

RFP # 17-058P
DESIGN - BUILD FREESTANDING STEEL BRIDGE CRANE
AND RELATED SERVICES
ADDENDUM No. 1
May 23, 2017

A. Clarifications

1. Section 1.3, Item G (Power Volts): Requirements for Power volts will now accept single phase. (Section 1.8 systems options is correct)
2. Please see the attached links to directories providing Certified DBEs.
 - a. <http://www3b.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory/CustomSearch.aspx>
 - b. <https://osd.dms.myflorida.com/directories>
 - c. <https://tampa.diversitysoftware.com/?TN=tampa>
3. Documents attached to this Addendum:
 - a. Dimension breakdown for Free Standing Bridge Crane (1 page)
 - b. Structural Drawings Maintenance (29 pages)
 - c. Maintenance Architectural Drawing MA0.00- MA1.13 (6 pages)
 - d. Maintenance Architectural Drawing MA2.01C- MA3.03 (7 pages)

B. Questions and Answers

1. **Question:** Can 3 phase power of some sort be made available to the area? If so, what type? Ex. 230-3-60, 460-3-60, etc...

Response: Both 208 volt 3 phase and 480 volt 3 phase power can be provided. The panels serving this area have approximately 3 to 5 hp capacity. If a larger motor or feeder is required, a feeder from a panel further away can be provided.

2. **Question:** We would need to be released from the requirement on page twelve (12) item H. The Proposer must provide a 100% Performance Bond and a 50% Payment Bond.

Response: Please reference page 104 of the RFP document for Bonding requirements exceeding \$100,000.

Bonding for Construction Activities Exceeding \$100,000	5% bid guarantee bond. 100% performance bond. Payment bond equal to: – 50% for contracts < \$1M. – 40% for contracts >\$1M – < \$5M. – \$2.5M for contracts > \$5M.	§ 15.o(1)
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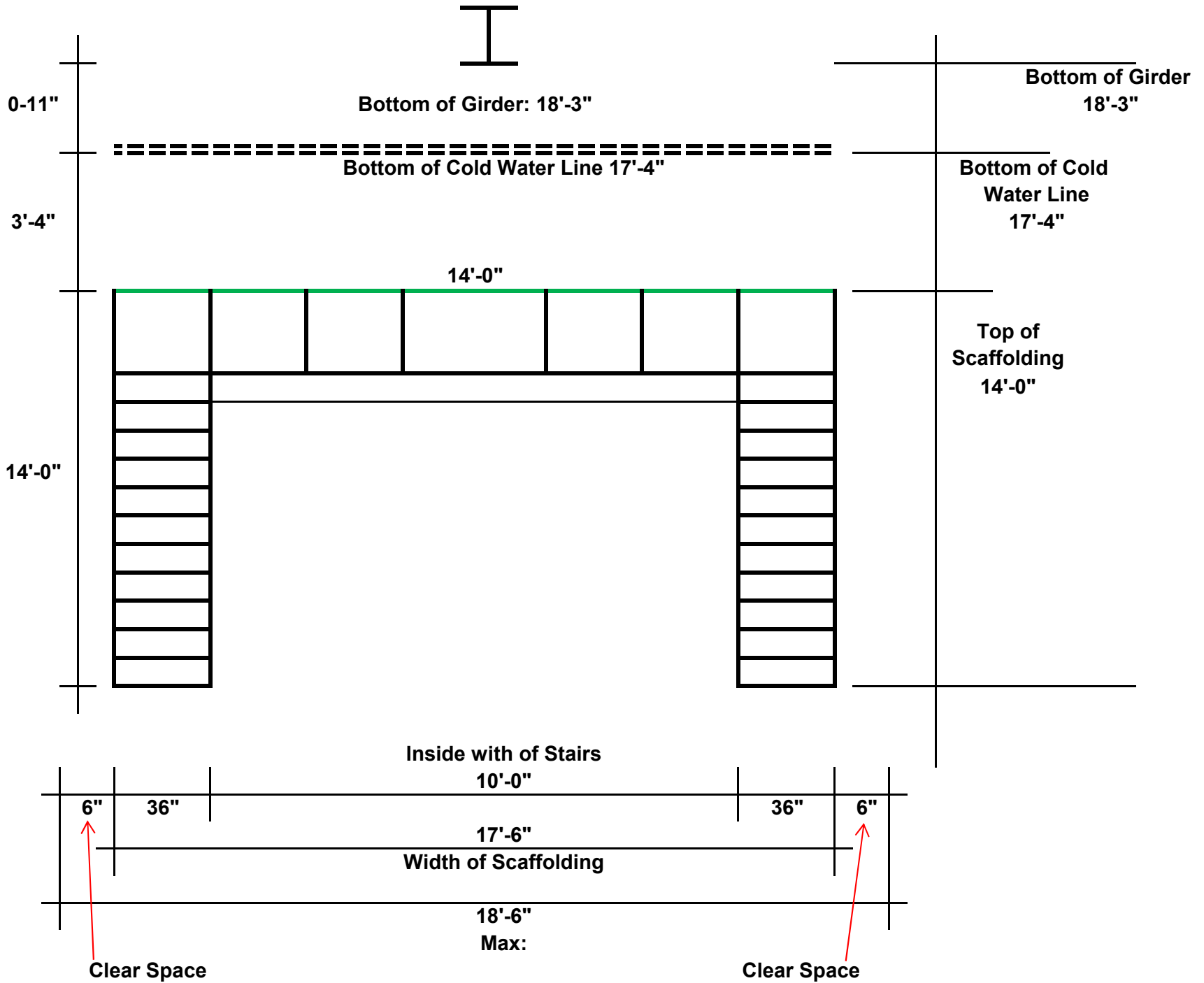
All other Proposal terms and conditions originally issued remain unchanged.

REMINDER: Make sure you mark "Addendum No. 1" on Attachment "1" Acknowledgement of Addendum and remember to sign and return Acknowledgement Addendum form with your submittal package. Failure to do so may result in the disqualification of your proposal submittal.

The RFP is revised to the extent specifically amended by this Addendum #1. Otherwise, all provisions of the RFP remain in effect.

Eric L. Haubner
Purchasing Agent II
Pinellas Suncoast Transit Authority
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Dimension breakdown for Free Standing Bridge Crane



Proposer's are responsible for verifying field dimensions.

Structural Drawings Maintenance



Pinellas Suncoast Transit Authority

Administration Building: 3201 Scherer Drive Pinellas County, Florida 33771
Maintenance Building: 3101 Scherer Drive Pinellas County, Florida 33771

Volume 3
Maintenance Building



PB PARSONS BRINCKERHOFF
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REV	DESCRIPTION	DATE



New Administration, Operation and Maintenance Facility for:
PSIA
Pinellas Suncoast Transit Authority
Scherer Drive
Pinellas County, Florida 33771

RECORD DOCUMENTS

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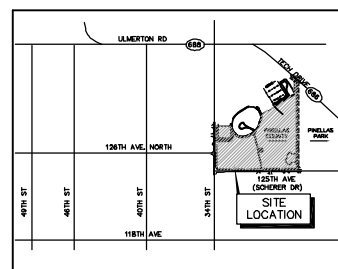
DATE OF SEAL

SHEET CONTENT
MAINTENANCE BUILDING
PROJECT COVER SHEET

DATE
SCALE NONE
DRAWN BY TAS
CHECKED BY MDC
APPROVED BY

PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER
SHEET NUMBER **G0.03**

LOCATION MAP:



SECTION 11 TOWNSHIP 30S RANGE 16E
PINELLAS COUNTY, FLORIDA

PROJECT TEAM:

Architecture Mechanical Electrical
Plumbing Fire Protection Interior Design



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Structural

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PINELLAS SUNCOAST TRANSIT AUTHORITY

Table with 3 columns: REV, DESCRIPTION, DATE. Lists various drawing revisions and dates.

INDEX TO DRAWINGS:

VOLUME 1 SITEWORK:

Table of drawing list for Volume 1 Sitework, including General, Sitework - Civil, and Sitework - Electrical entries.

Table of drawing list for Volume 1 Sitework - Electrical, including General Notes, Abbreviations, and Symbols.

Table of drawing list for Volume 1 Sitework - Landscape & Irrigation, including General Notes, Abbreviations, and Symbols.

Table of drawing list for Volume 1 Sitework - Plumbing, including Site Plumbing Plan and Electrical Power.

VOLUME 2 BUILDING #1, ADMINISTRATION:

Table of drawing list for Volume 2 Administration, including General, Administration Building - Structural, and Administration Building - Mechanical.

Table of drawing list for Volume 2 Administration - Structural, including Foundation, Second Floor Framing, and Roof Framing.

Table of drawing list for Volume 2 Administration - Structural (continued), including Structural Details for various levels.

NOTE: STRUCTURAL GENERAL NOTES & DETAILS ARE DUPLICATED IN VOLUMES 2, 3 AND 4. SOME DETAILS MAY NOT APPLY TO ALL VOLUMES.

Table of drawing list for Volume 2 Administration - Mechanical, including General Notes, Abbreviations, and Symbols.

Table of drawing list for Volume 2 Administration - Fire Protection, including General Notes, Abbreviations, and Symbols.

Table of drawing list for Volume 2 Administration - Plumbing, including Plumbing Legend and General Notes.

Table of drawing list for Volume 2 Administration - Mechanical (continued), including Mechanical Legend and General Notes.

Table of drawing list for Volume 2 Administration - Electrical, including Electrical Legend and General Notes.

Table of drawing list for Volume 2 Administration - Mechanical (continued), including Mechanical Legend and General Notes.

VOLUME 2 BUILDING #3, BRIDGE:

Table of drawing list for Volume 2 Bridge - Structural, including Bridge Foundation, Second Floor, and Structural Details.

Table of drawing list for Volume 2 Bridge - MEP/FP, including Bridge Mechanical, Electrical and Plumbing, Bridge Lighting System, and Bridge Fire Protection.

VOLUME 3 BUILDING #2, MAINTENANCE:

Table of drawing list for Volume 3 Maintenance, including General, Maintenance Building - Structural, and Maintenance Building - Plumbing & Piping.

Table of drawing list for Volume 3 Maintenance - Structural, including General Notes, Abbreviations, and Symbols.

Table of drawing list for Volume 3 Maintenance - Structural (continued), including Foundation Plan, Section A, and Section B.

Table of drawing list for Volume 3 Maintenance - Architectural, including General Notes, Abbreviations, and Symbols.

Table of drawing list for Volume 3 Maintenance - Electrical, including Electrical Legend and General Notes.

Table of drawing list for Volume 3 Maintenance - Mechanical, including Mechanical Legend and General Notes.

Table of drawing list for Volume 3 Maintenance Building - Equipment, including Pit Level Plan, First Floor Plan, and Section A.

Table of drawing list for Volume 3 Maintenance Building - Plumbing & Piping, including Plumbing Legend and General Notes.

Table of drawing list for Volume 3 Maintenance Building - Mechanical, including Mechanical Legend and General Notes.

Table of drawing list for Volume 3 Maintenance Building - Mechanical (continued), including Mechanical Keyed Notes and Mechanical Keyed Notes.

Table of drawing list for Volume 3 Maintenance Building - Electrical, including Electrical Legend and General Notes.

Table of drawing list for Volume 3 Maintenance Building - Electrical (continued), including Electrical Legend and General Notes.

VOLUME 4 FUEL & REVENUE FACILITIES BUILDING #4, VAULT BUILDING #5, FUELING BUILDING #6, WASH BUILDING #7, TANK FARM:

Table of drawing list for Volume 4 Fuel & Revenue Facilities, including General, Fuel & Revenue Facilities - Structural, and Fuel & Revenue Facilities - Architectural.

Table of drawing list for Volume 4 Fuel & Revenue Facilities - Structural, including General Notes, Abbreviations, and Symbols.

Table of drawing list for Volume 4 Fuel & Revenue Facilities - Architectural, including General Notes, Abbreviations, and Symbols.

Table of drawing list for Volume 4 Fuel & Revenue Facilities - Equipment, including Equipment Plan and Fuel & Revenue.

Table of drawing list for Volume 4 Fuel & Revenue Facilities - Equipment (continued), including Equipment Plan and Wash & Fuel Storage.

Table of drawing list for Volume 4 Fuel & Revenue Facilities - Plumbing & Piping, including Plumbing Legend, Schedule, and General Notes.

Table of drawing list for Volume 4 Fuel & Revenue Facilities - Mechanical, including Mechanical Legend and General Notes.

Table of drawing list for Volume 4 Fuel & Revenue Facilities - Electrical, including Electrical Legend and General Notes.

New Administration, Operation and Maintenance Facility for: PSTA Pinellas Suncoast Transit Authority, Scherer Drive, Pinellas County, Florida 33771

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Table with 2 columns: DATE OF SEAL, SHEET CONTENT. Includes project information like DATE, SCALE, DRAWN BY, CHECKED BY, APPROVED BY.

Table with 2 columns: PB PROJECT NUMBER, CLIENT PROJECT NUMBER. Includes sheet number 15550FFD and sheet number G1.10.

STRUCTURAL STEEL (REEF SECTION 05120)

- STEEL SHALL CONFORM TO THE FOLLOWING ASST. SPECIFICATION:
 - W-SHAPES (O.N.O.), A572(GR50)
 - STRUCTURAL STEEL PIPE (FY=35)
 - STRUCTURAL STEEL TUBE (FY=46)
 - BASE PLATES AND CONNECTION PLATES (FY=36)
 - ALL OTHER STEEL (FY=36)
- BOLTED CONNECTIONS:
 - ALL TRUSS CONNECTIONS, A325-SC, SLIP CRITICAL, SIZES AS SHOWN IN THE DETAILS
 - LOAD WASHERS MUST BE USED FOR FIELD CONNECTIONS.
 - ALL BEAM TO COLUMN CONNECTIONS, BRACE CONNECTIONS AND MOMENT CONNECTED MEMBERS SHALL HAVE A325-N
 - ALL OTHER CONNECTIONS (UNLESS NOTED OTHERWISE) 3/4" DIAMETER, A325 N
 - OVERSIZED AND LONG-SLEEVED HOLES ARE PERMITTED ONLY WHEN DESIGN BY CONNECTION DELEGATED ENGINEER IS SUBMITTED AND APPROVE PRIOR TO SUBMISSION OF STEEL CONNECTION SHOP DWGS.
- STRUCTURAL DRAWINGS.
 - THE SHOP DRAWINGS SHALL CLEARLY INDICATE THE TYPE OF BOLT USED IN EACH CONNECTION AND THE ALLOWABLE VALUES USED FOR THE VARIOUS BOLT TYPES.
- THE FOLLOWING MINIMUM STANDARDS APPLY: (U.N.O.)
 - MINIMUM PLATE THICKNESS" 3/8"
 - MINIMUM BOLT DIAMETER" 3/4"
 - MINIMUM WELD" THICK THROAT 3/16"
 - MINIMUM DESIGN LOAD ON ANY CONNECTION 10 kips
- WELDED CONNECTIONS:
 - ALL SHOP AND FIELD WELDING SHALL CONFORM TO WAS STRUCTURAL WELDING CODE, ANSI D1.1
 - MINIMUM WELD: 3/16" THICK THROAT.
 - ALL STEEL TO STEEL CONNECTIONS NOT SHOWN BOLTED SHALL BE WELDED TO DEVELOP FULL SHEAR CAPACITY OF CONNECTING MEMBERS AS PER AISC SPECIFICATIONS. MINIMUM SIZE OF FILLET WELD (UNLESS NOTED OTHERWISE ON DRAWINGS):
MATERIAL THICKNESS OF MINIMUM SIZE OF THICKER PART JOINED FILLET WELD:
TO 1/4" INCLUSIVE 1/8" ALL AROUND
TO 1/4" TO 1/2" 3/16" ALL AROUND
OVER 1/2" TO 3/4" 1/4" ALL AROUND
OVER 3/4" TO 1 1/2" 5/16" ALL AROUND
- SPLICING OF STRUCTURAL STEEL WHERE NOT DETAILED IS PROHIBITED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT.
- BEAM CONNECTIONS:
 - DESIGN CONNECTIONS FOR BEAMS TO SUPPORT 0.55 OF THE UNIFORM CAPACITY SHOWN IN AISC "TABLES FOR ALLOWABLE LOADS ON BEAMS" FOR THE GIVEN SECTION AND SPAN UNLESS OTHERWISE SHOWN.
- GALVANIZING:
 - HOT-DIP GALVANIZE AFTER FABRICATION ALL STRUCTURAL STEEL ITEMS AND THEIR CONNECTIONS PERMANENTLY EXPOSED TO THE OUTSIDE.
 - EXAMINE DRAWINGS FOR OTHER ITEMS TO BE GALVANIZED.
- ANCHOR BOLTS EXCEPT FOR STEEL TRUSSES:
 - ALL ANCHOR BOLTS SHALL BE MADE FROM THREADED ROUND STOCK, ASTM A36. ALL ANCHOR BOLTS, NUTS AND WASHERS USED WITH GALVANIZED BASE PLATES SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
 - NUTS SHALL BE HEX HEAD, ASTM A563.
 - WASHERS FOR ALL BASE PLATES SHALL BE 1/4" THICK PLATES EXTENDING MINIMUM 1" FROM EDGE OF BASE PLATE HOLES ON EACH SIDE WITH HOLES 1/16" LARGER THAN THE NOMINAL BOLT DIAMETER AND CONFORM TO ASTM A36.
 - ALL ANCHOR BOLTS SET IN CONCRETE SHALL UTILIZE TEMPLATES. TEMPLATES SHALL BE DETAILED ON THE SHOP DRAWINGS.
- NON-SHRINK GROUT FOR BASE PLATES AND BEARING PLATES
 - NON-METALLIC, SHRINKAGE RESISTANT, PREMIXED, NON-CORROSIVE, NON-STAINING PRODUCT CONTAINING PORTLAND CEMENT, SILICA SANDS, SHRINKAGE COMPENSATING AGENTS, AND FLUIDITY IMPROVING COMPOUNDS, AND SHALL CONFORM TO CORPS OF ENGINEERS SPECIFICATION FOR NON-SHRINK GROUT, CRD-C621-83.
 - TWENTY-EIGHT DAY COMPRESSIVE STRENGTH SHALL BE A MINIMUM OF 6,000 PSI.
- SUBMITTALS:
 - SEE INDIVIDUAL SPECIFICATION SECTIONS FOR DESIGN RESPONSIBILITIES AND THE STRUCTURAL ENGINEER OF RECORD'S REVIEW RESPONSIBILITIES WITH REGARD TO SUBMITTAL REVIEW.
 - SEE STRUCTURAL SPECIFICATIONS FOR ADDITIONAL SUBMITTAL REQUIREMENTS AND PROCEDURES.
 - REPRODUCTION OF STRUCTURAL DRAWINGS FOR SHOP DRAWINGS WILL NOT BE PERMITTED.
 - REVIEW OF SUBMITTALS OR SHOP DRAWINGS BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK ALL SUBMITTALS AND SHOP DRAWINGS BEFORE SUBMITTING TO THE STRUCTURAL ENGINEER. CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS.

ENGINEERED LIGHT-GAGE METAL FRAMING (REF SECTION 05400)

- DESIGN OF ENGINEERED LIGHT-GAGE METAL FRAMING IS THE SOLE RESPONSIBILITY OF THE METAL SUPPLIER. SUBMIT SHOP DRAWINGS SEALED BY AN ENGINEER (DELEGATED ENGINEER) LICENSED IN THE STATE OF FLORIDA. REVIEW OF SHOP DRAWINGS SHALL BE FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS REGARDING ARRANGEMENT AND SIZES OF MEMBERS AND THE CONTRACTOR'S INTERPRETATION OF THE DESIGNS LOADS AND CONTRACT DOCUMENT DETAILS. SUCH REVIEW DOES NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR THE DESIGN OF THE ENGINEERED LIGHT-GAGE METAL FRAMING AND THEIR CONNECTIONS.
- LIGHT-GAGE METAL FRAMING SHALL BE DESIGNED IN ACCORDANCE WITH THE DESIGN/ CODE INFORMATION LISTED AT THE BEGINNING OF THESE STRUCTURAL GENERAL NOTES.
- DESIGN OF LIGHT GAGE METAL FRAMING SHALL CONFORM TO THE LATEST EDITION OF SPECIFICATION FOR THE DESIGN OF COLD-FORMED STRUCTURAL STEEL MEMBERS, AISI

OPEN WEB STEEL JOISTS (REF. SECTION 05210)

- ALL STEEL JOISTS SHALL CONFORM TO THE STANDARDS OF THE STEEL JOIST INSTITUTE.
 - ROOF DEAD LOAD.....10 PSF
 - SUPERIMPOSED DEAD LOAD.....10 PSF
 - LIVE LOAD.....20 PSF
- THE JOIST MANUFACTURER SHALL REVIEW THE DRAWINGS AND PROVIDE JOISTS CAPABLE OF CARRYING THE FOLLOWING LOADS:
 - ROOF DEAD LOAD.....10 PSF
 - SUPERIMPOSED DEAD LOAD.....10 PSF
 - LIVE LOAD.....20 PSF
- NOT USED
- THE JOISTS SHOWN ON THE PLANS ARE THE MINIMUM SIZE REQUIRED. DEPTHS SHOWN MAY NOT BE EXCEEDED.
- JOISTS SHOULD BE CAMBERED IN ACCORDANCE WITH S.J.I. STANDARD CAMBERS.
- JOISTS SHALL BE WELDED TO ALL SUPPORTING BEAMS WITH A MINIMUM OF TWO 3/16 INCH BY 2 INCH LONG FILLET WELDS, OR FOR THE UPLIFT FORCE WHICHEVER IS GREATER.
- PROVIDE A MINIMUM END BEARING ON STEEL SUPPORTS AS REQUIRED BY SJI. STAGGER THE ENDS OF JOISTS IF NECESSARY.
- PROVIDE HORIZONTAL OR DIAGONAL TYPE BRIDGING FOR ALL JOISTS AS REQUIRED BY SJI SPECIFICATION. THE ENDS OF ALL BRIDGING LINES TERMINATING AT WALLS OR BEAMS SHALL BE ANCHORED THERETO AT TOP AND BOTTOM CHORDS. PROVIDE ALL REQUIRED BRIDGING ANCHORS.
- PROVIDE ALL JOISTS AND ACCESSORIES WITH ONE SHOPCOAT OF PAINT AS SPECIFIED IN SJI STANDARDS. PREPARE SURFACE AS REQUIRED BY PAINT MANUFACTURERS RECOMMENDATIONS AND PROVIDE A CONTINUOUS DRY PAINT THICKNESS OF NOT LESS THAN 1 MIL. STEEL JOISTS THAT ARE TO RECEIVE SPRAYED FIREPROOFING. PAINT ADHESION SHALL CONFORM TO THE SPECIFICATIONS OF THE UNDERWRITERS LABORATORIES.
- REFER TO THE SPECIFICATIONS FOR ALL OTHER REQUIREMENTS.
- EXAMINE ARCHITECTURAL, STRUCTURAL AND MECHANICAL DRAWINGS FOR ANY ACCESSORIES OR ATTACHMENTS REQUIRED TO BE PROVIDED FOR STEEL JOISTS.

PRE-ENGINEERED METAL BUILDINGS (REF. SECTION 13125)

- DESIGNS OF PRE ENGINEERED SYSTEMS SPECIFIED IN THE CONTRACT DOCUMENTS WHICH ARE DESIGNED/ ENGINEERED BY OTHERS IS THE SOLE RESPONSIBILITY OF THE PEMB SUPPLIER. SUBMITTALS OF SUCH SYSTEMS SHALL BE SEALED BY AN ENGINEER LICENSED IN THE PROJECT STATE. REVIEW OF SUBMITTALS BY THE STRUCTURAL ENGINEER SHALL BE FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS WITH REGARD TO THE ARRANGEMENT AND SIZES OF MEMBERS SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS AND THE CONTRACTOR'S INTERPRETATION OF THE DESIGN INFORMATION INCLUDED IN THE CONTRACT DOCUMENTS. SUCH REVIEW BY THE STRUCTURAL ENGINEER SHALL NOT IMPLY ANY RESPONSIBILITY FOR THE ACTUAL DESIGNS OF SUCH SYSTEMS. CONTRACTOR HAS FULL RESPONSIBILITY FOR DIMENSIONAL ACCURACY AND CONFORMANCE WITH THE INFORMATION CONTAINED IN THE CONTRACT DOCUMENTS.
- SEE SPECIFIC SECTIONS OF STRUCTURAL GENERAL NOTES BELOW AND SPECIFICATIONS FOR THE APPROPRIATE DESIGN RESPONSIBILITIES OF THE CONTRACTOR.
- A CERTIFIED TESTING AGENCY SHALL BE ENGAGED BY CONTRACTOR TO PERFORM INDUSTRY STANDARD INSPECTIONS TO ENSURE CONFORMANCE WITH PLANS AND SPECIFICATIONS (IF PROVIDED). SUBMIT REPORTS TO ARCHITECT AND ENGINEER.
- ALL STRUCTURAL STEEL SHALL BE MINIMUM ASTM A36 UNLESS NOTED OTHERWISE.
- STRUCTURAL SUBMITTALS ARE REQUIRED FOR REVIEW AS AN INDICATION THAT INTENT HAS BEEN UNDERSTOOD AND THAT SPECIFIED CRITERIA HAVE BEEN USED.
- STRUCTURAL SUBMITTALS SHALL IDENTIFY THE PROJECT AND LIST LOADING AND OTHER DESIGN CRITERIA. FABRICATION AND ERECTION DRAWINGS SHALL INDICATE IN DETAIL THE CONSTRUCTION OF THE STANDARD STRUCTURE USED OR AS MODIFIED TO COMPLY WITH THE REQUIREMENTS OF THE PARTICULAR PROJECT. THEY SHALL INDICATE ALL CONNECTION DETAILS, OPENINGS AND OTHER SPECIAL DETAILS. THEY SHALL SHOW THE MAGNITUDE AND LOCATION OF BUILDING REACTIONS ON THE FOUNDATION UNDER ALL DESIGN CONDITIONS. CALCULATIONS SUPPORTING THE DESIGN SHALL BE SUBMITTED NOT ONLY FOR THE STANDARD STRUCTURE BUT FOR MODIFICATIONS AND FOR RELATED COMPONENTS REQUIRING STRUCTURAL DESIGN.
- COLUMN REACTIONS AND ANCHOR BOLT GROUP DESIGN SHALL BE DETERMINED BY METAL BUILDING MANUFACTURER. TO TRANSMIT LOADS TO THE FOUNDATIONS. THESE DESIGNS SHALL BE SUBMITTED TO THE ENGINEER FOR FINAL COORDINATION WITH FOUNDATION. NO FABRICATION OF PEMB SHALL BEGIN PRIOR TO APPROVED ANCHOR BOLT DESIGNS.
- MOMENT FRAME BRACING LOCATIONS AS LATERAL RESISTING ELEMENTS ARE SHOWN ON THE DWGS. SUBMIT LOCATION OF ALL LATERAL RESISTING ELEMENTS FOR APPROVAL. NO X-BRACING IS PERMITTED UNLESS LOCATIONS ARE APPROVED BY ARCHITECT.
- PROVIDE MIDHEIGHT HORIZONTAL STRUCTURAL MEMBER TO BRACE ALL EXTERIOR CMU AND TILT WALLS EXCEEDING 19FT. HEIGHT.

TILT-UP CONCRETE PANELS (REF. SECTION 03470)

- REINFORCING STEEL SHOWN ON PLANS IS FOR THE DESIGN OF SLABS INPLACE. ANY ADDITIONAL REINFORCING STEEL REQUIRED FOR LIFTING, TOGETHER WITH THE NECESSARY LIFTING INSERTS AND FASTENERS, IS TO BE PROVIDED BY THE TILT-SLAB CONTRACTOR-ENGINEER.
- THE PANELS SHALL BE SUPPORTED TEMPORARILY IN PLACE AND BRACED TO WITHSTAND ALL LOADS UNTIL THEY ARE SUPPORTED BY THE STRUCTURAL STEEL MEMBERS AND ROOF DECKING.
- ALL PANELS SHALL BE ALIGNED AND CONNECTED TOGETHER.
- GROUTING UNDER PANELS SHALL BE CONTINUOUS AND ACROSS FULL WIDTH OF PANELS, AFTER PANELS ARE PLUMB AND SET FOR THEIR FINAL POSITION.
- FOR SIZE AND LOCATION ON EMBEDS FOR BEAM CONNECTIONS, SEE FLOOR AND ROOF PLANS AND CONNECTION DETAILS.
- CONCRETE FOR ALL PANELS f'_c AT 28 DAYS = 5000 PSI, f_y = 60 KSI. LOCATE ALL EMBEDS CORRECTLY IN THE CAST PANELS.
- PANEL DIMENSIONS TO BE CHECKED FOR ACCURACY BY CONTRACTOR.
- VERIFY WITH MECHANICAL, ELECTRICAL, AND PLUMBING FOR OPENINGS IN CONCRETE TILT-UPS.
- ALL PANELS SHALL BE 9 1/4" THICK UNLESS NOTED OTHERWISE.
- ALL PANELS SHALL BE REINFORCED WITH #4's @12"o.c. HORIZONTAL AND VERTICAL, U.N.O. 2-#5 CONTINUOUS AT BOTTOM OF PANEL, 2-#5 CONTINUOUS AT EACH SIDE AND TOP.
- SEE STRUCTURAL DETAILS FOR DOWELS TO SLAB AND INSERTS AND PLATES FOR SUPPORT OF JOISTS AND BEAMS AND PANEL CONNECTIONS.
- PANELS SHALL NOT BE LIFTED UNTIL CONCRETE HAS ATTAINED A MINIMUM COMPRESSIVE STRENGTH f'_c OF 2500 PSI.
- DELEGATED ENGINEER SHALL PROVIDE SHORING PLANS SIGNED AND SEALED BY FLORIDA PE FOR THE ERECTION OF THE PANELS.
- CONTRACTOR TO PROVIDE PANEL SHOP DRAWINGS WITH ALL EMBEDS. ALL PANEL DIMENSIONS SHALL BE PROVIDED ON SHOP DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EMBEDS CORRECTLY IN THE CAST PANELS.



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 Scherer Drive
 Pinellas County, Florida 33771

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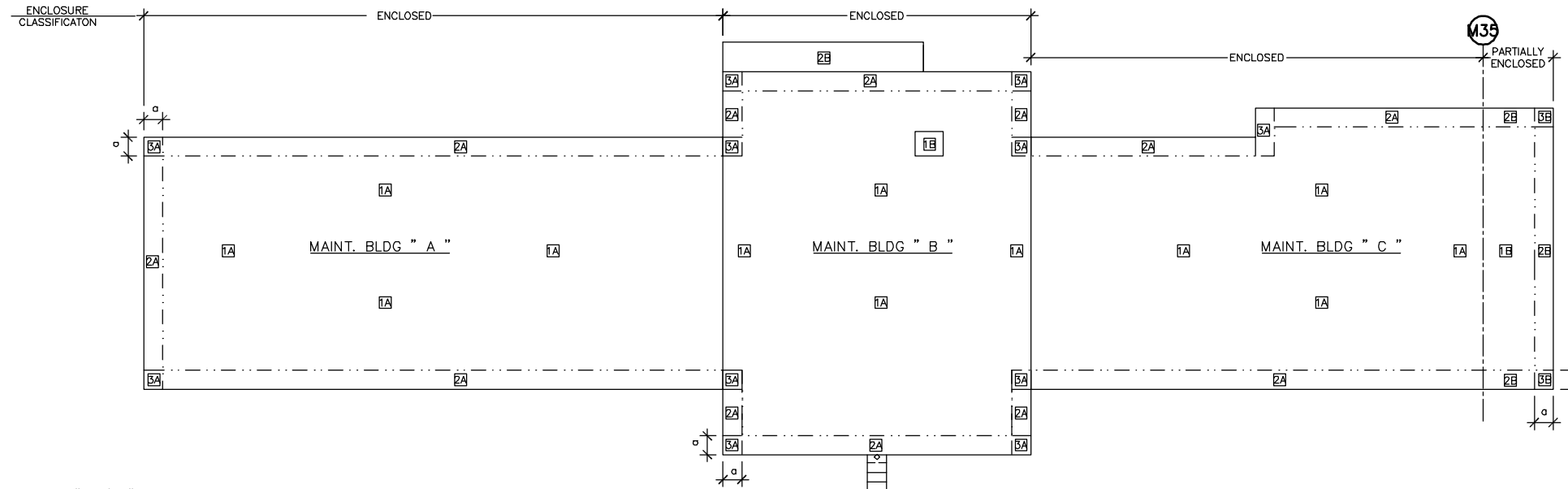
DATE OF SEAL

SHEET CONTENT GENERAL NOTES ABBREVIATIONS SYMBOLS

DATE	
SCALE	1/8" = 1'-0"
DRAWN BY	T.R.
CHECKED BY	P.A.
APPROVED BY	T.A.

PB PROJECT NUMBER 15550FFD
 CLIENT PROJECT NUMBER ---

SHEET NUMBER **S0.02**

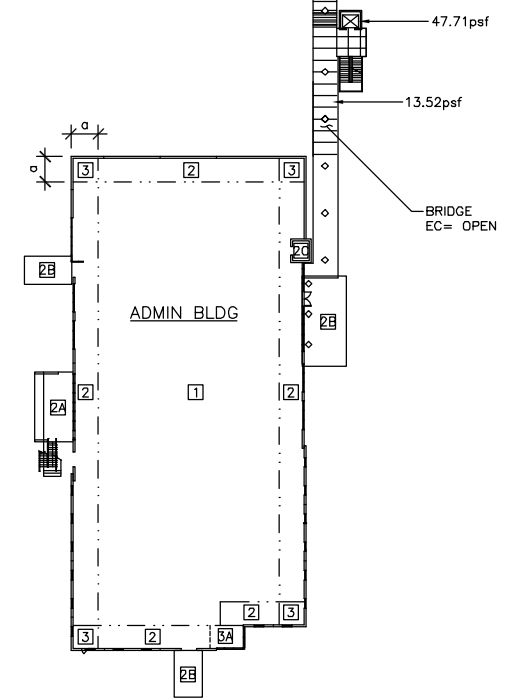


LEGEND

- 1 ROOF FRAMING INTERIOR ZONE
- 2 ROOF FRAMING EDGE ZONE
- 3 ROOF FRAMING CORNER ZONE
- 4 WALL INTERIOR ZONE (ALL ZONES OTHER THAN EXTERIOR ZONE)
- 5 WALL EXTERIOR ZONE (WITHIN ZONE DESIGNATED BY "a")

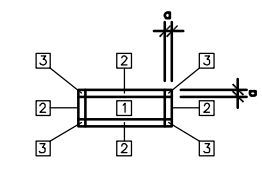
MAINT. BLDG "A/C"		MAINT. BLDG "B"	
1A	25.73 psf	1A	26.88 psf
2A	47.16 psf	2A	40.18 psf
3A	61.60 psf	3A	52.06 psf
4A	21.80 psf	1B	49.72 psf
5A	24.45 psf	4A	25.90 psf
1B	35.54 psf	5A	29.40 psf
2B	55.98 psf	4B	33.42 psf
3B	69.97 psf		
4B	30.62 psf		
5B	33.62 psf		
a = 10'-0"		a = 14'-0"	

NOTE: A. SEE PLANS ABOVE FOR MAINT. BLDGS ("A", "B", & "C") FOR ENCLOSURE CLASSIFICATION
 B. EXTERIOR CANOPIES AT PERIMETER OF MAINT. BLDG.
 EC= OPEN OVERHANG

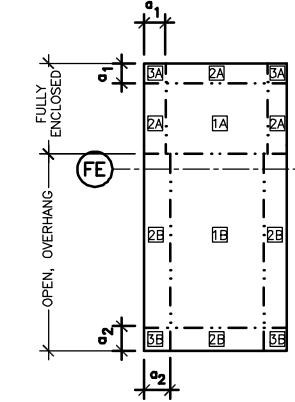


ADMIN BLDG: EC= ENCLOSED
 NOTE: EXTERIOR CANOPIES ALONG THE PERIMETER OF THE ADMIN BLDG
 EC= OPEN, OVERHANG

BUILDING	CANOPIES
1	25.97 psf
2	38.81 psf
3	50.28 psf
4	25.02 psf
5	28.39 psf
	2A 44.64 psf
	3A 63.81 psf
	4A 36.88 psf
	2B 40.35 psf
	3B 59.53 psf
	4B 32.59 psf
	5B 47.71 psf
	6B 39.06 psf
a = 10'-0"	

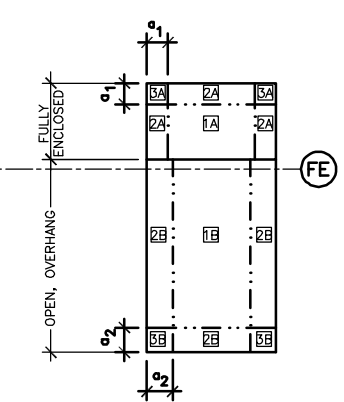


WASH BLDG
 1 38.08 psf
 2 39.43 psf
 3 46.00 psf
 a = 3'-0"
 WASH BLDG
 EC= OPEN, OVERHANG



FUEL BLDG
 1A 25.73 psf
 2A 47.16 psf
 3A 64.63 psf
 1B 38.08 psf
 2B 39.43 psf
 3B 46.00 psf
 4 24.78 psf
 5 28.13 psf

a₁ = 3'-6"
 a₂ = 6'-6"



REVENUE BLDG
 1A 25.73 psf
 2A 47.16 psf
 3A 64.63 psf
 1B 38.08 psf
 2B 39.43 psf
 3B 46.00 psf
 4 24.78 psf
 5 28.13 psf

a₁ = 3'-6"
 a₂ = 6'-6"

NOTE: SEE PLANS ABOVE FOR THE FUEL AND REVENUE BLDGS ENCLOSURE CLASSIFICATION

WIND UPLIFT ROOF PRESSURES (GROSS)

NOTES: 1. COMPONENTS AND CLADDING AS DEFINED BY ASCE 7-98
 2. BUILDING ENCLOSURE CLASSIFICATION (EC) AS DEFINED BY ASCE 7-98.



REV	DESCRIPTION	DATE

New Administration, Operation and Maintenance Facility for:
PSTA
Pinellas Suncoast Transit Authority
 Scherer Drive
 Pinellas County, Florida 33771

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DATE OF SEAL	
SHEET CONTENT	WIND UPLIFT ROOF PRESSURES
DATE	
SCALE	1/8" = 1'-0"
DRAWN BY	T.R.
CHECKED BY	P.A.
APPROVED BY	T.A.



REV	DESCRIPTION	DATE

New Administration, Operation and Maintenance Facility for:
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 Scherer Drive
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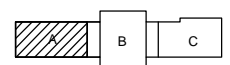
DATE OF SEAL

SHEET CONTENT
FOUNDATION PLAN SECTION A
DATE
SCALE 1/8"=1'-0"
DRAWN BY T.R.
CHECKED BY P.A.
APPROVED BY T.A.

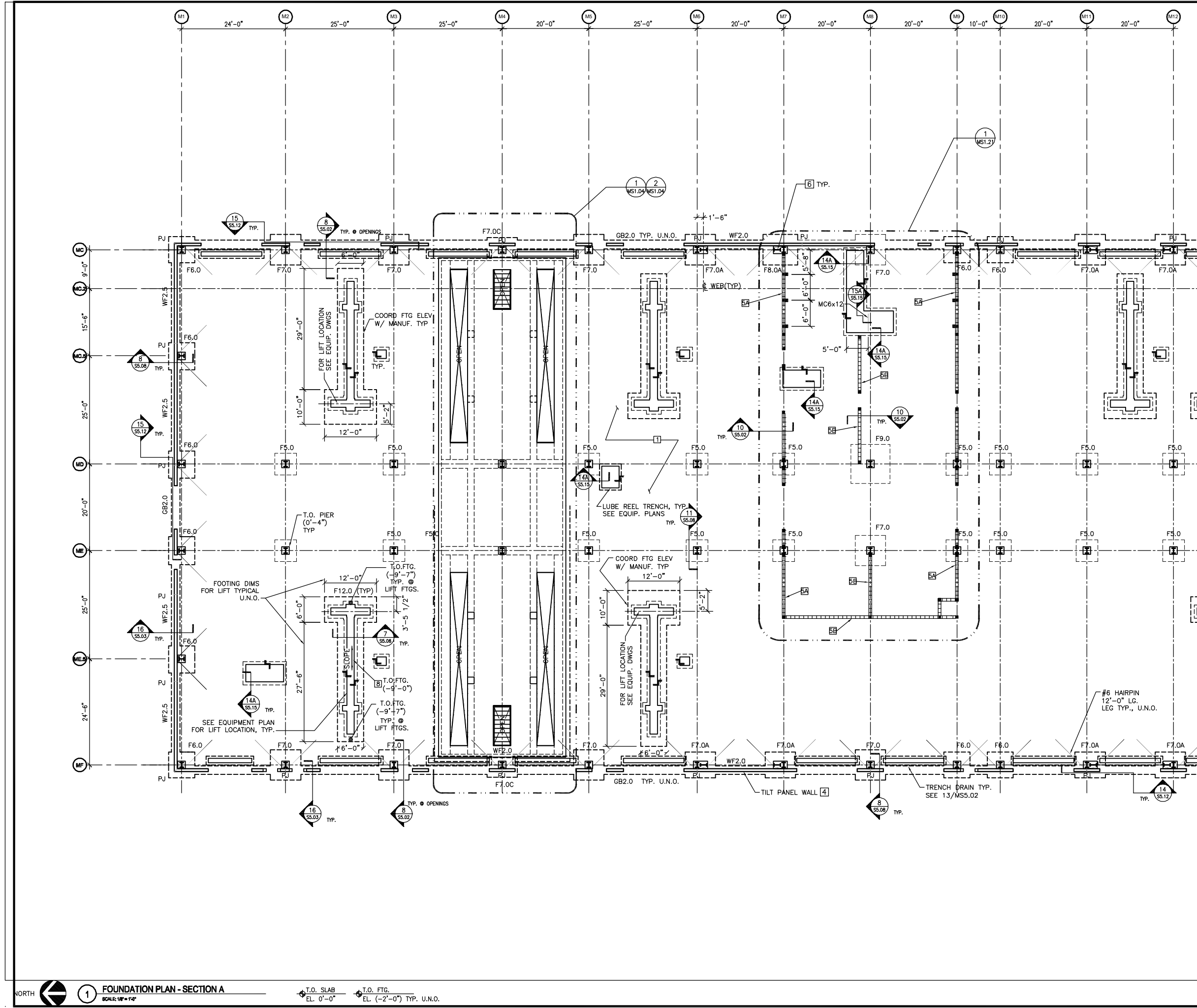
PB PROJECT NUMBER 15550FFD
 CLIENT PROJECT NUMBER
 SHEET NUMBER **MS1.01**

KEY NOTES (THIS SHEET ONLY)

- PLAN NOTES**
- 8" (TOTAL) CONCRETE SLAB REINFORCING W/ #4 @ 12" O.C. T & B EACH WAY OVER VAPOR BARRIER (SEE ARCH'L. DRWGS.) ON COMPACTED SUB-GRADE. COORDINATE ALL SLAB SLOPES AND DEPRESSIONS WITH ARCH'L. & EQUIPMENT DWGS. (COORD. ACTUAL SLAB ELEVATIONS WITH ARCH'L. AND / OR CIVIL DRAWINGS.)
 - SEE ARCH'L. DRAWINGS FOR LOCATION/LIMITS AND CONSTRUCTION INFORMATION OF INTERIOR NON-BEARING MASONRY PARTITION WALLS PROVIDE THICKENED SLAB UNDER ALL SUCH NON-BEARING MASONRY WALLS AND REIN. W/(1)-#5 (VERTICAL) W/MATCHING DOWEL AT THICKENED SLAB/FTG. IN SOLID CONCRETE, SEE 4/SS.02 FILL DOWELS AT ALL CORNERS, END OF WALLS, ADJACENT MASONRY OPENINGS (VERIFY SIZE, LOCATION AND ELEVATIONS W/ ARCH'L. DRAWINGS) AND BETWEEN AT 96"O.C. (MAX.) SEE SS.07 FOR FURTHER INFORMATION. TERMINATE NON-BEARING MASONRY WALLS AT ELEVATION (SEE ARCH'L) AND CAP W/8" KNOCK-OUT BLOCK COURSE CONT. REINFORCED W/(1)-#5 CONT. AND GROUT FILLED SOLID.
 - MAXIMUM SPACING OF SAW-CUT CONTROL JOINTS IS AS FOLLOWS:
 ENCLOSED (INTERIOR) SPACES = 20'-0"O.C. OUTSIDE (EXTERIOR SPACES = 12'-0"O.C. (SPACING DIMENSIONS ARE TYP. IN BOTH DIRECTIONS) SEE "CONTROL JOINT DETAIL" 14/SS.02 FOR FURTHER INFORMATION.
 - C.I.P. - TILT WALL PANELS - IN THE INSULATED SECTION (GRIDS M1-M15 @ BLDG A) THE PANEL ASSEMBLY IS A 2 3/4" OUTER WYTHE, 1" INSULATION (SEE ARCH'L AND 8/SS.03 & 9/SS.03 FOR APPLICABILITY), AND 5 1/2" INNER STRUCTURAL WYTHE (9 1/4" TOTAL OVERALL THICKNESS INCLUDING REVEALS) W/ REINFORCING OF 6X6-W3.5XW3.5 W.W.F. IN THE OUTER WYTHE AND A SINGLE LAYER OF #5@12" O.C. HORIZ. & VERT. IN THE INNER WYTHE, AND IN THE SOLID SECTION THE PANEL IS 9 1/4" THICK OVERALL INCLUDING REVEALS (8 1/2" STRUCTURAL THICKNESS) W/ REINFORCING OF A SINGLE LAYER OF #5@12" O.C. HORIZ. & VERT. TYP. U.N.O. (SEE 4/SS.13).
 - INDICATES 8" MASONRY BEARING WALLS REINFORCED WITH (1)-#7 (VERTICAL) W/ MATCH DOWELS AT WALL FOOTINGS IN SOLID CONCRETE FILLED CELLS AT ALL CORNERS, ADJACENT MASONRY OPENINGS, (VERIFY SIZE, LOCATION AND ELEVATIONS WITH ARCH'L. DRWGS.) AND BETWEEN AS INDICATED BELOW. SEE PLAN FOR ADDITIONAL CELLS AS REQUIRED. TERMINATE TOP OF VERTICAL WALL REINFG. WITH STANDARD 90° HOOK, 6" CLEAR FROM TOP OF FORMED AND POURED CONC. TIE BEAM ABOVE. (SEE SHEET MS1.21 "PARTIAL PLAN MEZZANINE"
 A: @16" O.C.
 B: @32" O.C.
 - PEMB PORTAL FRAME, SEE ARCH'L DWGS. FOR CLEARANCE REQUIREMENTS.
 - NOT USED
 - SLOPE LIFT FTG. AS SHOWN, SEE MEP DWGS. FOR SPECIFIC DRAIN LOCATIONS.



MAINTENANCE BUILDING KEYPLAN



FOUNDATION PLAN - SECTION A
 SCALE: 1/8"=1'-0"
 NORTH
 T.O. SLAB EL. 0'-0"
 T.O. FTG. EL. (-2'-0") TYP. U.N.O.



PB ENGINEERING
1931 Chestnut Street, Saint Louis, MO 63103-2225
T 314.421.1476 F 314.421.1741 I www.pbengr.com



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Pinellas County, Florida 33771

RECORD DOCUMENTS

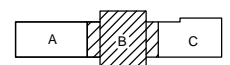
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DATE OF SEAL	
SHEET CONTENT	FOUNDATION PLAN SECTION B
DATE	
SCALE	1/8"=1'-0"
DRAWN BY	T.R.
CHECKED BY	P.A.
APPROVED BY	T.A.

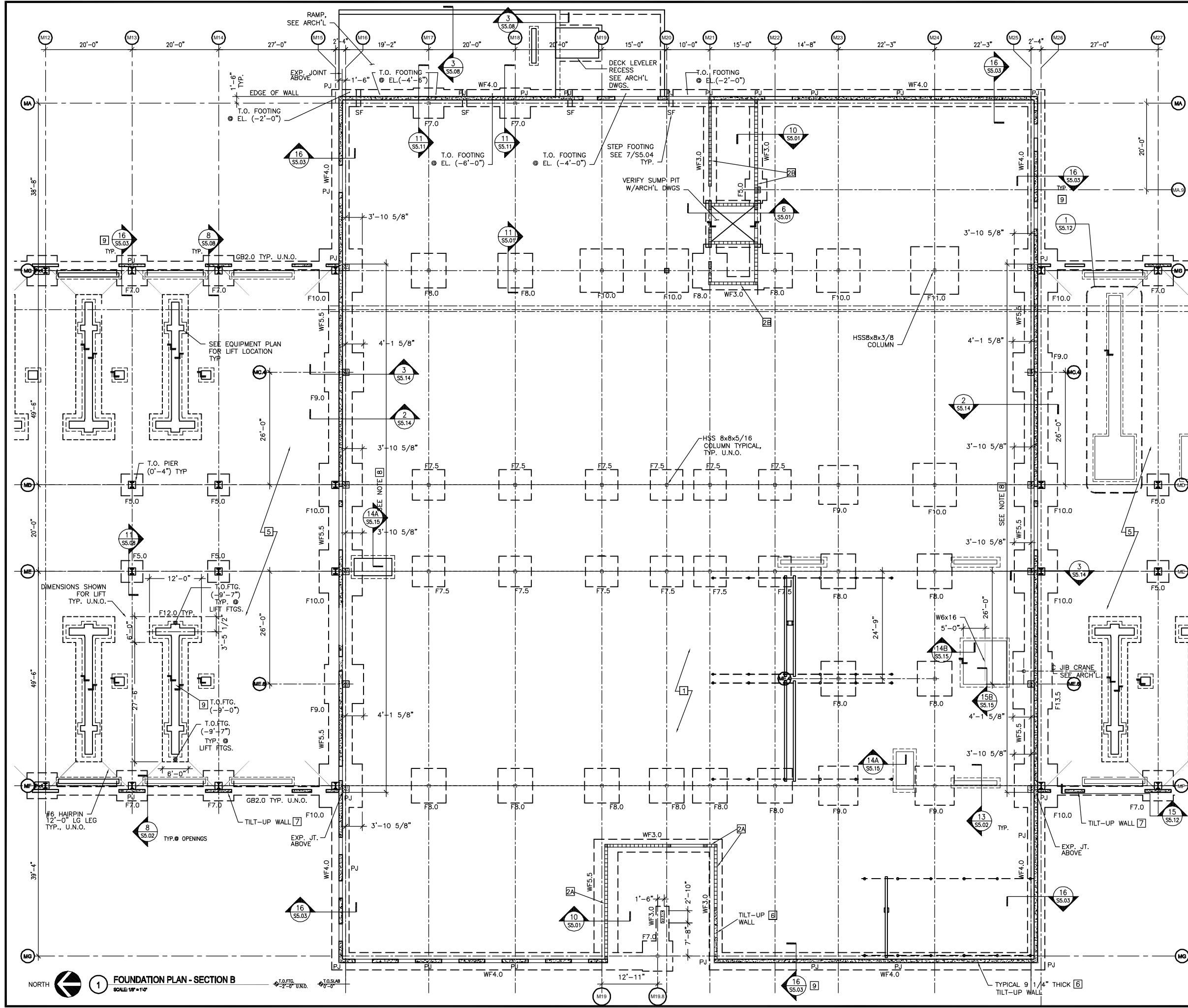
PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER
SHEET NUMBER **MS1.02**

KEY NOTES
(THIS SHEET ONLY)

- 1 6" (TOTAL) CONCRETE SLAB REINFORCING W/ 6x6-W4xW4 W.W.F. OVER VAPOR BARRIER (SEE ARCH'L DWGS.) ON COMPACTED SUB-GRADE. COORDINATE ALL SLAB SLOPES AND DEPRESSIONS WITH ARCH'L & EQUIPMENT DWGS. (COORD. ACTUAL SLAB ELEVATIONS WITH ARCH'L AND / OR CIVIL DRAWINGS.)
- 2 INDICATES 8" MASONRY BEARING WALLS REINFORCED WITH (1)-#7 (VERTICAL) W/ MATCH DOWELS AT WALL FOOTINGS IN SOLID CONCRETE FILLED CELLS AT ALL CORNERS, ADJACENT MASONRY OPENINGS, (VERIFY SIZE, LOCATION AND ELEVATIONS WITH ARCH'L DWGS.) AND BETWEEN AS INDICATED BELOW (MAX.) SEE PLAN FOR ADDITIONAL CELLS AS REQUIRED. TERMINATE TOP OF VERTICAL WALL REINFC. WITH STANDARD 90° HOOK, 6" CLEAR FROM TOP OF FORMED AND POURED CONC. TIE BEAM ABOVE. (SEE SHEET MS1.32 "ROOF FRAMING PLAN"
A: @8" O.C.
B: @16" O.C.
- 3 SEE ARCH'L DRAWINGS FOR LOCATION/LIMITS AND CONSTRUCTION INFORMATION OF INTERIOR NON-BEARING MASONRY PARTITION WALLS PROVIDE THICKENED SLAB UNDER ALL SUCH NON-BEARING MASONRY WALLS AND REINFC. W/(1)-#5 (VERTICAL) W/MATCHING DOWEL AT THICKENED SLAB/FTG. IN SOLID CONCRETE, SEE 4/SS.02 FILLED CELLS AT ALL CORNERS, END OF WALLS, ADJACENT MASONRY OPENINGS (VERIFY SIZE, LOCATION AND ELEVATIONS WITH ARCH'L DRAWINGS) AND BETWEEN AT 96" O.C. (MAX.) SEE S5.07 FOR FURTHER INFORMATION. TERMINATE NON-BEARING MASONRY WALLS AT ELEVATION (SEE ARCH'L) AND CAP W/8" KNOCK-OUT BLOCK COURSE CONT. REINFORCED W/(1)-#5 CONT. AND GROUT FILLED SOLID.
- 4 MAXIMUM SPACING OF SAW-CUT CONTROL JOINTS IS AS FOLLOWS:
ENCLOSED (INTERIOR) SPACES = 20'-0" O.C. OUTSIDE (EXTERIOR) SPACES = 12'-0" O.C. (SPACING DIMENSIONS ARE TYP. IN BOTH DIRECTIONS) SEE "CONTROL JOINT DETAIL" 14/SS.02 FOR FURTHER INFORMATION.
- 5 8" (TOTAL) CONCRETE SLAB REINFORCING W/ #4 @ 12" O.C. T & B EACH WAY OVER VAPOR BARRIER (SEE ARCH'L DWGS.) SEE NOTE "1" FOR ADDITIONAL INFO NOT SHOWN HEREIN.
- 6 C.I.P. - TILT WALL PANELS ARE 9 1/4" THICK OVERALL INCLD REVEAL (8 1/2" STRUCTURAL THICKNESS) REINFORCING IS #5@12" O.C. HORIZ & VERT SEE DWG & S5.03.
- 7 9 1/4" (TOTAL) THICKNESS C.I.P.-TILT WALL PANELS INSULATED & SOLID PANEL SECTIONS, SEE NOTE 4, SHEET MS1.01 FOR ADD'L INFORMATION.
- 8 9 1/4" CIP CONCRETE WALL WITH PIERS FULL HEIGHT REINFC. W/#5@12" EACH WAY, EACH FACE. 28"x18" CONCRETE PIERS AS SHOWN. SPACING FULL HEIGHT REINFC. W/ 10#8 VERT. & #3@16 TIES.
- 9 SEE SHT. MS1.01 FOR ADD'L INFO. NOT SHOWN HEREIN.

