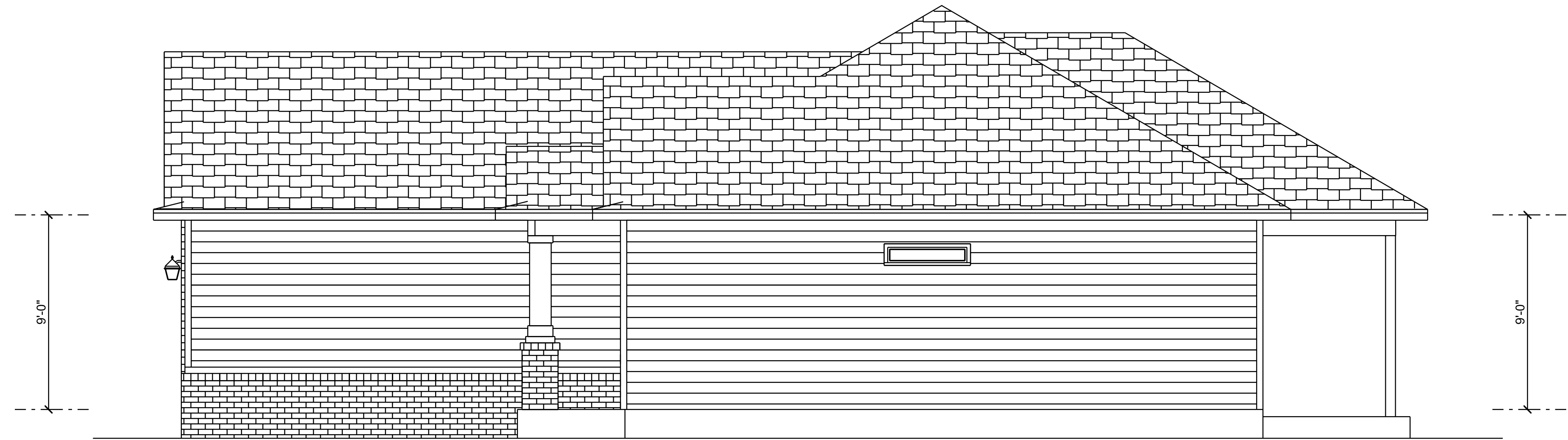
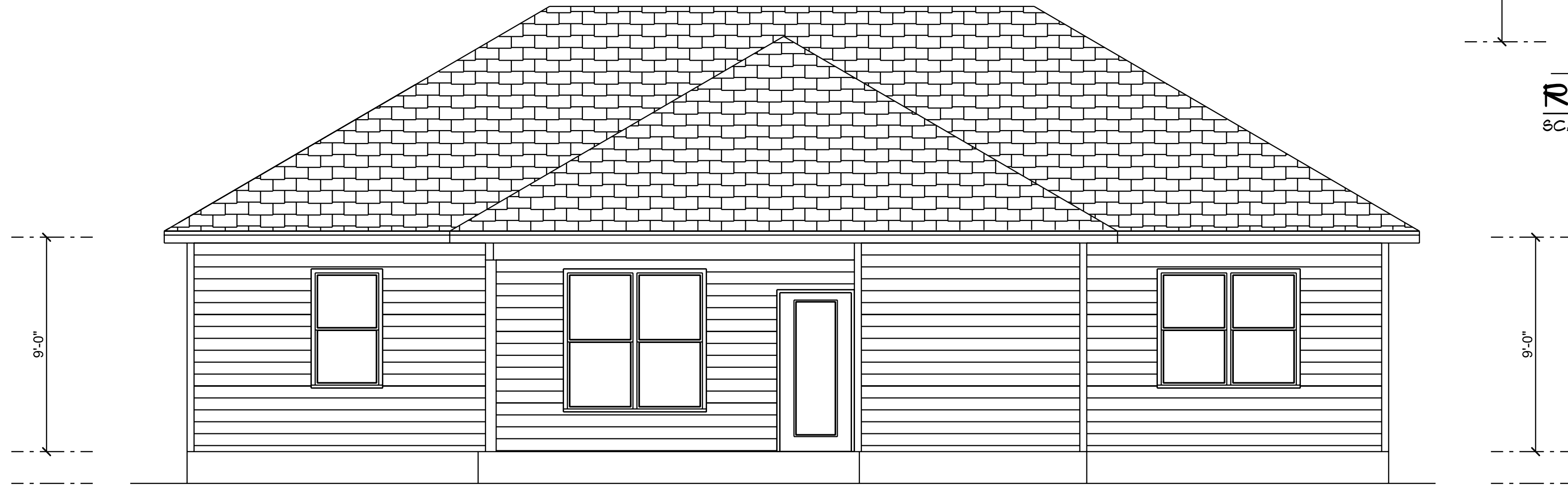


LEFT
SCALE: 1/4" = 1'-0"



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



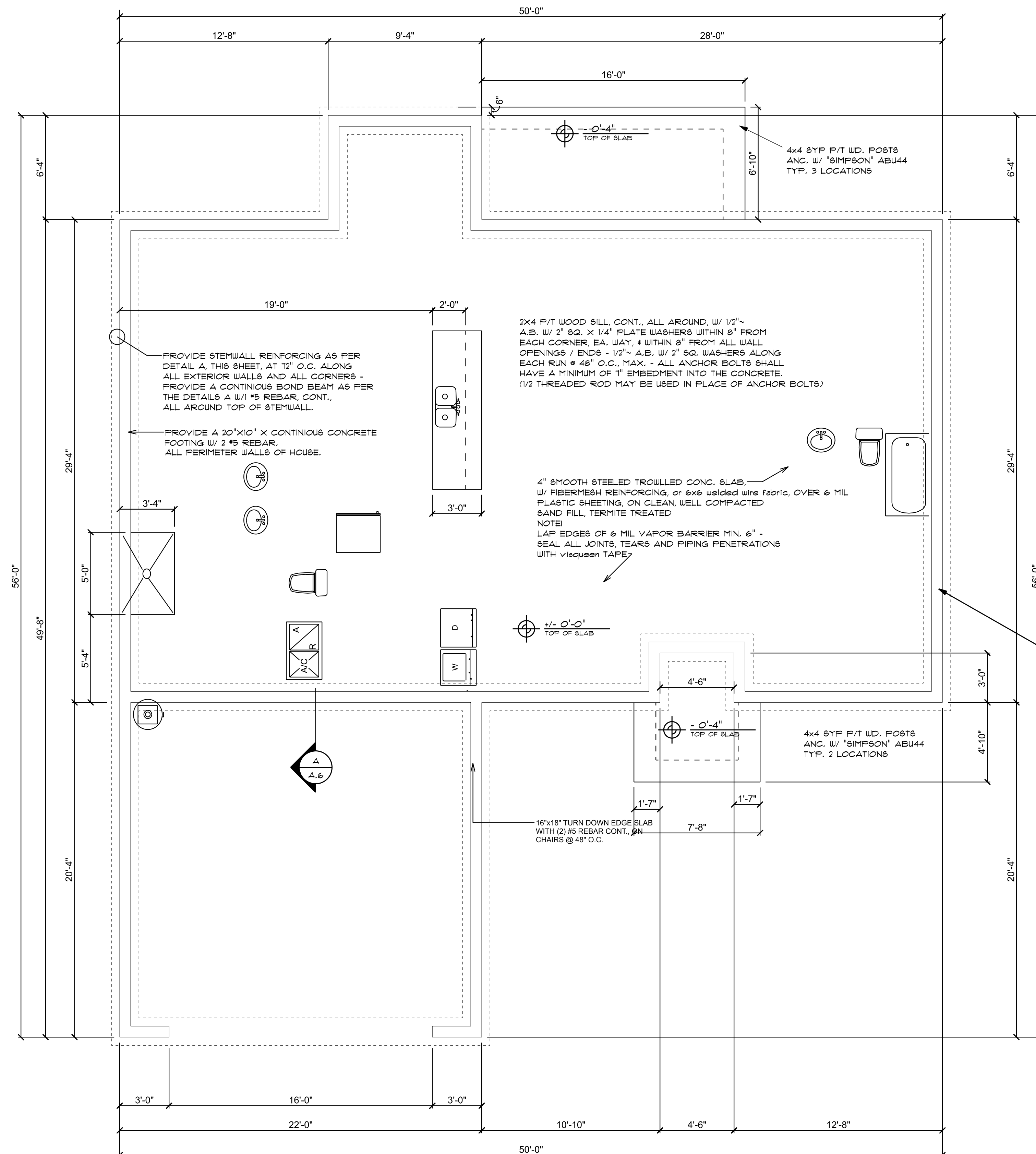
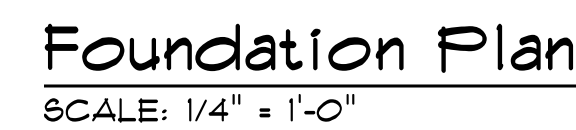
REAR
SCALE: 1/4" = 1'-0"



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

1. DESIGN SOIL BEARING PRESSURE: 1000 PSF.
2. 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.
3. CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. 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.
4. REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
5. WELDED WIRE MESH REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 25 KSI.
6. 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.
7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE WITH ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - $f_m = 1500$ PSI.
8. MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE I OR A325, AS PER PLAN REQUIREMENTS.
10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.

NOTE:
ADDED FILL SHALL BE APPLIED IN 8" LIFTS -
EA. LIFT SHALL BE COMPACTED TO 98% DRY
COMPACTION PER THE "MODIFIED PROCTOR
METHOD.



