

Addendum Number 3, September 13, 2023

RE: Mobile Civic Center Parking Facility
Mobile, Alabama
C-085-22

FROM: Evan Terry Associates, LLC
One Perimeter Park South, Suite 200S
Birmingham, Alabama 35243

TO: All Planholders

This Addendum forms a part of and modifies the Construction Documents for the above project. Receipt of this Addendum shall be acknowledged in the submission of a proposal to the Owner. The Addendum will be issued to Registered Bidders.

This Addendum consists of additions to the existing contract documents dated June 30, 2022, as follows:

This Addendum consists of Forty Three (43) pages with attachments.

GENERAL

ITEM 01 Refer to the attached Prebid Agenda.

ITEM 02 Refer to the Prebid sign-in sheet.

CHANGES TO THE DRAWINGS

ITEM 01 Refer to the drawings and delete drawings F0.01, F2.01, F2.10, F2.20, F2.30, F2.40, F2.50 and F2.60. In lieu thereof, insert revised drawings F0.01, F2.01, F2.10, F2.20, F2.30, F2.40, F2.50 and F2.60, copies which are attached hereto.

CHANGES TO THE SPECIFICATIONS

ITEM 01 CHANGE FOR BID OPENING LOCATION AND TIME
Refer to the Specification section 0010 00 Paragraph 1.C and change to read “ Bids will be publicly opened and read at 3:00 PM local time, in Room 16 of the Mobile Civic Center located at 401 Civic Center Drive, Mobile, Alabama 36602.

ITEM 02 Refer to the specifications and add section 00 73 00 Supplementary Conditions, copy which is attached hereto.

ITEM 03 Refer to the specifications and delete section 21 04 55 Fire Protection System and insert revised section 21 04 55 Fire Protection System, copy which is attached hereto.

RESPONSE TO RFI's

ITEM 01 We would like to request a two-week Bid extension.

RESPONSE Bid Date and Time Remain Unchanged.

ITEM 02 Question regarding mobilization of the materials up to the various floors -Will moving equipment be allowed on the completed floor?

RESPONSE All structural members as shown have been designed to carry in place design loads only (40psf live load). The Contractor shall be responsible for the support of any loads or forces imposed during construction, transportation, erection and handling. The Contractor shall insure that the construction loads do not exceed the design loads indicated on the drawings and that these loads are not imposed on the structural members prior to the time that concrete reaches full specified design strength.

ITEM 03 Please find the following question for continuity and preparation of bid documents:

- a. Please confirm the physical address of the project. The invitation to bid, bid form and AIA 101 all have the same address but the AIA 201 and the AIA 701 have another.

RESPONSE The project address is 200 South Claiborne Street Mobile Alabama, 36602

- b. Please confirm the project name.
 - i. The invitation to bid, bid form, AIA 101 and AIA 201 all have the project name as Mobile Civic Center Parking Facility

RESPONSE The Project Names is Mobile Civic Center Parking Facility.

- ii. Section 01 10 00 Summary, 1.01 (A) has the project name as A New parking Deck for the City of Mobile

RESPONSE Refer to Section 01 10 00 Summary 1.01 (A) and change name to Mobile Civic Center Parking Facility.

- c. Please confirm the number of copies you require for our proposal submission.

RESPONSE Provide One Copy of the proposal.

ITEM 04 Drawing S1.00, Site and Foundation, Note 2; states "Pile Tip Elevation will be at (-) 60 Feet (below Finish Grade of (+) 13.0)". The specifications simply state "-60 G" but that could be interpreted pile length or tip elevation.

- a) Is this Tip Elevation at (-) 60 Feet RELATIVE TO Finish Grade of (+) 13.0 ?

- b) => diff of 73 FEET (Pile Length)

OR

- c) Is this Tip Elevation at (-) 60.0 BELOW THIS Finish Grade of (+) 13.0

=>

diff of 60 FEET (Pile Length) / Actual Tip Elevation of (-) 47.0 ?

RESPONSE Tip Elevation -73'.

ITEM 05 S2.61, Please clarify if there is a concrete wall or curb with barrier cables at the 6th level interior deck edge. S2.61, grid line C between 04 and 07, detail 10/S5.01, the detail shows both a 4' x 12" wall as well as a 6" curb with barrier cables.

RESPONSE 6" curb only – 4x12 is column beyond.

ITEM 06 Addendum 1, RFI Answer 1 states that there is no footing for the ramp retaining wall, and that the wall spans between pile caps. As the question being answered wasn't stated, we believe it was the answer to our question previously submitted of "Please provide continuous footing information for the retaining wall at the ramp section. Details 4/S5.01 and 5/S5.01 on S211 & S212 do not provide detailed information (reinforcing, etc)." As per the answer, the retaining wall does not require a footing and is going to span from pile cap to pile cap, then what is being represented in details 4/S5.01 and 5/S5.01 on S211 & S212 where the sections are being pulled from?

RESPONSE Pile cap beyond is being represented in detail 4/S5.01 and 5/S5.01.

ITEM 07 Is the Owner willing to work with the successful contractor to hold the notice to proceed to allow for procurement and fabrication time of the concrete pile prior to site mobilization, while still allowing the contractor a construction duration of 435 calendar days from notice to proceed? From numerous pile subcontractors, once under contract, we are hearing 3 weeks for shop drawings, then the shops approval process, and then anywhere from 4 to 8 weeks for fabrication, and then the test pile program can commence.

RESPONSE The Notice to Proceed will not be delayed.

ITEM 08 With the site limits taking over a lane on S. Claiborne Street, will road closures, barricades, signage, and permitting and the costs be handled by others prior to our arrival and erection of our site fencing?

RESPONSE The City of Mobile has closed the lane on South Claiborne Street. Work associated with the lane closure on South Claiborne Street is outside this contract scope. The city of Mobile will install concrete barrier rail along Claiborne Street for the watermain installation. The barrier rail will remain in place for this contract. The contractor may need to shift the barrier rail as needed for temporary chain link fencing and curb installation.

ITEM 09 Will the 16" watermain constructed by others in separate contract shown on C4.00 that runs through the site occur before our work will begin? It runs under area that we will be placing curb and sidewalk on.

RESPONSE **The 16" watermain installation is planned to be completed prior to the start of this contract. However, that cannot be guaranteed so the contractor should assume concurrent work with the watermain installation. The watermain contractor will be required to maintain site access for this contract.**

ITEM 10 Will there be any permitting fees or law enforcement officers required for traffic control for temporary lane closures on S. Claiborne so the curb work alongside the outer remaining lane can be done safely? Does the city require any specific barricade or signage types for lane closures?

RESPONSE **Permitting fees or law enforcement officers will not be required. See response to RFI 08.**

ITEM 11 Is the fire hydrant assembly at the water main on C4.00 a part of the scope of work of this contract, or will it be by others as part of the water main contract?

RESPONSE **The Fire Hydrant work shown on C4.00 is a part of the Parking Garage Project.**

ITEM 12 Is there a master traffic control plan available for review as it appears the sidewalk and watermain work along S Claiborne Street will continue beyond our site.

RESPONSE **Drawing C6.0 (Overall Site Utility Plan) and C7.1 (Traffic Control Plan) from the USACE waterline installation plan set is attached. These plans are for information purposes only and do not form a part of this contract.**

ITEM 13 E1.00 Electrical Site Plan shows locations of a Future Corp of Engineers Service Road, a Future Parking Deck Access Roads, and Future Connector Roads. Will any of this road work be occurring during the performance period of this contract? If so, when and what order will it occur?

RESPONSE **The roads questioned above will be constructed in the future after completion of the Parking Garage.**

ITEM 14 As the drawings reflect the alternate condition for Alternate 2 for the addition of elevators 5 & 6, if the alternate is not exercised, please provide a description of the base bid condition. (Will the elevator pit, equipment room and shaft exist in the base bid condition? Where will plumbing terminate in the base bid condition? Would the electrical requirements remain the same ready for connection?)

RESPONSE **The base bid included the Structural Shaft, Elevator Pit and Elevator Pit Drain. Include Masonry at door openings. The Alternate price will include the elevator complete, electrical, fire alarm and sprinkler.**

ITEM 14 Is the backside of the metal panel canopies to remain open structure exposed to view as depicted in 5A/A6.12 and 3/A6.16?

RESPONSE **The backside of the canopies is to be enclosed with metal panels and framing. Refer to revised 5A/A6.12 and 3/A6.16 copies which are attached hereto.**

ITEM 15 Are precast panel joints to be sealed both inside and outside?

RESPONSE **YES**

ITEM 16 Exterior elevations drawing notes on A5.22 - A5.24b call for “sealant and back rod at all vertical panel joints (typical)”. The elevations on A5.31 state “sealant and backer rod at all panel joints (typical)”. Please confirm all precast joints, including horizontal joints in the main facades, will receive sealant and backer rod.

RESPONSE **All horizontal and vertical joints in precast are to receive backer rod and sealant.**

ITEM 17 Has the transformer to be provided by Alabama Power already been ordered by Alabama Power, and what is the lead time on that item? We have seen up to two years on other projects depending on size.

RESPONSE **Alabama power has ordered the transformer. Contractor is to assume the transformer will be available for installation when required.**

ITEM 18 Spec Section 05 51 00 – Metal Stairs: Paragraph 2.01.B.1 states for the Jointing and Finish Quality Level to be Architectural. It appears that the stairs are service or commercial class stairs. Please confirm that the Architectural Finish is required.

RESPONSE **Refer to Specification Section 05 51 00 Metal Stairs Paragraph 2.01B.1 and change finish quality level to commercial. See attached Revised Specification.**

ITEM 19 S2.21, S2.31, S2.41, 2.51 and S2.61: Column lines A/01 to 03 and A/08 to 10 show barrier cables from Level 2 thru Level 6. The architectural drawings A2.21, A2.31, A2.41, A2.51 and A2.61 do not show barrier cables in these location. Please specify if the cables are to be in these locations.

RESPONSE **Barrier cables are not required at the location noted above.**

ITEM 20 S2.21: Column Line 10/A01 to B01 show barrier cables on Level 2. The architectural drawings A2.21 do not show barrier cables in this location. Please specify if the cables are to be in this location.

RESPONSE **Barrier cables are not required at the location noted above.**

ITEM 21 S2.22, S2.32, S2.42, 2.52 and S2.62: Column lines S/01 to 03 and S/08 to 10 show barrier cables from Level 2 thru Level 6. The architectural drawings A2.22, A2.32, A2.42, A2.52 and A2.62 do not show barrier cables in these locations. Please specify if the cables are to be in these locations.

RESPONSE **Barrier cables are not required at the location noted above.**

- ITEM 22 A2.22, A2.32, A2.42, A2.52 and A2.62: Column lines 01 (near Column Line J) has a barrier cable note from Level 2 thru Level 6 as Alternate 1. Please confirm that the barrier cable goes from Column Line B to Column Line R.
- RESPONSE Barrier cable required on floors 2, 3, 4, 5 and 6 between columns H and J under Alternate 1.**
- ITEM 23 A2.22, A2.32, A2.42, A2.52 and A2.62: Column line S (near Column Line 05) has a barrier cable note from Level 2 thru Level 6 as Alternate 1. Please confirm that the barrier cable goes from Column Line 03 to Column Line 08.
- RESPONSE Barrier cable required on floors 2, 3, 4, 5 and 6 between columns 5 and 6 under Alternate 1.**
- ITEM 24 Please provide a specification for the Barrier Cables.
- RESPONSE Barrier cables specification covered in drawings and Post Tensioning Specification**
- ITEM 25 Spec Section 07 21 19 – Foamed-In-Place Insulation states to use the foamed-in-place insulation in the masonry cavity walls. The masonry partition details on A3.00 do not show insulation in the masonry walls. The masonry details on S1.01 and S1.02 show the masonry to be filled with concrete or grout. Please specify where the foamed-in-place insulation is to be used.
- RESPONSE Foamed-in place insulation to be placed in all open cells at masonry walls.**
- ITEM 26 9/S5.02: Please provide a specification for the 1-1/2" Deep, 20ga, Galv, Type "B" Metal Roof Deck.
- RESPONSE Refer to the specifications and add section 05 31 00 Steel Deck, copy which is attached hereto.**
- Item 27 7/A7.16: Please confirm that top of the guardrail at the Cane Detection rail is to be 2" SQ Steel. The guardrails at the Stairs show 1-1/2" SQ Steel (detail 9/A7.16) and wanted to make sure they are to be two different sizes.
- RESPONSE Top of guardrail at cane detection rail is 2".**
- Item 28 A7.16: Per an AISC certified stair manufacturer, the 1" SQ Steel Supports is not sufficient in size. They recommend that the steel supports be changed to 1-1/2" SQ Steel.
- RESPONSE Change 1" square steel supports to 1 ½" square.**
- Item 29 Can the AISC certification for the Stairs (Spec 05 51 00 – Metal Stairs) and Stair Railings (Spec Section 05 52 13 – Pipe and Tube Railings) be waived? The Structural Steel (Spec Section 05 12 00 – Structural Steel Framing) does not require AISC certification.

RESPONSE **The AISC certification can be waived.**

Item 30 The CMU wall head detail on A3.00 shows angles at the head of wall, but then shows the space typically stuffed with insulation or gasketing material as having sealant and backer rod. Is this space to be filled with sealant?

RESPONSE **Apply sealant with backer rod and block perimeter.**

Item 30 210455 Fire Protection System, 1.1.A.1 calls for a dry standpipe system. F0.01 Dry Sprinkler System Notes begins with A. Wet sprinkler system design and installation, the goes on to list rooms. F0.01 Sprinkler Notes begins with 1. Provide a NFPA 13 compliant system to provide total coverage for the building. The Schematic of Fire Service Entry detail on F2.01 shows standpipes (dry by notes on the layout plans), but shows floor control assemblies (detail 9/F2.01) that are for wet pipe systems. Then “to sprinklers” from the floor control assemblies. Is the intent for the system to be a dry standpipe system plus a dry sprinkler system providing total coverage? Additionally, please confirm the rooms listed under the wet sprinkler system note referenced above are to be covered with a dry sprinkler system and a wet system is not utilized on the project.

RESPONSE **Detail 9 on sheet F2.01 has been deleted, floor control valve assemblies are not needed for dry systems in parking decks. There is no wet system in this project, only dry sprinklers covering the entire deck. The rooms listed in the sprinkler notes are for dry sprinkler spacing requirements.**

Item 31 Please provide a specification for Door Type C, Coiling Door, opening 117a as scheduled on A3.00 Door Schedule, which leads into Storage Room 114 on Level 1 Part B.

RESPONSE **Refer to the specifications and add section 08 33 23 Overhead coiling door, copy which is attached hereto.**

Item 32 014000 Quality Requirements 1.02.Related Requirements, A. states references to Section “012100 Allowances: Allowance for payment of testing services”. Furthermore, 0140001.07.A. States the testing will be by the Owner but goes on to reference the (testing) allowance in section 012100. There is no section 012100 Allowances. Please confirm there is no testing allowance forthcoming, and that testing and inspections are by the Owner.

RESPONSE **All costs for testing are the responsibility of the Owner.**

Item 33 F0.01, Sprinkler Notes #2 says 1-1/2” and smaller is to be schedule 40 and Sprinkler Notes #3 states 2” and larger to be schedule 10. F2.01 says all mains and branch pipe to be schedule 40 per detail 2 notes. The Division 21 specifications do not have restrictions on schedule 10 piping being installed. Which is correct?

RESPONSE The notes on sheet F0.01 have been edited to reflect the notes from Detail 2 on sheet F2.01. This project should include only schedule 40 piping for the dry system.

Item 34 142123.16 Machine Room-Less Electric Traction Passenger Elevators, 1.01 Summary, C. Work Not Included: "General contractor shall provide the following.....", item 16 requires a "standby power source including necessary transfer switches and auxiliary contact where elevator operation from an alternate power supply is required." A generator is not required according to the electrical design on this project. Is an alternate power source required?

RESPONSE Refer to specification 14 21 23.16 Machine Room-Less Electric Traction Passenger Elevator and delete reference to emergency generator.

ITEM 35 Glass Type Required Mentions 65% translucent with a gray tint but that will not give us the 65% visible light they are requiring. Gray is between 35-40% with no translucent appearance. Spec is vague, can you clarify?

RESPONSE Refer to the specifications and delete the 65% translucent requirement.

ITEM 36 Specifications indicate a VCT resilient flooring product. However, the locations of resilient flooring is not identified on the drawings. Please indicate if VCT is to used on this project and if so, what locations it is to be applied.

RESPONSE VCT flooring is for the floor of the elevators. Refer to Elevator specification.

ITEM 37 Please confirm that there is no traffic coating on this project.

RESPONSE There is no traffic coating on this project.

ITEM 38 What is the back side of the precast finish?

RESPONSE Trowel Finish.

Item 39 A4.72 Signage Details, are signs TEFR and TEFL aluminum panels to be installed per the mounting detail in the top right corner of the same page (similar) or are they painted background on concrete signs with vinyl letters.

RESPONSE Aluminum Panels.

Item 40 A4.71, all sign types, the details are calling for a portion of the lettering on the sign to be painted, and a portion to be vinyl. Please confirm this is desired.

RESPONSE Correct.

Item 41 One of the canopies appears to have a roof drain. Is this typical for all or just this one? If this is correct should the roof be TPO instead of Metal Panels?

RESPONSE Refer to drawings A2.70 for the four canopies at the corners. Included are roof drains and membrane roofing.

- ITEM 42 The plans and spec do not clarify if there is to be any interior coating at the parking deck ceiling 1-5 and structural cast in place concrete columns. Please clarify if the intention is to apply an interior paint coating or if the concrete surface is to be bare.
- RESPONSE Concrete to remain unfinished.**
- ITEM 43 Please clarify if any piping will need color code painting.
- RESPONSE No piping requires painting.**
- ITEM 44 Sheet A5.31 notes "Painted CMU" at elevator shaft locations. However, else where in the plans and in the specifications, there is no mention of painted CMU walls. Please clarify the extent of scope for painted CMU walls.
- RESPONSE Refer to drawing A5.31 and delete reference to "Painted CMU". For Clarification there is no painted CMU on the project.**
- ITEM 45 What is the finish of the precast? (e.g. sand blasted, form finish, etc?)
- RESPONSE Precast to be form finish.**
- ITEM 46 Precast is gray to be painted, so is the mortar joint between the brick gray?
- RESPONSE Gray**
- Item 47 Mock up is called for 6'x8' panel in the specifications, does this include brick and sill?
- RESPONSE Refer to the precast mockup drawings, copy which is attached hereto.**
- ITEM 48 What is the color and manufacturer of the brick?
- RESPONSE Refer to the specification section 01 12 00 Allowances for thin brick allowance.**
- ITEM 49 S1.02 shows a detail for one and two-sided steel lintel support for CMU masonry walls. This detail includes a L5x3x1/2" lintel as well as 2#5 continuous rebar in gout filled bond beam or "U Block". On sheet A3.00 the detail for a two-side CMU head wall shows a L4x3x1/4" Lintel and 2#4 rebar continuous. Please clarify the correct details.
- RESPONSE Refer the structural drawings for CMU top of wall bracing.**
- ITEM 50 It appears that new construction will reduce Claiborne Street from 3 to 2 lanes when complete. Will it be possible to close down to 1 lane on temporary basis' during construction?
- RESPONSE The city of Mobile has already closed one lane of South Claiborne Street.**
- ITEM 51 The Roof Layout Plan seems to show 4 canopies that are two receive roofing and metal coping. The wall sections call out metal panels wrapped on the canopy. Please confirm that the metal panel on the canopies is to be only fascia and soffit. If not please give details on TPO Roofing and Metal Coping at canopies.

RESPONSE Metal Panel at canopies only applied to fascia and soffit.

ITEM 52 Landscape plan show the limits of the irrigation, however it does not offer any specifics as to what is desired for this project. If irrigation is included, we would need to know where we would be connecting- is it tying into a current system? Also we would seek clarification as to what is being irrigated- we assume this would just be for the sod. Please provide further information.

RESPONSE Refer to drawings L1.0 Landscape Plan where the limits of irrigation are shown and noted. For clarification all areas to receive sod are to be irrigated. Refer to specification Section 32 84 00 Landscape Irrigation performance specification.

ITEM 53 Construction traffic could potentially damage paving & striping in existing lot. Will there be an allowance to refurbish existing parking lot?

RESPONSE If the contractor damages the pavement outside of the limits of demolition the damage shall be repaired at the contractor's expense. Re-stripping will not be required.

ITEM 54 Other than the limits of construction noted on the civil plans, is there any other space on site that can be used for contractors offices, laydown, storage, etc.

RESPONSE City of Mobile intends to provide additional area outside the shown limits of construction. Drawing C6.0 (Overall Site Utility Plan) from the USACE waterline installation plan set is attached. This drawing indicates the approximate additional area that may be made available for this contract and the USACE contractor. Any additional laydown area utilized by the contractor shall be fenced in the same manner as the construction site. These plans are for information purposes only and do not form a part of this contract.

ITEM 55 Please provide an overall layout of Civic Center property indicating limits of construction and laydown for the Corp of Engineers Office Building to determine adjacencies and potential conflicts for access to site.

RESPONSE See attached drawing C6.0 (Overall Site Utility Plan) from the USACE waterline installation plan set. These plans are for information purposes only and do not form a part of this contract.

ITEM 56 Please provide an allowance for the GC to carry for underground electrical demo requiring APCo coordination or services. They don't know what is out there and need more information. See C2.0.

RESPONSE A \$300,000.00 allowance is included on the bid form for possible unforeseen site conditions.

ITEM 57 Edwards/EST requests approved as a fire alarm system.

RESPONSE Refer to the specifications section 28 46 21 Addressable Fire Alarm System and add Edwards / EST as an approved manufacturer.

