

# GENERAL NOTES

## BUILDING CODE

BUILDING CODE USED ..... IBC 2015

## DESIGN LIVE LOADS

ROOF	.....	20 P.S.F.
MEZZANINE	.....	150 P.S.F.
ROOF TRUSS TOP CHORD LIVE LOAD	.....	20 P.S.F.
ROOF TRUSS TOP CHORD DEAD LOAD	.....	10 P.S.F.
ROOF TRUSS BOTTOM CHORD DEAD LOAD	.....	10 P.S.F.
WIND SPEED (3 SEC GUST, EXP. C, CAT. II)	.....	127 M.P.H.
WIND PRESSURES - MWFRS TRANSVERSE DIRECTION	.....	
INTERIOR ZONES - WALLS	.....	-13.7 P.S.F.
ROOF	.....	-4 P.S.F.
END ZONE - WALL	.....	-20.6 P.S.F.
ROOF	.....	-10.7 P.S.F.
WIND PRESSURES - MWFRS LONGITUDINAL DIRECTION	.....	
INTERIOR ZONE - WALL	.....	13.7 P.S.F.
END ZONE - WALL	.....	20.6 P.S.F.
COMPONENTS AND CLADDING	.....	
ZONE 1	.....	-25.4 P.S.F.
ZONE 2	.....	-27.4 P.S.F.
ZONE 3	.....	-33.3 P.S.F.
ZONE 4	.....	-27.4 P.S.F.
ZONE 5	.....	-35.3 P.S.F.
ZONE 6	.....	-23.2 P.S.F.
ZONE 7	.....	-28.6 P.S.F.

## CONCRETE

CONCRETE FOR FOOTINGS SHALL NOT CONTAIN MORE THAN 20% FLY ASH. ALL OTHER CONCRETE SHOWN AND CALLED FOR ON SHEETS SHALL NOT CONTAIN FLY ASH. CONCRETE FOR SLAB SHALL NOT CONTAIN ENTRAINED AIR. COMPRESSIVE STRENGTH OF CONCRETE TESTED AT 28 DAYS SHALL BE AS FOLLOWS:

FOOTINGS	.....	3000 PSI (W/C = 0.50 MAX)
SLAB ON GRADE	.....	3500 PSI (W/C = 0.45 MAX)
ALL OTHER CONCRETE	.....	3000 PSI (W/C = 0.50 MAX)
SECOND FLOOR/ELEVATED SLABS	.....	3500 PSI (W/C = 0.45 MAX, AGGREGATE SIZE 1/2" MAX)

THERE SHALL BE NO HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE POURS. ALL CONSTRUCTION JOINTS SHALL BE MADE IN THE CENTER OF SPANS WITH VERTICAL BULKHEADS. THE LOCATION OF CONSTRUCTION JOINTS SHALL BE REVIEWED BY THE ARCHITECT/ENGINEER. ADDITIONAL REINFORCING AT CONSTRUCTION JOINTS REQUIRED. SEE TYPICAL DETAIL.

## REINFORCING STEEL

ALL REINFORCING STEEL SHALL BE GRADE 60 (#2 AND #3 BARS AND ALL STIRRUPS AND TIES SHALL BE GRADE 40) AND SHALL CONFORM TO THE ASTM SPECIFICATIONS A615. DETAILING OF REINFORCING STEEL SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE DETAILING MANUAL. PROVIDE 1-#6 X 4'-0" (L<sub>1</sub>) TOP AND BOTTOM IN EXTERIOR FACE OF GRADE BEAMS AT CORNERS.

PROVIDE STANDARD PLASTIC BAR CHAIRS WITH ROUND FEET AT 4'-0" MAXIMUM CENTERS EACH WAY FOR ALL TOP REINFORCING FOR SLABS ON GRADE. DEPTH OF CHAIRS SHALL PROVIDE FOR 1" TOP COVER TO REINFORCING.

LAP CONTINUOUS UNSCHEDULED REINFORCING BARS AS FOLLOWS: BOTTOM BARS IN MEMBERS SUPPORTED BY COLUMNS OR FOOTINGS - 12" AT SUPPORTS ONLY; ALL OTHERS - 50 BAR DIAMETERS.

REINFORCING STEEL COVERAGE SHALL BE AS FOLLOWS:

GRADE BEAMS	.....	1 1/2" TOP, 3" BOTTOM, 2" SIDES (IF EARTH FORMED, BEAM WIDTH MUST BE INCREASED 2" TO PROVIDE 3" SIDE COVER)
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## STRUCTURAL STEEL

ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM SPECIFICATION A36 (SQUARE OR RECTANGULAR TUBE SHAPES SHALL CONFORM TO ASTM A500, GRADE B). STRUCTURAL STEEL DETAILS AND CONNECTIONS SHALL CONFORM TO THE STANDARDS OF THE AISC. FIELD CONNECTIONS SHALL BE EQUIVALENT TO STANDARD BOLTED CONNECTIONS USING 3/4" ASTM A307 BOLTS UNLESS OTHERWISE SHOWN. CONNECTIONS SHALL BE BOLTED OR WELDED - SEE DETAILS. PROVIDE WEB CONNECTIONS FOR STEEL BEAMS AT COLUMNS AND BEAMS UNLESS OTHERWISE NOTED. IF CONNECTIONS BOLTS ARE IN SINGLE SHEAR, BOLTS SHALL BE DOUBLE ROW, DOUBLE COLUMN (TWO COLUMNS MAXIMUM). SPLICING OF STRUCTURAL STEEL MEMBERS IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE ARCHITECT AS TO LOCATION AND TYPE OF SPLICE TO BE MADE. ANY MEMBER HAVING SPLICE NOT SHOWN AND DETAILED ON SHOP DRAWINGS WILL BE REJECTED. ALL WELDING SHALL CONFORM TO THE AMERICAN WELDING SOCIETY CODE. WHEN CAMBER OF STEEL MEMBERS IS REQUIRED BY THE DRAWINGS, THE CONTRACTOR SHALL VERIFY THE REQUIRED CAMBER IN THE FIELD PRIOR TO ERECTION OF EACH MEMBER. CONTINUOUS SHOP WELD ALL CAP PLATES AND BASE PLATES TO COLUMNS.

EXPOSED FASCIA CONNECTIONS ARE TO BE WELDED AND ABRASIONS GROUND SMOOTH; ERECTION MATERIAL USED IN FIELD CONNECTIONS SHALL BE REMOVED, HOLES FILLED, AND ABRASIONS GROUND SMOOTH. (a) COAT WELDS WITH GALVANEAL.

EXAMINE THE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ALL ITEMS REQUIRED TO BE HOT-DIP GALVANIZED AFTER FABRICATION.

STRUCTURAL STEEL SHALL BE PUNCHED FOR WOOD BLOCKING AND NAILERS IN ACCORDANCE WITH ARCHITECTURAL DETAILS.

ULTRASONIC INSPECTION BY THE TESTING LABORATORY SHALL BE PROVIDED FOR ALL WELDS CALLED FOR ON THE DRAWINGS OR ON THE SHOP DRAWINGS AS PENETRATION WELDS. DO NOT PAINT BEVELS WHERE PENETRATION WELDS ARE REQUIRED.

## WOOD FRAMING

ALL WOOD FRAMING SHALL BE #2 SOUTHERN YELLOW PINE OR EQUIVALENT.

ALL PRE-ENGINEERED WOOD TRUSSES SHALL BE OPEN WEB TRUSSES - SEE ARCHITECT DRAWINGS FOR TRUSS PROFILE.

TRUSSED RAFTER MEMBER FORCES ARE SHOWN ON THE DIAGRAMS. PROVIDE CONNECTORS AT JOINTS AS REQUIRED FOR SUCH FORCES.

ALL LUMBER AND ITS FASTENINGS SHALL CONFORM TO THE NATIONAL DESIGN SPECIFICATIONS FOR STRESS GRADE LUMBER AND ITS FASTENINGS, LATEST EDITION, AS RECOMMENDED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.

EVERY THIRD RAFTER SHALL BE TIED TO JOISTS OR PARTITIONS DIRECTLY BELOW WITH 1X6 OR EQUIVALENT AT MIDPOINTS OF RAFTERS 20 FEET OR LESS IN LENGTH OR AT THIRD POINTS OF RAFTERS OVER 20 FEET IN LENGTH.

2X4 COLLAR BEAMS (RAFTER TIES) SHALL BE BETWEEN EVERY OTHER PAIR OF RAFTERS. METAL STRAPS FROM RAFTER TO RAFTER ACROSS THE RIDGE ARE NOT SUBSTITUTES FOR COLLAR BEAMS.

FRAMING ANCHORS (HURRICANE CLIPS OR SCREWS) ARE REQUIRED AT THE FOLLOWING CONNECTIONS:

- EVERY RAFTER TO TOP PLATE (BOTH PLATES).
- EVERY TRUSS TO TOP PLATE (BOTH PLATES).

SOLE PLATE SHALL BE ANCHORED TO THE FOUNDATION WITH 1/2" X 8" "J" OR "L" BOLTS (OR EQUIVALENT), EMBEDDED 6 INCHES, EVERY 32 INCHES ON CENTERS.

EXTERIOR WALLS SHALL BE FULL SHEATHED WITH EXTERIOR GRADE CDX SHEATHING. SEE SHEAR WALL SCHEDULE FOR THICKNESS AND NAILING PATTERN.

ALL INTERIOR WALLS GREATER THAN 6 FEET IN LENGTH SHALL BE BRACED WHERE THEY INTERSECT EXTERIOR WALLS GREATER THAN 24 FEET IN LENGTH.

ALL STUDS SHALL BE SPACED 16 INCHES O.C. EXCEPT AS NOTED BELOW.

INTERIOR NON-BEARING WALLS (NO VERTICAL OR LATERAL FORCES) MAY BE SPACED UP TO 24 INCHES O.C.

ROOF DECKING SHALL BE 1/2" PLYWOOD. SEE PLANS FOR NAILING PATTERN.

SOLE PLATES SHALL BE WOLMANIZED UNLESS A VAPOR BARRIER IS INSTALLED BETWEEN THE SOLE PLATE AND CONCRETE FOUNDATION.

THE WOOD FRAMING MEMBERS SHALL CONTAIN NOT MORE THAN 19% MOISTURE CONTENT AT THE TIME IT IS PERMANENT INCORPORATED INTO THE BUILDING OR STRUCTURE.

VENTS SHALL BE BALANCED.

MECHANICAL EQUIPMENT SHALL BE SECURED TO THE PAD BY STRAPS OR BOLTS.

PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED TO THE LOADS LISTED ABOVE. ALL PRE-ENGINEERED TRUSS SHOP DRAWINGS SHALL BEAR THE SEAL OF AN ENGINEER CURRENTLY REGISTERED IN THE STATE OF TEXAS. DESIGN CALCULATIONS SHALL BE SUPPLIED. THE CALCULATIONS SHALL BE SIGNED AND SEALED BY THE ENGINEER OF RECORD AND SHALL BE INDEXED AND TABBED FOR EASY REVIEW.

## MISCELLANEOUS

FOOTINGS SHALL BE POURED IMMEDIATELY AFTER EXCAVATION.

PRINCIPAL OPENINGS THROUGH THE FRAMING ARE SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL EXAMINE THE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR REQUIRED OPENINGS AS HE SHALL PROVIDE FOR ALL OPENINGS WHETHER SHOWN ON THESE DRAWINGS OR NOT, AND SHALL VERIFY SIZE AND LOCATION OF ALL OPENINGS WITH MECHANICAL DRAWINGS. NOMINAL PIPE SLEEVES THROUGH THE DECK WILL NOT REQUIRE FRAMING UNLESS THE OPENING EXCEEDS 10" IN DIAMETER.

THE CONTRACTOR SHALL COMPARE STRUCTURAL SECTIONS WITH ARCHITECTURAL SECTIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT PRIOR TO FABRICATION OR INSTALLING STRUCTURAL MEMBERS.

VERIFY ALL DIMENSIONS AND CONDITIONS OF EXISTING BUILDING AT THE JOB SITE.

## SUBGRADE / FILL / SITE PREPARATION

THE BUILDING AREA SHALL BE STRIPPED OF ALL VEGETATION, TOPSOIL, CONCRETE AND UNDERLYING POOR-QUALITY FILL ANY ROOTS LARGER THAN ONE-HALF INCH IN DIAMETER SHALL BE GRUBBED. ALL SOFT SPOTS IN THE SUBGRADE SHALL BE EXCAVATED TO FIRM SOIL TO A DEPTH OF TWENTY FOUR INCHES (24"). THE EXPOSED SUBGRADE SHALL BE SCRIPED AND MOISTURE CONDITIONED TO NOT LESS THAN THE OPTIMUM MOISTURE CONTENT. THE SUBGRADE SHALL BE COMPACTED TO 95 PERCENT OF THE MAXIMUM STANDARD PROCTOR DENSITY AS DETERMINED BY ASTM D 698.

A MINIMUM OF TWENTY FOUR INCHES (24") OF COMPACTED SELECT FILL SHALL BE PLACED BELOW THE FLOOR SLAB FROM THE PREPARED SUBGRADE TO THE BOTTOM OF THE SLAB. SELECT FILL MATERIAL SHALL BE EXTENDED 5 FEET BEYOND THE BUILDING PERIMETER. SELECT FILL SHALL BE COMPOSED OF A CLEAN, INACTIVE CLAY SOIL (NOT A SILT) WITH A PLASTICITY INDEX BETWEEN 10 AND 20. THE FILL SHALL BE PLACED IN THIN LIFTS NOT EXCEEDING EIGHT INCHES LOOSE MEASURE, MOISTURE CONDITIONED TO ABOVE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM STANDARD PROCTOR DENSITY. TOTAL FILL THICKNESS MIGHT EXCEED THE MINIMUM AMOUNT OF FILL DEPENDING ON FINISH FLOOR ELEVATION AND EXISTING GRADES. REFER TO SITE SURVEY AND SITE DRAWINGS.

SHAPE THE SITE AROUND THE STRUCTURE TO INSURE THAT WATER WILL NOT POND AROUND THE BUILDING DURING AND AFTER CONSTRUCTION.

DUE TO THE PRESENCE OF CLAYEY SAND AND WATER FROM ONE TO TEN (1-10) FEET, TEMPORARY CASING SHALL BE INSTALLED DURING CONSTRUCTION OF DRILLED SHAFTS.