CONSTRUCTION NOTES

1. FIELD VERIFY ALL DIMENSIONS AND MATERIALS. ALL OUTSIDE DIMENSIONS ARE TO FACE OF FOUNDATION.
2. ALL NAILING CONSTRUCTION MATERIALS SHALL BE AS PER 2020 FBC.
3. PROVIDE EXTERIOR COMBUSTION AIR TO GAS FIRED H.V.A.C. EQUIPMENT, WOOD BURNING STOVES, AND FIREPLACES.
4. VENT CLOTHES DRYER, BATH, AND COOKING FANS TO EXTERIOR AS REQUIRED.
5. CONTRACTOR SHALL CALL ATTENTION TO THE DESIGNER, ANY DISCREPANCIES IN DRAWINGS AND/OR SPECIFICATIONS AND RECEIVE INSTRUCTIONS OR CLARIFICATIONS BEFORE PROCEEDING WITH THE PORTION OF THE WORK IN QUESTION.
6. ROOF : FLOOR TRUSS FRAMING PLANS ARE FOR GENERAL INFORMATION ONLY. THE TRUSS MANUFACTURER SHALL PROVIDE DETAILED LAYOUT FOR TRUSSES AND FRAMING MEMBERS.
7. SHOULD CONDITIONS AT THE SITE BE FOUND MATERIALLY DIFFERENT FROM THOSE INDICATED BY THE DRAWINGS AND/OR SPECIFICATIONS, AND THE CONDITIONS BE SIGNIFICANTLY DIFFERENT IN THE WORK OF THE CHARACTER SHOWN AND SPECIFIED BE DIFFERENT FROM THE DESIGNERS RECOMMENDED BUILDING PROCEDURES, CALL IMMEDIATE ATTENTION TO SUCH CONDITIONS BEFORE PROCEEDING.
8. LP GAS-BURNING APPLIANCES ARE NOT PERMITTED IN BERTENS OR CRAILSPACES.
9. DO NOT SCALE DRAMATIONS. USE PRINTED DIMENSIONS ONLY.

PROVIDE A 10"x20" CONT., CONCRETE
FOOTING W/ 2 #5 REBAR, BOTTOM & WIRE CHAIRS
@ 48" O.C. - UNDER ALL PORCH PERIMETER
OR SEE OPTIONAL MONOLITHIC DETAIL

NOTE:
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP
DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL
PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONTR
SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND
1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE:
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP
DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL
DUCTWORK LOC., SIZES, LINES, EQUIPMENT SCH. & BALANCING
REPORT - CON'TR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS
TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE!
THE DESIGN WIND SPEED FOR THIS
PROJECT IS 130 MPH PER 2020 FBC 1609
AND LOCAL JURISDICTION REQUIREMENTS

SHEAR WALL SEGMENTS, SEE A.6
(ALL EXT. WALLS, LESS DOOR OPENINGS)

Bradley Training Construction
 10000 10th Avenue, Suite 100
 Denver, CO 80231
 Tel: 303.755.1100
 Fax: 303.755.1101
 Email: info@bradleytraining.com
 Website: www.bradleytraining.com

CHECKED BY:

Diagram illustrating the logo structure. The logo is a circle divided into four quadrants. The top-left quadrant contains the letter 'A', and the other three quadrants (top-right, bottom-left, and bottom-right) contain the number '1'. A triangle is superimposed on the circle, with its base at the bottom and its apex at the top. The triangle's sides are solid black, and its interior is white. Labels 'LETTER' and 'PAGE NUMBERS' with arrows point to the 'A' and the '1's respectively.

DRAWN BY:

DATE: 1/13/2022

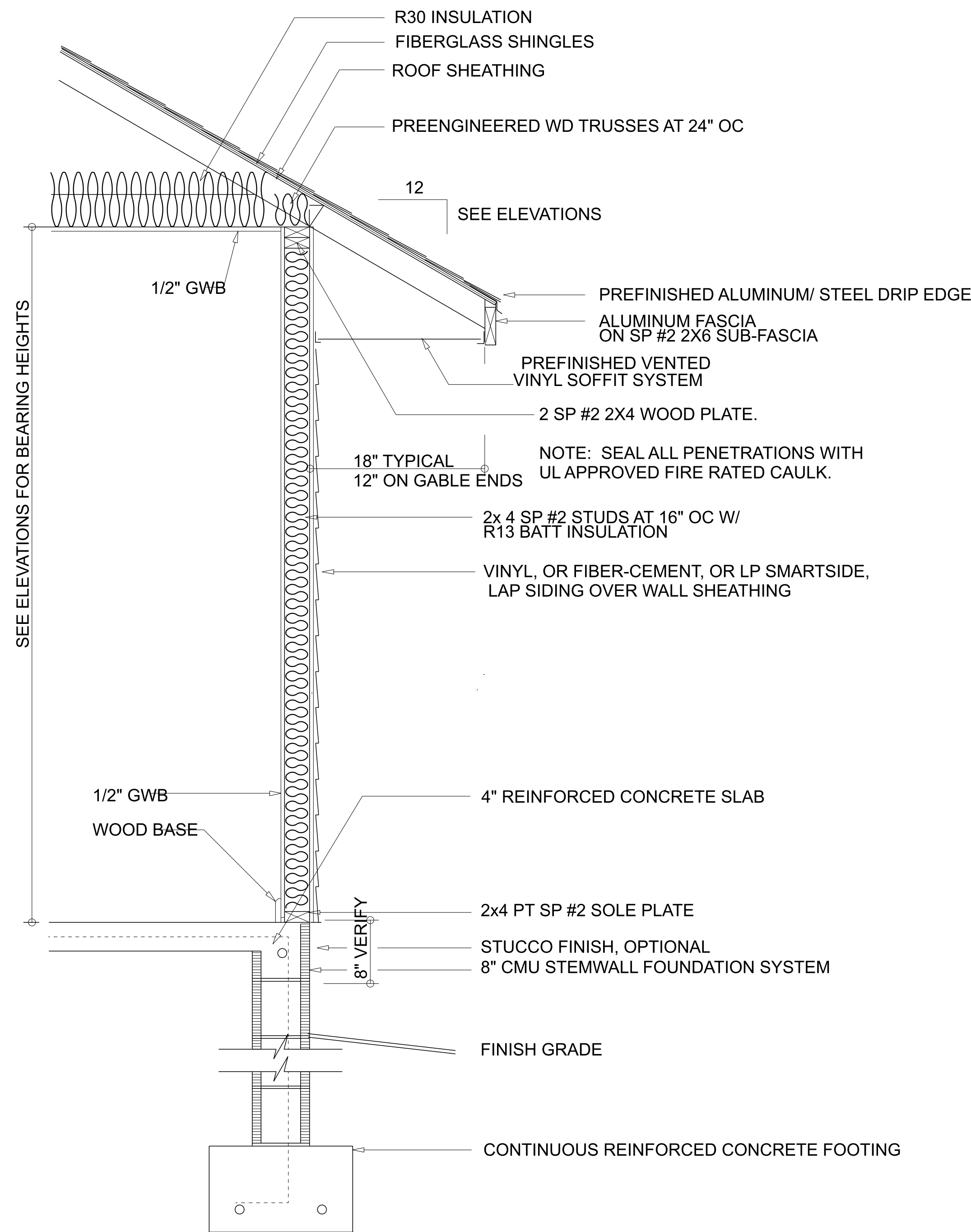
455 SW Deputy J Davis Ln
Lake City
Florida
32024
PHONE: 386-755-2455
info@bradleyfranks.com



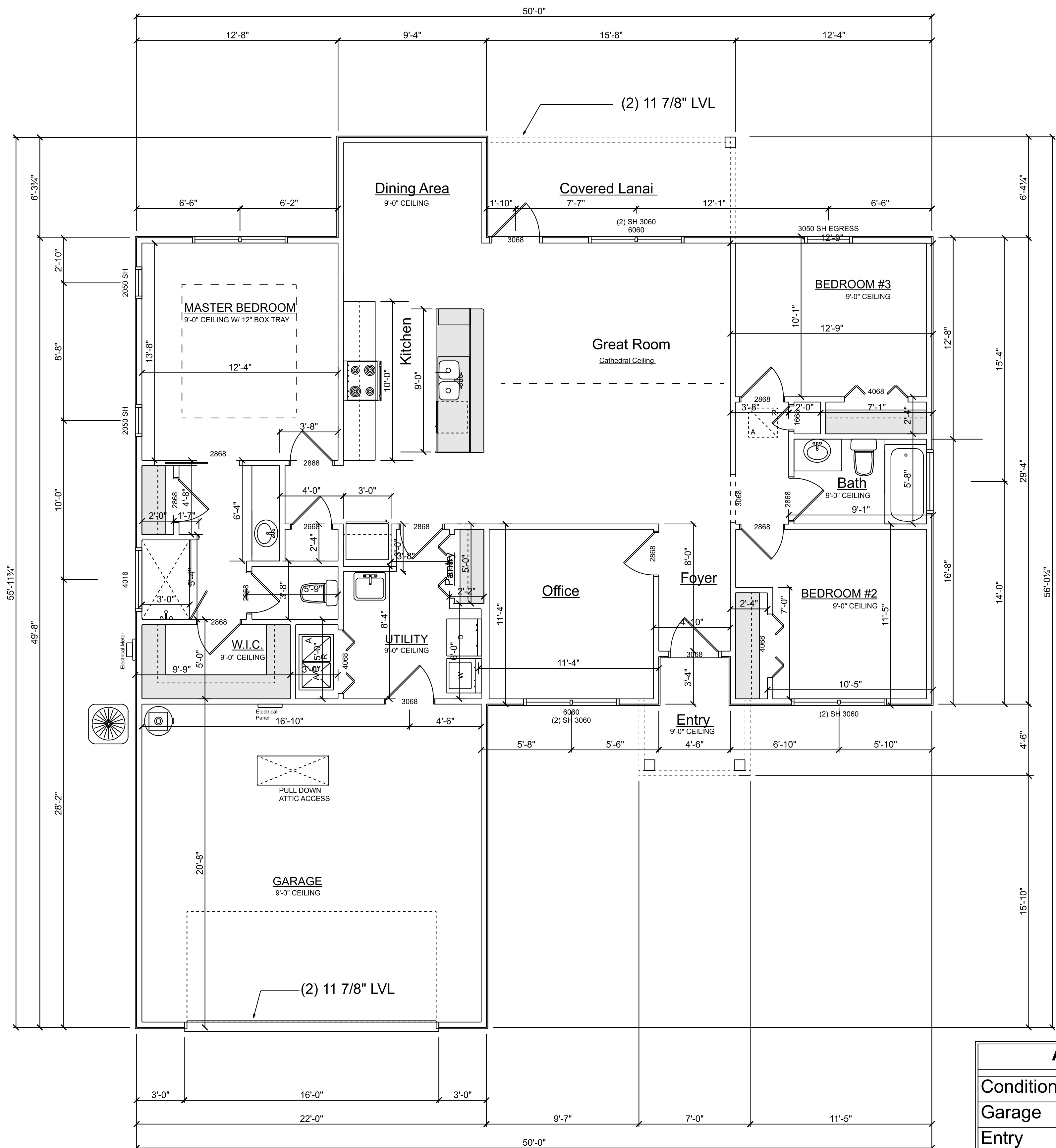
**BRADLEY
FRANKS
CONSTRUCTION**

Sunset 7
143 NW GERANIUM Ct,
LAKE CITY FL 32055

Sunset 7
143 NW G



TYPICAL WALL SECTION
SCALE: 1" = 1'-0"




