



SET NO.

PROTOTYPE BTS DRAWINGS
FOR NEW 48 DOOR SERVICE CENTER
W/ FUELING AND SHOP.

-JBR-

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|-----------------|--|
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JONESBORO, AR

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RFP DATE: 11.16.23

2.2 PAVEMENT, EARTHWORK AND EXCAVATION

- A. All clearing, grubbing and any work which disturbs the existing ground surface shall comply with all local and state regulations regarding erosion and sedimentation control.
- B. The earthwork contractor shall stockpile on site a sufficient amount of fertile topsoil in order to provide a minimum of 6" thick layer of topsoil at all areas scheduled to remain green areas on site. Should a sufficient amount of topsoil not be available, the earthwork contractor shall import topsoil.
- C. Additional fill required to raise grades, which may consist of approved on-site soils and/or off-site borrow, shall be free of all debris, organics, and clumps and shall be adjusted to the proper moisture content before compacted in 8 inch maximum layers. Each layer to be compacted to 95% density (Standard Proctor) per ASTM D698.
- D. Select fill under slabs and pavement areas shall be placed in 8 inch maximum layers of loose material. Each layer to be compacted to 95% density (Standard Proctor) per ASTM D698.
- E. Provide sheet flow and/or underground drainage/storm water systems which will adequately drain the premises in a manner which is lawful. The yard shall have a constant 1.5% slope away from the building, to 60 feet perpendicular from all building(s) exterior walls; beyond that, the yard shall have a minimum 1.5% slope and maximum 2.5% slope, to facilitate drainage.
- F. Grading of dock apron areas shall provide finish grades that produce a 49 inch dock height. Dock apron shall be designed with Potential Vertical Rise (PVR) limited to maximum one (1) inch uplift above dock finished floor elevation at dock stem wall and shall be noted as such in geo-tech report prepared for this site.
- G. Entrance and exit driveways shall be in accordance with the plans and shall not exceed a continuous slope of 5% maximum to facilitate tractors pulling multiple trailers.
- H. Provide retention/detention ponds and/or underground piping and basins sized to accommodate full development expansion and designed in accordance with all applicable regulations.
- I. A grading plan shall be submitted to FedEx Freight, Inc. for review prior to construction.
- J. Provide Geo-textiles or geo-grids, if required, for soil stabilization and installed in strict accordance with manufacturer's recommendations.

2.3 BITUMINOUS PAVING

- A. Provide all material, labor and equipment necessary to complete the bituminous paving and base as shown on the drawings.
- B. A licensed engineer shall be engaged to prepare the final pavement design. Bituminous paving shall be designed for a full 15 year life expectancy. The design shall be based on actual geo-technical data obtained from the site and from the number of equivalent trips/day and axle loads as specified in Section 2.4, paragraph K & L. The pavement design, the job mix formula and calculations shall be submitted for review prior to construction.
- C. All materials to comply with State DOT and ASTM Standards.
- D. Provide design mixes for review by structural and geo-technical engineer prior to installation.
- E. Place bituminous pavement and aggregate base to the compacted thickness and grades as shown on the plans or as directed by engineers.
- F. Adjust manholes, catch basins and valve box castings to match pavement grades.
- G. Place aggregate base over acceptable sub grade in layers not more than 3 inches of compacted thickness. Employee parking lot only:
1. Aggregate Base:
a. Parking lot area: 4" of Class II
2. Bituminous Paving:
a. Parking lot area: 3" (2 - 1 1/2" layers)
1 1/2" Bituminous base course
1 1/2" Bituminous wear course
- H. Striping of the new parking lot yard and employee parking, dock aprons and handicap parking areas to be 4" wide (yellow) and installed as per the drawings and in accordance with local, state and ADA requirements.
- I. Consultant Approval Letters: Refer to Section 1.2.K for requirements.

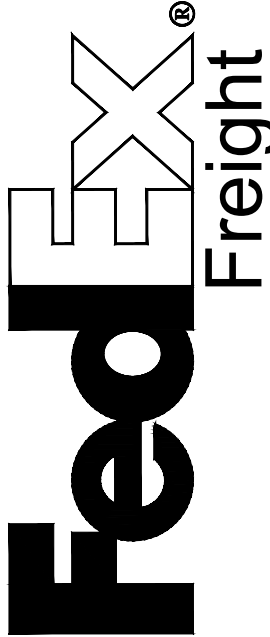
2.4 CONCRETE PAVING

- A. Provide all material, labor and equipment necessary to complete all concrete paving as shown on the drawings.
- B. Concrete paving shall be designed, engineered and constructed in accordance with American Concrete Institute publication ACI 3302R-92 Guide for Design and Construction of Concrete Parking Lots.
- C. Concrete shall conform to ASTM C94 requirements.
- D. Concrete to be delivered by an approved redi-mix supplier and a design mix data sheet provided for each compressive strength. Fly-ash shall be permitted only at exterior pavement applications.
- E. Specified concrete compressive strength to be obtained during the 28 day cure period. Contractor to provide necessary testing laboratory services. Refer to Section 1.8.
- F. Concrete paving to receive a medium broom finish at right angles to the traffic pattern and sloped as noted on the plans.
- G. All exposed exterior concrete to be air-entrained.
- H. Design and construction concrete paving with expansion joints, saw joints and construction joints with an area, no larger than 15'x15'. Saw joints to be cut to a depth of 1/3 the slab thickness.
- I. Expansion joint material to be minimum of 1/2" wide, full slab depth, bituminous fiber board.
- J. All expansion joints, construction joints and saw joints to have backer rod and elastomeric joint sealant material applied. All joints shall be cleaned as recommended by sealant manufacturer. Refer to Section 7.4 for material type.
- K. Pavement design shall be based on a 25 year life expectancy with a serviceability index of 2.0, a modulus of sub grade reaction of 100 pci, compressive strength of 4000 psi at 28 days, and a traffic volume of:
- 150 trailers/day 61-80 door facility
- L. Pavement design loads shall be as follows:

| | |
|---|---|
| Design Life: | 25 years used in calculating load repetitions |
| Total Truck/Trailers Weight: | 72,000 pounds gross |
| Tractor Maximum Front Axle: | 8,000 pounds |
| Tractor Maximum Rear Axle - Tandem: | 16,000 pounds (i.e., 32,000 pounds for two axles) |
| Average Trailer Axle Load Equivalency Factor: | 16,000 pound Equivalent Single Axle Loads |

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The above drawings and specifications and their designs and arrangements represented hereby are not to be used for any other project without the written consent of the architect. Visual contact with these drawings or specifications shall constitute an acknowledgment of the responsibility of the contractor to verify and be responsible for all conditions shown by these drawings. Shop details must be notified of any variations from the dimensions and conditions shown by these drawings. Shop details must be submitted to the architect for approval and proceed with fabrication.



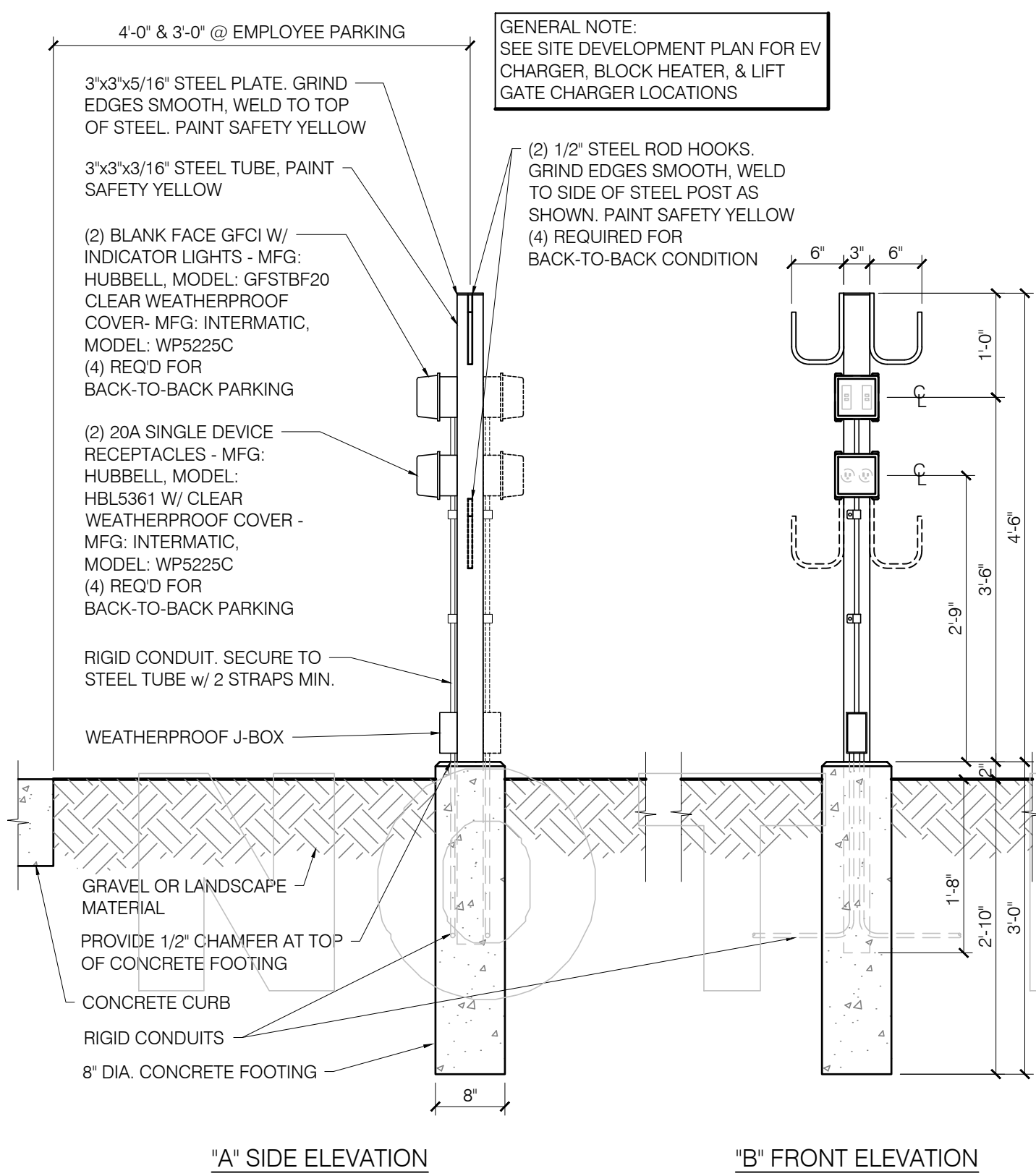
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FACILITY DESIGN AND CONSTRUCTION
48 DOOR DOCK, OFFICE, AND SHOP BTS
JBR
MOORE ROAD, JONESBORO, AR

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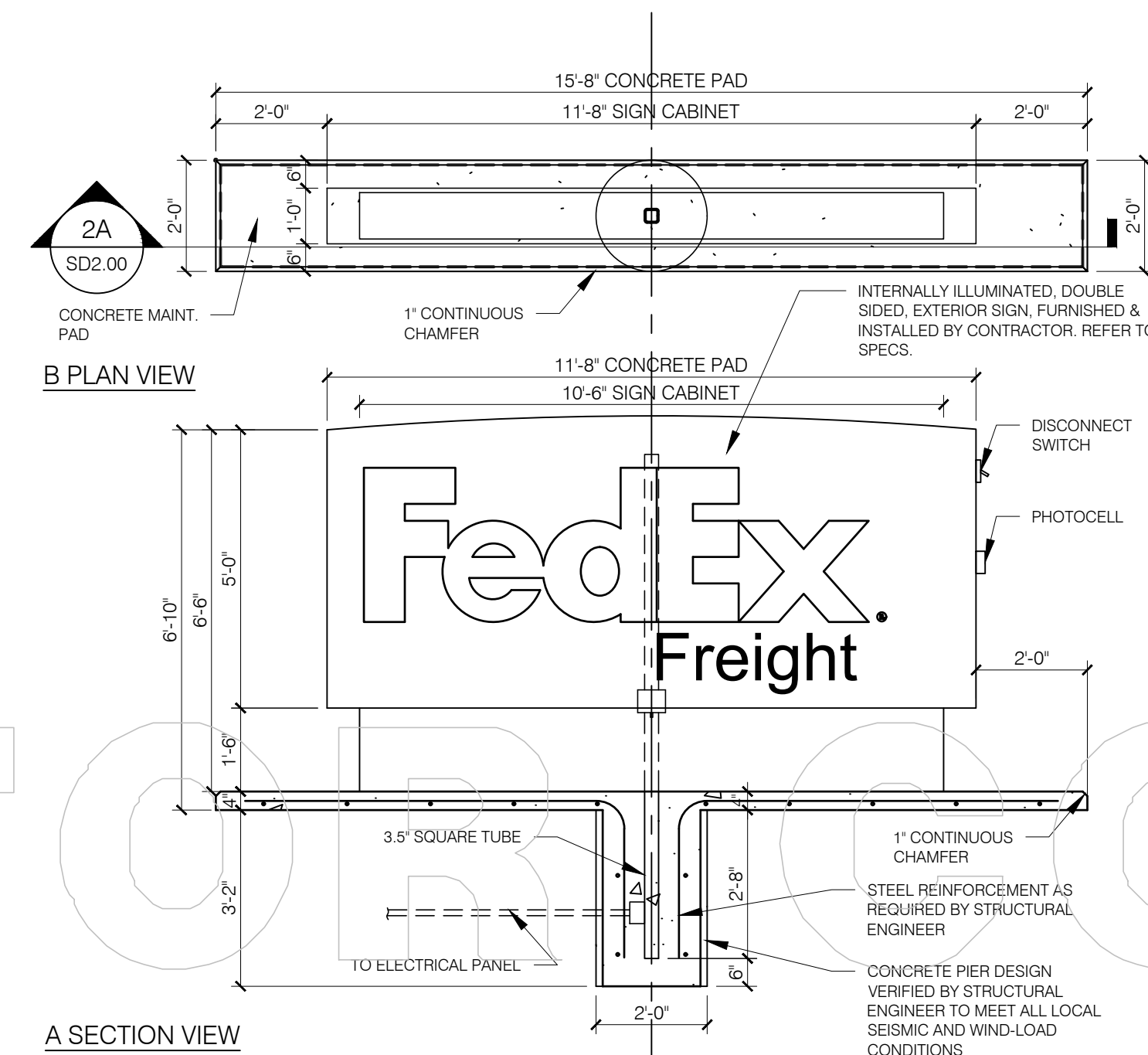
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| Checked by: BLK |
| Release Date: 11.16.23 |
| Job # : JBR - FY24 |
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PAVEMENT
DESIGN
CRITERIA

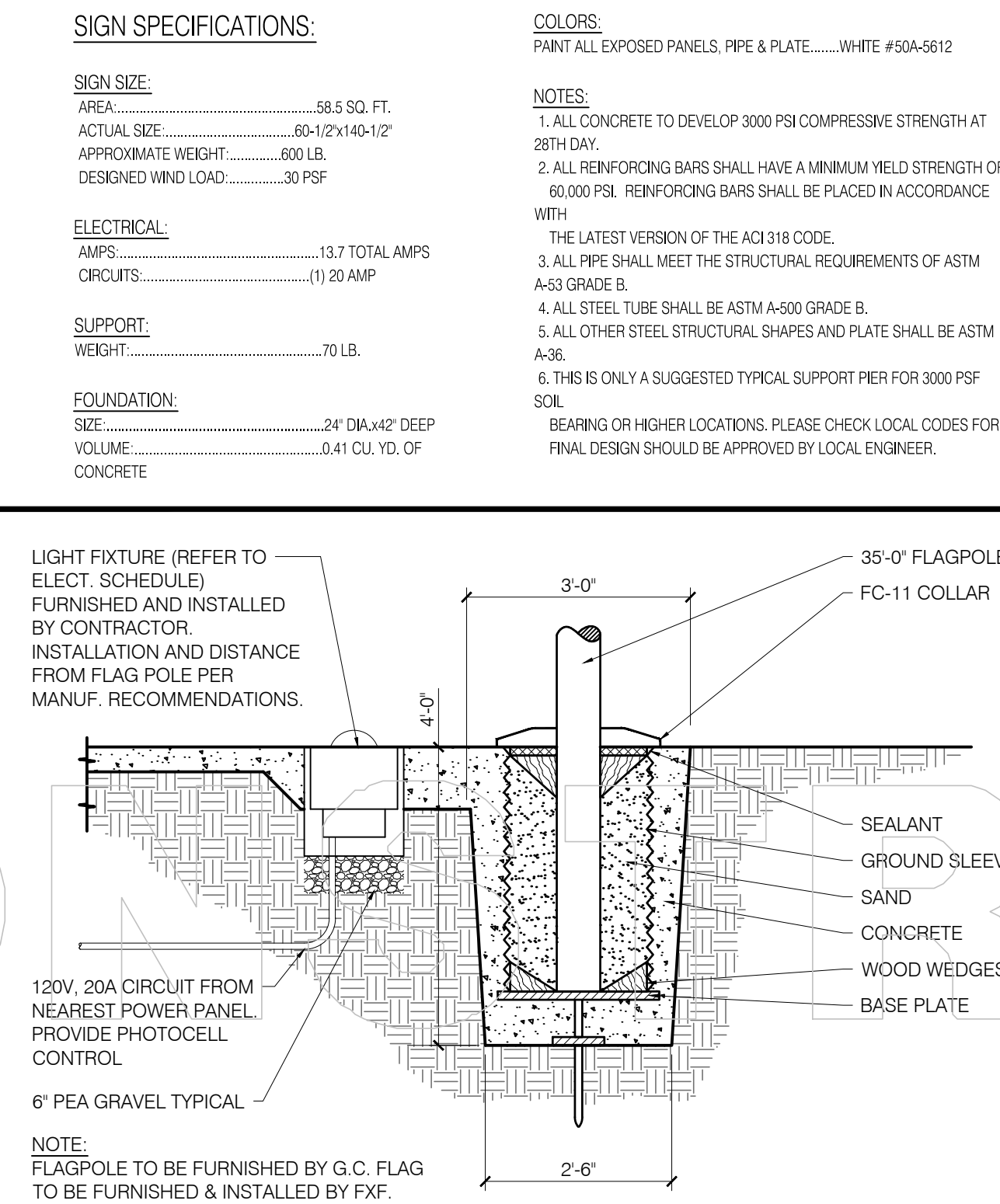
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SD1.03



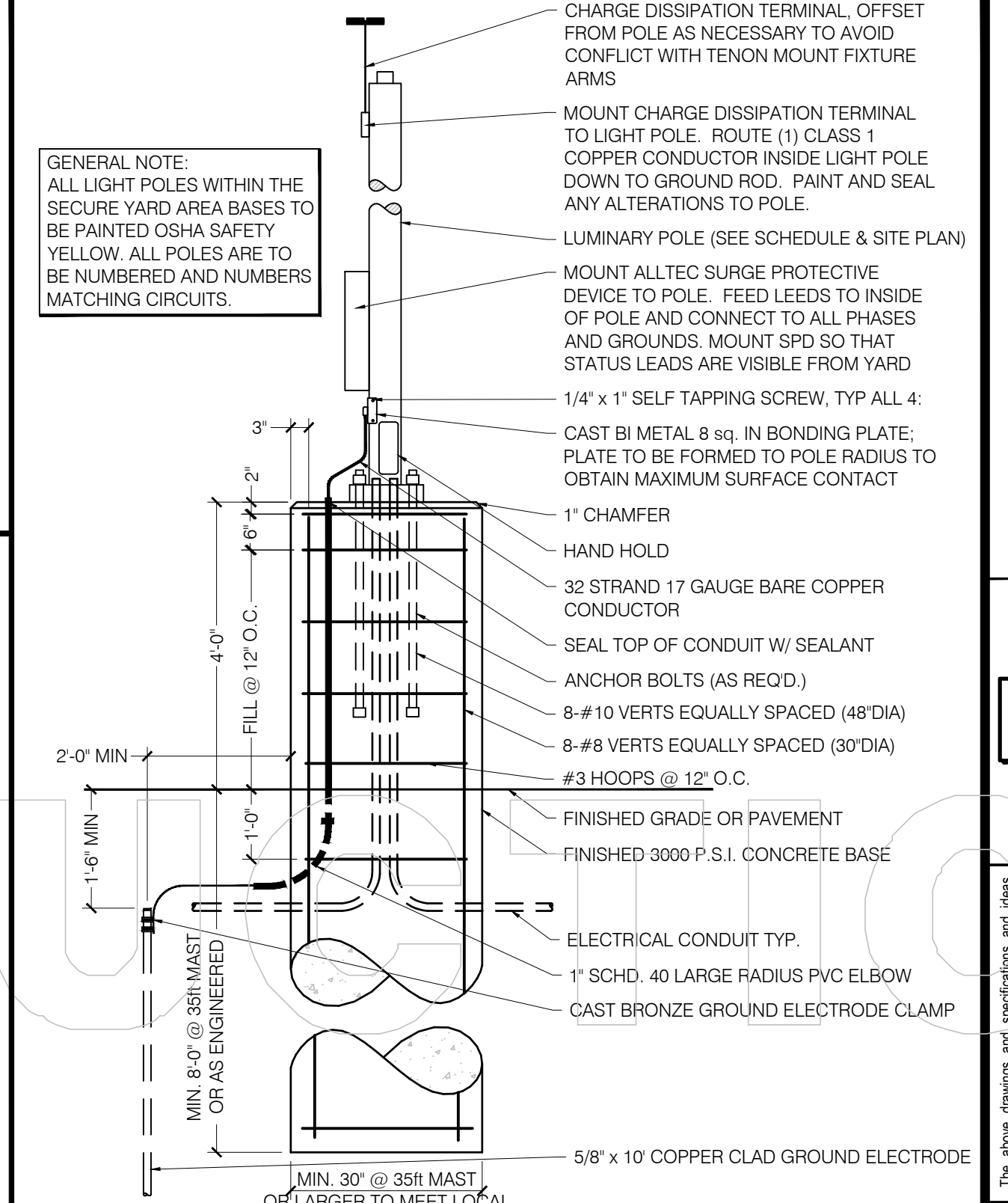
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(USE ONLY IF NOTED ON SITE PLAN) SCALE: 3/4"=1'-0"



