

GENERAL NOTES

BUILDING CODE

BUILDING CODE USED IBC 2018

DESIGN LIVE LOADS

ROOF	20 P.S.F.
CEILING	10 P.S.F.
SECOND FLOOR	100 P.S.F.
FOLDING PARTITION	200 P.L.F.
STAGE	150 P.S.F.
WIND SPEED (3 SEC GUST EXP. C. CAT. III)	148 M.P.H.
WIND PRESSURES - MWFRS TRANSVERSE DIRECTION	
INTERIOR ZONES - WALLS	28.9 P.S.F.
ROOF	0.4 P.S.F.
WALL	41.5 P.S.F.
END ZONE	-2.1 P.S.F.
WIND PRESSURES - MWFRS LONGITUDINAL DIRECTION	
INTERIOR ZONE - WALL	-20.9 P.S.F.
END ZONE - WALL	-31.5 P.S.F.
COMPONENTS AND CLADDING	
ZONE 1	-50.9 P.S.F.
ZONE 1 OVERHANG	-60.6 P.S.F.
ZONE 2a	-50.9 P.S.F.
ZONE 2a OVERHANG	-60.6 P.S.F.
ZONE 2b	-81.2 P.S.F.
ZONE 2r	-81.2 P.S.F.
ZONE 2b OVERHANG	-90.9 P.S.F.
ZONE 2c OVERHANG	-80.9 P.S.F.
ZONE 3a	-81.2 P.S.F.
ZONE 3r	-94.8 P.S.F.
ZONE 3a OVERHANG	-109.1 P.S.F.
ZONE 3c OVERHANG	-118.0 P.S.F.
ZONE 4	-38.8 P.S.F.
ZONE 5	-47.9 P.S.F.
POSITIVE ZONE 4 & 5	35.8 P.S.F.

CONCRETE

CONCRETE FOR FOOTINGS SHALL TEST 2500 P.S.I. AT 28 DAYS AND NOT CONTAIN MORE THAN 15% FLY ASH. ALL OTHER CONCRETE SHOWN AND CALLED FOR ON S SHEETS SHALL TEST 3000 P.S.I. AT 28 DAYS AND SHALL NOT CONTAIN FLY ASH.

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 (60 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" (C₁) 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 (OUTSIDE FACE SHALL BE FULLY BORED FORMED; 3" COVER SHALL BE PROVIDED ON SIDES POURED AGAINST AND IN CONTACT WITH EARTH)

STAGE WOOD FRAMING

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

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.

SOLE PLATE SHALL BE ANCHORED TO THE FOUNDATION WITH 1/2" X 8" J OR L BOLTS (OR EQUIVALENT), EMBEDDED 3 INCHES, EVERY 48 INCHES ON CENTERS.

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.

STAGE FLOOR DECK SHALL BE 1/2" PLYWOOD.

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.

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.

SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, SLOPES, AND THE LOCATION OF DEPRESSED FLOOR AREAS.

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

PRE-ENGINEERED BUILDING

SEE PREFABRICATED BUILDING MANUFACTURER'S DRAWINGS FOR STEEL FRAMING. THE GENERAL CONTRACTOR SHALL PROVIDE AND SET ANCHOR BOLTS AS PER THE PREFABRICATED BUILDING MANUFACTURER'S DRAWINGS. THE PREFABRICATED BUILDING SHALL BE DESIGNED FOR LOADS PREVIOUSLY LISTED.

THE MAXIMUM DRIFT AND LATERAL DEFLECTION DUE TO WIND LOADS SHALL NOT EXCEED L/400 OF THE BUILDING HEIGHT.

THE PRE-ENGINEERED BUILDING MANUFACTURER SHALL DESIGN ANCHOR BOLTS AND SHALL PROVIDE AN ANCHOR BOLT SETTING PLAN. THE GENERAL CONTRACTOR SHALL PURCHASE AND SET ANCHOR BOLTS AS PER PRE-ENGINEERING BUILDING MANUFACTURER'S DRAWINGS.

ALL PRE-ENGINEERED BUILDING 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 SEALED AND SIGNED BY THE ENGINEER OF RECORD AND SHALL BE INDEXED AND TABBED FOR EASY REVIEW.

METAL STUD WALLS

ALL METAL STUD WALL FRAMING SHALL BE FURNISHED IN ACCORDANCE WITH DESIGN PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF TEXAS USING THE DESIGN LIVE LOADS LISTED ABOVE IN THESE DOCUMENTS. STUD DESIGN TO CONFORM TO AMERICAN IRON AND STEEL INSTITUTE SPECIFICATIONS FOR COLD-FORM STEEL STRUCTURAL MEMBERS. SHOP DRAWINGS, INCLUDING AN OVERALL ERECTION PLAN, REQUIRED LATERAL BRACING, MEMBER SIZES, GAUGES, AND CONNECTIONS SHALL BE SUBMITTED FOR PRIOR APPROVAL TO THE ARCHITECT AND THE ENGINEER OF RECORD. COLD FORM STEEL DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN OF THE STUDS AND THEIR CONNECTIONS TO THE SUPPORTING STRUCTURE. CERTIFIED CALCULATIONS SHALL BE PROVIDED FOR ALL FRAMING MEMBERS AND CONNECTION DESIGNS. CALCULATIONS SHALL BE SEALED AND SIGNED BY AN ENGINEER REGISTERED IN THE STATE OF TEXAS. ALL SHOP DRAWINGS MUST BE APPROVED PRIOR TO ERECTION OF METAL STUDS.

FOR BIDDING PURPOSES USE FOR INTERIOR STUDS:
 6 INCH S137 20 GA 33KSI AT 24 INCHES O.C. MAX. 18'-11" MAX HT
 6 INCH S162 20 GA 33KSI AT 24 INCHES O.C. MAX. 19'-10" MAX HT
 FOR BIDDING PURPOSES USE FOR EXTERIOR STUDS IN ZONE 4:
 6 INCH S137 16 GA 50KSI AT 12 INCHES O.C. MAX. 15'-0" MAX HT
 6 INCH S162 16 GA 50KSI AT 16 INCHES O.C. MAX. 15'-0" MAX HT
 FOR BIDDING PURPOSES USE FOR EXTERIOR STUDS IN ZONE 5:
 6 INCH S162 16 GA 50KSI AT 12 INCHES O.C. MAX. 16'-0" MAX HT
 6 INCH S200 14 GA 50KSI AT 16 INCHES O.C. MAX. 15'-0" MAX HT

WINDSTORM

IMPACT RESISTANT GLAZING REQUIRED FOR WINDSTORM CERTIFICATION.

SUBGRADE / FILL / SITE PREPARATION

THE BUILDING AREA SHALL BE STRIPPED OF ALL VEGETATION, TOPSOIL, CONCRETE AND UNDERLYING POOR-QUALITY FILL TO AN APPROXIMATE DEPTH OF TWELVE INCHES (12 INCHES). ANY ROOTS LARGER THAN ONE-HALF INCH IN DIAMETER SHALL BE GROUND. ALL SOFT SPOTS IN THE SUBGRADE SHALL BE EXCAVATED TO FIRM SOIL. THE EXPOSED SUBGRADE SHALL BE SCARIFIED TO A DEPTH OF TWELVE INCHES 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 EIGHT INCHES (8-INCHES) OF COMPACTED SELECT FILL SHALL BE PLACED BELOW THE FLOOR SLAB FROM THE PREPARED SUBGRADE TO THE BOTTOM OF THE SLAB. 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 MUST 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.

SOIL BEARING PRESSURE

A SOIL BEARING PRESSURE OF 3100 P.S.F. FOR DEAD LOAD PLUS TOTAL LIVE LOAD AND 2100 P.S.F. FOR DEAD LOAD PLUS 1/2 LIVE LOAD WAS USED TO SIZE FOOTINGS IN ACCORDANCE WITH SCIENCE ENGINEERING, LTD'S. GEOTECHNICAL ENGINEERING REPORT PROJECT NO. 16201 DATED AUGUST 2016.

INSURANCE CERTIFICATES

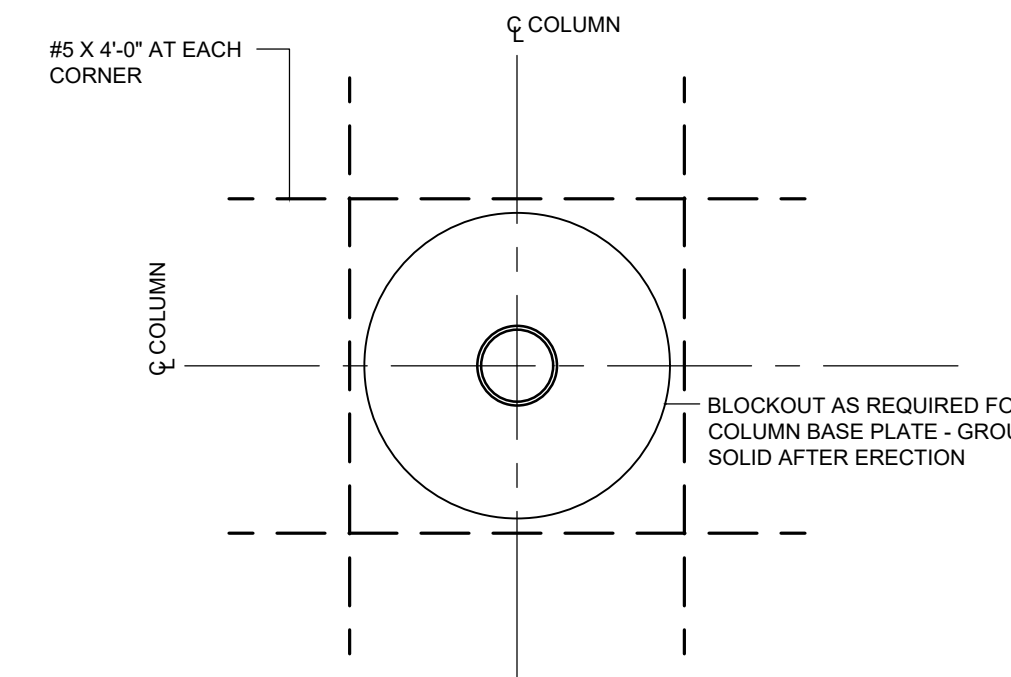
CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WINDSTORM INSURANCE CERTIFICATE FROM THE STATE BOARD OF INSURANCE AND SHALL COORDINATE WITH THE ENGINEER OF RECORD IN PERFORMING THE REQUIRED WINDSTORM FIELD INSPECTIONS. CONTRACTOR SHALL PAY TO THE ENGINEER OF RECORD A FEE SET BY THE ENGINEER OF RECORD FOR THE WINDSTORM INSPECTIONS AND CERTIFICATE.

REPRODUCTION NOTE

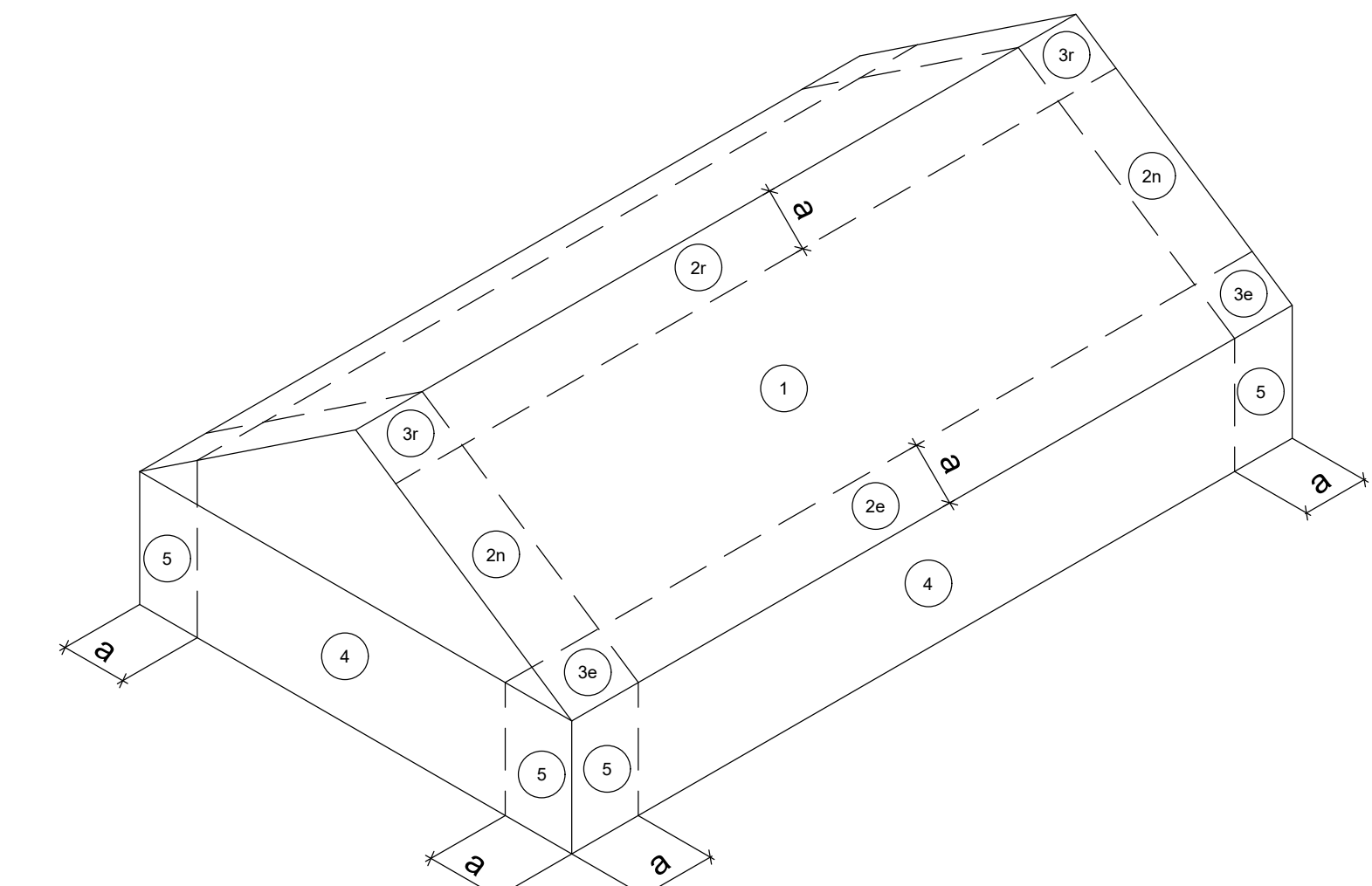
THE USE OF THESE CONTRACT DRAWINGS IN LIEU OF PREPARATION OF SHOP DRAWINGS CONSTITUTES ACCEPTANCE THAT ALL INFORMATION SHOWN HEREON IS CORRECT, AND CONSTITUTES ACCEPTANCE OF ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO THEIR USE. SHOP DRAWINGS MAY NOT BE PRODUCED BY USING REPRODUCTIONS OF THESE CONTRACT 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:
 APPROVAL: CONSTRUCTION JOINTS SHOULD BE IN THE MIDDLE 1/3 SPAN AND NOT NEAR ANY CONCENTRATED LOADS
 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.

