

MISCELLANEOUS

1. THESE ABBREVIATED DRAWING (NOTES)(SPECIFICATIONS) ARE WRITTEN TO MATCH THE BOOK SPECIFICATIONS. IF THERE ARE ANY ITEMS THAT DO NOT CORRESPOND EXACTLY AS WRITTEN, THE MORE STRINGENT WILL TAKE PRECEDENCE.
2. THE STRUCTURAL SYSTEM IS UNSTABLE UNTIL ALL CONNECTIONS HAVE BEEN MADE AND ALL CONCRETE HAS REACHED ITS MINIMUM DESIGN STRENGTH, AS SHOWN IN THE STRUCTURAL DOCUMENTS.
3. CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION TO ENSURE THE SAFETY OF THE BUILDING UNTIL STRUCTURAL SYSTEM IS COMPLETED. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF WHATEVER TEMPORARY BRACING, SHORING, GUYS OR TIE-DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
4. CONTRACTOR TO SUPPORT, BRACE AND SECURE EXISTING STRUCTURE AS REQUIRED. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SAFETY OF THE BUILDING DURING CONSTRUCTION.
5. APPLICABLE BUILDING CODE: 8<sup>TH</sup> EDITION (2023) FLORIDA BUILDING CODE.
6. GRAVITY DESIGN LOADS:

AREA	SUPERIMPOSED LIVE LOAD	TOTAL DEAD LOAD
BATHHOUSE	40 PSF	S.W. + 5 PSF

7. WIND DESIGN CRITERIA:

ULTIMATE WIND SPEED:  $V_{ULT} = 146$  MPH (3 SECOND GUST)  
EQUIVALENT NOMINAL BASIC WIND SPEED  $V_{ASD} = 113$  MPH (3 SECOND GUST)  
RISK CATEGORY = II  
EXPOSURE CATEGORY = D  
ENCLOSED BUILDING INTERNAL PRESSURE COEFFICIENT,  $GC_{PI} = +/-0.18$   
ENCLOSED BUILDING TORNADO INTERNAL PRESSURE COEFFICIENT,  $GC_{PIIT} = +.55/- .18$   
WIND BORNE DEBRIS REGION
8. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REFERENCED BUILDING CODE.
9. COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. DO NOT SCALE DRAWINGS.
10. CONTACT ENGINEER WITH ANY QUESTIONS OR DISCREPANCIES FOUND ON DRAWINGS.
11. BUILDING EXPANSION JOINTS (EJ), WHERE SHOWN, WILL EXPAND AND CONTRACT OVER THE LIFE OF THE BUILDING. JOINT SEALANTS AND COVERS MUST ACCOMMODATE THIS MOVEMENT.
12. SECTIONS AND DETAILS ARE REFERENCED IN TYPICAL LOCATIONS BUT ALSO APPLY TO ALL OTHER SIMILAR CONDITIONS.
13. CONTRACTOR TO VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS, AND CONDITIONS PRIOR TO BEGINNING CONSTRUCTION.
14. SUBMIT SHOP DRAWINGS AS REQUIRED HEREIN. ALLOW FOR TWO WEEKS REVIEW TIME AFTER RECEIPT OF SUBMITTALS BY THIS FIRM. ALL SUBMITTALS SHALL BE CHECKED AND SIGNED BY THE GENERAL CONTRACTOR AND SIGNED/SEALED BY THE DELEGATED ENGINEER, WHERE SPECIFIED HEREIN.
15. CONTRACTOR SHALL NOT BE RELIEVED FROM RESPONSIBILITY FOR ERRORS OR OMISSIONS IN SHOP DRAWINGS OR MIX DESIGNS BY THE ENGINEER'S REVIEW THEREOF.
16. ANY CHANGES TO THE STRUCTURE SHALL HAVE BEEN REVIEWED AND APPROVED IN WRITING BY THE ENGINEER PRIOR TO COMMENCING WORK ON ITEMS AFFECTED.
17. CONTRACTOR SHALL NOTIFY THIS OFFICE WHEN THE STRUCTURAL SYSTEM IS SUBSTANTIALLY COMPLETED, AND BEFORE SHEATHING, CEILINGS, OR ROOFING IS INSTALLED.