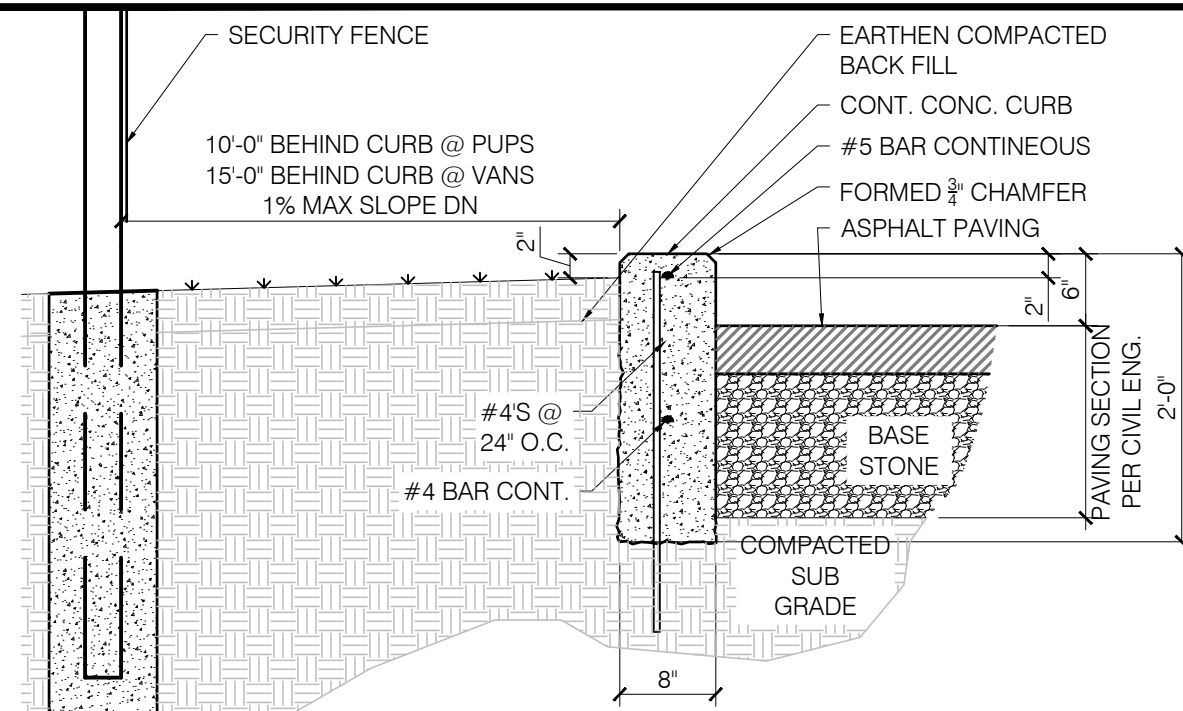
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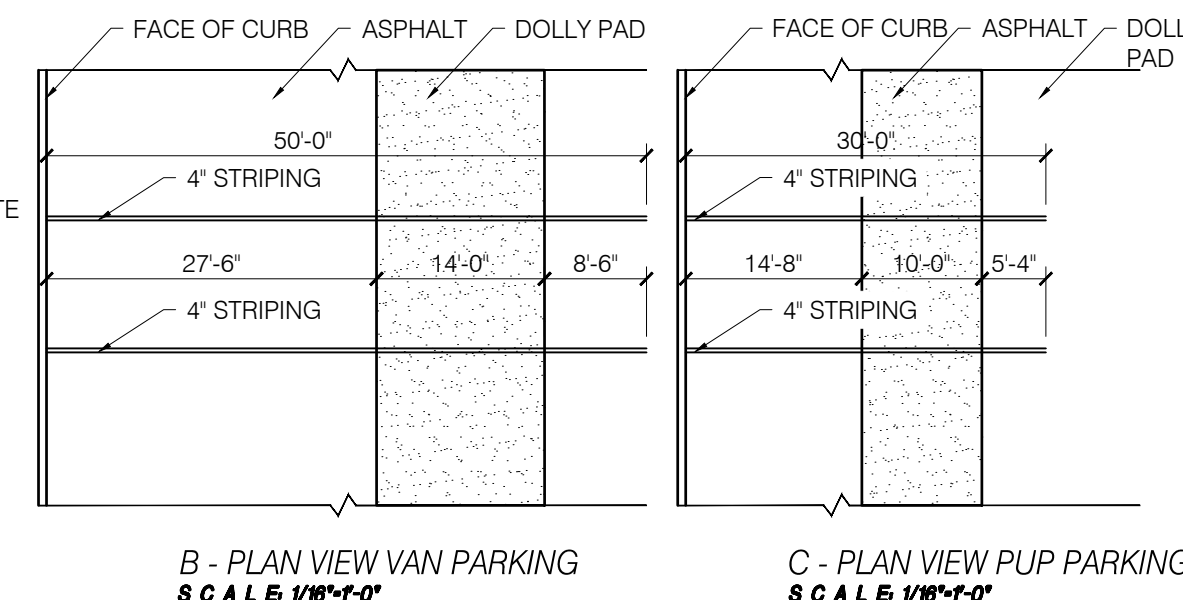
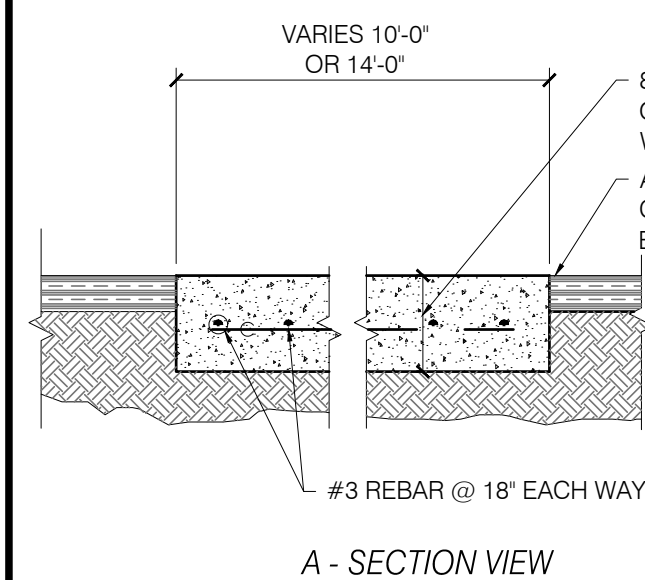
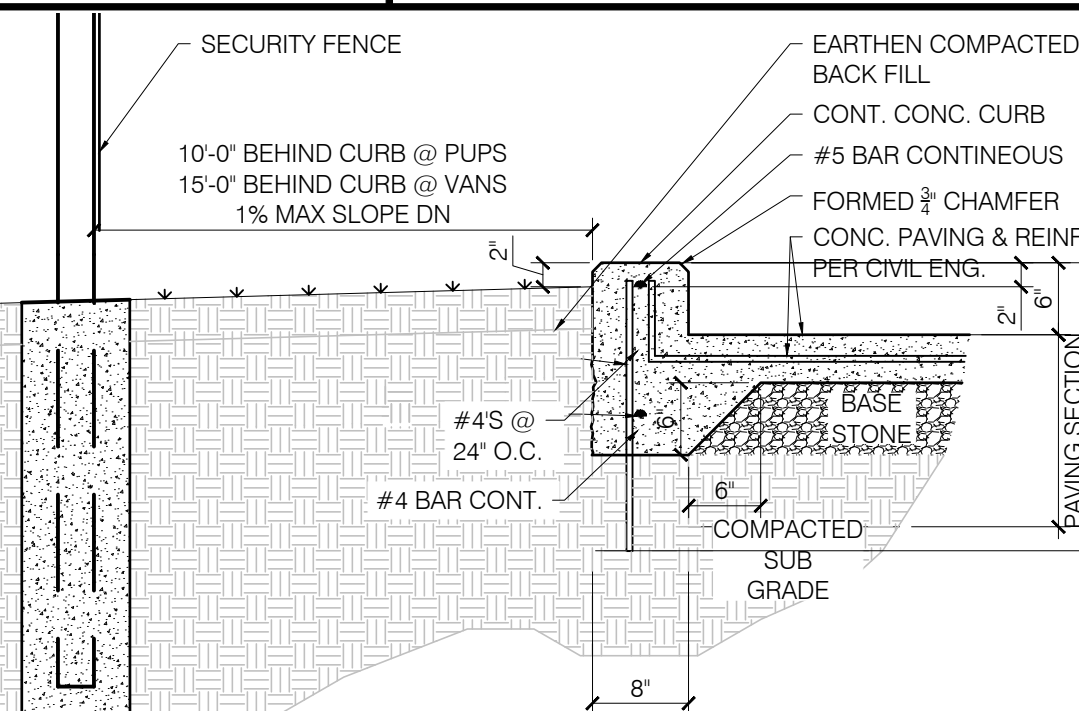
3 DETAIL: FLAGPOLE INSTALLATION



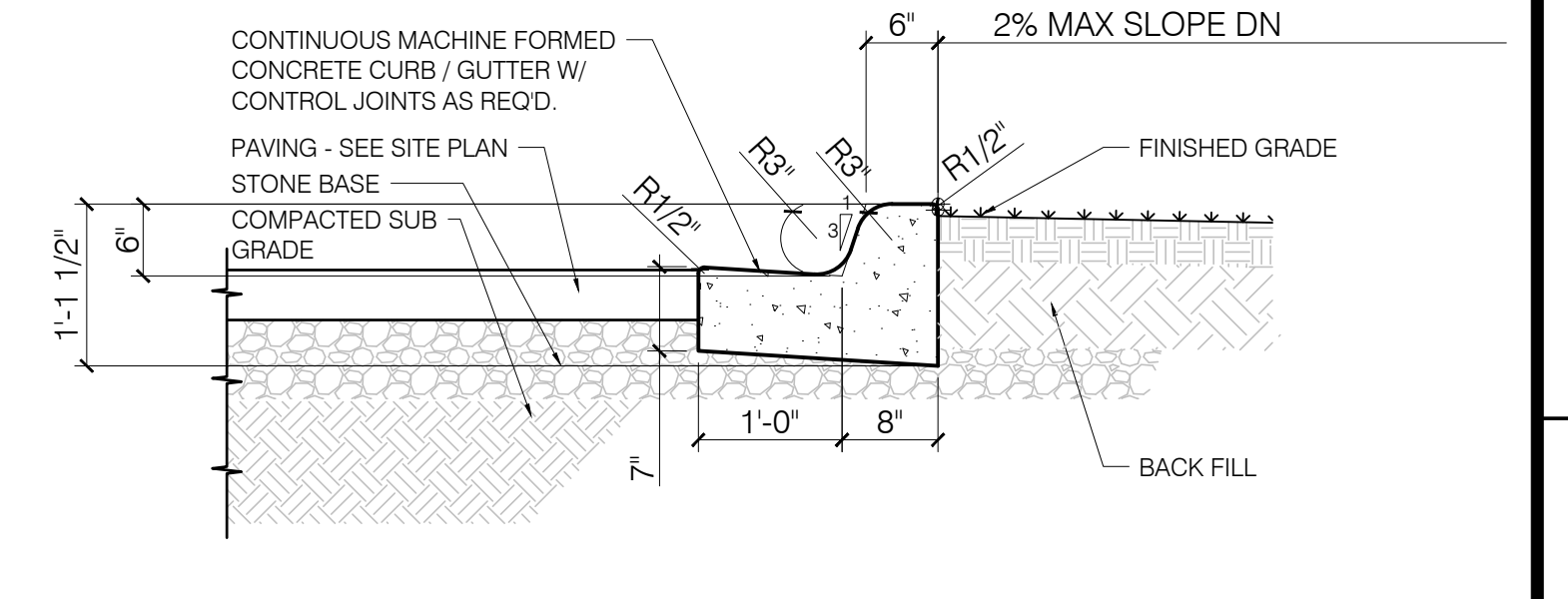
4 DETAIL: LIGHT POLE BASE



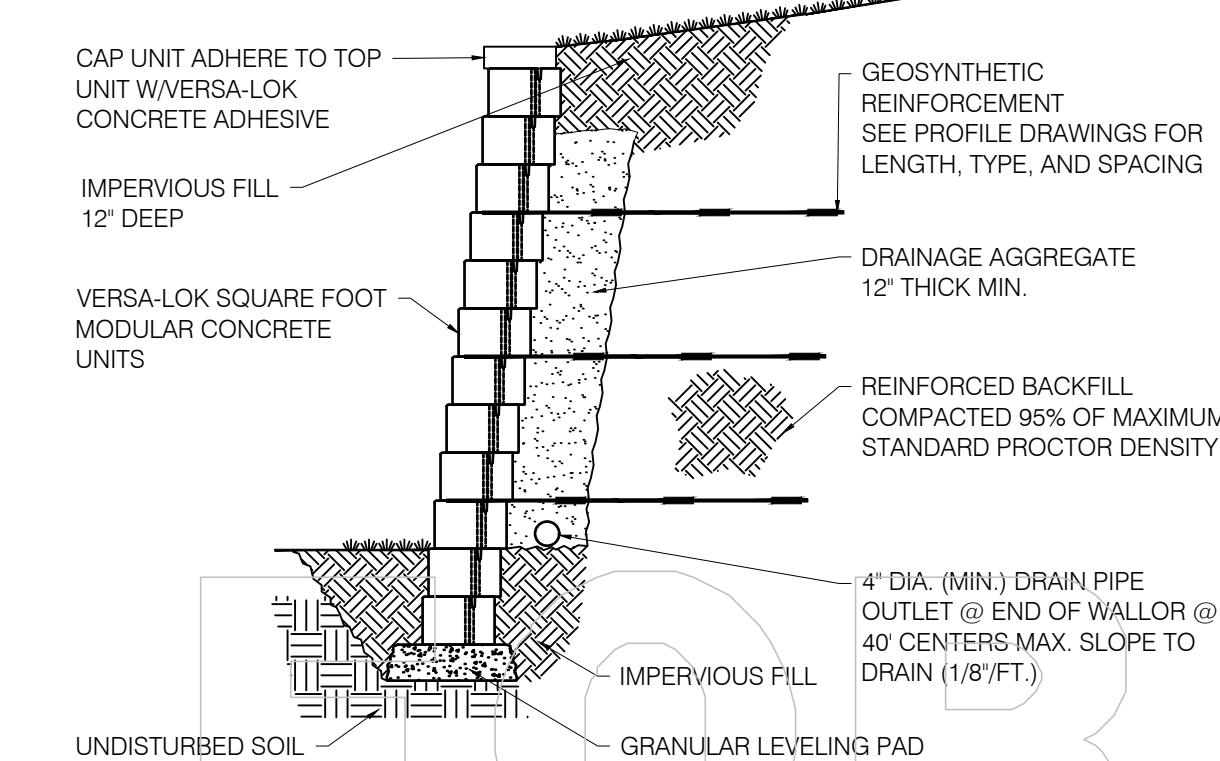
5 DETAIL: CONCRETE CURBS



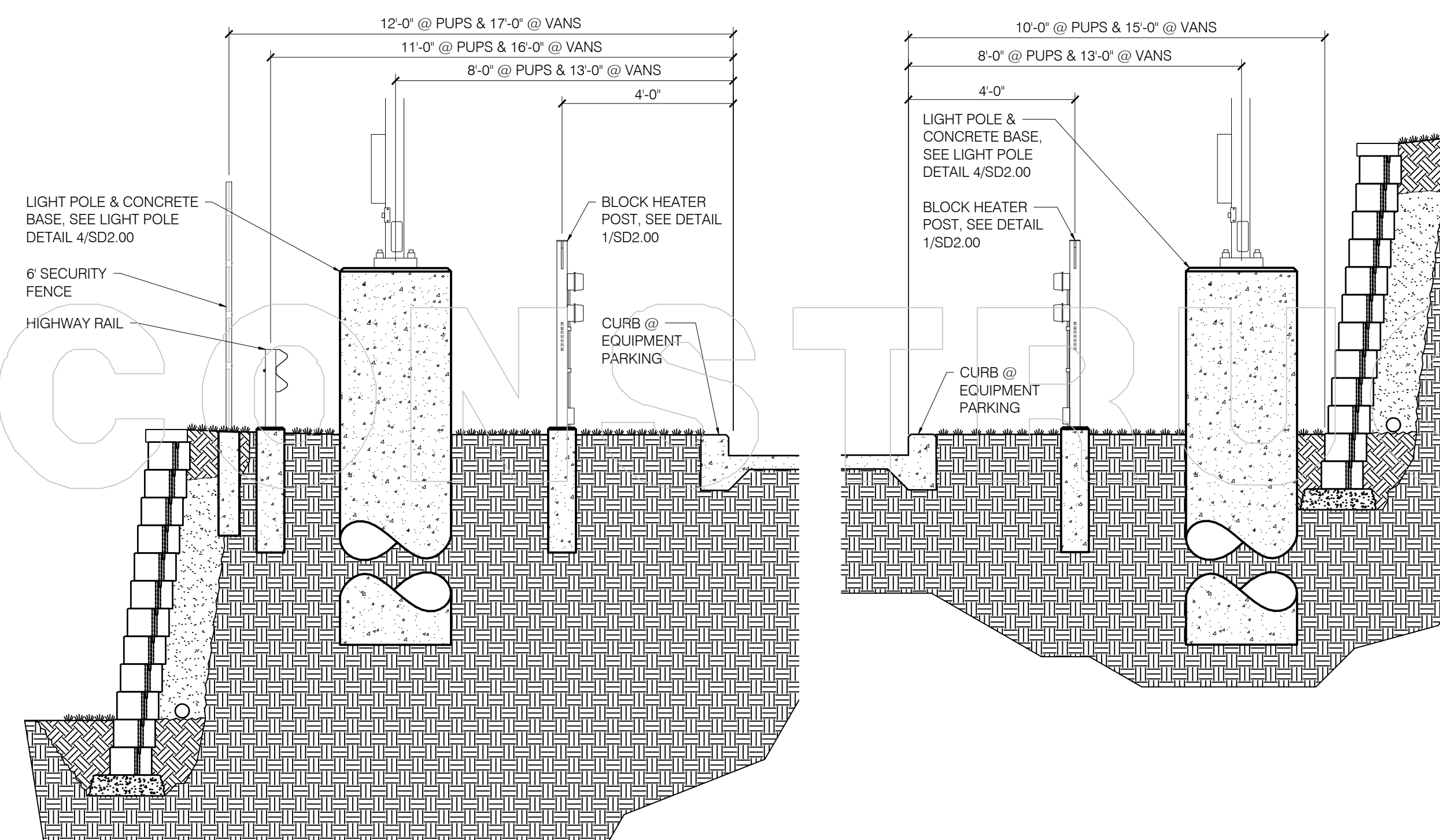
SCALE: 3/4"=1'-0" OR AS NOTED



7 DETAIL: CURB AND GUTTER



9 DETAIL: STACK BLOCK RETAINING WALL



11 **DETAIL:** EQUIPMENT @ RETAINING WALL
(WHERE NOTED ON SITE PLAN)

GENERAL NOTES:

PAVING GENERAL NOTES

1. PAVING DESIGN SHALL BE IN ACCORDANCE WITH CRITERIA NOTED IN FXX STANDARD BUILD TO SUIT SPECIFICATIONS & DESIGN RECOMMENDATIONS NOTED IN A REQUIRED GEOTECHNICAL REPORT.
2. REFER TO THE SITE DEVELOPMENT PLAN FOR TYPE OF PAVING REQUIRED (CONCRETE OR ASPHALT). IF ASPHALT PAVING IS NOTED, OR PROVIDED AS AN ALTERNATE BID, CONCRETE DOLLY PADS AND APRONS WILL BE PROVIDED AS SHOWN.

SITE LIGHTING GEN. NOTES

1. SITE LIGHTING SHALL BE DESIGNED AND LOCATED IN A CONFIGURATION NOTED ON THE DRAWINGS, TO PROVIDE 1FC SUSTAINED OVER THE ENTIRE DEVELOPED AREA OF THE SITE --OR AS REQUIRED BY LOCAL CITY ORDINANCE.

SITE GRADING GEN. NOTES

1. REFER TO FXF STANDARD BUILD TO SUIT SPECIFICATIONS FOR MAXIMUM AND MINIMUM GRADING REQUIREMENTS.

LANDSCAPING GEN. NOTES

1. COMPLY WITH ALL LOCAL PLANNING & ZONING ORDINANCES & REQUIREMENTS NOTED IN FXF STANDARD BUILD TO SUIT SPECIFICATION.

STRIPING GEN. NOTES

1. STRIPING MINIMUM DIMENSIONS SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE DRAWINGS OR REQUIRED BY CODE.

OTHERWISE NOTED ON THE DRAWINGS OR REQUIRED BY CODE.
STRIPING WIDTHS SHALL BE CENTER TO CENTER OF 4" WIDE STRIPING.
PROPER SPACE SHALL BE ALLOCATED BEHIND TRAILER AND IN FRONT OF
THE VEHICLE AT BLOCK HEATER AS SHOWN ON THE DRAWINGS. PROVIDE
PARKING BLOCKS AS NECESSARY TO LIMIT VEHICLE OVER TRAVEL AT


3. TRACTOR PARKING: 12' 0" W x 25' 0" L

- b. PUP PARKING - 11'-0"W x 30'-0"L
- c. VAN PARKING - 11'-0"W x 30'-0"L
- d. EMPLOYEE PARKING - 10'-0"W x 20'-0"L
- e. DOCK PARKING - 11'-6"W x 60'-0"L SHALL BE ALIGNED WITH OUTSIDE EDGE OF DRIVER SIDE DOCK SUMMER, SEE DOCK BAY FLOOR PLAN 1. ADA PARKING SHALL BE BY LOCAL JURISDICTION
- f. RELAY/TRIPLES PARKING - 12'-0"W x WIDTH OF CONCRETE PAD AS SHOWN ON DRAWINGS
- g. PEDESTRIAN WALKWAYS - 6'-0"W x LENGTH AS SHOWN ON DRAWINGS. CROSS STRIPING TO BE 3'-0" C.
- h. DOLLY/NO PARKING AREAS - CROSS STRIPING TO BE 3'-0" C. BY WIDTH/LENGTH OF STALLS/AREA

**ALL DETAILS
MAY
NOT APPLY**

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and shall remain the property of the architect; and no part thereof shall be copied, altered or adapted without the written consent of the architect. Visual contact with these drawings or specifications shall constitute conclusive evidence of acceptance of these restrictions. Written dimensions on these drawings shall have precedence over scaled dimensions; contractors shall verify and be responsible for all dimensions and conditions on the job and this office must be notified of any variations from the dimensions and conditions shown by these drawings. Shop details must be submitted to this office for approval before proceeding with fabrication.



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MISCELLANEOUS SITE DETAILS

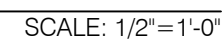
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SD2.00

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SCALE: 1/2"=1'-0"



3 NOT USED

SCALE: -

KEYED NOTES - SITE SECURITY

1 KEY NOTE SYMBOL


- GUARD SHACK, SEE SHEET A1.91 FOR DETAILS
8. MAX. CLEAR, LEVEL, ELEVATION FOR PROPER GATE OPERATION
9. PAINTED HANDICAP PARKING STALL WITH INTERNATIONAL SYMBOL OF ACCESS
10. PAINTED STRIPES - YELLOW (4")
11. PROVIDE POWER AND CONDUIT TO MINN POWER CENTER, CONDUIT SIZE BY ELEC. ENGINEER MIN. 2" DIA.
12. CONCRETE WALK
13. CHAIN LINK SECURITY FENCE, SEE SITE PLAN
14. BI-FOLD SECURITY GATES, REFER TO MANUFACTURER SHOP DRAWINGS FOR COLUMN FOUNDATION SPECIFICATIONS.
15. 4" CONDUIT FROM OFFICE ELECTRICAL ROOM FOR POWER
16. 2" CONDUIT FOR ELECTRICAL POWER FROM OFFICE ELECTRIC ROOM, W/ PULL TAPE STUB-UP & CAP
17. CONC. BASE FOR READERS
18. PIPE BOLLARDS FILLED W/ CONCRETE, (SEE DTL 8/SD2.00)
19. 1 1/4" CONDUIT FOR DATA W/ PULL TAPE
20. VEHICLE DETECTION SAFETY LOOP
21. TURNSTILE GATE (MODEL- SPEC SEE W. H.C. GATE (MODEL- SPEC SEE)
22. DUAL POST TRUCK ENTRANCE PROXIMITY FOR CARD READER & VIDEO INTERCOM, (SEE DTL 6B/SD2.02) SEE SPEC
23. VEHICLE ENTRANCE PROXIMITY CARD READER & VIDEO INTERCOM, (SEE DTL 6C/SD2.02) SEE SPEC
18. 1" CONDUIT W/ PULL TAPE TO GUARD HOUSE FOR CONTROL CABLING
19. FENCE POSTS AS REQUIRED BY FENCE MANUFACTURER
20. MOTORIZED OPERATOR FOR CANTILEVER SECURITY GATE
21. CANTILEVER SECURITY GATE; MAINTAIN MAX. 8" CLEAR @ BOTTOM RAIL
22. IP CAMERA FURNISHED & INSTALLED BY FEDEX; CABLING AND CONDUIT BY CONTRACTOR SPEC
23. CAMERA POLE W/ (1) CATT. WATERPROOF CABLES WITH 3'-0" FLEX. FROM TOP OF CAMERA POLE TO GATE AREA NEMA ENCLOSURE; PROVIDE 3'-0" CONNECTION LOOP AT TOP OF POLE AND NEMA ENCLOSURE; COORDINATE WITH FXP PROJECT MANAGER, TYP. SEE DTL 6A/SD2.02
24. (2) 4" FROM ELECTRICAL RM.
25. 1" CONDUIT TO GUARD HOUSE FOR ELECTRICAL POWER
26. (2) - 2" CONDUIT FOR POWER FROM CONTROLLER TO PRIMARY AND SECOND COLUMN AS SHOWN ON DRAWINGS
27. CONDUITS BY CONTRACTOR, EXTEND A MIN. 2" ABOVE GRADE @ A MIN. 2' APART, COORDINATE WITH FXP PROJECT MANAGER
28. 2-3/8 GALV. FENCE POST
29. CARD READER/ INTERCOM TO BE MOUNTED ON UPPER READER POST AND VIDEO/ INTERCOM UNIT TO BE MOUNT ON LOWER READER POST.
30. MASTER VIDEO / INTERCOM STATION W/ GATE RELEASE. COORDINATE LOCATION W/ FEDEX FREIGHT PROJECT MANAGER.
31. 30" X 30" NEMA ENCLOSURE FOR HOUSING OF ELECTRICAL CONTROLLERS, POWER REQUIREMENTS - 208/240V SINGLE PHASE, 20 AMP
32. 1" CONDUIT FOR CONDUIT WIRING W/ PULL TAPE
33. 12" X 12" WP PULL BOX FLUSH WITH SURFACE
34. 6" X 6" WP PULL BOX FLUSH WITH SURFACE
35. DATA CONDUIT TO NEAREST PULL BOX, SIZED BY ELEC. ENGS., MIN. 2" DIA. PROVIDE PULL TAPE.
36. 12" X 12" X 6" WP PULL BOX, SURFACE MOUNTED TO GUARD HOUSE
37. 4" EMPTY CONDUIT W/ CALIBRATED PULL TAPE, CONDUIT TO TELCO ROOM
38. CONDUIT TO ELECT. ROOM. PROVIDE 208/240V SINGLE PHASE 20A SERVICE
39. 6" CURBED CONCRETE ISLAND WITH LANDSCAPE, SHRUBS, AND MULCH
40. DOUBLE GATE TERMINATION POST AS REQUIRED BY GATE MANUFACTURER
41. SWING GATE CENTER LOOP VEHICLE DETECTION
42. REFER TO DTL 2/A1.90 FOR CONDUIT SIZE AND AMOUNT
43. 6" CURB WITH GRAVEL INFILL
44. 6" CURBED CONCRETE ISLAND WITH CONCRETE INFILL SURFACE
45. 4" EMPTY CONDUIT W/ CALIBRATED PULL TAPE, CONDUIT TO TELCO ROOM
46. 4" CONDUIT BACK TO BLD. ELECTRICAL
47. 1" CONDUIT FOR POWER W/ PULL TAPE
48. SWING GATE OPERATOR OPERATOR TO BE LOCATED INSIDE THE FENCE PROVIDE A FENCED, SLOTTED OPENING (MINIMUM SIZE REQUIRED) THRU THE FENCE TO ALLOW THE OPERATOR ARM TO PROTRUDE THRU & FUNCTION PROPERLY.
49. FLAT GRADE REQUIRED FOR PROPER OPERATION OF GATE
50. SWING SECURITY GATE; MAINTAIN 8" MAX. @ BOTTOM RAIL.
51. 36"x48" NEMA ENCLOSURE, SEE GATE DETAILS FOR MOUNTING LOCATION.
52. VERTICAL PIVOT GATE, REFER TO MANUFACTURER SHOP DRAWINGS FOR COLUMN FOUNDATION SPECIFICATIONS.
53. MOTORIZED OPERATOR FOR VERTICAL PIVOT GATE

NOTES:

1. OTHER CONDUITS AS REQUIRED TO COMPLETE INSTALLATION TO BE COORDINATED WITH FXF PROJECT MANAGER.
2. PROVIDE SEPARATE CONDUIT & PULL BOXES FOR LOW VOLTAGE CABLES & POWER CABLES, TYPICAL

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The FedEx Freight logo is located in the bottom right corner. It features the word "FedEx" in a bold, sans-serif font, with the "E" containing a white arrow pointing to the right. To the right of "FedEx" is the word "Freight" in a smaller, regular sans-serif font. A registered trademark symbol (®) is positioned to the upper right of the "Freight" text.

