Rotary Mechanical Limits**
Easy access inside control box

- ② APeX Controls**
- UL325/UL991 compliant 24 VDC control module
 - Full featured for access control, security, and entrapment protection

- ③ Manual Disconnect**
- Simple and secure manual operation during power failure or emergency
 - Optional remote cable kit for outside-the-gate access

- ④ Heavy-Duty Components**
Gear reducer and pillow block bearing for smooth, reliable, quiet power transmission

- ⑤ Standard Convenience Features**
- Exterior reset button
 - Power on/off button
 - Accessory power outlet on 115 V machines
 - Integrated 3-button station

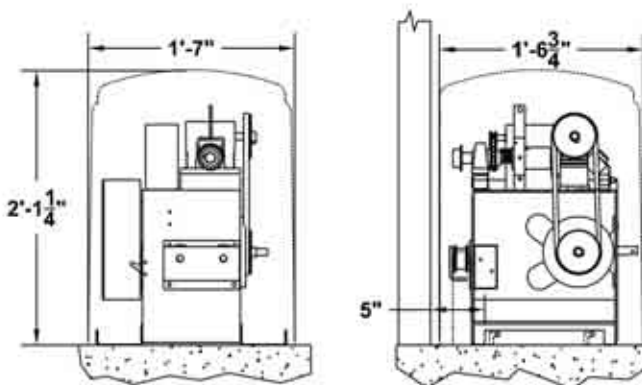
- Includes APeX Controller with integrated radio receiver, plug-in loop detector capability, surge protection, and easy to read labeling standard.

CAUTIONS



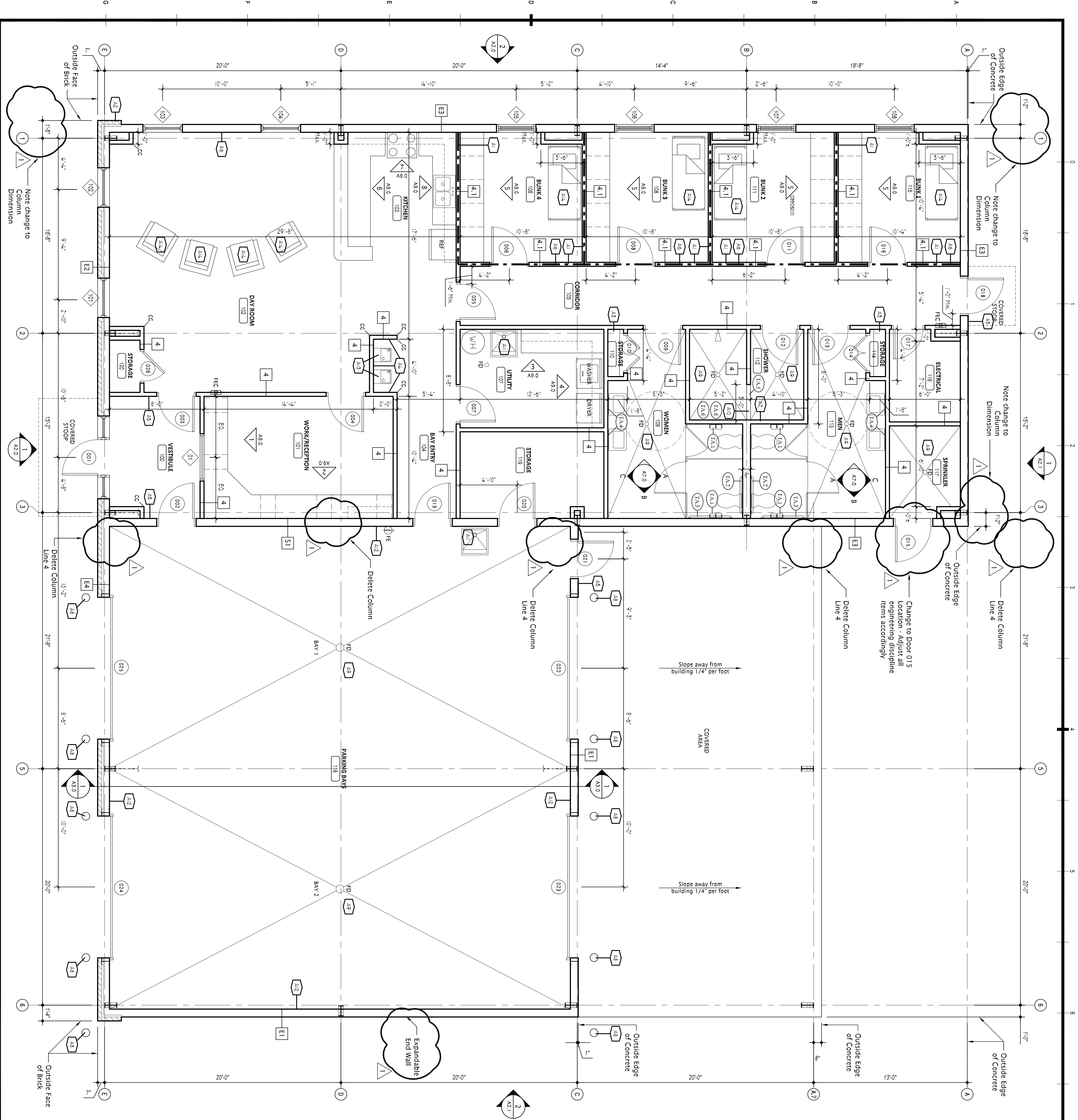
- Automatic gates not for pedestrians
- Automatic gate operators designed for vehicular traffic only; operators are powerful and can cause serious injury or death; **DIRECT ALL PEDESTRIAN TRAFFIC TO SEPARATE PEDESTRIAN GATE**
- UL325 requires use of contact or non-contact anti-entrapment devices
- ASTM F2200 requires that all exposed rollers are covered