EXISTING BUILDINGS

INFORMATION ON THE EXISTING BUILDING, SHOWN ON THESE PLANS, IS OBTAINED FROM EXISTING BUILDING PLANS BY CAMP DRESSER & MCKEE INC.\-, DATED 9-21-1994. EXISTING INFORMATION DOES NOT NECESSARILY REFLECT AS-BUILT CONDITIONS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION SHOWN ON THESE PLANS AND NOTIFY THE ENGINEER OF ANY VARIATION.

DRILL-IN BOLTS, SCREWS AND DOWELS

1. ADHESIVE DOWELING RODS/BOLTS SHALL BE CARBON STEEL THREADED ROD CONFORMING TO ISO 898 5.8 WITH A MINIMUM TENSILE STRENGTH OF 72.5 KSI (500MPA) AND A MINIMUM YIELD OF 58 KSI (400MPA). THREADED RODS WITH NUTS AND WASHERS INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
2. ANCHORING ADHESIVE SHALL BE A TWO-COMPONENT SYSTEM SUPPLIED IN MANUFACTURER'S STANDARD SIDE-BY-SIDE FOIL PACKAGE AND DISPENSED THROUGH A STATIC-MIXING NOZZLE SUPPLIED BY THE MANUFACTURER. ADHESIVE SHALL BE TESTED AND APPROVED TO MEET THE MINIMUM REQUIREMENTS OF ACI 308.4 FOR CRACKED AND UNCRACKED CONCRETE RECOGNITION. PROVIDE HILTI HY 200 SAFE SET (ESR 3187) OR RE ISO V3 (ESR 3814) ANCHORS BY HILTI OR EQUAL (E.G. SIMPSON SET-3G, ATC ULTRABOND 365CC)UNLESS SPECIFIED OTHERWISE IN THE STRUCTURAL DOCUMENT.

3. DRILL-IN REBAR DOWELS SHALL BE SET USING A TWO-PART ADHESIVE AS DESCRIBED ABOVE.
4. EXPANSION BOLTS SHALL BE HILTI KB TZ (ESR 1917) OR EQUAL. BOLT SHALL MEET DUCTILITY REQUIREMENTS OF ACI 318 SECTION D1.
5. EXPANSION BOLTS SHALL HAVE CARBON STEEL ANCHOR BODY AND NUT AND WASHER SHALL BE ELECTROPLATED ZINC COATING CONFORMING TO ASTM B633 TO A MINIMUM OF 5μm. THE STAINLESS STEEL ANCHOR BODY, NUT AND WASHER, AND EXPANSION SLEEVE SHALL CONFORM TO TYPE 316 STAINLESS STEEL. EXPANSION ANCHORS SHALL MEET THE MINIMUM REQUIREMENTS OF ACI 308.2 FOR CRACKED AND UNCRACKED CONCRETE. INSTALL IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
6. MASONRY SCREWS SHALL BE 1/4" DIAMETER WITH 1-5/8" MINIMUM EMBEDMENT INSTALLED IN DRILLED HOLES USING AN APPROPRIATE BIT DIAMETER.
7. SCREWS SHALL HAVE A BODY MADE OF CARBON STEEL AND SHALL BE HEAT TREATED AND SHALL HAVE 8μm ZINC COATING IN ACORDANCE WITH EN ISO 4042. PROVIDE HUS EZ (ESR 3027) SCREWS BY HILTI OR EQUAL.
8. HEAVY-DUTY CONCRETE AND MASONRY SCREWS SHALL BE TESTED AND APPROVED TO MEET THE MINIMUM REQUIREMENTS OF ACI 308.2. HILTI KWICK HUS EZ (ESR-3027 FOR CONCRETE, ESR-3056 FOR GROUT FILLED MASONRY). HEAVY DUTY SCREWS BY HILTI OR EQUAL.
9. THE CONTRACTOR SHALL ARRANGE FOR AN ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ONSITE INSTALLATION TRAINING FOR ALL OF THE ANCHORING PRODUCTS SPECIFIED. PENNONI TO RECEIVE DOCUMENTED CONFIRMATION THAT ALL OF THE CONTRACTOR'S PERSONNEL WHO ARE TO INSTALL ANCHORS ARE TRAINED PRIOR TO THE COMMENCEMENT OF INSTALLATION.