- ITEM 58 Alternate lighting manufacturers.
RESPONSE **Alternate lighting manufacturers approved: Lithonia, Precision Architectural Lighting, Kim Lighting, Beacon Lighting, Prescolite, Columbia, and Dual-Lite**
- ITEM 59 Section 09913 Exterior Painting states to paint “finish exterior surfaces exposed to view, unless fully factory- finished and unless otherwise indicated.....”. As the majority of the garage is open, and no interior painting specification was provided, are all surfaces (not otherwise inside an actual room) considered exterior as far as interpreting the applicability of the Exterior Painting specification? If so, every surface including the interior- facing back side of precast, underside of concrete decks, concrete beams and columns, fire protection piping, and plumbing/storm drainage pipe will all require painting. Please confirm that is the intent.
RESPONSE **Refer to Section 09 91 13 Exterior painting 1.01 C paragraphs 1-4 for scope of painting.**
- ITEM 60 Please provide an allowance for the GCs contribution to get primary service to the site. If I am interpreting his comment correctly, they do not yet know where we need to run the (2) 5” conduits to yet.
RESPONSE **Include in price 150 LF 2- 5” conduit.**
- ITEM 61 Confirm any cost APCo will incur for their work to provide service will not be back charged to the city. If it will, and is expected to be included in our contract cost, please provide an Aid of Construction allowance for the GC to carry to cover these unknown costs.
RESPONSE **Any cost associated with the new electrical service will be a cost to the city.**
- ITEM 62 Hardware spec’s 087100 page 7, para 2.4.C.3 calls for Schlage “C” keyway. Scheduled locksets Schlage “C” keyway is only available from Sargent “O” bitted and cannot be construction master in para. 2.4.E. With this in mind, can the construction master keying be omitted, or can we provide in a keyway that can be Construction Master keyed?
RESPONSE **Construction Master can be deleted.**
- ITEM 63 Would an option for a pre-cast parking deck be considered (a delegated design option is available)? As it may allow for a time or cost savings.
RESPONSE **Parking Deck Structure shall remain Cast In Place Concrete.**

**Mobile Civic Center Parking Facility
CC-085-22**

PRE-BID CONFERENCE

10:00 am September 7, 2023
Mobile Civic Center, Room 16
401 Civic Center Drive
Mobile, Alabama 36602

AGENDA

1. Attendance roster. Include a contact person and an e-mail address for receipt of correspondence during the bid process. Please write legibly.
2. Introductions - Owner Contacts, Architect & Engineer.
3. Pre-Bid requirements.
 - a. Answers to questions during today's Pre-bid Conference are not binding on the City of Mobile. All questions shall be submitted in writing and answered by Addenda to be binding on the City of Mobile.
 - b. Questions will be accepted up to five (5) days prior to the date for receipt of bids. Questions are to be submitted to Sam Matheny at sam.matheny@volkert.com.
 - c. Bidders are reminded to check the City's website for Addenda.
 - d. Bidders are reminded that a Bid guarantee in the amount of \$10,000.00 must accompany the bid. This may be a Cashier's Check or a Bid Bond.
4. Discussion of Scope of Work.
 - a. Scope of work includes the construction of a multi-level parking structure to include mechanical, electrical, plumbing, and other requirements in accordance with the drawings and specifications.
 - b. This contract requires the use of domestic products in accordance with Code of Alabama Section 39-3-1.
 - c. Construction duration shall be **Four Hundred Thirty-Five (435)** calendar days from the date of the Notice to Proceed.
 - d. Bidders shall account for potential disruptions to the work that may result from Mardi Gras. Any such disruptions shall be considered by the bidder and included in the bid and shall not be a basis for a claim for additional compensation or time extension by the successful bidder.
 - e. There is a \$300,000.00 Contingency Allowance for this Project.
 - f. Contractor must obtain permits and arrange for all permit inspections required by the City of Mobile. There is no charge for the Permit. Subcontractors will need to obtain their own permits.
 - g. Before Bidding, Contractor shall verify their license classification of their General Contractors license with the State of Alabama Licensing Board.
 - h. Contractor shall have access to the site seven days a week, 24 hours per day. Normal work hours are considered to be 6:00 am until 6:00 pm Monday through Friday excluding holidays. Work outside of normal hours shall require approval of

the Program Manager. Approval of the Program Manager does not relieve the bidder from complying with any and all City of Mobile ordinances regarding noise, light, or other nuisances.

- i. Contractor shall keep an exceptionally clean site. Areas outside the immediate construction zones shall remain open to the public. All Construction and lay down areas must be protected from public.
- j. Storm and Wastewater:
 - i. Comply with City of Mobile and Alabama Department of Environmental Management requirements. Pay attention to Water Regulations and Allowable Discharges.
 - ii. See City of Mobile Code, Chapter 17, Storm Water Management and Flood Control.
- k. All temporary chain link construction fencing, and signage shall be installed prior to performing any site demolition or other ground disturbance other than that required to install the fencing.
- l. The City of Mobile may make additional laydown areas outside of the limits of construction available to the bidder. If additional area is made available, the bidder is responsible for installing temporary chain link around these areas, at bidders expense, prior to use.

5. Special Instructions or conditions.

- a. Equal Opportunity:
 - i. The City of Mobile, Alabama is an Equal Opportunity Employer and requires that all Contractors comply with the Equal Employment Opportunity laws and the provisions of the Bid Documents in this regard.
 - ii. The City of Mobile also encourages and supports the utilization of Minority Business Enterprises on these and all other publicly solicited Bids and shall be in compliance with the City of Mobile's Minority Utilization Plan as adopted by the City Council.
 - iii. The Contractor shall provide an appropriately completed copy of the "City of Mobile Subcontracting and Major Supplier Plan" in the envelope with their Bid Form. Form shall document DBE Subcontractors participating in the project and, should the total % of DBE participation not meet the 15% minimum, all efforts to obtain DBE Subcontractors shall be documented on or attached to the DBE Form when submitted.
 - iv. During construction, contractors are required to submit a "DBE Utilization Report" with every Pay Application.
 - v. Contractors should contact the City of Mobile, Supplier Diversity Manager for assistance with DBE Subcontractor information and any questions regarding the DBE Compliance Forms. Contact Archnique Kidd at 251-208-7967.
- b. City of Mobile permits are required for the construction, but are available without cost to the Contractor. General Contractor, Plumbing Contractor, and Electrical Contractor shall have a current \$10,000 Surety Bond on file with the City of Mobile Permitting Division prior to issuance of permits and throughout the contract duration.
- c. The City utilizes E-Builder as its project management system. E-builder is a secure data collections site: <https://www.e-builder.net>. Firms and/or individuals, including subconsultants, shall use E-Builder as an essential component of

project management with the City of Mobile. Membership fees to participate in City of Mobile projects within E-Builder project management system are free to the City's consultants and contractors. The successful bidder will be required to submit all Pay Applications, RFIs, Submittals, and other project documents required by the specifications through E-Builder Project Management Software.

6. Bidding instructions, forms, special requirements and time.
 - a. Sealed Bids will be received and clocked in until 2:15 PM local time, Wednesday, the 20th day of September 2023.
 - i. Bidders delivering Bids in person shall deliver their bids to Government Plaza, 9th Floor, South Tower and insert Sealed Bid in the receptacle marked "CITY of MOBILE BIDS", located within the elevator lobby, for pickup by the City Clerk, no later than 2:15 PM local time.
 - ii. Or, if sent by carrier, addressed to the City Clerk, 9th Floor, South Tower, Government Plaza, 205 Government Street, Mobile, Alabama 36602. Bidders are responsible for ensuring their bids arrive by the bid time and date.
 - b. All Bids not clocked in by the City Clerk's Office prior to the time specified, or Bids received after the specified time, will be automatically rejected, and returned immediately, unopened.
 - c. Bids will be publicly opened and read at 2:30 PM local time, in the Atrium Lobby of Government Plaza.
 - d. This is a tax-exempt project. As per the State of Alabama ACT 2013-205, the Alabama Department of Revenue (ADOR) has been granted the authority to issue a "Certificate of Exemption from Sales and Use Tax for Governmental Entities" on construction projects. Therefore, this project shall qualify for State of Alabama Sales and Use Tax Exemptions under this ACT. It is the responsibility of the Bidder to confirm the potential tax exempt status of their bid with the ADOR and include any such savings in their bid, as well as accounting for same on their bid form attachment Sales Tax Form C-3A.

7. Additional Requirements at time of Contract execution:
 - a. A valid City of Mobile business license for the duration of the contract period
 - b. E-verify Documentation: The Beason-Hammond Taxpayer Protection Act applies to this project. Contractor shall comply with the requirements of this Act and show proof of enrollment in the E-verify program by submitting the electronically generated Federal E-verify document prior to signing of the construction contract. (see Project Manual)
 - c. Performance Bond and Labor & Material Payment Bond are required.
 - d. Certificate of Insurance in amounts and with endorsements as required by the City of Mobile (see Project Manual or Request for Quotes documents).

8. Payment requirements.
 - a. Retainage withheld at 5% of the first 50% of Construction Completed until the amount equals 2.5% of the full contract amount.
 - b. The final 2.5% of the full contract amount is withheld as retainage until all close out requirements are met, proof of advertisement, warranties, Consent of Surety, and release of liens, etc. By State of Alabama Law, notice of final completion of the contract shall be published four times in a local newspaper of general circulation.

c. The City of Mobile is unable to issue payment or deposits on materials that are not on the project site, or in the City of Mobile stored in a climate controlled, bonded warehouse where a City representative can verify their presence and proper storage.

9. Owner/City of Mobile contacts and phone numbers:
 - a. Sam Matheny, Program Manager: 864-245-1917
10. Site Walk
11. Adjourn

Mobile Civic Center Parking Facility
 PRE-BID CONFERENCE ATTENDANCE ROSTER
 September 7, 2023

NAME (Last, First)	ORGANIZATION	OFFICE PHONE	CELL PHONE	E-MAIL ADDRESS
Matheny, Sam	Volkert/COM	864-245-1917	864-245-1917	Sam.Matheny@Volkert.com
NEL KING	EVAN TERRY PARK	205 912 9100	205 912 9100	NKING@EVANTERRY.COM
MARTIN SHOWS	ROY ANDERSON CORP	228-896-4000	601-954-3157	MARTIN.SHOWS@RAC.COM
MIKE SINGLETON	BIRM CONSTRUCTION	251-660-8328	251-680-3710	MIKE@BIRMCONSTRUCTION.COM
CHARLIE VICK	B.L. HERBERT	205 802 2800		cvick@blherbert.com
Jay Dicks	Robert J Baggett	251-473-3290	251-462-7456	Kristina@rjbaggett.com
Bryant Baggett	RJ Baggett	251-473-3290	251-404-8330	bryant@rjbaggett.com
BUD/SQUIRES	VOLKERT	251-421-4573		Buday-Squires@Volkert.com
BENJAMIN MIREN	WHITE-SQUIRES	251-471-5189 251-379-3641	251-379-3641	ESTIMATE@WHITE-SQUIRES.COM BENJAMIN.MIREN@WHITE-SQUIRES.COM

**SECTION 00 73 00
SUPPLEMENTARY CONDITIONS**

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

All Sections within DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS AND DIVISION 01 – GENERAL REQUIREMENTS.

1.2 SUMMARY

The Supplementary Conditions of the Contract are meant to be viewed as a complement to the General Conditions of the Contract. Should any discrepancy or ambiguity be noted, the Supplementary Conditions of the Contract shall apply, and the General Conditions of the Contract shall defer to Supplementary Conditions of the Contract. The terms “Designer”, “Architect”, and “Engineer” shall be construed to mean Evan Terry Associates, LLC. The terms “Owner”, “Awarding Authority”, and “City of Mobile” shall be construed to mean The City of Mobile. The term “Program Manager (PM)”, “Construction Manager” and “Owner’s Representative” shall be construed to mean “Volkert, Inc.”. Where the Project Manual refers to Owner; it shall be recognized to include the Owner’s Representative (PM) as per the requirements and limitations of the contract between Owner and Program Manager.

- A. The City of Mobile utilizes E-Builder as its project management system. E-builder is a secure data collections site: <https://www.e-builder.net>. Firms and/or individuals, including subconsultants, shall use E-Builder as an essential component of project management with the City of Mobile. Membership fees to participate in City of Mobile projects within E-Builder project management system are free to the City's consultants and contractors. The Contractor will be required to submit all Pay Applications, RFIs, Submittals, and other project documents required by the specifications through E-Builder Project Management Software.
- B. All documents to be submitted or otherwise provided by the Contractor as required by all Sections within DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS and DIVISION 01 – GENERAL REQUIREMENTS shall be transmitted to the Program Manager via the project web site.
- C. All documents to be submitted or otherwise provided by the Contractor as required by all Sections within all other DIVISIONS shall be transmitted to the Architect via the project web site.
- D. The Contractor shall account for potential disruptions to the work that may result from Mardi Gras. Any such disruptions shall be considered by the Contractor and included in the bid and shall not be a basis for a claim for additional compensation or time extension.
- E. Contractor shall have access to the site seven days a week, 24 hours per day. Normal work hours are considered to be 6:00 am until 6:00 pm Monday through Friday excluding holidays. Work outside of normal hours shall require approval of the Program Manager. Approval of the Program Manager does not relieve the bidder

4308

- F. from complying with any and all City of Mobile ordinances regarding noise, light, or other nuisances.
- G. All temporary chain link construction fencing, and signage shall be installed prior to performing any site demolition or other ground disturbance other than that required to install the fencing.
- H. The City of Mobile may make additional laydown areas outside of the limits of construction available to the bidder. If additional area is made available, the bidder is responsible for installing temporary chain link fencing around these areas, at bidders expense, prior to use.

PART 2 - PRODUCTS (Not Applicable.)

PART 3 - EXECUTION (Not Applicable.)

END OF SECTION 00 73 00

SECTION 01 21 00
ALLOWANCES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Cash allowances.

1.02 RELATED REQUIREMENTS

- A. Section 01 20 00 - Price and Payment Procedures: Additional payment and modification procedures.

1.03 CASH ALLOWANCES

- A. Costs Included in Cash Allowances: Cost of product to Contractor or subcontractor, less applicable trade discounts, less cost of delivery to site, less applicable taxes.
- B. Costs Not Included in Cash Allowances: Product delivery to site and handling at the site, including unloading, uncrating, and storage; protection of products from elements and from damage; and labor for installation and finishing.
- C. Architect Responsibilities:
 - 1. Consult with Contractor for consideration and selection of products, suppliers, and installers.
 - 2. Select products in consultation with Owner and transmit decision to Contractor.
 - 3. Prepare Change Order.
- D. Contractor Responsibilities:
 - 1. Assist Architect in selection of products, suppliers, and installers.
 - 2. On notification of which products have been selected, execute purchase agreement with designated supplier and installer.
 - 3. Arrange for and process shop drawings, product data, and samples. Arrange for delivery.
 - 4. Promptly inspect products upon delivery for completeness, damage, and defects. Submit claims for transportation damage.
- E. Differences in costs will be adjusted by Change Order.

1.04 ALLOWANCES SCHEDULE

- A. Section 03 45 00 - Precast Architectural Concrete: Include the stipulated sum of \$1.50 / thin brick including special shapes for purchase of thin brick.

PART 2 PRODUCTS - NOT USED

PART 3 EXECUTION - NOT USED

END OF SECTION

SECTION 05 31 00**STEEL DECK****PART 1 – GENERAL****1.01 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.02 SUMMARY

- A. This Section includes the following:
 - 1. Steel roof deck.
- B. Related Sections: The following Sections contain requirements that relate to this section:
 - 1. Division 5 Section "Structural Steel".
 - 2. Division 5 Section "Metal Fabrications".
 - 3. Division 9 Section "Painting" for touchup and repair painting of deck.

1.03 SUBMITTAL

- A. General: Submit each item in this Article according to the Conditions of the Contract and Division 1 Specification Sections.
- B. Product data for each type of deck, accessory, and product specified.
- C. Shop drawings showing layout and types of deck panels, anchorage details, reinforcing channels, pans, deck openings, special jointing, accessories, and attachments to other construction.
- D. Product certificates signed by manufacturers of steel deck certifying that their products comply with specified requirements.
- E. Welder certificates signed by Contractor certifying that welders comply with requirements specified under the "Quality Assurance" Article.
- F. Product test reports from qualified independent testing agencies evidencing compliance with requirements of the following based on comprehensive testing:
 - 1. Mechanical fasteners.
- G. Research reports or evaluation reports of the model code organization acceptable to authorities having jurisdiction that evidence steel deck's compliance with the building code in effect for the Project.

1.04 QUALITY ASSURANCE

- A. Installer Qualifications: Engage an experienced Installer who has completed steel deck similar in material, design, and extent to that indicated for this Project and with a record of successful in-service performance.
- B. Testing Agency Qualifications: To qualify for acceptance, an independent testing agency must demonstrate to Architect's satisfaction, based on evaluation of agency-submitted criteria conforming to ASTM E 699, that it has the experience and capability to satisfactorily conduct the testing indicated without delaying the Work.
- C. Welding Standards: Comply with applicable provisions of AWS D1.1 "Structural Welding Code--Steel" and AWS D1.3 "Structural Welding Code--Sheet Steel."
 - 1. Certify that each welder has satisfactorily passed AWS qualification tests for welding processes involved and, if pertinent, has undergone recertification.
- D. Fire-Test-Response Characteristics: Where indicated, provide steel deck panels identical to those tested as part of an assembly for fire resistance per ASTM E 119 by a testing and inspection agency performing testing and follow-up services, that is acceptable to authorities having jurisdiction.
 - 1. Fire-Resistance Ratings: As indicated by design designations listed in UL "Fire Resistance Directory," or by Warnock Hersey or another testing and inspecting agency.
 - 2. Labeling: Identify steel deck with appropriate markings of applicable testing and inspecting agency.

1.05 DELIVERY, STORAGE AND HANDLING

- A. Protect steel deck from corrosion, deformation, and other damage during delivery, storage, and handling.
- B. Stack steel deck on platforms or pallets and slope to provide drainage. Protect with a waterproof covering and ventilate to avoid condensation.

1.06 COORDINATION

- A. Coordinate installation of sound-absorbing insulation strips in acoustic deck ribs with related units of Work

specified in other Sections to ensure that the insulation is protected against damage from effects of the weather and other causes.

PART 2 – PRODUCTS

2.01 MANUFACTURERS

A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated in the Work include, but are not limited to, the following:

1. American Buildings Co.
2. ASC Pacific Inc.
3. Bowman Metal Deck Armco, Inc.
4. Consolidated Systems, Inc.
5. Epic Metals Corp.
6. Marlyn Steel Products, Inc.
7. Robertson A United Dominion Co.
8. Roof Deck, Inc.
9. United Steel Deck, Inc.
10. Verco Manufacturing Co.
11. Vulcraft Div. of Nucor Corp.
12. Walker Div. of Butler Manufacturing Co.
13. Wheeling Corrugating Co., Div. of Wheeling-Pittsburgh Steel Corp.

2.02 ROOF DECK

A. Steel Roof Deck: Fabricate panels without top-flange stiffening grooves conforming to SDI Publication No. 28 "Specifications and Commentary for Steel Roof Deck" and the following:

1. Galvanized-Steel Sheet: ASTM A 446, Grade A, G 60 (ASTM A 446M, Grade A, Z 180) zinc coated according to ASTM A 525 (ASTM A 525M).
2. Profile Depth: 1 1/2" inches Type B.
 - a. Design Thickness: 22 Gage (0.0295 inches)

2.03 ACCESSORIES

- A. General: Provide accessory materials for steel deck that comply with requirements indicated and recommendations of the steel deck manufacturer.
- B. Mechanical Fasteners: Manufacturer's standard, corrosion-resistant, low-velocity, powder-actuated or pneumatically driven carbon steel fasteners; or self-drilling, self-threading screws.
- C. Side Lap Fasteners: Manufacturer's standard, corrosion-resistant, hexagonal washer head; self-drilling, carbon steel screws, No. 10 (4.8 mm) minimum diameter.
- D. Rib Closure Strips: Manufacturer's standard vulcanized, closed-cell, synthetic rubber.
- E. Miscellaneous Roof Deck Accessories: Steel sheet, 0.0359-inch- (0.91-mm-) thick minimum ridge and valley plates, finish strips, and reinforcing channels, of same material as roof deck.
- F. Weld Washers: Manufacturer's standard uncoated-steel sheet weld washers, shaped to fit deck rib, 0.0598 inch (1.5 mm) thick with 3/8-inch (9.5-mm) minimum diameter prepunched hole.
- G. Recessed Sump Pans: Manufacturer's standard size, single piece steel sheet 0.071-inch- (1.8-mm) thick minimum, of same material as deck panels, with 1-1/2-inch- (38-mm-) minimum deep level recessed pans and 3-inch- (76-mm-) wide flanges. Cut holes for drains in the field.
- H. Flat Receiver Pan: Manufacturer's standard size, single-piece steel sheet, 0.071-inch-(1.8-mm-) thick minimum units, of same material as deck panels. Cut holes for drains in the field.
- I. Steel Sheet Accessories: ASTM A 446, G 60 (ASTM A 446M, Z 180) coating class, galvanized according to ASTM A 525 (ASTM A 525M).
- J. Galvanizing Repair Paint: SSPC-Paint 20 or DOD-P-21035, with dry film containing a minimum of 94 percent zinc dust by weight.

PART 3 – EXECUTION

3.01 EXAMINATION

A. Examine supporting framing and field conditions for compliance with requirements for installation tolerances and other conditions affecting performance of steel deck.

3.02 PREPARATION

A. Locate decking bundles to prevent overloading of supporting members.

3.03 INSTALLATION, GENERAL

- A. Install deck panels and accessories according to applicable specifications and commentary of SDI Publication No. 28, manufacturer's recommendations, and requirements of this Section.
- B. Place deck panels on supporting framing and adjust to final position with ends accurately aligned and bearing on supporting framing before being permanently fastened. Do not stretch or contract side lap interlocks.
- C. Place deck panels flat and square and fasten to supporting framing without warp or deflection.
- D. Cut and neatly fit deck panels and accessories around openings and other work projecting through or adjacent to the decking.
- E. Provide additional reinforcement and closure pieces at openings as required for strength, continuity of decking, and support of other work.
- F. Comply with AWS requirements and procedures for manual shielded metal arc welding, appearance and quality of welds, and methods used in correcting welding work.
- G. Mechanical fasteners may be used in lieu of welding to fasten deck. Locate mechanical fasteners and install according to deck manufacturer's instructions.

3.04 ROOF DECK INSTALLATION

- A. Fasten roof deck panels to steel supporting members by arc spot (puddle) welds of the surface diameter indicated or arc seam welds with an equal perimeter, but not less than 1-1/2 inches (38 mm) long, and as follows:
 - 1. Weld Diameter: 5/8 inch (16 mm), nominal.
 - 2. Weld Spacing: Weld edge ribs of panels at each support. Space welds an average of 12 inches (305 mm) apart, with a minimum of two welds per unit at each support.
 - 3. Weld Washers: Install weld washers at each weld location.
- B. Side Lap and Perimeter Edge Fastening: Fasten side laps and perimeter edges of panels between supports, at intervals not exceeding 36 inches (910 mm), using one of the following methods:
 - 1. Mechanically fasten with self-drilling No. 10- (4.8-mm-) diameter or larger carbon steel screws.
- C. End Bearing: Install deck ends over supporting framing with a minimum end bearing of 1-1/2 inches (38 mm), with end joints as follows:
 - 1. End Joints: Lapped 2 inches (51 mm) minimum or butted at Contractor's option.
- D. Roof Sump Pans and Sump Plates: Install over openings provided in roof decking, and weld flanges to top of deck. Space welds not more than 12 inches (305 mm) apart with at least one weld at each corner.
- E. Miscellaneous Roof Deck Accessories: Install ridge and valley plates, finish strips, cover plates, end closures, and reinforcing channels according to deck manufacturer's recommendations. Weld to substrate to provide a complete deck installation.
- F. Sound-absorbing Insulation: Install premolded roll or strip sound-absorbing insulation per Deck Manufacturer's instructions.

