



**Invitation to Bid: Construction Fire Station 49  
Addendum 8  
November 10, 2025**

This is a cumulative response for architectural, structural, mechanical, electrical, plumbing and fire protection RFI's submitted to date.

Any revisions noted below will be incorporated into the plan set before permit application.

**NCFCRD Station #49 Precon RFI**

1. Can the attached equal epoxy floor products be reviewed and approved for inclusion in the base bid?
  - **No substitutions for the epoxy floor at this time.**
2. Please confirm the stainless-steel cabinetry is to be supplied and installed by GC.
  - **Yes.**
3. The bid documents reference ID (Interior Design) drawings. Please confirm if these drawings will be included in an upcoming addendum?
  - **No additional ID drawings shall be provided at this time. For clarity, any reference to ID shall be removed from the plans.**
4. Please advise who is responsible for providing and installing the natural gas line and indicate the point of connection and termination location for the natural gas service.
  - **The utility company is responsible for providing and installing the natural gas line up to the meter. There are two (2) gas meters on site, one located behind the Battalion Bunker on the north side of the building, the other located behind the Gear Bunker on the south side of the building. See sheet P1.3**
5. Please confirm whether spray foam insulation is required at the underside of the roof deck within the apparatus bays. If required, please specify the R-value and indicate whether the insulation is to be open-cell or closed-cell type.
  - **No Spray foam at the underside of the roof deck in the Apparatus Bay.**
6. We have noted that the building construction type is listed as Type II-B, which typically does not require spray-applied fireproofing. However, Sheet A0.22 references UL designs associated with fireproofing applications. Please confirm whether spray-applied fireproofing is required for this project, or if the UL designs shown on A0.22 were included in error.
  - **This is a standard detail but has no application for this project. It shall be removed from the plans.**
7. The floor plans have windows S3 & S4 in the apparatus Bay mislabeled. They should be S11 & S12 respectively, because they are 2-hr fire rated storefront assemblies. Please confirm.
  - **Confirmed. Those windows should be S11 and S12 respectively.**

8. The plumbing fixture schedule does not indicate model numbers for the following items:
  - a. Sink & Faucet HS (P1.2, A6.5)
    - **Kohler Lyric #K-RH23377-1PC and Kohler #K-22973-CP, as indicated on sheet P0.1.**
  - b. Eye Wash (P1.2, A6.5)
    - **Guardian #G1814P**
  - c. Wall-Mounted Lavatory Sinks & Faucets in Rooms RR-1, RR-2, RR-3, and RR-4 (P1.1, A6.3)
    - **Corian #8254 and Kohler #K-15182-4DRA-CP, as indicated on sheet P0.1**
9. Compressed air lines are not shown on the plumbing drawings. Please confirm whether any compressed air piping will be required in the Truck Bay area.
  - **No compressed air piping will be required.**
10. Plumbing gas plan on P1.3 states "see civil plan for continuation" near the Batt. Bunk, however, the civil utility plans do not show any gas lines. Please advise.
  - **Per Civil Engineer, gas service has not been coordinated with TECO to determine availability and potential routing on the site.**
11. The civil plans show a standard detail for the drivable 6" thick concrete surface around the property with welded wire mesh. See Heavy duty concrete detail on sheet 10 of 13. The structural plans call for 8" thick concrete surface around the property with #4 rebar. See sheet S3.0-1. Which design prevails? Please advise.
  - **Structural plans for "drivable surface" shall govern.**
12. Sheet A1.1 shows a flag pole near the station entrance. The civil plans do not show the flag pole or any detail for a foundation. Do we need to include a flagpole and foundation in our price? Please advise.
  - **Yes. See Attached detail for foundation information. Flagpole shall be a 35' x 7 "Acme Lingo" or approved equal with internal halyard. Brushed aluminum finish.**
13. Please confirm an ANSUL fire suppression system is required for the kitchen hood. Thank you.
  - **Yes, a fire suppression system is required for the hood. This is indicated on sheets M2.1 through M2.4**
14. Architectural plans A4.1 states that a lightning protection system is to be designed by others. Is the general contractor responsible for including the cost of the design, supply and install of a complete lightning protection system? Please confirm.
  - **Yes.**
15. Architectural sheet A2.3 clearly denotes what equipment is to be provided by the General contractor. It also clearly denotes which items are to be provided by the District. Who is to provide and install equipment that is not labeled? For example, who is responsible for supplying and installing the fuel pod? Please confirm.
  - **District shall provide and install equipment here UNLESS NOTED OTHERWISE. Note that The Generator and Fuel Pod have been corrected to be provided by the CONTRACTOR.**
16. Architectural sheet A2.3 states that all equipment is to be provided and installed by the District unless noted otherwise. There are a few pieces of equipment that are clearly noted as the responsibility of the GC. Based on this list, one could assume the generator is by the District since it is not noted otherwise. However, electrical plans clearly indicate that the general contractor is to furnish and install the generator. Please confirm equipment on this list to be supplied and installed by the general contractor.
  - **District shall provide and install equipment here UNLESS NOTED OTHERWISE. Note that The Generator and Fuel Pod have been corrected to be provided by the CONTRACTOR.**
17. Subject: Type F OHD  
 Please provide the H/L in inches for TYPE F – see attached. How high will track go above the 14' height before it curves back. I just need to know how far the tracks go up above the top of opening height before tracks curves back. Regarding TYPE F per MFG, if you want the wind load listed this would need to be all full vision will that work?
  - **Yes, also see Response letter #2 for door substitution provision.**
  - **36" high lift above the door opening.**

