

# NEW NORTH COMPLEX TRAILER YARD SHED FOR: CITY OF OCALA

SECTION 03, TOWNSHIP 15S, AND RANGE 22 E  
MARION COUNTY, FLORIDA

BUILDING DATA:	INDEX OF DRAWINGS	ARCHITECTURE LOCATION PLAN
<p>NEW TRAILER YARD SHED</p>	<p><u>ARCHITECTURAL</u></p>	
<p><u>WIND LOADING CRITERIA:</u></p> <p>FGC TABLE 1609.3(1)</p> <p>BASIC WINDSPEED: (140) MPH WIND IMPORTANCE FACTOR: (1) WIND EXPOSURE: (B)</p> <p>APPLICABLE INTERNAL PRESSURE COEFFICIENT: 0.18 FOR ENCLOSED STRUCTURES AND 0.95 FOR COVERED ENTRIES.</p> <p>A+ 5'-6"</p>	<p>A000 COVER, PROJECT INFORMATION</p> <p>SP100 SPECIFICATIONS</p> <p>A100 FOUNDATION PLAN</p> <p>A200 FLOOR &amp; ROOF PLAN</p> <p>A300 EXTERIOR ELEVATIONS &amp; SECTIONS</p> <p>E100 ELECTRICAL PLAN</p>	
<p><u>CODE REFERENCE</u></p> <p>APPLICABLE CODES:</p> <p>ALL WORK SHALL BE IN COMPLIANCE WITH THE FOLLOWING CODES, BUT NOT LIMITED TO:</p> <p>FLORIDA BUILDING CODE (FGC) 8TH EDITION 2023: BUILDING FLORIDA BUILDING CODE (FGC) 8TH EDITION 2023: PLUMBING FLORIDA BUILDING CODE (FGC) 8TH EDITION 2023: MECHANICAL FLORIDA BUILDING CODE (FGC) 8TH EDITION 2023: FUEL GAS FLORIDA BUILDING CODE (FGC) 8TH EDITION 2023: ACCESSIBILITY FLORIDA FIRE PREVENTION CODE 8TH EDITION 2023 FLORIDA BUILDING CODE (FGC) 8TH EDITION 2023: ENERGY CONSERVATION CODE NATIONAL ELECTRIC CODE 2020 NFPA 10 CODE 2020</p> <p>PRIMARY OCCUPANCY (FGC CHAPTER 9): STORAGE - GROUP 5-1 OF 5-2</p> <p>SECONDARY OCCUPANCY (FGC CHAPTER 9): BUSINESS - GROUP B</p> <p>TYPE OF CONSTRUCTION (FGC CHAPTER 6): TYPE II-B (UNPROTECTED &amp; UNSPRINKLERED)</p> <p>RISK CATEGORY (FGC CHAPTER 16 TABLE 1604.5): RISK CATEGORY: II</p>	<p><u>GENERAL NOTES</u></p> <p>ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH ALL GOVERNING NATIONAL, STATE AND LOCAL CODES AND REGULATIONS.</p> <p>PROVIDE CONTINUOUS SEALANT TO PROVIDE "WATER AND AIR-TIGHT" CONDITION AT THE PERIMETER OF THE BUILDING. THIS INCLUDES BUT IS NOT LIMITED TO ALL DOORS AND DOOR FRAMES, INTERIOR AND EXTERIOR WINDOW FRAMES AND COMPONENTS, PLUMBING FIXTURES, TOILET ACCESSORIES (BOTH RECESSED &amp; SURFACE MOUNTED), FIRE EXTINGUISHER CABINETS, FIRE DEPARTMENT VALVE CABINETS.