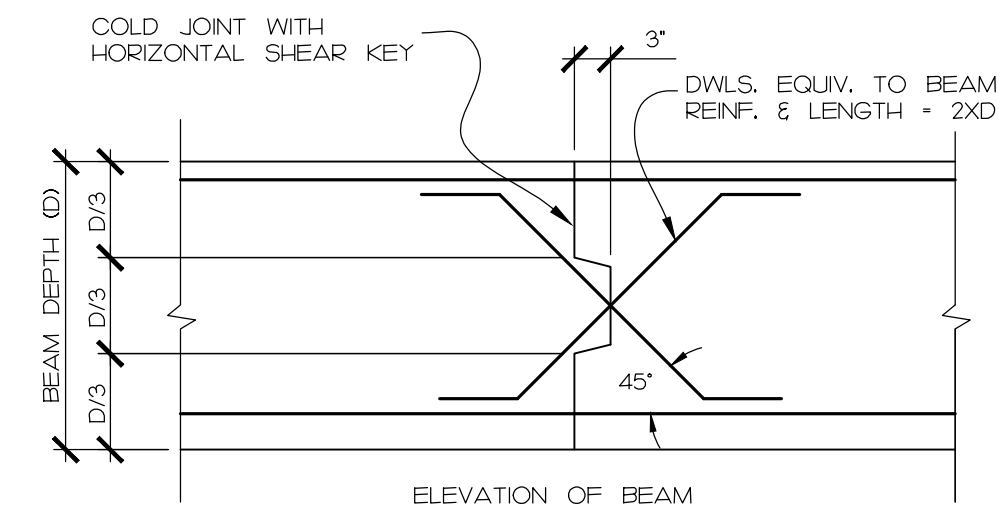


TYPICAL COLUMN BLOCKOUT PLAN

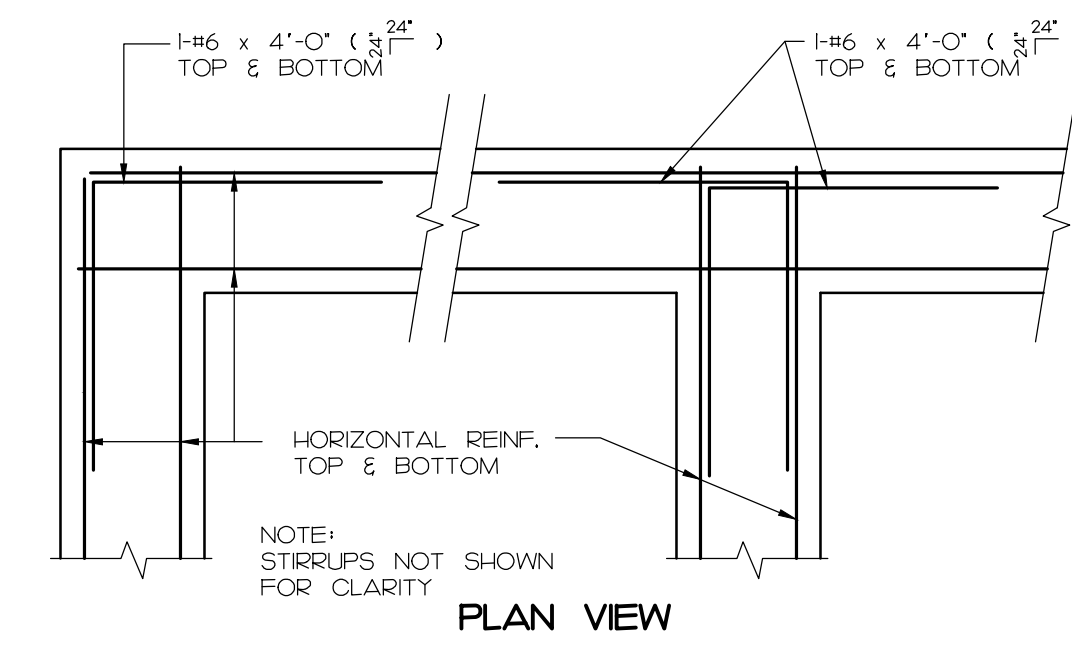


LOCATION OF WIND PRESSURE ZONES

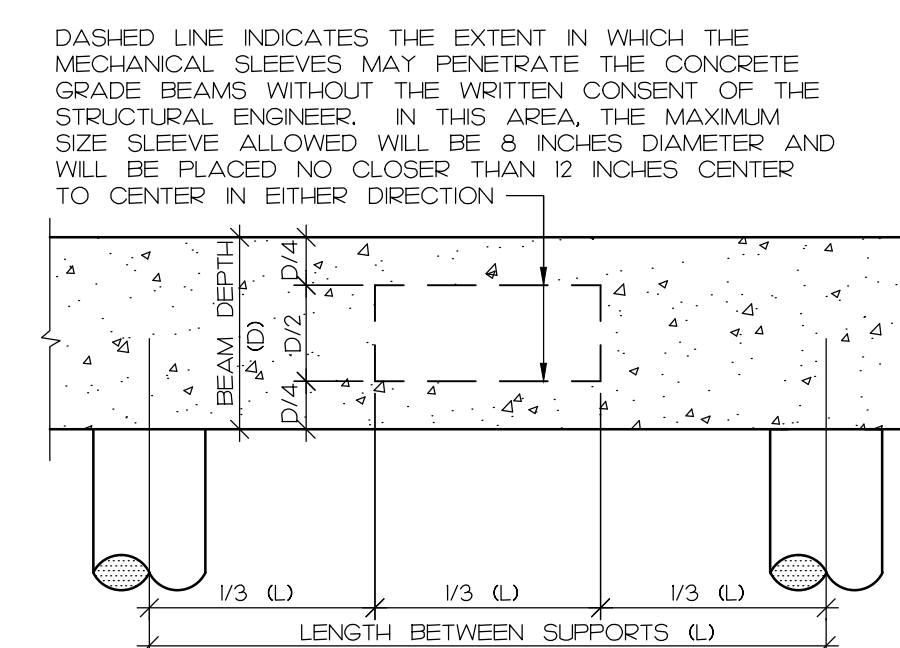
SCALE: N.T.S.
 (COMPONENTS & CLADDING)
 (OTHER TWO PHASES HAVE SAME ZONES)
 a = 8'-4"



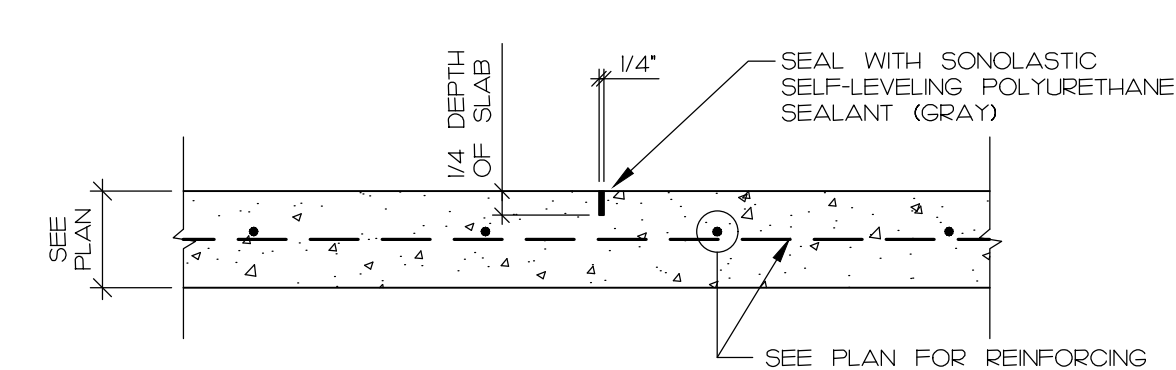
TYPICAL CONSTRUCTION JOINT DETAIL GRADE BEAM



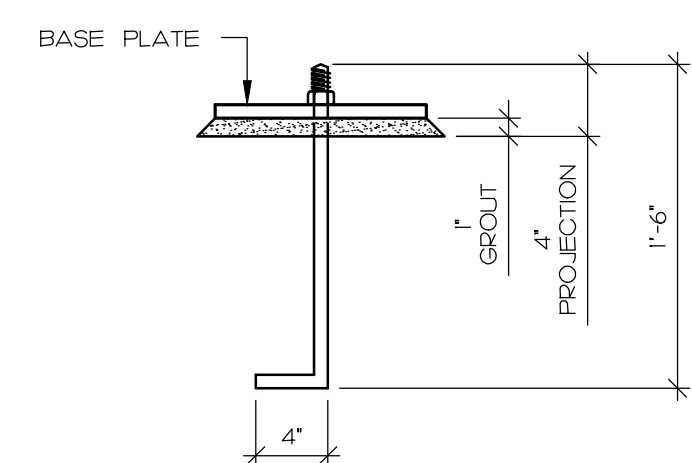
TYPICAL CORNER BAR DETAIL CONCRETE BEAM OR WALL



TYPICAL MECHANICAL SLEEVE THRU GRADE BEAM

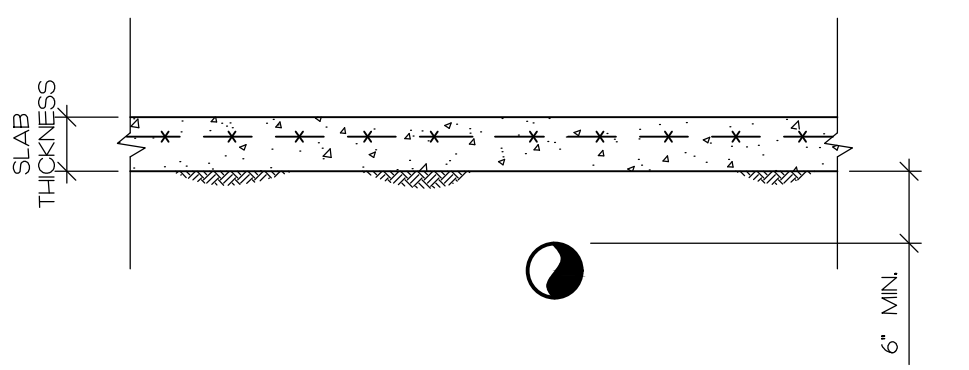


SAWED CONTROL JOINT



TYPICAL ANCHOR BOLT

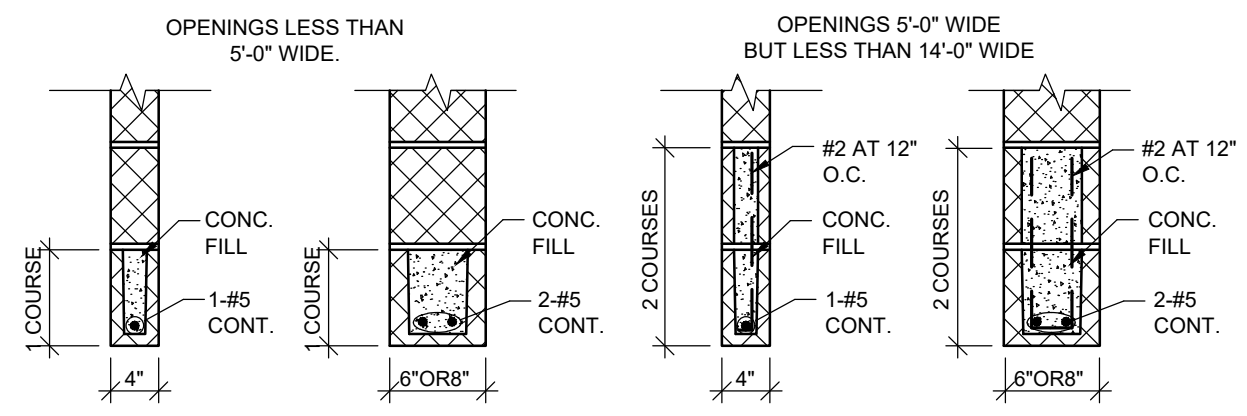
SCALE: N.T.S.
 NOTE:
 L ANCHOR BOLT SHALL BE AS SHOWN



TYPICAL CONDUIT/PIPE LOCATION DETAIL

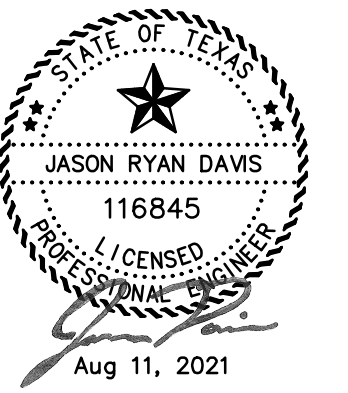
LOOSE LINTEL SCHEDULE		
NOTE: PROVIDE 8" MINIMUM BEARING EACH END FOR STEEL GALVANIZED LOOSE LINTELS. ONE ANGLE SHALL BE PROVIDED FOR EACH WYTHE OF BRICK. SEE ARCHITECTURAL DRAWINGS FOR LOCATION.		
MASONRY OPENING	SIZE	DETAIL
LESS THAN 6'-0"	L3 1/2 X 3 1/2 X 1/4	L
6'-0" BUT LESS THAN 7'-0"	L4 X 3 1/2 X 1/4	L
7'-0" BUT LESS THAN 8'-0"	L5 X 3 1/2 X 1/4	L
8'-0" BUT LESS THAN 11'-0"	L6 X 3 1/2 X 5/16 *	L

* PROVIDE TEMPORARY SUPPORT AT MID SPAN UNTILL MASONRY IS SET



NOTE:
 PROVIDE BLOCK LINTELS FOR ALL OPENINGS IN INTERIOR BLOCK PARTITIONS AND IN EXTERIOR BLOCK WALLS FOR WHICH STEEL LINTELS ARE NOT SCHEDULED. SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATIONS OF OPENINGS. PROVIDE 8" MINIMUM BEARING AT EACH END.

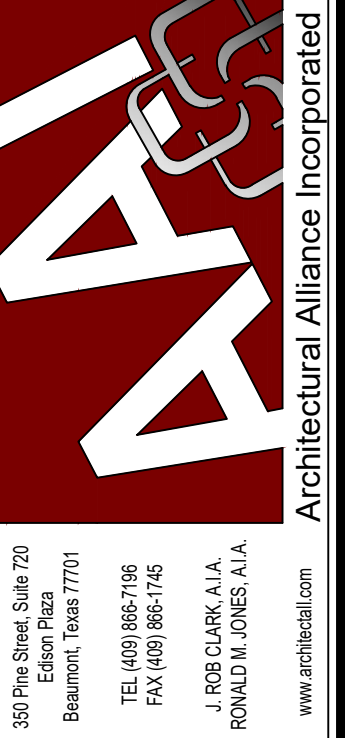
TYPICAL BLOCK LINTEL DETAILS



FILE # 21030_SE_DET PROJECT # 21030

OWNERSHIP OF DOCUMENTS

THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF FITZ & SHIPMAN, INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF FITZ & SHIPMAN, INC. © COPYRIGHT 2021 FITZ & SHIPMAN, INC.



JAMES R. CLARK, AIA
 TEXAS REG. # 8212
 DATE: 8/11/2021
 THIS DOCUMENT MAY NOT BE USED FOR BIDDING, PERMIT, OR CONSTRUCTION PURPOSES.

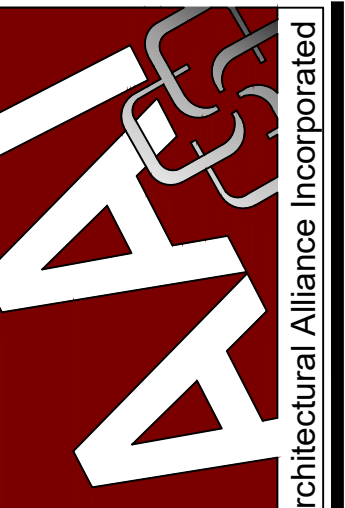
RONALD M. JONES, AIA
 TEXAS REG. # 13662
 DATE: 8/11/2021
 THIS DOCUMENT MAY NOT BE USED FOR BIDDING, PERMIT, OR CONSTRUCTION PURPOSES.

UNITED CHRISTIAN ACADEMY
 First Pentecostal Church
 10619 Highway 69

ISSUED FOR SCHEMATIC DESIGN
 DATE: 10/6/2020
 DESIGN DEVELOPMENT
 DATE: 3/5/2021
 BIDS & CONSTRUCTION
 DATE: 8/2/2021
 REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____

DRAWINGS SHEET TITLE
GENERAL NOTES & TYPICAL DETAILS

SHEET NUMBER
S1
 20105
 PROJECT NUMBER



30175th Street, Suite 720
Edinburg
Edinburg, Texas 77725
TEL: (409) 862-3148
FAX: (409) 865-1745
J. ROB CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.aiaall.com

JAMES R. CLARK, AIA
TEXAS REG. # 8212
DATE: 8/2/2021
THIS DOCUMENT MAY NOT
BE USED FOR BIDDING,
PERMIT, OR CONSTRUCTION
PURPOSES.

RONALD M. JONES, AIA
TEXAS REG. # 13662
DATE: 8/2/2021
THIS DOCUMENT MAY NOT
BE USED FOR BIDDING,
PERMIT, OR CONSTRUCTION
PURPOSES.

UNITED CHRISTIAN ACADEMY
First Pentecostal Church
10619 Highway 69
Port Arthur, TX 77642

ISSUED FOR SCHEMATIC DESIGN
DATE: 10/6/2020
DESIGN DEVELOPMENT
DATE: 3/5/2021
BIDS & CONSTRUCTION
DATE: 8/2/2021
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
GRADE BEAM SCHEDULE
SHEET NUMBER
S2
20105
PROJECT NUMBER

GRADE BEAM SCHEDULE

BEAM		MAIN REINFORCING				STIRRUPS		REMARKS		
MARK	SIZE	No	Sz	Length	Placing	Sketch	No		Sz	Typ
GB1	14 W 24 D	2	5		TOP L-0.4 BTM L-0.4		3	3	S1	LE-1@12.2@24 RE-1@5.4@10.2@24
GB2	14 W 24 D	2	5		TOP L-2.7 BTM L-0.6		7	3	S1	LE-1@5.4@10.2@24 RE-1@12.2@24
GB3	14 W 24 D	2	5		TOP L-0.4 BTM L-0.4		11	3	S1	LE-1@5.8@10.2@24 RE-1@5.8@10.2@24
GB4	14 W 24 D	2	7		TOP L-0.4 BTM L-0.4		8	3	S1	LE-1@5.5@10.2@24 RE-1@5.12@10.2@24
GB5	14 W 24 D	2	7		TOP L-5.0 BTM L-0.6		13	3	S1	LE-1@5.11@10.1@24 RE-1@5.8@10.2@24
GB6	14 W 24 D	2	5		TOP L-2.8 BTM L-0.6		12	3	S1	LE-1@5.9@10.2@24 RE-1@5.8@10.2@24
GB7	14 W 24 D	2	7		TOP L-4.4 BTM L-0.6		11	3	S1	LE-1@5.8@10.2@24 RE-1@5.10@10.2@24
GB8	14 W 24 D	2	6		TOP L-4.6 BTM L-0.6		16	3	S1	LE-1@5.13@10.2@24 RE-1@5.8@10.2@24
GB9	14 W 24 D	2	5		TOP L-0.4 BTM L-0.4		11	3	S1	LE-1@5.9@10.1@24 RE-1@5.8@10.3@24
GB10	14 W 24 D	2	5		TOP L-0.4 BTM L-0.4		2	3	S1	LE-1@12.1@24 RE-1@12.2@24
GB11	14 W 24 D	2	5		TOP L-0.4 BTM L-0.4		2	3	S1	LE-1@12.1@24 RE-1@12.1@24
GB12	14 W 24 D	2	7		TOP L-0.4 BTM L-0.4		9	3	S1	LE-1@5.7@10.1@24 RE-1@5.11@10.3@24
GB13	14 W 24 D	2	6		TOP L-4.1 BTM L-0.6		12	3	S1	LE-1@5.9@10.2@24 RE-1@5.8@10.2@24
GB14	14 W 24 D	2	5		TOP L-3.5 BTM L-0.6		12	3	S1	LE-1@5.9@10.2@24 RE-1@5.8@10.2@24
GB15	14 W 24 D	2	7		TOP L-4.5 BTM L-0.6		11	3	S1	LE-1@5.8@10.2@24 RE-1@5.10@10.2@24
GB16	14 W 24 D	2	6		TOP L-4.6 BTM L-0.6		16	3	S1	LE-1@5.13@10.2@24 RE-1@5.8@10.2@24
GB17	14 W 24 D	2	5		TOP L-0.4 BTM L-0.4		1	3	S1	LE-1@12 RE-1@5.3@10.3@24
GB18	14 W 24 D	2	5		TOP L-3.4 BTM L-0.6		9	3	S1	LE-1@5.6@10.2@24 RE-1@5.7@10
GB19	14 W 24 D	2	5		TOP L-2.3 BTM L-0.6		3	3	S1	LE-1@12.2@24 RE-1@12.3@24
GB20	14 W 24 D	2	5		TOP L-2.10 BTM L-0.6		8	3	S1	LE-1@5.7@10 RE-1@5.8@10.2@24
GB21	14 W 24 D	2	5		TOP L-2.4 BTM L-0.6		5	3	S1	LE-1@5.3@10.1@24 RE-1@12.2@24
GB22	14 W 24 D	2	5		TOP L-0.4 BTM L-0.4		1	3	S1	LE-1@12 RE-1@12.3@24
GB23	14 W 24 D	2	5		TOP L-1.9 BTM L-0.6		4	3	S1	LE-1@12.3@24 RE-1@5.3@10.4@24
GB24	14 W 24 D	2	5		TOP L-3.5 BTM L-0.6		9	3	S1	LE-1@5.5@10.3@24 RE-1@5.8@10.3@24
GB25	14 W 24 D	2	5		TOP L-3.7 BTM L-0.6		9	3	S1	LE-1@5.6@10.2@24 RE-1@5.7@10.3@24
GB26	14 W 24 D	2	5		TOP L-3.9 BTM L-0.6		11	3	S1	LE-1@5.7@10.3@24 RE-1@5.7@10.3@24
GB27	14 W 24 D	2	5		TOP L-3.7 BTM L-0.6		10	3	S1	LE-1@5.6@10.3@24 RE-1@5.3@10.4@24
GB28	14 W 24 D	2	5		TOP L-1.9 BTM L-0.6		4	3	S1	LE-1@12.3@24 RE-1@12
GB29	14 W 24 D	2	5		TOP L-0.4 BTM L-0.4		8	3	S1	LE-1@5.3@10.4@24 RE-1@5.3@10.4@24
GB30	14 W 24 D	2	5		TOP L-0.4 BTM L-0.4		3	3	S1	LE-1@12.2@24 RE-1@12.3@24
GB31	14 W 24 D	2	5		TOP L-0.4 BTM L-0.4		8	3	S1	LE-1@5.3@10.4@24 RE-1@5.3@10.4@24
GB32	14 W 24 D	2	5		TOP L-0.4 BTM L-0.4		5	3	S1	LE-1@12.4@24 RE-1@12.4@24
GB33	14 W 24 D	2	5		TOP L-0.4 BTM L-0.4		2	3	S1	LE-1@12.1@24 RE-1@12.2@24