## SOIL BEARING PRESSURE

A SOIL BEARING PRESSURE OF 4300 P.S.F. FOR DEAD LOAD PLUS TOTAL LIVE LOAD AND 2900 P.S.F. FOR DEAD LOAD PLUS 1/2 LIVE LOAD WAS USED TO SIZE FOOTINGS. SELECT FILL AND FOUNDATION DESIGN IS BASED ON RECOMMENDATIONS MADE BY SCIENCE ENGINEERING LTD'S GEOTECHNICAL ENGINEERING REPORT NO. 22120 DATED FEBRUARY, 2022.

## REPRODUCTION NOTE

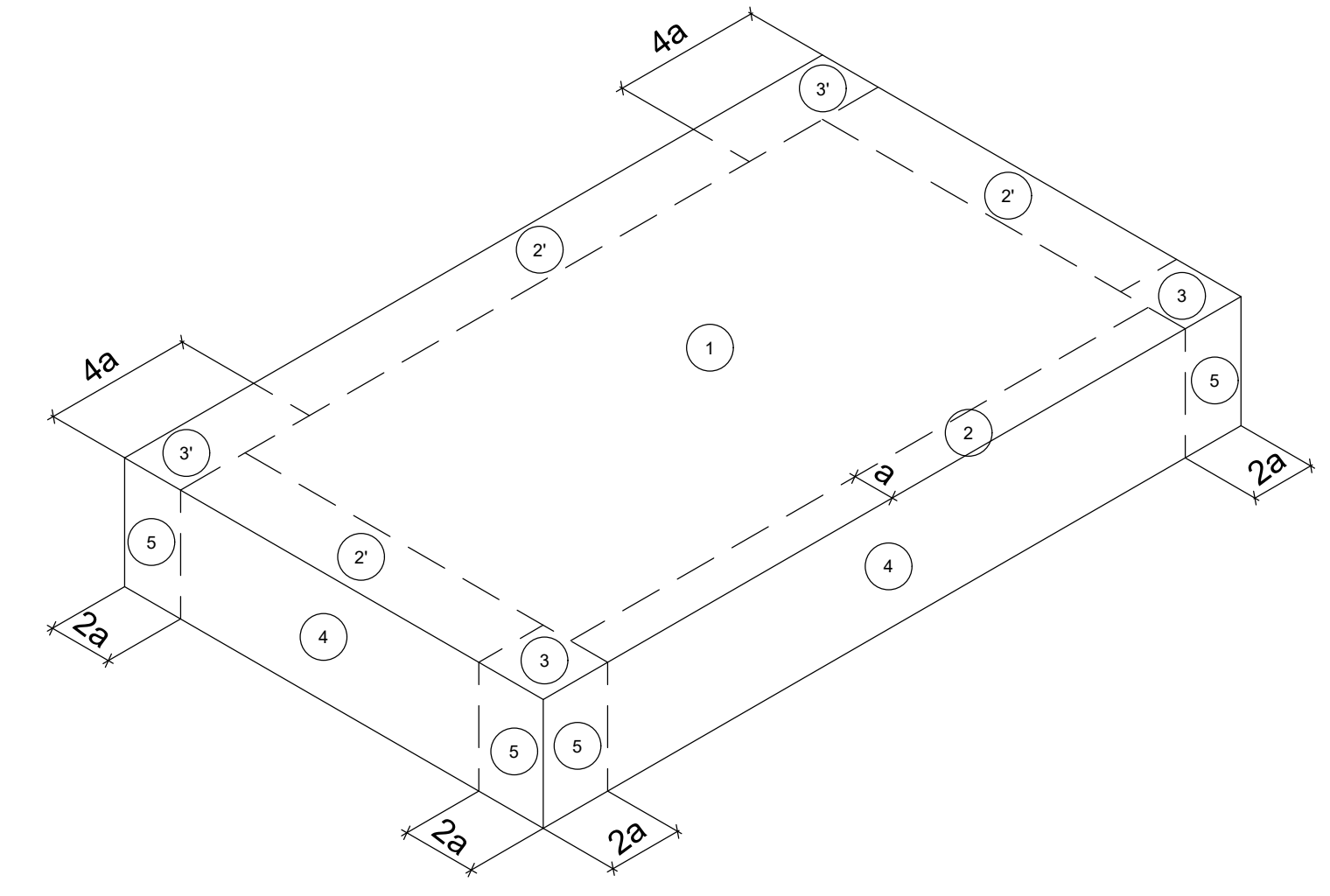
THE USE OF THESE CONTRACT DRAWINGS IN LIEU OF PREPARATION OF SHOP DRAWINGS CONSTITUTES ACCEPTANCE THAT ALL INFORMATION SHOWN HEREON IS CORRECT, AND CONSTITUTES ACCEPTANCE OF ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO THEIR USE. SHOP DRAWINGS MAY NOT BE PRODUCED BY USING REPRODUCTIONS OF THESE CONTRACT DRAWINGS. ANY SHOP DRAWINGS SUBMITTED FOR APPROVAL, WHICH WERE PRODUCED IN THIS MANNER, WILL BE REJECTED.

## USE OF CADD FILES

UPON THE SIGNING OF A RELEASE, FITZ & SHIPMAN, INC. WILL PROVIDE CADD FILES STRIPPED OF TITLE BLOCKS AND SEALS. A FEE WILL BE ACCESSED IN ACCORDANCE WITH THE FOLLOWING FEE SCHEDULE: MINIMUM CHARGE OF \$100 FOR THE FIRST SHEET AND \$50 FOR EACH ADDITIONAL SHEET. SALES TAX WILL BE ADDED TO THE ABOVE FEES UNLESS A SALES TAX EXEMPT CERTIFICATE IS PROVIDED. WHEN PLAN SHEETS ARE PRINTED ON MULTIPLE SHEETS THE FEE WILL BE ACCESSED PER PRINTED SHEET BUT ONE CADD FILE WILL BE PRESENTED.

## NAILING SCHEDULE

	NO. OF COMMON NAILS	SIZE	NO. OF BOX NAILS	SIZE	COMMENT
<b>RAFTER FRAMING</b>					
RAFTER TO TOP PLATE (TOE)	3	8d	3	10d	PER RAFTER
CEILING JOIST TO TOP PLATE (TOE)	3	8d	3	10d	PER JOIST
CEILING JOIST TO PARALLEL RAFTER (FACE)	5	8d	5	10d	EACH LAP
CEILING JOIST OVERLAP PARTITION (FACE)	5	8d	5	10d	EACH LAP
COLLAR TIE TO RAFTER (FACE)	4	8d	4	10d	PER TIE
BLOCKING TO RAFTER (TOE)	2	8d	2	10d	END EACH
RIM BOARD TO RAFTER (END-NAILED)	2	16d	3	16d	END EACH
<b>WALL FRAMING</b>					
TOP PLATE TO TOP PLATE (FACE)	2	16d	2	16d	PER FOOT JOIST EACH SIDE
TOP PLATE AT INTERSECTION (FACE)	4	16d	5	16d	24" O.C.
STUD TO STUD (FACE)	2	16d	2	16d	24" O.C.
HEADER TO HEADER (FACE)	1	16d	1	16d	16" OC ALONG EDGES
TOP OR BOTTOM PLATE TO STUD (END)	2	16d			PER 2X4 STUD
	3	16d			PER 2X6 STUD
	4	16d			PER 2X8 STUD
BOTTOM PLATE TO FLOOR JOISTS, BAND JOIST.					
END JOISTS OR BLOCKING (FACE)	2	16d			PER FOOT
<b>FLOOR FRAMING</b>					
JOIST TO SILL, TOP PLATE, OR GIRDER (TOE)	4	8d	4	10d	PER JOIST EACH
BRIDGING TO JOIST (TOE)	2	8d	2	10d	EACH END
BLOCKING TO JOIST (TOE)	2	8d	2	10d	EACH END
BLOCKING TO SILL OR TOP PLATE (TOE)	3	16d	4	16d	EACH BLOCK
LEDGER STRIP TO BEAM (FACE)	3	16d	4	16d	EACH JOIST
JOIST ON LEDGER TO BEAM (TOE)	3	8d	3	10d	PER JOIST
BAND JOIST TO JOIST (END)	3	16d	4	16d	PER JOIST
BAND JOIST TO SILL OF TOP PLATE (TOE)	2	16d	3	16d	PER FOOT
<b>ROOF SHEATHING</b>					
STRUCTURAL PANELS					
PERIMETER ZONES	EDGE	SPACING (IN)			UNLESS SCHEDULED
		4"	8d		
INTERIOR ZONES	EDGE	SPACING (IN)			OTHERWISE
		6"	8d		
		12"	8d		
<b>CEILING SHEATHING</b>					
GYPSUM WALL BOARD	EDGE	SPACING (IN)			UNLESS SCHEDULED
		7"	6d WB		
	FIELD	SPACING (IN)			OTHERWISE
		10"	6d WB		
<b>WALL SHEATHING</b>					
GYPSUM WALL BOARD	EDGE	SPACING (IN)			UNLESS SCHEDULED
		7"	6d WB		
	FIELD	SPACING (IN)			OTHERWISE
		7"	6d WB		
<b>STRUCTURAL PANELS</b>					
END ZONES	EDGE	SPACING (IN)			UNLESS SCHEDULED
		6"	8d		
INTERIOR ZONES	EDGE	SPACING (IN)			OTHERWISE
		12"	8d		
	FIELD	SPACING (IN)			OTHERWISE
		6"	8d		
	FIELD	SPACING (IN)			OTHERWISE
		12"	8d		

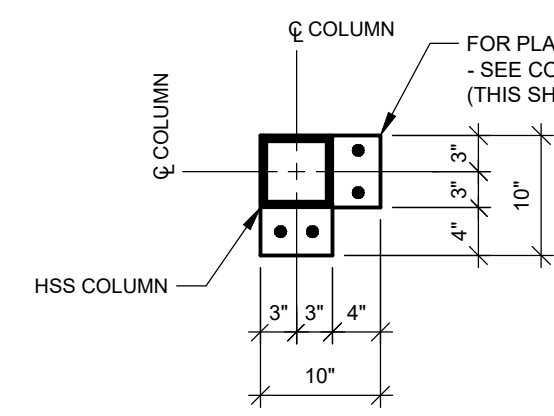


## LOCATION OF WIND PRESSURE ZONES

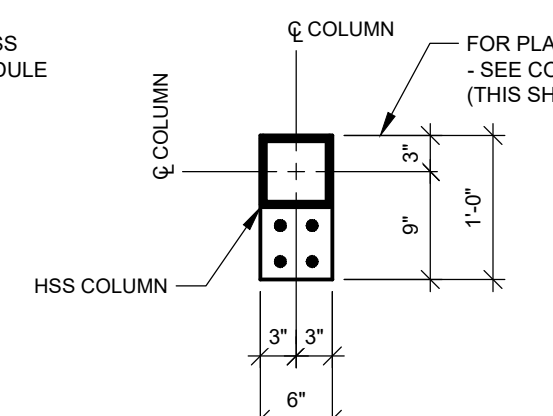
SCALE: N.T.S.  
(COMPONENTS & CLADDING)  
(OTHER TWO PHASES HAVE SAME ZONES)  
a = 3.0'

## COLUMN SCHEDULE

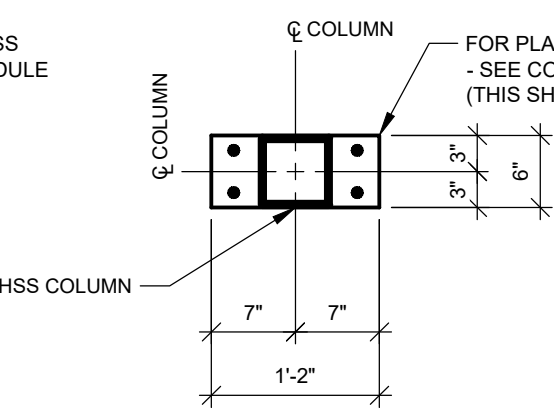
MARK	1,6	2,7	3,4,5
COLUMN SIZE	HSS 6 x 6 x 3/8	HSS 6 x 6 x 3/8	HSS 6 x 6 x 3/8
BASE PLATE	DETAIL "A" x 3/4" THK.	DETAIL "B" x 3/4" THK.	PLATE 14" x 6" x 3/4"
ANCHOR BOLTS	4-3/4"Ø x 1'-6" LONG	4-3/4"Ø x 1'-6" LONG	4-3/4"Ø x 1'-6" LONG



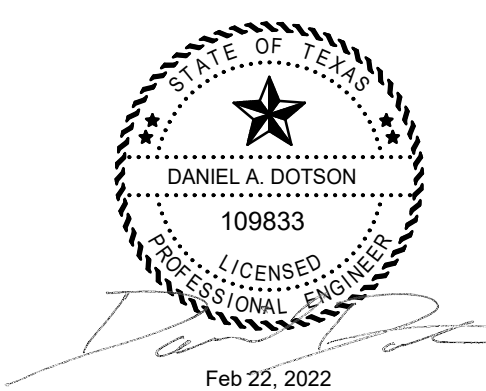
BASE PLATE DETAIL "A"



BASE PLATE DETAIL "B"