</p> <p>ALTHOUGH EVERY EFFORT HAVE BEEN MADE TO PROVIDE CLEAR AND CONCISE DOCUMENTS, ANY CONFLICTS FOUND SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR HIS CLARIFICATION OR DETERMINATION OF WHICH CONDITION (MATERIAL / CALLOUTS/ OR DETAILS) SHALL GOVERN. IF THE ARCHITECT IS NOT NOTIFIED OF CONFLICTS THEN THE MOST STRINGENT WILL BE USED AS DETERMINED BY THE ARCHITECT.</p> <p>ALL BUILDING ELEMENTS SHALL BE INSTALLED STRAIGHT, LEVEL, PLUMB AND SQUARE. ALL GYPSUM WALL BOARD SHALL BE INSTALLED VERTICALLY W/ NO HORIZONTAL JOINTS.</p> <p>DUE TO MATERIAL TOLERANCES THE GENERAL CONTRACTOR MUST VERIFY ALL DIMENSIONS WITH ACTUAL CONDITIONS ON THE SITE AND REPORT ANY DIFFERENCES TO THE ARCHITECT FOR INTERPRETATION AND RESOLUTION PRIOR TO COMMENCEMENT OF WORK.</p>	
	<p><u>BY OTHERS</u></p> <ol style="list-style-type: none"> <li>COMPONENT &amp; CLADDING - MANUFACTURERS OF DOORS, WINDOWS, AND OTHER CLADDING COMPONENTS PROVIDE STANDARD SIGNED AND SEALED ENGINEERING CERTIFICATION FOR PRODUCT INSTALLATIONS TO MEET LOADS NOTED ON THE FLOOR PLAN.</li> <li>TRUSS SUMMARY NOTES SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE WITH UPLIFT REACTIONS FOR EACH TRUSS AND SPECIFICATION OF EACH HURRICANE ANCHOR. SUBMIT WITH THESE DOCUMENTS FOR PERMITTING.</li> <li>SUBMIT 3 COPIES UPON COMPLETION SIGNED &amp; SEALED FINAL TRUSS ENGINEERING DOCUMENTS WITH CALCULATIONS AND FRAMING PLAN(S) TO THE PERMITTING AUTHORITY. PROVIDE ARCHITECT WITH 2 COPIES OF DOCUMENTS FOR REVIEW &amp; APPROVAL PRIOR TO ISSUING FINAL SETS.</li> <li>MASTER ELECTRICIAN TO PROVIDE DESIGN / BUILD PACKAGE IV PROJECT &amp; MUST VERIFY ALL CONDITIONS &amp; ADD CAPACITY CIRCUITING AS REQUIRED FOR NEW LOADS TO MEET ALL CODES.</li> <li>PLUMBER TO PROVIDE DESIGN / BUILD PACKAGE IV PROJECT &amp; MUST VERIFY ALL CONDITIONS AND MEET ALL CODES.</li> <li>SOIL TESTING SHALL BE COMPLETED AND PROVIDED TO THE ARCHITECT FOR REVIEW PRIOR TO THE START OF ANY WORK.</li> </ol> <p>7. ENGINEERED MTL BUILDING DESIGN SHALL BE PROVIDED TO THE ARCHITECT FOR REVIEW PRIOR TO THE START OF ANY WORK.</p>	