Notes:
 1 - Beam Size is in Inches.
 2 - Stirrup Spacing starts 12" from outside face of concrete at discontinuous ends and 6" from centerline of support where beams are continuous on each side of support.
 (L.E. - Left End, R.E. - Right End, LCANT - Cantilever to left of Span, RCANT - Cantilever to right of Span).
 3 - Stirrup Types: S1 ()



FILE # 21030_SE_DET PROJECT # 21030
OWNERSHIP OF DOCUMENTS
 THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF FITZ & SHIPMAN, INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF FITZ & SHIPMAN, INC.
 © COPYRIGHT 2021 FITZ & SHIPMAN, INC.

SAVED OWNER
 PLOT: ANDREW LEDUEP
 PLOT DATE: 8/2/2021 8:37 AM
 SHEET SIZE: ---

JAMES P. CLARK, AIA
TEXAS REG.# 8212
DATE: 8/17/2021
THIS DOCUMENT MAY NOT
BE USED FOR BIDDING,
PERMIT, OR CONSTRUCTION
PURPOSES.

RONALD M. JONES, AIA
TEXAS REG.# 13662
DATE: 8/17/2021
THIS DOCUMENT MAY NOT
BE USED FOR BIDDING,
PERMIT, OR CONSTRUCTION
PURPOSES.

UNITED CHRISTIAN ACADEMY
First Pentecostal Church

Port Arthur, TX 77642
10619 Highway 69

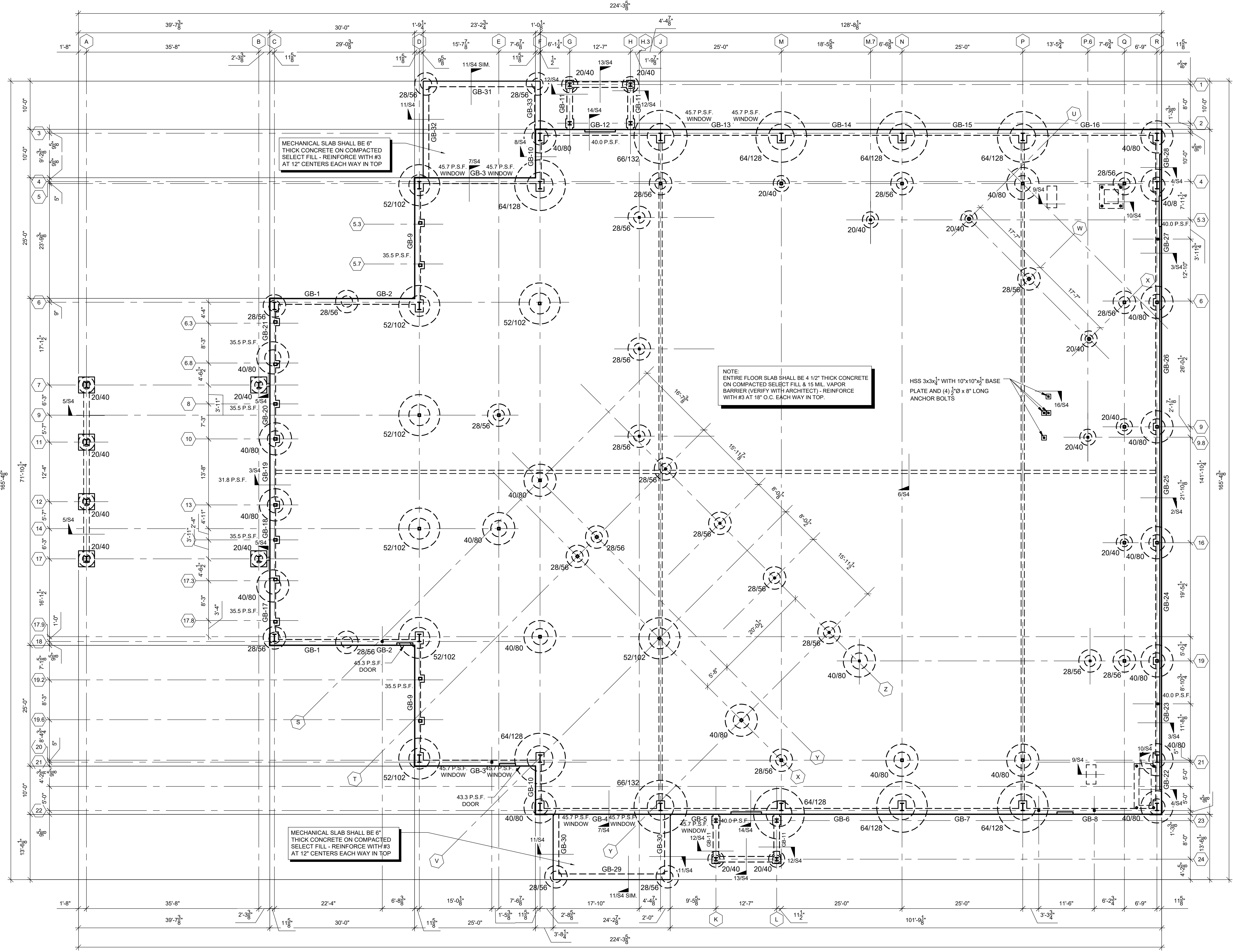
ISSUED FOR SCHEMATIC DESIGN
DATE: 10/6/2020
DESIGN DEVELOPMENT
DATE: 3/5/2021
BIDS & CONSTRUCTION
DATE: 8/2/2021

REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

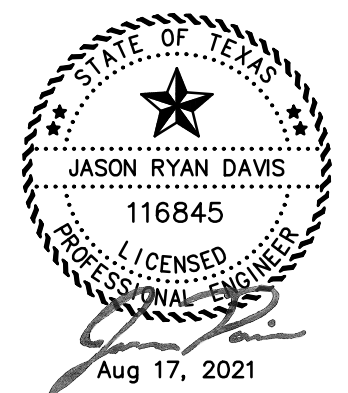
DRAWINGS SHEET TITLE
FOUNDATION PLAN

SHEET NUMBER
S3

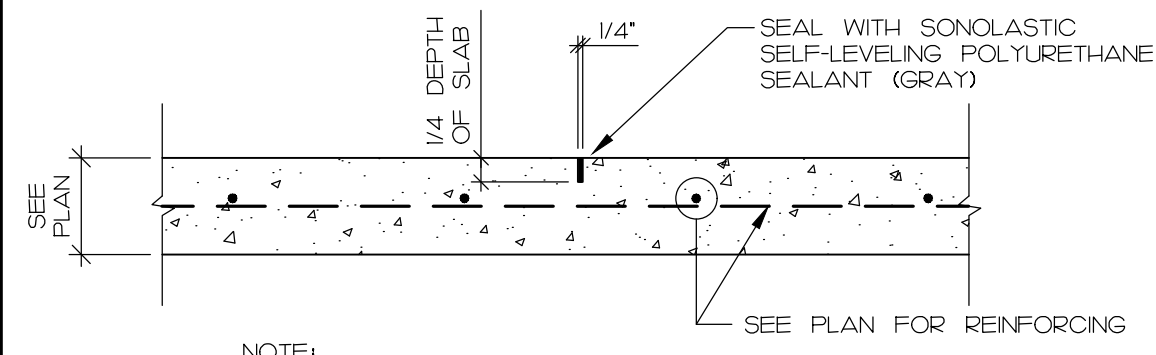
PROJECT NUMBER
20105



FOUNDATION PLAN
SCALE: 3/32" = 1'-0"
NOTES:

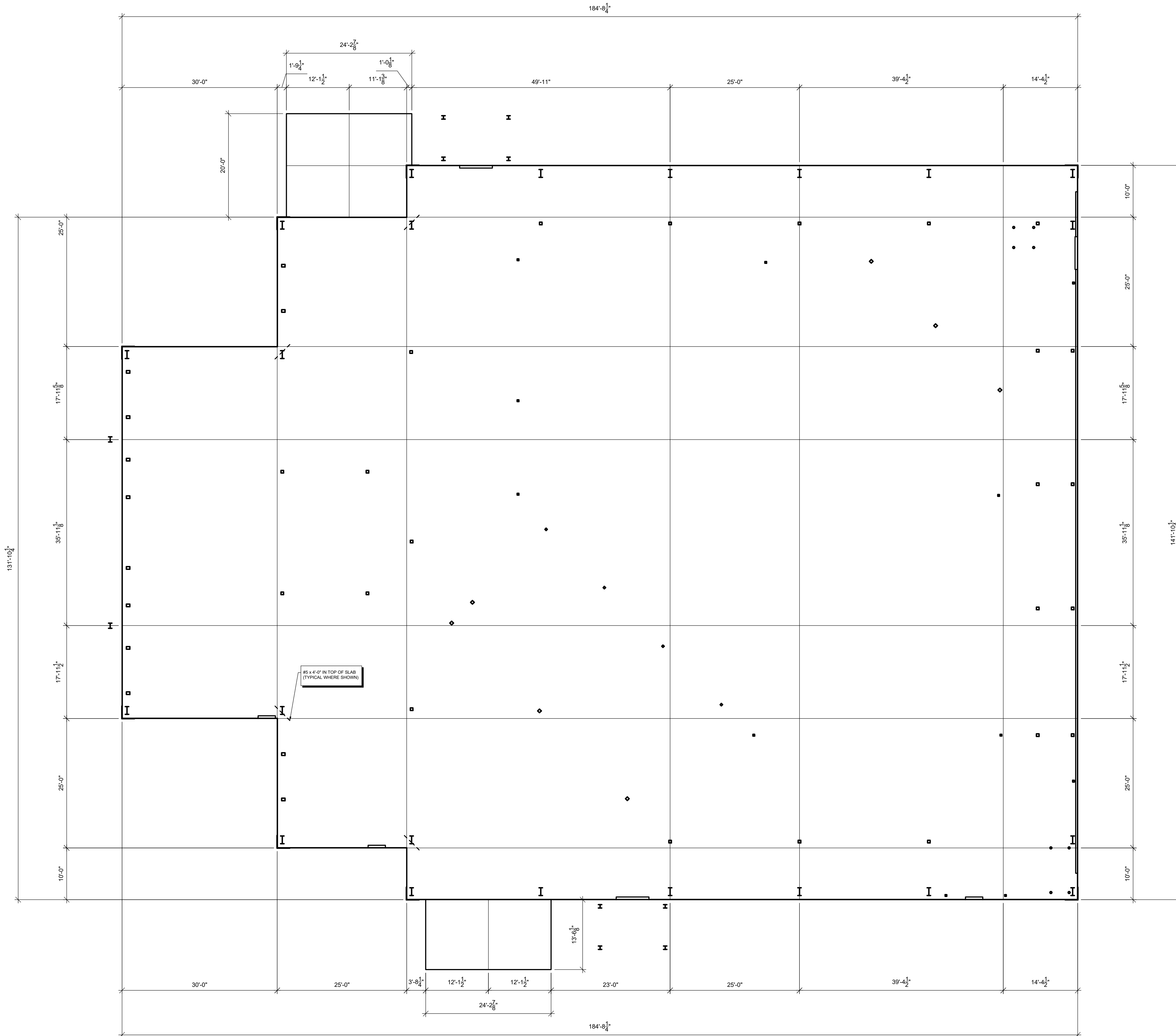


FILE # 21030 SE_FDN PROJECT # 21030
OWNERSHIP OF DOCUMENTS
THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF FITZ & SHIPMAN, INC. AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF FITZ & SHIPMAN, INC.
© COPYRIGHT 2021 FITZ & SHIPMAN, INC.



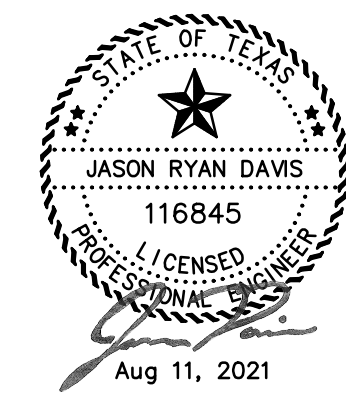
NOTE:
 1. CONTROL JOINTS SHALL BE SAWED WITHIN 24 HOURS OF CONCRETE PLACEMENT. VERIFY LOCATIONS WITH ARCHITECT PRIOR TO CONCRETE PLACEMENT.

SAWED CONTROL JOINT



SAW CUT PLAN

SCALE: 3/32" = 1'-0"
 NOTES:



FILE # 21030_SE_FDN PROJECT # 21030
OWNERSHIP OF DOCUMENTS
 THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF FITZ & SHIPMAN, INC., AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF FITZ & SHIPMAN, INC.
 © COPYRIGHT 2021 FITZ & SHIPMAN, INC.

SAVED, OWNER
 PLOT: ANDREW LEBREUF
 PLOT DATE: 8/11/2021 2:30 PM
 SHEET SIZE: ---



JAMES R. CLARK, AIA
 TEXAS REG. # 8212
 DATE: 8/11/2021
 THIS DOCUMENT MAY NOT
 BE USED FOR BIDDING,
 PERMIT, OR CONSTRUCTION
 PURPOSES.