Dimensions



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CONSTRUCTION NOTES:

- A1) PROVIDE SOUND ATTENUATION BATT INSULATION FULL HEIGHT OF WALL
- A2) PROVIDE KNOX-BOX® RAPID ENTRY SYSTEM, 3200 SERIES w/ RECESSED MOUNTING KIT. FINAL LOCATION TO BE DETERMINED IN THE FIELD PRIOR TO INSTALLATION.
- A3) SHELVING: PROVIDE 4" ROWS 12" DEEP, 3/4" YELLOW PINE SHELF AT 18" VERTICAL SPACING ON EQLABS. 8" VOST NO. 80 SLOTTED STAIRBARS AND NO. 180 SLOT BRACKET (OR APPROVED EQLABS). G.C. TO PROVIDE BLOCKING IN WALLS AS REQUIRED FOR SUPPORT.
- A4) PROVIDE ACROVY HIGH-IMPACT PROTECTIVE WALL COVERING ON WALL BEHIND EMC AND ON WALLS ON EITHER SIDE OF EMC (PROVIDE FROM TOP OF SCHEDULED BASE TO 7'-0" ABOVE FINISHED FLOOR)
- A5) PROVIDE KEYPAD ENTRY AT THE DOOR (COORDINATE WITH ELECTRICAL SUBCONTRACTOR)
- A6) PROVIDE BLOCKING IN WALLS AS NECESSARY FOR MOUNTING OF TV, COORDINATE LOCATION WITH ELECTRICAL FOR POWER AND DATA
- A7) PROVIDE HOSE BIB. REFER TO PLUMBING (COORDINATE LOCATION WITH ARCHITECT IN THE FIELD PRIOR TO PLUMBING ROUGH-IN)
- A8) 6" CONCRETE FILLED PIPE BOLLARD. REFER TO STRUCTURAL FOR FURTHER INFORMATION
- A9) SLOPE FLOOR TO FLOOR DRAIN AS SHOWN
- A10) 6" HIGH CURB AT SHOWER
- A11) UTILITY SINK, REFER TO PLUMBING
- A12) PRE-FINISHED METAL PANELS BY METAL BUILDING SUPPLIER (REFER TO BUILDING SECTION ON SHEET A3.0 AND ROOM FINISH SCHEDULE ON SHEET A7.0 FOR FURTHER INFORMATION)
- A13) H/L/O WATER COOLER, REFER TO PLUMBING FOR FURTHER INFORMATION
- A14) FURNITURE BY OWNER