ROLANDO SOSA, ARCHITECT  
FL LICENSE: AR 93664

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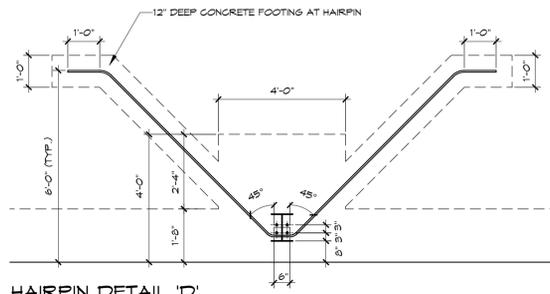
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JP 2427  
sheet no.

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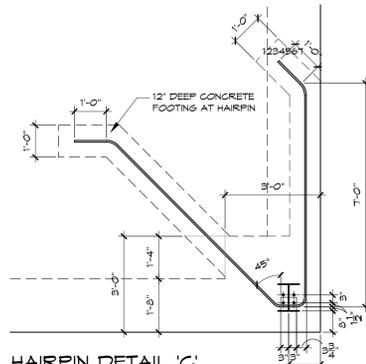
CONSTRUCTION DOCUMENTS





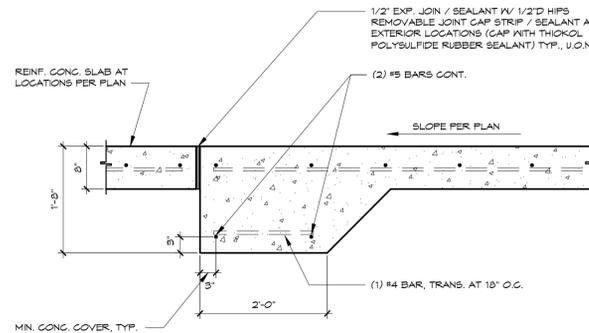
**HAIRPIN DETAIL 'D'**

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



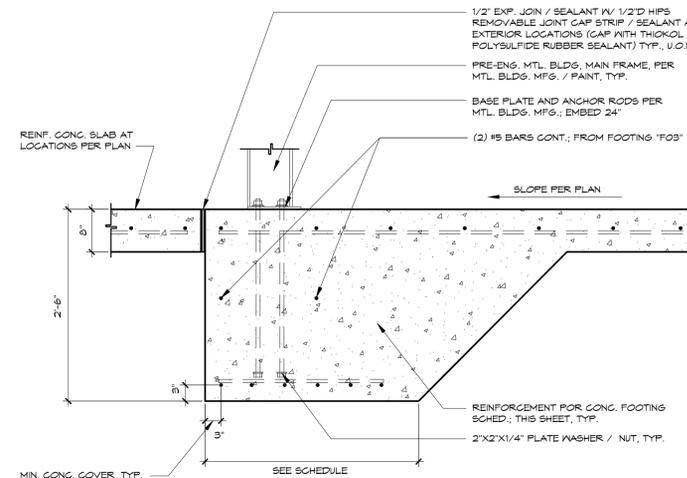
**HAIRPIN DETAIL 'C'**

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



**SECTION / DETAILS - B**

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



**SECTION / DETAILS - A**

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

**FOOTING SCHEDULE**

MARK	SIZE	REINFORCING	NOTES
F01	4'-0" x 4'-0" x 2'-6"	#5 @ BARS AT 6" O.C. EACH WAY	PAD
F02	3'-0" x 3'-0" x 2'-6"	#4 @ BARS AT 6" O.C. EACH WAY	PAD
F03	2'-0" W x 1'-8" D	2 - #5 @ BARS CONTINUOUS	MONOLITHIC EDGE

**NOTES :**

- AWARDED GENERAL CONTRACTOR SHALL PROVIDE SELECTED METAL BUILDING MANUFACTURER WIND LOADING DATA FOR ARCHITECT'S REVIEW PRIOR TO COMMENCEMENT OF WORK. THIS REVIEW IS TO VERIFY FOUNDATION DESIGN. PLEASE NOTE THE POSSIBILITY THAT FOUNDATION REVISIONS MIGHT OCCUR IF MANUFACTURER'S WIND LOAD DATA EXCEED ARCHITECT'S ORIGINAL WIND LOAD CALCULATIONS.

**MINIMUM REQUIRED LAP SPLICES FOR REINFORCING RODS (GRADE 60 STEEL)**

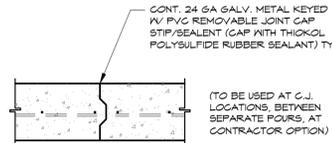
ROD DIA.	LAP / SPLICE	ROD DIA.	LAP / SPLICE	ROD DIA.	LAP / SPLICE
No.3	18"	No.6	36"	No.9	50"
No.4	24"	No.7	42"	No.10	58"
No.5	30"	No.8	60"	No.11	96"