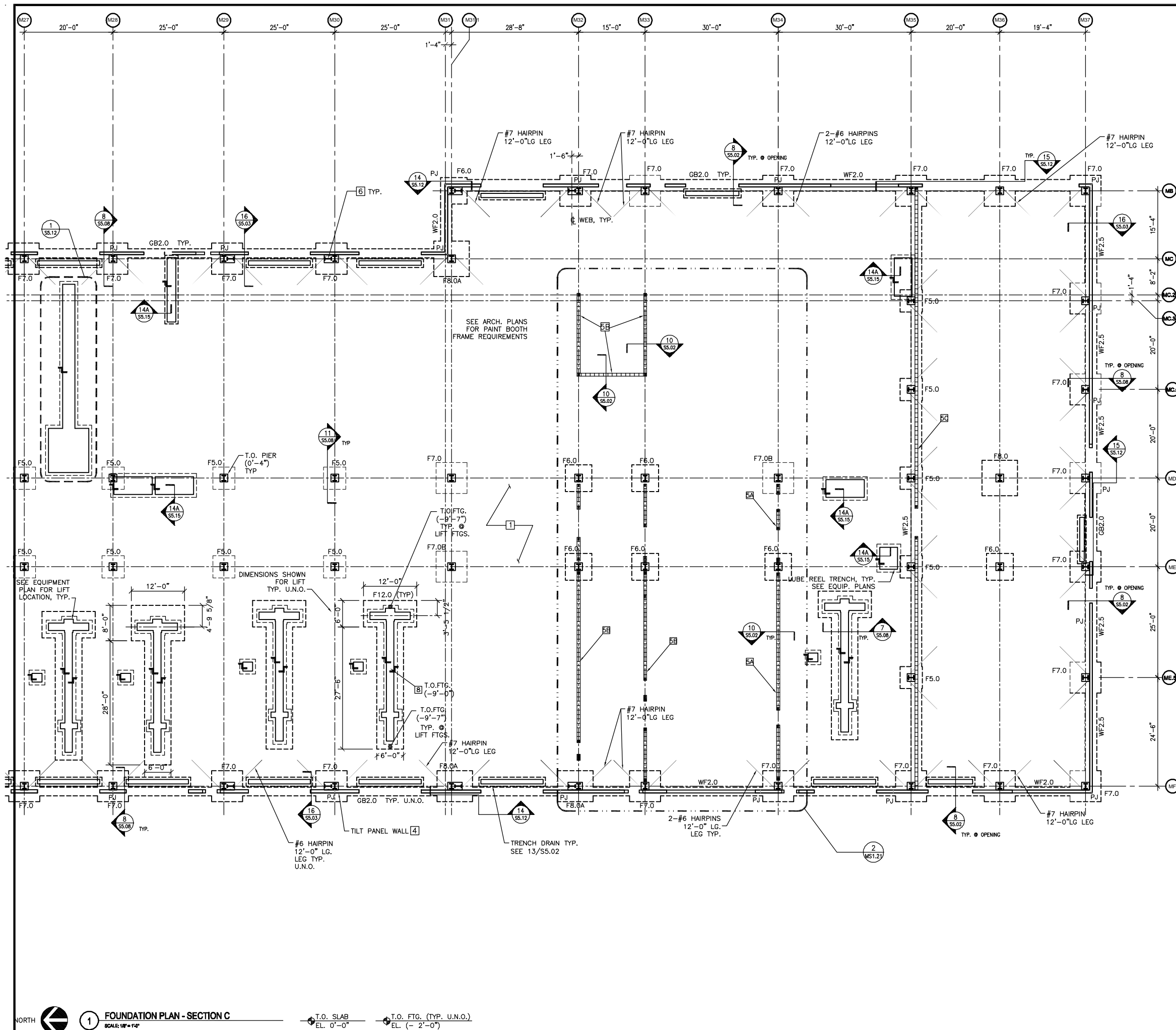


MAINTENANCE BUILDING KEYPLAN



1 FOUNDATION PLAN - SECTION B
SCALE: 1/8"=1'-0"





KEY NOTES
(THIS SHEET ONLY)

- PLAN NOTES**
- 1. 8" (TOTAL) CONCRETE SLAB REINFORCING W/ #4 @ 12" o.c. T & B EACH WAY OVER VAPOR BARRIER (SEE ARCH'L DWGS.) ON COMPACTED SUB-GRADE. COORDINATE ALL SLAB SLOPES AND DEPRESSIONS WITH ARCH'L. & EQUIPMENT DRAWINGS. (COORD. ACTUAL SLAB ELEVATIONS WITH ARCH'L. AND / OR CIVIL DRAWINGS.)
 - 2. SEE ARCH'L. DRAWINGS FOR LOCATION/LIMITS AND CONSTRUCTION INFORMATION OF INTERIOR NON-BEARING MASONRY PARTITION WALLS PROVIDE THICKENED SLAB UNDER ALL SUCH NON-BEARING MASONRY WALLS AND REINF. W/(1)-#5 (VERTICAL) W/MATCHING DOWEL AT THICKENED SLAB/FTG. IN SOLID CONCRETE, SEE 4/SS.02 FILLED CELLS AT ALL CORNERS, END OF WALLS, ADJACENT MASONRY OPENINGS(VERIFY SIZE, LOCATION AND ELEVATIONS W/ ARCH'L. DRAWINGS) AND BETWEEN AT 96"O.C. (MAX.) SEE S5.07 FOR FURTHER INFORMATION. TERMINATE NON-BEARING MASONRY WALLS AT ELEVATION (SEE ARCH'L) AND CAP W/8" KNOCK-OUT BLOCK COURSE CONT. REINFORCED W/(1)-#5 CONT. AND GROUT FILLED SOLID.
 - 3. MAXIMUM SPACING OF SAW-CUT CONTROL JOINTS IS AS FOLLOWS:
ENCLOSED (INTERIOR) SPACES = 20'-0"O.C. OUTSIDE (EXTERIOR SPACES = 12'-0"O.C. (SPACING DIMENSIONS ARE TYP. IN BOTH DIRECTIONS) SEE "CONTROL JOINT DETAILS" 14/SS.02 FOR FURTHER INFORMATION.
 - 4. C.I.P. - TILT WALL PANELS - IN THE INSULATED SECTION (GRIDS M26-M37 BLDG C) THE PANEL ASSEMBLY IS A 2 3/4" OUTER WYTHE, 1" INSULATION (SEE ARCH'L AND 8/SS.03 & 9/SS.03 FOR APPLICABILITY), AND 5 1/2" INNER STRUCTURAL WYTHE (9 1/4" TOTAL OVERALL THICKNESS INCLUDING REVEALS) W/ REINFORCING OF 6X6-W3.5XW3.5 W.W.F. IN THE OUTER WYTHE AND A SINGLE LAYER OF #5@12" O.C. HORIZ. & VERT. IN THE INNER WYTHE, AND IN THE SOLID SECTION THE PANEL IS 9 1/4" THICK OVERALL INCLUDING REVEALS (8 1/2" STRUCTURAL THICKNESS) W/ REINFORCING OF A SINGLE LAYER OF #5@12" O.C. HORIZ & VERT., TYP. U.N.O. (SEE 4/SS.13).
 - 5. INDICATES 8" MASONRY BEARING WALLS REINFORCED WITH (1)-#7 (VERTICAL) W/ MATCH DOWELS AT WALL FOOTINGS IN SOLID CONCRETE FILLED CELLS AT ALL CORNERS, ADJACENT MASONRY OPENINGS, (VERIFY SIZE, LOCATION AND ELEVATIONS WITH ARCH'L. DWGS.) AND BETWEEN AS INDICATED BELOW. SEE PLAN FOR ADDITIONAL CELLS AS REQUIRED. TERMINATE TOP OF VERTICAL WALL REINF'G. WITH STANDARD 90° HOOK, 6" CLEAR FROM TOP OF FORMED AND POURED CONC. TIE BEAM ABOVE. (SEE SHEET MS1.21 "PARTIAL PLAN MEZZANINE")
A: @8" O.C.
B: @16" O.C.
C: @48" O.C.
 - 6. PEMB PORTAL FRAME, SEE ARCH'L DWGS. FOR CLEARANCE REQUIREMENTS.
 - 7. NOT USED
 - 8. SLOPE LIFT FTG. AS SHOWN, SEE MEP DWGS. FOR SPECIFIC DRAIN LOCATIONS.



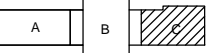
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New Administration, Operation and Maintenance Facility for:
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Pinellas Suncoast Transit Authority
Scherer Drive
Pinellas County, Florida 33771

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DATE OF SEAL	
SHEET CONTENT	FOUNDATION PLAN SECTION C
DATE	
SCALE	1/8"=1'-0"
DRAWN BY	T.R.
CHECKED BY	P.A.
APPROVED BY	T.A.

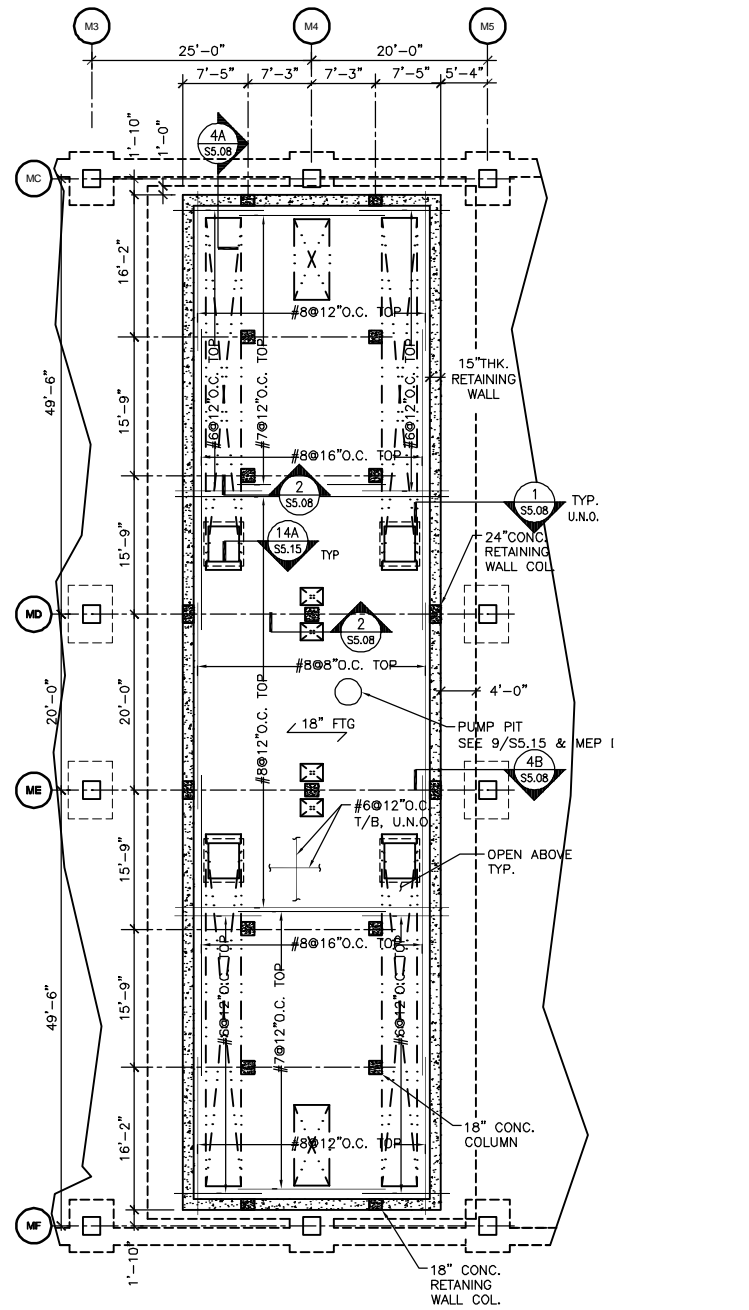


MAINTENANCE BUILDING KEYPLAN

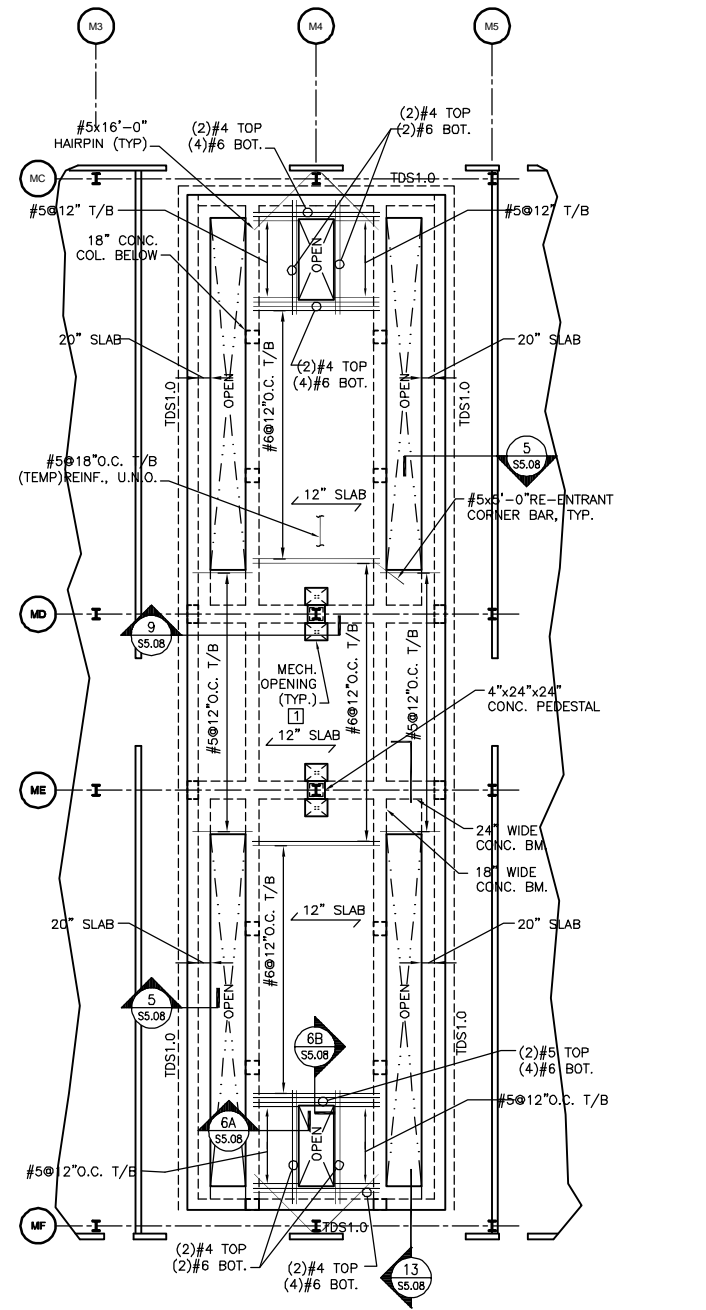
PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER
SHEET NUMBER **MS1.03**

FOUNDATION PLAN - SECTION C
SCALE: 1/8"=1'-0"

T.O. SLAB EL. 0'-0"
T.O. FTG. (TYP. U.N.O.) EL. (- 2'-0")



NORTH 1 MAINTENANCE PIT - FOUNDATION PLAN
SCALE: 1/8" = 1'-0"
T.O. FTG. (-11'-8" U.N.O.)



NORTH 2 MAINTENANCE PIT - SLAB PLAN
SCALE: 1/8" = 1'-0"
T.O. SLAB 0'-0"

KEY NOTES
(THIS SHEET ONLY)

1 SEE MECHANICAL DWGS. FOR SIZE & LOCATION OF MECHANICAL OPENINGS.



PB PARSONS BRINCKERHOFF
151 Central Street, Saint Louis, MO 63103-2225
T 314.421.1476 F 314.421.1741 I www.pbworld.com



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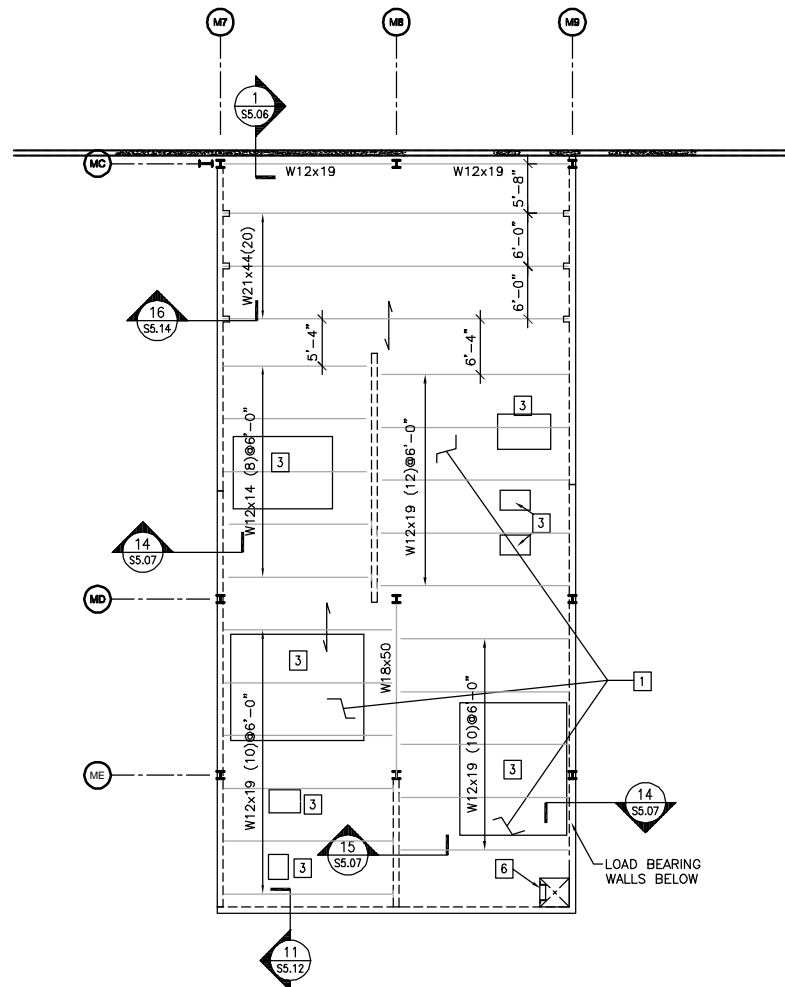
SHEET CONTENT

MAINTENANCE PIT FOUNDATION & SLAB PLANS

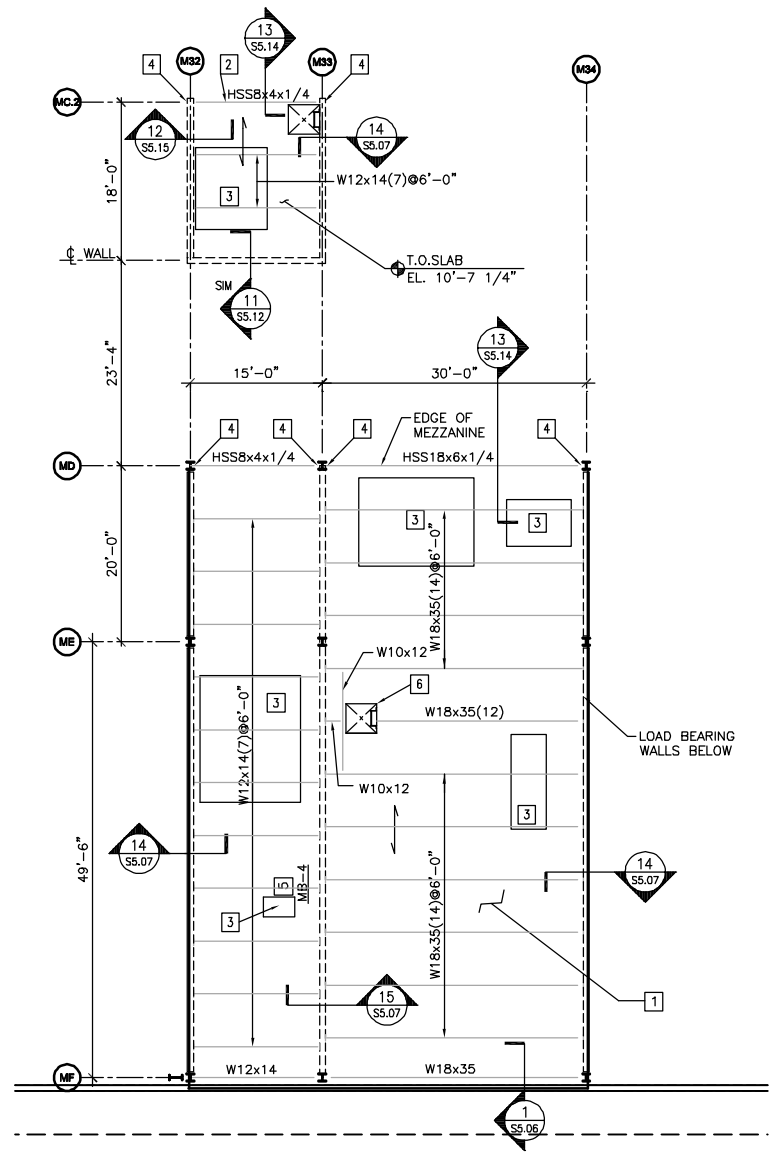
DATE
SCALE 1/8"=1'-0"
DRAWN BY T.R.
CHECKED BY P.A.
APPROVED BY T.A.

PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER

SHEET NUMBER MS1.04



1 MECHANICAL EQUIPMENT PLATFORM - SECTION A
 SCALE: 1/8" = 1'-0"
 T.O. SLAB EL. 12'-5"



2 MECHANICAL EQUIPMENT PLATFORM - SECTION C
 SCALE: 1/8" = 1'-0"
 T.O. SLAB EL. 12'-5"

KEY NOTES
 (THIS SHEET ONLY)

- 1 MEZZANINE SLAB CONSTRUCTION: 5" (TOTAL) NORMAL WEIGHT CONCRETE REINFORCED W/ 6x6-W1.4xW1.4 W.W.F. OVER 2VL120 (2"DEEP, 20 GAGE) COMPOSITE METAL DECK (SEE GENERAL NOTES ON SHEET SO.01 FOR FURTHER INFORMATION) ATTACH COMPOSITE DECK WITH 3/4" PATTERN OF WELDING WASHERS. PERIMETER WELDS AT 12" O.C. MAX. #10 TEK. SCREWS OR EQUIV. SIDE LAP BETWEEN EA. SUPPORT
- 2 STEEL FRAMING SUPPLIED BY PRE-ENGINEERED METAL BLDG. MANUFACTURER, TYP.
- 3 PROVIDE 6" HOUSEKEEPING PAD, SEE 9/SS.02 AND MEP DWGS FOR SIZE AND LOCATION.
- 4 SPECIAL BEAM REACTION DUE TO HANDRAIL: VERTICAL = 12 KIPS, HORIZONTAL = 1 KIPS, TORSION = 3 KIP-FT.
- 5 SEE MASONRY LINTEL SCHEDULE (3/SS.12). TYPICAL LINTELS SPECIFIED BY LENGTH. SPECIAL LINTELS ARE NOTED ON PLANS.
- 6 LADDERS, SEE ARCH'L.



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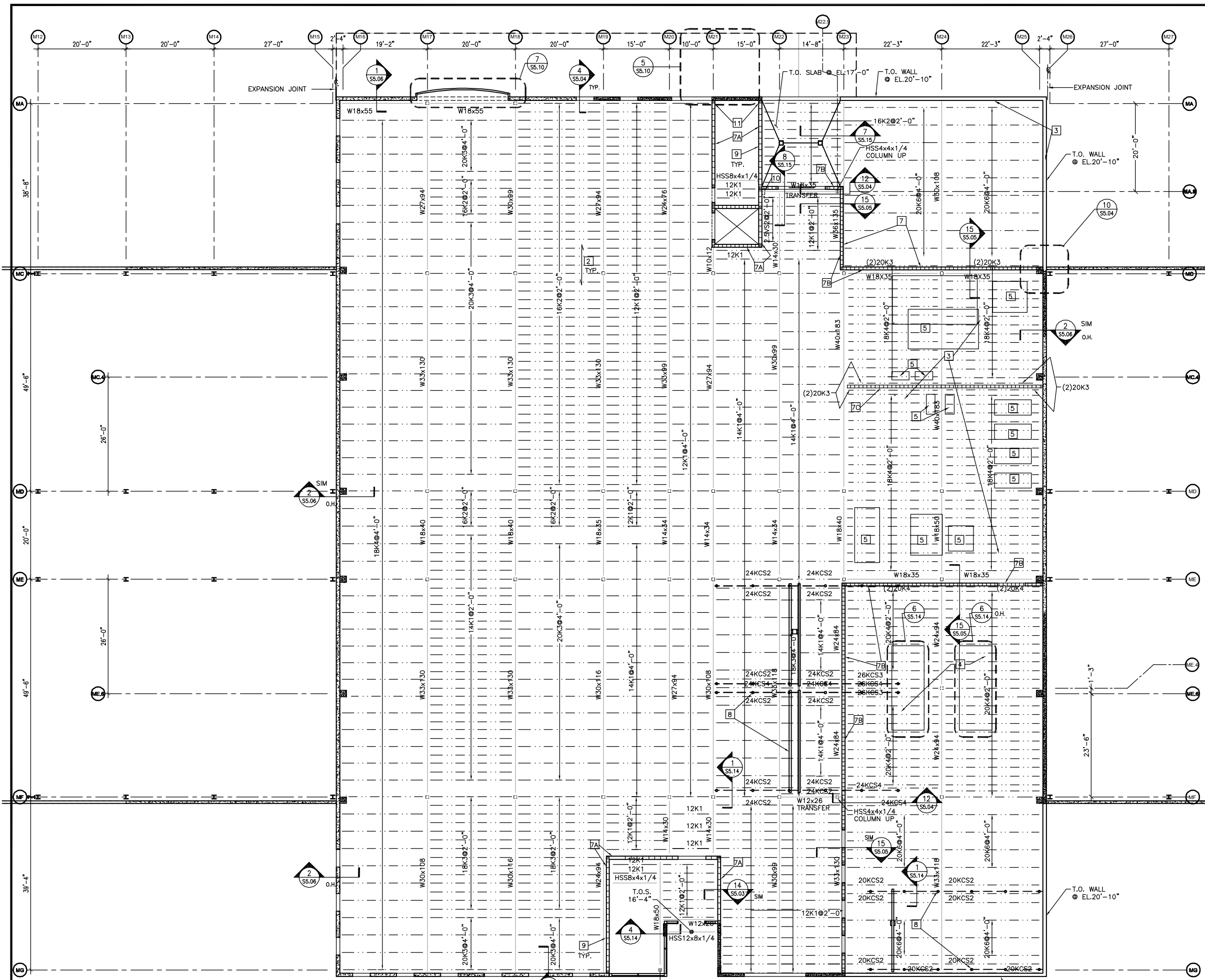
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DATE OF SEAL	
SHEET CONTENT	MECHANICAL EQUIPMENT PLATFORM FRAMING PLAN
DATE	
SCALE	1/8"=1'-0"
DRAWN BY	T.R.
CHECKED BY	P.A.
APPROVED BY	T.A.

PB PROJECT NUMBER 15550FFD
 CLIENT PROJECT NUMBER
 SHEET NUMBER **MS1.21**



KEY NOTES
(THIS SHEET ONLY)

- 1 CONC. WALL JOINTS SHOWN ARE APPROXIMATE. COORDINATE EXACT LOCATION WITH ARCH'L DWGS.
- 2 FLOOR CONSTRUCTION: 4" (TOTAL) 2 1/2" NORMAL WT. CONC. W/6x6-W2.9xW2.9 WWF OVER 1 1/2" (DEEP), 22 GAUGE GALV. METAL DECK (SEE GEN. NOTES FOR FURTHER INFO.)
- 3 LOW ROOF [1] & MECH. PENTHOUSE [2] LIVE LOADING PER GEN. NOTES
- 4 STEEL SUPPORT FRAMES 4'-0" HIGH FOR CHILLERS, WT = 13047 LBS MAX. EACH, REF. TO ARCH. & MECH. DWGS FOR LOCATION.
- 5 NOT USED
- 6 PROVIDE 1/2"x12"x0"-8" EMBED PLATE W/ (6) 5/8" H.S. 8" LG. 5'-0"o.c.
- 7 INDICATES 8" MASONRY BEARING WALLS REINFORCED WITH (1)-#7 (VERTICAL) W/ MATCH DOWELS AT CONCRETE CURB(SEE 15/SS.05) IN SOLID CONCRETE FILLED CELLS AT ALL CORNERS, ADJACENT MASONRY OPENINGS, (VERIFY SIZE, LOCATION AND ELEVATIONS WITH ARCH'L DWGS.) AND BETWEEN AS INDICATED BELOW (MAX.) SEE PLAN FOR ADDITIONAL CELLS AS REQUIRED. TERMINATE TOP OF VERTICAL WALL REINFG. WITH STANDARD 90° HOOK, 6" CLEAR FROM TOP OF FORMED AND POURED CONC. TIE BEAM ABOVE. (SEE SHEET MS1.32 "ROOF FRAMING PLAN"
- A: 16" O.C.
B: 24" O.C.
C: 48" O.C.
- 8 HUNG FRAMING FOR CRANE SUPPORT BELOW.
- 9 CONC. BEAM TB 2 @ EL. 18'-0", SEE 11/SS.15.
- 10 CMU PILASTER BELOW. SEE 13/SS.15.
- 11 PROVIDE CORNER PANEL CONNECTION AT 3 LOCATIONS BETWEEN FLOORS. USE LBX4x10'-10"LG. W/ 2-5/8" DIA.X5" EMBED HILTI HVA OR EQUAL ADHESIVE ANCHORS EA. LG. (ANCHORS EMBEDDED IN GROUTED CELLS AT CMU).



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DATE OF SEAL

SHEET CONTENT

SECOND FLOOR FRAMING PLAN - SECTION B

DATE
SCALE 1/8"=1'-0"
DRAWN BY T.R.
CHECKED BY P.A.
APPROVED BY T.A.

PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER
SHEET NUMBER **MS1.22**



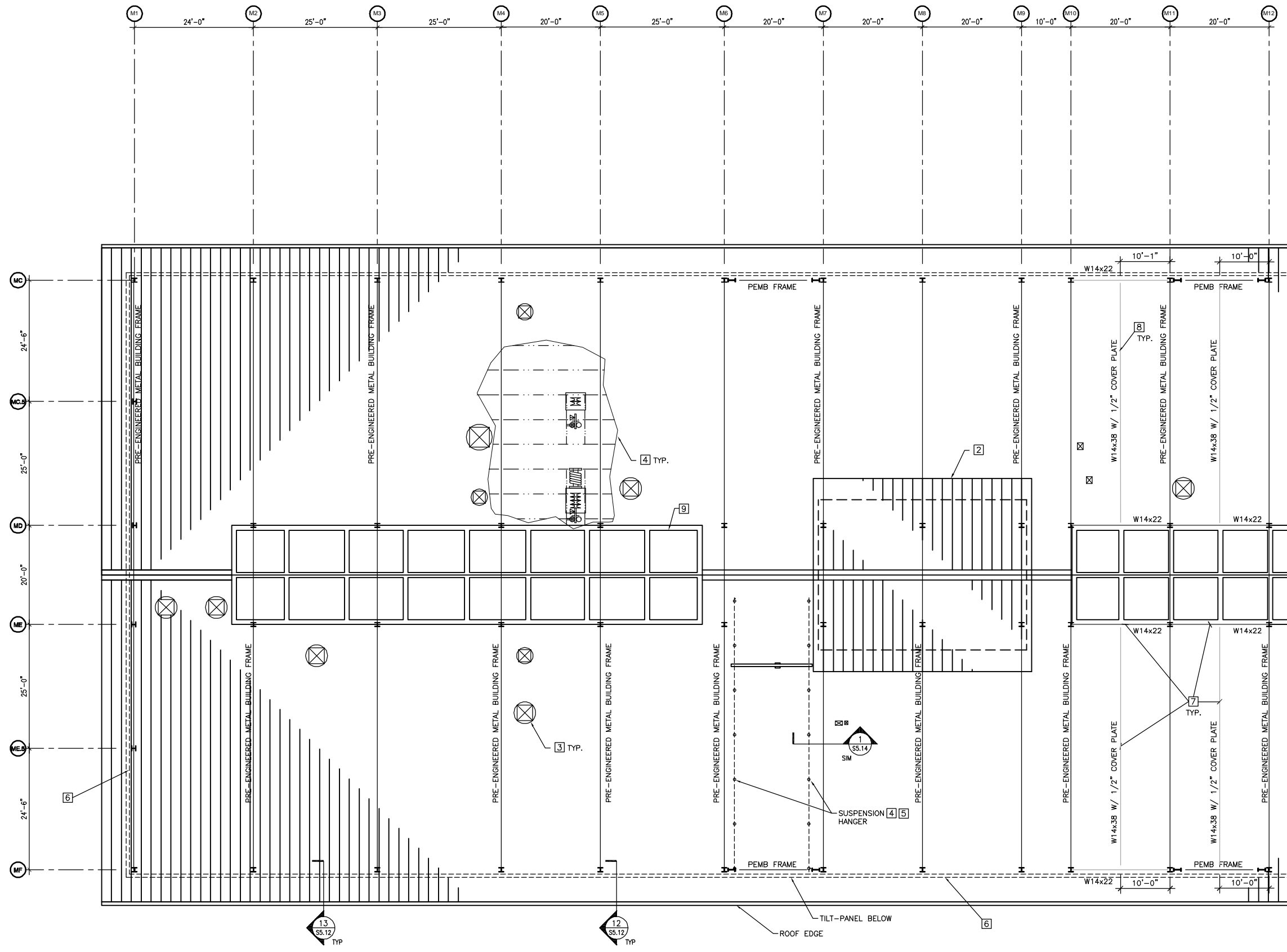
MAINTENANCE BUILDING KEYPLAN

1 SECOND FLOOR FRAMING PLAN - SECTION B
SCALE: 1/8" = 1'-0"

T.O. SLAB EL = 18'-0"
T.O.S. / JST BRG EL = +17'-5 1/2" (TYP. U.N.O.)

T.O. WALL @ EL. 20'-10"





KEY NOTES
(THIS SHEET ONLY)

PLAN NOTES

- 1 ROOFING SYSTEM IS P.E.M. STANDING SEAM ROOFING ON PURLINS (SEE ARCH. DWGS.) ON P.E.M.B. FRAMES PROVIDED BY METAL BLDG SUPPLIER. REFER TO ARCH. FOR ALL ADDITIONAL INFORMATION INCLUDING ROOF OPENINGS, SLOPES & DIMENSIONS.
- 2 ADDITIONAL ROOF FRAMING, SUPPLIED BY PRE-ENGINEERED METAL BUILDING MANUFACTURER, SEE ARCH. DWGS.
- 3 ROOF PENETRATION SEE ARCH. AND/OR MECH. DWGS FOR SPECIFIC SIZE AND LOCATION, STRUCTURAL FRAMING AT OPENING SHALL BE SUPPLIED BY THE PRE-ENGINEERED METAL BUILDING MANUFACTURER.
- 4 MECHANICAL COMPONENT (I.E. EXHAUST REELS, LUBE REELS, ETC.) HUNG FROM ROOF STRUCTURE, FRAMING SHALL BE SUPPLIED BY PRE-ENGINEERED METAL BUILDING MANUFACTURER, SEE EQUIPMENT PLANS FOR DIMENSIONS.
- 5 EACH SUSPENSION HANGER MUST SUPPORT A HANGER LOAD OF 4800# (1400# DEAD LOAD, 3400# LIVE LOAD).
- 6 PRE-ENGINEERED METAL BLDG. MANUF. TO PROVIDE WIND BRACING FOR TILT-UP PANELS AT INTERVALS OF 20'-0" OR LESS.
- 7 MONORAIL FRAMING: STEEL FRAMING DESIGNED FOR A MOVING LOAD OF 2200#. ALIGN FRAMING WITH P.E.M.B. PORTAL FRAME'S HORIZONTAL BEAM W/ T.O. STEEL EL. 19'-6". VERIFY CLEARANCE REQUIREMENTS WITH ARCH'L DWGS.
- 8 PL 1/2x6x38'-0" COVER PLATE CENTERED ALONG THE LENGTH OF THE BEAM ON THE BEAMS TOP (COMPRESSION) FLANGE. WELD THE PLATE TO THE BEAM W/ A 1/4" FILLET WELD ON BOTH SIDES OF THE PLATE 12" LONG AT BOTH ENDS AND 2" LONG @ 12" O.C. BETWEEN THE ENDS.
- 9 STEEL SUPPORT FRAMING FOR SKYLIGHT TO BE DESIGNED & PROVIDED BY P.E.M.B. SUPPLIER. REFER TO S0.03 FOR WIND LOADS AND COORDINATE GRAVITY LOADS W/ SKYLIGHT MANUF.
- 10 SEE 9/S5.11 FOR MECH. UNIT CURB TIE-DOWN, TYP.



PB PINELLAS SUNCOAST
131 Central Street, Saint Louis, MO 63103-2225
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REV	DESCRIPTION	DATE

New Administration, Operation and Maintenance Facility for:
PSIA
Pinellas Suncoast Transit Authority
Scherer Drive
Pinellas County, Florida 33771

RECORD DOCUMENTS

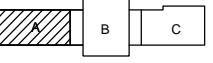
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DATE OF SEAL

SHEET CONTENT

ROOF FRAMING PLAN SECTION A

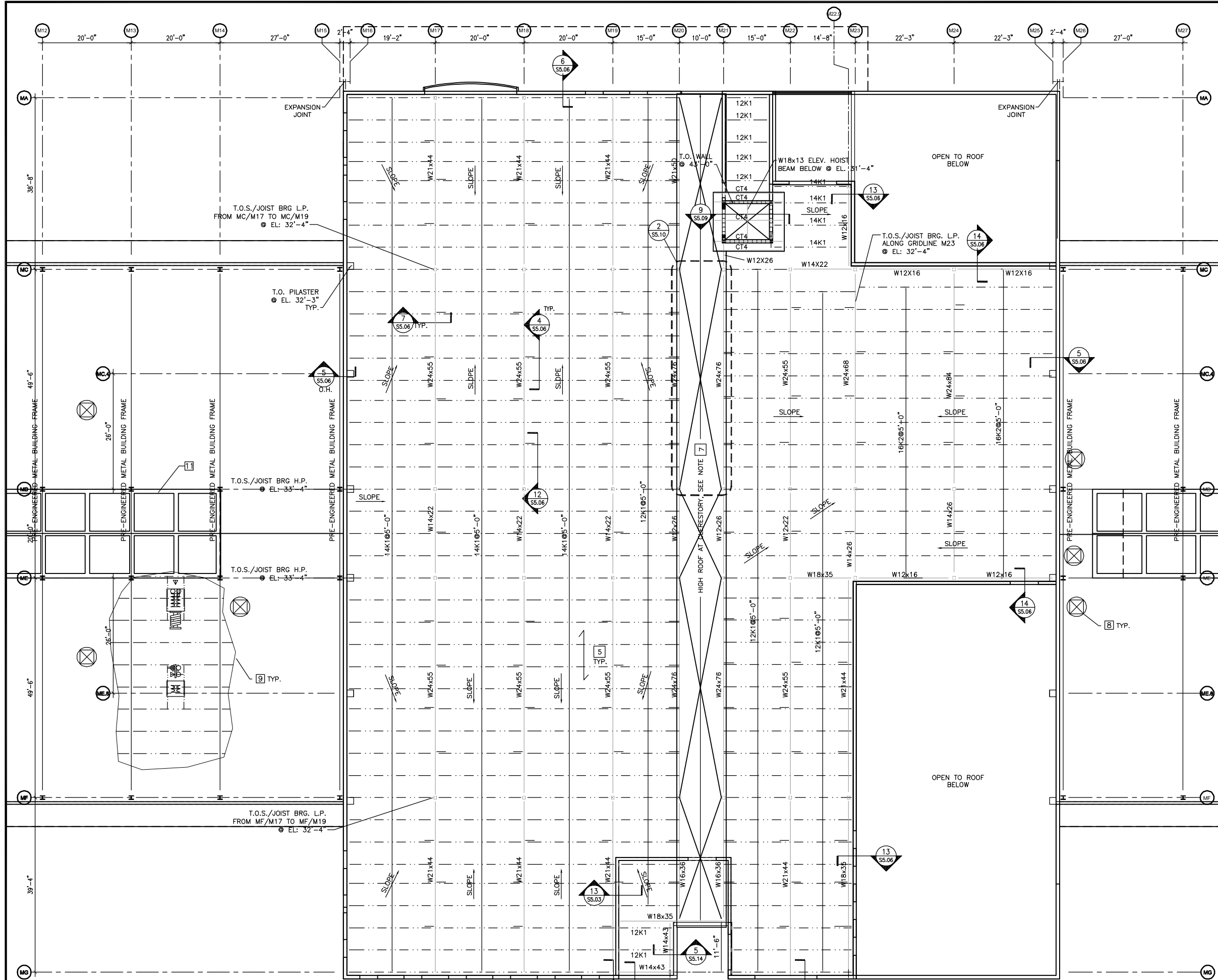
DATE	
SCALE	1/8"=1'-0"
DRAWN BY	T.R.
CHECKED BY	P.A.
APPROVED BY	T.A.



MAINTENANCE BUILDING KEYPLAN

PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER
SHEET NUMBER **MS1.31**

1 ROOF FRAMING PLAN - SECTION A
SCALE: 1/8" = 1'-0"



KEY NOTES
(THIS SHEET ONLY)

- PLAN NOTES**
- 1) VERIFY JOIST BEARING ELEVATIONS W/ ARCHITECTURAL DRAWINGS
 - 2) JOIST BRIDGING LINES: SIZE, CONFIGURATION AND LOCATIONS TO BE DETERMINED BY JOIST MANUFACTURER / SUPPLIER AND IN ACCORDANCE WITH "SJI" REQUIREMENTS.
 - 3) JOIST UPLIFT BRIDGING LINES LOCATED AT FIRST PANEL POINT, BOTTOM CHORD OF JOIST, SIZE TO BE DETERMINED BY JOIST MANUFACTURER / SUPPLIER AND IN ACCORDANCE WITH "SJI" REQUIREMENTS.
 - 4) DECK SUPPORT ANGLE: SEE SECTIONS AND DETAILS FOR SIZES AND METHOD OF ATTACHMENTS PROVIDE, MIN. 6"x6"x3/8" CONT. PERIMETER L AT ALL EDGES FOR DECK CLOSURE, TYP. UNO.
 - 5) ROOF CONSTRUCTION: (ROOFING SEE ARCH'L DRAWINGS) OVER 1 1/2" DEEP, 22 GAGE GALV. (1.5B22) WIDE RIBBED METAL DECK. (SEE GENERAL NOTES ON SHT. S0.01 FOR FURTHER INFORMATION & DECK FASTENING)
 - 6) NOT USED
 - 7) HIGH ROOF CLERESTORY CONSTRUCTION IS 1-1/2" DEEP-22" GAGE WIDE RIBBED DECK ON HSS 6x4x1/4" CURVED ROOF FRAMES AT 10'-0" SPACING BETW. FRAMES. PROVIDE INFILL HSS 4x4x1/4" CURVED ROOF PURLINS @ 5' SPACING BETWEEN EA. FRAME. AT CMU KNEE WALL USE MASONRY CONTROL JOINTS LOCATED AT COLUMNS AND BETWEEN COLUMNS SPACED @ 20'-0" O.C.(MAX). SEE ARCH'L DWGS FOR ALL ADD'L INFORMATION.
 - 8) ROOF PENETRATION SEE ARCH. AND/OR MECH. DWGS FOR SPECIFIC SIZE AND LOCATION, STRUCTURAL FRAMING AT OPENING SHALL BE SUPPLIED BY THE PRE-ENGINEERED METAL BUILDING MANUFACTURER.
 - 9) MECHANICAL COMPONENT (I.E. EXHAUST REELS, LUBE REELS, ETC.) HUNG FROM ROOF STRUCTURE, FRAMING SHALL BE SUPPLIED BY PRE-ENGINEERED METAL BUILDING MANUFACTURER. SEE EQUIPMENT PLANS FOR DIMENSIONS.
 - 10) PROVIDE DIAPHRAGM CONN. @ ALL BEAMS PER DET. 4/S5.06.
 - 11) STEEL SUPPORT FRAMING FOR SKYLIGHT TO BE DESIGNED & PROVIDED BY P.E.M.B. SUPPLIER. REFER TO S0.03 FOR WIND LOADS AND COORDINATE GRAVITY LOADS W/ SKYLIGHT MANUF.
 - 12) SEE 9/S5.11 FOR MECH. UNIT CURB TIE-DOWN, TYP.



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SHEET CONTENT

ROOF FRAMING PLAN SECTION B

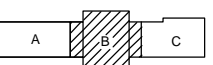
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SCALE 1/8"=1'-0"

DRAWN BY T.R.

CHECKED BY P.A.

APPROVED BY T.A.



MAINTENANCE BUILDING KEYPLAN

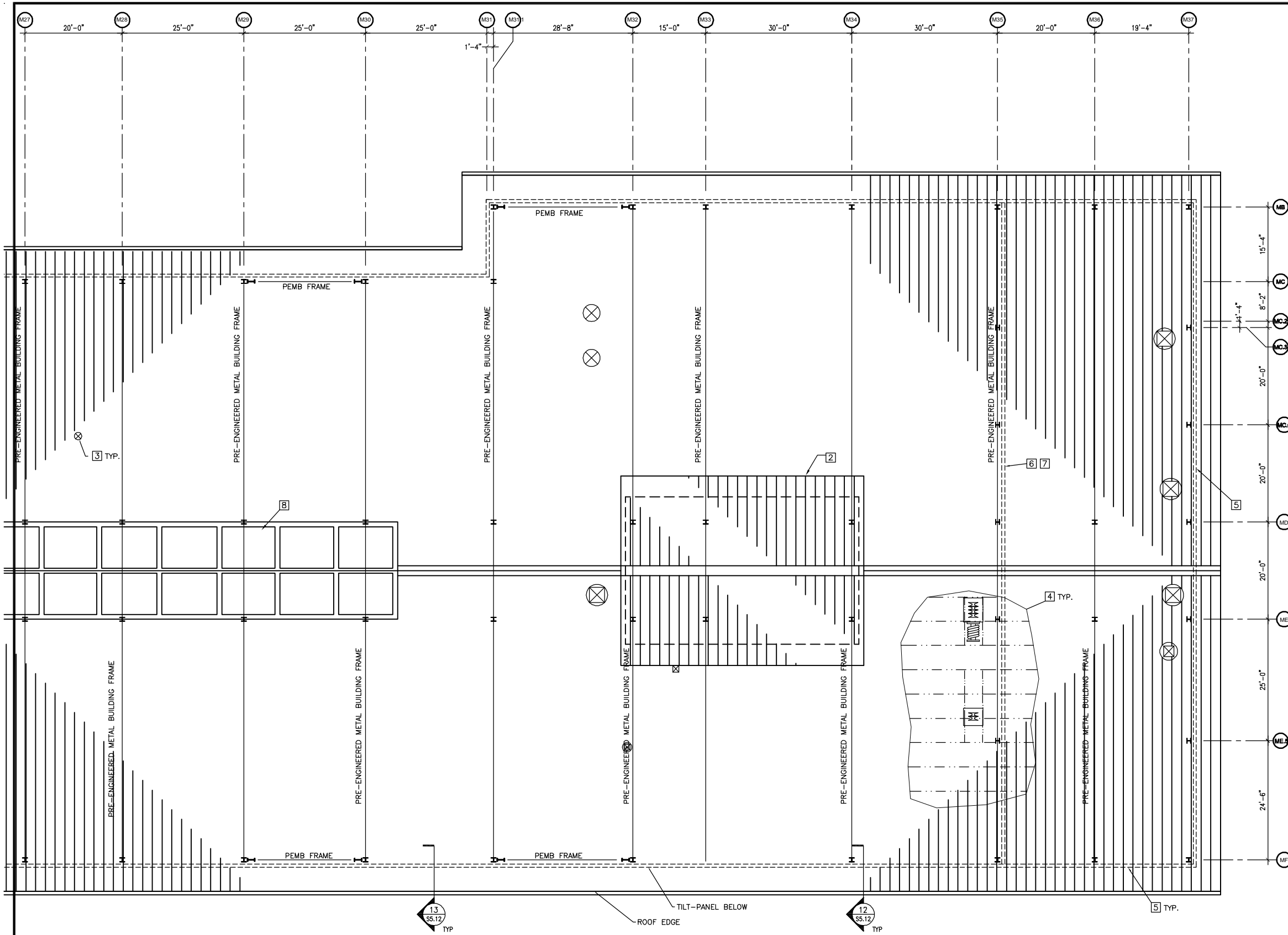
PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER

SHEET NUMBER **MS1.32**

1 ROOF FRAMING PLAN - SECTION B
SCALE: 1/8" = 1'-0"

T.O. WALL EL= 34'-10"
T.O.S./JOIST BRG. H.P. TYP. @ PERIMETER U.N.O. EL= 33'-4"

13 S5.03
4 S5.04
5 S5.14
2 S5.10
9 S5.09
7
6 S5.06
14 S5.06
13 S5.06
5 S5.06
12 S5.06
14 S5.06



KEY NOTES
(THIS SHEET ONLY)

PLAN NOTES

- 1 ROOFING SYSTEM IS P.E.M. STANDING SEAM ROOFING ON PURLINS (SEE ARCH. DWGS.) ON P.E.M.B. FRAMES PROVIDED BY METAL BLDG SUPPLIER. REFER TO ARCH. FOR ALL ADDITIONAL INFORMATION INCLUDING ROOF OPENINGS, SLOPES & DIMENSIONS.
- 2 ADDITIONAL ROOF FRAMING, SUPPLIED BY PRE-ENGINEERED METAL BUILDING MANUFACTURER, SEE ARCH. DWGS.
- 3 ROOF PENETRATION SEE ARCH. AND/OR MECH. DWGS FOR SPECIFIC SIZE AND LOCATION, STRUCTURAL FRAMING AT OPENING SHALL BE SUPPLIED BY THE PRE-ENGINEERED METAL BUILDING MANUFACTURER.
- 4 MECHANICAL COMPONENT (I.E. EXHAUST REELS, LUBE REELS, ETC.) HUNG FROM ROOF STRUCTURE. FRAMING SHALL BE SUPPLIED BY PRE-ENGINEERED METAL BUILDING MANUFACTURER. SEE EQUIPMENT PLANS FOR DIMENSIONS.
- 5 PRE-ENGINEERED METAL BLDG. MANUF. TO PROVIDE WIND BRACING FOR TILT-UP PANELS AT VERTICAL INTERVALS OF 20'-0" OR LESS.
- 6 PRE-ENGINEERED METAL BLDG. MANUF. TO PROVIDE WIND BRACING FOR CMU WALLS AT VERTICAL INTERVALS OF 15'-0" OR LESS.
- 7 RAKED CONC. TIE BEAM TB 1 @ T.O. WALL, SEE 11/S5.15.
- 8 STEEL SUPPORT FRAMING FOR SKYLIGHT TO BE DESIGNED & PROVIDED BY P.E.M.B. SUPPLIER. REFER TO S0.03 FOR WIND LOADS AND COORDINATE GRAVITY LOADS W/ SKYLIGHT MANUF.
- 9 SEE 9/S5.11 FOR MECH. UNIT CURB TIE-DOWN, TYP.



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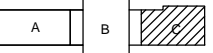
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SHEET CONTENT

ROOF FRAMING PLAN SECTION C

DATE	
SCALE	1/8"=1'-0"
DRAWN BY	T.R.
CHECKED BY	P.A.
APPROVED BY	T.A.



MAINTENANCE BUILDING KEYPLAN

PB PROJECT NUMBER 15550FFD
 CLIENT PROJECT NUMBER ...
 SHEET NUMBER **MS1.33**



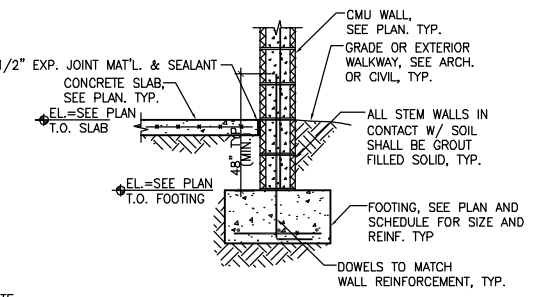
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TENSION DEVELOPMENT LENGTHS AND TENSION LAP SPICE LENGTHS GRADE 60 REINFORCEMENT NORMAL WEIGHT CONCRETE

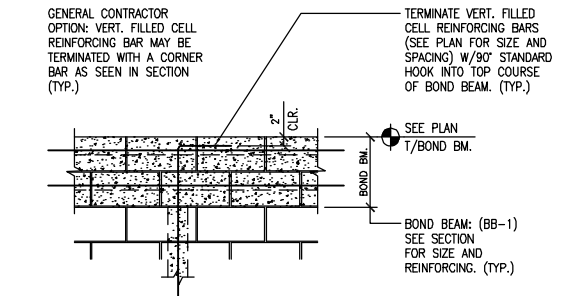
BAR SIZE	F _c = 3000		F _c = 4000		F _c = 5000		F _c = 6000		F _c = 7000		F _c = 8000		BAR SIZE
	CLASS A	CLASS B	CLASS A	CLASS B	CLASS A	CLASS B	CLASS A	CLASS B	CLASS A	CLASS B	CLASS A	CLASS B	
#3	12	16	12	16	12	16	12	16	12	16	12	16	#3
#4	16	21	14	18	13	17	12	16	12	16	12	16	#4
#5	21	27	18	23	16	21	15	19	13	17	13	17	#5
#6	27	35	23	30	21	27	19	25	18	23	17	21	#6
#7	37	48	32	41	29	37	26	34	24	31	23	29	#7
#8	48	63	42	55	38	49	34	45	32	41	30	39	#8
#9	61	80	53	69	48	62	43	56	40	52	38	49	#9
#10	78	101	67	88	60	78	55	72	51	66	48	62	#10
#11	96	124	83	108	74	96	68	88	63	81	59	76	#11

NOTES:
 1. THE ABOVE DEVELOPMENT LENGTH AND LAP SPICE LENGTH TABLE SHALL BE USED FOR HORIZONTAL MEMBERS (BEAMS, JOISTS, SLABS ETC.). USE FOR VERTICAL MEMBERS UNLESS NOTED OTHERWISE ON PLAN OR DETAIL.
 2. L_d = TENSION DEVELOPMENT LENGTH.
 3. ALL SPICE LENGTHS ARE IN INCHES.
 4. FOR TOP BARS, MULTIPLY SPICE LENGTHS BY 1.30. TOP BARS REQUIRE A MINIMUM OF 12" FRESH CONCRETE BELOW BAR.

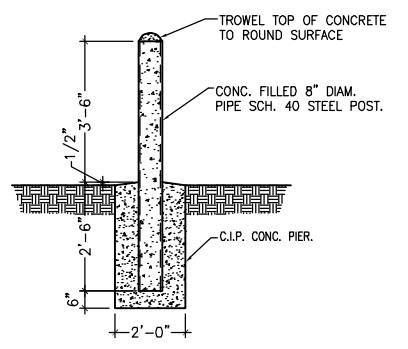
13 TYPICAL TENSION DEV. AND SPICE LENGTHS
 3/4"=1'-0"



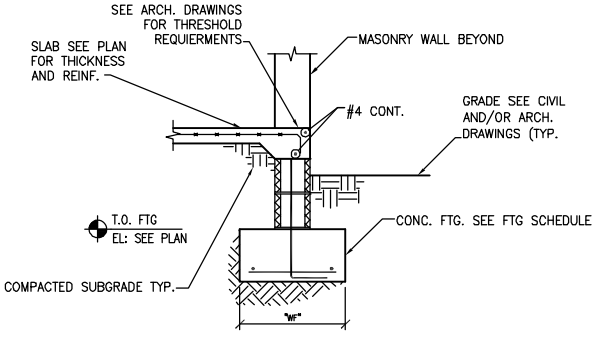
9 TYPICAL EXT. WALL FOOTING DETAIL
 3/4"=1'-0"



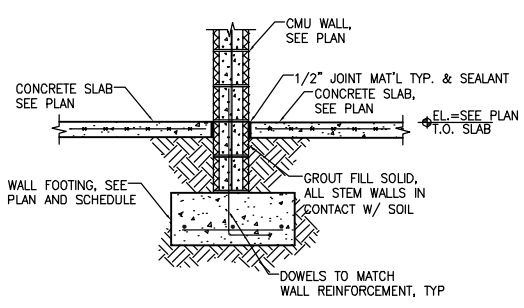
5 TYPICAL REBAR AT BOND BEAM
 3/4"=1'-0"



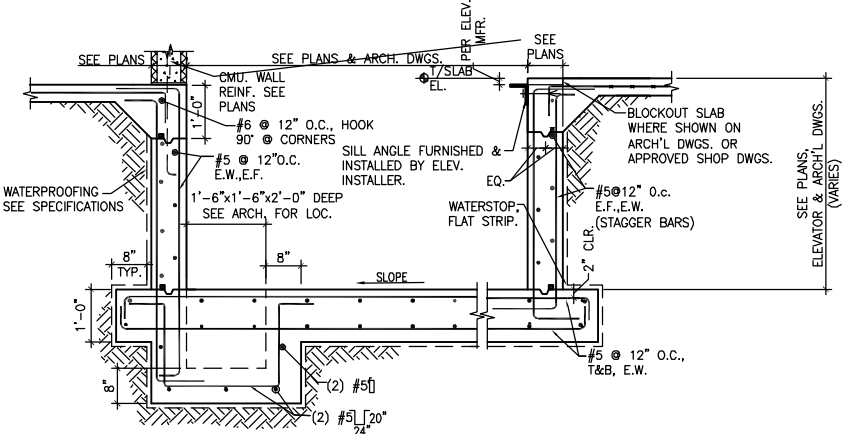
1 TYPICAL BOLLARD DETAIL
 1/2"=1'-0"



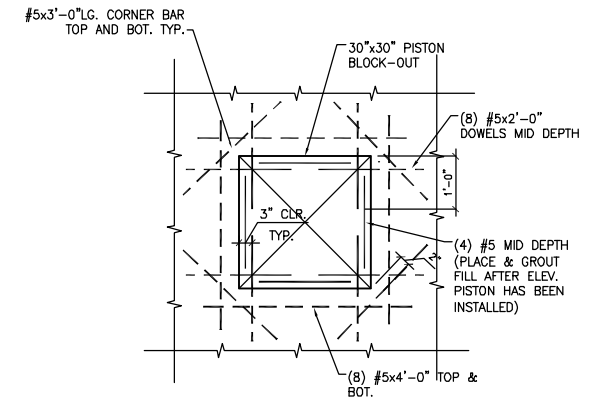
14 TYPICAL EXT. WALL FOOTING DETAIL @ THRESHOLD
 3/4"=1'-0"



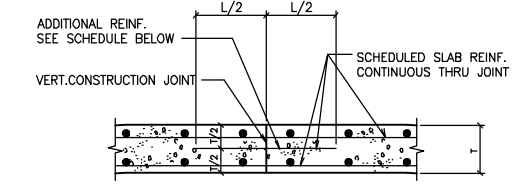
10 TYPICAL INTERIOR WALL FOOTING DETAIL
 3/4"=1'-0"



6 TYPICAL ELEVATOR PIT DETAIL
 3/4"=1'-0"



2 TYPICAL REINF. @ ELEV. PISTON BLOCK-OUT.
 3/4"=1'-0"

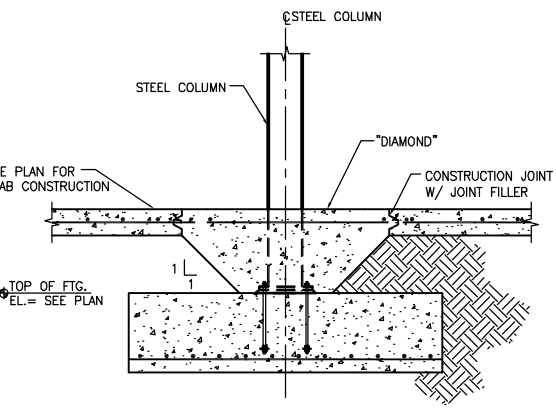


ADD'L. REINFORCEMENT SCHED.
 F_y = 60 ksi

SLAB THICKNESS T	REINFORCEMENT
T ≤ 4"	#4 @ 18 x 2'-6"
4" < T ≤ 6"	#4 @ 12 x 2'-6"
6" < T ≤ 8"	#5 @ 12 x 3'-0"
8" < T ≤ 12"	#6 @ 12 x 3'-8"

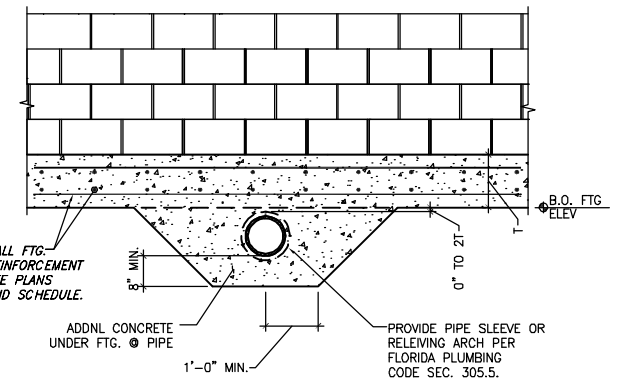
NOTES:
 1. CONSTRUCTION JOINTS SHOULD BE LOCATED ON THE MIDDLE THIRD OF THE SLAB SPAN.
 2. CONCRETE SURFACE AT CONSTRUCTION JOINT SHALL BE CLEAN AND FREE OF LAITANCE.

