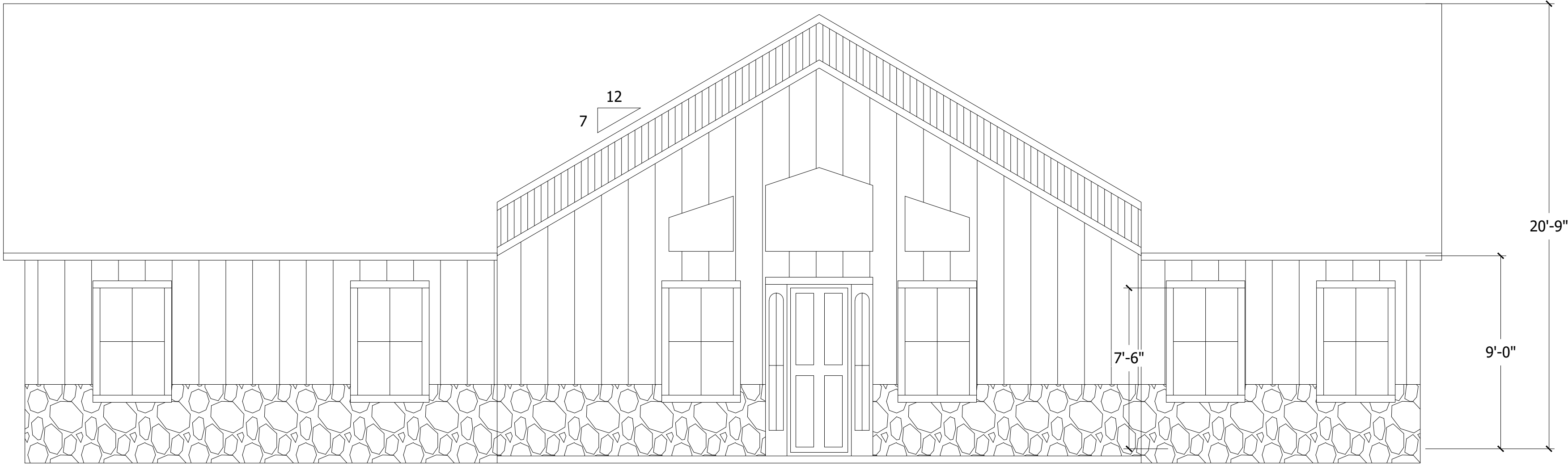
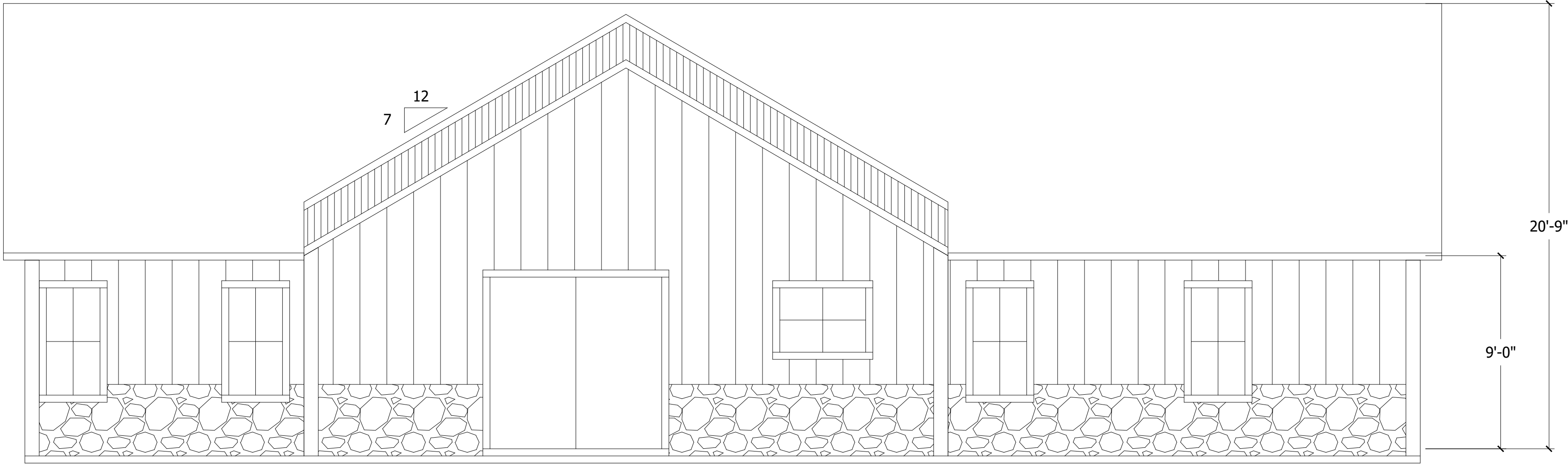




FRONT ELEVATION
SCALE: 1/4"=1'-0"



REAR ELEVATION
SCALE: 1/4"=1'-0"

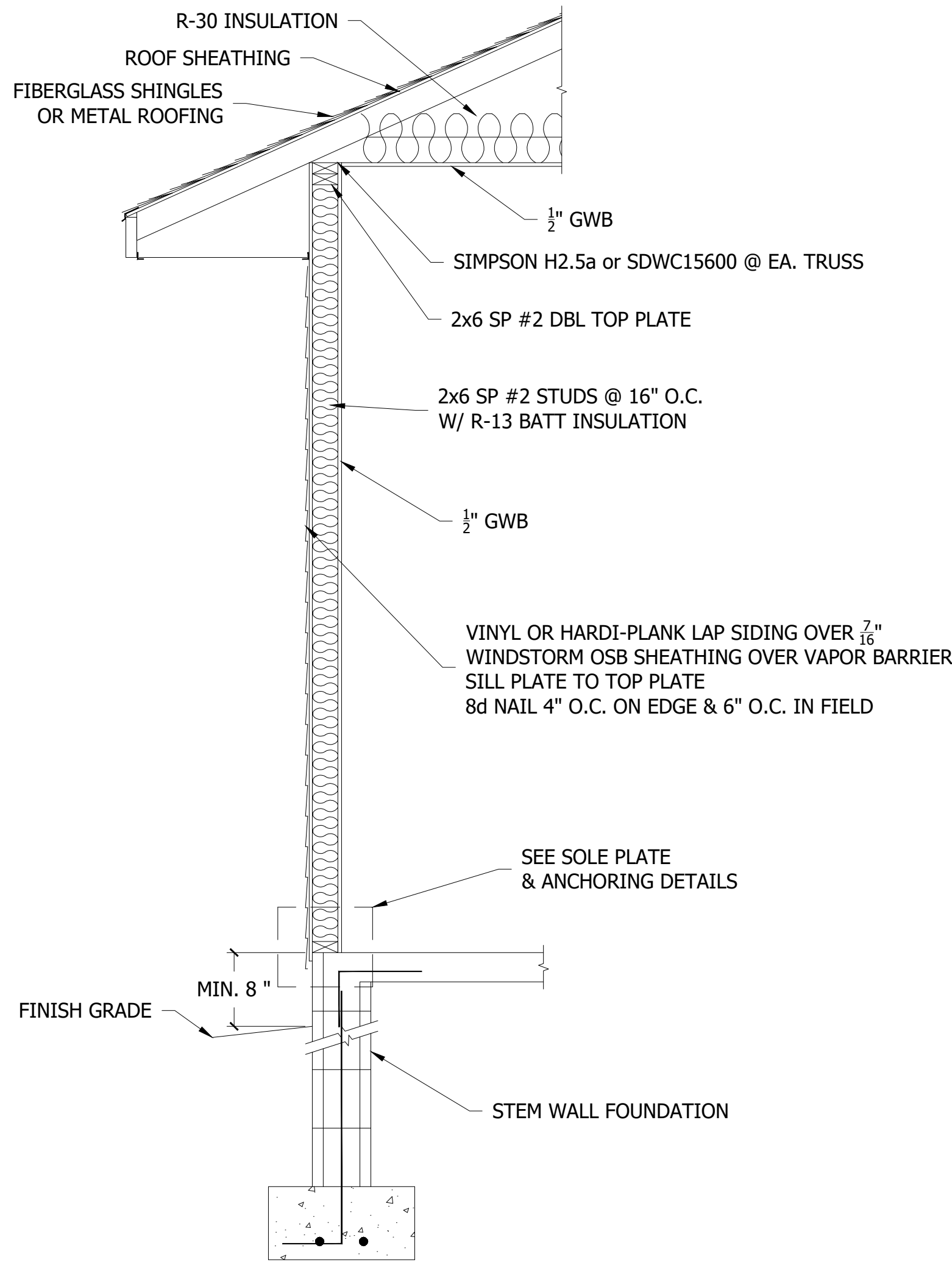
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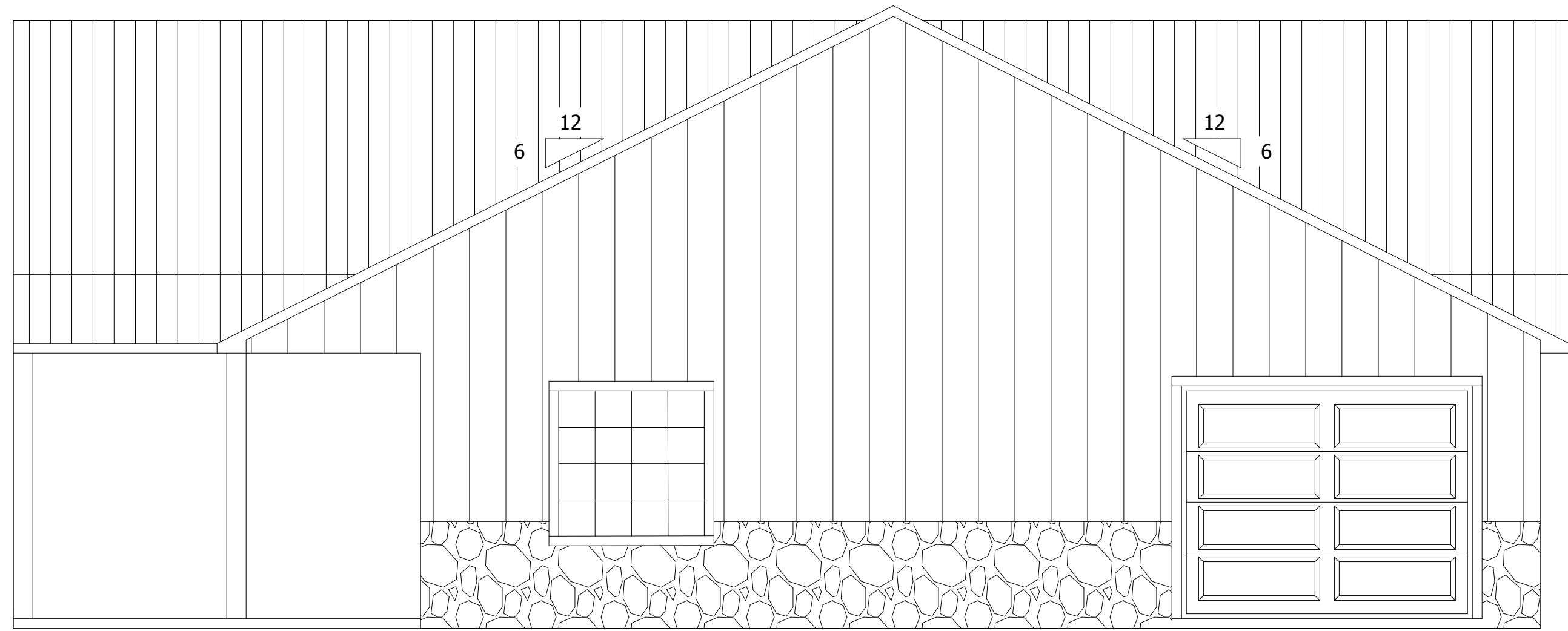
ELEVATION
VIEWS