**FOUNDATION NOTES**

- PROVIDE 3,000 PSI CONC. MIN. UNLESS NOTED OTHERWISE
- TOP OF WALL AND COLUMN PAD FOOTINGS SHALL BE SET 12" BELOW THE FINISH GRADE MINIMUM.
- PROVIDE STEEL REINFORCING IV 3" MIN. CONCRETE COVER AT ALL FOOTINGS AND ANY REINFORCED CONCRETE BELOW THE FINISH GRADE.
- FOOTING SHALL BE CENTERED ON LOAD WALL / COLUMN / WALLS / LOADS.
- FOUNDATION DESIGN IS BASED ON ASSUMED SANDY LOAM SOIL CONDITIONS AND A SOIL BEARING CAPACITY OF 2,000 PSF. IF OTHER CONDITIONS SHOULD OCCUR THE OWNER SHALL RETAIN THE SERVICES OF A GEOTECHNICAL ENGINEER TO EVALUATE, TEST AND RECOMMEND FOOTING DESIGNS SUITABLE FOR CONDITIONS FOUND. ARCHITECT SHALL BE NOTIFIED OF SUCH CONDITIONS AND SHALL BE PROVIDED IV COPIES OF ALL RELATED TECHNICAL REPORTS, INCLUDING SOIL TESTING AND PROPOSED FOOTING DESIGN.
- ALL EXTERIOR SLABS TO RECEIVE A BROOM FINISH.
- VERIFY ALL FINISH FLOOR MATERIALS AND LOCATIONS WITH THE OWNER TO ESTABLISH CONDITIONS THAT WILL REQUIRE THE SLAB TO BE DEPRESSED TO PROVIDE A FLUSH TRANSITION BETWEEN FINISH FLOOR MATERIALS. IF THIS CONDITION EXISTS, CONTACT ARCHITECT FOR SLAB REDESIGN.
- SAW-CUT CONTROL JOINTS AND EXPANSION JOINTS SHALL BE LOCATED AS SHOWN. THE GENERAL CONTRACTOR CAN INSTALL ADDITIONAL JOINTS IF REQUIRED TO CONTROL CRACKING OF THE SLAB AND TO ENSURE PROPER SLAB CONSTRUCTION, FLATNESS, LEVELNESS AND DIFFERENTIAL SETTLEMENT.
- FOUNDATIONS SHALL BE VERIFIED AND MAY BE ADJUSTMENT AS PER SELECTED TRUSS MANUFACTURER'S DESIGN. LOAD UPLIFTS PRIOR TO COMMENCEMENT OF WORK AND TRUSS GIRDER LOADING POINTS AND ADDITIONAL BEARING WALLS MAY BE REQUIRED. IF TRUSS DESIGN IS CHANGED BY MANUFACTURER:
  - VERIFY LOADING POINTS FROM THE TRUSS MANUFACTURER AND FROM THE FINAL TRUSS LAYOUT, PRIOR TO CONSTRUCTION.
  - PROVIDE ADDITIONAL BEARING WALLS, COLUMNS, AND MONOLITHIC OR STRIP TYPE FOOTINGS AND /OR COLUMN PADS AS REQUIRED TO MEET LOADING CONDITIONS AND APPLICABLE BUILDING CODES.
- PROVIDE A/C PIPE CHASES AS REQUIRED FOR EACH A/C CONDITIONING UNIT. VERIFY LOCATION WITH A/C CONTRACTOR.
- PROVIDE SLAB SLOPE TO FLOOR DRAIN (IF APPLICABLE) TO EXTERIOR OF BUILDINGS 4 OR AWAY FROM BUILDING IF EXTERIOR SLAB.
- CONTRACTOR TO SECURE SOILS TESTING PRIOR TO COMMENCEMENT OF WORK AND TO PROVIDE ARCHITECT A COPY OF REPORT FOR REVIEW AND RECOMMENDATION.
- CONTRACTOR TO VERIFY ALL CURRENT SITE CONDITIONS WITH SITE DOCUMENTS BY OTHERS AS WELL AS FINISHED FLOOR REQUIREMENTS AND CUT AND FILL OF SITE AS TO PROVIDE A STABLE AND SECURE HIGH AND DRY RESIDENCE.
- VERIFY FLOOR DRAIN LOCATIONS IV PLUMBING PLANS 4 PROVIDED POSITIVE SLOPE TO ALL DRAINS.

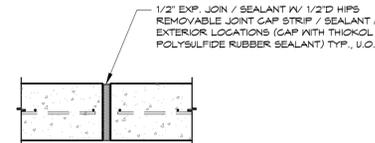
THE ARCHITECT'S PLANS AND DESIGNS INCLUDE CERTAIN BEARING CONDITIONS THAT MUST BE USED BY THE TRUSS COMPANIES ENGINEERS FOR BEARING. ANY CHANGES OR DEVIATION MUST BE BROUGHT TO THE ARCHITECT'S ATTENTION IN WRITING FOR CONFIRMATION AND POSSIBLE REDESIGN. ANY REDESIGN OF THE ARCHITECT'S PLANS MAY REQUIRE ADDITION COST TO BE BORNE BY THE PERSON/FIRM CHANGING THE DESIGN.

NO PLUMBING/CHASE PIPES ARE ALLOWED TO BE INSTALLED WITHIN ANY FOOTINGS WITHOUT WRITTEN PERMISSION OF THE ARCHITECT.