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48 DOOR DOCK, OFFICE, AND SHOP B'TS
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| Date | Revision |
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Drawn by : BLK/DDG

Checked by: BLK

Release Date: 11.16.23

Job # : JBR - FY24

Title:

TRUCK ENTRANCE SECURITY DETAILS

Sheet #

SD2.02

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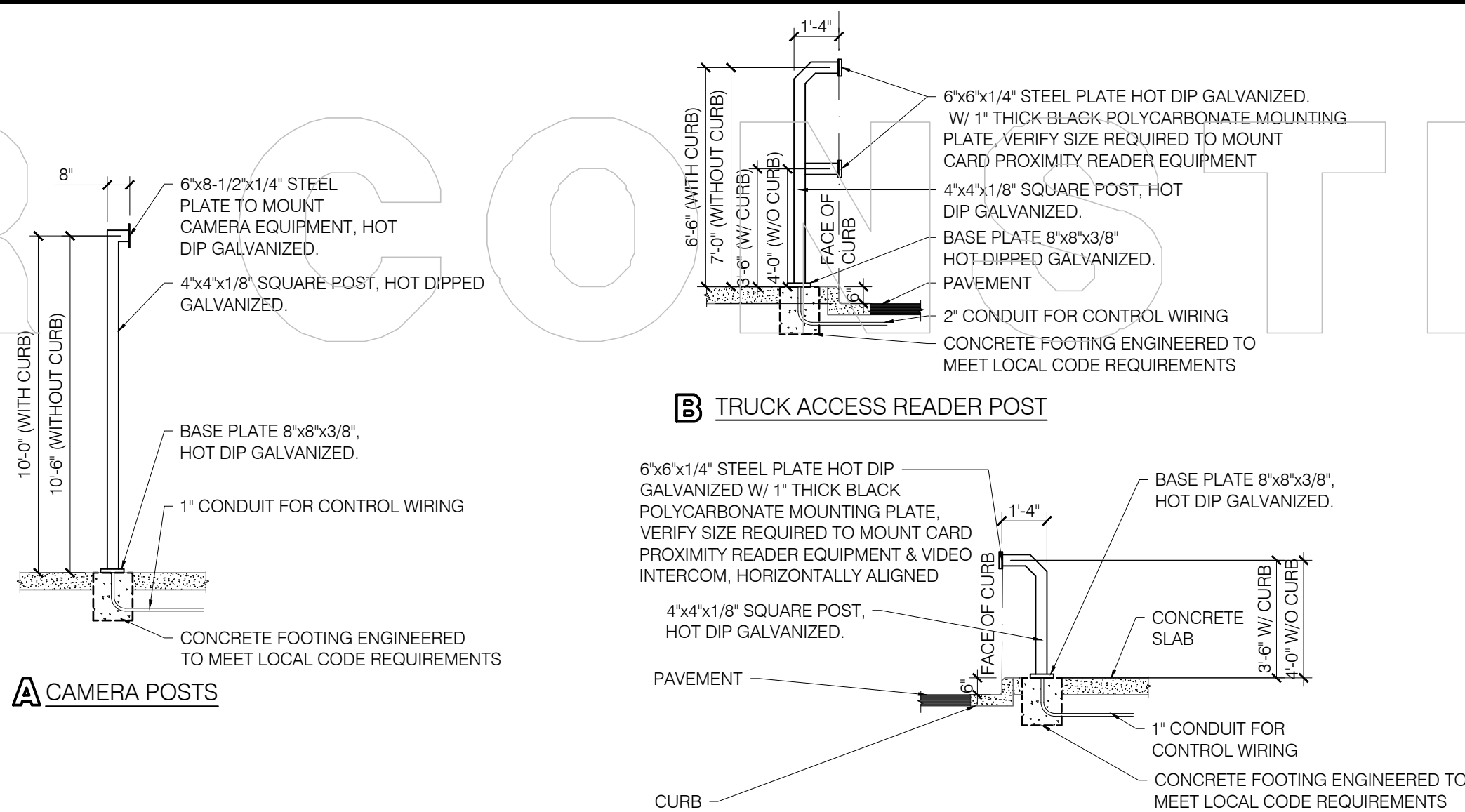
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SCALE

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CAMERA MOUNTING PLATE
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POST BASE PLATE
SCALE: 3" = 1'-0"

Sheet #

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| 1 KEY NOTE SYMBOL | SOME KEY NOTES MAY NOT APPLY |
|-------------------|------------------------------|

- NOTES:
1. OTHER CONDUITS AS REQUIRED TO COMPLETE INSTALLATION TO BE COORDINATED WITH FXF PROJECT MANAGER.
 2. PROVIDE SEPARATE CONDUIT & PULL BOXES FOR LOW VOLTAGE CABLES & POWER CABLES, TYPICAL.

designs and arrangements recommended hereby are to be used in the construction of the building and shall remain the property of the architect and no part thereof shall be copied, altered or adapted without the written consent of the architect. Visual contact with these drawings or specifications shall constitute conclusive evidence of acceptance of these restrictions. Written dimensions on these drawings shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and this office must be notified of any variations from the dimensions and conditions shown by these drawings. Shop details must be submitted to this office for approval before proceeding with fabrication.

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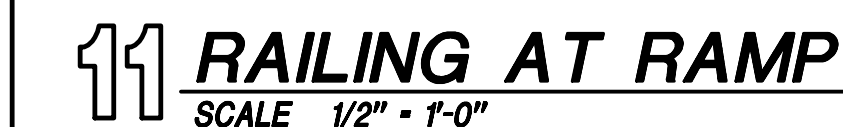
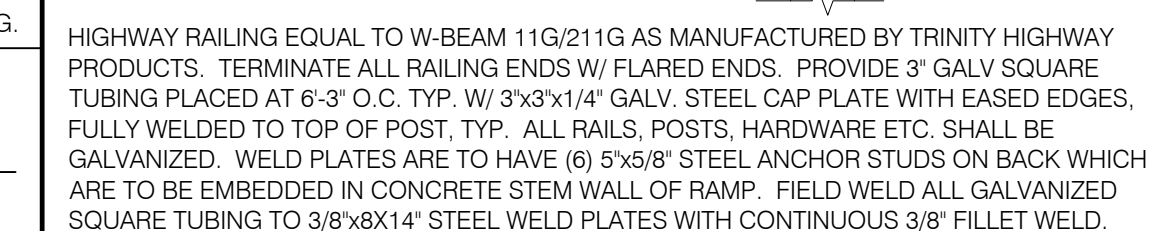
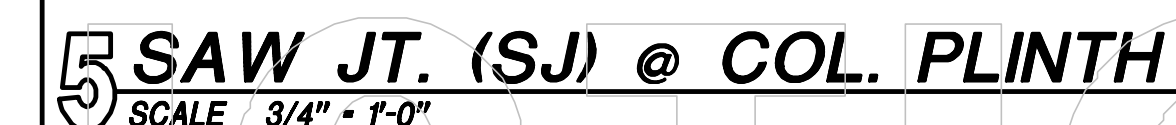
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Sheet # : **SD2.03**

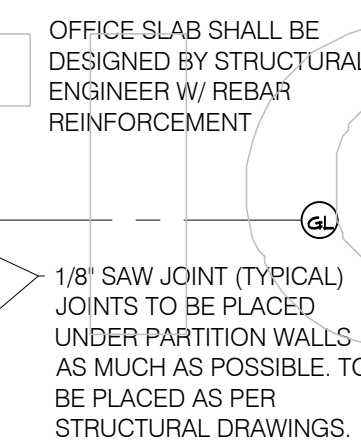
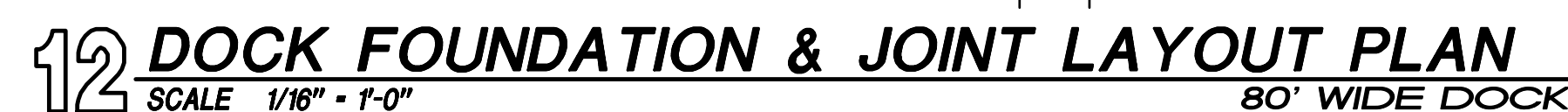
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SCALE: 1/8" = 1'-0"

2 VERTICAL LIFT GATE AT EMPLOYEE ENTRANCE




1. DOWELS AND TUBE SHEATH TO BE PRE-SET INTO FORM PRIOR TO CONCRETE PLACEMENT OR DRILLED AND SET AFTER CONCRETE HAS HARDENED. PUSHING DOWELS INTO CONCRETE THAT IS NOT HARDENED IS NOT ALLOWED.
2. FLOOR REINFORCEMENT SUPPORTED BY USE OF CHAIRS POSITIONED 36" ON CENTER EACH WAY AND SECURED TO REBAR.
3. SEE SITE PLAN SD.01 FOR RAMP ORIENTATION.



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FACILITY DESIGN AND CONSTRUCTION
48 DOOR DOCK, OFFICE, AND SHOP BTS
JBR
MOORE ROAD, JONESBORO, AR

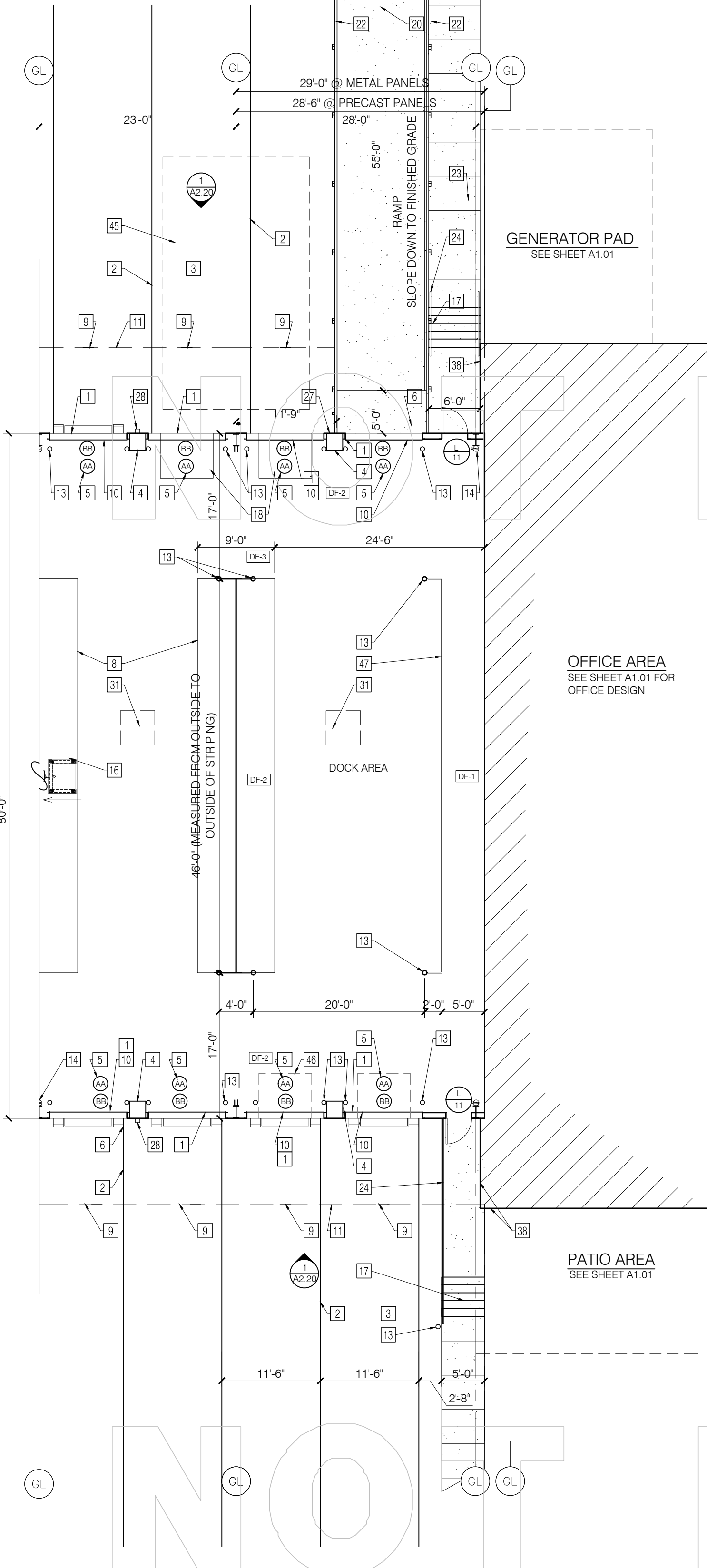
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DOCK FOUNDATION & JOINT LAYOUT PLAN

Sheet # :

F1.20

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TYPE IV
TYPICAL EXPANDABLE END
WALL BAY W/ METAL STAIR

REFER TO SD1.01 FOR
BAY TYPE TO BE USED.

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| Title: | | |

DOCK BAYS FLOOR PLAN

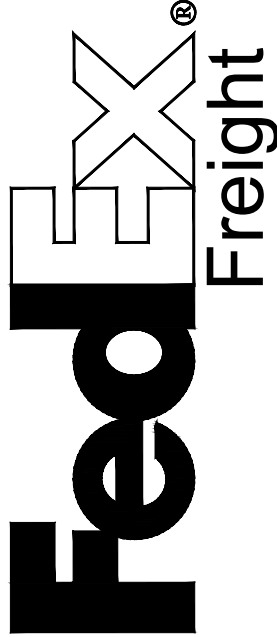
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GENERAL NOTES:

1. ALL FORKLIFT LAYOUT PLANS MAY NOT BE APPLICABLE FOR EVERY PROJECT.
2. REFER TO SITE PLAN FOR DOCK WIDTH
3. REFER TO SITE PLAN FOR FORKLIFT LOCATIONS AND NUMBER REQUIRED.
4. EXHAUST ARE TO BE INSTALLED ABOVE FORKLIFT CHARGER RACKS, AS REQUIRED BY LOCAL CODE & DESIGNED BY MECH. ENGINEER

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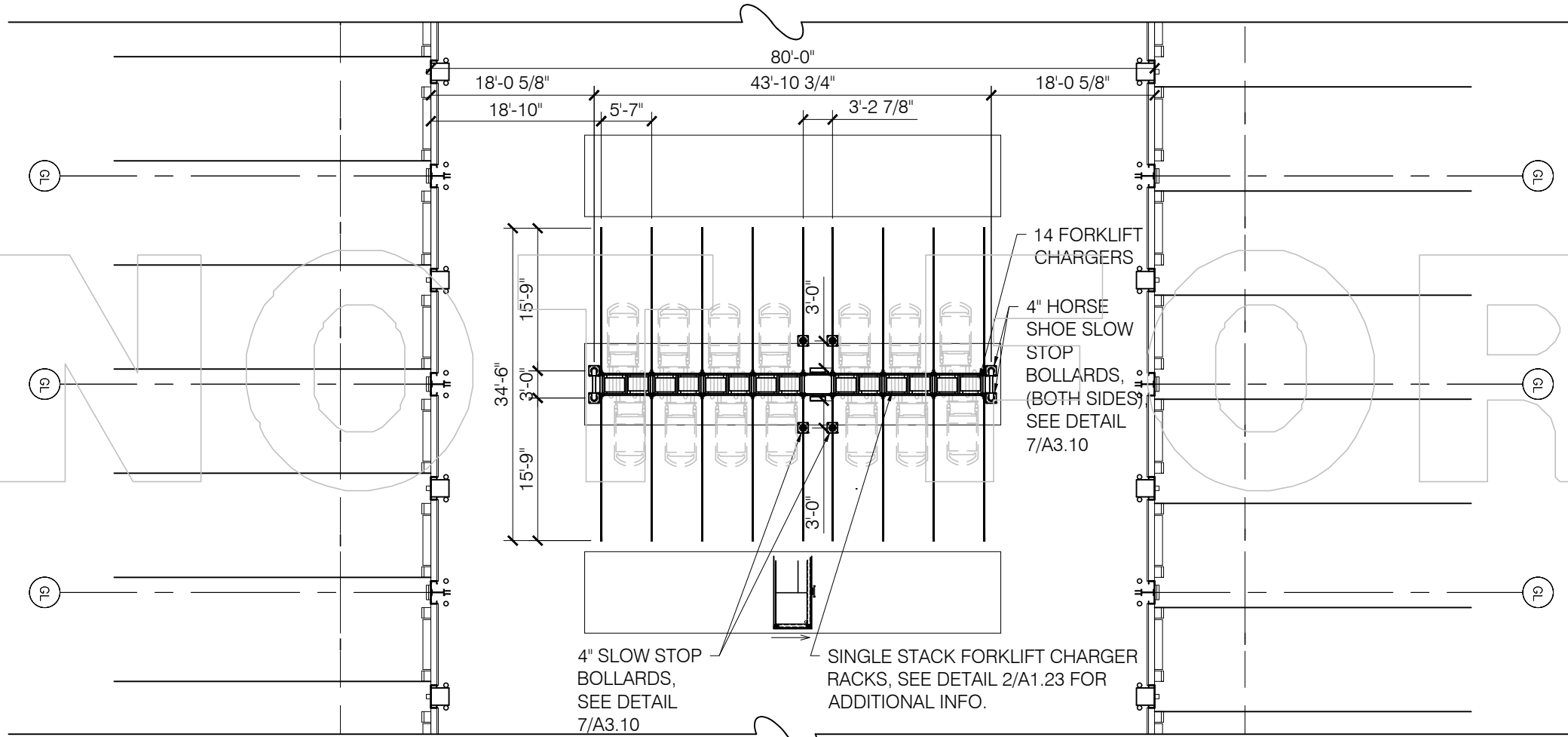
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ELECTRIC
FORKLIFT
CHARGERS