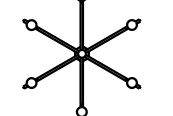
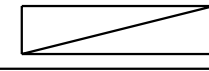



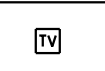











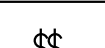
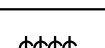
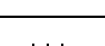
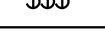



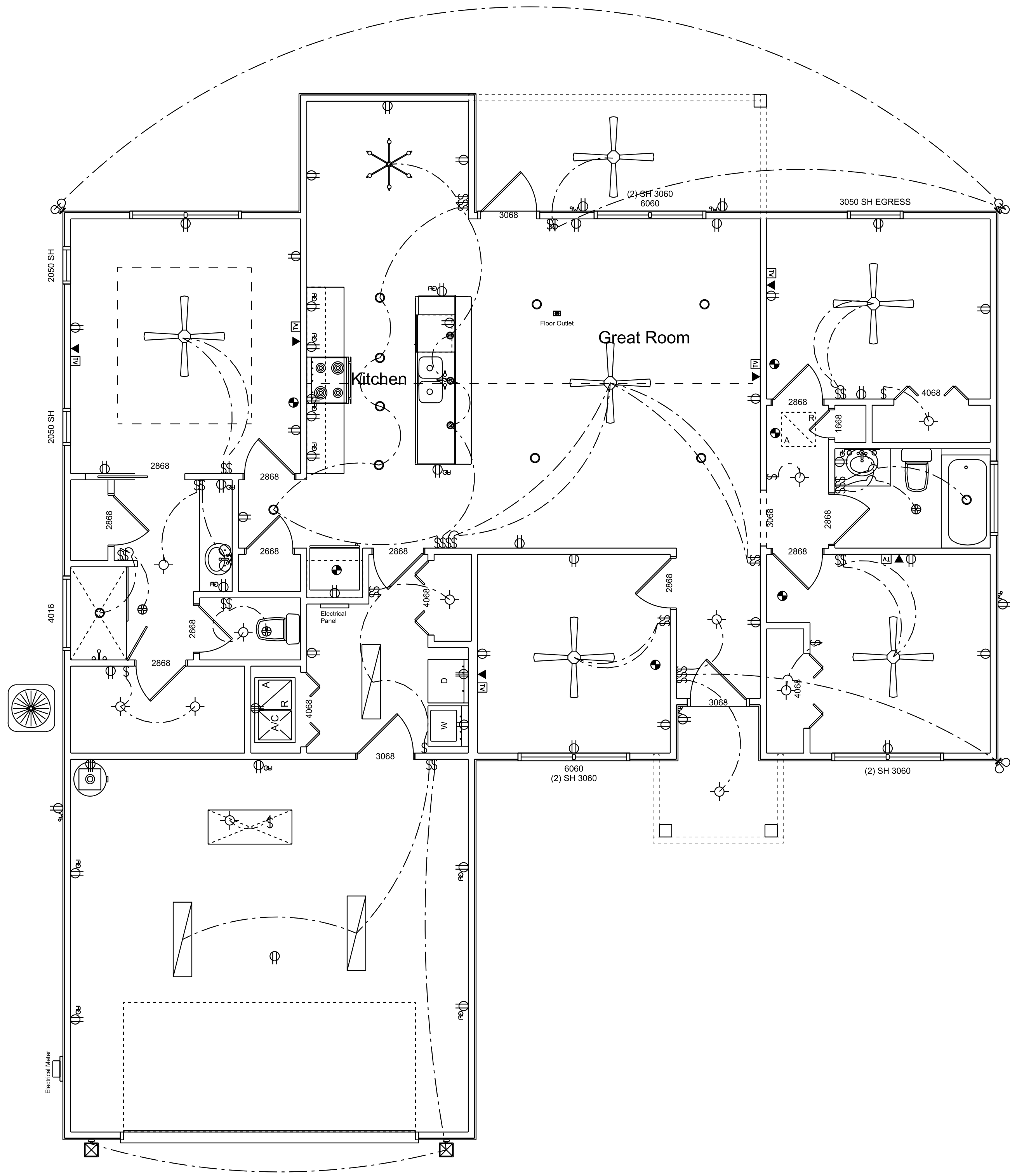
Dimensioned Floor Plan

1/4" = 1'-0"

SCALE:

AREA SCHEDULE	
Conditioned Space	1525 sq ft.
Garage	453 sq ft.
Entry	44 sq ft.
Lanai	97 sq ft.
Total	2119 sq ft.

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan 4 bladed 01	6	
can light 6inch	11	
ceiling light 38	3	
chandelier 03	1	
fluorescent light 1 x 4	3	
exterior light 03	2	
spotlight double	3	
LAN connection	6	
cable tv outlet	6	
fan	3	
light	11	
outlet	31	
outlet 220v	3	
outlet gfi	14	
outlet wp	5	
outlet-contemporary	1	
smoke detector	6	
switch	8	
switch double	9	
switch double - rocker style	1	
switch quad	1	
switch triple	3	
vanity bar light 02	1	
wall mounted 01 2 lights	1	
floor outlet single	1	



Electrical Plan - ELECTRICAL
SCALE: 1/4" = 1'-0"

These drawings, in instruments of service, are the sole property of the architect, and may not be used, copied or reproduced in whole or in part for use on or incorporated within any other job without specific and individual authorization by the architect.

WOOD STRUCTURAL NOTES

- TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".
- ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
- WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN No.2 HEM-FIR OR BETTER.
- CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.

GENERAL TRUSS NOTES:

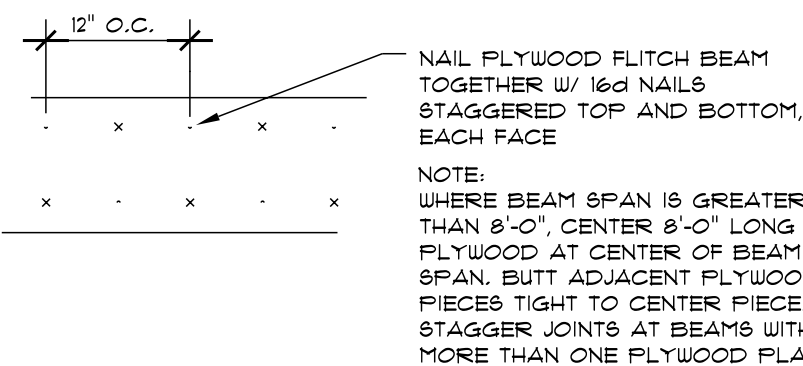
- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND ITS CONNECTIONS", LATEST Ed., ALONG W/ THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS, & TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS. THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

NOTE!

ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE

NOTE!

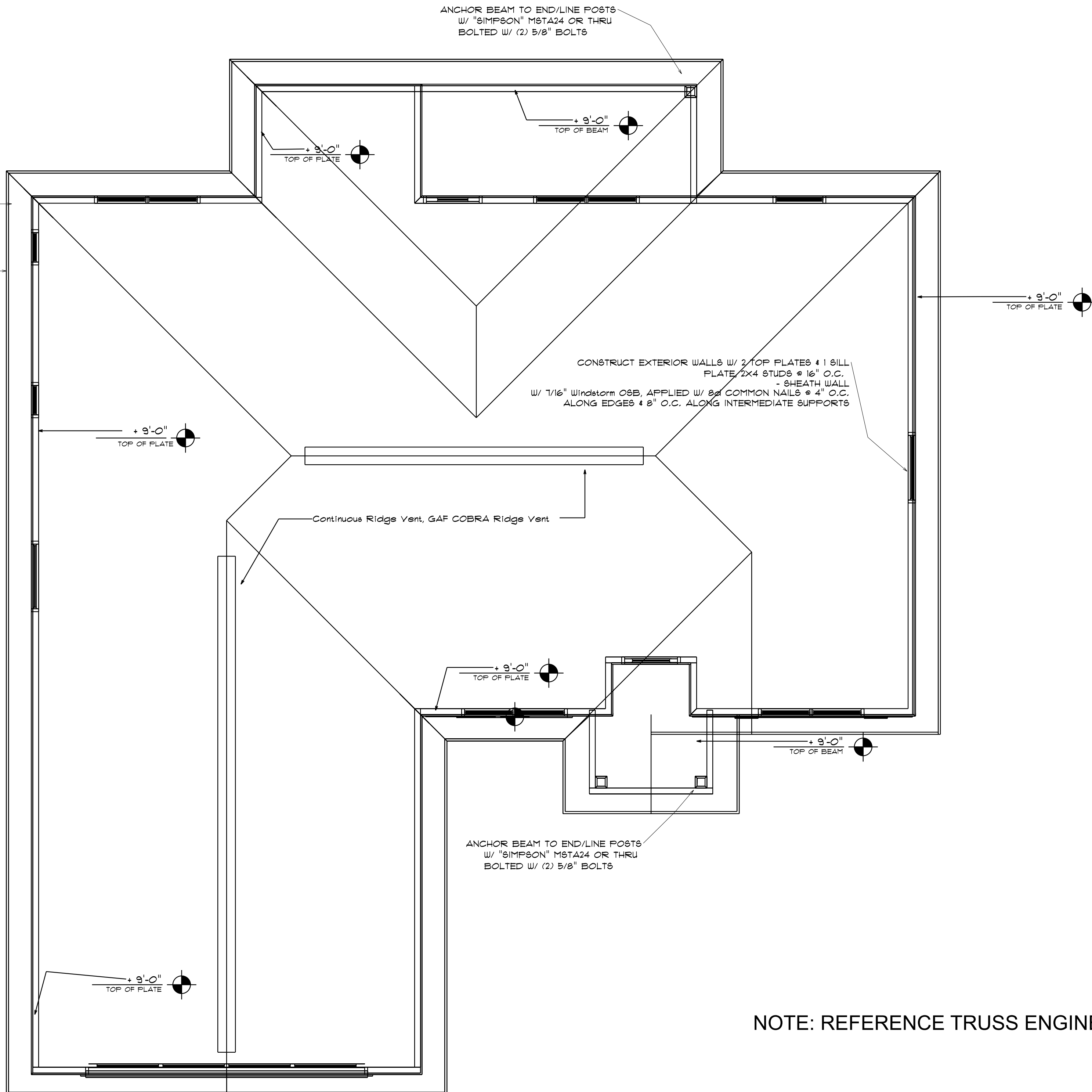
ALL UPLIFT CONNECTORS SHALL BE FIELD ADJUSTED TO MATCH OR EXCEED THE DEVELOPED LOADS PER ENGINEERED TRUSS SHOP DRAWINGS