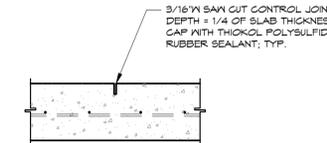
**KEYED CONTROL JOINT DETAIL (K.J.)**

NOT TO SCALE



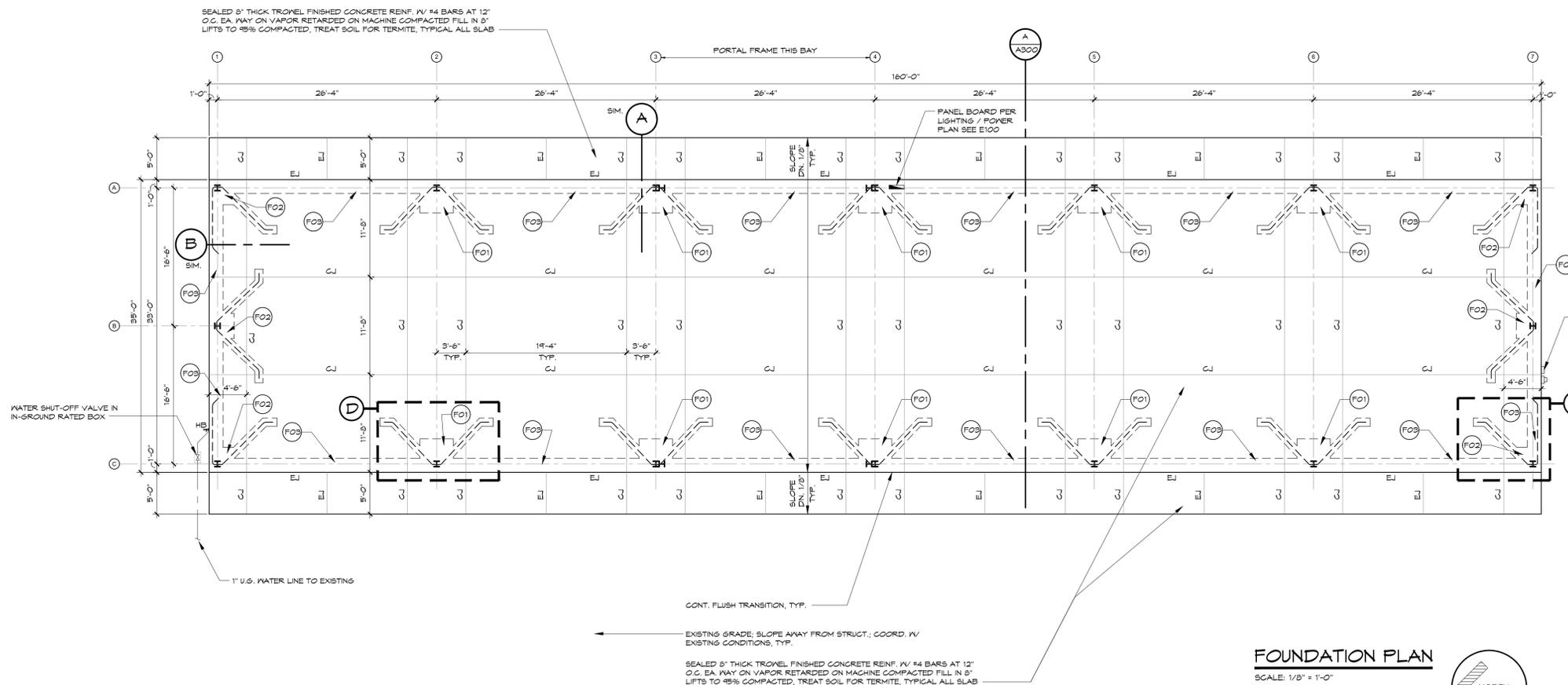
**EXPANSION JOINT DETAIL (E.J.)**

NOT TO SCALE



**SAW CUT JOINT DETAIL (C.J.)**

NOT TO SCALE