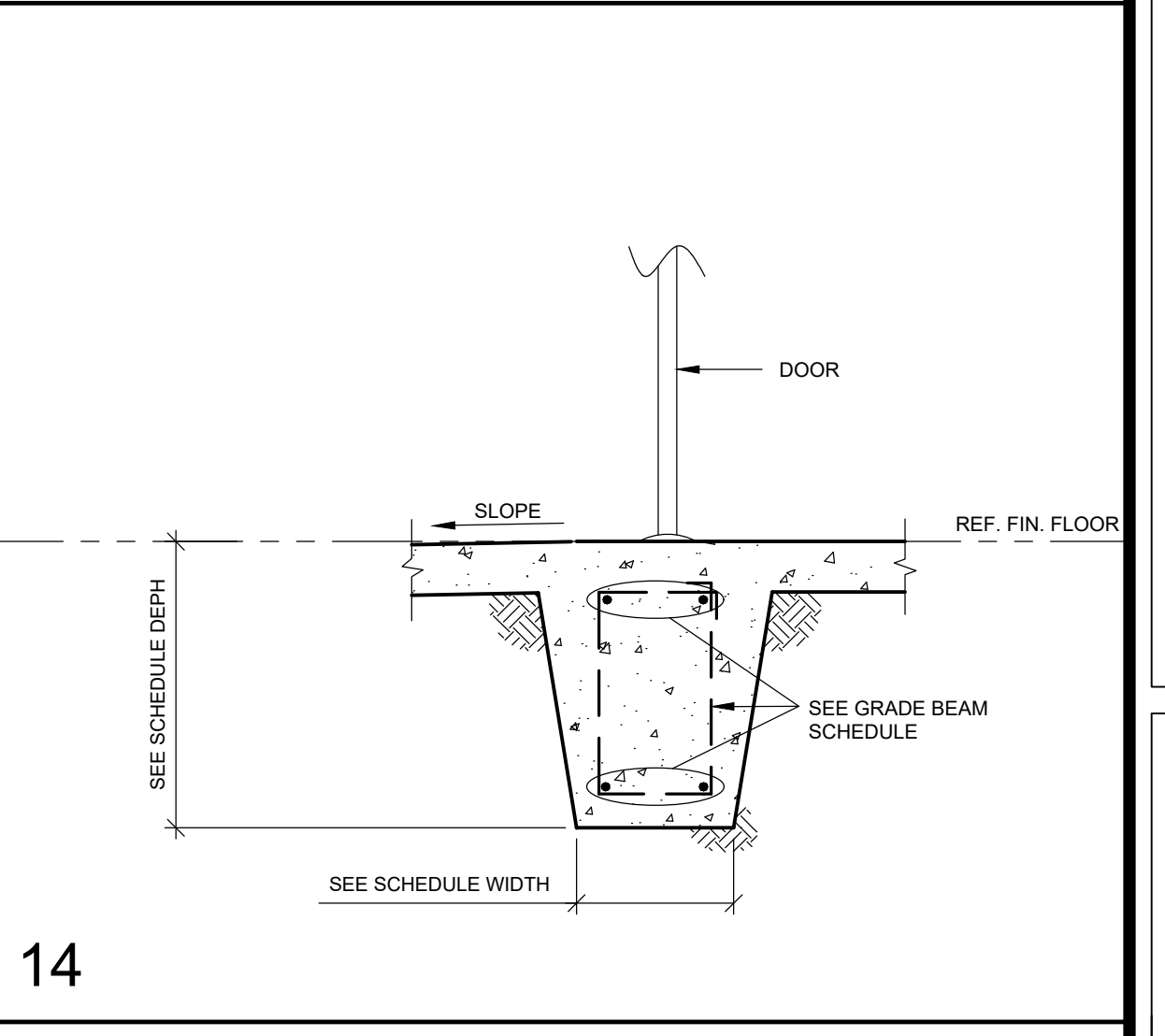
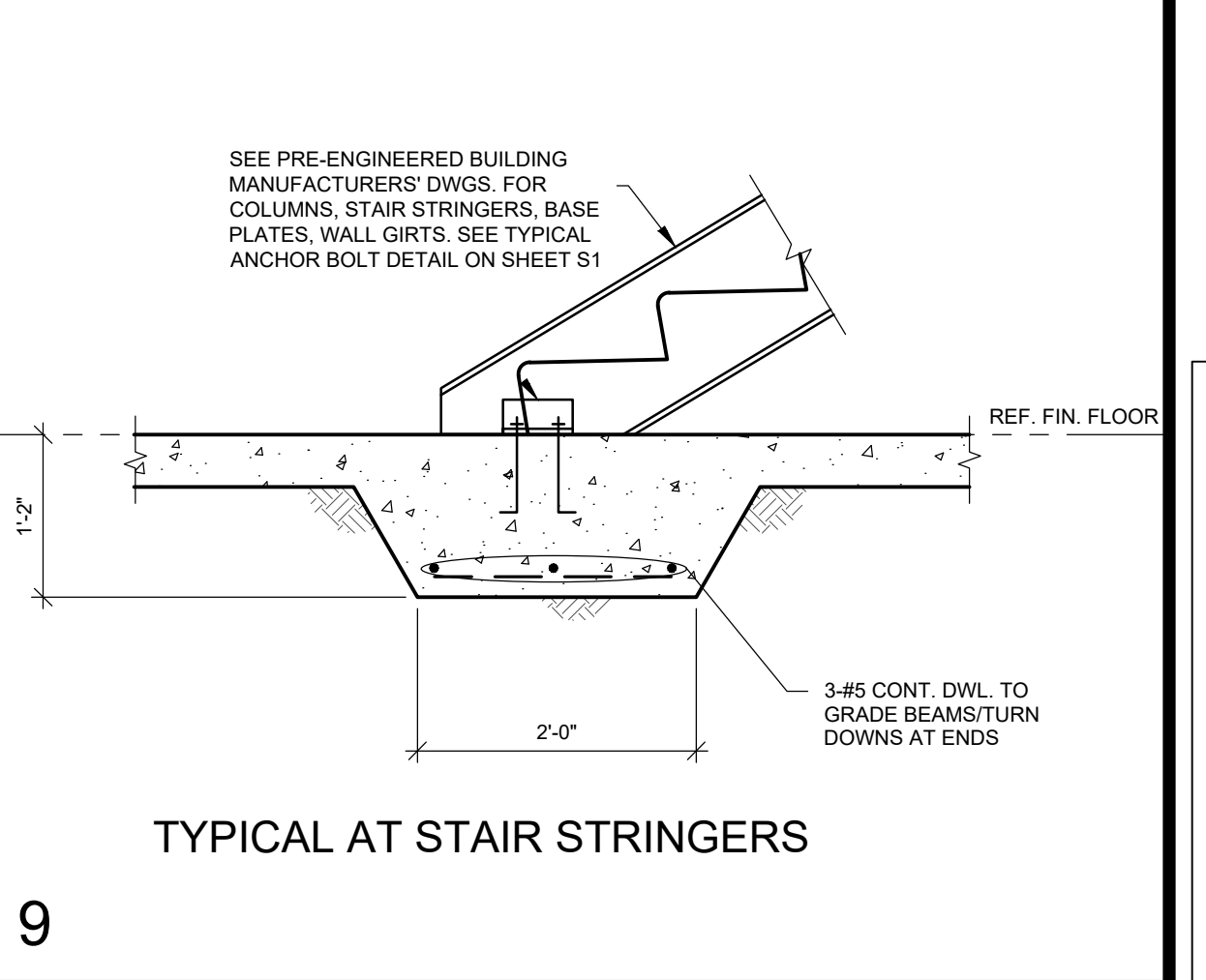
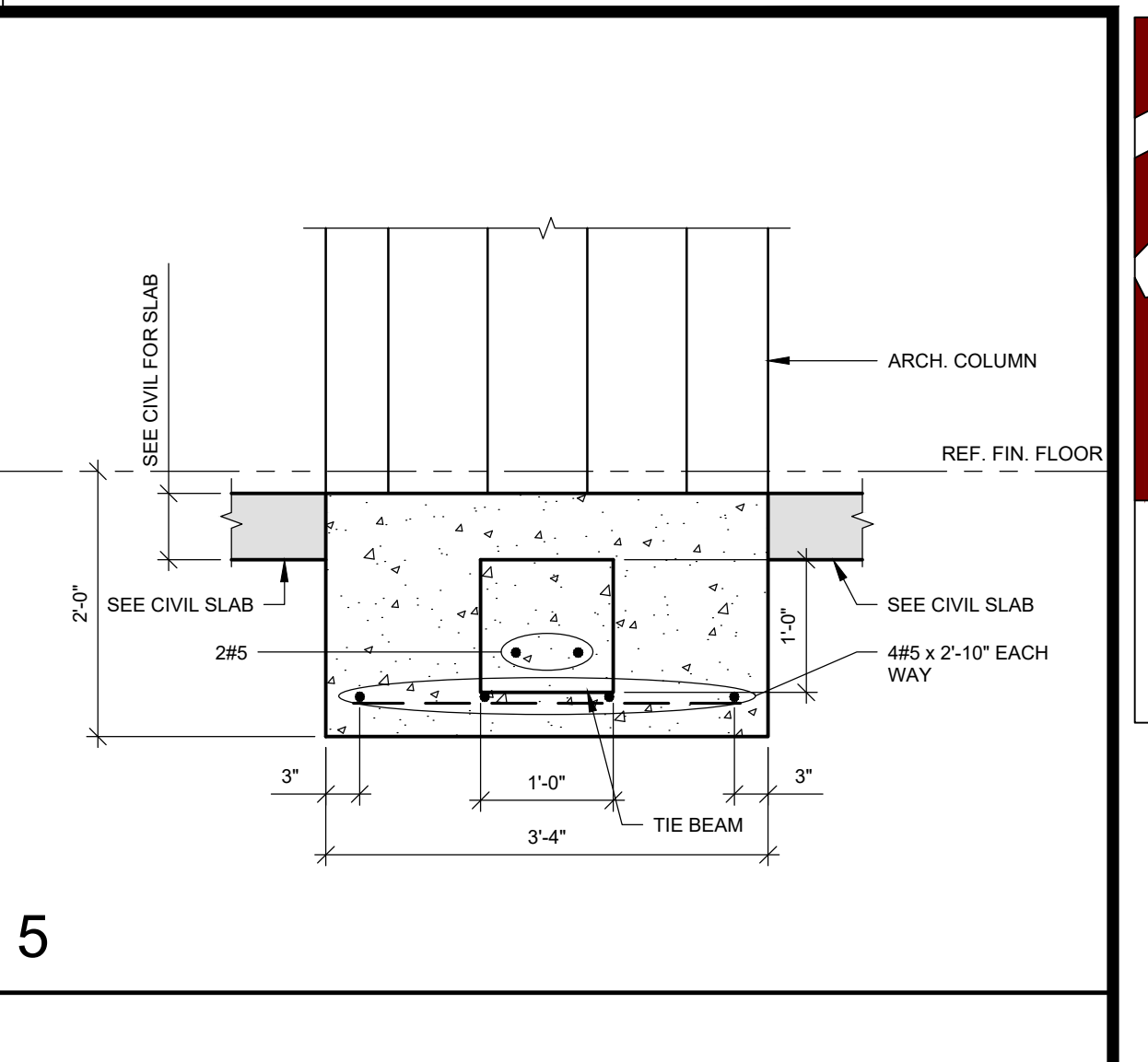
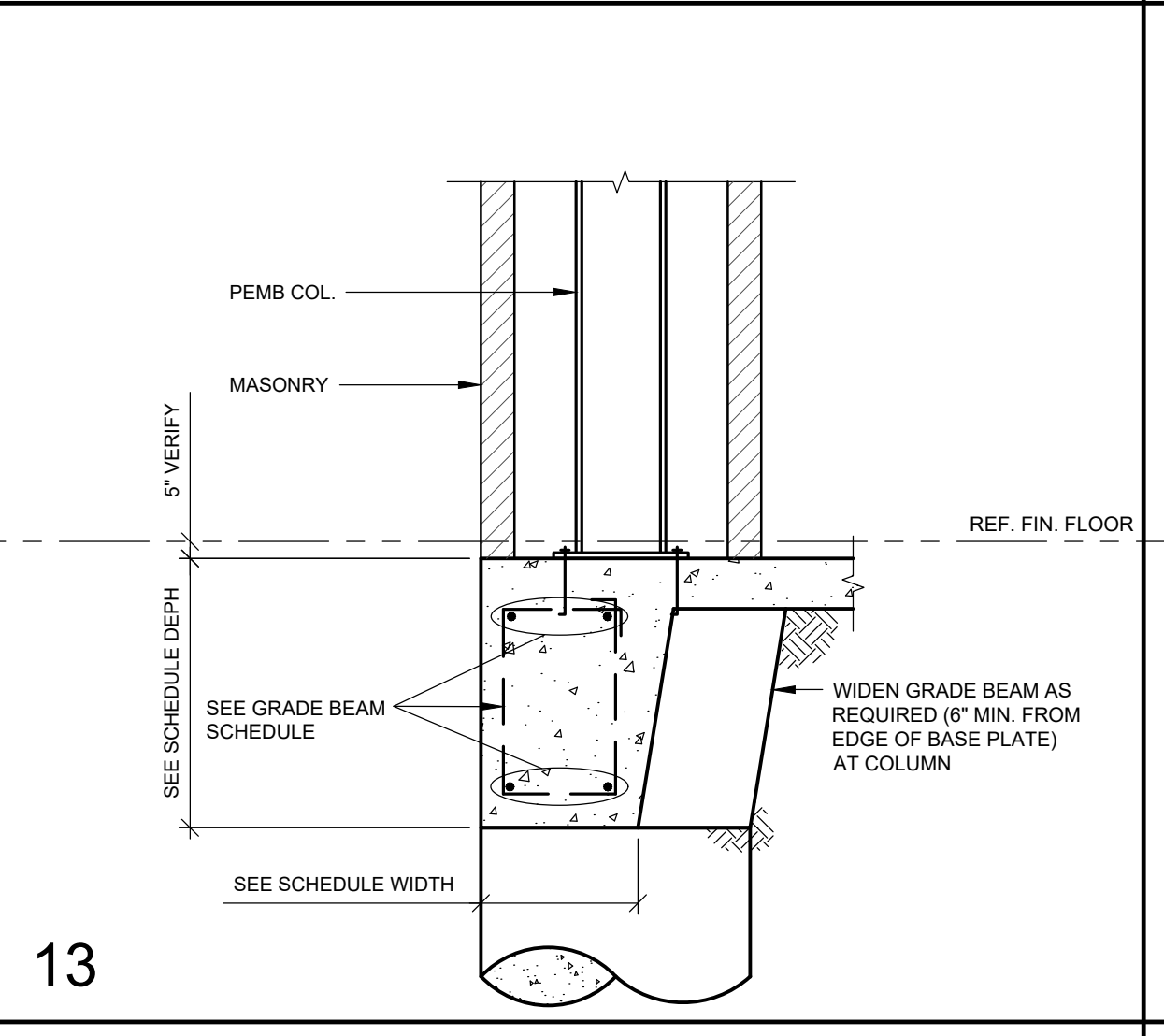
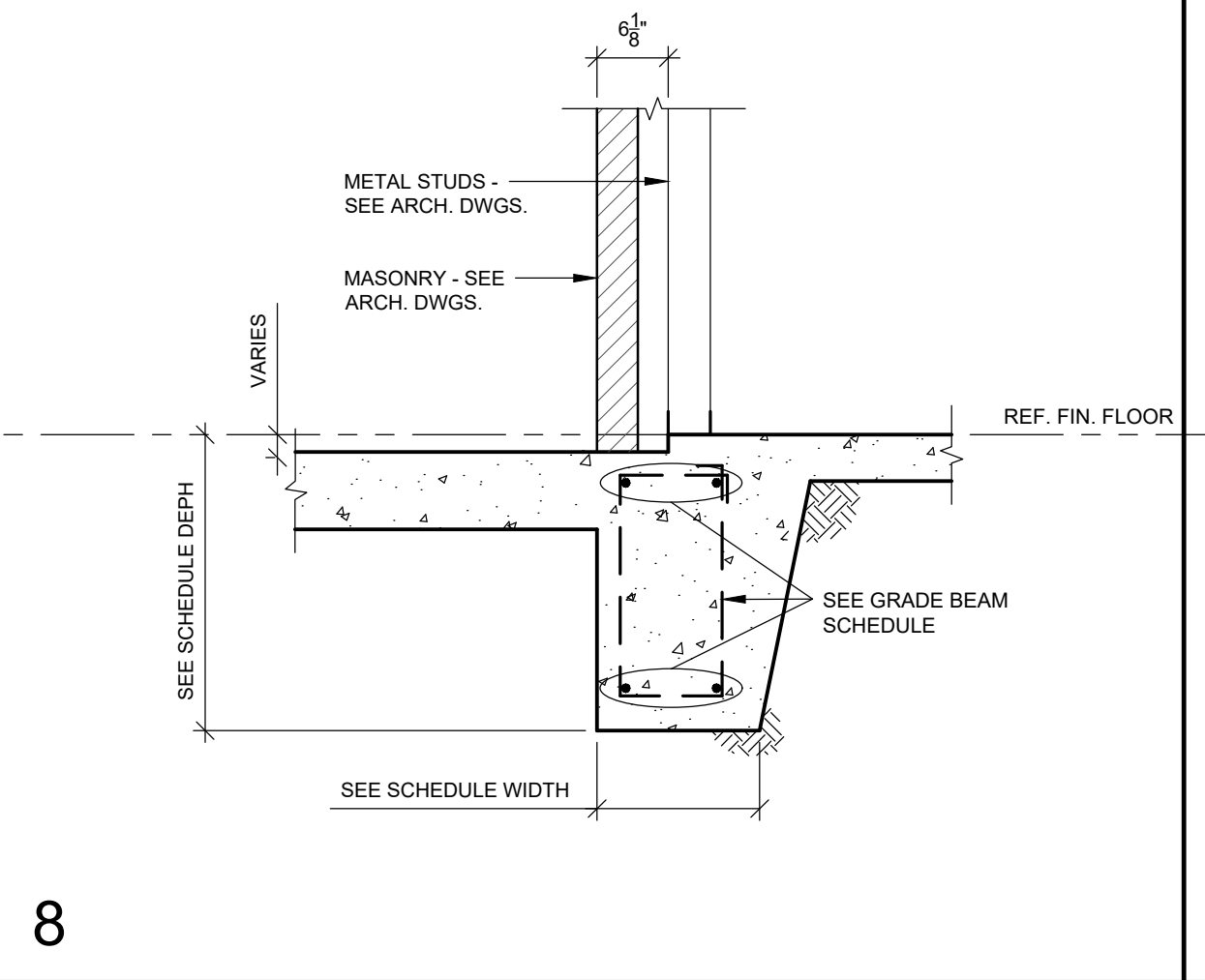
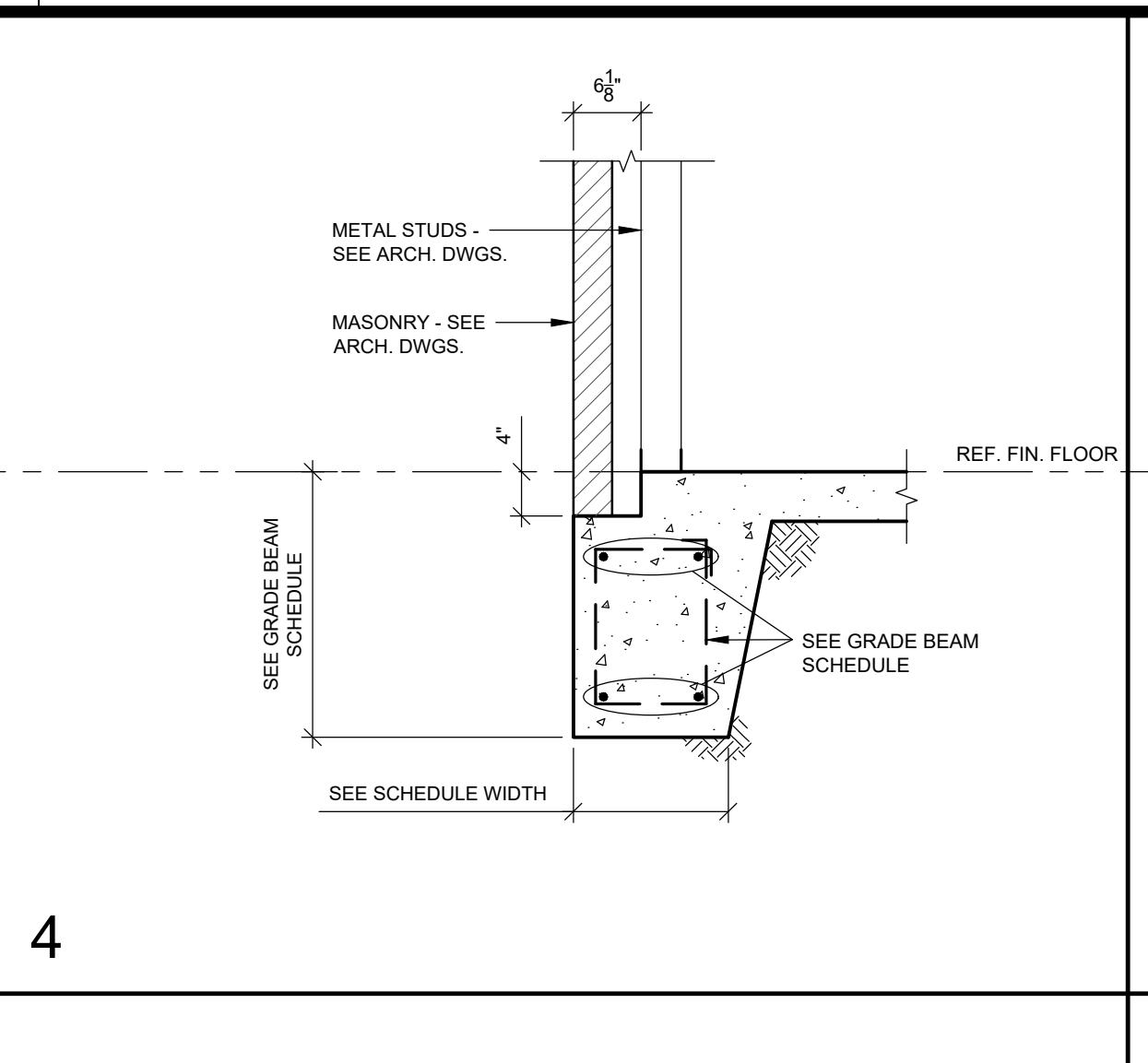
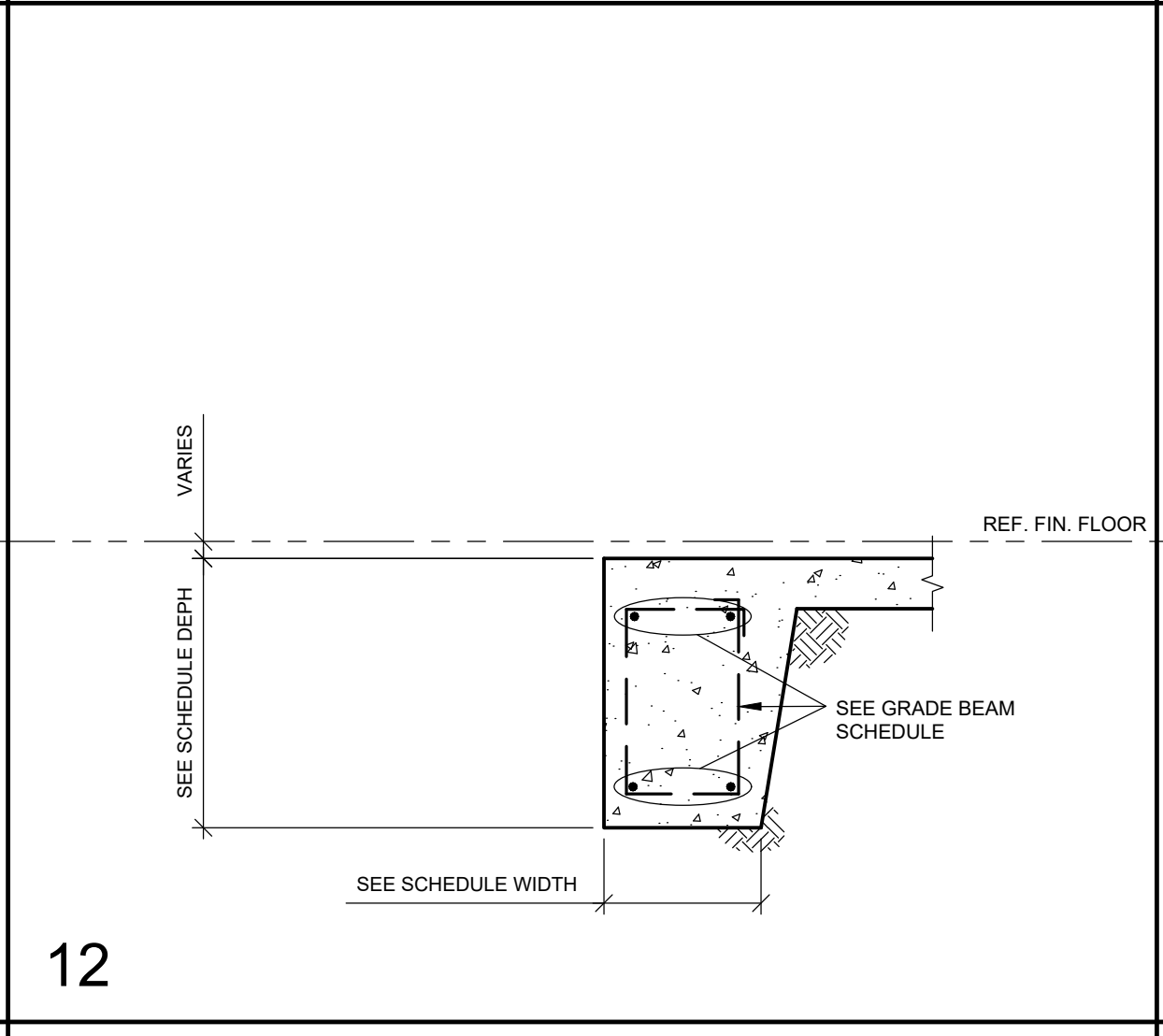
