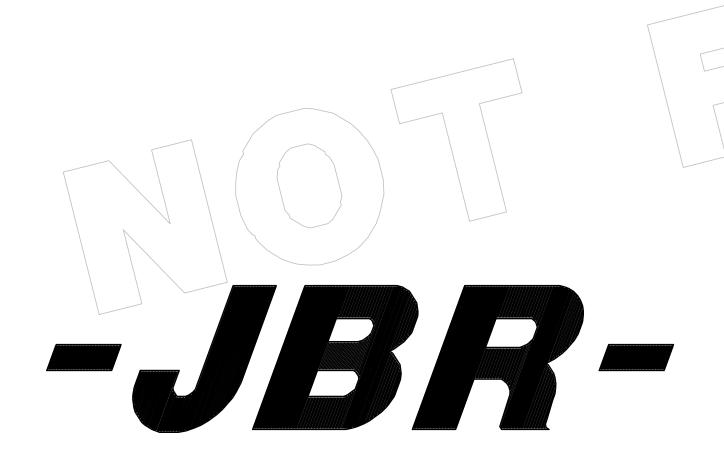


SET NO

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



	Sheet List Table							
Sheet Number	Sheet Title							
CS	Cover Sheet							
Site (SD)								
SD1.01	Site Development Plan							
SD1.02	ALTA Survey							
SD1.03	Pavement Design Criteria							
SD2.00	Miscellaneous Site Details							
SD2.01	Security Turnstile Details							
SD2.02	Truck Entrance Security Details							
SD2.03	Employee Entrance Security Details							
Structural (F)								
F1.20	Dock Foundation & Joint Layout Plan							
Architectural (A	<u>()</u>							
A1.01	Office Floor Plan							
A1.20	Dock Floor Plan-Bays							
A1.22	Electric Forklift Chargers							
A1.23	Electric Forklift Chargers							
A1.81	Shop Overall Floor Plan							
A1.82	Shop Floor Plan							
A2.01	Office Building Elevations							
A2.20	Dock Elevations							
A2.81	Shop Building Elevations							

A2.82	Shop Building Sections						
A3.00	Architectural Window & Door Schedules						
A3.01	Architectural Legend Finish & Install Schedules						
A3.05	Architectural Partition Types						
A3.10	Architectural Details & Sections						
A3.16	Architectural Concrete Wall Sections						
A3.80	Architectural Shop Details						
A4.00	Office Millwork Elevations & Details						
A4.01	Typical Millwork Sections & Details						
A4.05	Dock Stands						
Plumbing (P							
P1.01	Office Plumbing Plan						
P1.81	Shop Plumbing Plans						
P1.82	Shop Plumbing Plan						
Mechanical	(M)						
M1.01	Office HVAC Zoning Plan						
MEP1.00	Electrical & Plumbing Schedules						
Electrical (E))						
E1.01	Office Lighting & Reflected Ceiling Plan						
E1.02	Office Power Plan						
E1.03	Office Data & Security Plan						
E1.20	Dock Lighting						
E1.21	Dock Power & Data Plan						

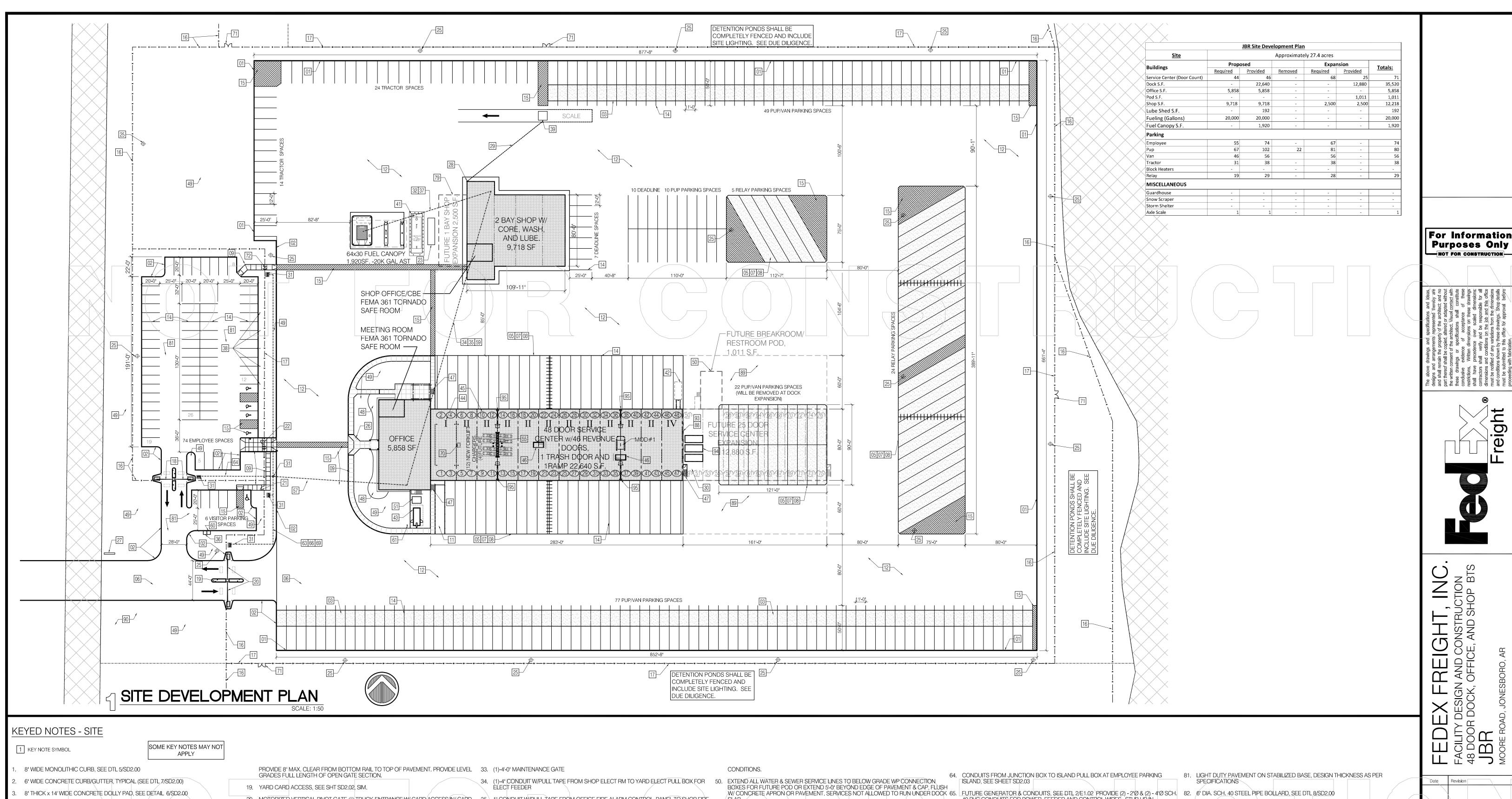
E1.81	Shop Lighting & Reflected Ceiling Plan
E1.83	Shop Power, Data, & Security Plan
E1.84	Shop Power, Data, & Security Plan
E2.00	Electrical Details
E2.01	Electrical Details
E2.02	Electrical Details
Lubrication (L)	
L1.81	Shop Lubrication Plan
L1.82	Shop Lubrication Plan
Axle Scale (AS)	
AS1.01	Weigh Tronix Axle Scale Pit Plan & Details
Fueling (AST)	
AST1.30	AST Fueling – Dual Lane Canopy Single Tank
AST3.00	AST Lube Shed Plan Elevations & Equipment Schedule

JONESBORO, AR

For Information Purposes Only

NOT FOR CONSTRUCTION

RFP DATE: 11.16.23



- 8" THICK x 10' WIDE CONCRETE DOLLY PAD, SEE DETAIL 6/SD2.00
- 7 " THICK CONCRETE PAVEMENT WITH REBAR REINFORCEMENT & GRANULAR BASE AS DESIGNED BY CIVIL ENGINEER
- 12 " MIN. THICK CONCRETE PAVEMENT WITH REBAR REINFORCEMENT & GRANULAR BASE AS DESIGNED BY CIVIL ENGINEER @ TRUCK ENTRANCE
- 5/8" SMOOTH DOWEL, 16" LONG @ 18" O.C. 150'-0" MAX. SPACING
- SAW CUT MAX. OF 15'-0" JOINT SPACING EACH WAY
- CONC. SIDEWALK W/ SAWCUT CONTROL JOINTS @ 5' O.C.
- EDGE OF PAVEMENT. PROVIDE 2'-0" WIDE CONCRETE RIBBON CURB AND 5'-0" STONE RIP-RAP, SEE DETAIL 10/SD2.00
- 60'-0" CONCRETE FORKLIFT RAMP SLOPE TO FINISHED GRADE
- HEAVY DUTY PAVEMENT ON STABILIZED BASE, DESIGN THICKNESS AS PER AS DESIGNED BY ENGINEER.
- 3. 4" TURN LANE STRIPES, DIRECTIONAL ARROWS WITH & WITHOUT TEXT
- . 4" WIDE PAINTED STRIPES, TYPICAL. APRON STRIPING LENGTH PER DOCK BAY FLOOR
- . 4" CROSSWALK STRIPES, HANDICAPPED STRIPES/SYMBOL, NO PARKING
- 6' HIGH SECURITY FENCE PLUS 3 STRANDS BARB-WIRE ABOVE RAIL, OFFSET 1'-0" INSIDE PROPERTY LINE, OR AS SHOWN
- . MOTORIZED VERTICAL PIVOT GATES @ EMPLOYEE VEHICLE ENTRANCE w/ CARD ACCESS IN/ CARD ACCESS OUT & VIDEO INTERCOM EACH SIDE, SEE SHEET SD2.03.

- ACCESS OUT & VIDEO INTERCOM EACH SIDE, SEE SHEET SD2.02, PROVIDE 8" MAX. CLEAR FROM BOTTOM OF RAIL TO TOP OF PAVEMENT. PROVIDE LEVEL GRADES FULL
- LENGTH OF OPEN GATE SECTION.
- 21. HANDICAP GATE W/ICBM & CARD READER, SEE DTL 3/SD2.01 22. HANDICAP GATE & TURNSTILE W/ICBM & CARD READER, SEE DTL 2/SD2.01
- 23. OPEN DUMPSTER SUPPLIED BY OTHERS
- 24. GUARD HOUSE (SEE SHEET A1.90)
- 25. 35' SECURITY LIGHT W/BASE SEE DTL 4/SD2.00, TYP. LIGHT BASE TO BE LOCATED (8 FT 40. LIFT GATE CHARGERS, SEE DETAIL 1/SD2.00, TYP (IF APPLICABLE) FOR PUPS & 13 FT FOR VANS) FROM BACK OF CURB TO CENTER LINE OF POLE AND CENTERED ON PARKENING STALL STRIPE. LOCATIONS SHOWN ARE NOT BY DESIGN & 41. AST, SEE AST FUEL SHEET & FXF SPECIFICATIONS REQUIRE PHOTOMETRIC LAYOUT TO DETERMINE EXACT LOCATIONS & LIGHT LEVEL REQUIREMENTS TO MEET SPECIFICATIONS
- 26. FLAG POLE, 3/4" C. W/PWR TO BASE LIGHT, SEE DTL 3/SD2.00
- SPECIFICATIONS. WHEN CONCRETE IS USED IT SHALL BE MIN. 7" THICK OR GREATER 27. FEDEX FREIGHT MONUMENT SIGN, 3/4" POWER CONDUIT w/20 AMP CIRCUIT (SEE DTL
 - 28. SCOREBOARD/ INDICATOR, 1 1/4" CONDUIT TO SCALE. POLE MOUNTED PER DETAIL ON 44. ROMAN NUMERAL INDICATES BAY DESIGN TO BE USED AT EACH BAY LOCATION. SEE AXLE SCALE SHT UNLESS INDICATED TO BE MOUNTED ON DOCK, SHOP, OR FUEL
 - 29. 3/4" POWER CONDUIT TO SCOREBOARD (SEE SHEETS AS1.01 & AS1.02)
 - 30. PROVIDE CONCRETE PAD FOR PROPANE BOTTLE RACK BY OTHERS; SEE DOCK BAY
- 31. 16'x16'x12" MIN WATER-TIGHT JUNCTION BOX OR WATER-TIGHT YARD ELECT PULL BOX, 48. LANDSCAPED AREA WITH IRRIGATION SYSTEM AS REQUIRED BY LOCAL CLIMATE 6' HIGH SECURITY FENCE W/ NO BARB-WIRE, TYPICAL BETWEEN OFFICE & EMPLOYEE AT FINISH GRADE WITH CONDUITS AS REQ'D FOR TURNSTILE & H.C. SECURITY GATES

SHED & (1)-4" CONDUIT W/PULL TAPE FROM OFFICE/SHOP TELCO TO LUBE SHED

- 20. MOTORIZED VERTICAL PIVOT GATE @ TRUCK ENTRANCE W/ CARD/ACCESS IN/ CARD 35. 1" CONDUIT W/PULL TAPE FROM OFFICE FIRE ALARM CONTROL PANEL TO SHOP FIRE ALARM CONTROL PANEL
 - 36. 4' x 4' CONCRETE PAD FOR FUTURE DROP BOX BY OTHERS: COORDINATE WITH FXF
 - 37. 1" CONDUIT FROM PULL BOX TO OFFICE/SHOP TELCO ROOM LOCATION, REFER TO
 - 38. BLOCK HEATER/EV CHARGER, SEE DETAIL 1/SD2.00, TYP

 - 42. TRASH COMPACTOR LOCATION, SEE DETAIL 12/A3.10
 - ELECT. RM 2/E1.02
 - 45. DOCK DOOR NUMBER, SEE DETAILS 9/A3.10 AND 10/A3.10
 - 46. DOCK WORK STATION LOCATION AS SHOWN, SEE DTL 2/A4.05
 - 47. EXIT EGRESS LOCATION
- 32. (1)-2" CONDUIT W/POWER, FROM OFFICE/SHOP ELECTRICAL ROOM TO PANEL IN LUBE 49. GREEN SPACE TO RECEIVE TOPSOIL AND SOD. TOPSOIL MUST CONTAIN NO STONES ROOTS, TRASH, ETC. AND MUST BE UNIFORMLY DISTRIBUTED TO RECEIVE SOD PROVIDE AND INSTALL IRRIGATION SYSTEM AS REQUIRED FOR LOCAL CLIMATE

- 52. JERSEY TURNPIKE BARRIER PROJECT MANAGER.
- FUELING SHEETS FOR PROPER CABLING.
- 39. SCALE PIT WITH DRAIN TO DAYLIGHT OR STORM WATER, SEE SHEET AS1.01
- 43. EMERGENCY GENERATOR TO INCLUDE AUTOMATIC TRANSFER SWITCH WITH CONDUITS AS REQ'D. SIZED PER ELECTRICAL ENGINEER. PROVIDE METAL CAT WALK 58. ON TWO SIDES W/ METAL SHIP STAIR & GUARDRAILS, SEE SPEC, SEE ENLARGED
- & BENDS AS REQUIRED TO FACILITATE PULLING OF WIRES. DOCK FLOOR PLAN SHEETS FOR BAY TYPE 59. (1)-4" CONDUIT W/POWER, FROM OFFICE ELECTRICAL ROOM TO PANEL IN SHOP

- ELECTRICAL ROOM & (1)-4" CONDUIT w/PULL TAPE FROM OFFICE TELCO TO SHOP

INCLUDED IN THE SCOPE OF WORK: CONDUITS FROM V/R PANEL TO FUEL LOCATION.

- 60. MAILBOX BY DEVELOPER/G.C., VERIFY LOCATION WITH LOCAL POSTMASTER, SEE SPEC FOR MAILBOX SIZE 61. FIRE DEPARTMENT CONNECTION
- 62. CROWN CENTER OF GREEN SPACE 12" MIN. FOR POSITIVE DRAINAGE AND HYDRO-MULCH TO PREVENT SOIL EROSION

53. REFER TO SHEET UST SHEETS FOR CONDUIT LOCATIONS AND RUNS.

CONTRACTOR; STACK MAX. 2 UNITS HIGH; SEE SHEET A1.22

MULTIPLE LOCATIONS ARE REQUIRED TO MEET LOCAL FIRE CODE.

55. ELECTRIC FORKLIFT CHARGER BY FXF; ELECTRICAL SERVICE & CONDUITS BY

57. (1) - CONDUIT FROM ELECTRICAL RM FOR POWER, (1) - CONDUIT FROM TELCO RM FOR CONTROL WIRING, ROUTED TO SEPARATE PULL BOXES.

54. UST, SEE UST SHEETS & FXF SPECIFICATIONS.

DETAIL 1/SD2.02

- 40 PVC CONDUITS FOR POWER, FEEDER AND CONTROL WIRES. STUB UP IN ELECTRICAL RM. CAP ENDS AND MARK YARD LOCATIONS. PROVIDE ADDITIONAL CONDUITS AS REQUIRED BY GENSET MFG FOR COMPLETE INSTALL
- 66. CONDUITS FROM JUNCTION BOX TO GUARD HOUSE ISLAND PULL BOX AT YARD ENTRY, SEE DETAIL 5/A1.90 67. PROVIDE CONDUITS AS REQUIRED FOR TELEPHONE, POWER & UTILITY LINE
- CONNECTIONS FOR FUTURE MODULAR GUARD HOUSE. REFER TO DTL 2/SD2.02. ISLAND AT FUTURE GUARD HOUSE AREA TO BE 6" CURB WITH GRAVEL INFILL. 68. FUTURE YARD EXPANSION AREA SHALL BE GRADED AS REQUIRED TO RECEIVE
- FUTURE SUB-BASE AND PAVEMENT. 56. FIRE HYDRANT PROTECTED BY FOUR FLEXIBLE BOLLARDS, SEE SPEC. SPACED AS PER LOCAL FIRE OFFICIAL; TYP. AT ALL UNPROTECTED FIRE HYDRANT LOCATIONS; 69. CONDUIT W/ CALIBRATED PULL TAPE FOR R.F. AT GUARDHOUSE FROM TELCO RM.
 - 70. OS&D DOCK STAND, SEE DTL 1/A4.05 71. PAIR 3'-0" MAINTENANCE GATES
- CONDUIT TO BE USED FOR SENSOR WIRES. PROVIDE ALL PULL STRINGS, PULL BOXES 73. 4" Ø SCHEDULE 40 PVC SLEEVE FOR FUTURE USE, CAP EACH END
- THIS NOTE ONLY APPLIES TO PROJECTS WHERE SHOP MAINTENANCE FACILITY IS NOT 72. SECURITY TURNSTILE FOR YARD ACCESS, SEE DTL 1/SD2.01
 - 74. FUTURE BLOCK HEATERS 75. UG 3" CONDUIT TO FUTURE YARD LIGHT, W/PULL-TAPE, CAP END, TYP
 - 76. ELEVATED DOCK WORK STATION LOCATION AS SHOWN, SEE DTL 3/A4.05
 - 77. DOCK SHELTERS, EACH DOCK DOOR THIS SIDE 78. STONE MULCH WITH WEED BARRIER
- 79. EXTEND ALL UTILITY SERVICE LINES & CONDUIT TO FUTURE SHOP LOCATION SIZE ELECTRICAL SERVICE AS REQUIRED FOR SHOP ADDITION. 63. CONDUITS FROM JUNCTION BOX TO ISLAND PULL BOX AT YARD ENTRY ISLAND, SEE 80. SECONDARY DUTY PAVEMENT ON STABILIZED BASE, DESIGN THICKNESS AS PER

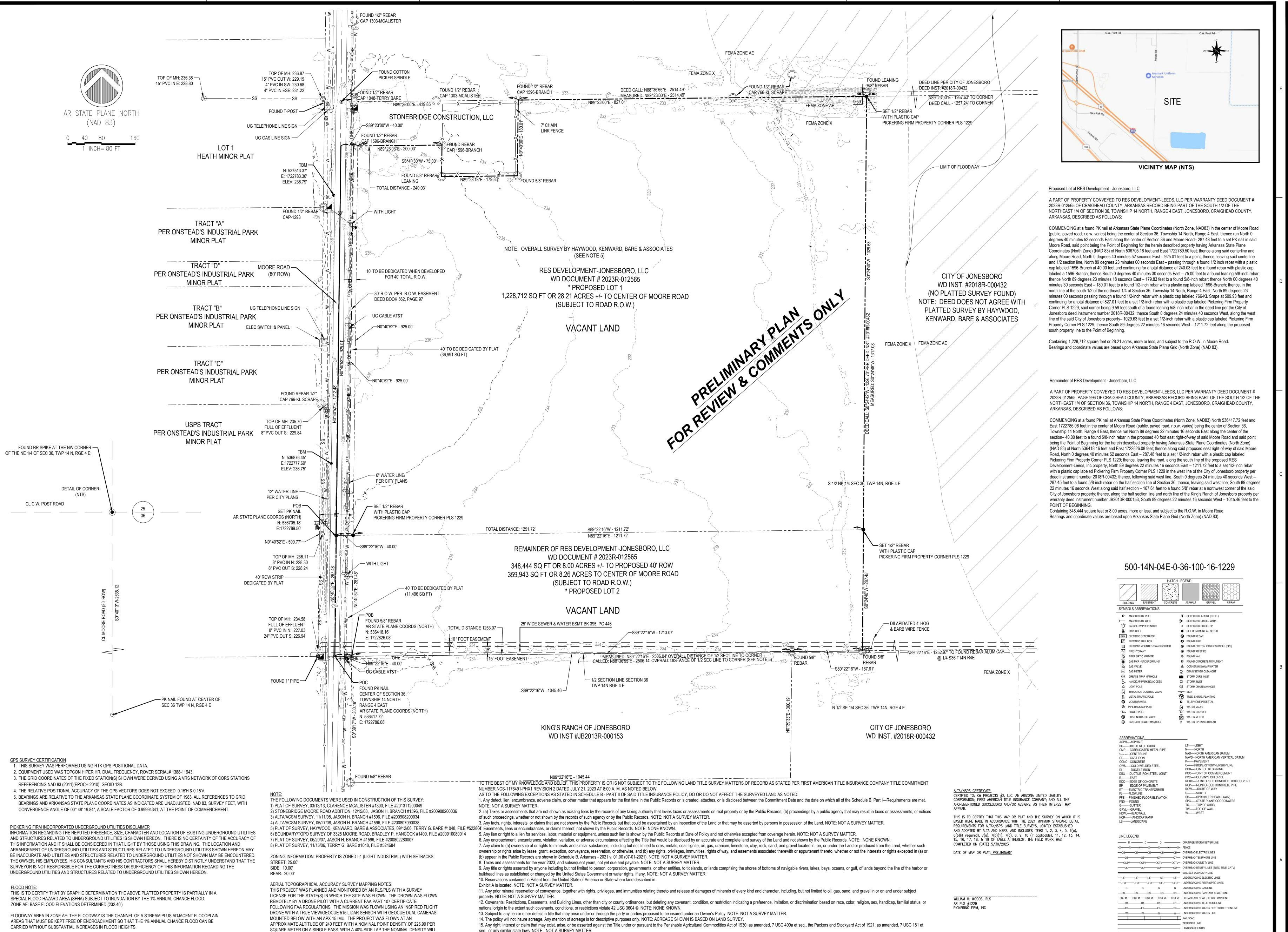
- 83. DOCK RACK. SEE SHEET A1.23
- 84. SNOW SCRAPER, SEE SHEET A1.98
- 85. \ 1" CONDUIT FROM ELECTRICAL ROOM TO 12" X 12" WP PULL BOX IN YARD FOR FUTURE SNOW SCRAPER.
- 86. FUTURE GUARDHOÚSE PROVIDE ROUGH-IN FOR SEWER, WATER, PHONE AND ELECTRICAL W/ SPARE 2" CONDUIT FOR FUTURE USE. SEE SHEET A1.90 SIM. 87. FORKLIFT CHARGER EMERGENCY GENERATOR TO INCLUDE AUTOMATIC TRANSFER
- SWITCH WITH CONDUITS AS REQ'D. SIZED PER ELECTRICAL ENGINEER, PROVIDE METAL CAT WALK ON TWO SIDES W/ METAL SHIP STAIR & GUARDRAILS, SEE SPEC, AT SWITCH IS TO BE LOCATED INSIDE POD ELECTRICAL RM. ELECTRICAL SERVICE IS TO B SEPARATE FROM SERVICE CENTER.
- 88. DOCK EXPANDABLE END WALL
- 89. AREA OF FUTURE DOCK EXPANSION AND APRON EXPANSION IS TO BE GRADED FOR
- 90. ALL UTILITIES ENTERING THE SITE NEED TO BE RAN UNDERGROUND
- 91. DOCK HEAT: DOCK ROOF & WALLS NEED TO BE INSULATED TO MEET LOCAL ENERGY
- 92. EXTEND EMPTY CONDUIT FROM ELECTRICAL ROOM TO JUNCTION BOX AT FUTURE FORKLIFT CHARGER LOCATION. CONDUIT SIZE SHALL BE PER ENGINEER.
- 93. EXTEND EMPTY CONDUIT FROM ELECTRICAL ROOM TO DOCK END WALL FOR FUTUR EXPANSION. SIZED AND DESIGNED FOR DOCK AND POD.
- 94. RECYCLE DUMPSTERS BY OTHERS.
- 95. DIMENSIONER PROVIDED BY OTHERS, PROVIDE A 120V/20AMP DUPLEX DEDICATED CIRCU TO EACH DIMENSIONER, AND A DUPLEX DATA OUTLET TO TOP OF DIMENSIONER AT 14'-0" A.F.F. PROVIDE FLEXIBLE CONDUIT FROM CEILING STRUCTURE TO DIMENSIONER.

2023 FEDEX FREIGHT, INC

SITE DEVELOPMEN

Drawn by: BLK/DDG...

Release Date: 11 16 23



17: Right of Way Easement as recorded in Deed Book 562, Page 97. NOTE: EVEN THOUGH THERE ARE NO REFERENCES TO OWNERSHIP DEEDS OR A TIE TO A SECTION, TOWNSHIP AND RANGE IN THIS DOCUMENT IT IS ASSUMED THAT THIS

18. The rights of the public and others to use that portion of subject property lying within the right-of-way of Moore Road, found in the Petition for Street Paving and Right-of-Way Easement in Book 562, Page 97 in the official records of Craighead County, Arkansas.

NOTE: THE GENERAL PUBLIC HAS RIGHTS TO USE THIS ROAD AND THIS ROAD IS RECOGNIZED AS A PUBLIC ROAD AND EVEN THOUGH THERE ARE NO REFERENCES TO OWNERSHIP DEEDS OR A TIE TO A SECTION, TOWNSHIP AND RANGE

seq., or any similar state laws. NOTE: NOT A SURVEY MATTER.

16. This item has been intentionally deleted. NOTE: NO COMMENT

EASEMENT AFFECTS THE SUBJECT PROPERTY BASED UPON THE GRANTOR'S NAME AND IS SHOWN/NOTED HEREON.

IN THIS DOCUMENT IT IS ASSUMED THAT THIS EASEMENT AFFECTS THE SUBJECT PROPERTY BASED UPON THE GRANTOR'S NAME AND IS SHOWN/NOTED HEREON.

BE 226 POINTS PER SQUARE METER OR HIGHER. DIGITAL COLOR IMAGERY WAS

INCH) PER PIXEL BEFORE RE-SAMPLING.

SET FORTH BY ASPRS.

COLLECTED SIMULTANEOUSLY AND THE GROUND SAMPLE DISTANCE IS 1.67 CM (0.66

THIS TOPOGRAPHICAL SURVEY MEETS OR EXCEEDS THE MAPPING SPECIFICATIONS

ZONE X (NO SHADING): AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

WITH AN EFFECTIVE DATE OF SEPTEMBER 27, 1991.

AS SHOWN ON SURVEY AND ACCORDING TO THE FEMA/FIRM PANEL MAP NUMBER 050048151C AND 0500480153C

ROJECT #: 26735.00 TSK 08/10/2023 FIELD BOOK: 1712 RAWN BY: BPH/AMP/NPE CHECKED BY: WHW

SHEET NUMBER:

DESCRIPTION: S:\26735\26735 SURV.dwg Plot Scale: 1=1 CARA/ August 10, 2023-3:48 PM

ASPHALT SPOIL LIMITS

NOTE: SYMBOLS, ABBREVIATIONS, OR LINESTYLES DO NOT NECESSARILY

APPEAR IN THIS DRAWING. USE ONLY AS APPLICABLE

- 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:
- 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

PAVEMENT DESIGN CRITERIA

- 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:

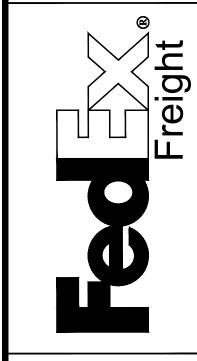
Design Life:
Total Truck/Trailers Weight:
Tractor Maximum Front Axle:
Tractor Maximum Rear Axle - Tandem:

25 years used in calculating load repetitions 72,000 pounds gross 8,000 pounds 16,000 pounds (i.e., 32,000 pounds for two a

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

For Information
Purposes Only
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The above drawings and specifications and ideas 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 contact with these drawings or specifications shall constitut conclusive evidence of acceptance of these restrictions. Written dimensions on these drawings shall have precedence over scaled dimensions shall have precedence over scaled dimensions shall be notified of any variations from the dimension and conditions shown by these drawings. Shop detail must be submitted to this office for approval before proceeding with fabrication.



EDEX FREIGHT, IN SILITY DESIGN AND CONSTRUCTION SOOR DOCK, OFFICE, AND SHOP ESR.

Date Revision

Drawn by : BLK/DDG
Checked by: BLK

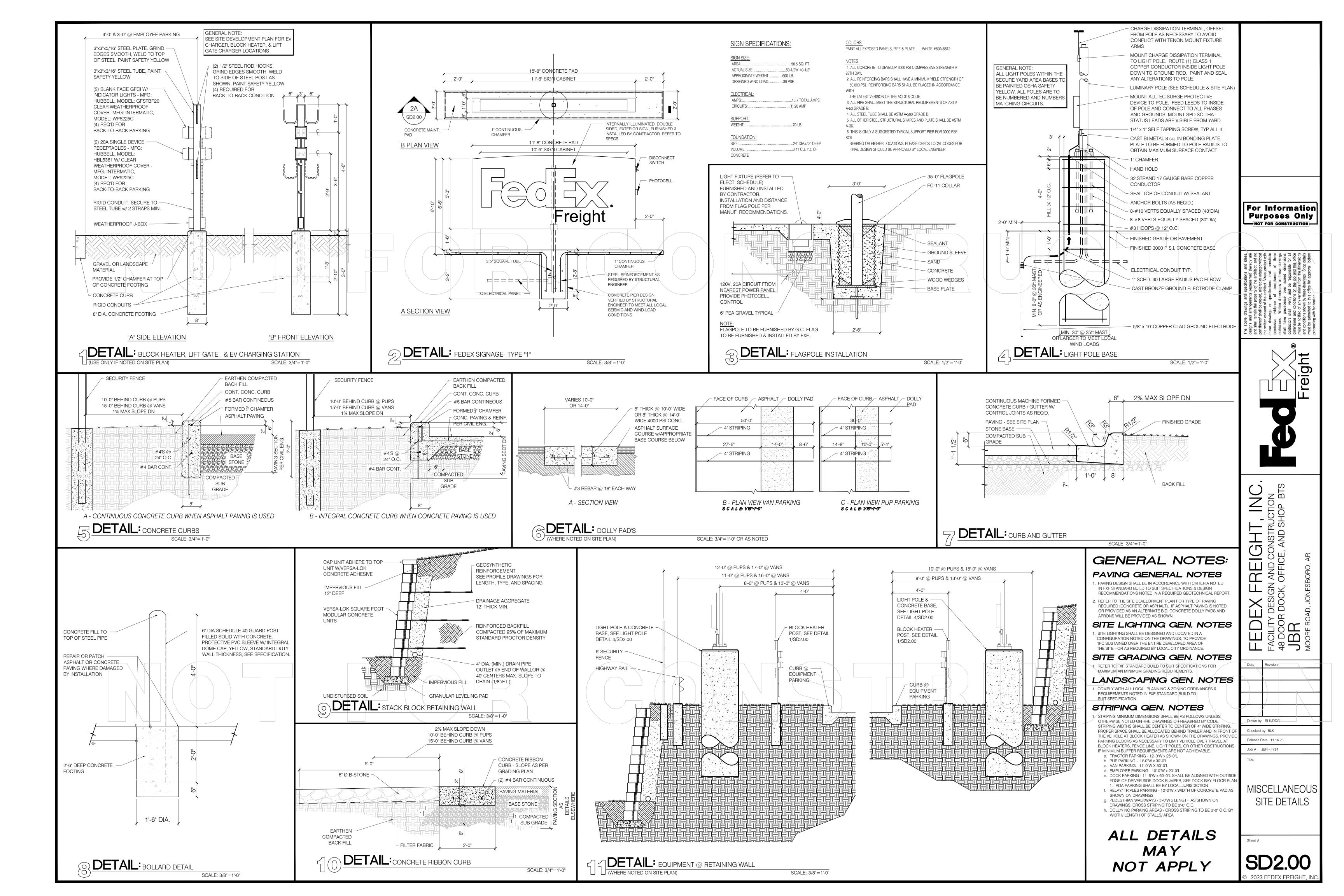
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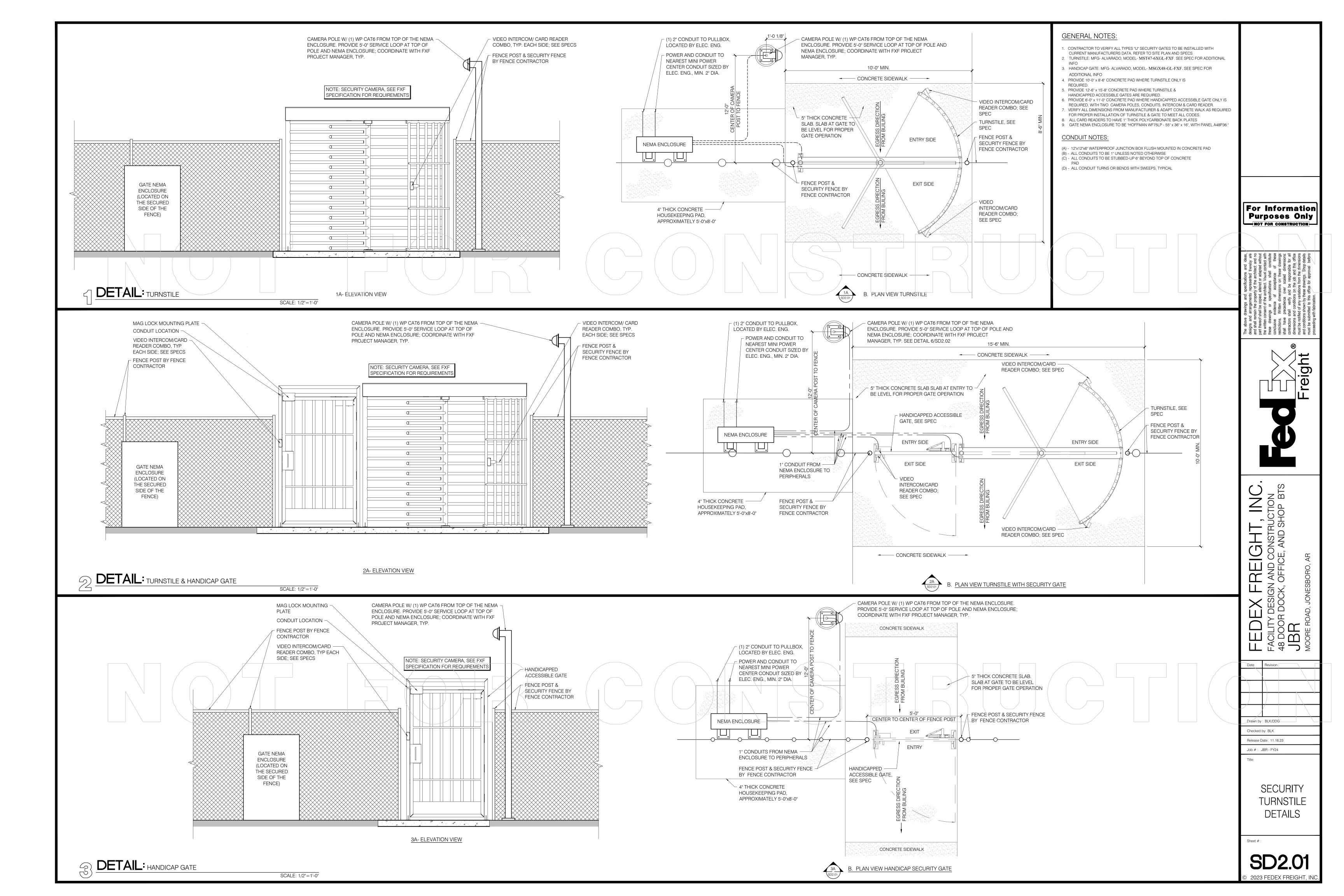
Job #: JBR - FY24