15 TYPICAL CONSTRUCTION JOINT IN STRUCTURAL SLAB.
 3/4"=1'-0"



11 STEEL COL. TO ISOLATED FOOTING DETAIL
 3/4"=1'-0"

NOTES:
 1. BRACE WALL AS REQUIRED UNTIL UPPER SLAB IS POURED AND HAS REACHED 2500 PSI MIN.
 2. SLOPE PIT BOTTOM SLAB 1" TO SUMP PIT
 3. GENERAL CONTRACTOR TO COORDINATE ELEVATOR PIT SIZE, DEPTH, SILL DETAIL AND OTHER REQUIREMENTS WITH ELEVATOR'S MFR'S APPROVED SHOP DWGS.
 4. PROVIDE GALVANIZED METAL LADDER IN TO LOCATION AWAY FROM SUMP AS FOLLOWS: HAND HOLD: 1 1/2"x1/4" BARS RINGS: 1/2 ROUND.



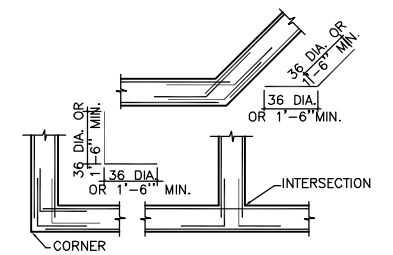
3 TYPICAL PIPE UNDER FTG. DETAIL
 3/4"=1'-0"

FOOTING SCHEDULE

MARK *	SIZE WIDTH x LENGTH x DEPTH	REINFORCEMENT	REINFORCEMENT
		BOTTOM	TOP
F4.0	4'-0"x4'-0"x1'-0"	5#5 EW	
F4.0A	4'-0"x7'-0"x1'-2"	7-#5 L.W. 5-#5 S.W.	
F5.0	5'-0"x5'-0"x1'-0"	6#5 EW	
F6.0	6'-0"x6'-0"x1'-0"	5#6 EW	
F6.0A	6'-0"x6'-0"x1'-3"	6#6 EW	
F6.5	6'-6"x6'-6"x1'-0"	7#5 EW	
F7.0	7'-0"x7'-0"x1'-0"	6-#6 E.W.	
F7.0A	7'-0"x6'-0"x1'-0"	5-#6 L.W. 4-#6 S.W.	
F7.0B	7'-0"x7'-0"x1'-6"	7-#6 E.W.	
F7.0C	7'-0"x4'-6"x1'-0"	5-#6 L.W. 3-#6 S.W.	
F7.5	7'-6"x7'-6"x1'-6"	8-#6 E.W.	8-#6 E.W.
F8.0	8'-0"x8'-0"x1'-6"	8-#7 E.W.	
F8.0A	8'-0"x7'-0"x1'-4"	7-#6 L.W. 6-#7 S.W.	
F9.0	9'-0"x9'-0"x1'-6"	9#6 EW	
F9.5	9'-6"x9'-6"x1'-6"	10#6 EW	10#6 EW
F10.0	10'-0"x10'-0"x1'-6"	10#8 EW	
F11.0	11'-0"x11'-0"x1'-8"	10#8 EW	
F12.0	** x1'-4"	#6@12'-0"o.c. EW	#6@12'-0"o.c. EW
F13.5	13'-6"x9'-0"x1'-6"	8-#7 L.W. 6-#7 S.W.	
F17.0	17'-0"x8'-6"x1'-0"	#4@12" o.c. EW	#4@12" o.c. EW
WF-2.0	2'-0"xCONT.x12"	(2)-#5 CONT. (5)-#5 CONT. TRANSVERSE	
WF-2.5	2'-6"xCONT.x12"	(3)-#5 CONT. (3)-#5 CONT. TRANSVERSE	
WF-3.0	3'-0"xCONT.x12"	(4)-#5 CONT. (4)-#5 CONT. TRANSVERSE	
WF-4.0	4'-0"xCONT.x12"	(5)-#5 CONT. (5)-#5 CONT. TRANSVERSE	
WF-4.33	4'-4"xCONT.x12"	(5)-#5 CONT. (5)-#5 CONT. TRANSVERSE	
WF-5.5	5'-6"xCONT. X12"	(5)-#5 CONT. (5)-#5 CONT. TRANSVERSE	

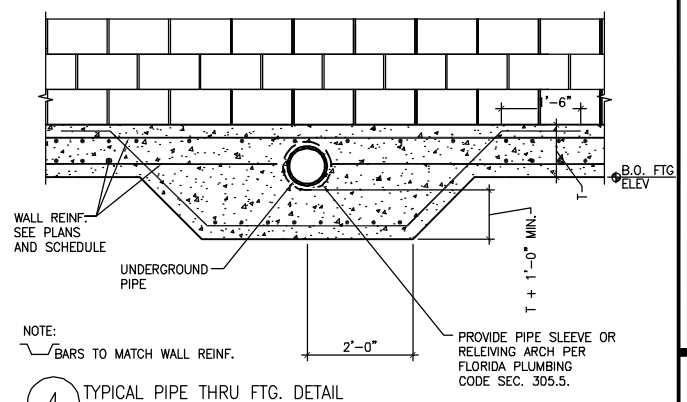
* FOR TYP. FTG. 'F' SEE DET.
 SLAB FTG. 'SF' SEE DET.
 ** IRREGULAR SHAPE. FOR DIMENSIONS SEE PLAN

12 FOOTING SCHEDULE
 3/4"=1'-0"

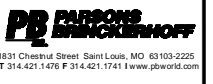


NOTE:
 1. TYPICAL DETAIL OF SPLICES FOR HORIZONTAL REINFORCEMENT AT ALL CORNERS AND INTERSECTIONS OF ALL FOOTINGS UNLESS OTHERWISE INDICATED.
 2. SPLICE BARS TO MATCH HORIZONTAL REINFORCEMENT.

8 TYPICAL REINFORCEMENT CORNERS/INTERSECTIONS
 1/2"=1'-0"



4 TYPICAL PIPE THRU FTG. DETAIL
 3/4"=1'-0"



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SHEET CONTENT

STRUCTURAL DETAILS

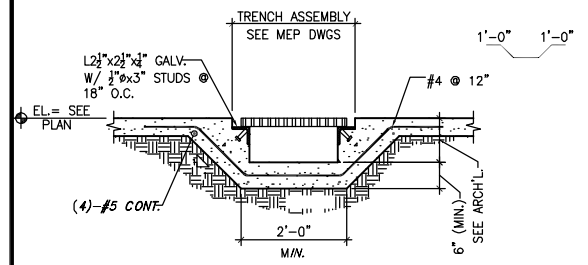
DATE

SCALE 1/8"=1'-0"

DRAWN BY T.R.

CHECKED BY P.A.

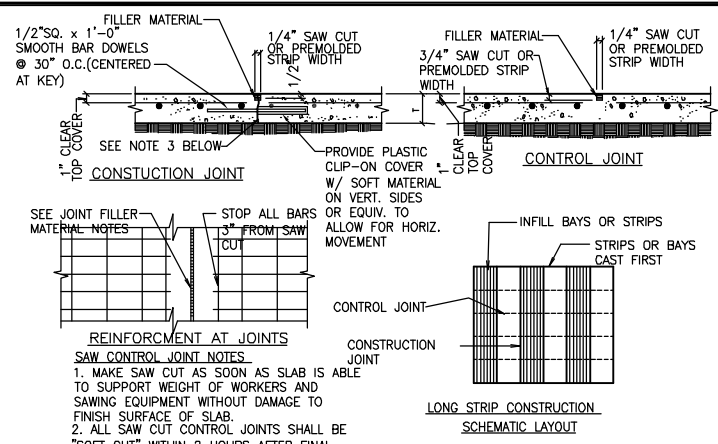
APPROVED BY T.A.



13 TYPICAL DETAIL TRENCH DRAIN
3/4"=1'-0"

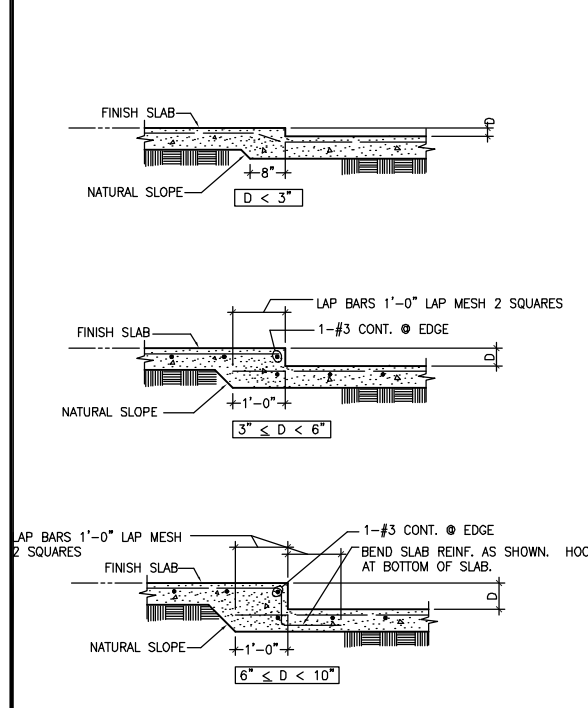
- CONSTRUCTION JOINT NOTES**
- SEE PLAN FOR SLAB THICKNESS (T) AND REINFORCEMENT.
 - SLAB REINFORCEMENT SHALL BE CHAIRED BY SOIL SUPPORTED SLAB BOLSTERS 3'-0" O.C. EA. WAY.
 - BREAK BOND BETWEEN NEW AND PREVIOUSLY PLACED SLAB BY SPRAYING OR PAINTING EXPOSED SIDE OF SLAB AND DOWEL WITH A CURING COMPOUND, ASPHALTIC EMULSION, OR FORM OIL.
 - REFER TO GENERAL NOTES, GENERAL SPECIFICATIONS, AND DRAWINGS FOR SUB-FLOOR DRAINAGE SYSTEM, SUBGRADE PREPARATION AND/OR MUD SLAB REQUIREMENTS.
 - SUBGRADE SHALL BE FREE OF STANDING WATER AT THE TIME OF CONCRETE PLACEMENT.
 - LONG STRIP CONSTRUCTION METHOD SHALL BE USED IN PLACING CONCRETE FOR ALL SLABS ON GRADE. SEE SCHEMATIC PLAN FOR CONCRETE PLACING SEQUENCE.
- JOINT SPACING NOTE**
- PROVIDE CONTROL AND/OR CONSTRUCTION JOINTS AT EVERY COLUMN LINE AND IN BETWEEN THE COLUMN LINES SUCH THAT THE JOINT SPACING DOES NOT EXCEED 15 FEET, UNLESS OTHERWISE SHOWN ON THE DRAWINGS.

14 TYPICAL CONSTRUCTION AND CONTROL JOINTS
3/4"=1'-0"



- JOINT FILLER MATERIAL NOTES**
- FILLER MATERIAL USED SHALL HAVE A MINIMUM SHORE A HARDNESS OF 80, AND SHALL CONFORM TO ASTM D2240. JOINT FILLER SHALL BE APPROVED BY ENGINEER PRIOR TO APPLICATION. APPROVED JOINT FILLER IS MM-80 AS MANUFACTURED BY METZGER MAGUIRE OR APPROVED EQUAL.
 - WHERE POSSIBLE, FILLER MATERIAL SHALL BE APPLIED WHEN BUILDING IS UNDER PERMANENT TEMPERATURE CONTROL. THIS SHALL BE EITHER AT THE END OF CONSTRUCTION OF THE COMPLETE BUILDING SHELL, OR A MINIMUM OF 90 DAYS AFTER SLAB CONSTRUCTION.
 - FOLLOW STRICTLY THE MANUFACTURERS RECOMMENDED PROCEDURES FOR APPLYING THE JOINT FILLER.
- FORMED CONTROL JOINT NOTES**
- FORM CONTROL JOINTS BY INSERTING PREMOLDED STRIP INTO FRESH CONCRETE UNTIL TOP SURFACE OF STRIP IS FLUSH WITH SLAB SURFACE.
 - TOOL SLAB EDGES ROUND ON EACH SIDE OF INSERT.
 - AFTER CONCRETE HAS CURED, REMOVE INSERTS AND CLEAN GROOVE OF LOOSE DEBRIS.
- DOWEL NOTES**
- ALL DOWELS SHALL CONFORM TO ASTM A615.
 - DOWELS SHALL BE CAREFULLY ALIGNED AND SUPPORTED DURING CONCRETING OPERATIONS.

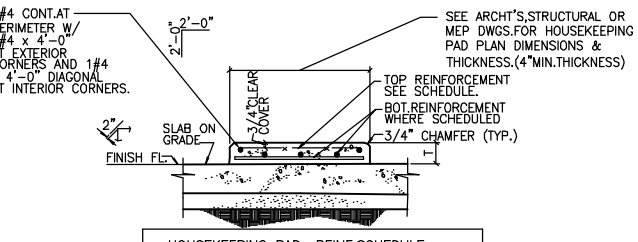
9 TYPICAL HOUSE KEEPING PAD
3/4"=1'-0"



- NOTES:**
- COORDINATE DEPTHS & LOCATIONS OF ALL FLOOR DEPRESSIONS WITH ARCHITECTURAL DRAWINGS.
 - PROVIDE 1-#4x4'-0" TOP AT INTERIOR CORNERS OF ALL DEPRESSIONS.
 - SLAB DEPRESSIONS ARE TYPICALLY SHOWN ON PLAN THUS:

1 TYPICAL S.O.G. FLOOR DEPRESSIONS
3/4"=1'-0"

10 TYPICAL THICKENED SLAB UNDER LOAD BEARING CMU
N.T.S.

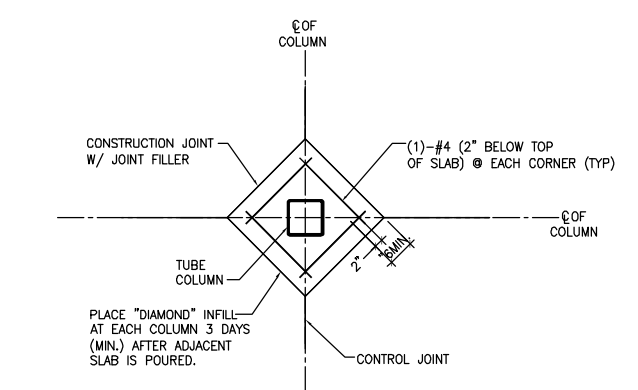


HOUSEKEEPING PAD REINF. SCHEDULE

PAD THICKNESS	TOP REINFORCEMENT	BOTTOM REINF.
t ≤ 4"	6"x 6", W2.9 x W2.9	NONE
4" < t ≤ 6"	4"x 4", W4.0 x W4.0	NONE
6" < t ≤ 8"	4"x 4", W5.5 x W5.5	NONE
8" < t ≤ 12"	#4@12"EW	#3@18"EW
12" < t ≤ 16"	#4@12"EW	#4@12"EW

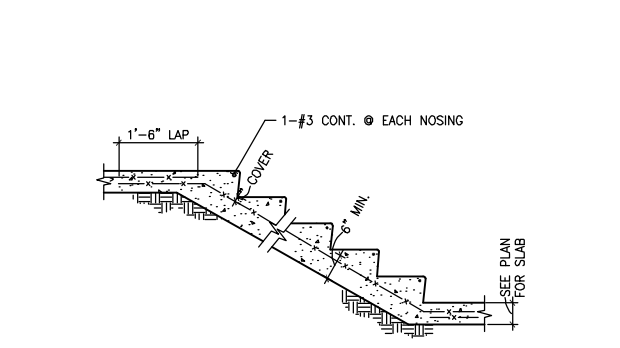
- NOTE:**
- GENERAL CONTRACTOR TO COORDINATE WITH MECHANICAL DRAWINGS AND SPECS. TO DETERMINE REQUIREMENTS FOR HOUSEKEEPING PADS OVER SLAB ON GRADE AND PROVIDE WHERE REQUIRED WHETHER SHOWN ON STRUCTURAL DRAWINGS OR NOT. COORDINATE DIMENSIONS AND OTHER SPECIAL REQUIREMENTS WITH EQUIPMENT MANUFACTURERS AS REQUIRED.

6 TYPICAL HOUSEKEEPING PAD ON S.O.G.
3/4"=1'-0"



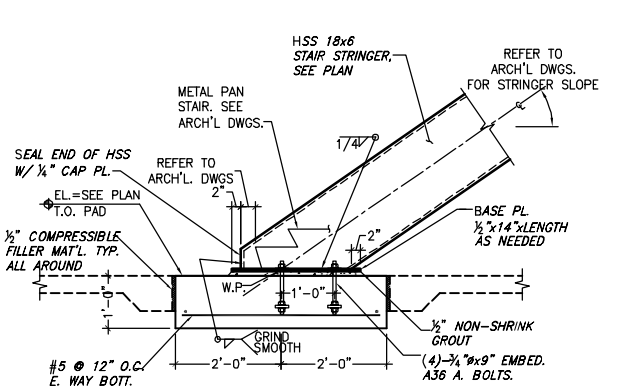
2 TYPICAL DIAMOND PLAN DETAIL FOR TUBE COL. & UTILITY BOX
3/4"=1'-0"

11 TYPICAL S.O.G. TURNDOWN AT STEEL STAIR
3/4"=1'-0"



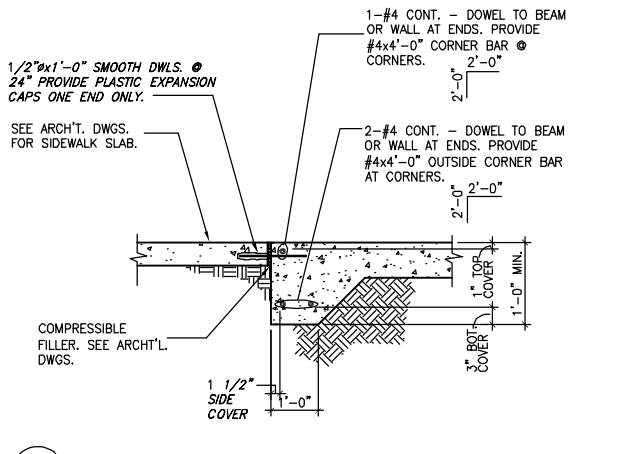
- NOTES:**
- SEE ARCH'L. FOR STAIR DIMENSIONS.

7 TYPICAL SLAB-ON-GRADE STAIRS
3/4"=1'-0"

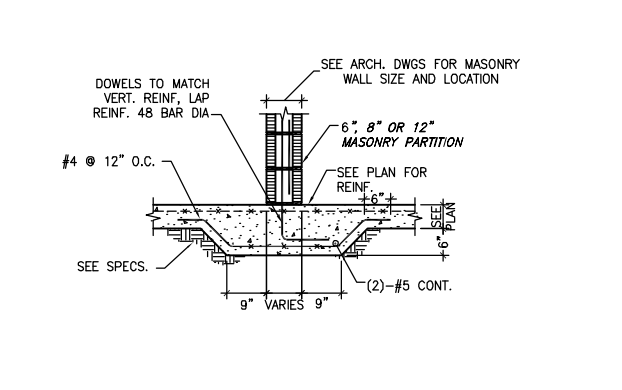


3 TYPICAL DETAIL OF EXTERIOR STAIR STRINGER T.O. FOUNDATION PAD
3/4"=1'-0"

12 TYPICAL SLAB-ON-GRADE DEPRESSION
3/4"=1'-0"



8 TYPICAL TURNDOWN AT SLAB ON GRADE
3/4"=1'-0"



4 TYPICAL THICKEN SLAB UNDER NON-BEARING CMU
N.T.S.



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New Administration, Operation and Maintenance Facility for:
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DATE OF SEAL _____

SHEET CONTENT _____

STRUCTURAL DETAILS _____

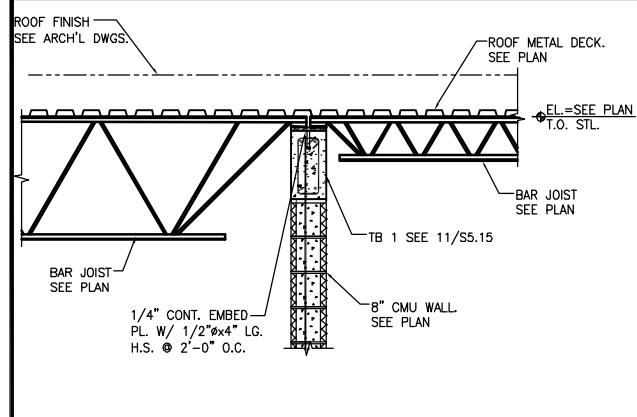
DATE _____

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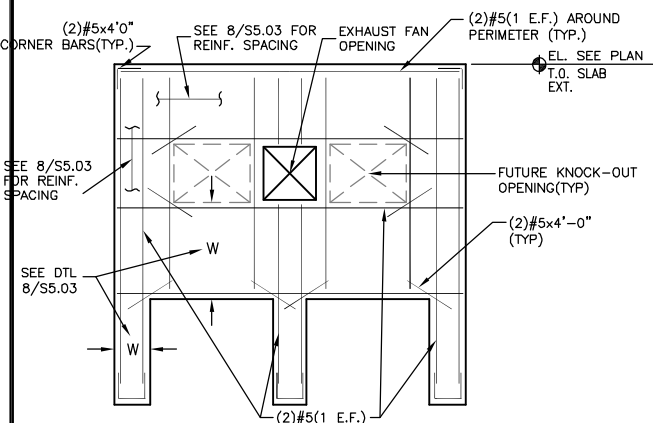
DRAWN BY T.R.

CHECKED BY P.A.

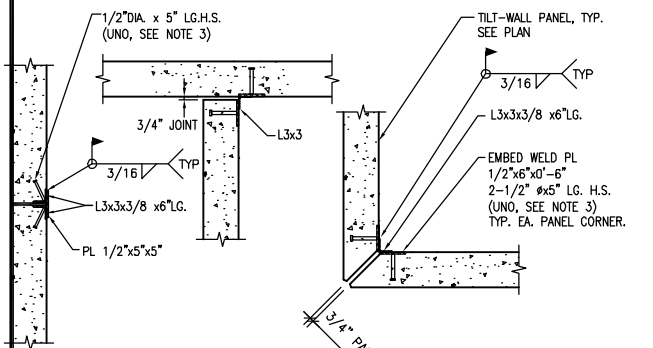
APPROVED BY T.A.



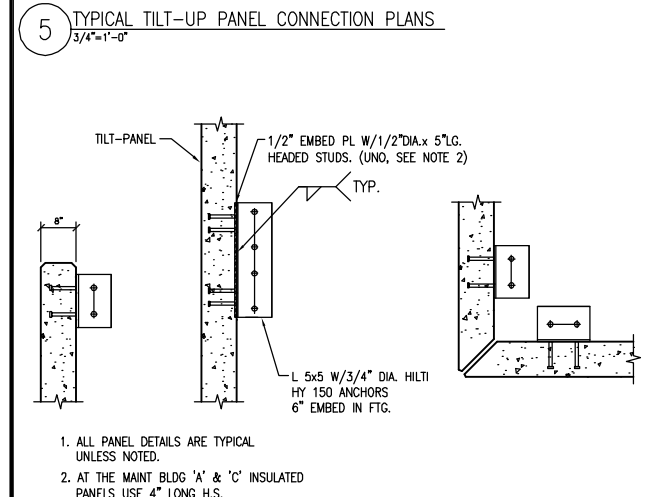
13 SECTION
3/4\"/>



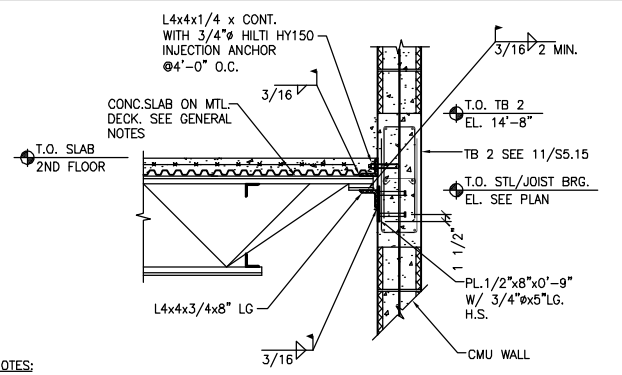
9 TYPICAL ELEVATION TILT-UP PANEL EDGE REINF. DETAILS
3/16\"/>



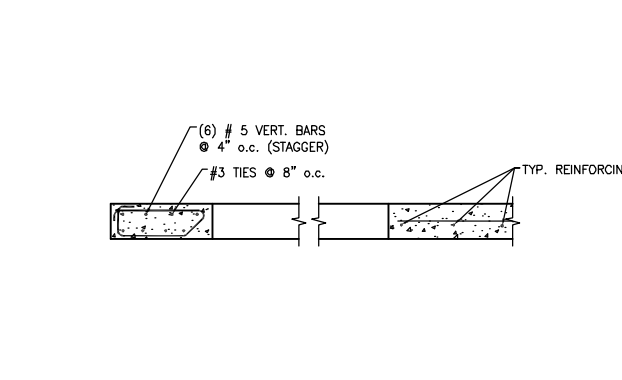
5 TYPICAL TILT-UP PANEL CONNECTION PLANS
3/4\"/>



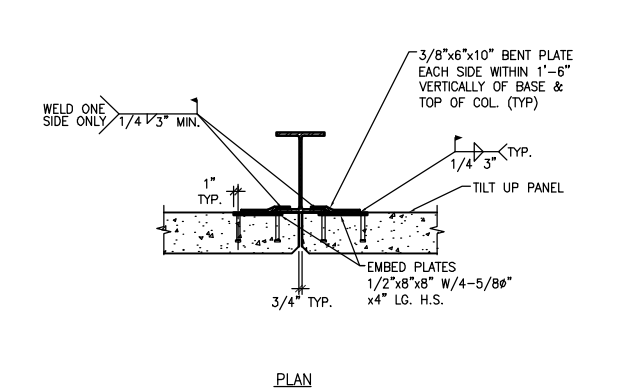
1 TYPICAL PANEL ON FOOTING DETAILS
3/4\"/>



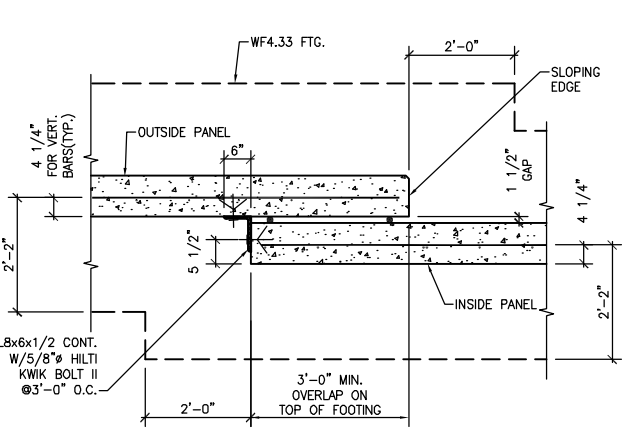
14 JOIST AT CMU WALL
3/4\"/>



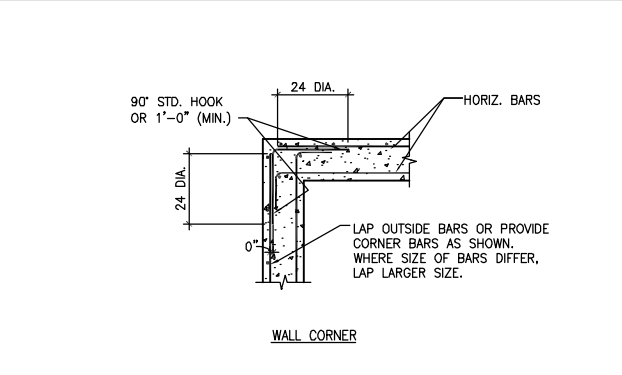
10 TYPICAL TILT-UP PANEL CONNECTIONS
3/4\"/>



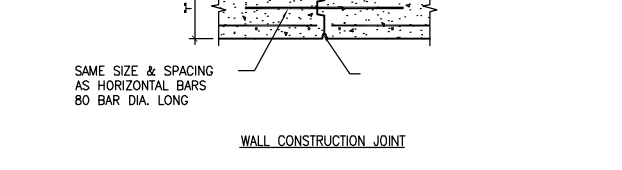
6 TYPICAL TILT-UP PANEL CONNECTION DETAIL @ COLUMN
3/4\"/>



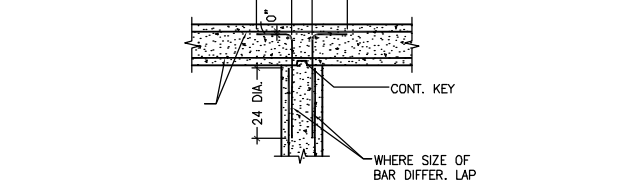
2 TILT-UP PANEL OVERLAP DETAIL
3/4\"/>



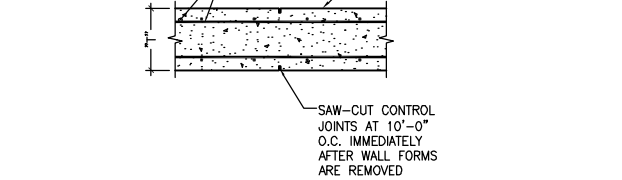
7 TYPICAL WALL DETAILS
SCALE: 3/4\"/>



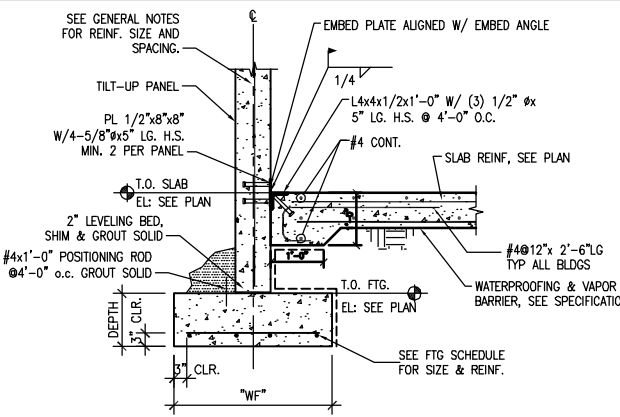
12 DECKING SUPPORT
3/4\"/>



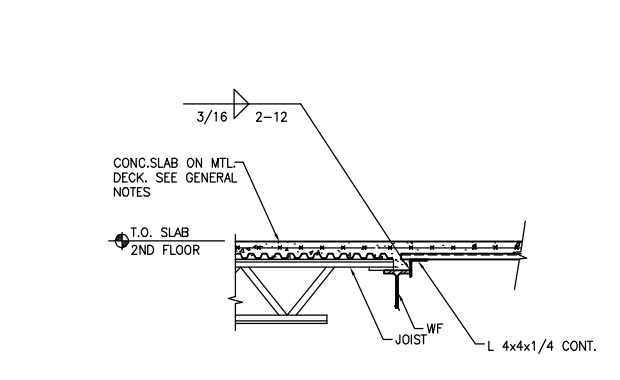
16 TYP. PANEL ON 'WF' FTG. DETAIL
3/4\"/>



3 TYP. REINFORCING @ COL. STRIPS OF TILT-UP PANEL
3/4\"/>



12 DECKING SUPPORT
3/4\"/>



16 TYP. PANEL ON 'WF' FTG. DETAIL
3/4\"/>

ADMINISTRATION BLDG & MAINT BLDG 'B'

SPANDREL WIDTH/ DEPTH	VERT/HORZ. REINF. MAX SPACING
W < 6'-0"	4" O.C.
6'-0" ≤ W < 10'-0"	8" O.C.
W ≥ 10'-0"	SEE PLAN

NOTES: 1. APPLIES TO SOLID PANEL. SEE 4/SS.13.
2. REINFORCEMENT PLACED IN SINGLE LAYER.

MAINTENANCE BLDGS 'A' & 'C'

SPANDREL WIDTH/ DEPTH	VERT/HORZ. REINF. MAX SPACING
W < 6'-0"	8" O.C.
6'-0" ≤ W < 10'-0"	10" O.C. (SEE NOTE 2)
W ≥ 10'-0"	SEE PLAN (SEE NOTE 2)

NOTES: 1. SEE 4/SS.13 FOR DEFINITION OF CROSS-SECTION.
2. APPLIES TO INNER STRUCTURAL W/ THE OF INSULATED PANEL W/ A SINGLE LAYER OF STRUCTURAL REINFORCEMENT.
3. SEE PLAN FOR OUTER (W/OUT) W/ THE REINFORCEMENT OF INSULATED PANEL.
4. SEE ELEVATION 12/SS.13 FOR REQUIRED REINFORCEMENT SOLID/INSULATED PANEL ORIENTATION.

12 DECKING SUPPORT
3/4\"/>

8 TYP. TILT-UP PANEL REINF. SPACING SCHEDULE
NTS



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SCALE 1/8"=1'-0"

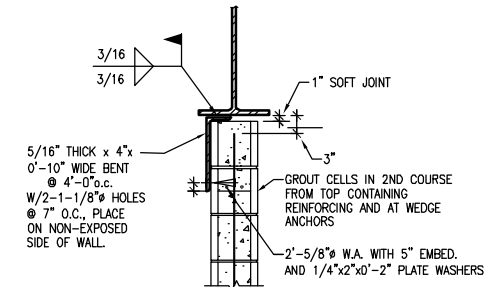
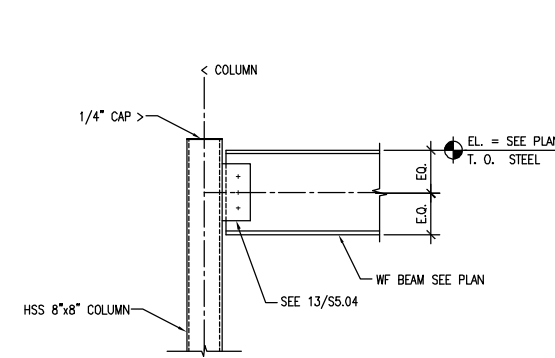
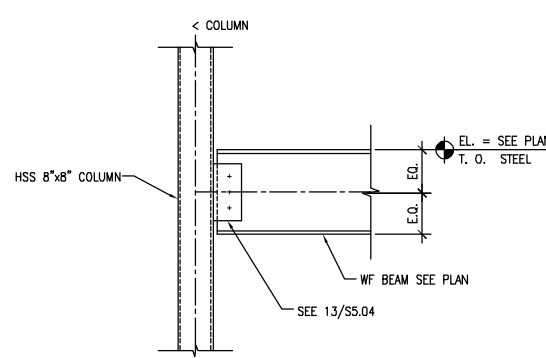
DRAWN BY T.R.

CHECKED BY P.A.

APPROVED BY T.A.

MAX. BEAM SIZE	No. BOLTS	CONN. PL. SIZE	WELD SIZE "W"	ALLOW. REACTION
W8	2	1/4"	3/16"	11.1 Kips
W10	2	1/4"	3/16"	11.1 Kips
W12	3	5/16"	1/4"	22.1 Kips
W14	3	5/16"	1/4"	22.1 Kips
W16	4	5/16"	1/4"	35.4 Kips
W18x46	4	5/16"	1/4"	35.4 Kips
W18x60	5	5/16"	1/4"	49.1 Kips
W21x62	5	5/16"	1/4"	49.1 Kips
W21x93	6	5/16"	1/4"	62.7 Kips
W24	6	5/16"	1/4"	62.7 Kips
W24x104 & HEAVIER	7	5/16"	1/4"	76.4 Kips
W27	7	5/16"	1/4"	76.4 Kips
W30	8	7/16"	3/8"	100 Kips
W33	9	1/2"	3/8"	120 Kips
W36	10	9/16"	7/16"	140 Kips
W40	12	5/8"	7/16"	170 Kips

NOTE: ALL BOLTS ~ϕ A325N @ BEAM TO GIRDER CONNECTION.
ALL BOLTS ~ϕ A325SC @ BEAM TO COLUMN CONNECTION.

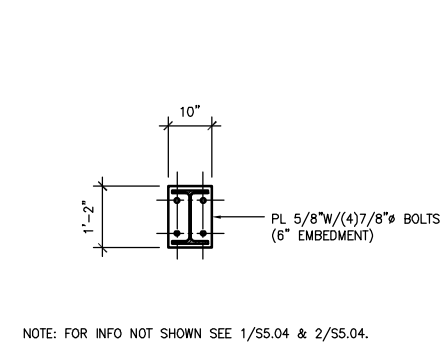
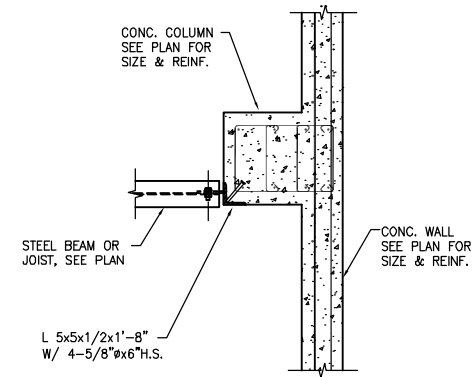
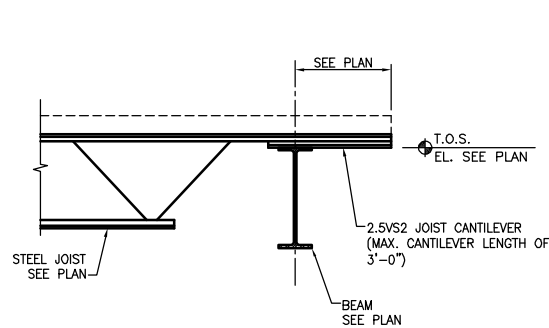


13 SINGLE PLATE CONNECTION TABLE
SCALE: 1"=1'-0"

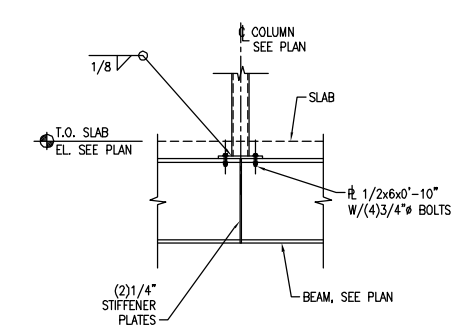
14 BEAM CONNECTION TO COLUMN
SCALE: 3/4"=1'-0"

15 ROOF BEAM CONNECTION TO COLUMN
SCALE: 3/4"=1'-0"

16 TOP OF WALL BRACING
SCALE: 1"=1'-0"



NOTE: FOR INFO NOT SHOWN SEE 1/S5.04 & 2/S5.04.

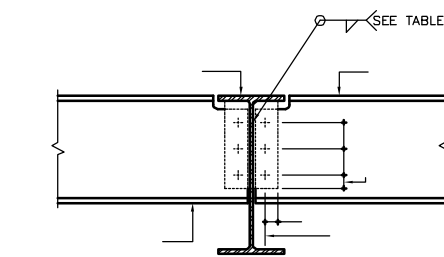


9 TYPICAL JOIST TOP CHORD CANTILEVER EXTENSION
SCALE: 3/4"=1'-0"

10 TYPICAL CORNER CONNECTION TO CONG. COLUMN
SCALE: 3/4"=1'-0"

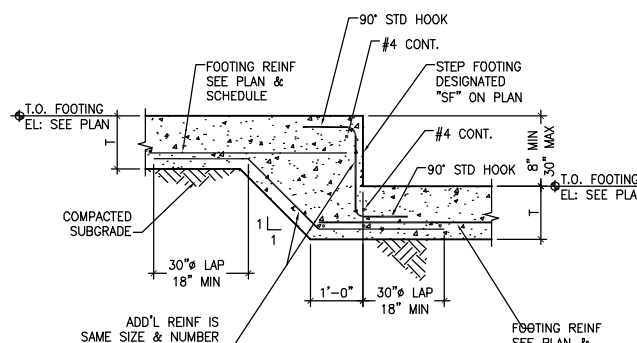
11 SOUTH ENTRY COLUMN BASEPLATE @ A4.1/ AF.1, AF.4, AF.8
SCALE: 3/4"=1'-0"

12 COLUMN TRANSFER DETAIL
SCALE: 3/4"=1'-0"

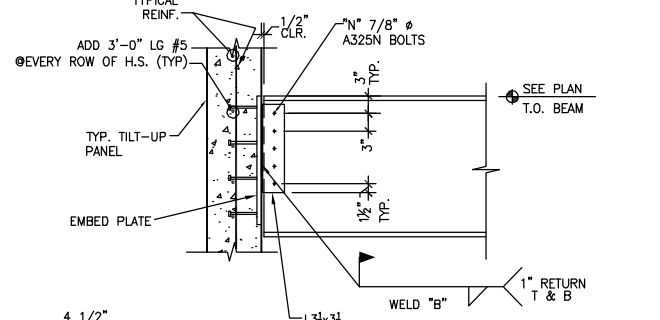


LOCATION	COL. SIZE	BASE PL. SIZE	ANCHOR BOLT
MAINT. "B" TYPICAL	HSS8x8	1"x16"x16"	7/8"ϕ x 7" EMBED
MC/M24	HSS8x8	1 1/4"x16"x16"	7/8"ϕ x 7 1/2" EMBED
ADMIN. CANOPY (W. OF AA)	HSS8x8	1"x16"x16"	7/8"ϕ x 6" EMBED
ADMIN. CANOPY (A0.4 - AF.9)	HSS8x8	1"x16"x16"	7/8"ϕ x 6" EMBED
ADMIN. BLDG.	HSS6x6	1 1/4"x14"x14"	7/8"ϕ x 7 1/2" EMBED
ADMIN. BLDG.	HSS8x8	1 1/4"x16"x16"	7/8"ϕ x 7 1/2" EMBED
BRIDGE COL'S	HSS14x14	1 3/8"x22"x22"	1 1/4"ϕ x 13 1/2" EMBED

NOTE: SEE DETAILS 1/S5.04 & 2/S5.04 FOR ADD'L INFO.



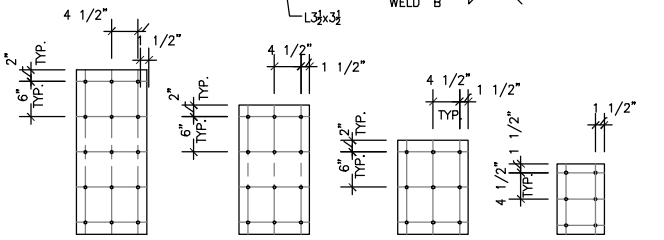
T = THICKNESS OF CONT. WALL FOOTING, SEE PLAN AND SCHEDULE.



5 TYPICAL BEAM TO GIRDER CONNECTION
SCALE: 1"=1'-0"

6 STEEL COLUMN BASE PLATE SCHEDULE
SCALE: 3/4"=1'-0"

7 TYPICAL STEP FOOTING DETAIL
N.T.S.

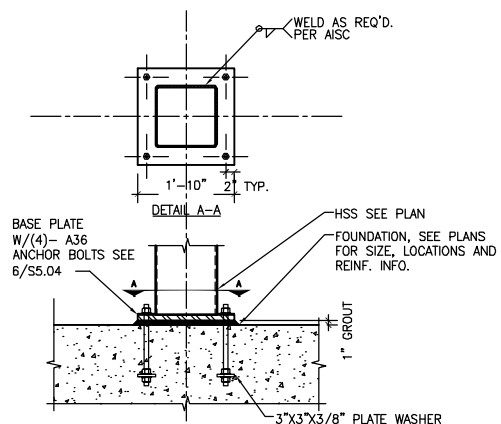


TYPE "D" PL 3/4" x 12" x 2'-4" W/ 15-3/4" x 5" HSA
TYPE "A" PL 3/4" x 12" x 1'-10" W/ 12-3/4" x 5" HSA
TYPE "B" PL 5/8" x 12" x 1'-4" W/ 9-3/4" x 5" HSA
TYPE "C" PL 5/8" x 8" x 1'-0" W/ 6-3/4" x 5" HSA

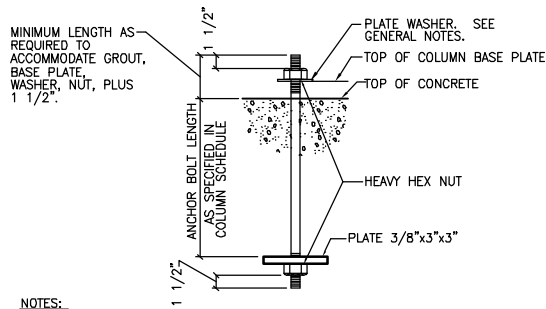
BEAM SIZE	"N"	ANGLE SIZE	EMBED PL.	WELD "B"
W8-W10	2	(2) L3 1/2" x 2 1/2" x 5/16"	"C"	1/4
W12-W16	3	(2) L3 3/4" x 3 1/2" x 5/16"	"B"	1/4
W18-W21	4	(2) L3 1/2" x 3 1/2" x 5/16"	"B"	1/4
W24-W30	5	(2) L3 3/4" x 3 1/2" x 3/8"	"A"	5/16
W24x94 & HEAVIER	6	(2) L3 3/4" x 3 1/2" x 3/8"	"D"	5/16
W33-W36	6	(2) L3 3/4" x 3 1/2" x 3/8"	"D"	5/16

USE 5/16" BENT PLATE @ SKEWED CONDITION.

1 TYPICAL HSS COLUMN BASE PLATE
SCALE: 3/4"=1'-0"



2 TYPICAL TYPE B ANCHOR BOLT
N.T.S.



- NOTES:
- SEE COLUMN SCHEDULE FOR ANCHOR BOLT SIZE.
 - BOLT THREADS AT THE EMBEDDED END SHALL BE STRIKED AT TWO PLACES BELOW THE HEAVY HEX NUT.
 - UNLESS NOTED OTHERWISE, ALL BOLTS SHALL BE TIGHTENED TO A "SNUG TIGHT" CONDITION AS DEFINED BY AISC AFTER THE CONCRETE IS AT LEAST 14 DAYS OLD.
 - THE HOLE IN THE PLATE WASHER SHALL BE 1/16" LARGER THAN THE BOLT DIAMETER.

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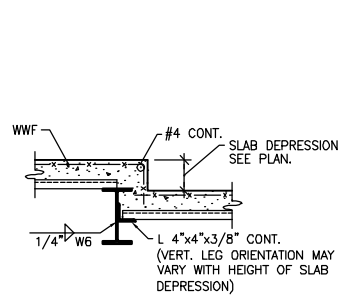
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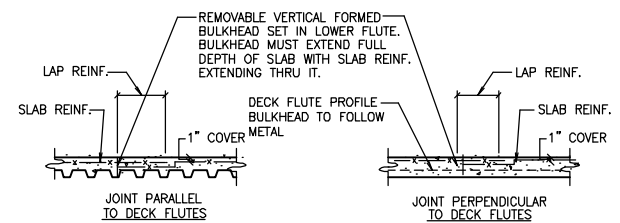
DRAWN BY T.R.

CHECKED BY P.A.

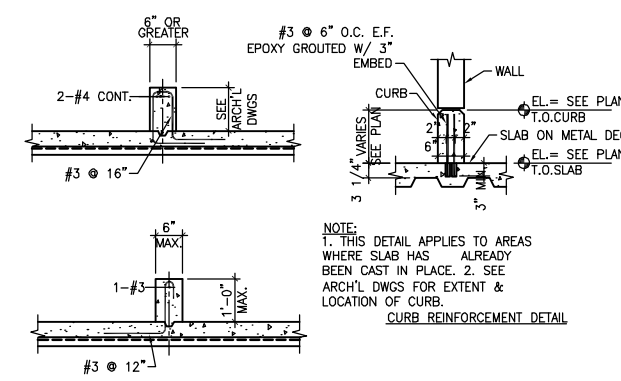
APPROVED BY T.A.



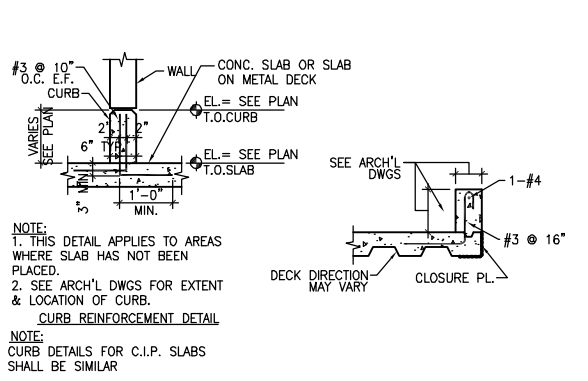
13 TYPICAL SLAB DEPRESSION DETAIL
3/4"=1'-0"



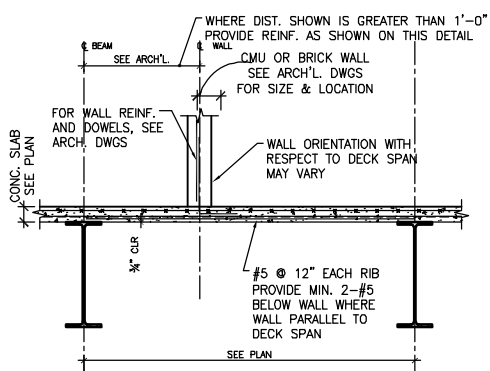
14 TYPICAL CONSTRUCTION JOINT SLAB ON METAL DECK
3/4"=1'-0"



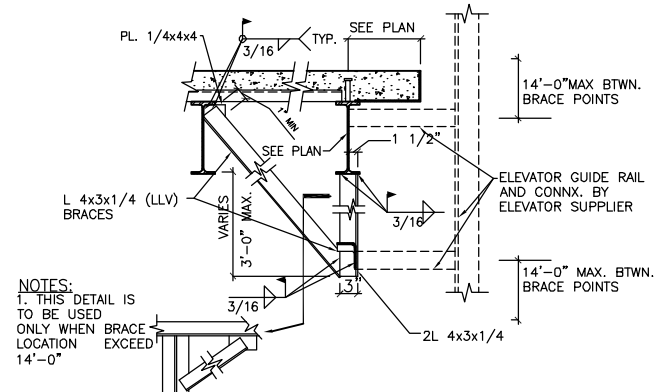
15 TYPICAL CONCRETE CURB DETAILS
3/4"=1'-0"



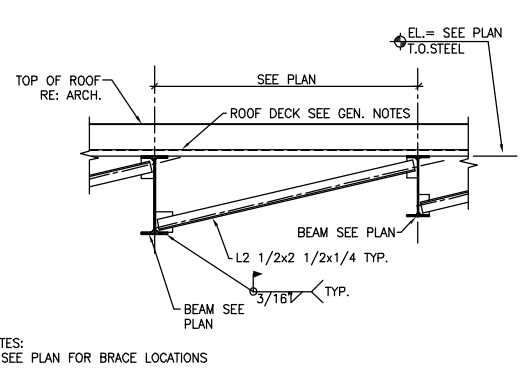
12 STEEL BEAM TO COLUMN FLANGE DOUBLE ANGLE SHEAR CONNECTION
3/4"=1'-0"



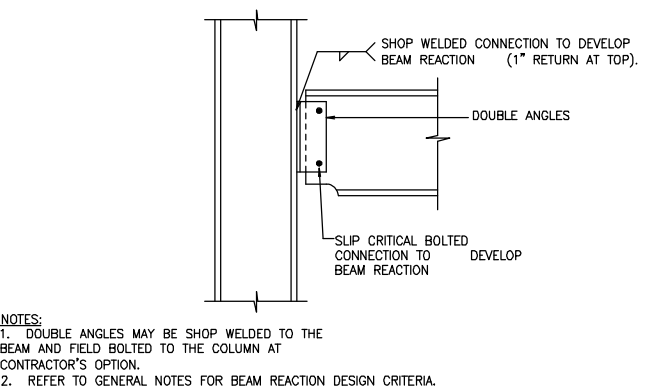
9 TYPICAL SLAB REINFORCING BELOW MASONRY WALLS
1/2"=1'-0"



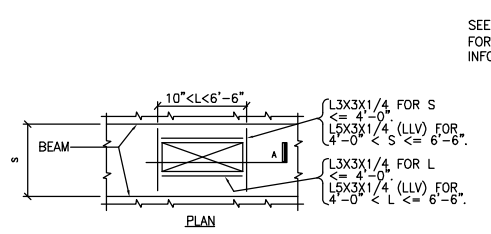
10 TYP. ELEV. GUIDE RAIL BRACE
1"=1'-0"



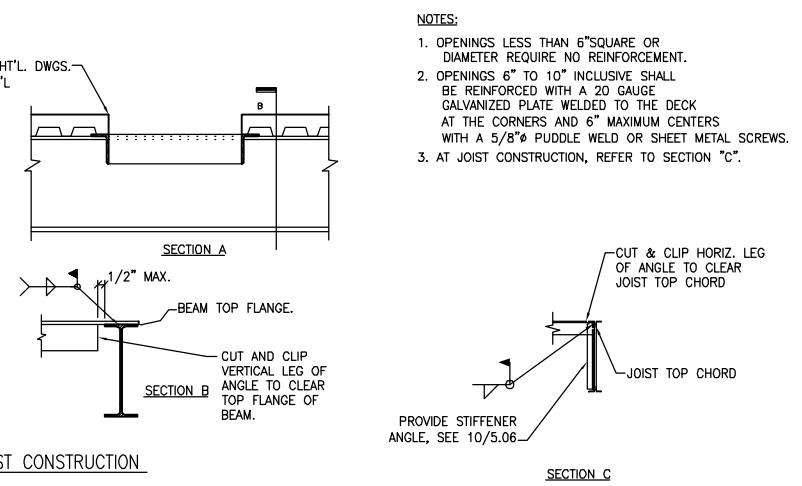
11 TYPICAL BOTTOM CHORD BRACE-BEAMS PERP TO ROOF DECK
3/4"=1'-0"



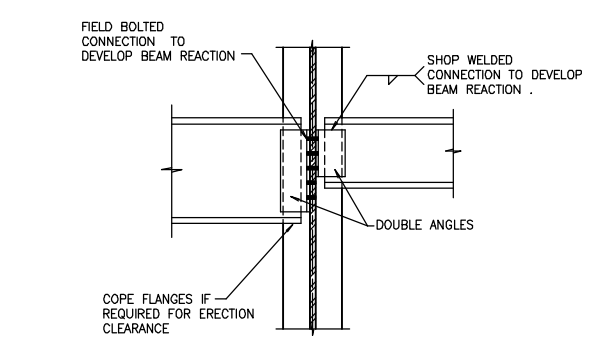
12 STEEL BEAM TO COLUMN FLANGE DOUBLE ANGLE SHEAR CONNECTION
3/4"=1'-0"



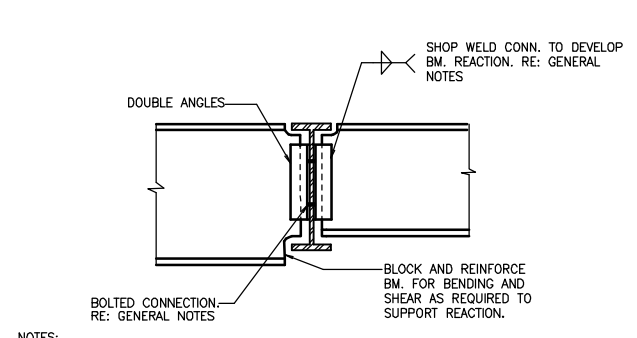
5 TYPICAL DETAIL ROOF/FLOOR OPENING, STEEL BEAM/JOIST CONSTRUCTION
3/4"=1'-0"



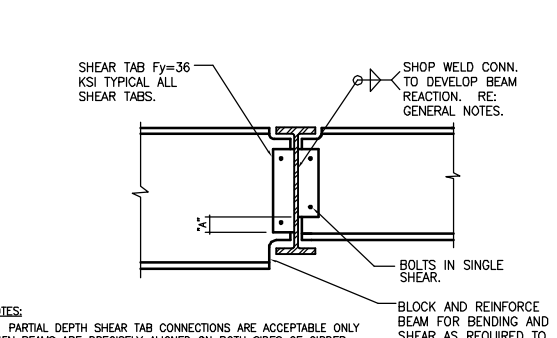
7 TYP. DETAIL METAL DECK SUPPORT AT STEEL COLUMNS
3/4"=1'-0"



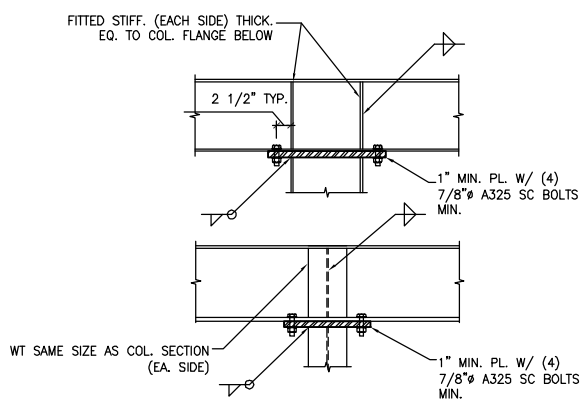
1 STEEL BM. TO COLUMN WEB DOUBLE ANGLE SHEAR CONNECTION
3/4"=1'-0"



2 TYP. DETAIL BEAM TO BEAM DOUBLE ANGLE SHEAR CONNECTION
3/4"=1'-0"



3 TYP. DETAIL BEAM TO BEAM SHEAR TAB CONNECTION
3/4"=1'-0"



4 TYP. DETAIL FOR BEAM OVER COLUMN (U.N.O.)
1"=1'-0"



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DATE OF SEAL	
SHEET CONTENT	
STRUCTURAL DETAILS	
DATE	
SCALE	1/8"=1'-0"
DRAWN BY	T.R.
CHECKED BY	P.A.
APPROVED BY	T.A.