SHEET NUMBER
A1
OF 8 SHEETS

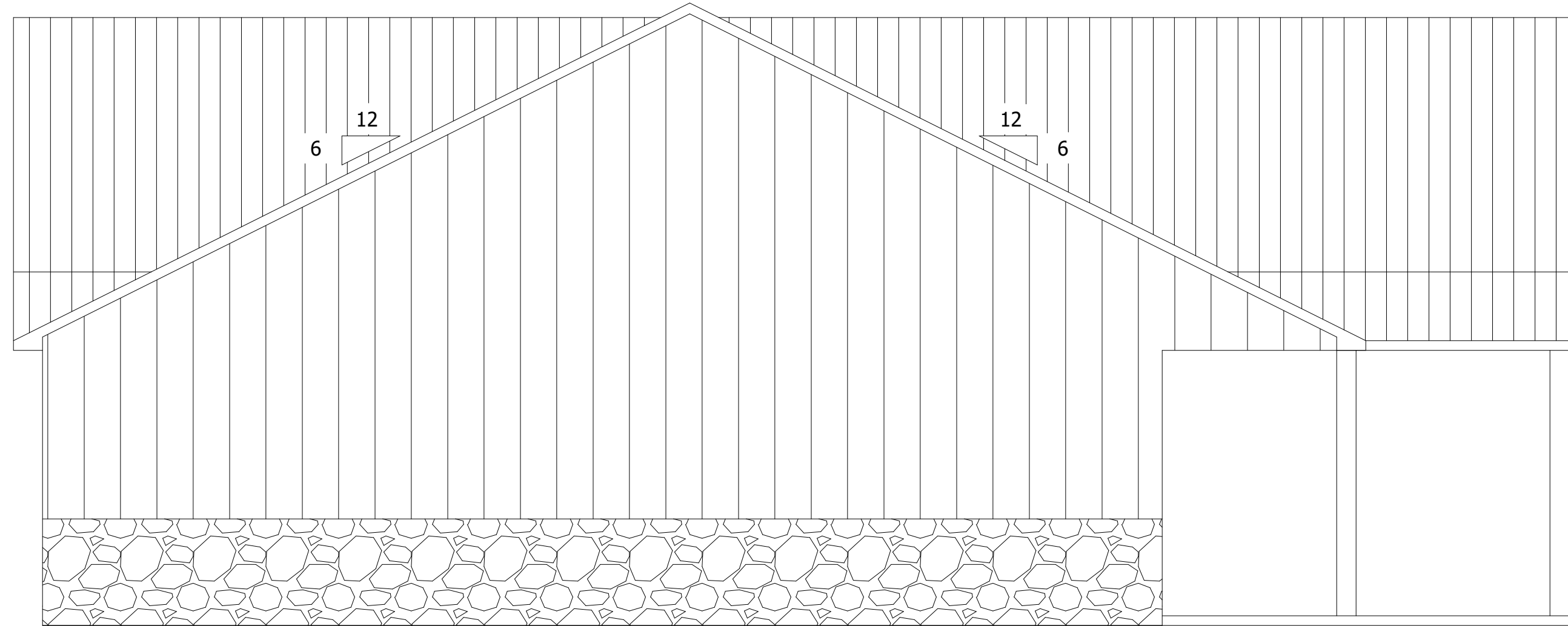


1
S.2

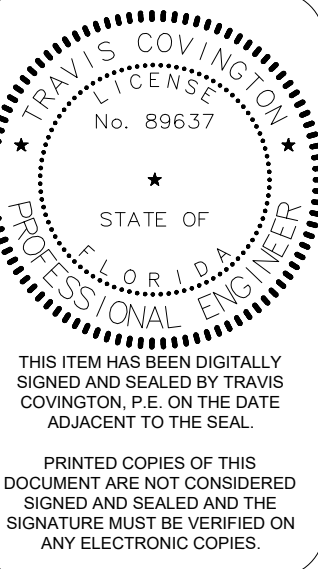
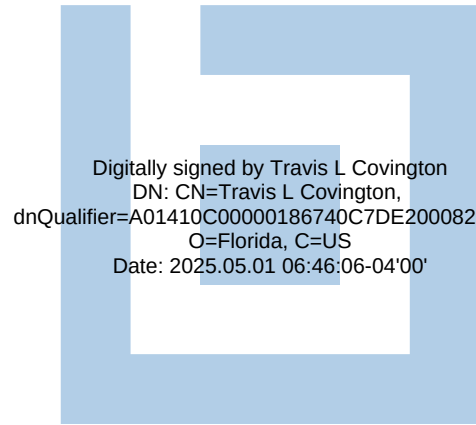
TYPICAL WALL SECTION
SCALE: N.T.S.



LEFT ELEVATION
SCALE: 1/4"=1'-0"



RIGHT ELEVATION
SCALE: 1/4"=1'-0"



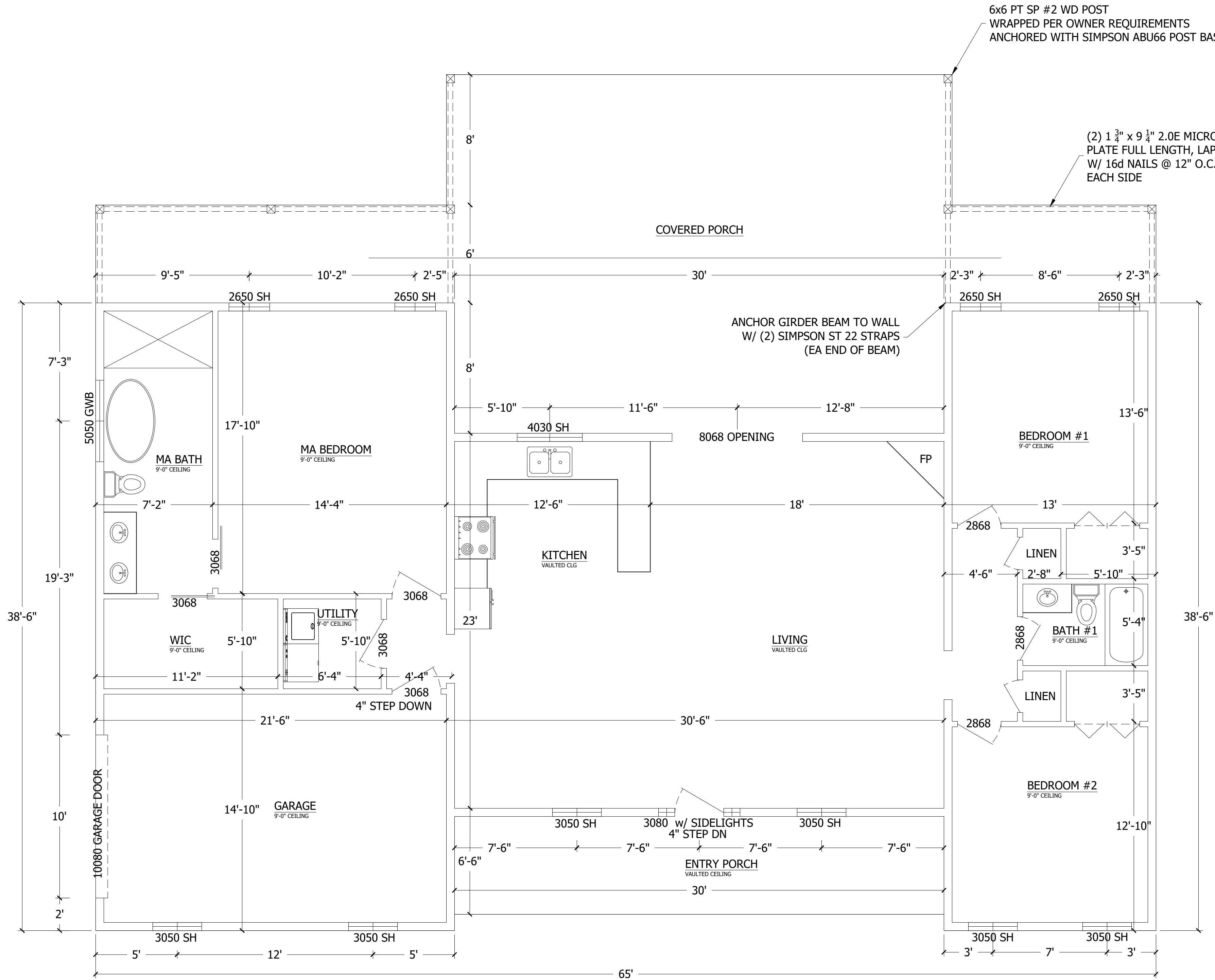
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ELEVATION
VIEWS

SHEET NUMBER
A2
OF 8 SHEETS



FLOOR PLAN
SCALE: 1/4"=1'-0"

AC LIVING AREA	=	1733.5 SF
GARAGE	=	319 SF
PORCH	=	1058 SF
TOTAL AREA	=	3110.5 SF

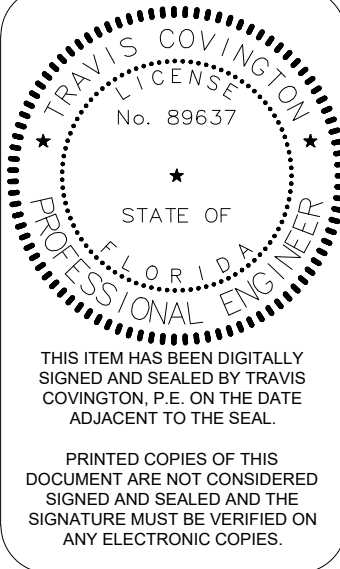
FIRE BLOCKING NOTES:

FIRE BLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

- IN CONCEALED SPACED OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
- AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
- IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN.
- AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH PYROPANEL MULTIFLEX SEALANT
- AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS, FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

GARAGE PENETRATION, SEPERATION & FIRE PROTECTION NOTES:

- OPENINGS FROM A PRIVATE GARAGE DIRECTLY INTO A ROOM USED FOR SLEEPING PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 13/8 INCHES (35 MM) IN THICKNESS, SOLID OR HONEYCOMBCORE STEEL DOORS NOT LESS THAN 13/8 INCHES (35 MM) THICK, OR 20-MINUTE FIRE-RATED DOORS.
- DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE CONSTRUCTED OF A MINIMUM NO. 26 GAGE (.048 MM) SHEET STEEL, 1 INCH (25.4 MM) MINIMUM RIGID NONMETALLIC CLASS 0 OR CLASS 1 DUCT BOARD, OR OTHER APPROVED MATERIAL AND SHALL NOT HAVE OPENINGS INTO THE GARAGE.
- PRIVATE GARAGE SHALL BE SEPERATED FROM THE DWELLING UNIT AND ITS ATTIC AREA BY MEANS OF A MINIMUM 1/2" GYPSUM BOARD APPLIED TO THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS SHALL BE SEPERATED FROM ALL HABITATLBLE ROOMS ABOVE BY NOT LESS THAN 5/8" INCH TYPE X GYPSUM BOARD OR EQUIVALENT.