3.05 FIELD QUALITY CONTROL

- A. Testing Agency: A qualified independent testing agency employed and paid by the Owner will perform field quality-control testing.
- B. Field welds will be subject to inspection.
- C. Testing agency will report test results promptly and in writing to Contractor and Architect.
- D. Remove and replace work that does not comply with specified requirements.
- E. Additional testing will be performed to determine compliance of corrected work with specified requirements.

3.06 REPAIRS AND PROTECTION

- A. Galvanizing Repairs: Prepare and repair damaged galvanized coatings on both surfaces with galvanized repair paint according to ASTM A 780 and the manufacturer's instructions.
- B. Provide final protection and maintain conditions to ensure steel decking is without damage or deterioration at time of Substantial Completion.

END OF SECTION

SECTION 05 51 00
METAL STAIRS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Stairs with concrete treads.
- B. Structural steel stair framing and supports.
- C. Handrails and guards.

1.02 RELATED REQUIREMENTS

- A. Section 03 30 00 - Cast-in-Place Concrete: Concrete fill in stair pans; mesh reinforcement for landings.
- B. Section 03 30 00 - Cast-in-Place Concrete: Placement of metal anchors in concrete.
- C. Section 04 20 00 - Unit Masonry: Placement of metal fabrications in masonry.
- D. Section 05 50 00 - Metal Fabrications.
- E. Section 05 52 13 - Pipe and Tube Railings: Metal handrails for the stairs specified in this section.
- F. Section 09 91 13 - Exterior Painting: Paint finish.

1.03 REFERENCE STANDARDS

- A. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.
- B. AISC 201 - AISC Certification Program for Structural Steel Fabricators, Standard for Steel Building Structures; 2006.
- C. ASTM A36/A36M - Standard Specification for Carbon Structural Steel; 2014.
- D. ASTM A53/A53M - Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless; 2018.
- E. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 2016a.
- F. ASTM A500/A500M - Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes; 2020.
- G. ASTM A501/A501M - Standard Specification for Hot-Formed Welded and Seamless Carbon Steel Structural Tubing; 2014.
- H. ASTM A1008/A1008M - Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable; 2018.
- I. ASTM A1011/A1011M - Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength; 2018a.
- J. ASTM F3125/F3125M - Standard Specification for High Strength Structural Bolts and Assemblies, Steel and Alloy Steel, Heat Treated, Inch Dimensions 120 ksi and 150 ksi Minimum Tensile Strength, and Metric Dimensions 830 MPa and 1040 MPa Minimum Tensile Strength; 2019.
- K. AWS A2.4 - Standard Symbols for Welding, Brazing, and Nondestructive Examination; 2012.
- L. AWS D1.1/D1.1M - Structural Welding Code - Steel; 2015, with Errata (2016).
- M. ICC (IBC) - International Building Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- N. SSPC-Paint 15 - Steel Joist Shop Primer/Metal Building Primer; 1999 (Ed. 2004).
- O. SSPC-SP 2 - Hand Tool Cleaning; 2018.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Shop Drawings: Indicate profiles, sizes, connection attachments, reinforcing, anchorage, size and type of fasteners, and accessories.
 - 1. Indicate welded connections using standard AWS A2.4 welding symbols. Indicate net weld lengths.
 - 2. Include the design engineer's seal and signature on each sheet of shop drawings.
- C. Design Data: As required by authorities having jurisdiction.
- D. Welders' Certificates.

1.05 QUALITY ASSURANCE

- A. Structural Designer Qualifications: Professional Structural Engineer experienced in design of this work and licensed in the State in which the Project is located, or personnel under direct supervision of such an engineer.
- B. Welder Qualifications: Show certification of welders employed on the Work, verifying AWS qualification within the previous 12 months.
- C. Fabricator Qualifications:
 - 1. A qualified steel fabricator that is certified by the American Institute for Steel Construction (AISC) under AISC 201.

PART 2 PRODUCTS

2.01 METAL STAIRS - GENERAL

- A. Metal Stairs: Provide stairs of the design specified, complete with landing platforms, vertical and horizontal supports, railings, and guards, fabricated accurately for anchorage to each other and to building structure.
 - 1. Regulatory Requirements: Provide stairs and railings that comply with most stringent requirements of local, state, and federal regulations; where requirements of Contract Documents exceed those of regulations, comply with Contract Documents.
 - 2. Dimensions: As indicated on drawings.
 - 3. Shop assemble components; disassemble into largest practical sections suitable for transport and access to site.
 - 4. No sharp or rough areas on exposed travel surfaces and surfaces accessible to touch.
 - 5. Separate dissimilar metals using paint or permanent tape.
- B. Metal Jointing and Finish Quality Levels:
 - 1. Commercial: Exposed joints as inconspicuous as possible, whether welded or mechanical; underside of stair not covered by soffit IS considered exposed to view.
 - a. Welded Joints: Intermittently welded on back side, filled with body putty, and sanded smooth and flush.
 - b. Welds Exposed to View: Ground smooth and flush.
 - c. Mechanical Joints: Butted tight, flush, and hairline.
 - d. Bolts Exposed to View: Countersunk flat or oval head bolts; no exposed nuts.
 - e. Exposed Edges and Corners: Eased to small uniform radius.
 - f. Metal Surfaces to be Painted: Sanded or ground smooth, suitable for satin or matte finish.
- C. Fasteners: Same material or compatible with materials being fastened; type consistent with design and specified quality level.
- D. Anchors and Related Components: Same material and finish as item to be anchored, except where specifically indicated otherwise; provide all anchors and fasteners required.

2.02 METAL STAIRS WITH CONCRETE TREADS

- A. Jointing and Finish Quality Level: Architectural, as defined above.
- B. Risers: Closed.

- C. Treads: Metal pan with field-installed concrete fill.
 - 1. Concrete Depth: 1-1/2 inches, minimum.
 - 2. Tread Pan Material: Steel sheet.
 - 3. Tread Pan Thickness: As required by design; 14 gauge, 0.075 inch minimum.
 - 4. Concrete Reinforcement: Welded wire mesh.
 - 5. Concrete Finish: Steel troweled.
- D. Risers: Same material and thickness as tread pans.
 - 1. Riser/Nosing Profile: Sloped riser with rounded nosing of minimum radius.
 - 2. Nosing Depth: Not more than 1 inch overhang.
 - 3. Nosing Return: Flush with top of concrete fill, not more than 1/2 inch wide.
- E. Stringers: Rolled steel channels.
 - 1. Stringer Depth: As indicated on drawings.
 - 2. End Closure: Sheet steel of same thickness as risers welded across ends.
- F. Landings: Same construction as treads, supported and reinforced as required to achieve design load capacity.
- G. Railings: Steel pipe railings.
- H. Finish: Shop- or factory-prime painted.

2.03 HANDRAILS AND GUARDS

- A. Guards: Pipe railings, see Section 05 52 13.

2.04 MATERIALS

- A. Steel Sections: ASTM A36/A36M.
- B. Steel Tubing: ASTM A500/A500M or ASTM A501/A501M structural tubing, round and shapes as indicated.
- C. Pipe: ASTM A53/A53M, Grade B Schedule 40, black finish.
- D. Ungalvanized Steel Sheet: Hot- or cold-rolled, except use cold-rolled where finished work will be exposed to view.
 - 1. Hot-Rolled Steel Sheet: ASTM A1011/A1011M, Designation CS (commercial steel).
 - 2. Cold-Rolled Steel Sheet: ASTM A1008/A1008M, Designation CS (commercial steel).
- E. Concrete Fill: Portland cement Type I, 3000 psi 28 day strength, 2 to 3 inch slump.
- F. Concrete Reinforcement: Mesh type as detailed, galvanized.

2.05 ACCESSORIES

- A. Steel Bolts, Nuts, and Washers: ASTM F3125/F3125M, Type 1, and galvanized to ASTM A153/A153M where connecting galvanized components.
- B. Welding Materials: AWS D1.1/D1.1M; type required for materials being welded.
- C. Shop and Touch-Up Primer: SSPC-Paint 15, and comply with VOC limitations of authorities having jurisdiction.

2.06 SHOP FINISHING

- A. Clean surfaces of rust, scale, grease, and foreign matter prior to finishing.
- B. Do not prime surfaces in direct contact with concrete or where field welding is required.
- C. Prime Painting: Use specified shop- and touch-up primer.
 - 1. Preparation of Steel: In accordance with SSPC-SP 2, Hand Tool Cleaning.
 - 2. Number of Coats: One.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that field conditions are acceptable and are ready to receive work.

3.02 PREPARATION

- A. When field welding is required, clean and strip primed steel items to bare metal.
- B. Supply items required to be cast into concrete and embedded in masonry with setting templates.

3.03 INSTALLATION

- A. Install components plumb and level, accurately fitted, free from distortion or defects.
- B. Allow for erection loads, and for sufficient temporary bracing to maintain true alignment until completion of erection and installation of permanent attachments.
- C. Provide welded field joints where specifically indicated on drawings. Perform field welding in accordance with AWS D1.1/D1.1M.
- D. Other field joints may be either welded or bolted provided the result complies with the limitations specified for jointing quality levels.
- E. Obtain approval prior to site cutting or creating adjustments not scheduled.
- F. After erection, prime welds, abrasions, and surfaces not shop primed or galvanized, except surfaces to be in contact with concrete.

3.04 TOLERANCES

- A. Maximum Variation From Plumb: 1/4 inch per story, non-cumulative.
- B. Maximum Offset From True Alignment: 1/4 inch.

END OF SECTION

SECTION 08 33 23
OVERHEAD COILING DOORS

PART 1 GENERAL**1.01 SECTION INCLUDES**

- A. Overhead coiling doors, operating hardware, fire-rated and exterior; manually operated.

1.02 RELATED REQUIREMENTS

- A. Section 07 92 00 - Joint Sealants: Sealing joints between frames and adjacent construction.
- B. Section 08 71 00 - Door Hardware: Cylinder cores and keys.

1.03 REFERENCE STANDARDS

- A. ASTM A36/A36M - Standard Specification for Carbon Structural Steel; 2014.
- B. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2015.
- C. ITS (DIR) - Directory of Listed Products; current edition.
- D. NFPA 80 - Standard for Fire Doors and Other Opening Protectives; 2019.
- E. UL (DIR) - Online Certifications Directory; Current Edition.

1.04 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide general construction, electrical equipment, and component connections and details.
- C. Shop Drawings: Indicate pertinent dimensioning, anchorage methods, hardware locations, and installation details.
- D. Warranty Documentation: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

1.05 WARRANTY

- A. See Section 01 78 00 - Closeout Submittals, for additional warranty requirements.
- B. Provide five year manufacturer limited warranty for three-ply multifilament polyester fabric curtain.
- C. Provide lifetime manufacturer limited warranty for counterweights and tension springs.

PART 2 PRODUCTS**2.01 MANUFACTURERS**

- A. Overhead Coiling Fire Doors:
 - 1. C.H.I. Overhead Fire Doors; Model 7301: www.chiohd.com/#sle.
 - 2. Clopay Building Products; Model CERD20: www.clopaydoor.com/#sle.
 - 3. Wayne-Dalton, a Division of Overhead Door Corporation: www.wayne-dalton.com/#sle.
 - 4. Substitutions: See Section 01 60 00 - Product Requirements.

2.02 COILING DOORS

- A. Fire-Rated Coiling Doors: Steel slat curtain; comply with NFPA 80.
 - 1. 3/4 hour fire rating.
 - 2. Provide products listed and labeled by ITS (DIR) or UL (DIR) as suitable for purpose specified and indicated on drawings.
 - 3. Oversized Openings: Provide certificate of compliance from authorities having jurisdiction indicating approval of fire rated units and operating hardware assembly.
 - 4. Single thickness slats.
 - 5. Nominal Slat Size: 2 inches wide by required length.
 - 6. Finish: Factory painted, color as selected.
 - 7. Guides, Angles: Stainless steel.

8. Hood Enclosure: Manufacturer's standard; primed steel.
9. Coiling Door Release Mechanism: Fire alarm system activated with automatically governed closing speed.
10. Manual hand chain lift operation.
11. Locking Devices: Lock and latch handle on outside.

2.03 MATERIALS AND COMPONENTS

- A. Metal Curtain Construction: Hinged slats.
 1. Curtain Bottom for Panel-Slat Curtains: Extruded aluminum.
 2. Weatherstripping for Exterior Doors: Moisture and rot proof, resilient type, located at jamb edges, bottom of curtain, and where curtain enters hood enclosure of exterior doors.
- B. Guide Construction: Continuous, of profile to retain door in place with snap-on trim, mounting brackets of same metal.
- C. Guides - Angle: ASTM A36/A36M metal angles, size as indicated.
 1. Stainless Steel: ASTM A 666, Type 304, rollable temper.
- D. Hood Enclosure and Trim: Internally reinforced to maintain rigidity and shape.
- E. Lock Hardware:
 1. Cylindrical Locking Mechanism: Latchset lock cylinder, specified in Section 08 71 00.
 2. Latch Handle: Manufacturer's standard.
 3. Manual Chain Lift: Provide padlockable chain keeper on guide.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that opening sizes, tolerances and conditions are acceptable.

3.02 INSTALLATION

- A. Install units in accordance with manufacturer's instructions.
- B. Install fire-rated doors in accordance with NFPA 80.
- C. Use anchorage devices to securely fasten assembly to wall construction and building framing without distortion or stress.
- D. Securely and rigidly brace components suspended from structure. Secure guides to structural members only.
- E. Fit and align assembly including hardware; level and plumb, to provide smooth operation.
- F. Complete wiring from fire alarm system.
- G. Install enclosure and perimeter trim.

3.03 TOLERANCES

- A. Maintain dimensional tolerances and alignment with adjacent work.
- B. Maximum Variation From Plumb: 1/16 inch.
- C. Maximum Variation From Level: 1/16 inch.
- D. Longitudinal or Diagonal Warp: Plus or minus 1/8 inch per 10 feet straight edge.

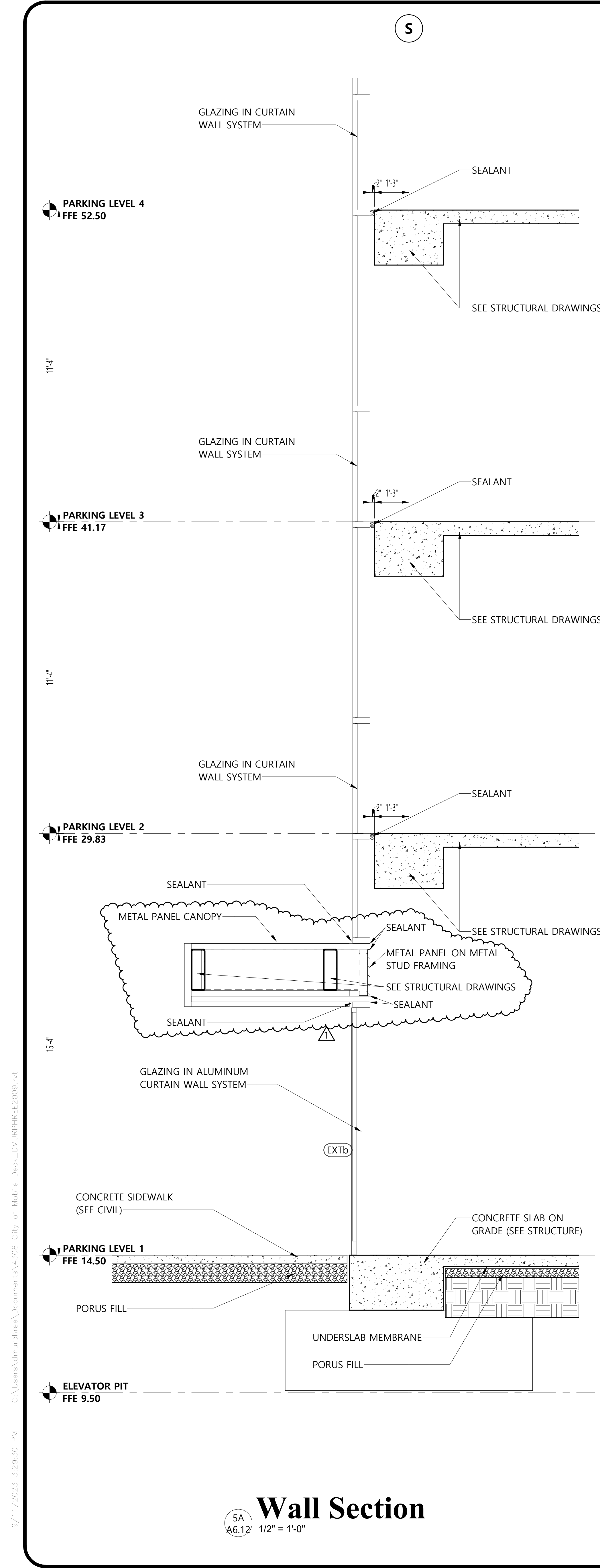
3.04 ADJUSTING

- A. Adjust operating assemblies for smooth and noiseless operation.

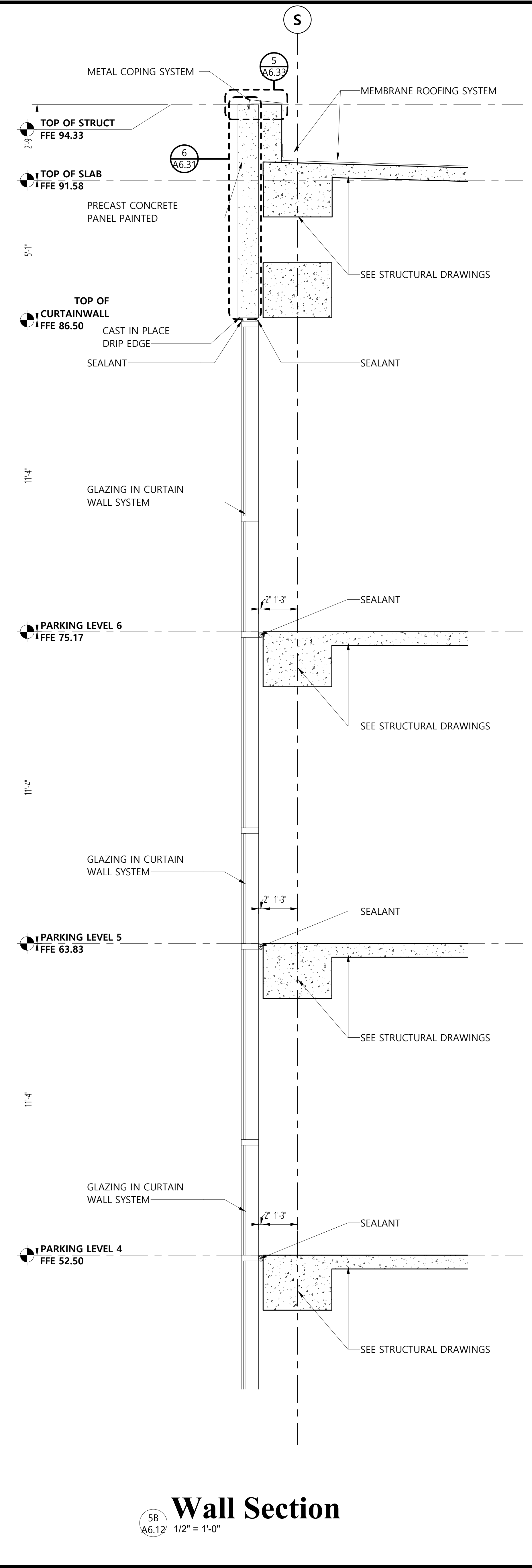
3.05 CLEANING

- A. Clean installed components.
- B. Remove labels and visible markings.