REV	DESCRIPTION	DATE

New Administration, Operation and Maintenance Facility for:
PSTA
Pinellas Suncoast Transit Authority
 Scherer Drive
 Pinellas County, Florida 33771

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DATE OF SEAL

SHEET CONTENT

STRUCTURAL DETAILS

DATE

SCALE 1/8"=1'-0"

DRAWN BY T.R.

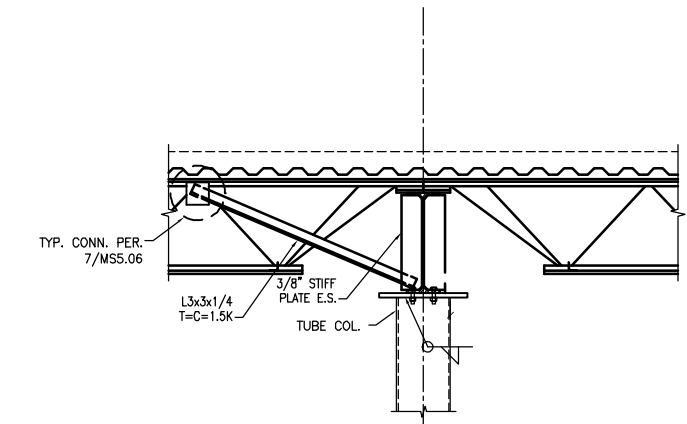
CHECKED BY P.A.

APPROVED BY T.A.

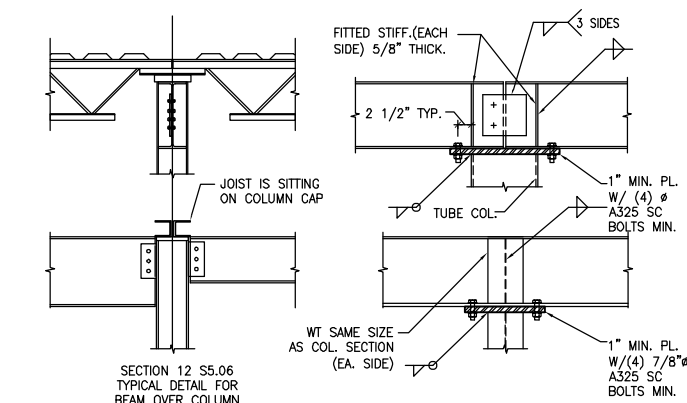
PB PROJECT NUMBER 15550FFD

CLIENT PROJECT NUMBER

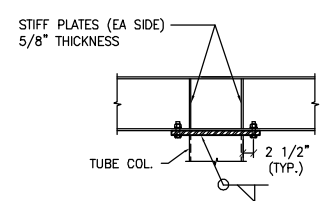
SHEET NUMBER **S5.06**



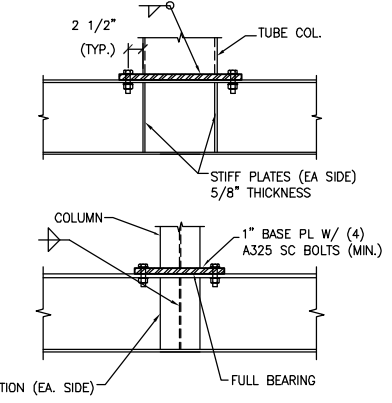
16 TYP. DETAIL FOR JOIST TO COL AT ROOF
 1'-1'-0"



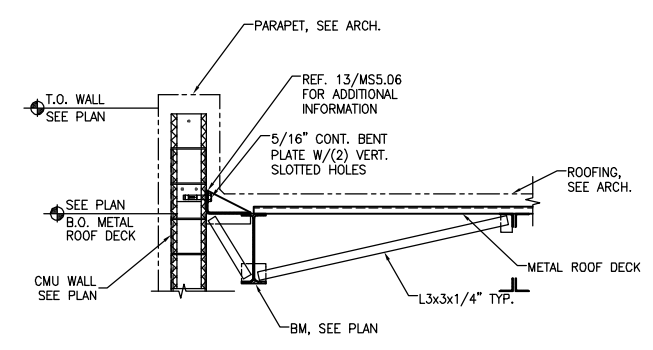
12 TYP. DETAIL FOR BEAM OVER COLUMN (U.N.O.)
 1'-1'-0"



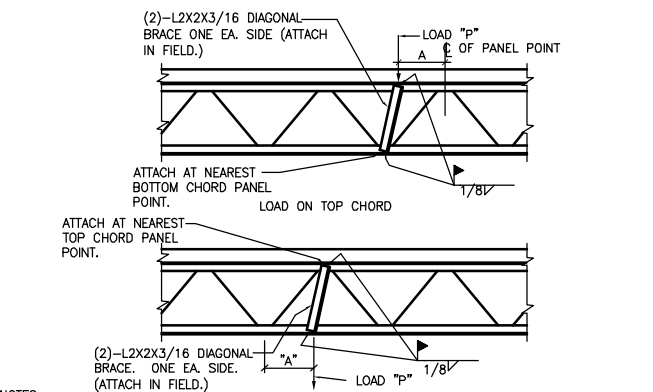
15 DETAIL FOR COL. OR POST PICK-UP
 1'-1'-0"



11 DETAILS FOR COL. OR POST PICK-UP (U.N.O.) NTS

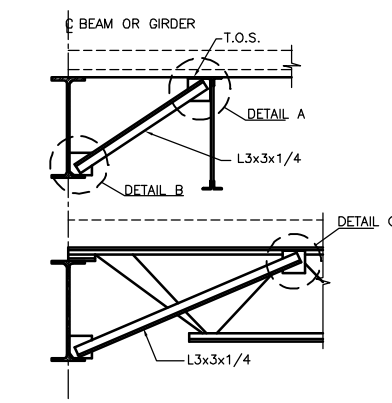


14 TYPICAL SECTION
 3/4'-1'-0"



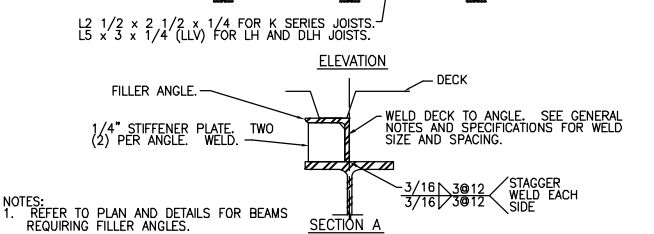
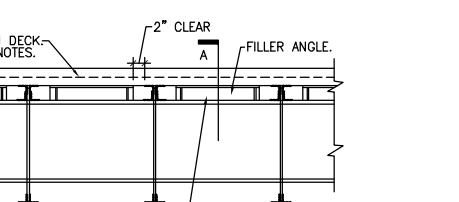
10 TYPICAL STIFFENING OF STL. JOIST FOR CONCENTRATED LOADS
 N.T.S.

- NOTES:
- DIAGONAL BRACE IS NOT REQUIRED FOR "A" LESS THAN THREE INCHES.
 - PROVIDE DIAGONAL BRACE AT LOCATION OF CONCENTRATED LOADS SUCH AS PARTITIONS, HEAVY PIPES, MECHANICAL UNITS, HEAVY LIGHTS AND ANY OTHER CONCENTRATED LOADS AS DIRECTED BY ENGINEER.
 - P = CONCENTRATED LOAD.



7 TYPICAL DETAIL @ BEAM BOTTOM FLANGE BRACE (JOIST CONST.)
 3/4'-1'-0"

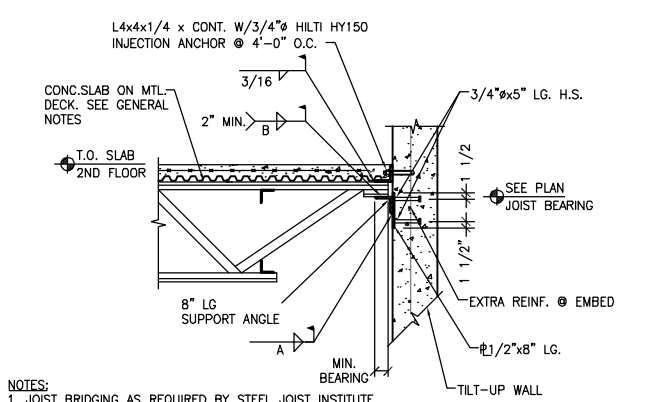
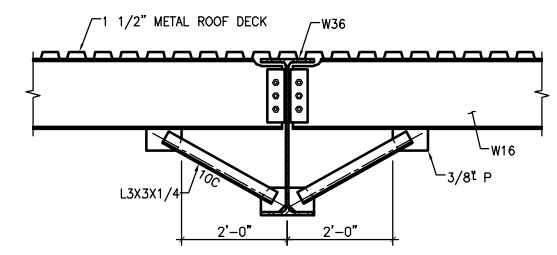
- NOTES:
- BRACE BOTTOM CHORDS OF ALL N/S RUNNING GIRDERS (PENTHOUSE LEVEL) AT CENTER
 - FIELD WELDING OF 1/4" CONNECTION PLATES SHALL BE AT FABRICATOR'S OPTION.
 - ALL BRACING SHALL BE IN PLACE AND WELDED BEFORE DECK INSTALLATION.
 - BRACE SIZES SHOWN ARE TYPICAL UNLESS OTHERWISE NOTED ON PLAN.
 - SEE GENERAL NOTES FOR DECK CONSTRUCTION.



4 TYP. JST. DECK DIAPHRAM CONN. TO STL. BM.
 1'-1'-0"

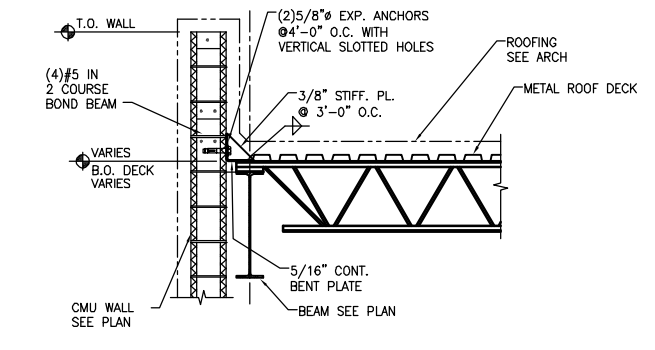
- NOTES:
- REFER TO PLAN AND DETAILS FOR BEAMS REQUIRING FILLER ANGLES.

3 BEAM BOTTOM CHORD BRACE
 3/4'-1'-0"

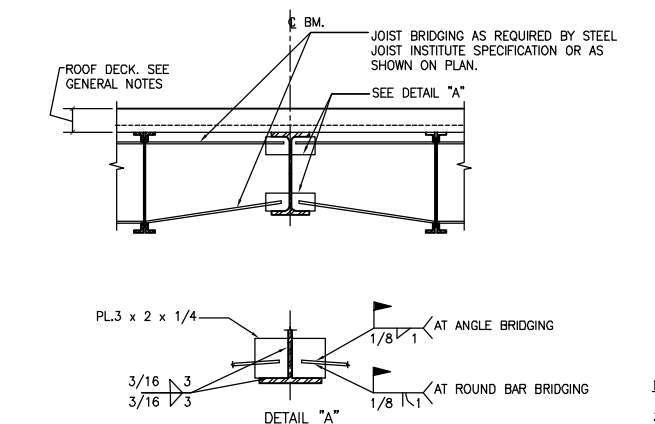


2 JOIST SUPPORT @ CONC. WALL
 3/4'-1'-0"

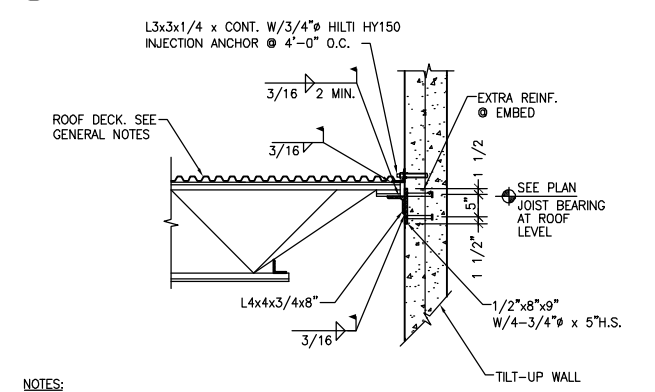
- NOTES:
- JOIST BRIDGING AS REQUIRED BY STEEL JOIST INSTITUTE SPECIFICATIONS OR SHOWN ON PLAN.
 - THIS DETAIL SHALL BE WORKED WITH TABLE A IN 3/SS.15.



13 SECTION
 3/4'-1'-0"

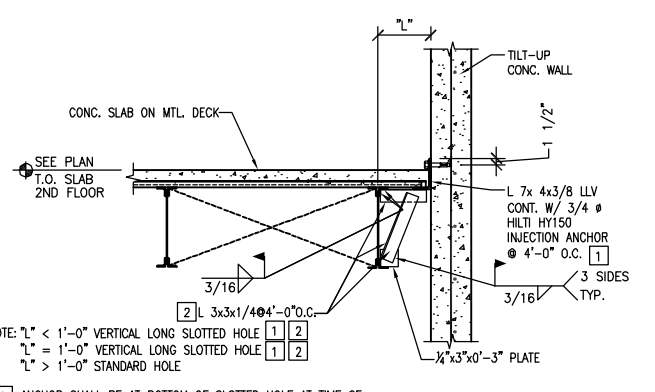


9 TYPICAL JOIST BRIDGING ANCHORAGE TO BEAM
 3/4'-1'-0"



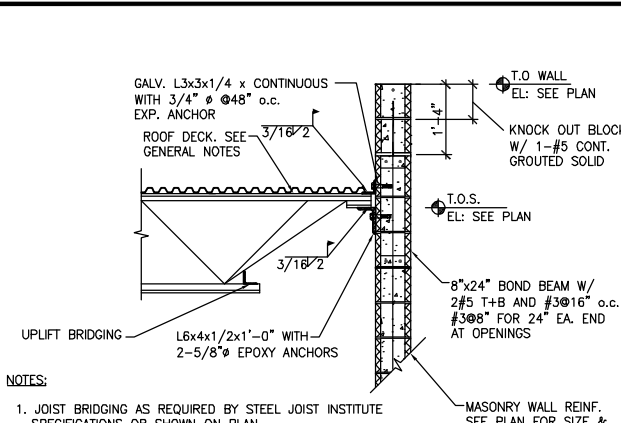
5 ROOF JOIST SUPPORT @ CONC. WALL
 3/4'-1'-0"

- NOTES:
- JOIST BRIDGING AS REQUIRED BY STEEL JOIST INSTITUTE SPECIFICATIONS.

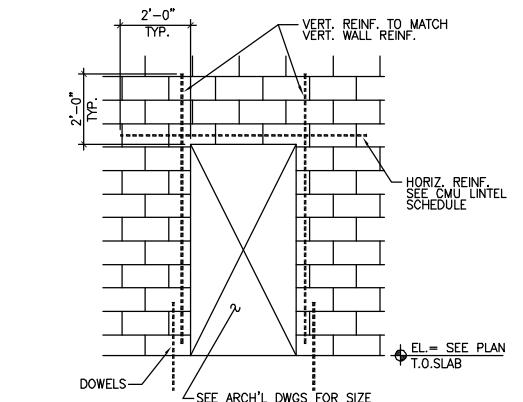


1 SLAB ON MTL DECK TO WALL CONN.
 3/4'-1'-0"

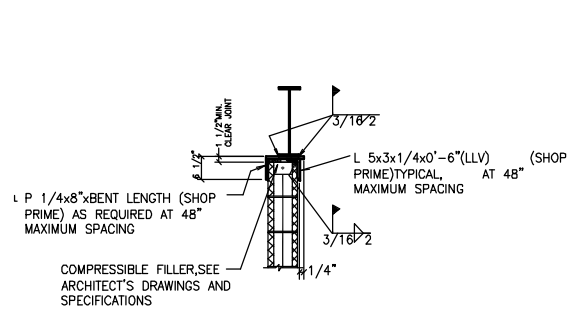
- NOTE: "L" < 1'-0" VERTICAL LONG SLOTTED HOLE
 "L" = 1'-0" VERTICAL LONG SLOTTED HOLE
 "L" > 1'-0" STANDARD HOLE
- | | |
|---|---|
| 1 | 2 |
| 1 | 2 |
- 1 ANCHOR SHALL BE AT BOTTOM OF SLOTTED HOLE AT TIME OF INSTALLATION, BEFORE APPLICATION OF LIVE LOAD
 2 USE BRACE AS SHOWN



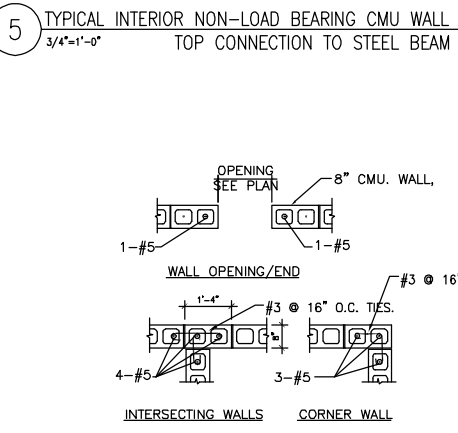
13 ROOF JOIST AT CMU WALL
3/4"=1'-0"



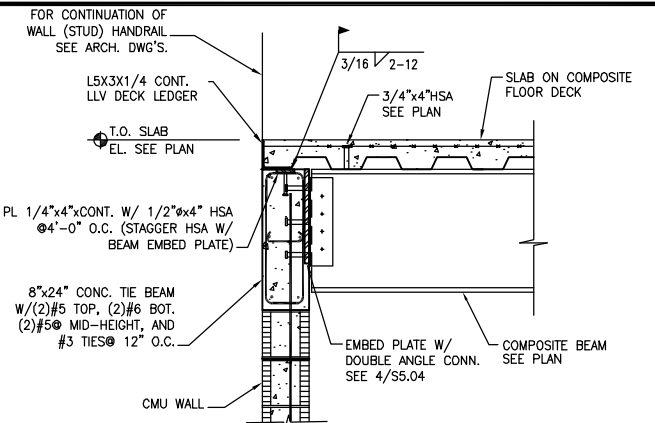
9 TYPICAL REINF. AT DOOR OPENING WITH CMU BOND BEAM
1/2"=1'-0"



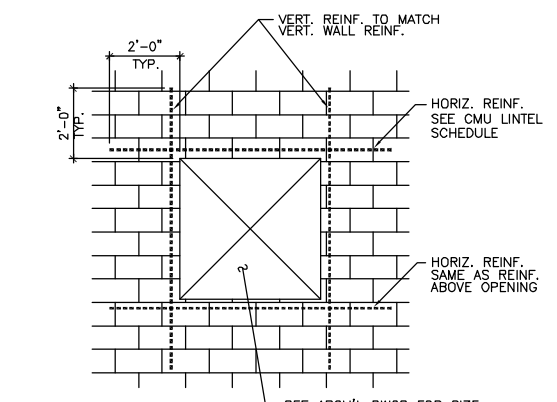
5 TYPICAL INTERIOR NON-LOAD BEARING CMU WALL TOP CONNECTION TO STEEL BEAM
3/4"=1'-0"



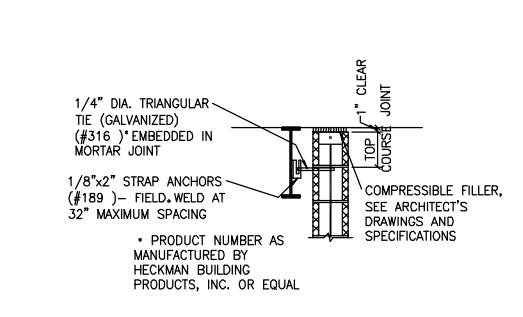
1 TYPICAL DOWEL REINF. AT TYP. CMU WALL DETAIL
1/2"=1'-0"



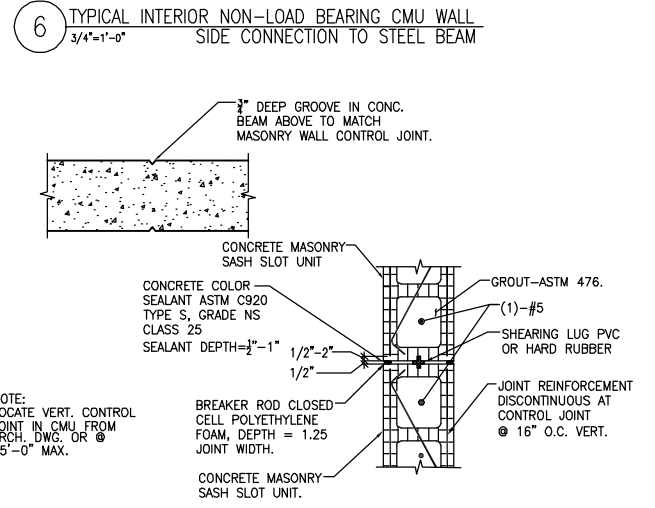
14 COMPOSITE BEAM @ EXTERIOR PLATFORM CMU WALL
1"=1'-0"



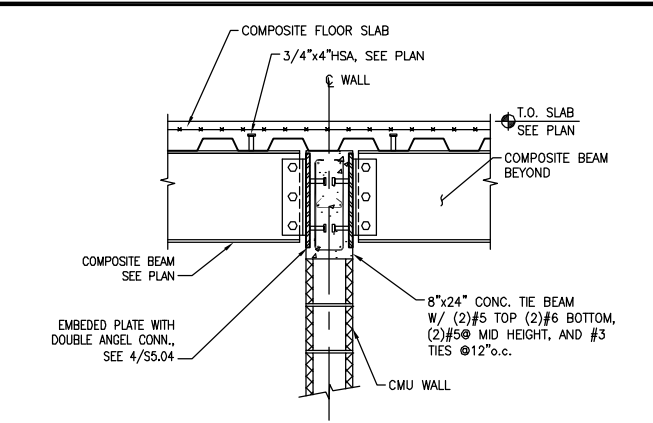
10 TYPICAL AT WINDOW OPENINGS
1/2"=1'-0"



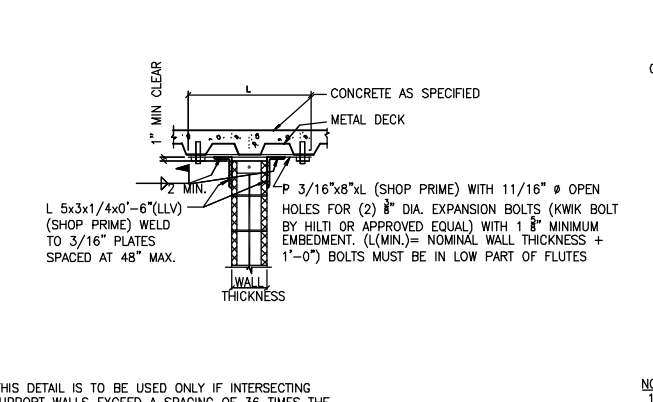
6 TYPICAL INTERIOR NON-LOAD BEARING CMU WALL SIDE CONNECTION TO STEEL BEAM
3/4"=1'-0"



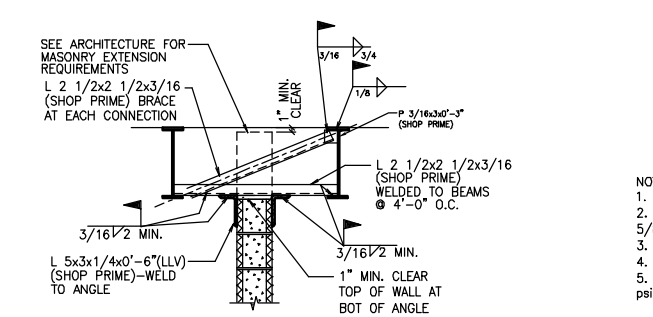
2 TYPICAL VERT. CMU CONTROL JT. DETAIL
3/4"=1'-0"



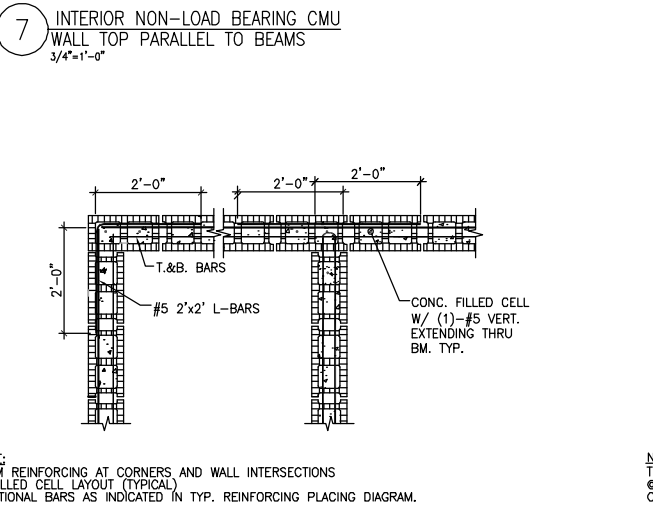
15 COMPOSITE BEAM AT INTERIOR PLATFORM CMU WALL
1"=1'-0"



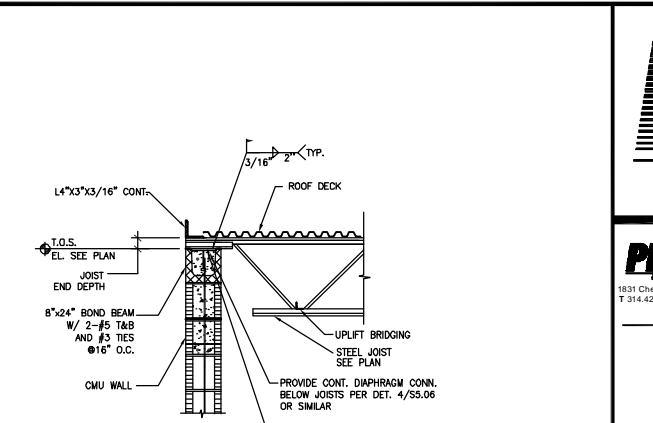
11 INTERIOR NON-LOAD BEARING CMU TOP CONNX. TO DK
3/4"=1'-0"



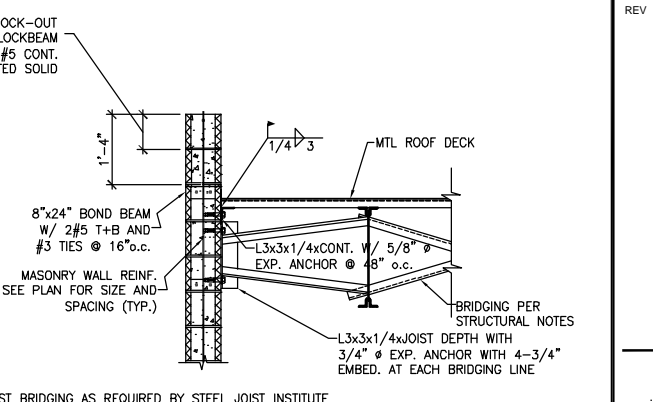
7 INTERIOR NON-LOAD BEARING CMU WALL TOP PARALLEL TO BEAMS
3/4"=1'-0"



3 TYPICAL CORNER REINFORCING DETAIL
3/4"=1'-0"

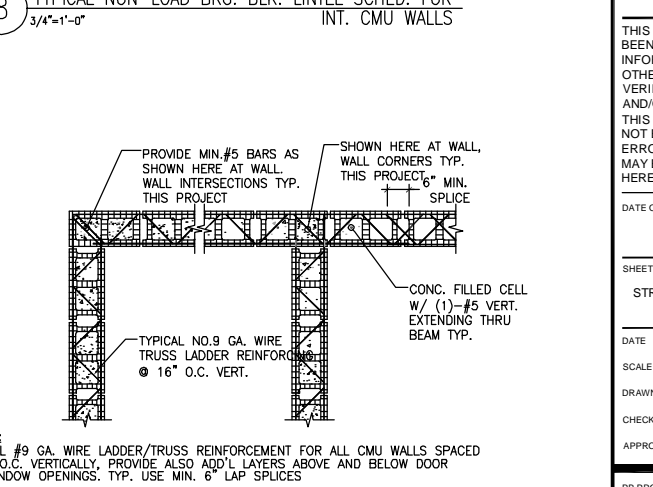


16 ROOF JOIST BRG. @ CMU WALL
1"=1'-0"



12 ROOF DECK TO CMU WALL
3/4"=1'-0"

CLEAR SPAN	REINFORCING REQUIREMENTS IN NOMINAL LINTEL SECTION									
	4x8	6x8	8x8	10x8	12x8	14x8	16x8	18x8	20x8	22x8
3-4	1-#3	1-#3	1-#3	1-#3	1-#3	1-#3	1-#3	1-#3	1-#3	1-#3
4-0	1-#3	1-#4	1-#4	1-#4	1-#4	1-#4	1-#4	1-#4	1-#4	1-#4
4-8	1-#4	1-#4	1-#4	1-#4	1-#4	1-#4	1-#4	1-#4	1-#4	1-#4
5-4	1-#4	2-#4	2-#4	2-#4	2-#4	2-#4	2-#4	2-#4	2-#4	2-#4
6-0	1-#5	2-#4	1-#4	2-#4	2-#4	2-#4	2-#4	2-#4	2-#4	2-#4
6-8	N/A	N/A	1-#5	2-#4	2-#4	2-#4	2-#4	2-#4	2-#4	2-#4
7-4	N/A	N/A	1-#5	2-#4	2-#4	2-#4	2-#4	2-#4	2-#4	2-#4
8-0	N/A	N/A	1-#6	2-#4	2-#4	2-#4	2-#4	2-#4	2-#4	2-#4
8-8	N/A	N/A	1-#6	2-#5	2-#5	2-#5	2-#5	2-#5	2-#5	2-#5
9-4	N/A	N/A	1-#7	2-#5	2-#5	2-#5	2-#5	2-#5	2-#5	2-#5



8 TYPICAL NON-LOAD BRG. BLK. LINTEL SCHED. FOR INT. CMU WALLS
3/4"=1'-0"



PB ENGINEERING
1931 Central Street, Saint Louis, MO 63103-2225
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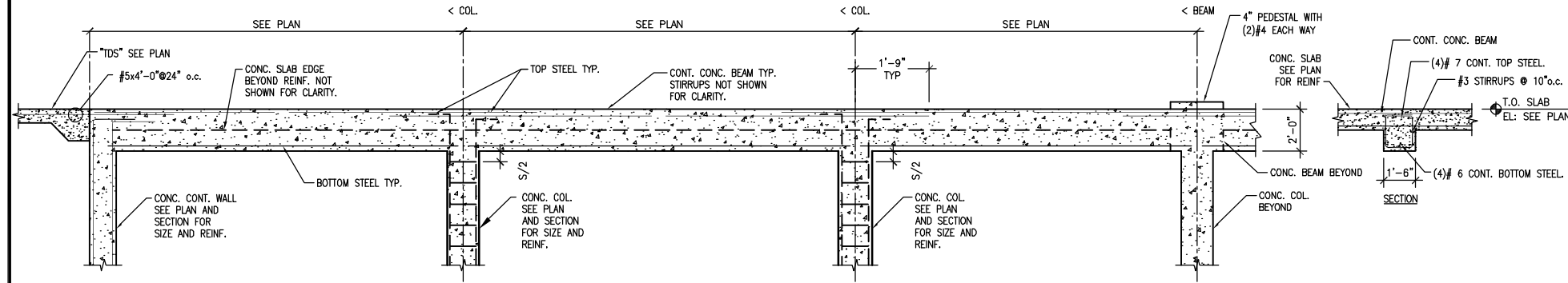
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PSTA
Pinellas Suncoast Transit Authority
Scherer Drive
Pinellas County, Florida 33771

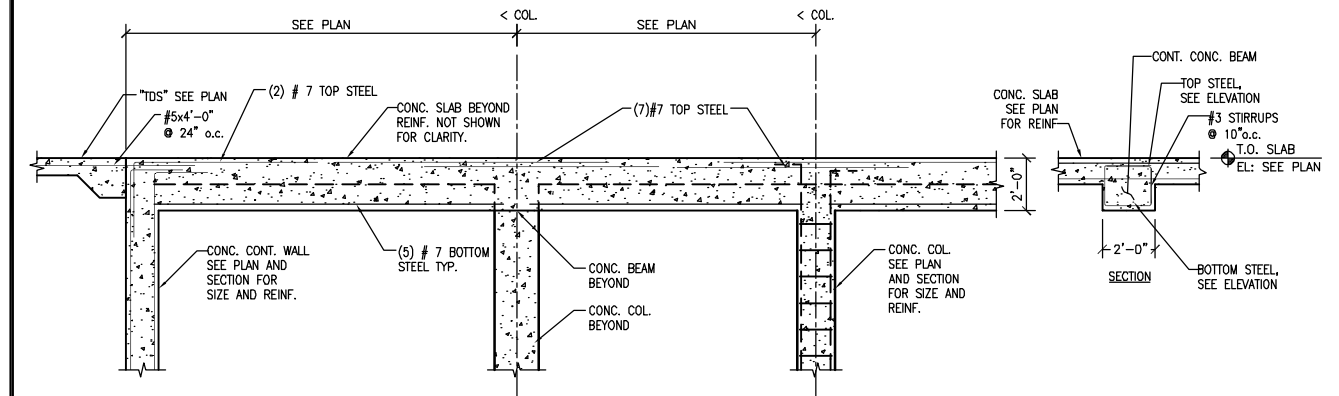
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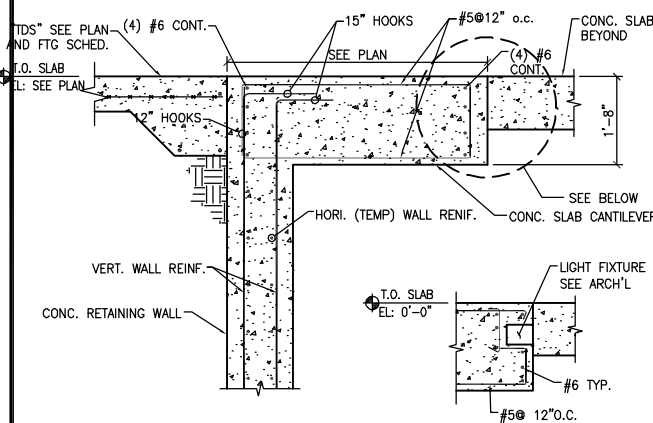
DATE OF SEAL	
SHEET CONTENT	STRUCTURAL DETAILS
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SCALE	1/8"=1'-0"
DRAWN BY	T.R.
CHECKED BY	P.A.
APPROVED BY	T.A.
PB PROJECT NUMBER	15550FFD
CLIENT PROJECT NUMBER	
SHEET NUMBER	S5.07



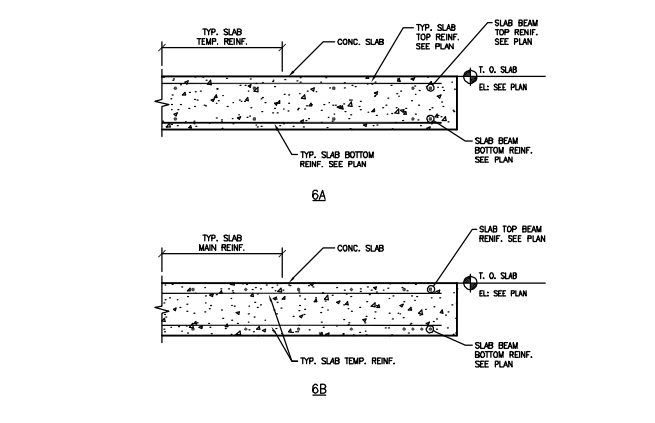
13 CONCRETE FRAME ELEVATION AT MAINTENANCE PIT
NTS



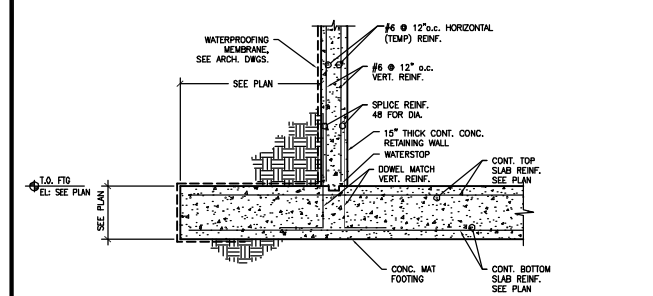
9 CONCRETE FRAME ELEVATION AT MAINTENANCE PIT
NTS



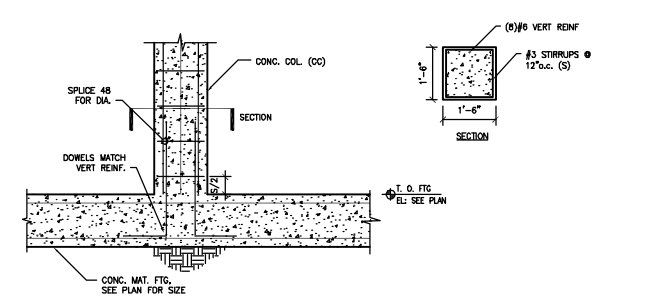
5 SLAB CANTILEVER AT MAINTENANCE PIT
3/4"=1'-0"



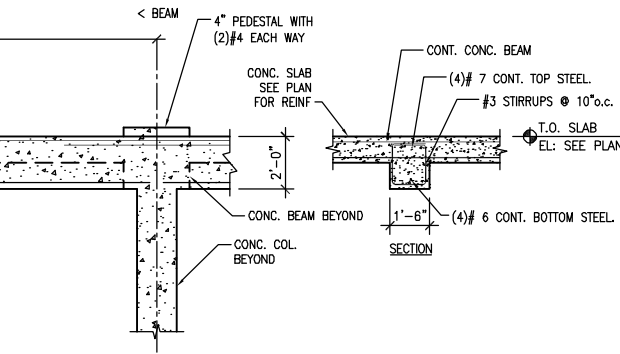
6A 6B SLAB BEAM AT MAINTENANCE PIT
3/4"=1'-0"



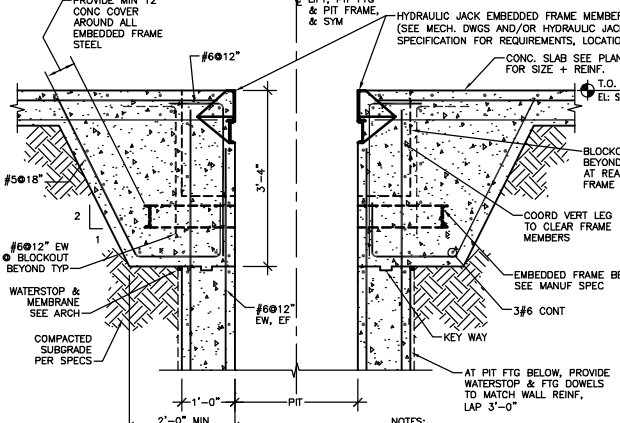
1 RETAINING WALL AT MAINTENANCE PIT
1/2"=1'-0"



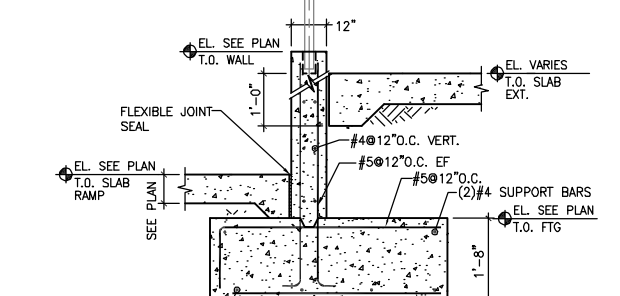
2 CONCRETE COL. AT MAINTENANCE PIT
1/2"=1'-0"



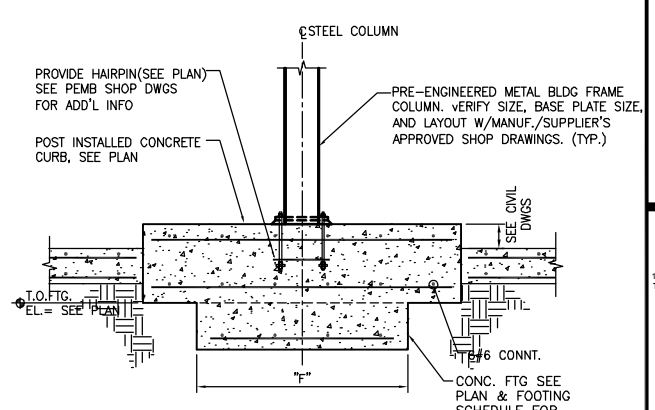
11 PRE-ENGINEERED COLUMN ON SLAB FOOTING
3/4"=1'-0"



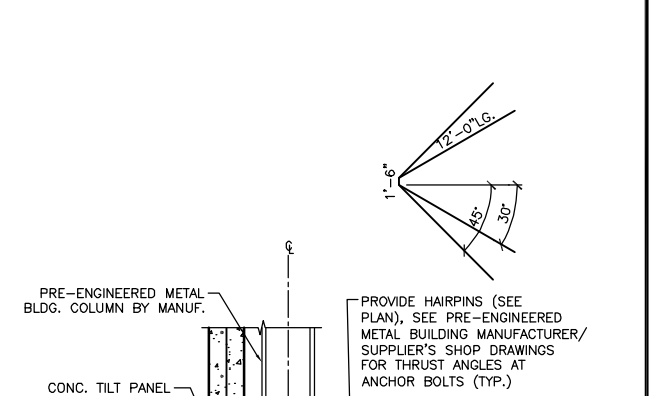
7 TYPICAL LIFT PIT WALL SECTION
3/4"=1'-0"



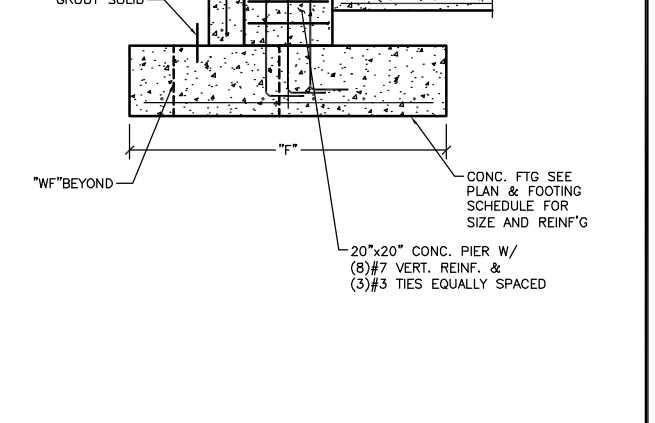
3 SECTION AT RAMP
3/4"=1'-0"



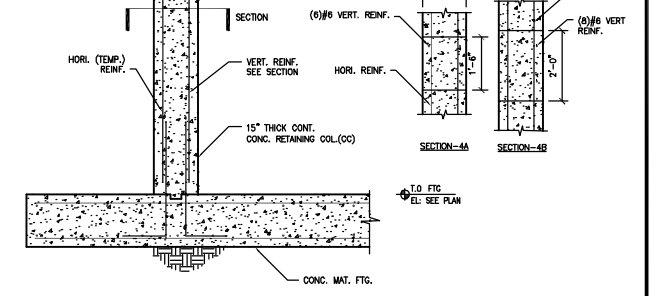
16 PRE-ENGINEERED COLUMN AT CONCRETE CURB
3/4"=1'-0"



11 PRE-ENGINEERED COLUMN ON SLAB FOOTING
3/4"=1'-0"



8 PRE-ENGINEERED COLUMN ON SLAB FOOTING
3/4"=1'-0"



4A 4B RETAINING WALL COLUMN AT MAINTENANCE PIT
1/2"=1'-0"



PB
BRIDGES
BARRIERS
BURNHART

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REV	DESCRIPTION	DATE

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DRAWN BY	T.R.
CHECKED BY	P.A.
APPROVED BY	T.A.

PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER
SHEET NUMBER **S5.08**

REV	DESCRIPTION	DATE

New Administration, Operation and Maintenance Facility for:
PSIA
Pinellas Suncoast Transit Authority
 Scherer Drive
 Pinellas County, Florida 33771

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SHEET CONTENT: STRUCTURAL CANOPY DETAILS

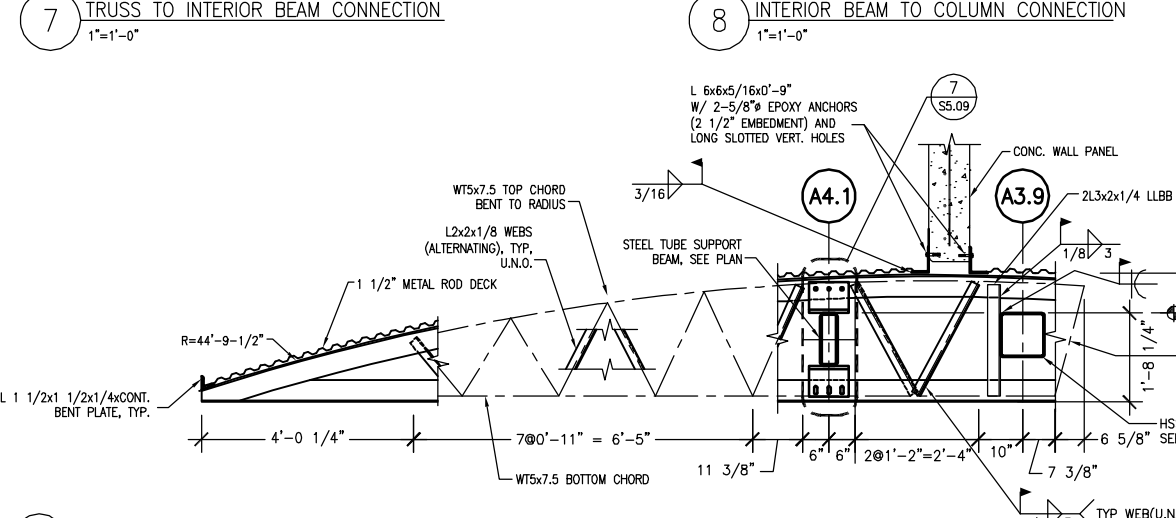
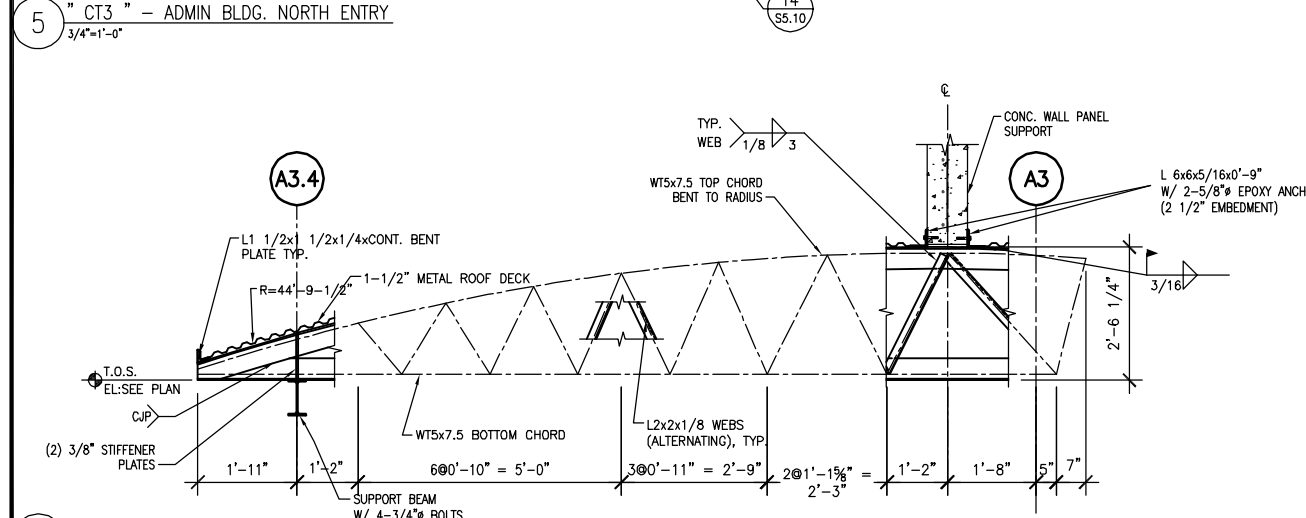
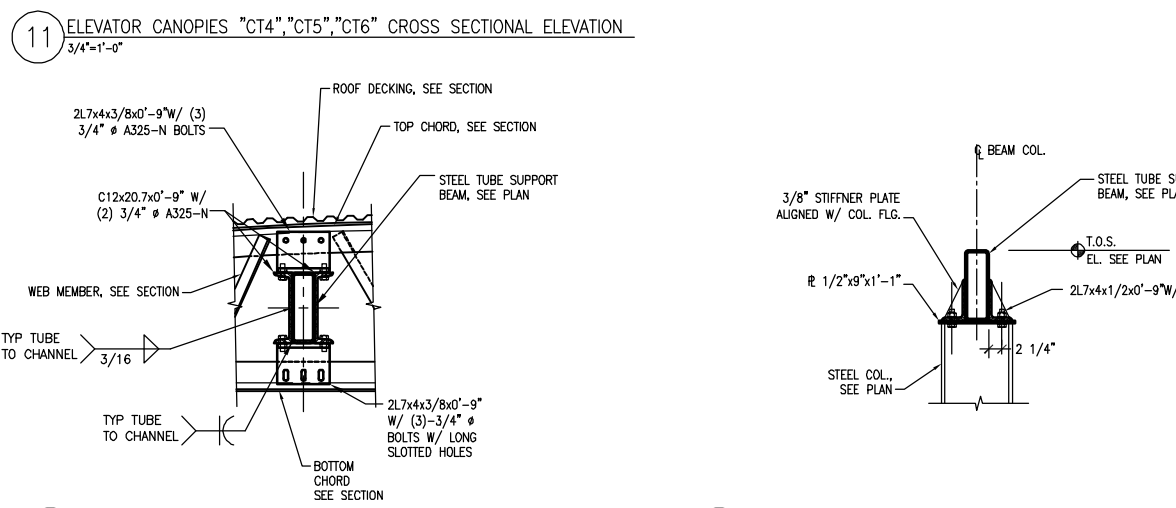
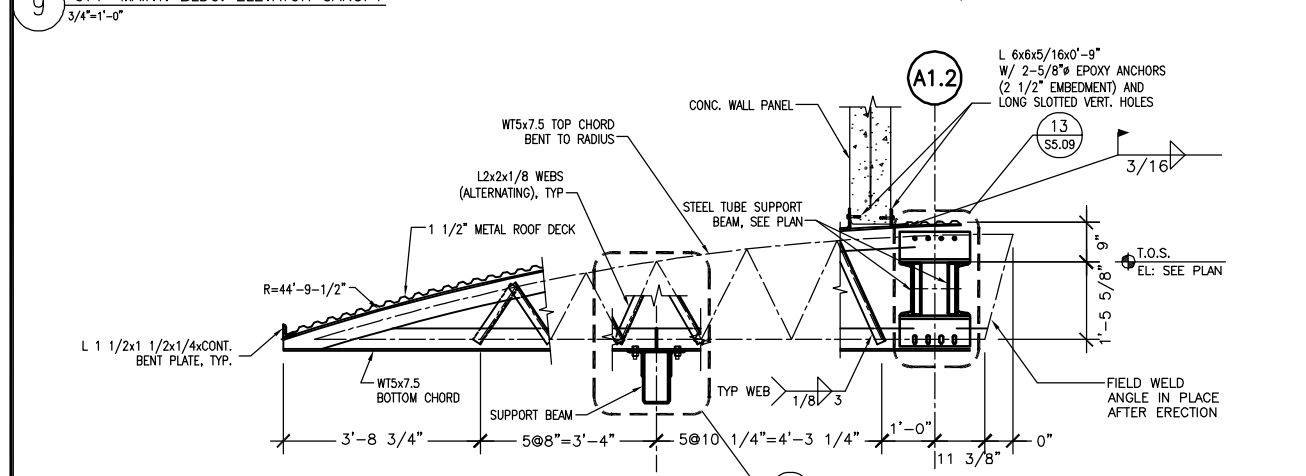
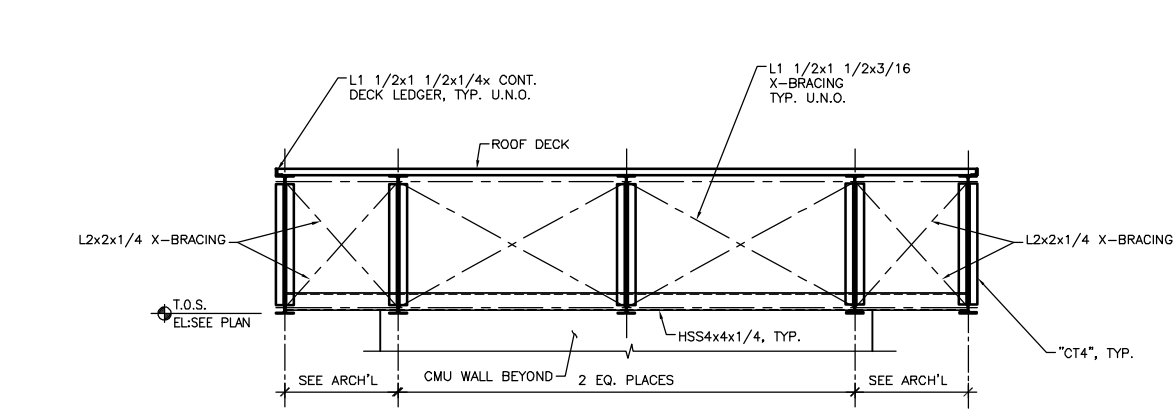
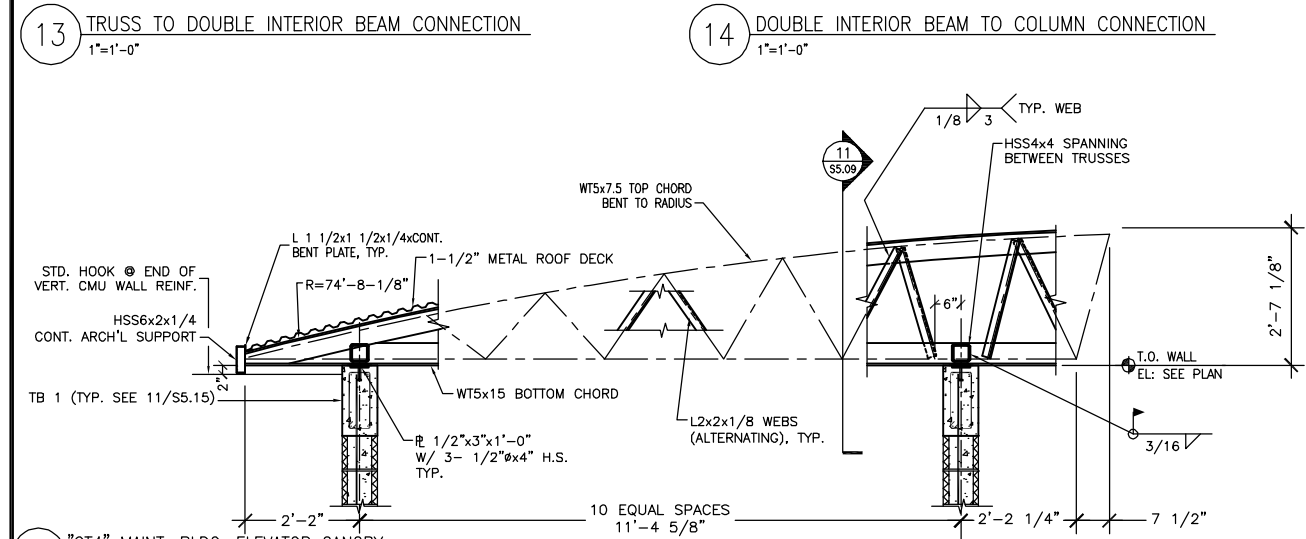
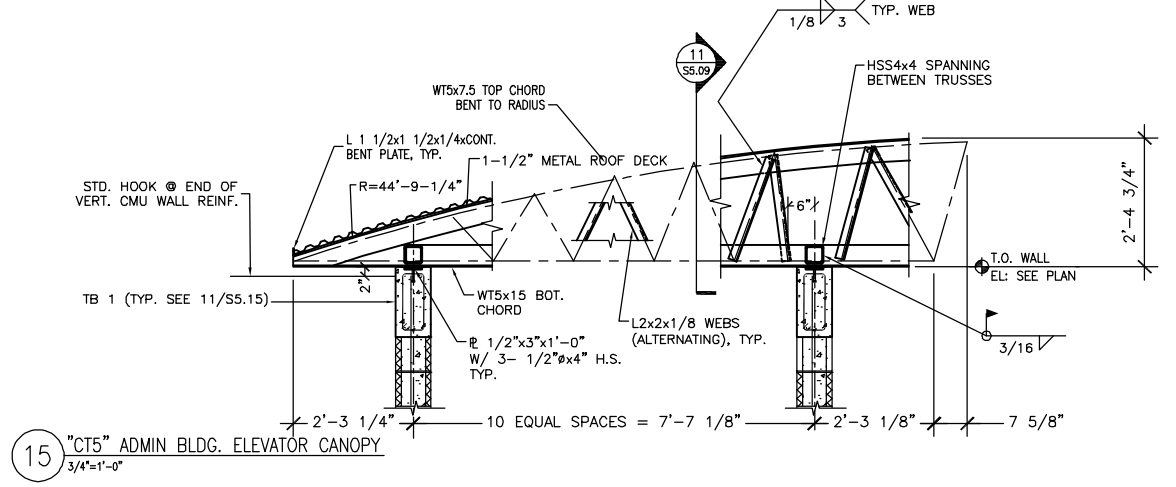
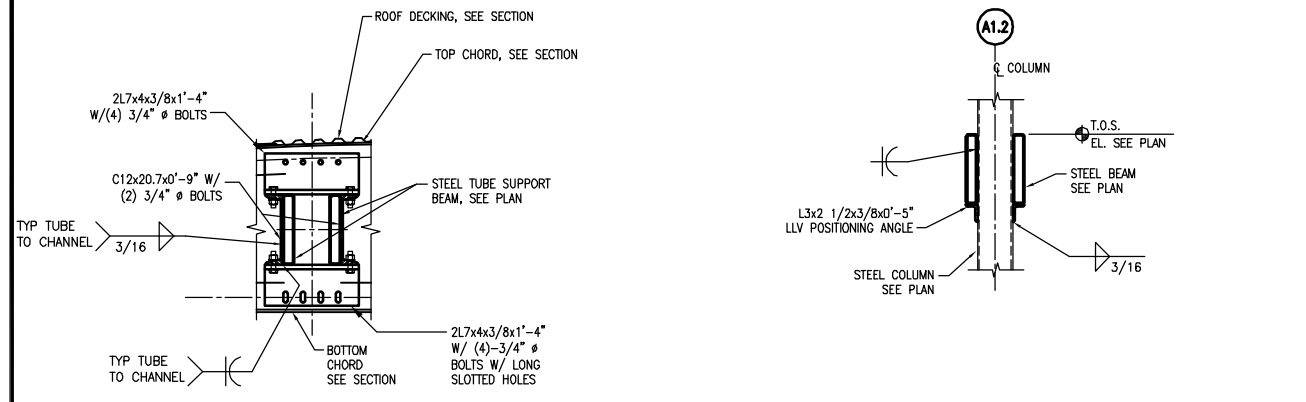
DATE _____ SCALE 1/8"=1'-0"

DRAWN BY _____ T.R.