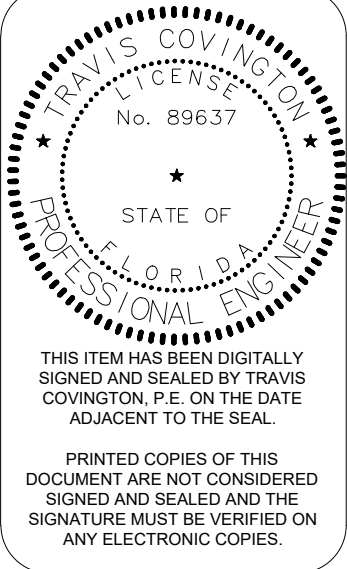
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FLOOR PLAN

SHEET NUMBER
A3
OF 8 SHEETS



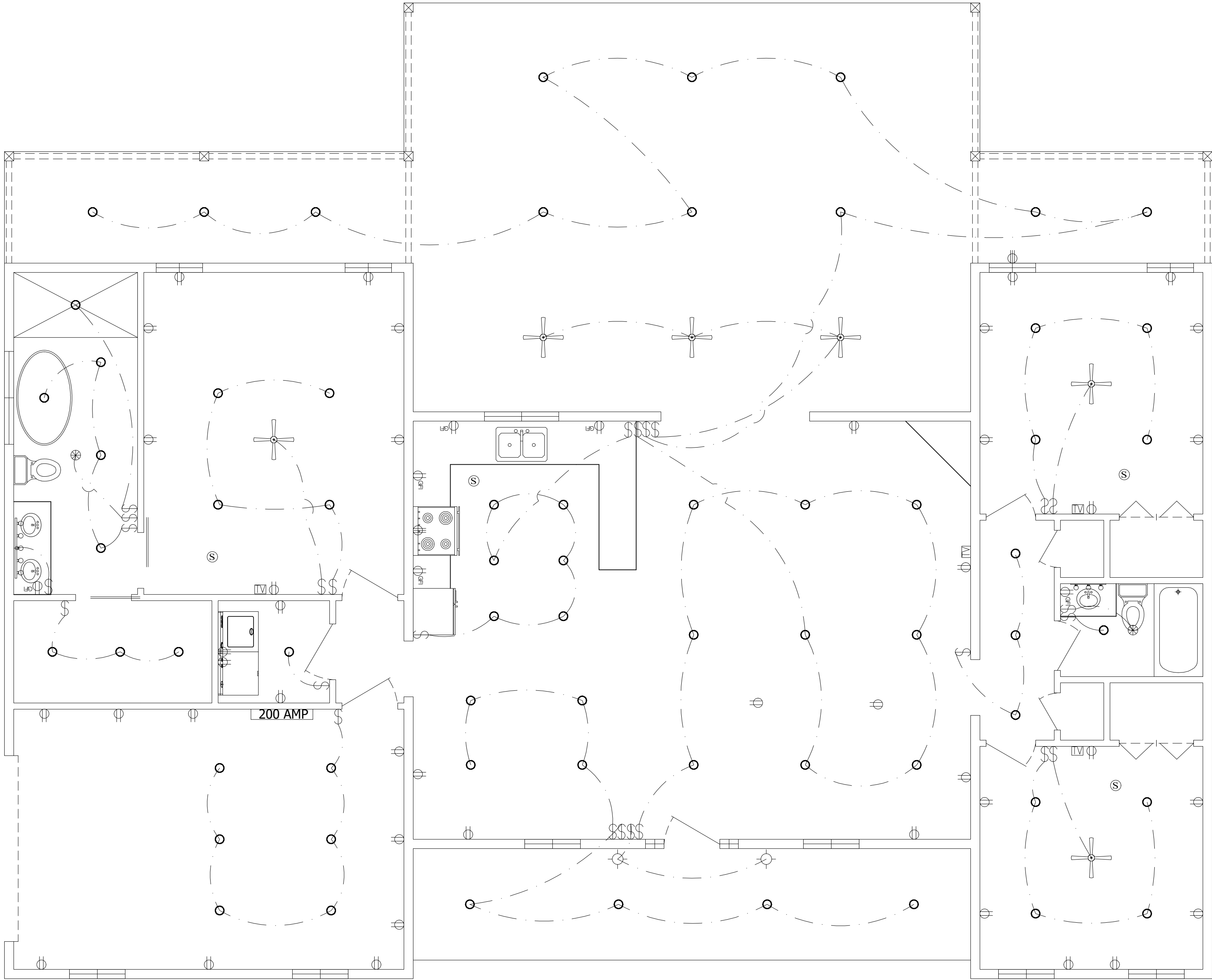
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JOB NUMBER
STR013

ELECTRICAL
PLAN

SHEET NUMBER
A4
OF 8 SHEETS



ELECTRICAL PLAN
SCALE: 1/4"=1'-0"

ELECTRICAL LEGEND

- CEILING FAN (WITH LIGHT)
- RECESSED CAN LIGHT
- LED CEILING LIGHT
- CABLE TV OUTLET
- LIGHT VENT COMBO
- BATH EXHUAUST FAN
- DUPLEX OUTLET
- 220V OUTLET
- GFI DUPLEX OUTLET
- SMOKE DETECTOR
- LIGHT FIXTURE
- SWITCH
- 3-WAY SWITCH
- VANITY BAR LIGHT - SMALL
- VANITY BAR LIGHT - LARGE

ELECTRICAL NOTES:

INSTALLATION SHALL BE PER LATEST NAT'L ELECTRIC CODE.

WIRE ALL APPLIANCES , HVAC UNITS, AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.

CONSULT WITH THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.

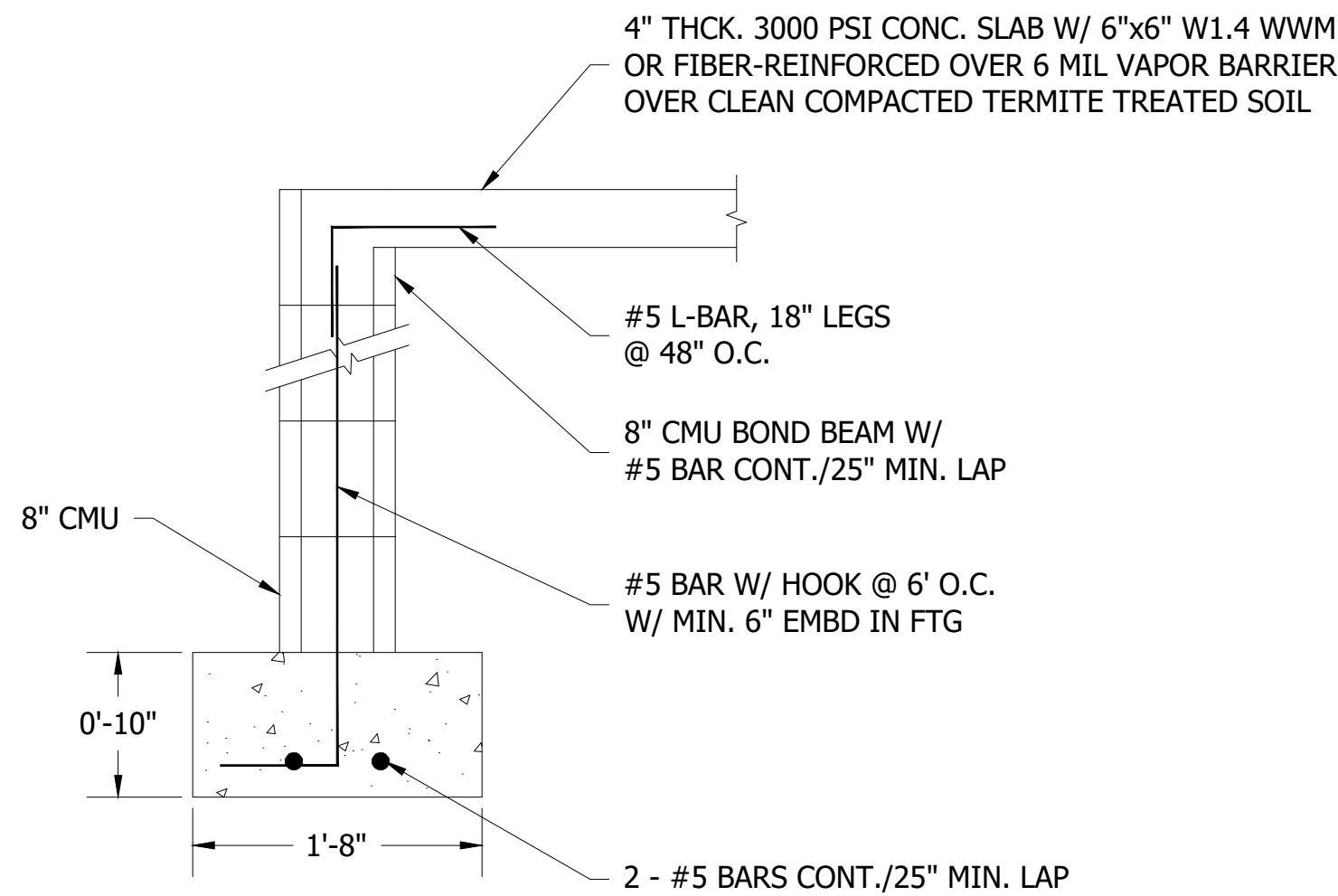
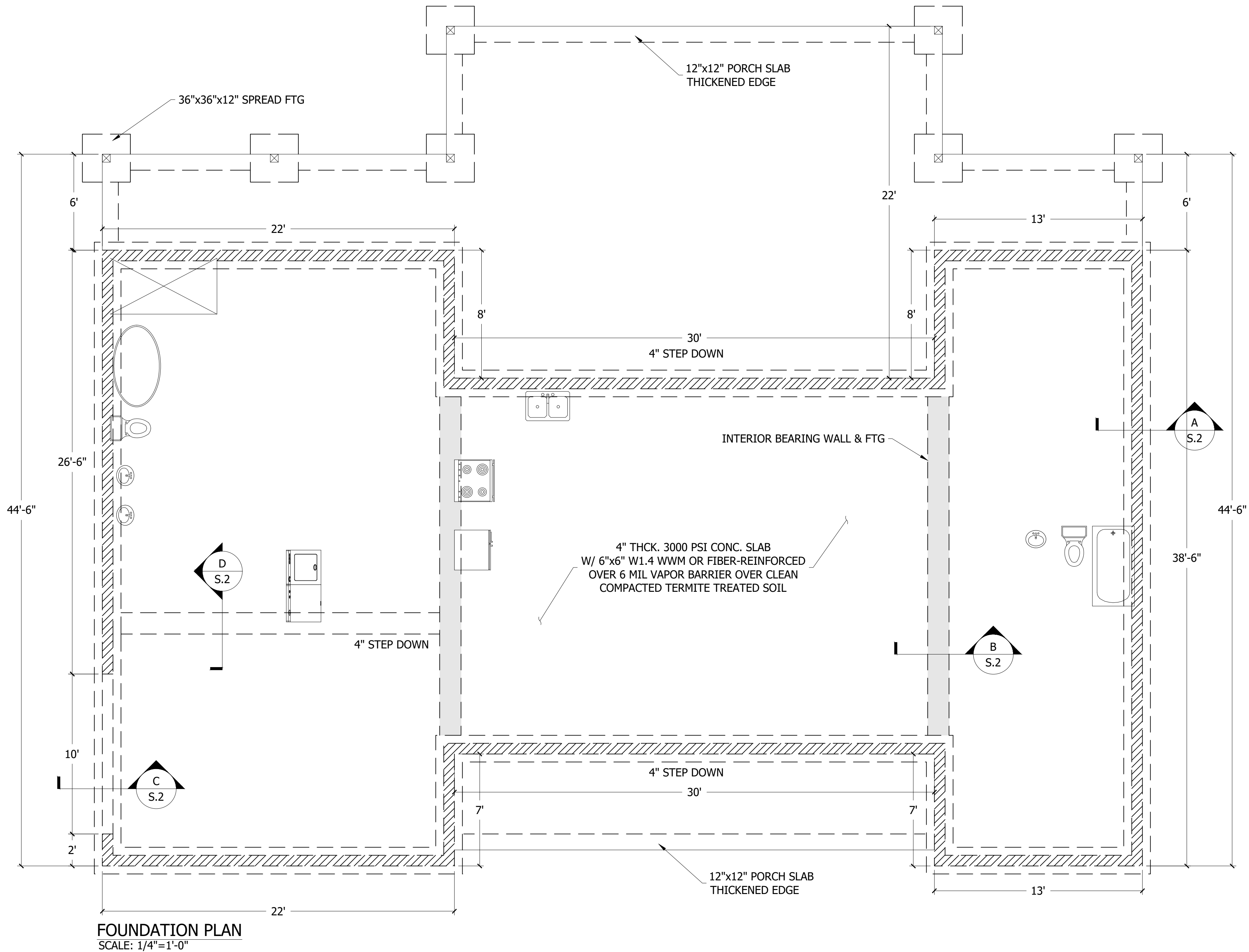
TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