GROSS ULTIMATE WIND LOADS MAIN ROOF ROOFING MATERIALS			
COMPONENTS AND CLADDING	ROOF ZONE		
	1	2	3
PRESSURE (psf)	43.6	43.6	43.6
SUCTION (psf)	-19.6	-105	-113

NET ULTIMATE WIND LOADS MAIN ROOF JOISTS OR TRUSSES			
COMPONENTS AND CLADDING	ROOF ZONE		
	1	2	3
PRESSURE (psf)	23.8	23.8	23.8
SUCTION (psf)	-47.2	-55.1	-58.4

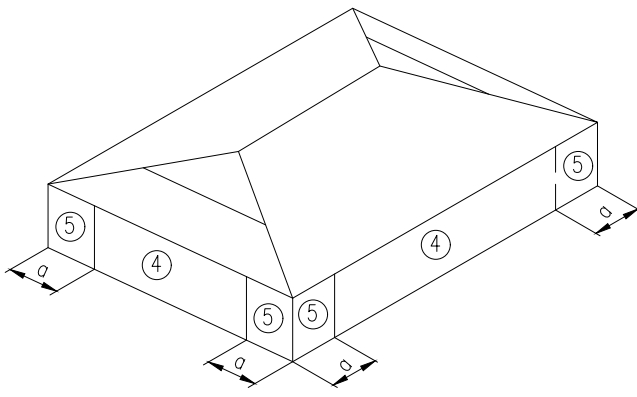
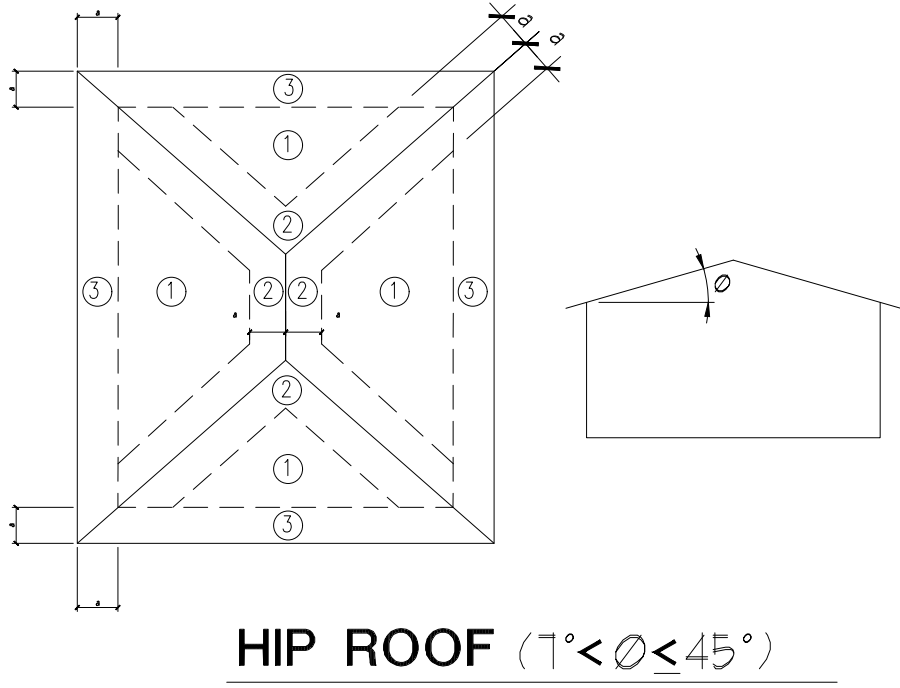
GROSS ULTIMATE WIND LOADS OVERHANGS AND CANOPIES ROOFING MATERIALS			
COMPONENTS AND CLADDING	ROOF ZONE		
	1	2	3
PRESSURE (psf)	43.6	43.6	43.6
SUCTION (psf)	-15.9	-15.9	-15.9

NET ULTIMATE WIND LOADS OVERHANGS AND CANOPIES JOISTS OR TRUSSES			
COMPONENTS AND CLADDING	ROOF ZONE		
	1	2	3
PRESSURE (psf)	23.8	23.8	23.8
SUCTION (psf)	-89.2	-89.2	-89.2