RECTANGULAR BASE PLATE



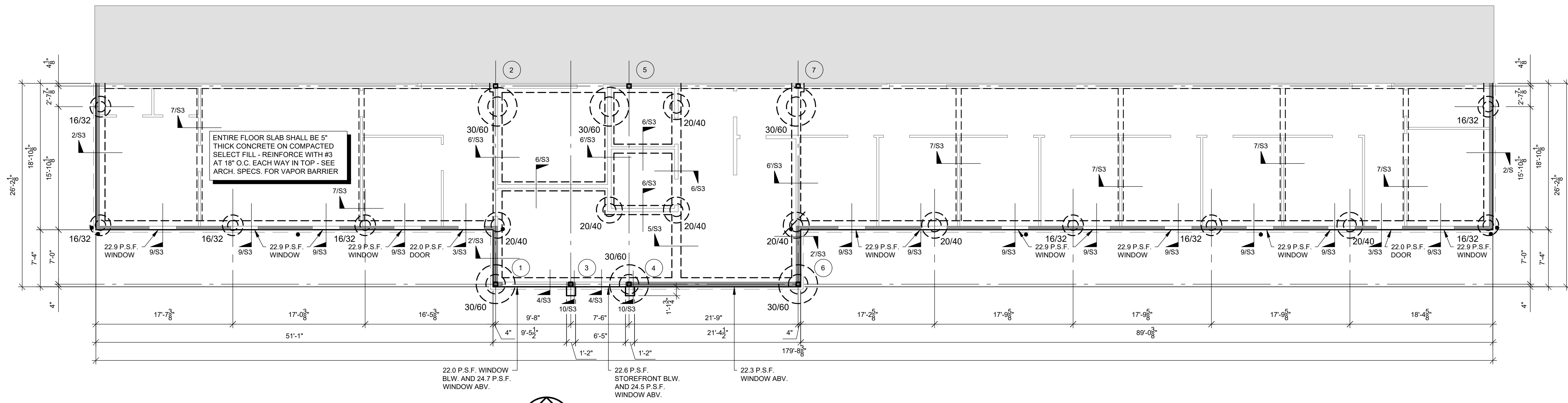
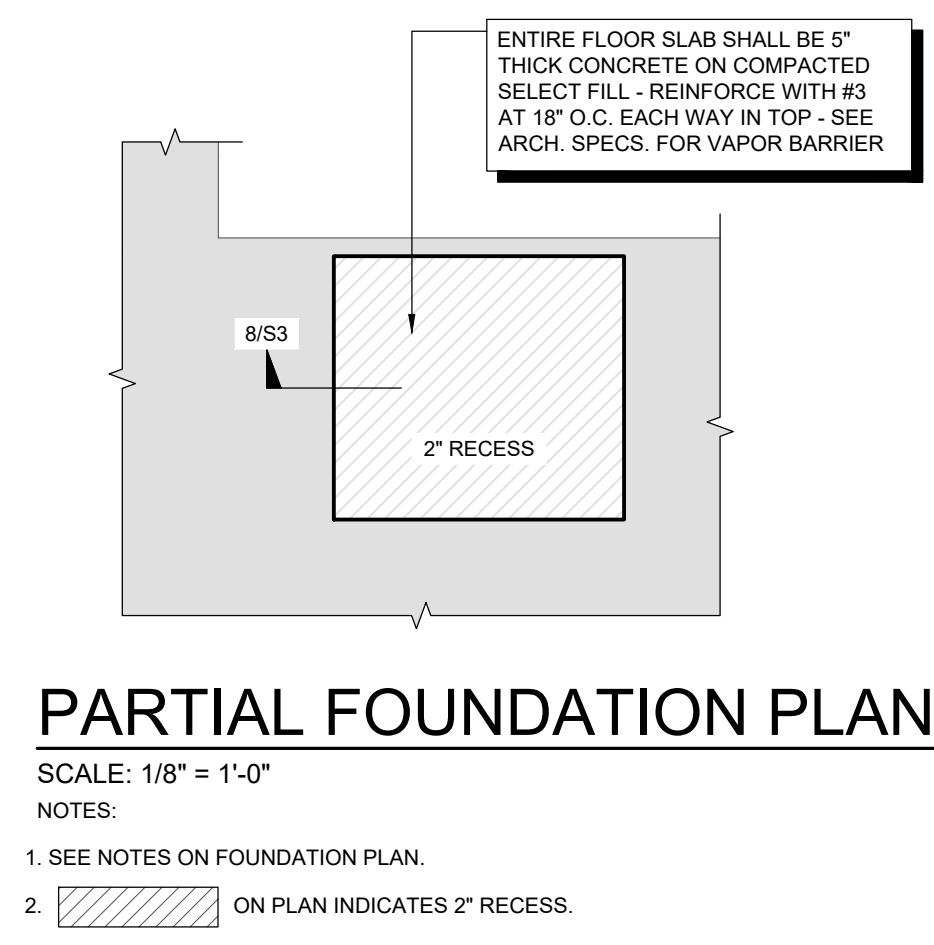
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T.B.P.E. FIRM #1160 T.X.L.S. FIRM #100186

ISSUED FOR SCHEMATIC DESIGN   
DATE: 11-15-21  
DESIGN DEVELOPMENT   
DATE: .  
BIDS & CONSTRUCTION   
DATE: 02-28-22  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_  
REVISION: \_\_\_\_\_  
DATE: \_\_\_\_\_

DRAWINGS SHEET TITLE  
**GENERAL NOTES**

SHEET NUMBER  
**S1**  
PROJECT NUMBER  
21061



**CLIPPING SCHEDULE \***

STUD TO SOLE PLATE	SIMPSON H2.5A OR 6" SDWC
STUD TO TOP PLATE	SIMPSON H2.5A OR 6" SDWC
RAFTER TO TOP PLATE	SIMPSON H2.5A OR 6" SDWC

\* ALL CLIPS SHALL BE ON THE SAME SIDE OF THE WALL

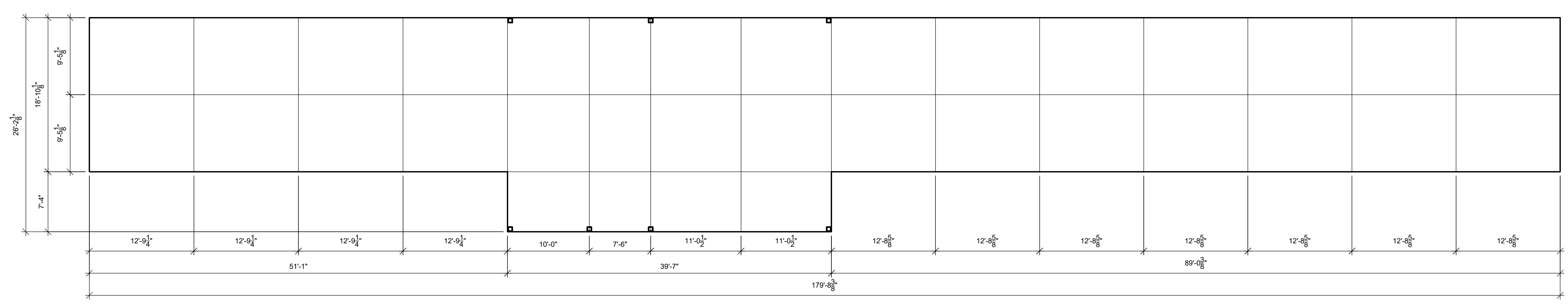
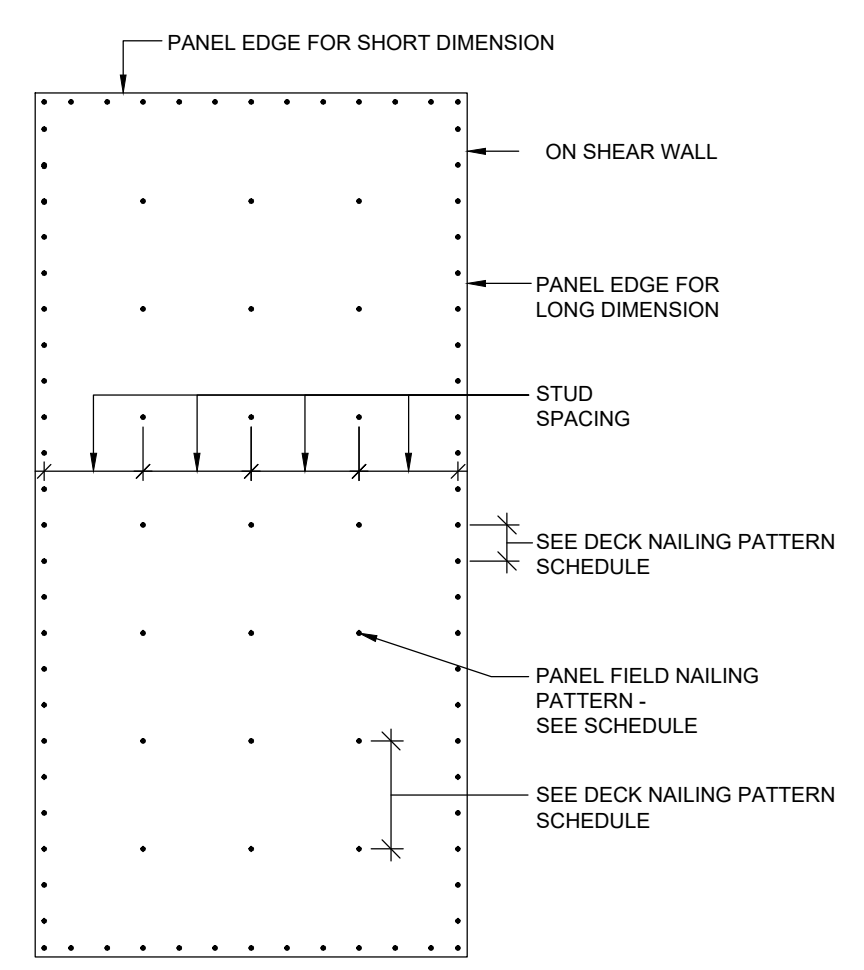
**SHEAR WALL SCHEDULE**

DESIGNATION	SHEATHING MATERIAL	BLOCKED	NAILING PATTERN	STUD POST EACH END	HOLD DOWN
FIRST FLOOR					
	5/8" CDX PLYWOOD	NO	PERIMETER - 8d common at 6" FIELD - 8d common at 12"	2-2x6 or 2-2x8	STHD 14

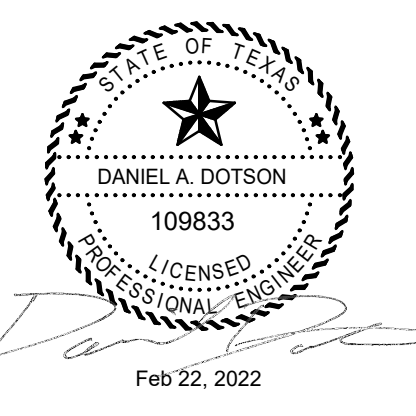
NOTE:  
PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS WITH ALL DIMENSIONS SHOWN ON ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL TIMELY REPORT ANY DISCREPANCIES TO ARCHITECT.

NOTE:  
WHERE A DRILLED FOOTING IS SHOWN ON THE PLAN CLOSER THAN 8'-0" FROM ANOTHER FOOTING, DRILL ONE FOOTING, FILL WITH CONCRETE AND LET CURE 48 HOURS PRIOR TO DRILLING THE ADJACENT FOOTING. 8'-0" DIMENSION IS MEASURED BETWEEN EDGE OF BELL FOOTING, NOT CENTER TO CENTER.

NOTE:  
ENTIRE FLOOR SLAB SHALL BE 5" THICK CONCRETE ON COMPACTED SELECT FILL & 15 MIL. VAPOR BARRIER (VERIFY WITH ARCHITECT) - REINFORCE WITH #3 AT 18" O.C. EACH WAY IN TOP.