ALL RECEPTACLES, NOT OTHERWISE NOTED, SHALL BE ARC FAULT INTERRUPTER TYPE, EXCEPT DEDICATED OUTLETS.

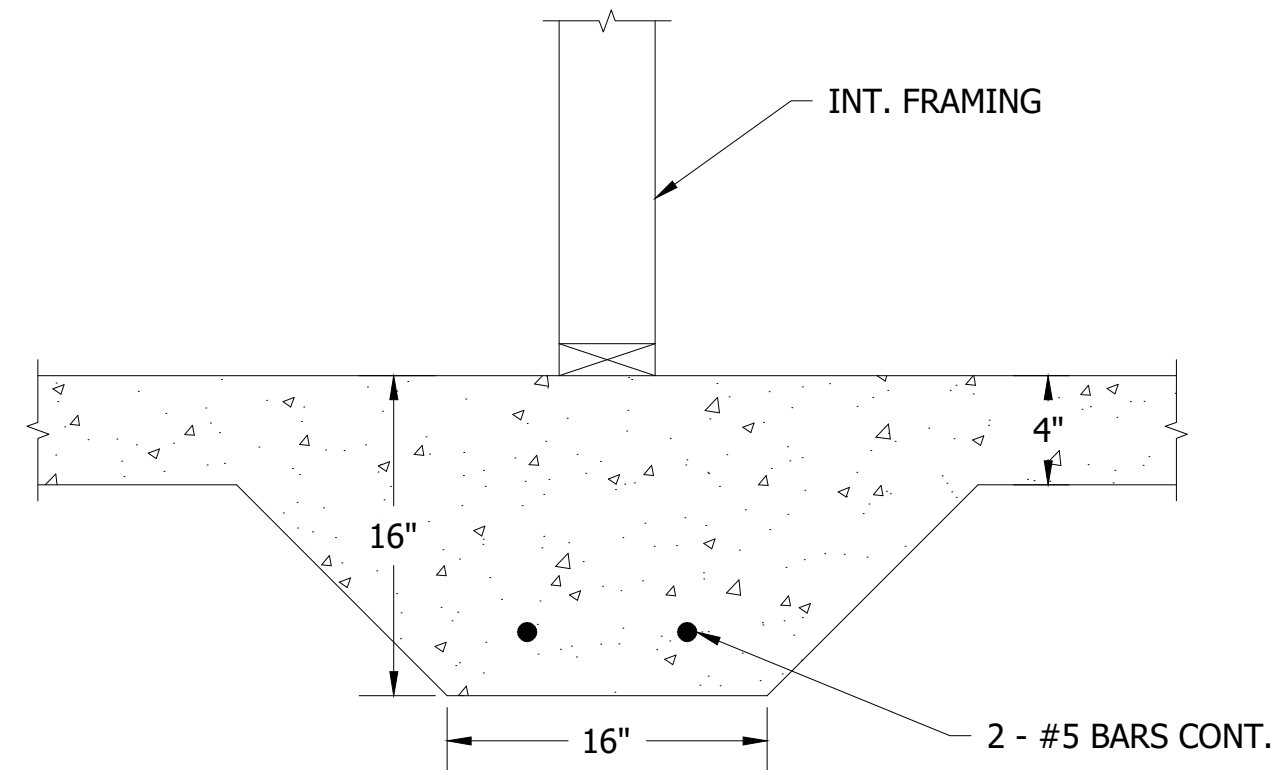
ALL RECEPTACLES IN WET AREAS SHALL BE GROUND FAULT INTERRUPTER TYPE (WP/GFI)

ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF GROUND INTERRUPTER TYPE (WP/GFI)

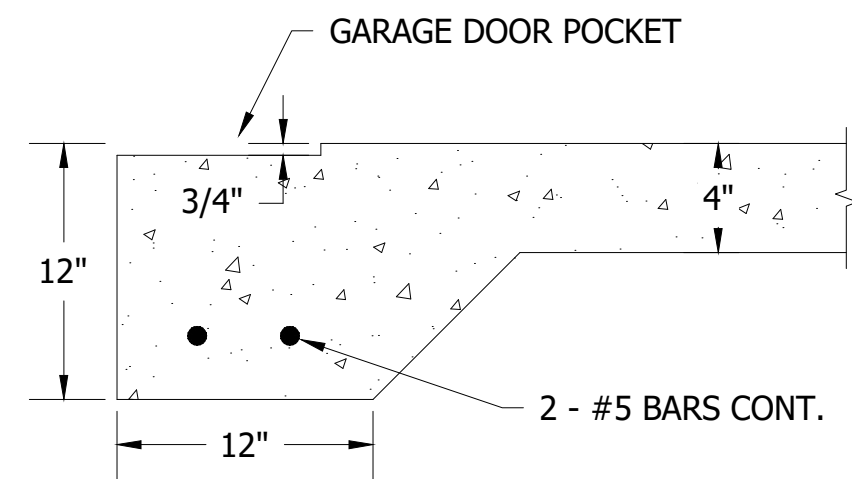
NOTE:
ELECTRICAL CONT'R SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ALL CKTS IDENTIFIED W/CKT Nr. DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING / DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS. CONTRACTOR SHALL PROVIDE COPIES OF AS-BUILT DWGS TO OWNER & PERMIT ISSUING AUTHORITY



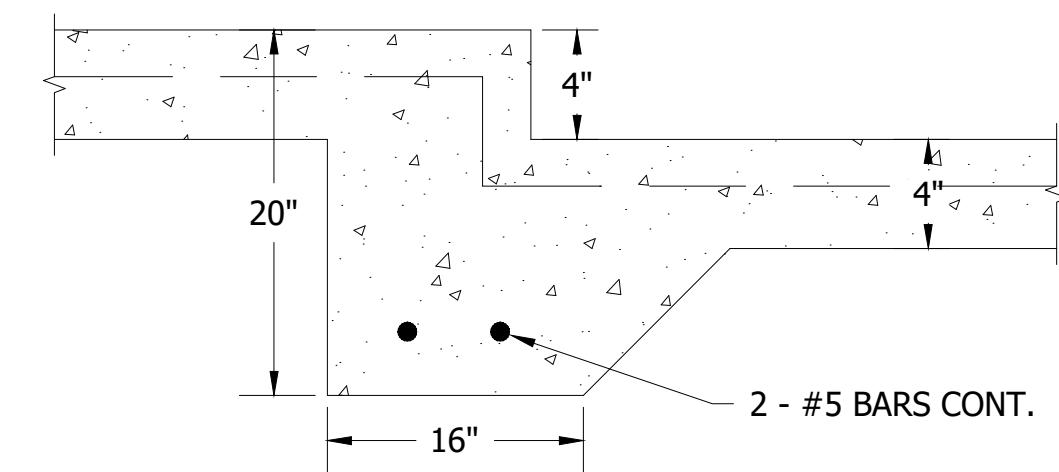
A
S.2
STEM WALL FOOTING
SCALE: N.T.S.



B
S.2
INT. BEARING FOOTING
SCALE: N.T.S.



C
S.2
GARAGE DOOR RECESS FOOTING
SCALE: N.T.S.



D
S.2
GARAGE DOOR RECESS FOOTING
SCALE: N.T.S.



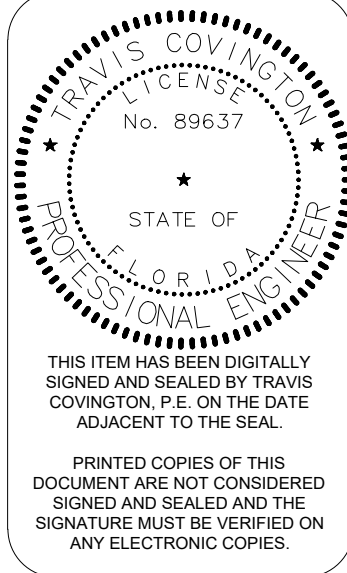
CONCRETE/MASONRY/METAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 1500 PSF
- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GRADE SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 1500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS - 85 KSI.
- CONCRETE SHALL BE STANDARD MIX F'c = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS, AND BEAMS OR SHALL BE STANDARD PUMP MIX F'c = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT, MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F'm = 1500 PSI
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36
- STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

NOTE:
PLUMBING CONTRACTOR SHALL PREPARE "AS BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM. CONTRACTOR SHALL PROVIDE COPIES OF AS BUILT DRAWINGS TO OWNER AND PERMIT ISSUING AUTHORITY.