GENERAL CONSTRUCTION NOTES:

- 01.) All Electrical Outlets at Knee Spaces shall be located below the countertop height and grommets shall be provided in countertops to access outlets.
- 02.) Refrigerator at Kitchen 103 - OFOI (Owner Furnished/ Owner Installed); coordinate water supply and electrical (Refer to Plumbing and Electrical Drawings).
- 03.) Provide semi-recessed Fire Extinguisher & Cabinet where designated by FEC.
- 04.) Provide corner guards where indicated by 'CG' on the Floor Plan. Corner guards shall be designed a height to cover the corner from the top of base to 7'-0" above finished floor (A.I. F.).
- 05.) Coordinate electrical outlet with Microwave shelf in Kitchen 103.
- 06.) Refer to Dimension Conventions on Sheet A0.0-1 for information concerning dimensioning.
- 07.) Refer to A6.0 RCP for areas to receive Sound Attenuation Batt Insulation above Suspended Acoustical Tile Ceiling.
- 08.) Provide floor drains where indicated by 'FD' on the Floor Plan. Refer to Plumbing Plans for further information.
- 09.) Washer & Dryer at Utility 107 - OFOI (Owner Furnished; Owner Installed); coordinate water supply, electrical, and venting (Refer to Plumbing, Electrical, and Mechanical Drawings).

TOILET ACCESSORIES SCHEDULE:

- TA.1) TOILET TISSUE DISPENSER FOR TWO ROLLS: BOBERICK B-76867 (OR APPROVED EQLAB)
- TA.2) BACK: 1-1/2" Ø X 36" LONG STAINLESS STEEL GRAB BAR: BOBERICK B-6806456 (OR APPROVED EQLAB)
- TA.3) SIDE: HORIZONTAL: 1-1/2" Ø X 42" LONG STAINLESS STEEL GRAB BAR: BOBERICK B-6806442 (OR APPROVED EQLAB) SIDE: VERTICAL: 1-1/2" Ø X 18" LONG STAINLESS STEEL GRAB BAR: BOBERICK B-6806418 (OR APPROVED EQLAB)
- TA.4) 18" X 36" FRAMED MIRROR: BOBERICK B-290 1836 (OR APPROVED EQLAB)
- TA.5) SHOWER ACCESSORIES: BOBERICK B-207 X 36; BOBERICK 204-2; 8 BOBERICK 204-1
- TA.6) ROSE HOOK: BOBERICK B-216

* NOTE *
SEE SHEET A0.0-2 FOR WALL TYPES

BUILDING AREA:	
FIRST FLOOR:	3,366 SF
COVERED AREAS:	924 SF
TOTAL AREA:	4,290 SF

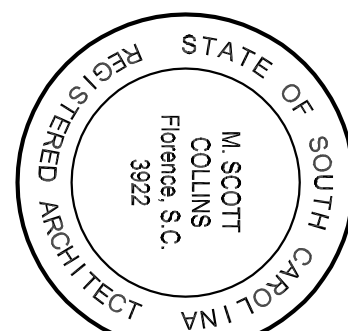
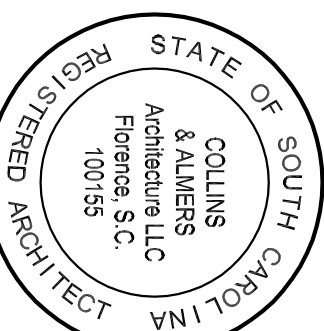
FLOOR PLAN

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



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843.292.9606

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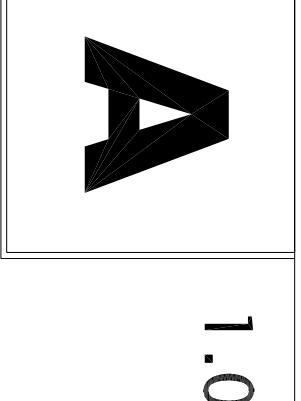