CHECKED BY _____ P.A.

APPROVED BY _____ T.A.

PB PROJECT NUMBER 15550FFD
 CLIENT PROJECT NUMBER _____
 SHEET NUMBER **S5.09**





PB BRUNNEN
 1531 Chestnut Street, Saint Louis, MO 63103-2225
 T 314-421-1476 F 314-421-1741 www.pbbrunnen.com



REV	DESCRIPTION	DATE

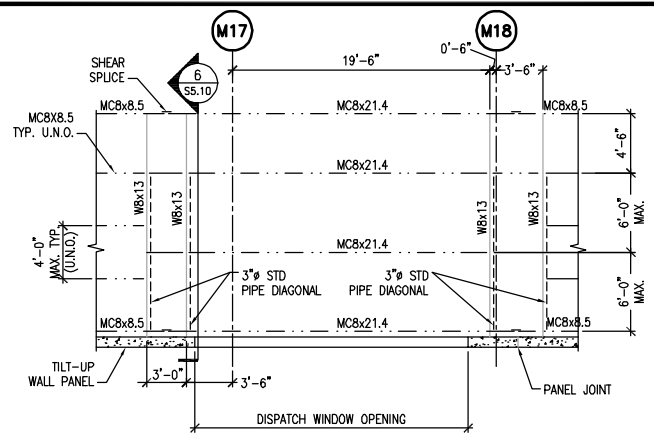
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RECORD DOCUMENTS

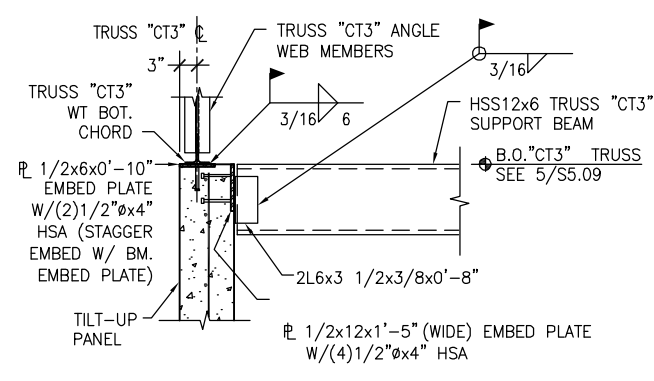
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DATE OF SEAL	
SHEET CONTENT	STRUCTURAL CANOPY DETAILS
DATE	
SCALE	1/8"=1'-0"
DRAWN BY	T.R.
CHECKED BY	P.A.
APPROVED BY	T.A.

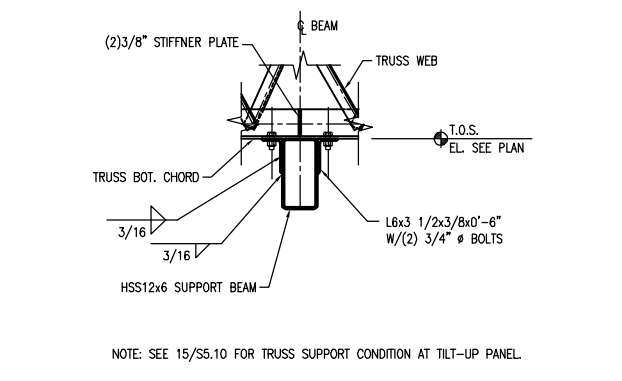
PB PROJECT NUMBER 15550FFD
 CLIENT PROJECT NUMBER
 SHEET NUMBER **S5.10**



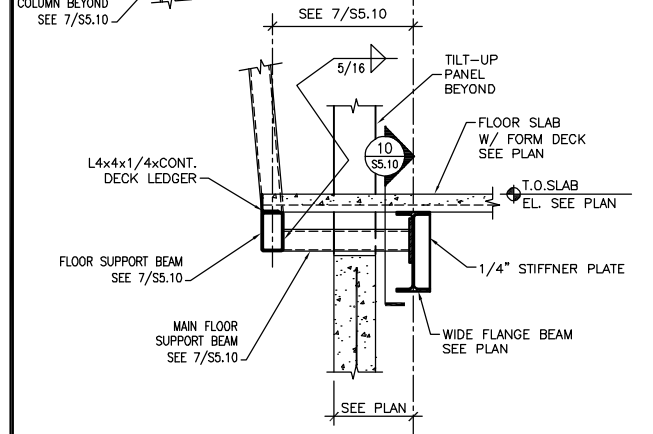
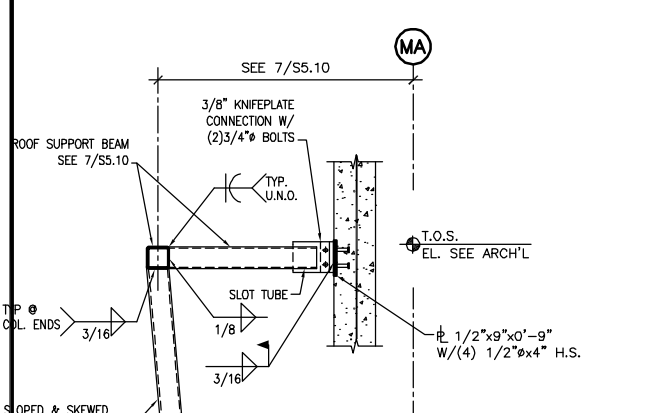
16 PARTIAL PLAN OF CANOPY FRAMING AT DISPATCH WINDOW
 3/16"=1'-0" T.O.S. EL. 15'-2"



15 TRUSS "CT3" SUPPORT CONDITION AT TILT-UP PANEL
 1"=1'-0"

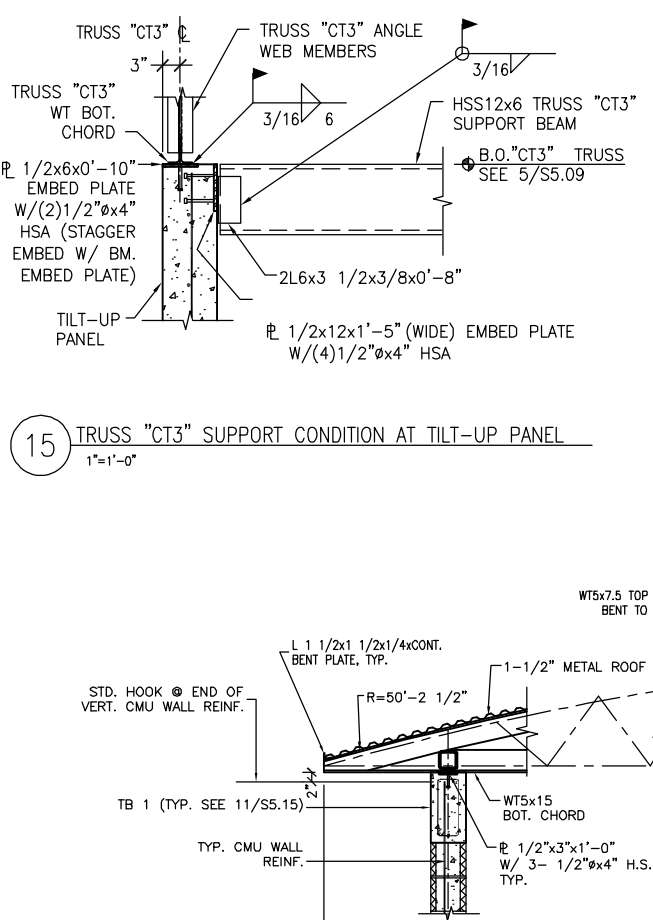


14 TRUSS "CT3" EXTERIOR BEAM TO TRUSS CONNECTION
 1"=1'-0"

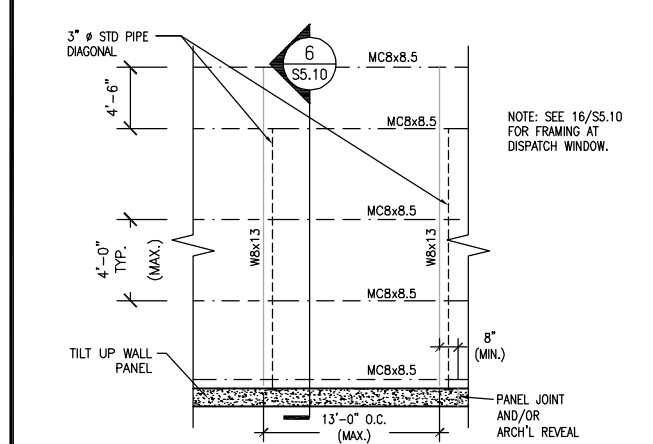


10 DISPATCH WINDOW MAIN SUPPORT BEAM MOMENT CONN.
 1"=1'-0"

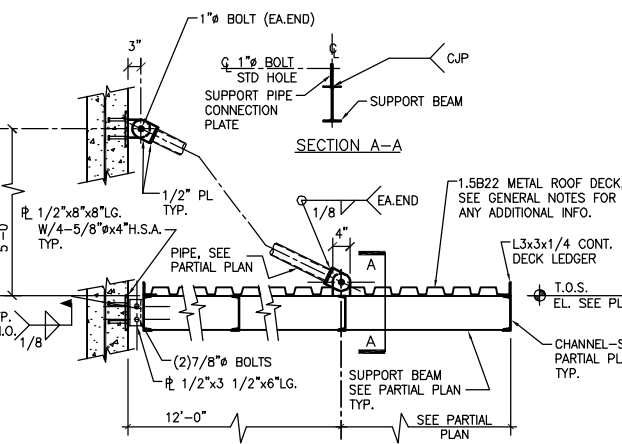
11 "CT6" BRIDGE ELEVATOR CANOPY
 3/4"=1'-0"



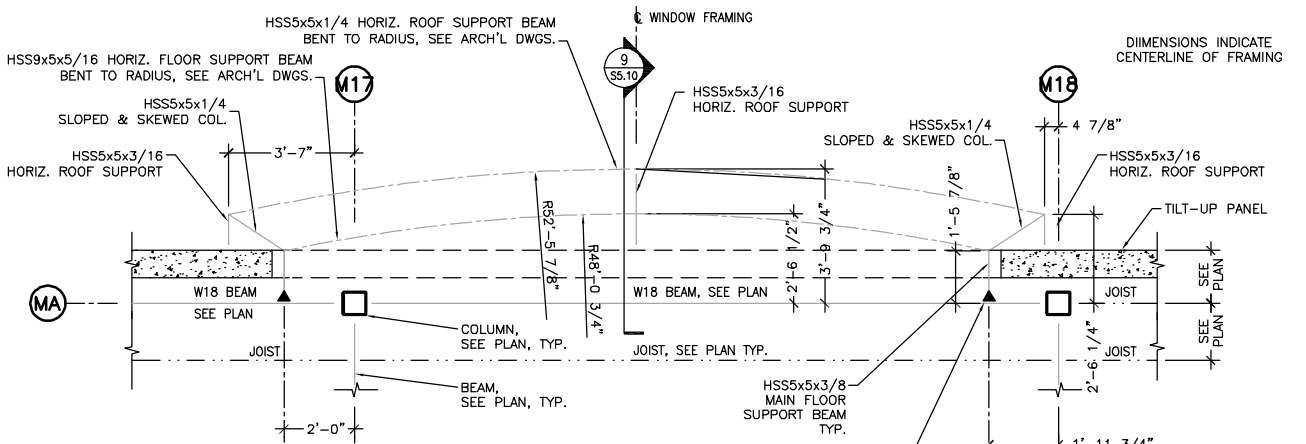
9 SECTION THRU DISPATCH LOOKOUT
 3/4"=1'-0"



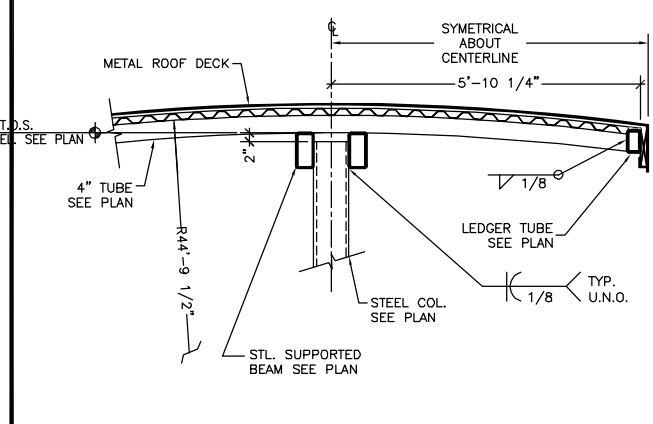
5 PARTIAL PLAN OF CANOPY FRAMING
 3/4"=1'-0" T.O.S. EL. 15'-2"



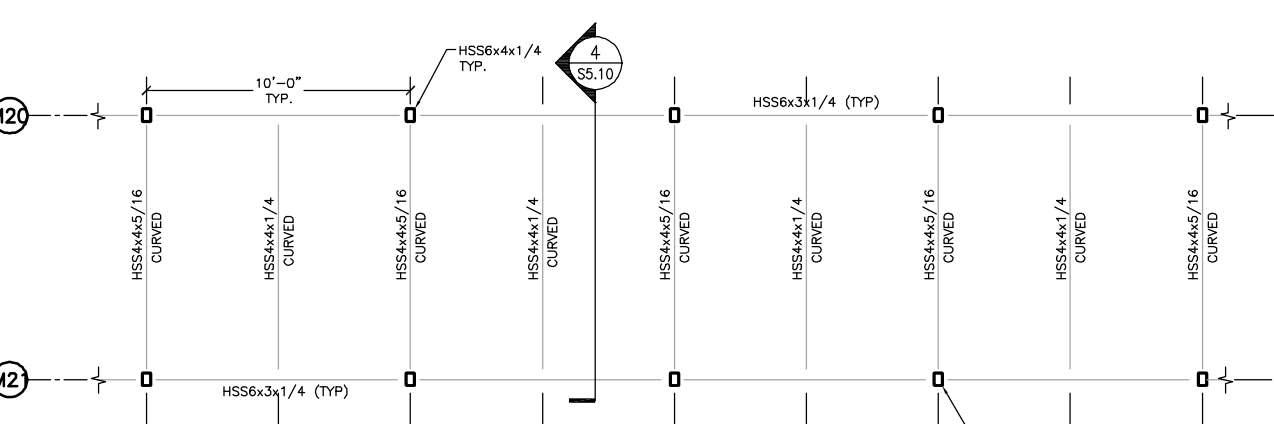
6 TYPICAL SECTION THRU CANOPY
 3/4"=1'-0"



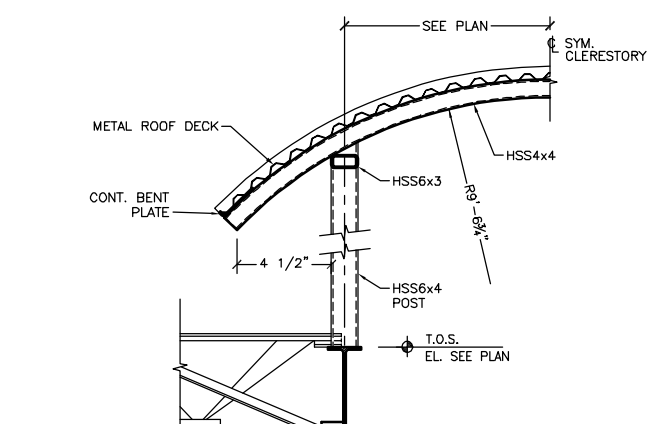
7 PARTIAL PLAN - DISPATCH WINDOW
 1/2"=1'-0"



1 NORTH/WEST CANOPY DETAIL
 3/4"=1'-0"



2 PARTIAL PLAN - CLERESTORY FRAMING
 3/8"=1'-0" T.O.S. EL. SEE PLAN



4 SECTION THRU CLERESTORY
 3/4"=1'-0" NOTE: SEE 14/S5.14 FOR HSS4x4 CURVED BEAM CONNECTION TO CMU WALL.

REV	DESCRIPTION	DATE

New Administration, Operation and Maintenance Facility for:
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Pinellas Suncoast Transit Authority
Scherer Drive
Pinellas County, Florida 33771

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DATE OF SEAL

SHEET CONTENT

STRUCTURAL STAIR DETAILS

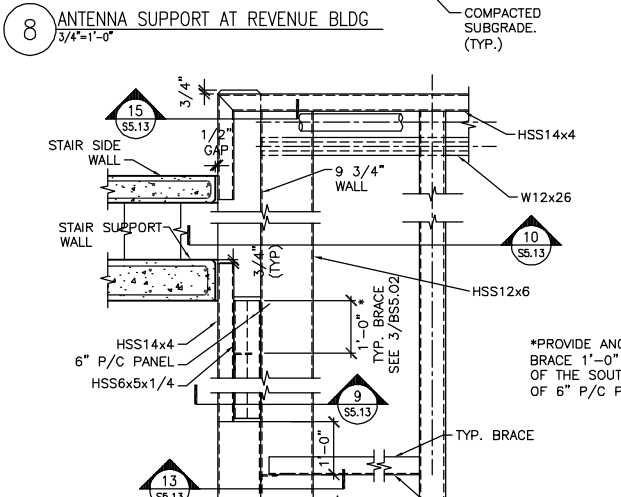
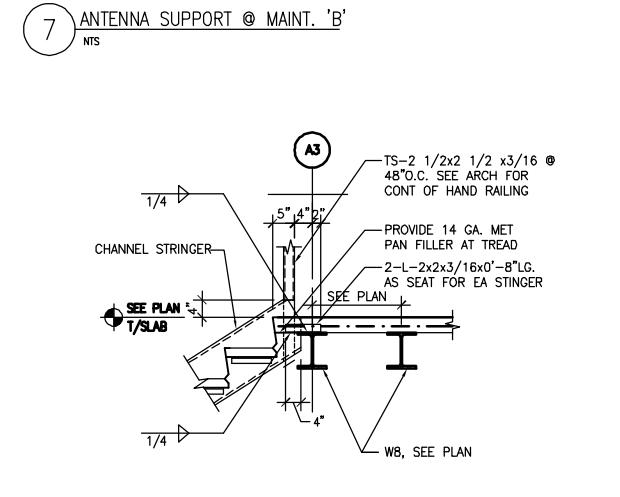
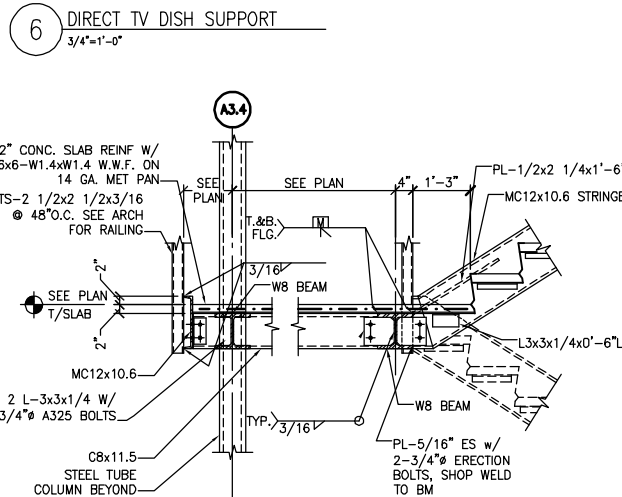
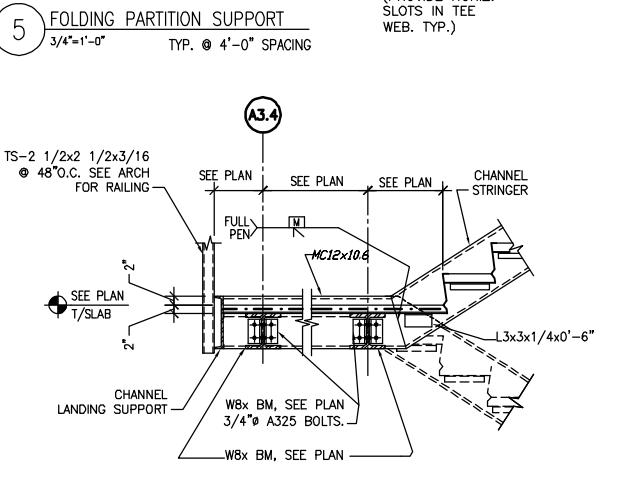
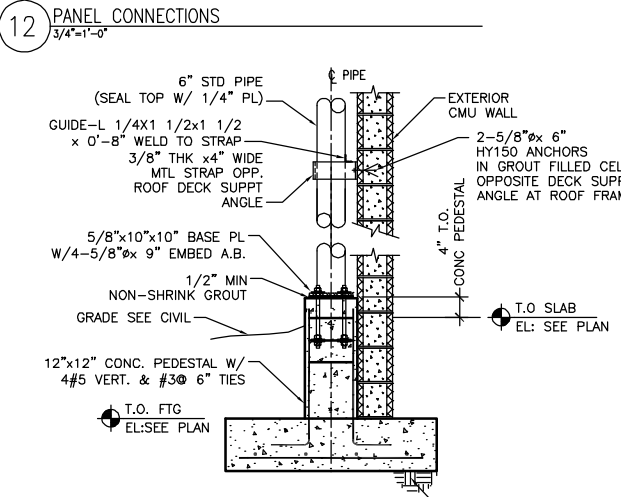
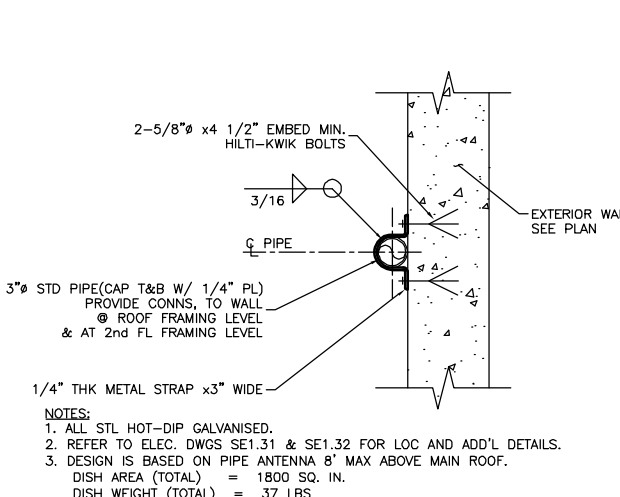
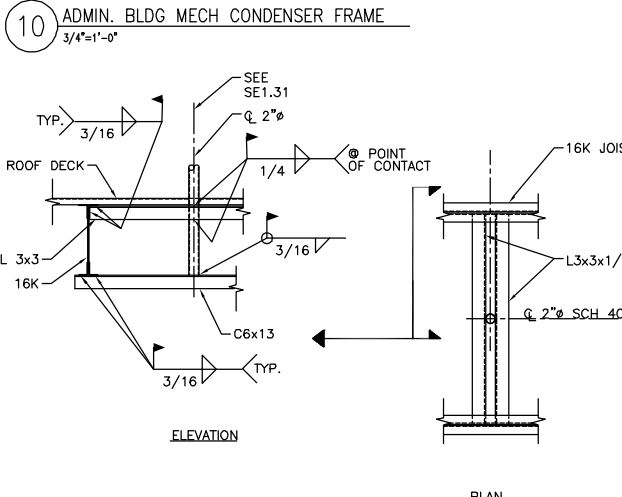
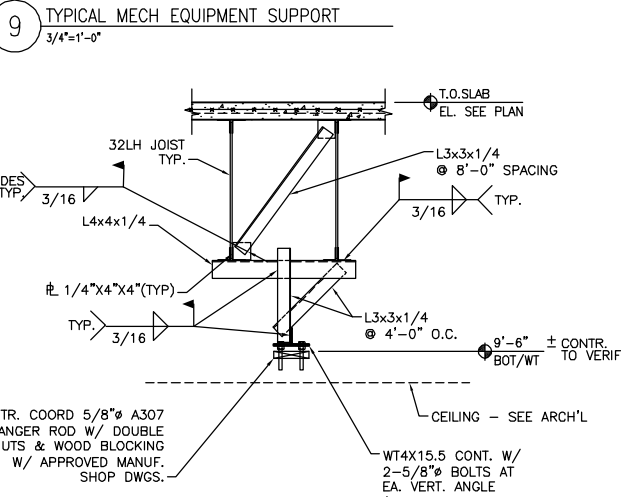
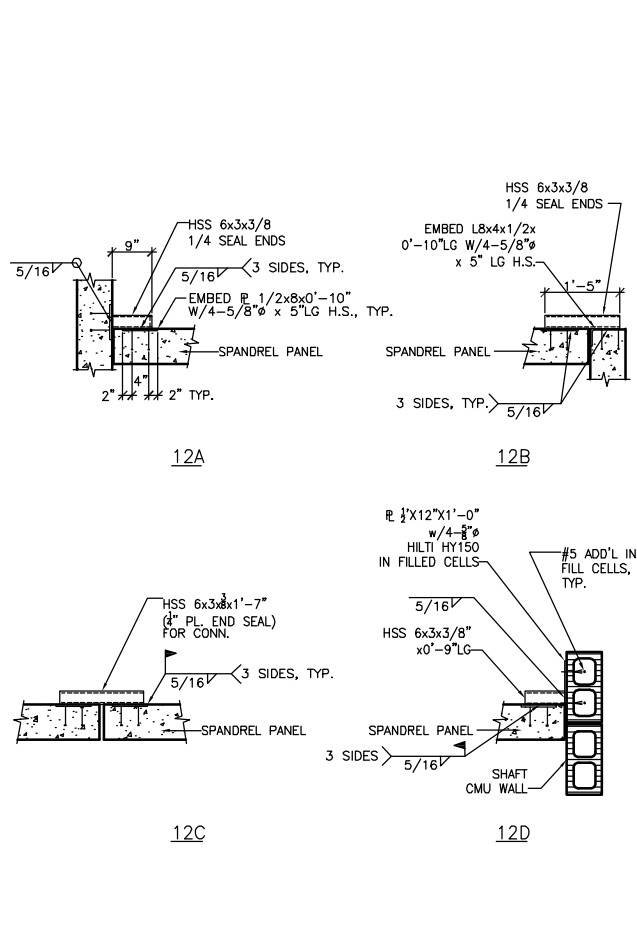
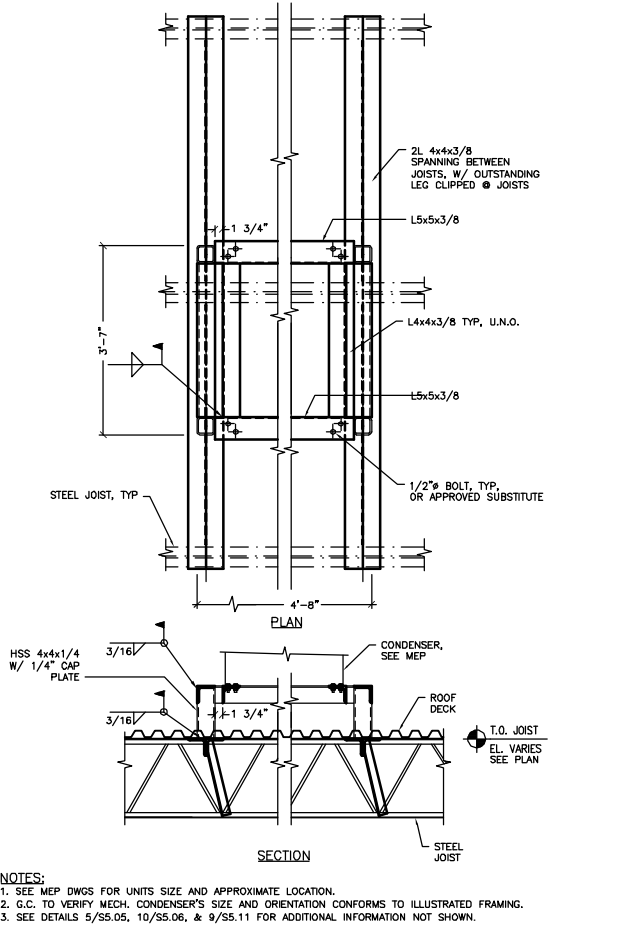
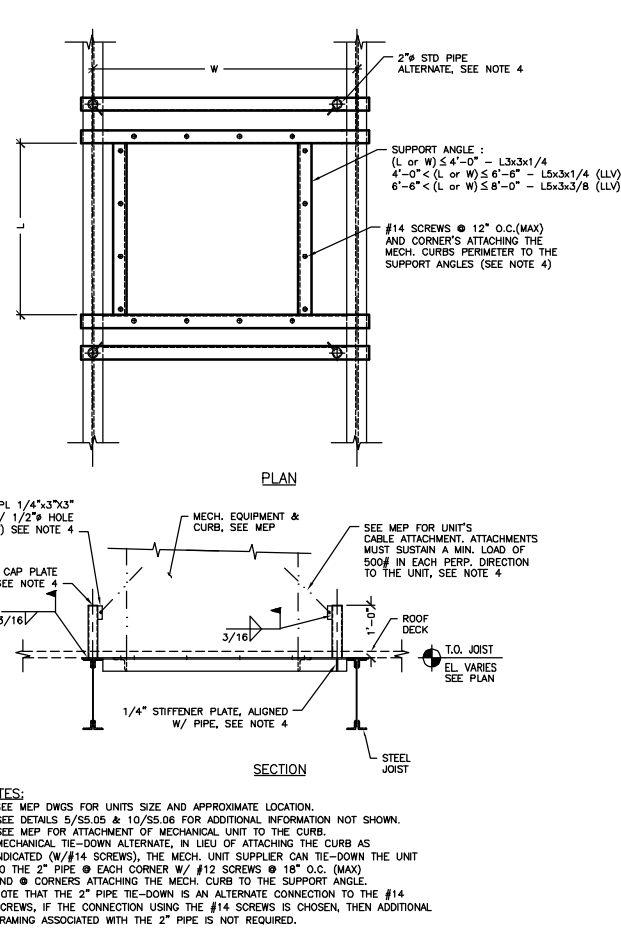
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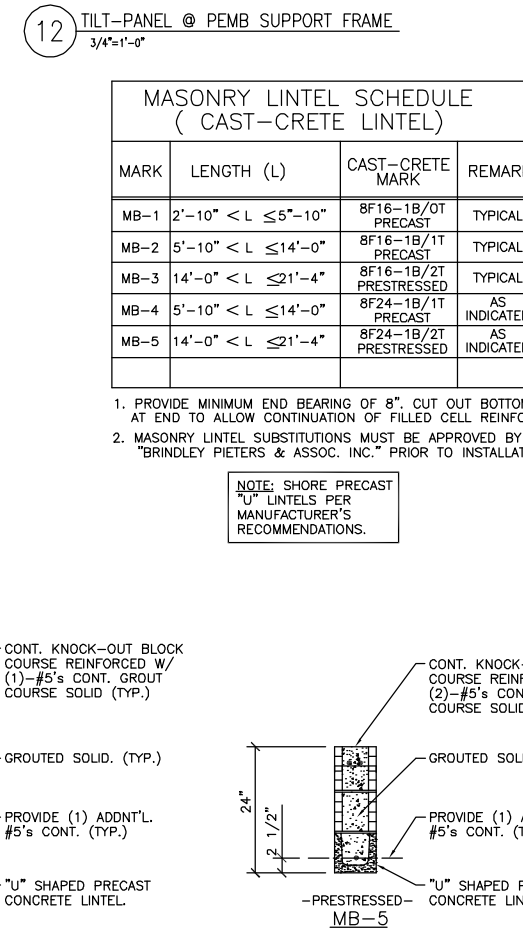
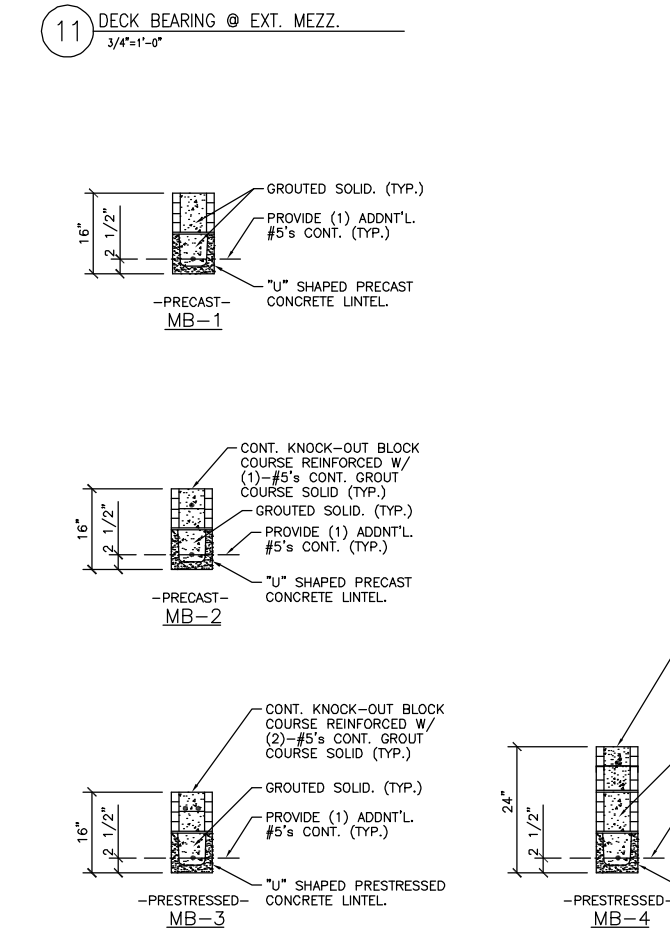
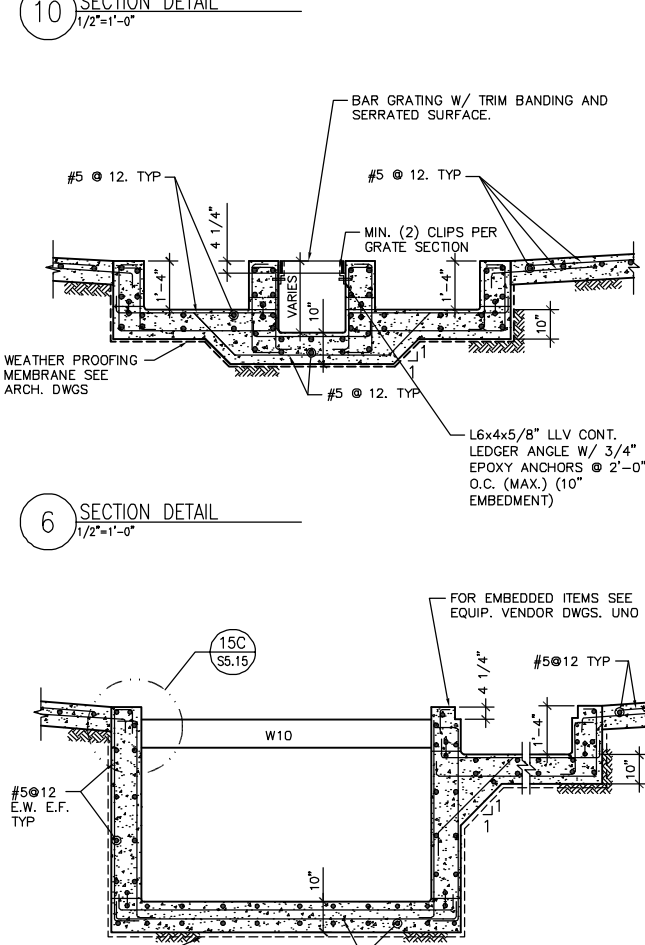
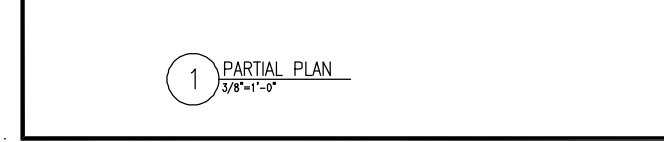
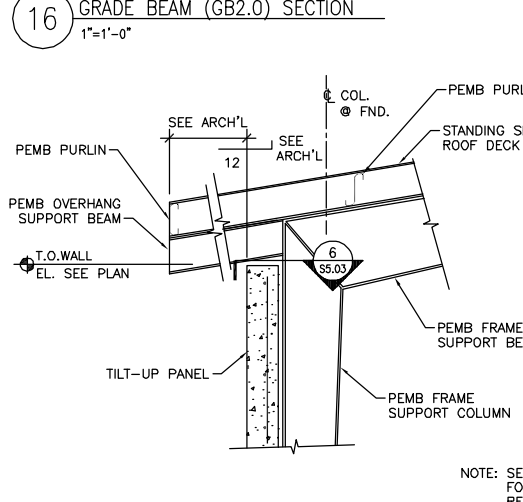
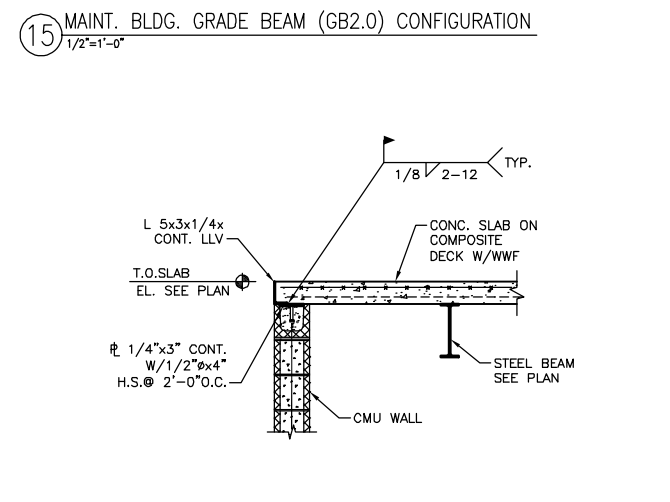
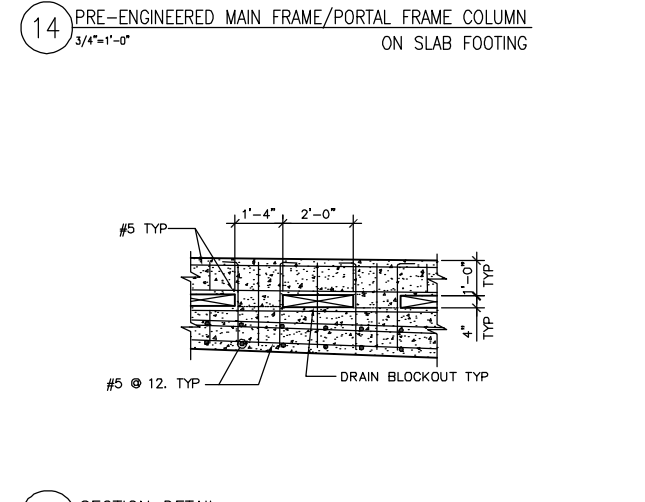
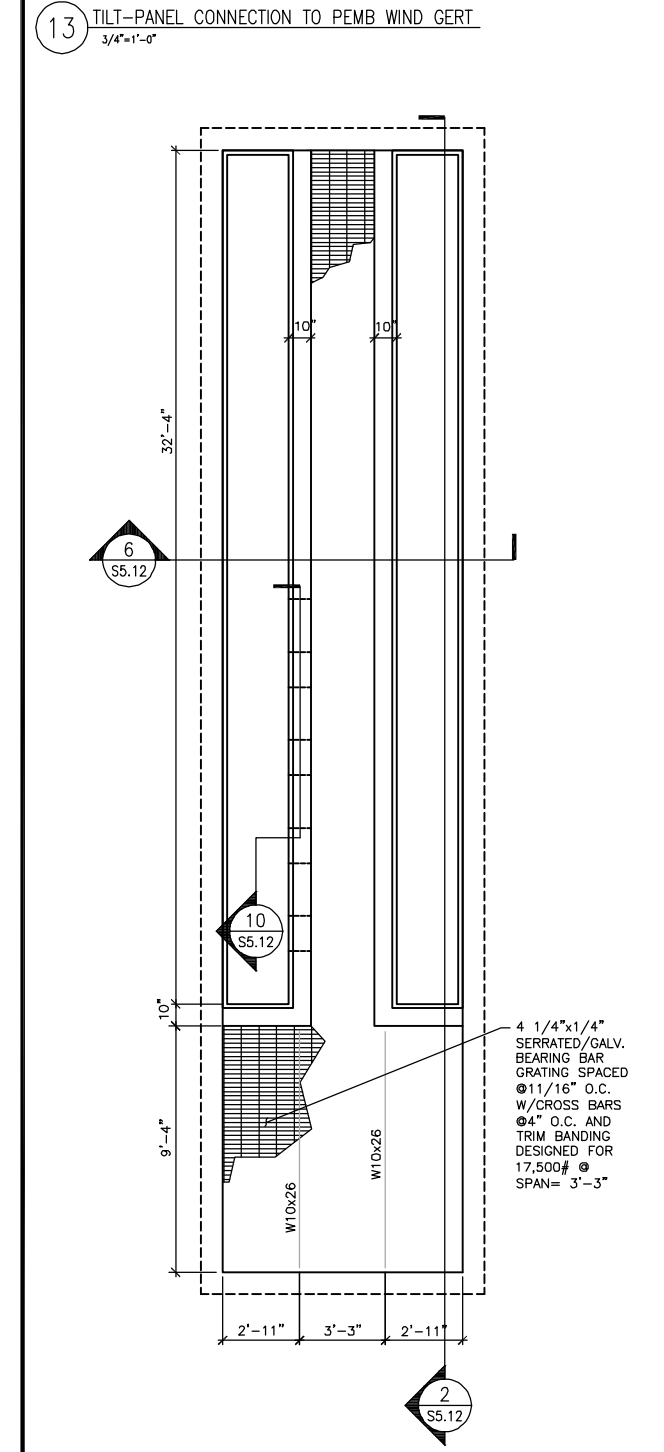
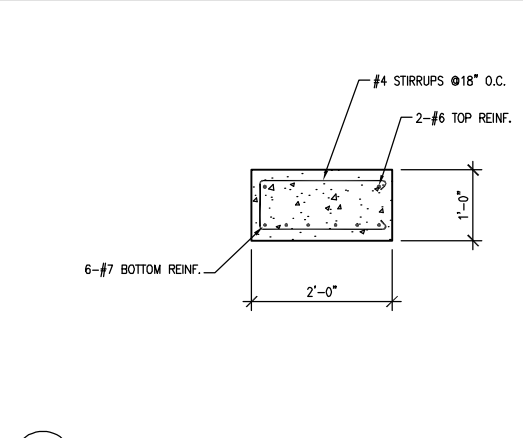
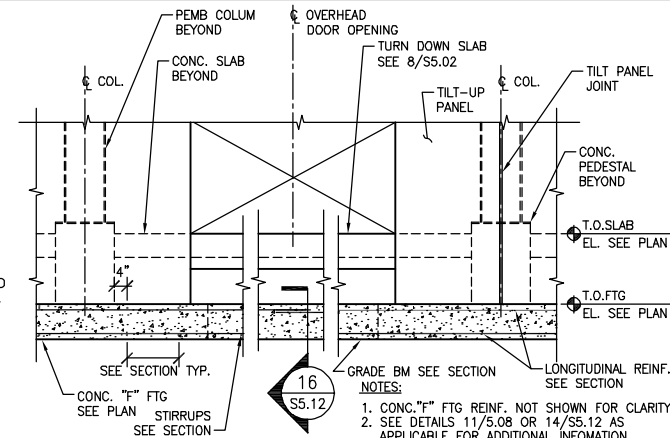
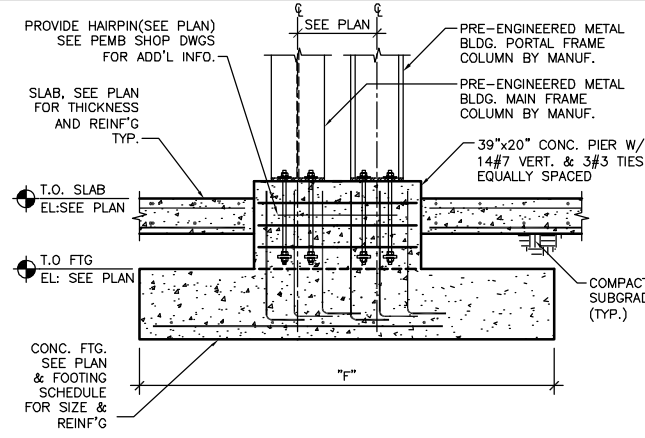
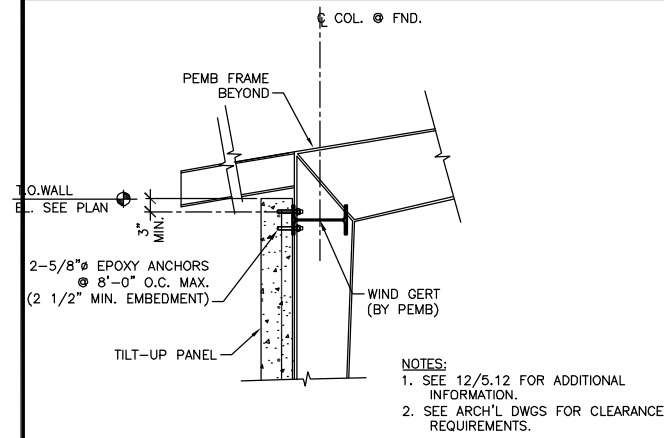
SCALE AS NOTED

DRAWN BY T.R.

CHECKED BY P.A.

APPROVED BY T.A.





PB PARSONS BRINCKERHOFF
1931 Cleveland Street, Saint Louis, MO 63103-2225
T 314-421-1476 F 314-421-1741 www.pbworld.com



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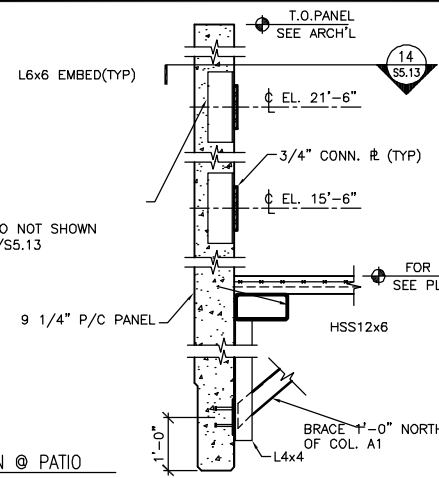
New Administration, Operation and Maintenance Facility for:
PSTA
Pinellas Suncoast Transit Authority
Scherer Drive
Pinellas County, Florida 33771

RECORD DOCUMENTS

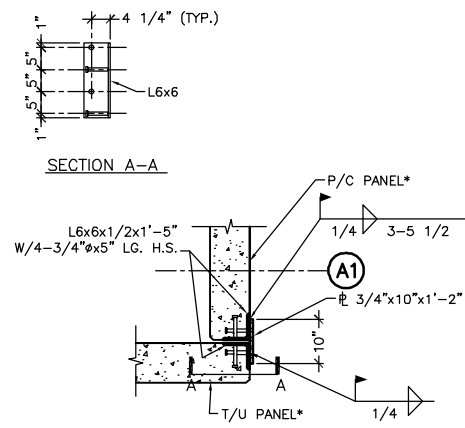
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DATE OF SEAL	
SHEET CONTENT	STRUCTURAL DETAILS
DATE	
SCALE	1/8"=1'-0"
DRAWN BY	T.R.
CHECKED BY	P.A.
APPROVED BY	T.A.