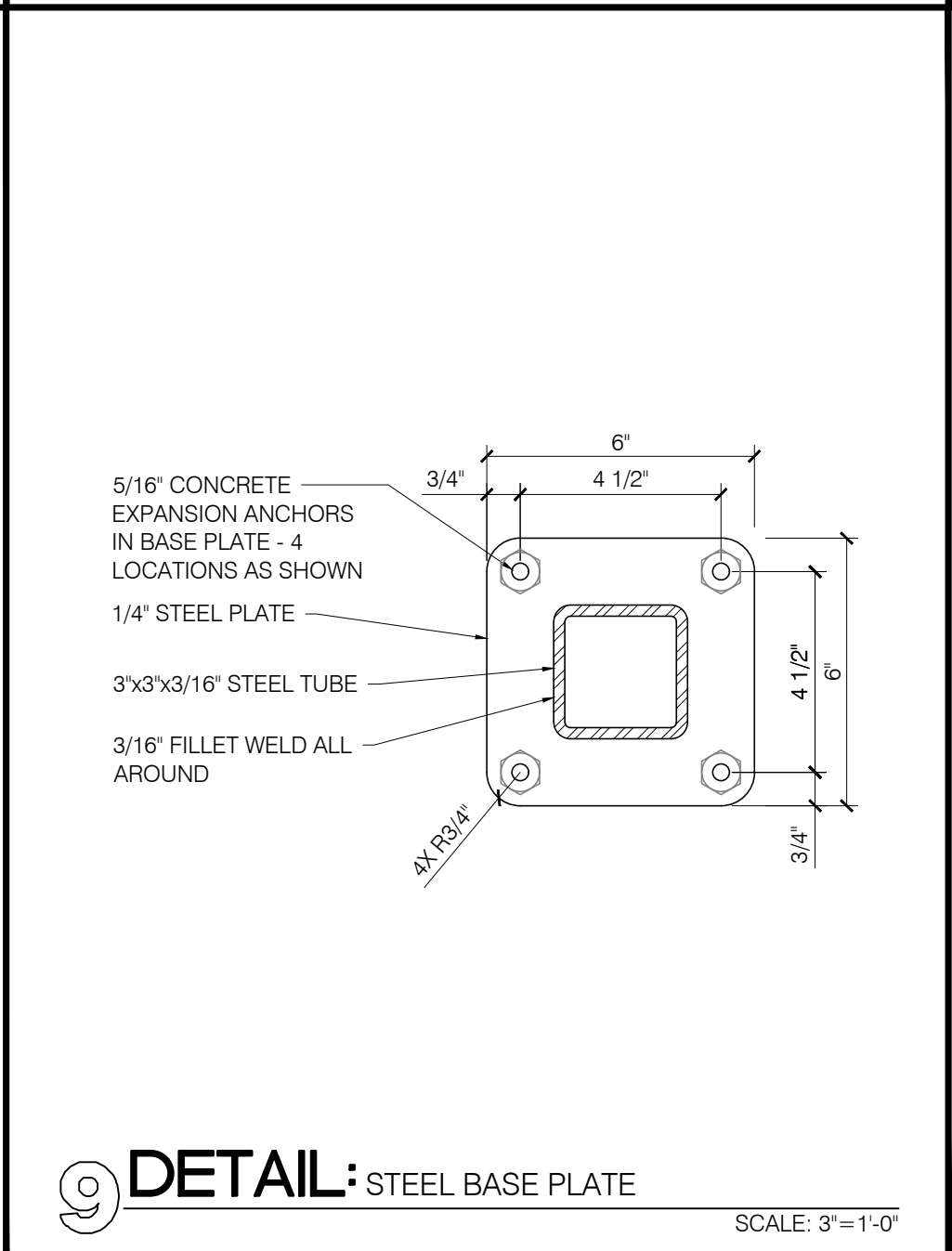
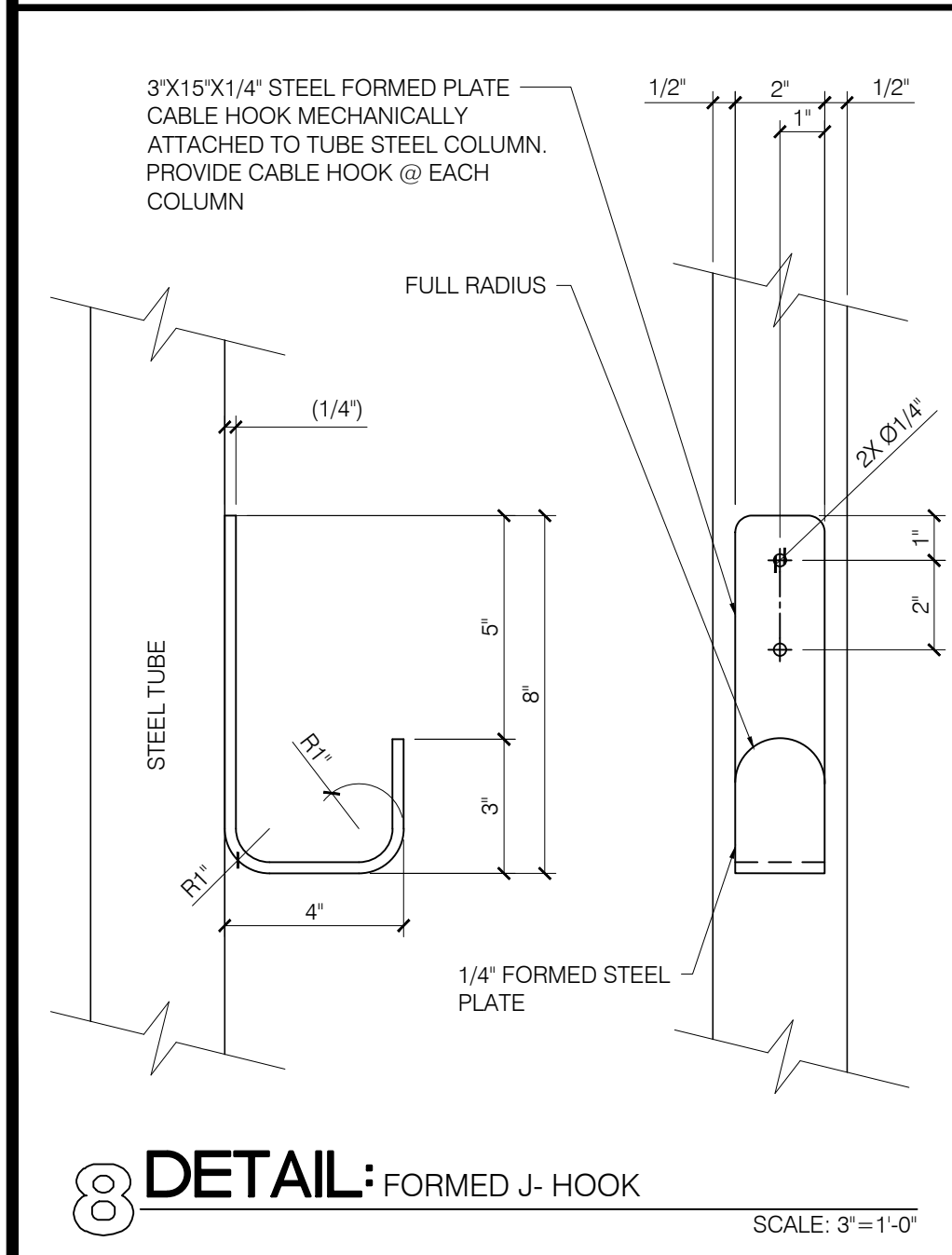
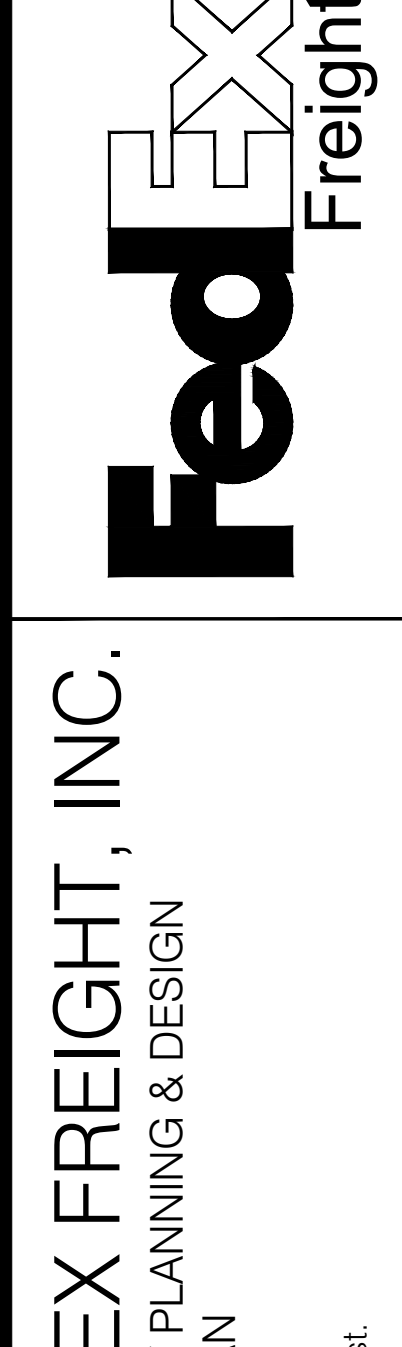
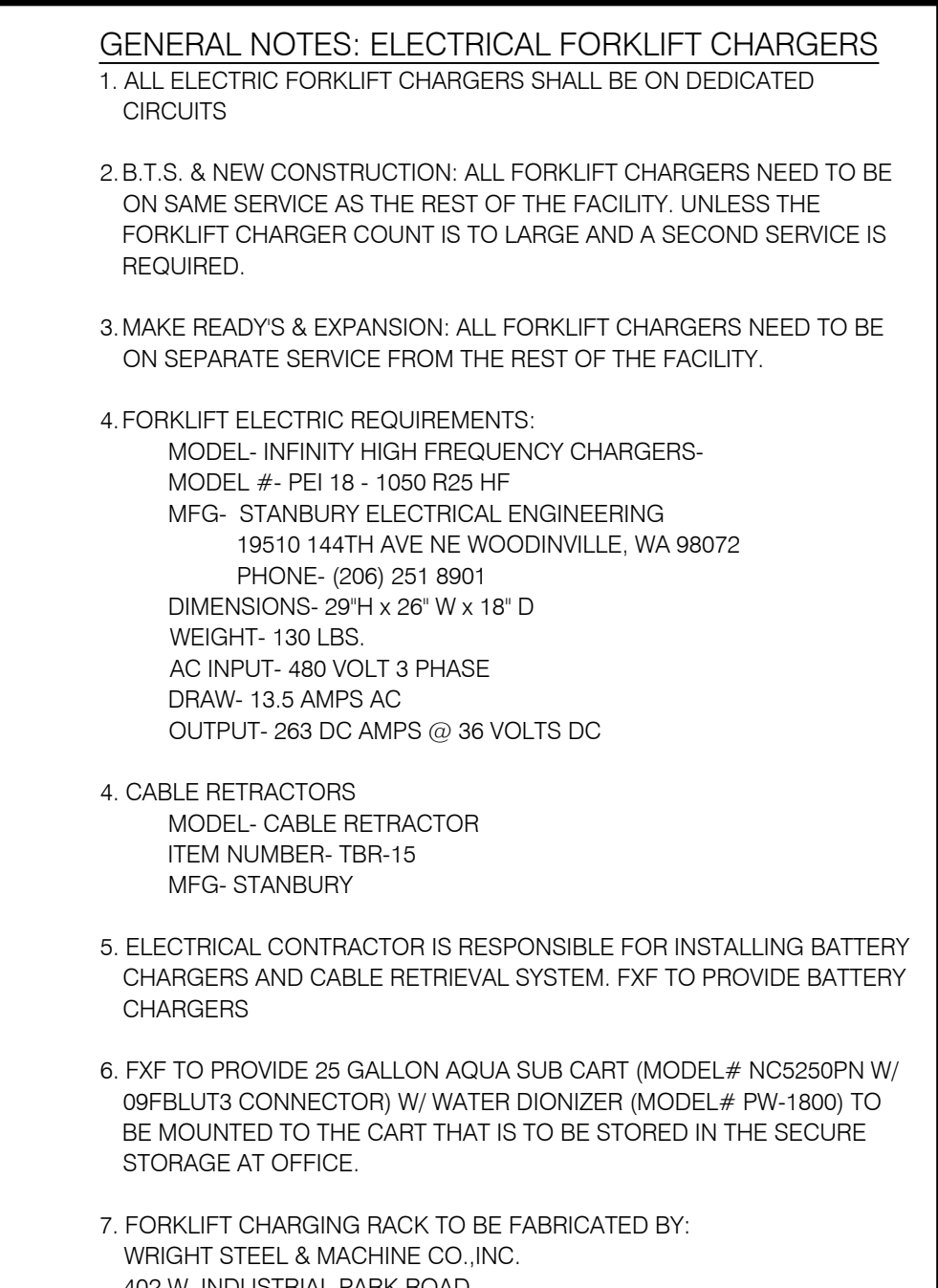
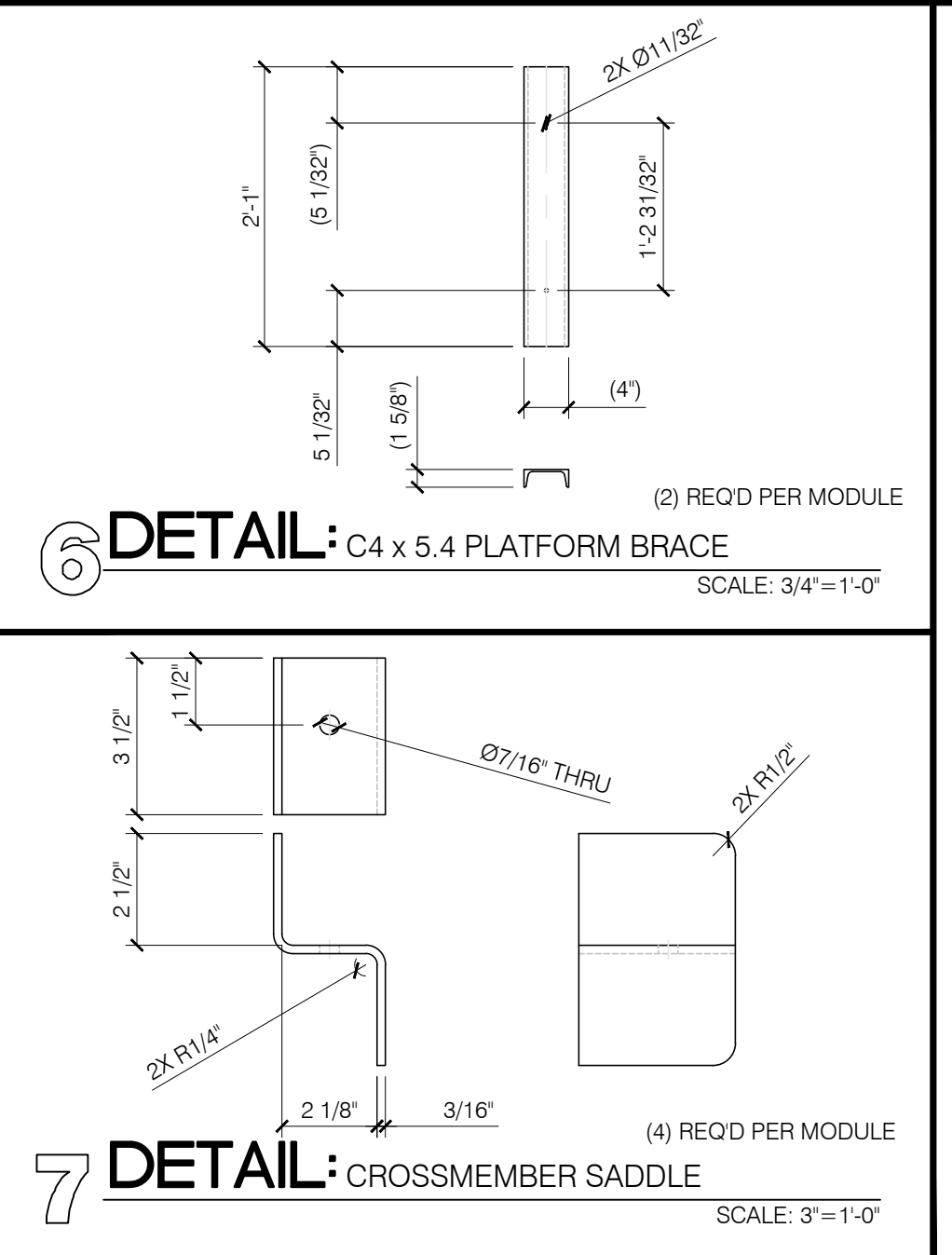
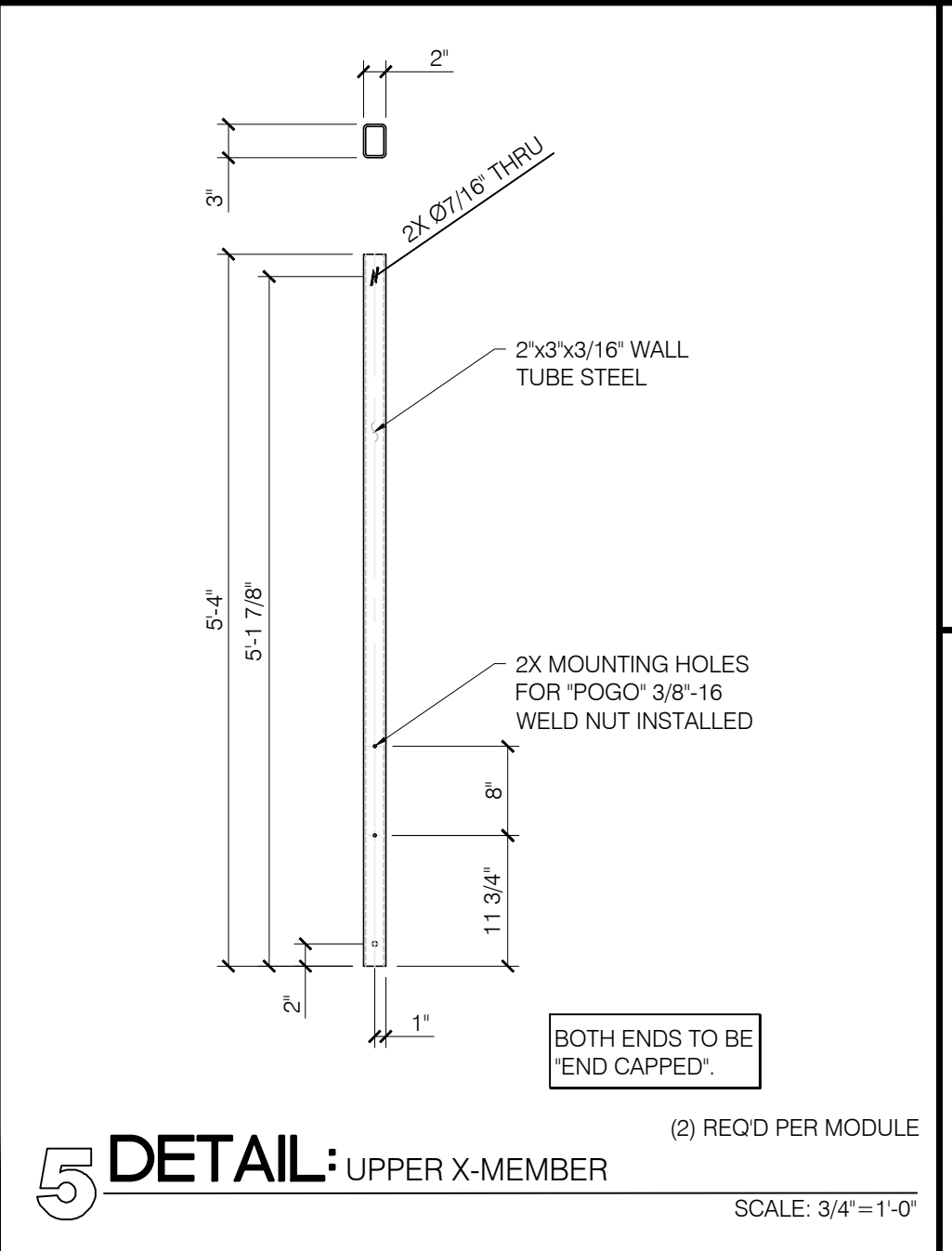
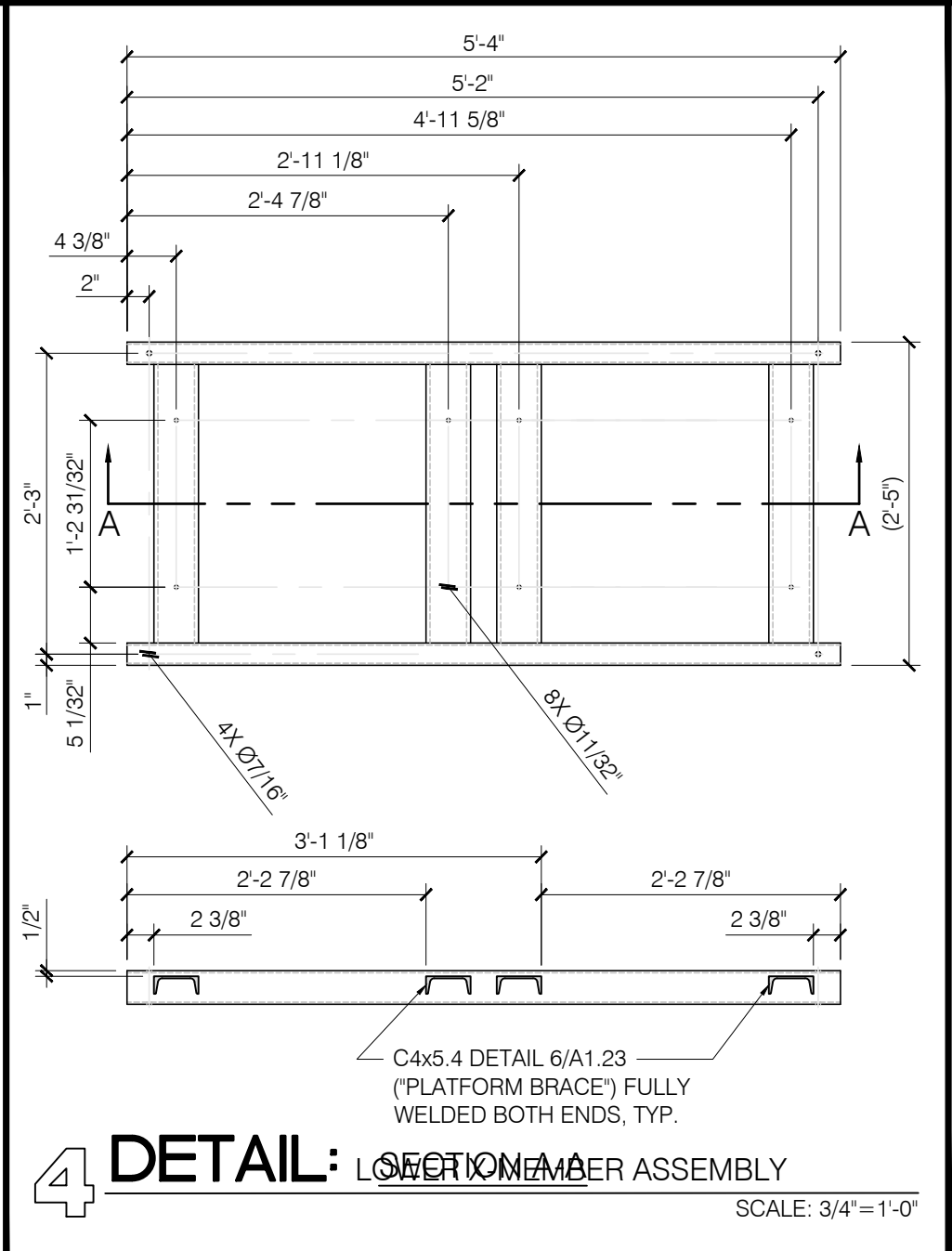
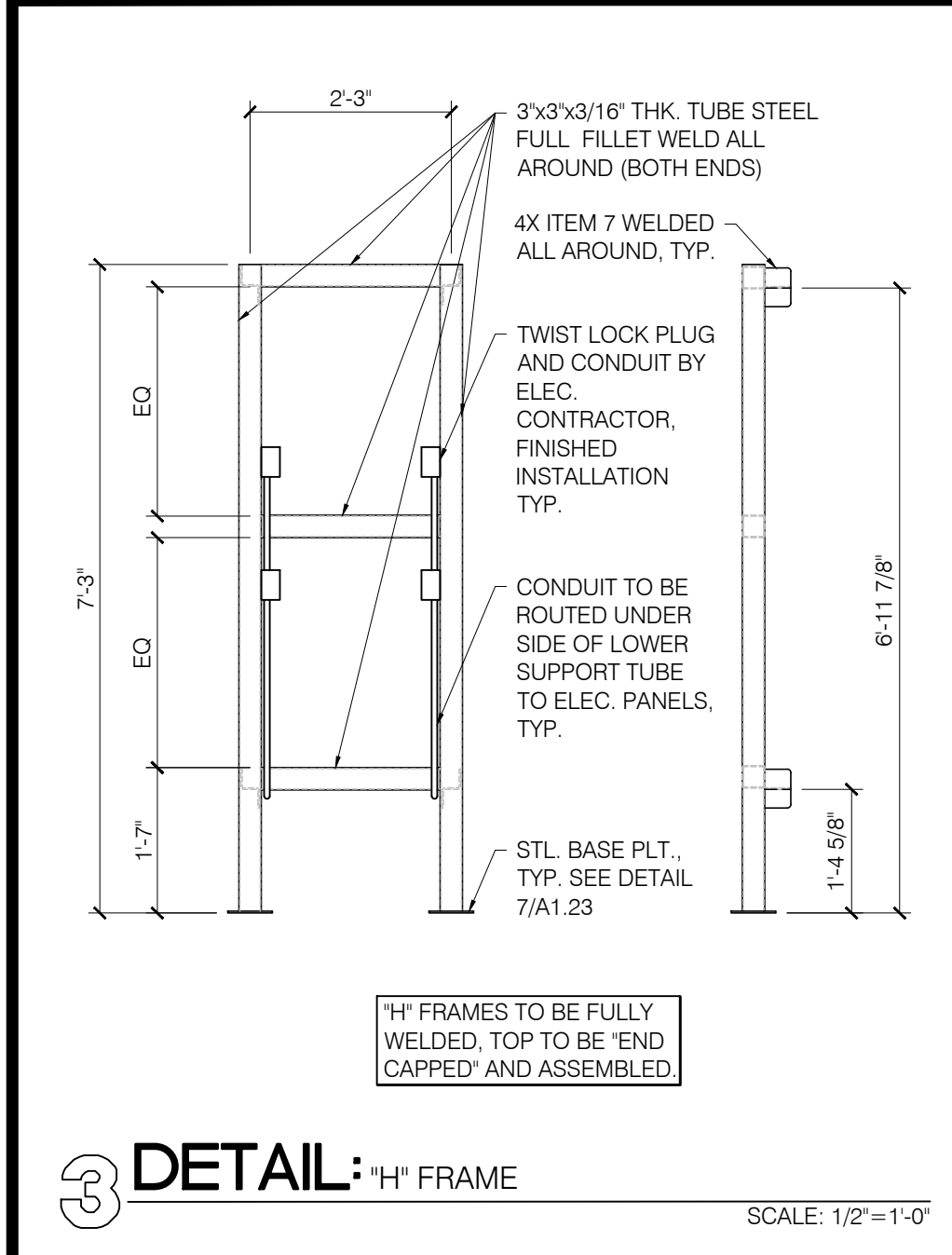
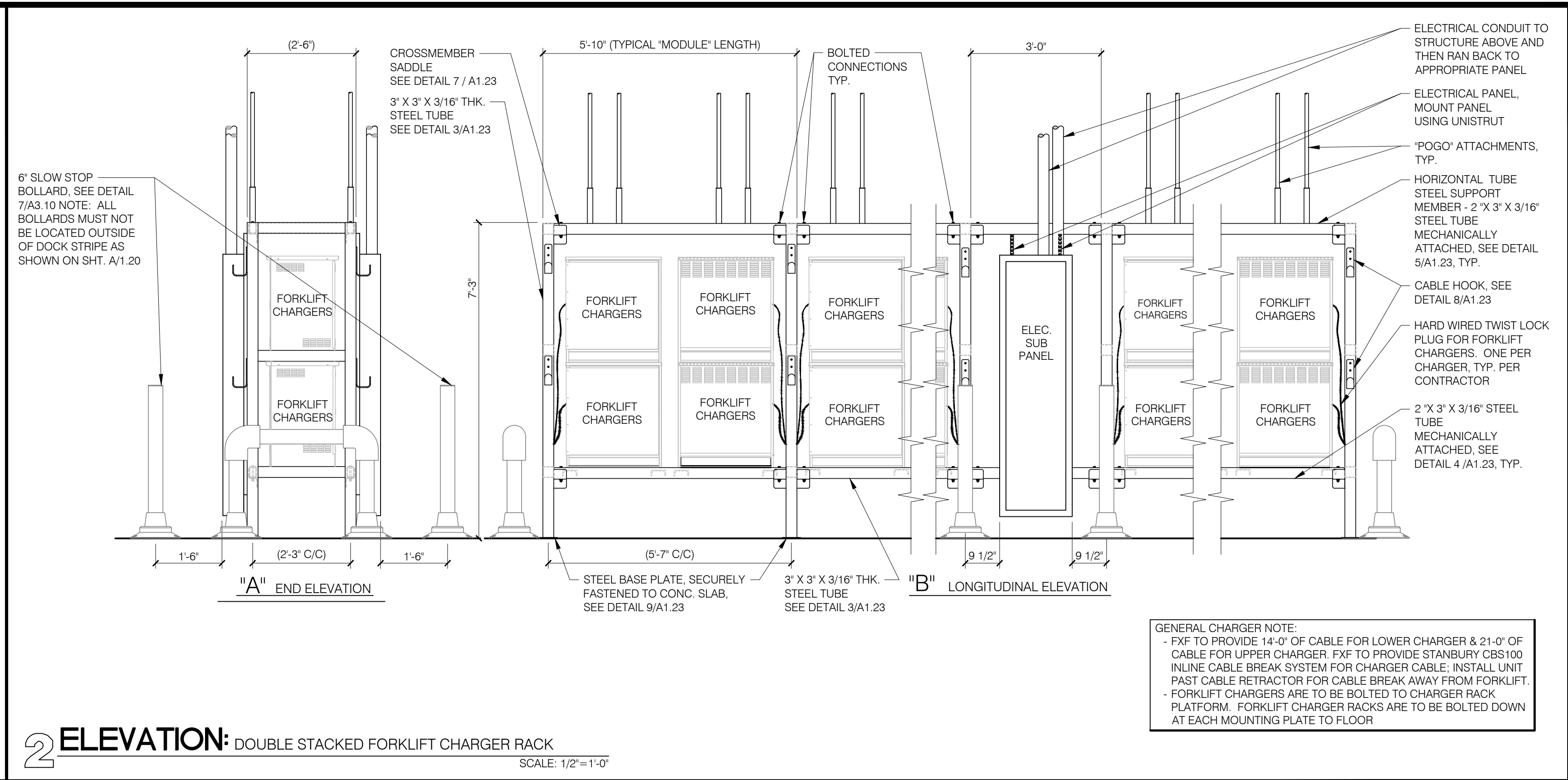
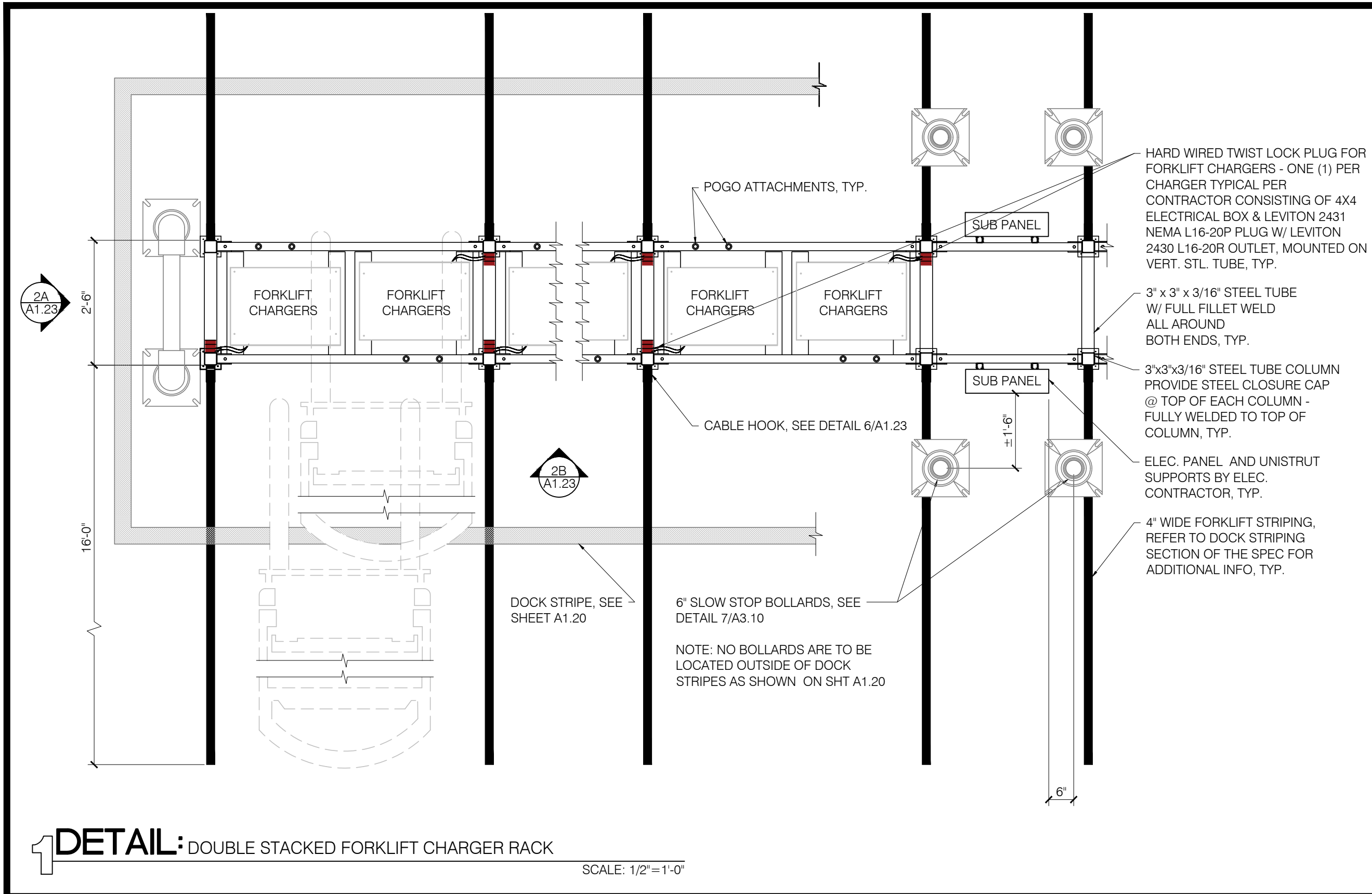
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NOTE: ALL ENLARGED PLANS MAY NOT BE APPLICABLE FOR EVERY PROJECT. REFER TO SITE DEVELOPMENT PLAN FOR, DOCK WIDTH, FORKLIFT LOCATIONS, AND NUMBER REQUIRED.