Do the Sectional Overhead Door(s) Type F require "Energy Code Compliance": Air Infiltration Resistance for IECC, ASHREA, HVAC Standards; with NFRC certification? Ex.: CA – Title 24, Florida Energy Code, or State Specific Energy Code, per NFRC 400, ASTM E283, or DASMA 105?

- **No, The Apparatus bay is not insulated.**

Verify the Glass Type & Spec. (Industry Terms): Color, Type, obscured, or transparent for Door Type F? Ex.: Low-E, Clear, IG, Lami., SB-60, or "U-Factor" requirements, for the Sectional Overhead Glass Garage Door(s).

- **The glazing type shall be based on the testing requirements (Florida product approval or Miami Dade NOA) for the product approval by the manufacturer. There is no SHGC or U factor requirements for garage doors in non-insulated doors. Clear glazing, no tints or obscurity.**
- **Due to product approval requirements, the bottom panels shall have glazing, not aluminum panels.**

Do the Sectional Overhead Door(s) Type F require "Water Infiltration Resistance" per ASTM E331 & ASTM E547?

- **Testing: In accordance with ASTM E330/E330M**

Is there a 3 part-spec for the Sectional Overhead Doors, 08 36 13? Per the current Building Code, any exterior door, window, or Fenestration Product that "Seals the Building Envelope", must meet the State Energy Code requirement; for Air Infiltration, in addition to thermal U-Factor's. As such, we can provide a "Fully Insulated Frame", in addition to Insulated Glass, which is tested and certified to the NFRC standard.

- **Insulated garage doors are not needed.**

18. Subject: Louver Model – AMCA 540 Impact Rating Clarification and Proposed Alternate

An initial review notes that all specification information is referenced on the plans, and the structural drawings confirm this project is classified as Risk Category IV, which requires all exterior products; including windows, doors, louvers, and overhead doors, to meet an Impact Level "E" rating (AMCA 540 Enhanced Protection).

On the mechanical plans and louver schedule, the basis of design is listed as the *Ruskin ELF6375DXD* with a motorized damper. However, this model only meets an AMCA 540 Basic Protection rating, corresponding to Impact Level "D", and therefore does not appear to satisfy the project's required Impact Level "E" criteria.

We request confirmation of the required AMCA 540 rating for louvers on this project.

Additionally, we would like to propose the United Enertech D-HV-5 louver unit as an acceptable alternate. This model meets the AMCA 540 Enhanced Protection (Impact Level "E") rating, provides improved wind-driven rain resistance (AMCA 550), and maintains a similar exterior appearance. Due to its AMCA 550 rating, this model may also negate the need for the motorized damper currently indicated.

Please review and advise whether the United Enertech D-HV-5 can be approved for use in lieu of the *Ruskin ELF6375DXD*.