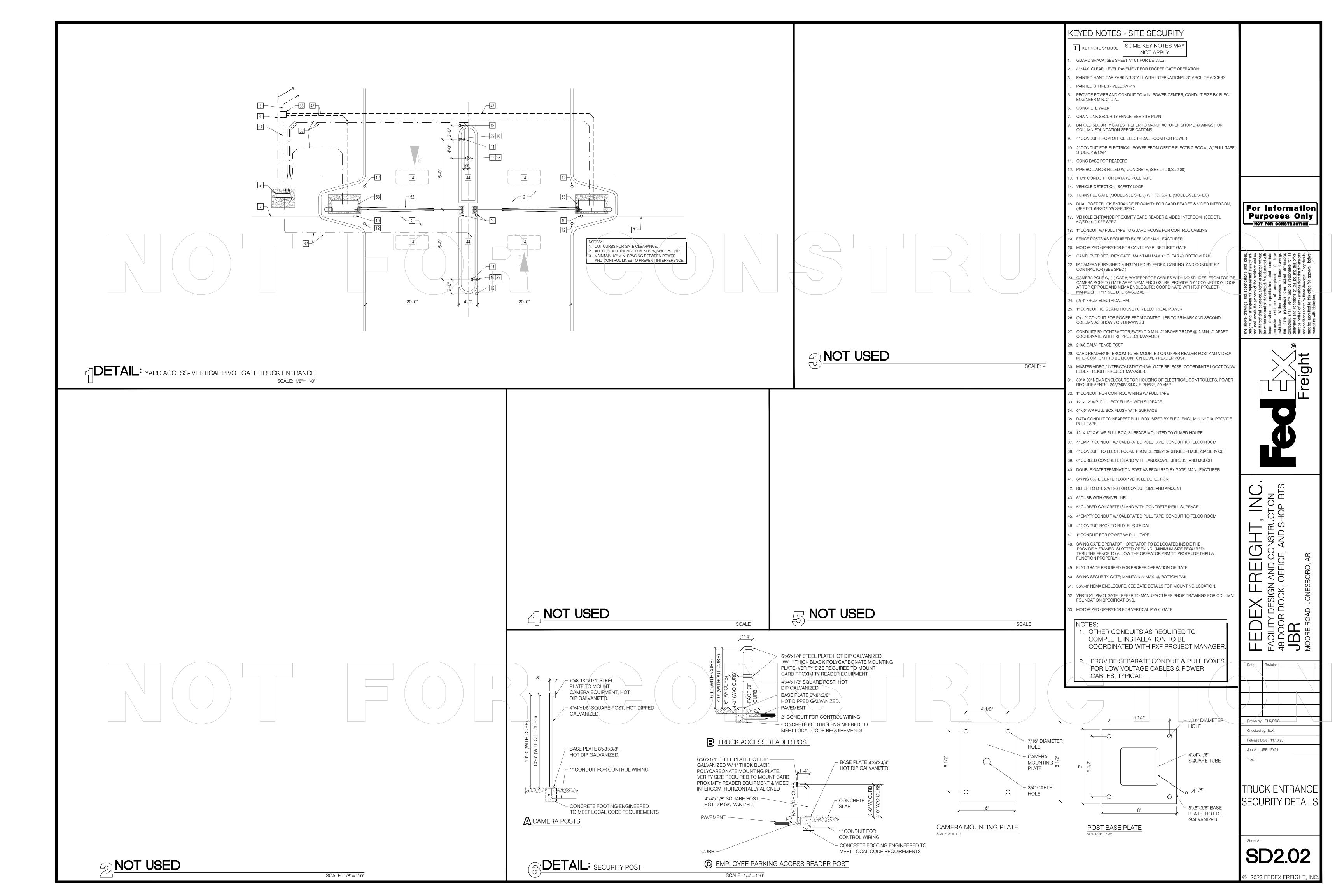
PAVEMENT DESIGN CRITERIA

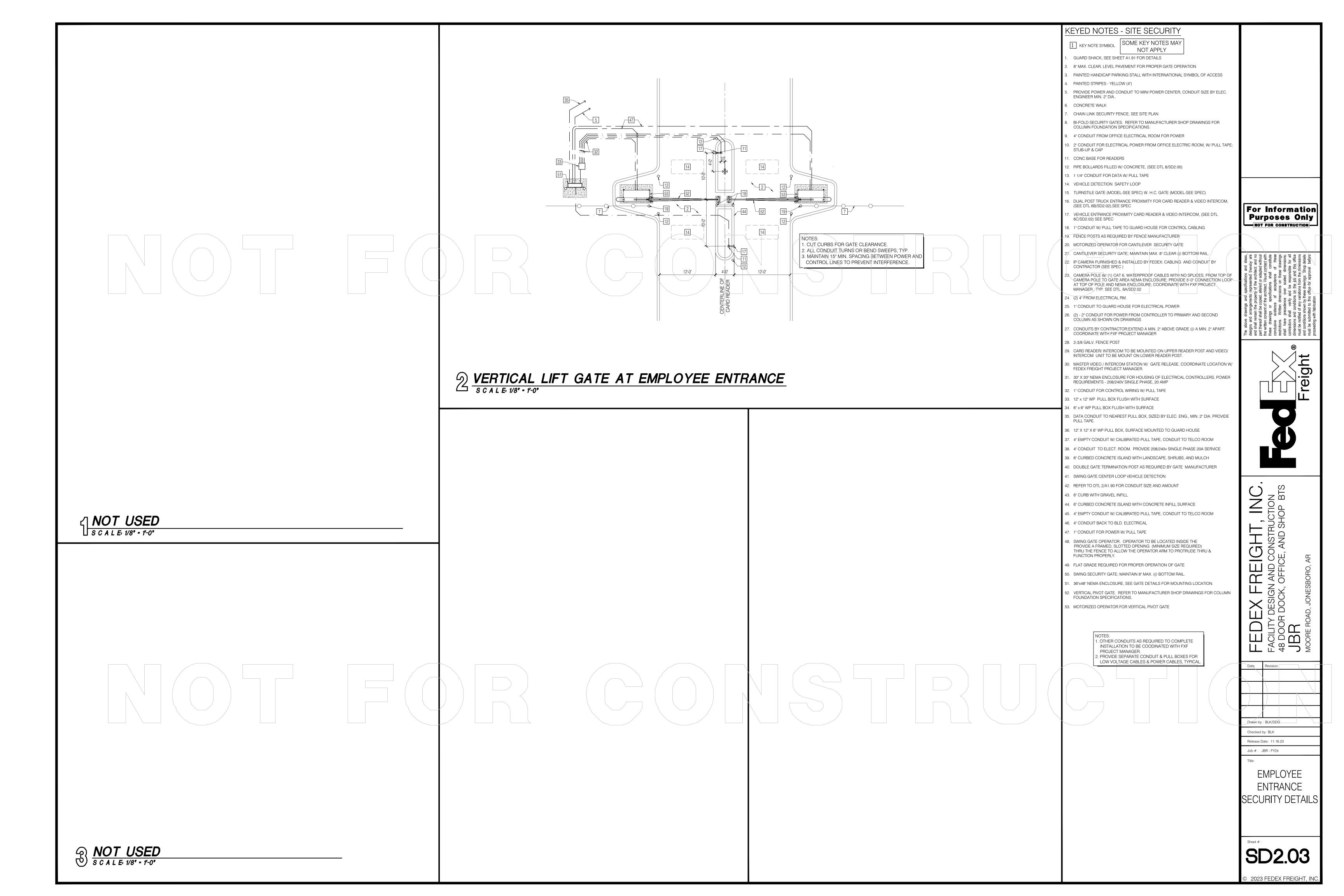
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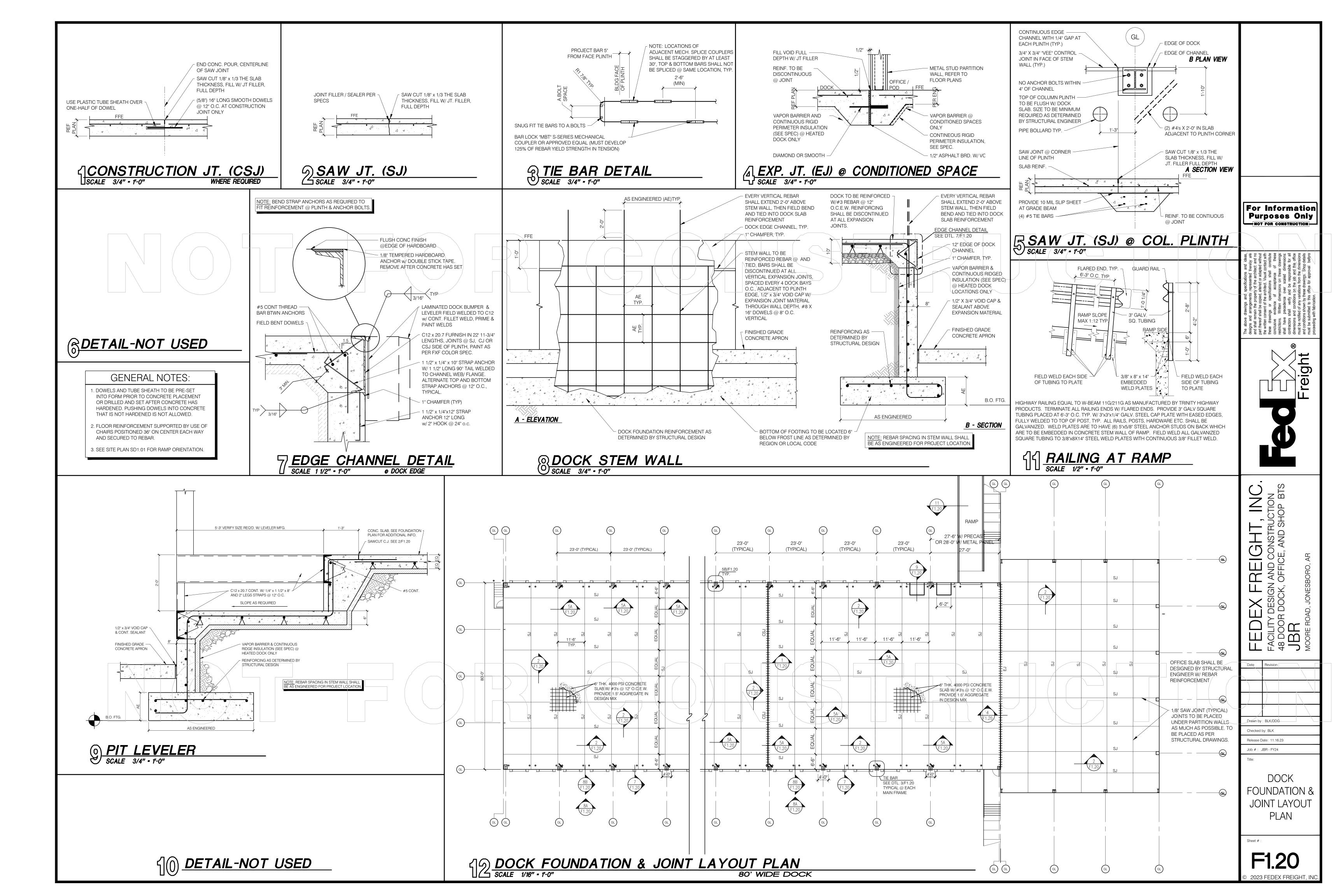
SD1.03
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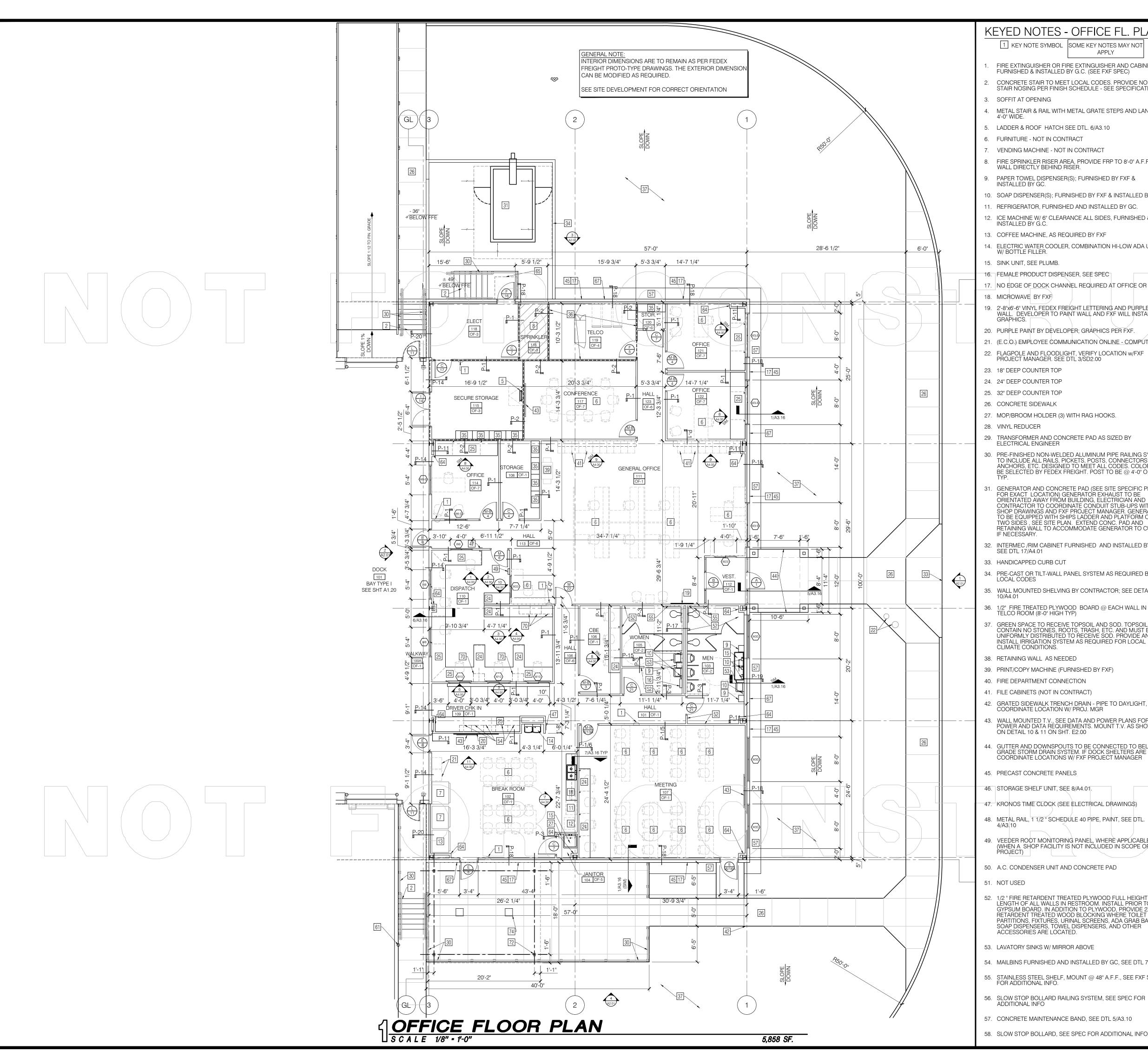












KEYED NOTES - OFFICE FL. PLAN

1 KEY NOTE SYMBOL SOME KEY NOTES MAY NOT

FIRE EXTINGUISHER OR FIRE EXTINGUISHER AND CABINET;

- FURNISHED & INSTALLED BY G.C. (SEE FXF SPEC)
- CONCRETE STAIR TO MEET LOCAL CODES. PROVIDE NON-SLIP
- STAIR NOSING PER FINISH SCHEDULE SEE SPECIFICATIONS.
- I. METAL STAIR & RAIL WITH METAL GRATE STEPS AND LANDING,

- 5. LADDER & ROOF HATCH SEE DTL. 6/A3.10
- VENDING MACHINE NOT IN CONTRACT
- 8. FIRE SPRINKLER RISER AREA, PROVIDE FRP TO 8'-0" A.F.F. ON
- 9. PAPER TOWEL DISPENSER(S); FURNISHED BY FXF &
- 10. SOAP DISPENSER(S); FURNISHED BY FXF & INSTALLED BY GC.
- 11. REFRIGERATOR, FURNISHED AND INSTALLED BY GC.
- 12. ICE MACHINE W/ 6" CLEARANCE ALL SIDES, FURNISHED &
- 13. COFFEE MACHINE, AS REQUIRED BY FXF
- 14. ELECTRIC WATER COOLER, COMBINATION HI-LOW ADA UNIT
- 16. FEMALE PRODUCT DISPENSER, SEE SPEC
- 17. NO EDGE OF DOCK CHANNEL REQUIRED AT OFFICE OR POD
- 19. 2'-8"x6'-6" VINYL FEDEX FREIGHT LETTERING AND PURPLE WALL. DEVELOPER TO PAINT WALL AND FXF WILL INSTALL GRAPHICS.
- 20. PURPLE PAINT BY DEVELOPER; GRAPHICS PER FXF.
- 21. (E.C.O.) EMPLOYEE COMMUNICATION ONLINE COMPUTER
- 22. FLAGPOLE AND FLOODLIGHT, VERIFY LOCATION w/FXF PROJECT MANAGER. SEE DTL 3/SD2.00

- 27. MOP/BROOM HOLDER (3) WITH RAG HOOKS.
- 29. TRANSFORMER AND CONCRETE PAD AS SIZED BY
- 30. 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. POST TO BE @ 4'-0" O.C.
- 31. GENERATOR AND CONCRETE PAD (SEE SITE SPECIFIC PLAN FOR FXACT LOCATION) GENERATOR FXHAUST TO BE ORIENTATED AWAY FROM BUILDING, ELECTRICIAN AND CONTRACTOR TO COORDINATE CONDUIT STUB-UPS WITH SHOP DRAWINGS AND FXF PROJECT MANAGER. GENERATOR TO BE EQUIPPED WITH SHIPS LADDER AND PLATFORM ON TWO SIDES, SEE SITE PLAN. EXTEND CONC. PAD AND RETAINING WALL TO ACCOMMODATE GENERATOR TO CURB
- 32. INTERMEC /RIM CABINET FURNISHED AND INSTALLED BY G.C.
- 33. HANDICAPPED CURB CUT
- 34. PRE-CAST OR TILT-WALL PANEL SYSTEM AS REQUIRED BY
- 35. WALL MOUNTED SHELVING BY CONTRACTOR; SEE DETAIL
- 36. 1/2" FIRE TREATED PLYWOOD BOARD @ EACH WALL IN TELCO ROOM (8'-0" HIGH TYP)
- 37. GREEN SPACE TO RECEIVE TOPSOIL AND SOD. TOPSOIL MUST CONTAIN NO STONES, ROOTS, TRASH, ETC. AND MUST BE UNIFORMLY DISTRIBUTED TO RECEIVE SOD. PROVIDE AND INSTALL IRRIGATION SYSTEM AS REQUIRED FOR LOCAL
- 38. RETAINING WALL AS NEEDED
- 39. PRINT/COPY MACHINE (FURNISHED BY FXF)
- 40. FIRE DEPARTMENT CONNECTION
- 41. FILE CABINETS (NOT IN CONTRACT)
- COORDINATE LOCATION W/ PROJ. MGR 43. WALL MOUNTED T.V., SEE DATA AND POWER PLANS FOR POWER AND DATA RÉQUIREMENTS. MOUNT T.V. AS SHOWN
- 44. GUTTER AND DOWNSPOUTS TO BE CONNECTED TO BELOW GRADE STORM DRAIN SYSTEM. IF DOCK SHELTERS ARE USED, COORDINATE LOCATIONS W/ FXF PROJECT MANAGER
- 46. STORAGE SHELF UNIT, SEE 8/A4.01.
- 47. KRONOS TIME CLOCK (SEE ELECTRICAL DRAWING\$)
- 48. METAL RAIL, 1 1/2 SCHEDULE 40 PIPE, PAINT, SEE DTL.
- 49. VEEDER ROOT MONITORING PANEL, WHERE APPLICABLE. (WHEN A SHOP FACILITY IS NOT INCLUDED IN SCOPE OF
- 50. A.C. CONDENSER UNIT AND CONCRETE PAD
- 52. 1/2 " FIRE RETARDENT TREATED PLYWOOD FULL HEIGHT AND LENGTH OF ALL WALLS IN RESTROOM. INSTALL PRIOR TO GYPSUM BOARD. IN ADDITION TO PLYWOOD, PROVIDE 2X FIRE RETARDENT TREATED WOOD BLOCKING WHERE TOILET PARTITIONS, FIXTURES, URINAL SCREENS, ADA GRAB BARS, SOAP DISPENSERS, TOWEL DISPENSERS, AND OTHER
- 53. LAVATORY SINKS W/ MIRROR ABOVE
- 54. MAILBINS FURNISHED AND INSTALLED BY GC, SEE DTL 7/A4.01
- 55. STAINLESS STEEL SHELF, MOUNT @ 48" A.F.F., SEE FXF SPEC FOR ADDITIONAL INFO.
- 56. SLOW STOP BOLLARD RAILING SYSTEM, SEE SPEC FOR
- 57. CONCRETE MAINTENANCE BAND, SEE DTL 5/A3.10
- 58. SLOW STOP BOLLARD, SEE SPEC FOR ADDITIONAL INFO

- 59. SLEEVES AS NOTED ON ELECTRICAL PLANS
- 60. PRE-FINISHED ALUMINUM RAILING SYSTEM TO INCLUDE ALL RAILS, PICKETS, POSTS, CONNECTORS, ANCHORS, ETC.
 DESIGNED TO MEET ALL CODES. COLOR TO BE SELECTED BY FEDEX FREIGHT.
 - 61. 6" DIA. SCH. 40 STEEL PIPE BOLLARDS; SEE DTL 8/SD2.00
 - 62. CONCRETE RETAINING WALL, WITH RUB FINISH TO MATCH DOCK STEM WALL, DESIGNED BY ENGINEER OF RECORD.
 - 63. 6" DIA. SCH. 40 STEEL PIPE BOLLARDS; SEE DTL 7/A3.10.
- 64. FURR-OUT WALLS SHALL FULLY CONCEAL CONCRETE PIERS AT COLUMNS; COORDINATE WITH STRUCTURAL, TYP.
- 65. 48" x 48" METAL CANOPY, SEE SHEET DTL 1/A3.10
- 66. PRE-ENGINEERED PEMB COLUMNS, DESIGNED TO MEET ALL
- 67. FACE OF EXTERIOR WALL FOR OFFICE TYPES WITH EXTERIOR PRE-CAST CONCRETE WALL PANELS. ADJUST WIDTH OF CONCRETE WALK AS REQUIRED.
- 68. 48" x 48" METAL CANOPY BY PEMB.
- 69. ETCHED ACRYLIC FXF SIGN, SEE DETAIL 12/A4.00 FOR ADDITIONAL INFO.
- 70. TABLE TOP INTERMEC /RIM CABINET FURNISHED AND INSTALLED BY G.C. SEE DTL 16/A4.01
- 71. NOT USED
- 72. PRE-ENGINEERED, PRE-FIN, CANOPY ABOVE, SHOWN WITH DASHED LINE. SET CANOPY 2" FROM PRE-CAST WALL AND FLASH TO BUILDING WITH PRE-FIN. MTL. FLASHING AND TERM BAR WITH PRE-FIN. CAP. PROVIDE PRE-FIN. MTL. CLOSURES AT EACH END. PROVIDED BY THE FUEL CANOPY MANUFACTURER.
- 73. DETECTABLE WARNING STRIP PER LOCAL CODE REQUIREMENTS.
- 74. RECESSED LED LIGHT FIXTURE BY CANOPY MANUF., TYP.
- 75. PRE-FIN. STL. TUBE COLUMN BY CANOPY MANUF. CONNECT INTERNAL PVC DOWNSPOUT TO STORM SEWER SYSTEM, TYP.

GENERAL NOTES

- CONTRACTOR TO VERIFY EXISTING CONDITIONS AS TO THE CHARACTER AND EXTENT OF WORK INVOLVED. SUBMISSION OF A BID SHALL CONSTITUTE ACCEPTANCE, BY THE BIDDER, OF CONDITIONS AS A PART OF THE REQUIREMENTS FOR THIS WORK REFER TO BIDDING DOCUMENTS, INSTRUCTIONS TO BIDDERS, EXAMINATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR REPLACING ANY EXISTING ELEMENTS DAMAGED DURING THE CONSTRUCTION PROCESS. FAILURE TO DO SO SHALL DEEM CONSTRUCTION TO BE INCOMPLETE.
- TYPICAL-NOTES OR KEYNOTES REFERRING TO ITEMS OF PLANS APPLY TO THE SAME TYPE OF ITEMS WHETHER OR NOT EVERY SUCH ITEM IS SO IDENTIFIED- THAT IS, NOTE DESCRIBING ONE ITEM WOULD BE TYPICAL AND APPLY TO ALL SUCH ITEMS. NOTES AND KEYNOTES MAY NOT ALWAYS APPLY TO EVERY PROJECT VERIFY WITH PROJECT MANAGER.
- ALL WORK SHALL CONFORM TO ALL APPLICABLE CODES AND ORDINANCES. THE MORE STRINGENT TO GOVERN DISCREPANCIES BETWEEN CONTRACT DOCUMENTS AND CODES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PROMPTLY AND RESOLUTION OBTAINED BEFORE PROCEEDING.
- DRAWINGS ARE NOT TO BE SCALED. DIMENSIONAL DATA SHALL BE OBTAINED FROM WRITTEN INFORMATION ONLY. VERIFY ALL DIMENSIONS BEFORE PROCEEDING. ANY DIMENSIONAL DEVIATION FROM THAT SHOWN ON DRAWINGS, WHICH MAY AFFECT INTENT OF DESIGN OR PROPER INCORPORATION OF ELEMENTS, SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PROMPTLY AND RESOLUTION OBTAINED BEFORE PROCEEDING
- STRUCTURAL AND MISC. STEEL SUPPLIER SHALL RESPONSIBLE FOR REVIEW OF TOTAL CONTRACT DOCUMENTS AND ALL STEEL ITEMS CONTAINED THEREIN.
- STRUCTURAL STEEL FABRICATION, CONNECTIONS, DETAILING, AND ERECTION SHALL BE IN ACCORDANCE WITH A.I.S.C. MANUAL OF STEEL CONSTRUCTION EIGHTH EDITION, OR MOST CURRENT
- THIS FACILITY WAS DESIGNED TO MEET ALL FIRE PROTECTION CODES AND ORDINANCES - SEE SPECIFICATIONS FOR ADDITIONAL FIRE PROTECTION INFORMATION FOR EXTENDING THE EXISTING SPRINKLER SYSTEM OR INSTALLATION OF NEW
- 9. ALL EXPOSED CONCRETE STEM WALLS TO BE RUBBED CONCRETE FINISH
- 10. ALL EXPOSED SURFACES TO HAVE EITHER FACTORY FINISH OR
- PAINT. ALL COLORS WILL BE SELECTED BY FXF 11. ALL EXTERIOR DIMENSIONS ARE FACE OF CONCRETE, MASONRY, METAL STUDS OR CENTERLINE OF STRUCTURAL FRAMES UNLESS
- 12. ALL INTERIOR DIMENSIONS ARE FROM CENTERLINE OF STRUCTURAL FRAMES OR TO FACE OF STUDS UNLESS SPECIFICALLY INDICATED OTHERWISE IN PLAN AND/OR DETAIL.

SPECIFICALLY INDICATED OTHERWISE.

- 13. PROVIDE 2X SOLID FIRE RETARDENT TREATED WOOD BLOCKING AS REQUIRED TO INSTALL EQUIPMENT, BULLETIN BOARDS, MILLWORK, TOILET PARTITIONS, AND OTHER ACCESSORIES BLOCKING IS IN ADDITION TO PLYWOOD AT RESTROOMS.
- 14. ALL INTERIOR WALLS NOT EXTENDED TO UNDERSIDE OF ROOF DECK SHALL BE ANGLE BRACED TO STRUCTURE WITH 25 Ga. MTL. STUDS ON 4'-0" O.C. ALL INTERIOR DOOR FRAMES TO BE ANGLE BRACED TO STRUCTURE ON STRIKE-SIDE OF FRAME.
- 15. ALL INTERIOR WALLS TO HAVE UNFACED SOUND ATTENUATION BATT INSULATION UNLESS OTHERWISE NOTED.
- 16. CONTRACTOR TO PROVIDE GROMMETS FOR CABLING IN COUNTER TOPS @ 6' O.C. 17. ALL ADA INTERIOR OFFICE SIGNAGE SHALL BE PROVIDED 8 INSTALLED BY CONTRACTOR/DEVELOPER TO MEET LOCAL CODE
- REQUIREMENTS. ACCESSIBLE SIGNAGE AT ALL RESTROOMS SHALL BE PROVIDED AS A MINIMUM. 18. DOCK BAY TYPE ORIENTATION MAY VARY. SEE SITE PLAN SD1.01
- 19. ORIENTATION OF OFFICE MAY VARY. SEE SITE PLAN FOR LAYOUT AND ORIENTATION.
- 20. FINISH AND PAINT WALL TO STRUCTURE AT STORAGE, SPRINKLER, AND ELECTRICAL AREA.

ARCHITECTURAL DESIGN NOTES:

FOR PROPER ORIENTATION.