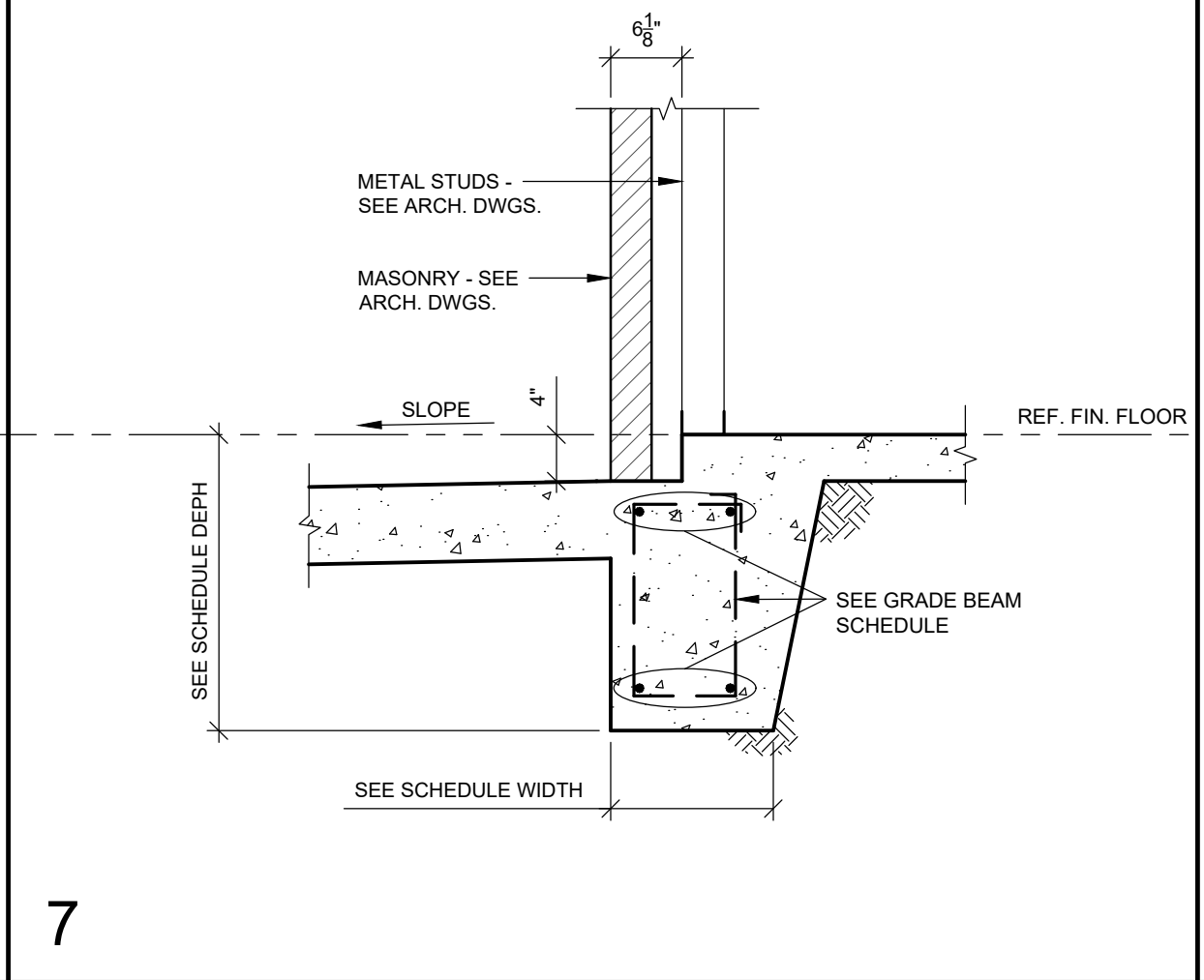
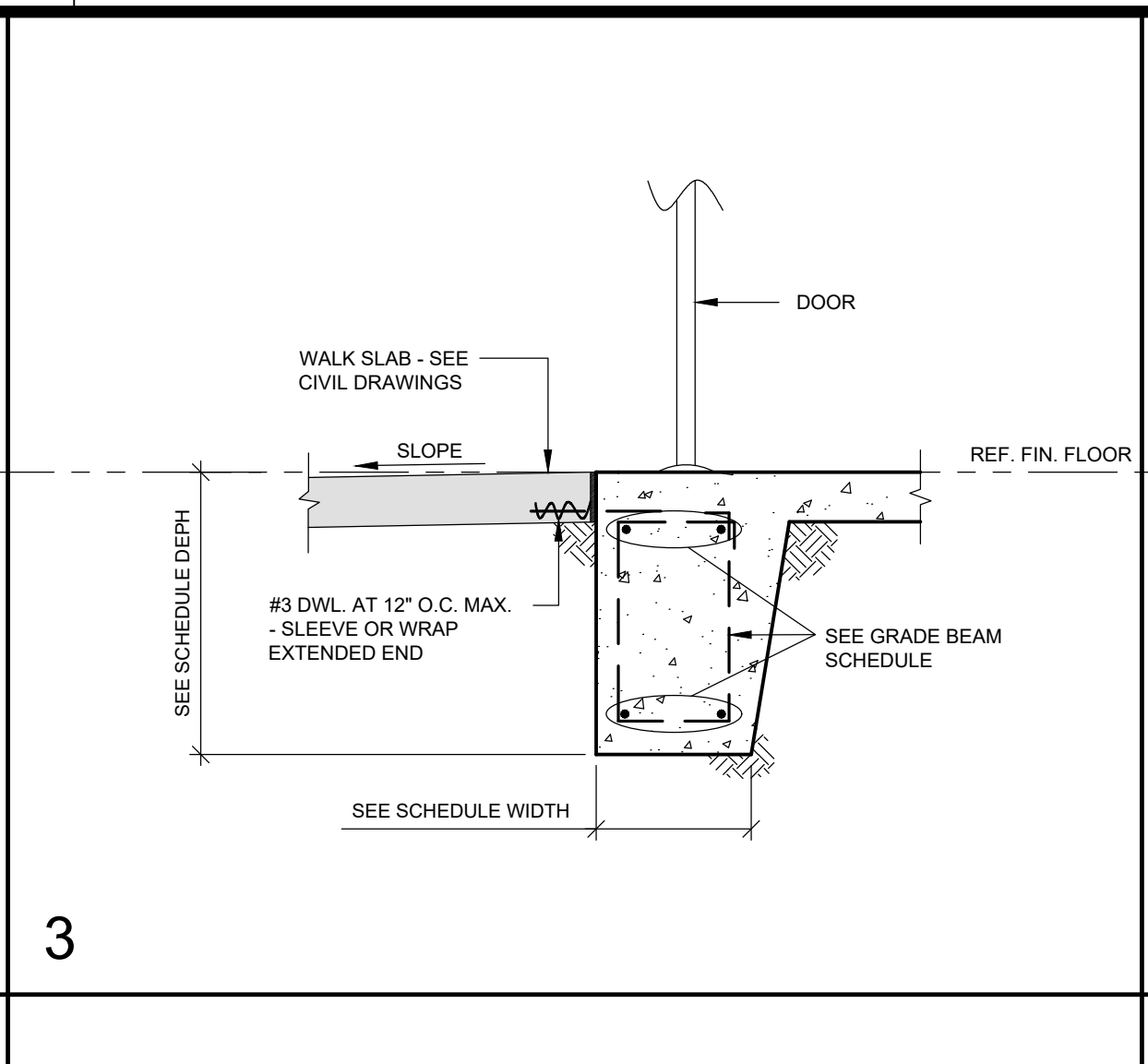
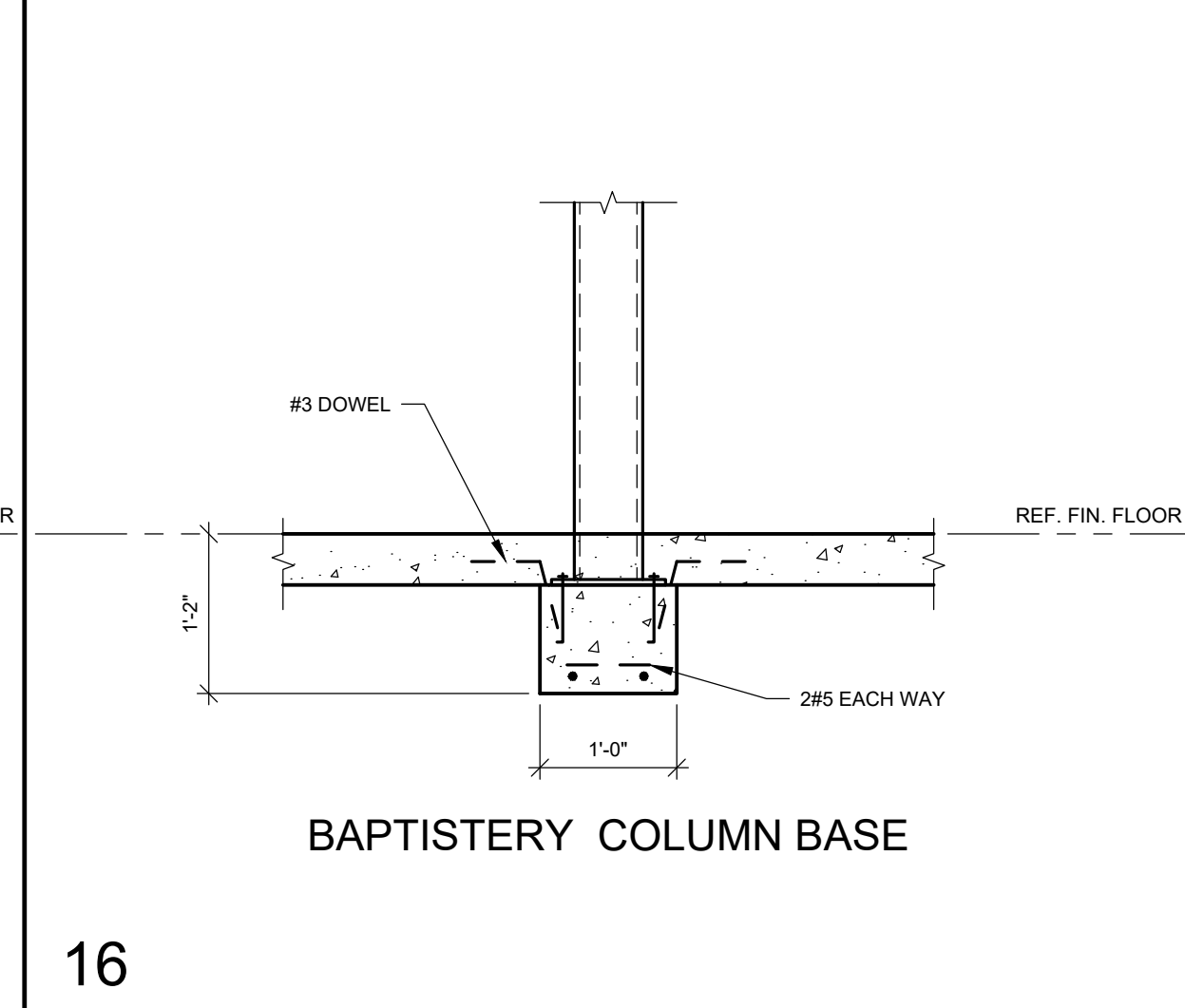
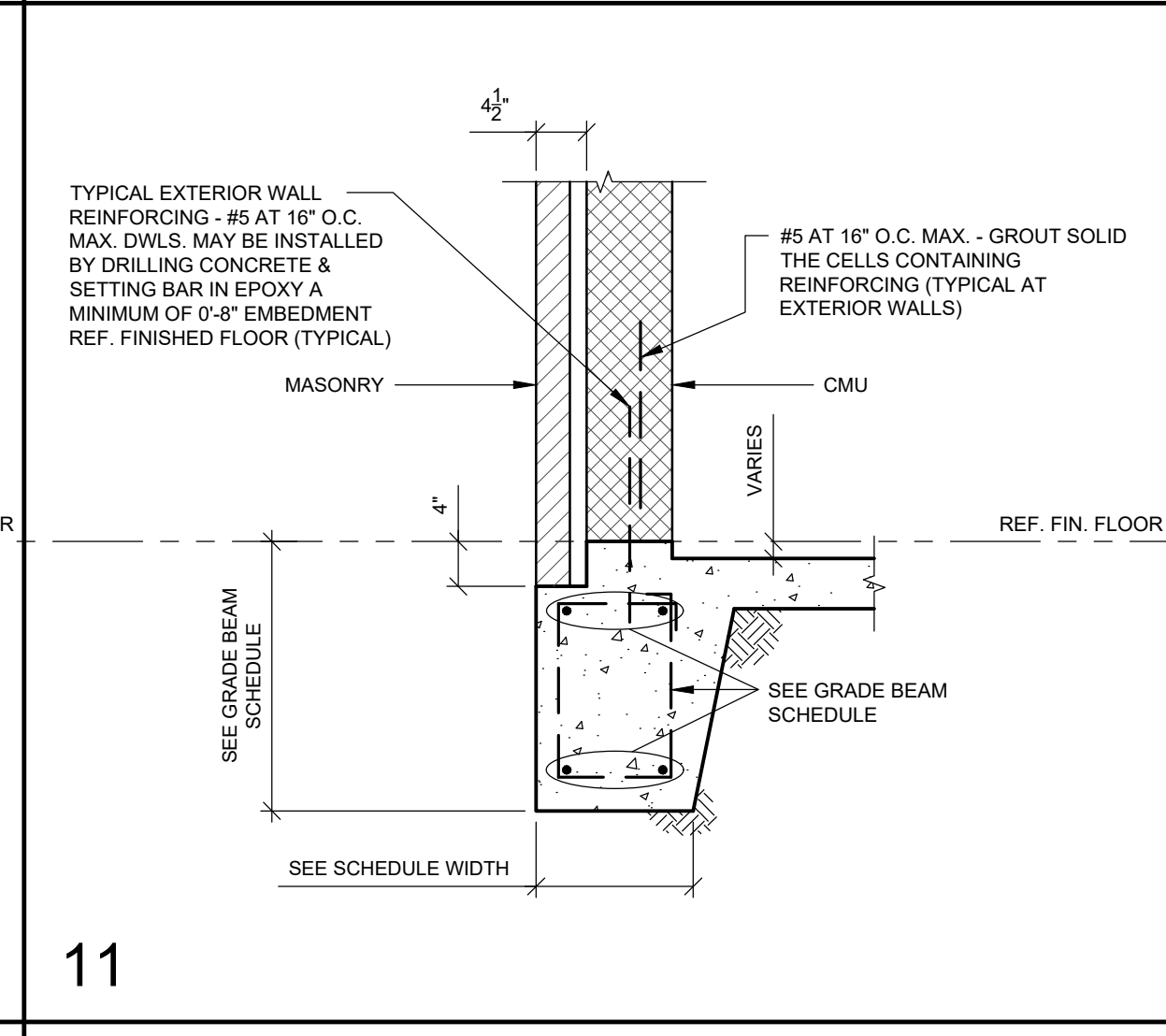
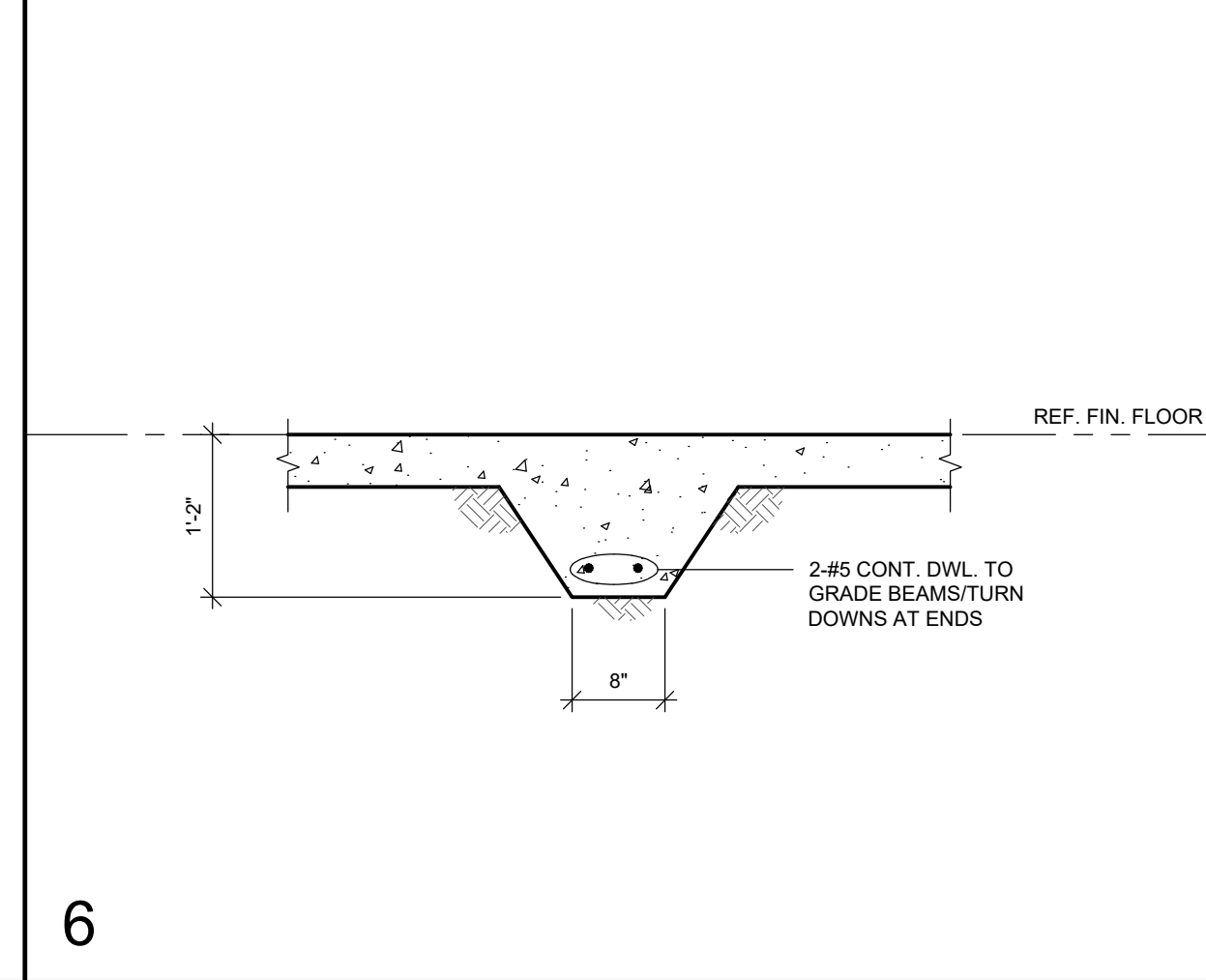
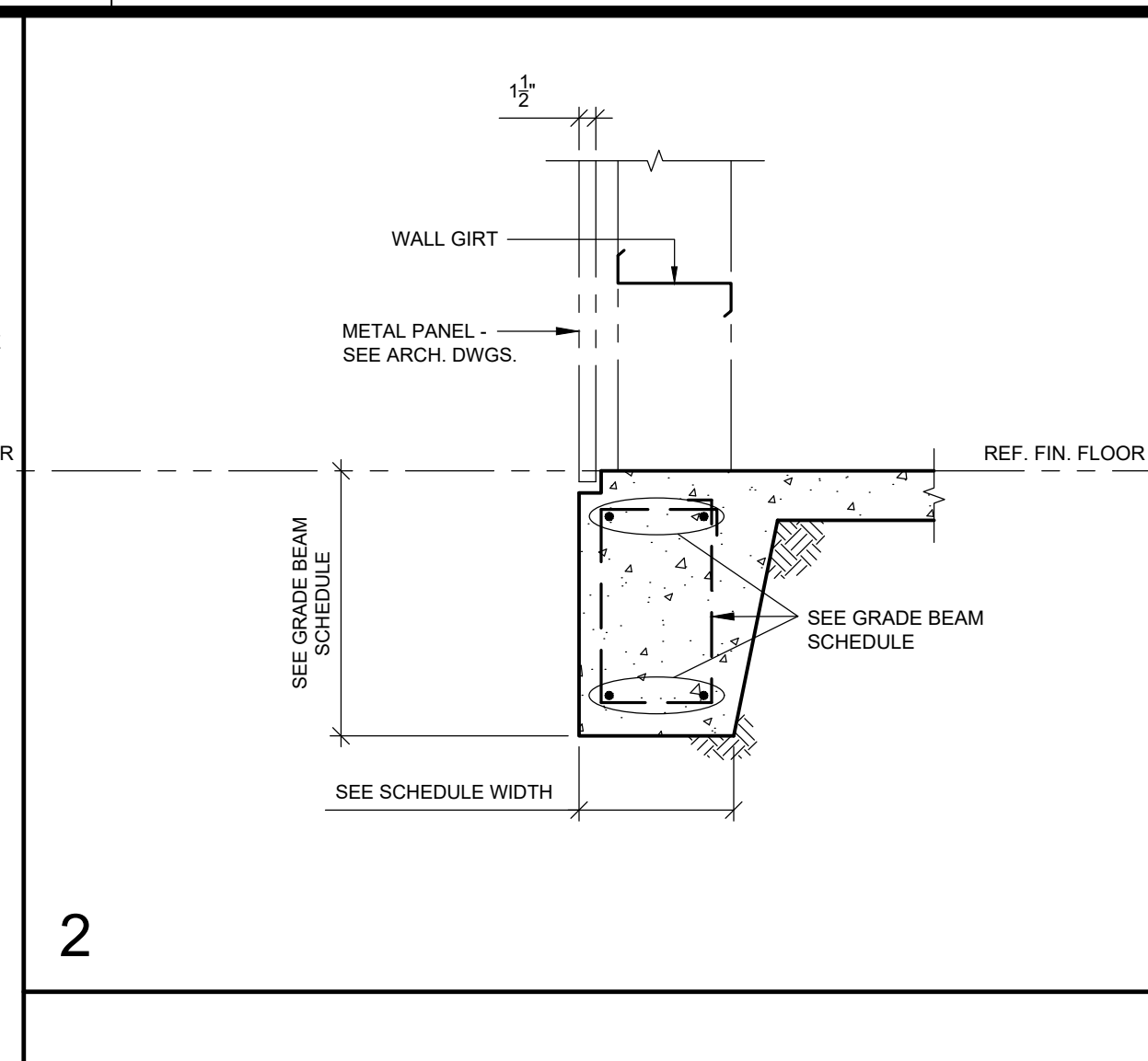
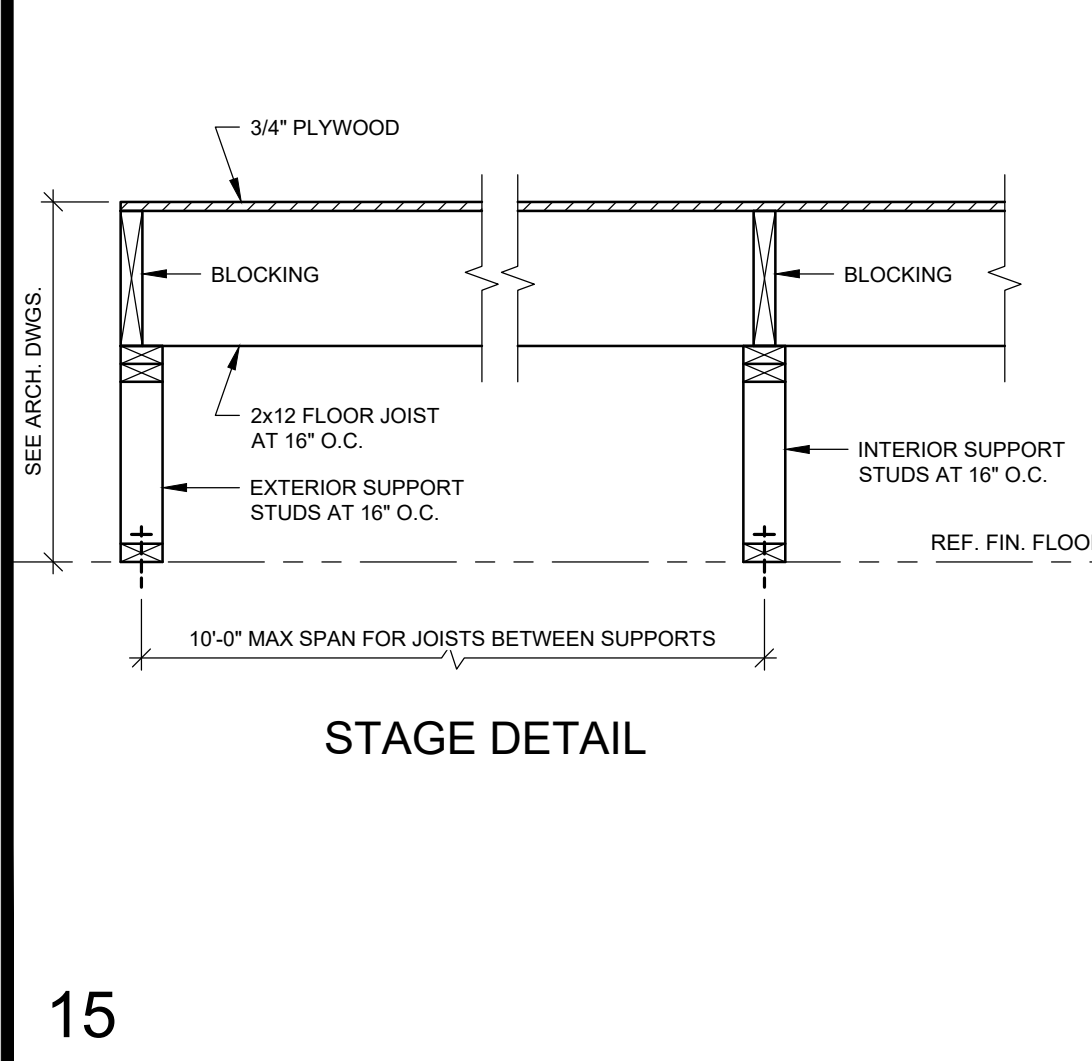