- **Viewing the specification requirements of the United Enertech D-HV-5 Louver - Yes the D-HV-5 Louver can be used in place of the specified Ruskin ELF 6375 DXD Louver / damper combination.**
- **The D-HV-5 Louver meets Enhanced Protection Impact Level "E" which is more stringent than the Level D which is used for most commercial construction.**
- **Furthermore, this louver will not require the additional motorized damper to meet the AMCA 550 for wind driven rain resistance.**
- **In place of each motorized damper a Back Draft Damper will be required to close when the fans are not active to prevent infiltration of outdoor air.**

19. Subject: Fire Caulking at Drywall to CMU Wall Joints

For instance, where drywall board meets the perimeter CMU walls, is fire caulking required at this joint?

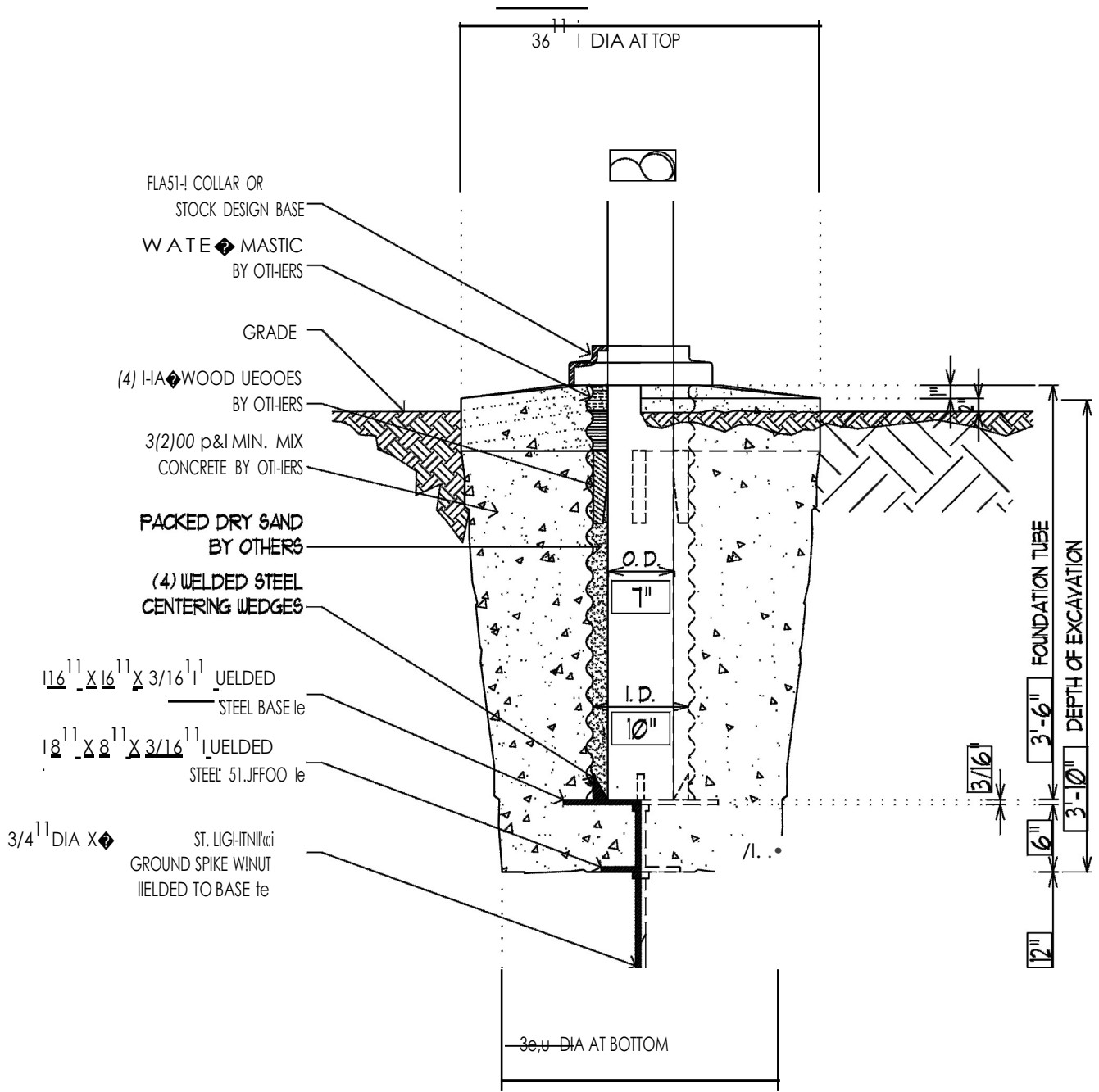
- **No. The layer of drywall is acting as an ignition and thermal barrier for the 1/2# spray insulation.**