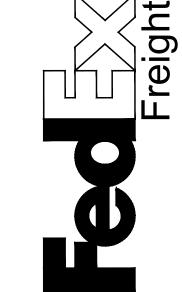
- ONLY STRAIGHT LEG COLUMNS TO BE USED AT OFFICE AND PODS, TYP.
- RAMPS REQ'D 3. SEE SITE PLAN FOR GENERATOR REQUIREMENTS 4. SEE SITE PLAN FOR OFFICE AND POD ORIENTATION

SEE SITE PLAN SD1.01 FOR NUMBER AND PLACEMENTS OF

5. REFER TO SHEET SD1.01 FOR DOCK STAND LOCATIONS AND ORIENTATION

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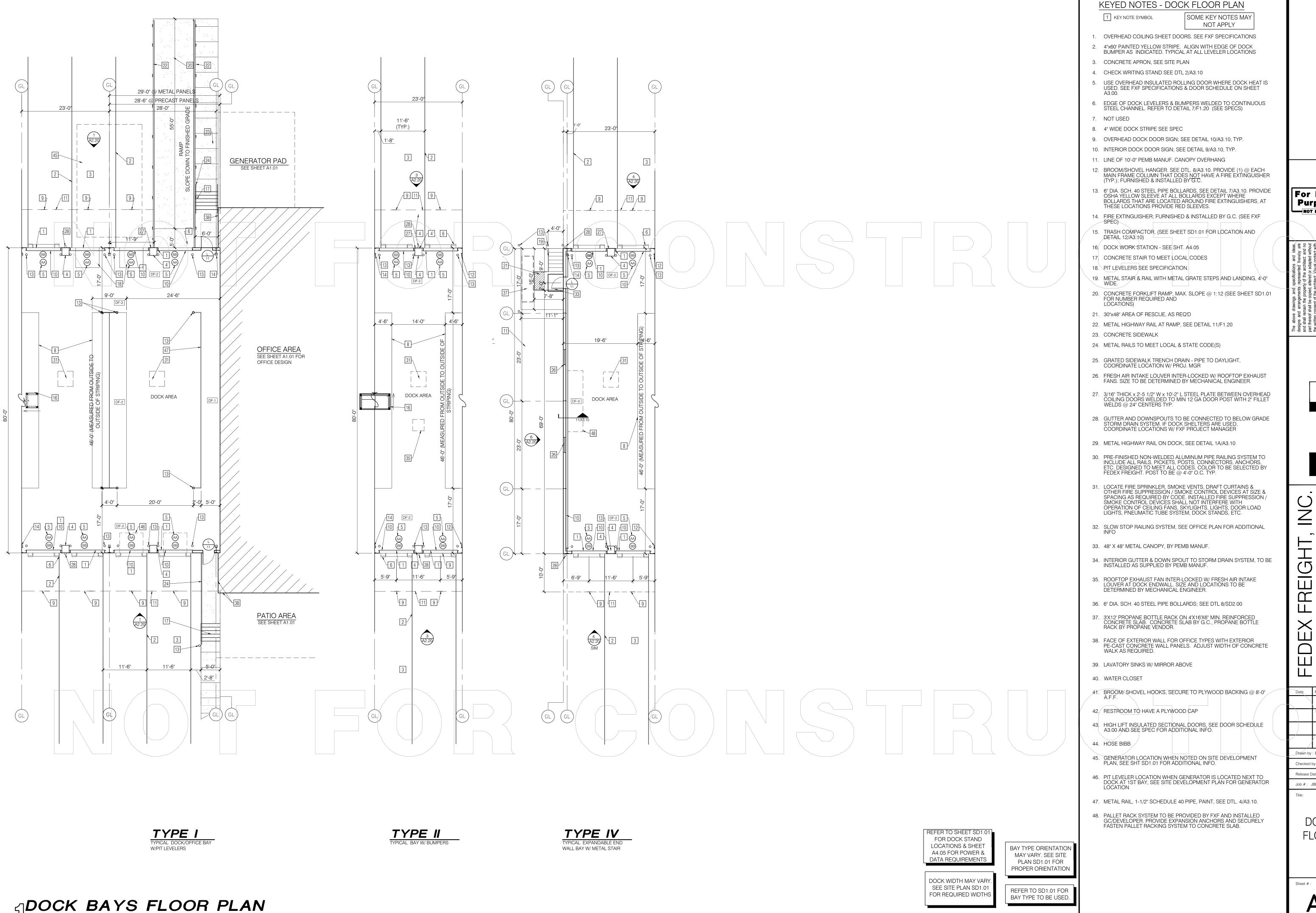
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Job #: JBR - FY24

OFFICE FLOOR PLAN

A1.01

2023 FEDEX FREIGHT, INC



 $^{\sqcup}$ SCALE 3/32"= 1'-0"

80' WIDE DOCK

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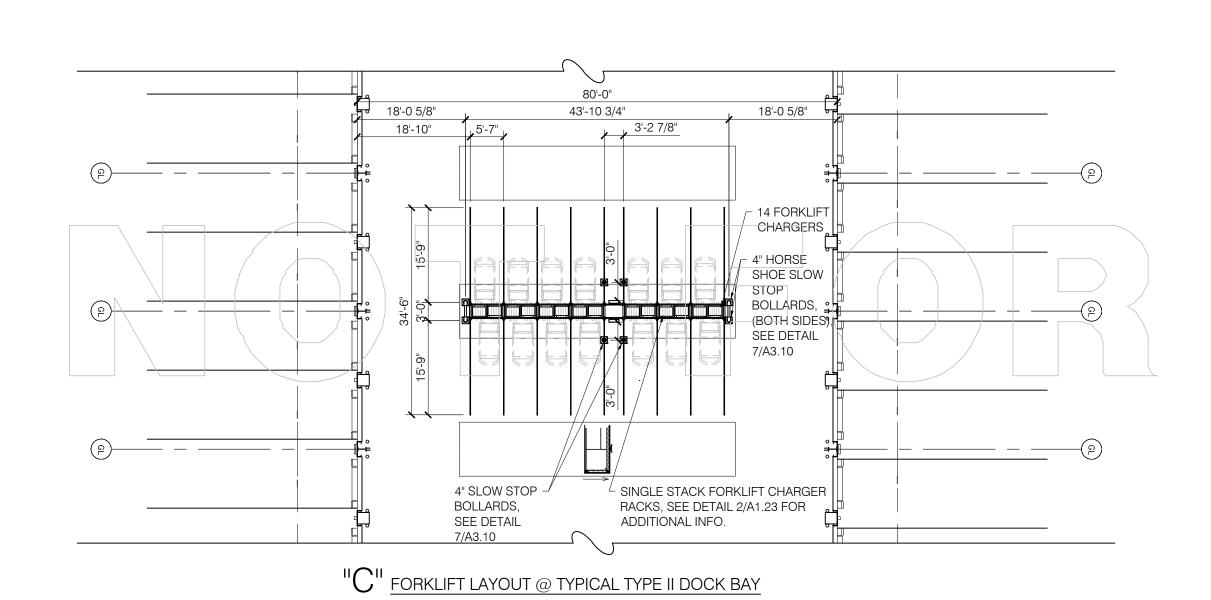
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Release Date: 11.16.23 Job #: JBR - FY24

DOCK BAYS FLOOR PLAN

A1.20

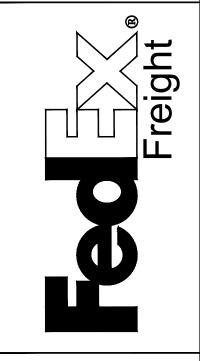


TENLARGEMENT PLANS

GENERAL NOTES:

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

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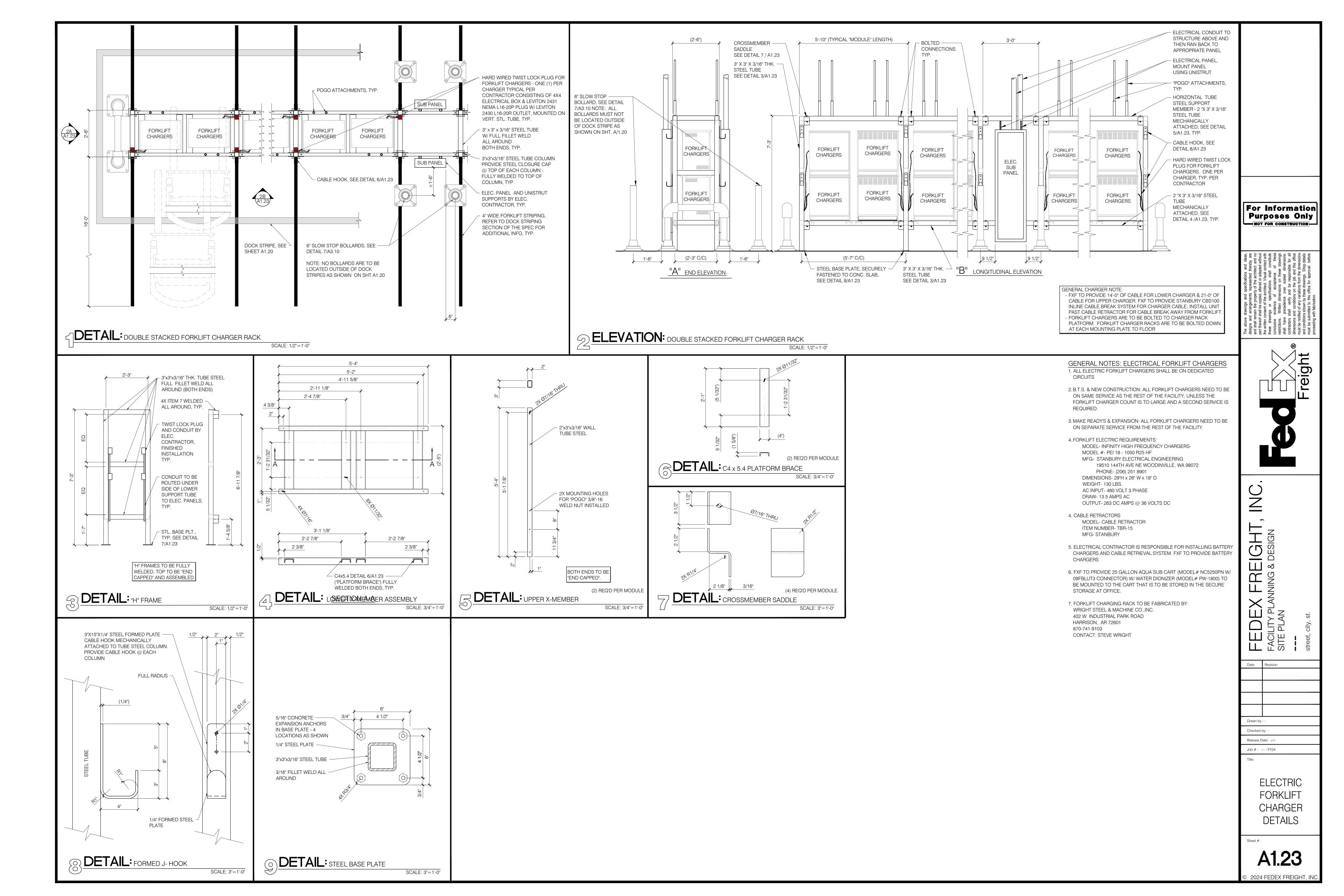
> ELECTRIC FORKLIFT CHARGERS

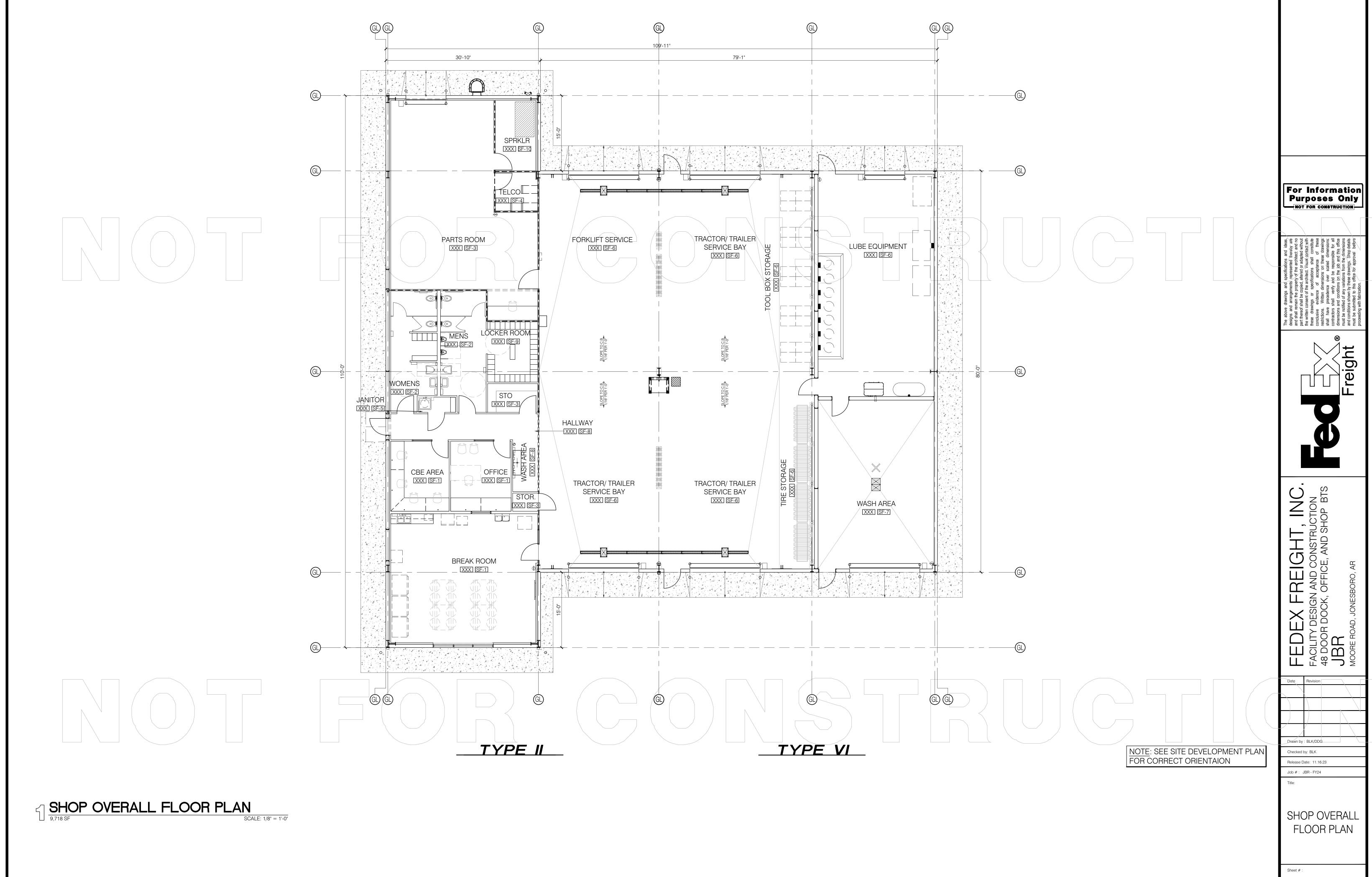
NOTE: ALL ENLARGED PLANS MAY NOT BE APPLICABLE FOR EVERY PROJECT. REFER TO SITE DEVELOPMENT PLAN FOR, DOCK WIDTH, FORKLIFT LOCATIONS, AND

NUMBER REQUIRED.

A1.22

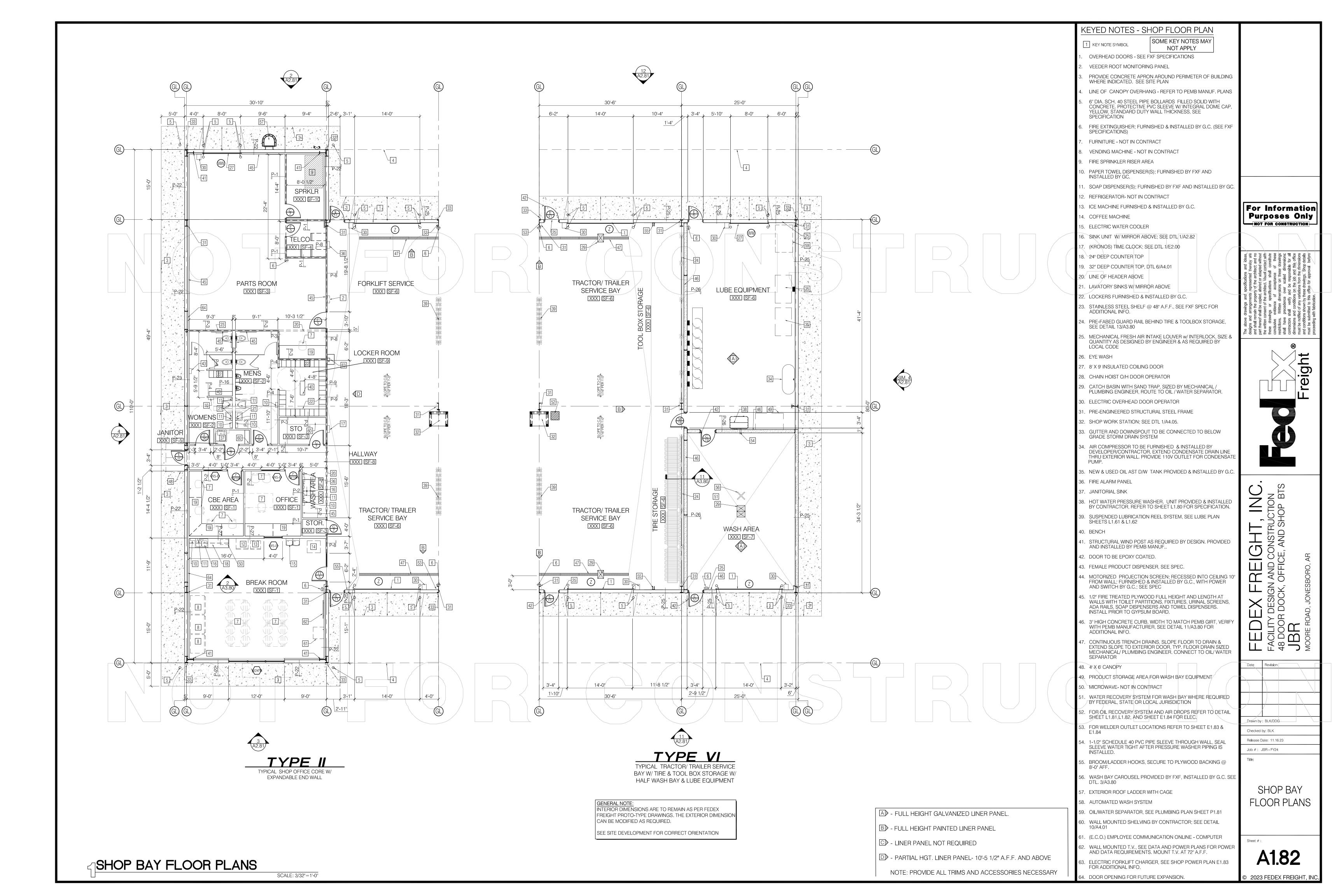
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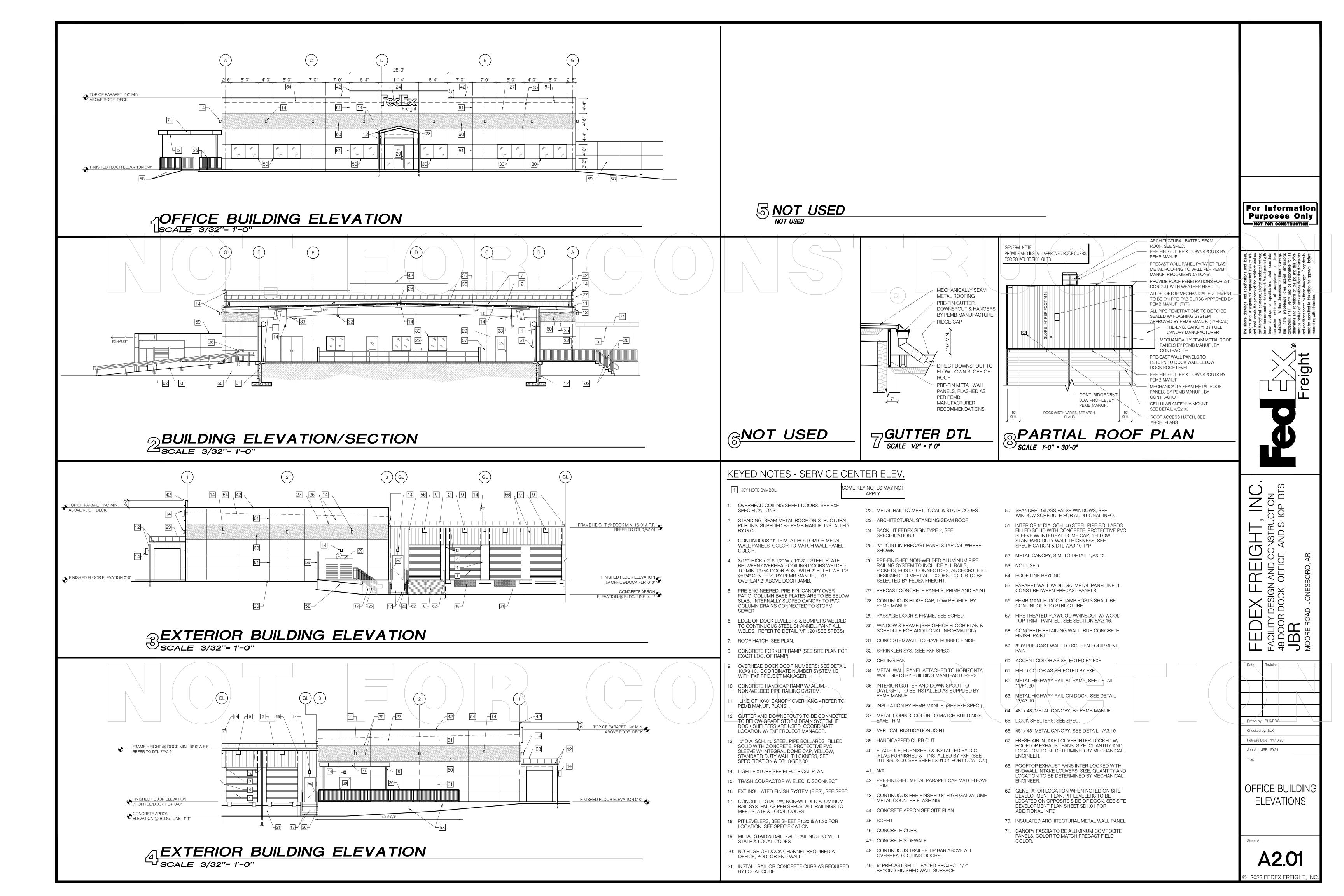


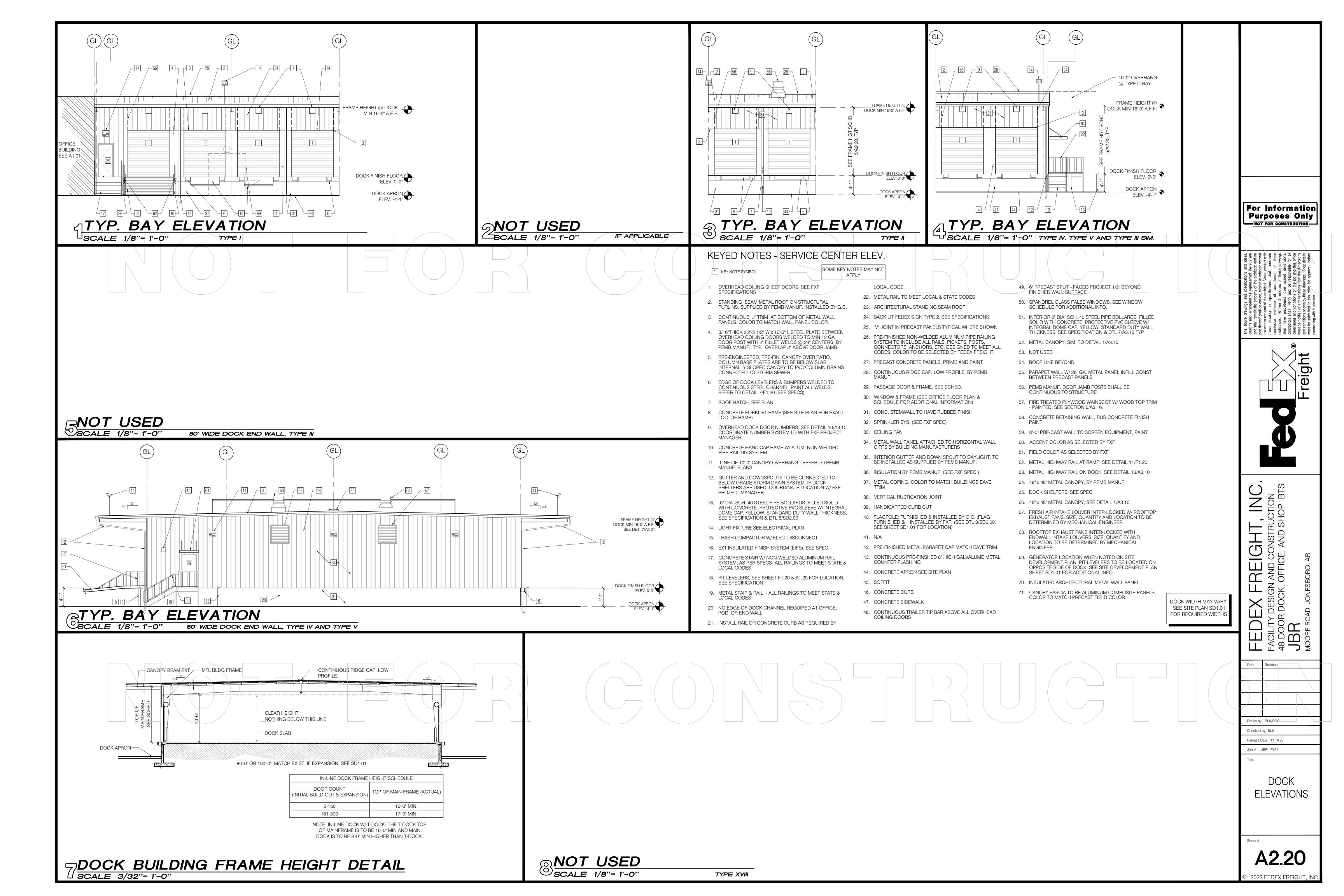


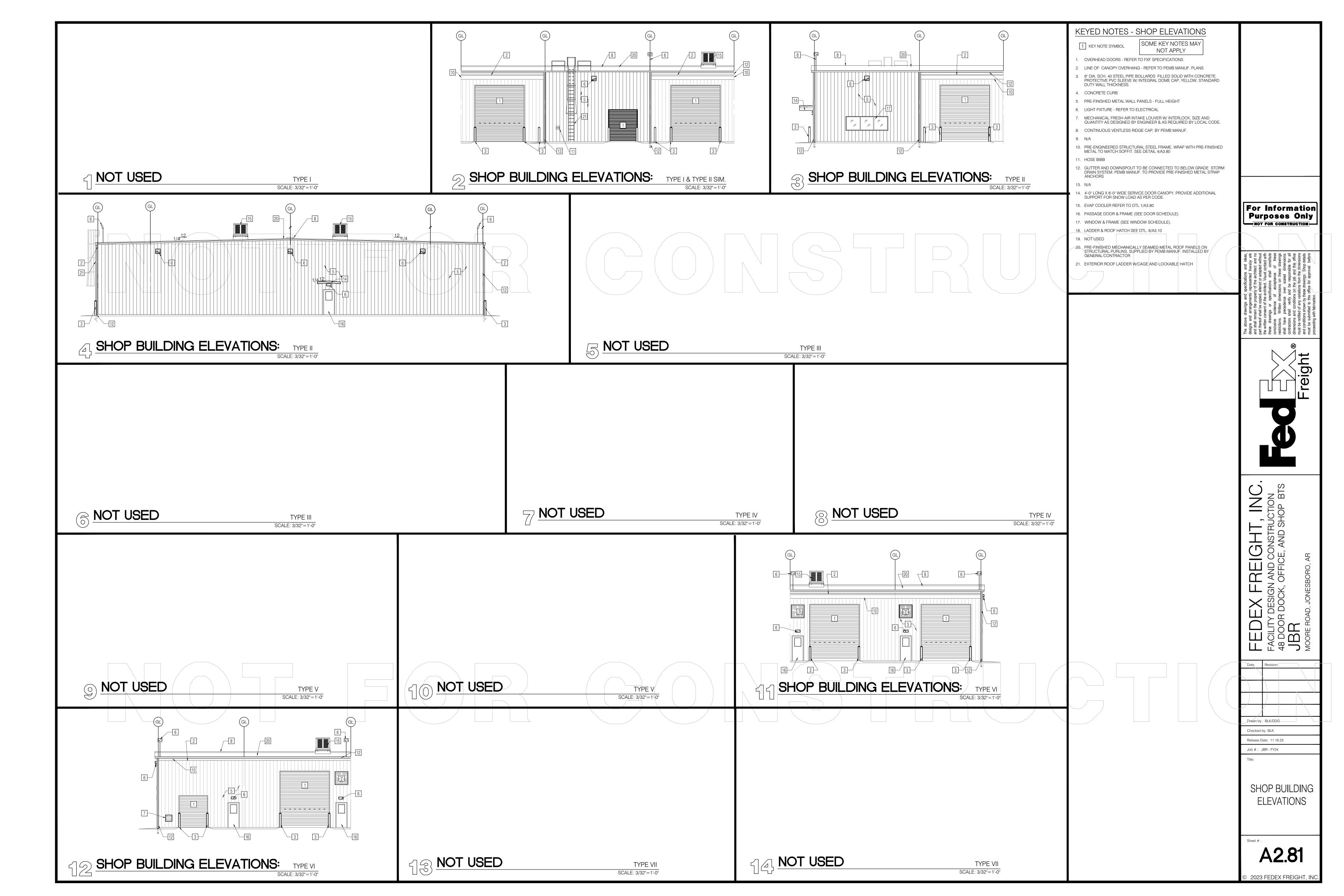
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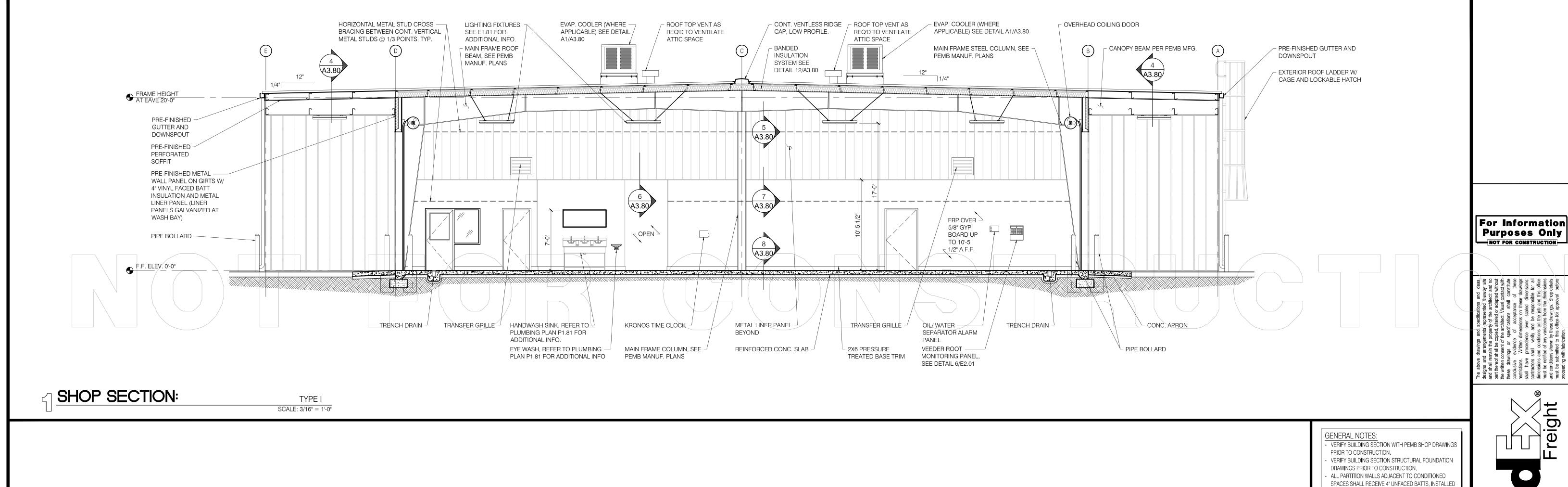
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FULL HEIGHT, TYPICAL. V.O.N.

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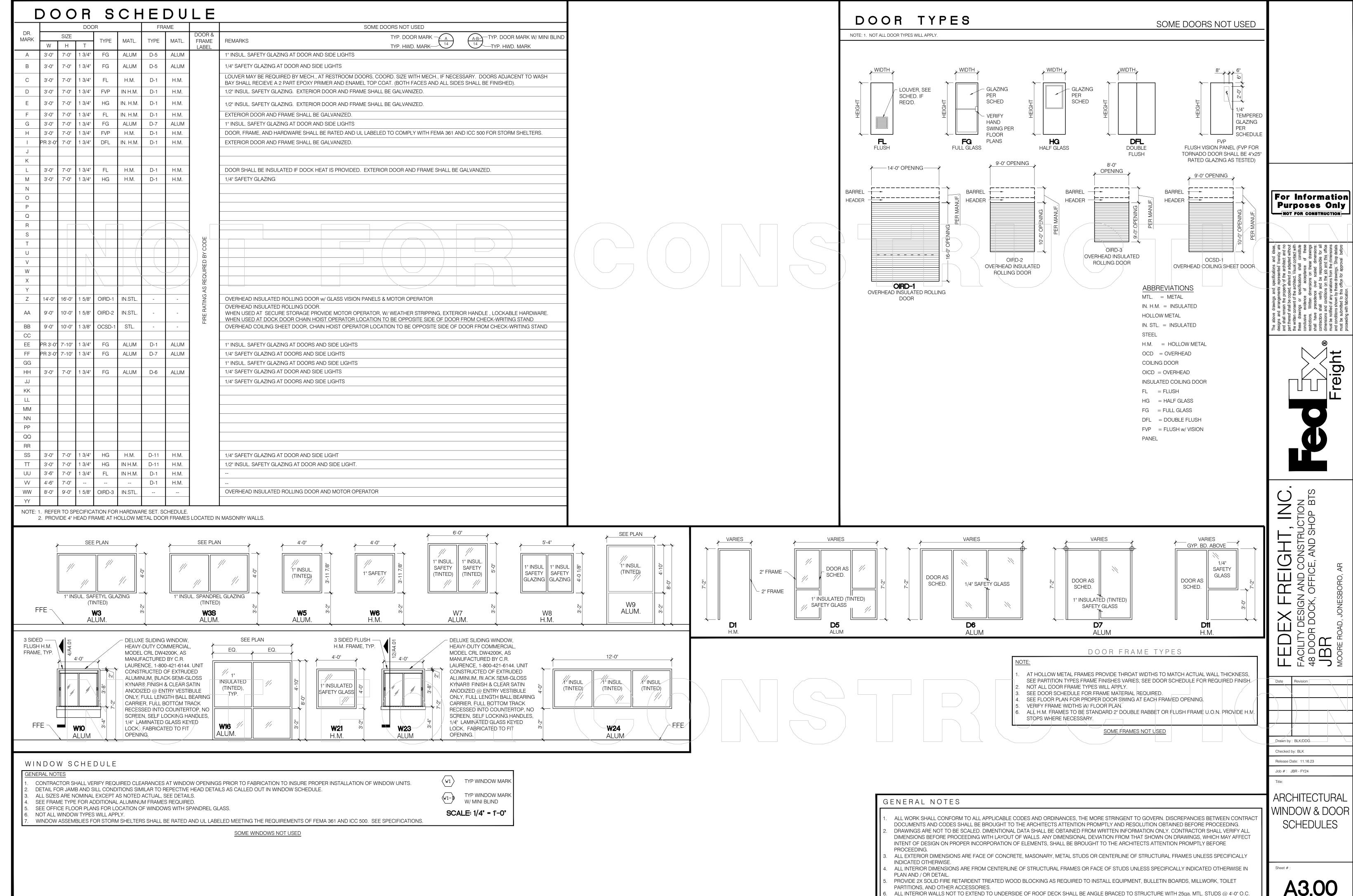
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Job # : JBR - FY24

SHOP BUILDING SECTION

A2.82

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ALL INTERIOR DOOR FRAMES TO HAVE FULL HEIGHT STUD AT JAMBS AND BE ANGLE BRACED TO STRUCTURE ON STRIKE SIDE OF FRAME.