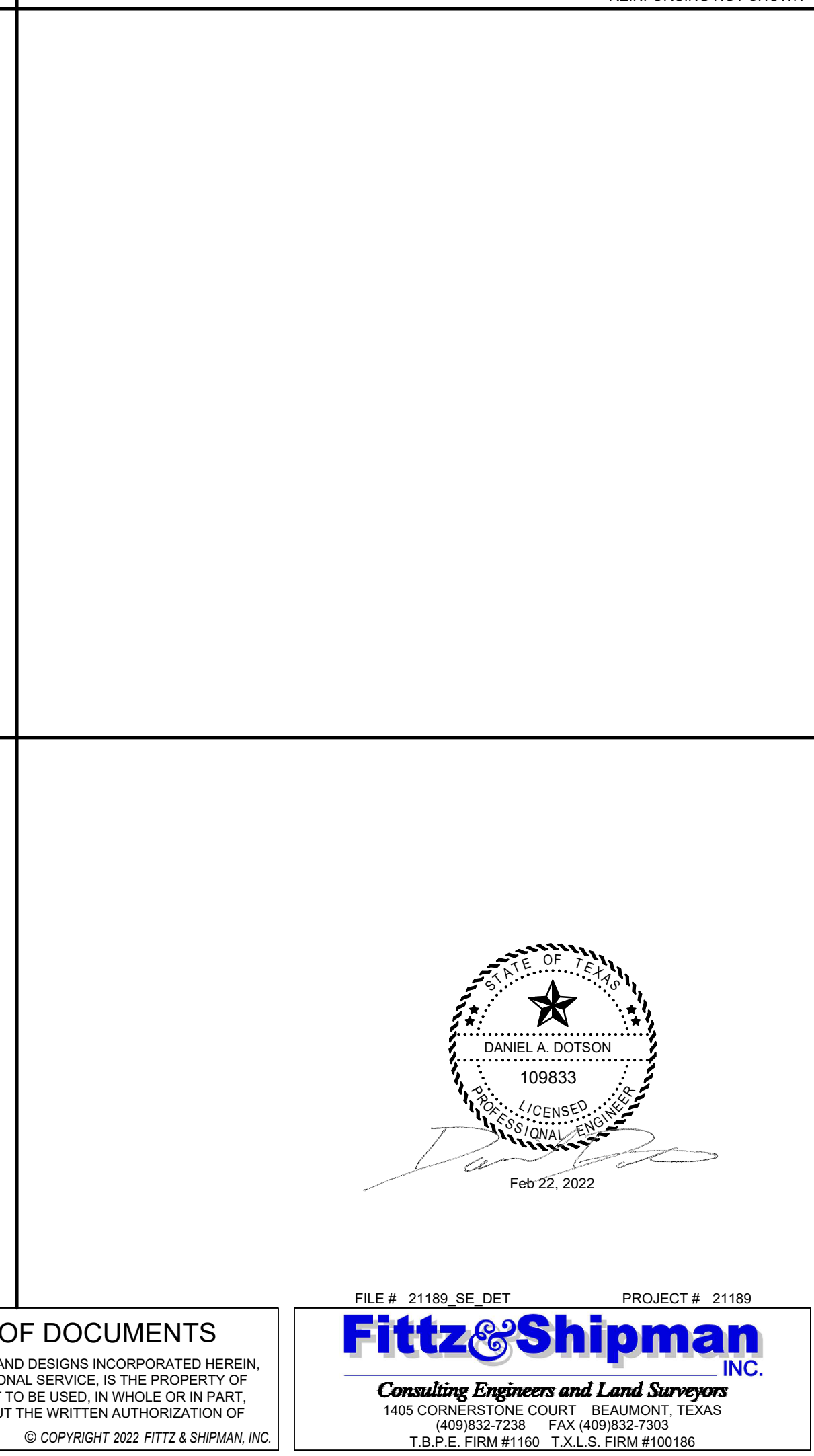
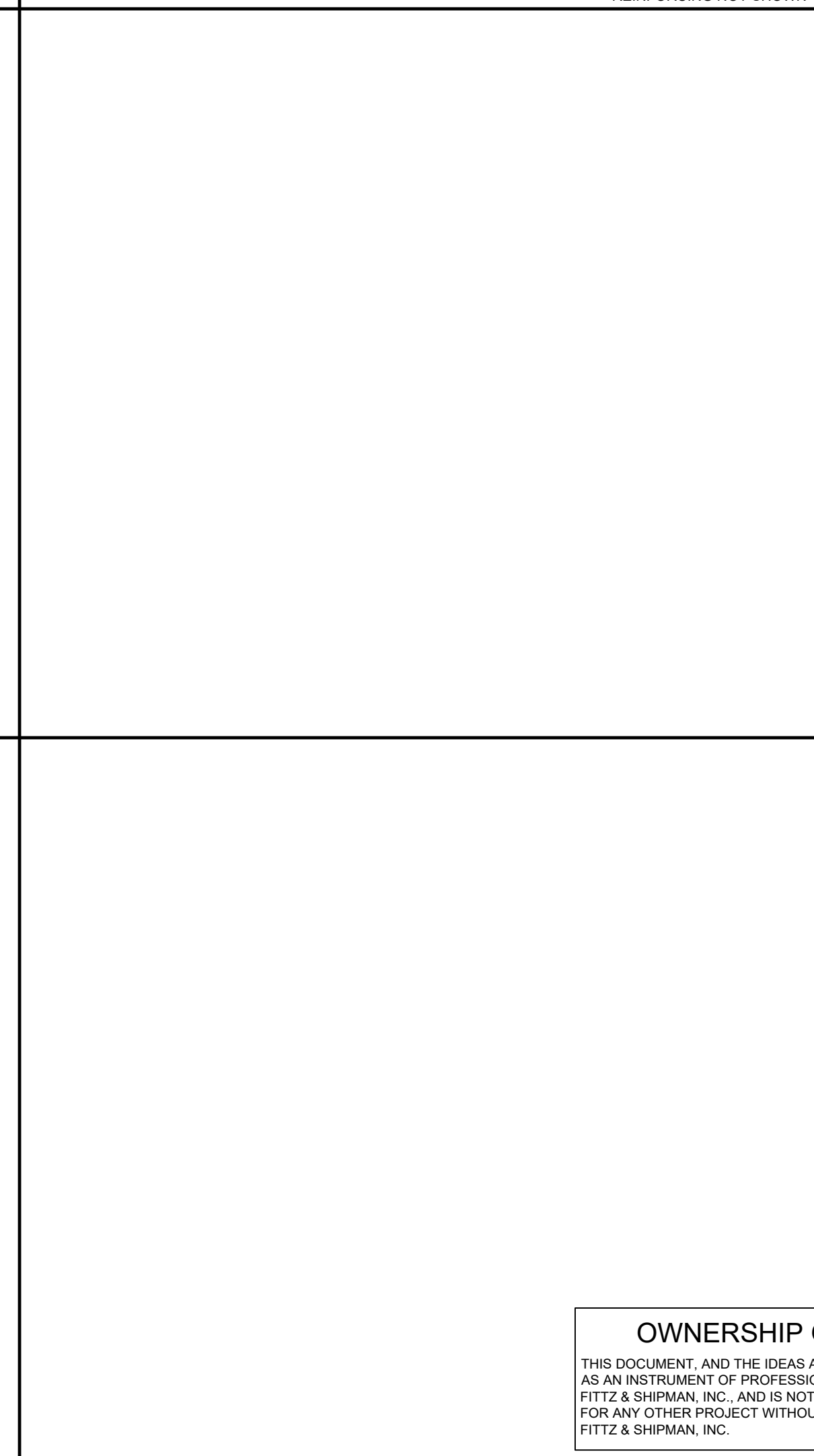
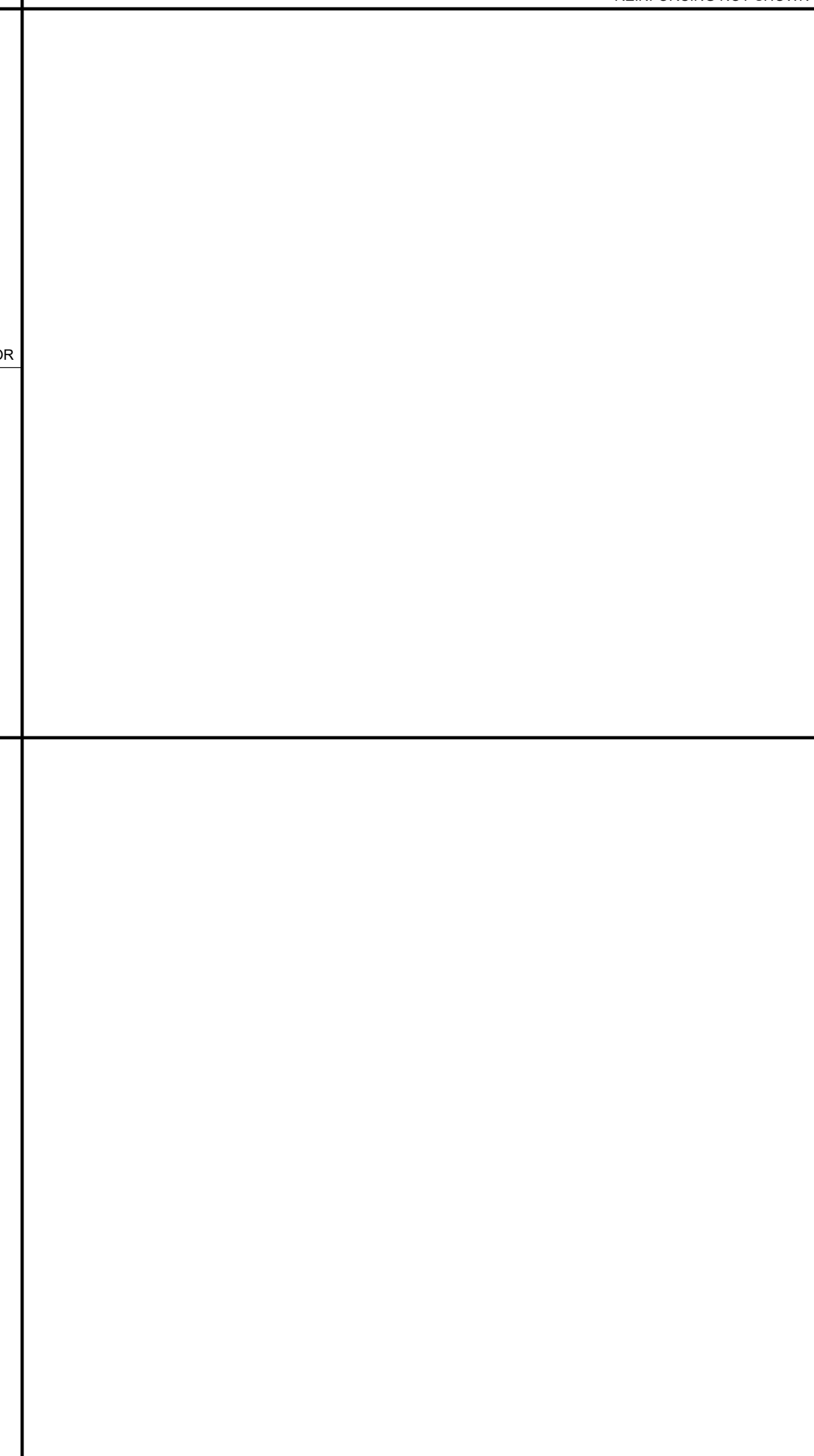
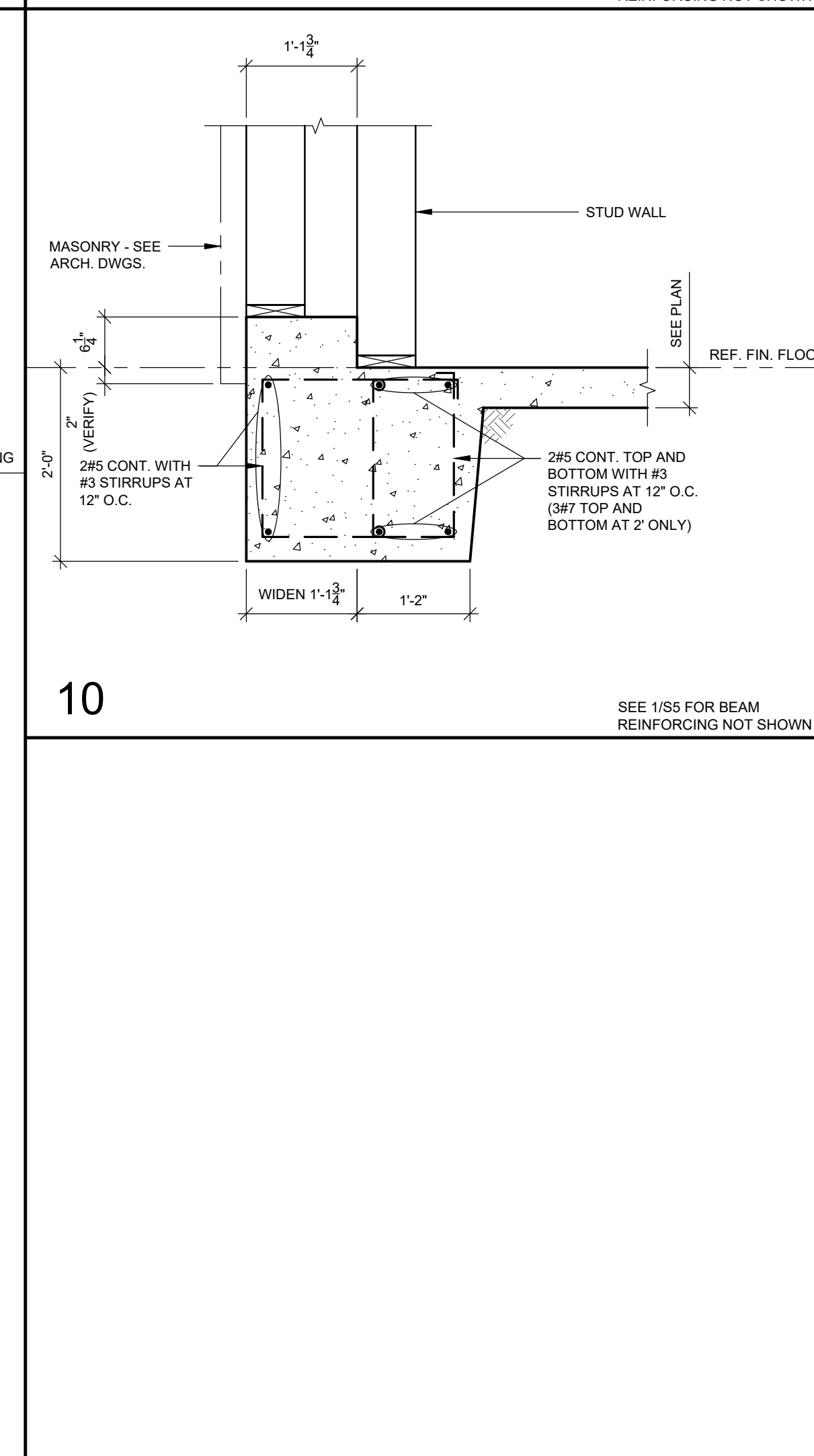
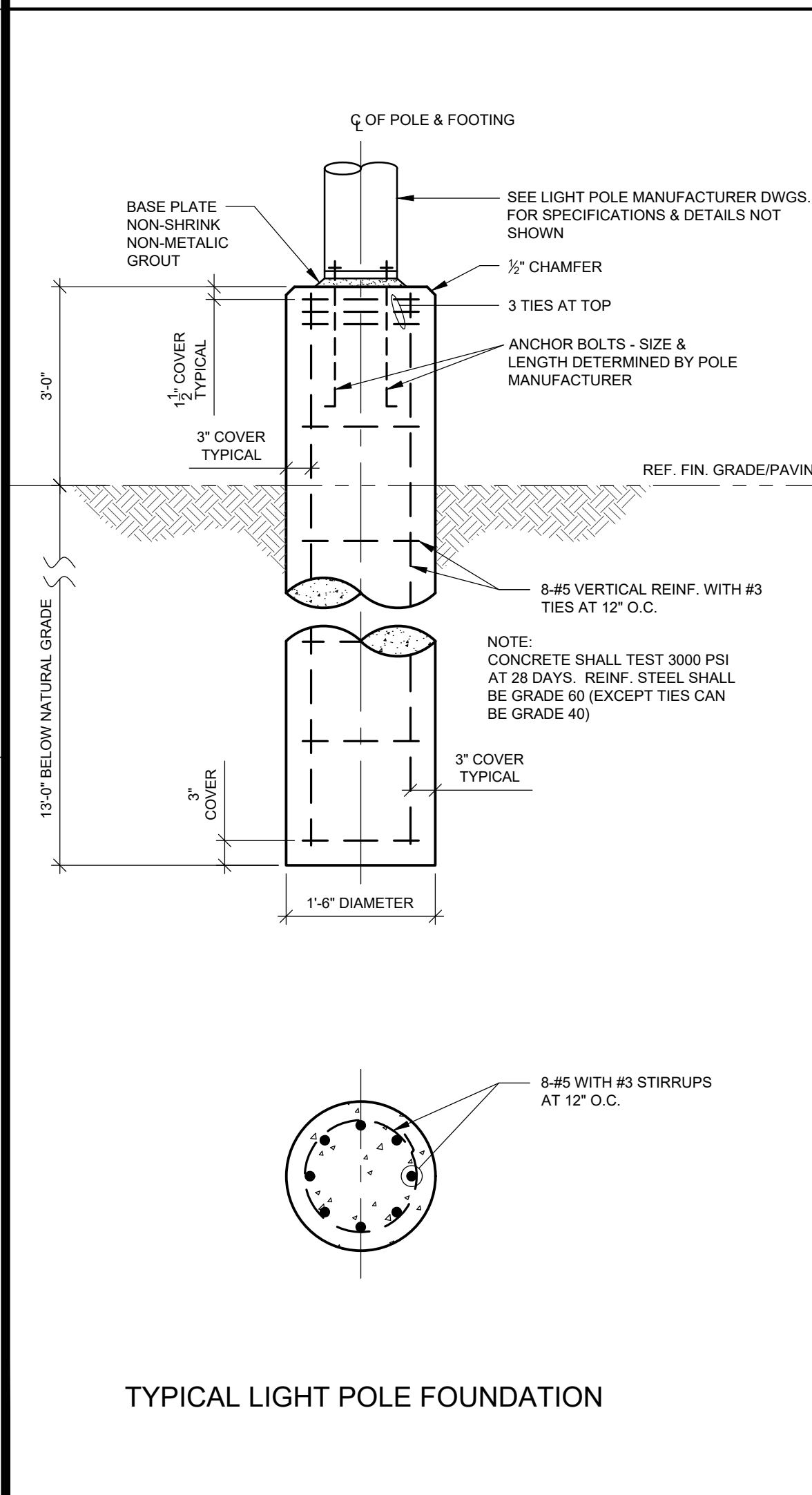