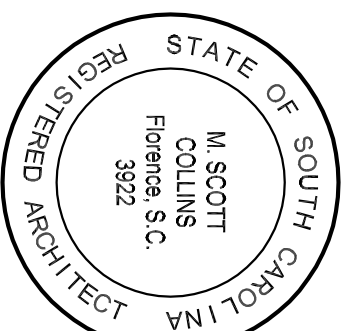
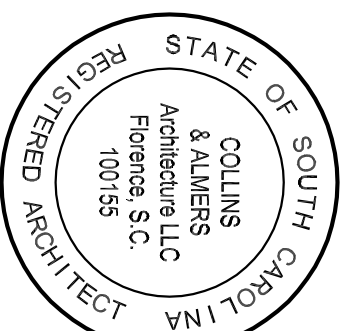
FLORENCE COUNTY SOUTH CAROLINA

EMS - NEW STATION
Sumter St.

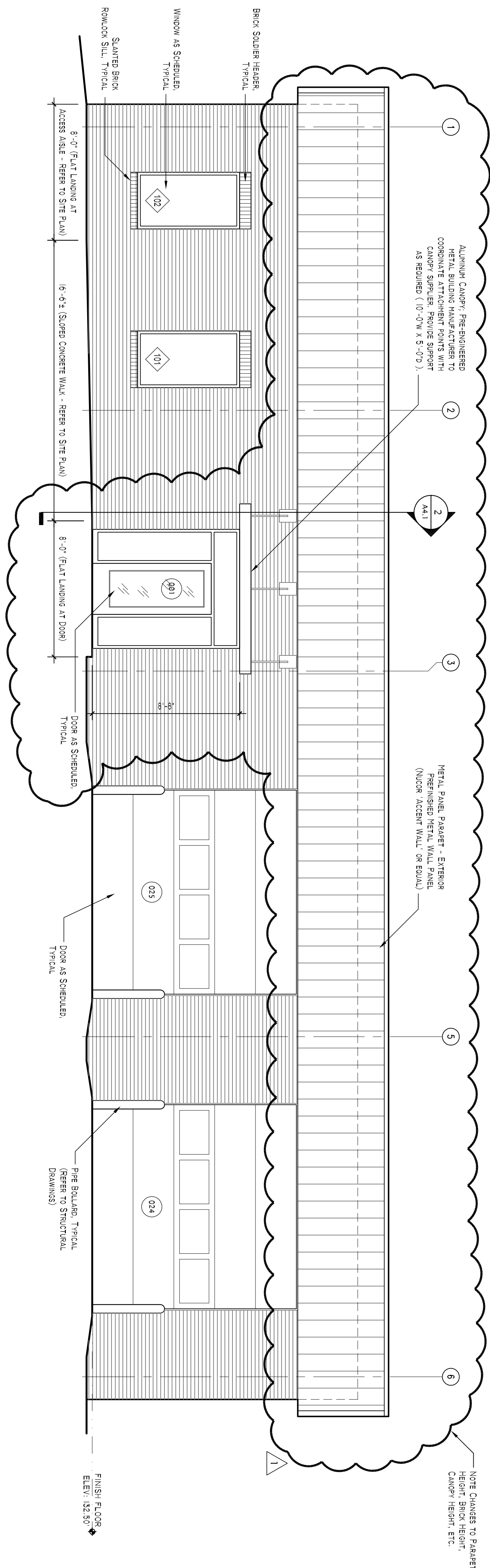
NO.	REVISION / ISSUE	DATE
1	REVIEW & BID SET	05.18.15
	ADDENDA #1	06.10.15