	FICE - ROOM FIN	ISH SC	CHEDULE	P. FINISH MARK — XX-1	SYMBOL	S LEGEND	SOME SYMBOLS / ABBREVIATIONS MAY NOT BE USED			
MK	FLOOR	BASE	WALLS	CLG. CLG.HT.	REMARKS			ABBREVIATIONS		
OF-1	LVT	VINYL BASE	PAINT ON G.B.	2 X 4 LAY-IN 9'-0"		WALL/PARTITION	(PARTIAL) SECTION	A.F.F. ABOVE FINISH		PRE-ENGINEERED METAL BUILDING
OF-2	2"x2" CERAMIC TILE	2"x2" TILE COVE BASE	7' HIGH 2" X 2" TILE WAINSCOT / G.B.	2 X 4 LAY-IN 9'-0"	PAINT GYP. BD. ABOVE TILE WAINSCOT.	WALL TO ROOF DECK	REFERENCE OF STREET	ALUM. ALUMINUM		METAL THRESHOLD
OF-3	CONCRETE BURNISHED TO GLOSS AND SEALED	PAINTED 2X6 WD BASE	PAINT ON G.B.	NO CEILING ——	1/2" CDX FIRE RETARDANT PLYWOOD TO 8'-0" AFF PRIME AND PAINT	TYP. DOOR MARK	SECTION REFERENCE	© CENTER LINE (NOT IN CONTRACT
OF-4	CONCRETE BURNISHED TO GLOSS AND SEALED	PAINTED 2X6 WD BASE	PAINT ON WAINSCOT & GB. ABOVE	2 X 4 LAY IN 9'-0"	1/2" X 8' HIGH CDX FIRE RETARDANT PLYWOOD WAINSCOT OVER FULL HEIGHT GYP. BD.	TYP. HARDWARE SET NO.	$\frac{1}{A-1}$ DETAIL REFERENCE	DTL. DETAIL		NOT TO SCALE
OF-5	CONCRETE BURNISHED TO GLOSS AND SEALED	VINYL BASE	PAINT ON G.B. AND/OR FRP	2 X 2 LAY-IN 9'-0"	LOCATE FRP ADJACENT TO MOP SINK	TYP. DOOR MARK W/ MINI	D.1	EQ. EQUAL		ON CENTER
OF-6	LVT	VINYL BASE	PAINT ON G.B.	2 X 2 LAY-IN 9'-0"		BLIND TYP. HARDWARE SET NO.	PARTITION TYPE REFERENCE	EXT. EXTERIOR		REVERSE
OF-7	CARPET	VINYL BASE	PAINT ON G.B.	2 X 4 LAY-IN 9'-0"		OFFICE	SEE DTL. DETAIL REFERENCE	E.P.S. EXPANDED POLYSTYRENE		SUPPLIED BY OWNER SIMILAR
						ROOM REFERENCE	A) COLUMN REFERENCE	F.B.O. FURNISHED BY	Olivi.	THRESHOLD
						F10 FINISH MARK	^	F.F. FINISH FLOOR		TOP OF CURB
						W1) WINDOW REFERENCE	REVISION REFERENCE	F.X.F. FEDEX FREIGH		TOP OF SLAB
	SHOP - ROOM FINISH SCHEDULE TYP. FINISH MARK - XX-1 S					WINDOW REFERENCE	ELEVATION REFERENCE	GA. GAUGE		TOP OF WINDOW
21	OP - ROOM FINIS	п осп	EDULE	P. FINISH MARK \(\sqrt{XX-1}	SEE SPEC	W1-B WINDOW REFERENCE W/ MINI	CELEVATION TIEF ETIENCE	G.C. GENERAL CON		SOUND ATTENUATION BATTS
MK	FLOOR	BASE	WALLS	CLG. CLG.HT.	REMARKS	BLIND		H.C. HANDICAP	F. DN.	FURR- DOWN
SF-1	LVT	VINYL BASE	PAINT ON G.B.	2 X 4 LAY-IN 10'-0"		DENOTES UNPAVED AREA		H. MTL. HOLLOW META	AL.	
SF-2	2" X 2" CERAMIC TILE	TILE COVE BASE	FRP. FULL HEIGHT	2 X 4 LAY-IN 10'-0"	SEE DETAIL 13/A3.10 FOR COVE BASE			IR G C INSTALLED BY	GENERAL	1
SF-3	CONCRETE, BURNISHED TO GLOSS & SEALED	PAINTED 2X6 WD BASE	PAINT ON G.B.	2 X 4 LAY-IN 12'-0"	1/2" CDX FIRE RETARDANT PLYWOOD TO 8'-0" AFF PRIME AND PAINT			I.B.G.C. CONTRACTOR		
SF-4	CONCRETE, BURNISHED TO GLOSS & SEALED	PAINTED 2X6 WD BASE	PAINT ON WAINSCOT & GB. ABOVE	2 X 4 LAY IN 10'-0"	1/2" X 8' HIGH CDX FIRE RETARDANT PLYWOOD WAINSCOT OVER FULL HEIGHT GYP. BD.			INT. INTERIOR		
SF-5	CONCRETE, BURNISHED TO GLOSS & SEALED	PAINTED 2X6 WD BASE	FRP. FULL HEIGHT	2 X 4 LAY-IN 10'-0"				IN. H.M. INSULATED HC	DLLOW METAL	1
SF-6	CONCRETE, BURNISHED TO GLOSS & SEALED	PAINTED 2X6 WD BASE	MTL LINER PANELS	NO CEILING ——	SEE PLAN FOR LINER PANEL LOCATIONS. 2X6 BASE & FRP OVER GYP BD. @ CORE DEMISING WALLS ONLY		O O O O O O O O O O O O O O O O O O O	O DI ANIC & CDECIEICATIONICE	EOD ITEM LOCATIONS 8	
SF-7	CONCRETE, BURNISHED TO GLOSS & SEALED	NO BASE	MTL. LINER PANELS	NO CEILING ——	SEE PLANS FOR LINER PANEL LOCATION	JITEM INSTALL	SCHEDULE REFER TO	COORDINATE W/ FDXFR PROJ	JECT MANAGER	
SF-8	CONCRETE, BURNISHED TO GLOSS & SEALED	PAINTED 2X6 WD BASE	FRP. FULL HEIGHT	2 X 2 LAY-IN 10'-5 1/2"						_
SF-9	2" X 2" CERAMIC TILE	NONE	PAINT ON G.B.	2 X 4 LAY-IN 10'-0"	LOCKERS TO BE INSTALLED FULL LENGTH OF WALLS	ITEM DESCRIP		JRNI\$HED BY	INSTALLED BY	-
SF-10	CONCRETE, BURNISHED TO GLOSS & SEALED	PAINTED 2X6 WD BASE	PAINT ON G.B.	NO CEILING	1/2" CDX FIRE RETARDANT PLYWOOD TO 8'-0" AFF PRIME AND PAINT	DOCK COMPUTER BRACKETS	FEDEX FREID		CONTRACTOR/DEVELOPER	
DC	OCK - ROOM FINIS	SH SCH	IEDULE	P. FINISH MARK - XX-1	SEE SPEC	WASH BAY CAROUSEL OS&D STANDS, SHOP STANDS DOCK STA	FEDEX FREIC ANDS, & ELEVATED DOCK STANDS FEDEX FREIC		CONTRACTOR/DEVELOPER CONTRACTOR/DEVELOPER	
MK	FLOOR	BASE	WALLS	СLG. CLG.HT.	REMARKS	DOCK RACKS	FEDEX FREIO	ЭНТ	ONTRACTOR/DEVELOPER	
DF-1	CONCRETE, BURNISHED TO GLOSS & SEALED	PAINTED 2X6 WD BASE	8' HIGH FRP WAINSCOT W/ GYP BD.	NO CEILING —	8' HIGH FRP WAINSCOT WITH FULL HEIGHT TYPE X GYP. BD. ABOVE					
DF-2	CONCRETE, BURNISHED TO GLOSS & SEALED	NO BASE		NO CEILING						

——— 3/4" X 8' HIGH CDX FIRE RETARDANT PLYWOOD ABOVE 6X6 TREATED WOOD BUMPER

9'-0" LOCATE FRP ON ALL FOUR WALLS UP TO 4'-0" A.F.F.

DF-3 CONCRETE, BURNISHED TO GLOSS & SEALED

DF-4 CONCRETE, BURNISHED TO GLOSS & SEALED

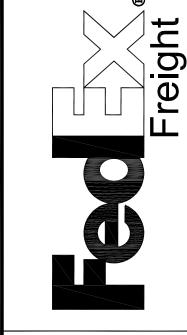
TREATED 6X6 BUMPER PAINTED CDX PLYWOOD

PAINT ON G.B. AND/OR FRP

NO CEILING

2x4 LAY-IN

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

Drawn by: BLK/DDG

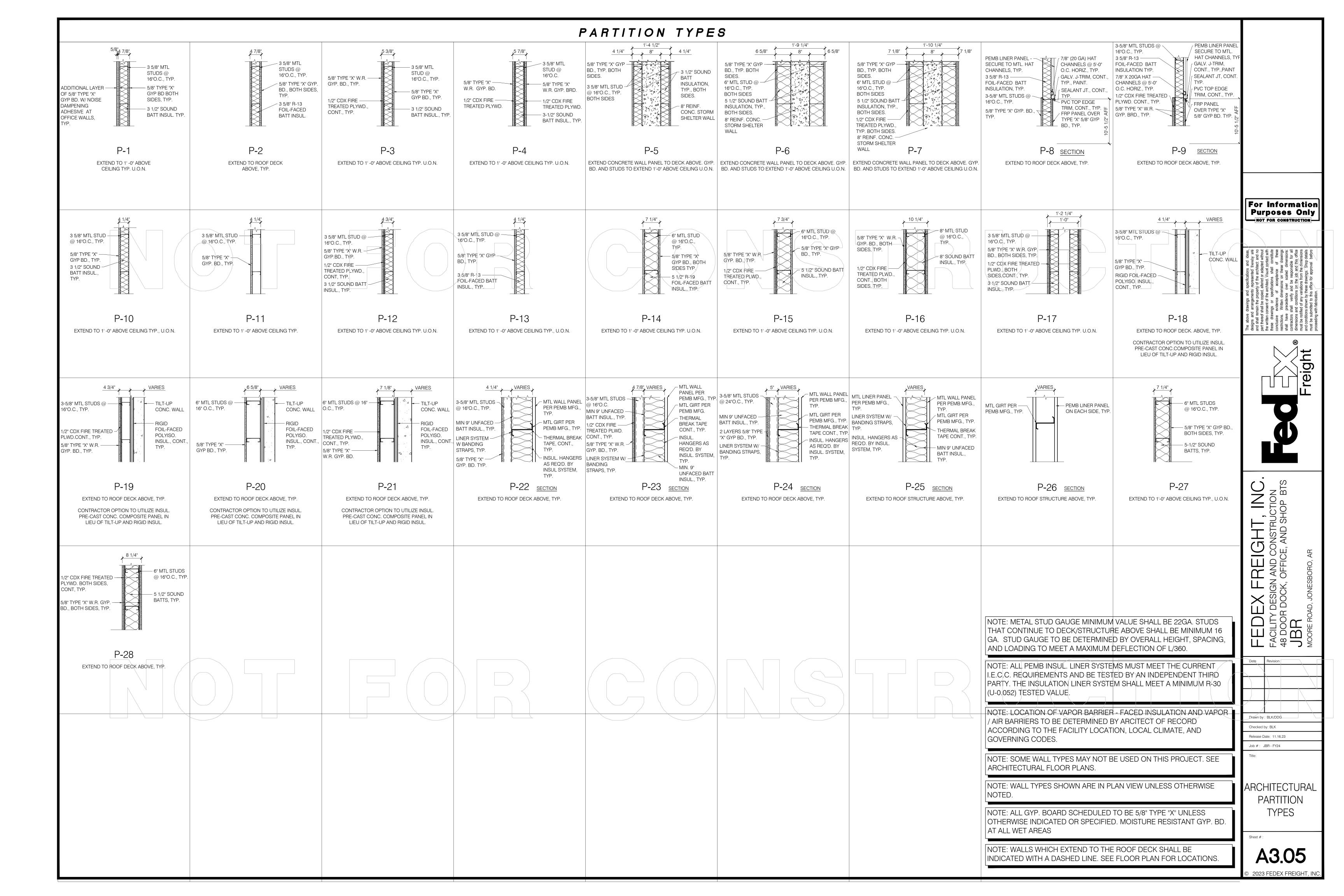
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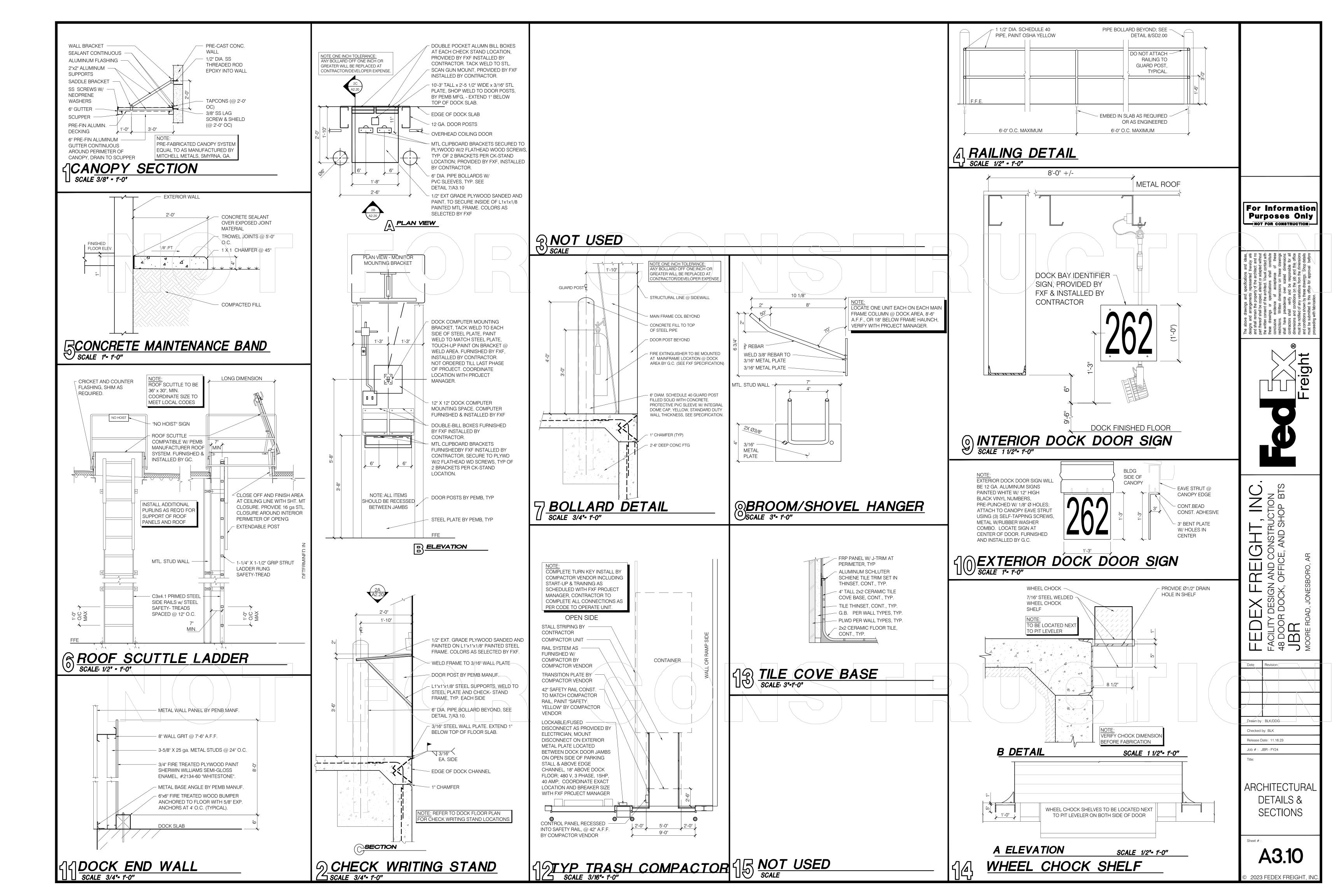
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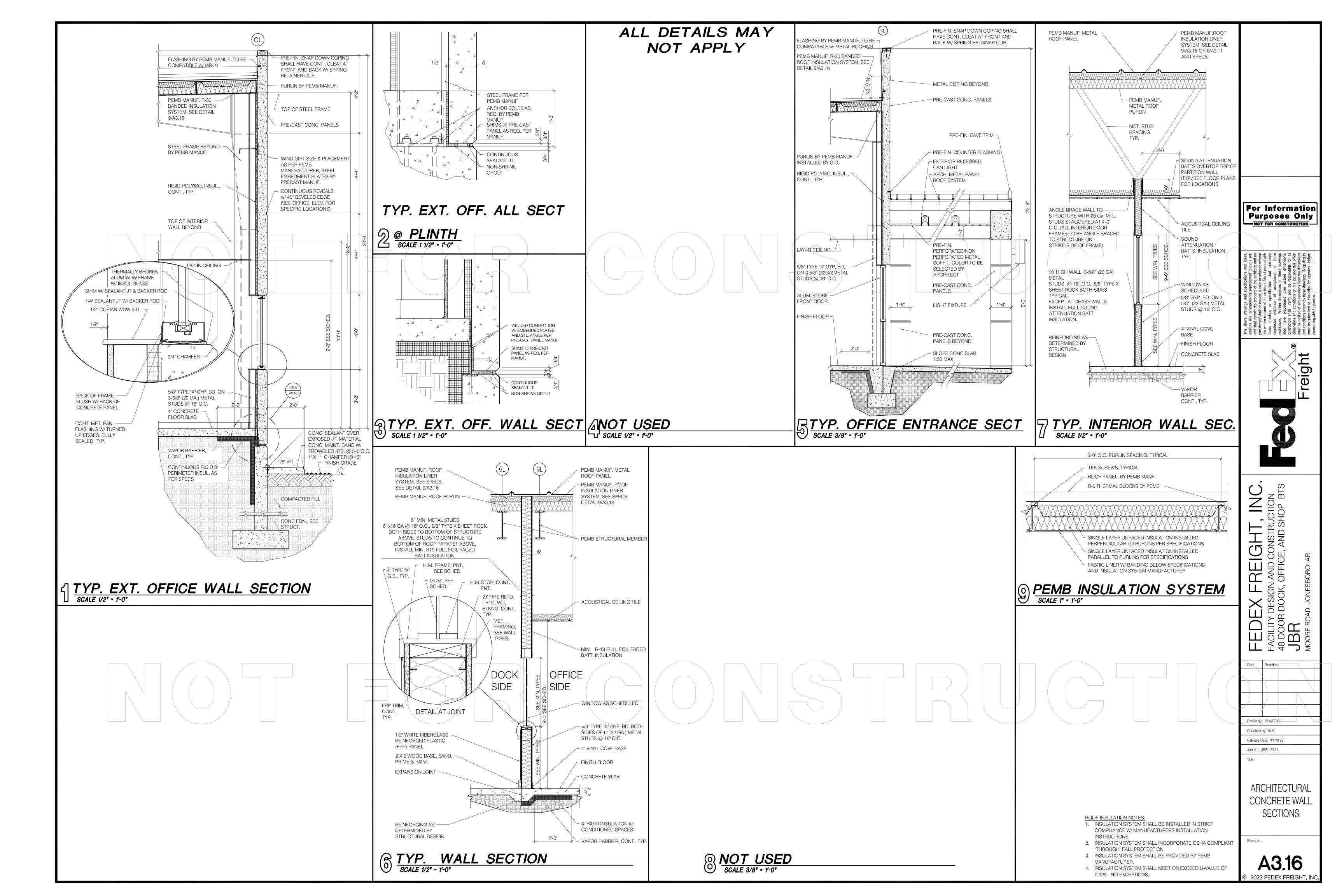
ARCHITECTURAL LEGEND, FINISH & INSTALL SCHEDULES

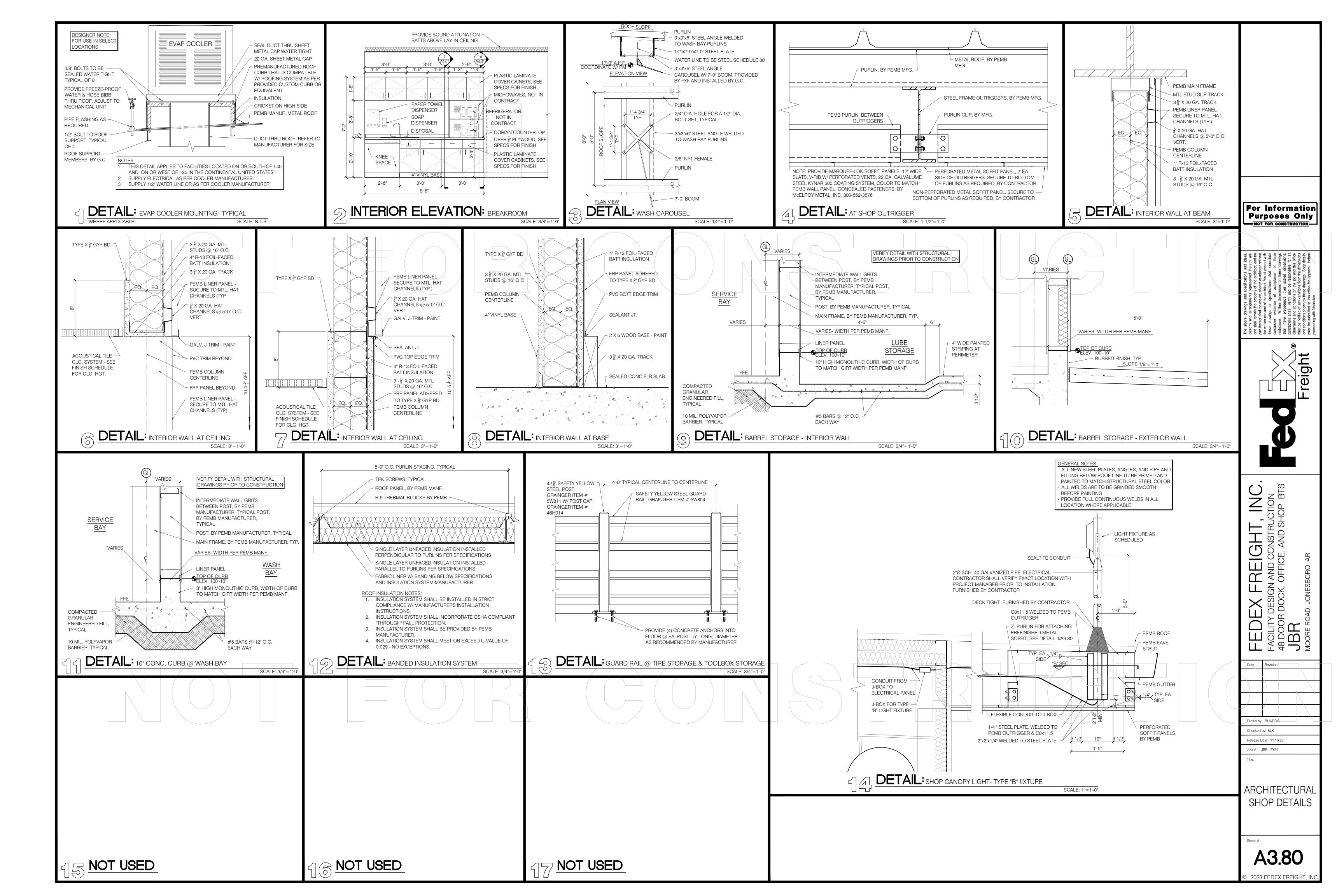
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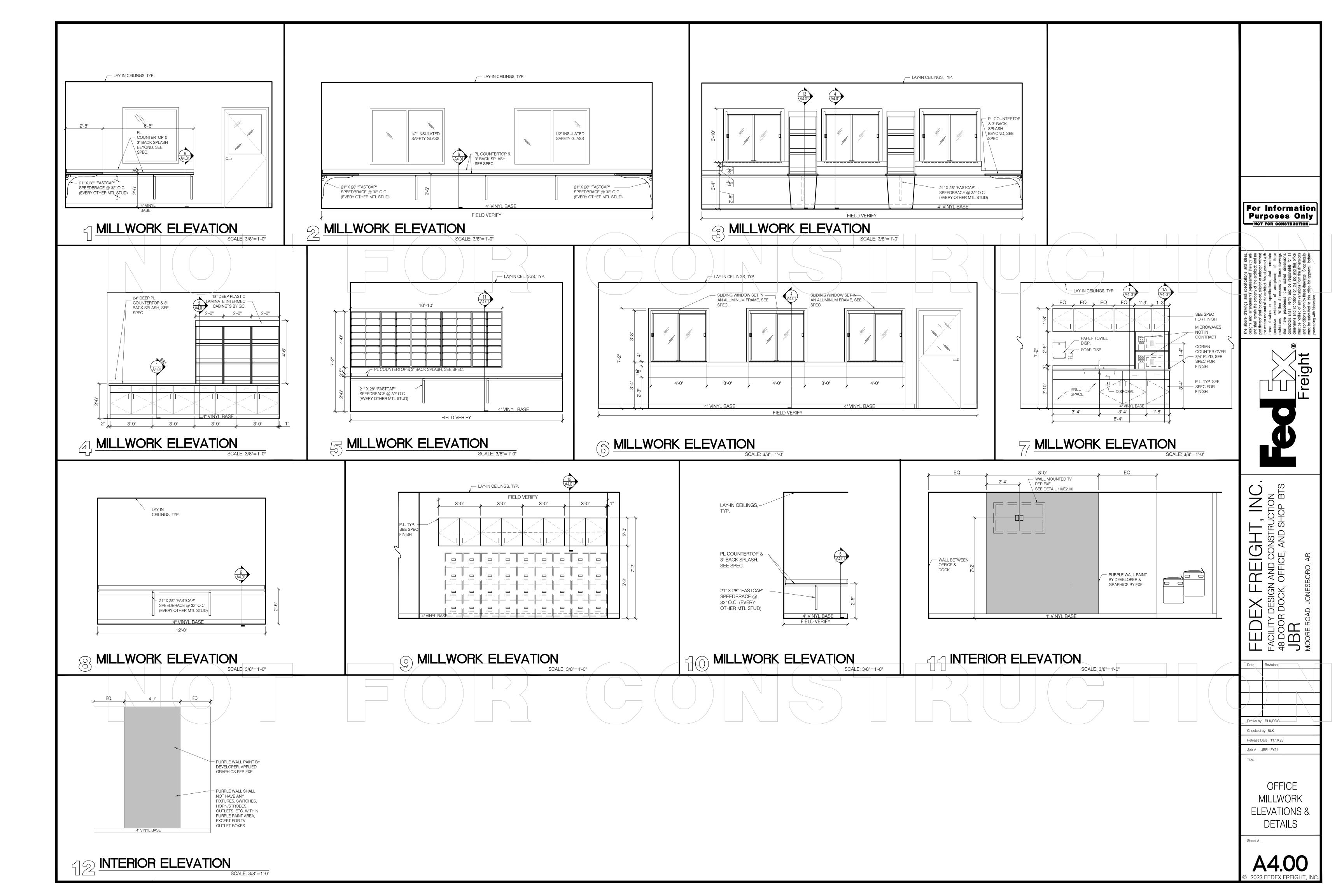
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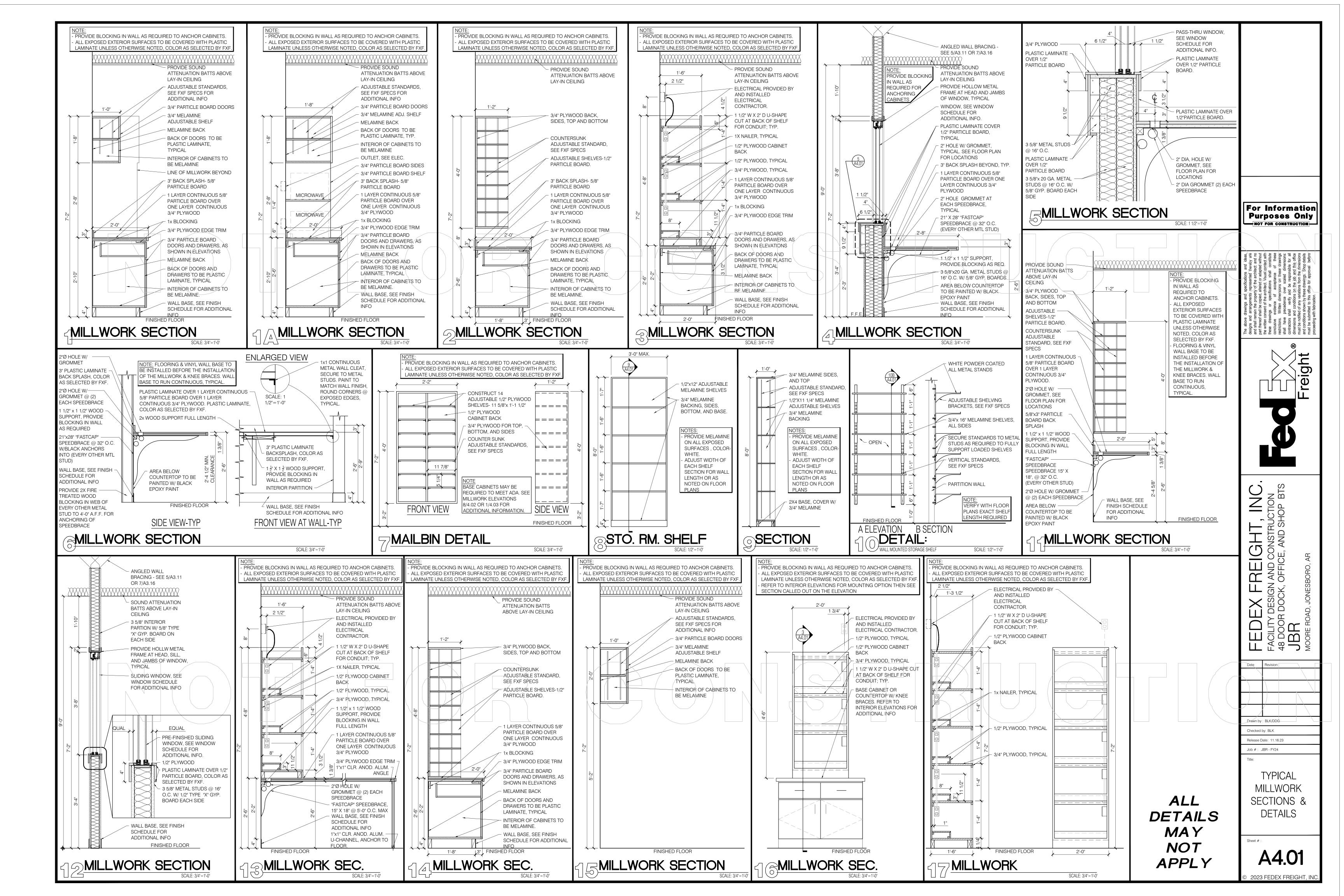