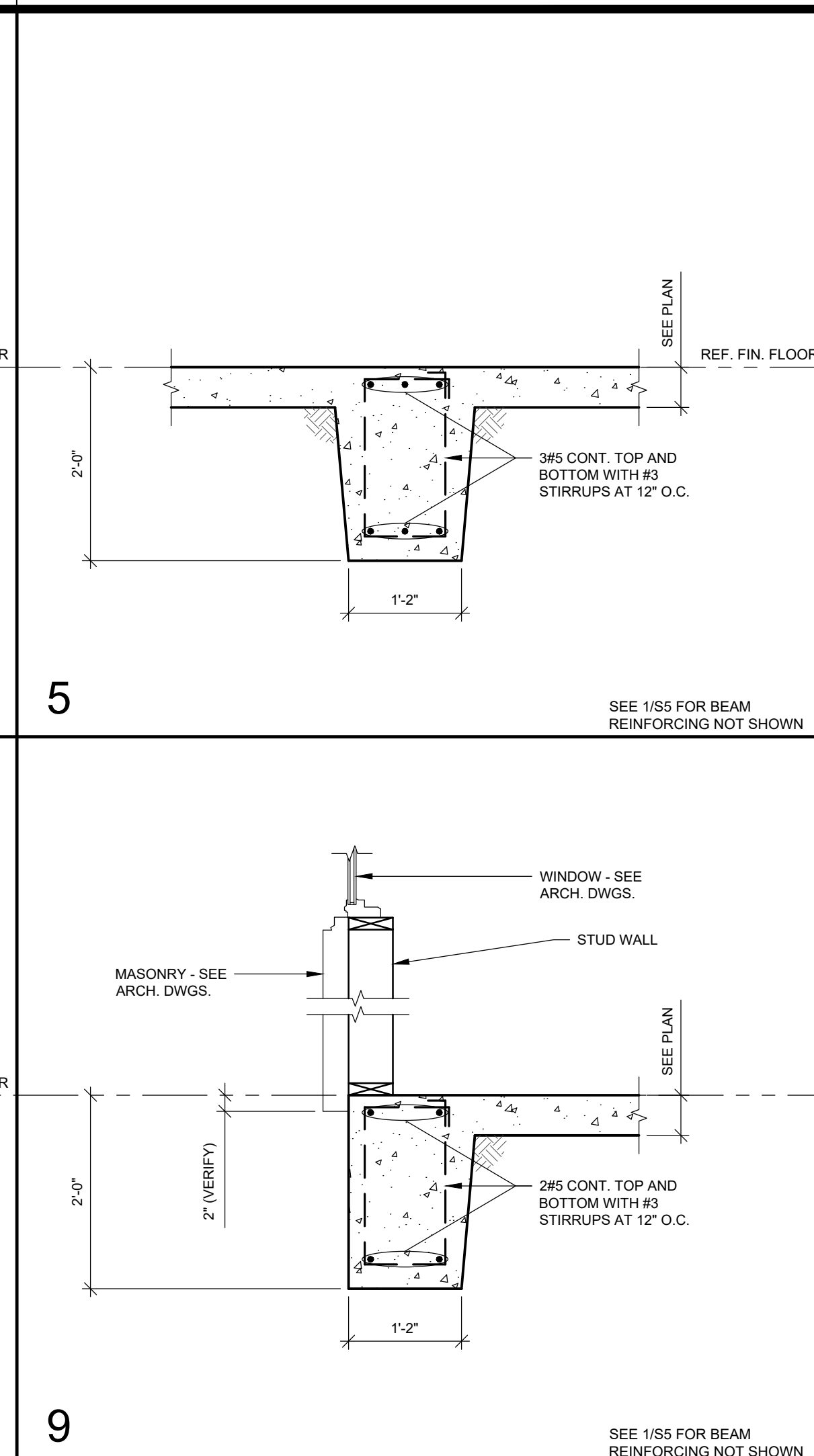
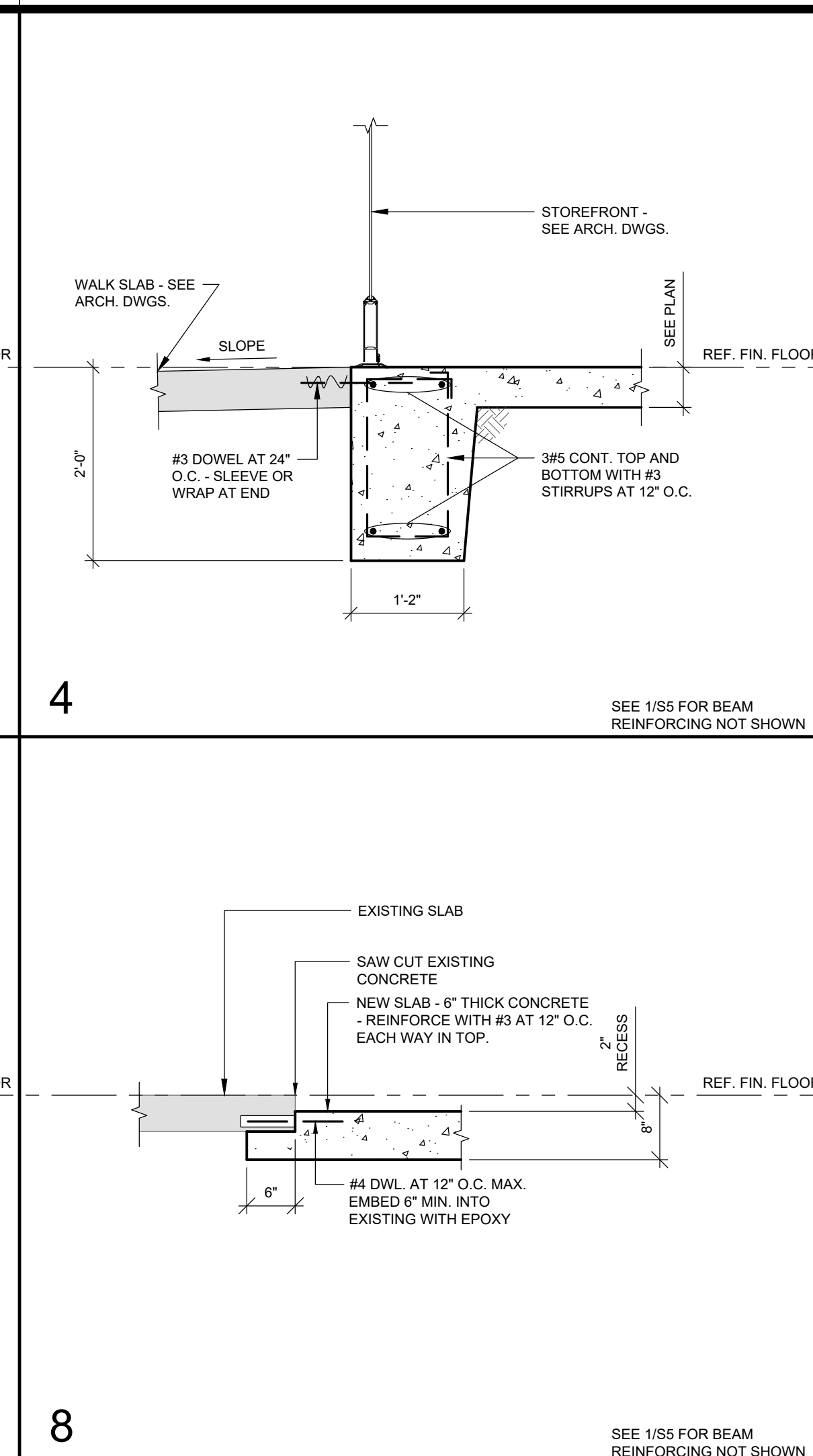
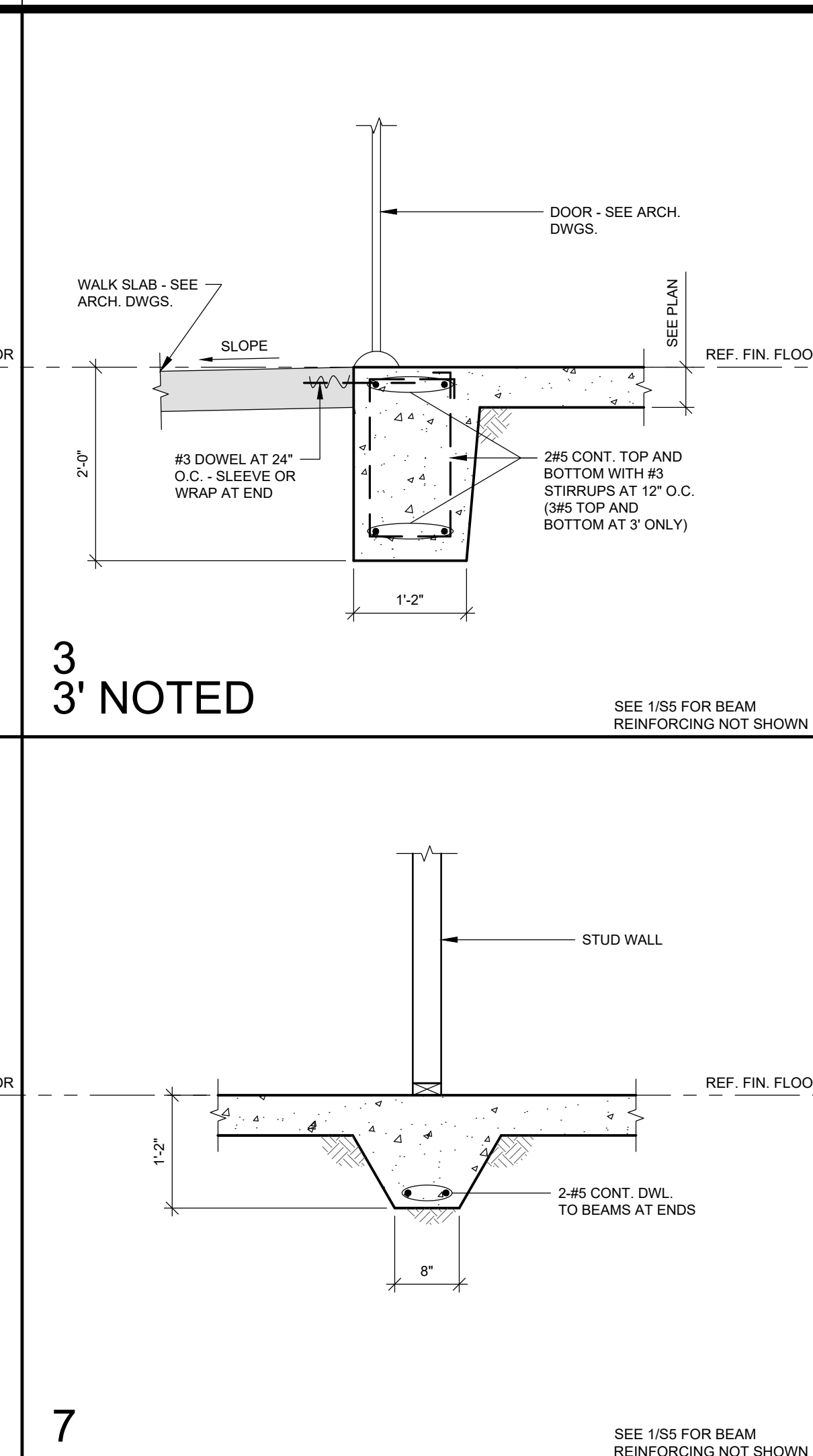
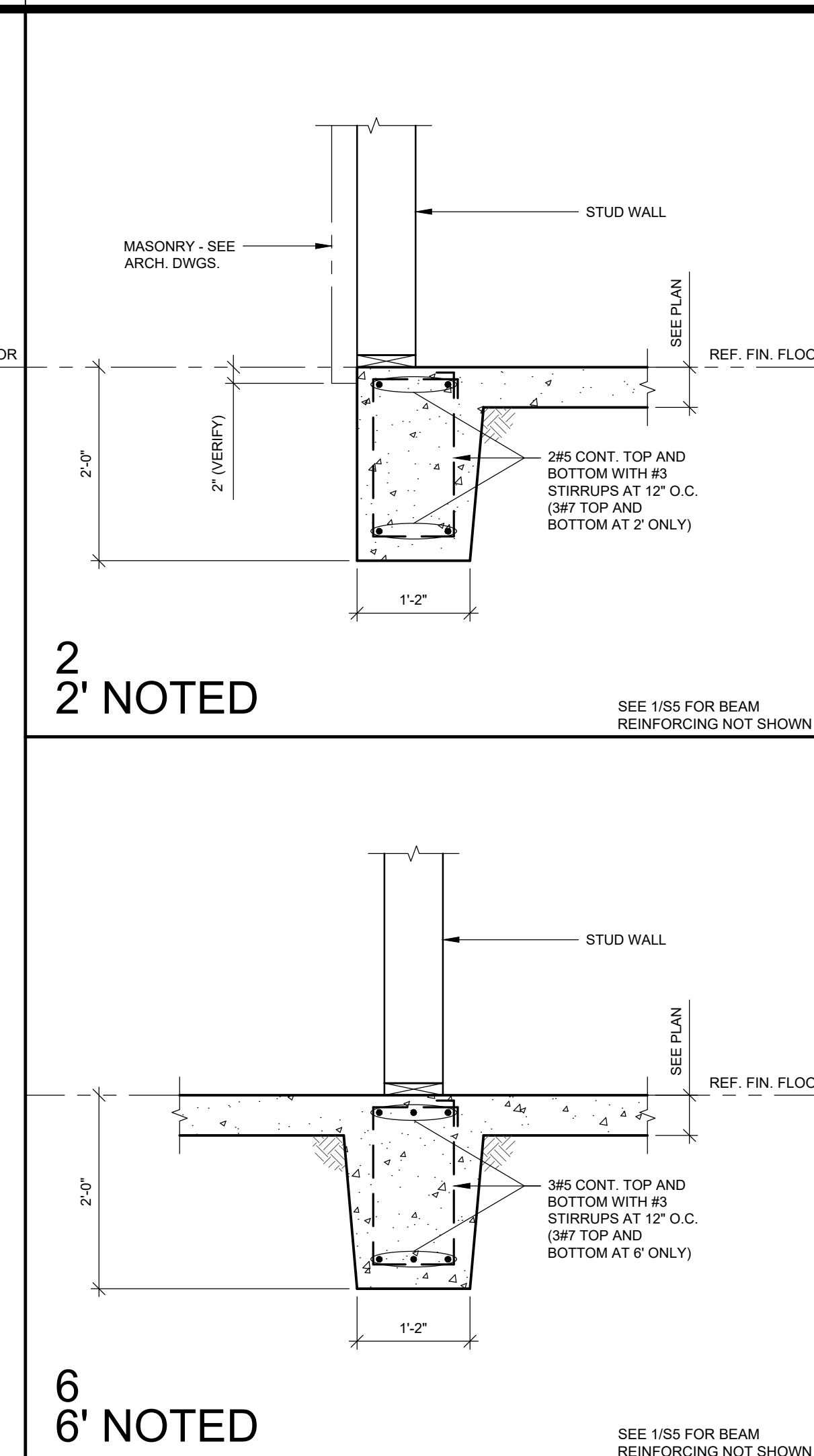
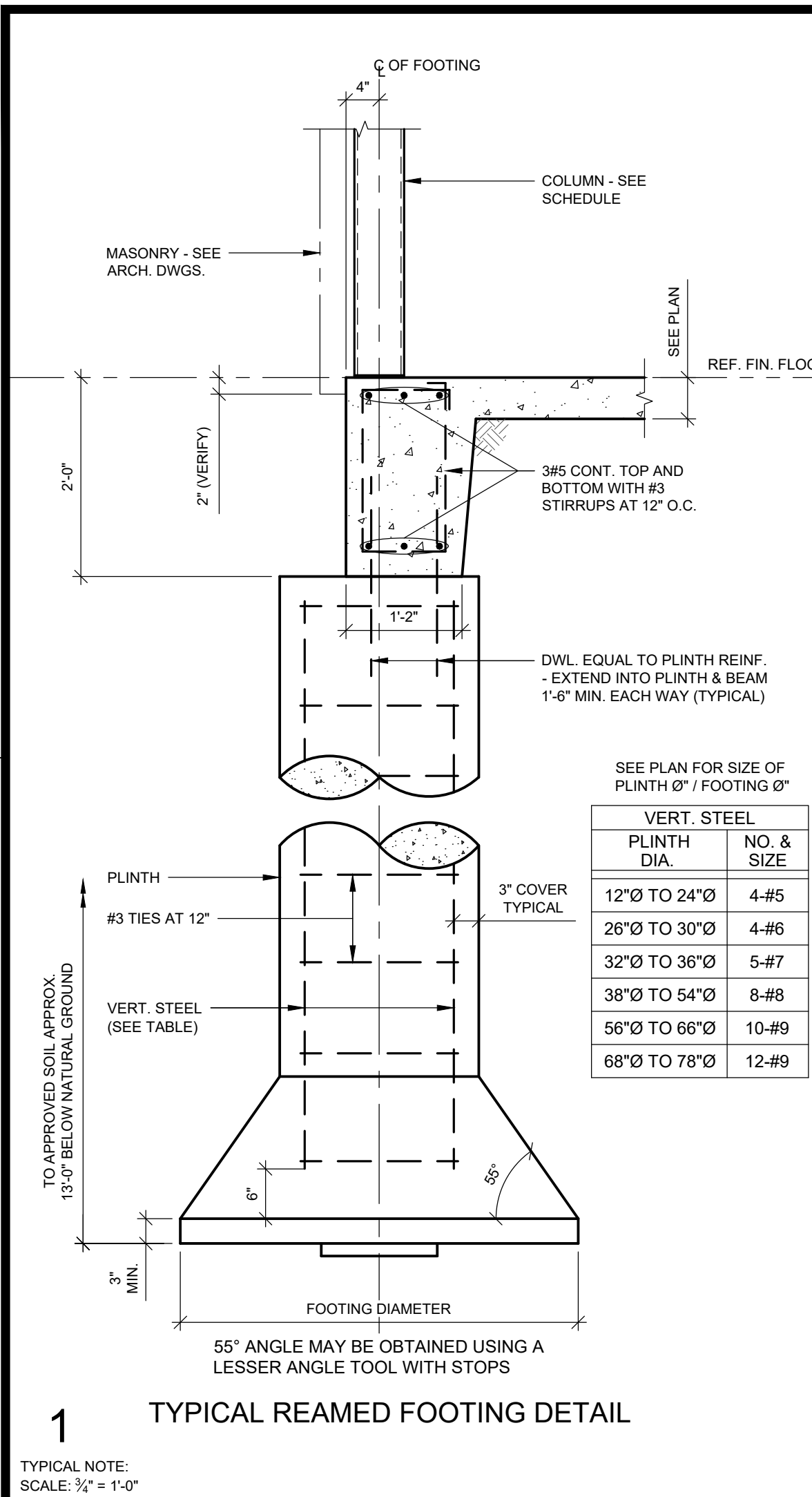