ULTIMATE WIND PRESSURES ( PSF) EXTERIOR DOORS, WINDOWS, WALLS				
EFFECTIVE AREA (ft <sup>2</sup> )	ZONE 4		ZONE 5	
	PRESSURE	SUCTION	PRESSURE	SUCTION
1 TO 20	58.4	-63.4	58.4	-18.3
21 TO 50	55.6	-60.6	55.6	-12.6
51 TO 100	52.3	-51.2	52.3	-65.9
101 TO 150	49.1	-54.6	49.1	-60.1
151 TO 250	48.1	-53.1	48.1	-51.6
251 TO 500	46.2	-51.2	46.2	-53.8
501 + ABOVE	43.6	-48.5	43.6	-48.5

COMPONENT AND CLADDING LOADING DIAGRAMS

1.  $a = 3'-0"$
2. THIS BUILDING IS DESIGNED AS AN ENCLOSED STRUCTURE. ALL EXTERIOR COMPONENTS (DOORS, WINDOWS, ETC.) MUST BE DESIGNED TO WITHSTAND THE WIND LOADINGS SPECIFIED FOR THE DESIGN OF COMPONENTS AND CLADDING IN THE TABLES. IN ADDITION, ALL AREAS OF EXTERIOR GLAZING MUST BE CERTIFIED FOR MISSILE IMPACT OR PROTECTED BY WIND-BORNE DEBRIS BY A SCREEN BARRIER.
3. TO CONVERT THE (ASCE 7-22) ULTIMATE WIND PRESSURES IN THE TABLES ABOVE TO (ASD) WIND PRESSURES, MULTIPLY EACH VALUE BY 0.6.



DOORS, WINDOWS AND WALLS



5755 Rio Vista Drive  
Clearwater, FL 33760-3137  
(727) 255-1839  
Fax: (727) 255-1839  
James Vincent Barnes III, P.E.  
Florida P.E. #77754  
Pennon Project No. CLWRC25006

ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

PIER 60 BAIT HOUSE REPAIRS

1 CAUSEWAY BLVD.  
CLEARWATER, FLORIDA

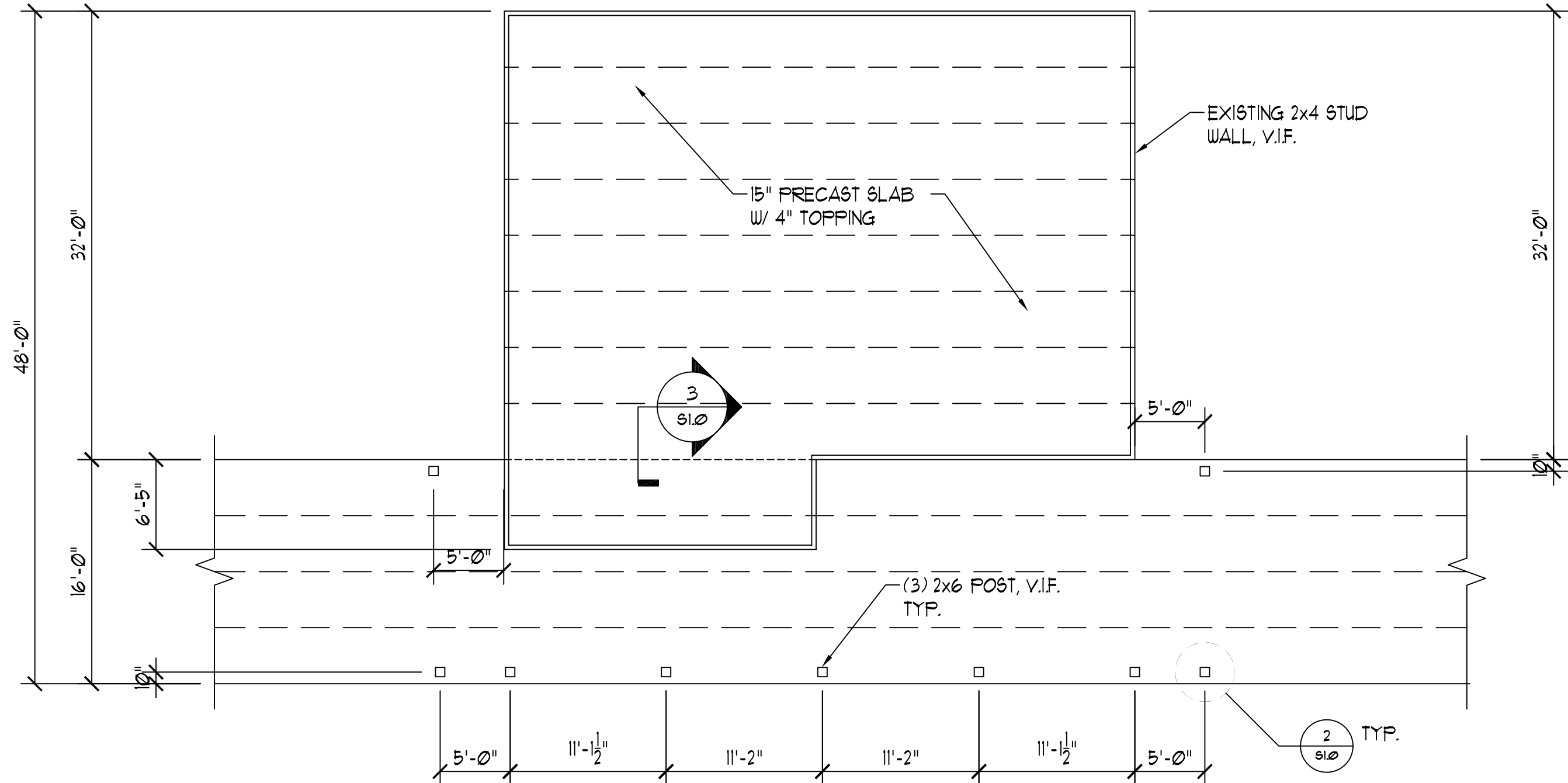
									BY
									REVISIONS
									NO.
									DATE