FLOOR PLAN	80602C - 11.15.16
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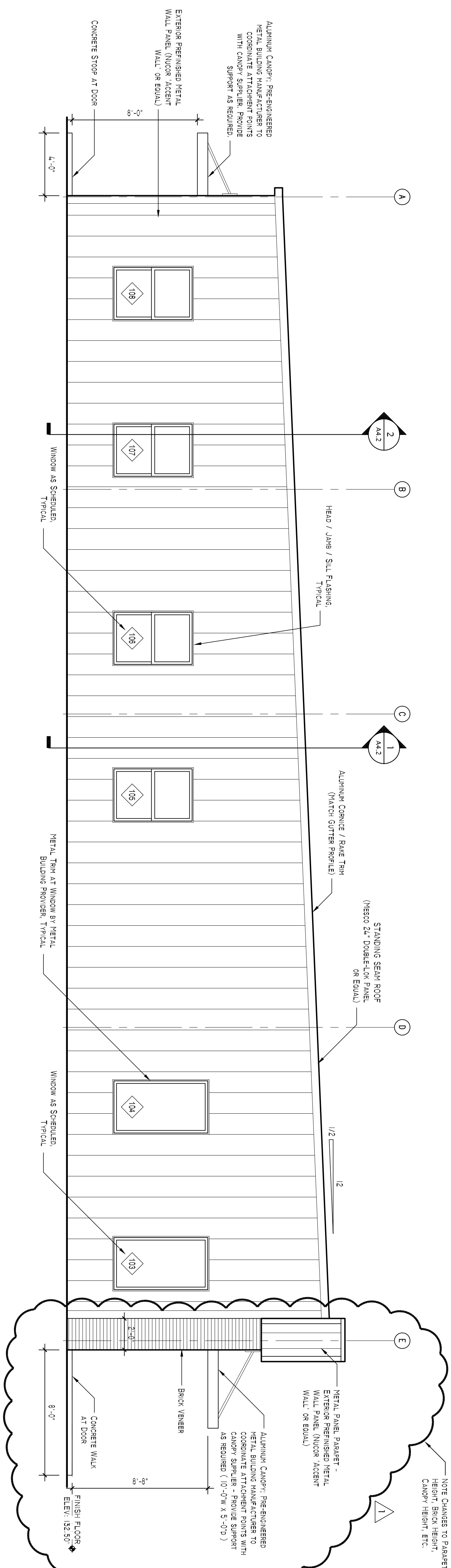


NO.	REVISION / ISSUE	DATE
	REVIEW & BID SET	05.18.15
1	ADDENDA #1	06.10.15



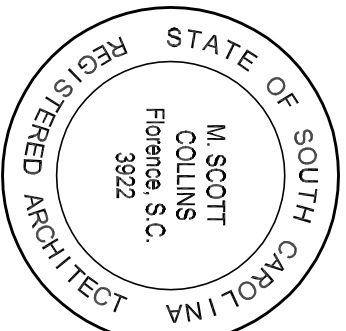
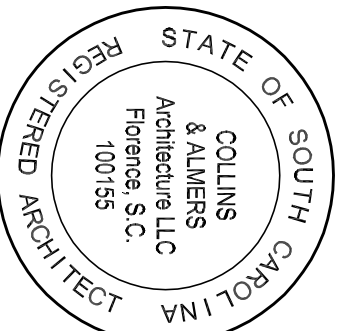
1 FRONT - SOUTH ELEVATION