**SAW CUT PLAN**  
SCALE: 1/8" = 1'-0"



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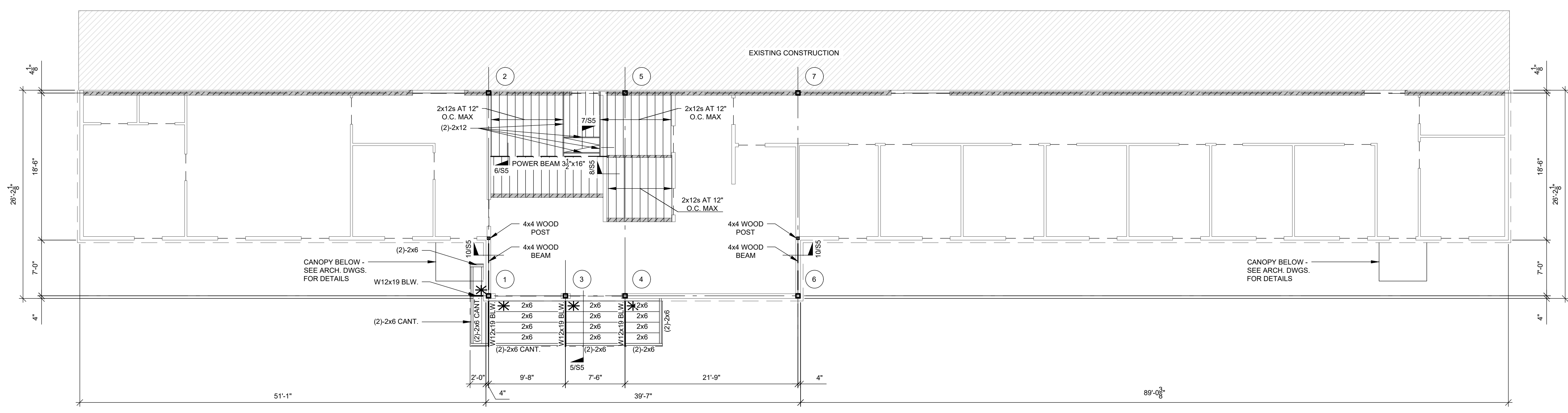
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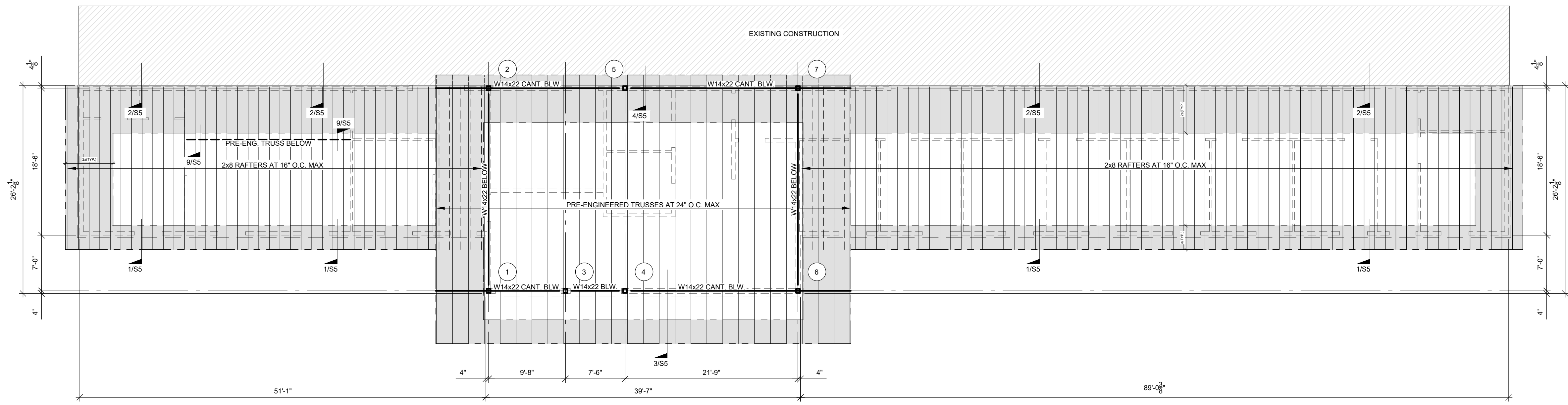


FILE # 21189 SE DET PROJECT # 21189  
**Fittz & Shipman** INC.  
Consulting Engineers and Land Surveyors  
1405 CORNERSTONE COURT BEAUMONT, TEXAS  
(409) 832-7238 FAX (409) 832-7303  
T.B.P.E. FIRM #1160 T.X.L.S. FIRM #100186



**MEZZANINE & CANOPY FRAMING PLAN**  
 SCALE: 1/8" = 1'-0"

- NOTES:
- SEE ARCHITECTS DRAWINGS FOR DETAILS AND DIMENSIONS NOT SHOWN.
  - SEE MANUFACTURER SPECIFICATIONS FOR SIMPSON CONNECTOR INSTALLATION PROCEDURE.
  - ON PLAN INDICATES HEADER LOCATION. HEADERS ARE 2-2x12s #2 SYP MINIMUM. FOR 2x4 STUD WALLS USE 2-2x12 HEADERS. FOR 2x6 STUD WALLS USE 3-2x12 HEADERS. FOR 2x8 STUD WALLS USE 4-2x12 HEADERS.
  - ON PLAN INDICATES LOAD BEARING WALLS.
  - ON PLAN INDICATES MOMENT CONNECTION. SEE TYPICAL DETAIL ON SHEET S2.



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

- NOTES:
- ON PLAN INDICATES COLUMN NUMBERS. SEE SHEET S2 FOR COLUMN SCHEDULE.
  - ELEV ON PLAN INDICATES TOP OF STEEL (T.O.S.)/BOTTOM OF DECK ELEVATIONS AT COLUMN AND/OR BEAM CENTERLINES. FROM REF. FIN. FLOOR.
  - SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
  - ON PLAN INDICATES FOR WIND PRESSURE ZONES - SEE SHEET S1 AND DECK NAILING PATTERN ON THIS SHEET.
  - SEE MANUFACTURER SPECIFICATIONS FOR SIMPSON CONNECTOR INSTALLATION PROCEDURE.

NOTE:  
 PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS WITH ALL DIMENSIONS SHOWN ON ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL TIMELY REPORT ANY DISCREPANCIES TO ARCHITECT.

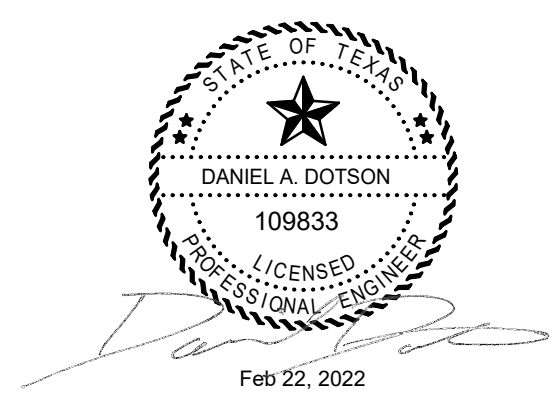
**CLIPPING SCHEDULE \***

STUD TO SOLE PLATE	SIMPSON H2.5A OR 6" SDWC
STUD TO TOP PLATE	SIMPSON H2.5A OR 6" SDWC
RAFTER TO TOP PLATE	SIMPSON H2.5A OR 6" SDWC

\* ALL CLIPS SHALL BE ON THE SAME SIDE OF THE WALL

**DECKING NAILING SCHEDULE**

DECKING	PATTERN ON PLAN	NAILING AT BUTT ENDS AT SUPPORT	NAILING IN FIELD AT SUPPORTS	BLOCKED
3/4" PLYWOOD		4"	6"	NO
3/4" PLYWOOD		6"	12"	NO