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PROJECT	CLWRC25006
DATE	XX-XX-2025
DRAWING SCALE	AS NOTED
DRAWN BY	AT
APPROVED BY	V.B.

S0.1

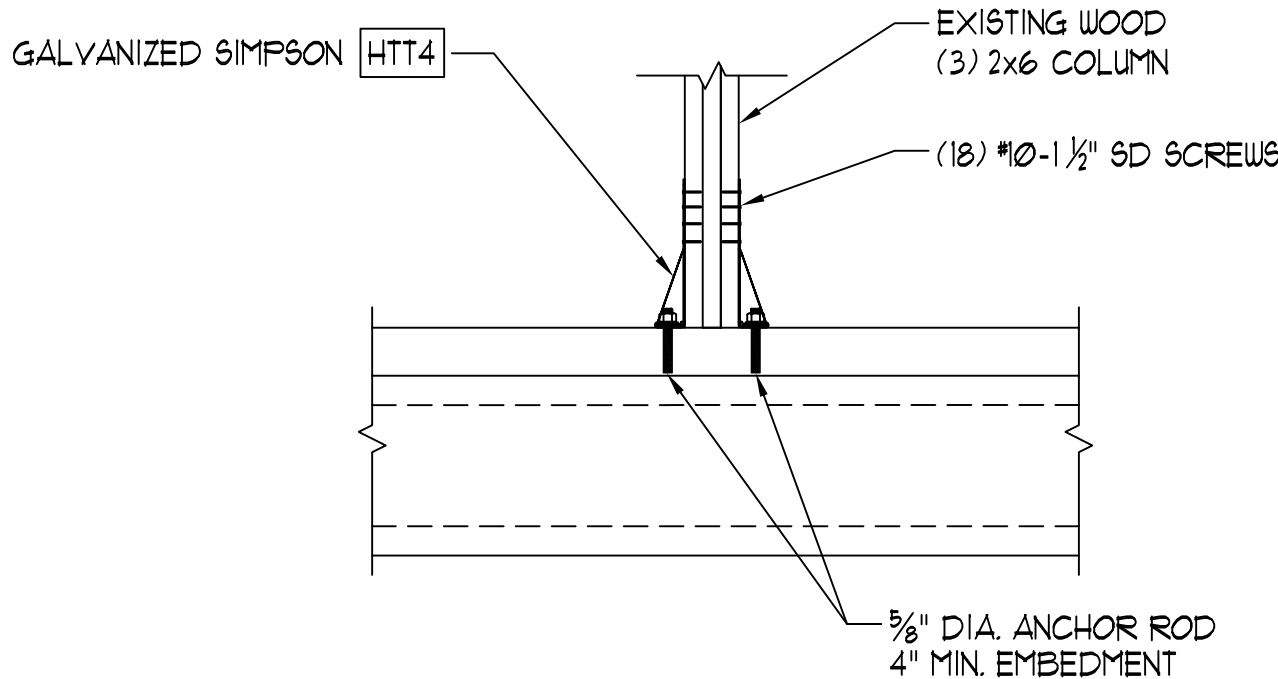
U:\account\CLWRC\CLWRC25006 - Pier 60 Bait House Repair\DESIGN\SS1.0.dwg PLOTTED: 3/10/2025 3:51 PM BY: James Barnes PLOTSTYLE: Arc Standard.ctb PROJECT STATUS: ---