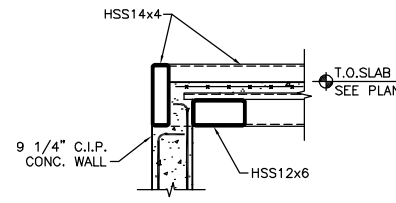
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CLIENT PROJECT NUMBER
SHEET NUMBER **S5.12**



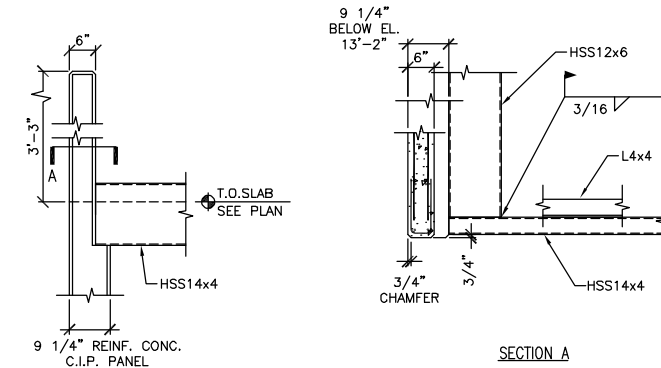
13 SECTION @ PATIO
3/4"=1'-0"



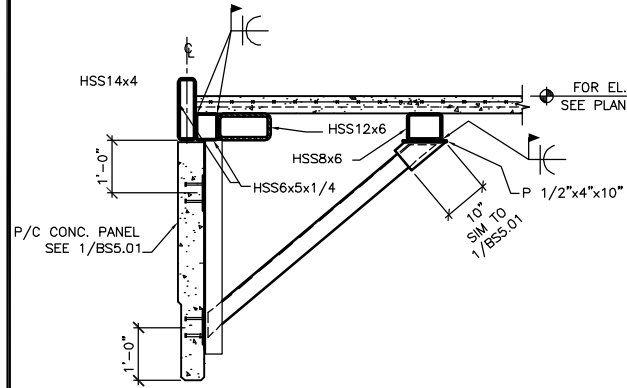
14 CONC. PANEL CONN. DETAIL @ NORTH ENTRANCE
3/4"=1'-0" * = REBAR NOT SHOWN



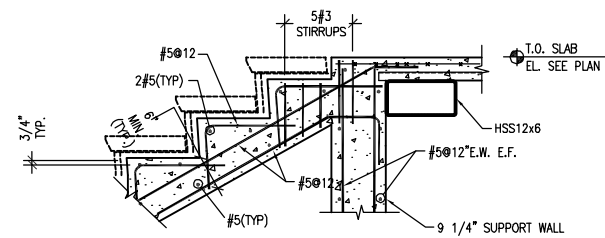
15 SECTION @ PATIO
3/4"=1'-0"



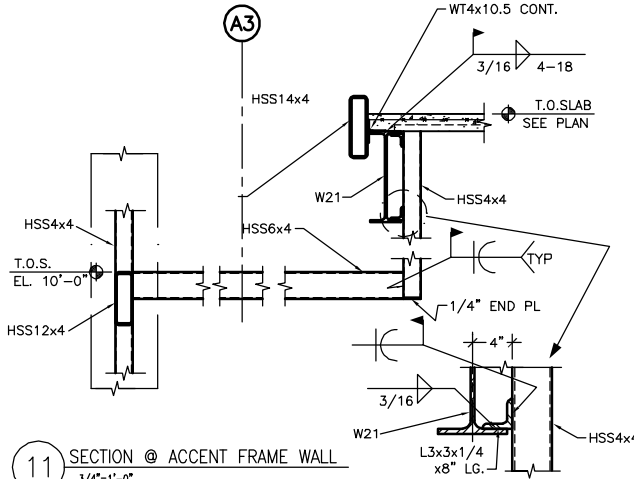
16 ELEVATION @ PATIO EDGE
3/4"=1'-0"



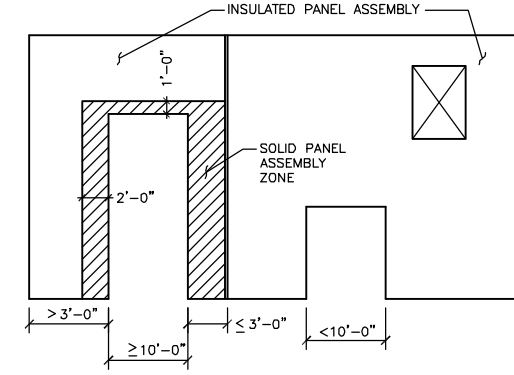
9 SECTION @ STAIR #3 PATIO
3/4"=1'-0"



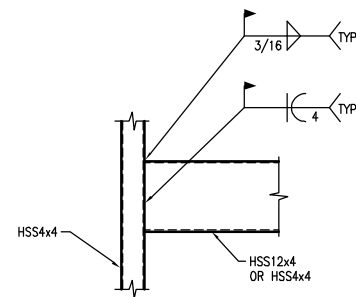
10 SECTION @ STAIR LANDING
1"=1'-0"



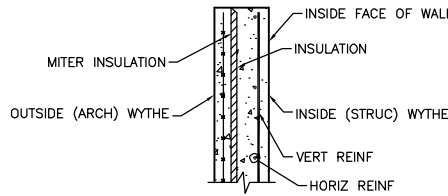
11 SECTION @ ACCENT FRAME WALL
3/4"=1'-0"



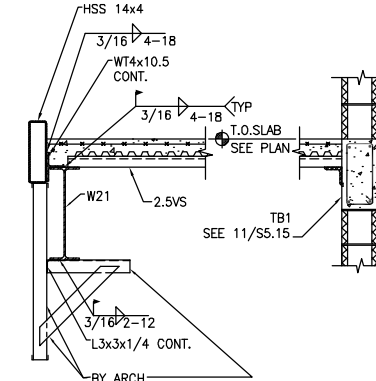
12 TYPICAL MAINT. BLDG 'A' & 'C' PANEL REQUIREMENTS FOR INSULATED TILT-PANELS
3/16"=1'-0"



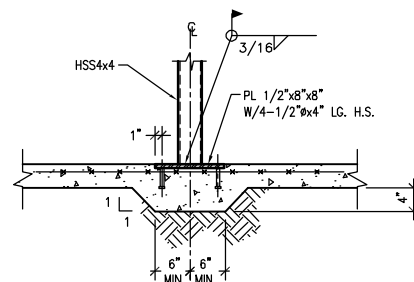
5 CONNECTION DETAIL
1"=1'-0"



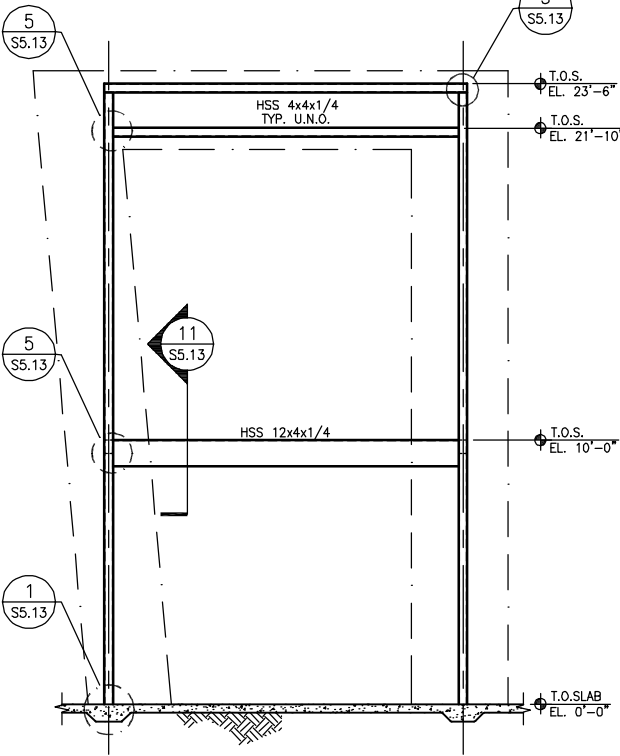
7 TYPICAL INSULATION EDGE CONDITION
1"=1'-0"



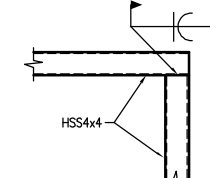
8 SECTION AT 2nd FLOOR ABOVE LOBBY
3/16"=1'-0"



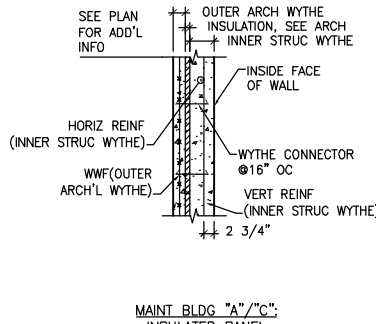
1 POST BASE DETAIL
1"=1'-0"



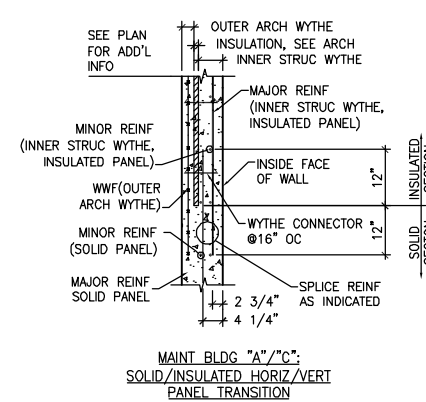
2 ELEVATION @ ACCENT WALL STEEL FRAMING
3/8"=1'-0"



3 CONNECTION DETAIL
1"=1'-0"



4 TYP TILT-UP WALL PANEL CROSS-SECTIONS
3/4"=1'-0"



4 TYP TILT-UP WALL PANEL CROSS-SECTIONS
3/4"=1'-0"



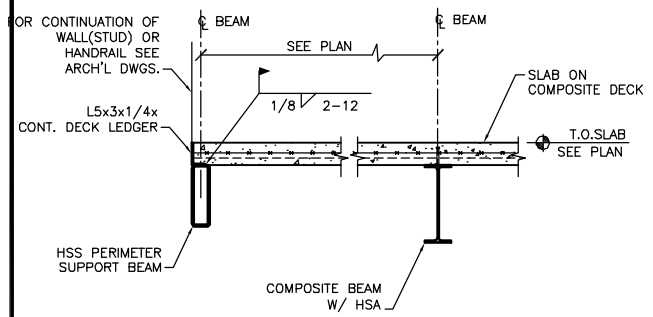
REV	DESCRIPTION	DATE

New Administration, Operation and Maintenance Facility for:
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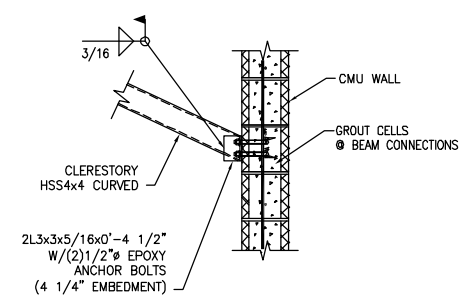
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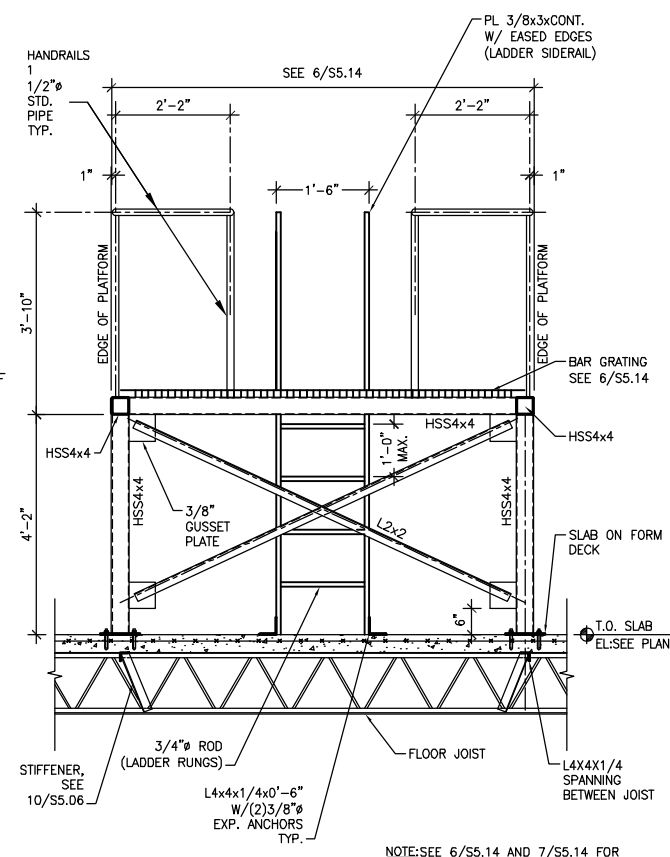
DATE OF SEAL	
SHEET CONTENT	STRUCTURAL DETAILS
DATE	
SCALE	1/8"=1'-0"
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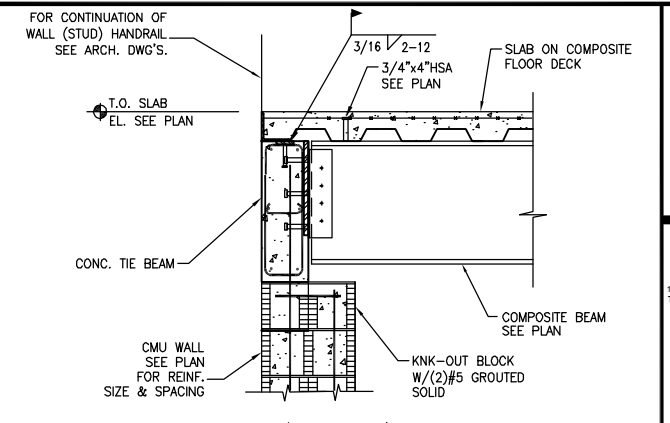
13 MAINT. BLDG. MECH. PLATFORM @ EXTERIOR BEAM
3/4\"=1'-0"



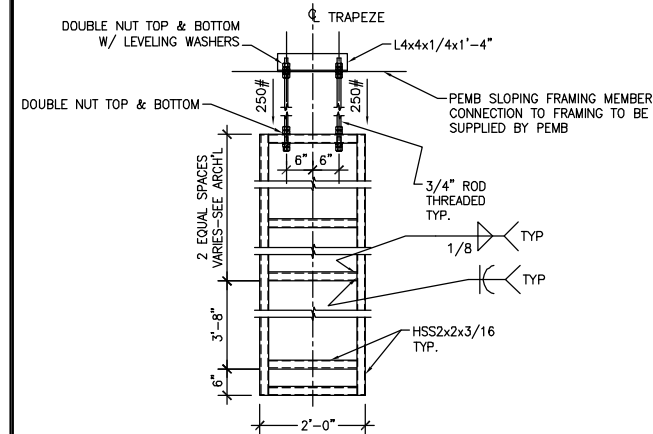
14 CLERESTORY CURVED BEAM CONNECTION @ CMU WALL
1\"=1'-0"



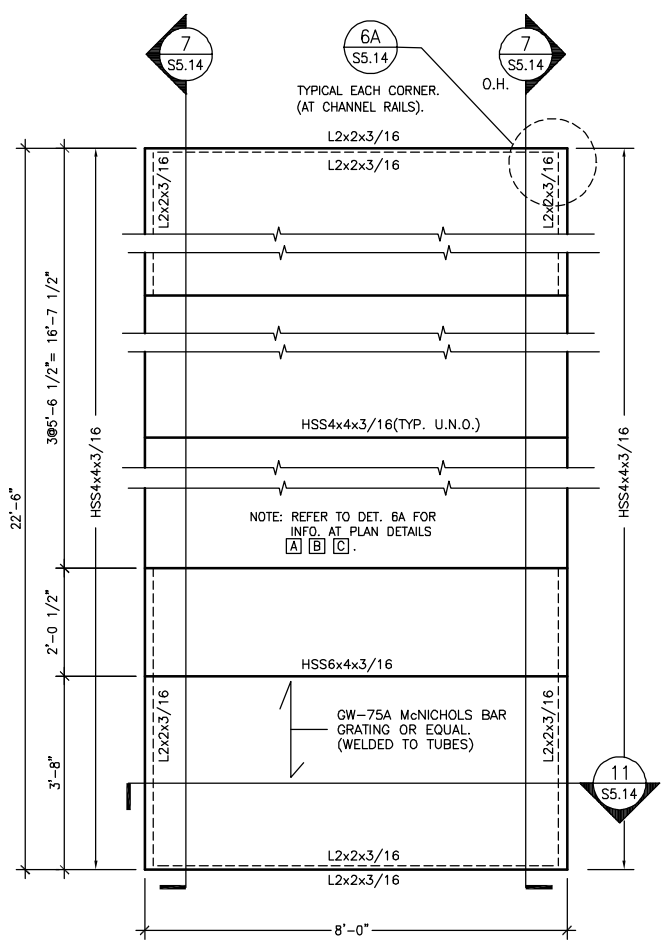
11 CHILLER FRAME - ELEVATION
3/4\"=1'-0"



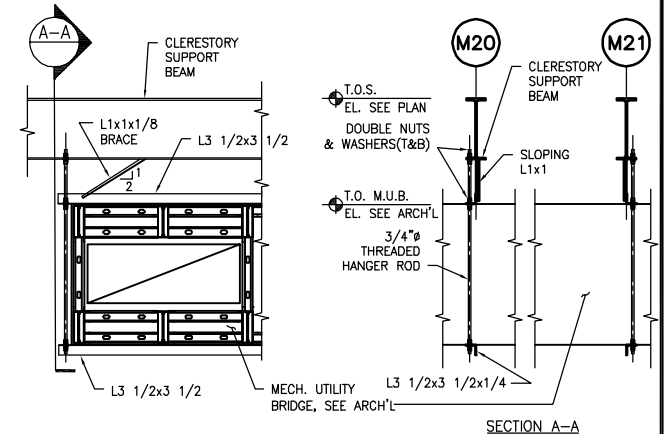
16 COMPOSITE BEAM @ EXTERIOR CMU PILASTER
1\"=1'-0"



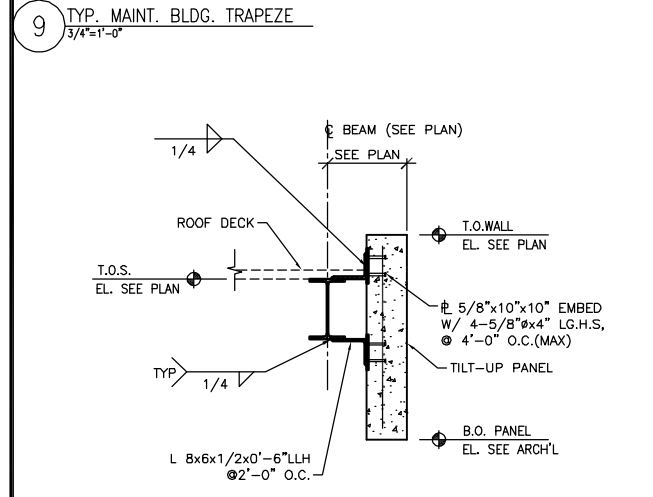
9 TYP. MAINT. BLDG. TRAPEZE
3/4\"=1'-0"



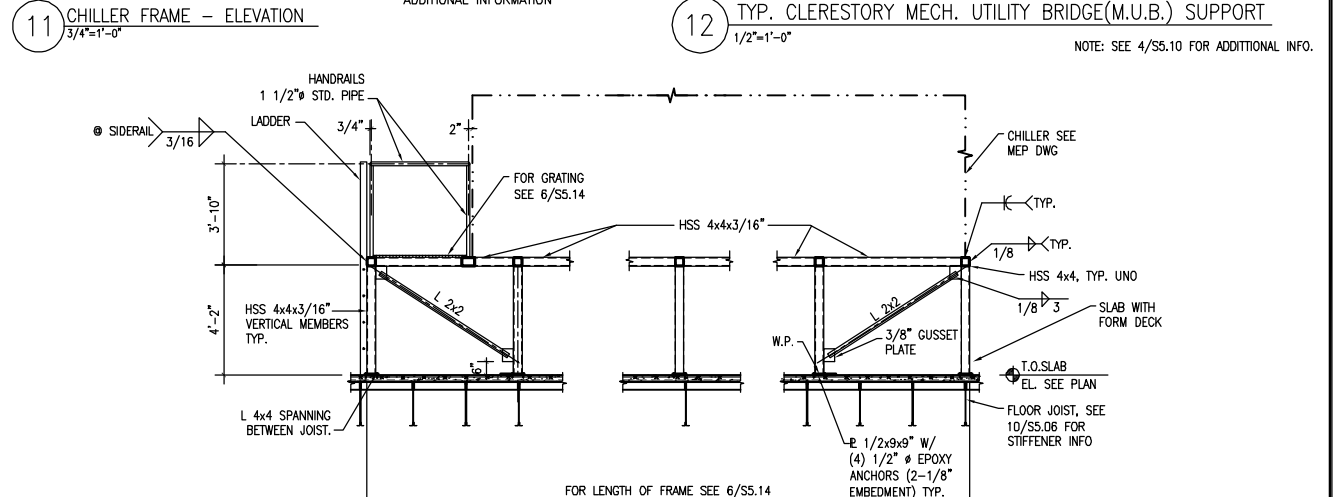
6 PARTIAL PLAN - CHILLER FRAME
3/4\"=1'-0"



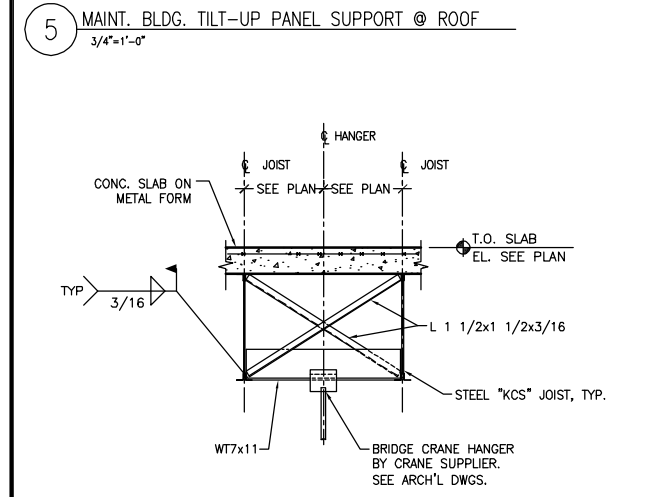
12 TYP. CLERESTORY MECH. UTILITY BRIDGE (M.U.B.) SUPPORT
1/2\"=1'-0"



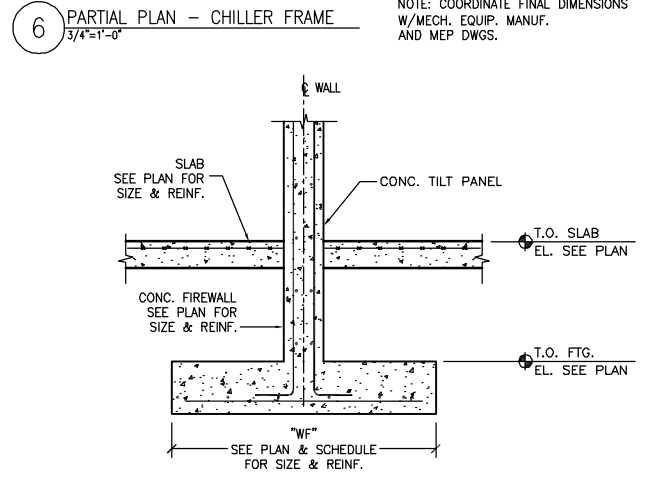
5 MAINT. BLDG. TILT-UP PANEL SUPPORT @ ROOF
3/4\"=1'-0"



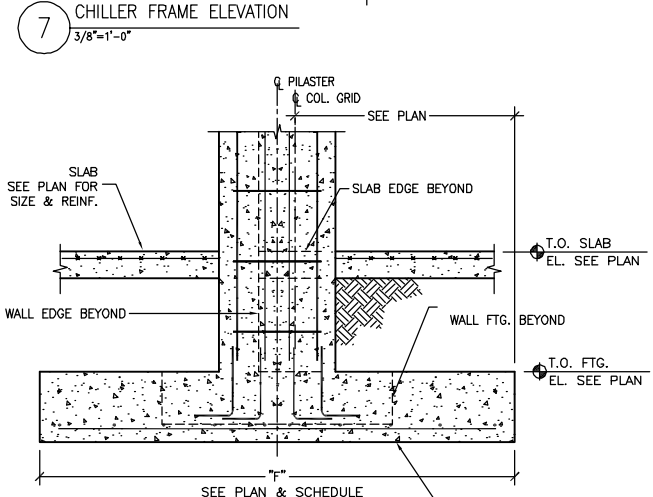
7 CHILLER FRAME ELEVATION
3/8\"=1'-0"



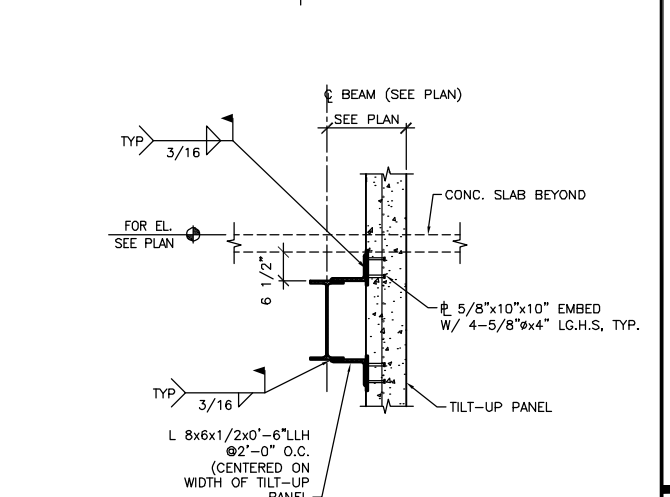
1 BRIDGE CRANE HANGER SUPPORT
3/4\"=1'-0"



2 CONC. FIREWALL AT WALL FOOTING
3/4\"=1'-0"



3 CONC. FIREWALL AT PILASTER FTG.
3/4\"=1'-0"



4 MAINT. BLDG. TILT-UP PANEL BRACING AT 2nd FLR
3/4\"=1'-0"



PB BRACKENHOFF
1831 Chestnut Street, Saint Louis, MO 63103-2225
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DATE
SCALE 1/8\"=1'-0"
DRAWN BY T.R.
CHECKED BY P.A.
APPROVED BY T.A.



PB BRUNNENHOFF
 1931 Chestnut Street, Saint Louis, MO 63103-2225
 T 314.421.1476 F 314.421.1741 www.pbbrunnennhoff.com



REV	DESCRIPTION	DATE

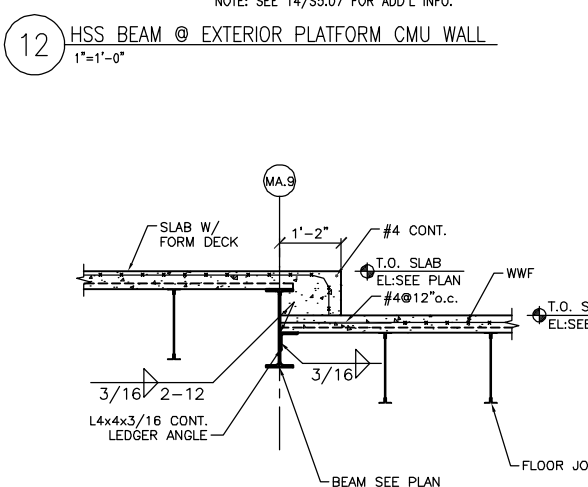
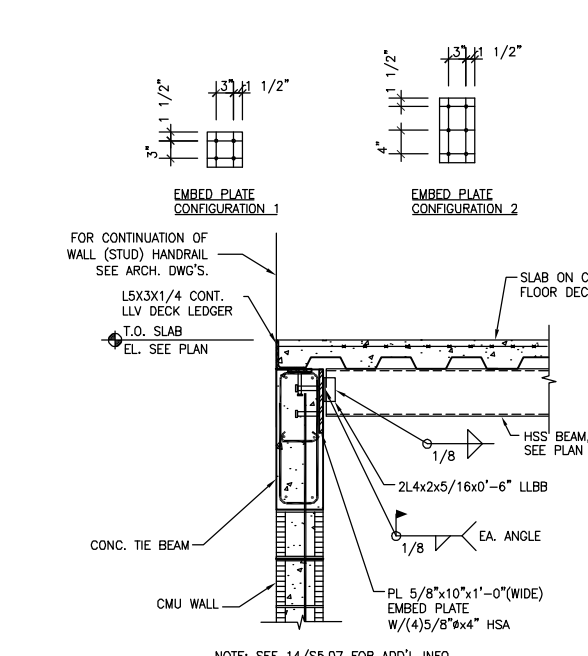
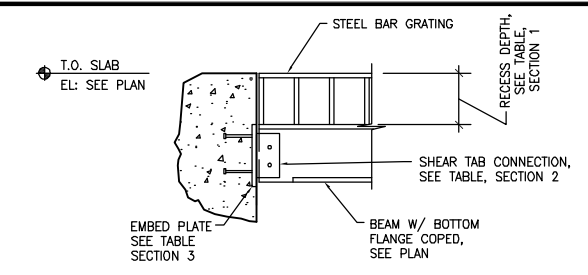
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DATE OF SEAL
 SHEET CONTENT
 STRUCTURAL
 DETAILS
 DATE
 SCALE 1/8"=1'-0"
 DRAWN BY T.R.
 CHECKED BY P.A.
 APPROVED BY T.A.

PB PROJECT NUMBER 15550FFD
 CLIENT PROJECT NUMBER
 SHEET NUMBER **S5.15**

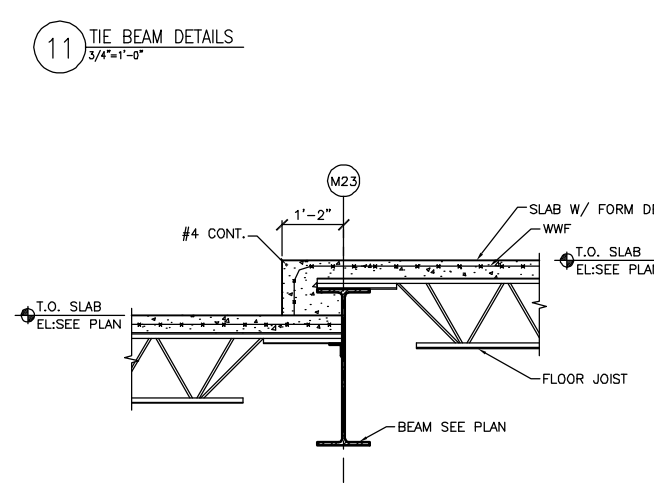


TYPE	SECTION 1 RECESS DEPTH	SECTION 2 SHEAR TAB CONNECTION	SECTION 3 EMBED PLATE
A	1 1/2"	R 3/8"x3 1/2"x0'-5" W/ (2) 3/4" Ø BOLTS	R 1/2"x7"x0'-7" W/ (4) 5/8" Ø HSA CONFIGURATION 1
B	3 1/4"	R 3/8"x3 1/2"x0'-5" W/ (2) 3/4" Ø BOLTS	R 1/2"x7"x0'-7" W/ (4) 5/8" Ø HSA CONFIGURATION 1
C	4 1/4"	R 1/2"x3 1/2"x0'-9" W/ (3) 3/4" Ø BOLTS	R 3/4"x6"x1'-0" W/ (6) 3/4" Øx4" HSA CONFIGURATION 2

NOTE: SEE 14A,14B/S5.15 FOR ADDITIONAL INFORMATION

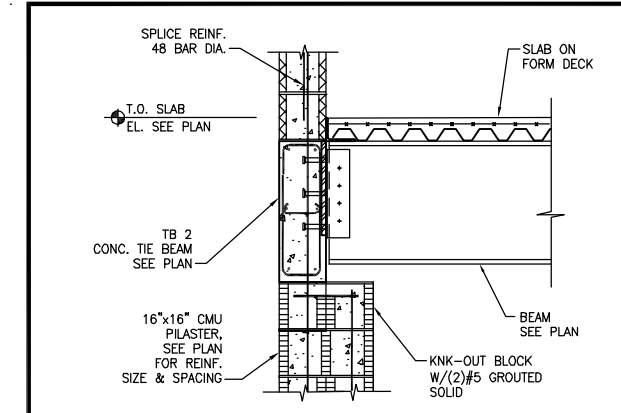
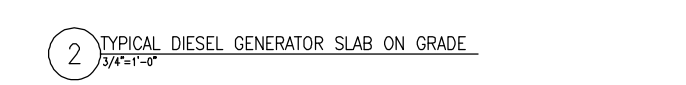
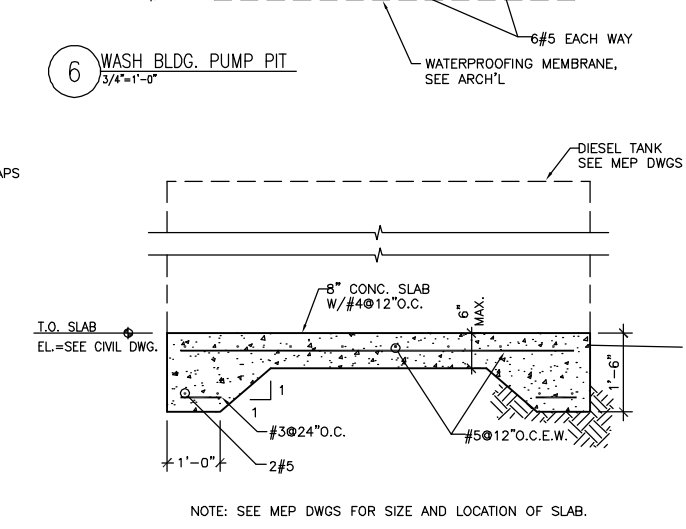
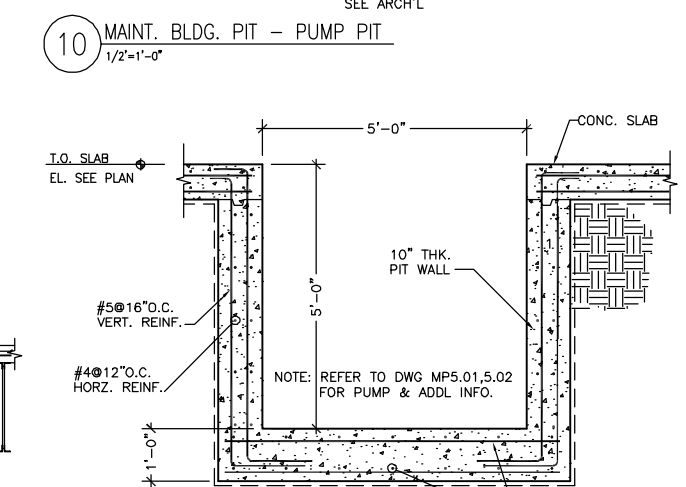
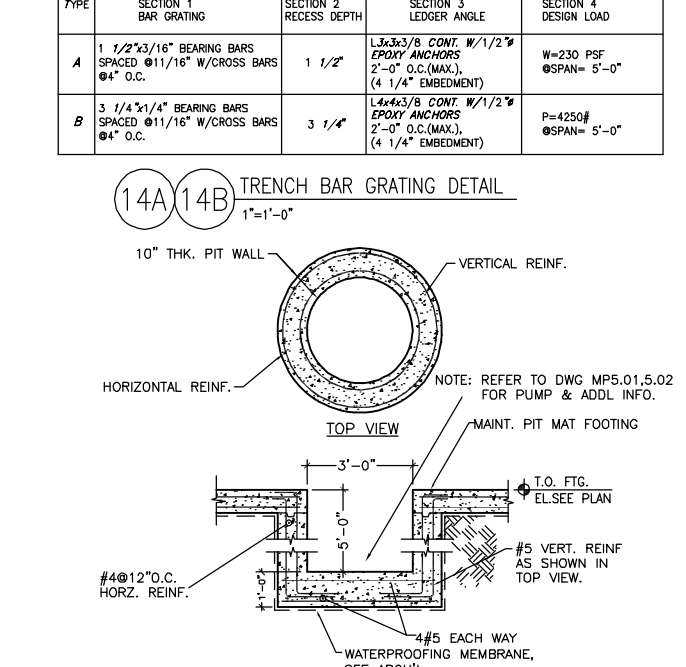
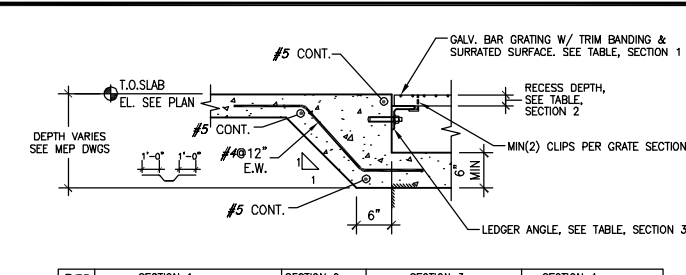
TYPE	SECTION 1 BAR GRATING	SECTION 2 RECESS DEPTH	SECTION 3 LEDGER ANGLE	SECTION 4 DESIGN LOAD
A	1 1/2"x3/16" BEARING BARS SPACED @11/16" W/CROSS BARS @4" O.C.	1 1/2"	L3x3x3/8 CONT. W/1/2" EPOXY ANCHORS 2'-0" O.C.(MAX.), (4) 1/4" EMBEDMENT	W=230 PSF @SPAN= 5'-0"
B	3 1/4"x1/4" BEARING BARS SPACED @11/16" W/CROSS BARS @4" O.C.	3 1/4"	L4x4x3/8 CONT. W/1/2" EPOXY ANCHORS 2'-0" O.C.(MAX.), (4) 1/4" EMBEDMENT	P=4250# @SPAN= 5'-0"

NOTE: SEE 14A,14B/S5.15 FOR ADDITIONAL INFORMATION

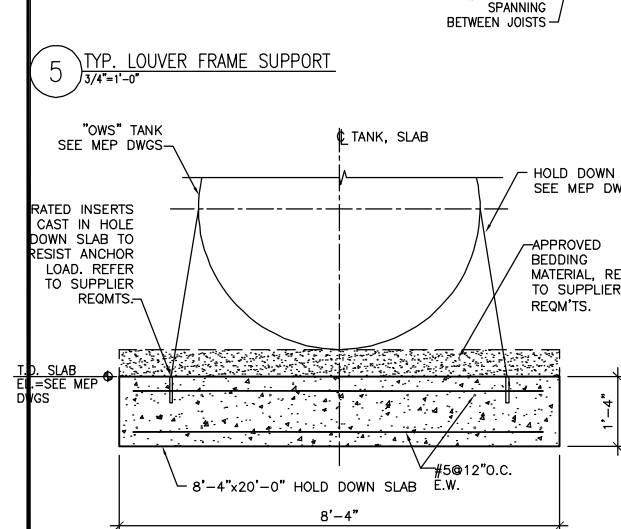
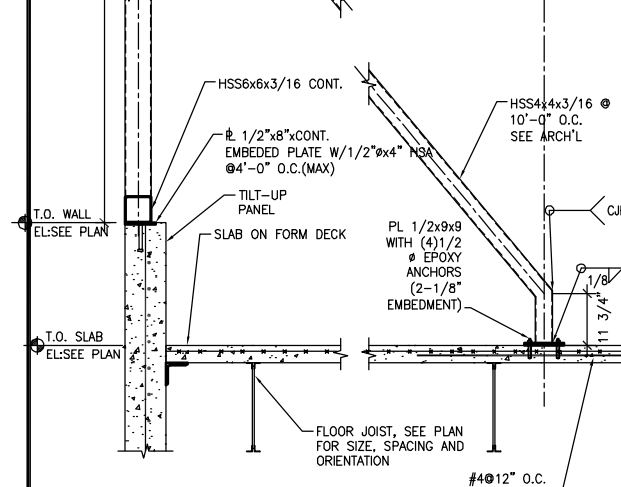
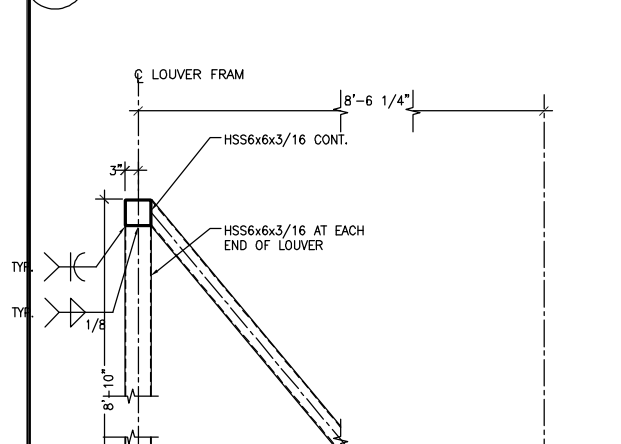


JOIST	SPACING	PLATE LENGTH	#H.S.	MIN. BEARING	SUPPORT L	WELD A	WELD B
K SERIES	2'-0"	CONT.	2/FT.	2 1/2"	L4x4x3/4	1/4	3/16
K SERIES	>2'-0"	9" LG.	4/PL	2 1/2"	L4x4x3/4	1/4	3/16
LH SERIES	2'-0"	CONT.	2/FT.	4"	L6x6x1	5/16	1/4

SEE 2/S5.06



NOTE: SEE 14/S5.07 FOR ADD'L INFO NOT SHOWN.



**Maintenance Architectural
Drawing MA0.00- MA1.13**

ABBREVIATIONS

A	AB ANCHOR BOLT A/C AIR CONDITIONER ACT ACoustICAL CEILING TILE AD AREA DRAIN ADHES ADHESIVE ADJ ADJUSTABLE ADR ACCESS DOOR AF ACCESS FLOOR AFF ABOVE FINISH FLOOR AGG AGGREGATE AHU AIR HANDLER UNIT AL OR ALUM ALUMINUM ANCH ANCHOR AP ACCESS PANEL APPROX APPROXIMATE ARCH ARCHITECTURAL ASPH ASPHALT, ASPHALTIC AUTO AUTOMATIC AW AREAWAY	CONF CONST CONT CONTOR CORR CORR CP CARPET CRT CATHODE RAY TUBE CT CERAMIC TILE	CONFERENCE CONSTRUCTION CONTINUOUS CONTRACTOR CORRIDOR COMMUNICATION PANEL CARPET CATHODE RAY TUBE CERAMIC TILE	D DEEP DBL DOUBLE DEMO DEMOLITION DEPT DEPARTMENT DIA DIAMETER DIFF DIFFUSER DIM DIMENSION DIR DIRECTION	DN DOWN DO DOOR OPENING DR DOOR DRN DRAIN DRW DRAWER DS DOWNSPOUT DT DRAPERY TRACK DTL DETAIL DWG DRAWING	E EAST EA EACH EG EDGE GUARD EIFS EXTERIOR INSULATION FINISH SYSTEM EJ EXPANSION JOINT EL ELEVATION ELEC ELECTRICAL ELEV ELEVATION, ELEVATOR EMER EMERGENCY ENCL ENCLOSURE EP ELECTRICAL PANEL EQ EQUAL EQPT EQUIPMENT EWC ELECTRIC WATER COOLER EXIST EXISTING EXP EXPANSION, EXPANDING EXT EXTERIOR EPDM ETHYLENE PROPYLENE DIENE MONOMER	F FILLER PANEL FB FACE BRICK FD FLOOR DRAIN FDN FOUNDATION FE FIRE EXTINGUISHER FEC FIRE EXTINGUISHER CABINET FG FINISH GRADE	FHC FIRE HOSE CABINET FI FILM ILLUMINATOR FIN FINISH FLX FLOOR FL FLR FLR FLR FLUOR FLUOR FDC FACE OF CONCRETE FOP FACE OF PARTITION FOS FACE OF STUDS FOW FACE OF WALL FP FIREPROOF, FIREPROOFING FR FRAME FRZ FRIG FTO FOOTING FURN FURNISH FURR FURRING FT FOOT, FEET FUT FUTURE FVC FIRE VALVE CABINET FWC FABRIC WALL COVERING FNTR FEMININE NAPKIN TAMPON DISPENSER FNTR FEMININE NAPKIN RECEPTACLE	J JAN JST JANITOR JT JOINT	K KD KNOCK DOWN KIT KITCHEN KS KNEE SPACE	L LAB LAM LABORATORY LAV LAVATORY LKR LOCKER LL LEAD LINED LLH LONG LEG HORIZONTAL LLV LONG LEG VERTICAL LP LONG LT LIGHT	M MAS MASONRY MATL MATERIAL MAX MAXIMUM MDF MEDIUM DENSITY FIBERBOARD MECH MECHANICAL MEMB MEMBRANE MFR MANUFACTURER MIR MIRROR MIS MISC MO MASONRY OPENING MOD MODULAR MTD MOUNTED MTL METAL MUL MULLION MHS MOP HOLDER SHELF	N NIC NORTH NO NOT IN CONTRACT NOM NOMINAL NTS NOT TO SCALE	O OA OVERALL OBS OBSCURE OC ON CENTER OD OUTSIDE DIAMETER OR DIMENSION	OFI OFFICE OFF OFF OH OVERHEAD OPNG OPENING OPP OPPOSITE OZ OUNCE	OWNER FURNISHED, CONTRACTOR INSTALLED OFFICE OWNER FURNISHED, OWNER INSTALLED OVERHEAD OPENING OPENING OPPOSITE OUNCE	SK SINK SP SPACE, STANDPIPE, SPEAKER SPEC SPECIFICATION SPKLR SPRINKLER SQ SQUARE SS STAINLESS STEEL OR SEVICE SINK STC STANDARD STD STANDARD STN STAIN STOR STORAGE STRUCT STRUCTURAL, STRUCTURE SUSP SUSPENDED SYS SYSTEM SOL SOAP DISPENSER, LIQUID SCR SHOWER CURTAIN ROD	WD WINDOW WG WIRE GLASS W/O WITHOUT WP WATERPROOF WSCT WANSOT WT WEIGHT WVF WELDED WIRE FABRIC	WOOD WINDOW WIRE GLASS WITHOUT WATERPROOF WANSOT WEIGHT WELDED WIRE FABRIC
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GENERAL NOTES

- ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE TO FINISHED FACE OF PARTITIONS.
- INTERIOR PARTITIONS SHALL BE 5/8 INCH GYPSUM WALL BOARD UNLESS OTHERWISE NOTED.
- PROVIDE FIRE TREATED 2 INCH X 6 INCH NOMINAL WOOD BLOCKING RUNNING CONTINUOUSLY BETWEEN STUDS FOR ALL WALL HANG EQUIPMENT OR OTHER ITEMS ATTACHED TO GYPSUM WALL BOARD PARTITIONS.
- PROVIDE DEFLECTION CHANNELS @ ALL LOCATIONS WHERE STL STUDS MEET BOTTOM OF STEEL JOIST & BEAM, UNLESS DETAILED OTHERWISE.
- PROVIDE FIRE SHING INSULATION AT ALL PIPE, DUCT, ELECTRICAL, ETC. PENETRATIONS THROUGH CONCRETE FLOOR SLABS AND AT FIRE AND SMOKE WALLS.
- UNLESS INDICATED OTHERWISE, INTERIOR DOORS LOCATED IN GYPSUM BOARD PARTITIONS TO BE 6 INCHES FROM HINGE-SIDE JAMB TO ADJACENT WALLS.
- PROVIDE FIRE TREATED WOOD BLOCKING & NAILERS THROUGHOUT THE BUILDING AS REQ. TO MEET NON-COMBUSTIBLE CONSTRUCTION PER FLORIDA CODE.
- WHERE ADJOINING ROOMS HAVE DIFFERENT TYPES OF FLOORING OR SIMILAR FLOORING OF DIFFERENT COLORS, MAKE CHANGE UNDER CENTER LINE OF DOOR.
- ROOM FINISHES SHOWN IN THE ROOM FINISH SCHEDULE SHALL APPLY TO ALL ALCOVES, PRE-EXISTING COLUMNS, OR OTHER APPURTENANT SPACES ADJOINING THE SCHEDULED ROOM UNLESS OTHERWISE NOTED.
- ALL EXPANSION JOINTS IN THE FINISHED AREA EXPOSED TO VIEW SHALL BE COVERED WITH EXPANSION JOINT COVERS APPROPRIATE FOR THE FINISHED SURFACE, WHETHER FLOOR, CEILING, OR WALL, OR JUNCTIONS THEREOF.
- INSTALL DOUBLE STUDS AT DOOR FRAME JAMBS. INSTALL STUD TRACKS AT EACH SIDE OF OPENING, AT FRAME HEAD HEIGHT AND BETWEEN STUDS AND ADJACENT STUDS.
- REFER TO DRAWINGS FOR INDICATION OF PARTITIONS EXTENDING STUD FRAMING THROUGH THE CEILING TO THE STRUCTURE ABOVE. MAINTAIN CLEARANCE UNDER STRUCTURAL BUILDING MEMBERS TO AVOID DEFLECTION TRANSFER TO STUDS. PROVIDE EXTENDED LEG CEILING RUNNERS.
- METAL STUD SPACING @ 16" O.C. UNLESS NOTED OTHERWISE ON DRAWINGS.
- PROVIDE AND INSTALL CORNER BEADS, EDGE TRIM, JOINT MATERIALS AND FASTENERS TO INSURE PROPER INSTALLATION OF GYPSUM BOARD. PLACE CORNER BEADS AT EXTERNAL CORNERS. PLACE EDGE TRIM WHERE GYPSUM BOARD ABUTS DISSIMILAR MATERIALS.
- PROVIDE ACOUSTIC INSULATION IN PARTITIONS TIGHT WITH SPACES, AROUND CUT OPENINGS, BEHIND AND AROUND ELECTRICAL AND MECHANICAL ITEMS WITHIN OR BEHIND PARTITIONS, AND TIGHT TO ITEMS PASSING THROUGH PARTITIONS.
- INSTALLATION OF SUSPENDED CEILING SYSTEM SHALL MEET LOCAL CODE REQUIREMENTS FOR SEISMIC BRACING.
- INSTALLATION OF ACOUSTIC INSULATION TO BE FRICTION FIT, GLASS FIBER TYPE, UNFACED, THICKNESS AS RECOMMENDED BY MANUFACTURER FOR THICKNESS OF WALL (2 INCH MINIMUM).
- TAPE, FILL AND SAND EXPOSED JOINTS, EDGES, AND CORNERS OF GYPSUM BOARD TO PRODUCE A SMOOTH SURFACE READY TO RECEIVE FINISHES.
- IF THERE ARE ANY DISCREPANCY WITH THE INFORMATION ON THE DRAWINGS OR WITH THE SPECIFICATIONS MANUAL, CONTACT THE ARCHITECT OR ENGINEER, DO NOT SCALE DRAWINGS.
- PROVIDE LATERAL BRACING OF INTERIOR PARTITIONS THAT DO NOT EXTEND TO DECK ABOVE AS REQUIRED TO MEET LOCAL CODE REQUIREMENTS FOR SEISMIC BRACING.
- DETAIL SHOWINGS STUD FRAMING-NOT CODE OR STRUCT. RELATED FOR ILLUSTRATION PURPOSES ONLY. CONSTRUCTION ON SITE MAY VARY.
- ARCHITECTURAL ELEVATION: 0'-0" EQUALS: 15'-0" CIVIL FOR THE ADMIN. BUILDING, AND 11'-0" FOR THE MAINTENANCE BUILDING
- IN ALL DETAILS THAT ILLUSTRATE WOOD BLOCKING, NAILING OR SHEATHING SHALL BE FIRE RETARDANT TREATED WOOD.
- PROVIDE PRECONSTRUCTION SOIL TREATMENT TERNACIDE APPLICATION TO INSURE THAT A CONTINUOUS HORIZONTAL AND VERTICAL TERMITICIDAL BARRIER OR TREATED ZONE IS ESTABLISHED AROUND AND UNDER ALL BUILDING CONSTRUCTION. APPLICATION OF TREATMENT SHALL INCLUDE BUT NOT BE LIMITED TO: UNDERGROUND SUPPORTED SLABS-ON-GRADE, FOOTINGS, ADJACENT SOIL ALONG BOTH INSIDE AND OUTSIDE PERIMETER OF FOUNDATION WALLS, BOTH SIDES OF INTERIOR PARTITION WALLS, AROUND PLUMBING PIPES AND ELECTRICAL CONDUIT PENETRATING THE SLAB, AND AROUND INTERIOR COLUMN FOOTERS AND PIERS. OUTSIDE PERIMETER OF FOUNDATIONS SHALL EXTEND FROM GRADE TO BOTTOM OF FOOTING. EXTEND TREATMENT UNDER ALL EXTERIOR CONCRETE OR GRADE TO A MINIMUM OF 1'-0" OUTSIDE OF THE PRIMARY STRUCTURE SIDEWALLS. SEE SPECIFICATIONS FOR FURTHER INFORMATION. COMPLETE COMPLIANCE WITH FBC CHAPTER 18, SECTION 1816 MUST BE MET.