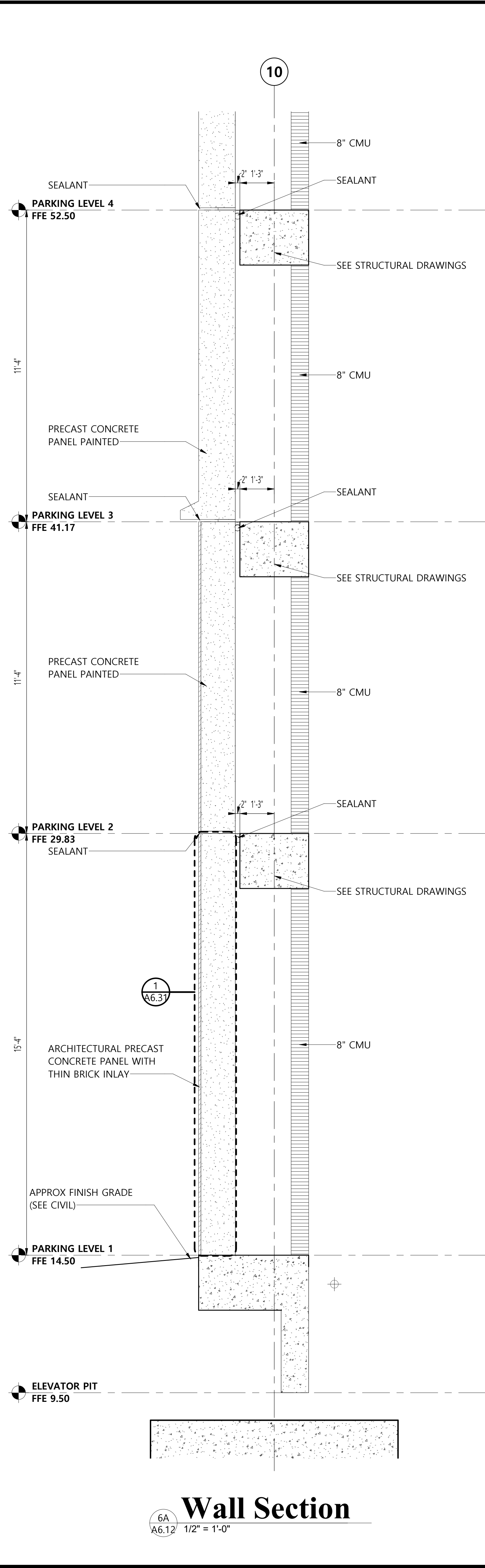
END OF SECTION



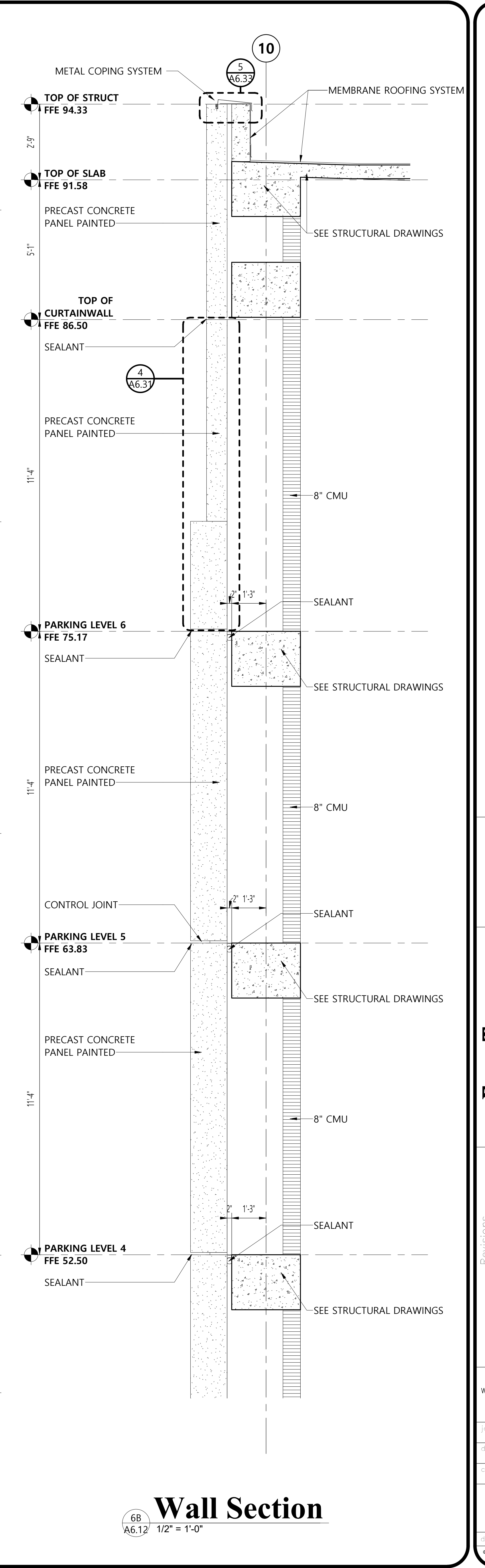
Wall Section
5A
A6.12 1/2" = 1'-0"



Wall Section
5B
A6.12 1/2" = 1'-0"



Wall Section
6A
A6.12 1/2" = 1'-0"



Wall Section
6B
A6.12 1/2" = 1'-0"

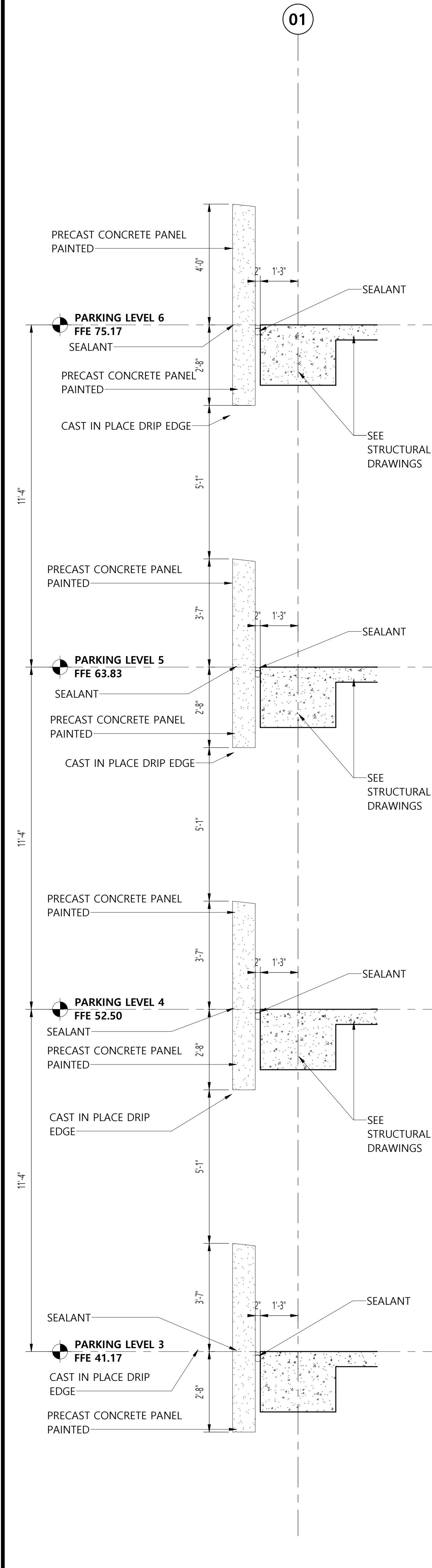
9/11/2023 3:29:30 PM C:\Users\jmurphy\Documents\4308_Cibx of Mobile Desk_DMI\BUREAU\200304.dwg

**Mobile Civic Center
Parking Facility**
Mobile, Alabama

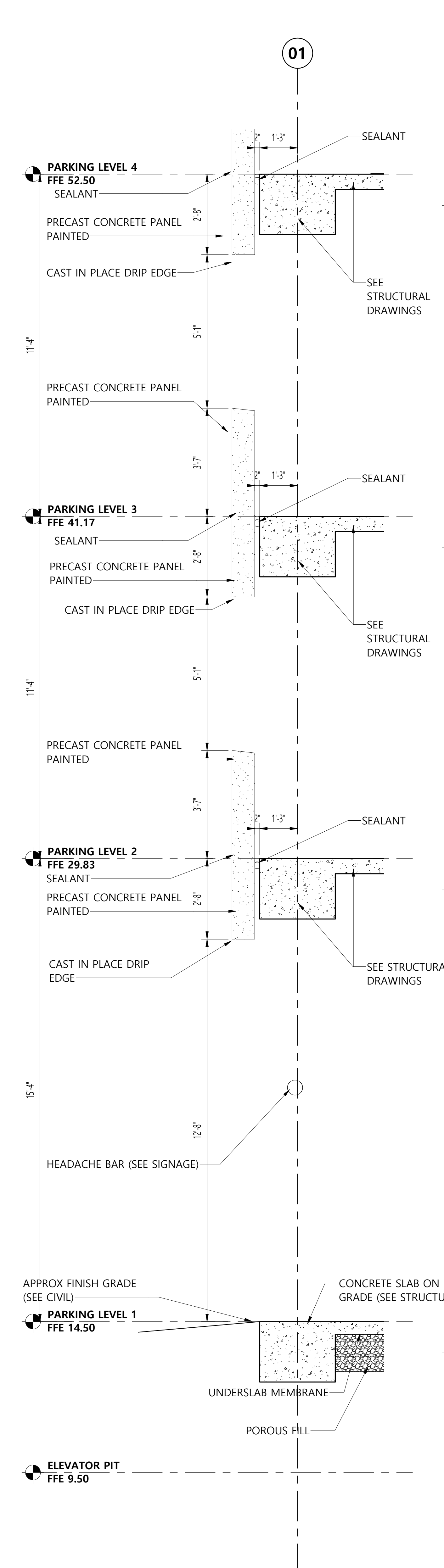
Evan Terry Associates LLC
Architecture • Accessible Design
One Perimeter Park South Suite 2005
Birmingham, AL 35243 (205) 972-9100

Revisions	Revision 3
1	09/17/23
sheet title	WALL SECTIONS
job no.	4308
designed by	ETA
checked by	KING
drawn by	of 154
A6.12	of 75
date	August 5, 2023
© Evan Terry Associates, LLC 2023	

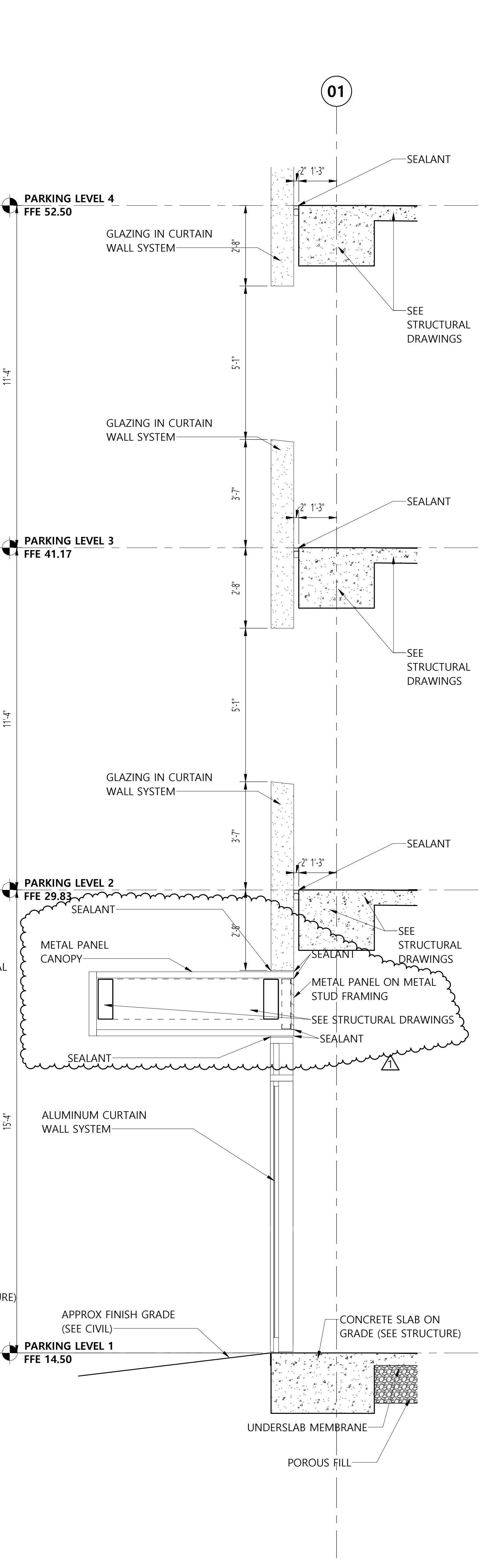
9/11/2023 3:29:31 PM C:\Users\vincent\Documents\4308_City of Mobile_Deck_DM\BPHREZ2003.dwg



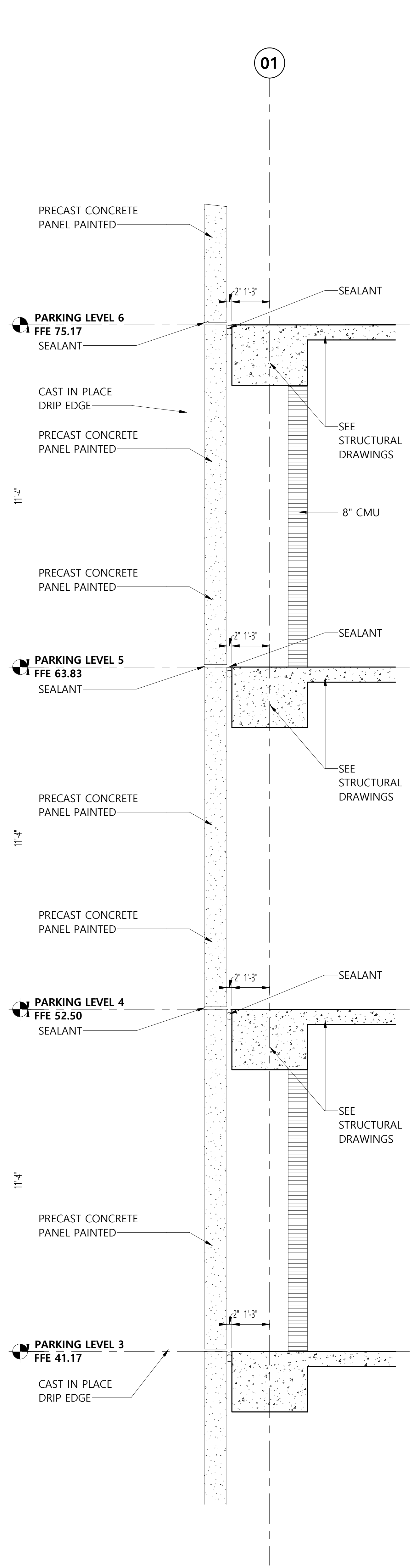
1
A6.16 1/2" = 1'-0"
Wall Section



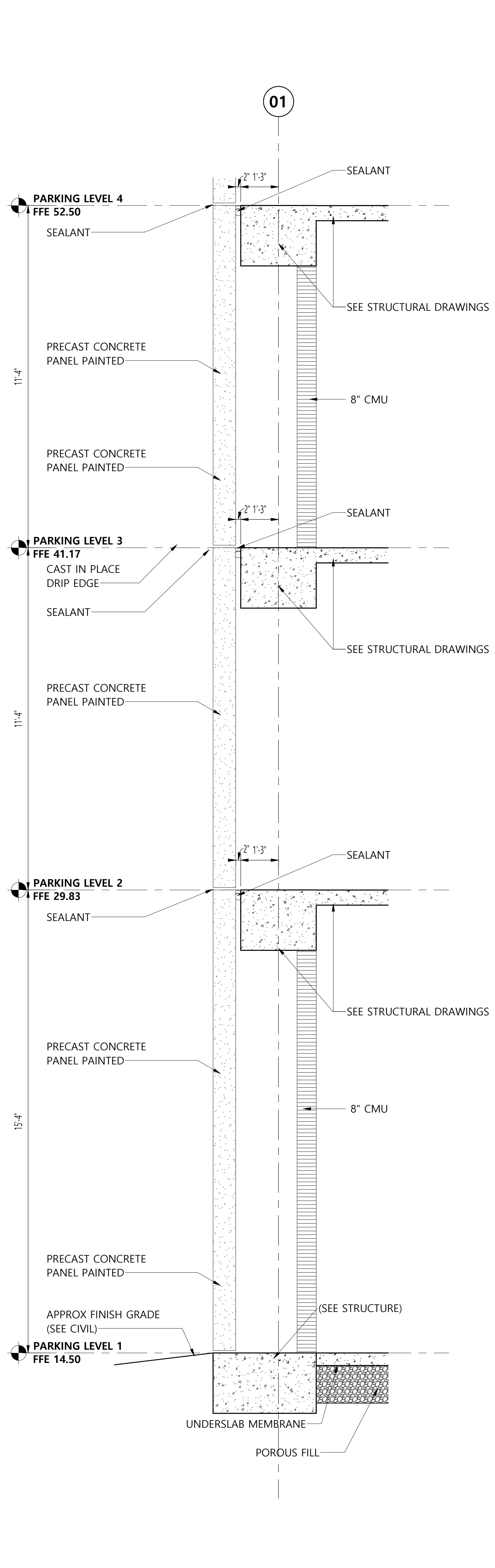
2
A6.16 1/2" = 1'-0"
Wall Section



3
A6.16 1/2" = 1'-0"
Wall Section



4
A6.16 1/2" = 1'-0"
Wall Section



5
A6.16 1/2" = 1'-0"
Wall Section

Mobile Civic Center Parking Facility

Mobile, Alabama

Evan Terry Associates LLC
Architecture • Accessible Design
One Perimeter Park South Suite 2005
Birmingham, AL 35243 (205) 972-9100

Revisions	Revision 3
Date	09/17/23
Sheet Title	WALL SECTIONS
Job No.	4308
Drawn by	ETA
Checked by	KING
Scale	091 of 154
Sheet No.	A6.16
Date	August 5, 2023
©	Evan Terry Associates, LLC 2023

SPRINKLER NOTES:

1. PROVIDE A NFPA 13 COMPLIANT SYSTEM TO PROVIDE TOTAL COVERAGE FOR THE BUILDING.
2. ALL PIPING SHALL BE SCHEDULE 40 BLACK STEEL WITH THREADED JOINTS AND CAST IRON OR MALLEABLE IRON FITTINGS. PROVIDE HANGERS PER NFPA 13 SPACING.
3. SPRINKLER HEADS SHALL BE QUICK RESPONSE, GLASS BULB EQUAL TO VIKING MODEL M.
4. PIPING IS TO BE INSTALLED IN A MANNER AS TO HIDE PIPING AS MUCH AS POSSIBLE.
5. PROVIDE A PIPING PLAN SHOWING COORDINATION OF SPRINKLER PIPING WITH ALL ITEMS ABOVE CEILING.
6. PROVIDE SHOP DRAWINGS INCLUDING A REFLECTED CEILING PLAN INDICATING SPRINKLER HEADS, LIGHTS, AND HVAC CEILING DEVICES.
7. PER STATE BUILDING COMMISSION REQUIREMENTS, HYDRAULIC CALCULATIONS AND SPRINKLER SHOP DRAWINGS FOR BUILDING FIRE PROTECTION SYSTEMS MUST BE PREPARED UNDER THE SUPERVISION OF AN ENGINEER LICENSED IN THE STATE OF ALABAMA AND BEAR THEIR LICENSURE SEAL WITH SIGNATURE AND DATE.
8. SPRINKLER CONTRACTOR SHALL BE LICENSED THROUGH THE STATE OF ALABAMA FIRE MARSHALL OFFICE.

DRY SPRINKLER SYSTEM NOTES:

- A. DRY SPRINKLER SYSTEM DESIGN AND INSTALLATION, BASE SYSTEM DESIGN HYDRAULIC CALCULATIONS USING THE AREA DENSITY METHOD ON THE FOLLOWING CRITERIA AND IN ACCORDANCE WITH NFPA 13 LATEST EDITION.
1. SPRINKLER PROTECTION
 - a. MECHANICAL EQUIPMENT ROOMS, ELECTRICAL CLOSETS, ELEVATOR SHAFTS, ELEVATOR MACHINE ROOMS, AND STORAGE BETWEEN 100 AND 1500SQ.FT., ORDINARY HAZARD GROUP 1, 0.15GPM/SQ.FT. OVER THE HYDRAULICALLY MOST REMOTE 1500SQ.FT.
 - b. STORAGE ROOMS OVER 250 SQ.FT., ORDINARY GROUP 2, 0.20GPM/SQ.FT. OVER THE HYDRAULICALLY MOST REMOTE 1500SQ.FT.
 - c. WHERE AREAS ARE NOT PHYSICALLY SEPARATED BY A BARRIER OR PARTITION CAPABLE OF DELAYING HEAT FROM A FIRE IN ONE AREA FROM FUSING SPRINKLERS IN THE ADJACENT AREA, THE REQUIRED SPRINKLER PROTECTION FOR THE MORE DEMANDING DESIGN BASIS SHALL EXTEND 15FT. BEYOND ITS PERIMETER.
 2. ADD WATER ALLOWANCE OF 250 GPM FOR INSIDE AND OUTSIDE HOSE STREAMS TO THE SPRINKLER REQUIREMENTS AT THE CONNECTION TO THE DISTRIBUTION MAIN.
 3. HYDRAULIC CALCULATIONS: THE CALCULATED DEMAND INCLUDING THE HOSE STREAM REQUIREMENTS SHALL FALL NO LESS THAN 10 PERCENT BELOW THE AVAILABLE SUPPLY CURVE.
 4. COMPLY WITH IBC & IRC (2021 EDITION), NFPA 13 (2021 EDITION), NFPA 14, STANDPIPES AND HOSE SYSTEMS, NFPA 20, STATIONARY FIRE PUMPS, NFPA 24, PRIVATE SERVICE MAINS NFPA 54, NATIONAL FUEL GAS CODE, NFPA 70, NATIONAL ELECTRIC CODE, NFPA 72, NATIONAL ALARM AND SIGNALING CODE, AND NFPA 101, LIFE SAFETY CODE (2021 EDITION).

FIRE PROTECTION SHOP DRAWING NOTES

- BEFORE SUBMITTING FIRE PROTECTION SHOP DRAWINGS FOR REVIEW:
1. CONFIRM THAT FIRE PROTECTION SHOP DRAWINGS ARE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF ALABAMA.
 2. CONFIRM THAT EACH NODE POINT IN THE HYDRAULIC CALCULATIONS APPEARS ON THE FIRE PROTECTION SHOP DRAWINGS AND THAT NOMENCLATURE MATCHES. THIS INCLUDES NODE POINTS ON SITE SUCH AS THE BACKFLOW PREVENTER AND SOURCE.
 3. CONFIRM THAT PIPE SIZES, LENGTHS, AND ELEVATIONS NOTED IN HYDRAULIC CALCULATIONS MARCH THE PIPE SIZES, LENGTHS, AND ELEVATIONS INDICATED ON THE FIRE PROTECTION SHOP DRAWINGS.
 4. CONFIRM THAT NODE POINTS, PIPE SIZES, LENGTHS, AND ELEVATIONS DO NOT OVERLAP ARCHITECTURAL FEATURES OR OTHER GRAPHIC ELEMENTS SO THEY BECOME DIFFICULT TO READ WHEN PLOTTED.
 5. CONFIRM THAT WHEN MULTIPLE NODE POINTS ARE LOCATED IN CLOSE PROXIMITY TO ONE ANOTHER THAT LEADER LINES ARE USED TO IDENTIFY WHERE THE NODE POINT IS LOCATED IN THE DESIGN.
 6. CONFIRM THAT HYDRAULIC CALCULATIONS ACCURATELY ACCOUNT FOR PIPE ROUTING (ELBOWS, TEES, ELEVATION OFFSETS, ETC.) INDICATED IN THE FIRE PROTECTION SHOP DRAWINGS.
 7. CONFIRM THAT REMOTE AREAS ARE OUTLINED AND IDENTIFIED ON FIRE PROTECTION SHOP DRAWINGS AND THAT NOMENCLATURE MATCHES HYDRAULIC CALCULATIONS.

FIRE PROTECTION CROSS MAINS

FIRE PROTECTION CROSS MAINS HAVE BEEN SHOWN AS A PLACEHOLDER - FOR GENERAL COORDINATION. FINAL SIZES AND ROUTINGS OF THE CROSS MAINS SHALL BE DETERMINED BY THE INSTALLING FIRE SPRINKLER CONTRACTOR, BUT EFFORTS TO USE THE LOCATIONS SHOWN HEREIN SHOULD BE MADE.

IT IS NOT THE INTENT OF THIS PIPE ROUTING TO SUGGEST THAT ONLY TREE SYSTEMS OR GRID SYSTEMS ARE TO BE USED, BUT TO ENSURE THERE ARE ENOUGH CROSS MAINS TO PROVIDE A POINT OF SUPPLY TO ALL AREAS & BRANCH LINES.

THE INSTALLING CONTRACTOR WILL NEED TO COORDINATE WITH ALL OTHER DISCIPLINES AT ALL TIMES, ESPECIALLY THE MECHANICAL CONTRACTOR, AS THERE WILL BE LIMITED SPACE ABOVE CEILINGS IN SOME AREAS.

WATER FLOW TEST:

WATER FLOW TEST HAS NOT BEEN PROVIDED DURING THE DESIGN.

THE SUCCESSFUL BIDDER SHALL CONDUCT A NEW WATER FLOW TEST PRIOR TO DESIGN AND ORDERING OR THE FIRE PUMP TO VERIFY THERE HAS BEEN NO SIGNIFICANT CHANGES IN THE WATER SUPPLY, AND SHALL PROVIDE RESULTS (DATE, TIME, WITNESSES, ETC.) OF THE NEW WATER FLOW TEST IN THE SUBMITTAL DOCUMENTS.