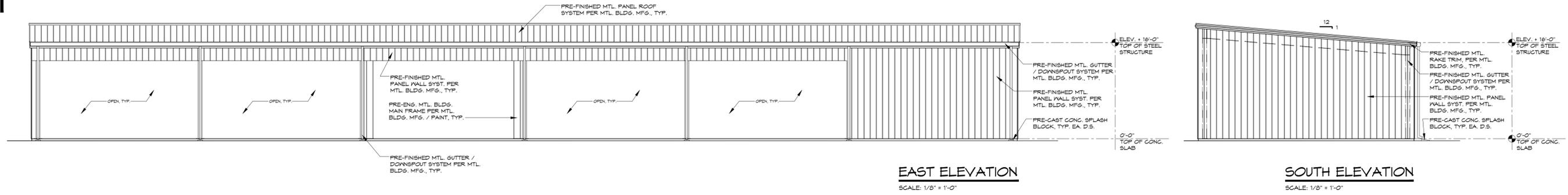


**FOUNDATION PLAN**

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

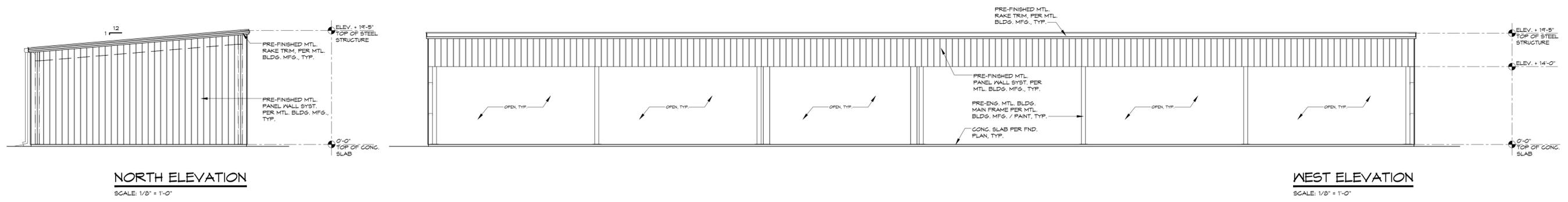






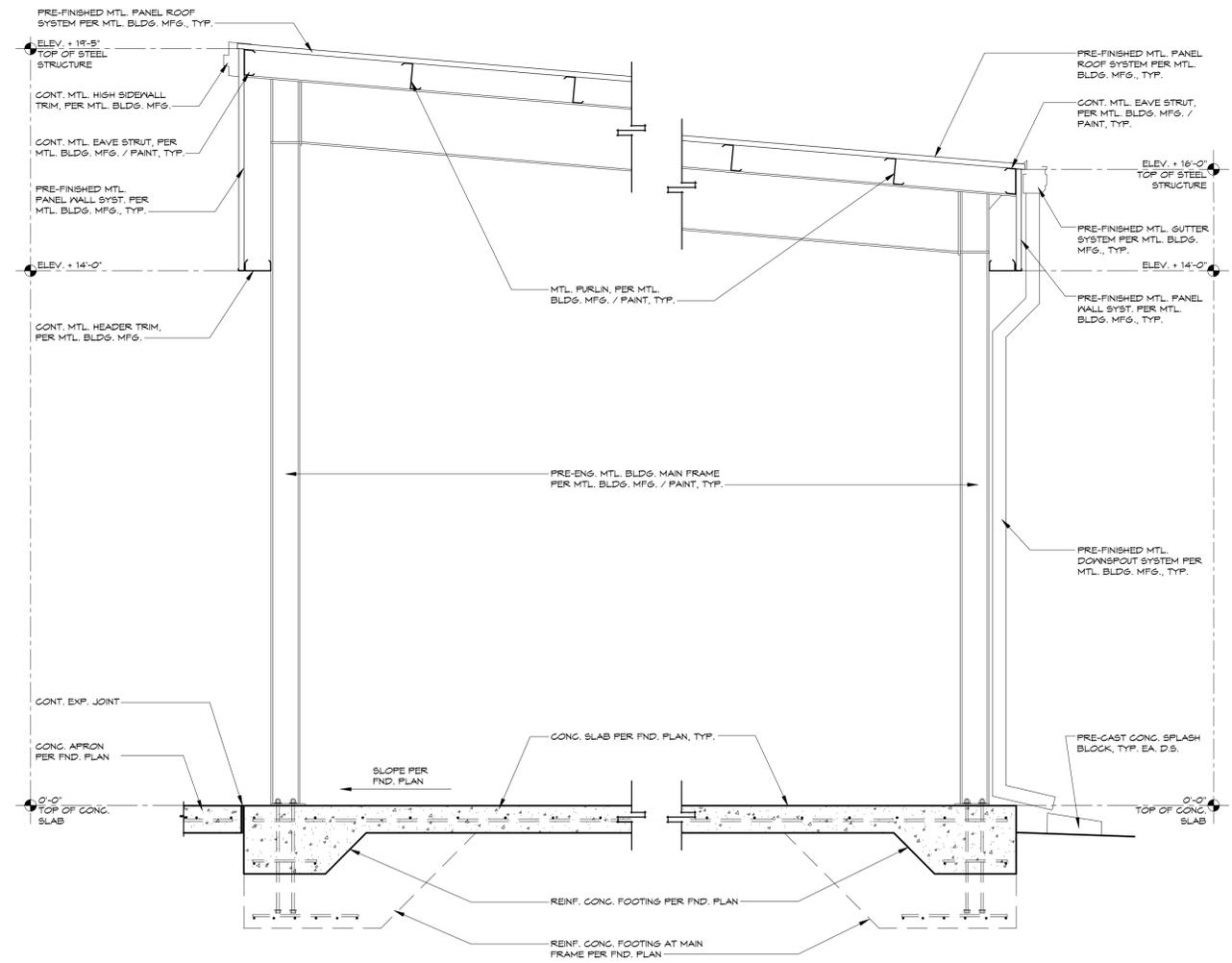
**EAST ELEVATION**  
SCALE: 1/8" = 1'-0"