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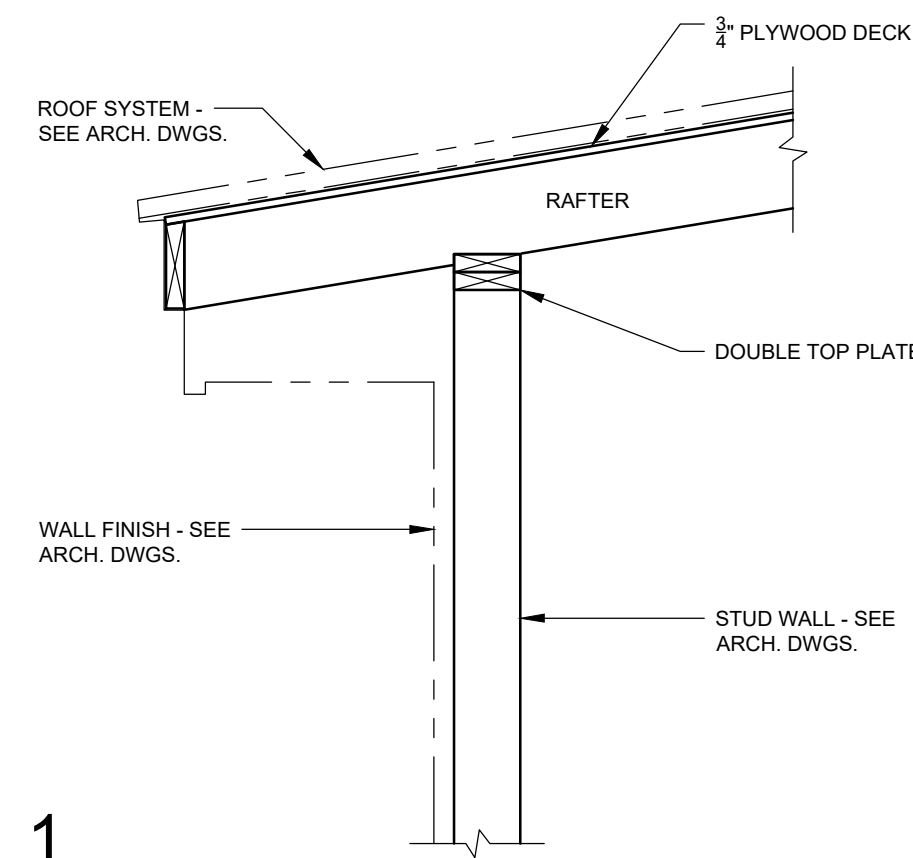
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SPINDLETOP SILSBEE  
 Spindletop MHMR

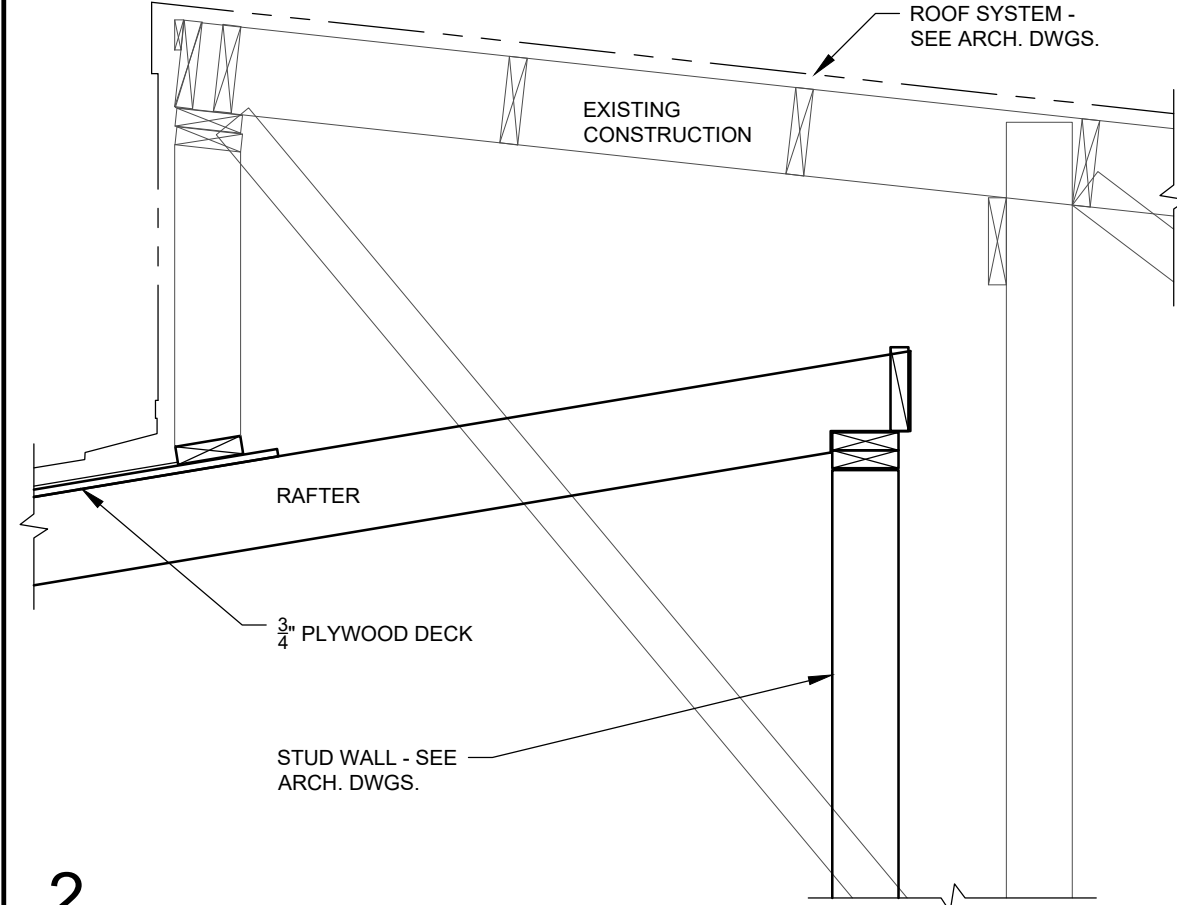
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 DATE: 11-15-21  
 DESIGN DEVELOPMENT   
 DATE: .  
 BIDS & CONSTRUCTION   
 DATE: 02-28-22  
 REVISION: DATE: \_\_\_\_\_  
 REVISION: DATE: \_\_\_\_\_  
 REVISION: DATE: \_\_\_\_\_

DRAWINGS SHEET TITLE  
**FRAMING PLANS**

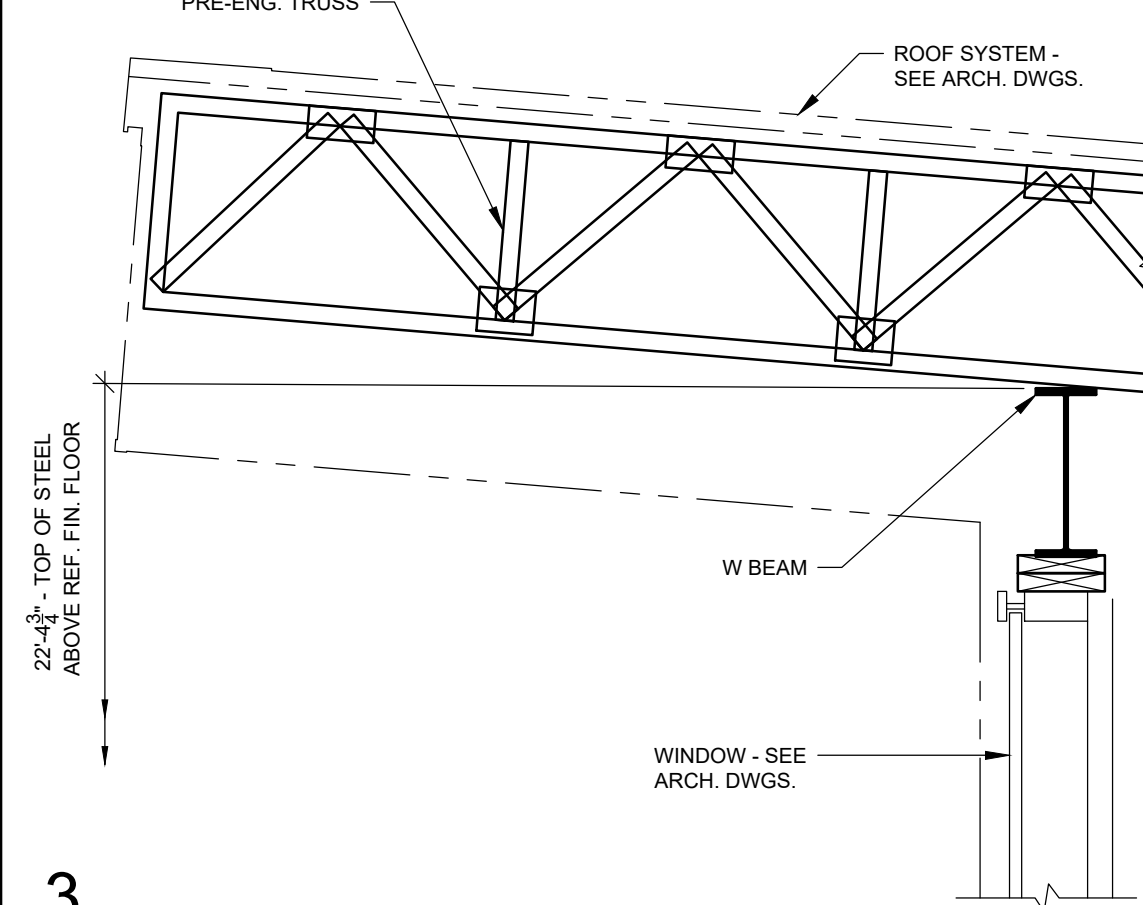
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 PROJECT NUMBER  
**21061**



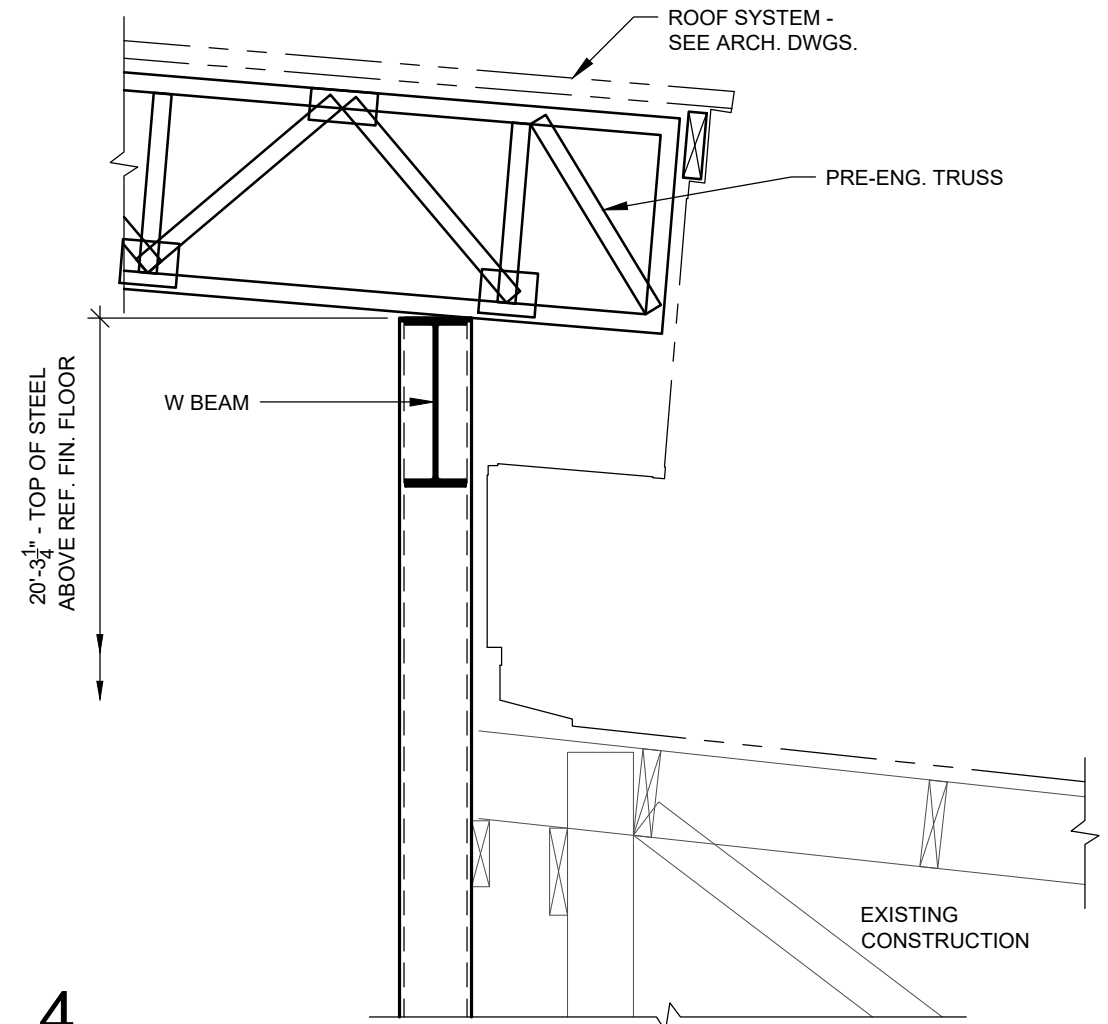
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TYPICAL NOTE:  
SCALE: 3/8" = 1'-0"