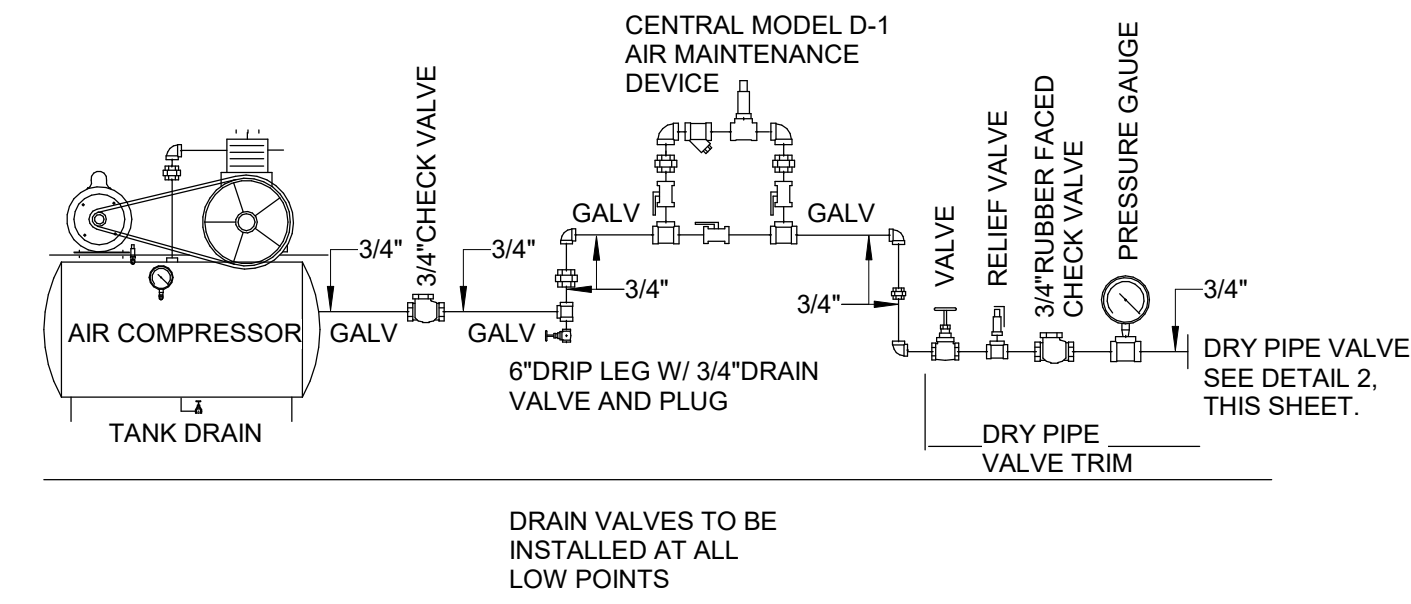
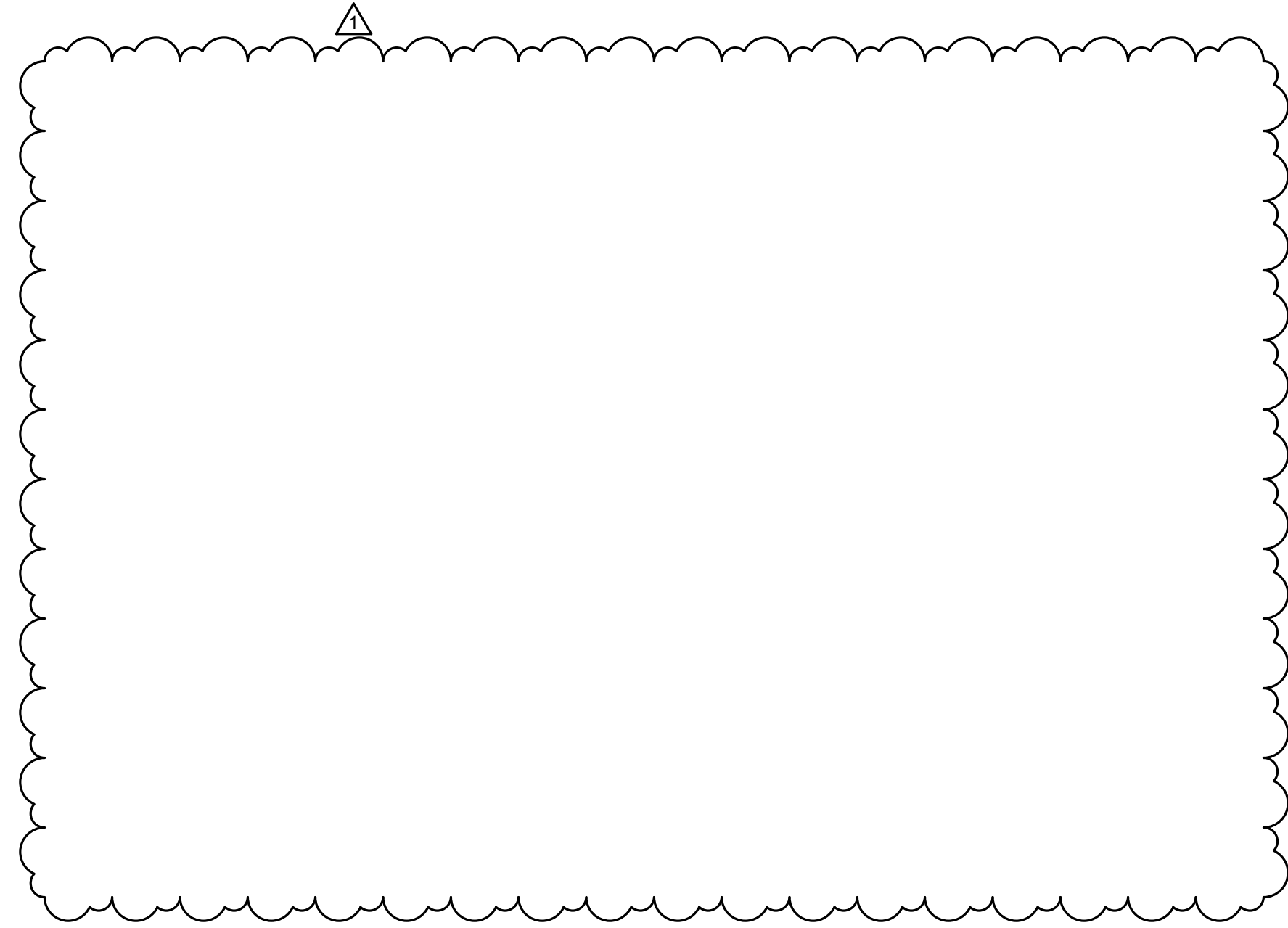
3332 Old Montgomery Hwy,
Suite 103
Birmingham, AL 35209
Phone: (205) 224-0550



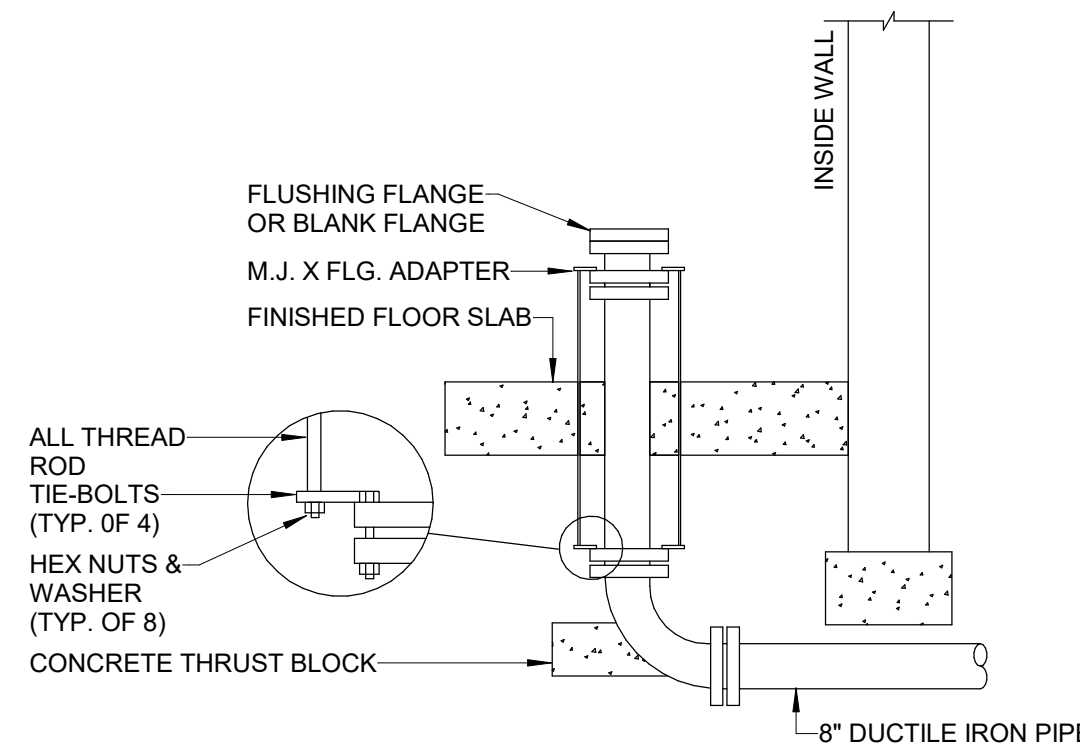
Revisions	1	08/15/23	44026200100 3
sheet title	GENERAL NOTES AND DETAILS - FIRE PROTECTION		
job no.	4308		
desn. by	NEL	check. by	CPS
date	August 5, 2023	sheet no.	1 of 8
date	August 5, 2023	sheet no.	1 of 8
© Evan Terry Associates, LLC 2023			

**Mobile Civic Center
Parking Facility**
Mobile, Alabama

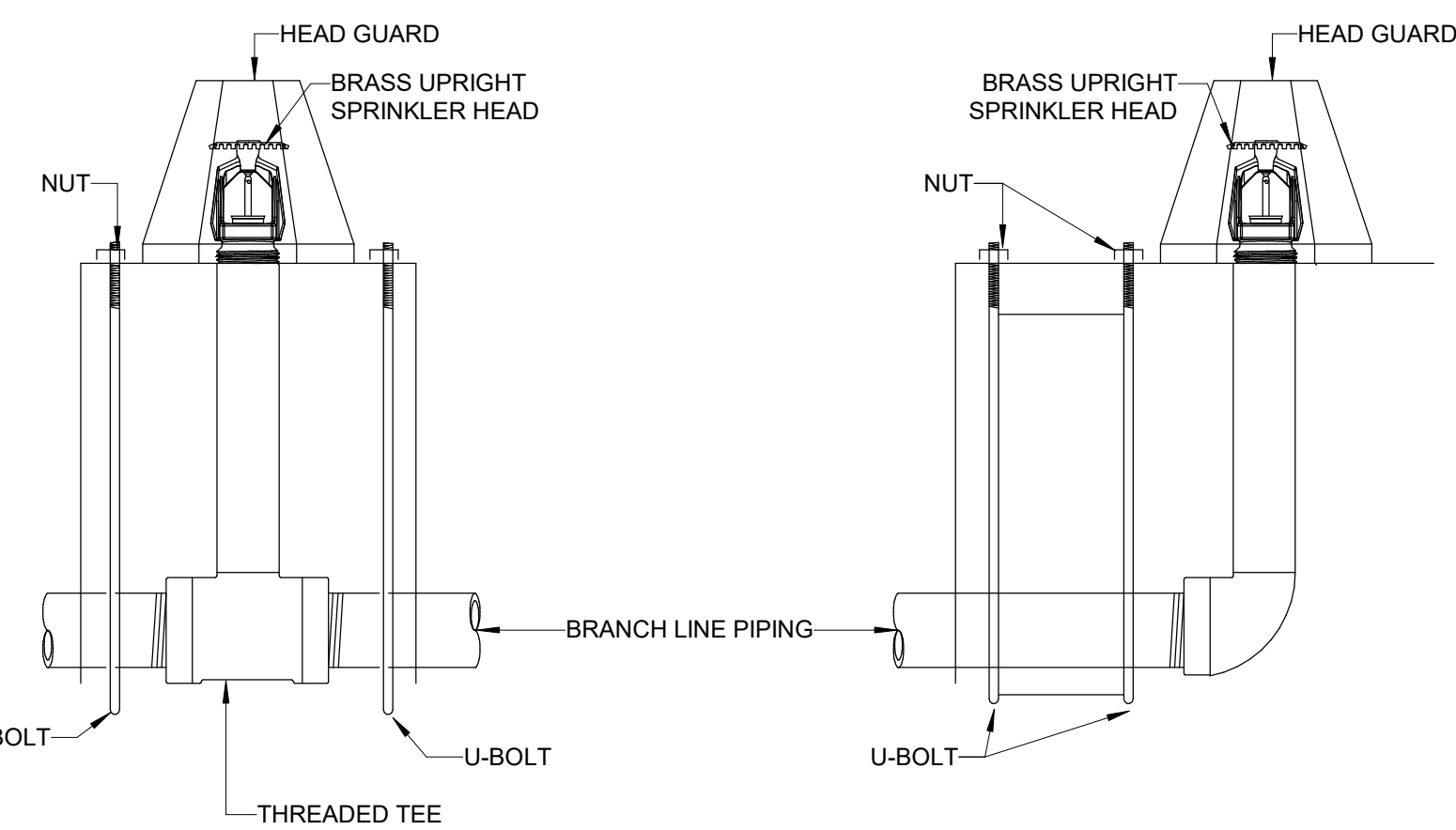
9/11/2023 10:43:43 AM C:\000 Revit_Locate\2023\12-22-0093-FIRE-MF-RV722_Membranda67ZL.rvt



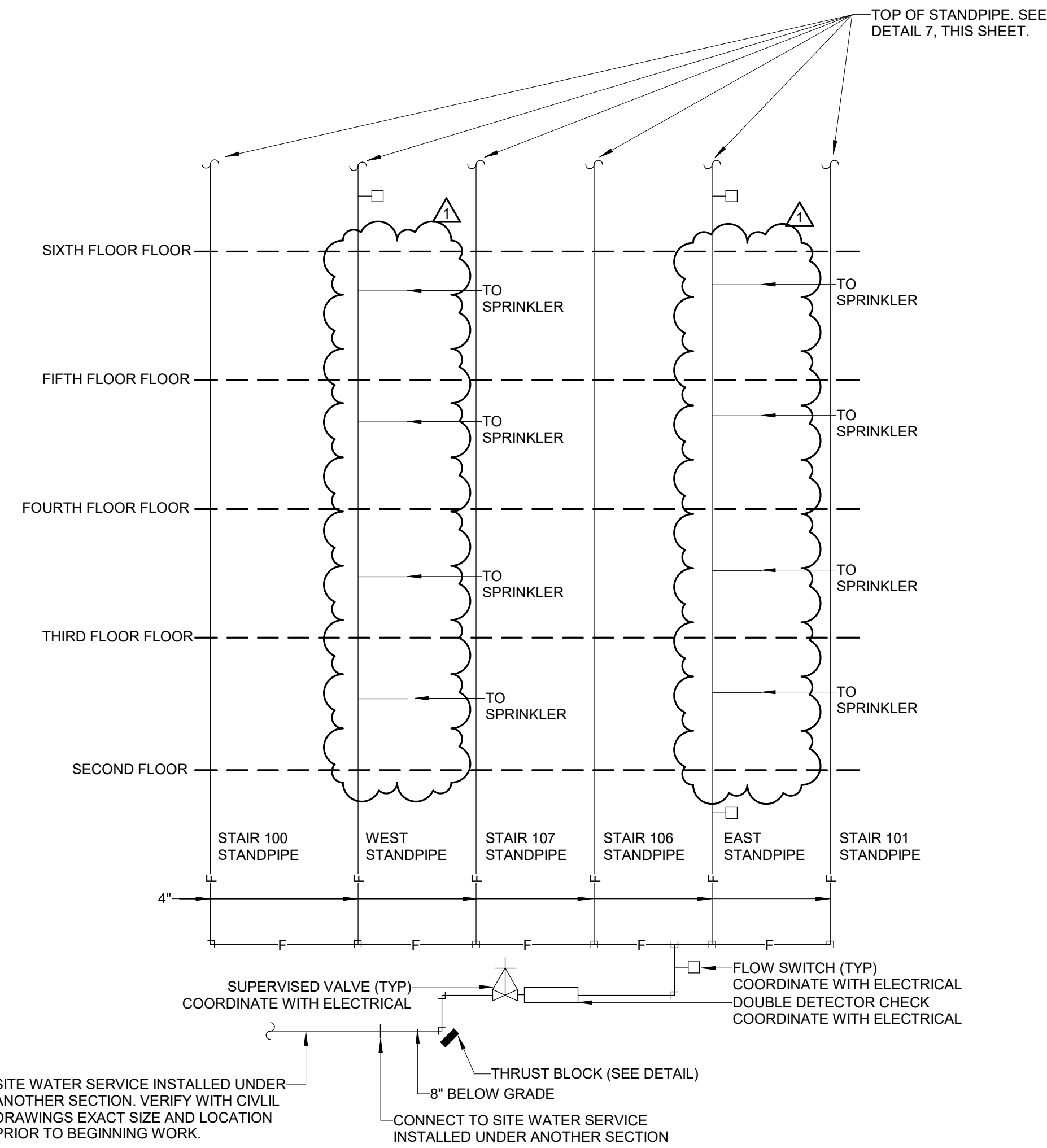
8 FP AIR COMPRESSOR DETAIL
NOT TO SCALE



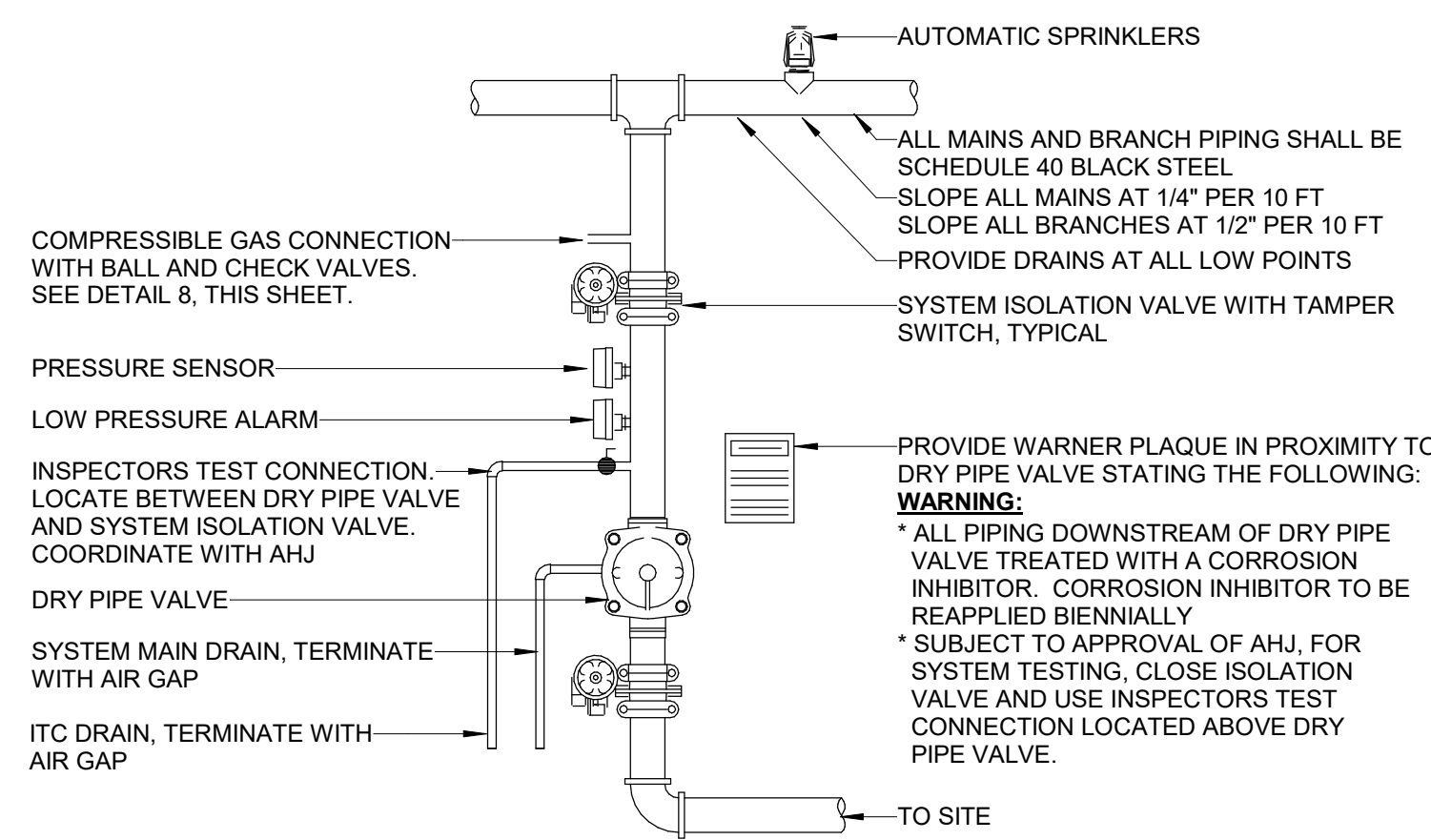
6 DETAIL OF FIRE SERVICE ENTRY W/ THRUST BLOCK
NOT TO SCALE