B/U Beam DETAILS

SCALE: NONE

B



ROOF PLAN NOTES

- SEE ELEVATIONS FOR ROOF PITCH
- ALL OVERHANG 18" (12" on gables) UNLESS OTHERWISE NOTED
- PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON SD.3
- SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
- MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

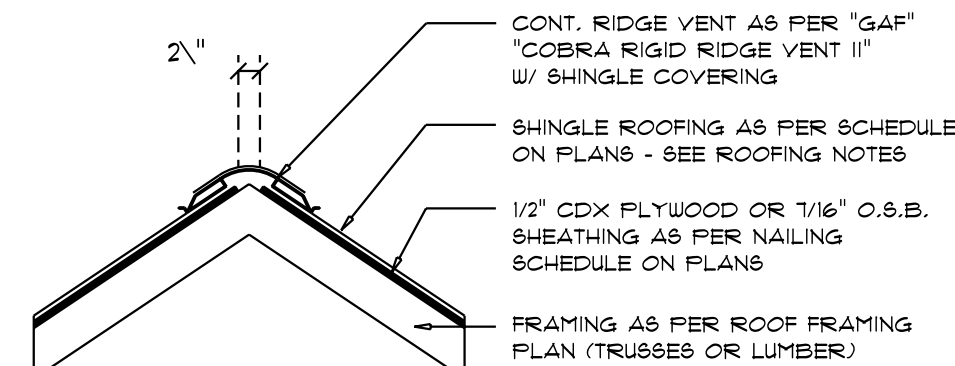
NOTE!

THE DESIGN WIND SPEED FOR THIS PROJECT IS 115 MPH PER FBC 1603 AND LOCAL JURISDICTION REQUIREMENTS

GENERAL TRUSS NOTES:

- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND ITS CONNECTIONS", LATEST Ed., ALONG W/ THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS, & TRUSS TO TRUSS CONNECTIONS.
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AREA OF ATTIC	REQ'D L.F. AREA OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 SQ.IN.
1800 SF	24 LF	490 SQ.IN.
2000 SF	28 LF	570 SQ.IN.
2500 SF	32 LF	650 SQ.IN.
2800 SF	36 LF	730 SQ.IN.
3100 SF	40 LF	820 SQ.IN.
3600 SF	44 LF	900 SQ.IN.

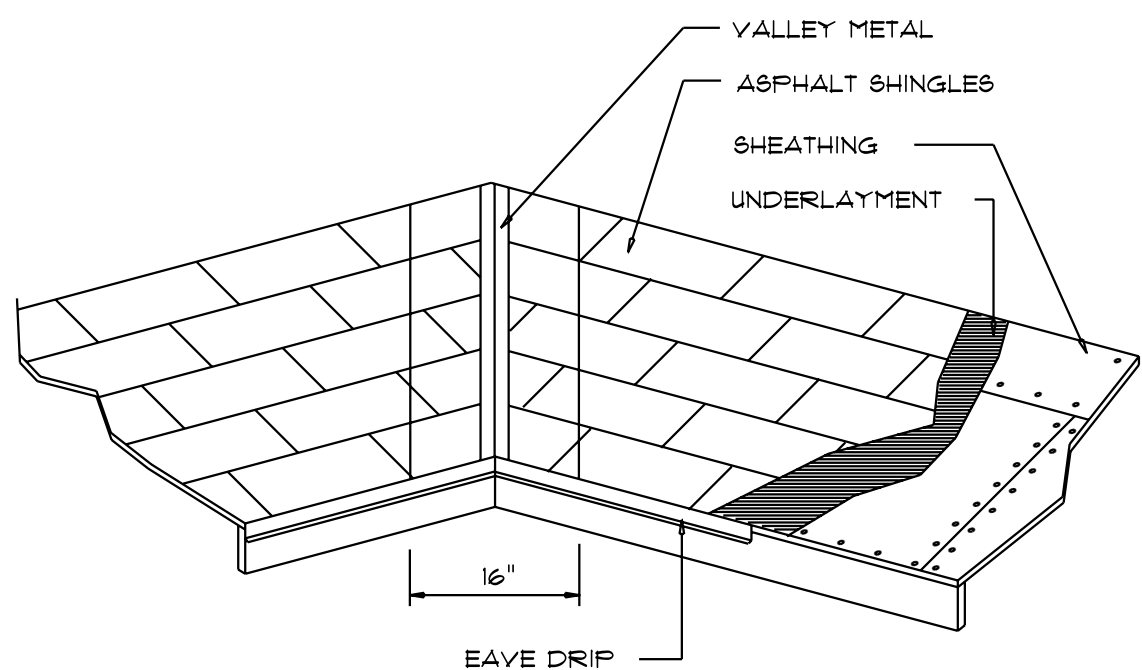


MIAMI/DADE PRODUCT APPROVAL REPORT: #98-0713.05

Ridge Vent DETAIL

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

B



VALLEY FLASHING

ROOFING METALS for FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS

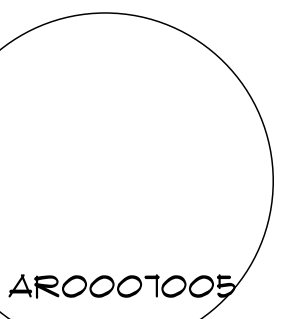
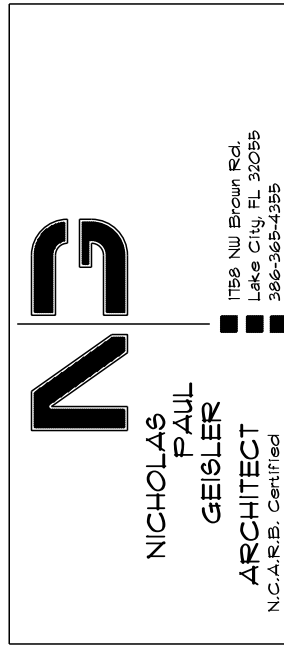
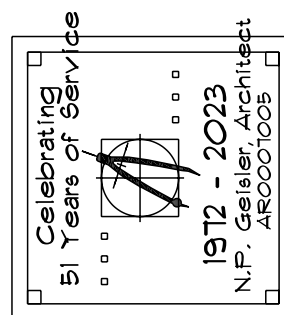
MATERIAL	MINIMUM THICKNESS (in.)	GAGE	WEIGHT (OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0175	26 (ZINC COATED G90)	
ZINC ALLOY	0.021		40
LEAD			20
PAINTED TERNE			

Roofing/Flashing DETS.

SCALE: NONE

A

NOTE: REFERENCE TRUSS ENGINEERING !!



Sunset 7
143 NW GERANIUM Ct,
LAKE CITY FL 32055

Bradley Franks Construction
455 SW Deputy J Davis Ln
Lake City
Florida
32024
info@bradleyfranks.com
PHONE: 386-755-2455



PAGE: /

APPROVED:

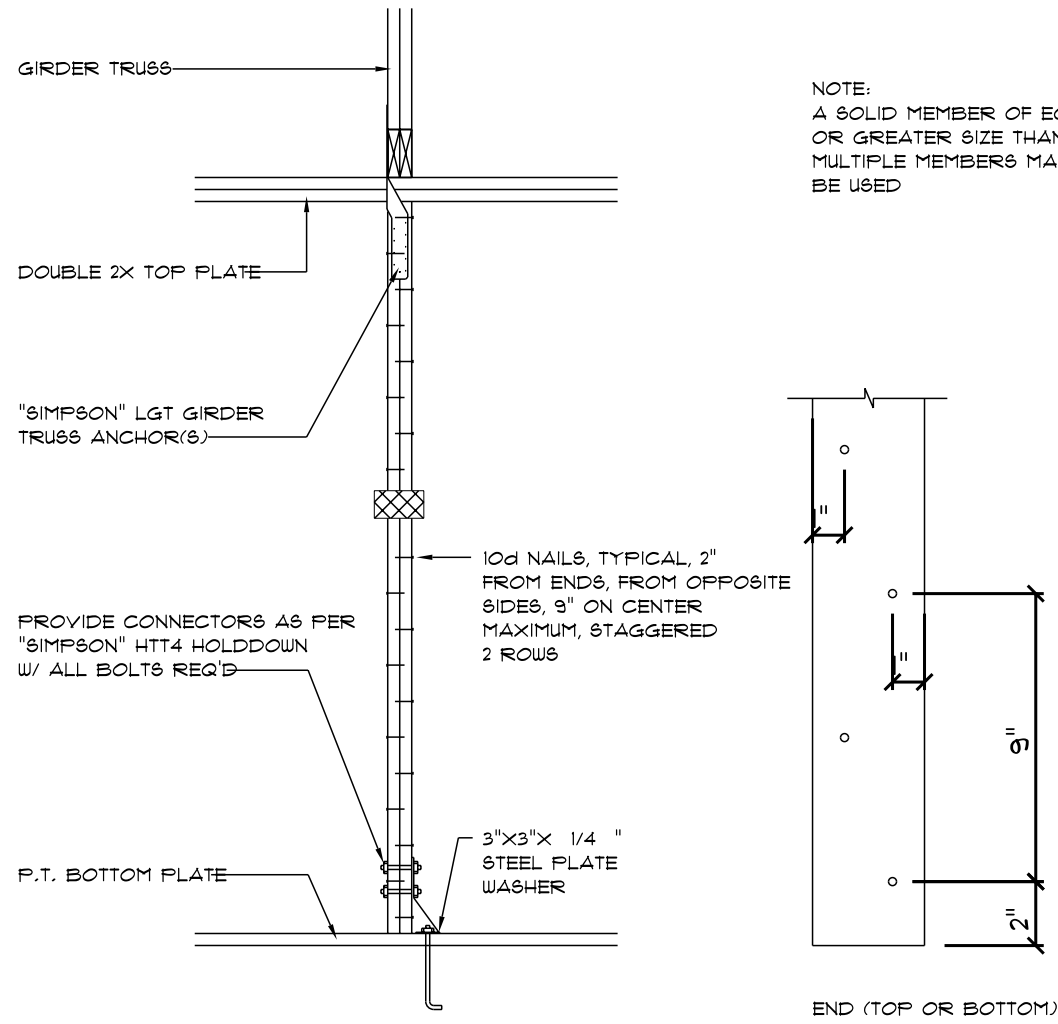
SECTION LETTER
A

CHECKED BY:

SCALE: 1/4" = 1'

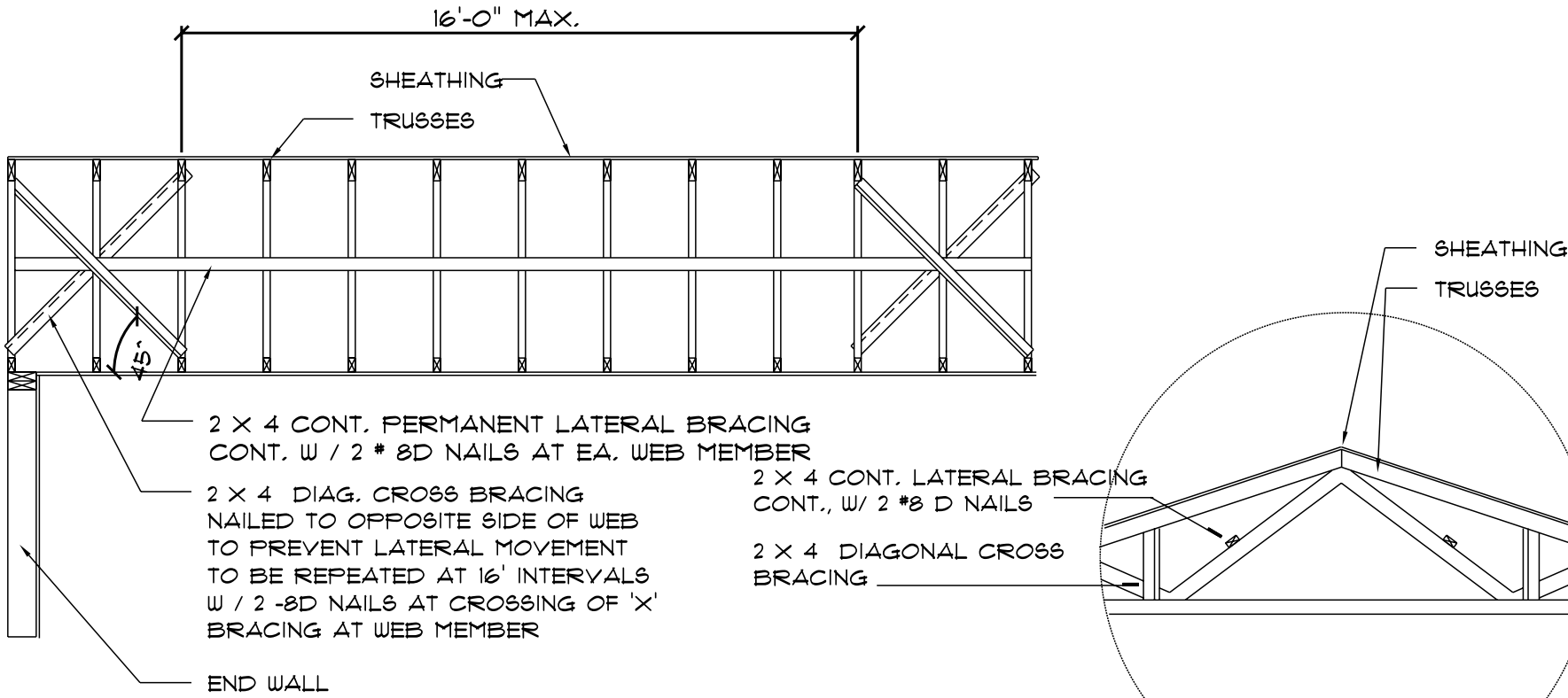
DRAWN BY:

DATE: 1/13/2022



Girder Truss Column DET.

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



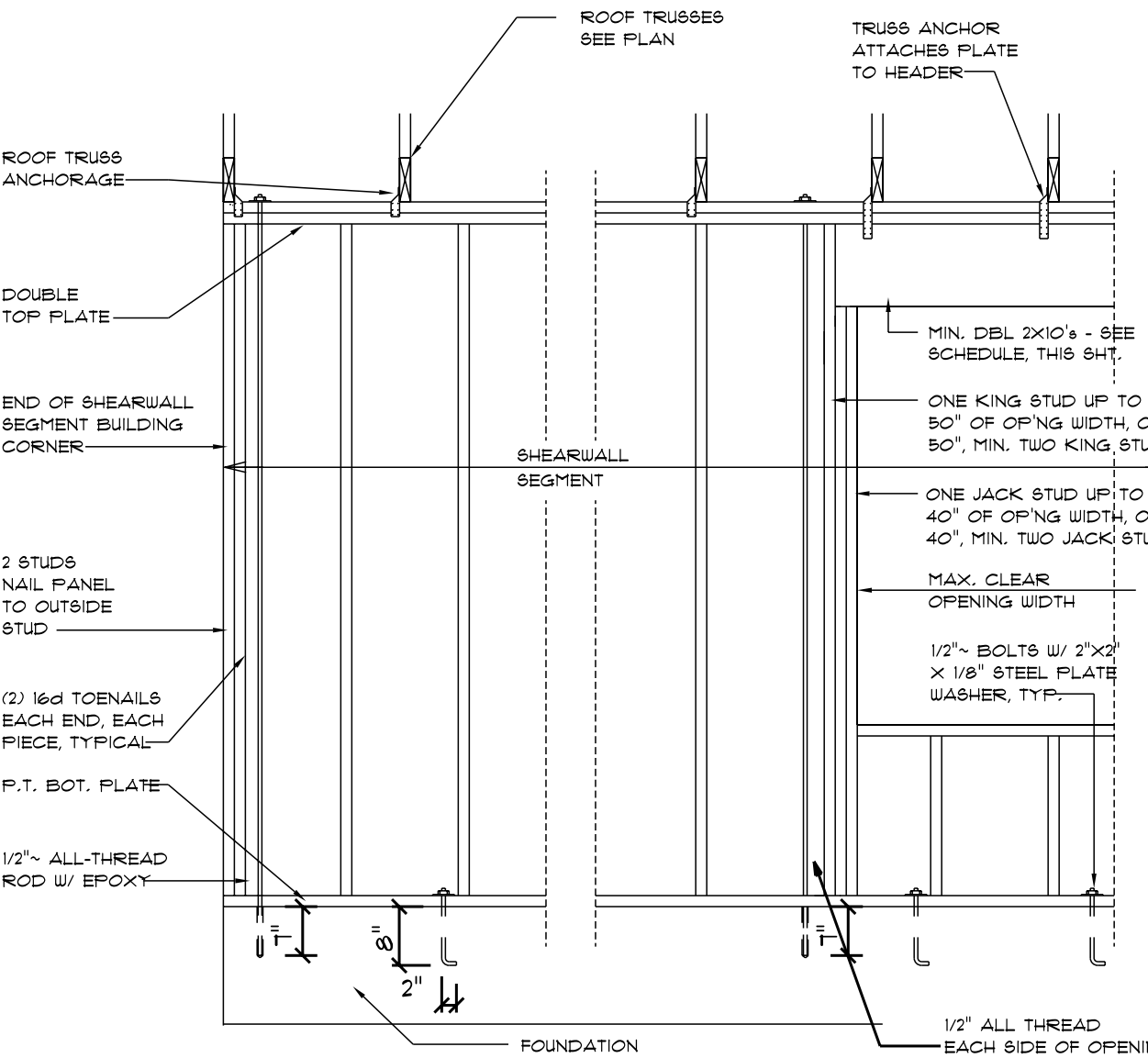
TYP. PERMANENT TRUSS BRACING DIA.