20. Subject: Clarification of Fire-Rated Ceiling per Detail 7/A8.4

Detail 7 on Sheet A8.4 (Overhang Detail) indicates a 5/8" drywall fire separation ceiling installed up to the insulation and hung/fastened directly to the bar joists. Please clarify the intended locations and extent of this fire-rated ceiling condition. Does this "fire lid" ceiling detail apply to the entire building, or only to specific areas?

- **Drywall is acting as an ignition and thermal barrier for the 1/2# spray insulation from the habitable space. The drywall ceiling is acting in that role as the barrier. For clarity, the drywall noted in this detail shall be removed from the plans.**

21. Equipment schedule has "By Contractor" and "provided by the District", are the items on the equipment list with no assigned party to be assumed purchased "By Contractor"?
- **"District shall provide and install equipment here UNLESS NOTED OTHERWISE." Otherwise items as by Contractor. Note that The Generator and Fuel Pod have been corrected to be provided by the CONTRACTOR.**
22. SDP plan 6 of 13 identifies concrete paving for the entire exterior paving area. S3.0-1 Identifies an area of 8" structural slab, and A1.1 identifies the concrete paving, and the remaining area unknown? Is the entire paving area to be concrete or a mix of concrete and asphalt? If yes to the entire paving being concrete, what is the concrete paving thickness outside the identified 8" thick structural slab?
- **The entire drive is to be concrete slab. The designated area indicated on sheet S3.0-1 and A1.1 is the 8" structural slab detailed in the structural drawings . See sheet 10 pf 13 on civil engineering for standard slab detail for remaining areas.**
23. There is a detail for DS-5 existing control structure CS-5. There are no instructions whether or not this is a modification to the existing structure or simply a detail of it? Clarification please
- **Control Structure CS-5 is existing and is off-site to the west. There are no modifications proposed to this structure. The detail is informational for permitting purposes**
24. To the left of the block wall in the interior side shows 5/8" Drywall fire separation ceiling to the insulation, hung/fastened directly to the bar joists. Clarification required to which rooms/to what extent does this fire rated ceiling detail apply. Does this detail apply to the entire south half of the building interior?
- **See #20 above**
25. Can you please clarify the following for the swing gate, Is this chain link? If so, what gauge and color? Schedule 40 or 20? If this is aluminum, we will need grade, picket spacing color etc.
- **Gate is chain link per A1.1. See attached gate elevation for additional information. This detail shall be added to the plans.**
26. The floor plan (A2.4) shows the interior tile pattern continuing through interior framed walls; is it the district's intention to complete interior tile prior to interior framing and have the base track fastened to the tile itself?
- **No. Tile is not installed under walls.**