"C" FORKLIFT LAYOUT @ TYPICAL TYPE II DOCK BAY

1 ENLARGEMENT PLANS
FORKLIFT LAYOUT
SCALE: 1/16" = 1'



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FACILITY PLANNING & DESIGN

SITE PLAN

street, city, st.

Date

Revision

Drawn by

Checked by

Release Date

Job #

Title

ELECTRIC
FORKLIFT
CHARGER
DETAILS

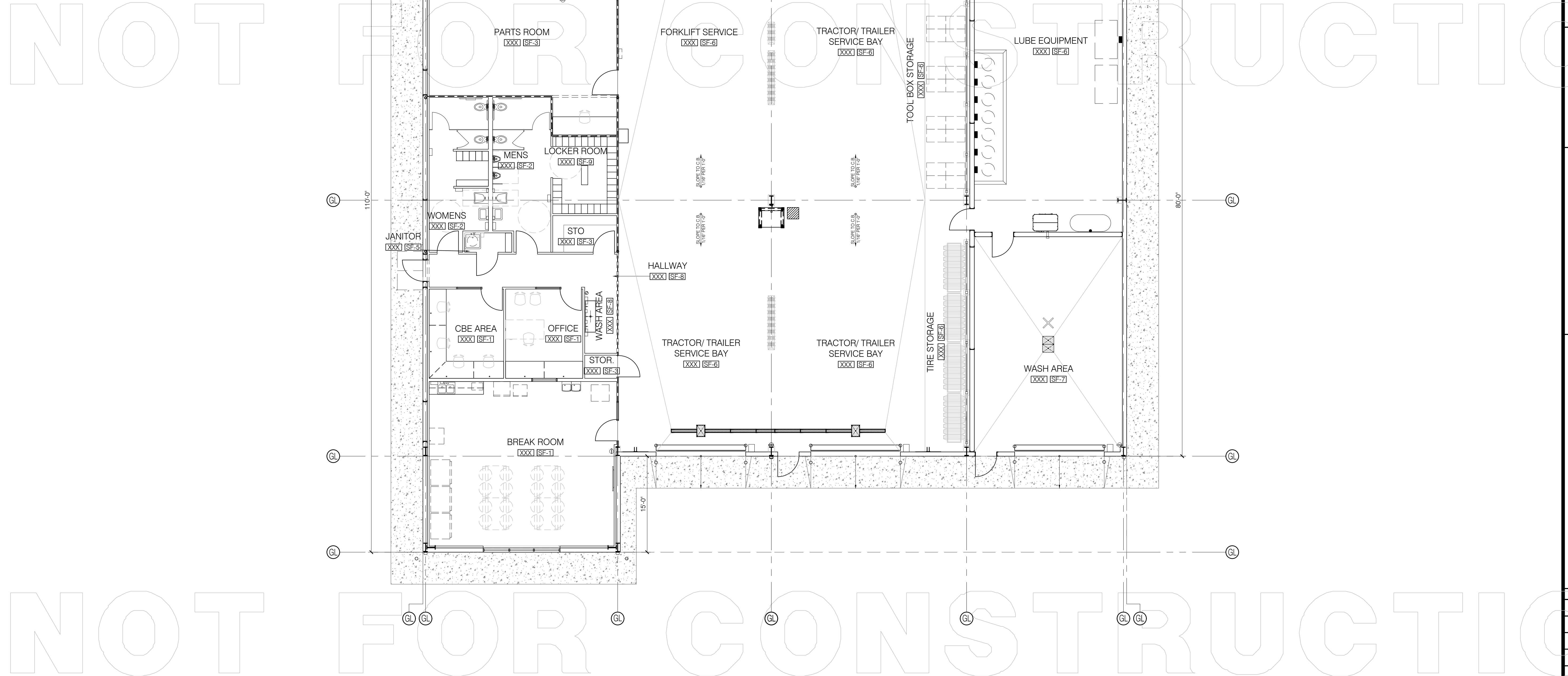
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GENERAL CHARGER NOTE:

- FXF TO PROVIDE 14'-0" OF CABLE FOR LOWER CHARGER & 21'-0" OF CABLE FOR UPPER CHARGER. FXF TO PROVIDE STANBURY CBS100 INLINE CABLE BREAK SYSTEM FOR CHARGER CABLE; INSTALL UNIT PAST CABLE RETRACTOR FOR CABLE BREAK AWAY FROM FORKLIFT.
- FORKLIFT CHARGERS ARE TO BE BOLTED TO CHARGER RACK PLATFORM. FORKLIFT CHARGER RACKS ARE TO BE BOLTED DOWN AT EACH MOUNTING PLATE TO FLOOR.

GENERAL NOTES: ELECTRICAL FORKLIFT CHARGERS

1. ALL ELECTRIC FORKLIFT CHARGERS SHALL BE ON DEDICATED CIRCUITS
2. B.T.S. & NEW CONSTRUCTION: ALL FORKLIFT CHARGERS NEED TO BE ON SAME SERVICE AS THE REST OF THE FACILITY. UNLESS THE FORKLIFT CHARGER COUNT IS TO LARGE AND A SECOND SERVICE IS REQUIRED.
3. MAKE READYS & EXPANSION: ALL FORKLIFT CHARGERS NEED TO BE ON SEPARATE SERVICE FROM THE REST OF THE FACILITY.
4. CABLE RETRACTORS:
MODEL- INFINITY HIGH FREQUENCY CHARGERS-
MODEL #- PEI 18 - 1050 R25 HF
MFG- STANBURY ELECTRICAL ENGINEERING
19510 144TH AVE NE WOODINVILLE, WA 98072
PHONE- (206) 251 8901
DIMENSIONS- 29"H x 26" W x 18" D
WEIGHT- 130 LBS.
AC INPUT- 480 VOLT 3 PHASE
DRAW- 13.5 AMPS AC
OUTPUT- 263 DC AMPS @ 36 VOLTS DC
5. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING BATTERY CHARGERS AND CABLE RETRIEVAL SYSTEM. FXF TO PROVIDE BATTERY CHARGERS
6. FXF TO PROVIDE 25 GALLON AQUA SUB CART (MODEL# NC5250PN W/ 09FBLUT3 CONNECTOR) W/ WATER DIONIZER (MODEL# PW-1800) TO BE MOUNTED TO THE CART THAT IS TO BE STORED IN THE SECURE STORAGE AT OFFICE.
7. FORKLIFT CHARGING RACK TO BE FABRICATED BY:
WRIGHT STEEL & MACHINE CO., INC.
402 W. INDUSTRIAL PARK ROAD
HARRISON, AR 72601
870-741-9103
CONTACT: STEVE WRIGHT



1 SHOP OVERALL FLOOR PLAN

NOTE: SEE SITE DEVELOPMENT PLAN FOR CORRECT ORIENTAION

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| Job # : JBR - FY24 | |
| Title: | |

SHOP OVERALL FLOOR PLAN

Sheet # : **A1.81**



| | |
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| A | FULL HEIGHT GALVANIZED LINER PANEL. |
| B | FULL HEIGHT PAINTED LINER PANEL |
| C | LINER PANEL NOT REQUIRED |
| D | PARTIAL HGT. LINER PANEL- 10'-5 1/2" A.F.F. AND ABOVE |

NOTE: PROVIDE ALL TRIMS AND ACCESSORIES NECESSARY

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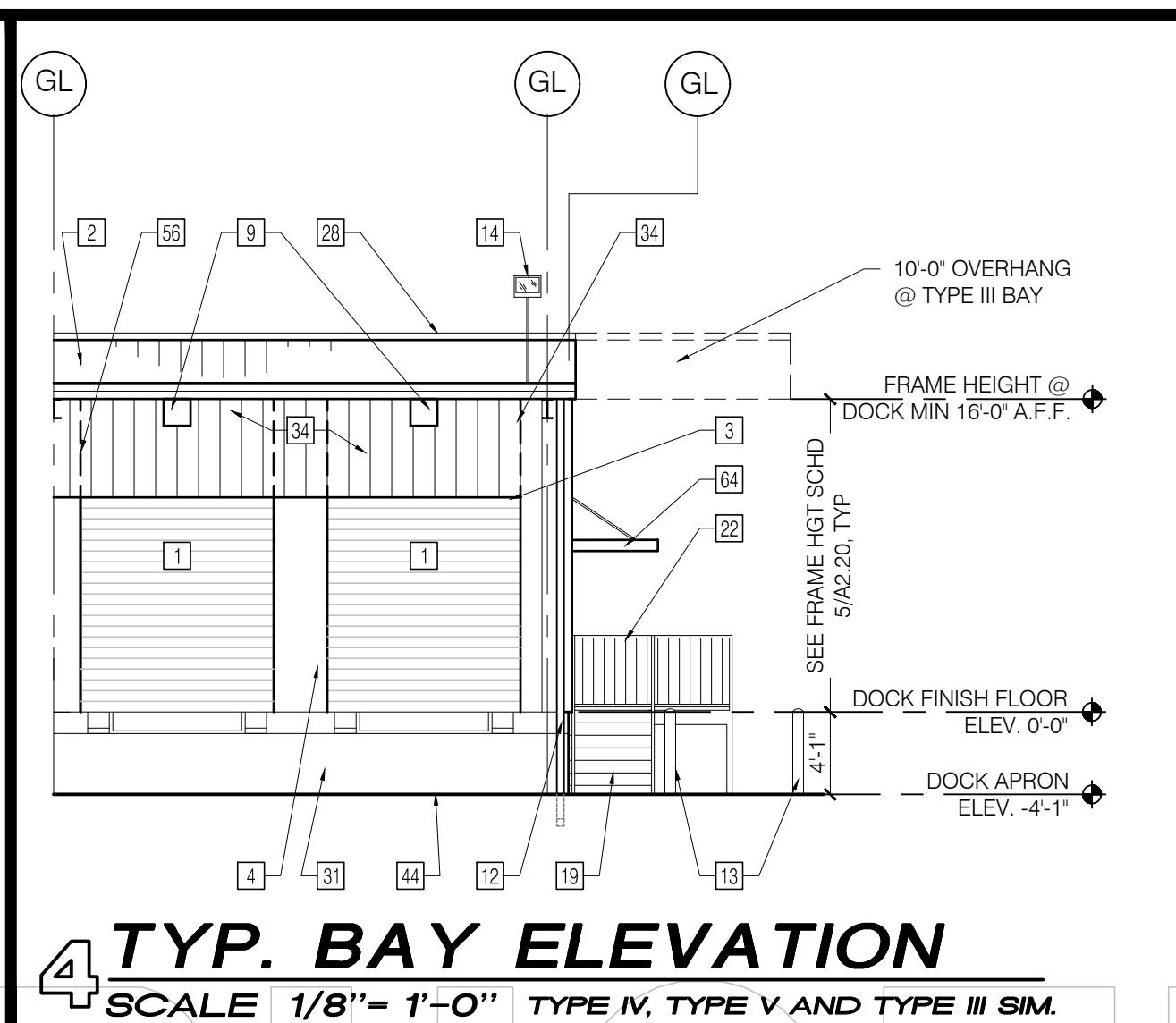
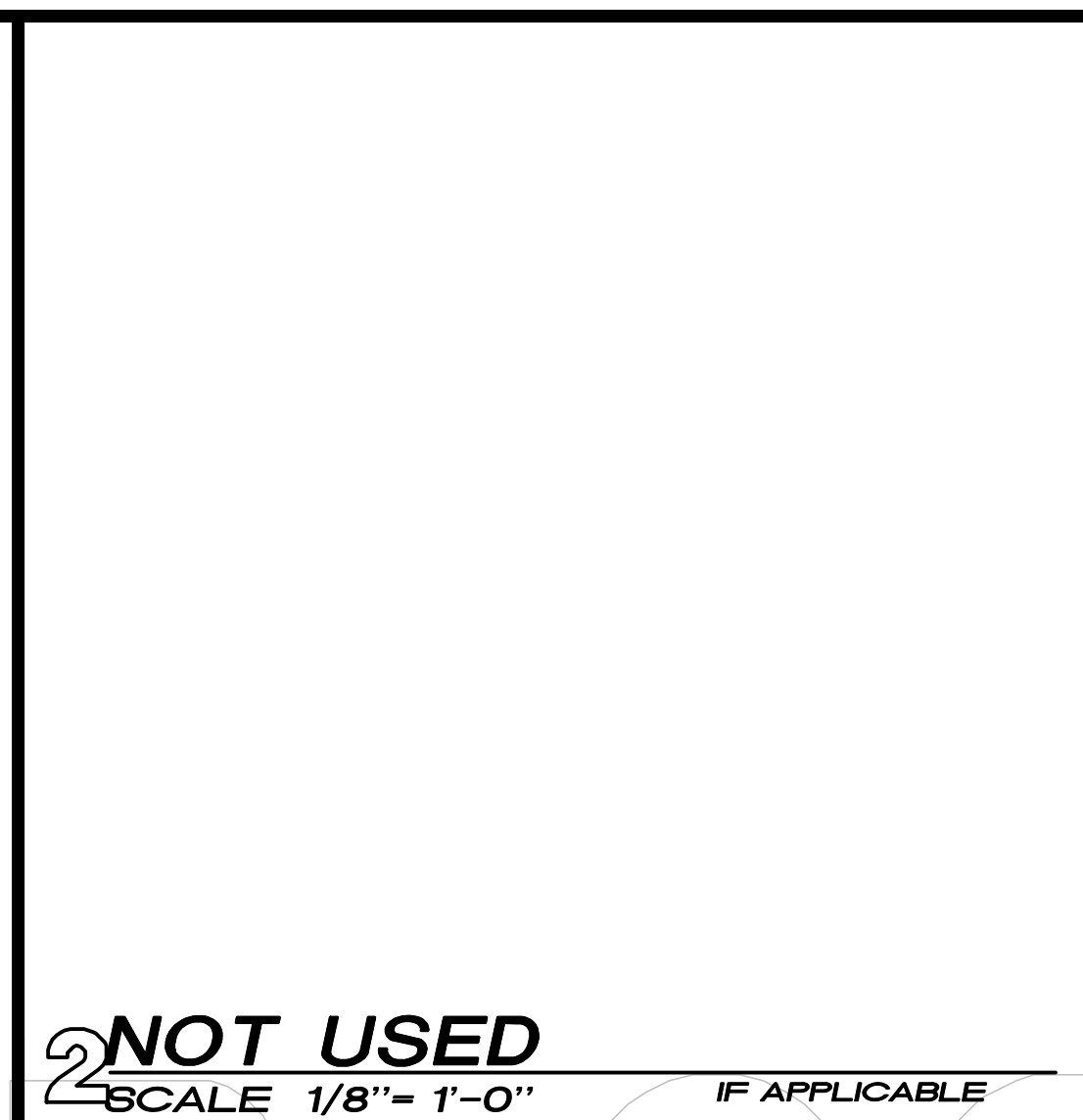
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OFFICE BUILDING ELEVATIONS

Sheet # :