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



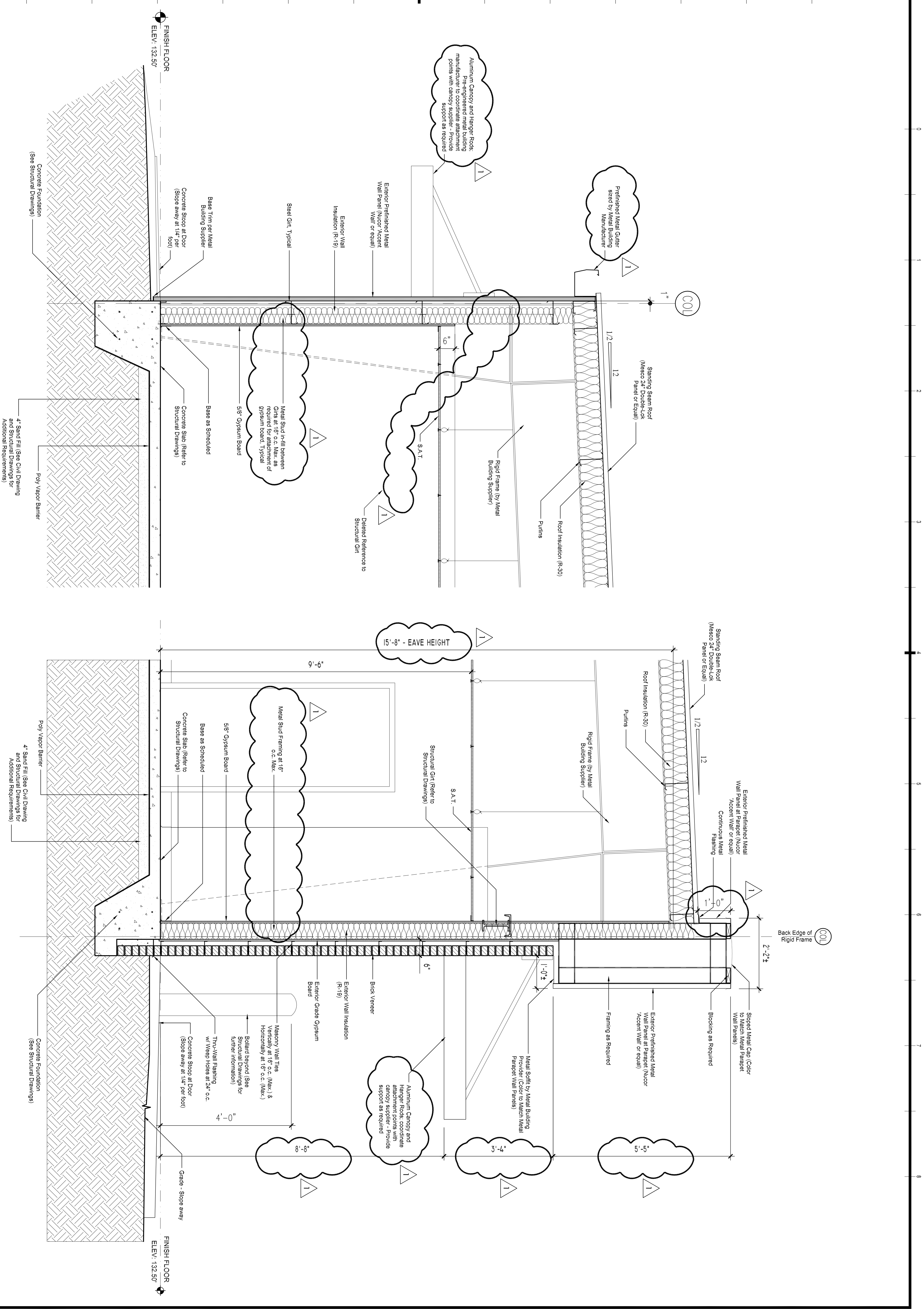
2 SIDE - WEST ELEVATION

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



NO.	REVISION / ISSUE	DATE
	REVIEW & BLD SET	05.18.15
1	ADDENDA #1	06.10.15

WALL SECTIONS



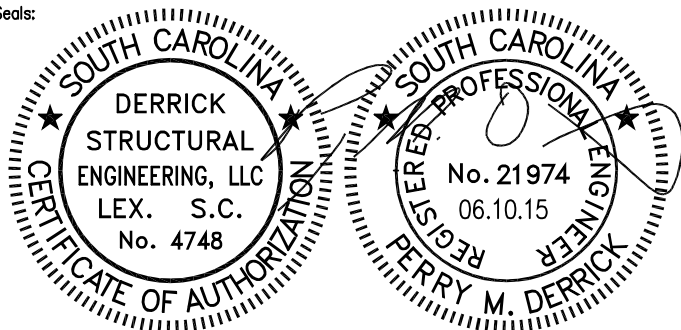
STRUCTURAL LOADS:

1. STRUCTURAL DESIGN BASED ON 2012 INTERNATIONAL BUILDING CODE.
2. DEAD LOADS: ACTUAL LOAD OF MATERIAL.
3. LIVE LOADS: HEAVY STORAGE = 250 PSF
4. SNOW LOAD: GROUND = 10 PSF
FLAT-ROOF = 10 PSF
5. WIND LOAD: ~~ULTIMATE DESIGN SPEED~~ = 145 MPH (FIGURE 1609 B)
WIND EXPOSURE = C
~~INTERNAL PRESSURE~~ COEFFICIENT = 0.18
6. SEISMIC LOAD: SEISMIC IMPORTANCE FACTOR = 1.50
OCCUPANCY CATEGORY = IV
S_s = 0.73 S₁ = 0.20
SDS = 0.59 SD₁ = 0.27
SEISMIC DESIGN CATEGORY = D
BASIC SEISMIC FORCE RESISTING SYSTEM =
MOMENT RESISTING FRAME
CS = BY METAL BLDG. SUPPLIER
R = BY METAL BLDG. SUPPLIER
ANALYSIS PROCEDURE = BY METAL BLDG. SUPPLIER
DESIGN BASE SHEAR = BY METAL BLDG. SUPPLIER

NOTE: PRE-ENGINEERED METAL BUILDING SYSTEM AND COMPONENTS
SHALL BE DESIGNED TO SUPPORT ALL MECHANICAL, ELECTRICAL, PLUMBING,
ETC. SYSTEMS SHOWN IN THE CONTRACT DOCUMENTS.

STRUCTURAL LOADS MODIFICATION

Seals:



DSE

Derrick Structural Engineering, LLC
3050 Two Notch Road
Lexington, SC 29072
803.218.8193
perry@derrickstructural.com

Project:

EMS - NEW STATION
Sumter St. - Florence, SC

Project No:
14.3.105
Date:
06.10.15

s1.0



Date: Jun 4, 2015

The Schneider Company
39A Pelham Davis Circle
Greenville SC 29615
Phone: (864) 675-9250
Fax: (864) 675-9640

Job Name
FLORENCE COUNTY EMS STATION
TSC15-26782
SUMTER ST, FLORENCE SC

**OPTIMA ENGINEERING, P.A.
SHOP DRAWING REVIEW**

REVIEW IS FOR GENERAL COMPLIANCE WITH THE
INTENT OF THE CONTRACT DOCUMENTS. PLUMBING
CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR
CORRECTNESS, DIMENSIONS, DETAILS, QUANTITIES
AND ALL COST ASSOCIATED WITH SUBSTITUTED
EQUIPMENT, INCLUDING ELECTRICAL CHANGES,
MAINTENANCE ACCESS, CLEARANCES, BUILDING
ALTERATIONS, PIPING, REPLACEMENT OF OTHER
SYSTEM COMPONENTS, ETC.

NO EXCEPTION TAKEN	X
APPROVED AS NOTED	
REVISE AND RESUBMIT	
REJECTED	

Reviewed By: jholcomb

Date: 06/08/2015

Bid Date
Jun 16, 2015

Submittal Date
Jun 4, 2015

Engineer:
OPTIMA ENGINEERING-CHARLOTTE,NC
1927 S. TRYON STREET
CHARLOTTE NC 28203

Architect:
COLLINS AND ALMERS ARCHITECTURE-FLORENCE
615 SOUTH COIT STREET
FLORENCE SC 29502

Date: Jun 4, 2015

Page 1/1



Transmittal

The Schneider Company
39A Pelham Davis Circle
Greenville SC 29615
Phone: (864) 675-9250 EXT 116
From: Debbie Parham

Project FLORENCE COUNTY EMS STATION
Quote# TSC15-26782
Location SUMTER ST, FLORENCE SC
To OPTIMA ENGINEERING
1927 S. TRYON STREET
#300
CHARLOTTE NC 28203
Contact: BRIAN THOMPSON