NTS

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

Truss Bracing DETAILS

SCALE: AS NOTED

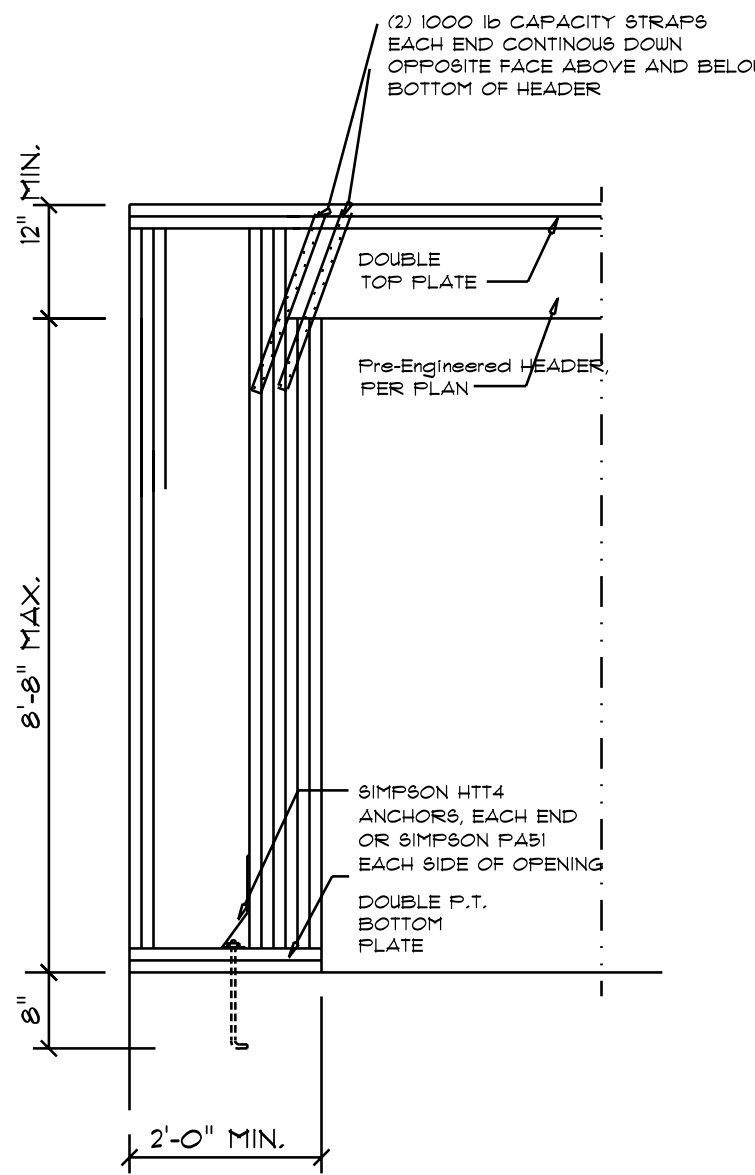


Shear Wall DETAILS

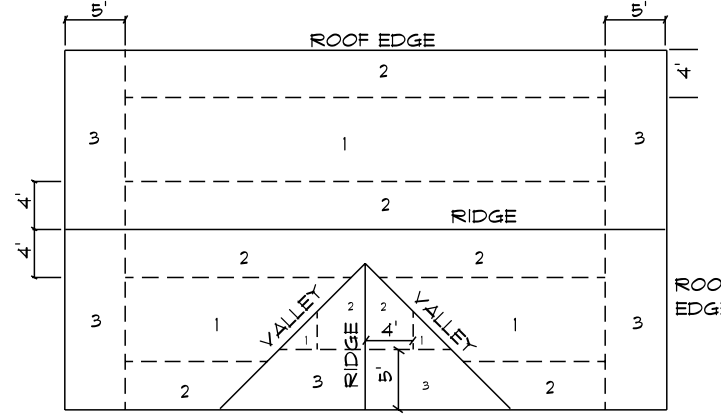
SCALE: NONE

Garage End Wall DETAILS

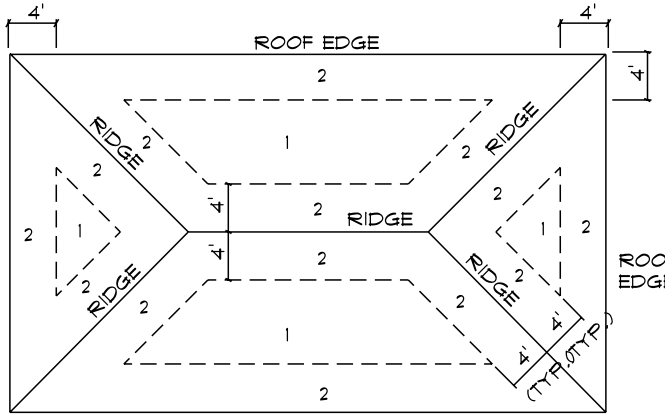
SCALE: 1/2" = 1'-0"



ROOF SHEATHING FASTENINGS			
NAILING SHEATHING ZONE	TYPE	FASTENER	SPACING
1		8d COMMON OR 8d HOT DIPPED GALVANIZED BOX NAILS	6 in. o.c. EDGE 12 in. o.c. FIELD
2	1/16" O.S.B. OR 15/32 CDX		6 in. o.c. EDGE 6 in. o.c. FIELD
3			4 in. o.c. * GABLE TRUSS OR GABLE ENDWALL 6 in. o.c. EDGE 6 in. o.c. FIELD



ROOF SHEATHING NAILING ZONES (GABLE ROOF)

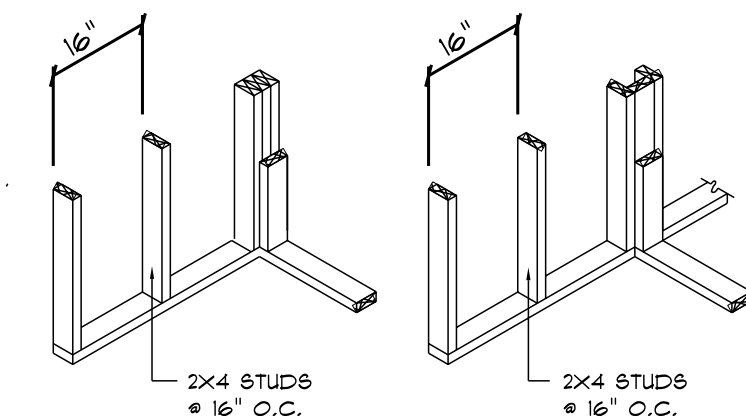


ROOF SHEATHING NAILING ZONES (HIP ROOF)

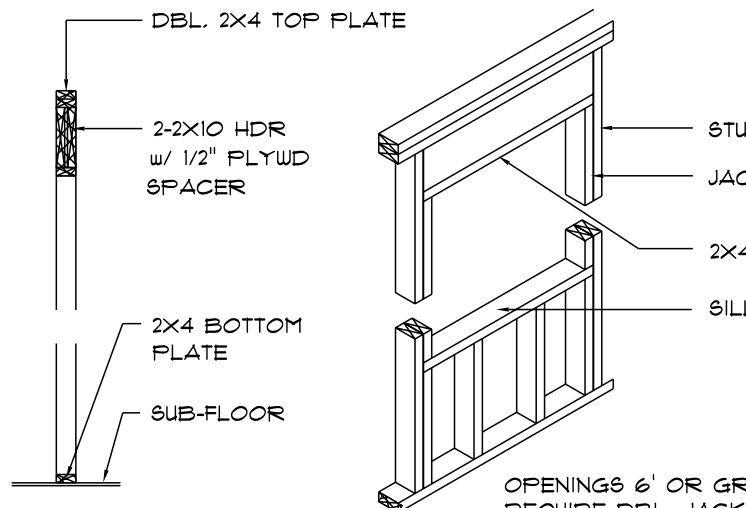
Roof Nail Pattern DET.

SCALE: NONE

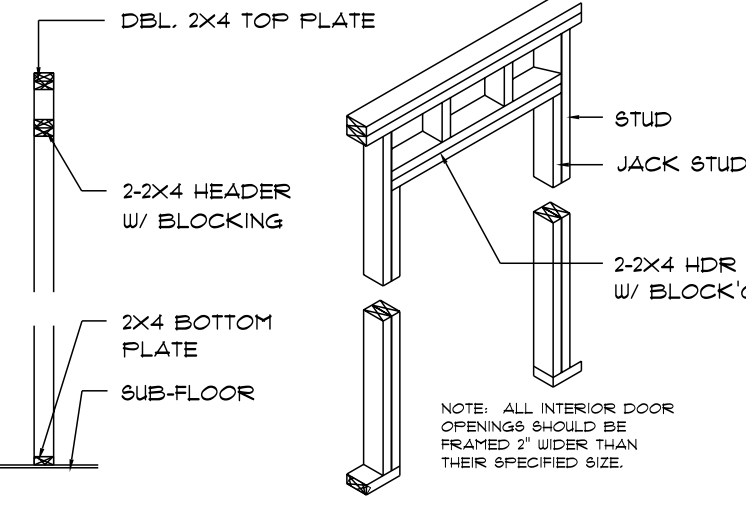
HEADERS SUPPORTING:		BUILDING WIDTH (FT)			
		20'	28'	36'	
ROOF, CEILING	HEADER SIZE	SPAN * JACKS	SPAN * JACKS	SPAN * JACKS	
	2-2x4	3'-6"	3'-2"	2'-10"	1
	2-2x6	5'-5"	4'-8"	4'-2"	1
	2-2x8	6'-10"	5'-11"	5'-4"	1
	2-2x10	8'-5"	7'-3"	6'-6"	2
	2-2x12	9'-9"	8'-5"	7'-6"	2
	3-2x8	8'-4"	7'-5"	6'-8"	1
	3-2x10	10'-6"	9'-1"	8'-2"	1
	3-2x12	12'-2"	10'-1"	9'-5"	2
	4-2x8	9'-2"	8'-4"	9'-2"	1
	4-2x10	11'-8"	10'-6"	9'-5"	1
	4-2x12	14'-1"	12'-2"	10'-11"	1