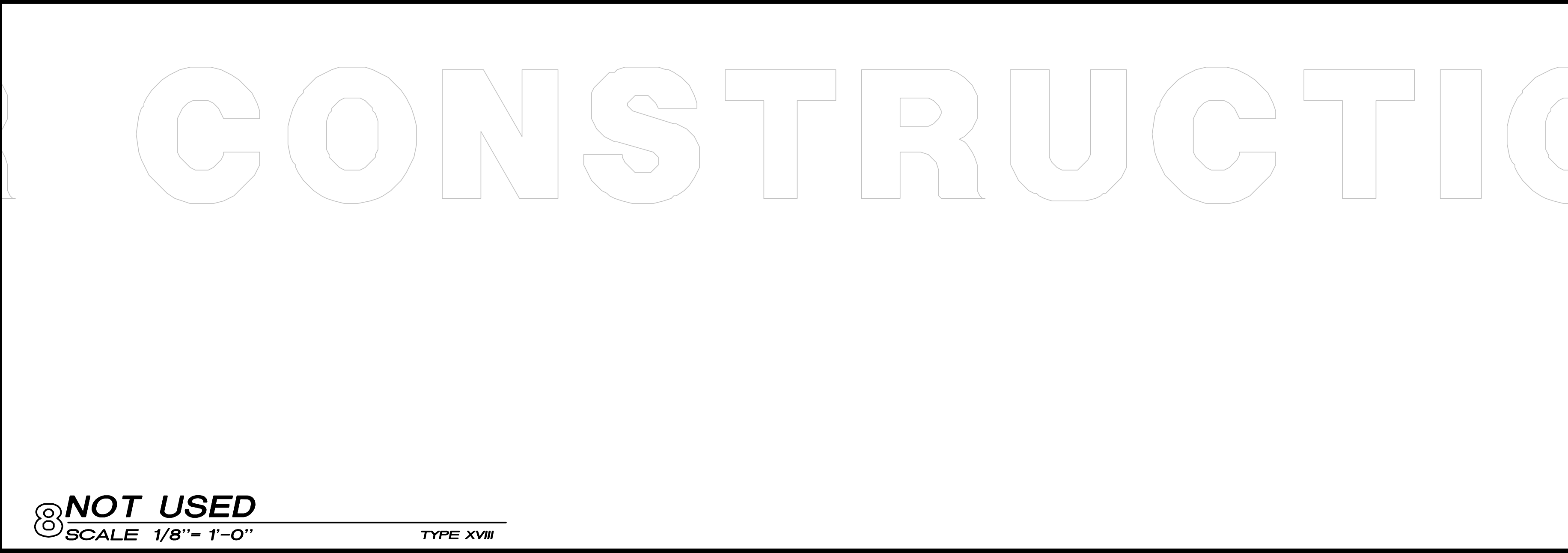
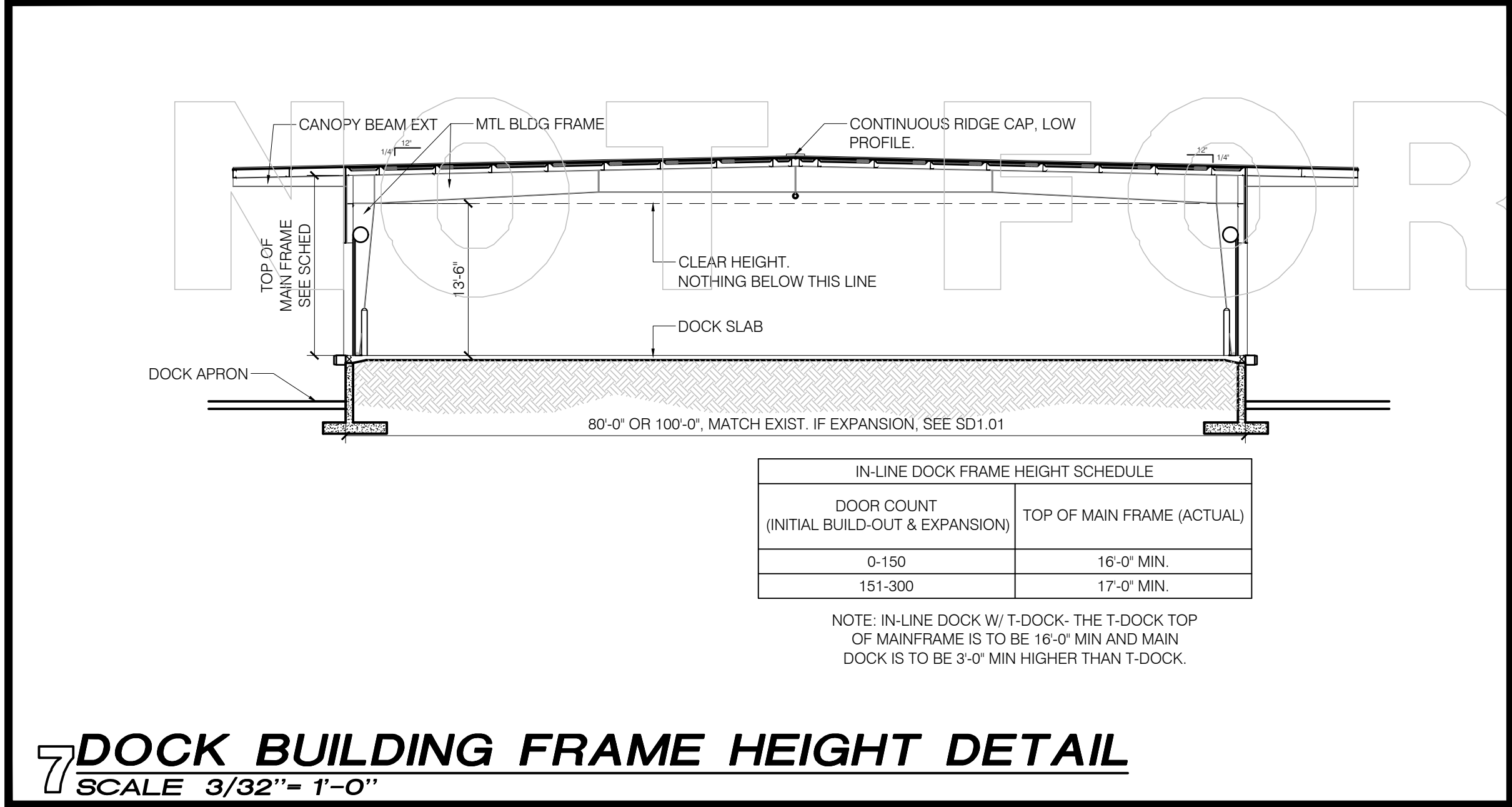
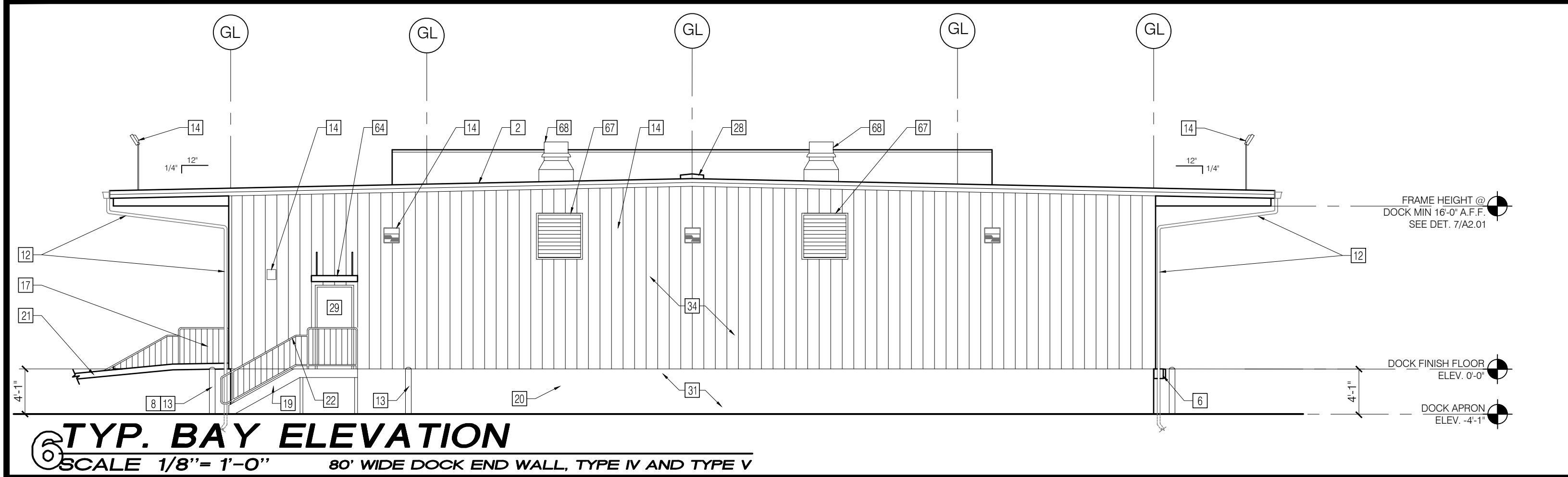
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- | KEYED NOTES - SERVICE CENTER ELEV. | | |
|------------------------------------|--|--|
| 1 | KEY NOTE SYMBOL | SOME KEY NOTES MAY NOT APPLY |
| 1. | OVERHEAD COILING SHEET DOORS, SEE FXF SPECIFICATIONS | LOCAL CODE |
| 2. | STANDING SEAM METAL ROOF ON STRUCTURAL PURLINS, SUPPLIED BY PEMB MANUF. INSTALLED BY G.C. | 22. METAL RAIL TO MEET LOCAL & STATE CODES |
| 3. | CONTINUOUS "J" TRIM AT BOTTOM OF METAL WALL PANELS. COLOR TO MATCH WALL PANEL COLOR. | 23. ARCHITECTURAL STANDING SEAM ROOF |
| 4. | 3/16" THICK X 2-5 1/2" W X 10-3' L STEEL PLATE BETWEEN OVERHEAD COILING DOORS WELDED TO MIN 12 GA DOOR POST WITH 2" FILLET WELDS @ 24" CENTERS, BY PEMB MANUF., TYP. OVERLAP 2" ABOVE DOOR JAMB. | 24. BACK LUT FEDEX SIGN TYPE 2, SEE SPECIFICATIONS |
| 5. | PRE-ENGINEERED, PRE-FIN. CANOPY OVER PATIO, COLUMN BASE PLATES ARE TO BE BELOW SLAB. INTERNALLY SLOPED CANOPY TO PVC COLUMN DRAINS CONNECTED TO STORM SEWER. | 25. "V" JOINT IN PRECAST PANELS TYPICAL WHERE SHOWN |
| 6. | EDGE OF DOCK LEVELERS & BUMPERS WELDED TO CONTINUOUS STEEL CHANNEL PAINT ALL WELDS. REFER TO DETAIL 7/F1.20 (SEE SPECS) | 26. PRE-FINISHED NON-WELDED ALUMINUM PIPE RAILING SYSTEM TO INCLUDE ALL RAILS, PICKETS, POSTS, CONNECTORS, ANCHORS, ETC. DESIGNED TO MEET ALL CODES. COLOR TO BE SELECTED BY FEDEX FREIGHT. |
| 7. | ROOF HATCH, SEE PLAN. | 27. PRECAST CONCRETE PANELS, PRIME AND PAINT |
| 8. | CONCRETE ROPKLUFT RAMP (SEE SITE PLAN FOR EXACT LOC. OF RAMP) | 28. CONTINUOUS RIDGE CAP, LOW PROFILE, BY PEMB MANUF. |
| 9. | OVERHEAD DOCK DOOR NUMBERS, SEE DETAIL 10/A3.10. COORDINATE NUMBER SYSTEM I.D WITH FXF PROJECT MANAGER. | 29. PASSAGE DOOR & FRAME, SEE SCHED. |
| 10. | CONCRETE HANDICAP RAMP W/ ALUM. NON-WELDED PIPE RAILING SYSTEM. | 30. WINDOW & FRAME (SEE OFFICE FLOOR PLAN & SCHEDULE FOR ADDITIONAL INFORMATION) |
| 11. | LINE OF 10'-0" CANOPY OVERHANG - REFER TO PEMB MANUF. PLANS | 31. CONC. STEM WALL TO HAVE RUBBED FINISH |
| 12. | GUTTER AND DOWNSPOUTS TO BE CONNECTED TO BELOW GRADE STORM DRAIN SYSTEM, IF DOCK SHELTERS ARE USED, COORDINATE LOCATION W/ FXF PROJECT MANAGER. | 32. SPRINKLER SYS. (SEE FXF SPEC) |
| 13. | 6" DIA. SCH. 40 STEEL PIPE BOLLARDS FILLED SOLID WITH CONCRETE. PROTECTIVE PVC SLEEVE W/ INTEGRAL DOME CAP, YELLOW, STANDARD DUTY WALL THICKNESS, SEE SPECIFICATION & DTL 8/SD2.00 | 33. CEILING FAN |
| 14. | LIGHT FIXTURE SEE ELECTRICAL PLAN | 34. METAL WALL PANEL ATTACHED TO HORIZONTAL WALL GIRTS BY BUILDING MANUFACTURERS |
| 15. | TRASH COMPACTOR W/ ELEC. DISCONNECT | 35. INTERIOR GUTTER AND DOWN SPOUT TO DAYLIGHT, TO BE INSTALLED AS SUPPLIED BY PEMB MANUF. |
| 16. | EXT INSULATED FINISH SYSTEM (EIFS), SEE SPEC. | 36. INSULATION BY PEMB MANUF. (SEE FXF SPEC.) |
| 17. | CONCRETE STAIR W/ NON-WELDED ALUMINUM RAIL SYSTEM, AS PER SPECS- ALL RAILINGS TO MEET STATE & LOCAL CODES | 37. METAL COPING, COLOR TO MATCH BUILDINGS EAVE TRIM |
| 18. | PIT LEVELERS, SEE SHEET F1.20 & A1.20 FOR LOCATION, SEE SPECIFICATION | 38. VERTICAL RUSTICATION JOINT |
| 19. | METAL STAIR & RAIL - ALL RAILINGS TO MEET STATE & LOCAL CODES | 39. HANDICAPPED CURB CUT |
| 20. | NO EDGE OF DOCK CHANNEL REQUIRED AT OFFICE, POD OR END WALL | 40. FLAGPOLE; FURNISHED & INSTALLED BY G.C. FLAG FURNISHED & INSTALLED BY FXF. (SEE DTL 3/SD2.00. SEE SHEET SD1.01 FOR LOCATION) |
| 21. | INSTALL RAIL OR CONCRETE CURB AS REQUIRED BY | 41. N/A |
| | | 42. PRE-FINISHED METAL PARAPET CAP MATCH EAVE TRIM |
| | | 43. CONTINUOUS PRE-FINISHED 8" HIGH GALVALUME METAL COUNTER FLASHING |
| | | 44. CONCRETE APRON SEE SITE PLAN |
| | | 45. SOFFIT |
| | | 46. CONCRETE CURB |
| | | 47. CONCRETE SIDEWALK |
| | | 48. CONTINUOUS TRAILER TIP BAR ABOVE ALL OVERHEAD COILING DOORS |
| | | 49. 6" PRECAST SPLIT - FACED PROJECT 1/2' BEYOND FINISHED WALL SURFACE |
| | | 50. SPANDREL GLASS FALSE WINDOWS, SEE WINDOW SCHEDULE FOR ADDITIONAL INFO. |
| | | 51. INTERIOR 6" DIA. SCH. 40 STEEL PIPE BOLLARDS FILLED SOLID WITH CONCRETE. PROTECTIVE PVC SLEEVE W/ INTEGRAL DOME CAP, YELLOW, STANDARD DUTY WALL THICKNESS, SEE SPECIFICATION & DTL 7/A3.10 TYP |
| | | 52. METAL CANOPY, SIM. TO DETAIL 1/A3.10. |
| | | 53. NOT USED |
| | | 54. ROOF LINE BEYOND |
| | | 55. PARAPET WALL W/ 26 GA. METAL PANEL INFILL CONST BETWEEN PRECAST PANELS |
| | | 56. PEMB MANUF. DOOR JAMB POSTS SHALL BE CONTINUOUS TO STRUCTURE |
| | | 57. FIRE TREATED PLYWOOD WAINSCOT W/ WOOD TOP TRIM - PAINTED. SEE SECTION 6/A3.16. |
| | | 58. CONCRETE RETAINING WALL, RUB CONCRETE FINISH, PAINT |
| | | 59. 8'-0" PRE-CAST WALL TO SCREEN EQUIPMENT, PAINT |
| | | 60. ACCENT COLOR AS SELECTED BY FXF |
| | | 61. FIELD COLOR AS SELECTED BY FXF |
| | | 62. METAL HIGHWAY RAIL, AT RAMP, SEE DETAIL 11/F1.20 |
| | | 63. METAL HIGHWAY RAIL ON DOCK, SEE DETAIL 13/A3.10 |
| | | 64. 48" x 48" METAL CANOPY, BY PEMB MANUF. |
| | | 65. DOCK SHELTERS, SEE SPEC. |
| | | 66. 48" x 48" METAL CANOPY, SEE DETAIL 1/A3.10 |
| | | 67. FRESH AIR INTAKE LOUVER INTER-LOCKED W/ ROOFTOP EXHAUST FANS, SIZE, QUANTITY AND LOCATION TO BE DETERMINED BY MECHANICAL ENGINEER. |
| | | 68. ROOFTOP EXHAUST FANS INTER-LOCKED WITH ENDWALL INTAKE LOUVERS, SIZE, QUANTITY AND LOCATION TO BE DETERMINED BY MECHANICAL ENGINEER. |
| | | 69. GENERATOR LOCATION WHEN NOTED ON SITE DEVELOPMENT PLAN, PIT LEVELERS TO BE LOCATED ON OPPOSITE SIDE OF DOCK, SEE SITE DEVELOPMENT PLAN SHEET SD1.01 FOR ADDITIONAL INFO |
| | | 70. INSULATED ARCHITECTURAL METAL WALL PANEL |
| | | 71. CANOPY FASCIA TO BE ALUMINUM COMPOSITE PANELS, COLOR TO MATCH PRECAST FIELD COLOR. |
- DOCK WIDTH MAY VARY.
 SEE SITE PLAN SD1.01
 FOR REQUIRED WIDTHS



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DOCK ELEVATIONS

Sheet # : **A2.20**

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



4 SHOP BUILDING ELEVATIONS: TYPE II

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

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

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

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

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

TYPE V
SCALE: $3/32" = 1'-0"$

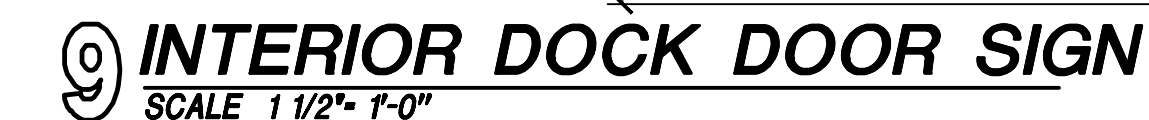
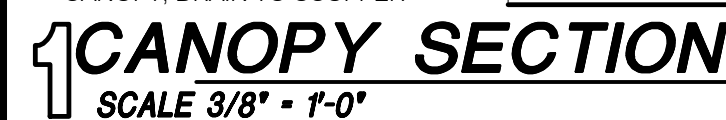
TYPE V

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



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

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



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[illegible]ARCHITECTURAL
DETAILS &
SECTIONS

Sheet # :

A3.10



2 @ PLINTH
SCALE 1 1/2" = 1'-0"




**ALL DETAILS MAY
NOT APPLY**



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| Checked by: BLK | |
| Release Date: 11.16.23 | |
| Job #: JBR - FY24 | |
| Title: | |

ARCHITECTURAL CONCRETE WALL SECTIONS

Sheet # :

A3.16

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8 **NOT USED**
SCALE 3/8" = 1'-0"

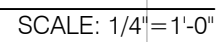
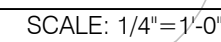
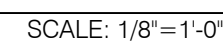


ROOF INSULATION NOTES:

1. INSULATION SYSTEM SHALL BE INSTALLED IN STRICT COMPLIANCE W/ MANUFACTURERS INSTALLATION INSTRUCTIONS.
2. INSULATION SYSTEM SHALL INCORPORATE OSHA COMPLIANT "THROUGH" FALL PROTECTION.
3. INSULATION SYSTEM SHALL BE PROVIDED BY PEMB MANUFACTURER.
4. INSULATION SYSTEM SHALL MEET OR EXCEED U-VALUE OF 0.029 - NO EXCEPTIONS.

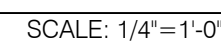


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SCALE: 3"=1'-0"

SCALE: 1 1/2"=1'-0"



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TYPICAL TRACTOR/ TRAILER SERVICE
BAY W/ TIRE & TOOL BOX STORAGE W/
HALF WASH BAY & LUBE EQUIPMENT

1 SHOP BAY FLOOR PLANS

SCALE: 1/8"=1'-0"

KEYED NOTES - SHOP PLUMBING PLAN


1 KEY NOTE SYMBOL

SOME KEY NOTES MAY NOT APPLY

1. EVAPORATE COOLER (WHEN APPLICABLE), PROVIDE INSULATED 1/2" SUPPLY LINE
2. PROVIDE 3/4" SCH. 80 GALVANIZED STEEL WATER LINE W/ THREADED CONNECTIONS AND SHUT-OFF VALVES AS REQUIRED TO CONNECT HOT WATER PRESSURE WASHER TO WASH CAROUSEL BRACE FULL LENGTH OF PIPING AND TERMINATE EACH END AS REQUIRED. INSULATE EXPOSED PIPING WITH WASH BAR AND SEAL ALL PENETRATIONS THROUGH WALL PANELS
3. SUPPLY WATER LINE W/ HOSE BIBB CONNECTION FOR HOT WATER PRESSURE WASHER.
4. GAS LINE W/ SHUT-OFF VALVE TYP. ENGINEER TO VERIFY AND DESIGN PER MANUFACTURER'S REQUIREMENTS. REFER TO EQUIPMENT SCHEDULE ON SHT L1.82
5. OIL / WATER SEPARATOR SIZED & LOCATED AS REQUIRED BY LOCAL CODES, SEE DTL. 3/P1.81
6. FIRE RISER.
7. MECHANICAL UNIT
8. UNIT HEATERS, SIZE AS PER MECHANICAL ENGINEER
9. RADIANT TUBE HEATERS, LOCATED AS SHOWN. COINTEGRATE HEATER LOCATION WITH STRUCTURE, MOUNT AT 17-0" A.F.F. SIZE AS PER MECHANICAL ENGINEER
10. CONTINUOUS TRENCH DRAINS. SLOPE FLOOR TO DRAIN & EXTEND SLOPE TO EXTERIOR DOOR, TYP. FLOOR DRAIN SIZED PER MECHANICAL PLUMBING ENGINEER. CONNECT TO OIL/WATER SEPARATOR

**For Information
Purposes Only**

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FEDEX FREIGHT, INC.
FACILITY DESIGN AND CONSTRUCTION
48 DOOR DOCK, OFFICE, AND SHOP BAYS
JBR
MOORE ROAD, JONESBORO, AR

| Date | Revision |
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Drawn by : BLK/DDG

Checked by: BLH

Release Date: 11.16.2

Title:


SHOP PLUMBING PLANS


Sheet #:

P1.82

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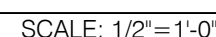
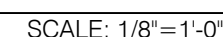


 - SOLATUBE w/ 2x2 PRISMATIC DIFFUSER

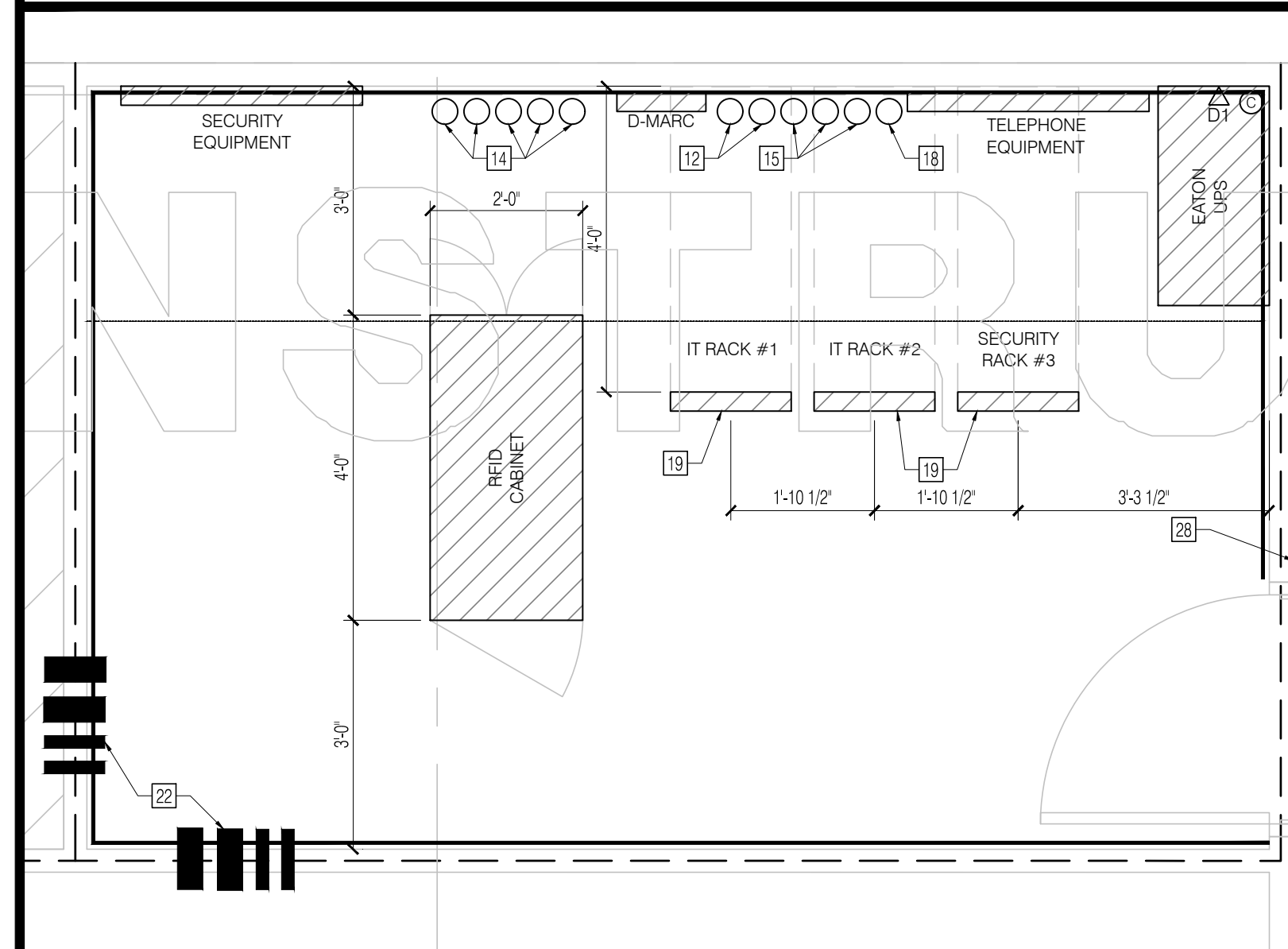
 - SOLATUBE w/ 2x2 PRISMATIC DIFFUSER
AND DAYLIGHT DIMMER

33. PRE-FINISHED METAL CANOPY WITH FLUSH SOFFIT PANELS AND RECESSED LED CAN LIGHTS. LIGHTS SHALL INCLUDE BATTERY BACKUP OR EMERGENCY CIRCUIT TO BE CODE COMPLIANT FOR EGRESS.

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REFER TO SD1.01 FOR
BAY TYPE TO BE USED.