**SOUTH ELEVATION**  
SCALE: 1/8" = 1'-0"



**NORTH ELEVATION**  
SCALE: 1/8" = 1'-0"

**WEST ELEVATION**  
SCALE: 1/8" = 1'-0"



**SECTION - A**  
SCALE: 1/8" = 1'-0"

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sosa@sosarchitect.com / www.sosarchitect.com  
p: (352) 620-0944 florida license: aa26002579

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**GENERAL NOTES**

COORDINATE ALL LOCATIONS OF LIGHTING FIXTURES WITH ARCHITECTURAL DRAWINGS.

FIXTURE WHIPS SHALL BE ASSEMBLED WITH 1/2" FLEXIBLE CONDUIT AND SHALL BE SUFFICIENT LENGTH TO ALLOW RELOCATION OF ANY TYPE L1 LIGHT FIXTURE A MINIMUM OF ONE TILE IN ANY DIRECTION.

ALL EXPOSED CONDUIT SHALL BE LOCATED WITHIN JOIST SPACE AREA OR ATTACHED DIRECTLY TO JOIST. CONDUIT SHALL NOT BE SUSPENDED FROM STRUCTURE.

ALL SWITCHES SHALL BE LOCATED AT 48" A.F.F. UNLESS OTHERWISE NOTED

ALL RECEPTACLES SHALL BE LOCATED AT 12" A.F.F. UNLESS OTHERWISE NOTED

THE CONTRACTOR SHALL FURNISH AND INSTALL COMPLETE IN ALL RESPECTS ALL LIGHTING FIXTURES AS SELECTED BY OWNER OR SHOWN ON THE PLANS.

THE CONTRACTOR SHALL SUBMIT CATALOG CUTS OF ALL THE FIXTURES TO THE ARCHITECT.

ALL FIXTURES SHALL BE PROPERLY AND CAREFULLY SUPPORTED AND ALIGNED, AND THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY STEEL SHAPES, ETC., FOR SUPPORT OF FIXTURES AS REQUIRED AND DETAILED ON THE DRAWINGS. PROVIDE JUNCTION BOX STEM MOUNTED FROM DECK TO SUPPORT ALL CEILING MOUNTED EXIT LIGHTS.

LIGHTING FIXTURES SHALL BE CLEAN AND LAMPED WITH NEW LAMPS AT THE TIME OF FINAL INSPECTION.

**ELECTRICAL NOTES:**

- ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND SHALL ALSO COMPLY WITH ALL APPLICABLE RULES AND REGULATIONS OF LOCAL AND STATE LAWS AND ORDINANCES.
- ELECTRICAL CONTRACTOR SHALL ARRANGE FOR ALL NECESSARY PERMITS, LICENSES, UTILITY COORDINATION, AND INSPECTIONS AS REQUIRED BY THE CITY, COUNTY, OR UTILITY COMPANY. OWNER WILL PAY FEES. CONTRACTOR IS RESPONSIBLE FOR ALL EQUIPMENT REQUIRED BY UTILITY COMPANY AND SHOULD INCLUDE NECESSARY COSTS IN BID.
- MASTER ELECTRICIAN TO PROVIDE POWER RISER DIAGRAM AND PANEL CIRCUITING AND SCHEDULES.
- CONTRACTOR SHALL MAINTAIN A MINIMUM OF 24" SEPARATION BETWEEN OUTLETS IN ANY FIRE RATED PARTITION. CONTRACTOR SHALL NOT PENETRATE 4-HOUR OR ANY TENANT DEMISING WALL.