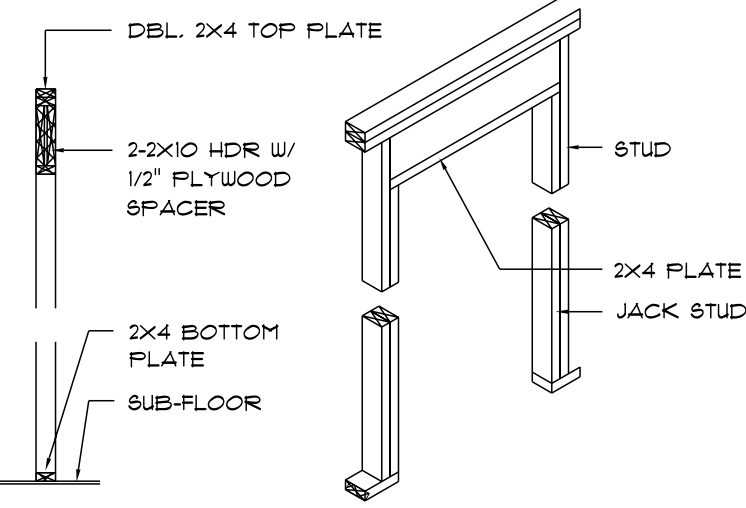
WALL CORNER WALL INTERSECTION



TYPICAL WINDOW HEADER



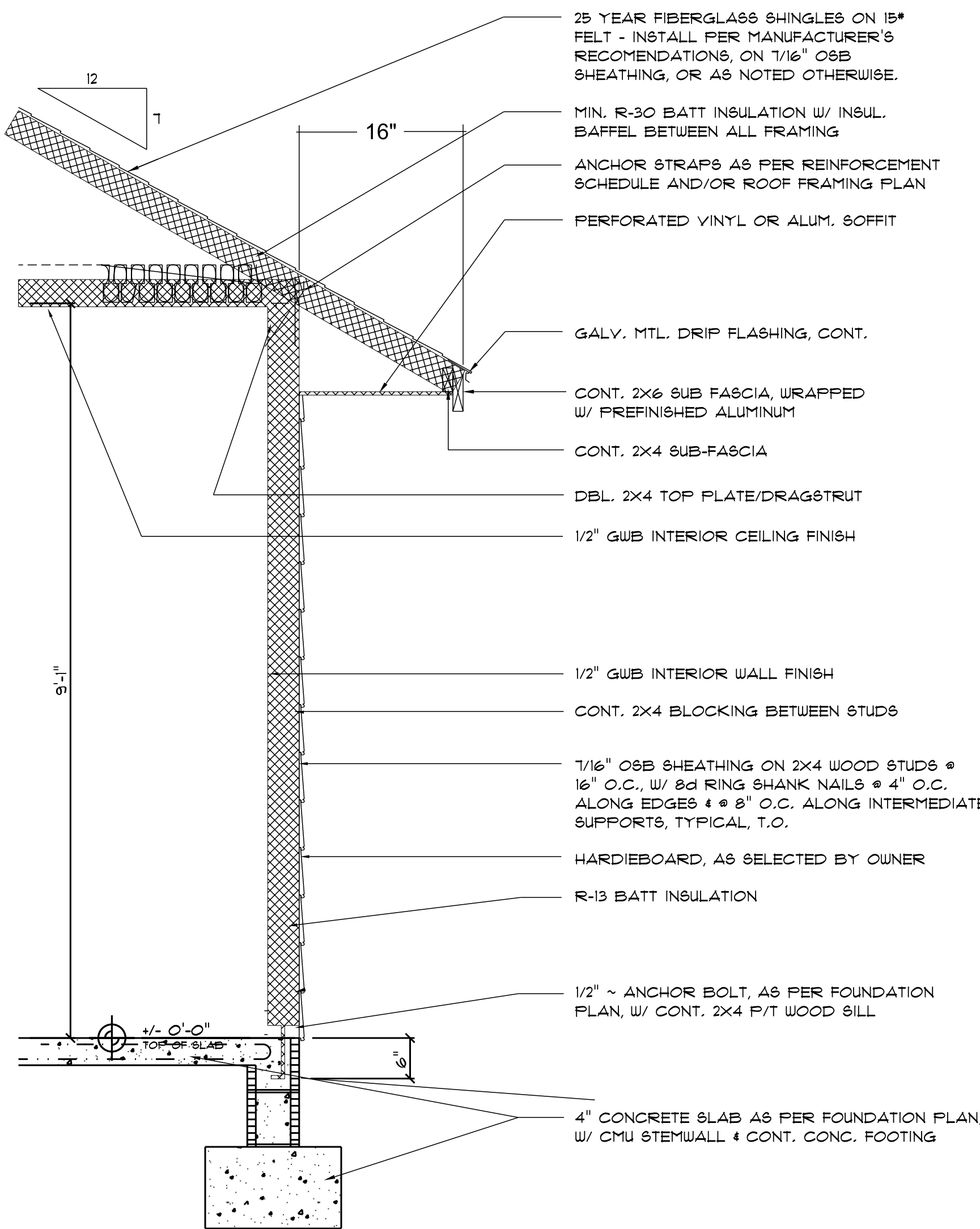
NON-BEARING WALL HEADER



BEARING WALL HEADER

Wall Framing/ Header DET's

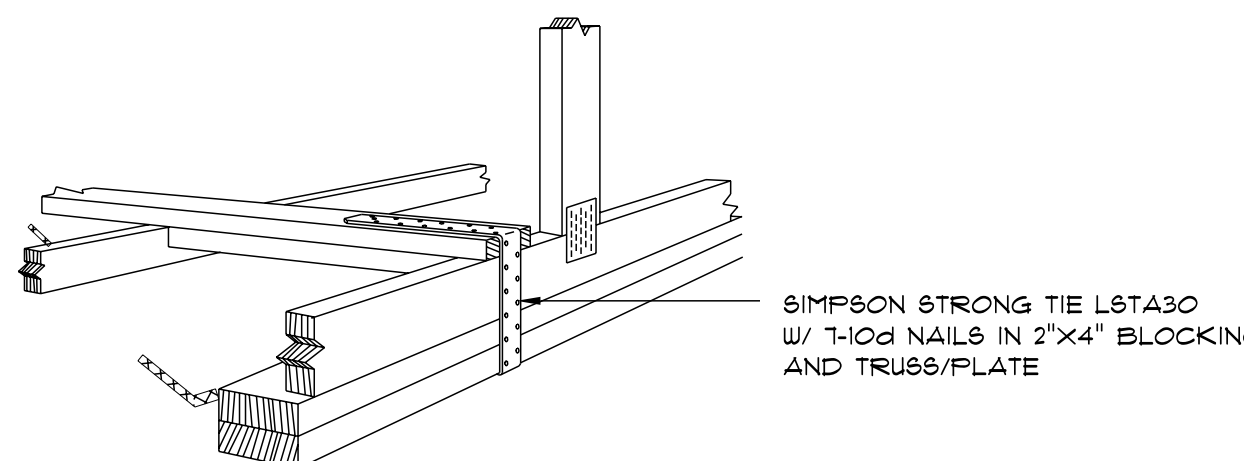
SCALE: NONE



Typical Wall SECTION

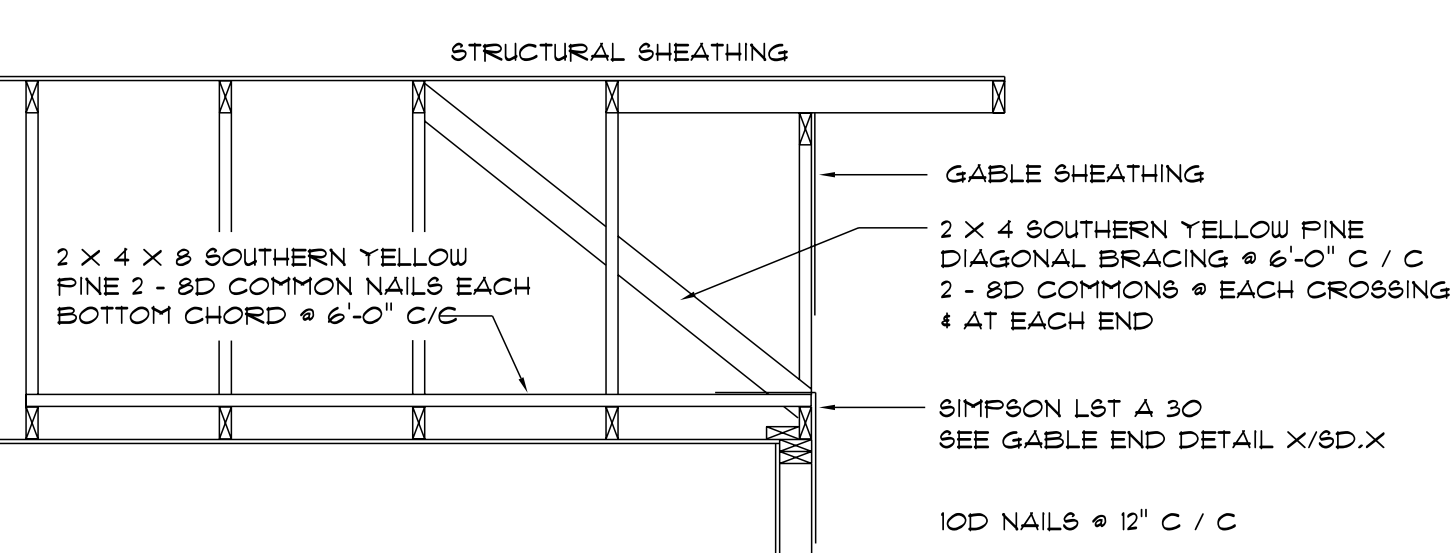
SCALE: 3/4" = 1'-0"

EXTERIOR WALL SHEATHING:
APPLY VERTICALLY, "Windstorm" 1/16" OSB 48" x 91", 108", 121" OR 145" SHEATHING. FASTEN TO THE TOP PLATE AND THE SILL PLATE WITH EITHER 6d RING SHANK NAILS @ 3" O.C. OR 8d R.S. NAILS @ 4" O.C. FASTEN TO EACH STUD WITH EITHER 6d RING SHANK NAILS @ 6" O.C. OR 8d R.S. NAILS @ 8" O.C.



GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

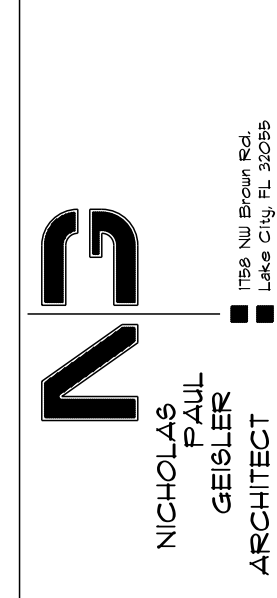
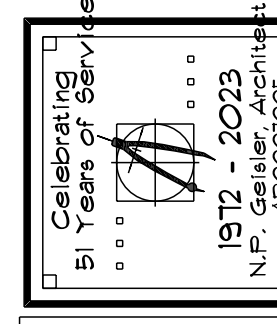
SCALE: NONE



END WALL BRACING FOR CEILING DIAPHRAGM

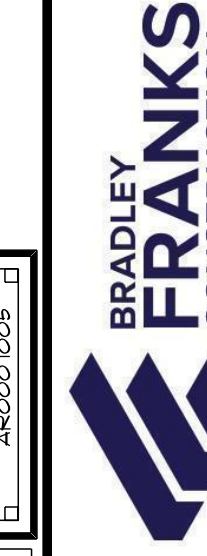
NTS (ALTERNATIVE TO BALLOON FRAMING)