1 DOCK POWER & DATA PLAN

SCALE 3/32" = 1'-0" 80' WIDE DOCK

SOME KEY NOTES MAY NOT APPLY

- PROVIDE J-BOXES MOUNTED BETWEEN THE 1ST AND 2ND PUROLITE PROVIDE 1 (ONE) FAN PER BAY ON ALTERNATE SIDES. FOR DOCKS 80 WIDE OR LESS, FOR DOCKS OVER 80 WIDE PROVIDE TWO (TWO) FANS PER BAY ONE ON EACH SIDE.
2. EXHAUST FAN TO BE SIZED TO SERVE MEN'S ROOM, WOMEN'S ROOM AND JANITOR'S CLOSET. EXHAUST GRILLES TO BE DUCTED TOGETHER WITH ONE PENETRATION THROUGH THE ROOF INTERLOCKED WITH LIGHT SWITCHES IN EACH ROOM.
3. POWER PANEL(S) & TRANSFORMER(S) TO BE MOUNTED AT THIS LOCATION. SUSPEND TRANSFORMERS 8' A.F.F.
4. FLAT SCREEN TV WITH MOUNTING BRACKET PER FKF. CONTRACTOR TO PROVIDE POWER OUTLET & DATA BOX. SEE DETAIL, 10'E2-00 OR 11'E2-00. PROVIDE AND COORDINATE BLOCKING LOCATION FOR MOUNTING BRACKET W/ FKF PROJECT MGR.
5. RECEPTACLE FOR DOCK DOOR COMPUTER (AT EACH CHECK STAND LOCATION AS SHOWN, MAX. 6 REC./CIRCUIT.
6. EMPLOYEE COMMUNICATIONS ONLINE (E.C.O.) LOCATION. PROVIDE POWER AND DATA.
7. TRASH COMPACTOR W/DISCONNECT SWITCH. SEE DETAIL, 12/A3-10.
8. PROVIDE 2 7/8" WP CONDUIT PENETRATION TO ROOF FOR FUTURE FXTV. SEE DTL 4/E2-00
9. ATTACH CONDUIT TO ROOF PURLINE AND EXTEND DOWN VERTICAL UNISTRUT TO FREE STANDING DOCK STAND. PROVIDE UNISTRUT SLIP JOINT AT ROOF STRUCTURE ABOVE. EACH CONDUIT ON DEDICATED POWER CIRCUIT AS SHOWN. COORDINATE FINAL LOCATION WITH FKF PROJECT MANAGER. SEE SD1.01 FOR NUMBER & PLACEMENT OF DOCK STANDS.
10. EXHAUST FAN @ ICE MACHINE
11. DOCK STAND FURNISHED BY FKF AND INSTALLED BY CONTRACTOR. CONTRACTOR TO PROVIDE 2 - DUPLEX POWER OUTLETS & 1 - DATA BOX. MOUNT TO UNISTRUT. SEE DETAIL, 20/A2-00
12. DATA OUTLET FOR KRONOS CLOCK TO BE INSTALLED AT 50" A.F.F. PROVIDE A HUBBELL, 1/2" MULTIMEDIA BOX RUGED TOGETHER WITH MULTIMEDIA OUTLET RJ45WTR (NO COVER). KRONOS TIME CLOCK FURNISHED & INSTALLED BY FEDEX FREIGHT...
13. PROVIDE POWER TO WATER HEATER AS REQUIRED.
14. WALL MOUNTED PHONE LOCATION, AT 48" A.F.F.
15. PROVIDE CEILING FAN CONTACTORS (THIS LOCATION)
16. DEDICATED CIRCUIT FOR WET SPRINKLER SYSTEM COMPRESSOR
17. 120V DUPLEX SERVICE OUTLET, MOUNT 3'-0" ABOVE FINISHED FLOOR ONE EVERY MAINFRAME WEB OR END WALL. POST FRAME, EACH SIDE OF DOCK, EVERY 2 DOORS, FULL DOCK LENGTH
18. COORDINATE METER LOCATION WITH LOCAL ELECTRICAL UTILITY COMPANY. PRIOR TO BID. PAY ALL NECESSARY FEES FOR INITIAL POWER SERVICE CONNECTION. (NOTE: SOME UTILITY COMPANIES DO NOT INSTALL THE C/T METER ON THE PADMOUNT TRANSFORMER. PROVIDE ALL CONDUIT, WIRE, FITTINGS, AND METER ENCLOSURE AS REQUIRED BY UTILITY COMPANY.
19. UNISTRUT POWER POLE W/ SURFACE MOUNTED ELECT. BOXES. SECURE TO ROOF STRUCTURE AS REQUIRED. EXTEND TO DOCK SLAB & SECURE TO CONCRETE, PAINT SAFETY YELLOW TO 12'-6" AFF
20. WALL MOUNTED NETWORK, SECURITY, & RFID ID# CABINETS, SEE SPECIFICATIONS. SEE SHEET E2.02 FOR ADDITIONAL INFO.
21. CEILING SPEAKER - CONTRACTOR TO PROVIDE DIRECT RUNS OF WHITE CAT 1/2" CABLE WITH 5'-0" LOOP ABOVE CEILING GRID AT EACH LOCATION. G.C. WILL PROVIDE AND INSTALL SPEAKERS
22. MASTER VIDEO/INTERCOM STATION WITH GATE RELEASE. COORDINATE LOCATION WITH FEDEX FREIGHT PROJECT MANAGER. CONNECT TO RJ BOX BELOW COUNTERTOP, WITH GROMMET HOLE
23. ELECTRIC HAND DRYER. PROVIDE CIRCUIT PER LOAD AS REQUIRED.
24. OS&D DOCK STAND FURNISHED AND INSTALLED BY CONTRACTOR. PROVIDE 1 - QUAD POWER OUTLET & 1 - DATA BOX. MOUNT TO UNISTRUT. SEE DETAIL, 1/A4-05.
25. SUB PANEL LOCATIONS AS REQUIRED BY ELECTRICAL ENGINEER
26. FIRE ALARM PANEL FOR HORNS
27. POWER TO SUB PANEL AT LUBE SHED IF FUEL IS APPLICABLE ON THIS PROJECT
28. EXIT BUTTON
29. CARD READER (PROVIDE MAGLOCK AT EACH CARD READER LOCATION (SEE FKF PROJECT MANUAL FOR SPECIFICATION)
30. GFI BREAKER FOR ICE MACHINE. VERIFY BREAKER SIZE W/ MANIF.
31. DUPLEX OUTLETS FOR MICROWAVES MOUNT AT 3'-4" A.F.F. TO BOTTOM OUTLET AND 16" HIGHER FOR SECOND OUTLET
32. WALL MOUNTED OUTLET FOR VENDING MACHINES TO BE MOUNTED AT 36" A.F.F.
33. IN FACILITIES WHERE THE DISTANCE FROM NEAREST TELCO ROOM EXCEEDS 300' PROVIDE QUAD RECEPTACLE FOR FUTURE CAMERA NETWORK BOX BY FKF. SEE DETAIL, 2/A4-05.
34. IN FACILITIES WHERE THE DISTANCE FROM NEAREST TELCO ROOM EXCEEDS 300' PROVIDE QUAD RECEPTACLE FOR DOCK NETWORK BOX BY CONTRACTOR. SEE DETAIL, 2/A4-05.
35. POWER POLE TO TOP OF COUNTERTOP. PROVIDE REQUIRED POWER & DATA
36. WELDER OUTLET, 208V/50A/3P, OR 230V/50A/1P. VERIFY ELECT. OUTLET TYPE WITH FKF PROJECT MANAGER. MOUNT AT 50" A.F.F.
37. ELECTRICAL DOOR OPERATOR
38. WALL INTAKE LOUVER, 120V, 1 PHASE, INTERLOCKED WITH EXHAUST FAN, AS DESIGNED BY MECHANICAL ENGINEER
39. TUBE HEATER CONNECTIONS TO BE COORDINATED WITH A/E IF DOCK HEAT IS REQUIRED.
40. EXHAUST FAN WITH THERMOSTAT INTERLOCKED WITH INTAKE LOUVER. THERMOSTAT TO SWITCH ON EXHAUST FAN AT 80'
41. THERMOSTAT FOR WALL MOUNTED HEATER IN RESTROOM. SEE MAINTENANCE BAY EQUIPMENT SCHEDULE ON A1.30 FOR ADDITIONAL INFO.
42. 20'-0" SERVICE LOOP W/ RJ45 MALE CONNECTOR ABOVE CEILING COILED-UP AND TEMPORARILY TIE TO TOP TRACK OF WALL
43. WALL INTAKE LOUVER INTERLOCKED WITH ROOFTOP EXHAUST FAN AS DESIGNED BY MECHANICAL ENGINEER.
44. ROOFTOP EXHAUST FAN, SIZE, QUANTITY & LOCATION AS DETERMINED BY MECHANICAL ENGINEER.
45. CONTRACTOR TO PROVIDE AIR COMPRESSOR, DRYER, AND 110V OUTLET FOR CONDENSATE PUMP. SEE EQUIPMENT SCHEDULE SH1.30.
46. EXHAUST FAN TO BE SIZED TO SERVE RESTROOM. EXHAUST FAN TO RUN CONTINUOUSLY
47. GENERATOR LOCATION WHEN NOTED ON SITE DEVELOPMENT PLAN, SEE SH1 SD1.01 FOR ADDITIONAL INFO.
48. DUPLEX OUTLETS AT 10'-0" A.F.F. FOR SAFETY CLOCK, & TRIP CLOCKS
49. PROVIDE (2) 2" & (2) 4" PVC SLEEVES THRU WALL @ PURLINE LEVEL. MEET ALL LOCAL CODES, 18" IN LENGTH AND CAP EACH END. COORDINATE AND IDENTIFY EXACT LOCATION WITH FKF PROJECT MANAGER.
50. DUPLEX OUTLET AT 4'-0" A.F.F. FOR ICE MACHINE
51. APPROXIMATE LOCATION OF SECURITY CAMERAS. PROVIDE 20'-0" SERVICE LOOP W/ RJ45 MALE CONNECTOR ABOVE CEILING COILED-UP AND TEMPORARILY TIE TO TOP OF TRACK OF WALL.
52. CARD READER FOR ELECTRIC STRIKE. SEE SPEC
53. PROVIDE 1/2" FIRE TREATED PLYWOOD TO 8'-0" AFF, PRIME AND PAINT, ALL WALLS.
54. STARLINE TRUCK BUSWAY OUTLETS TO BE MOUNTED ABOVE TELCO RACK.
55. STARLINE TRUCK BUSWAY TO BE MOUNTED ABOVE TELCO RACKS FROM WALL TO WALL AT 7'-6" ABOVE FINISHED FLOOR. PROVIDE BLOCKING IN WALLS FOR MOUNTING CHANNEL TO WALLS.
56. PROVIDE (2) 2" & (2) 4" PVC SLEEVES THRU WALL @ PURLINE LEVEL. MEET ALL LOCAL CODES, 18" IN LENGTH AND CAP EACH END. COORDINATE AND IDENTIFY EXACT LOCATION WITH FKF PROJECT MANAGER.
57. GROUNDING BUS BAR WITH MINIMUM 4 LUGS, CONNECT TO SINGLE POINT GROUNDING, REFER TO SPECIFICATIONS.
58. EATON 12 KVA EXPANDABLE WHOLE ROOM UPS SYSTEM. MODEL: EATON 9PM. PROVIDE AND INSTALL POWER REQUIRED FOR UNIT. CONTACT JIM STOOFF WITH R.M. STOOFF FOR PRICING. PHONE NUMBER 412-367-9006.
59. PROVIDE (2) 208V 3X20A L630-R RECEPTICLES.
60. WATERPROOF EXHAUST FAN @ ROOF. EXHAUST FAN TO BE OPERATED THROUGH LOW VOLTAGE WALL. THERMOSTAT FAN TO OPERATE AT TEMPERATURES GREATER THAN 80°F. ALPHAONE/CARD READER WITH ELECTRIC STRIKE. SEE SPEC.

The above drawings and specifications and related designs and arrangements represented thereby are and shall remain the property of the architect and no part thereof shall be copied, altered or adapted without the written consent of the architect. Visual content of these drawings or specifications shall constitute conclusive evidence of acceptance of these conditions. Written dimensions on these drawings shall have precedence over scaled dimensions. Contractors shall verify and be responsible for all dimensions and conditions on the job and this office must be notified of any variations from the dimensions and conditions shown by these drawings. Shop details must be submitted to this office for approval before proceeding with fabrication.

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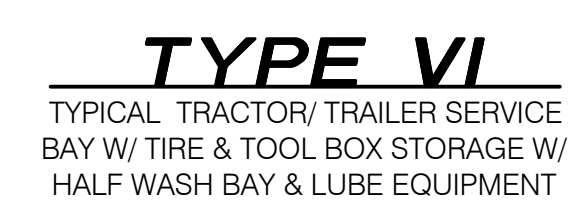
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DOCK POWER & DATA PLAN

Sheet # :


E1.21

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- GENERAL NOTES- SHOP LIGHTING & RCP**
1. 2x4' LIGHT FIXTURES - REFER TO LIGHT FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
 2. REFER TO SPECIFICATIONS FOR GRID AND ACOUSTICAL PANEL INFORMATION AND REQUIREMENTS.
 3. PROVIDE EXIT/EMERGENCY LIGHTS AS REQUIRED BY AUTHORITY HAVING JURISDICTION.

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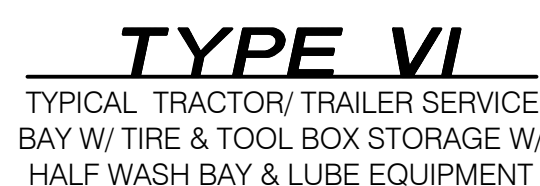
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| Job # : JBR - FY24 | |

Title:

SHOP LIGHTING
& REFLECTED
CEILING PLAN

Sheet # : **E1.81**

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

SOME KEY NOTES MAY NOT APPLY

1. ELECTRICAL DOOR OPERATOR
2. CONNECT POWER WASH EQUIPMENT WITH ELECTRICAL SERVICE AND DISCONNECT FOR HAND WASH UNIT. WASH EQUIPMENT FURNISHED & INSTALLED BY G.C. SEE EQUIPMENT SCHEDULE ON SHT. L1.82
3. SINGLE POINT GROUNDING SYSTEM, SEE DTL 1/E2.01 & SPECIFICATION
4. LUBRICATION SYSTEM W/ ELECT. REEL ON DEDICATED CIRCUIT. SEE SHEET L1.82
5. TUBE - HEATER CONNECTION
6. ELECTRICAL PANEL, BY ELECTRICAL ENGINEER
7. WALL LOUVER, 120 V, 1 PHASE, INTERLOCKED WITH EF., AS DESIGNED BY MECHANICAL ENGINEER
8. RESTROOM EXHAUST FAN SHALL BE RAN CONTINUOUSLY
9. EXHAUST FAN IN BREAK ROOM TO BE CONTROLLED BY SWITCH NEXT TO THE MICROWAVE SIDE OF THE MILLWORK
10. GARBAGE DISPOSAL UNDER SINK IN BREAK ROOM
11. TRANSFORMER, AS PER ELECTRICAL ENGINEER
12. OIL/WATER SEPARATOR ALARM PANEL
13. WELDER OUTLET, 208V/50A/3P, OR 230V/50A/1P. VERIFY ELECT. OUTLET TYPE WITH FFXF PROJECT MANAGER, MOUNT AT 30" AFF
14. VEEDER-ROOT CONTROL PANEL, MOUNT AT 50" AFF
15. POWER TO WATER HEATER AS REQUIRED
16. CONDENSING UNIT WALL PACK MOUNTED TO WALL
17. POWER TO A/C UNIT(S) & CONDENSER(S)
18. FURNISH EMPTY 1 1/4" CONDUIT W/PULL STRING TO SCALE PIT
19. DATA OUTLET FOR KRONOS CLOCK TO BE INSTALLED AT 50" A.F.F. KRONOS TIME CLOCK FURNISHED & INSTALLED BY FEDEX FREIGHT.
20. WIRELESS ACCESS POINT AIR DEFENSE COMBO UNIT
21. JUNCTION BOX AT END OF OUTRIGGER FOR SECURITY CAMERAS PROVIDE 3/4" CONDUIT ALONG OUTRIGGER AND INTO BUILDING FOR DATA CABLING
22. FURNISH POWER TO CONTRACTOR/ DEVELOPER FURNISHED AIR COMPRESSOR & DRYER, SEE EQUIPMENT SCHEDULE SHT L1.82
23. COPPER-CLAD STEEL GROUND ROD CADWELD CONNECTED WITH #2 AWG TO BUILDING. SINGLE POINT GROUNDING BUS BAR SEE DTL 1/E2.01
24. COFFEE MACHINE
25. VENDING MACHINE. MOUNT OUTLET AT 36" A.F.F.
26. 30 AMP GFI BREAKER FOR ICE MACHINE
27. REFRIGERATOR
28. AIR COMPRESSOR, ALL ELECTRICAL SERVICE REQUIREMENTS TO BE PROVIDED BY CONTRACTOR. PROVIDE 110V OUTLET FOR CONDENSATE PUMP.
29. ELECTRIC METER
30. OIL/WATER SEPARATOR, W/ ALARM, SIZED AS REQUIRED BY LOCAL CODES
31. CONDUIT STUB-UPS AS REQD FOR SERVICE LINES. SEE SHEET SLD.01
32. MOUNT DUPLEX OUTLETS FOR MICROWAVES 3'-4" A.F.F. TO BOTTOM OUTLET AND 16" HIGHER FOR THE SECOND OUTLET.
33. DATA OUTLET
34. SECURITY CARD READER W/ ELECTRIC STRIKE, SEE SPEC.
35. EXTEND OVERHEAD CONDUIT AT VEEDER ROOT PANEL TO TELCO ROOM.
36. EXIT PUSH BUTTON
37. WATERPROOF EXHAUST FAN @ ROOF. EXHAUST FAN TO BE OPERATED THROUGH LOW VOLTAGE WALL THERMOSTAT. FAN TO OPERATE AT TEMPERATURES GREATER THAN 80°F
38. CONNECT FFXF FURNISHED AUTOMATED WASH SYSTEM NEMA DISCONNECT IF AUTOMATED WASH SYSTEM IS SPECIFIED SEE SCHEDULE ON SHT L1.82
39. APPROX LOCATION OF FLOOR-STANDING COMMUNICATION RACKS SHALL BE MOUNTED @ 39" MIN. FROM BACK OF RACK TO WALL, (SEE SPEC)
40. FLAT SCREEN TV WITH MOUNTING BRACKET PER FFXF. COORDINATOR TO PROVIDE POWER OUTLET & DATA BOX @ 72" AFF. SEE DETAIL 10/E2.00 OR 11/E2.00. PROVIDE AND COORDINATE BLOCKING LOCATION FOR MOUNTING BRACKET W/ FFXF PROJECT MGR
41. APPROX LOCATION OF FLOOR-STANDING SERVICE VIDEO RACK, TO BE MOUNTED @ 39" MIN. FROM BACK OF RACK TO WALL, (SEE SPEC)
42. 1/2" FIRE RETARDANT TREATED PLYWOOD TELCO BOARD @ REAR WALL IN TELCO ROOM 8'-0" HEIGHT, (TYP)
43. MAIN FIRE ALARM PANEL LOCATION. PLACE AS RECOMMENDED BY LOCAL CODE AND AGENCIES
44. APPROXIMATE SECURITY CAMERA LOCATIONS, PROVIDE 20'-0" SERVICE LOOP
45. FLUSH MOUNTED COMBO FLOOR BOX WITH ONE ELECTRICAL DUPLEX OUTLET AND DATA DUPLEX OUTLET
46. EMPLOYEE COMMUNICATIONS LINE (E.C.O.) LOCATION. PROVIDE POWER AND DATA
47. EXHAUST FAN WITH THERMOSTAT INTERLOCKED WITH INTAKE LOUVER, THERMOSTAT TO BE SET TO SWITCH ON EXHAUST FAN AT 80°
48. DISCONNECT FOR ELECTRIC FORKLIFT CHARGER
- FORKLIFT CHARGER REQUIREMENTS:
MODEL: INFINITY HIGH FREQUENCY CHARGER
MODEL # - RE1 18-1050 R25
MFG- STANBURY ELECTRICAL ENGINEERING
19510 144TH AVE NE WOODINVILLE, WA 98072
PHONE: (206)251-6901
DIMENSIONS- 29"H x 26"W x 18" D
WEIGHT - 130 LBS
AC INPUT- 480 VOLT 3 PHASE
DRAW- 13.5 AMPS AC
OUTPUT- 263 DC AMPS @ 36 VOLTS DC
49. PROVIDE (2) 2" & 4" PVC SLEEVES THRU WALL @ PURLIN LEVEL. MEET ALL LOCAL CODES, 18" IN LENGTH AND CAP EACH END. COORDINATE AND IDENTIFY EXACT LOCATION WITH FFXF PROJECT MANAGER.
50. NON-OSCILLATING FAN J-BOX W/ TWIST-LOCK RECEPTACLE. FANS TO BE SWITCHED VIA CONTRACTOR.
51. DUPLEX OUTLET AT 4'-0" A.F.F. FOR ICE MACHINE.
52. APPROXIMATE SECURITY CAMERA LOCATIONS. PROVIDE CONDUIT THRU WALL OR SPLIT TO INTERIOR OF SHOP AND MAKE WEATHERTIGHT. COORD. W/ FFXF PROJECT MANAGER.

**For Information
Purposes Only**

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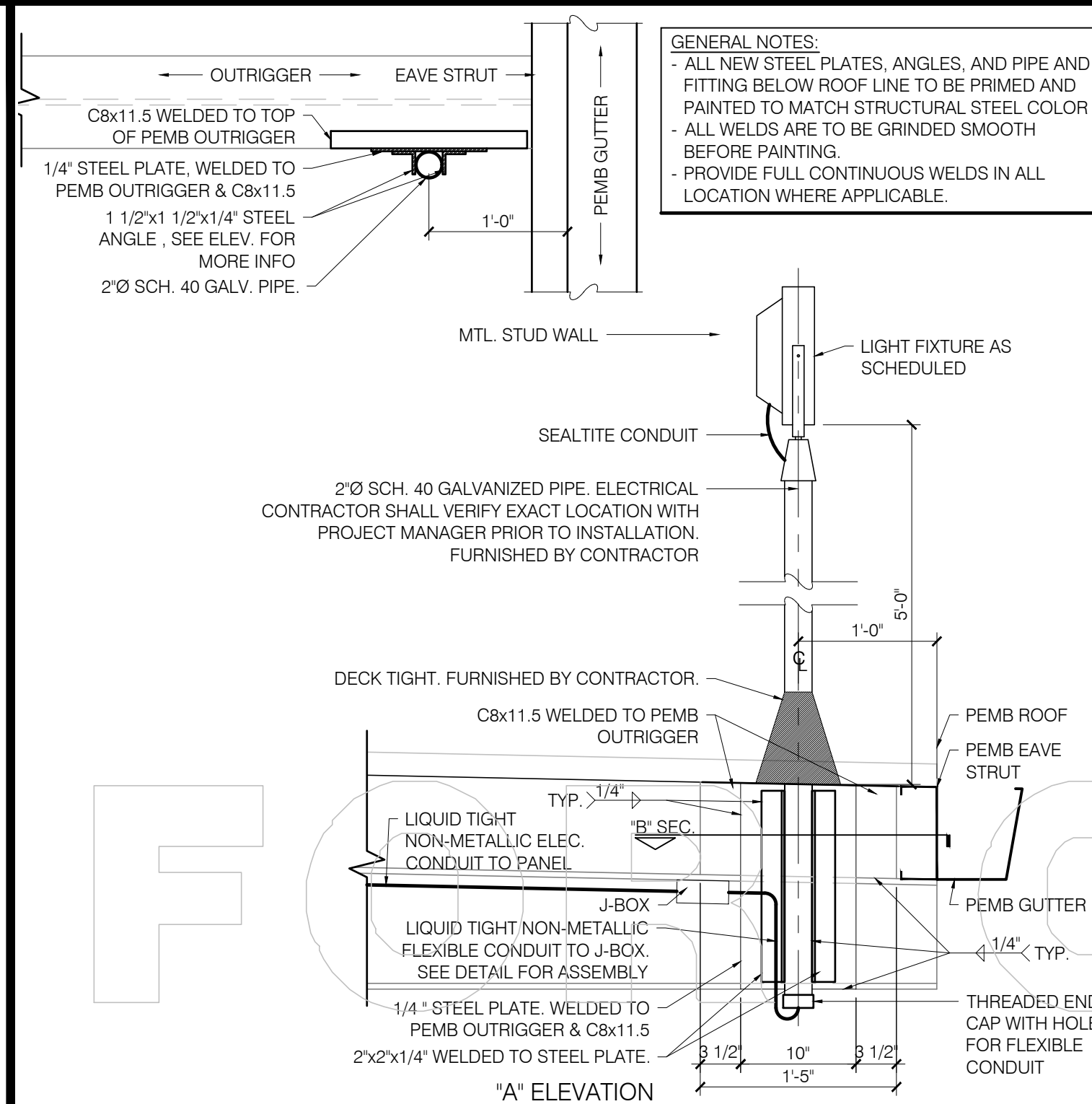
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SHOP POWER,
DATA, &
SECURITY PLAN

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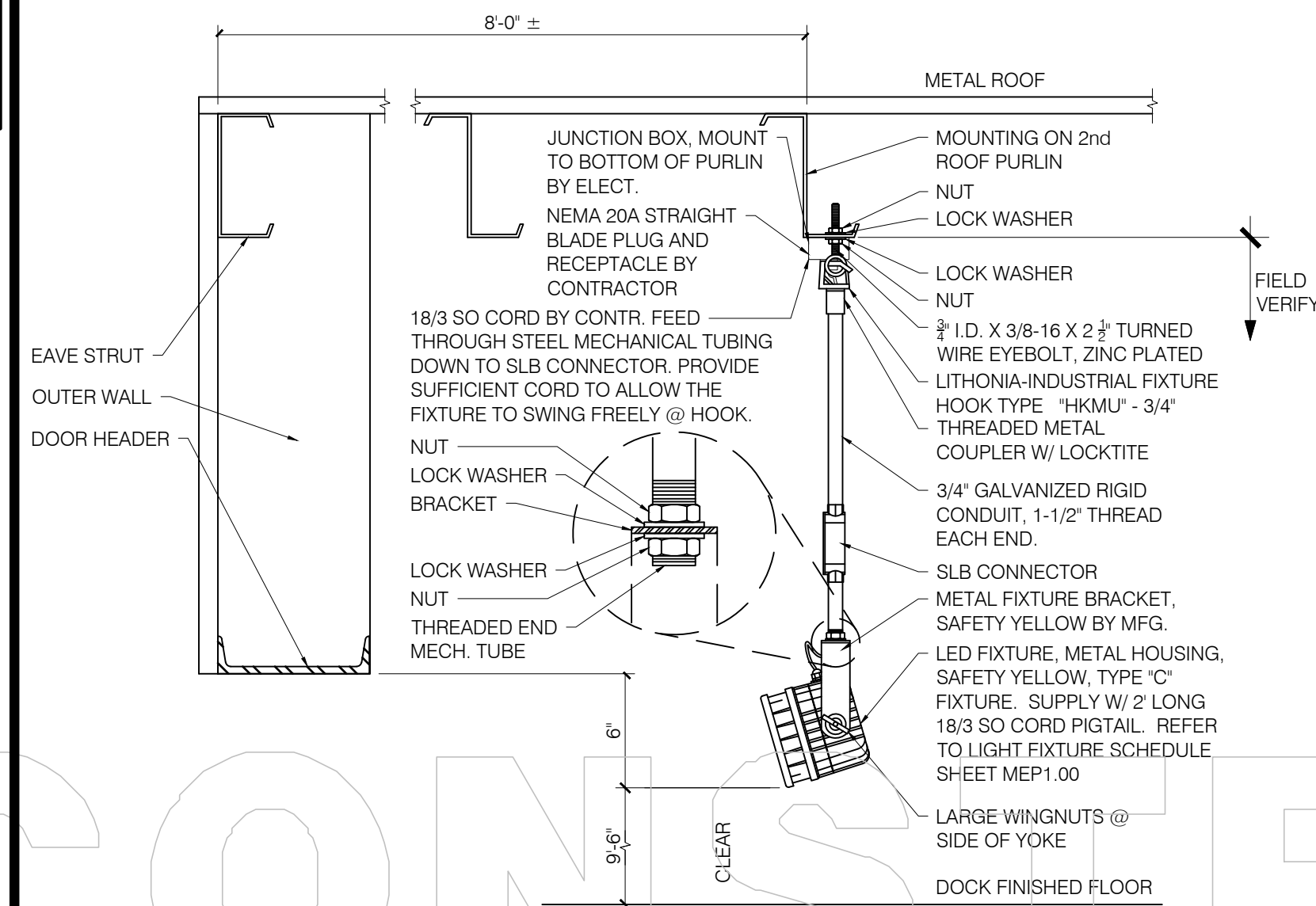
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1 NOT USED
SCALE