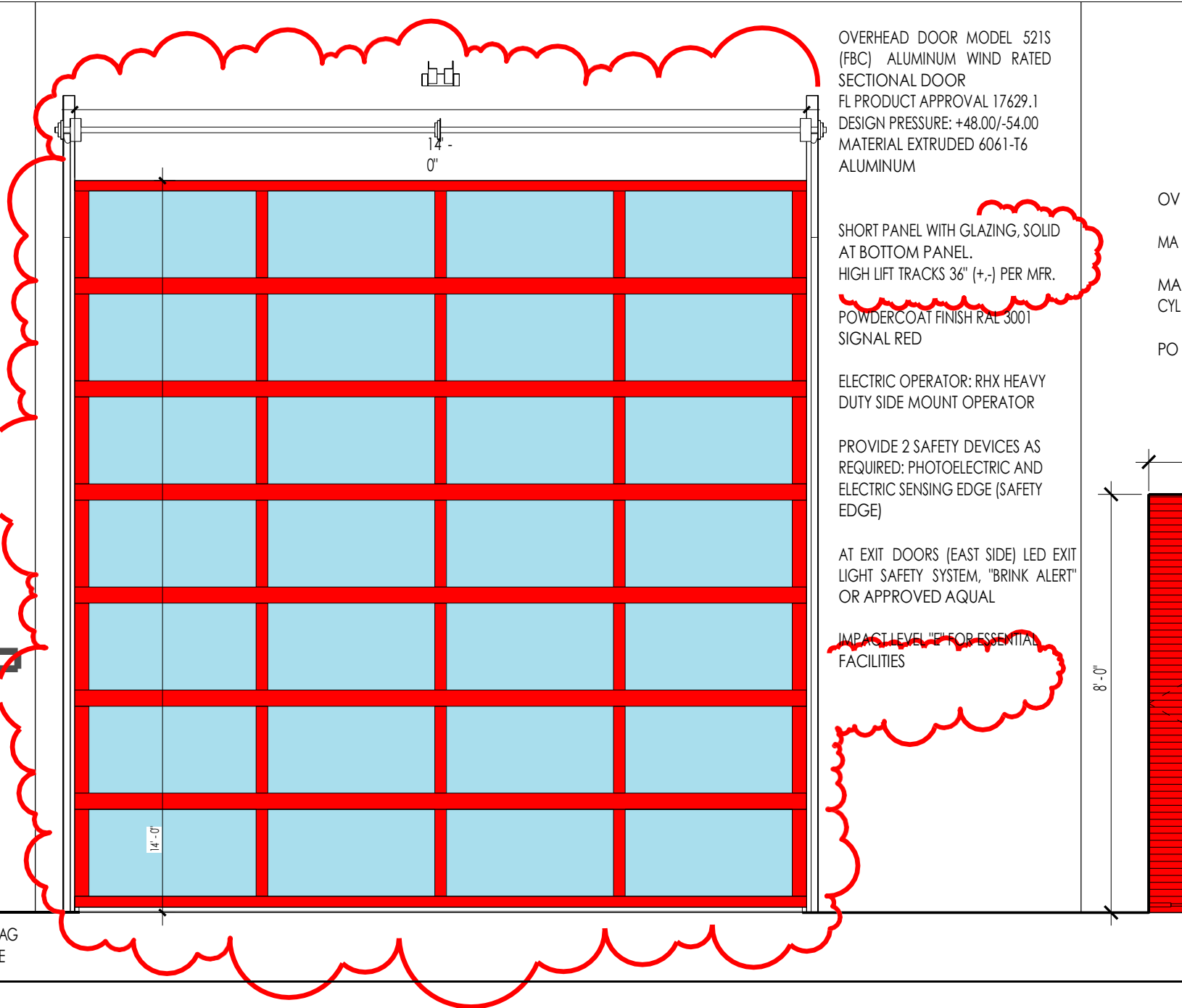
**NOTES-**

CARE MUST BE EXERCISED IN SETTING TUBE FLUM6, LEVEL IN FORJ15 AND IT MUST BE SECURED SO IT DOES NOT SIFT WHEN POURING CONCRETE

STANDARD FOUNDATION ARRANGEMENT

Order Date: PROJECT:  
 6 2/11/06 LOCATION:  
 CustOrder SCALE: 5/16 JECT: 38' x fl a ole  
 111 foundation  
 DwgNo N.T.S. CUSTOMER:  
 CAD Svc.File No.: SHEET 1 OF

**ACME/LING**  
**F'LA.GPCILES**

Manufacturer	SIZE			THRESHOLD	FIRE RATING	COMMENTS	Type Mark	
	WIDTH	HEIGHT	THICKNESS					
ES Windows	3' - 0"	8' - 0"	1 3/4"	1/2" ADA	NR		A	Maglock, Entry Lev
Vt Industries	3' - 0"	8' - 0"	1 3/4"	Door Schedule			J	Passage Lever, Ma
Vt Industries	3' - 0"	8' - 0"	1 3/4"				J	Office Lever , Kickp
Vt Industries	3' - 0"	8' - 0"	1 3/8"		NR		J	Privacy Lever
Vt Industries	3' - 0"	8' - 0"	1 3/8"		NR		J	Privacy Lever
Vt Industries	3' - 0"	8' - 0"	1 3/8"		NR		J	Privacy Lever

.5# OPEN CELL  
INSULATION R-38 MIN.