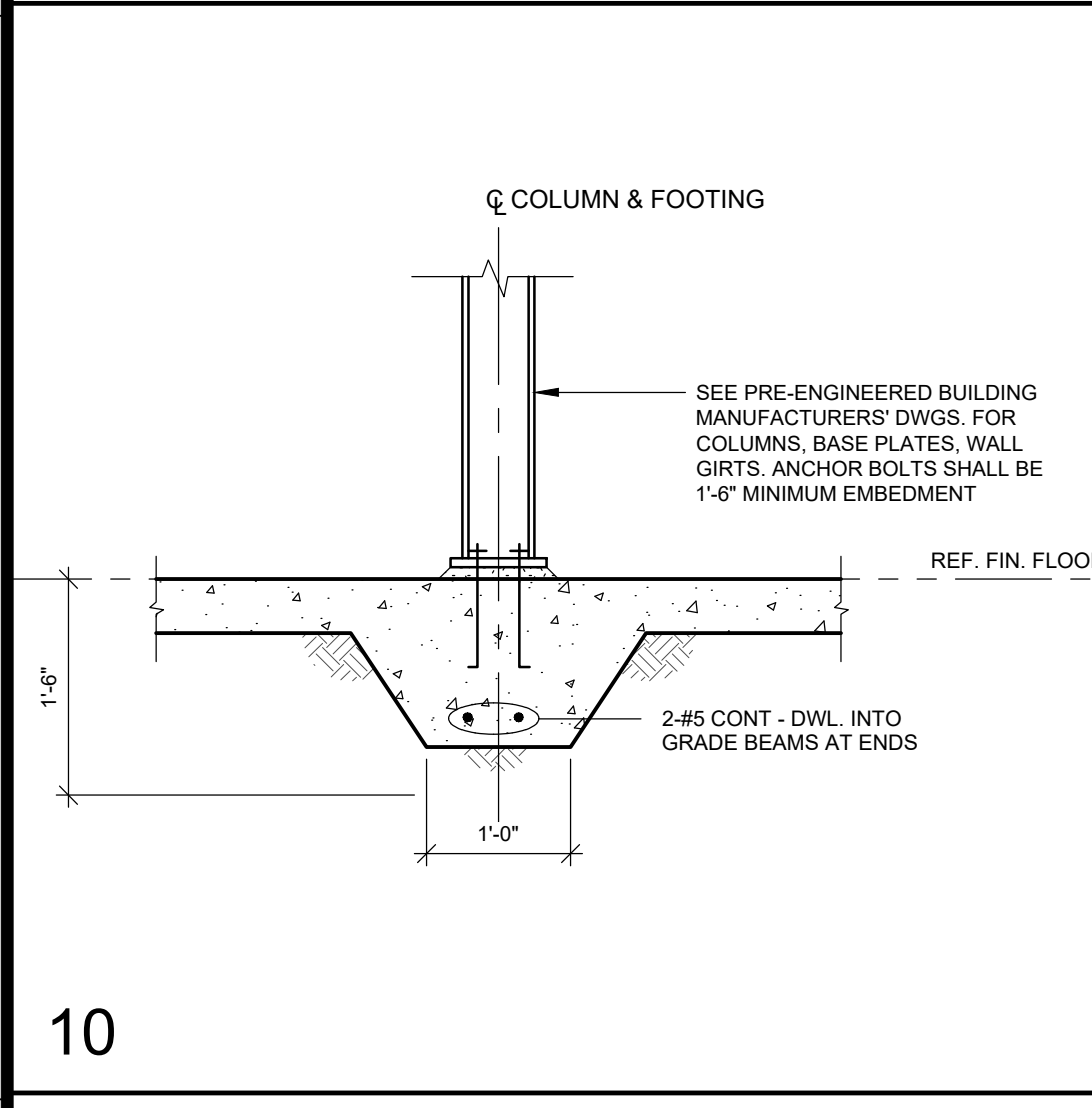
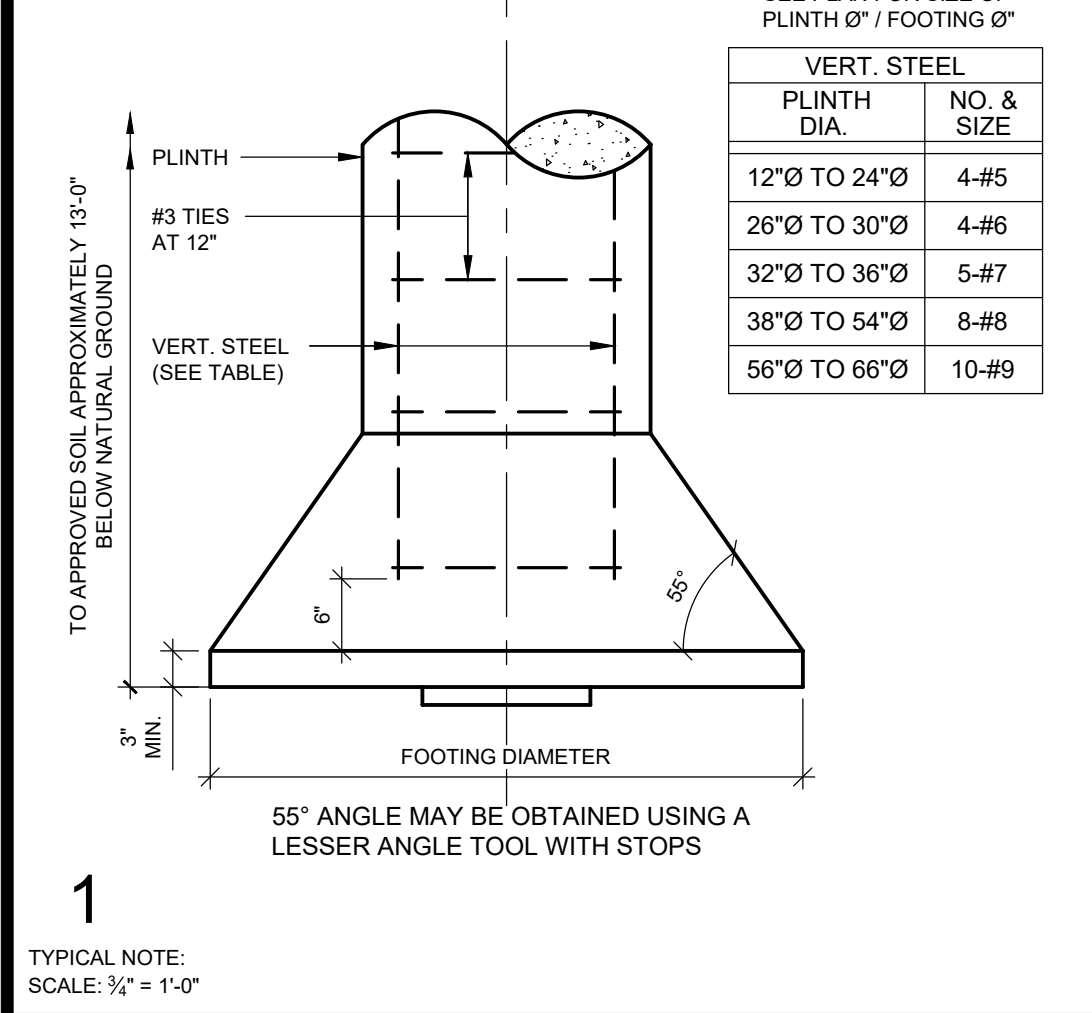
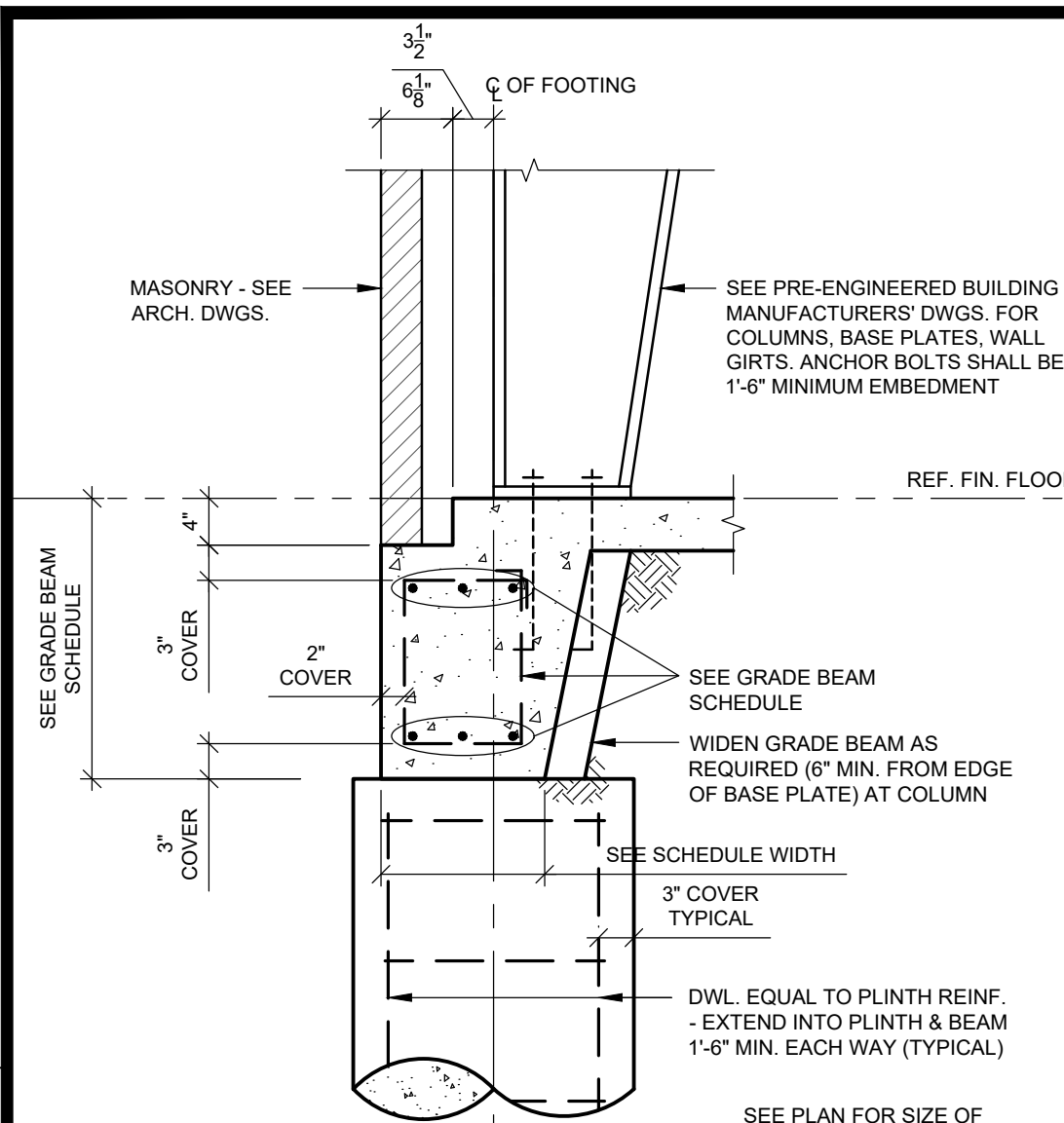
RONALD M. JONES, AIA
 TEXAS REG. # 13662
 DATE: 8/11/2021
 THIS DOCUMENT MAY NOT
 BE USED FOR BIDDING,
 PERMIT, OR CONSTRUCTION
 PURPOSES.