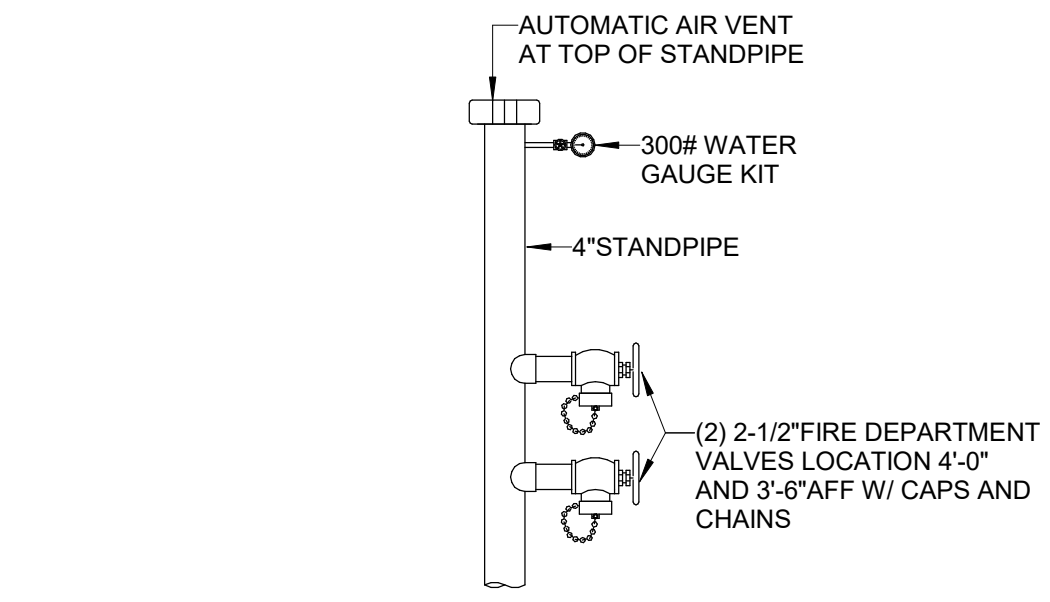
3 UPRIGHT SPRINKLER HEAD ON 1\"/>



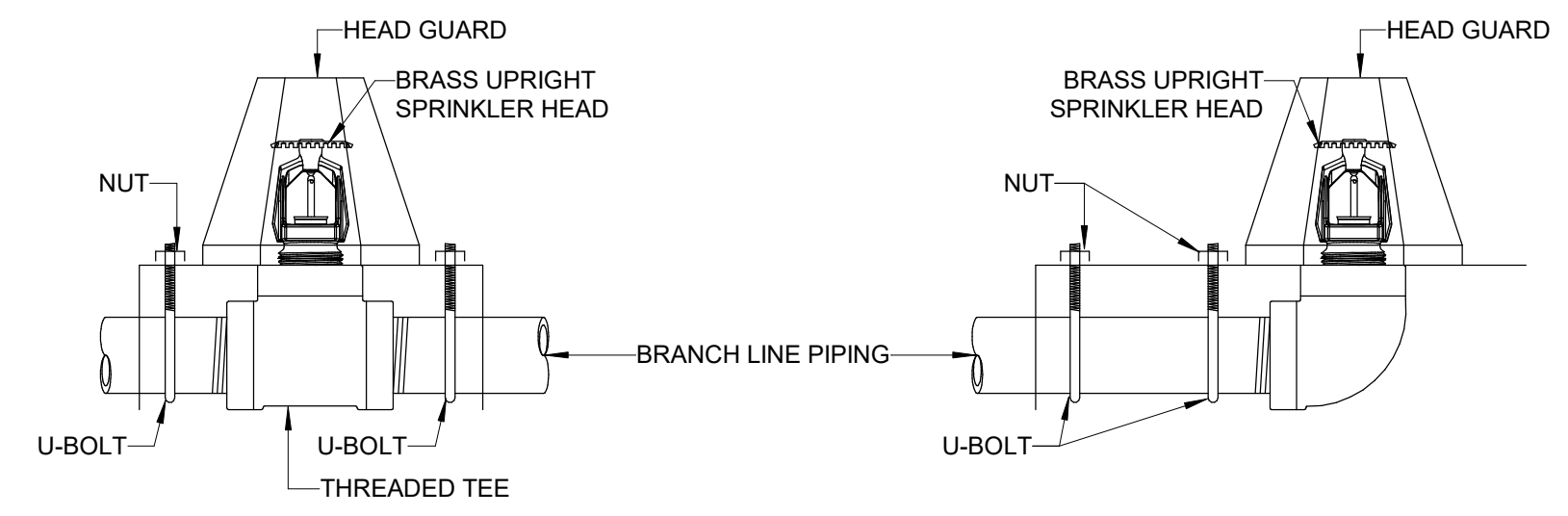
5 SCHEMATIC OF FIRE SERVICE ENTRY
NOT TO SCALE



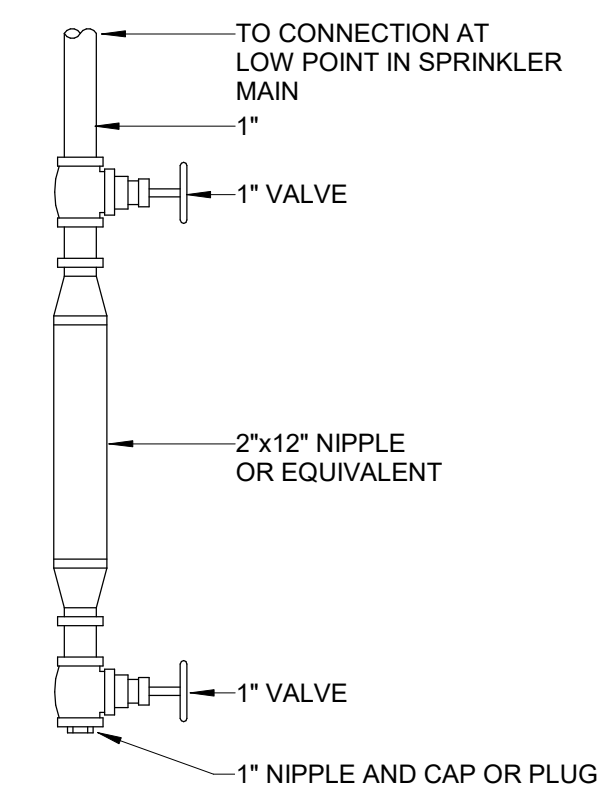
2 DETAIL OF FIRE PROTECTION DRY PIPE SYSTEM
NOT TO SCALE



7 CLASS I TOP OF STANDPIPE DETAIL
NOT TO SCALE



4 UPRIGHT SPRINKLER HEAD W/ GUARD DETAIL
NOT TO SCALE



1 DETAIL OF DRY SYSTEM AUXILIARY DRAIN
NOT TO SCALE



3332 Old Montgomery Hwy,
Suite 103
Birmingham, AL 35209
Phone: (205) 224-0550

CC-085-22

**Mobile Civic Center
Parking Facility**
Mobile, Alabama

**Evan Terry
Associates LLC**
Architecture • Accessible Design
One Perimeter Park South Suite 2005
Birmingham, AL 35243 (205) 972-9100

Revisions
1 08/15/23 440200000 3

sheet title
FIRE DETAILS - FIRE PROTECTION

job no. **4308**
designed by NEL
checked by CPS

page no. **107**
of 158

F2.01
2 of 8
date August 5, 2023

© Evan Terry Associates, LLC 2023

Mobile Civic Center Parking Facility

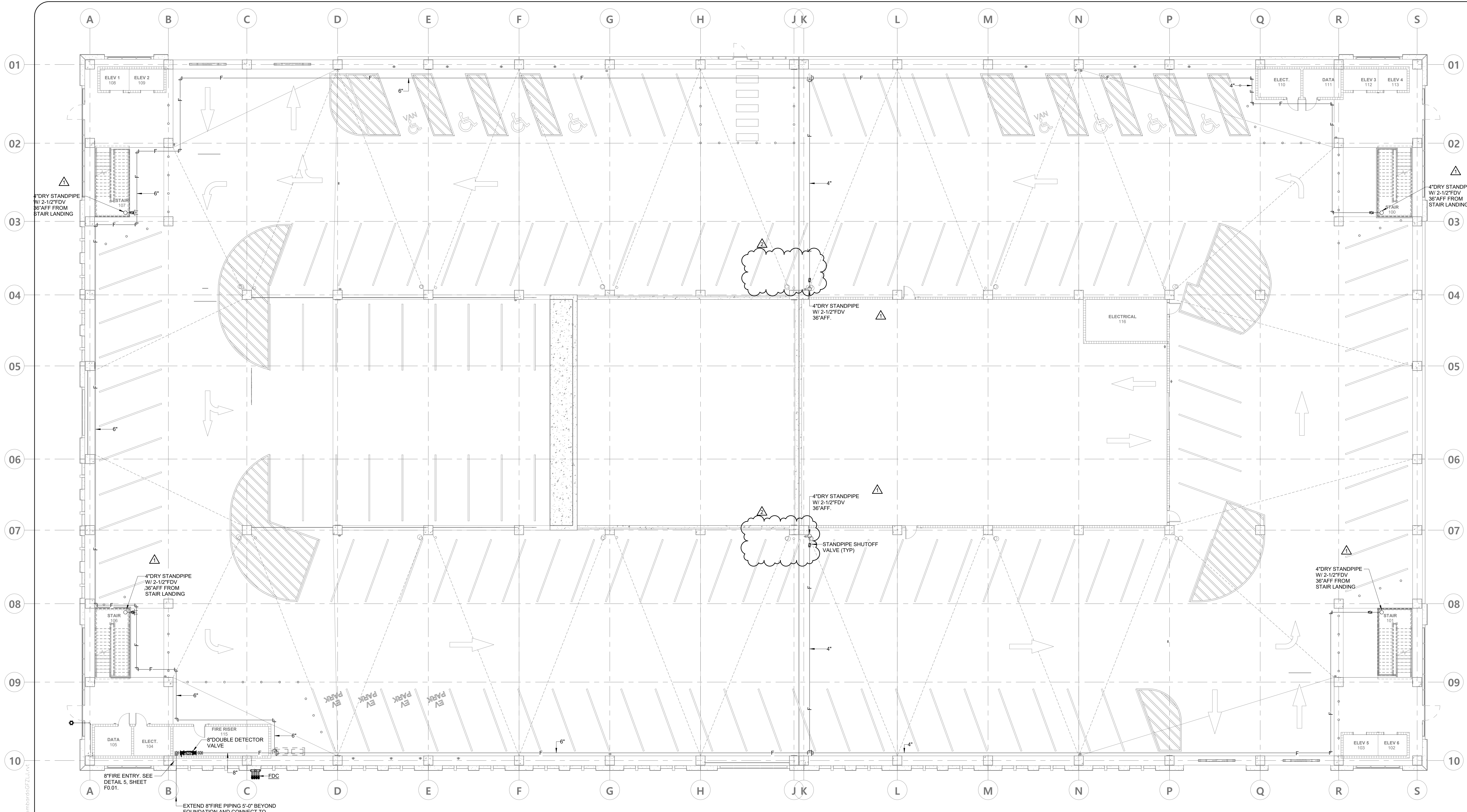
Mobile, Alabama



Evan Terry Associates LLC
Architecture • Accessible Design
One Perimeter Park South Suite 2005
Birmingham, AL 35243 (205) 972-9100

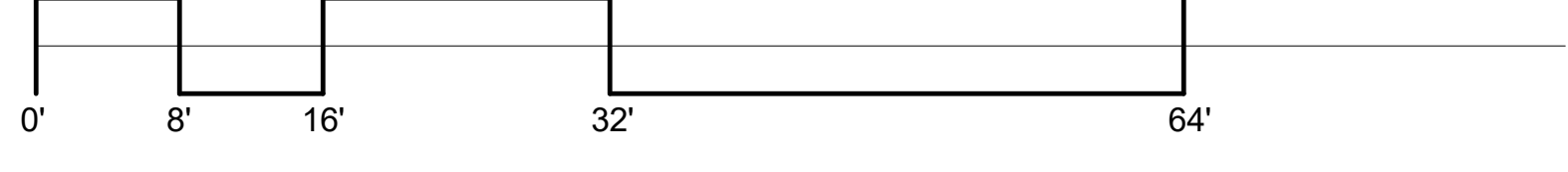
Revisions	
1	08/25/23 REVISION 1
2	09/17/23 REVISION 2

sheet title	
LAYOUT PLAN - LEVEL 1 - OVERALL FIRE PROTECTION	
job no.	4308
drawn by	NEL
checked by	CPS
sheet no.	108 of 158
F2.10	
date August 5, 2023	
© Evan Terry Associates, LLC 2023	



LAYOUT PLAN - LEVEL 1 - FIRE PROTECTION

SCALE: 3/32" = 1'-0"

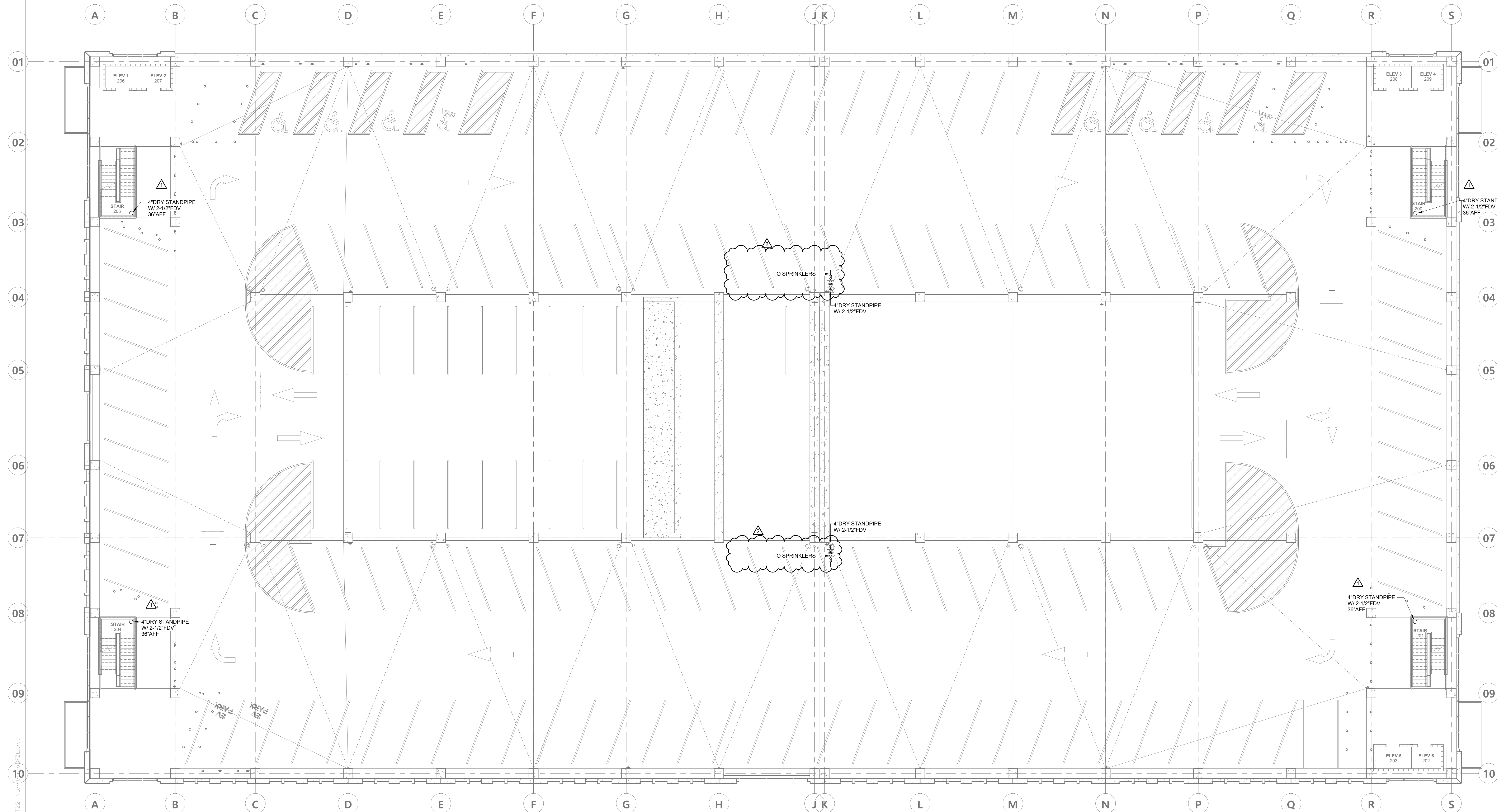


3332 Old Montgomery Hwy,
Suite 103
Birmingham, AL 35209
Phone: (205) 224-0550

CC-085-22

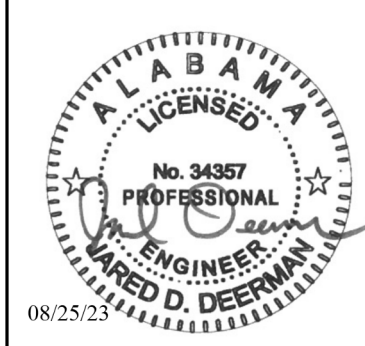
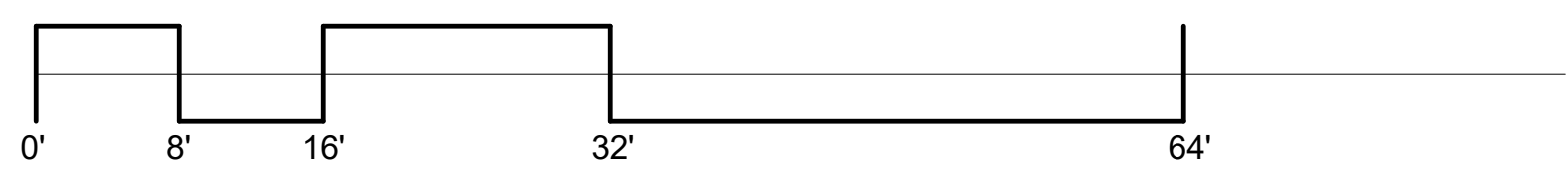
Mobile Civic Center Parking Facility

Mobile, Alabama



LAYOUT PLAN - LEVEL 2 - FIRE PROTECTION

SCALE: 3/32" = 1'-0"



Evan Terry Associates LLC
 Architecture • Accessible Design
 One Perimeter Park South Suite 2005
 Birmingham, AL 35243 (205) 972-9100

Revisions	
1	08/25/23 HARBORW 1 HARBORW 3
2	09/17/23

sheet title	
LAYOUT PLAN - LEVEL 2 - OVERALL FIRE PROTECTION	
job no.	4308
drawn by	NEL
checked by	CPS
sheet no.	109 of 158
F2.20	
date August 5, 2023	
© Evan Terry Associates, LLC 2023	

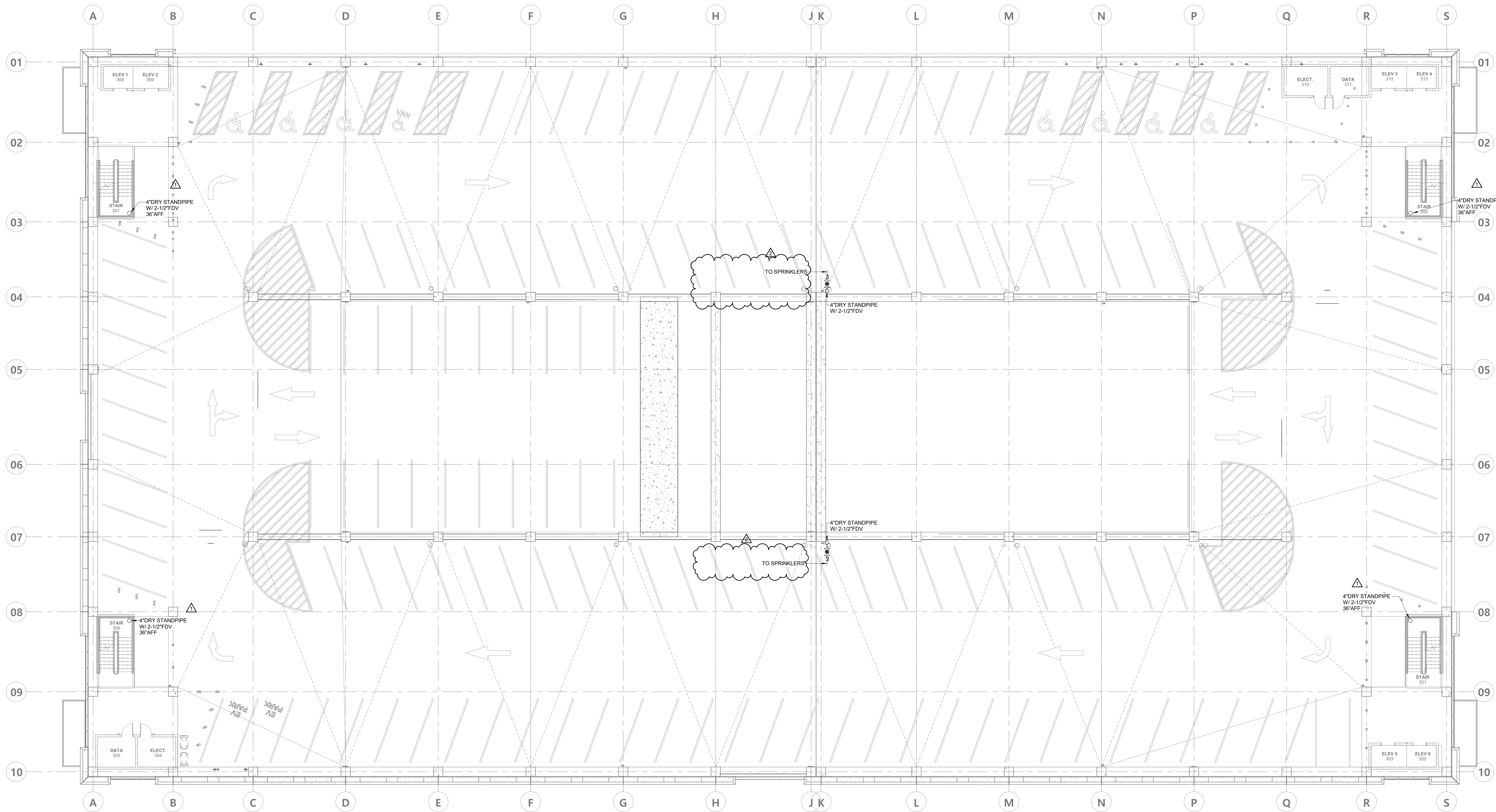


3332 Old Montgomery Hwy,
 Suite 103
 Birmingham, AL 35209
 Phone: (205) 224-0550

9/11/2023 10:43:47 AM C:\000 Revit_Locate\2023\12-22-0083-RFME-MF-RVT22_Mobile_Parking_F2.Lin.dwg

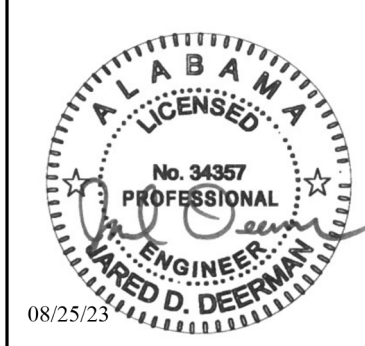
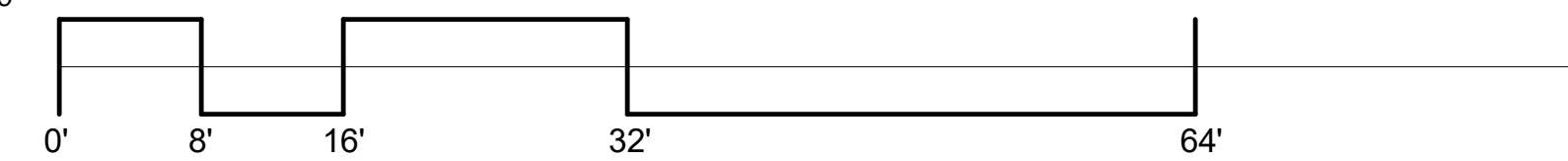
Mobile Civic Center Parking Facility