HVAC CONTRACTOR SHALL PREPARE "AS BUILT" SHOP DRAWINGS INDICATING ALL HVAC WORK, INCLUDING ALL DUCTWORK LOCATION, SIZES, LINES, EQUIPMENT SCHEDULE, & BALANCING REPORT. CONTRACTOR SHALL PROVIDE COPIES OF AS BUILT DRAWINGS TO OWNER AND PERMIT ISSUING AUTHORITY

INTERIOR BEARING WALLS:
IT IS THE BUILDING CONTRACTOR'S RESPONSIBILITY TO VERIFY WITH THE TRUSS ENGINEERING ANY AND AL INTERIOR BEARING WALL LOCATIONS AND FURNISH THE ENGINEER OR ARCHITECT OF RECORD TRUSS INFO SO THICKENED FOOTINGS CAN BE SIZED AND LOCATED ON THE FOUNDATION PLAN.



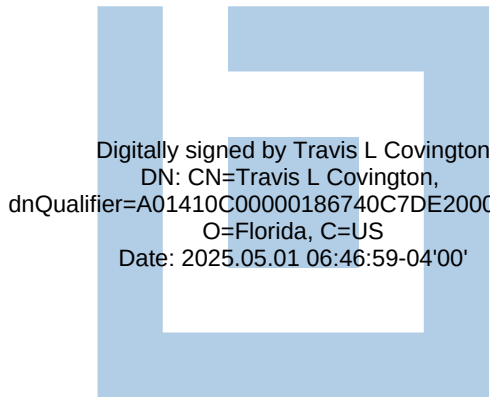
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STR013

FOUNDATION
PLAN

SHEET NUMBER
S1
OF 8 SHEETS



GENERAL ROOFING NOTES:

DECKING REQUIREMENTS:
METAL PANELS SHALL BE FASTENED TO 1x4 FURRING PURLINS OR 1/2" PLYWOOD.

CAULKING:
MUST BE APPROVED BY THE MANUFACTURER, BUTYL SEALANT SUPPLIED IN TAP OR GUN-GRADE FORM.

METAL PANEL:
METAL PANELS SHALL BE MIN. 29 GA AND COMPLY WITH ASTM A-792 AND D 7-98.

FASTENERS: FASTENERS FOR METAL PANELS SHALL BE GALVANIZED WOOD FAST SCREW, MIN. #9 x 1 1/2" HEX HEAD.

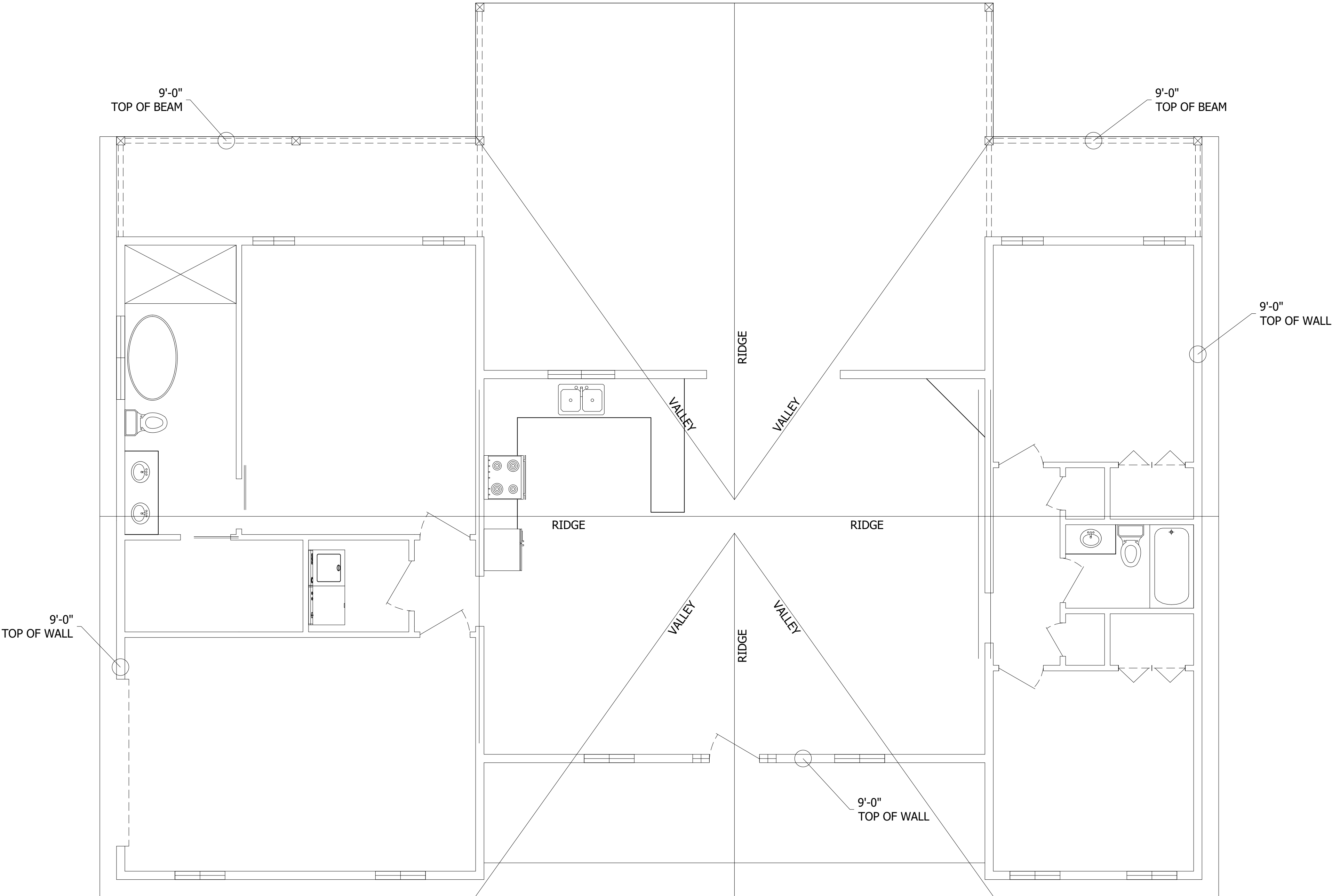
ATTACHMENT:
METAL PANELS SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN 24" O.C. WHERE ROOF IS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF METAL PANELS SHALL CONFORM WITH ASTM E 330 OR PA 125.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFGR'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE EITHER CORROSION RESISTANT METAL OF MIN. NOMINAL THICKNESS OF 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MIN. OF 77 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

- VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ROOFING MATERIAL. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED.
- OPEN VALLEYS LINED WITH METAL: THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND ANY OF THE CORROSION RESISTANT METALS IN FBC 1507.3.9.2.
 - OPEN VALLEYS: VALLEY LINING OF TWO PLIES OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MIN. OF 36 INCHES WIDE.
 - CLOSED VALLEYS: VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
 - BOTH TYPES 1 AND 2 ABOVE, COMBINED.
 - ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
 - SPECIAL UNDERLAYMENT AT LEAST 36 INCHES WIDE & COMPLYING WITH ASTM D 1970.

- UNDERLAYMENT APPLICATION:
UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:
- STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
 - STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

ROOF SHEATHING FASTENERS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/2" CDX	2 1/2" x 0.131" RING SHANK NAILS OR 3" x 0.120" RING SHANK NAILS	6 IN O.C. EDGE 6 IN O.C. FIELD
2			6 IN O.C. EDGE 6 IN O.C. FIELD
3			4 IN O.C. @ GABLE ENDWALL OR GABLE TRUSS 6 IN O.C. EDGE 6 IN O.C. FIELD



ROOF PLAN
SCALE: 1/4"=1'-0"

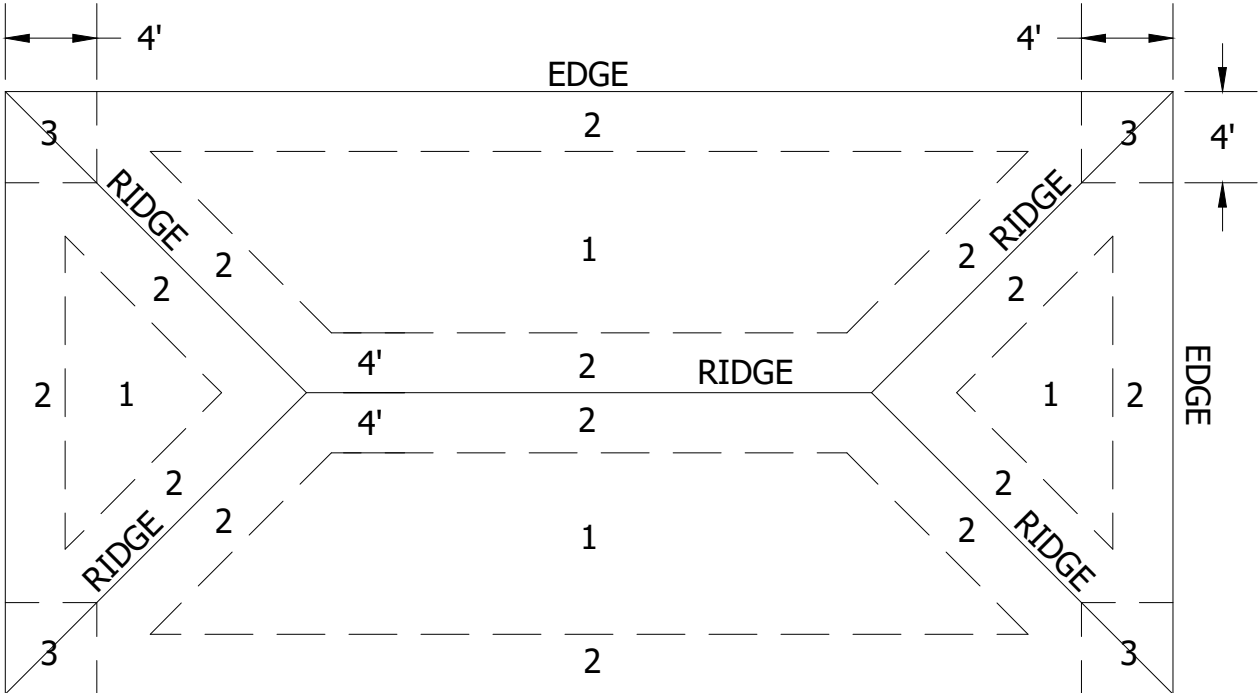
ROOF SHEATHING SPECIFICATIONS
METAL - MIN 1/2", 24/16, APA RATED PLYWOOD SHEATHING, NAILED w/ 0.113X2" RING SHANK NAILS @ 6" O.C. EDGE & 6" O.C. FIELD (AT GABLE ENDS DECREASE NAIL SPACING TO 4" O.C. WITHIN 4'-0" OF ROOF EDGE).