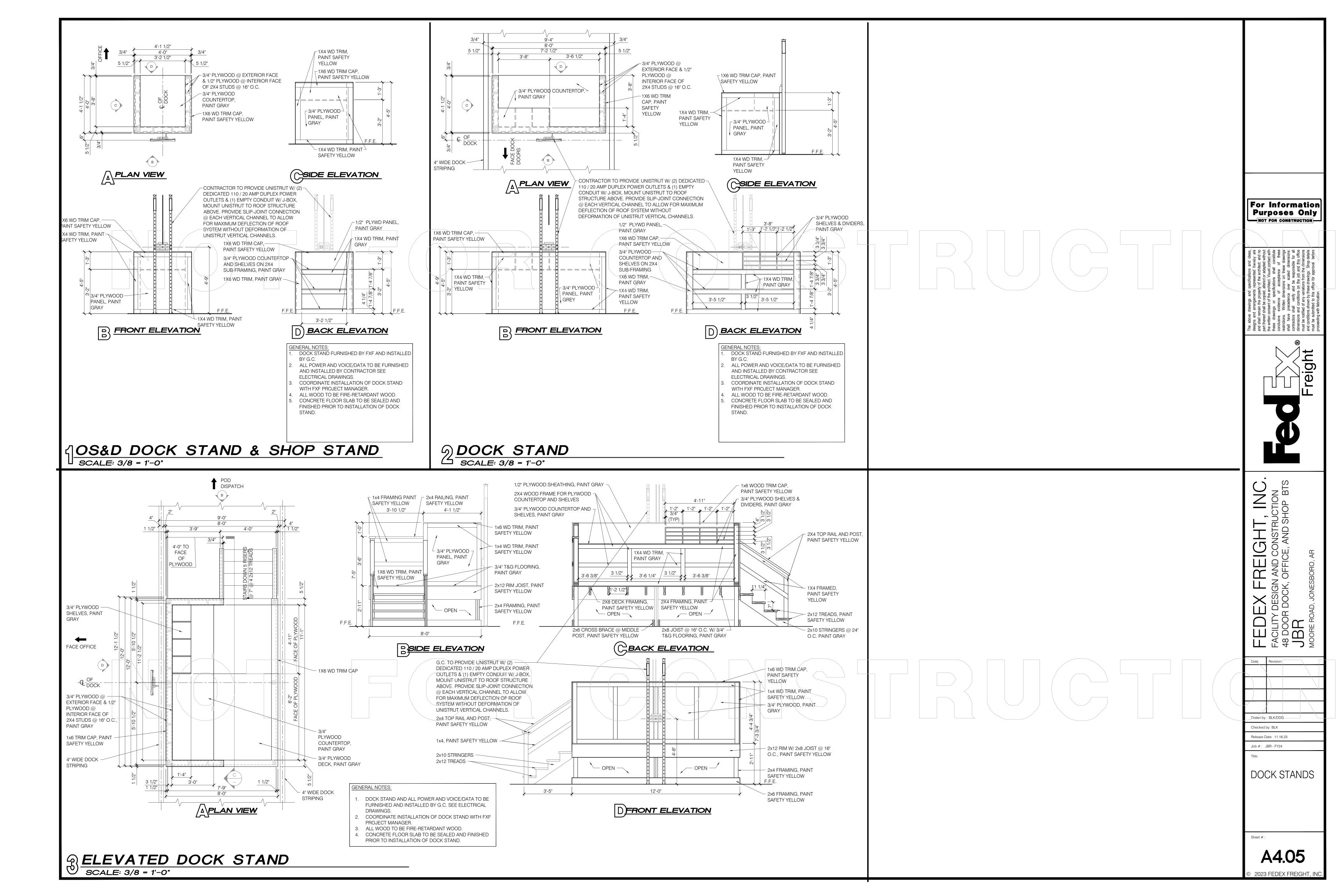


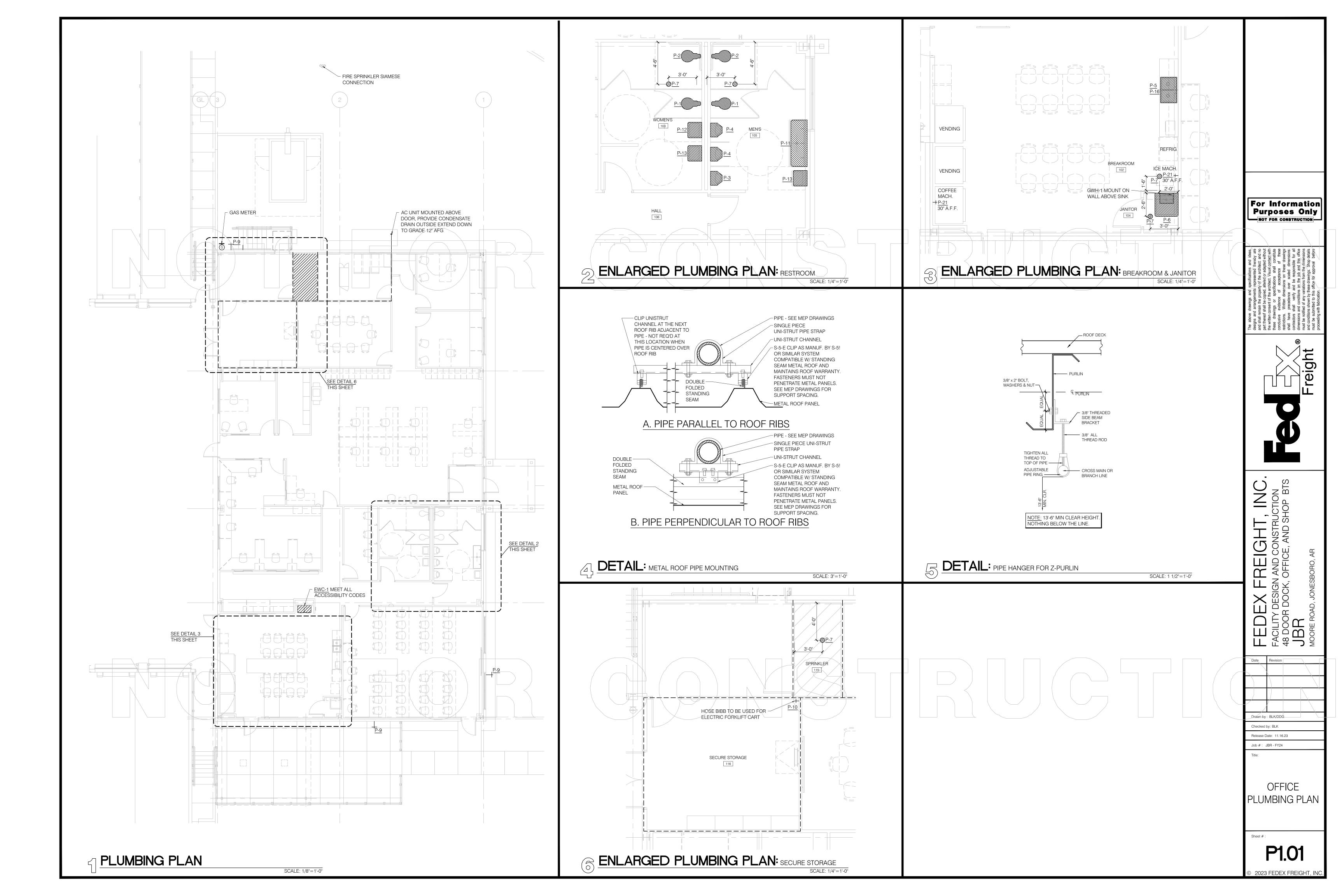


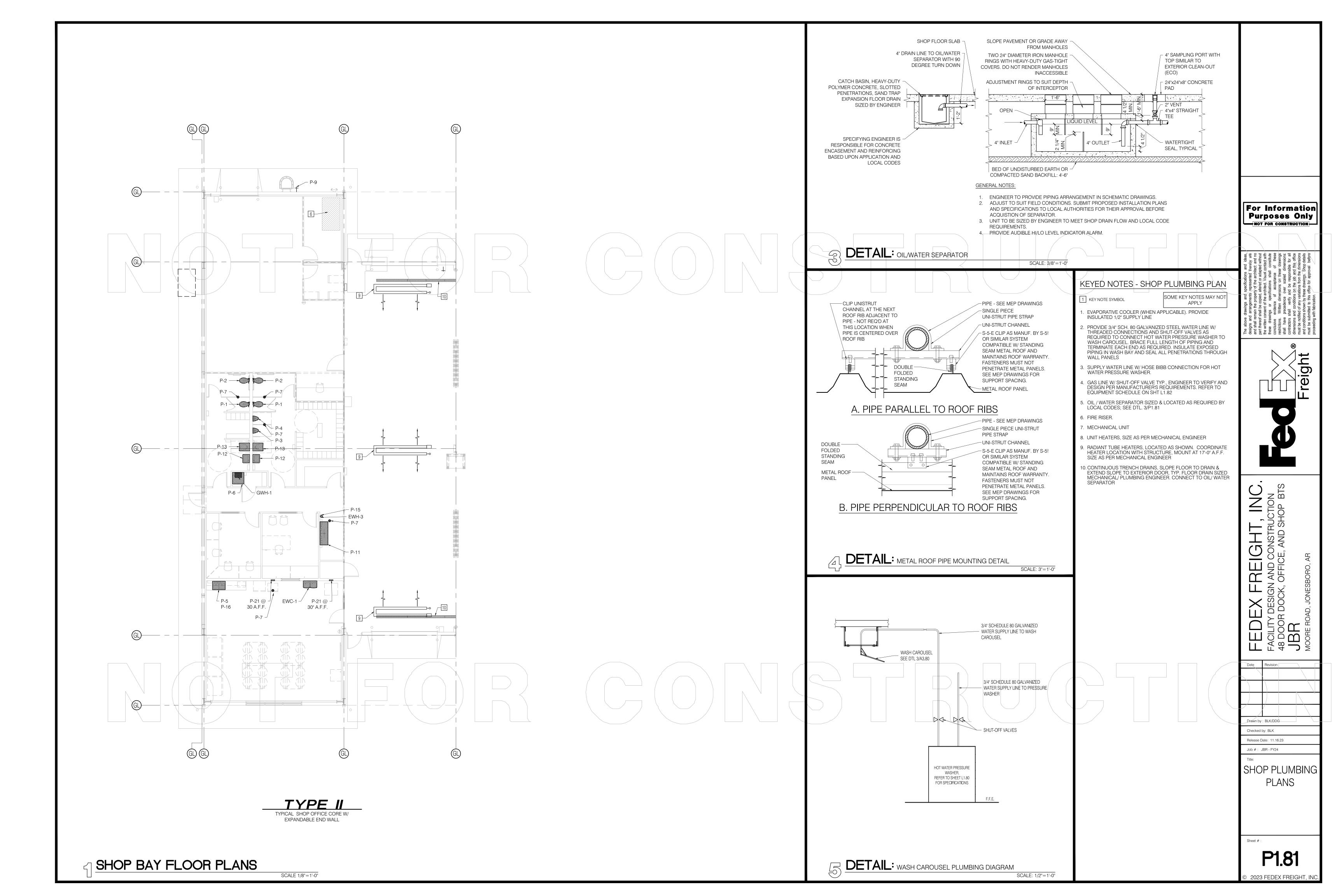


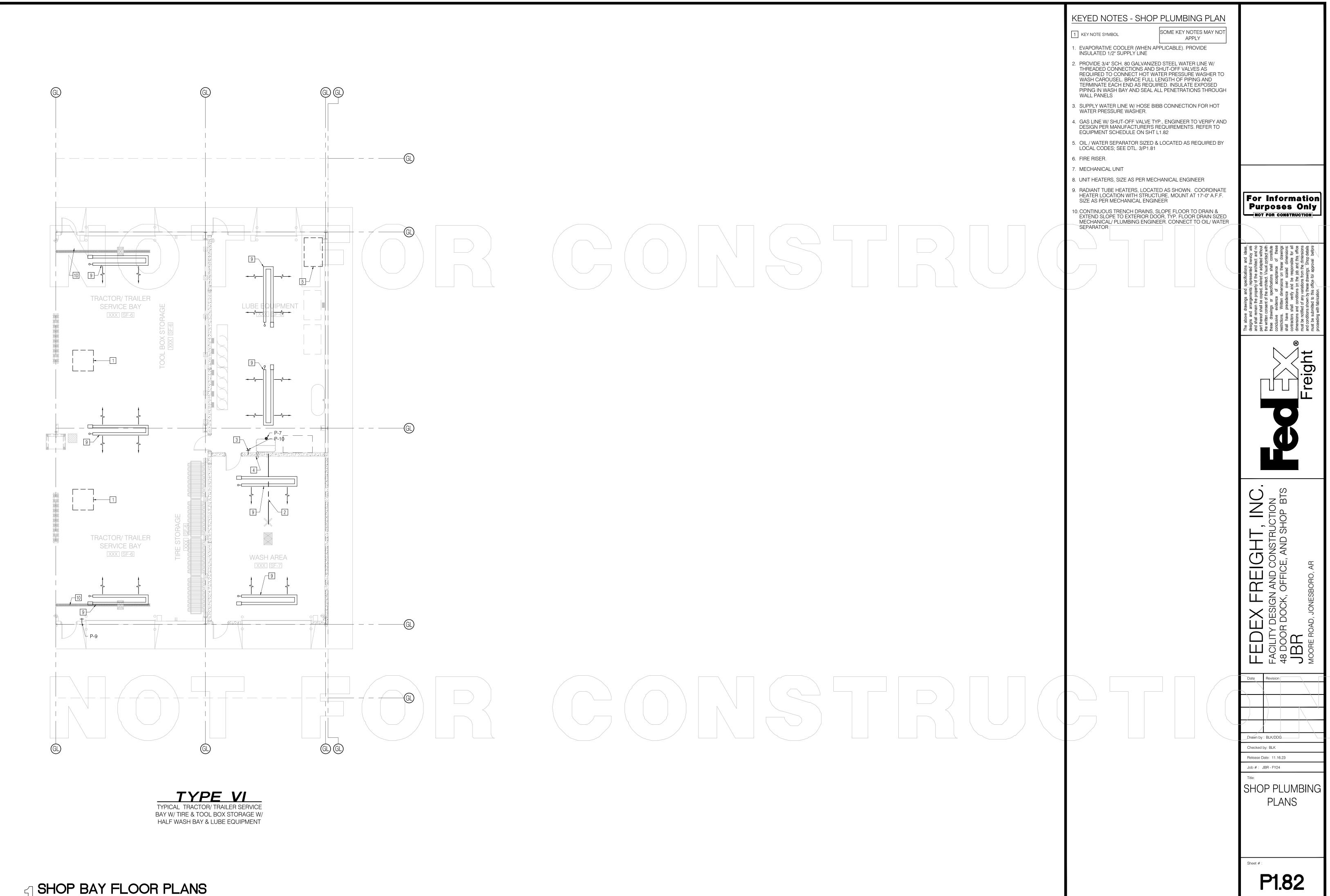






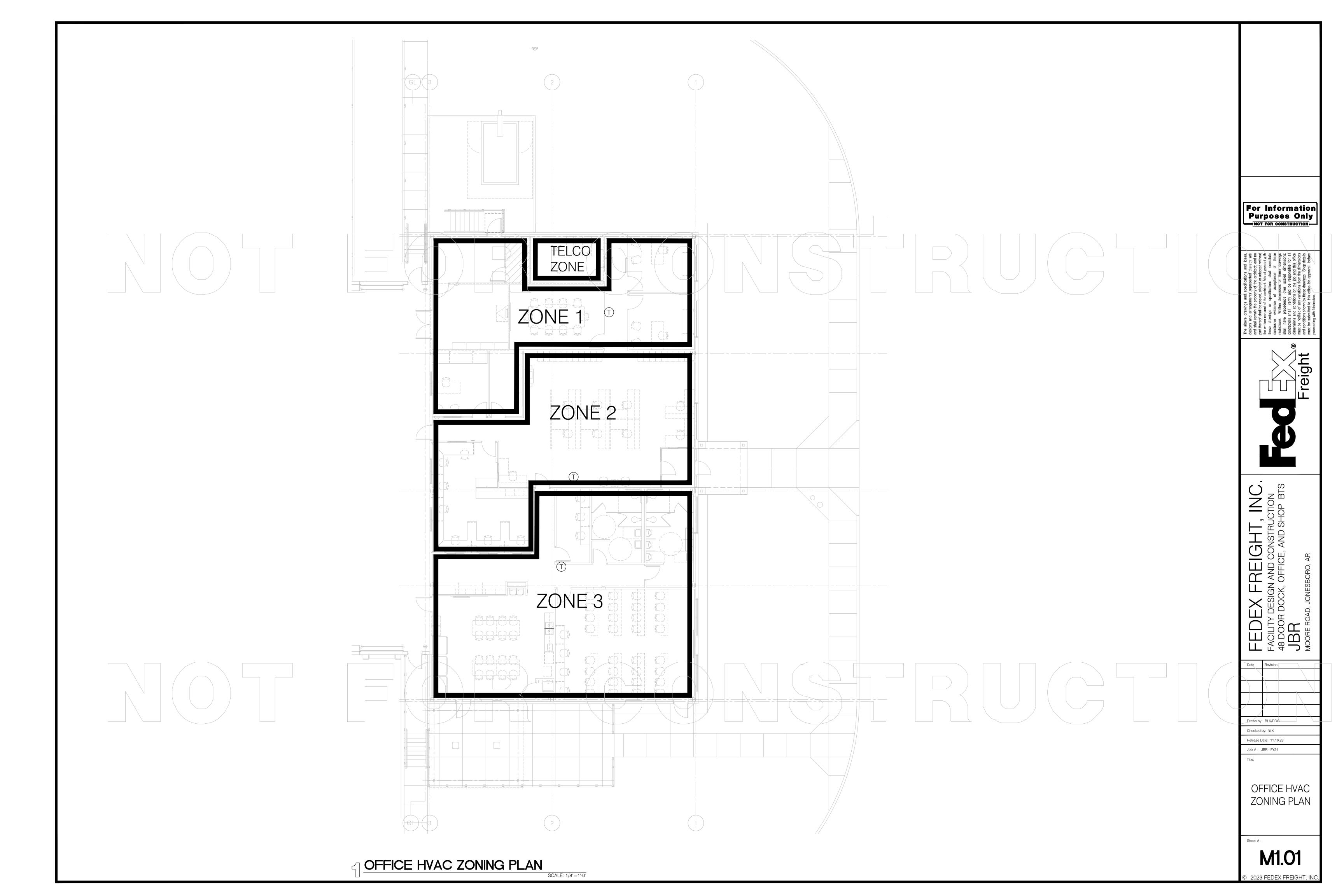






SCALE: 1/8"=1'-0"

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TANKLESS SEMI-INSTANTANEOUS GAS WATER HEATERS RECOVERY WATER ROUGH-IN EXPANSION TANK FLUE SIZE/ ELECTRICAL LEAVING WATER TEMP. FROM BOILER ACCESSORIES REMARKS INPUT GPM RISE COMB SIZE DATA MFR. & MDL. HOT COLD MFR. & MDL. MOUNT HEATER ON WALL. ROVIDE T & P RELIEF VALVE. EXTEND FLUE AND 120°F 199,900 5.7 67°F 3"/3" 120V / 1Ø / 2A AMTROL, ST-5C PROVIDE PLUMB EASY VALVE SET, 3" CONCENTRIC VENT KIT OMBUSTION AIR PIPING TO CONCENTRIC VENT ON ROOF. NPF-240S

ELEC. WATER HEATER

MARK	STOR.		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		BTUH INPUT		RECOVERY		RECOVERY		RECOVERY		ELECT. AMPS	MFR. & MDL.	REMARKS
IVIALITY	CAPGAL.	KW	VOLTS	Ø	GPM	RISE	LLLOT, AIVIF 3	IVII II. Q IVIDL.	neiwan/3																																								
EWH-2	TANKLESS	3.5	120	1	0.5	48° F		EEMAX 1. ACCUMIX MT004120T 2.	TO BE MOUNTED UNDER THE SINK IN FLEET MAINTENANCE BAY RESTROOM, AND SET WATER HEATER TEMP AT 105°F. PROVIDE T&P RELIEF VALVE AND EXTRA REPLACEABLE FILTER FOR INLET CONNECTOR.																																								
EWH-3	TANKLESS	8.3	208	3	3.2	34.2° F	·	EEMAX 1. EX160T2 EE, SERIES TWO 2.	USED AT SHOP EYE WASH STATIONS, AND SET WATER HEATER TEMP AT 90°F MAX. PROVIDE T&P RELIEF VALVE AND EXTRA REPLACEABLE FILTER FOR INLET CONNECTOR.																																								

				PLUM	BING FIXTU	JRES				
MARK	DESCRIPTION	MFR & MDL. *	ACCESSORIES	FAUCET & FITTINGS	STOPS	TRAP	WASTE		TER	REMARKS
P-1	WATER CLOSET	KOHLER WELLCOMME #K-96053-0	KOHLER K-4670-SC-0 ELONGATED SEAT	SLOAN "ROYAL" 111-1.28 HET FLUSH VALVE	INTEGRAL	INTEGRAL	3"		1"	WHITE VITREOUS CHINA
P-2	WATER CLOSET- A.D.A.	KOHLER HIGHCLIFF #K-96057-0	KOHLER K-4670-SC-0 ELONGATED SEAT	SLOAN "ROYAL" 111-1.28 HET FLUSH VALVE	INTEGRAL	INTEGRAL	3"		1"	VERIFY A.D.A. INSTALLATION REQUIREMENTS & INSTALL W.C. ACCORDINGLY. LOCATE FLUSH VALVE LEVER ON 'OPEN SIDE' OF FIXTURE.
P-3	URINAL - A.D.A.	KOHLER BARDON #K-4991-ET-0	WADE #W-400-AM11 WALL HANGER	SLOAN "ROYAL" 186-0.125 DBP FLUSH VALVE	INTEGRAL	INTEGRAL	2"	<u> </u>	3/4"	VERIFY A.D.A. INSTALLATION REQUIREMENTS & INSTALL W.C. ACCORDINGLY. MODEL # MAY DIFFER FOR LEFT OR RIGHT HANDLE INSTALLATION.
P-4	URINAL	KOHLER BARDON #K-499 -ET-0	WADE #W-400-AM11 WALL HANGER	SLOAN "ROYAL" 186-0.125 DBP FLUSH VALVE	INTEGRAL	INTEGRAL	2"		3/4"	WHITE VITREOUS CHINA
P-5	2-COMP. HC SINK S.S.	JUST LTC-ADA-2133-A-GR-3-R-MOD	JUST #J-35 STRAINERS	JUST #J-1174KS SWIVEL W/ AERATOR	McGUIRE #113C21G17	McGUIRE #8912C-F	1 1/2"	1/2"	1/2"	21"x33" LEDGE TYPE, 18GA 304 STAINLESS, LEFT BOWL 4-1/2", RIGHT BOWL 7-1/2", ADA COMPLIANT
P-6	JAN. SINK	STERN-WILLIAMS #SB-900	STERN-WILLIAMS V-70 VINYL BUMPER	STERN-WILLIAMS T-15-V8 & #T-35 HOSE & WALL HOOK	INTEGRAL	C.I.	3"	3/4"	3/4"	FLOOR MOUNTED W/ VACUUM BREAKER, HOSE CONNECTION, HOSE AND BRACKET
P-7	FLOOR DRAIN - SQUARE 3"	WADE #1103G6				C.I.	3"		1/2"	PROVIDE TRAP PRIMER. DRAIN TO BE FLOOR LEVEL, DO NOT RECESS
P-8	FLOOR DRAIN - MECH. ROOM	WADE #W-1103-ER7				C.I.	3"		1/2"	INSTALL DRAIN w/RIM FLUSH WITH FIN. FLR. PROVIDE TRAP PRIMER
P-9	HOSE BIBB (FREEZEPROOF)	WOODFORD #B67	VACUUM BREAKER, BACKFLOW PREVENTER						3/4"	
P-10	HOSE BIBB	WOODFORD #26	VACUUM BREAKER, BACKFLOW PREVENTER						3/4"	INTERIOR HOSE BIBBS TO BE PLACED AT 12" A.F.F. UNLESS OTHERWISE NOTED. PROVIDE WATER PURIFICATION DEVICE FOR FORKLIFT CHARGERS AS NOTED ON OFFICE PLANS & SHOPE
P-11	HANDWASH SINK	SAN-LAV #56FF				C.I.	2"	3/4"	3/4"	HAND OPERATED, GOOSENECK FAUCET W/4" WRIST BLADE HANDLES, STRAINER W/ BASKET
P-12	LAVATORY - WALL HUNG	KOHLER KINGSTON #K-2005-0	KOHLER K-7129 A-CP PERFORATED GRID STRAINER. WADE #520 HANGER	KOHLER K-400T70-5ANA-CP	McGUIRE #H-170	McGUIRE #8872	1 1/4"	1/2"	1/2"	PROVIDE COMPATIBLE CHAIR CARRIER
P-13	LAVATORY - WALL HUNG - A.D.A.	KOHLER KINGSTON #K-2005-0	KOHLER K-7129 A-CP PERFORATED GRID STRAINER. WADE #520 HANGER	KOHLER K-400T70-5ANA-CP	McGUIRE #H-170	McGUIRE #8872	1 1/4"	1/2"	1/2"	INSULATE TRAP, DRAIN AND SUPPLIES W/ BROCAR TRAP WRAP GOOSENECK SPOUT W/ WRIST BLADE HANDLE (A.D.A.), PROVIDE COMPATIBLE CHAIR CARRIER
P-14	SHOP SINK	JUST #NSFB-124	JUST #J-35 STRAINER	JUST #JS-48-TA1		McGUIRE #H-170	1 1/4"	1/2"	1/2"	
P-15	EYEWASH STATION	BRADLEY #S19-210				C.I.	1 1/4"		1/2"	
P-16	GARBAGE DISPOSER	GENERAL ELECTRIC #GFC530F					1 1/2"			1/2 HP, 4.5 AVG. AMP. LOAD, 115v/1Ø, PIGTAIL ELECTRICAL CONNECTION; DISHWASHER INLET.
P-17									_	
P-18	SHOWER UNIT	MUSTEE #140 36"x36"-STANDARD	STANDARD DOOR #45.700	AMERICAN STANDARD- SINGLE CONTROL SHOWER FITTING#T495.501		C.I.	2"	3/4"	3/4"	
P-19	LAVATORY - SELF RIMMING	KOHLER #K-2907		KOHLER K-15592	McGUIRE #H-170	McGUIRE #8872	1 1/4"	1/2"	1/2"	
P-20									_	
P-21	ICE MAKER OUTLET BOX	SIOUX CHIEF 696-1000MFPK4	W/ HAMMER ARRESTERS						1/2"	
EWC-1	ELECTRIC WATER COOLER	OASIS #PG8EBFSL W/ BOTTLE FILLER			McGUIRE #H-170	McGUIRE #8872	1 1/4"		1/2"	GREYSTONE POWDER COAT FINISH, MEET ALL ACCESSIBILITY CODES

PROVIDE SCHEDULED MANUFACTURER OR APPROVED EQUAL.

* MV = MULTI-VOLT, MT = MULTI-TAP, EIS = ELECTRIC INSTANT START, USEB = ULTRA-START ELECTRONIC BALLAST

IGHT	FIXTI	IRF	SCH	1EDI	Ш	

						LIC	JHT FIXTUR	15 0	CHEDULE
MARK	DESCRIPTION	MANUFACTURER AND MODEL NO.	BALLAST TYPE	LAMP TYPE	VOLTAGE	MOUNTING TYPE	GENERAL NOTES	MARK	COMMENTS
Α	DOCK	LITHONIA- IBG 15000LM SEF AFL WD 277 GZ10 40K 80CRI HA CS11W LAPTU DWH	USE W/ PARALLEL OPERATION	LED SUPPLIED W/ FIXTURE	MV	SURFACE MOUNT TO BOTTOM OF PURLIN BY METHOD APPROVED BY LIGHTING MANUFACTURER	4, 5, 11,14, 16-17	А	
В	DOCK & SHOP CANOPY	LITHONIA- DSXF3LED 8 A530/50K WFL MVOLT IS DNAXD	MV	LED SUPPLIED W/ FIXTURE	MV	INTEGRAL SLIPFITTER, SEE DETAIL 2/E2.00	3	В	
С	LOAD LIGHT	HUBBELL- DOK-6LU5K-SP-C6 (APPROVED MFG.)	120 V	LED SUPPLIED W/ FIXTURE	MV	PENDANT MOUNTED	3, 4, 21	С	LED LOAD LIGHT AT DOCK DOOR LOCATIONS SEE DETAIL ON SHEET E2.00 (apm - APPROVED MANUFACTURER); 5 - YEAR WARRANTY
D	CAN LIGHT	LITHONIA- EVO 40/20 8AR MD LD 120 EZ10	DIMMING	LED SUPPLIED W/ FIXTURE	MV	NON HAZARDOUS CANOPY MOUNT		D	DIMMER CONTROL AT SELECT LOCATIONS
E1	FUEL CANOPY	SCNY LED P1 50K FPFL MVOLT DWHXD	MV	LED SUPPLIED W/ FIXTURE	MV	WALL/ CEILING		E1	SENSOR FACTORY PROGRAMMED TO DIM 10% AFTER 5 INACTIVITY & TO SWITCH OFF WITH SUFFICIENT DAYLIGHT, LED LAMPS INCLUDED
EX	EXIT	LITHONIA- LE S W 1/2 R EL N	N/A	1.5W LED	120/277	WALL MOUNTED		EX	PROVIDE W/ 1 OR 2 FACES AS REQUIRED
F	EXT WALL PACK	LITHONIA- TWH LED 20C 1000 50K T3M MVOLT DNAXD	MV	LED SUPPLIED W/ FIXTURE	MV	WALL MOUNTED		F	
F1	EXT WALL PACK	LITHONIA- CSXW LED 30B530K/50K FT MVOLT DNAXD	MV	LED SUPPLIED W/ FIXTURE	MV	2x4 LAY-IN		F1	
G	2X4 LIGHT	LITHONIA- 2RTL4 40L EZ1 LP840	MV	LED SUPPLIED W/ FIXTURE	MV	2x4 LAY-IN		G	
Н	2X4 LIGHT	LITHONIA- 2BLT4 48L ADP EZ1 LP841	MV	LED SUPPLIED W/ FIXTURE	MV	2x4 LAY-IN	4	Н	
J	1X4 STRIP	LITHONIA- ZL1D 5000LM FST MVOLT 40K	MV	LED SUPPLIED W/ FIXTURE	MV	SURFACE MOUNTED OR CABLE HUNG		J	
J2	1X2 STRIP	LITHONIA- ZL1D 3500LM FST MVOLT 40K	MV	LED SUPPLIED W/ FIXTURE	MV	SURFACE MOUNTED OR CABLE HUNG		J2	
K	2X2 LIGHT	LITHONIA- 2RTL2 40L EZ1 LP840	MV	LED SUPPLIED W/ FIXTURE	MV	2x2 LAY-IN		К	
L	EXT MINI-WALL PACK	LITHONIA- WST LED 1 10A700/40K SR2 (VOLTAGE) PE PIR DNAXD	MV	LED SUPPLIED W/ FIXTURE	MV	WALL MOUNTED		L	SPECIFY VOLTAGE FOR FIXTURE
М	EXT DOWN LT	LITHONIA- DSXW1 LED 20C 530 50K T3M MVOLT DNAXD	MV	LED SUPPLIED W/ FIXTURE	MV	WALL MOUNTED		М	
N	SHOP INTERIOR	LITHONIA- IBG 15000LM SEF AFL WD 277 GZ10 40K 80CRI HA CS11W DWH	MV	LED SUPPLIED W/ FIXTURE	MV	LITHONIA FIX. TO BE PENDANT MOUNTED	4, 5, 16, 23	N	SPACING TO MOUNTING HEIGHT RATIO 1.24 TO 1.63 (NO MOTION SENSORS)
Р	FLAG POLE	LITHONIA- M9710C A LED P4 40K MVOLT NSP FLC10 34B DNA	MT	LED SUPPLIED W/ FIXTURE	MV	IN GRADE		Р	LOCATED AT BASE OF FLAGPOLE
Q	SHOP CANOPY	LITHONIA- VAP 6000LM FST WD MVOLT GZ10 40K 80CRI	MV	LED SUPPLIED W/ FIXTURE	MV	SURFACE MOUNTED	24	Q	FIXTURE TO BE CONNECTED THRU EXTERIOR PHOTOCELL; VAPOR STYLE FIXTURE
R	OFFICE DN LIGHTS	LITHONIA- EVO 40/20 8AR MD LD 120 EZ10	MV	LED SUPPLIED W/ FIXTURE	MV	RECESSED	T /	R	
W	WASH BAY	LITHONIA- FHE 15000LM ACL MD MVOLT GZ10 40K	MV	LED SUPPLIED W/ FIXTURE	MV	4 POINT TOGGLE HUNG LATCH W/ SPEED LINK	8	W	
Y1	EMERG - DOCK, SHOP BAYS	LITHONIA- EU2 LED M12	N/A	LED SUPPLIED W/ FIXTURE	120/277	WALL MOUNTED	-	Y1	DI-FORMED STEEL EMERGENCY UNIT W/ MOUNTING SHELF, BATTERY BACK-UP
Y2	EMERG - ALL OFFICES, PODS	LITHONIA- ELM2 LED SD	N/A	LED SUPPLIED W/ FIXTURE	120/277	WALL MOUNTED		Y2	THERMOPLASTIC EMERGENCY UNIT W/ BATTERY BACK-UP
Z	STAIR WALL WASHER 1X4	LITHONIA- WL4 30L EZ1 LP840	MV	LED SUPPLIED W/ FIXTURE	MV	RECESSED		Z	MOUNT IN CEILING 3 FEET FROM FACE OF WALL
AA	WALL WASH DN LIGHT	LITHONIA- LDN6 30/30 LW6 AR LS MVOLT	MV	LED SUPPLIED W/ FIXTURE	MV	RECESSED CAN		AA	WALL WASHER, DIMMER CONTROL
BB	TRACK LIGHTING	LITHONIA- TC 40 WH/ TA18	MV	1-Q250W PAR38	MV	SURFACE MOUNTED	18	BB	TRACK LIGHTING, ADJUSTABLE HEAD FOR DIRECTIONAL LIGHTING
CC	WASH BAY	LITHONIA- VAP 6000LM FST WD 120 GZ10 40K 80CRI MSI10NWL	MV	LED SUPPLIED W/ FIXTURE	MV	WALL MOUNTED		СС	MOUNT 10'-0" A.F.F.
CCEM	PAINT BOOTH	LDPI 380 T5HO 2L 2 UNV 4401 4209 EM	EIS	F54T5HO 5000K	MV	WALL/ CEILING	18	CCEM	CLASS 1 DIVSION 1 BATTERY TO BE FIELD WIRED ON UN-SWITCH CIRCUIT
DD	PARABOLIC 2X4	LITHONIA- 2PMO G B 3 32 27LS MVOLT GEB10 LP841	EIS	3- F32T8 LAMP 41K	MV	2x4 LAY-IN	18	DD	LAMP(S) INCLUDED; PARABOLIC LOUVER
EE	2X2 PARABOLIC	LITHONIA- 2PM4 G B 2 U316 9LS MVOLT GEB10 LP841	EIS	2- U316 - U BEND 41K	MV	2x2 LAY-IN	18	EE	LAMP(S) INCLUDED; PARABOLIC LOUVER
1	PARKING ZERO CUTOFF	LITHONIA- DSX0 LED 40C 1000 50K T3M MVOLT DNAXD	MV	LED SUPPLIED W/ FIXTURE	MV	POLE MOUNTED	19, 20	1	VERTICAL CUTOFF TENON MOUNT SHOEBOX
2	SECURITY LIGHTING	LITHONIA- DSXF3 LED 8 A520 50K WFL MVOLT IS DNAXD (2 PER POLE)	MV	LED SUPPLIED W/ FIXTURE	MV	POLE MOUNTED	19, 20	2	FLOODLIGHT W/ FULL VISOR (2 PER POLE); LITHONIA RTS 35' DNA POLE DESIGNED FOR FIXT/ACCESORY, EPA & LOCAL WIND LOAD; ROUND TAPERED STEEL POLE TOP MOUNT; (BULB TYPE MAY BE DETERMINED BY LOCAL JURISDICTION DUE TO NIGHT SKY CONDITIONS)
-DARK	SECURITY LIGHTING	LITHONIA- DSX2 LED 80C 1000 50K TFTMRPA MVOLT DNAXK (2 PER POLE)	MV	LED SUPPLIED W/ FIXTURE	MV	POLE MOUNTED	19, 20	2-DARK	USE LITHONIA RTS 35' DNA POLE DESIGNED FOR FIXTURE/ACCESSORY AND EPA AND LOCAL WIND LOAD; (BULB TYPE MAY BE DETERMINED BY LOCAL JURISDICTION DUE TO NIGHT SKY CONDITIONS)
3	SECURITY LIGHTING	LITHONIA- DSXF3 LED 8 A520 50K WFL MVOLT IS DNAXD (3 PER POLE)	MV	LED SUPPLIED W/ FIXTURE	MV	POLE MOUNTED	19, 20	3	USE LITHONIA RTS 35' DNA POLE DESIGNED FOR FIXTURE/ACCESSORY AND EPA AND LOCAL WIND LOAD; (BULB TYPE MAY BE DETERMINED BY LOCAL JURISDICTION DUE TO NIGHT SKY CONDITIONS)
-DARK	SECURITY LIGHTING	LITHONIA- DSX2 LED 80C 1000 50K TRW MVOLT RPA DNAXD (3 PER POLE)	MV	LED SUPPLIED W/ FIXTURE	MV	POLE MOUNTED	19, 20	3-DARK	USE LITHONIA RTS 35' DNA POLE DESIGNED FOR FIXTURE/ACCESSORY AND EPA AND LOCAL WIND LOAD; (BULB TYPE MAY BE DETERMINED BY LOCAL JURISDICTION DUE TO NIGHT SKY CONDITIONS)
4	LANDSCAPE LIGHTING	LITHONIA- DSX1 LED 60C 1000 50K T4M MVOLT DNAXD	MV	LED SUPPLIED W/ FIXTURE	MV	POLE MOUNTED		4	PROVIDE MOUNTING BRACKET, POLE & ACCESSORIES

GENERAL NOTES FOR LIGHT FIXTURE SCHEDULE

- PROVIDE POWER HOOK WITH LOOP TYPE HANGER.
- 2. REFERENCE ARCHITECTURAL ELEVATIONS.
- 3. REFERENCE ELECTRICAL DETAILS FOR MOUNTING.
- 4. NO SUBSTITUTIONS OR EXCEPTIONS FOR INDICATED FIXTURES.
- PROVIDE THE FOLLOWING NUMBER OF FIXTURES PER EACH BAY 60' TO 70' WIDE DOCKS - 3 FIXTURES PER BAY. 80' WIDE DOCKS - 3 FIXTURES PER BAY. 90' TO 100' WIDE DOCKS - 4 FIXTURES PER BAY
- ACCEPTABLE ALTERNATE MANUFACTURERS ARE COOPER, HUBBELL, H.E. WILLIAMS AND HOLOPHANE.
- . PANEL SIGN WITH WORDING "TO EXIT".
- 8. NOT USED
- 9. NOT USED
- 10. NOT USED
- 11. FIXTURE SHALL BE FURNISHED WITH 8'-0" CORD AND TWIST LOCK PLUG. ELECTRICAL CONTRACTOR SHALL PROVIDE APPROPRIATE OUTLET AT EACH LOCATION.
- 12. NOT USED
- 13. NOT USED.
- 14. FIXTURES TO BE SURFACE MOUNTED PARALLEL TO METAL ROOF PURLINS; SPACING FOR 80' WIDE DOCK SHALL NOT EXCEED 13' ON-CENTER FROM EACH EAVE STRUT & 27' ON-CENTER FOR REMAINING FIXTURES FOR 80' WIDE DOCK.
- 15. NOT U\$ED
- 16. SUSTAINED AVERAGE FOOT-CANDLES REQUIRED AT FLOOR LEVEL SHALL BE: 20 FC @ DOCK WITH VARIED MOUNTING HEIGHT, 40 FC @ SHOP WITH 17'-0" MOUNTING
- 7. PROVIDE PASSIVE INFRARED DAYLIGHT SENSOR AT EACH FIXTURE, AS MANUFACTURED BY SENSORSWITCH, MODEL "LSXR" FOR LOW TEMPERATURE/HIGH HUMIDITY AREAS.
- 18. ALL LAMPS NOT INCLUDED WITH FIXTURE SHALL BE PROVIDED BY CONTRACTOR.
- 19. PROVIDE CHARGE DISSIPATION TERMINAL (CDT) FOR LIGHTING PROTECTION, MOUNTED AT THE TOP OF EACH POLE. SEE YARD LIGHTING SPEC.
- 20. PROVIDE SURGE PROTECTIVE DEVICE (SPD) IN NEMA 4 ENCLOSURE WITH GROUNDING KIT AT EACH POLE. SEE YARD LIGHTING SPEC.
- 21. FIXTURE TO BE PROVIDED W/ CORD BY MFG. PLUG & RECEPTACLE TO BE PROVIDED & INSTALLED BY CONTRACTOR.
- 22. NOT USED
- 23. LITHONIA FIXTURE TO BE MOUNTED W/ 3/4" RIGID CONDUIT AND SWIVEL MOUNT ATTACHED TO STRUCTURE
- 24. NOT USED

LIGHT FIXTURE MANUFACTURER

INFORMATION
TYPE: C (2 APPROVED)
ENERGY FOCUS INC.
32000 AURORA RD.
SOLON, OH 44139
PHONE: 216-470-2207
ATTN: JIM PORACH
EMAIL: JPORACH@ENERGYFOCUS.COM NOTE:
ALLOW MINIMUM 3 WEEKS DELIVERY TIME
ALLOW WINNINGWO WEEKO DELIVERT TIME
LITHONIA NATIONAL REPRESENTATIVE
ACUITY BRANDS LIGHTING INC.
ONE LITHONIA WAY
CONYERS, GA 30012
TELEPHONE: 770-860-3062
CELL: 770-355-0938
ATTN: MARK WOLLENHAUPT
HUBBELL LIGHTING NATIONAL REPRESENTATIVE

HUBBELL LIGHTING INC. ONE LITHONIA WAY

CELL: 612-598-8044

CELM: ATTN: JEFF TAYLOR

EMAIL: JCTAYLOR@HUBBELL.COM

ELECTRICAL SYMBOL LEGEND

(A) LAY-IN FLUORESCENT LIGHT FIXTURE LAY-IN FLUOR LIGHT FIX NIGHT LIGHT ⊢(A) → FLUORESCENT FIXTURE ⊢(A)_{NL}I FLUORESCENT FIXTURE NIGHT LIGHT

LIGHT FIXTURE (A)— WALL BRACKET

EXIT LIGHT (SINGLE FACE, DOUBLE FACE)

EMERGENCY BATTERY BACK UP UNIT W/ MOUNTING SHELF

SINGLE POLE SWITCH 48" A.F.F.