2 DETAIL: DOCK CANOPY LIGHT- TYPE "B" FIXTURE
SCALE 1" = 1'-0"

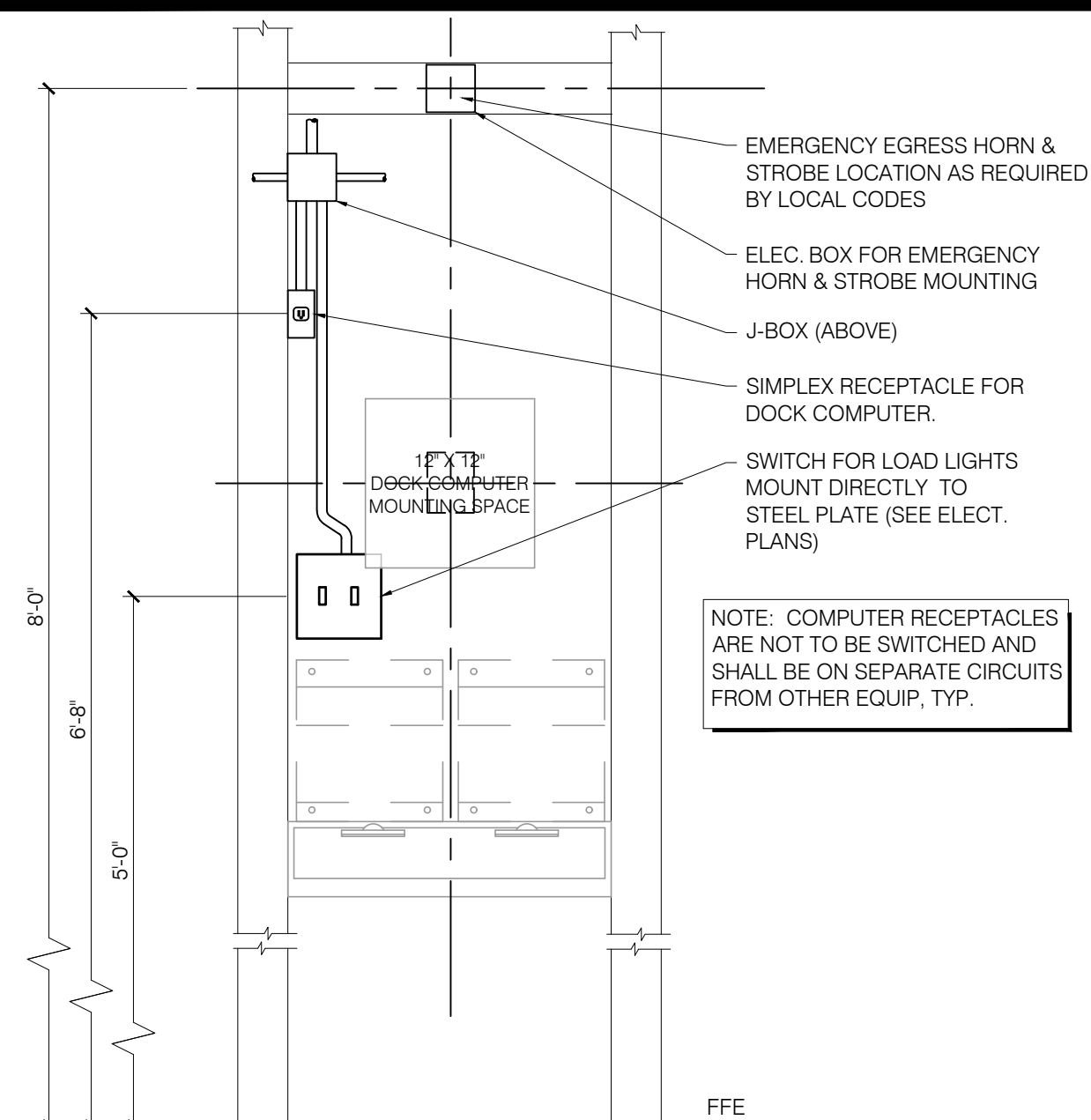


3 DOCK DOOR LOAD LIGHT DTL
NTS TYPE C FIXTURE

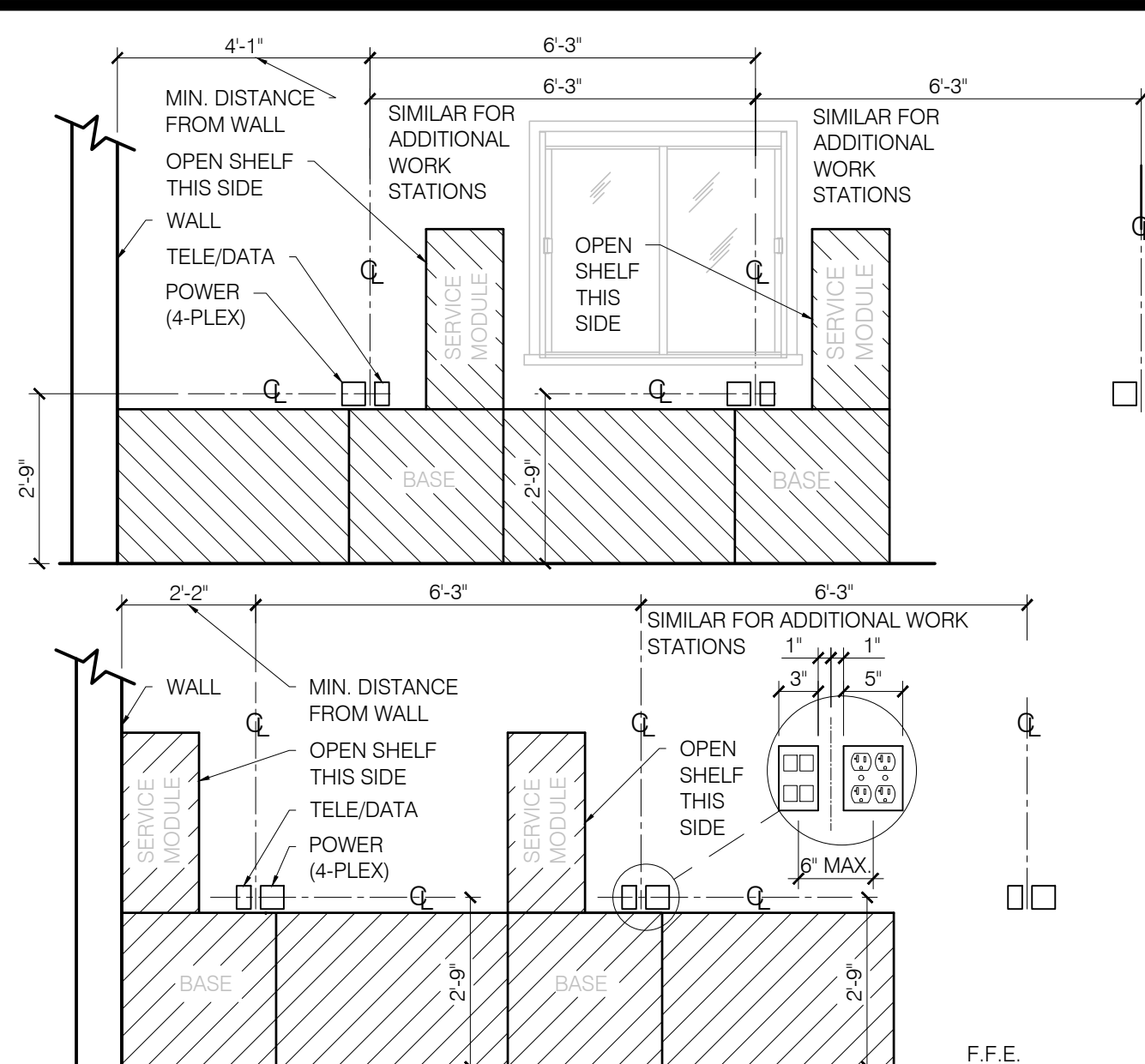
4 *NOT USED*
N/A

**For Information
Purposes Only**
NOT FOR CONSTRUCTION

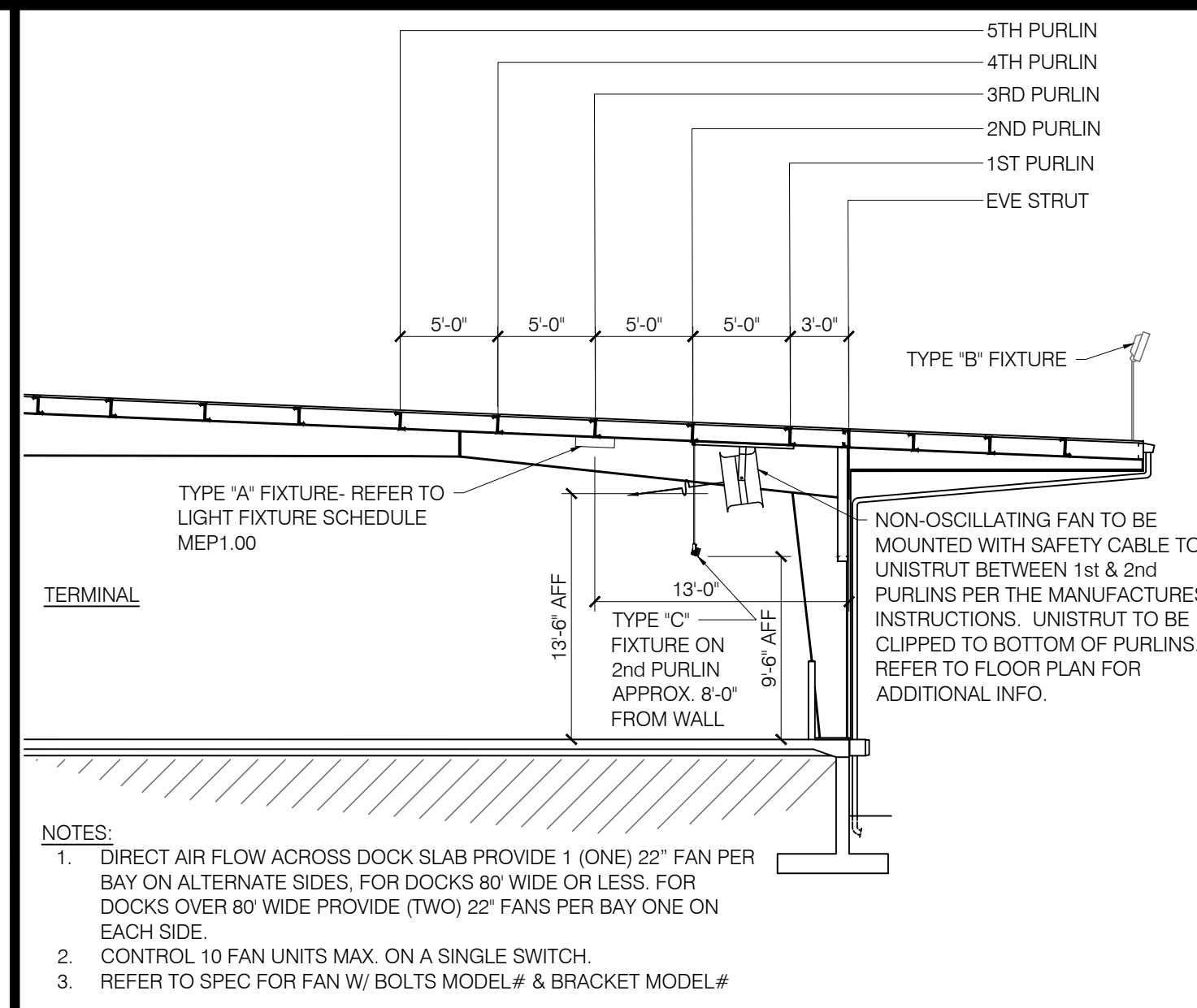
designs and arrangements represented thereby and no part shall remain the property of the architect, and no part thereof shall be copied, altered or adapted without the written consent of the architect. Visual contact with these drawings or specifications shall constitute conclusive evidence of acceptance of these restrictions. Written dimensions on these drawings shall have precedence over scaled dimensions; contractors shall verify and be responsible for all dimensions and conditions on the job and this office shall be notified of any variations from the dimensions and conditions shown by these drawings. Shop details must be submitted to this office for approval before proceeding with fabrication.



5 DOCK COMPUTER POWER
SCALE: 1" = 1'-0" SWITCH & RECEPTACLE ELEV.

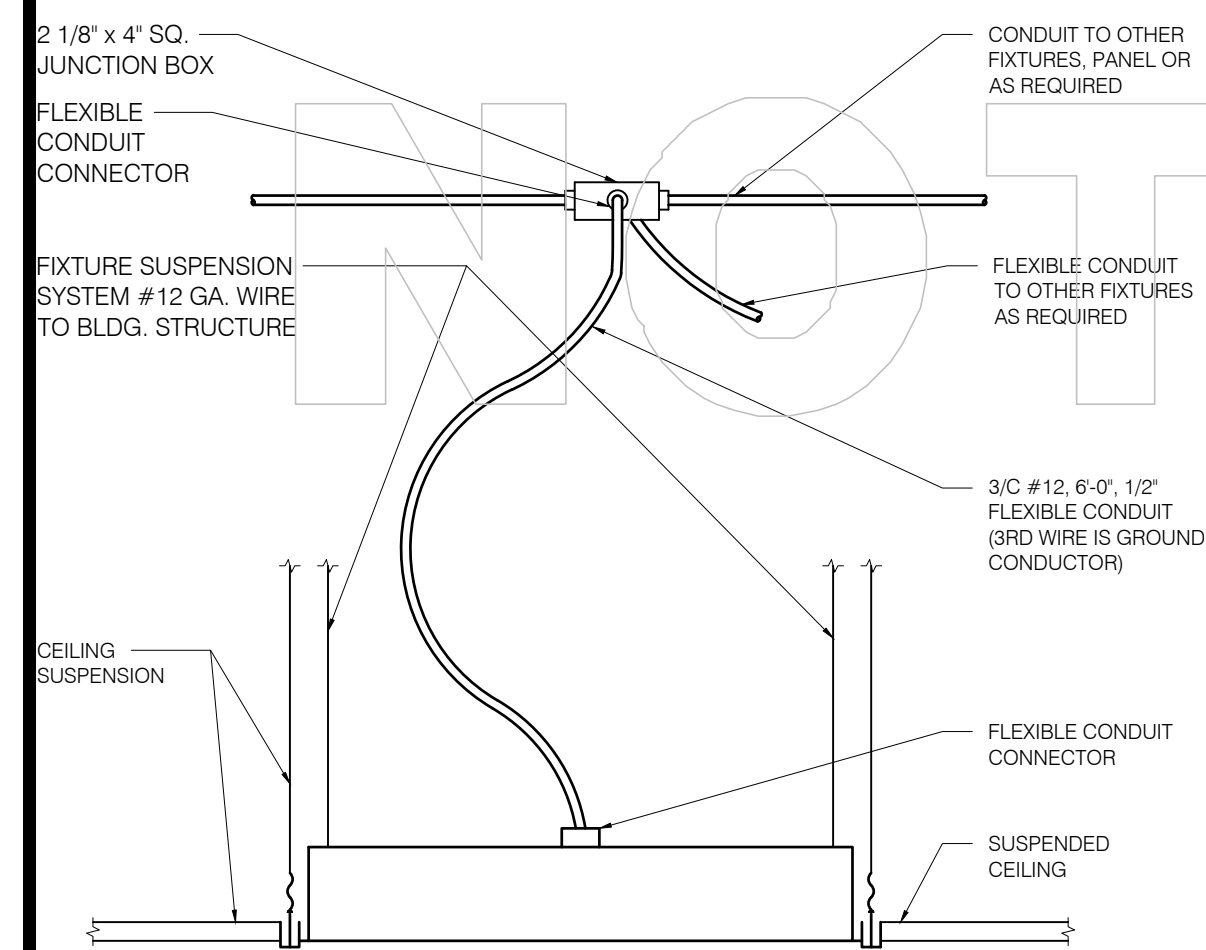


6 MODULAR FURNITURE PWR/DATA
SCALE: 3/8" = 1'-0" WORKSTATION POWER/DATA ELEV.

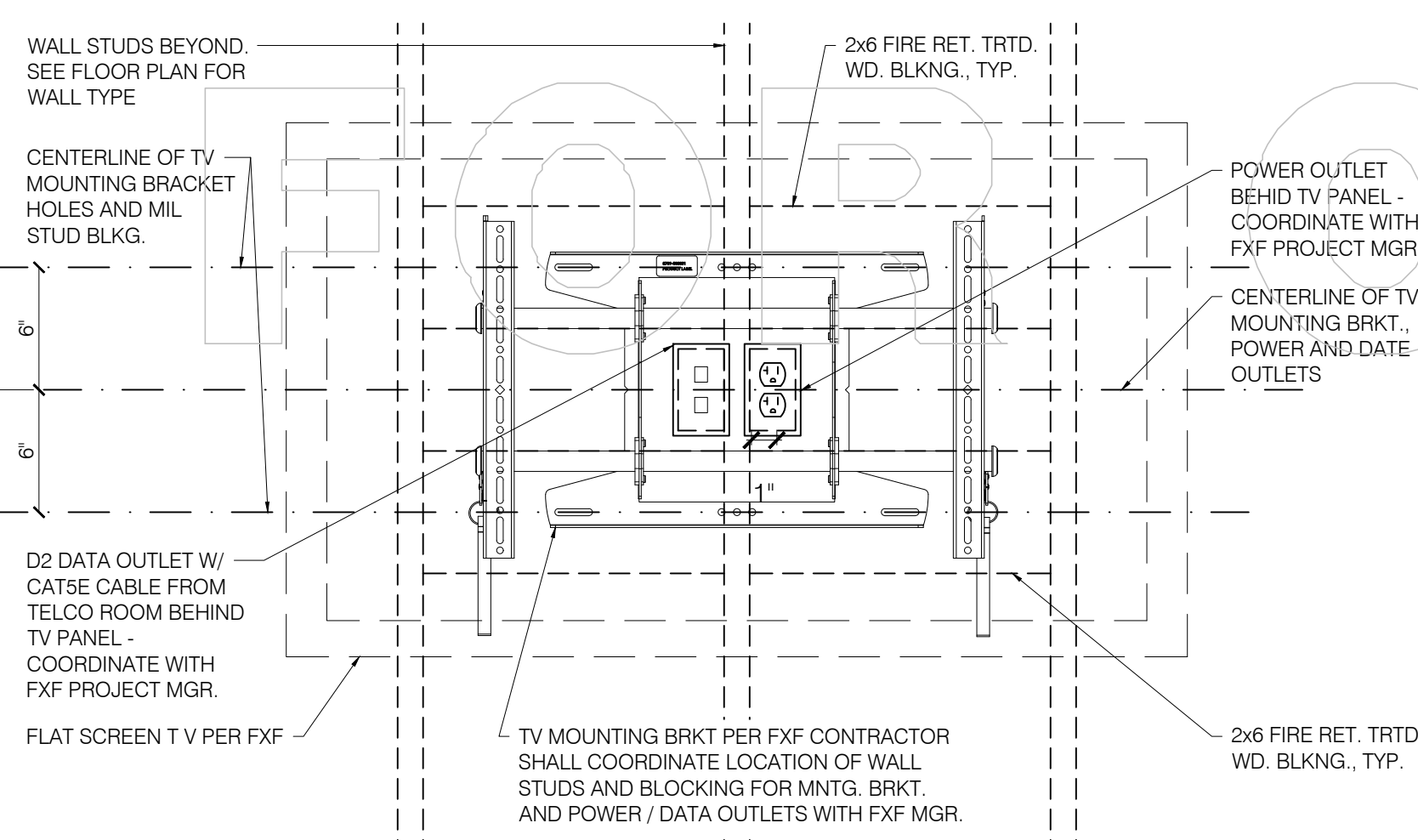


7 TERMINAL SECTION

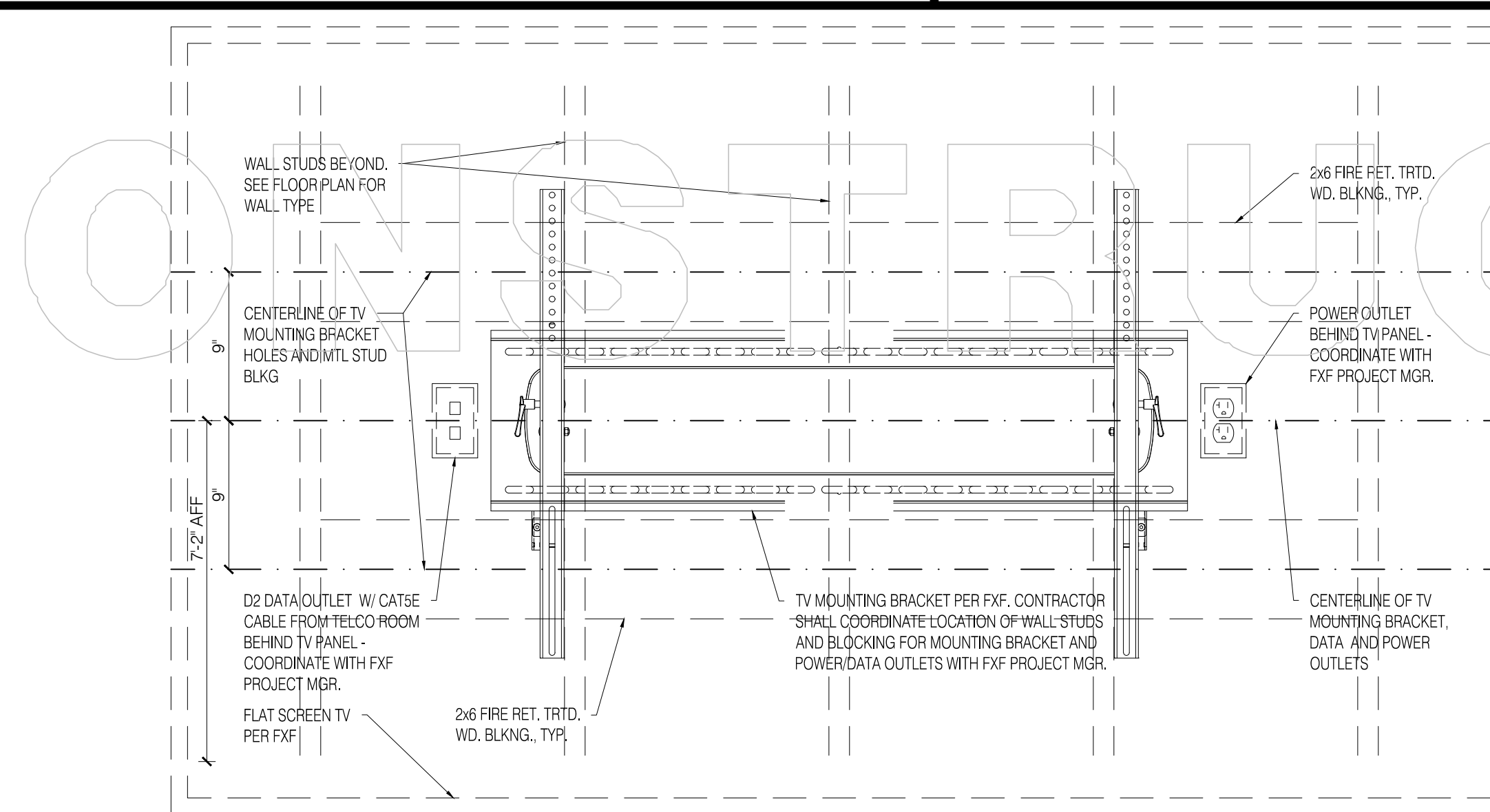
8 NOT USED
SCALE



TYP. RECESSED FLUO.
9 FIXTURE DETAIL
NTS



10 FLAT SCREEN TV MOUNTING DETAIL
SCALE: 1-1/2" = 1'-0" LOCATED AT PURPLE WALL



11 FLAT SCREEN TV MOUNTING DETAIL

12 NOT USED

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Freight

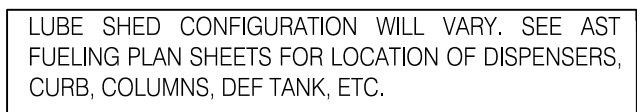
FEDEX FREIGHT, INC.
FACILITY DESIGN AND CONSTRUCTION
48 DOOR DOCK, OFFICE, AND SHOP BTS
JBR
MOORE ROAD, JONESBORO, AR

[illegible]

ELECTRICAL DETAILS

net # :
E2.00

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3 LUBE SHED - SECTION

AIR LINE FROM COMPRESSOR TO PUMP AT BULK OIL TANK

CONDUIT FROM SOLENOID TO OIL CONTROL TIMER

SOLENOID FOR OIL CONTROL TIMER

OIL CONTROL TIMER BOX GRACO, SEE LUBE SHED SCHEDULE ITEM "L" FOR ADD. INFO.

CONDUIT FROM PANEL IN LUBE SHED TO OIL CONTROL TIMER

HOSE REEL #1

HOSE REEL #2 (IF REQ'D)

PUMP

NEW OIL BULK TANK LOCATED INSIDE LUBE SHED

6 DETAIL BULK OIL TANK

SCALE 1/2" = 1'-0"

6 DETAIL: BULK OIL TANK
SCALE 1/2" = 1'-0"



| | |
|--|----------|
| Date | Revision |
| | |
| | |
| | |
| | |
| Drawn by : BLK/DDG | |
| Checked by : BLK | |
| Release Date : 11.16.23 | |
| Job # : JBR - FY24 | |
| Title : | |
| <p>AST LUBE SHED PLAN, ELEVATIONS & EQUIPMENT SCHEDULE</p> | |
| Sheet # : | |
| <h1>AST3.00</h1> | |
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