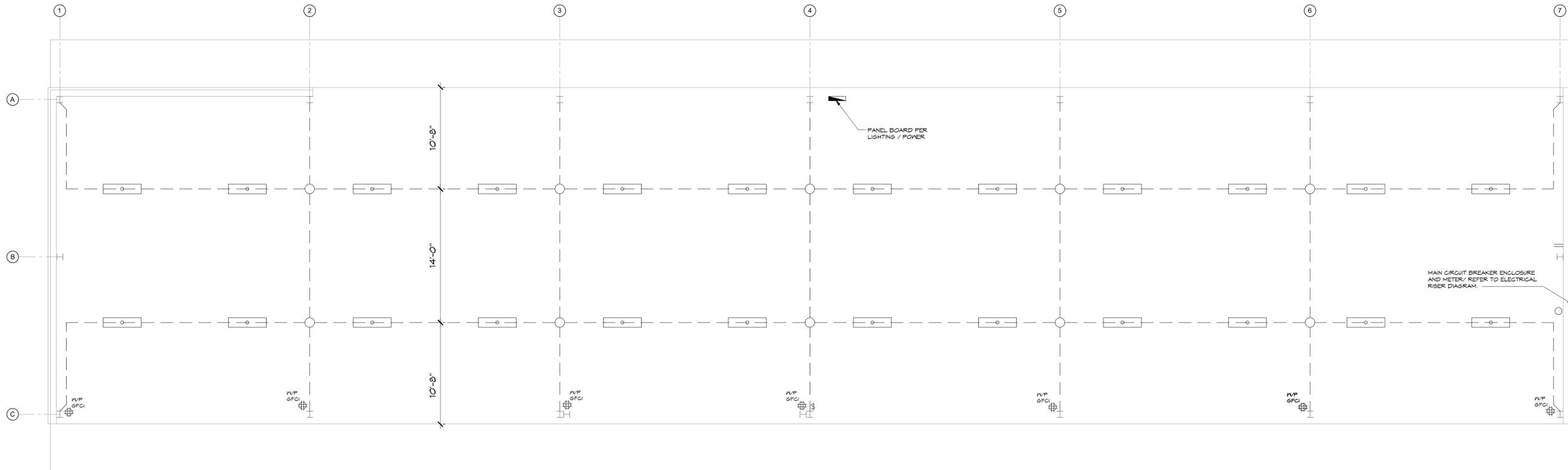
**OUTLET BOXES / DEVICES:**

- COORDINATE DEVICE AND COVER PLATE COLORS WITH ARCHITECT.
- ALL OUTLET BOXES SHALL BE RIGIDLY MOUNTED AND SHALL BE EQUIPPED WITH SUITABLE SCREEN FASTENED COVERS. OPEN KNOCKOUTS OR HOLES IN BOXES SHALL BE PLUGGED WITH SUITABLE BLANKING DEVICE.
- OUTLET BOXES LOCATED ABOVE CEILING SHALL BE LEGIBLY IDENTIFIED WITH BRANCH CIRCUIT NUMBER OF CIRCUIT TERMINATED WITHIN BY MEANS OF BLACK PERMANENT MARKER.

**GROUNDING:**

- THE INTERIOR ELECTRICAL SYSTEM SHALL BE COMPLETELY AND EFFECTIVELY GROUNDED AS REQUIRED BY NATIONAL ELECTRICAL CODE.

LEGEND	
1. TYPICAL LEGEND; ALL SYMBOLS MAY NOT APPLY	
2. ALL FIXTURES SHALL BE SELECTED BY OWNER	
3. PROVIDE EXTERIOR RATED FIXTURES AT ALL EXTERIOR LOCATIONS.	
	WEATHERPROOF QUAD RECEPTACLE - 110V - 1V GROUND FAULT CIRCUIT INTERRUPTER
	PANEL
	METER
	EXPOSED CONDUIT
	TIC MARKS INDICATES NUMBERS OF CONDUCTORS, LONG - INDICATE NEUTRAL, SHORT - INDICATES HOT OR UN-SWITCHED PROVIDED GREEN GROUND CONDUCTOR IN ALL CONDUIT.
	125V 20A, SINGLE POLE THROW HEAVY DUTY TOGGLE SWITCH
	LED SURFACE MOUNTED LIGHT FIXTURE



**LIGHTING / POWER PLAN**  
SCALE: 3/16" = 1'-0"



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