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REV	DESCRIPTION	DATE

New Administration, Operation and Maintenance Facility for:
PSTA
Pinellas Suncoast Transit Authority
Scherer Drive
Pinellas County, Florida 33771

RECORD DOCUMENTS

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DATE OF SEAL

SHEET CONTENT
MAINTENANCE BUILDING
GENERAL NOTES
ABBREVIATIONS AND SYMBOLS

DATE

SCALE NONE

DRAWN BY GMW

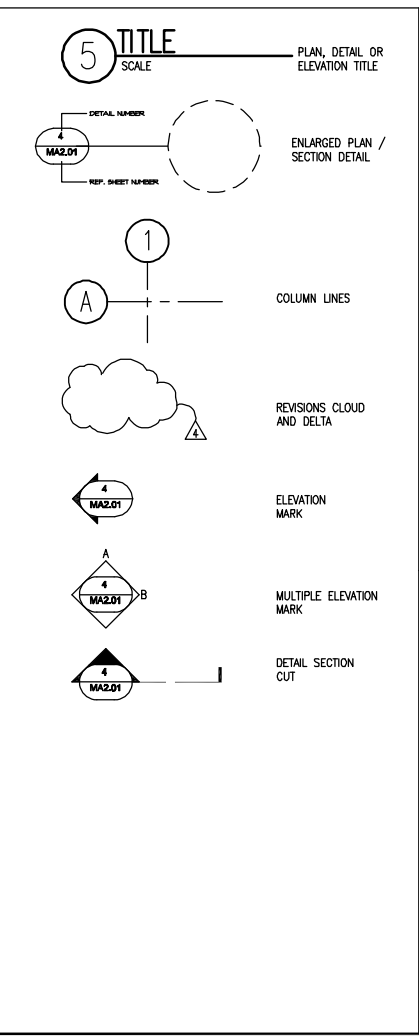
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APPROVED BY MJP

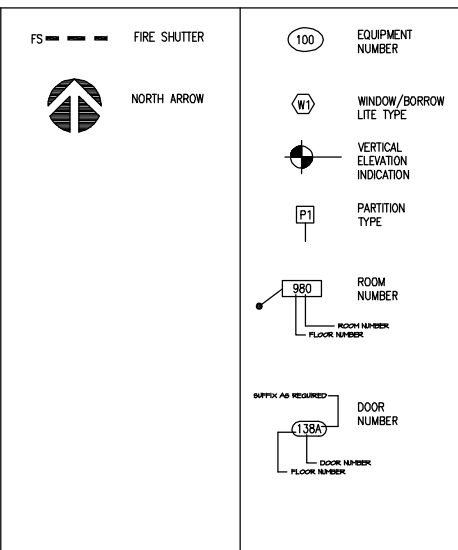
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CLIENT PROJECT NUMBER

SHEET NUMBER **MA0.00**

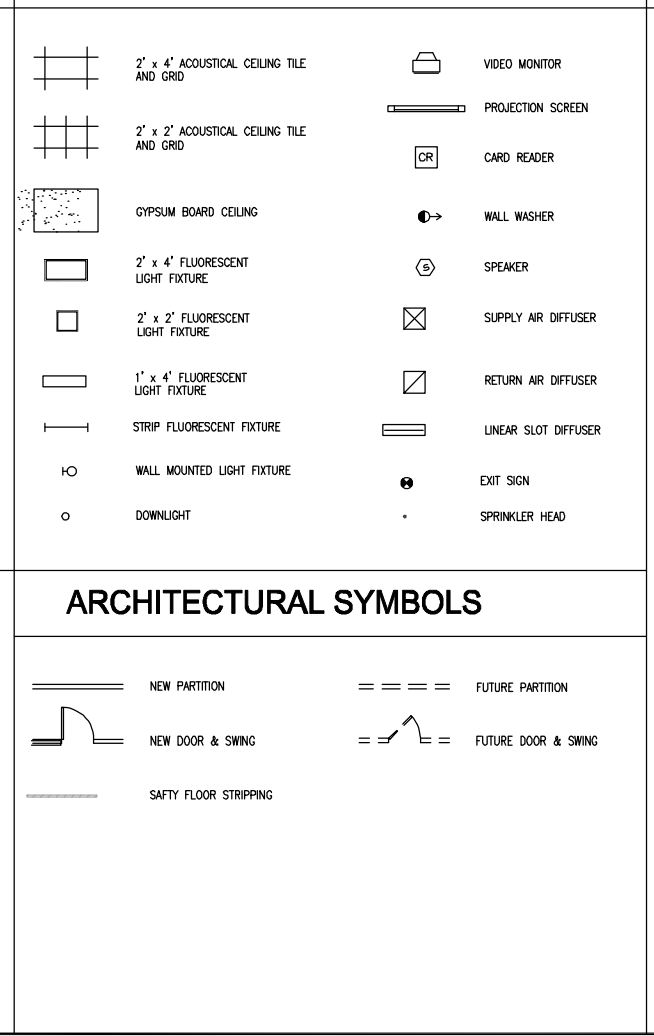
DRAWING SYMBOLS



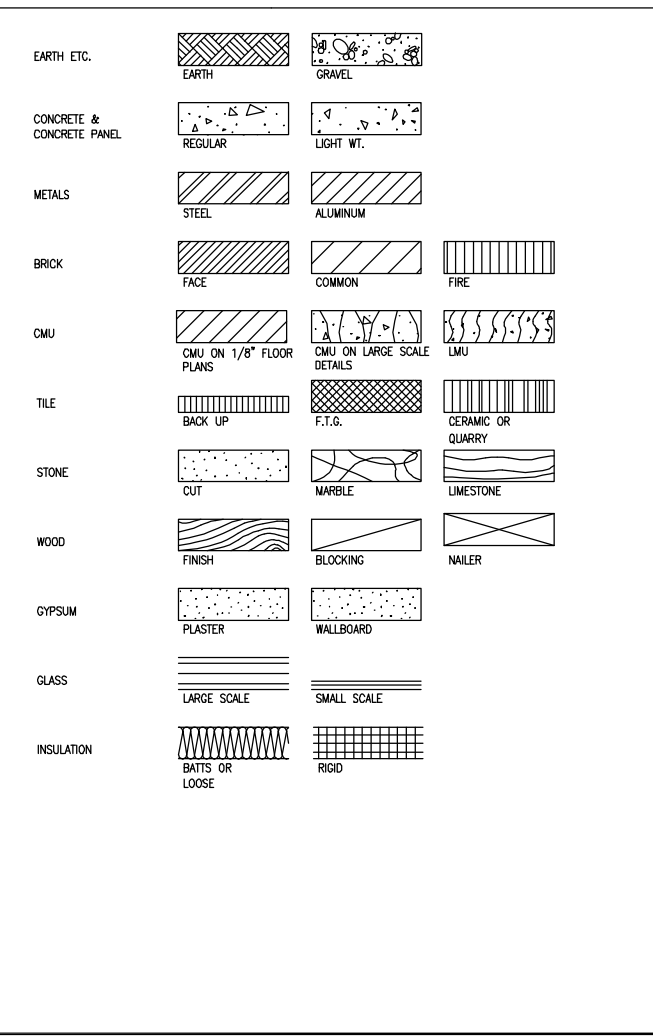
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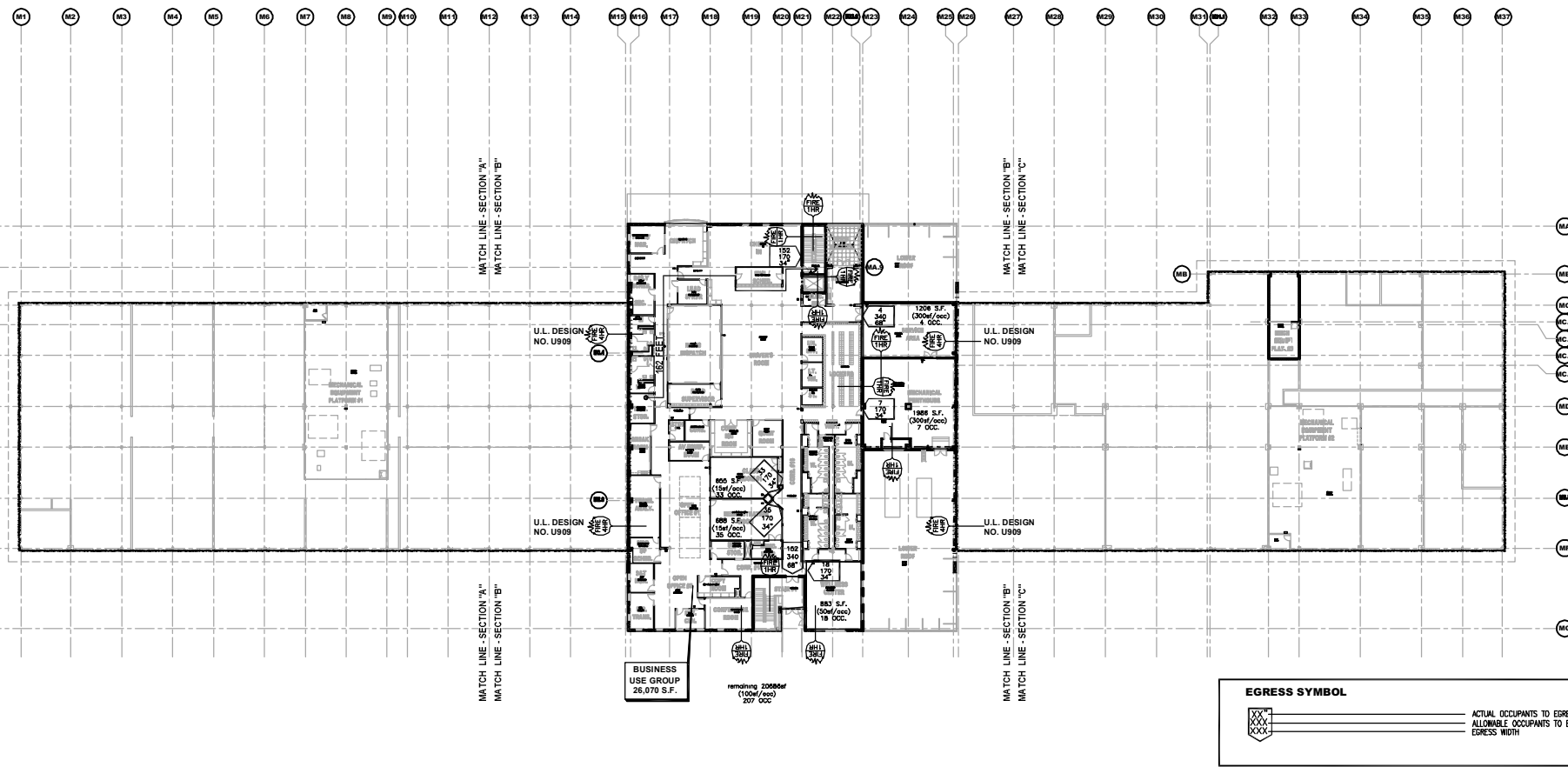


ARCHITECTURAL SYMBOLS

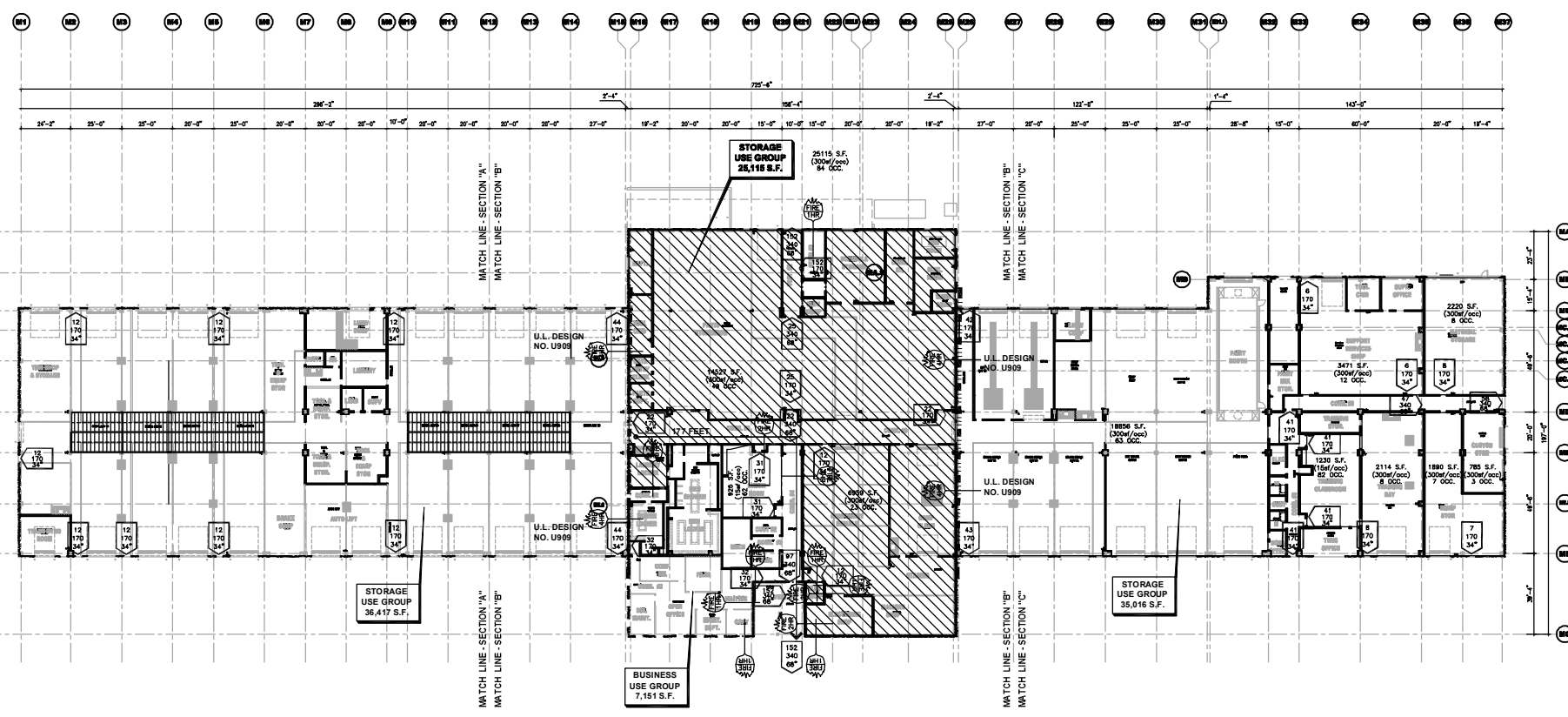


ARCHITECTURAL MATERIAL SYMBOLS





1 SECOND FLOOR LIFE SAFETY PLAN - COMPOSITE
SCALE: 1/32" = 1'-0"



2 FIRST FLOOR LIFE SAFETY PLAN - COMPOSITE
SCALE: 1/32" = 1'-0"

BUILDING CODE INFORMATION

FLORIDA CODE 2001

- ALL EXTERIOR GLAZED OPENINGS AND SKYLIGHTS SHALL MEET THE MINIMUM REQUIREMENTS FOR WIND-BORNE DEBRIS IMPACT RESISTANCE STANDARDS FOR LARGE MISSILE TESTS MEETING THE REQUIREMENTS OF SSTD 12, ASTM E 1886 AND ASTM E 1996 OR MIAMI-DADE PA 201, 202 AND 203. REFERENCE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- MODIFIED BITUMEN MEMBRANE ROOF SYSTEM SHALL MEET THE MINIMUM REQUIREMENTS FOR WIND RESISTANCE OF NON-BALLASTED LOW-SLOPE ROOFS AS TESTED IN ACCORDANCE WITH FM 4450, FM 4470, UL 580, FM 4470, UL 580, OR UL 1897.
- BUILDING CATEGORY II (ASCE 7-98 TABLE 1-1)

DESCRIPTION	ANALYSIS	REFERENCE
USE GROUP	PRIMARY (S-2), REPAIR GARAGE	SECTION 411.5
	SECONDARY (B), BUSINESS	SECTION 305
CONSTRUCTION TYPE	IV (UNPROTECTED) SPRINKLER THROUGHOUT	SECTION 606
BUSINESS, (B)	ALLOWABLE ACTUAL	
BUILDING HEIGHT	55 FEET 35 FEET	TABLE 500
MAXIMUM STORY	5 STORY 2 STORY	
AREA MULTI-STORY	34,000 SF	SEE PLAN
STORAGE, (S-2)	ALLOWABLE ACTUAL	
BUILDING HEIGHT	55 FEET 31 FEET	TABLE 500
MAXIMUM STORY	4 STORY 1 STORY	
ONE STORY ONLY	48,000 SF	SEE PLAN

CONSTRUCTION FIRE RESISTANCE RATINGS (HOURS)

OCCUPANCY SEPARATION	2	TABLE 704.1
AUTOMOBILE REPAIR GARAGE - SPECIAL OCCUPANCY		
PARTY AND FIRE WALLS	4	TABLE 600
INTERIOR BEARING WALLS	NONCOMBUSTIBLE	
COLUMNS SUPPORTING OTHER COLUMNS OR MORE THAN ONE FLOOR	NONCOMBUSTIBLE	
COLUMNS SUPPORTING ONE FLOOR ONLY	NONCOMBUSTIBLE	
COLUMNS SUPPORTING ROOF ONLY	NONCOMBUSTIBLE	
BEAMS, GIRDERS, TRUSSES, ARCHES SUPPORTING COLUMNS OR MORE THAN ONE FLOOR	NONCOMBUSTIBLE	
SUPPORTING ONE FLOOR ONLY	NONCOMBUSTIBLE	
SUPPORTING ROOF ONLY	NONCOMBUSTIBLE	
FLOORS & FLOOR/CEILING ASSEMBLIES	NONCOMBUSTIBLE	
ROOFS & ROOF/CEILING ASSEMBLIES	NONCOMBUSTIBLE	

HORIZONTAL SEPARATION FROM PROPERTY LINE for EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS, & GABLE ENDS OF ROOF

0 FEET TO 3 FEET	1	TABLE 600
OVER 3 FEET TO 10 FEET	1	
OVER 10 FEET TO 20 FEET	NONCOMBUSTIBLE	
OVER 20 FEET TO 30 FEET	20% WALL OPENINGS	
OVER 30 FEET	NONCOMBUSTIBLE	
	40% WALL OPENINGS	
	NONCOMBUSTIBLE	
	NO LIMIT WALL OPENINGS	

FIRE RESISTANCE RATING OF EXIT ACCESS CORRIDORS	0	TABLE 704.2.4
30 OR MORE OCCUPANTS		
BUSINESS, STORAGE		
MIN. FIRE RESISTANCE OF PARTITIONS & OPENINGS	PARTITION	OPENING
SHAFT ENCLOSURES (including stairs, elevators, exits)	1	1
LESS THAN 4 STORIES		
OCCUPANCY SEPARATION	2	1-1/2
FIRE WALLS	4	3
MACHINERY ROOM	1	3/4
		SECTION 704.1.3.3

TRAVEL DISTANCE, DEAD-END, EGRESS WIDTHS & OCCUPANT LOADS

BUSINESS - (B)		TABLE 1004
LENGTH OF EXIT ACCESS TRAVEL	300 FEET	
MAXIMUM DEAD END CORRIDOR	50 FEET	
EGRESS WIDTH PER PERSON CORRIDOR	0.2 INCHES	
EGRESS WIDTH PER PERSON STAIRS	0.3 INCHES	
MINIMUM CORRIDOR WIDTH	44 INCHES	
MINIMUM CLEAR OPENING OF EXIT DOORS	32 INCHES	
MINIMUM STAIR WIDTH	44 INCHES	
STORAGE - (S-2)		TABLE 1004
LENGTH OF EXIT ACCESS TRAVEL	400 FEET	
MAXIMUM DEAD END CORRIDOR	100 FEET	
EGRESS WIDTH PER PERSON CORRIDOR	0.2 INCHES	
EGRESS WIDTH PER PERSON STAIRS	0.3 INCHES	
MINIMUM CORRIDOR WIDTH	44 INCHES	
MINIMUM CLEAR OPENING OF EXIT DOORS	32 INCHES	
MINIMUM STAIR WIDTH	44 INCHES	
MINIMUM OCCUPANT LOAD		
BUSINESS - (B)	100 GROSS SQ. FT.	TABLE 1003.1
STORAGE - (S-2)	300 GROSS SQ. FT.	
MEZZANINE SINGLE EXIT CRITERIA		SECTION 1005.7
OCCUPANT LOAD LESS THAN	30	
MAXIMUM TRAVEL DISTANCE	100 FEET	

HOURLY PARTITION RATINGS

GRAPHIC	DESCRIPTION	REFERENCE
---	1-HOUR GYPSUM BOARD CMJ	(UL U419) (UL U905)
----	2-HOUR GYPSUM BOARD CMJ	(UL U419) (UL U905)
----	4 - HOUR FIRE WALL SEPARATION	
▨	2-HOUR FLOOR ASSEMBLY	(UL D780) DETAIL 11/MA4.41
FE 160 (FIRE EXTINGUISHER SURFACE MOUNT)	FIRE EXTINGUISHER (RECESSED IN ALL OFFICE SPACE, SURFACE MOUNT IN MAINTENANCE AREA AND UTILITY ROOMS - REFERENCE ENLARGED FLOOR PLANS FOR LOCATIONS)	
FEC 163 (FIRE EXTINGUISHER CABINET MOUNT - SEMI-RECESSED)		
177	MOST REMOTE EGRESS PATH	



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DATE OF SEAL
SHEET CONTENT
1st FLR. LIFE SAFETY PLAN
2nd FLR. LIFE SAFETY PLAN
BUILDING CODE INFO.
DATE
SCALE: 1/32"=1'-0"
DRAWN BY: **GMW**
CHECKED BY: **MGC**
APPROVED BY: **MJP**

PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER
SHEET NUMBER **MA0.10**



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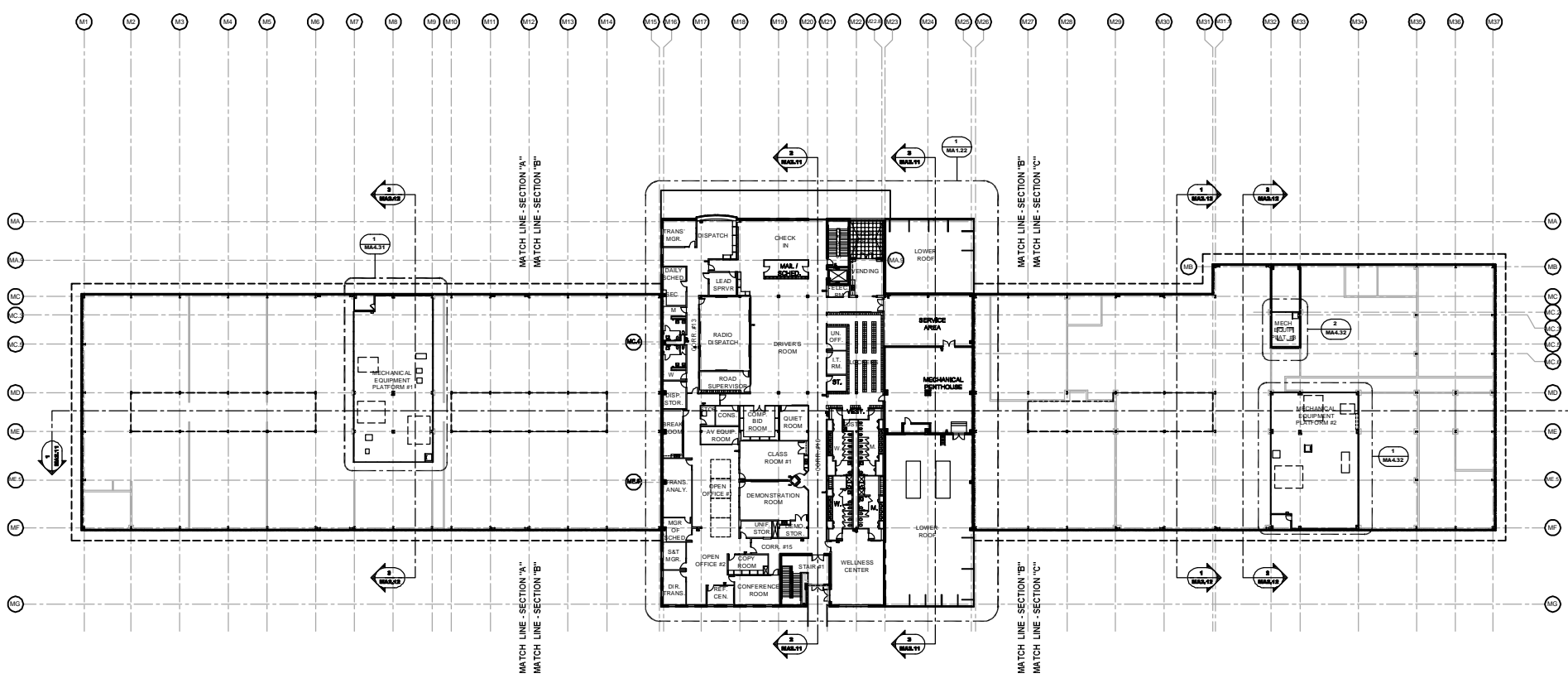
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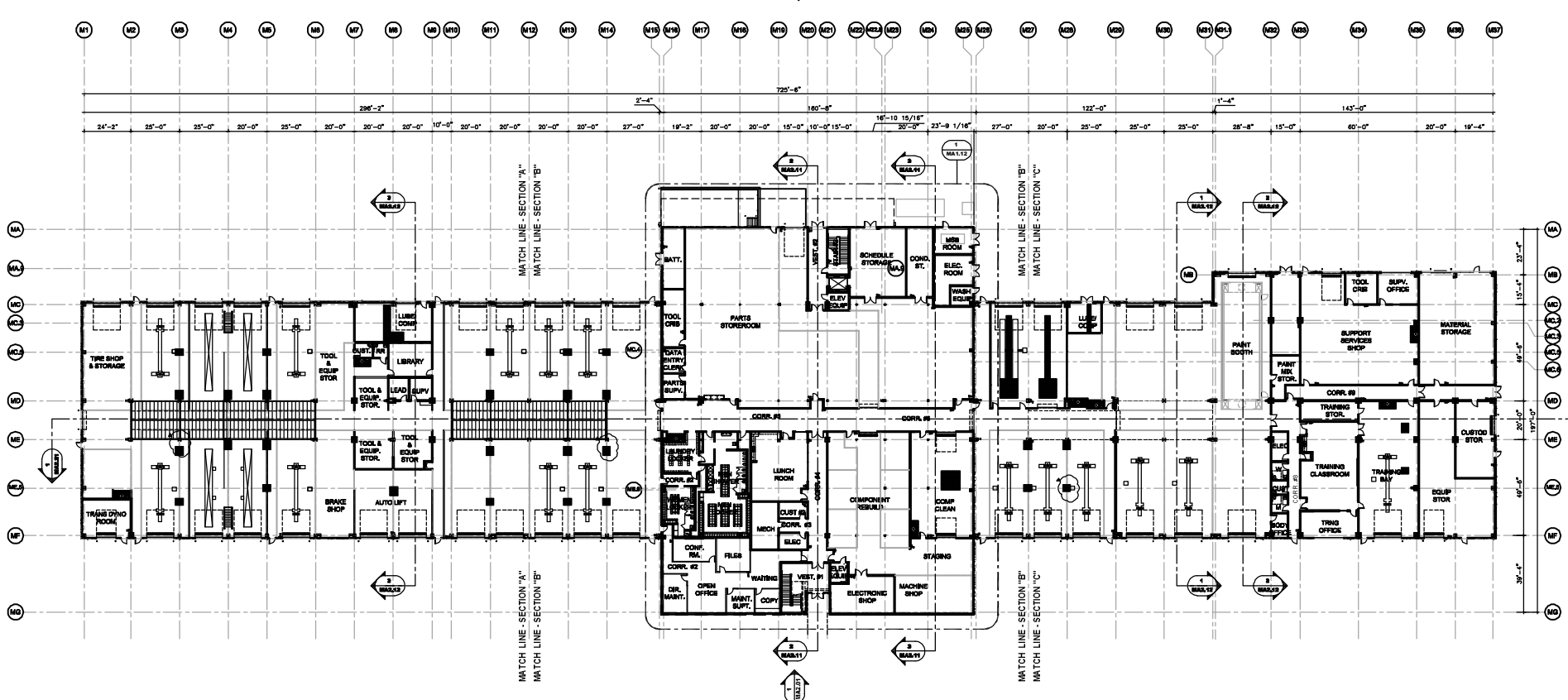
SHEET CONTENT
1st FLOOR COMPOSITE PLAN
2nd FLOOR COMPOSITE PLAN

DATE	
SCALE	1/32"=1'-0"
DRAWN BY	GMW
CHECKED BY	MGC
APPROVED BY	MJP

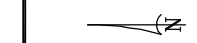
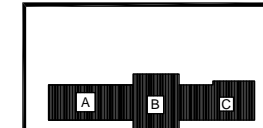
PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER
SHEET NUMBER **MA1.10**



1 SECOND FLOOR PLAN - COMPOSITE
SCALE: 1/32" = 1'-0"



2 FIRST FLOOR PLAN - COMPOSITE
SCALE: 1/32" = 1'-0"



MAINTENANCE BUILDING KEYPLAN

KEY NOTES
(THIS SHEET ONLY)

- ◇ FLOOR SAFETY STRIPE
- ◇ TYPICAL CONCRETE HOUSEKEEPING CURB AT COLUMN
- ◇ DOTTED LINE INDICATES SKYLITES ABOVE
- ◇ STEEL LADDER TO MECHANICAL PLATFORM
- ◇ DOTTED PROFILE INDICATES OVERHEAD OR ROLLING DOOR IN FULLY OPEN POSITION
- ◇ RECESSED FLOOR GRATE 1 OF 15 THIS DRAWING TYPICAL. REFER TO STRUCTURAL PLANS FOR LOCATIONS.
- ◇ TRENCH DRAINS AT OVERHEAD DOORS ARE TYPICALLY EQUAL TO THE OHD WIDTH
- ◇ SHELVING - SEE GENERAL NOTE 1, 2 & 3.
- ◇ LIBRARY SHELVING - SEE GENERAL NOTE 1 & 4.
- ◇ STAINLESS STEEL CORNER GUARD



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GENERAL NOTES
(THIS SHEET ONLY)

1. BEFORE INSTALLATION, COORDINATE EXACT LOCATION IN THE FIELD. SHELVING TO BE AS FOLLOWS:
2. 3/4" 1 1/2" PARTICLEBOARD SHELF W/ 3/4"x1/2" SOLID WOOD FRONT EDGE. PLASTIC LAMINATE (PL-6) ALL EXPOSED EDGES. SURFACE MOUNT SHELF TO WALL WITH 48" LONG, HEAVY DUTY EPOXY COATED STANDARD SUPPORTS W/ 1" SLOTS AT 20". SECURELY ANCHOR FLUSH TO WALL SURFACE AND LOCATED 16" O.C. MAX. CENTER WALL STANDARDS AT 5'-6" A.F.F. EQUALLY SPACE AND ALIGN SLOTS BETWEEN STANDARDS. COLOR: WHITE. 10" HEAVY-DUTY EPOXY COATED WOOD SHELF BRACKETS SECURED TO BOTTOM OF SHELF EQUAL IN NUMBER TO WALL STANDARDS INSTALLED. COLOR: WHITE.
- PROVIDE 10LF IN THE FOLLOWING ROOMS:
M128 M151 M155 M184 M210 M241
- PROVIDE 20LF IN THE FOLLOWING ROOMS:
M112 M113 M177 M178 M195 M196 M197 M198 M199 M200 M201 M202 M203 M204 M205 M211 M212 M213 M214 M220 M221 M222 M223 M224
- PROVIDE 30LF IN THE FOLLOWING ROOMS:
M186
- PROVIDE 40LF IN THE FOLLOWING ROOMS:
M225
3. ADJUSTABLE WALL SHELVING ABOVE MOP SINK. 3/4"x1 1/2" 1/2"x60" PLYWOOD SHELF WITH 3/4"x1/2" SOLID WOOD FRONT EDGE. PAINT ALL EXPOSED EDGES SAME COLOR AS ADJACENT WALL SURFACE. SURFACE MOUNT SHELF TO WALL WITH (3) 48" HEAVY-DUTY EPOXY COATED STANDARD SUPPORTS WITH 1" SLOTS AT 20". SECURELY ANCHOR FLUSH TO WALL SURFACE. CENTER STANDARD AT 5'-6" A.F.F. EQUALLY SPACE AND ALIGN SLOTS B/W STANDARDS. COLOR: WHITE. (3) 10" HEAVY-DUTY EPOXY COATED WOOD SHELF BRACKETS SECURED TO BOTTOM OF SHELF. COLOR: WHITE.
- PROVIDE IN THE FOLLOWING ROOMS:
M163 M141 M182 M253

New Administration, Operation and Maintenance Facility for:
PSTA
Pinellas Suncoast Transit Authority
Scherer Drive
Pinellas County, Florida 33771

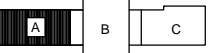
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DATE OF SEAL

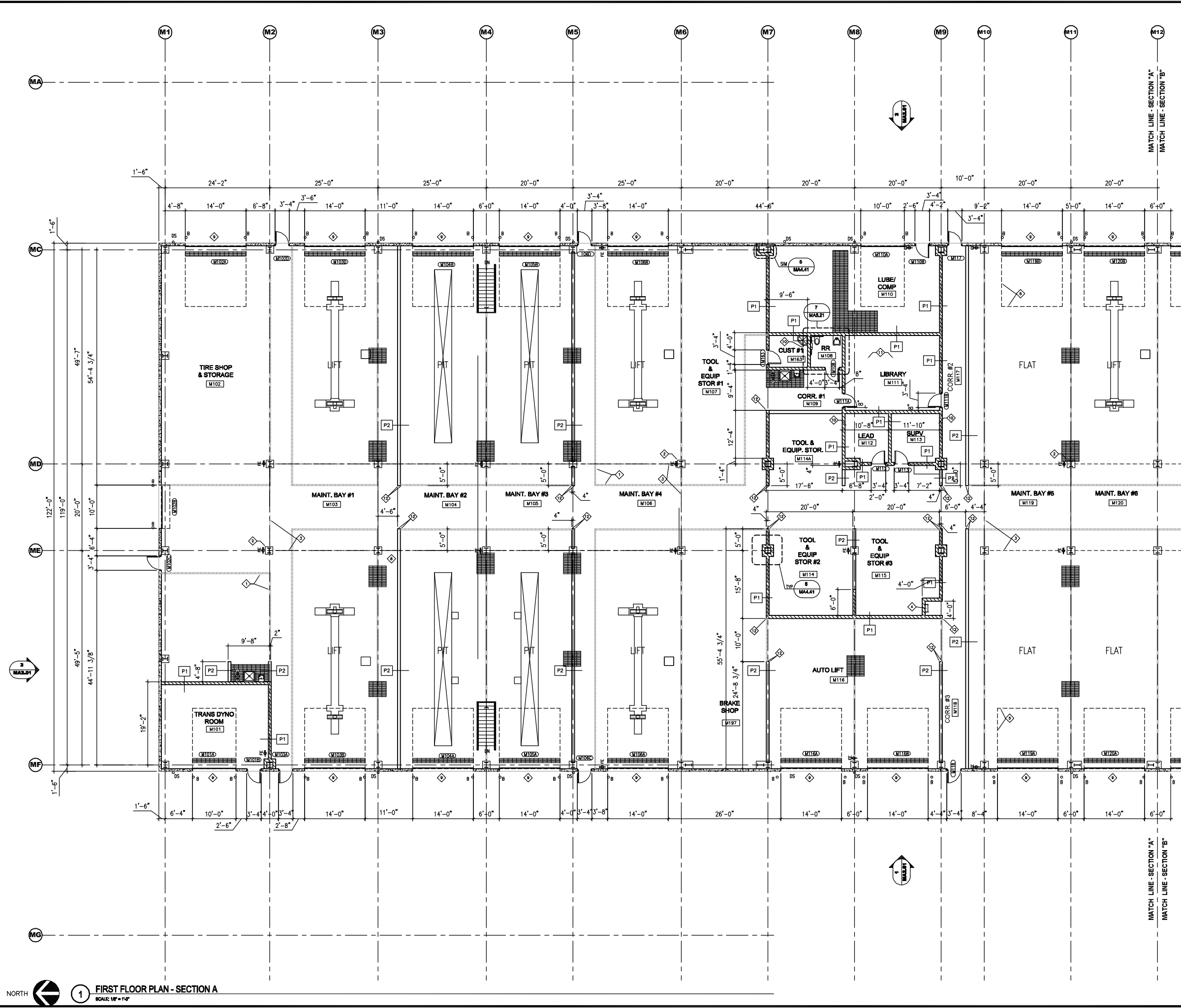
SHEET CONTENT
MAINTENANCE BUILDING
1st FLOOR PLAN
SECTION A

DATE
SCALE 1/8"=1'-0"
DRAWN BY JMB/GMW
CHECKED BY MGC
APPROVED BY MJP

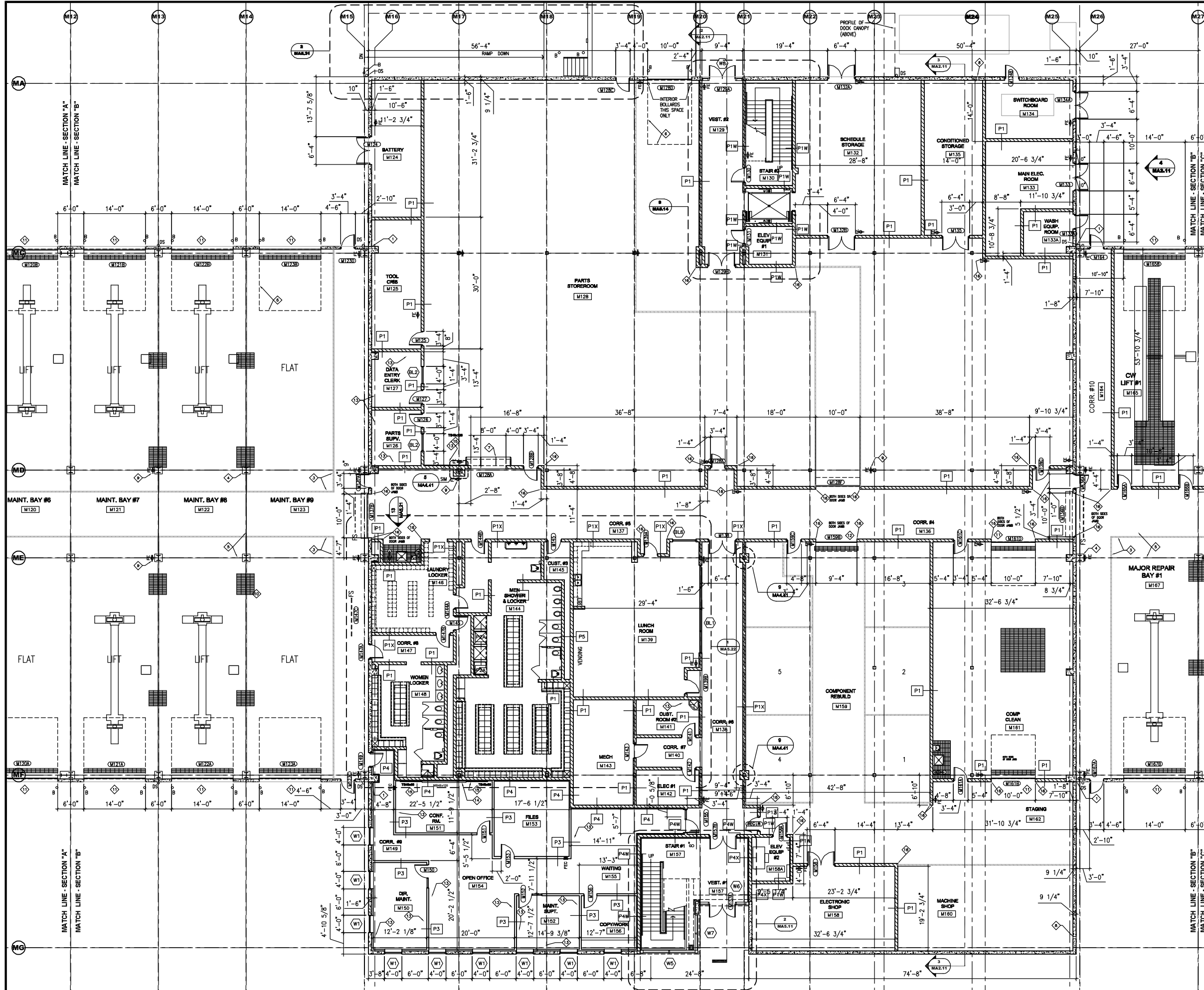


MAINTENANCE BUILDING
KEYPLAN

PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER
SHEET NUMBER **MA1.11**



1 FIRST FLOOR PLAN - SECTION A
SCALE: 1/8"=1'-0"



- KEY NOTES**
(THIS SHEET ONLY)
- FS - - - - INDICATES FIRE SHUTTER
 - ◇ INDICATES POINT AT WHICH TILT-UP CONCRETE PANEL THICKNESS INCREASES 2". LOCATION VARIES. REFER TO EXTERIOR ELEVATIONS FOR LOCATIONS
 - ◇ ALL LOCKERS IN LAUNDRY LOCKER RM. M146 ARE NIC.
 - ◇ FLOOR SAFETY STRIPE
 - ◇ TYPICAL CONCRETE HOUSEKEEPING CURB AT COLUMN
 - ◇ DOTTED LINE INDICATES SKYLITES ABOVE
 - ◇ DOTTED PROFILE INDICATES OVERHEAD OR ROLLING DOOR IN FULLY OPEN POSITION
 - ◇ DOTTED LINE AT CASEWORK/COUNTERS INDICATES SUPPORT BRACE BELOW
 - ◇ PLUMBING OVERFLOW OUTLET W/ SCREEN CAST INTO TILT-UP CONC. PANEL. COORDINATE LOCATION W/ PLUMBING DWG.
 - ◇ FIRE EXTINGUISHER LOCATION, TYPICAL
 - ◇ RECESSED FLOOR GRATE 1 OF 8 THIS DRAWING TYPICAL. REFER TO STRUCTURAL PLANS FOR LOCATIONS.
 - ◇ TRENCH DRAINS AT OVERHEAD DOORS ARE TYPICALLY EQUAL TO THE OHD WIDTH
 - ◇ TRENCH DRAIN AT OVERHEAD DOOR M159B IS 10'-0" LONG.
 - ◇ SHELVIC - SEE GENERAL NOTE 1, 2 & 3.
 - ◇ MARKER BOARD
 - ◇ TACKBOARD
 - ◇ STAINLESS STEEL CORNER GUARDS.

GENERAL NOTES
(THIS SHEET ONLY)

1. BEFORE INSTALLATION, COORDINATE EXACT LOCATION IN THE FIELD. SHELVIC TO BE AS FOLLOWS:
2. 3/4" x 1 1/2" PARTICLEBOARD SHELF W/ 3/4" x 1 1/2" SOLID WOOD FRONT EDGE. PLASTIC LAMINATE (PL-6) ALL EXPOSED EDGES. SURFACE MOUNT SHELF TO WALL WITH: 48" LONG, HEAVY DUTY EPOXY COATED STANDARD SUPPORTS W/ 1" SLOTS AT 2' O.C., SECURELY ANCHOR FLUSH TO WALL SURFACE AND LOCATED 16" O.C. MAX. CENTER WALL STANDARD AT 5'-6" AFF. EQUALLY SPACE AND ALIGN SLOTS BETWEEN STANDARDS. COLOR: WHITE. 10" HEAVY-DUTY EPOXY COATED WOOD SHELF BRACKETS SECURED TO BOTTOM OF SHELF EQUAL IN NUMBER TO WALL STANDARDS INSTALLED. COLOR: WHITE.
- PROVIDE 10LF IN THE FOLLOWING ROOMS:
M128 M151 M155 M164 M210 M241
- PROVIDE 20LF IN THE FOLLOWING ROOMS:
M112 M113 M127 M128 M150 M152 M153 M154 M182 M202 M203 M204 M205 M211 M212 M213 M214 M220 M221 M222 M223 M224
- PROVIDE 30LF IN THE FOLLOWING ROOMS:
M186
- PROVIDE 40LF IN THE FOLLOWING ROOMS:
M225
3. ADJUSTABLE WALL SHELVIC ABOVE MOP SINK: 3/4" x 1 1/2" x 16" WOOD SHELF WITH 3/4" x 1 1/2" SOLID WOOD FRONT EDGE. PAINT ALL EXPOSED EDGES SAME COLOR AS ADJACENT WALL SURFACE. SURFACE MOUNT SHELF TO WALL WITH (3) 48" HEAVY-DUTY EPOXY COATED STANDARD SUPPORTS WITH 1" SLOTS AT 2' O.C., SECURELY ANCHOR FLUSH TO WALL SURFACE. CENTER STANDARD AT 5'-4" AFF. EQUALLY SPACE AND ALIGN SLOTS B/W STANDARDS. COLOR: WHITE. (3) 10" HEAVY-DUTY EPOXY COATED WOOD SHELF BRACKETS SECURED TO BOTTOM OF SHELF - COLOR: WHITE.
- PROVIDE IN THE FOLLOWING ROOMS:
M163 M141 M182 M253

RECORD DOCUMENTS

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DATE OF SEAL

SHEET CONTENT
**MAINTENANCE BUILDING
1st FLOOR PLAN
SECTION B**

DATE _____
SCALE 1/8"=1'-0"
DRAWN BY JMB/GMW
CHECKED BY MGC
APPROVED BY MJP

MAINTENANCE BUILDING KEYPLAN

PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER _____
SHEET NUMBER **MA1.12**



PB PARSONS
BRUCKNERHOFF
1511 Central Street, Saint Louis, MO 63103-2225
T 314-421-1476 F 314-421-1741 www.pbparson.com



PINELLAS SUNCOAST TRANSIT AUTHORITY

REV	DESCRIPTION	DATE

New Administration, Operation and Maintenance Facility for:

PSTA
Pinellas Suncoast Transit Authority
Scherer Drive
Pinellas County, Florida 33771

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DATE OF SEAL

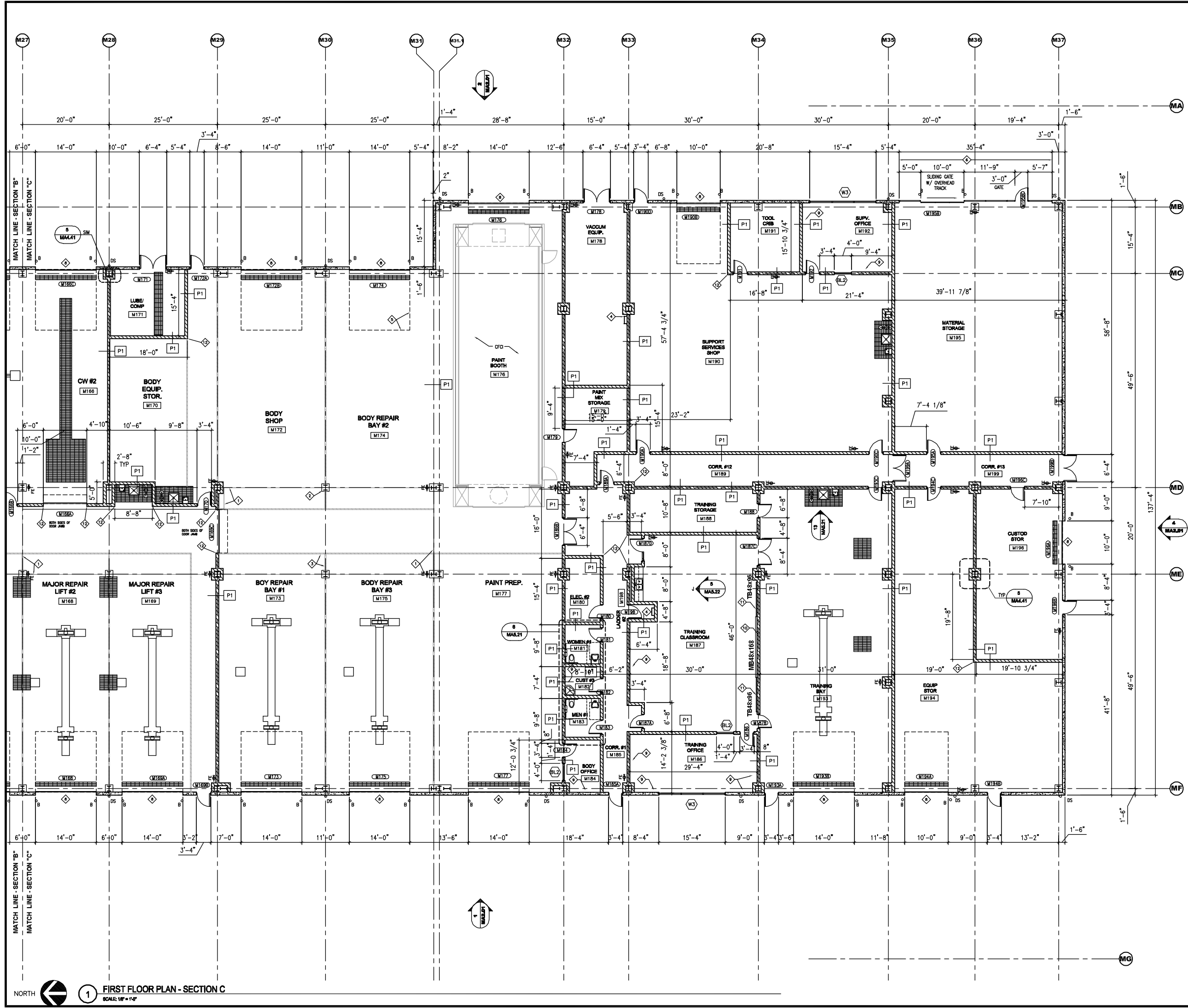
SHEET CONTENT
**MAINTENANCE BUILDING
1st FLOOR PLAN
SECTION B**

DATE _____
SCALE 1/8"=1'-0"
DRAWN BY JMB/GMW
CHECKED BY MGC
APPROVED BY MJP

MAINTENANCE BUILDING KEYPLAN

PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER _____
SHEET NUMBER **MA1.12**

FIRST FLOOR PLAN - SECTION B
SCALE: 1/8"=1'-0"



KEY NOTES
(THIS SHEET ONLY)

- ◇ DOTTED LINE INDICATES SKYLITES ABOVE
- ◇ FLOOR SAFETY STRIPE
- ◇ TYPICAL CONCRETE HOUSEKEEPING CURB AT COLUMN
- ◇ STEEL LADDER TO MECHANICAL PLATFORM
- ◇ DOTTED PROFILE INDICATES OVERHEAD OR ROLLING DOOR IN FULLY OPEN POSITION
- ◇ CHAINLINK ENCLOSURE W/ SWINGING & SLIDING GATE
- ◇ RECESSED FLOOR GRATE 1 OF 6 THIS DRAWING TYPICAL. REFER TO STRUCTURAL PLANS FOR LOCATIONS.
- ◇ TRENCH DRAINS AT OVERHEAD DOORS ARE TYPICALLY EQUAL TO THE OHD WIDTH
- ◇ SHELVING - SEE GENERAL NOTE 1, 2 & 3.
- ◇ MARKER BOARD
- ◇ TACKBOARD
- ◇ STAINLESS STEEL CORNER GUARD

GENERAL NOTES
(THIS SHEET ONLY)

1. BEFORE INSTALLATION, COORDINATE EXACT LOCATION IN THE FIELD. SHELVING TO BE AS FOLLOWS:
2. 3/4" 1x10" PARTICLEBOARD SHELF W/ 3/4"x10" SOLID WOOD FRONT EDGE. PLASTIC LAMINATE (PL-6) ALL EXPOSED EDGES. SURFACE MOUNT SHELF TO WALL WITH 48" LONG, HEAVY DUTY EPOXY COATED STANDARD SUPPORTS W/ 1" SLOTS AT 2' O.C., SECURELY ANCHOR FLUSH TO WALL SURFACE AND LOCATED 16" O.C. MAX. CENTER WALL STANDARD AT 5'-4" A.F.F. EQUALLY SPACE AND ALIGN SLOTS BETWEEN STANDARDS. COLOR: WHITE. 10" HEAVY-DUTY EPOXY COATED WOOD SHELF BRACKETS SECURED TO BOTTOM OF SHELF EQUAL IN NUMBER TO WALL STANDARDS INSTALLED. COLOR: WHITE.
- PROVIDE 10LF IN THE FOLLOWING ROOMS:
M128 M151 M155 M184 M210 M241
- PROVIDE 20LF IN THE FOLLOWING ROOMS:
M112 M113 M177 M178 M179 M180 M181 M182 M183 M184 M185 M186 M187 M188 M189 M190 M191 M192 M193 M194 M195 M196 M197 M198 M199 M200 M201 M202 M203 M204 M205 M211 M212 M213 M214 M220 M221 M222 M223 M224
- PROVIDE 30LF IN THE FOLLOWING ROOMS:
M186
- PROVIDE 40LF IN THE FOLLOWING ROOMS:
M225
3. ADJUSTABLE WALL SHELVING ABOVE MOP SINK. 3/4"x11 1/2"x60" PLYWOOD SHELF WITH 3/4"x10" SOLID WOOD FRONT EDGE. PAINT ALL EXPOSED EDGES SAME COLOR AS ADJACENT WALL SURFACE. SURFACE MOUNT SHELF TO WALL WITH (3) 48" HEAVY-DUTY EPOXY COATED STANDARD SUPPORTS WITH 1" SLOTS AT 2' O.C., SECURELY ANCHOR FLUSH TO WALL SURFACE. CENTER STANDARD AT 5'-6" A.F.F., EQUALLY SPACE AND ALIGN SLOTS B/W STANDARDS. COLOR: WHITE. (3) 10" HEAVY-DUTY EPOXY COATED WOOD SHELF BRACKETS SECURED TO BOTTOM OF SHELF. COLOR: WHITE.
- PROVIDE IN THE FOLLOWING ROOMS:
M163 M141 M182 M253
4. SURFACE MOUNTED, METAL ENCASED, MANUALLY OPERATED FORWARD PROJECTION SCREEN. UNITS DESIGNED AND FABRICATED FOR SURFACE MOUNTING ON WALL OR CEILING. FABRICATED FROM FORMED STEEL SHEET OR ALUMINUM EXTRUSIONS; WITH FLAT BLACK DESIGN AND VINYL COVERING OR BAKED-ENAMEL FINISH, AS MANUFACTURED BY DA-LITE SCREEN CO., MODEL C.
- VENING SURFACE: GLASS BEZEL SEAMLESS CONSTRUCTION. PROVIDE SCREENS, IN SIZES INDICATED, WITHOUT SEAMS. EDGE TREATMENT: WITHOUT BLACK MASKING BORDERS. SIZE OF VENING SURFACE: 60"x60"
- PROVIDE IN THE FOLLOWING ROOMS:
M187 M229 M230



PB PARSONS BRINCKERHOFF
1831 Central Street, Suite 100, MD 63103-2225
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REV	DESCRIPTION	DATE

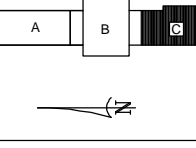
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Pinellas Suncoast Transit Authority
Scherer Drive
Pinellas County, Florida 33771

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DATE OF SEAL

SHEET CONTENT
MAINTENANCE BUILDING
1st FLOOR PLAN
SECTION C



DATE
SCALE 1/8"=1'-0"
DRAWN BY JMB/GMW
CHECKED BY MGC
APPROVED BY MJJ

PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER
SHEET NUMBER **MA1.13**

FIRST FLOOR PLAN - SECTION C
SCALE: 1/8"=1'-0"

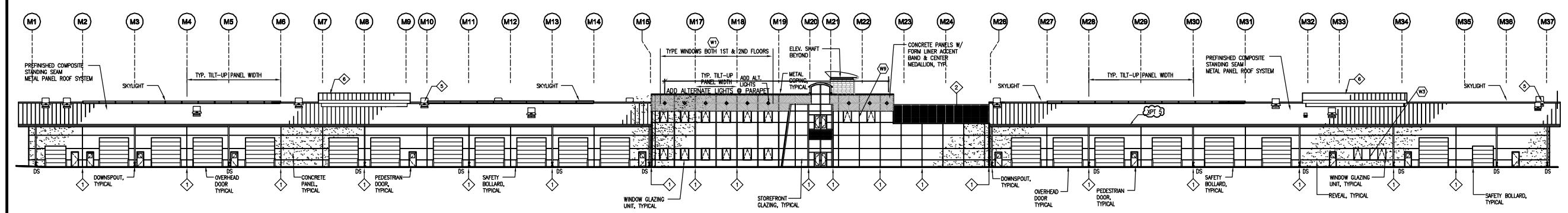
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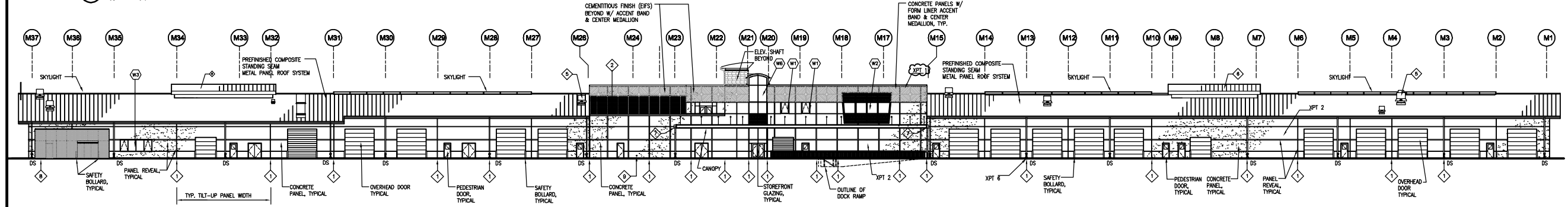
PB BARBERS
1931 Cleveland Street, Suit 100, MD 63103-2225
T 301-421-1476 F 301-421-1741 www.pbbarbers.com

PSA
PINELLAS SUNCOAST
TRANSIT AUTHORITY

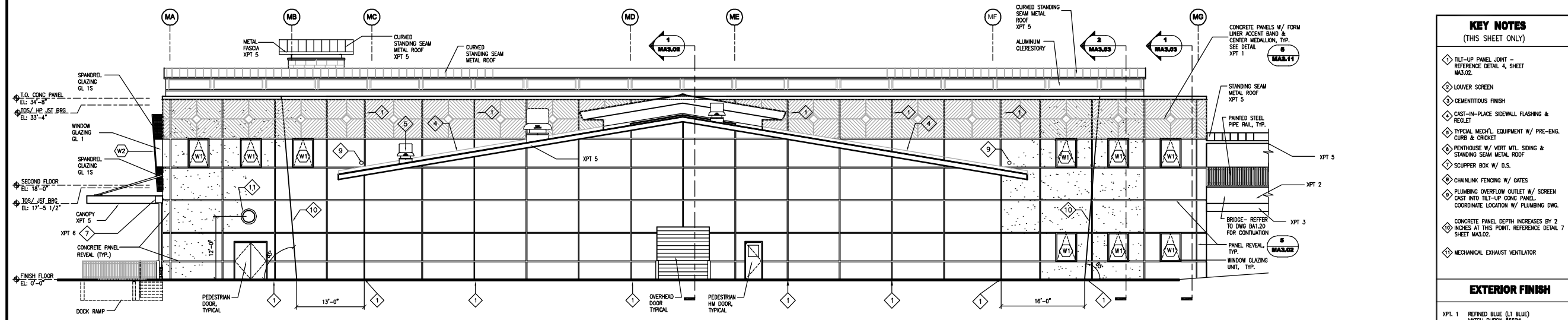
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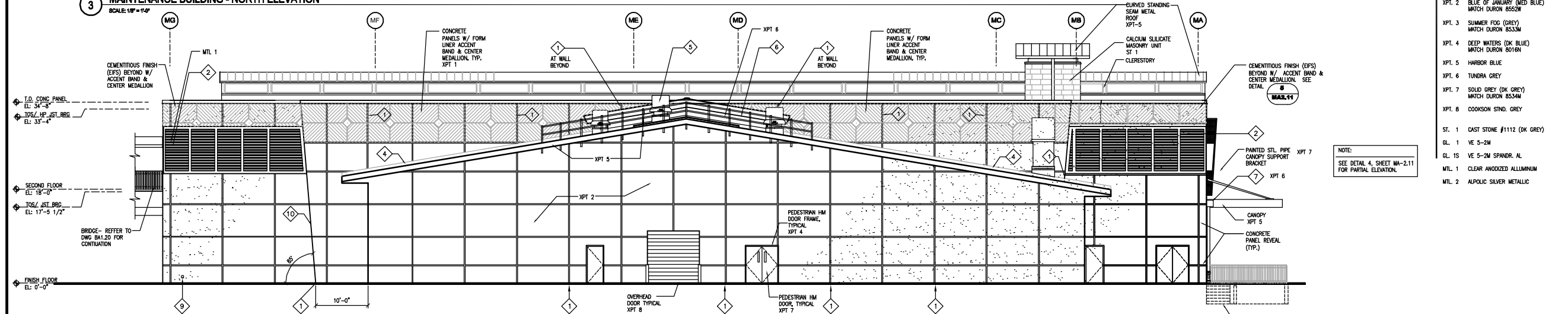
1 MAINTENANCE BUILDING - WEST ELEVATION
SCALE: 1" = 30'-0"



2 MAINTENANCE BUILDING - EAST ELEVATION
SCALE: 1" = 30'-0"



3 MAINTENANCE BUILDING - NORTH ELEVATION
SCALE: 1/8" = 1'-0"



4 MAINTENANCE BUILDING - SOUTH ELEVATION
SCALE: 1/8" = 1'-0"

KEY NOTES
(THIS SHEET ONLY)

- 1 TILT-UP PANEL JOINT - REFERENCE DETAIL 4, SHEET MA3.02
- 2 LOWER SCREEN
- 3 CEMENTITIOUS FINISH
- 4 CAST-IN-PLACE SIDEWALL FLASHING & REGLET
- 5 TYPICAL MECH. EQUIPMENT W/ PRE-ENG. CURB & CRICKET
- 6 PENTHOUSE W/ VERT. WTL. SIDING & STANDING SEAM METAL ROOF
- 7 SCUPPER BOX W/ O.S.
- 8 CHAINLINK FENCING W/ GATES
- 9 PLUMBING OVERFLOW OUTLET W/ SCREEN CAST INTO TILT-UP CONC. PANEL. COORDINATE LOCATION W/ PLUMBING DWG.
- 10 CONCRETE PANEL DEPTH INCREASES BY 2 INCHES AT THIS POINT. REFERENCE DETAIL 7 SHEET MA3.02.
- 11 MECHANICAL EXHAUST VENTILATOR

EXTERIOR FINISH

- XPT. 1 REFINED BLUE (LT BLUE) MATCH DURON 8550W
- XPT. 2 BLUE OF JANUARY (MED BLUE) MATCH DURON 8552W
- XPT. 3 SUMMER FOG (GREY) MATCH DURON 8533M
- XPT. 4 DEEP WATERS (DK BLUE) MATCH DURON 8501R
- XPT. 5 HARBOR BLUE
- XPT. 6 TUNDRA GREY
- XPT. 7 SOLID GREY (DK GREY) MATCH DURON 8534M
- XPT. 8 COOKSON STND. GREY
- ST. 1 CAST STONE #1112 (DK GREY)
- GL. 1 VE 5-2M
- GL. 1S VE 5-2M SPANDR. AL
- MTL. 1 CLEAR ANODIZED ALUMINUM
- MTL. 2 ALPOLC SILVER METALLIC

NOTE:
SEE DETAIL 4, SHEET MA-2.11 FOR PARTIAL ELEVATION.