PARTIAL DECK PLAN  
SCALE: 1/8" = 1'-0"

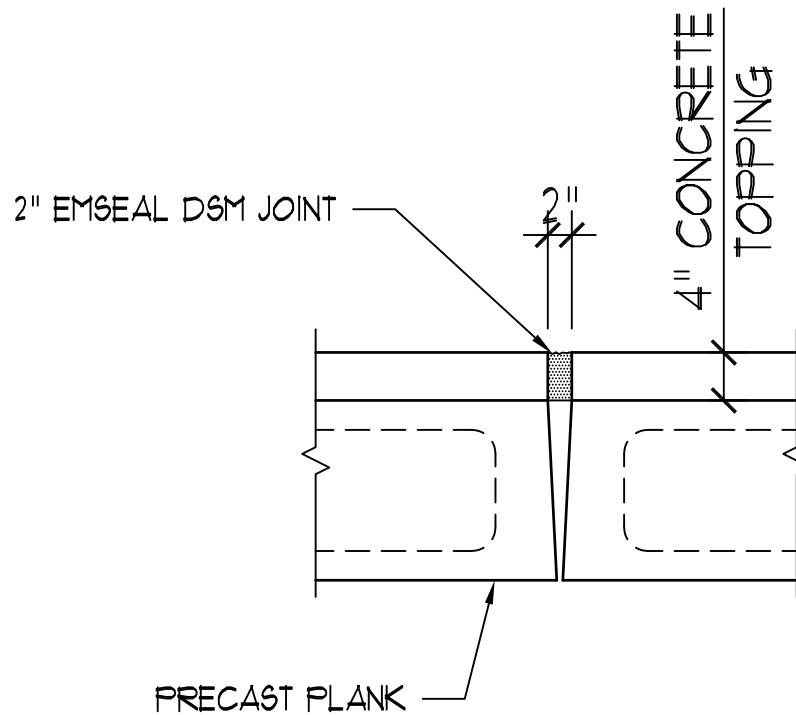
PLAN NOTES:

1. DECK SLAB TO BE 15" PRECAST SLAB W/ 4" CONCRETE TOPPING, V.I.F.
2. TOP OF SLAB EL. = 0'-0"
3. — — — INDICATES EXISTING JOINT
4. .... INDICATED REPAIR JOINT
5. FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING DIMENSIONS AND ELEVATIONS PRIOR TO FABRICATION AND INSTALLATION.



POST CONNECTION AT BASE  
SCALE: 3/4" = 1'-0"

2



JOINT REPAIR DETAIL  
SCALE: 3/4" = 1'-0"

3



5755 Rio Vista Drive  
Clearwater, FL 34603-3137  
Tel: 727.325.1251  
Fax: 727.325.1251  
James Vincent Barnes III, P.E.  
Florida P.E. 77754  
Pennoni Project No. CLWRC25006

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PRIOR TO BEGINNING WORK. DISCREPANCIES  
BEFORE PROCEEDING WITH WORK

PIER 60 BAIT HOUSE REPAIRS

1 CAUSEWAY BLVD.  
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S1.0