UNITED CHRISTIAN ACADEMY
 First Pentecostal Church
 10619 Highway 69
 Port Arthur, TX 77642

ISSUED FOR SCHEMATIC DESIGN
 DATE: 10/6/2020
 DESIGN DEVELOPMENT
 DATE: 3/5/2021
 BIDS & CONSTRUCTION
 DATE: 8/2/2021
 REVISION:
 DATE: _____
 REVISION:
 DATE: _____
 REVISION:
 DATE: _____

DRAWINGS SHEET TITLE
SAW CUT PLAN

SHEET NUMBER
S3.1
 20105
 PROJECT NUMBER



JAMES R. CLARK, AIA
 TEXAS REG.# 8212
 DATE: 8/17/2021
 THIS DOCUMENT MAY NOT BE USED FOR BIDDING, PERMIT, OR CONSTRUCTION PURPOSES.

RONALD M. JONES, AIA
 TEXAS REG.# 13662
 DATE: 8/17/2021
 THIS DOCUMENT MAY NOT BE USED FOR BIDDING, PERMIT, OR CONSTRUCTION PURPOSES.

Port Arthur, TX 77642

UNITED CHRISTIAN ACADEMY
 First Pentecostal Church

10819 Highway 69

ISSUED FOR SCHEMATIC DESIGN
 DATE: 10/6/2020

DESIGN DEVELOPMENT
 DATE: 3/5/2021

BIDS & CONSTRUCTION
 DATE: 8/2/2021

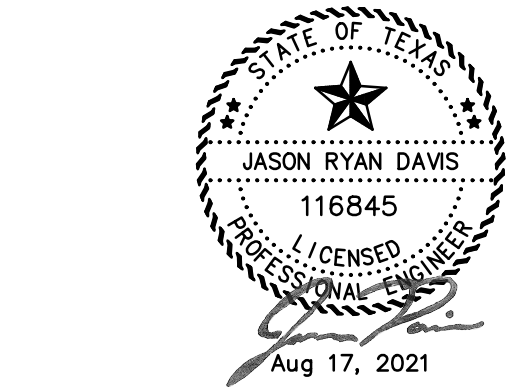
REVISION:
 DATE: _____

REVISION:
 DATE: _____

REVISION:
 DATE: _____

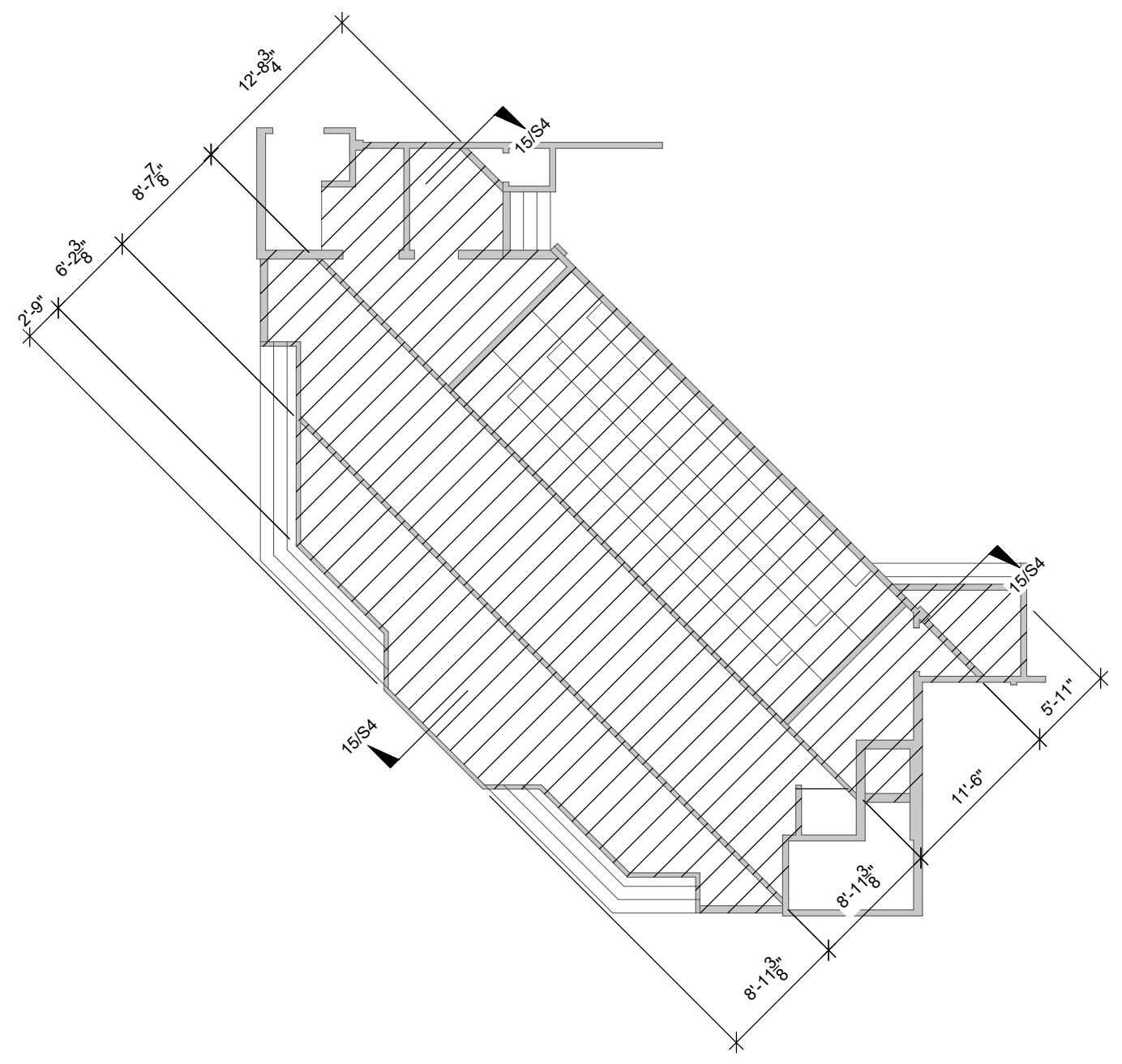
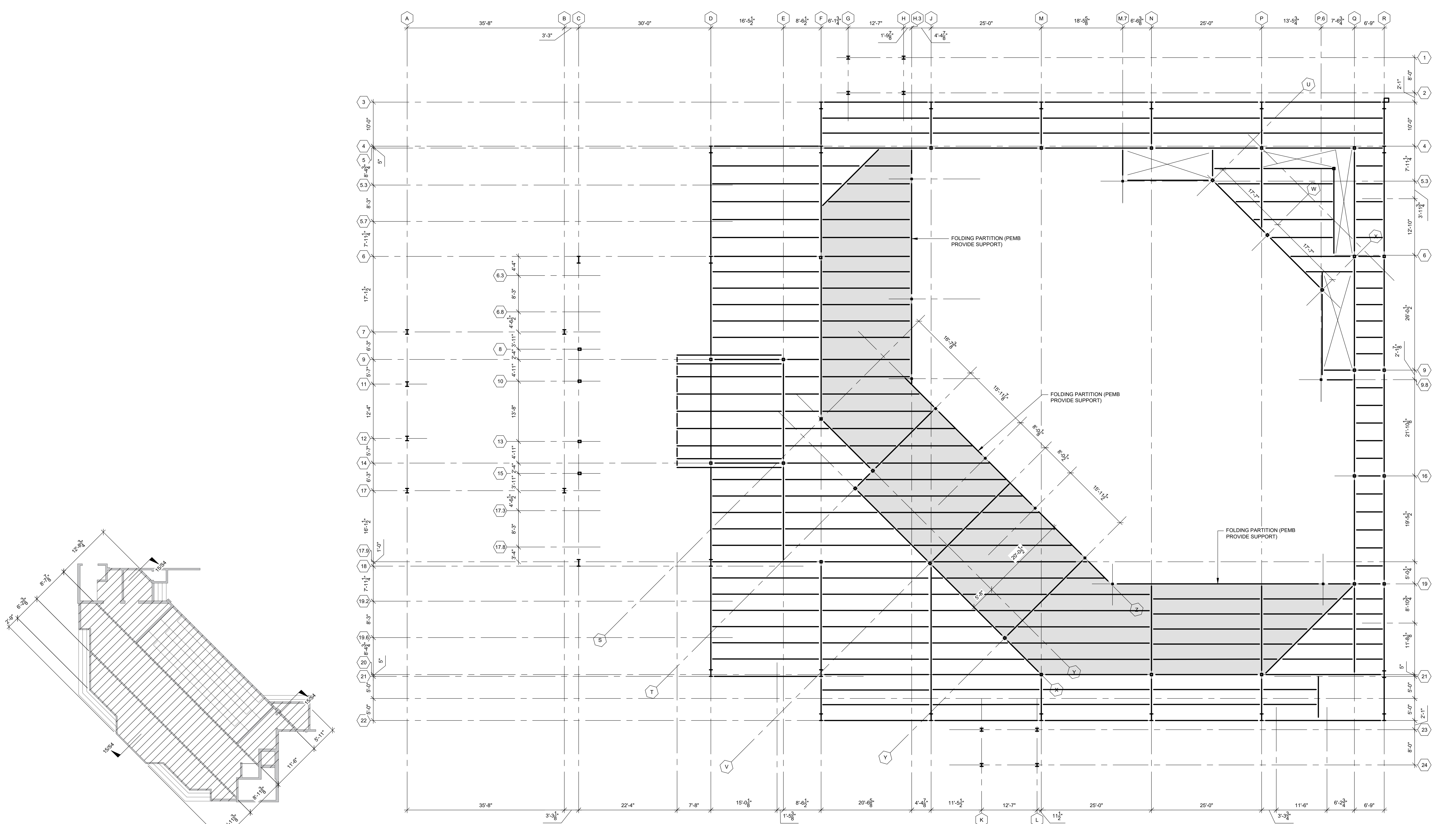
DRAWINGS SHEET TITLE
FOUNDATION DETAILS

SHEET NUMBER
S4
 PROJECT NUMBER
 20105



FILE # 21030 SE DET PROJECT # 21030
OWNERSHIP OF DOCUMENTS
 THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF FITZ & SHIPMAN, INC. AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF FITZ & SHIPMAN, INC.
 © COPYRIGHT 2021 FITZ & SHIPMAN, INC.