Mobile, Alabama



LAYOUT PLAN - LEVEL 3 - FIRE PROTECTION

SCALE: 3/32" = 1'-0"



Evan Terry Associates LLC
 Architecture • Accessible Design
 One Perimeter Park South Suite 2005
 Birmingham, AL 35243 (205) 972-9100

Revisions	DATE	BY	REASON
1	08/25/23	NEP	ISSUED FOR PERMIT
2	09/17/23	NEP	ISSUED FOR PERMIT



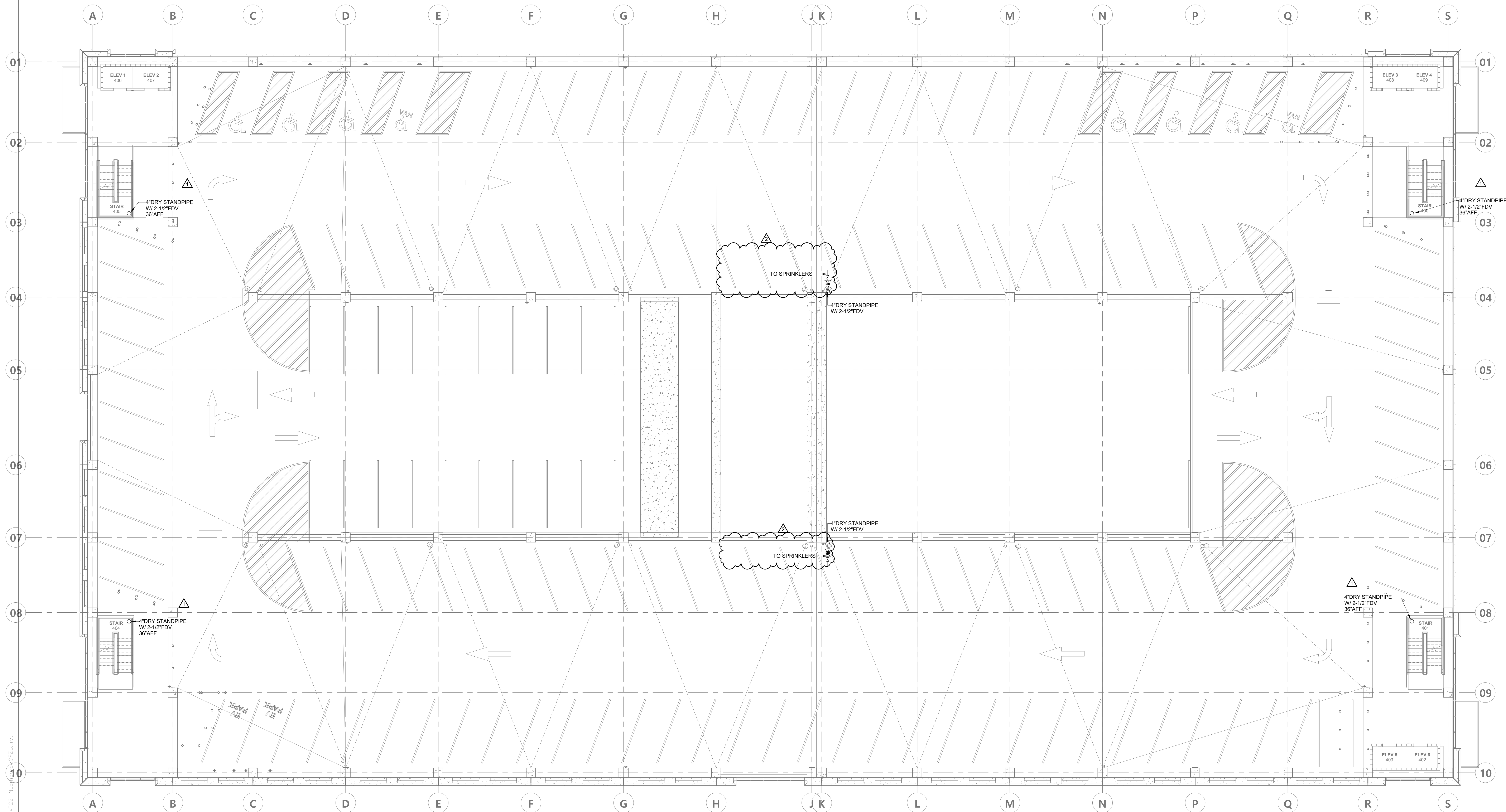
3332 Old Montgomery Hwy,
 Suite 103
 Birmingham, AL 35209
 Phone: (205) 224-0550

sheet title	LAYOUT PLAN - LEVEL 3 - OVERALL FIRE PROTECTION
job no.	4308
drawn by	NEP
checked by	CPS
sheet no.	110 of 158
date	August 5, 2023
project no.	F2.30

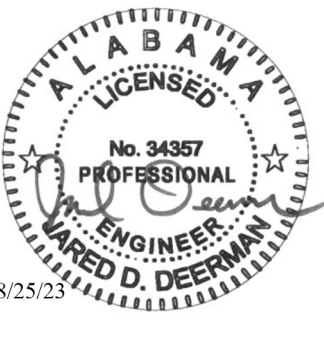
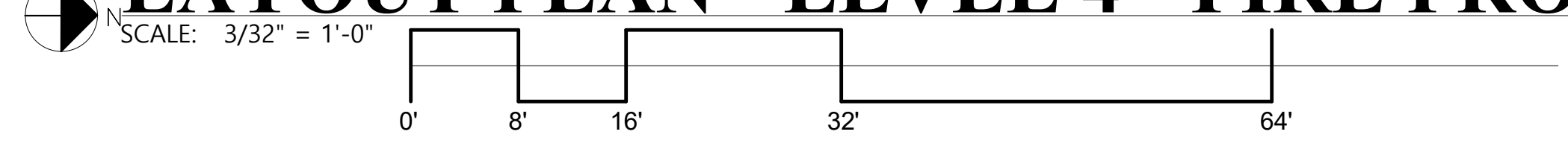
9/11/2023 10:43:49 AM C:\000_Revit_Locate\2023\12-22-0093-RF-FM-FV722_MobileCivicCenter.dwg

Mobile Civic Center Parking Facility

Mobile, Alabama



LAYOUT PLAN - LEVEL 4 - FIRE PROTECTION



Evan Terry Associates LLC
 Architecture • Accessible Design
 One Perimeter Park South Suite 2005
 Birmingham, AL 35243 (205) 972-9100

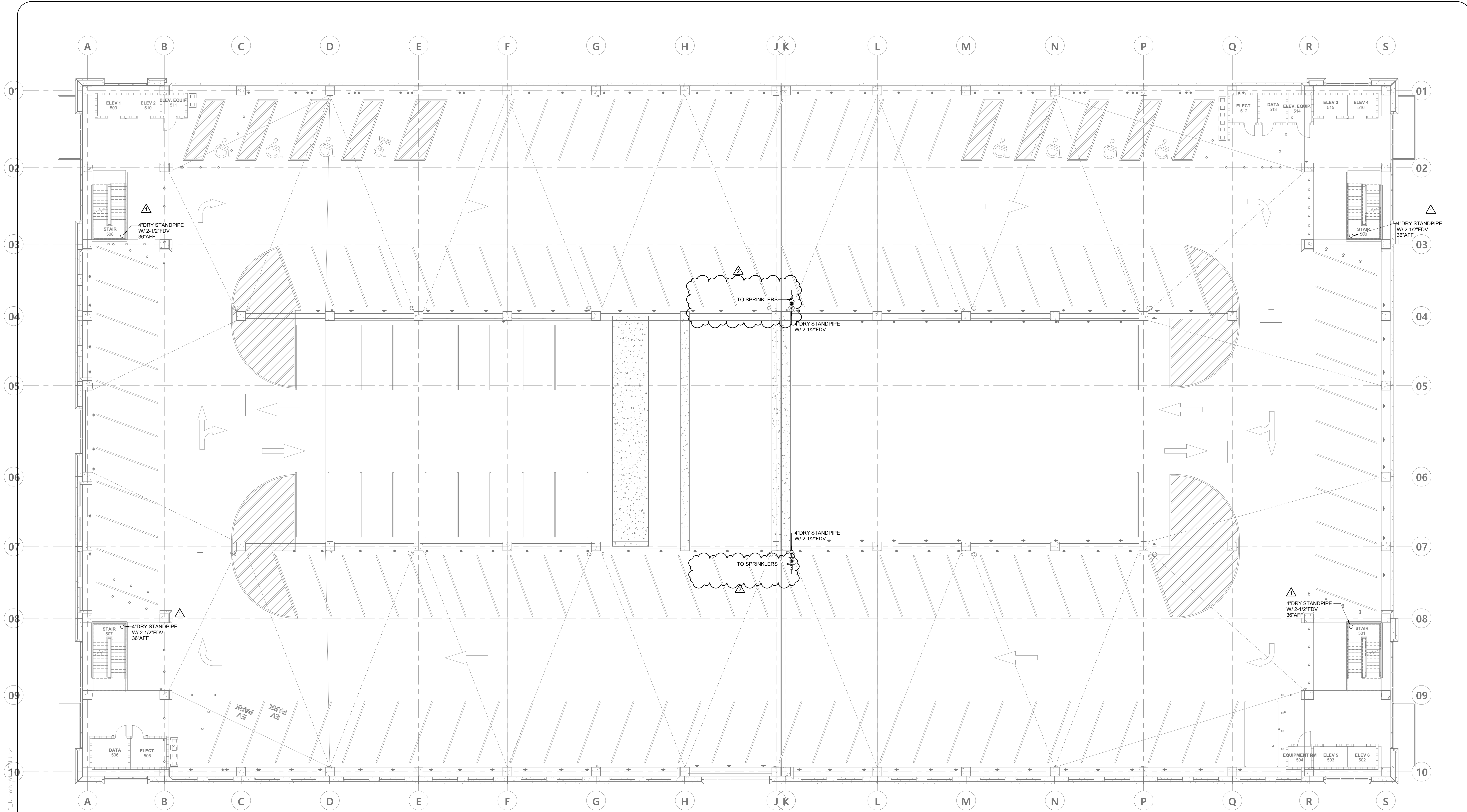
Revisions	Date	Description
1	08/25/23	ISSUED FOR PERMIT
2	09/19/23	ISSUED FOR CONSTRUCTION

sheet title	
LAYOUT PLAN - LEVEL 4 - OVERALL FIRE PROTECTION	
job no.	4308
designed by	NEL
checked by	CPS
sheet no.	111
total sheets	158
F2.40	
date August 5, 2023	
© Evan Terry Associates, LLC 2023	



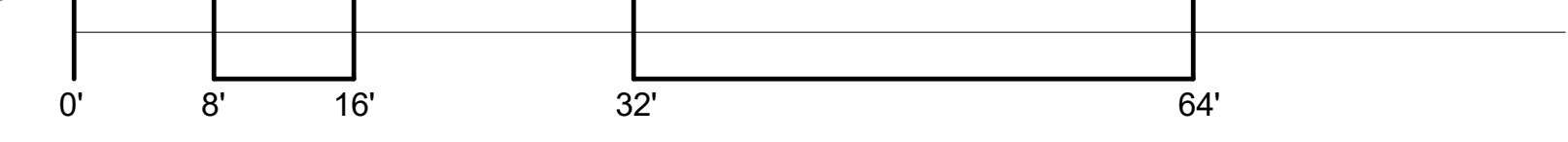
3332 Old Montgomery Hwy,
 Suite 103
 Birmingham, AL 35209
 Phone: (205) 224-0550

9/11/2023 10:43:51 AM C:\000 Revit_Locate\2023\12-22-0093-RTIME_MPF-RVT22_Mobile\CC-085-22\F2.40.dwg



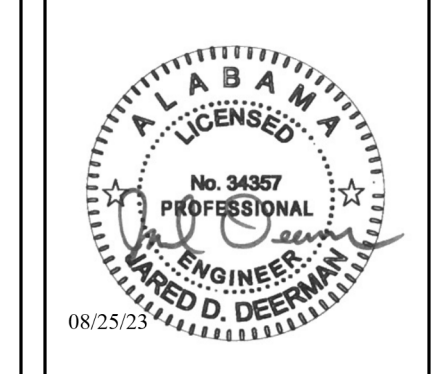
LAYOUT PLAN - LEVEL 5 - FIRE PROTECTION

SCALE: 3/32" = 1'-0"



9/11/2023 10:43:57 AM C:\000_Revit_Locate\2023\12-22-0093-RTIME_MF-RV722_Merced\Level

**Mobile Civic Center
Parking Facility**
Mobile, Alabama



Evan Terry Associates LLC
Architecture • Accessible Design
One Perimeter Park South Suite 2005
Birmingham, AL 35243 (205) 972-9100

Revisions	
1	08/25/23 1405001W 1405001W 3
2	09/17/23 1405001W 3

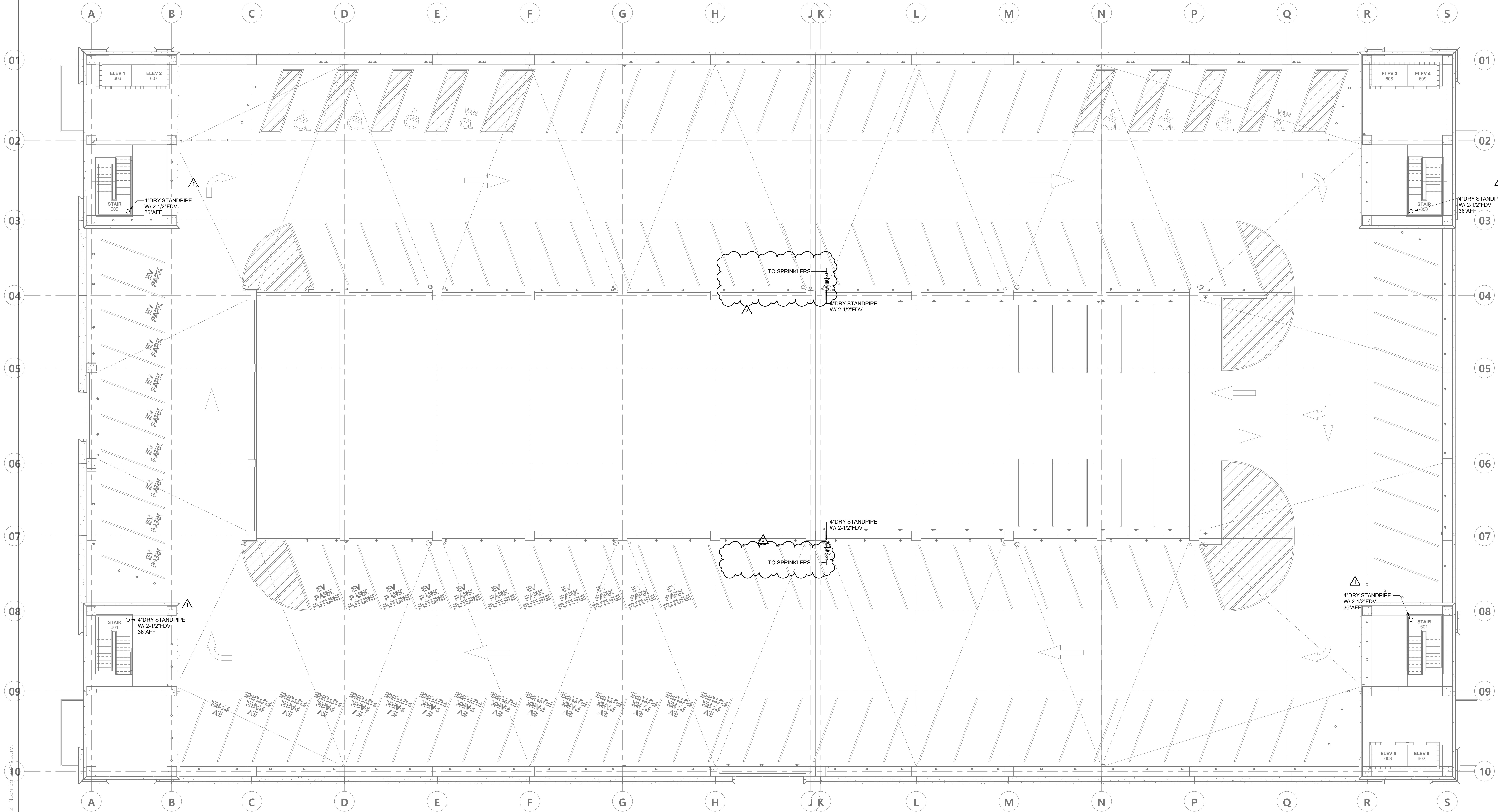


3332 Old Montgomery Hwy,
Suite 103
Birmingham, AL 35209
Phone: (205) 224-0550

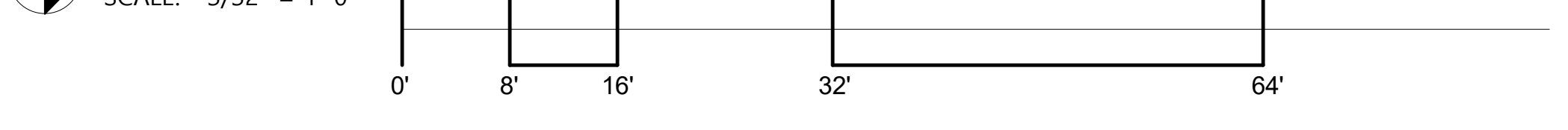
sheet title	LAYOUT PLAN - LEVEL 5 - OVERALL FIRE PROTECTION
job no.	4308
drawn by	NEL
checked by	CPS
sheet no.	112 of 158
date	August 5, 2023
© Evan Terry Associates, LLC 2023	

Mobile Civic Center Parking Facility

Mobile, Alabama



LAYOUT PLAN - LEVEL 6 - FIRE PROTECTION



Evan Terry Associates LLC
 Architecture • Accessible Design
 One Perimeter Park South Suite 2005
 Birmingham, AL 35243 (205) 972-9100

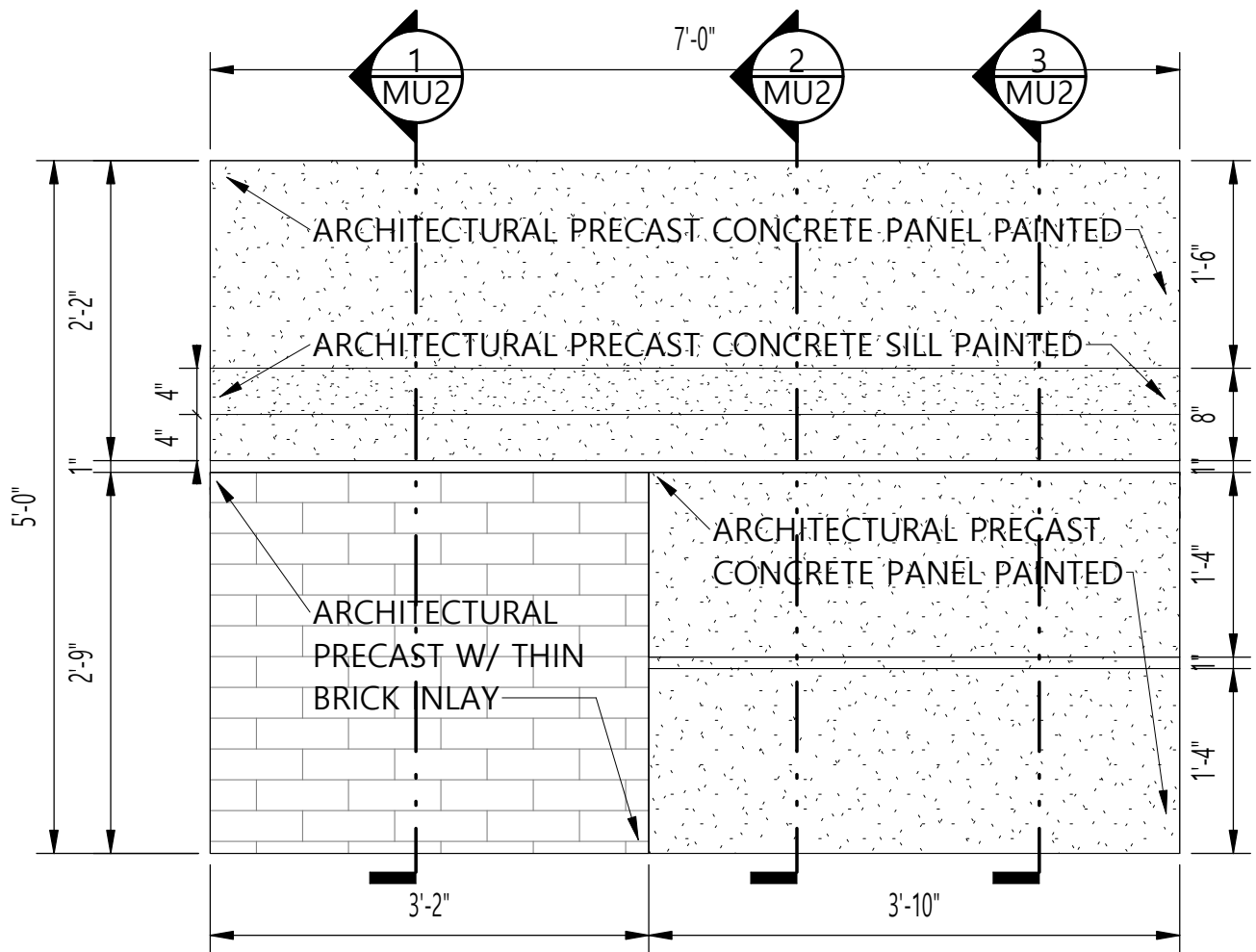
Revisions	
1	08/25/23 1402601W 1 1402601W 3
2	09/17/23 1402601W 2 1402601W 3



3332 Old Montgomery Hwy,
 Suite 103
 Birmingham, AL 35209
 Phone: (205) 224-0550

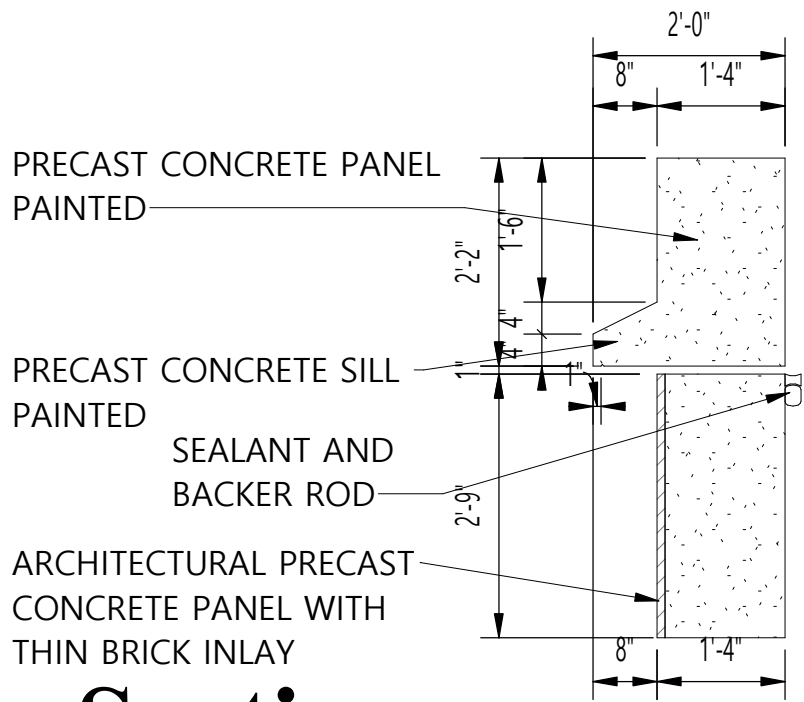
sheet title	LAYOUT PLAN - LEVEL 6 - OVERALL FIRE PROTECTION
job no.	4308
drawn by	NEL
checked by	CPS
sheet no.	113 of 158
date	August 5, 2023
sheet no.	F2.60
sheet no.	B of B
© Evan Terry Associates, LLC 2023	