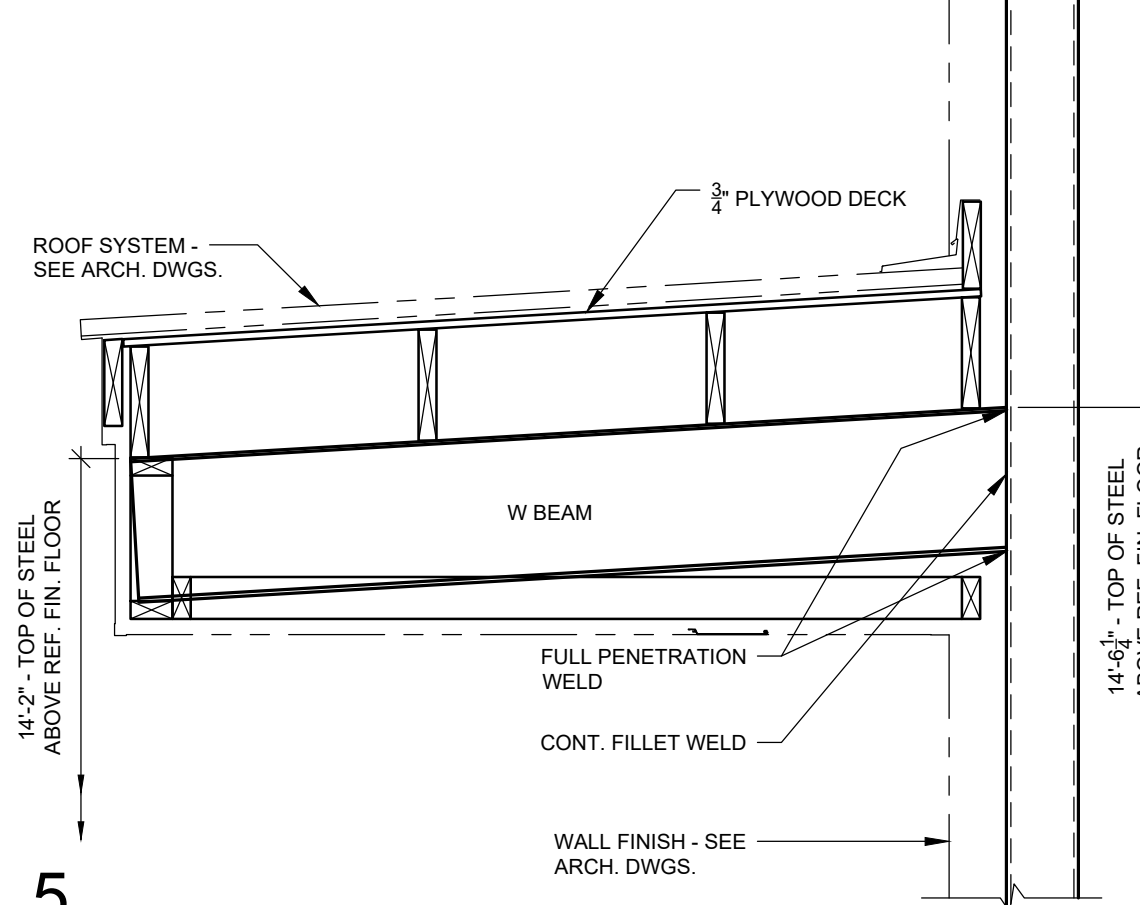
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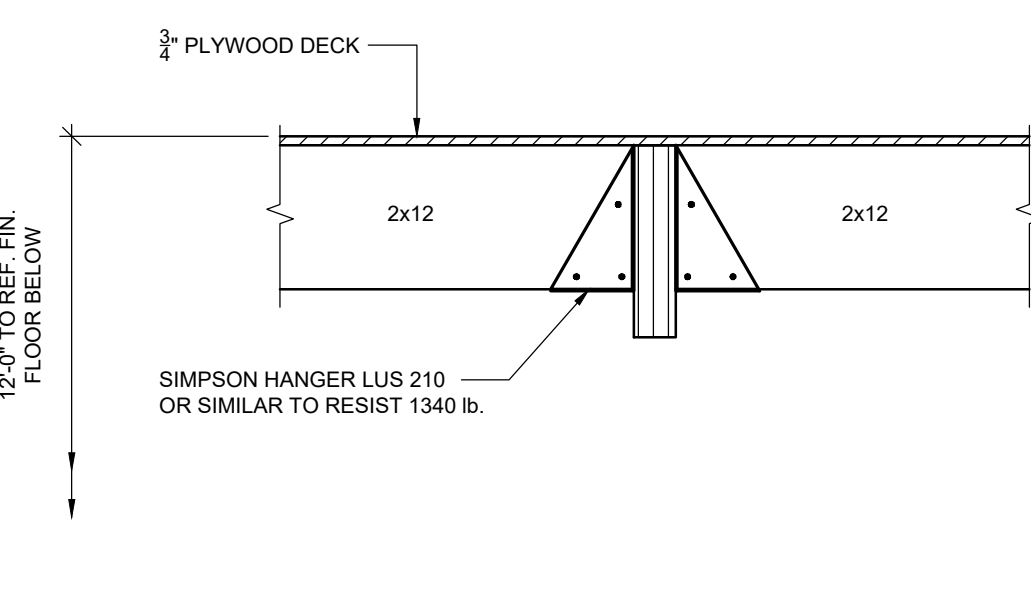
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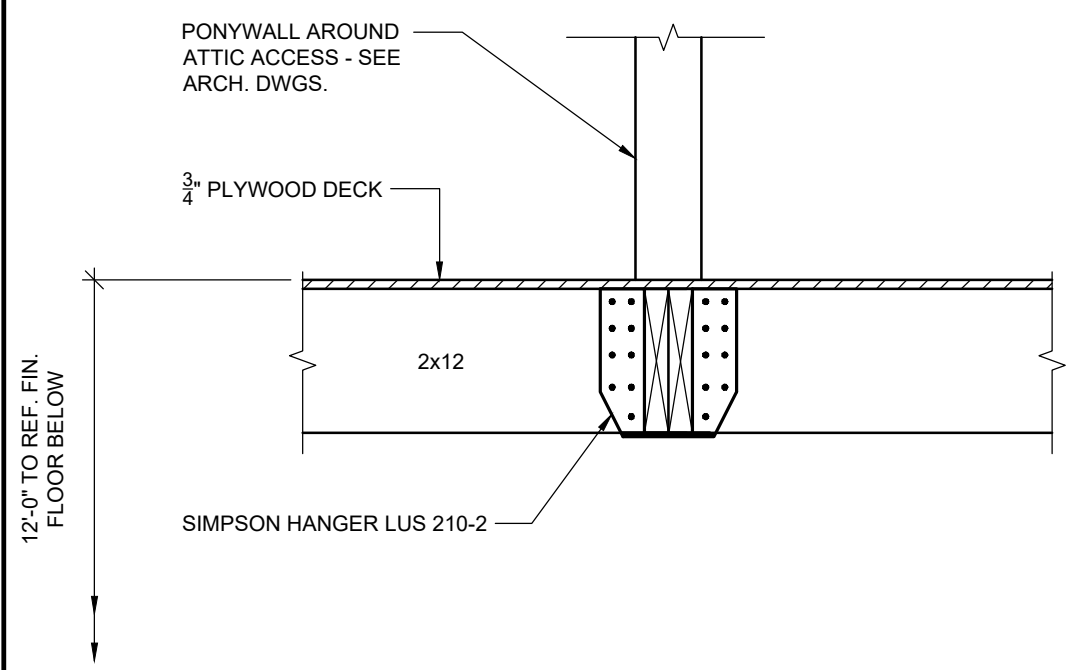
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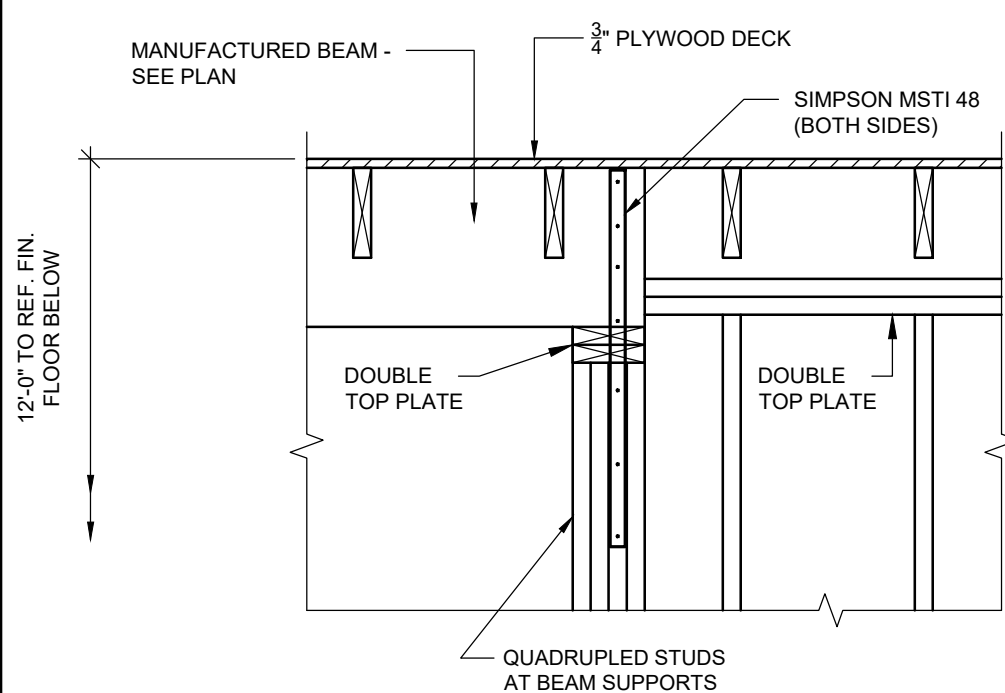
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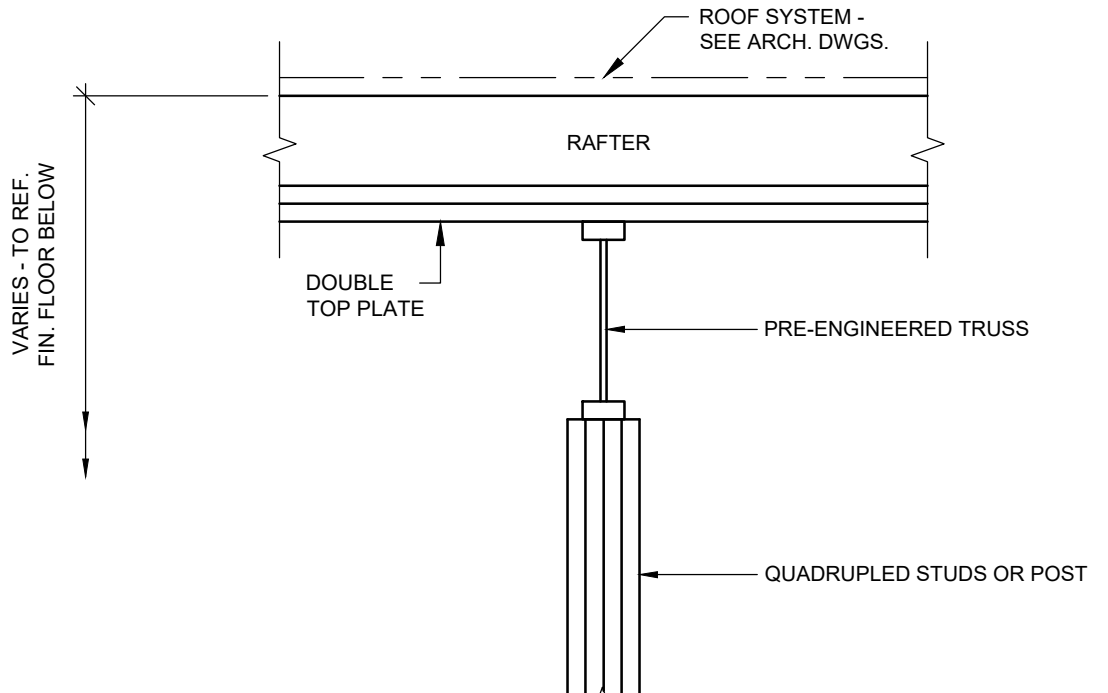
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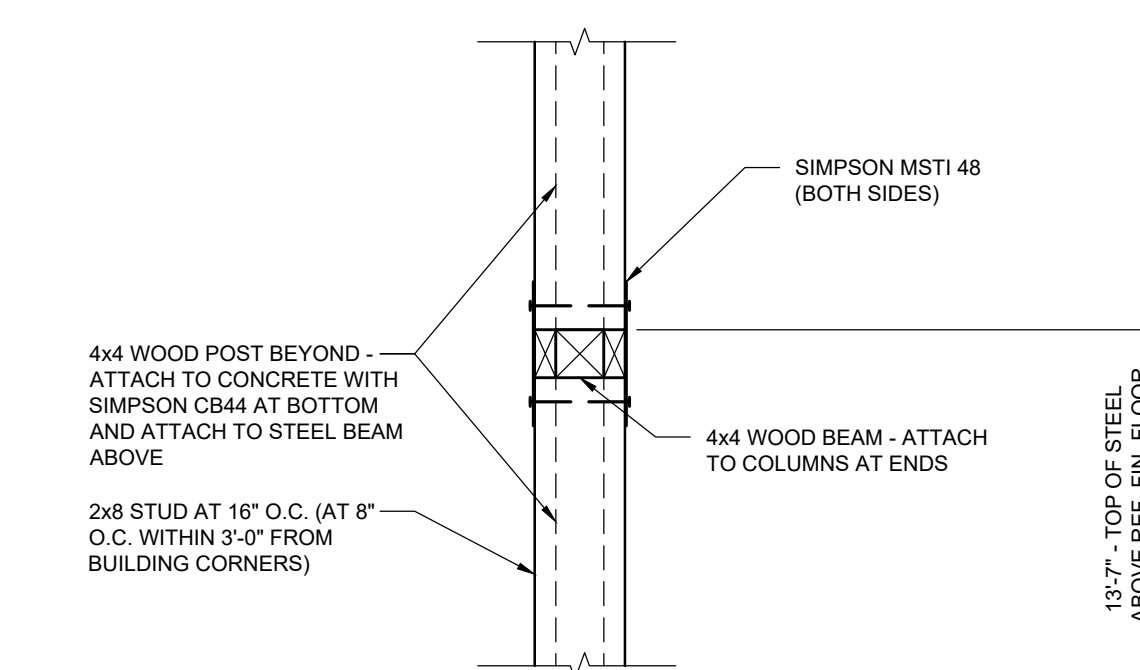
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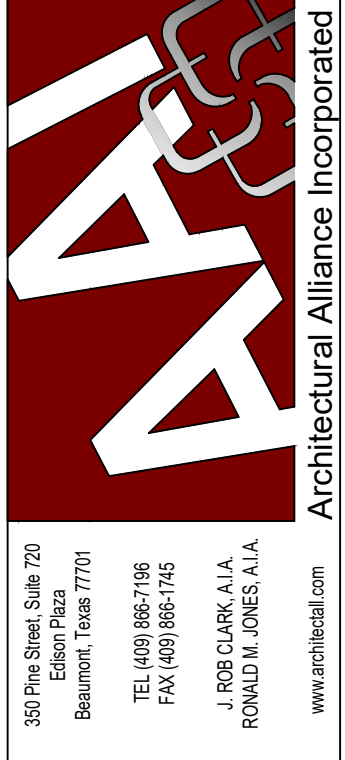
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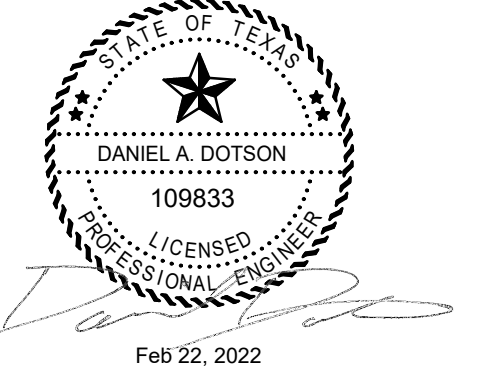
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Spindletop MHMR

222 Durbin Dr

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DESIGN DEVELOPMENT	<input type="checkbox"/>
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REVISION:	
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DRAWINGS SHEET TITLE  
FRAMING  
DETAILS

SHEET NUMBER  
S5  
PROJECT NUMBER  
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