SAVED: OWNER
 PLOT: ANDREW LEDOUFF
 PLOT DATE: 8/17/2021 2:08 PM
 SHEET SIZE: ----

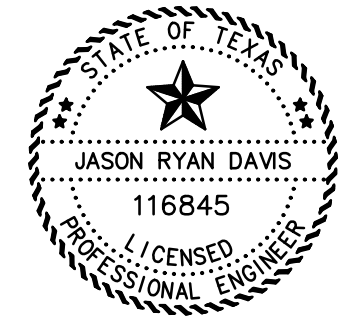


STAGE FRAMING PLAN

- SCALE: N.T.S.
NOTES:
1. SEE DETAIL 15/S4 FOR JOIST AND STUD SIZES AND SPACING.
2. FRAMING SHALL BE DESIGNED FOR THE LOADS LISTED IN THE GENERAL NOTES.
3. CONTACT FITZ & SHIPMAN IF CHANGES ARE MADE TO THE FRAMING CONCEPT.
4. LATERAL DRIFT SHALL BE LIMITED AS STATED IN THE GENERAL NOTES.
5. MAXIMUM SPACING OF ROOF PURLINS SHALL BE 4'-0" ON SLOPE. NUMBER OF PURLINS MIGHT VARY FROM WHAT IS SHOWN IN ROOF FRAMING SCHEMATIC.
6. PRE-ENGINEERED BUILDING MANUFACTURER TO PROVIDE WIND BRACING AS REQUIRED.
7. SEE ARCHITECTURAL DRAWINGS FOR DETAILS AND DIMENSIONS NOT SHOWN.
8. SEE GENERAL NOTES SHEET S1 FOR WIND LOAD REQUIREMENTS.

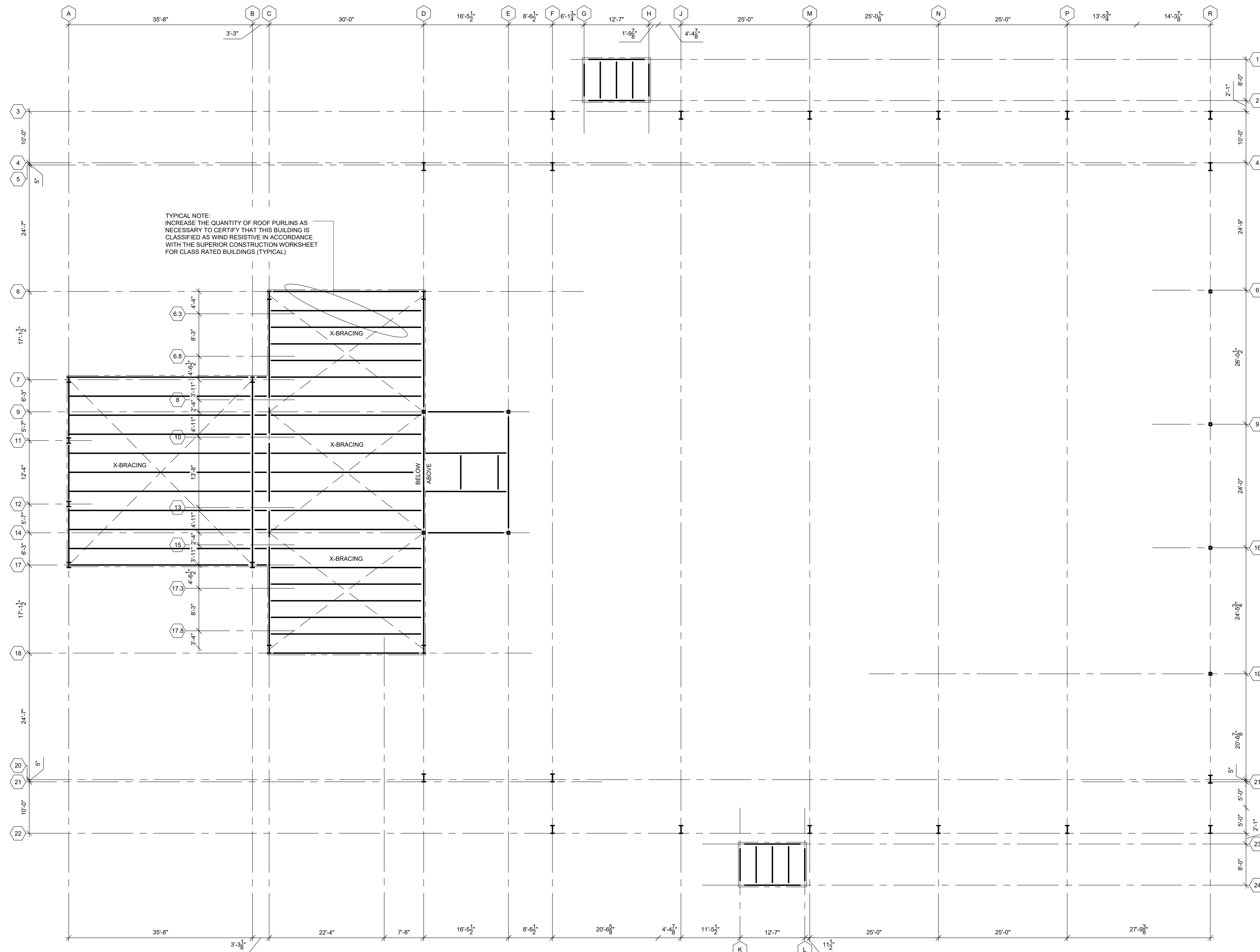
**SECOND FLOOR & CEILING
SCHEMATIC FRAMING PLAN**

- SCALE: N.T.S.
NOTES:
1. [SHADING] ON PLAN INDICATES CEILING OVER CLASSROOM. SEE S1 FOR LIVE LOADS
2. FRAMING SHALL BE DESIGNED FOR THE LOADS LISTED IN THE GENERAL NOTES.
3. CONTACT FITZ & SHIPMAN IF CHANGES ARE MADE TO THE FRAMING CONCEPT.
4. LATERAL DRIFT SHALL BE LIMITED AS STATED IN THE GENERAL NOTES.
5. MAXIMUM SPACING OF FLOOR PURLINS SHALL BE 4'-0" ON SLOPE. NUMBER OF PURLINS MIGHT VARY FROM WHAT IS SHOWN IN FLOOR FRAMING SCHEMATIC.
6. PRE-ENGINEERED BUILDING MANUFACTURER TO PROVIDE WIND BRACING AS REQUIRED.
7. SEE ARCHITECTURAL DRAWINGS FOR DETAILS AND DIMENSIONS NOT SHOWN.
8. SEE GENERAL NOTES SHEET S1 FOR WIND LOAD REQUIREMENTS.



Aug 12, 2021

FILE # 21030_SE_FRM PROJECT # 21030
OWNERSHIP OF DOCUMENTS
THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF FITZ & SHIPMAN, INC. AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF FITZ & SHIPMAN, INC.
© COPYRIGHT 2021 FITZ & SHIPMAN, INC.



TYPICAL NOTE:
 INCREASE THE QUANTITY OF ROOF PURLINS AS NECESSARY TO CERTIFY THAT THIS BUILDING IS CLASSIFIED AS WIND RESISTIVE IN ACCORDANCE WITH THE SUPERIOR CONSTRUCTION WORKSHEET FOR CLASS RATED BUILDINGS (TYPICAL)

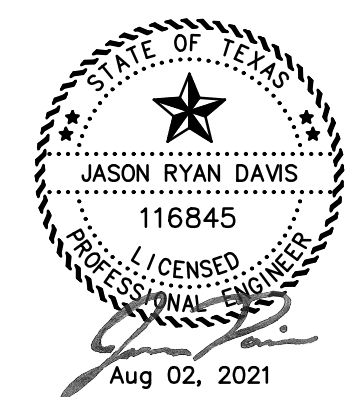
LOW ROOF & STEEPLE GRID SCHEMATIC ROOF FRAMING PLAN

SCALE: N.T.S.

NOTES:

- FRAMING SHALL BE DESIGNED FOR THE LOADS LISTED IN THE GENERAL NOTES.
- CONTACT FITTZ & SHIPMAN IF CHANGES ARE MADE TO THE FRAMING CONCEPT.
- LATERAL DRIFT SHALL BE LIMITED AS STATED IN THE GENERAL NOTES.
- MAXIMUM SPACING OF ROOF PURLINS SHALL BE 4'-0" ON SLOPE. NUMBER OF PURLINS MIGHT VARY FROM WHAT IS SHOWN IN ROOF FRAMING SCHEMATIC.
- PRE-ENGINEERED BUILDING MANUFACTURER TO PROVIDE WIND BRACING AS REQUIRED.
- SEE ARCHITECTURAL DRAWINGS FOR DETAILS AND DIMENSIONS NOT SHOWN.
- SEE GENERAL NOTES SHEET S1 FOR WIND LOAD REQUIREMENTS.
- PORTAL FRAMES ARE TO BE PLACED PER PEMB RECOMMENDATIONS - PEMB TO COORDINATE WITH ARCH. DWGS.

NOTE:
 INCREASE THE QUANTITY OF ROOF PURLINS AS NECESSARY TO CERTIFY THAT THIS BUILDING IS CLASSIFIED AS WIND RESISTIVE IN ACCORDANCE WITH THE SUPERIOR CONSTRUCTION WORKSHEET FOR CLASS RATED BUILDINGS (TYPICAL)



FILE # 21030_SE_FRM PROJECT # 21030

OWNERSHIP OF DOCUMENTS

THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF FITTZ & SHIPMAN, INC. AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF FITTZ & SHIPMAN, INC.

© COPYRIGHT 2021 FITTZ & SHIPMAN, INC.



301 W. Wall St., Suite 720
 Edinburg, Texas 78541
 TEL: (409) 862-3148
 FAX: (409) 865-1745
 J. ROBERT CLARK, AIA
 RONALD M. JONES, AIA
 www.aia.com

JAMES R. CLARK, AIA
 TEXAS REG. # 8212
 DATE: 8/2/2021
 THIS DOCUMENT MAY NOT BE USED FOR BIDDING, PERMIT, OR CONSTRUCTION PURPOSES.

RONALD M. JONES, AIA
 TEXAS REG. # 13662
 DATE: 8/2/2021
 THIS DOCUMENT MAY NOT BE USED FOR BIDDING, PERMIT, OR CONSTRUCTION PURPOSES.

UNITED CHRISTIAN ACADEMY

First Pentecostal Church

Port Arthur, TX 77642

10619 Highway 69

ISSUED FOR SCHEMATIC DESIGN
 DATE: 10/6/2020

DESIGN DEVELOPMENT
 DATE: 3/5/2021

BIDS & CONSTRUCTION
 DATE: 8/2/2021

REVISION:
 DATE: _____

REVISION:
 DATE: _____

REVISION:
 DATE: _____

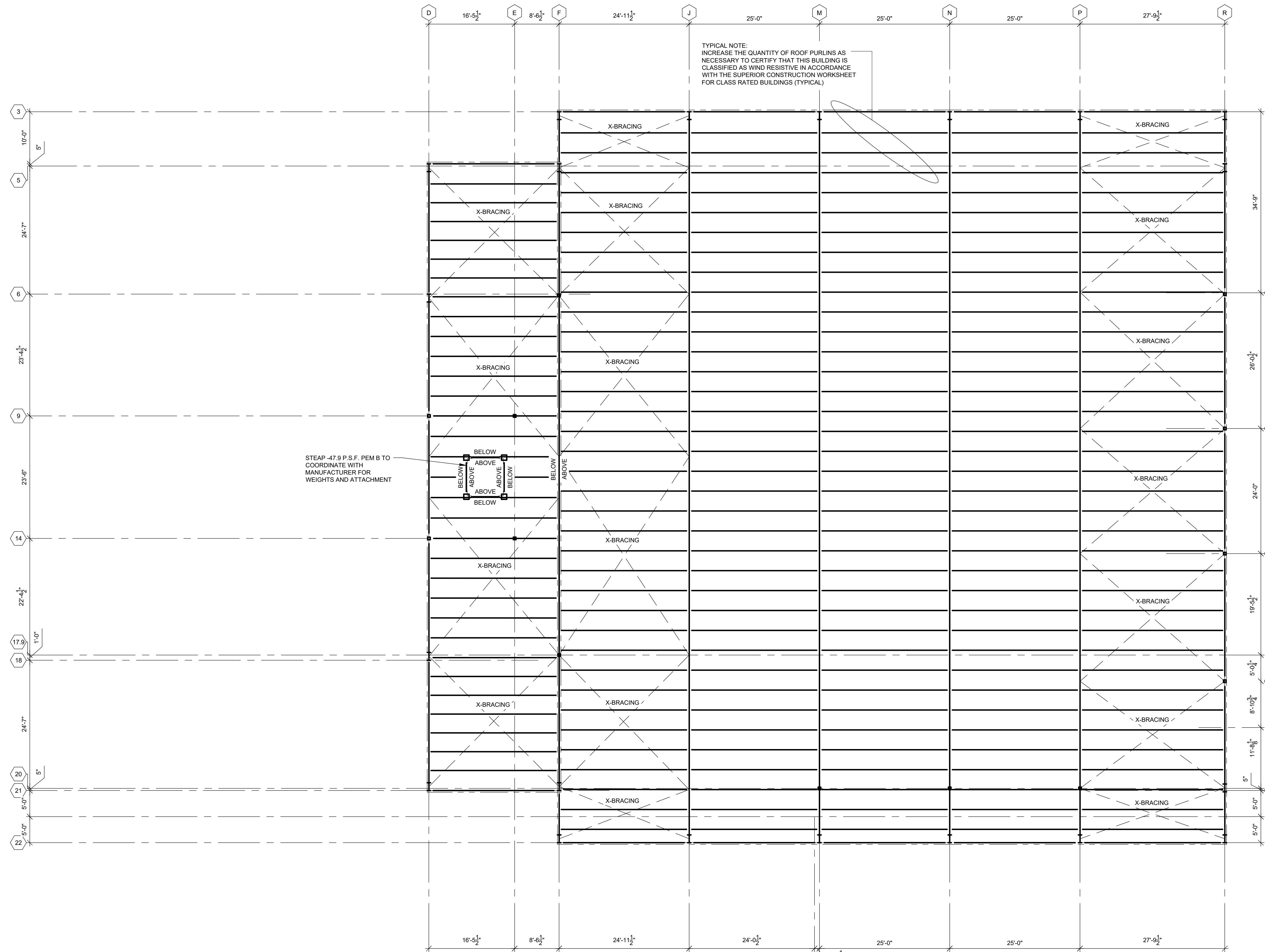
DRAWINGS SHEET TITLE
 LOW ROOF & STEEPLE GRID SCHEMATIC ROOF FRAMING PLAN

SHEET NUMBER

S6

20105

PROJECT NUMBER

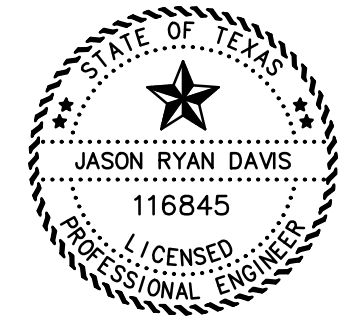


**MID, HIGH, & UPPER GRID
SCHEMATIC ROOF FRAMING PLAN**

SCALE: N.T.S.

- NOTES:
- FRAMING SHALL BE DESIGNED FOR THE LOADS LISTED IN THE GENERAL NOTES.
 - CONTACT FITTZ & SHIPMAN IF CHANGES ARE MADE TO THE FRAMING CONCEPT.
 - LATERAL DRIFT SHALL BE LIMITED AS STATED IN THE GENERAL NOTES.
 - MAXIMUM SPACING OF ROOF PURLINS SHALL BE 4'-0" ON SLOPE. NUMBER OF PURLINS MIGHT VARY FROM WHAT IS SHOWN IN ROOF FRAMING SCHEMATIC.
 - PRE-ENGINEERED BUILDING MANUFACTURER TO PROVIDE WIND BRACING AS REQUIRED.
 - SEE ARCHITECTURAL DRAWINGS FOR DETAILS AND DIMENSIONS NOT SHOWN.
 - SEE GENERAL NOTES SHEET S1 FOR WIND LOAD REQUIREMENTS.
 - PORTAL FRAMES ARE TO BE PLACED PER PEMB RECOMMENDATIONS - PEMB TO COORDINATE WITH ARCH DWGS.

NOTE:
INCREASE THE QUANTITY OF ROOF PURLINS AS NECESSARY TO CERTIFY THAT THIS BUILDING IS CLASSIFIED AS WIND RESISTIVE IN ACCORDANCE WITH THE SUPERIOR CONSTRUCTION WORKSHEET FOR CLASS RATED BUILDINGS (TYPICAL)



Aug 12, 2021

FILE # 21030_SE_FRM PROJECT # 21030
OWNERSHIP OF DOCUMENTS

THIS DOCUMENT, AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF FITTZ & SHIPMAN, INC. AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF FITTZ & SHIPMAN, INC. © COPYRIGHT 2021 FITTZ & SHIPMAN, INC.

Architectural Alliance Incorporated
25075 Shoppes Center
Houston, Texas 77071
TEL: (281) 888-1146
FAX: (281) 888-1145
J. ROSE CLARK, A.I.A.
RONALD M. JONES, A.I.A.
www.aalliance.com

JAMES R. CLARK, AIA
TEXAS REG. # 8212
DATE: 8/12/2021
THIS DOCUMENT MAY NOT BE USED FOR BIDDING, PERMIT, OR CONSTRUCTION PURPOSES.

RONALD M. JONES, AIA
TEXAS REG. # 13662
DATE: 8/12/2021
THIS DOCUMENT MAY NOT BE USED FOR BIDDING, PERMIT, OR CONSTRUCTION PURPOSES.

UNITED CHRISTIAN ACADEMY
First Pentecostal Church
Port Arthur, TX 77642
10619 Highway 69

ISSUED FOR SCHEMATIC DESIGN	<input checked="" type="checkbox"/>
DATE:	10/6/2020
DESIGN DEVELOPMENT	<input checked="" type="checkbox"/>
DATE:	3/5/2021
BIDS & CONSTRUCTION	<input checked="" type="checkbox"/>
DATE:	8/2/2021
REVISION:	
DATE:	
REVISION:	
DATE:	
REVISION:	
DATE:	

DRAWINGS SHEET TITLE
MID- HIGH- & UPPER GRID SCHEMATIC ROOF FRAMING PLAN

SHEET NUMBER
S7
20105
PROJECT NUMBER

SAVED: OWNER
PLOT: ANDREW LEBGUEUF
PLOT DATE: 8/12/2021 8:35 AM
SHEET SIZE: ----