WOOD FRAMING SPECIFICATIONS:
ALL WOOD FRAMING HAS BEEN DESIGNED IN ACCORDANCE WITH NATIONAL DESIGN SPECIFICATIONS (NDS) FOR WOOD CONSTRUCTION, LATEST EDITION. ALL WOOD MEMBERS EXPOSED TO WEATHER OR IN CONTACT MASONRY , CONCRETE, OR SOIL SHALL BE PRESSURE TREATED. IF, ACQ OR NON-DOT BORATE PRESERVATIVE TREATMENT IS USED, ALL ATTACHED FASTENERS SHALL BE HOT DIPPED GALVANIZED. IF ACZA PRESERVATIVE IS USED, ALL ATTACHED FASTENERS SHALL BE STAINLESS STEEL.

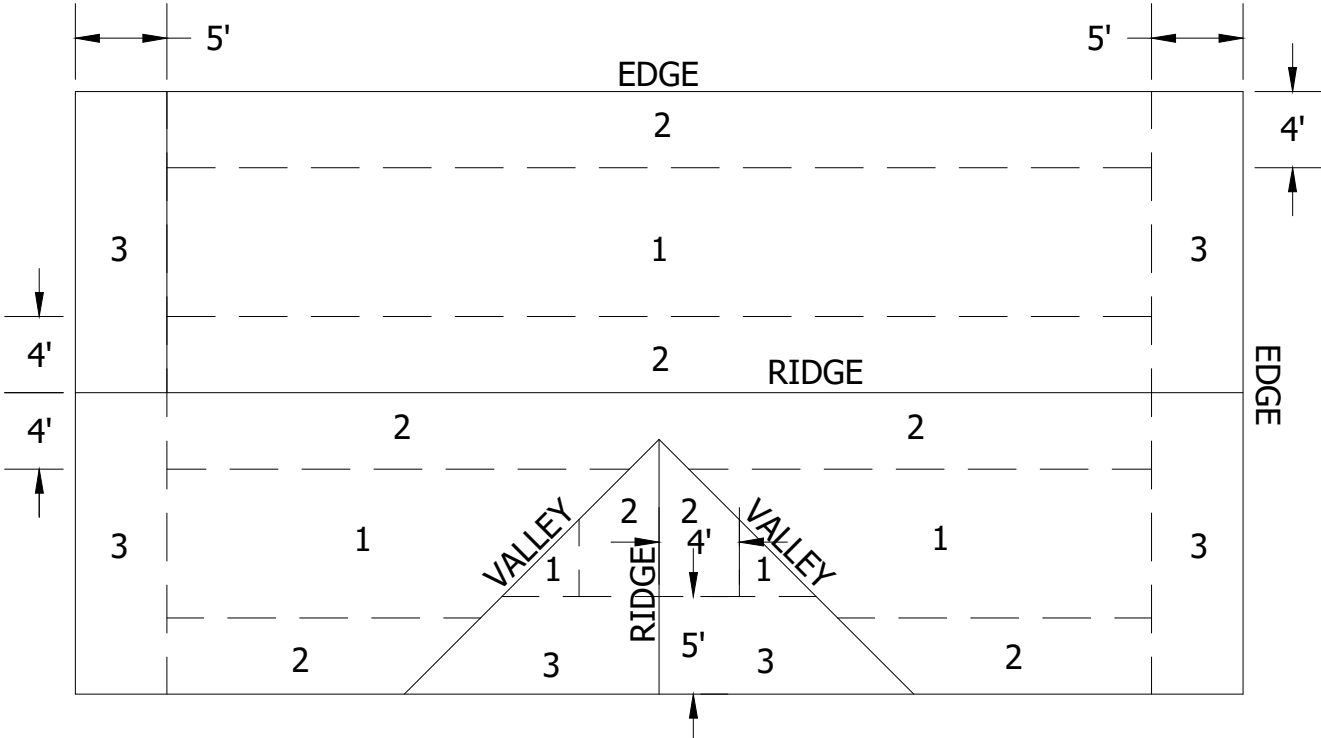
PRE-ENGINEERED WOOD TRUSSES:
SHALL BEAR THE SEAL OF AN ENGINEER IN THE STATE WHERE PROJECT IS BEING BUILT AND SHALL COMPLY WITH NFPA, TPI, AND ATTC 100. CONTRACTOR SHALL VERIFY THAT ADEQUATE TRUSS BEARING IS INSTALLED AT ALL TRUSSES AS INDICATED IN THE TRUSS SHOP DRAWINGS. ALL TRUSS-TO-TRUSS CONNECTIONS AND TRUSS PROFILES ARE THE RESPONSIBILITY OF THE DELEGATED TRUSS ENGINEER. ALL TRUSSES SHALL HAVE TEMPORARY BRACING PER "COMMENTARY" AND RECOMMENDATION FOR HANDLING, INSTALLING, & BRACING METAL PLATE CONNECTED WOOD TRUSSES, H1B-91." AT MULTIPLE STRAP CONNECTIONS, SPREAD STRAPS TO AVOID NAILING CONFLICTS THROUGH TRUSS. WHEN USING (2) STRAPS ON SINGLE PLY TRUSSES, PLACE DIAGONALLY ACROSS DBL. TOP PLATE FROM EA. OTHER.

ROOF COVERING SPECIFICATIONS:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF THE ROOF COVERING SYSTEM. ASPHALT SHINGLES SHALL COMPLY WITH ASTM D3161 AND BE INSTALLED ACCORDING TO THE MANUFACTURER'S REQUIREMENTS. CLAY AND TILE ROOFS SHALL BE INSTALLED PER THE "CONCRETE AND CLAY ROOF TILE INSTALLATION MANUAL." AND THE MANUFACTURERS REQUIREMENTS. STANDING SEAM METAL ROOFS SHALL COMPLY WITH ASTM E1514AND BE INSTALLED ACCORDING TO THE MANUFACTURERS REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL METAL FLASHING AND VALLEY MATERIALS.

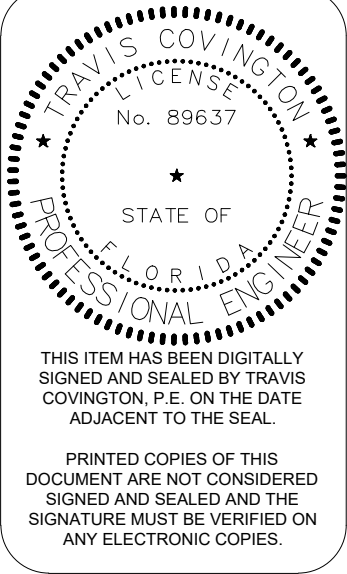
WATERPROOFING:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN/INSTALLATION OF ALL WATER PROOFING.



ROOF SHEATHING NAILING ZONES (HIP ROOF)



ROOF SHEATHING NAILING ZONES (GABLE ROOF)



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ROOF PLAN

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<u>WINDOW SILL SCHEDULE</u>		
ROUGH OPENING	DROPPED HEAD OR SILL PLATES	MIN. END FASTENER EACH END
≤ 4'-4"	(1)2x4/6 SPF #2	(4)12d TOE NAILS
≤ 6'-4"	(2)2x4/6 SPF #2	(5)12d TOE NAILS
≤ 8'-4"	(3)2x4/6 SPF #2	(1)A34 + (4)12d TOE NAILS
≤ 12'-0"	(3)2x6 SPF #2	(1)A35 + (4)12d TOE NAILS

DESIGN CRITERIA & LOADS	
BUILDING CODE	2023 FBC - RESIDENTIAL
CODE FOR DESIGN LOADS	ASCE 7-22
WINDLOADS	
BASIC WIND SPEED (ASCE 7-22)	130 MPH
WIND EXPOSURE	B
RISK CATEGORY	II
ENCLOSURE CLASSIFICATION	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	#0.18
ROOF ANGLE	7-45 DEGREES
MAN ROOF HEIGHT	25 FT
LOADING	
ROOF	20 PSF LIVE LOAD
FLOOR	40 PSF LIVE LOAD

BUILDER'S RESPONSIBILITY

THE BUILDER AND OWNER ARE RESPONSIBLE FOR THE FOLLOWING, WHICH AREA SPECIFICALLY NOT PART OF THE WIND LOAD ENGINEER'S SCOPE OF WORK.

CONFIRM SITE CONDITIONS, FOUNDATION BEARING CAPACITY, GRADE AND BACKFILL HEIGHT, WIND SPEED AND DEBRIS ZONE, AND FLOOD ZONE.

PROVIDE MATERIALS AND CONSTRUCTION TECHNIQUES, WHICH COMPLY WITH FBCR REQUIREMENTS FOR THE STATED WIND VELOCITY AND DESIGN PRESSURES.

PROVIDE A CONTINUOUS LOAD PATH FROM TRUSSES TO FOUNDATION. IF YOU BELIEVE THE PLAN OBTAINS A CONTINUOUS LOAD PATH CONNECTION, CALL THE WIND LOAD ENGINEER IMMEDIATELY.

VERIFY THE TRUSS MANUFACTURER'S SEALED ENGINEERING INCLUDES TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS.