3/11/2023 10:44:00 AM C:\000 Revit_Locate\2023\12-22-0083-RTIME MF-RV722_Mobile\Level 6

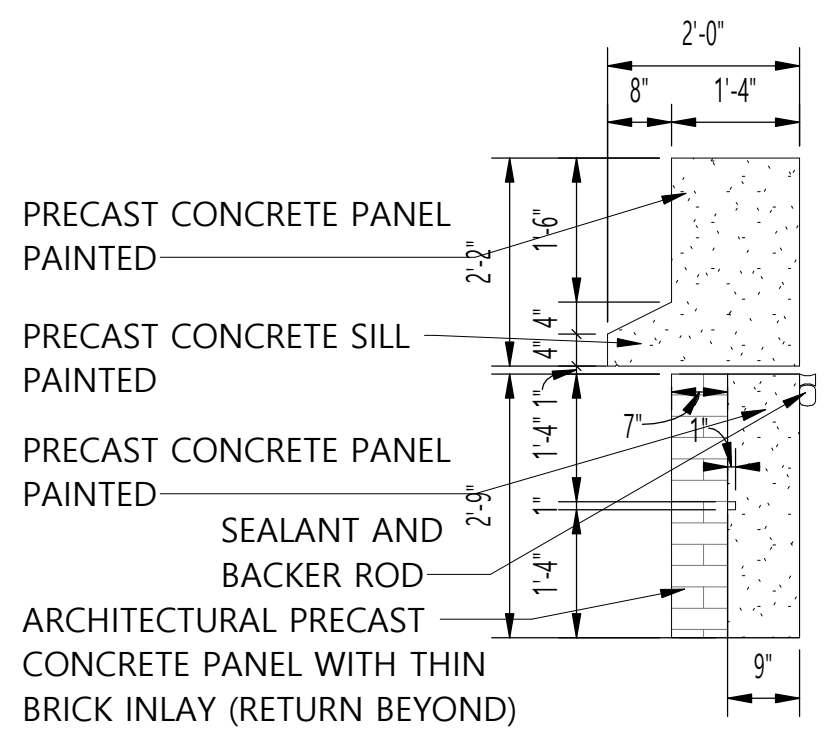


MOCKUP PANEL - PRECAST

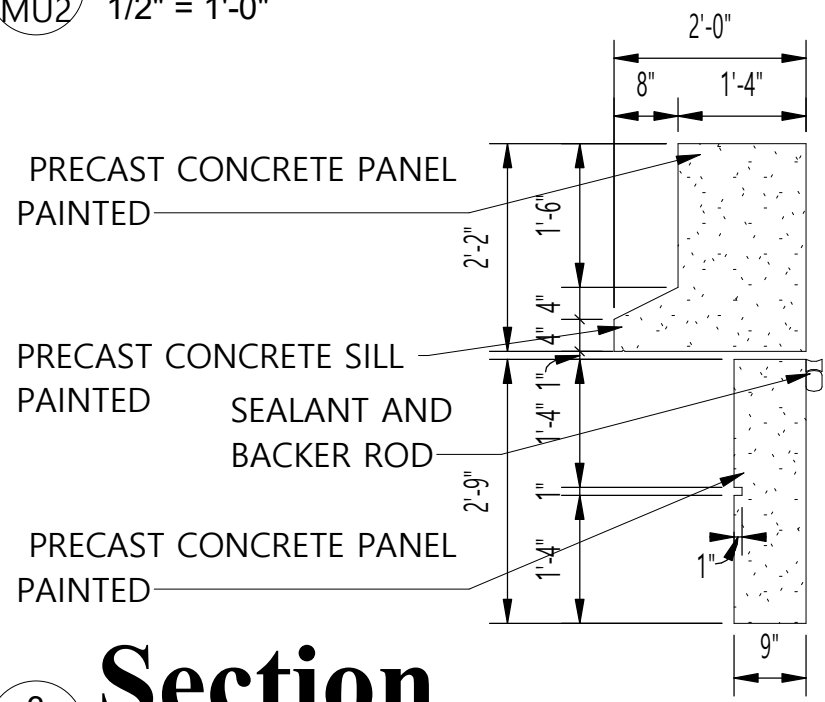
SCALE: 3/4" = 1'-0"



1
Section
 MU2 1/2" = 1'-0"



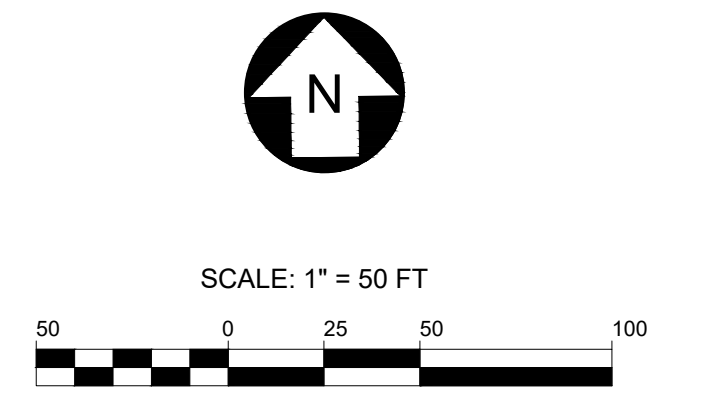
2
Section
 MU2 1/2" = 1'-0"



3
Section
 MU2 1/2" = 1'-0"

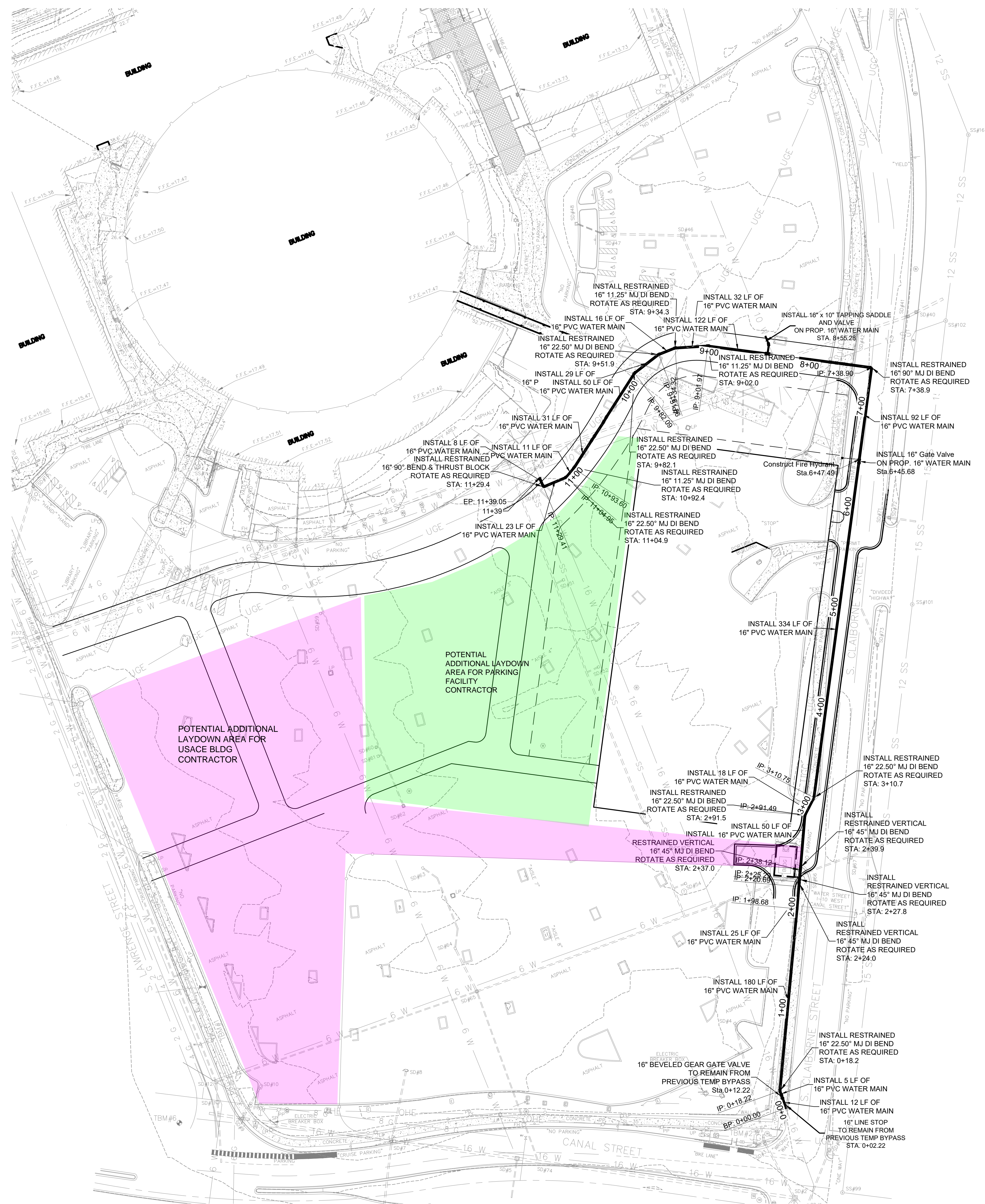
SYMBOLS LEGEND:

SCALE BAR AND NORTH ARROW:



GENERAL NOTES:

- B) THE PROPOSED 8" SANITARY SEWER LINE HAS BEEN REMOVED



BAA 501011333 (Mobile, AL) (Design) (Mechanical) (202101) (18424) (MOBILE) (AEC) (2021) of
 Wight & Co., © Copyright 2018. All rights reserved. No part of these documents may be reproduced, stored, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written consent of Wight & Co.



ARCHITECT
 Wight & Company
 211 N. Clinton St.
 Chicago, IL 60661
 (312) 261-5700
 Design Firm Registration
 #184-000451

DEVELOPER
 FD Stonewater
 1001 N. 19th St.
 Arlington, VA 22209
 (703) 537-7650

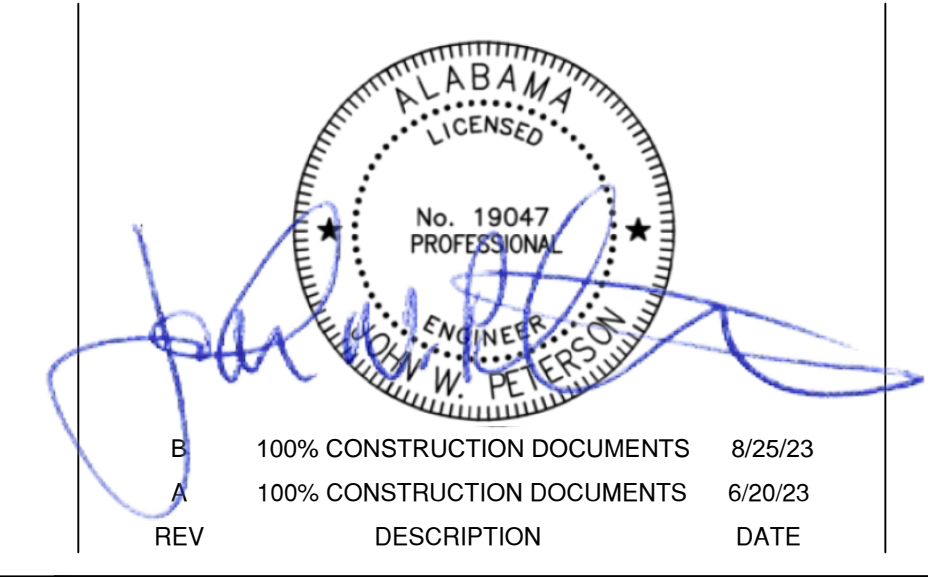
CONTRACTOR
 Harvey Cleary
 6710A Rockledge Dr.
 Suite #430
 Bethesda, MD 20817
 (301) 519-2288

CIVIL ENGINEER
 Mott MacDonald
 107 Saint Francis St.
 Suite 2900
 Mobile, AL 36602
 (251) 343-4366

STRUCTURAL ENGINEER
 Wight & Company
 2500 N. Frontage Rd.
 Darien, IL 60561
 (630) 969-7000

MEP ENGINEER
 Elen Consulting INC.
 Chesapeake INC.
 Suite 220
 San Diego, CA 92123
 (619) 550-1085

LANDSCAPE ARCHITECT
 Wight & Company
 2500 N. Frontage Rd.
 Darien, IL 60561
 (630) 969-7000



NEW USACE OFFICE BUILDING
 MOBILE, ALABAMA

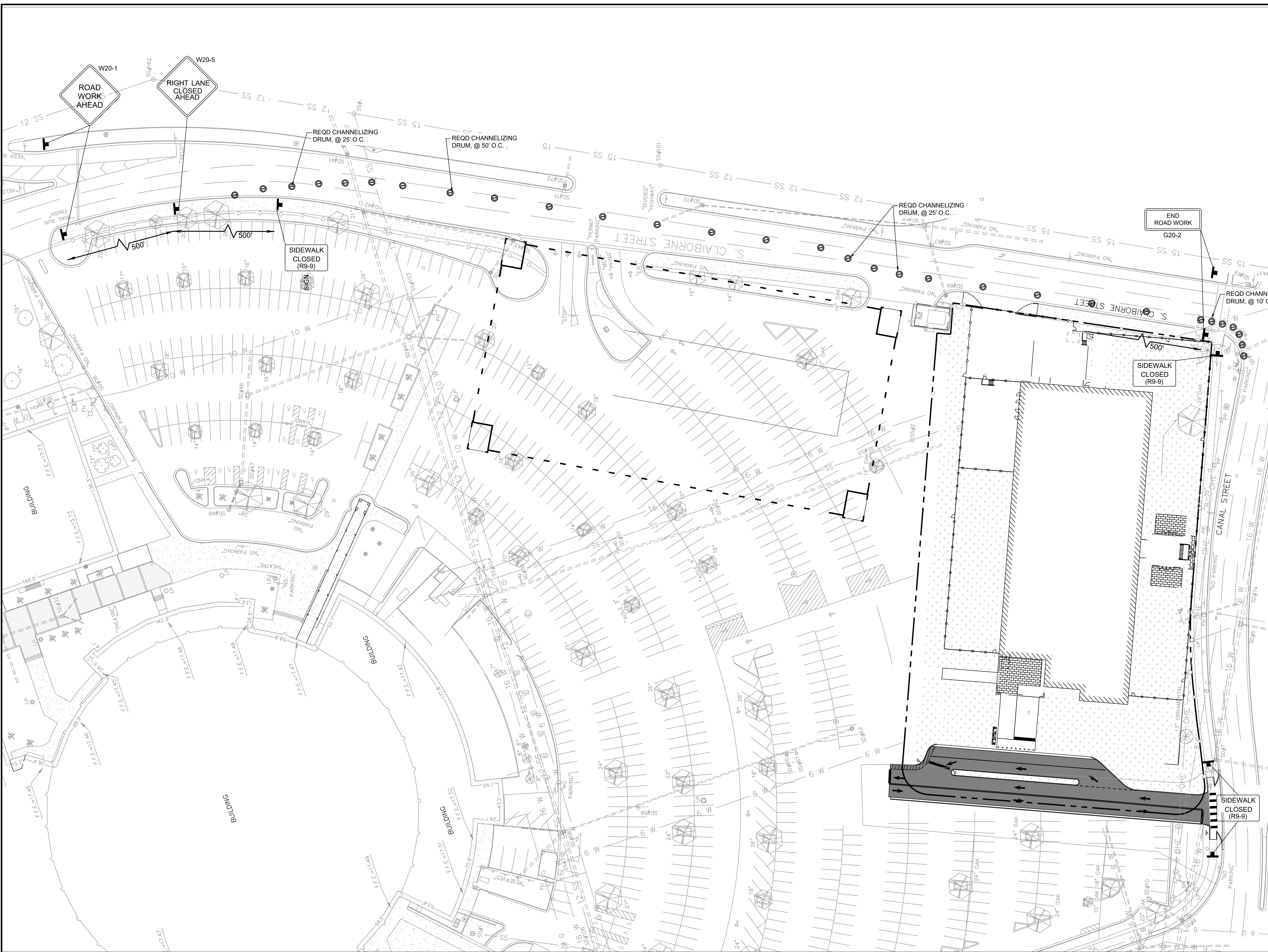
100 CANAL STREET
 MOBILE, AL 36602
 Designed By: J. MCALISTER
 Drawn By: J. MCALISTER
 Checked By: J. MURPHY
 Approved By: J. PETERSON

OVERALL SITE UTILITY PLAN

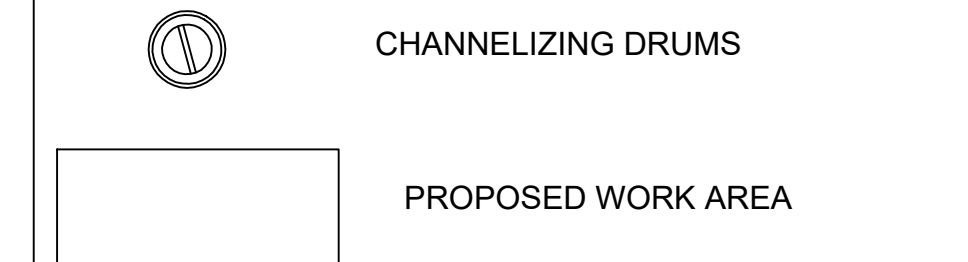
Project #: 502101133
 Sheet:

C6.0

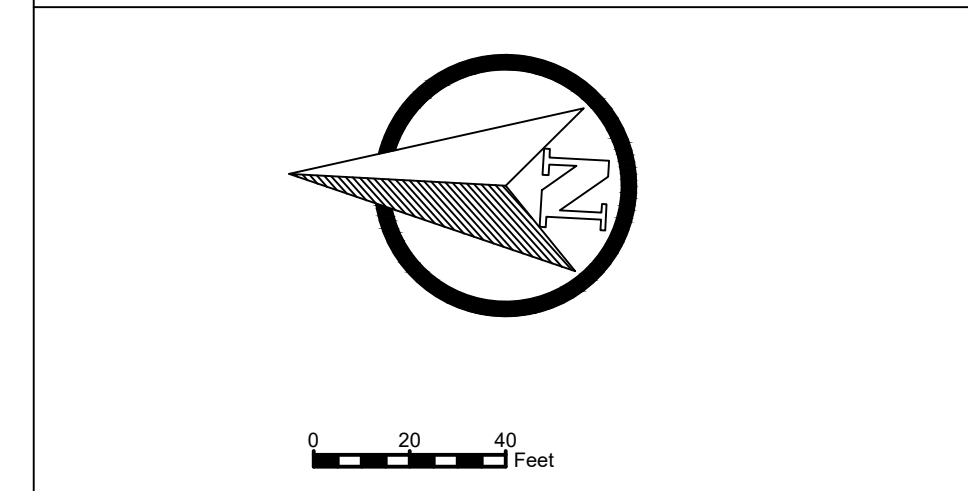
BAA 50101133A2 Mobile, AL (Event) 5/20/2010 11:58:42 AM (FILE) 4/24/2010 04:00:00
 Wight & Co., © Copyright 2010. All rights reserved. No part of these documents may be reproduced, stored, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written consent of Wight & Co.



SYMBOLS LEGEND:



SCALE BAR AND NORTH ARROW:



GENERAL NOTES:

SEQUENCE OF CONSTRUCTION

S. CLAIBORNE STREET:

- THE CONTRACTOR SHALL:
- ERECT ALL TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES FOR WORK ALONG S. CLAIBORNE STREET.
 - PERFORM CONSTRUCTION WORK ALONG S. CLAIBORNE STREET.
 - REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES.
 - ALL TRAFFIC CONTROL DEVICES MUST BE IN ACCORDANCE TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) LATEST EDITION.

TCP QUANTITIES			
DESCRIPTION	SIGNS	SIZE	COUNT
RIGHT LANE CLOSED	W20-5	48"X48"	1
ROAD WORK AHEAD	W20-1	36"X36"	2
END ROAD WORK	G20-2A	36"X18"	2
SIDEWALK CLOSED	R9-9	18"X12"	4
CHANNELIZING DRUMS			30

NOTE: ALL SIGNS ARE TEMPORARILY MOUNTED UNLESS WORK OCCURS FOR LONGER THAN FOUR (4) DAYS.

NOTE: REFERENCE ALDOT TRAFFIC CONTROL SHEETS: 2001, 2001A, 2002, & 2008.



ARCHITECT
Wight & Company
211 N. Clinton St.
Chicago, IL 60661
(312) 261-5700
Design Firm Registration
#184-000451

DEVELOPER
FD Stonewater
1001 N. 19th St.
Arlington, VA 22209
(703) 537-7650

CONTRACTOR
Harvey Cleary
6710A Rockledge Dr.
Suite #430
Bethesda, MD 20817
(301) 519-2288

CIVIL ENGINEER
Mott MacDonald
107 Saint Francis St.
Suite 2900
Mobile, AL 36602
(251) 343-4366

STRUCTURAL ENGINEER
Wight & Company
2500 N. Frontage Rd.
Darien, IL 60561
(630) 969-7000

MEP ENGINEER
Elen Consulting INC.
Chesapeake INC.
Suite 220
San Diego, CA 92123
(619) 550-1085

LANDSCAPE ARCHITECT
Wight & Company
2500 N. Frontage Rd.
Darien, IL 60561
(630) 969-7000



NEW USACE OFFICE BUILDING
MOBILE, ALABAMA
100 CANAL STREET
MOBILE, AL 36602

Designed By: J. MCALISTER
Drawn By: J. MCALISTER
Checked By: J. MURPHY
Approved By: J. PETERSON

REV	DESCRIPTION	DATE
A	100% CONSTRUCTION DOCUMENTS	6/20/23

CONSTRUCTION SEQUENCE/TRAFFIC CONTROL PLAN

Project #: 502101133
Sheet:

C7.1