New Administration, Operation and Maintenance Facility for:

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Pinellas County, Florida 33771

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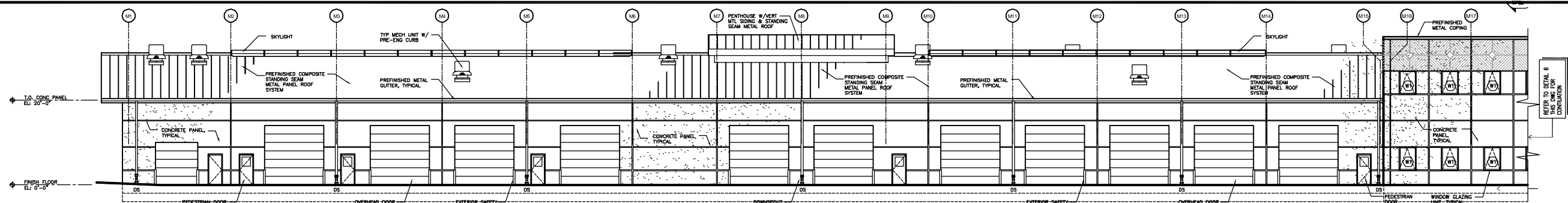
DATE OF SEAL

SHEET CONTENT
MAINTENANCE BUILDING
EXTERIOR ELEVATIONS
COMPOSITE COLOR KEY

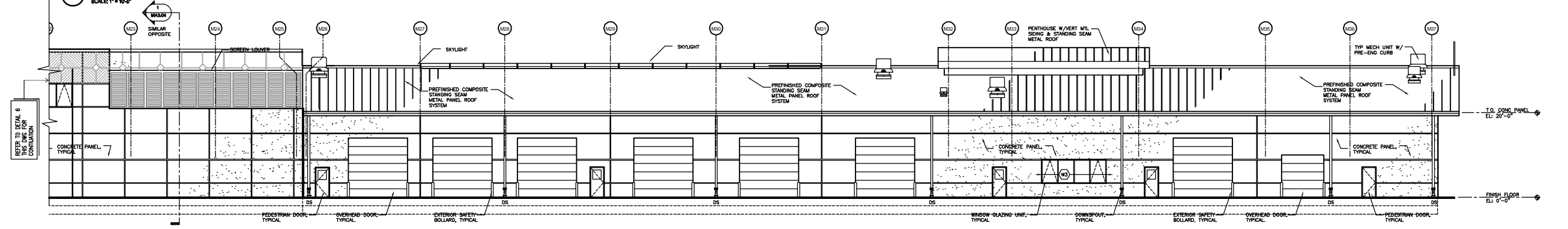
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SCALE
DRAWN BY IBARRA
CHECKED BY IBARRA
APPROVED BY URS

PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER

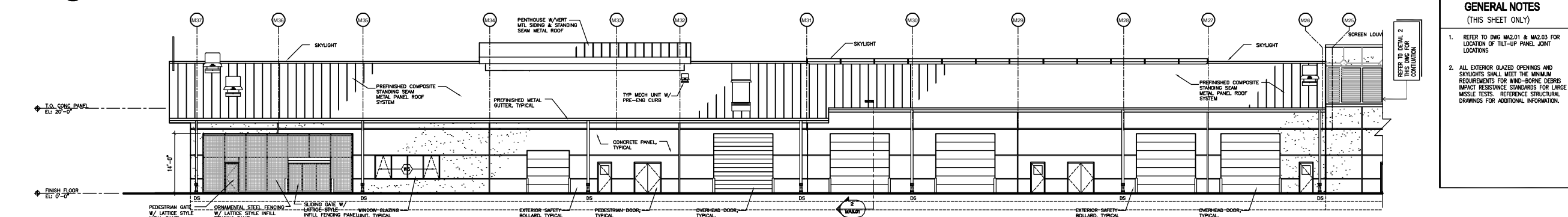
SHEET NUMBER **MA2.01C**



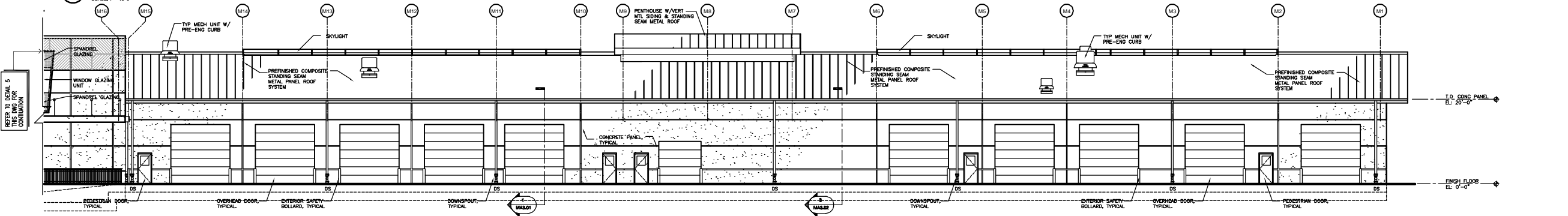
1 MAINTENANCE BUILDING - PARTIAL WEST ELEVATION SECTION A & B
SCALE: 1" = 10'-0"



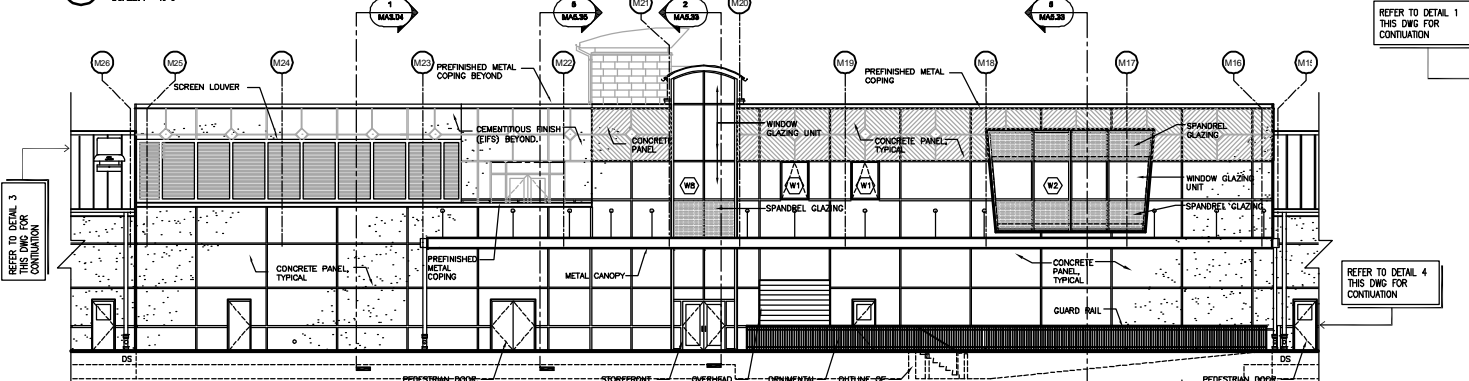
2 MAINTENANCE BUILDING - PARTIAL WEST ELEVATION SECTION B & C
SCALE: 1" = 10'-0"



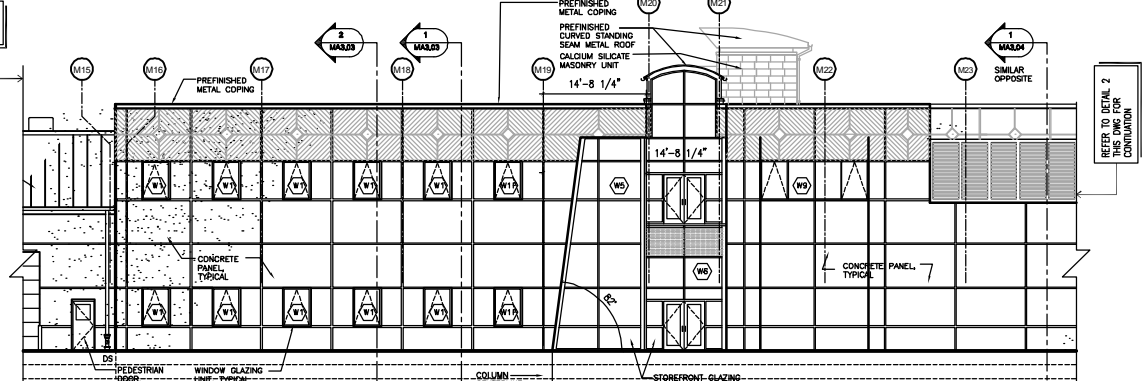
3 MAINTENANCE BUILDING - PARTIAL EAST ELEVATION SECTION B & C
SCALE: 1" = 10'-0"



4 MAINTENANCE BUILDING - PARTIAL EAST ELEVATION SECTION A & B
SCALE: 1" = 10'-0"



5 MAINTENANCE BUILDING - PARTIAL EAST ELEVATION SECTION B
SCALE: 1" = 10'-0"



6 MAINTENANCE BUILDING - PARTIAL WEST ELEVATION SECTION B
SCALE: 1" = 10'-0"

GENERAL NOTES
(THIS SHEET ONLY)

1. REFER TO DWG MA2.01 & MA2.03 FOR LOCATION OF TILT-UP PANEL JOINT LOCATIONS
2. ALL EXTERIOR GLAZED OPENINGS AND SKYLIGHTS SHALL MEET THE MINIMUM REQUIREMENTS FOR WIND-BORNE DEBRIS IMPACT RESISTANCE STANDARDS FOR LARGE MISSILE TESTS. REFERENCE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.



PB PARSONS BRINCKERHOFF
1511 Chelsea Street, Suite 1000, MD 63103-2225
T 314-421-1476 F 314-421-1741 I www.pbpari.com



PINELLAS SUNCOAST TRANSIT AUTHORITY

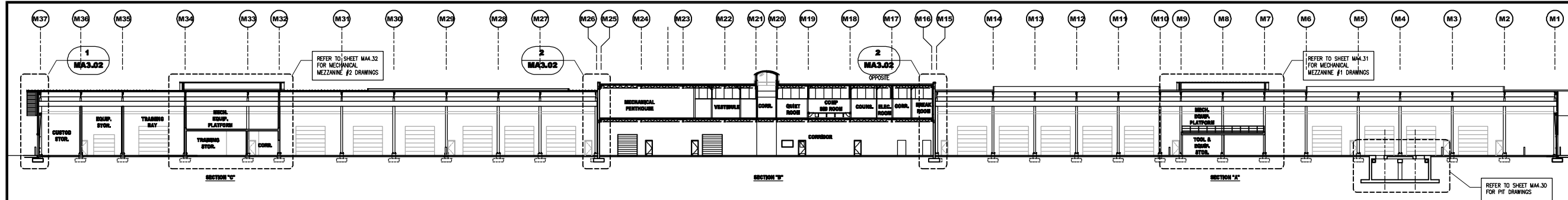
REV	DESCRIPTION	DATE

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PSTA
Pinellas Suncoast Transit Authority
Scherer Drive
Pinellas County, Florida 33771

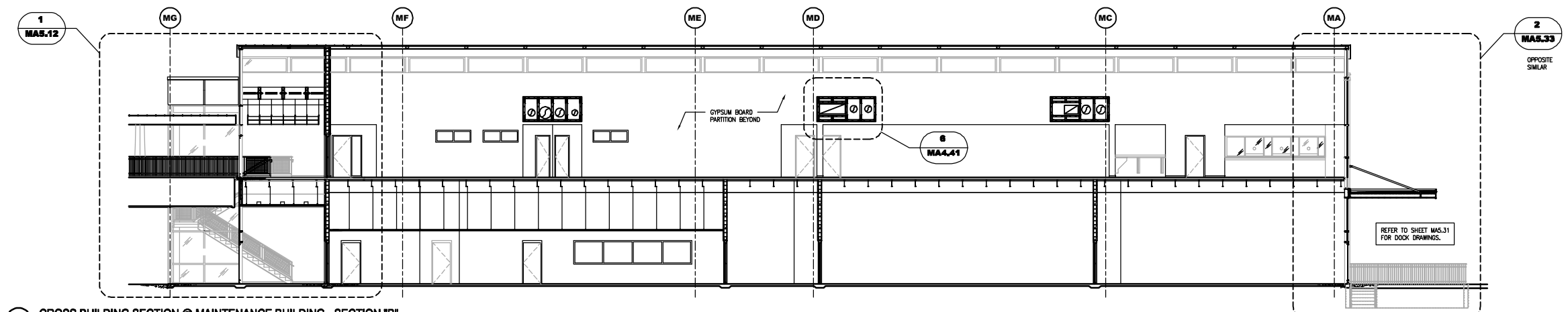
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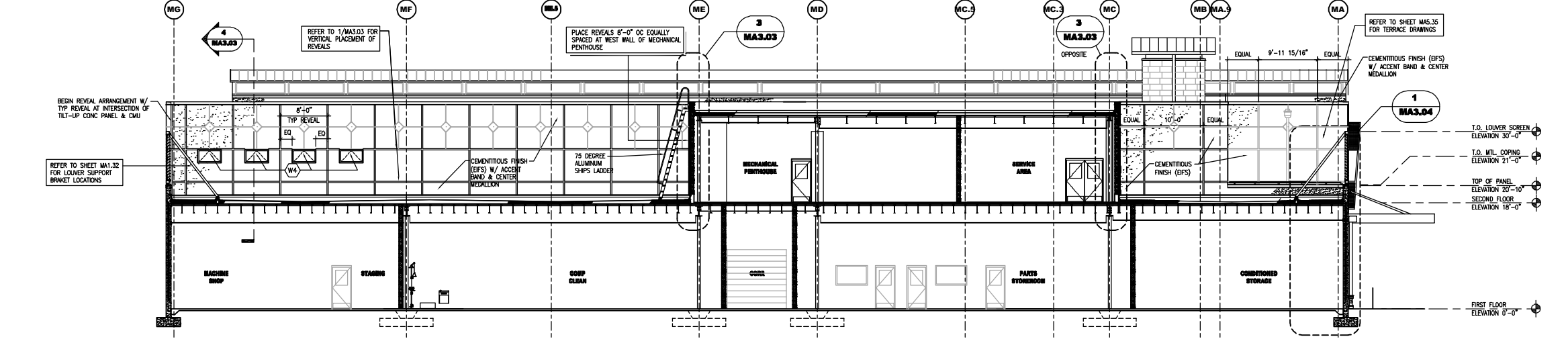
DATE OF SEAL	
SHEET CONTENT	MAINTENANCE BUILDING ELEVATIONS ENLARGED PARTIAL
DATE	
SCALE	1" = 10'-0"
DRAWN BY	JMB/GMW
CHECKED BY	MGC
APPROVED BY	MJP
PB PROJECT NUMBER	15550FFD
CLIENT PROJECT NUMBER	
SHEET NUMBER	MA2.02



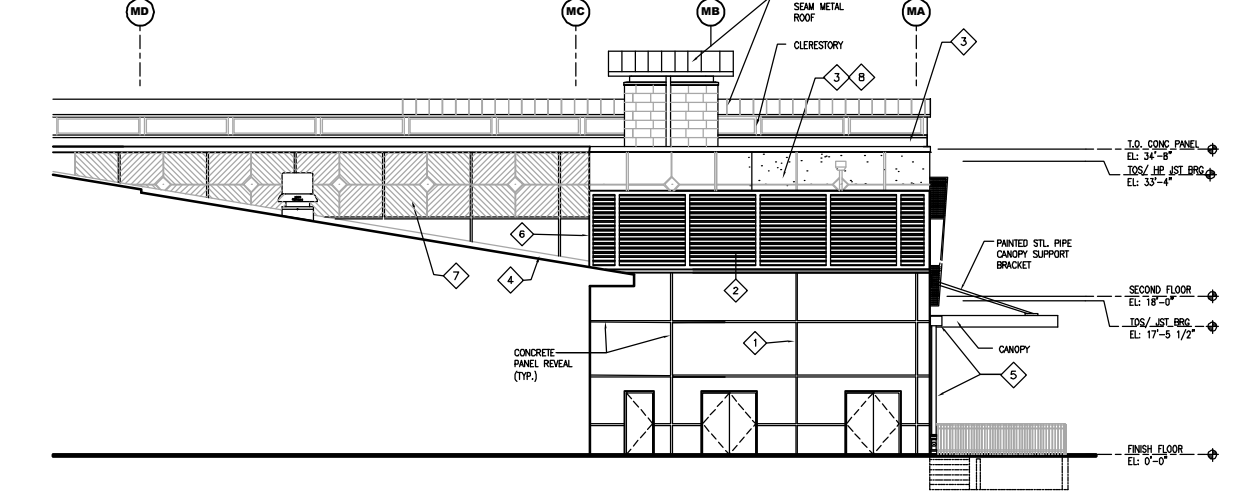
1 LONGITUDINAL BUILDING SECTION
SCALE: 1/8" = 1'-0"



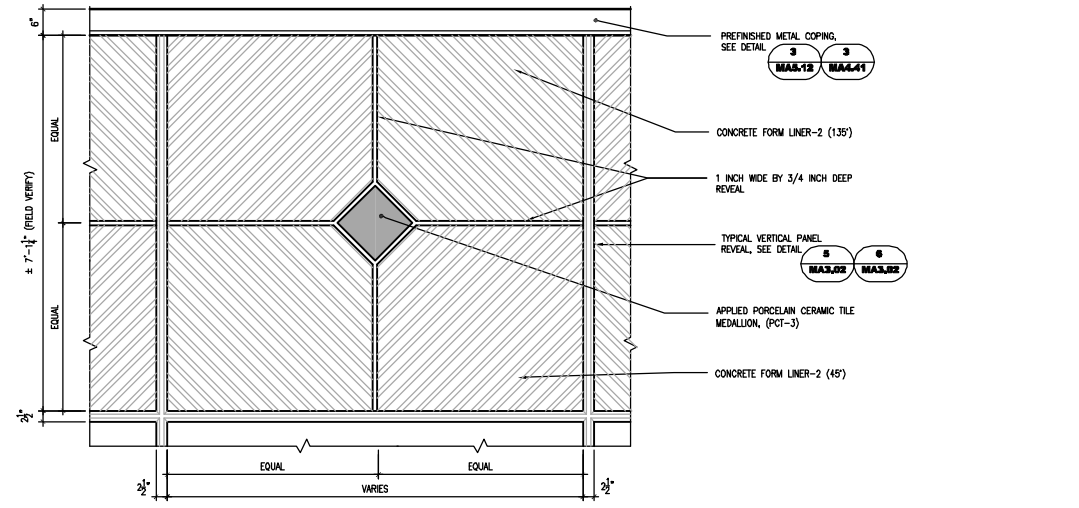
2 CROSS BUILDING SECTION @ MAINTENANCE BUILDING - SECTION "B"
SCALE: 1/8" = 1'-0"



3 CROSS BUILDING SECTION @ MAINTENANCE BUILDING - SECTION "B"
SCALE: 1/8" = 1'-0"



4 MAINTENANCE BUILDING - PARTIAL SOUTH ELEVATION @ SECTION "B"
SCALE: 1/8" = 1'-0"



5 TYPICAL ACCENT BAND @ CONCRETE PANEL
SCALE: 3/4" = 1'-0" (SIMILAR PROFILE @ EFS SYSTEM)



PB PARSONS BRINCKERHOFF
1931 Chestnut Street, Suite 1000, MD 63103-2225
T 314-421-1476 F 314-421-1741 I www.pbworld.com



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Scherer Drive
Pinellas County, Florida 33771

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DATE OF SEAL

SHEET CONTENT
MAINTENANCE BUILDING BUILDING SECTIONS

DATE
SCALE
DRAWN BY **JMB/GMW**
CHECKED BY **MGC**
APPROVED BY **MJP**

PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER
SHEET NUMBER **MA2.11**

KEY NOTES (THIS SHEET ONLY)

- 1 TILT-UP PANEL JOINT
- 2 LOUVER SCREEN
- 3 CEMENTITIOUS FINISH (EFS)
- 4 CAST-IN-PLACE SIDEWALL FLASHING & RISLET
- 5 SCUPPER BOX & DOWNSPOUT
- 6 VERTICAL REVEAL TRANSITION FROM TILT-UP PANEL TO CAST-IN PLACE CONSTRUCTION. REVEAL PROFILE SAME AS TYPICAL.
- 7 CONCRETE PANEL W/ FORM LINER ACCENT BAND & CENTER MEDALLION. SEE DETAIL 5, SHEET MA2.11.
- 8 EFS SYSTEM W/ ACCENT BAND & CENTER MEDALLION. SEE DETAIL 5, SHEET MA2.11.

GENERAL NOTES (THIS SHEET ONLY)

1. REFER TO DWG MA2.01 FOR LOCATION OF OTHER TILT-UP PANEL JOINT LOCATIONS

RECORD DOCUMENTS

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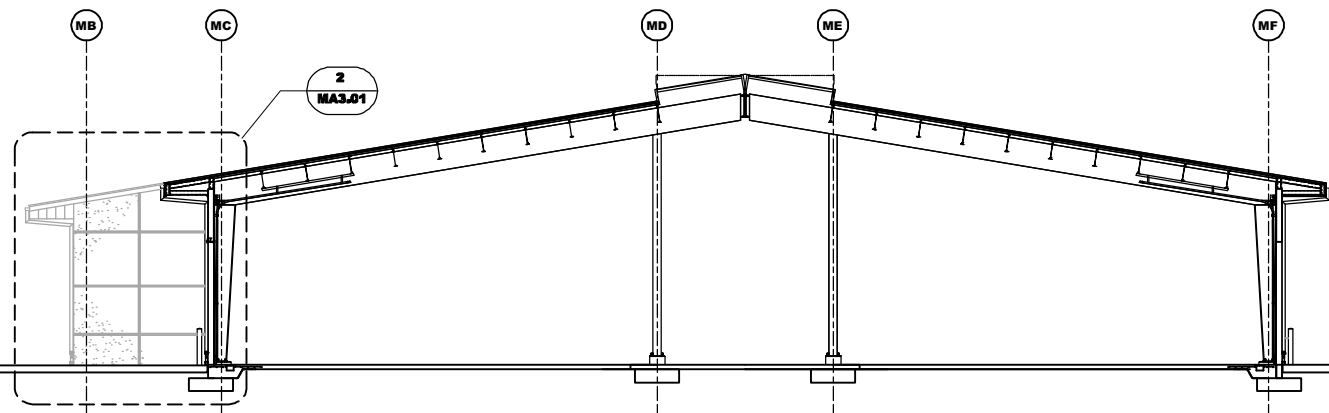
DATE OF SEAL

SHEET CONTENT
MAINTENANCE BUILDING BUILDING SECTIONS

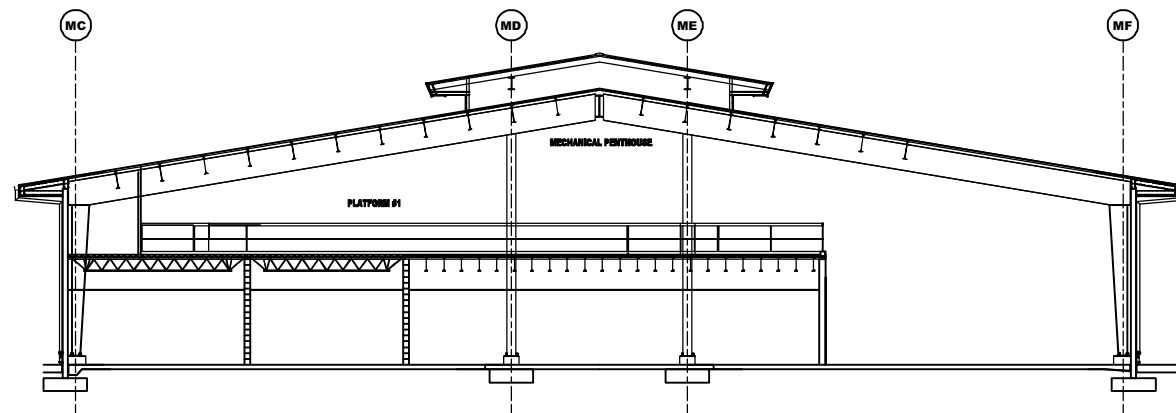
DATE
SCALE
DRAWN BY **JMB/GMW**
CHECKED BY **MGC**
APPROVED BY **MJP**

PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER

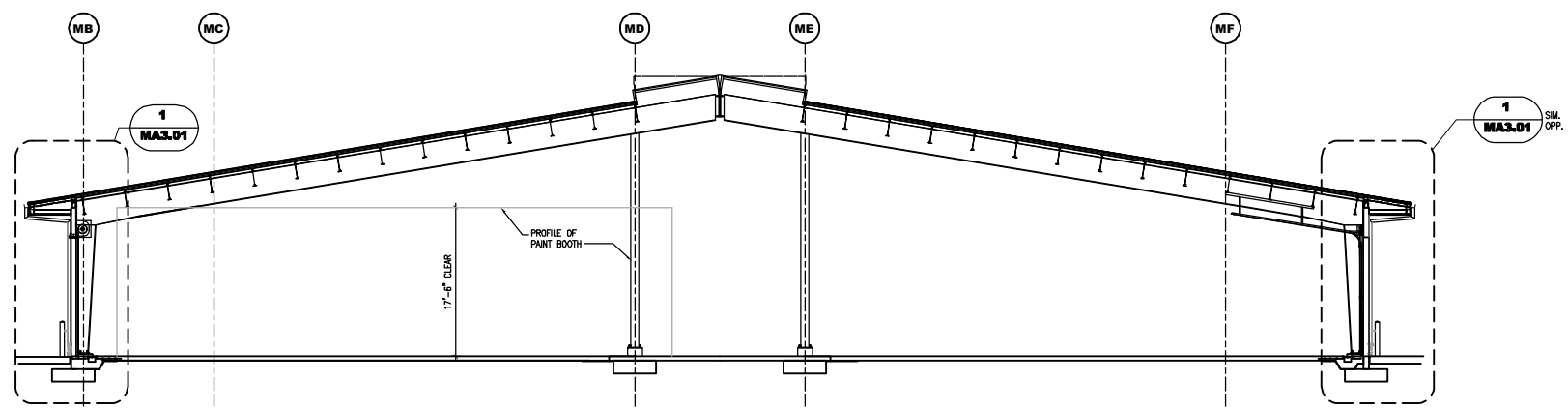
SHEET NUMBER **MA2.12**



1 CROSS BUILDING SECTION @ SECTION C
SCALE: 1/8" = 1'-0"



3 CROSS BUILDING SECTION @ MEZZANINE
SCALE: 1/8" = 1'-0"

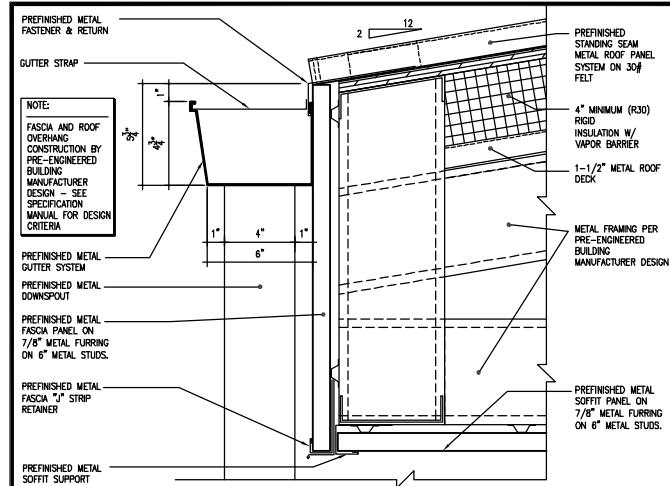


2 CROSS BUILDING SECTION @ SECTION C
SCALE: 1/8" = 1'-0"

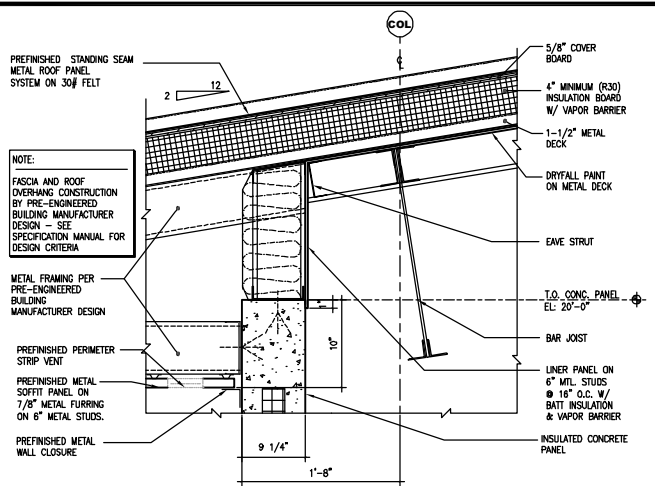
17'-6" CLEAR

PROFILE OF PAINT BOOTH

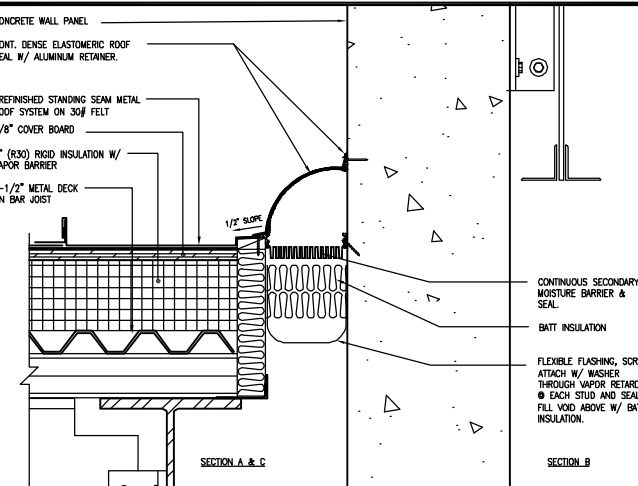
1
MA3.01
SIM. OPP.



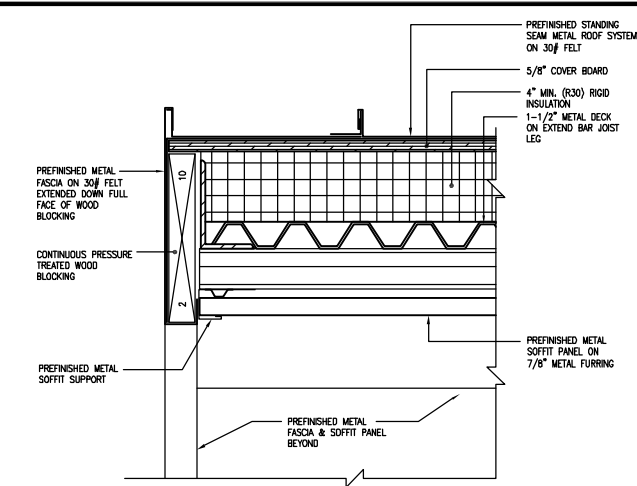
3 TYPICAL EAVE DETAIL @ ROOF OVERHANG
SCALE: 3/4" = 1'-0"



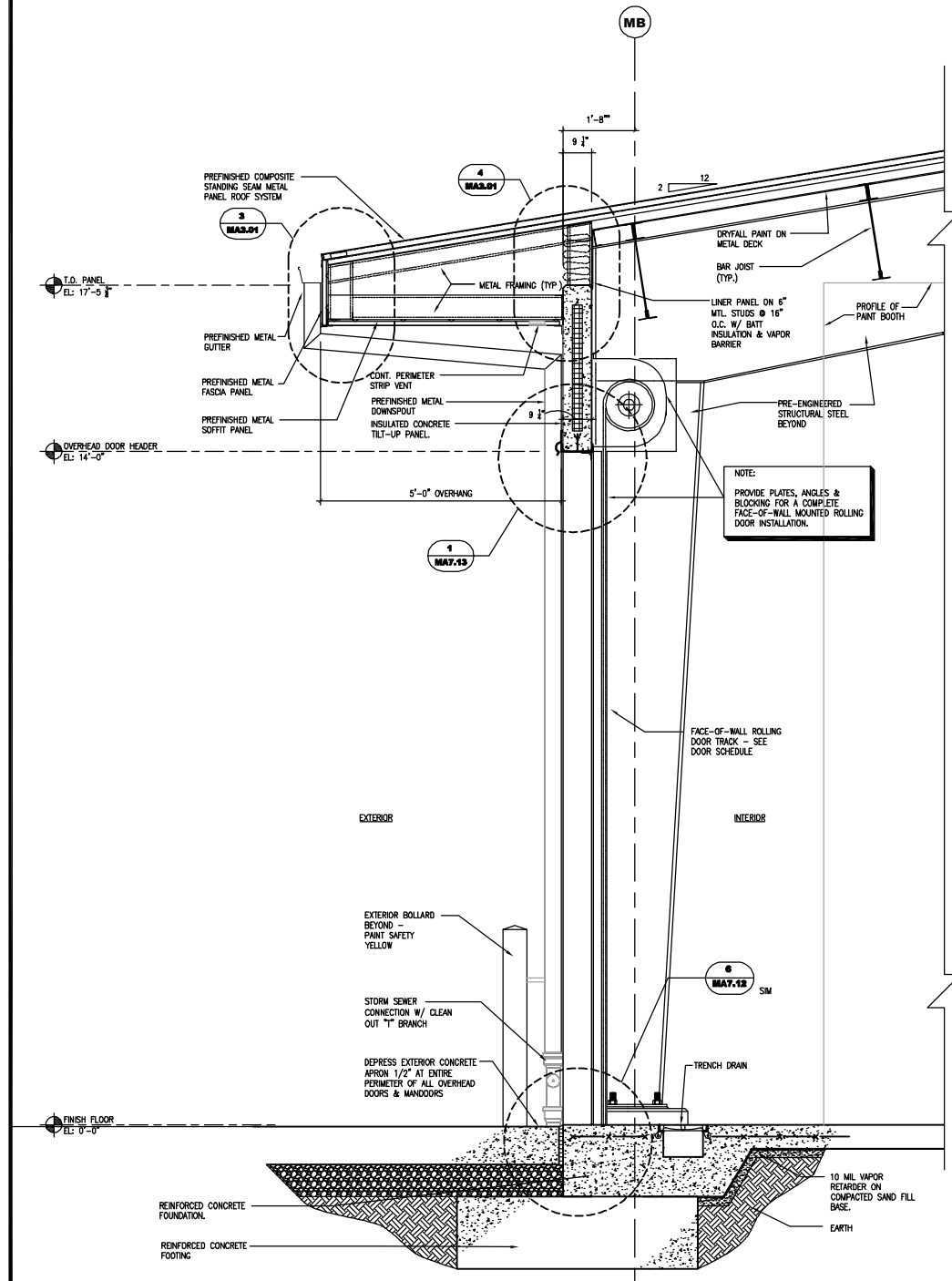
4 TYPICAL WALL DETAIL @ ROOF OVERHANG
SCALE: 1/2" = 1'-0"



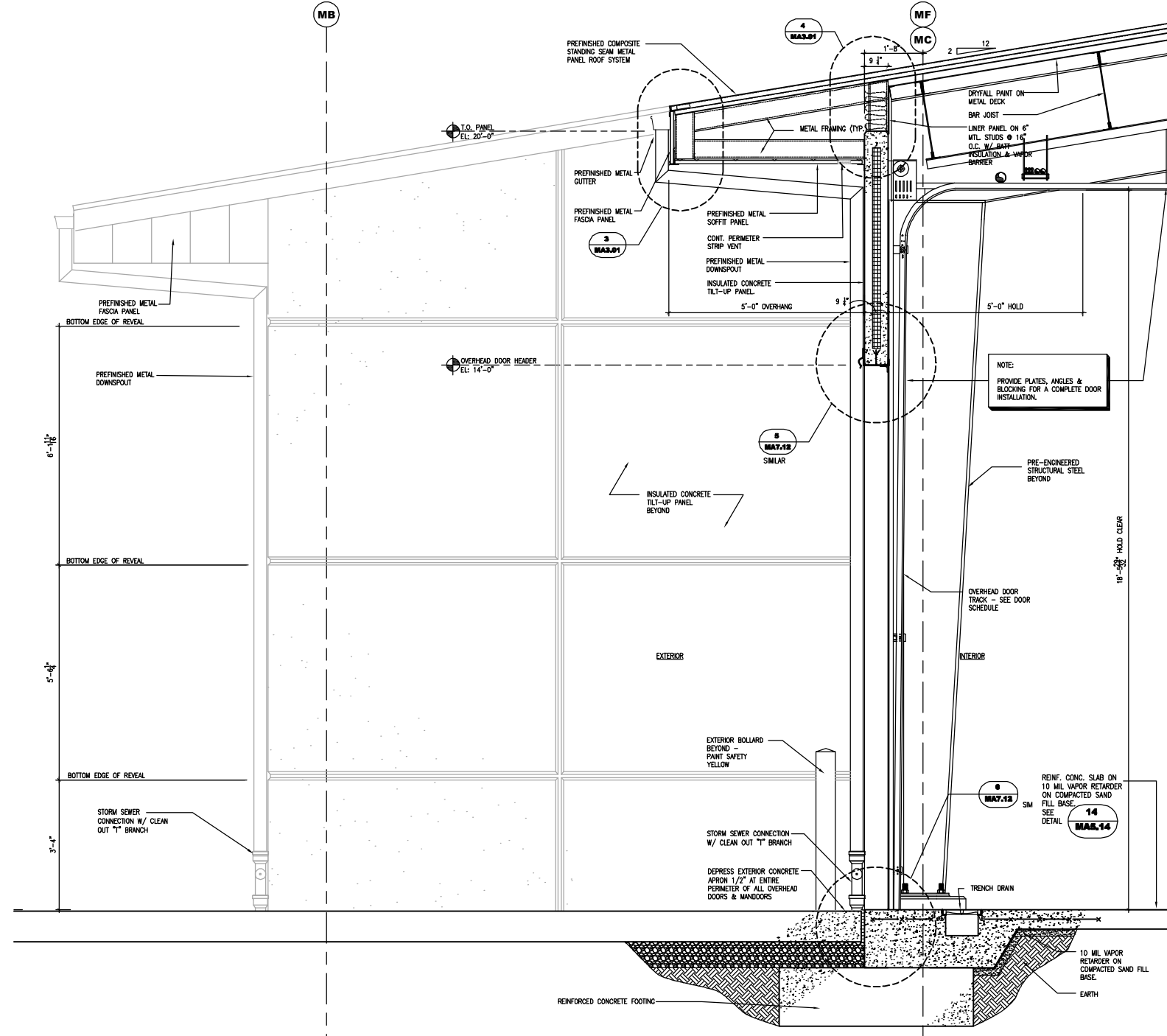
5 ROOF/WALL EXPANSION DETAIL
SCALE: 3/4" = 1'-0"



6 TYPICAL ROOF OVERHANG RAKE DETAIL
SCALE: 3/4" = 1'-0"



1 TYPICAL WALL SECTION @ MAINT. BAYS
SCALE: 3/4" = 1'-0"



2 TYPICAL WALL SECTION @ MAINT. BAYS
SCALE: 3/4" = 1'-0"



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REV DESCRIPTION DATE

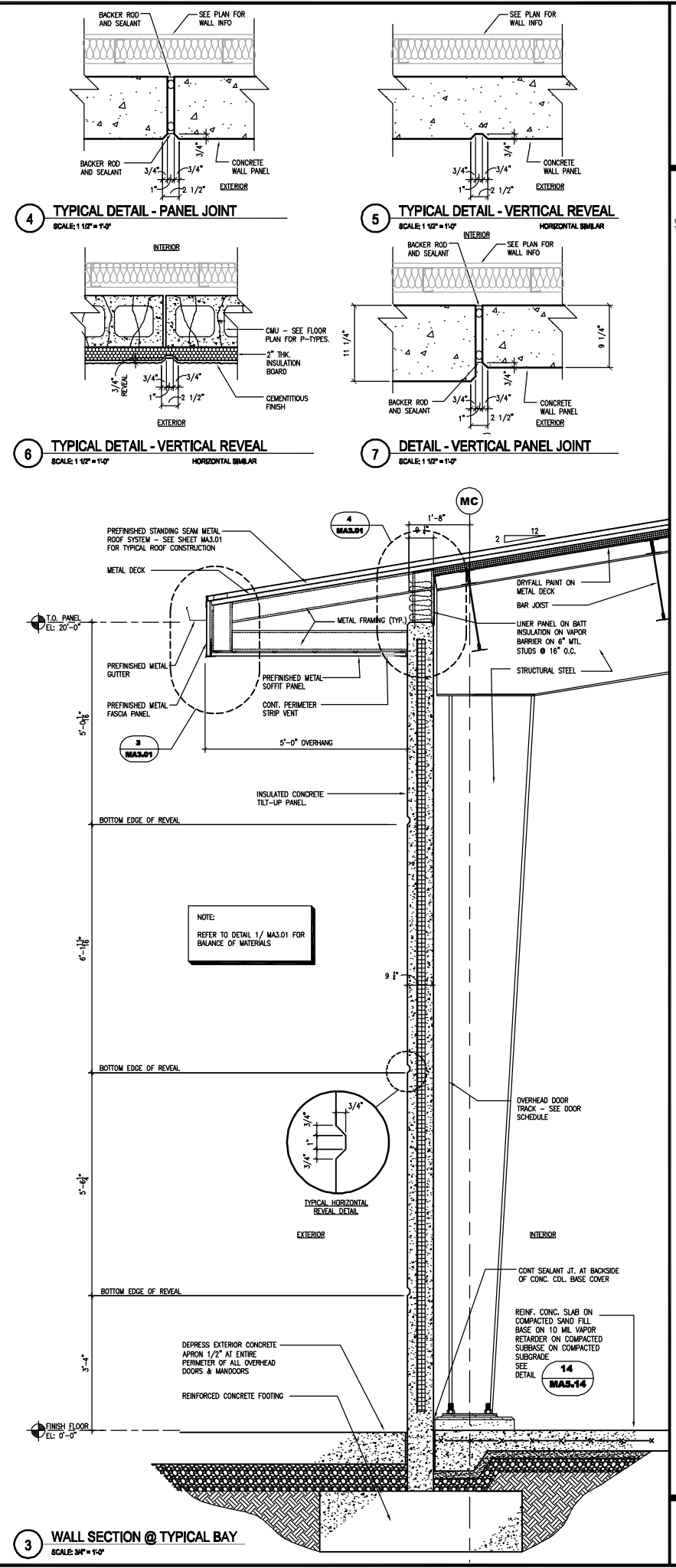
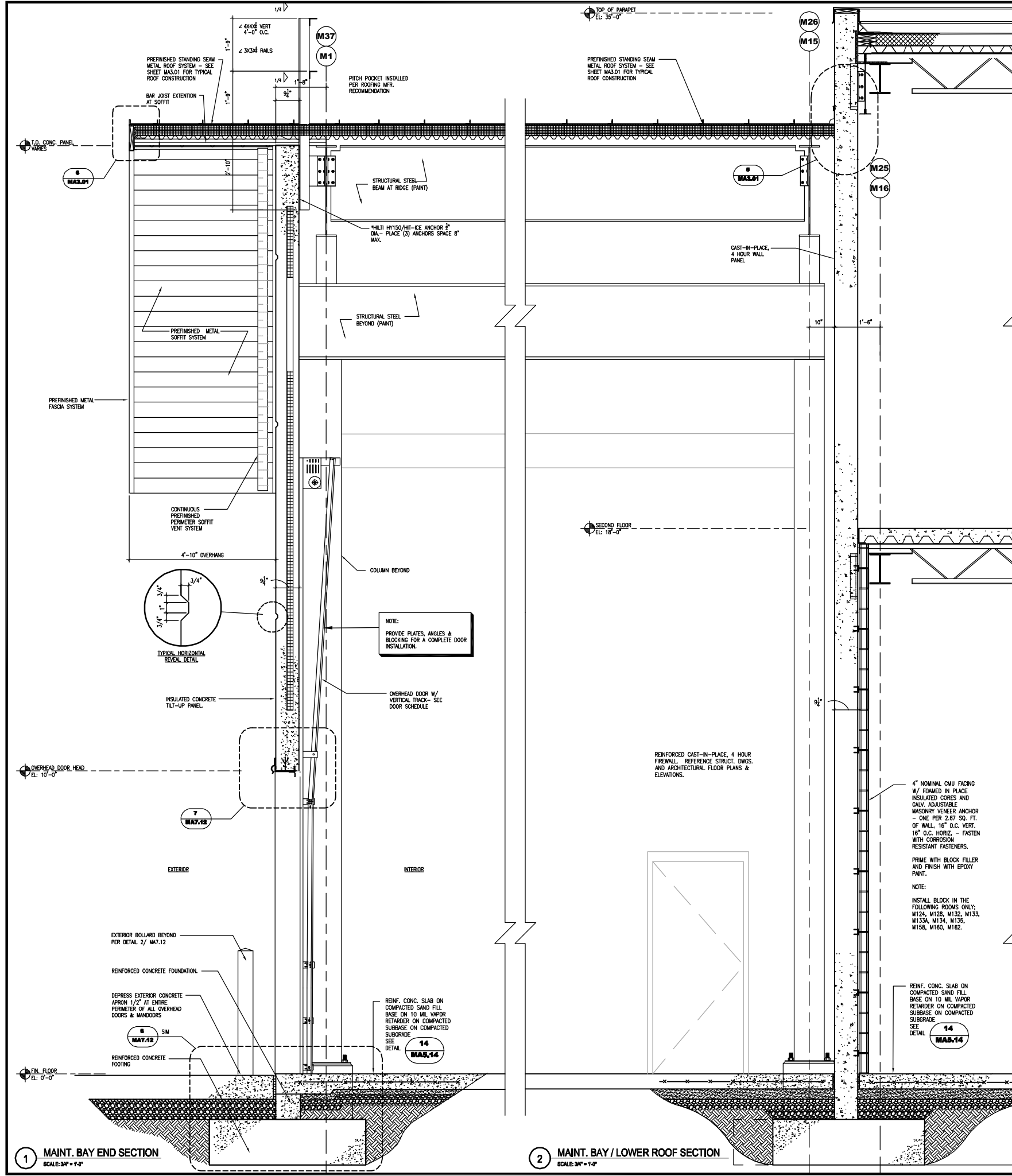
New Administration, Operation and Maintenance Facility for:
PSTA
Pinellas Suncoast Transit Authority
Scherer Drive
Pinellas County, Florida 33771

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DATE OF SEAL
SHEET CONTENT
WALL SECTIONS
DATE
SCALE AS NOTED
DRAWN BY JMB/GMW
CHECKED BY MGC
APPROVED BY MJJ

PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER
SHEET NUMBER **MA3.01**



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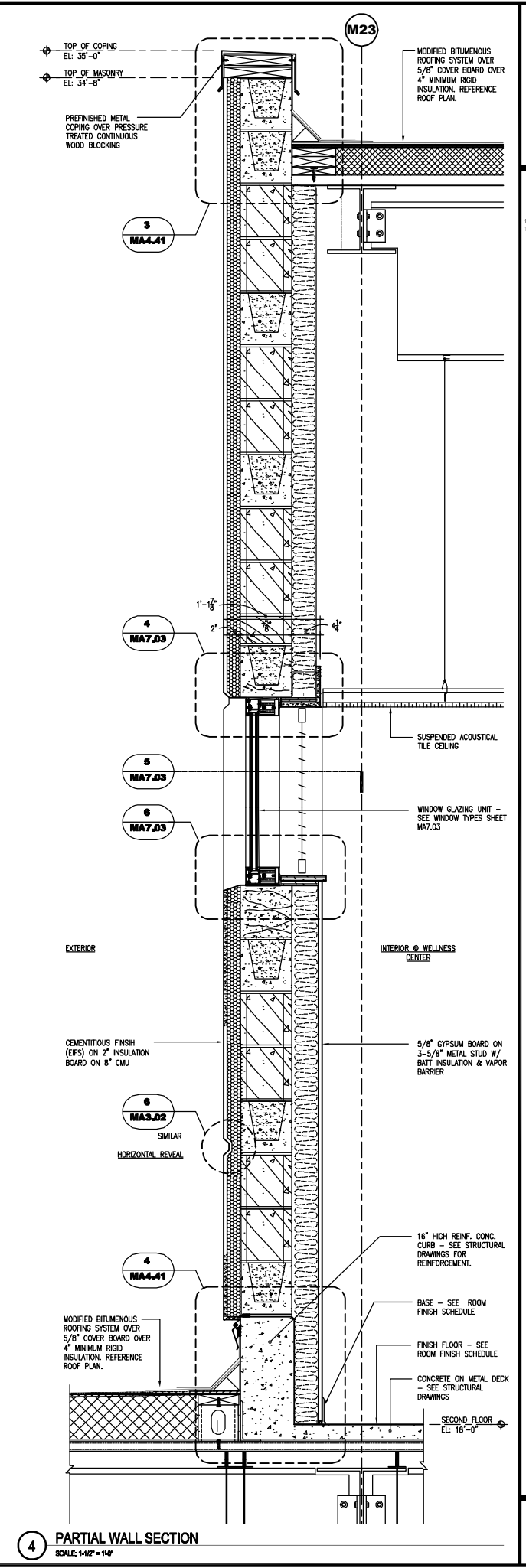
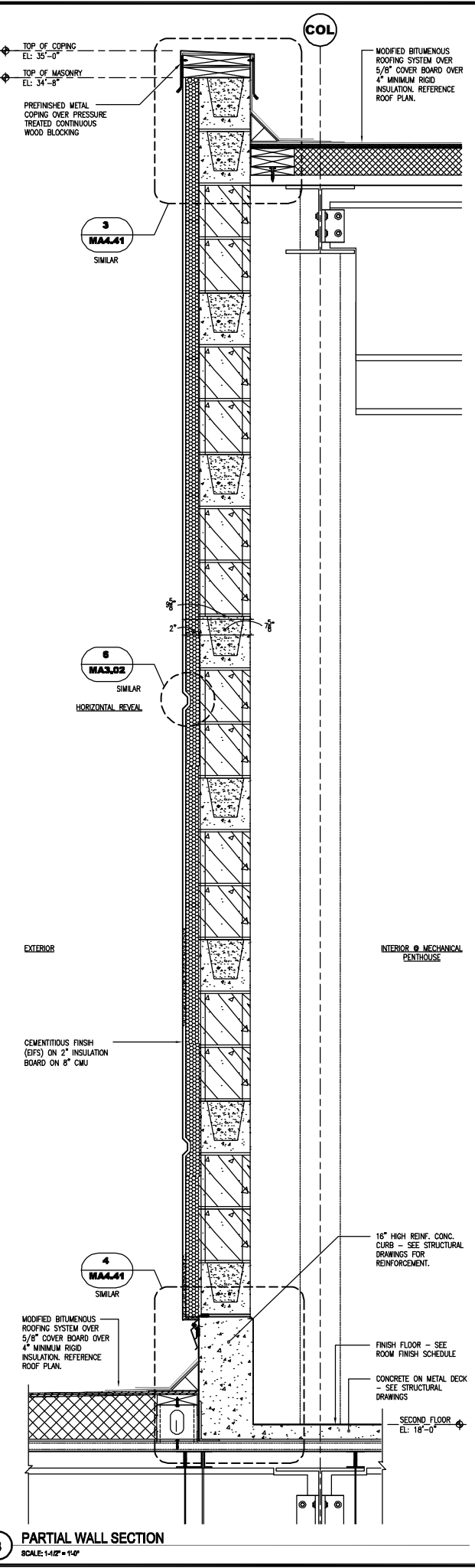
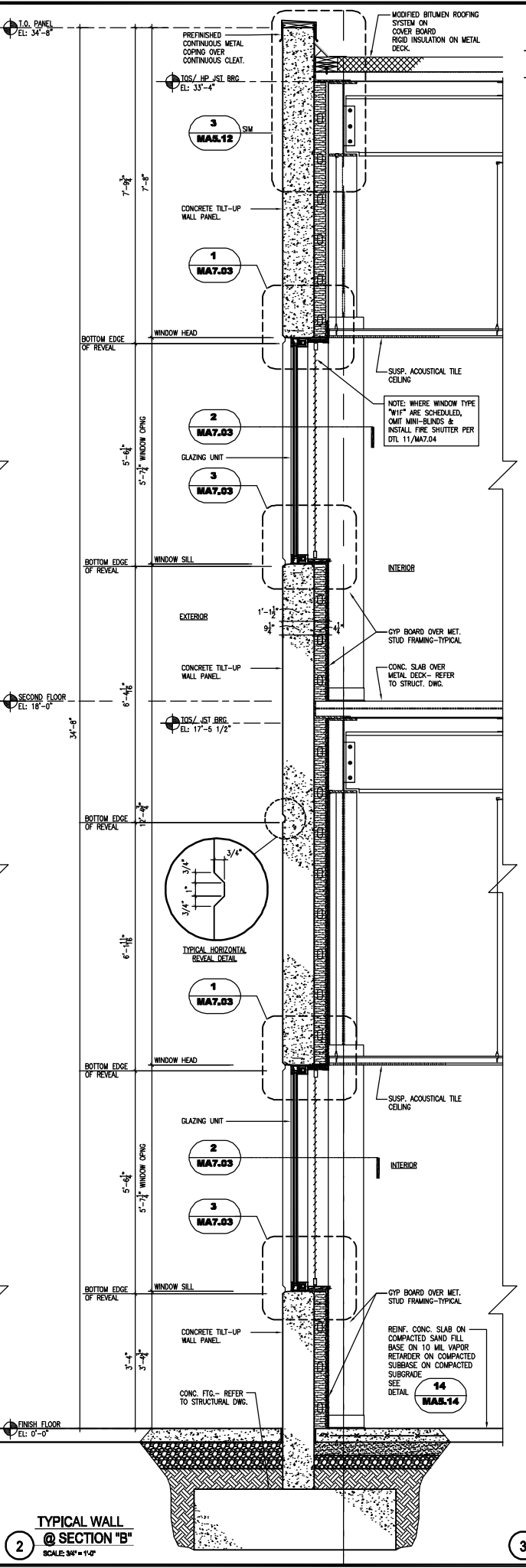
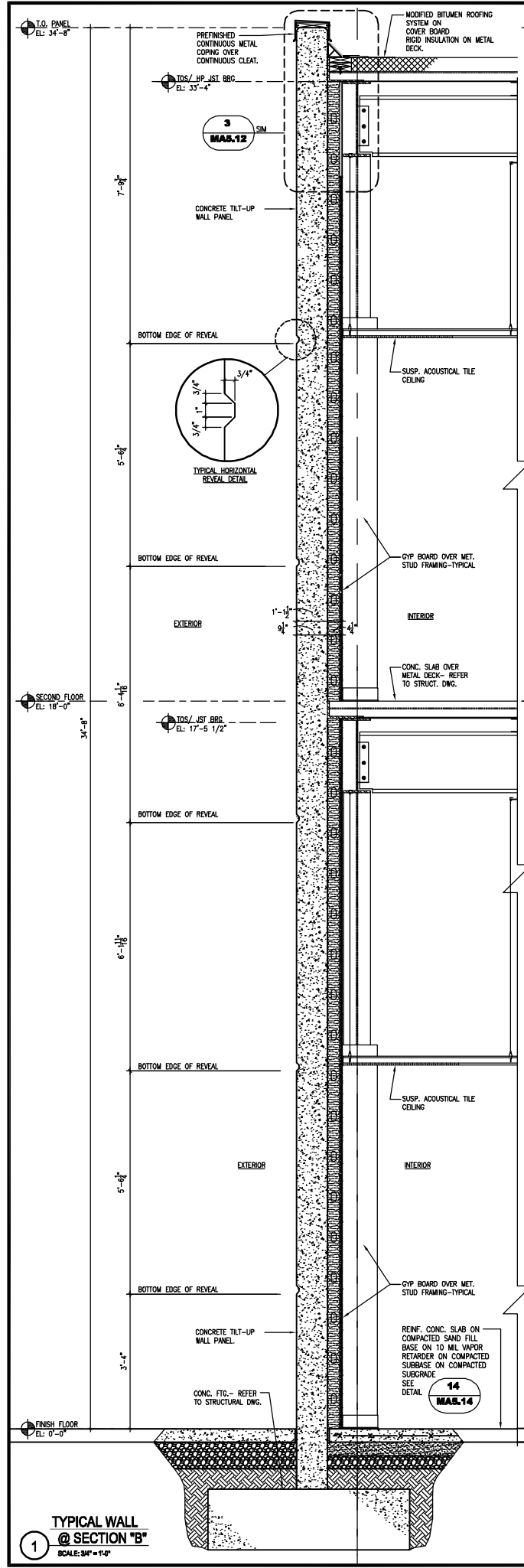
REV	DESCRIPTION	DATE

New Administration, Operation and Maintenance Facility for:
PSTA
Pinellas Suncoast Transit Authority
Scherer Drive
Pinellas County, Florida 33771

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DATE OF SEAL	
SHEET CONTENT	WALL SECTIONS
DATE	
SCALE	AS NOTED
DRAWN BY	GMW
CHECKED BY	MGC
APPROVED BY	TBP
PB PROJECT NUMBER	15550FFD
CLIENT PROJECT NUMBER	
SHEET NUMBER	MA3.02



PB 100 YEARS

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PSA PINELLAS SUNCOAST TRANSIT AUTHORITY

REV	DESCRIPTION	DATE

New Administration, Operation and Maintenance Facility for:

PSA
Pinellas Suncoast Transit Authority
Scherer Drive
Pinellas County, Florida 33771

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DATE OF SEAL

SHEET CONTENT
MAINTENANCE BUILDING WALL SECTIONS

DATE

SCALE AS NOTED

DRAWN BY JMB/GMW

CHECKED BY MGC

APPROVED BY MJP

PB PROJECT NUMBER 15550FFD
CLIENT PROJECT NUMBER

SHEET NUMBER **MA3.03**