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COVINGTON ENGINEERING SERVICES

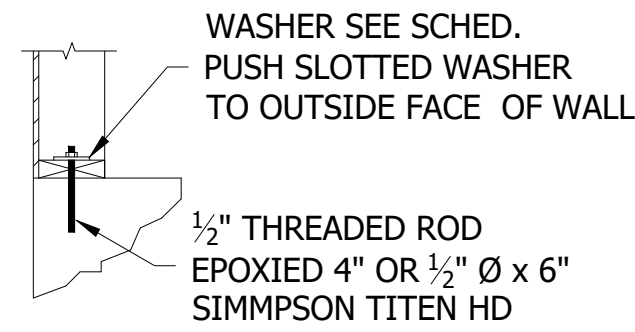
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TRAVIS@COVINGTONENG.COM
813.770.3470

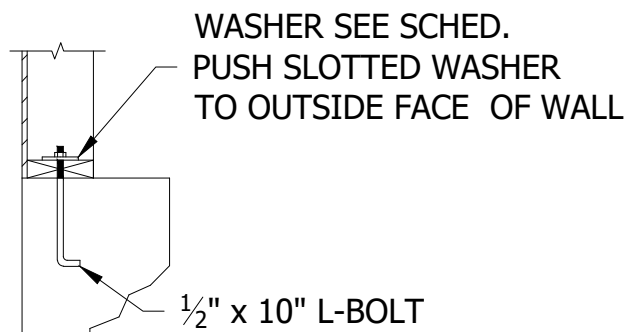
JOB NUMBER
STR013

STRUCTURAL NOTES & DETAILS

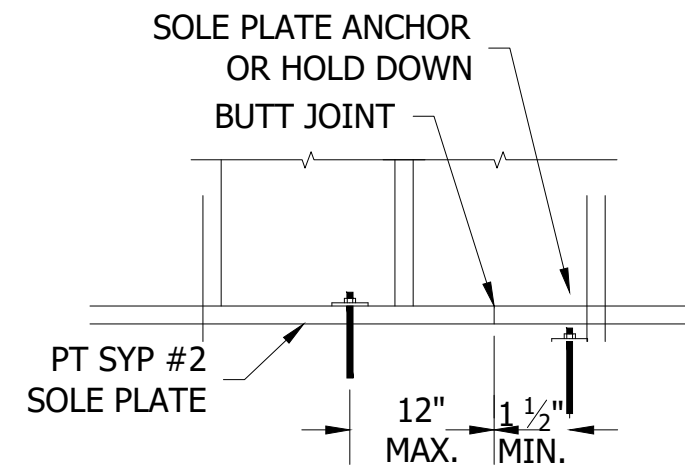
SHEET NUMBER
S3
OF 8 SHEETS



EXPOXY AND SCREW ANCHORS



J-BOLT EMBEDDED ANCHORS

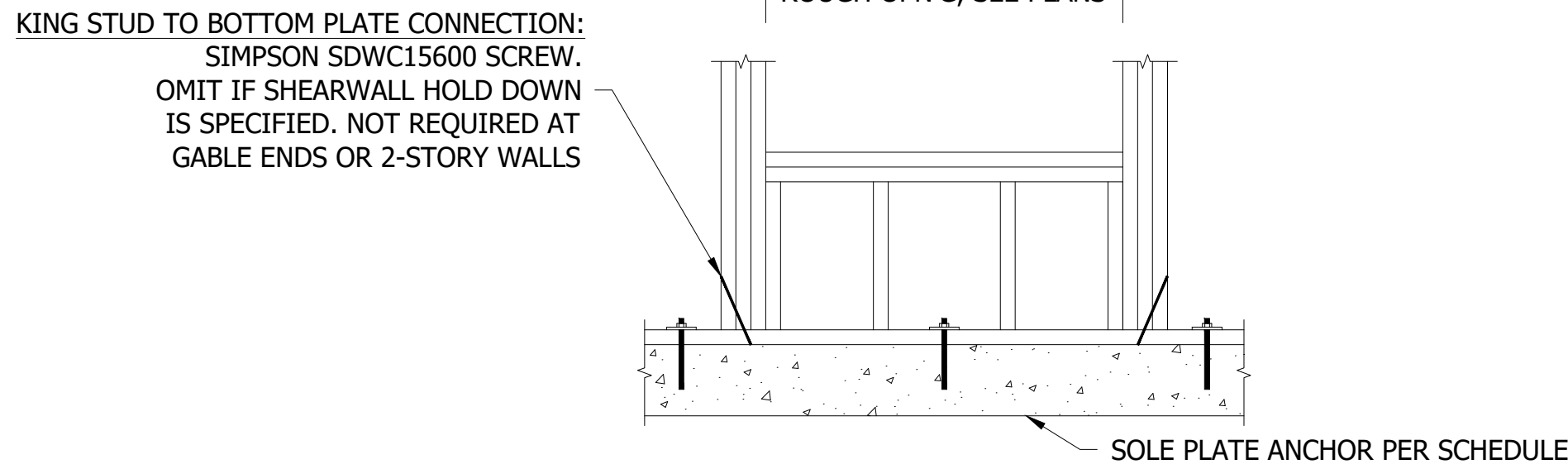
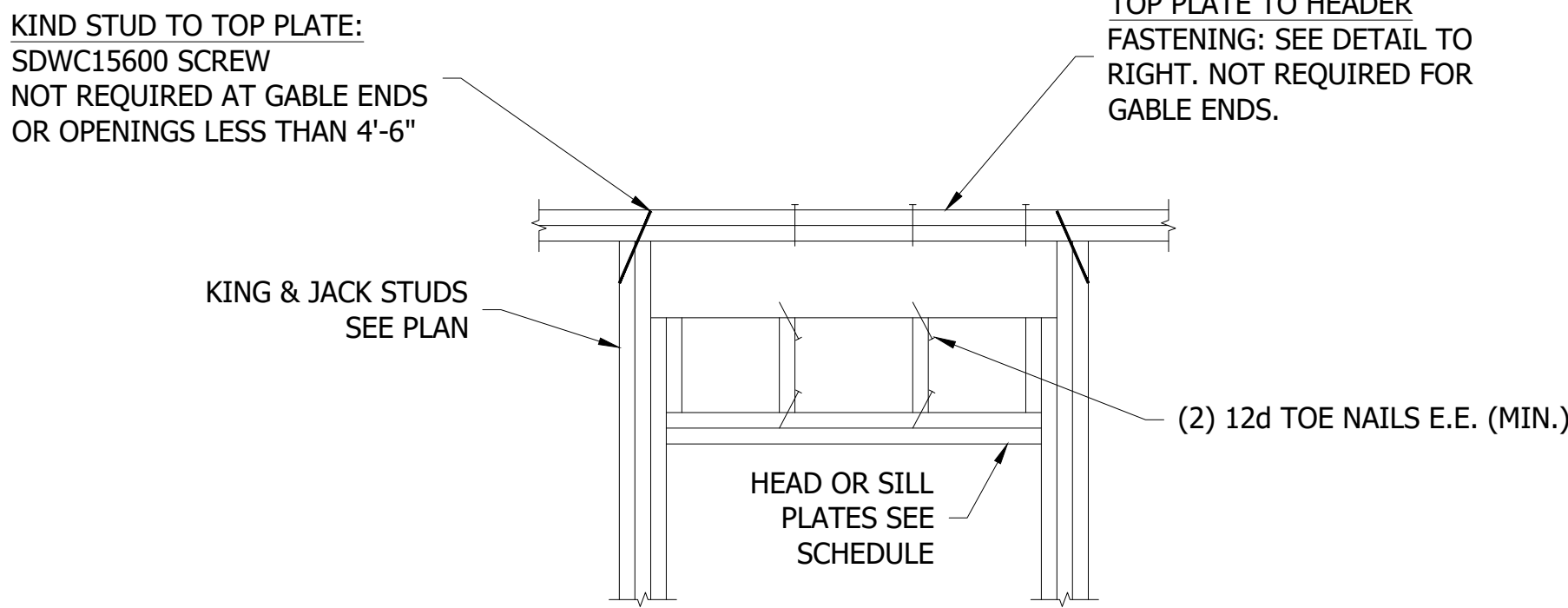


SOLE PLATE BREAK

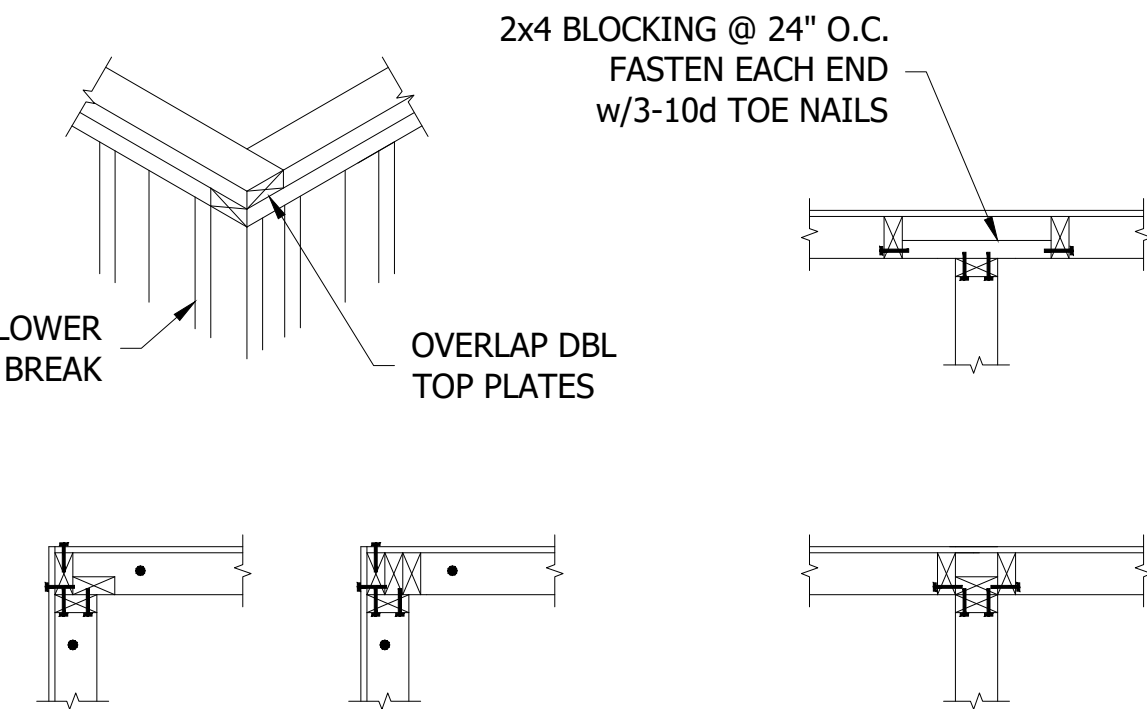
SOLE PLATE ANCHOR SCHEDULE						
ANCHOR	EXT. WALL SPACING	SHEARWALL SPACING	WASHER SPEC		EMBEDDMENT DEPTH	MIN. EDGE DISTANCE
			2x4 WALL	2x6 WALL		
TITEN HD	42"	24"	2x2x $\frac{5}{8}$ "	3x3x0.229"	4"	2"
EPOXY	42"	24"	2x2x $\frac{5}{8}$ "	3x3x0.229"	4"	2"
J-BOLT	42"	24"	2x2x $\frac{5}{8}$ "	3x3x0.229"	7"	2"

- NOTES:
- SOLE PLATE ANCHORS ARE REQUIRED AT ALL EXTERIOR WALLS AND ADJACENT TO CORNERS AND PLATE BREAKS.
 - 3x3 WASHERS SHALL BE SLOTTED.
 - AS AN ALTERNATE TO THE 3x3x $\frac{1}{4}$ " PLATE WASHER, A 3x3x $\frac{1}{8}$ " W/ 1 $\frac{1}{2}$ "Ø ROUND STEEL WASHER MAY BE USED.