ATTACHED WE ARE SENDING YOU 1 COPIES OF THE FOLLOWING ITEMS:

- | | | |
|-----------------------------------|--|--------|
| ☐ Drawings | ☐ Specifications | Other: |
| ☐ Prints | ☐ Information | |
| ☐ Plans | ☒ Submittals | |

THESE ARE TRANSMITTED FOR:

- | | | |
|--|---|---------------------------------|
| ☒ Prior Approval | ☐ Resubmittal for Approval | ☐ Record |
| ☐ Approval | ☐ Corrections | Bids due on: |
| ☐ Approval as Submitted | ☐ Your Use | Other: |
| ☐ Approval as Noted | ☐ Review and Comment | |

Type	MFG	Part
OA	JUNO	DT-150PS-QT
EE1	EMERGI-LITE	OW-LUX-SD-CW
EX	EMERGI-LITE	ELXN400RN
EM	EMERGI-LITE	12PR50NC-2-MG



Date: Jun 5, 2015

CAL+D Charleston Office
1525 Sam Rittenberg Blvd.
Charleston SC 29407
Phone: (843) 225-1464
Fax: (864) 335-5066

Job Name
FLORENCE COUNTY EMS
CHAR15-28302
FLORENCE

**OPTIMA ENGINEERING, P.A.
SHOP DRAWING REVIEW**

REVIEW IS FOR GENERAL COMPLIANCE WITH THE INTENT OF THE CONTRACT DOCUMENTS. PLUMBING CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR CORRECTNESS, DIMENSIONS, DETAILS, QUANTITIES AND ALL COST ASSOCIATED WITH SUBSTITUTED EQUIPMENT, INCLUDING ELECTRICAL CHANGES, MAINTENANCE ACCESS, CLEARANCES, BUILDING ALTERATIONS, PIPING, REPLACEMENT OF OTHER SYSTEM COMPONENTS, ETC.

NO EXCEPTION TAKEN	
APPROVED AS NOTED	X
REVISE AND RESUBMIT	
REJECTED	

Reviewed By: jholcomb

Date: 06/08/2015

Bid Date
Jun 16, 2015

Submittal Date
Jun 5, 2015

1. Fixture A5 - Provide (1) 2-Lamp and (1) 1-Lamp Ballast per Light Fixture Schedule Note 4 (Sheet E0.5).
2. Fixture HB3 - Provide FS54835 Lamps and Wire Guard (WG)

Architect:
Out of Territory Architect

Date: Jun 5, 2015



Carolina
Architectural
Lighting and
Design

Page 1/1

Transmittal

CAL+D Charleston Office
1525 Sam Rittenberg Blvd.
Charleston SC 29407
Phone: (843) 225-1464
From: Drew Hamrick

Project FLORENCE COUNTY EMS
Quote# CHAR15-28302
Location FLORENCE
Contact:

ATTACHED WE ARE SENDING YOU 1 COPIES OF THE FOLLOWING ITEMS:

- | | | |
|-----------------------------------|---|--------|
| ☐ Drawings | ☐ Specifications | Other: |
| ☐ Prints | ☐ Information | |
| ☐ Plans | ☐ Submittals | |

THESE ARE TRANSMITTED FOR:

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| ☒ Prior Approval | ☐ Resubmittal for Approval | ☐ Record |
| ☐ Approval | ☐ Corrections | Bids due on: |
| ☐ Approval as Submitted | ☐ Your Use | Other: |
| ☐ Approval as Noted | ☐ Review and Comment | |

Type	MFG	Part
A1	Columbia	JT822-317G-FSA12125-3EPU
A2	Columbia	JT824-232G-FSA12125-EPU
A5	Columbia	JT824-332G-FSA12125-3EPU
S1	Columbia	CS4-232-EPU
HB3	Columbia	LHA4-654-WU-24EPU-LHVWG6-LHVTH
EE1	Dual-Lite	PGW
	Emergency LED Sconce, White Finish, Four long-life, 6350K, high-output LEDs configured in redundant pairs	