DOUBLE POLE SWITCH 48" A.F.F.

3-WAY SWITCH 48" A.F.F.

4-WAY SWITCH 48" A.F.F. INTERCOM CALL SWITCH 48" A.F.F.

DIMMER SWITCH 48" A.F.F.

VOLUME CONTROL SWITCH 48" A.F.F.

SINGLE RECEPTACLE 18" A.F.F. (U.O.N.)

DUPLEX RECEPTACLE 18" A.F.F. (U.O.N.)

RECEPTACLE - DEDICATED CIRCUIT

RECEPTACLE ON EMERGENCY POWER

DUPLEX RECEPTACLE ON EMERGENCY POWER (RED DEVICE) DUPLEX INSTALLED ABOVE COUNTER (VARIES)

DUPLEX INSTALLED HORIZONTALLY ABOVE COUNTER VARIES

SPECIAL OUTLET (AMP\$ NO.) QUADRA-PLEX RECEPTACLE 18" A.F.F. (U.O.N.)

QUADRA-PLEX INSTALLED ABOVE COUNTER (VARIES) QUADRA-PLEX RECEPTACLE, INDEPENDENT GROUND

> FLOOR RECEPTACLE PHOTO ELECTRIC CONTROL SENSOR

TIME CLOCK CONTROLLER

 \rightarrow SIMPLEX, TWIST LOCK

277v TWIST LOCK

FLOOR MOUNTED JUNCTION BOX CEILING MOUNTED JUNCTION BOX

◆ PP UTILITY POWER POLE

SERVICE POLE MOTOR CONNECTION (NO. DENOTES HP)

DISCONNECT SWITCH (RATING, POLES, FUSE)

CONTACTOR

MOTOR STARTER

COMBINATION STARTER-DISCONNECT

Т TRANSFORMER

PANELBOARDS DISTRIBUTION BOARD

FLOOR TELEPHONE OUTLET OR SPECIAL CONNECTION

V1 NUMBER OF VOICE JACKS +18" A.F.F. U.N.O.

₩V1/D1 VOICE/DATA OUTLET NUMBER +18" A.F.F. U.N.O. V1 NUMBER OF VOICE JACKS +36" A.F.F.

D1 DATA OUTLET NUMBER +36" A.F.F.

D1-H DATA OUTLET NUMBER +36" A.F.F. MOUNTED

HORIZONTALLY ₩V1/D1 VOICE/DATA OUTLET NUMBER +36" A.F.F.

WIRELESS ACCESS POINT

WIRELESS AIR DEFENSE

SPEAKER CABLE TV OUTLET

INTERCOM MASTER PROVIDE RJ45 OUTLET

INTERCOM

SMOKE DETECTOR

HEAT DETECTOR FIRE ALARM MANUAL STATION

SMOKE DAMPER

DUCT DETECTOR

FIRE DAMPER

OCCUPANCY SENSOR

DOOR HOLDER

FIRE ALARM CHIME/STROBE

FIRE ALARM AUDIBLE/VISUAL DEVICE

FIRE ALARM STROBE LIGHT

FIRE ALARM BELL/STROBE

 \bigcirc B FIRE ALARM BELL

KEY SWITCH DOOR SWITCH

FLOW SWITCH

TAMPER SWITCH FIRE ALARM SPEAKER

> FIRE ALARM HORN PHONE - SYSTEM SPEAKER

CONDUIT CONCEALED IN WALLS / ABOVE CEILINGS — — CONDUIT CONCEALED IN OR UNDER FLOORS

CONDUIT HOMERUN (ARROW = # OF CKTS)

——E— ESSENTIAL EQUIPMENT POWER GROUND FAULT INTERRUPTING

NON-FUSIBLE

NON-SWITCHED VFD VARIABLE FREQUENCY DRIVE UNIT

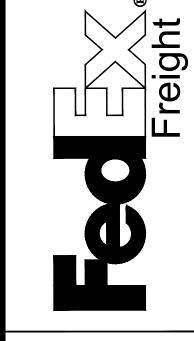
WEATHERPROOF DEVICE ••••• SURFACE PLUGMOLD STRIP WEATHERHEAD

ACCESS POINT

Purposes Only

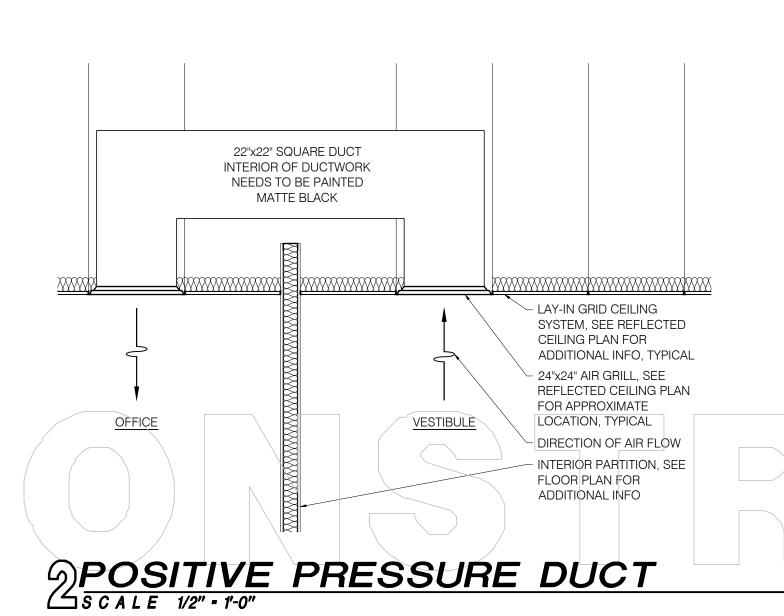
For Information

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ELECTRICAL & PLUMBING SCHEDULES





1'-10 1/2" SOLATUBE DOME -- SOLATUBE BOTTOM 0-45° ANGLE ADAPTER TUBE ROOF CURB AS APPROVED -BY PEMB MFG; PROVIDED BY CONTRACTOR. METAL ROOF PANELS -ON PEMB PURLINS - BRACING BETWEEN PURLINS SOLATUBE EXTENSION TUBE -FOR ROOF CURB MOUNTING TO BE PROVIDED PEMB

SOLATUBE BOTTOM 0-45° ANGLE ADAPTER TUBE T- BAR FOR -SUSPENDED ACOUSTIC DIMENSIONS WITH CEILING SOLATUBE MFG.

SOLATUBE DETAIL
SCALE 3/4" - 1'-0"

SOLATUBE w/ 2x2 PRISMATIC DIFFUSER

LIGHTING GENERAL NOTES:

- 1. SHADED FIXTURES TO BE CONNECTED AS NIGHT LIGHTS TO REMAIN ON AT ALL TIMES.
- 2. EXIT LIGHTS TO BE CONNECTED TO LIFE SAFETY CIRCUITS.
- 3. EMERGENCY LIGHTS TO BE CONNECTED TO LIFE SAFETY
- 4. ALL OFFICES INCLUDING GENERAL OFFICE AREAS SHALL HAVE MOTION SENSING TYPE LIGHT SWITCHES EQUAL TO
- 5. PROVIDE EXIT/EMERGENCY LIGHTS AS REQUIRED BY AUTHORITY HAVING JURISDICTION.

- SOLATUBE w/ 2x2 PRISMATIC DIFFUSER

HUBBLE H-MOSS.

- SOLATUBE w/ 2x2 PRISMATIC DIFFUSER AND DAYLIGHT DIMMER

KEYED NOTES - OFFICE LIGHTING

1 KEY NOTE SYMBOL

SOME KEY NOTES MAY NOT

- 1. EXHAUST FAN @ ICE MACHINE
- HOMERUN TYPE "B" LIGHTING CIRCUITS VIA ELECTRICALLY OPERATED, ELECTRICALLY HELD CONTACTOR. INSTALLED ADJACENT TO PANEL AND CONTROLLED BY PHOTO CELL. TYPE "B" FIXTURE TO MOUNTED EVERY 46'-0" & CANOPY BEAM, START AT 1ST CANOPY BEAM FROM OFFICE AREA. (SEE DTL.
- . CONTACTORS TO BE CONTROLLED BY 3-POSITION, CENTER-OFF, MOMENTARY
- 4. LIGHT ROW ON DOCK INTERIOR, SPACED AT 25'-0" MAX. O.C.
- 5. TYPE "C" FIXTURES SHALL BE LOCATED ON 2ND ROOF PURLIN FROM SIDEWALL AND ON CENTERLINE OF ASSOCIATED OVERHEAD COILING DOOR, (SEE DTL. 3/E2.00), SPRINKLER HEADS NOT TO BE LOCATED CLOSER THAN 12" FROM
- 6. LIGHT ROW ON 3RD PURLIN FROM SIDE WALL, SPACED AT 15'-0" MAX. O.C.
- 7. EMERGENCY EXIT LIGHTS W/ BATTERY BACK UP AS REQUIRED BY LOCAL CODE AUTHORITIES

- 8. HOMERUN LIGHTING CIRCUITS TO A 3 POLE ELECTRICALLY OPERATED MECHANICALLY HELD CONTACTOR EQUAL TO SQUARE D CAT. NO. LXG30-V04
- 9. CONTACTORS TO BE CONTROLLED BY THEIR RESPECTIVE ADJACENT SWITCHES-20A-277V 3-POSITION, CENTER-OFF, MOMENTARY CONTACT DEVICES
- 10. 2x4 LIGHT FIXTURES (TYPICAL) SEE FXF SPECIFICATION MANUAL (SEE DTL 9/E2.00)
- 11. HANG FIXTURES W/ CHAIN AND FINAL CONNECT WITH FLEX IN FREIGHT AND ELECTRICAL ROOMS. AVOID PIPING CONDUIT, ETC
- 12. ROUTE EXTERIOR LIGHTS VIA CONTACTOR CONTROL BY PHOTOCELL
- 13. FLUSH MOUNTED PHOTOCELL FOR CONTROL OF EXTERIOR LIGHTING CONTACTOR
- 14. POSTIVE PRESSURE GRILLS AND DUCT, SEE DETAIL 2/E1.01 FOR ADDITIONAL INFO.
- 16. CEILING SPEAKER CONTRACTOR TO PROVIDE DIRECT RUNS OF WHITE CAT 5E CABLE WITH 5'-0" LOOP ABOVE CEILING GRID AT EACH LOCATION. G.C. WILL PROVIDE AND INSTALL SPEAKERS

15. CEILING FAN CONTACTORS (TERMINAL)

- 17. GROUND MOUNTED FLOOD LIGHT TYPE "P". ROUTE VIA EXTERIOR CONTACTOR CONTROLLED BY PHOTOCELL
- 18. EXHAUST GRILLE TO BE DUCTED TO EXHAUST FAN WITH ONE PENETRATION THROUGH ROOF, AND INTERLOCKED TO LIGHT SWITCHES IN EACH SPACE. EXHAUST FAN TO BE LOCATED ABOVE RESTROOMS.
- 19. FIXTURE SHALL BE FURNISHED WITH 8'-0" CORD AND TWIST LOCK PLUG. ELECTRICAL CONTRACTOR SHALL PROVIDE APPROPRIATE OUTLET AT EACH
- 20. TRIM OUT CEILING AROUND TUBE SYSTEM.
- 22. FANS TO BE MOUNTED BETWEEN 1ST AND 2ND PURLIN. J-BOX FOR NON-OSCILATING FANS. FANS FURNISHED AND INSTALLED BY CONTRACTOR, PATTERSON HIGH VELOCITY FAN WITH A STANDARD YOKE MOUNT. AT EACH FAN LOCATION, PROVIDE A L7-15P TWIST-LOCK RECEPTACLE. FANS TO BE SWITCHED VIA CONTRACTOR. AT 80' WIDE DOCK PROVIDE 1 (ONE) 22" FAN PER BAY & ALTERNATE SIDES. AT DOCKS GREATER THAN 80'IN WIDTH PROVIDE (2) 22" FANS PER BAY AT OPPOSITE SIDES.
- 23. 6" WIDE LINEAR METAL SOFFIT SYSTEM, SEE SPECS.
- 24. SOUND ATTENUATION BATTS (SAB) ABOVE CEILING AREA. SEE DTL 7/A3.11 OR 7/
- 25. FURR DOWN- MIN 2" BELOW SUSPENDED GRID CEILING.
- 26. FUTURE RFID PANEL PER FXF
- 27. SOLATUBE 750 DS-C WITH THE CLOSED CEILING DIFFUSER, SEE MFG. SPEC FOR ADDITIONAL INFO. SEE DETAIL 3/E1.01 FOR ADDITIONAL INFO. SOLATUBE DISTRIBUTOR & CERTIFIED INSTALLER: SUN WEST DISTRIBUTORS- LAINA HARRIS-
- PH. (760) 432-0729- EMAIL: SALES@SUNWESTDISTRIBUTORS.COM 28. SOLATUBE 750 DS-O WITH OPEN CEILING DIFFUSER, SEE MFG. SPEC FOR ADDITIONAL INFO. SEE DETAIL 3/E1.01 FOR ADDITIONAL INFO. SOLATUBE DISTRIBUTOR & CERTIFIED INSTALLER: SUN WEST DISTRIBUTORS- LAINA HARRIS-PH. (760) 432-0729- EMAIL: SALES@SUNWESTDISTRIBUTORS.COM
- 29. HATCH AREA INDICATES LIGHT FIXTURES TO HAVE SENSOR ADDED FOR DAYLIGHT HARVESTING; SET SENSOR TO 30 FC.
- 30. HORN AND STROBE TO BE MOUNTED AT HAUNCH WITH DOWNWARD DEFLECTOR. LOCATION AS REQUIRED BY LOCAL CODE.

- 31. EXHAUST FAN CONTROLLED BY THERMOSTAT IF TEMP. RISES ABOVE 80 DEG.
- CIRCUIT TO BE CODE COMPLIANT FOR EGRESS.
- 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.
- 32. CANOPY WITH FLUSH SOFFIT AND RECESSED LED LIGHTS BY FUEL CANOPY MANUFACTURER. LIGHTS SHALL INCLUDE BATTERY BACKUP OR EMERGENCY

Checked by: BLK

Drawn by : BLK/DDG

For Information

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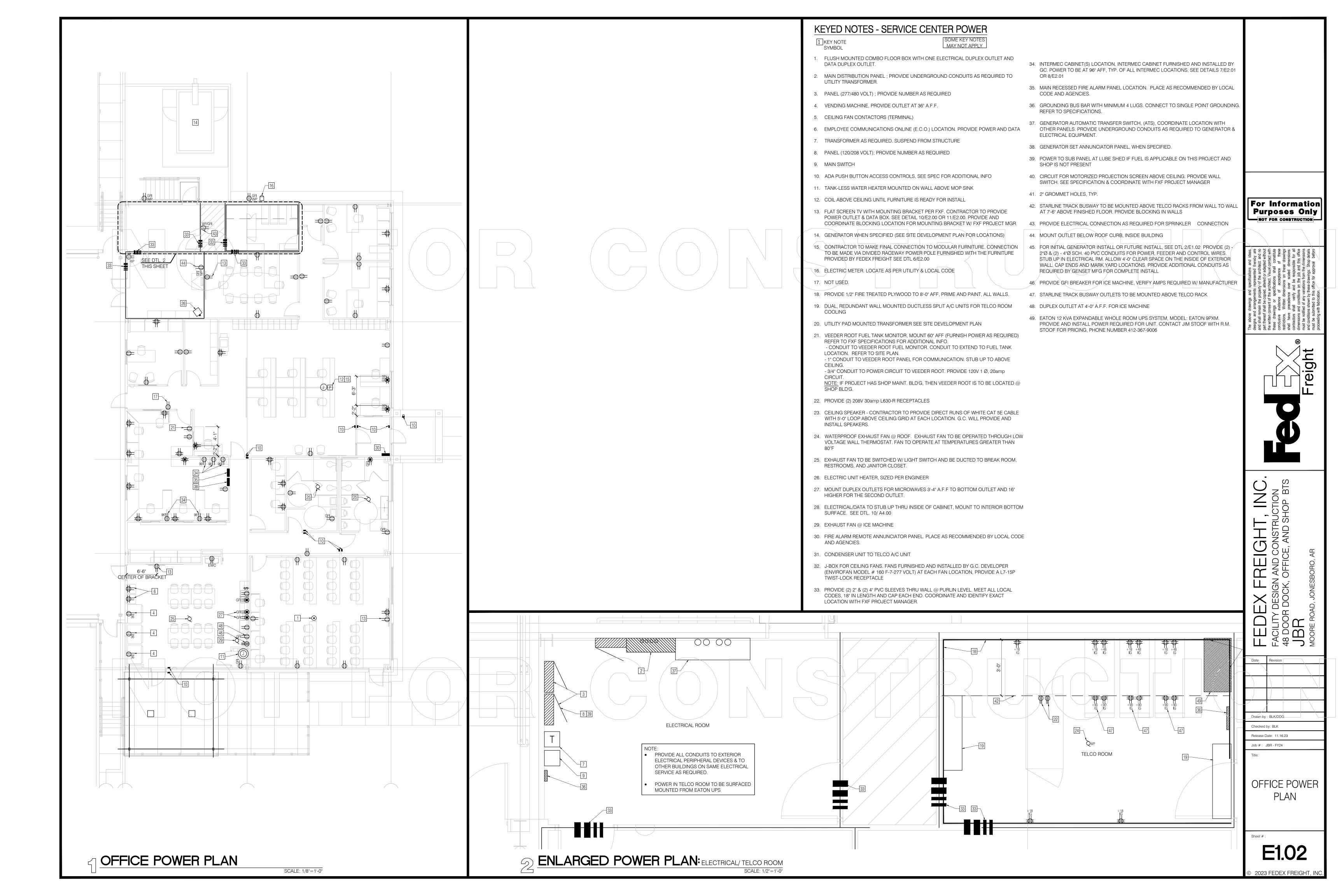
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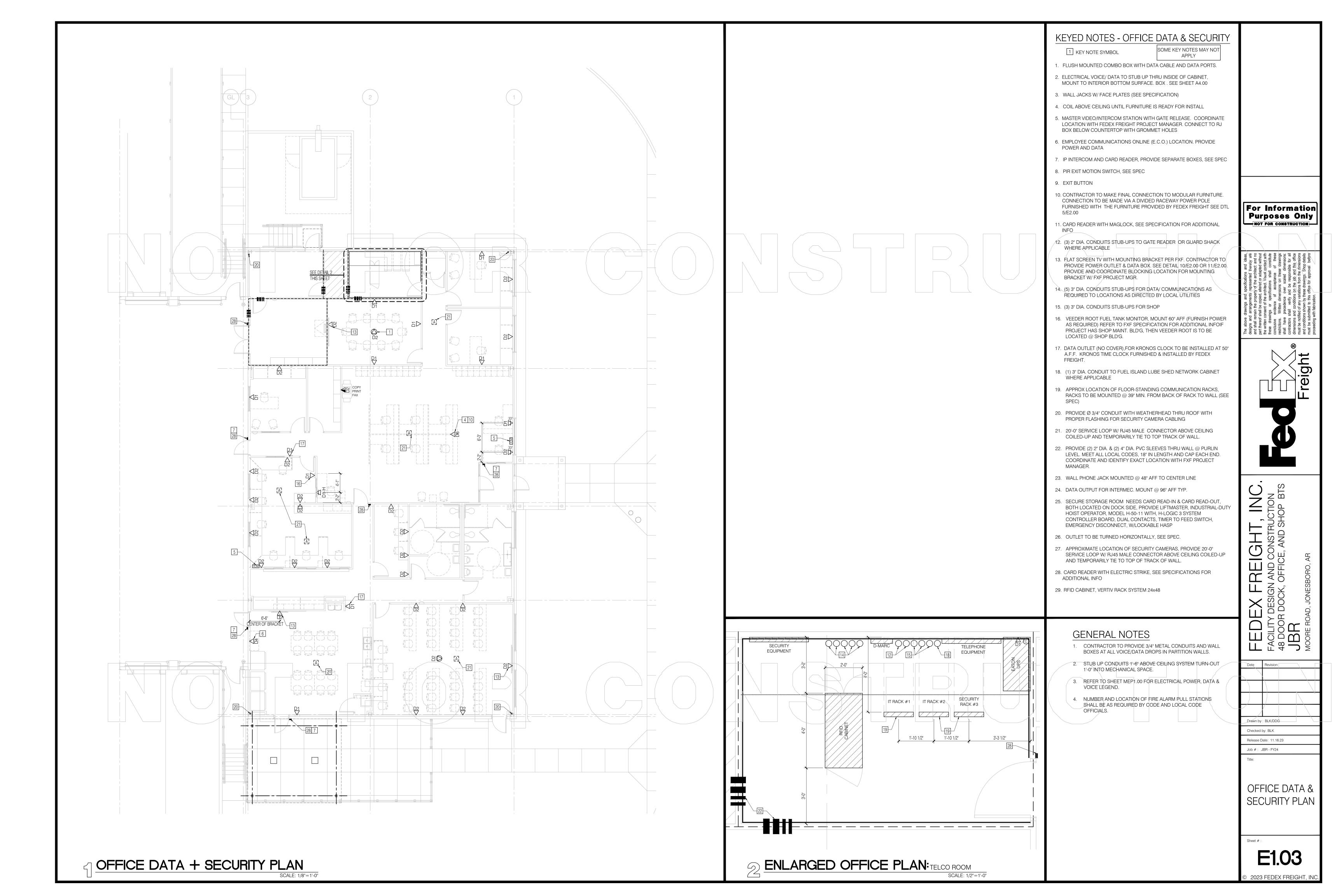
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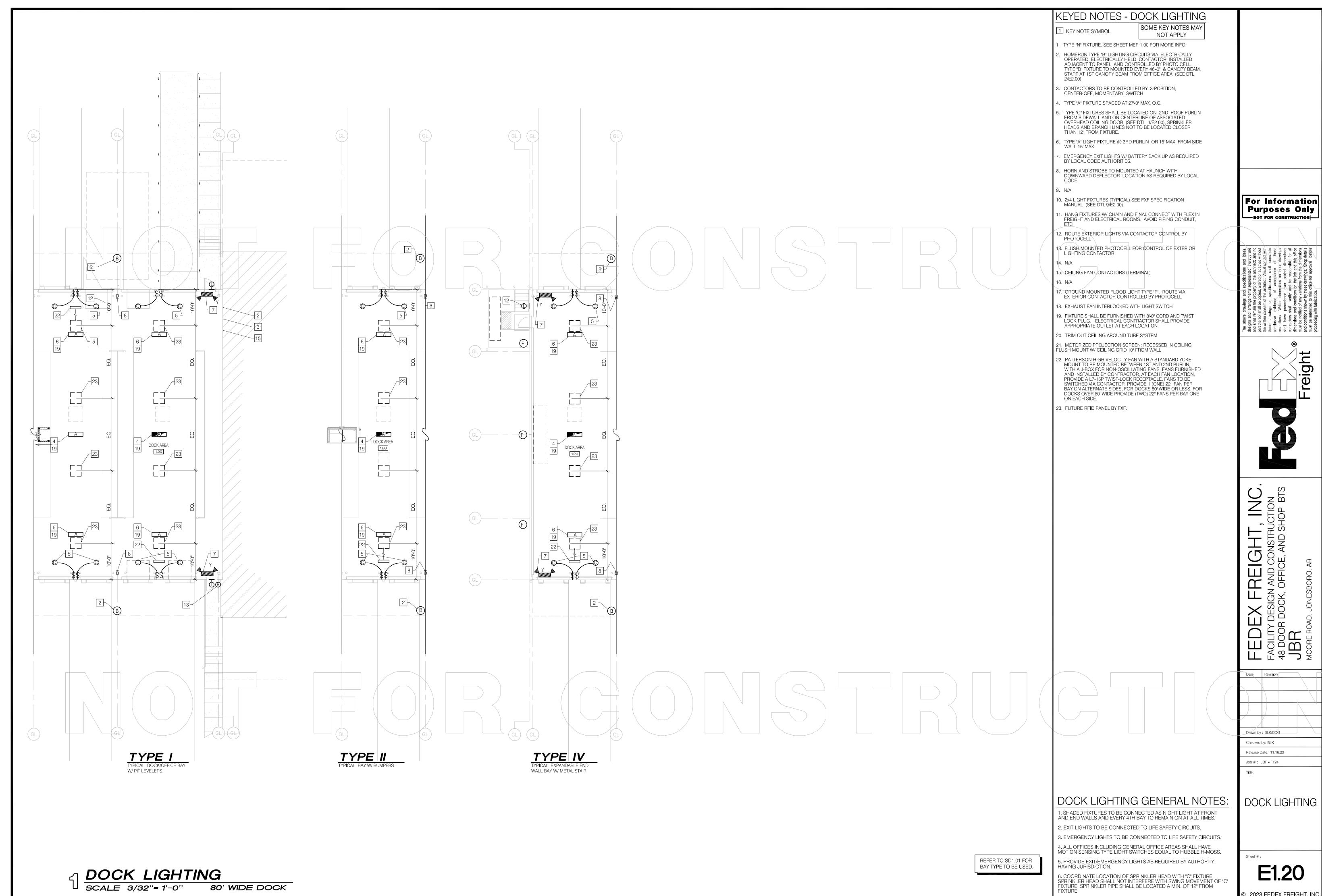
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OFFICE LIGHTING 8 REFLECTED **CEILING PLAN**

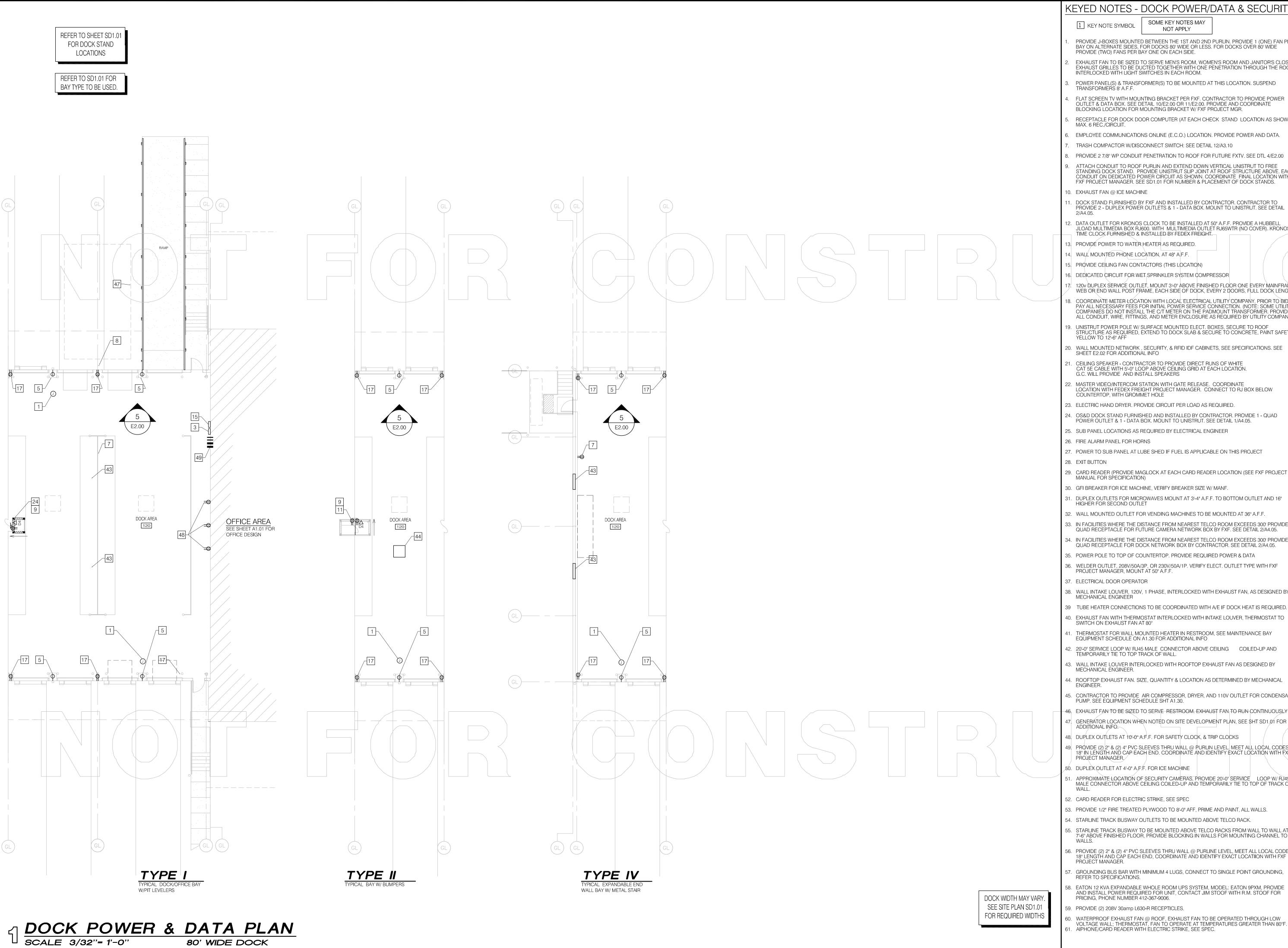
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KEYED NOTES - DOCK POWER/DATA & SECURITY

1 KEY NOTE SYMBOL

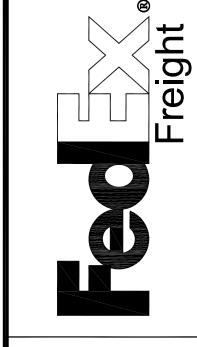
NOT APPLY

PROVIDE J-BOXES MOUNTED BETWEEN THE 1ST AND 2ND PURLIN. PROVIDE 1 (ONE) FAN PER BAY ON ALTERNATE SIDES, FOR DOCKS 80' WIDE OR LESS. FOR DOCKS OVER 80' WIDE PROVIDE (TWO) FANS PER BAY ONE ON EACH SIDE.