A

1" / 12"

24" O.H. TYP.

STANDING SEAM ROOF SYSTEM. SEE  
ROOF PLAN FOR ASSEMBLY  
DETAILS

STRUCTURAL FASCIA-  
12" LIGHTGAUGE CHANNEL ALUMINUM

DRIP EDGE "STRIPPED IN" 5/4 x 6 AZEK

TRIM

6" x 6" 24" GA GALVALUME GUTTER TO MATCH ROOF

5/4 x 12 AZEK TRIM

1-5/8" LIGHTGAUGE SOFFIT FRAMING  
@ 16" O.C.

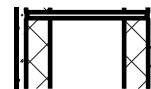
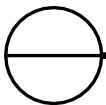
3/4" STUCCO OF GALVANIZED RIBLATH

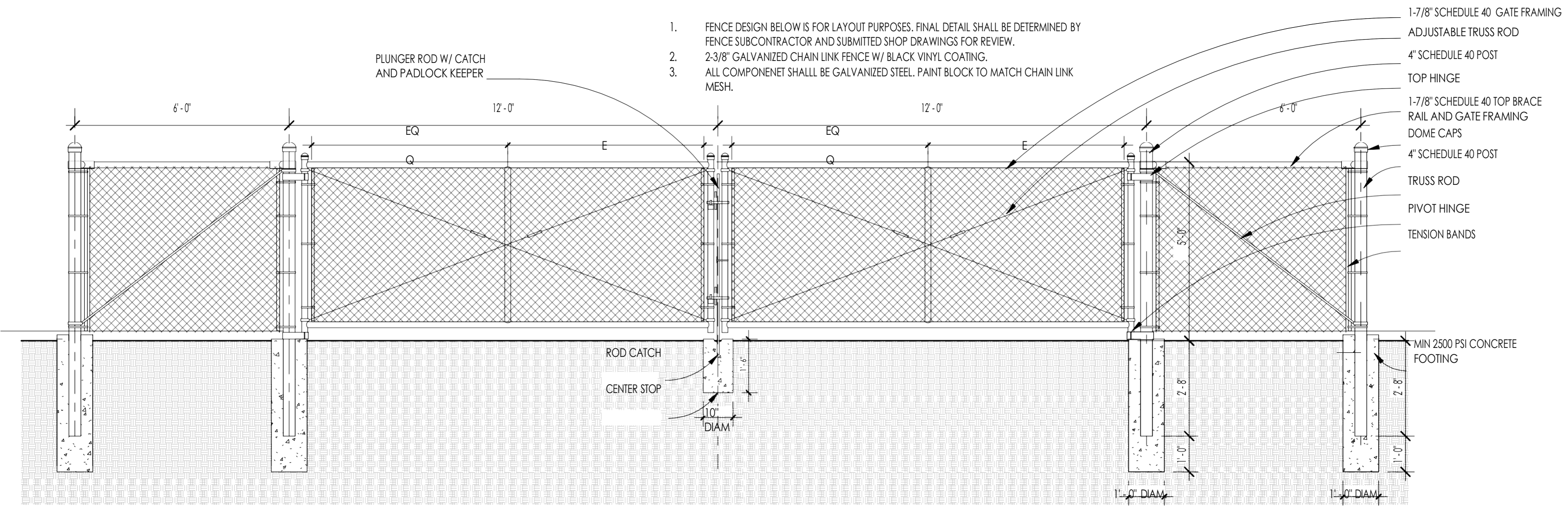
5/8" SAND FINISH STUCCO

4" X 5" RECT. GALVALUME  
DOWNSPOUT TO MATCH ROOF FINISH

7 Overhang Detail

A8.4 1" = 1'-0"





2 Gate Elevation  
 A9.1 3/8" = 1'-0"