3 S.2 SOLE PLATE ANCHORING DETAIL & SCHEDULE
SCALE: N.T.S.



SINGLE STORY

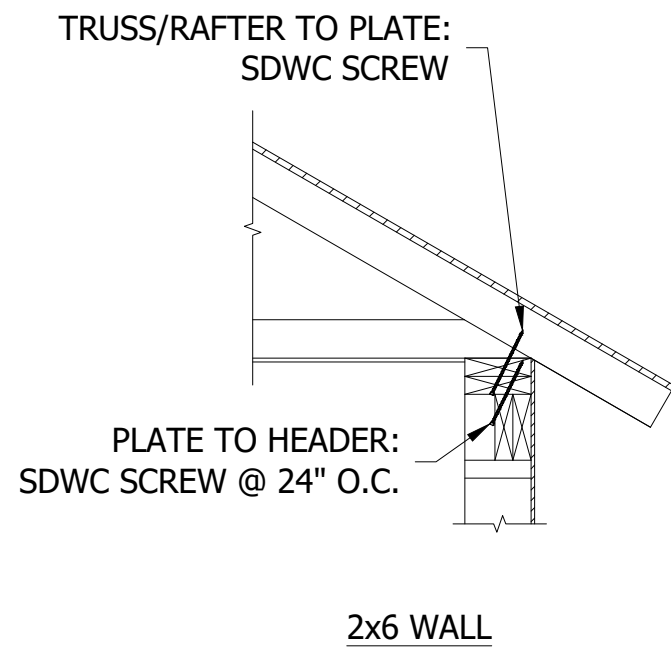


CORNER CONDITIONS

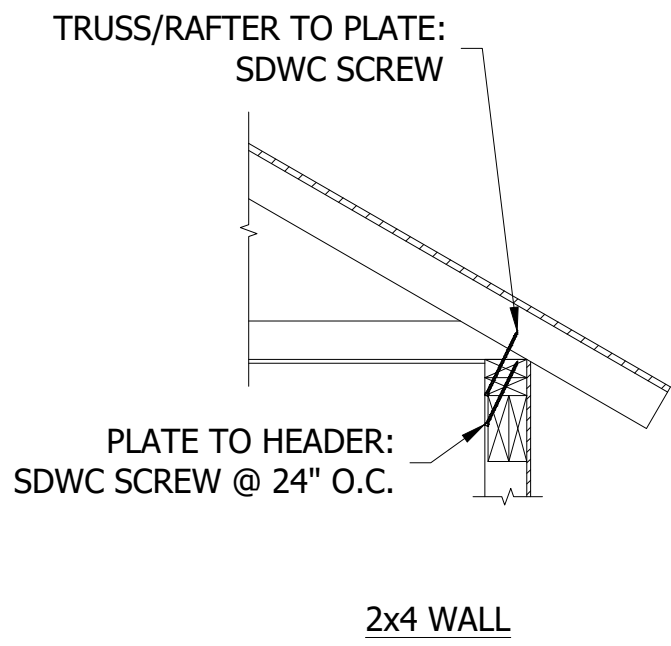
WALL INTERSECTION CONDITIONS

- NOTES:
- OVERLAP TOP PLATES AT CORNERS AND INTERSECTIONS.
 - DENOTES 3"x0.131" GUN NAILS @ 6" O.C. VERTICAL.
 - DENOTES SOLE PLATE ANCHOR. SEE SCHEDULE.
 - SOLE PLATE ANCHOR NOT REQUIRED WHEN HOLD DOWN IS INSTALLED.
 - CONTRACTOR MAY CHOOSE EITHER OPTION WHERE MULTIPLE OPTIONS ARE SHOWN.

3 S.2 FRAMED WALL CORNDER & INTERSECTING STUDS
SCALE: N.T.S.

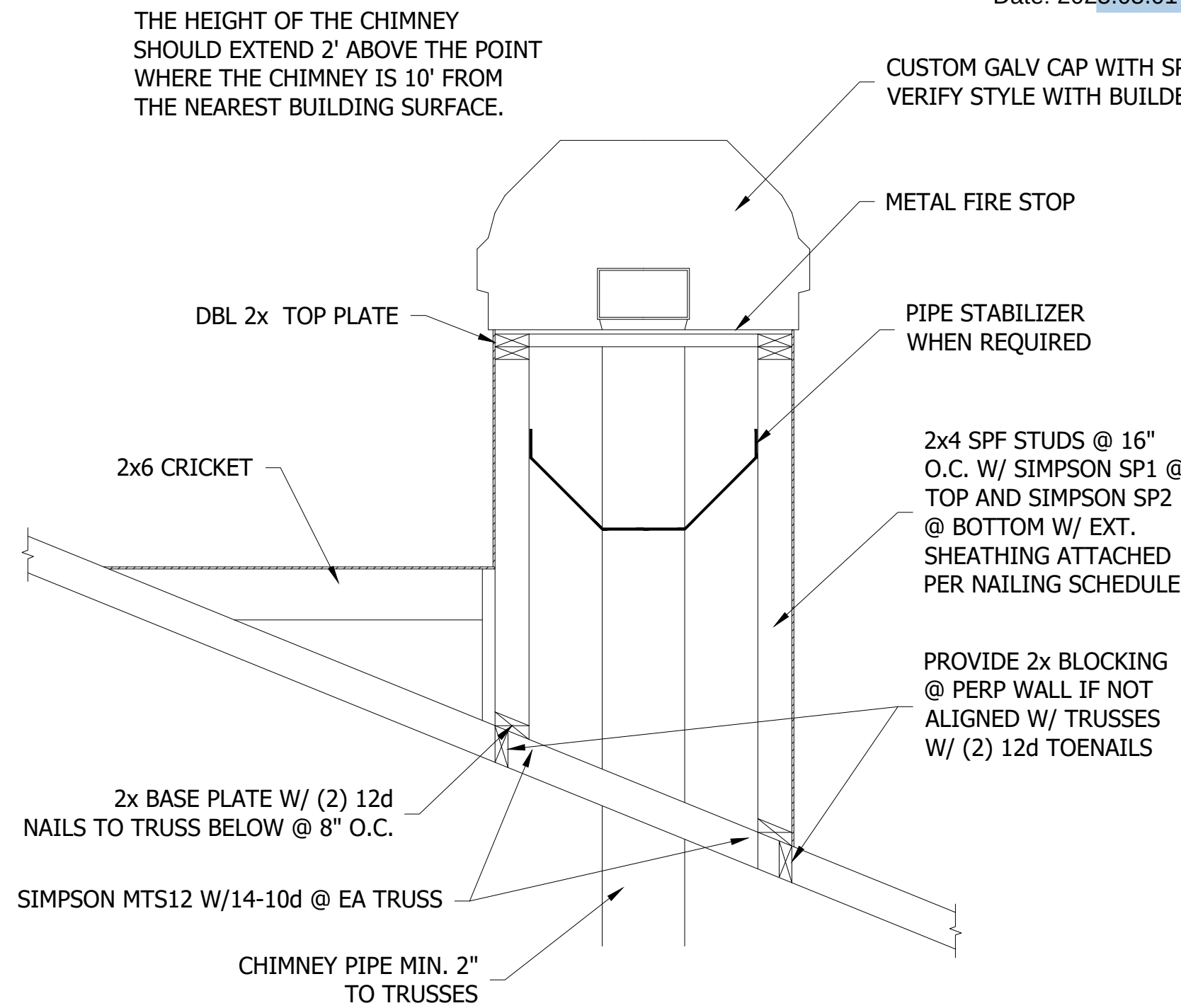


2x6 WALL



2x4 WALL

HEADER FASTENING SCHEDULE

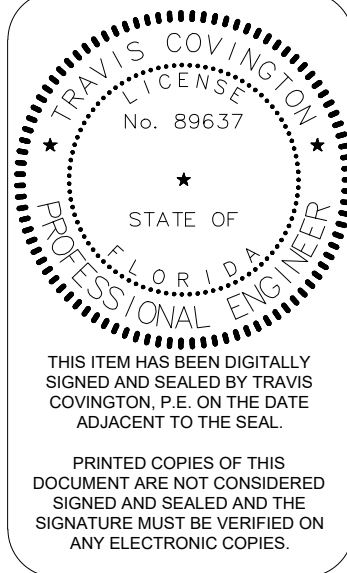


3 S.2 TYPICAL CHIMNEY FRAME DETAIL
SCALE: N.T.S.

BUILDING COMPONENTS & CLADDING LOADS
MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B"
ROOF ANGLE 27° TO 45°

	ZONE	AREA FT²	Vult 115 MPH		Vult 120 MPH		Vult 130 MPH		Vult 140 MPH	
			POS	NEG	POS	NEG	POS	NEG	POS	NEG
ROOF 27° TO 45°	1	10	10.2	-20.3	11.1	-22.1	13	-26	15.1	-30.1
	1	20	10	-18	10	-19.6	11.3	-23	13.1	-26.7
	1	50	10	-15	10	-16.3	10	-10.2	10.5	-22.2
	1	100	10	-12.7	10	-13.8	10	-16.2	10	-18.8
	2e	10	10.2	-24.2	11.1	-26.3	13	-30.9	15.1	-35.9
	2e	20	10	-19.1	10	-20.8	11.3	-24.4	13.1	-28.3
	2e	50	10	-11.9	10	-12.9	10	-15.1	10.5	-17.6
	2e	100	10	-11.9	10	-12.9	10	-15.1	10	-17.6
	2r	10	10.2	-30.6	11.1	-33.3	13	-39.1	15.1	-45.4
	2r	20	10	-25.7	10	-28	11.3	-32.8	13.1	-38.1
	2r	50	10	-19.2	10	-20.9	10	-24.5	10.5	-28.4
	2r	100	10	-14.3	10	-15.5	10	-18.2	10	-21.2
	3	10	10.2	-32.7	11.1	-35.6	13	-41.7	15.1	-48.4
	3	20	10	-24.6	10	-26.7	11.3	-31.4	13.1	-36.4
	3	50	10	-14.3	10	-15.5	10	-18.2	10.5	-21.2
	3	100	10	-14.3	10	-15.5	10	-18.2	10	-21.2
WALL	4	10	14.3	-15.5	15.5	-16.9	18.2	-19.8	21.2	-22.9
	4	20	13.6	-14.8	14.8	-16.1	17.4	-19	20.2	-22
	4	50	12.8	-14	13.9	-15.2	16.3	-17.9	19	-20.7
	4	100	12.1	-13.3	13.2	-14.5	15.5	-17.1	18	-19.8
	4	500	10.6	-11.9	11.6	-12.9	13.6	-15.1	15.8	-17.6
	5	10	14.3	-19.1	15.5	-20.8	18.2	-24.4	21.2	-28.3
	5	20	13.6	-17.8	14.8	-19.4	17.4	-22.8	20.2	-26.4
	5	50	12.8	-16.1	13.9	-17.6	16.3	-20.6	19	-23.9
	5	100	12.1	-14.8	13.2	-16.1	15.5	-19	18	-22
	5	500	10.6	-11.9	11.6	-12.9	13.5	-15.1	15.8	-17.6

3 S.2 TYPICAL HEADER STRAPPING
SCALE: N.T.S.



YUNCK RESIDENCE

348 SW LEGREE TERRACE
FORT WHITE, FL 32038

COVINGTON ENGINEERING SERVICES

272 NW COUNTRY LAKE DR. LAKE CITY, FL 32055
813.770.9470
TRAVIS@COVINGTONENG.COM

JOB NUMBER
STR013

STRUCTURAL
NOTES &
DETAILS

SHEET NUMBER
S4
OF 8 SHEETS