- 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.
- POWER PANEL(S) & TRANSFORMER(S) TO BE MOUNTED AT THIS LOCATION. SUSPEND TRANSFORMERS 8' A.F.F.
- FLAT SCREEN TV WITH MOUNTING BRACKET PER FXF. 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/ FXF PROJECT MGR.
- RECEPTACLE FOR DOCK DOOR COMPUTER (AT EACH CHECK STAND LOCATION AS SHOWN) MAX. 6 REC./CIRCUIT.
- EMPLOYEE COMMUNICATIONS ONLINE (E.C.O.) LOCATION. PROVIDE POWER AND DATA.
- TRASH COMPACTOR W/DISCONNECT SWITCH: SEE DETAIL 12/A3.10
- PROVIDE 2 7/8" WP CONDUIT PENETRATION TO ROOF FOR FUTURE FXTV. SEE DTL 4/E2.00 ATTACH CONDUIT TO ROOF PURLIN 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
-). EXHAUST FAN @ ICE MACHINE
- DOCK STAND FURNISHED BY FXF AND INSTALLED BY CONTRACTOR. CONTRACTOR TO PRODUCE 2 DUPLEX POWER OUTLETS & 1 DATA BOX. MOUNT TO UNISTRUT. SEE DETAIL
- . DATA OUTLET FOR KRONOS CLOCK TO BE INSTALLED AT 50" A.F.F. PROVIDE A HUBBELL JLOAD MULTIMEDIA BOX RJ600. WITH MULTIMEDIA OUTLET RJ65WTR (NO COVER). KRONOS TIME CLOCK FURNISHED & INSTALLED BY FEDEX FREIGHT.
- PROVIDÉ POWER TO WATER HEATER AS REQUIRED.
- WALL MOUNTED PHONE LOCATION, AT 48" A.F.F.
- PROVIDE CEILING FAN CONTACTORS (THIS LOCATION)
- 6. DEDICATED CIRCUIT FOR WET SPRINKLER SYSTEM COMPRESSOR
- . 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
- 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
- . 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 design and shands and shands and shands part the part the wr these conclurestrick shall contra dimen must the m
- WALL MOUNTED NETWORK, SECURITY, & RFID IDF CABINETS, SEE SPECIFICATIONS. SEE SHEET E2.02 FOR ADDITIONAL INFO
- CEILING SPEAKER CONTRACTOR TO PROVIDE DIRECT RUNS OF WHITE CAT 5E CABLE WITH 5'-0" LOOP ABOVE CEILING GRID AT EACH LOCATION. G.C. WILL PROVIDE AND INSTALL SPEAKERS
- MASTER VIDEO/INTERCOM STATION WITH GATE RELEASE. COORDINATE LOCATION WITH FEDEX FREIGHT PROJECT MANAGER. CONNECT TO RJ BOX BELOW
- 23. ELECTRIC HAND DRYER. PROVIDE CIRCUIT PER LOAD AS REQUIRED.
- 4. 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
- 29. CARD READER (PROVIDE MAGLOCK AT EACH CARD READER LOCATION (SEE FXF PROJECT MANUAL FOR SPECIFICATION)
- 30. GFI BREAKER FOR ICE MACHINE, VERIFY BREAKER SIZE W/ MANF.
- DUPLEX OUTLETS FOR MICROWAVES MOUNT AT 3'-4" A.F.F. TO BOTTOM OUTLET AND 16"
- 2. WALL MOUNTED OUTLET FOR VENDING MACHINES TO BE MOUNTED AT 36" A.F.F.
- 3. IN FACILITIES WHERE THE DISTANCE FROM NEAREST TELCO ROOM EXCEEDS 300' PROVIDE
- QUAD RECEPTACLE FOR FUTURE CAMERA NETWORK BOX BY FXF. SEE DETAIL 2/A4.05.
- 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 FXF PROJECT MANAGER, MOUNT AT 50" A.F.F.
- 37. ELECTRICAL DOOR OPERATOR
- 88. WALL INTAKE LOUVER, 120V, 1 PHASE, INTERLOCKED WITH EXHAUST FAN, AS DESIGNED BY MECHANICAL ENGINEÉR
- TUBE HEATER CONNECTIONS TO BE COORDINATED WITH A/E IF DOCK HEAT IS REQUIRED.
-). EXHAUST FAN WITH THERMOSTAT INTERLOCKED WITH INTAKE LOUVER, THERMOSTAT TO SWITCH ON EXHAUST FAN AT 80°
- THERMOSTAT FOR WALL MOUNTED HEATER IN RESTROOM, SEE MAINTENANCE BAY EQUIPMENT SCHEDULE ON A1.30 FOR ADDITIONAL INFO
- . 20'-0" SERVICE LOOP W/ RJ45 MALE CONNECTOR ABOVE CEILING COILED-UP AND TEMPORARILY TIE TO TOP TRACK OF WALL.
- WALL INTAKE LOUVER INTERLOCKED WITH ROOFTOP EXHAUST FAN AS DESIGNED BY MECHANICAL ENGINEER.
- ROOFTOP EXHAUST FAN. SIZE, QUANTITY & LOCATION AS DETERMINED BY MECHANICAL
- CONTRACTOR TO PROVIDE AIR COMPRESSOR, DRYER, AND 110V OUTLET FOR CONDENSATION OF THE PROVIDE AIR COMPRESSOR, DRYER, AND 110V OUTLET FOR CONDENSATION OF THE PROVIDE AIR COMPRESSOR, DRYER, AND 110V OUTLET FOR CONDENSATION OF THE PROVIDE AIR COMPRESSOR, DRYER, AND 110V OUTLET FOR CONDENSATION OF THE PROVIDE AIR COMPRESSOR, DRYER, AND 110V OUTLET FOR CONDENSATION OF THE PROVIDE AIR COMPRESSOR, DRYER, AND 110V OUTLET FOR CONDENSATION OF THE PROVIDE AIR COMPRESSOR, DRYER, AND 110V OUTLET FOR CONDENSATION OF THE PROVIDE AIR COMPRESSOR, DRYER, AND 110V OUTLET FOR CONDENSATION OF THE PROVIDE AIR COMPRESSOR, DRYER, AND 110V OUTLET FOR CONDENSATION OF THE PROVIDE AIR COMPRESSOR, DRYER, AND 110V OUTLET FOR CONDENSATION OF THE PROVIDE AIR COMPRESSOR, DRYER, AND 110V OUTLET FOR CONDENSATION OF THE PROVIDE AIR COMPRESSOR, DRYER, AND 110V OUTLET FOR CONDENSATION OF THE PROVIDE AIR COMPRESSOR, DRYER, AND 110V OUTLET FOR CONDENSATION OF THE PROVIDE AIR COMPRESSOR, DRYER, AND 110V OUTLET FOR CONDENSATION OF THE PROVIDE AIR COMPRESSOR OF THE PROVIDE AIR COMPRE PUMP. SEE EQUIPMENT SCHEDULE SHT A1.30.
- 6. EXHAUST FAN TO BE SIZED TO SERVE RESTROOM. EXHAUST FAN TO RUN CONTINUOUSLY
- 8. DUPLEX OUTLETS AT 10'-0" A.F.F. FOR SAFETY CLOCK, & TRIP CLOCKS
- PROVIDE (2) 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 FXF
- PROJECT MANAGER.
- COMMENTE ESSATION 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.
- 4. STARLINE TRACK BUSWAY OUTLETS TO BE MOUNTED ABOVE TELCO RACK.
- STARLINE TRACK BUSWAY TO BE MOUNTED ABOVE TELCO RACKS FROM WALL TO WALL AT . S. THE TO BE MOUNTED ABOVE TELCO HACKS FROM WALL TO WALL AT 7'-6" ABOVE FINISHED FLOOR, PROVIDE BLOCKING IN WALLS FOR MOUNTING CHANNEL TO WALLS.
- 5. PROVIDE (2) 2" & (2) 4" PVC SLEEVES THRU WALL @ PURLINE LEVEL, MEET ALL LOCAL CODES, 18" LENGTH AND CAP EACH END, COORDINATE AND IDENTIFY EXACT LOCATION WITH FXF PROJECT MANAGER.
- GROUNDING BUS BAR WITH MINIMUM 4 LUGS, CONNECT TO SINGLE POINT GROUNDING, REFER TO SPECIFICATIONS.
- EATON 12 KVA EXPANDABLE WHOLE ROOM UPS SYSTEM, MODEL: EATON 9PXM, PROVIDE AND INSTALL POWER REQUIRED FOR UNIT, CONTACT JIM STOOF WITH R.M. STOOF FOR PRICING, PHONE NUMBER 412-367-9006.
- PROVIDE (2) 208V 30amp L630-R RECEPTICLES.
- WATERPROOF EXHAUST FAN @ ROOF, EXHAUST FAN TO BE OPERATED THROUGH LOW VOLTAGE WALL; THERMOSTAT, FAN TO OPERATE AT TEMPERATURES GREATER THAN 80°F. AIPHONE/CARD READER WITH ELECTRIC STRIKE, SEE SPEC.

Purposes Only

For Information

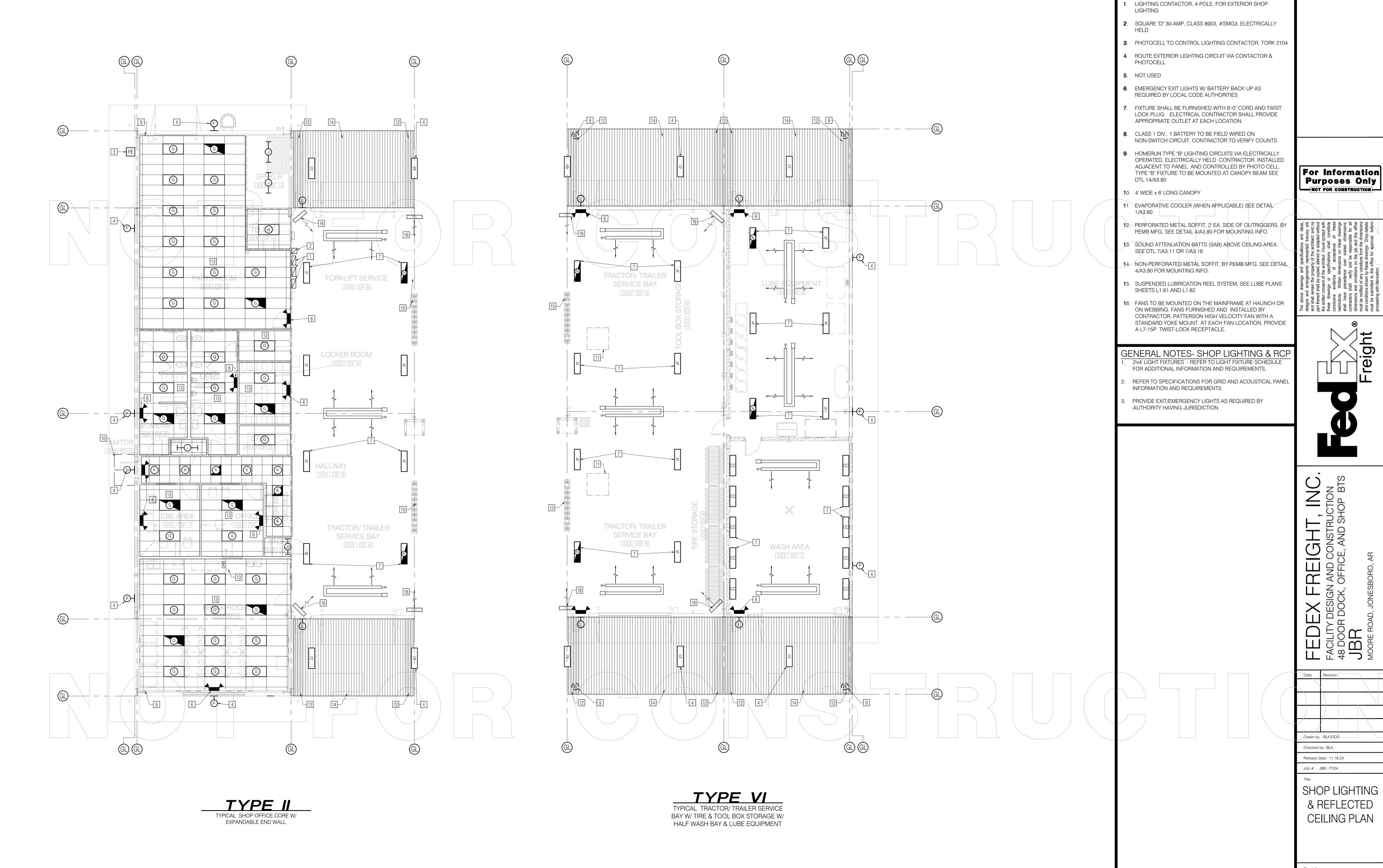


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Job #: JBR - FY24

DOCK POWER & DATA PLAN

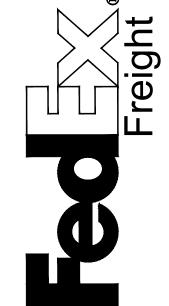
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KEYED NOTES- SHOP LIGHTING & RCP

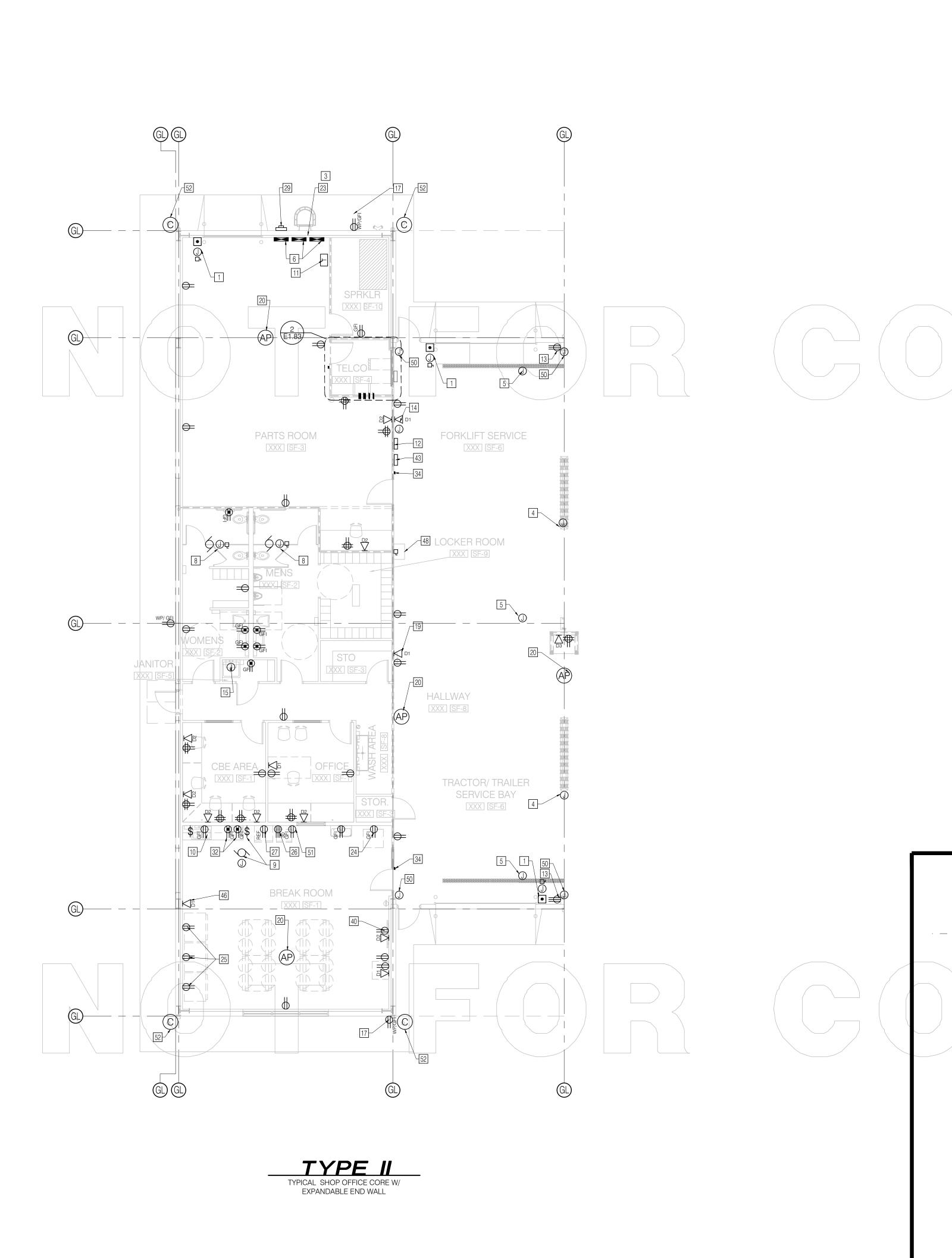
SOME KEY NOTES MAY 1 KEY NOTE SYMBOL NOT APPLY

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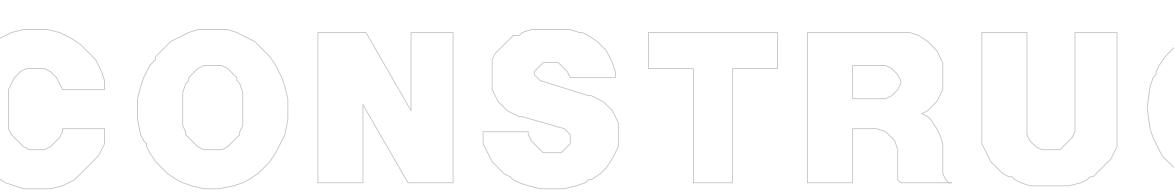


SHOP LIGHTING & REFLECTED **CEILING PLAN**

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SHOP POWER, DATA, + SECURITY PLAN



FUTURE

ENLARGED PLAN:

TELCO ROOM

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

& SECURITY SOME KEY NOTES MAY

1 - KEY NOTE SYMBOL

NOT APPLY

- ELECTRICAL DOOR OPERATOR
- CONNECT POWER WASH EQUIPMENT WITH ELECTRICAL SERVICE AND DISCONNECT FOR HAND WAND 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**
- . LUBRICATION SYSTEM W/ ELECT. REEL ON DEDICATED CIRCUIT. SEE SHEET L1.82
- . TUBE HEATER CONNECTION
- 6. ELECTRICAL PANEL, BY ELECTRICAL ENGINEER
- WALL LOUVER, 120 V, 1 PHASE, INTERLOCKED WITH EF., AS DESIGNED BY MECHANICAL ENGINEER
- RESTROOM EXHAUST FAN SHALL BE RAN CONTINUOUSLY
- 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 FXF PROJECT MANAGER, MOUNT AT 50" AFF
- 14. VEEDER-ROOT CONTROL PANEL, MOUNT AT 50" AFF
- 6. CONDENSING UNIT WALL PACK MOUNTED TO WALL

15. POWER TO WATER HEATER AS REQUIRED

- 7. 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
- 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 BAF 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
- 31. CONDUIT STUB-UPS AS REQ'D FOR SERVICE LINES, SEE SHEET
- 2. 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
- 36. EXIT PUSH BUTTON

GENERAL NOTES:

STRUCTURAL MEMBERS

SLAB EXCEPT WERE NOTED

ALL CONDUIT IN AREAS WITHOUT CEILING SHALL BE EXPOSED OVERHEAD AND SUPPORTED BY STRUCTURAL

ALL CONDUIT IN AREAS WITH CEILING SHALL BE INSTALLED

NO CONDUIT TO BE INSTALLED IN OR UNDER CONCRETE

REFER TO MECHANICAL PLANS FOR LOCATION OF ALL

WITHIN SERVICE BAYS, STORAGE, PARTS AND WASH BAY, AL J-BOXES, EQUIPMENT, WIRE DEVICES AND ENCLOSURES

SHALL BE LOCATED AT LEAST 30" ABOVE GROUND FLOOR

ALL OUTLETS ON COLUMNS TO BE INSTALLED AT 50" A.F.F.

PROVIDE PULE STRINGS IN ALL EMPTY CONDUITS

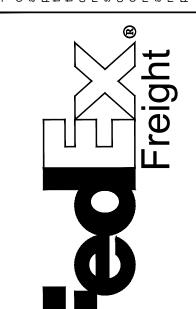
ASSOCIATED WITH FUELING SYSTEM

CONCEALED ABOVE CEILING AND SUPPORTED BY

- 87. 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 FXF 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, RACKS TO BE MOUNTED @ 39" MIN. FROM BACK OF RACK TO WALL (SEE SPEC)
- 0. FLAT SCREEN TV WITH MOUNTING BRACKET PER FXF. CONTRACTOR 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 WA FXF PROJECT MGR
- . APPROX LOCATION OF FLOOR-STANDING SECURITY VIDEO RACK, TO BE MOUNTED @ 39" MIN. FROM BACK OF RACK TO WALL (SEE
- 42. 1/2" FIRE RETARDANT TREATED PLYWOOD TELCO BOARD @ REAF 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. PLUSH MOUNTED COMBO FLOOR BOX WITH ONE ELECTRICAL
- DUPLEX OUTLET AND DATA DUPLEX OUTLET 46. EMPLOYEE COMMUNICATIONS ONLINE (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
- 48. DISCONNECT FOR ELECTRIC FORKLIFT CHARGER
- -FORKLIFT CHARGER REQUIREMENTS: MODEL- INFINITY HIGH FREQUENCY CHARGER MODEL #- PEI 18-1050 R25 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 49.PROVIDE (2) 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 FXF PROJECT
- 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 THROUGH WALL OR SOFFIT TO INTERIOR OF SHOP AND MAKE WEATHERTIGHT, COORD. W/ FXF PROJECT MANAGER.

KEYED NOTES - SHOP POWER/DATA

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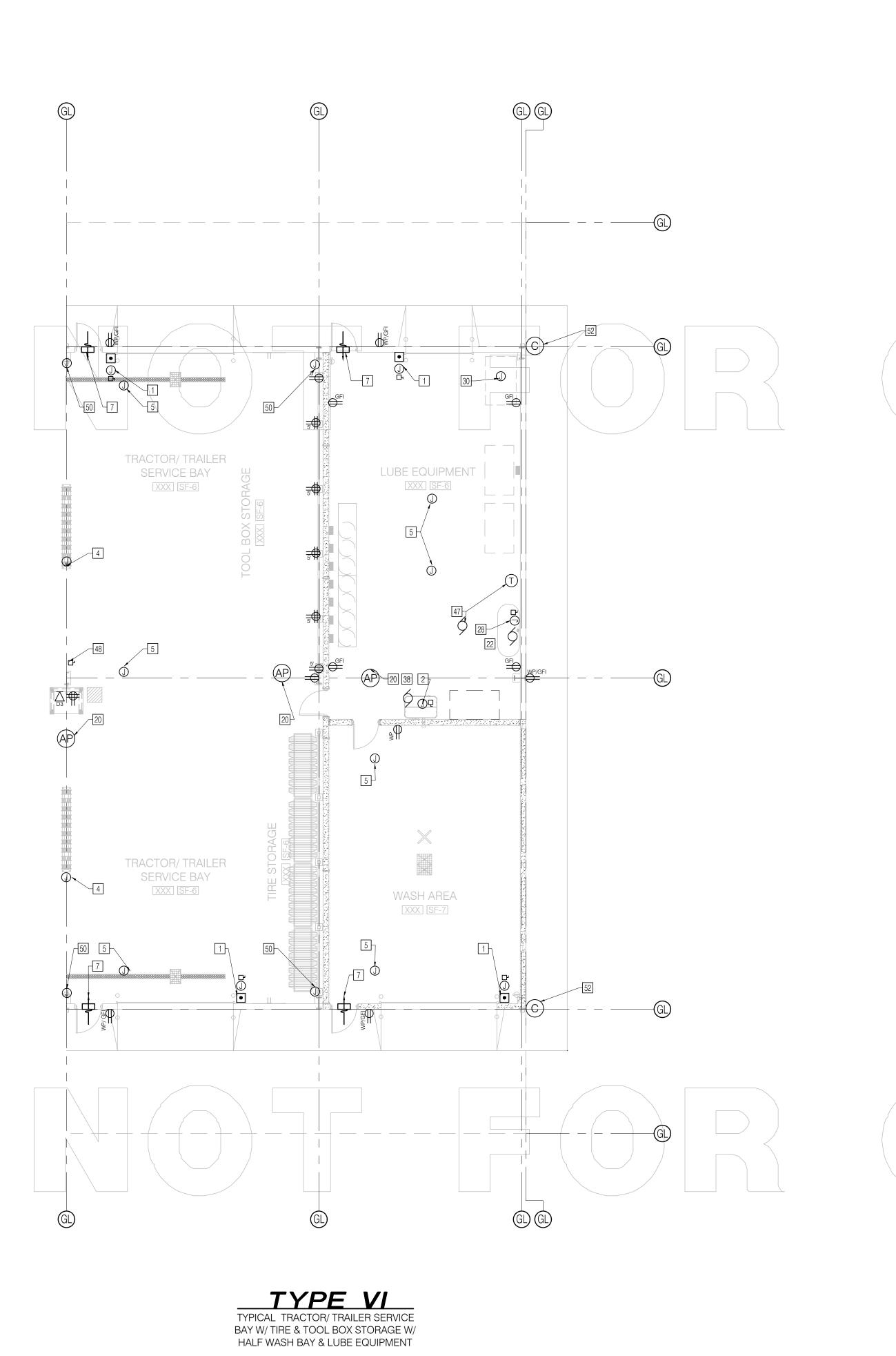
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Release Date: 11.16.23 Job #: JBR - FY24

SHOP POWER DATA, & SECURITY PLAN

E1.83

2023 FEDEX FREIGHT, INC



ALL CONDUIT IN AREAS WITHOUT CEILING SHALL BE EXPOSED OVERHEAD AND SUPPORTED BY STRUCTURAL

STRUCTURAL MEMBERS

ASSOCIATED WITH FUELING SYSTEM

31. CONDUIT STUB-UPS AS REQ'D FOR SERVICE LINES, SEE SHEET

BO. OIL/WATER SEPARATOR, W/ ALARM; SIZED AS REQUIRED BY

8. AIR COMPRESSOR. ALL ELECTRICAL SERVICE REQUIREMENTS TO BE PROVIDED BY CONTRACTOR. PROVIDE 110V OUTLET FOR

KEYED NOTES - SHOP POWER/DATA

SINGLE POINT GROUNDING SYSTEM; SEE DTL 1/E2.01 &

6. ELECTRICAL PANEL, BY ELECTRICAL ENGINEER

DESIGNED BY MECHANICAL ENGINEER

12. OIL/WATER SEPARATOR ALARM PANEL

5. POWER TO WATER HEATER AS REQUIRED

7. POWER TO A/C UNIT(S) & CONDENSER(S)

FOR DATA CABLING

SEE DTL 1/E2.01

24. COFFEE MACHINE

27. REFRIGERATOR

CONDENSATE PUMP.

29. ELECTRIC METER

LOCAL CODES

1 - KEY NOTE SYMBOL

ON SHT. L1.82

SPECIFICATION

SEE SHEET L1.82

5. TUBE - HEATER CONNECTION

ELECTRICAL DOOR OPERATOR

SOME KEY NOTES MAY NOT APPLY

CONNECT POWER WASH EQUIPMENT WITH ELECTRICAL SERVICE AND DISCONNECT FOR HAND WAND UNIT. WASH EQUIPMENT FURNISHED & INSTALLED BY G.C., SEE EQUIPMENT SCHEDULE

LUBRICATION SYSTEM W/ ELECT. REEL ON DEDICATED CIRCUIT.

WALL LOUVER, 120 V, 1 PHASE, INTERLOCKED WITH EF., AS

RESTROOM EXHAUST FAN SHALL BE RAN CONTINUOUSLY

NEXT TO THE MICROWAVE SIDE OF THE MILLWORK

10 GARBAGE DISPOSAL UNDER SINK IN BREAK ROOM 1. TRANSFORMER, AS PER ELECTRICAL ENGINEER

14. VEEDER-ROOT CONTROL PANEL, MOUNT AT 50" AFF

6. CONDENSING UNIT WALL PACK MOUNTED TO WALL

20. WIRELESS ACCESS POINT/ AIR DEFENSE COMBO UNIT

EXHAUST FAN IN BREAK ROOM TO BE CONTROLLED BY SWITCH

3. WELDER OUTLET, 208V/50A/3P, OR 230V/50A/1P. VERIFY ELECT. OUTLET TYPE WITH FXF PROJECT MANAGER, MOUNT AT 50" AFF

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

. JUNCTION BOX AT END OF OUTRIGGER FOR SECURITY CAMERAS,

PROVIDE 3/4" CONDUIT ALONG OUTRIGGER AND INTO BUILDING

2. 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,

25. VENDING MACHINE. MOUNT OUTLET AT 36" A.F.F.

26. 30 AMP GFI BREAKER FOR ICE MACHINE

. 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.

B5. EXTEND OVERHEAD CONDUIT AT VEEDER ROOT PANEL TO TELCO

36. EXIT PUSH BUTTON

37. WATERPROOF EXHAUST FAN @ ROOF. EXHAUST FAN TO BE OPERATED THROUGH LOW VOLTAGE WALL THERMOSTAT. FAN TO

38. CONNECT FXF FURNISHED AUTOMATED WASH SYSTEM NEMA DISCONNECT IF AUTOMATED WASH SYSTEM IS SPECIFIED SEE SCHEDULE ON SHT L1.82

OPERATE AT TEMPERATURES GREATER THAN 80°F

39. APPROX LOCATION OF FLOOR-STANDING COMMUNICATION RACKS, RACKS TO BE MOUNTED @ 39" MIN. FROM BACK OF RACK TO WALL (SEE SPEC)

. FLAT SCREEN TV WITH MOUNTING BRACKET PER FXF. CONTRACTOR 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 FXF PROJECT MGR

. APPROX LOCATION OF FLOOR-STANDING SECURITY VIDEO RACK, TO BE MOUNTED @ 39" MIN. FROM BACK OF RACK TO WALL (SEE

42. 1/2" FIRE RETARDANT TREATED PLYWOOD TELCO BOARD @ REAR WALL IN TELCO ROOM 8'-0" HEIGHT, (TYP)

44. APPROXIMATE SECURITY CAMERA LOCATIONS, PROVIDE 20'-0"

45. FLUSH MOUNTED COMBO FLOOR BOX WITH ONE ELECTRICAL

DUPLEX OUTLET AND DATA DUPLEX OUTLET

46.EMPLOYEE COMMUNICATIONS ONLINE (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

48. DISCONNECT FOR ELECTRIC FORKLIFT CHARGER

-FORKLIFT CHARGER REQUIREMENTS: MODEL- INFINITY HIGH FREQUENCY CHARGER MODEL #- PEI 18-1050 R25 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

49.PROVIDE (2) 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 FXF PROJECT

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.

2. APPROXIMATE SECURITY CAMERA LOCATIONS, PROVIDE CONDUIT THROUGH WALL OR SOFFIT TO INTERIOR OF SHOP AND MAKE WEATHERTIGHT, COORD. W/ FXF PROJECT MANAGER.

For Information Purposes Only

MOT FOR CONSTRUCTION —

eigh

Drawn by : BLK/DDG

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

SHOP POWER DATA, &

SECURITY PLAN

E1.84 2023 FEDEX FREIGHT, INC

SHOP POWER, DATA, + SECURITY PLAN

ALL CONDUIT IN AREAS WITH CEILING SHALL BE INSTALLED CONCEALED ABOVE CEILING AND SUPPORTED BY

SLAB EXCEPT WERE NOTED REFER TO MECHANICAL PLANS FOR LOCATION OF ALL

WITHIN SERVICE BAYS, STORAGE, PARTS AND WASH BAY, AL

GENERAL NOTES:

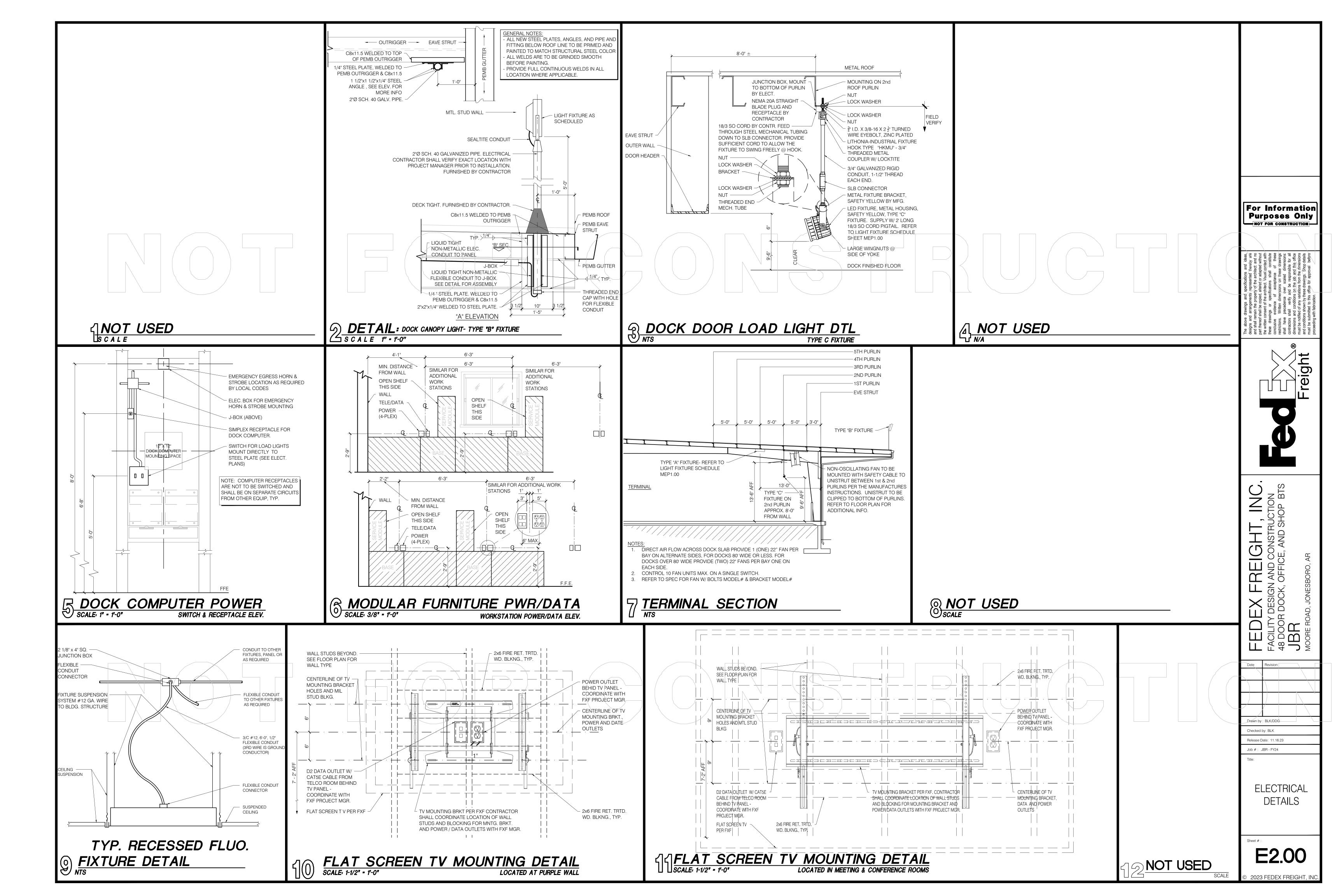
NO CONDUIT TO BE INSTALLED IN OR UNDER CONCRETE 43. MAIN FIRE ALARM PANEL LOCATION. PLACE AS RECOMMENDED BY LOCAL CODE AND AGENCIES

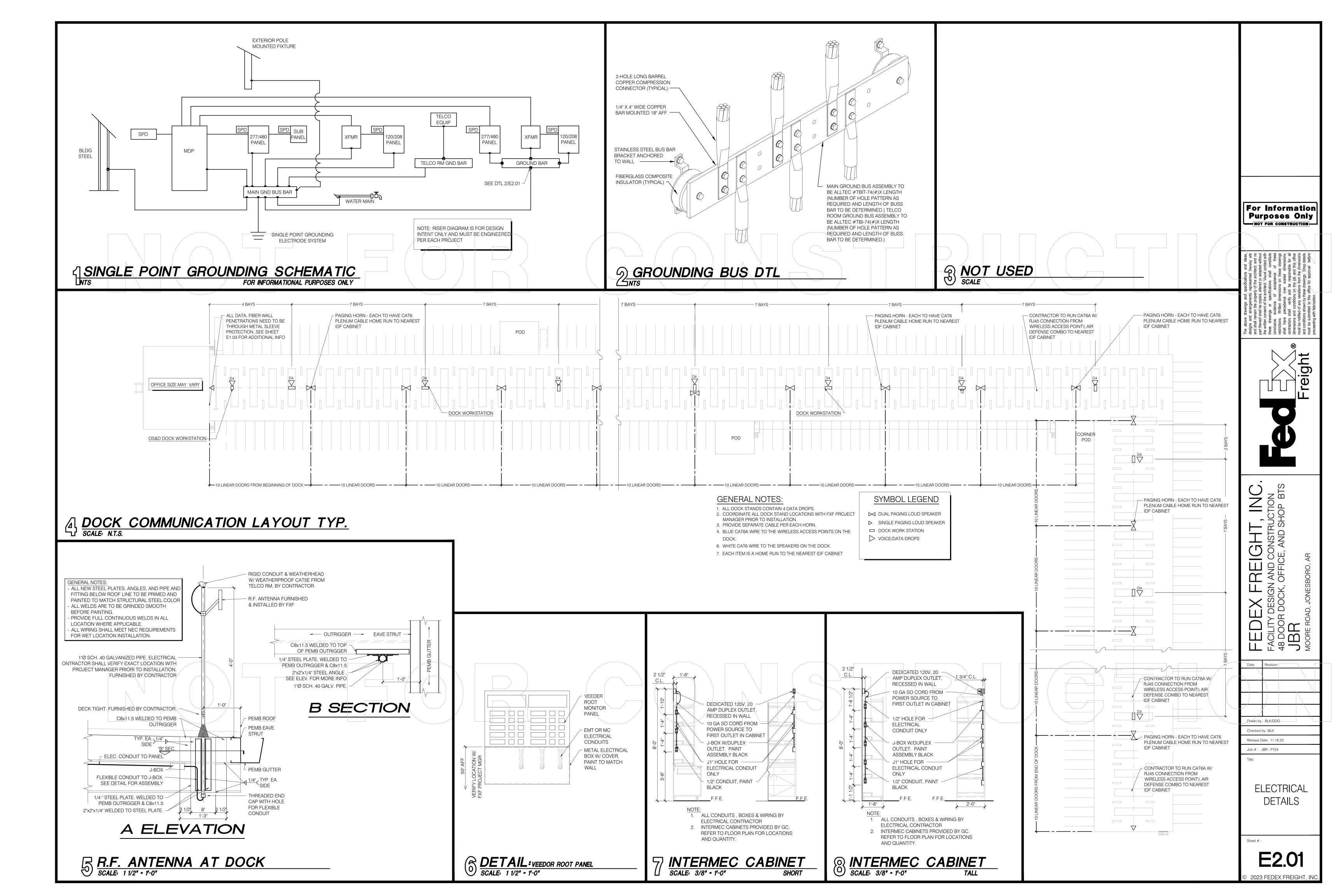
SERVICE LOOP

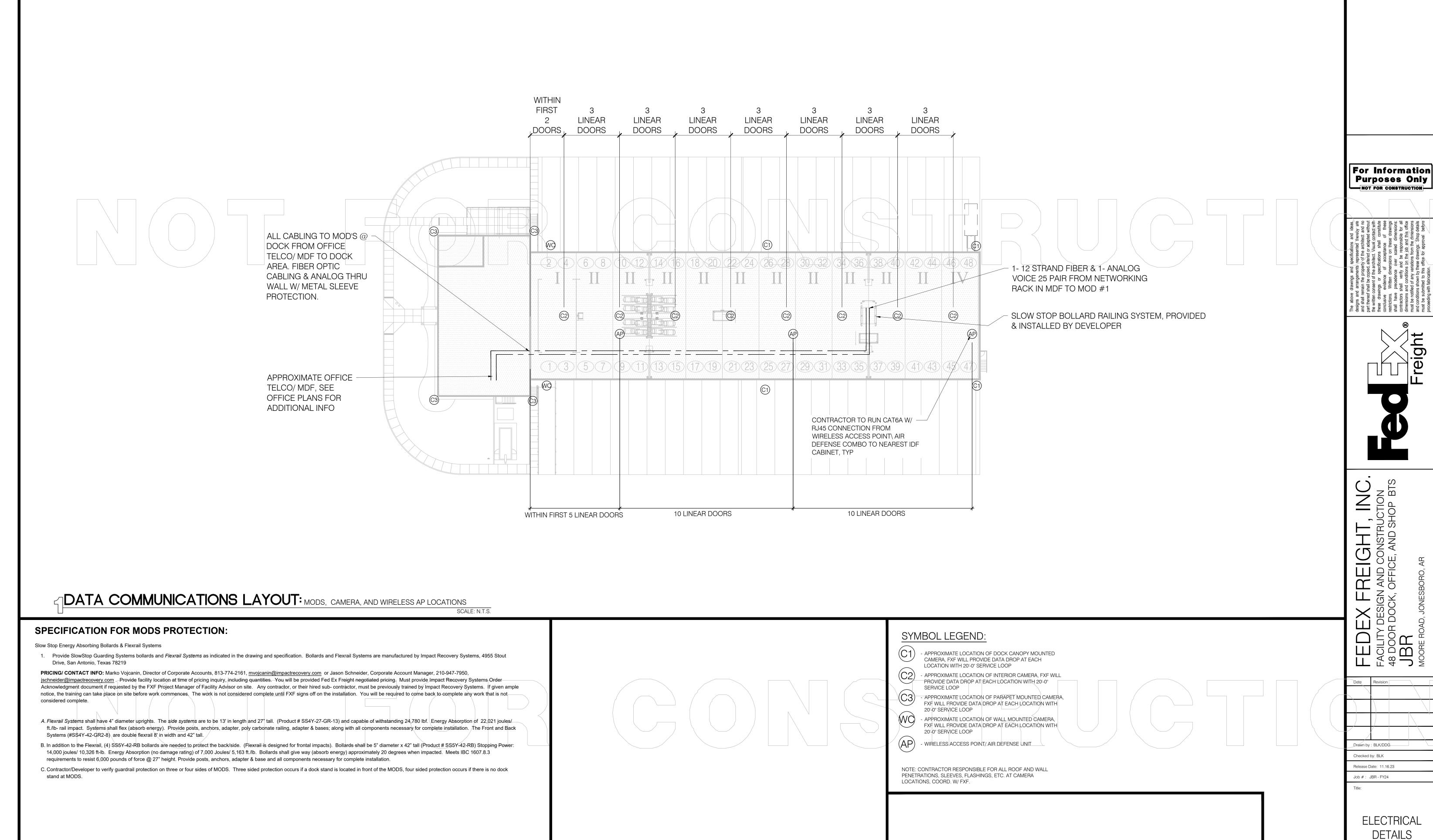
J-BOXES, EQUIPMENT, WIRE DEVICES AND ENCLOSURES
SHALL-BE LOCATED AT LEAST 30" ABOVE GROUND FLOOR

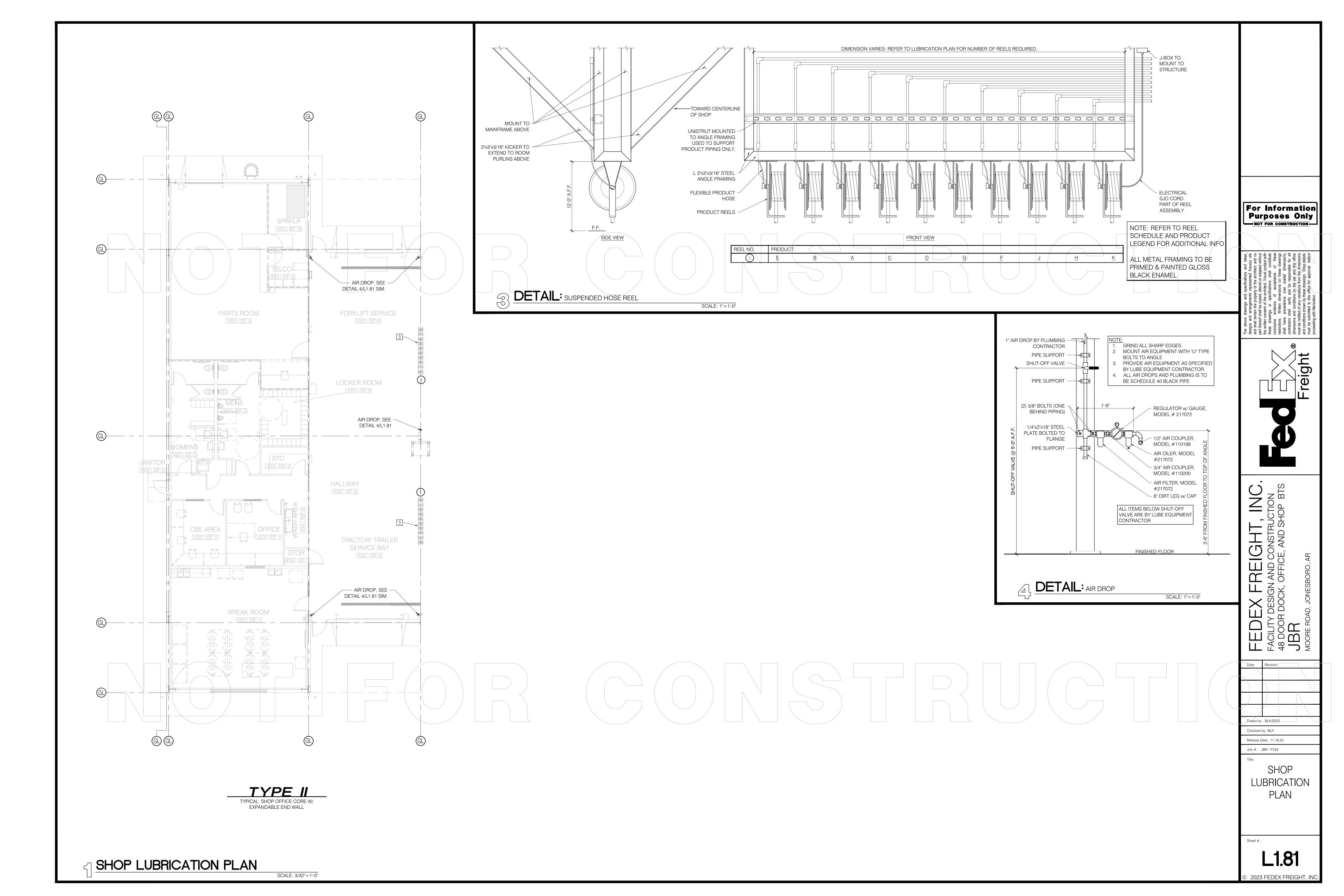
PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS

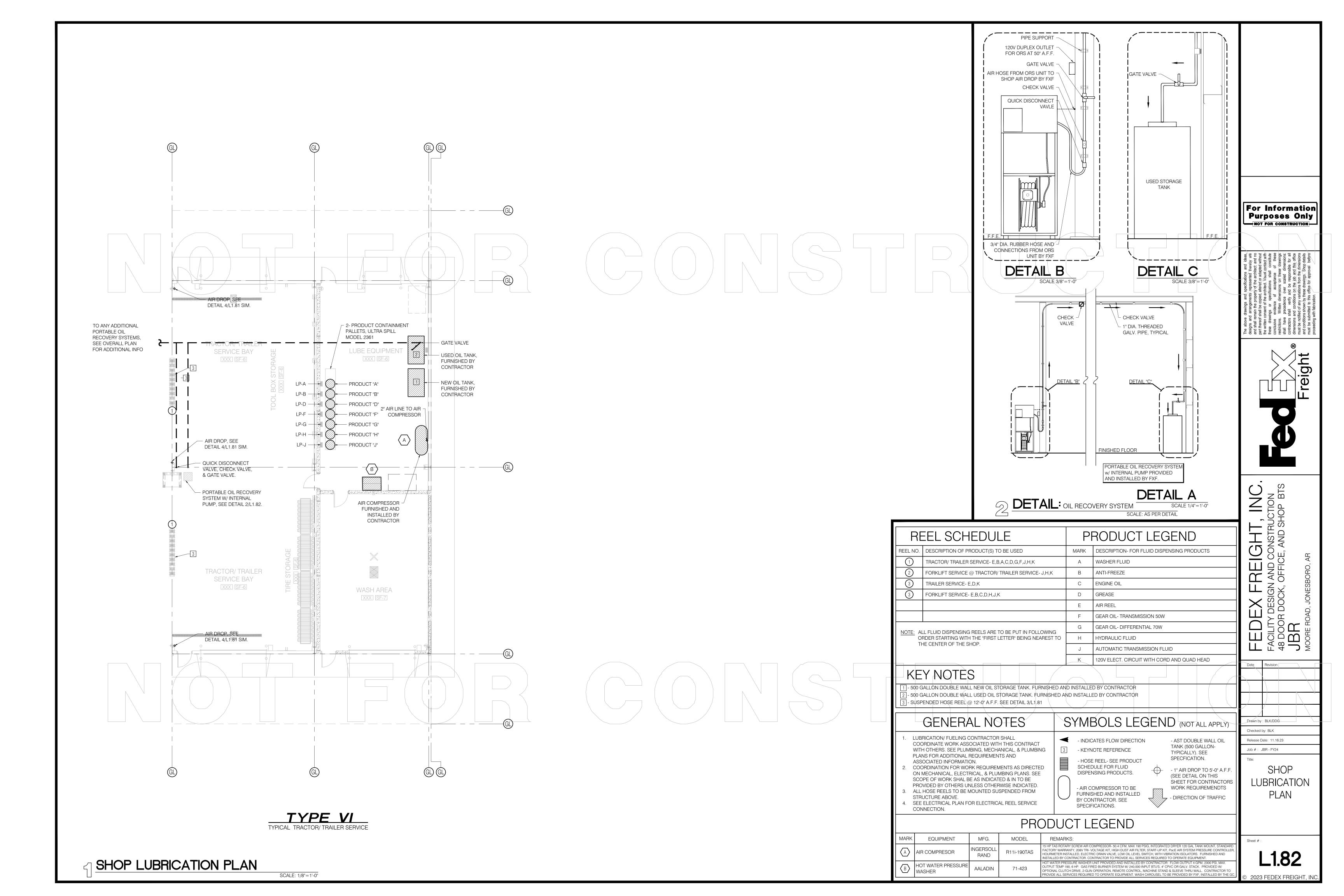
ALL OUTLETS ON COLUMNS TO BE INSTALLED AT 50" A.F.F.

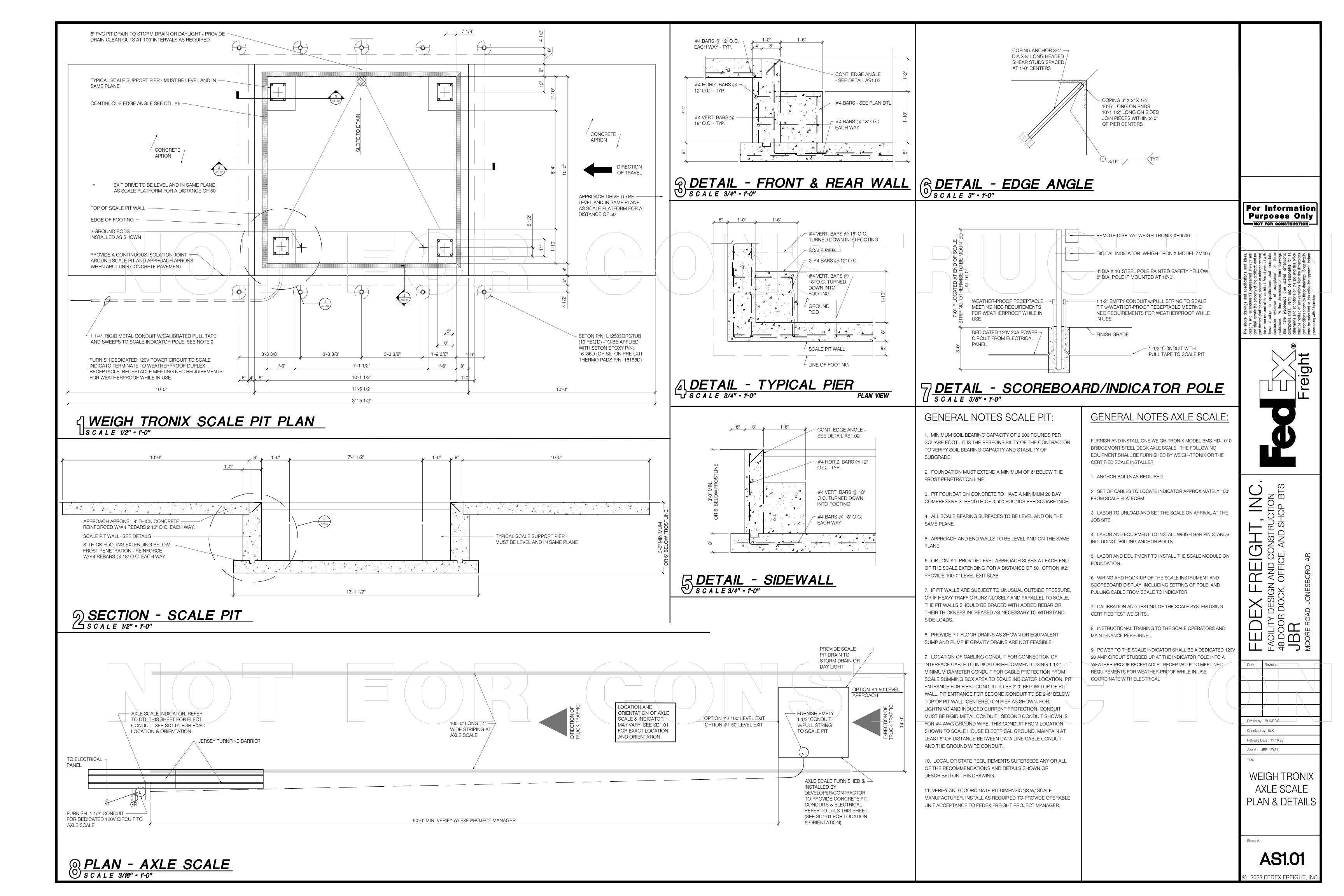


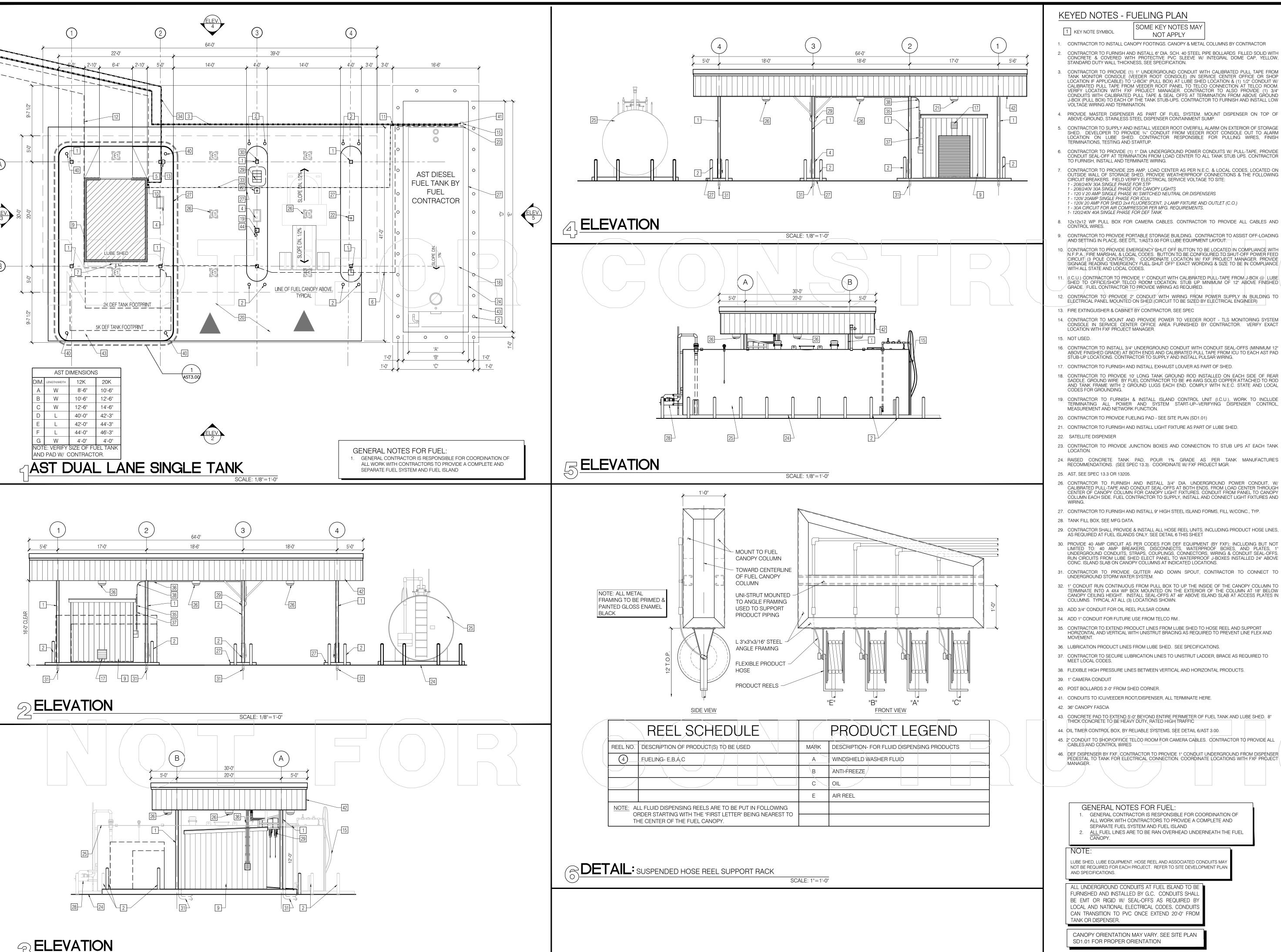












SCALE: 1/8"=1'-0"

KEYED NOTES - FUELING PLAN

1 KEY NOTE SYMBOL

SOME KEY NOTES MAY NOT APPLY

I. CONTRACTOR TO INSTALL CANOPY FOOTINGS. CANOPY & METAL COLUMNS BY CONTRACTOR CONTRACTOR TO FURNISH AND INSTALL 6" DIA. SCH. 40 STEEL PIPE BOLLARDS FILLED SOLID WITH CONCRETE & COVERED WITH PROTECTIVE PVC SLEEVE W/ INTEGRAL DOME CAP, YELLOW, STANDARD DUTY WALL THICKNESS, SEE SPECIFICATION.

. CONTRACTOR TO PROVIDE (1) 1" UNDERGROUND CONDUIT WITH CALIBRATED PULL TAPE FROM TANK MONITOR CONSOLE (VEEDER ROOT CONSOLE) (IN SERVICE CENTER OFFICE OR SHOP LOCATION IF APPLICABLE) TO "J-BOX" (PULL BOX) AT LUBE SHED LOCATION & (1) 1/2" CONDUIT W/ CALIBRATED PULL TAPE FROM VEEDER ROOT PANEL TO TELCO CONNECTION AT TELCO ROOM. VERIFY LOCATION WITH FXF PROJECT MANAGER. CONTRACTOR TO ALSO PROVIDE (1) 3/4" CONDUITS WITH CALIBRATED PULL TAPE & SEAL OFFS AT TERMINATION FROM ABOVE GROUND J-BOX (PULL BOX) TO EACH OF THE TANK STUB-UPS. CONTRACTOR TO FURNISH AND INSTALL LOW

4. PROVIDE MASTER DISPENSER AS PART OF FUEL SYSTEM. MOUNT DISPENSER ON TOP OF ABOVE-GROUND, STAINLESS STEEL DISPENSER CONTAINMENT SUMP.

CONTRACTOR TO SUPPLY AND INSTALL VEEDER ROOT OVERFILL ALARM ON EXTERIOR OF STORAGE SHED. DEVELOPER TO PROVIDE 3/4" CONDUIT FROM VEEDER ROOT CONSOLE OUT TO ALARM LOCATION ON LUBE SHED. CONTRACTOR RESPONSIBLE FOR PULLING WIRES, FINISH TERMINATIONS, TESTING AND STARTUP.

6. CONTRACTOR TO PROVIDE (1) 1" DIA UNDERGROUND POWER CONDUITS W/ PULL-TAPE, PROVIDE CONDUIT SEAL-OFF AT TERMINATION FROM LOAD CENTER TO ALL TANK STUB UPS. CONTRACTOR TO FURNISH, INSTALL AND TERMINATE WIRING.

CONTRACTOR TO PROVIDE 225 AMP, LOAD CENTER AS PER N.E.C. & LOCAL CODES, LOCATED ON OUTSIDE WALL OF STORAGE SHED, PROVIDE WEATHERPROOF CONNECTIONS & THE FOLLOWING CIRCUIT BREAKERS. FIELD VERIEY ELECTRICAL SERVICE VOLTAGE TO SITE:

1 - 208/240V 30A SINGLE PHASE FOR STP 1 - 208/240V 30A SINGLE PHASE FOR CANOPY LIGHTS - 120 V 20 AMP SINGLE PHASE W/ SWITCHED NEUTRAL OR DISPENSERS

1 - 120V 20AMP SINGLE PHASE FOR ICUS 1 - 120V 20 AMP FOR SHED 2x4 FLUORESCENT, 2-LAMP FIXTURE AND OUTLET (C.O.)

1 - 30A CIRCUIT FOR AIR COMPRESSOR PER MFG. REQUIREMENTS. 1- 120/240V 40A SINGLE PHASE FOR DEF TANK

8. 12x12x12 WP PULL BOX FOR CAMERA CABLES. CONTRACTOR TO PROVIDE ALL CABLES AND CONTROL WIRES.

AND SETTING IN PLACE. SEE DTL. 1/AST3.00 FOR LUBE EQUIPMENT LAYOUT. 10. CONTRACTOR TO PROVIDE EMERGENCY SHUT OFF BUTTON TO BE LOCATED IN COMPLIANCE WITH

N.F.P.A., FIRE MARSHAL & LOCAL CODES. BUTTON TO BE CONFIGURED TO SHUT-OFF POWER FEED CIRCUIT (3 POLE CONTACTOR). COORDINATE LOCATION W/ FXF PROJECT MANAGER. PROVIDE SIGNAGE READING "EMERGENCY FUEL SHUT OFF" EXACT WORDING & SIZE TO BE IN COMPLIANCE WITH ALL STATE AND LOCAL CODES. 11. (I.C.U.) CONTRACTOR TO PROVIDE 1" CONDUIT WITH CALIBRATED PULL-TAPE FROM J-BOX @ LUBE SHED TO OFFICE/SHOP TELCO ROOM LOCATION. STUB UP MINIMUM OF 12" ABOVE FINISHED

GRADE. FUEL CONTRACTOR TO PROVIDE WIRING AS REQUIRED. 12. CONTRACTOR TO PROVIDE 2" CONDUIT WITH WIRING FROM POWER SUPPLY IN BUILDING TO

ELECTRICAL PANEL MOUNTED ON SHED. (CIRCUIT TO BE SIZED BY ELECTRICAL ENGINEER) 13. FIRE EXTINGUISHER & CABINET BY CONTRACTOR, SEE SPEC

14. CONTRACTOR TO MOUNT AND PROVIDE POWER TO VEEDER ROOT - TLS MONITORING SYSTEM CONSOLE IN SERVICE CENTER OFFICE AREA FURNISHED BY CONTRACTOR. VERIFY EXACT LOCATION WITH FXF PROJECT MANAGER.

16. CONTRACTOR TO INSTALL 3/4" UNDERGROUND CONDUIT WITH CONDUIT SEAL-OFFS (MINIMUM 12" ABOVE FINISHED GRADE) AT BOTH ENDS AND CALIBRATED PULL TAPE FROM ICU TO EÀCH AST PAD STUB-UP LOCATIONS. CÓNTRACTOR TO SUPPLY AND INSTALL PULSAR WIRING.

17. CONTRACTOR TO FURNISH AND INSTALL EXHAUST LOUVER AS PART OF SHED.

18. CONTRACTOR TO PROVIDE 10' LONG TANK GROUND ROD INSTALLED ON EACH SIDE OF REAR SADDLE. GROUND WIRE BY FUEL CONTRACTOR TO BE #6 AWG SOLID COPPER ATTACHED TO ROD AND TANK FRAME WITH 2 GROUND LUGS EACH END. COMPLY WITH N.E.C. STATE AND LOCAL CODES FOR GROUNDING

19. CONTRACTOR TO FURNISH & INSTALL ISLAND CONTROL UNIT (I.C.U.), WORK TO INCLUDE TERMINATING ALL POWER AND SYSTEM START-UP--VERIFYING DISPENSER CONTROL, MEASUREMENT AND NETWORK FUNCTION.

20. CONTRACTOR TO PROVIDE FUELING PAD - SEE SITE PLAN (SD1.01)

21. CONTRACTOR TO FURNISH AND INSTALL LIGHT FIXTURE AS PART OF LUBE SHED.

22. SATELLITE DISPENSER

23. CONTRACTOR TO PROVIDE JUNCTION BOXES AND CONNECTION TO STUB UPS AT EACH TANK

24. RAISED CONCRETE TANK PAD, POUR 1% GRADE AS PER TANK MANUFACTURE'S RECOMMENDATIONS. (SEE SPEC 13.3). COORDINATE W/ FXF PROJECT MGR.

26. CONTRACTOR TO FURNISH AND INSTALL 3/4" DIA. UNDERGROUND POWER CONDUIT, W/ CALIBRATED PULL-TAPE AND CONDUIT SEAL-OFFS AT BOTH ENDS, FROM LOAD CENTER THROUGH CENTER OF CANOPY COLUMN FOR CANOPY LIGHT FIXTURES. CONDUIT FROM PANEL TO CANOPY COLUMN EACH SIDE. FUEL CONTRACTOR TO SUPPLY, INSTALL AND CONNECT LIGHT FIXTURES AND

27. CONTRACTOR TO FURNISH AND INSTALL 9" HIGH STEEL ISLAND FORMS, FILL W/CONC., TYP.

28. TANK FILL BOX, SEE MFG DATA.

29. CONTRACTOR SHALL PROVIDE & INSTALL ALL HOSE REEL UNITS, INCLUDING PRODUCT HOSE LINES, AS REQUIRED AT FUEL ISLANDS ONLY. SEE DETAIL 6 THIS SHEET

30. PROVIDE 40 AMP CIRCUIT AS PER CODES FOR DEF EQUIPMENT (BY FXF); INCLUDING BUT NOT LIMITED TO: 40 AMP BREAKERS, DISCONNECTS, WATERPROOF BOXES, AND PLATES, 1" UNDERGROUND CONDUITS, STRAPS, COUPLINGS, CONNECTORS, WIRING & CONDUIT SEAL-OFFS. RUN CIRCUITS FROM LUBE SHED ELECT PANEL TO WATER PROAFFORMS. CONC. ISLAND SLAB ON CANOPY COLUMNS AT INDICATED LOCATIONS.

31. CONTRACTOR TO PROVIDE GUTTER AND DOWN SPOUT, CONTRACTOR TO CONNECT TO UNDERGROUND STORM WATER SYSTEM.

32. 1" CONDUIT RUN CONTINUOUS FROM PULL BOX TO UP THE INSIDE OF THE CANOPY COLUMN TO

TERMINATE INTO A 4X4 WP BOX MOUNTED ON THE EXTERIOR OF THE COLUMN AT 18" BELOW CANOPY CEILING HEIGHT. INSTALL SEAL-OFFS AT 48" ABOVE ISLAND SLAB AT ACCESS PLATES IN COLUMNS. TYPICAL AT ALL (3) LOCATIONS SHOWN.

33. ADD 3/4" CONDUIT FOR OIL REEL PULSAR COMM.

34. ADD 1" CONDUIT FOR FUTURE USE FROM TELCO RM...

35. CONTRACTOR TO EXTEND PRODUCT LINES FROM LUBE SHED TO HOSE REEL AND SUPPORT HORIZONTAL AND VERTICAL WITH UNISTRUT BRACING AS REQUIRED TO PREVENT LINE FLEX AND

36. LUBRICATION PRODUCT LINES FROM LUBE SHED. SEE SPECIFICATIONS.

37. CONTRACTOR TO SECURE LUBRICATION LINES TO UNISTRUT LADDER, BRACE AS REQUIRED TO

38. FLEXIBLE HIGH PRESSURE LINES BETWEEN VERTICAL AND HORIZONTAL PRODUCTS.

40. POST BOLLARDS 3'-0" FROM SHED CORNER.

41. CONDUITS TO ICU/VEEDER ROOT/DISPENSER, ALL TERMINATE HERE.

42. 36" CANOPY FASCIA

43. CONCRETE PAD TO EXTEND 5'-0" BEYOND ENTIRE PERIMETER OF FUEL TANK AND LUBE SHED. 8" THICK CONCRETE TO BE HEAVY DUTY, RATED HIGH TRAFFIC

45. 2" CONDUIT TO SHOP/OFFICE TELCO ROOM FOR CAMERA CABLES. CONTRACTOR TO PROVIDE ALL

46. DEF DISPENSER BY FXF, CONTRACTOR TO PROVIDE 1" CONDUIT UNDERGROUND FROM DISPENSER PEDESTAL TO TANK FOR ELECTRICAL CONNECTION. COORDINATE LOCATIONS WITH FXF PROJECT

GENERAL NOTES FOR FUEL

. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL WORK WITH CONTRACTORS TO PROVIDE A COMPLETE AND SEPARATE FUEL SYSTEM AND FUEL ISLAND 2. <u>ALL</u> FUEL LINES ARE TO BE RAN OVERHEAD UNDERNEATH THE FUEL

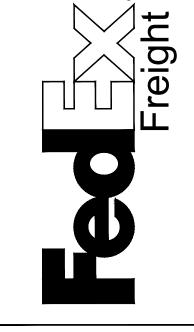
LUBE SHED, LUBE EQUIPMENT, HOSE REEL AND ASSOCIATED CONDUITS MA NOT BE REQUIRED FOR EACH PROJECT. REFER TO SITE DEVELOPMENT PLAN AND SPECIFICATIONS.

ALL UNDERGROUND CONDUITS AT FUEL ISLAND TO BE FURNISHED AND INSTALLED BY G.C. CONDUITS SHALL BE EMT OR RIGID W/ SEAL-OFFS AS REQUIRED E LOCAL AND NATIONAL ELECTRICAL CODES. CONDUITS CAN TRANSITION TO PVC ONCE EXTEND 20'-0" FROM TANK OR DISPENSER.

CANOPY ORIENTATION MAY VARY. SEE SITE PLAN SD1.01 FOR PROPER ORIENTATION

For Information Purposes Only NOT FOR CONSTRUCTION

The above drawings and specifications and ide designs and arrangements represented thereby and shall remain the property of the architect: and part thereof shall be copied, altered or adapted with the written consent of the architect. Visual confact these drawings or specifications shall constitutions. Written dimensions on these drawings shall have precedence over scaled dimensions shall verify and be responsible for dimensions and conditions on the job and this of must be notified of any variations from the dimensions and conditions shown by these drawings. Shop det must be submitted to this office for approval before and according the contractions.



Drawn by : BLK/DDG_ Checked by: BLK

Release Date: 11.16.23

Job #: JBR - FY24

AST FUELING -DUAL LANE,

SINGLE TANK

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