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE



AR0001005

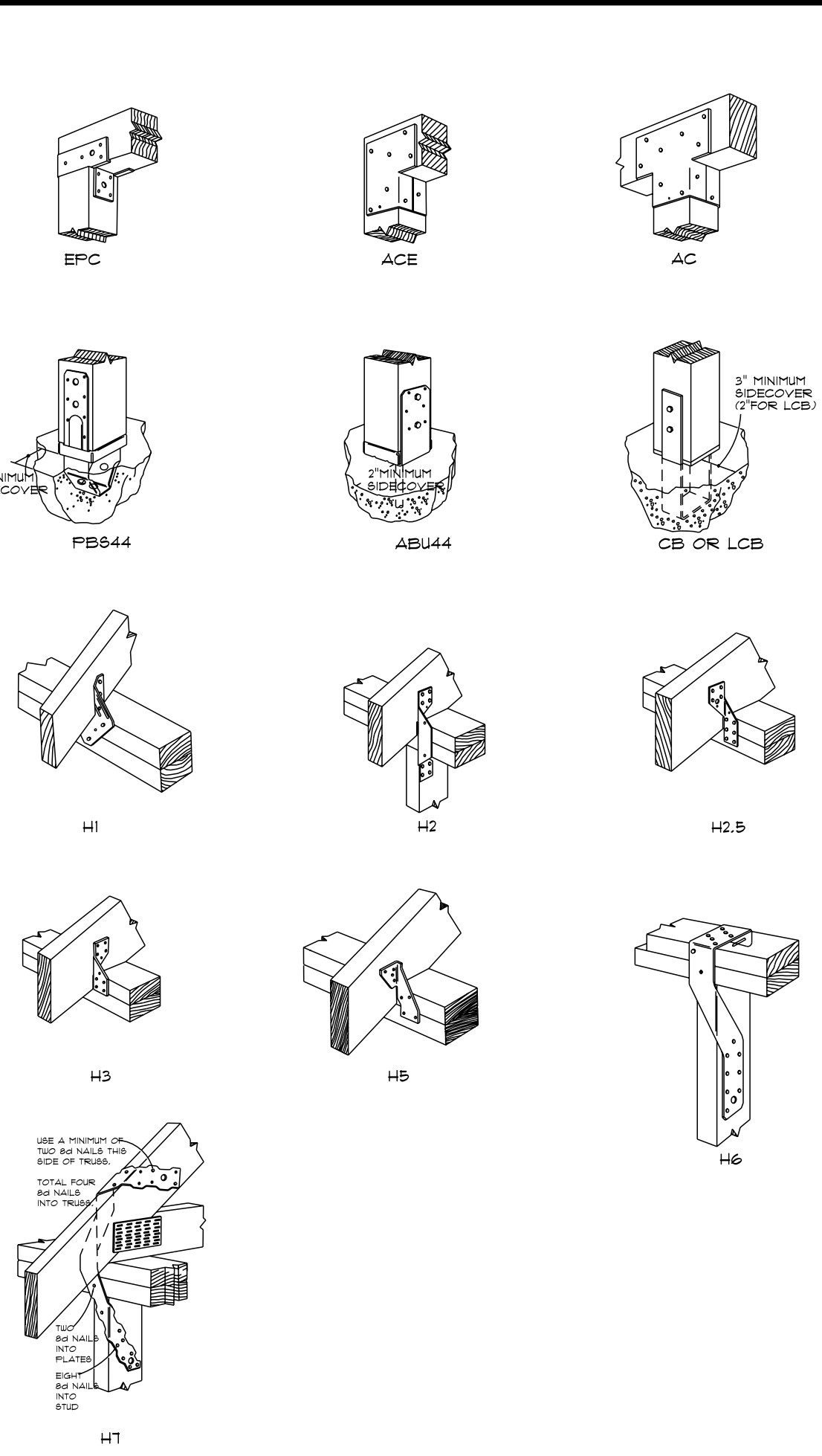
Bradley Franks Construction
455 SW Deputy J Davis Ln
Lake City
Florida
32024
PHONE: 386-755-2455
info@bradleyfranks.com



Sunset 7
143 NW GERANIUM Ct,
LAKE CITY FL 32055

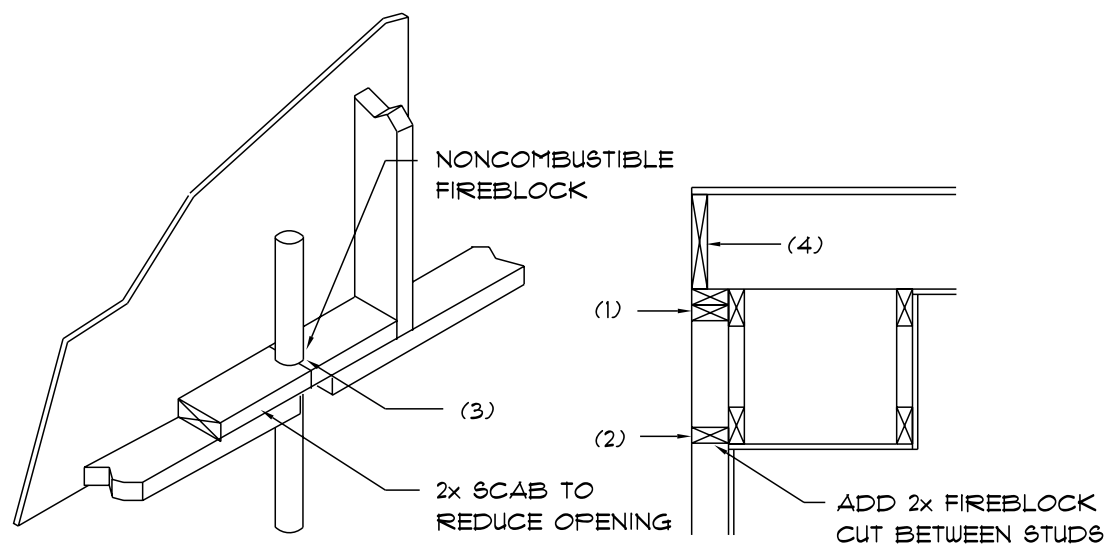
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Typical "Simpson" CONNECTORS

SCALE: NONE



PENETRATIONS

SOFFIT/DROPPED CLG.

FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

- IN CONCEALED SPACES 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 AT SOFFITS, DROP CEILING, COVE CEILING, ETC.
- AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYRO PANEL 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.

Fire Stopping DETAILS

SCALE: NONE

GENERAL NOTES:

- THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
- THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WARRANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORKMANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.
- AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD, FOR THE PURPOSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED. THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER.
- THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VARIOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL.
- THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNER" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
- ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.
- ALL WORK SHALL BE IN ACCORDANCE W/ APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK.
- ALL INSULATION SHALL BE LEFT EXPOSED AND ALL LABELS LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
- ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
- INTERIOR BEARING WALLS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333". BATT INSULATION SHALL BE INCLUDED WHERE UNCONDITIONED AREA IS BEING SEPARATED FROM HEATED / COOLED AREA.
- INTERIOR STUD WALLS SEPARATING LIVING AREA FROM GARAGE AREAS SHALL BE CONSTRUCTED IN COMPLIANCE WITH "UL Design U333", INCLUDING R-II BATT INSULATION.
- CEILING OVER ATTACHED GARAGES OR GARAGES W/ LIVING AREA ABOVE SHALL BE 5/8" FIRECODE "C" GIBB ON 1x3 WOOD FURRING AT 16" O.C., ATTACHED W/ 1 1/4" BUGLEHEAD SCREWS @ 6" O.C. ALONG EACH POINT OF BEARING.

STANDARD ABBREVIATIONS

@	AT	GALV.	GALVANIZED
#	NUMBER or POUND(S)	HORZ.	HORIZONTAL
=	EQUALS	INS.	INSULATION
~	DIAMETER	INT.	INTERIOR
W/	WITH	LAV.	LAVATORY
W/O	WITHOUT	LVL.	LAMINATED VENEER LUMBER
<	CENTERLINE	MAX.	MAXIMUM
&	AND	MIN.	MINIMUM
+/- or	PLUS or MINUS	MISC.	MISCELLANEOUS
1'	ONE FOOT	M.O.	MASONRY OPENING
1"	ONE INCH	No. or Nr.	NUMBER
1/4" or 1"	ONE QUARTER INCH	O.C.	ON CENTER
8d	8 PENNY	O/H	OVERHEAD
BM	BEAM	OHD	OVERHEAD DOOR
B.O.	BY OTHERS	PLYWD.	PLYWOOD
BOT.	BOTTOM	P/T	PRESSURE TREATED
CLG.	CEILING	REINF.	REINFORCING (ED)
CO	CLEANOUT	REQ'D	REQUIRED
CONC.	CONCRETE	RM.	ROOM
COTG	CLEANOUT TO GRADE	R.O.	ROUGH OPENING
DBL.	DOUBLE	SF	SQUARE FEET
DIM.	DIMENSION	SGD	SLIDING GLASS DOOR
DN.	DOWN	SHT.	SHEET
ELEV.	ELEVATION	SR/LH	SUWANNEE RIVER LOG HOMES
EXT.	EXTERIOR	TYP.	TYPICAL
F	FRENCH (DOORS)	VERT.	VERTICAL
FDN.	FOUNDATION	WC	WATERCLOSET (TOILET)

PROJECT INFORMATION / NOTES:

DESIGN VALUES/LOADS & CODES

WIND DESIGN SPEED: 130 MPH, UNLESS NOTED OTHERWISE

SOIL DESIGN STATEMENT:
FOOTING DESIGN IS BASED UPON 1000PSF SOIL BEARING PRESSURE PROVIDED BY CLEAN SAND, GRAVEL OR STONE. OTHER SOIL CONDITIONS IS: CLAY, HIGH LEVEL OF ORGANICS OR OTHER UNDESIRABLE SOILS SHALL REQUIRE FOUNDATION MODIFICATIONS.

LIVE LOADS: 1st FLOOR: 40PSF, 2nd FLOOR: 40PSF, ROOF: AS DETERMINED BY SHAPE FACTORS APPLIED TO THE WIND FORCE GENERATED BY THE DESIGN WIND SPEED.

BUILDING CODE: 2020 FLORIDA BUILDING CODE

ELECTRICAL CODE: NATIONAL ELECTRICAL CODE - LATEST

LIFE SAFETY: NFPA-101 - LATEST

CONSTRUCTION DOCUMENTS

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITIES, FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION DOCUMENTS AND VERIFY ALL DIMENSIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK OR FABRICATION OF ANY MATERIALS.

DO NOT SCALE OFF THESE PLANS

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATIONS OF THOSE ITEMS NOT DIMENSIONED.

CHANGES TO FINAL PLAN SETS

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATION ON THE PLANS.

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

- A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 1403.1.6
- CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1503.4.4
- IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4
- TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6".
EXCEPTION: PAINT AND DECORATIVE CEMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. FBC 1403.1.6
- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 1816.1.1
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED. FBC 1816.1.2
- BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 1816.1.3
- MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. FBC 1816.1.4
- CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 1816.1.5
- SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1816.1.6
- AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1816.1.6
- ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1816.1.7
- A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1816.1.7
- AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES GRADE STAKES, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3
- NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

FLORIDA BUILDING CODE

Compliance Summary

TYPE OF CONSTRUCTION

Roof: Gable Construction, Wood Trusses @ 24" O.C.
Walls: 2x4 Wood Studs @ 16" O.C.
Floor: 4" THK. Concrete Slab W/ Fiberglass Concrete Additive
Foundation: Continuous Stemwall Footer

ROOF DECKING

Material: 1/2" CD Plywood or 1/16" O.S.B.
Sheet Size: 48"x96" Sheets Perpendicular to Roof Framing
Fasteners: 8d Ring Shank Nails per schedule on sheet A.1

SHEARWALLS

Material: 1/16" O.S.B. "Windstorm": 48" x 96", 108", 120" OR 145"
Sheet Size: 48"x96" (108", 120" OR 145") Sheets Placed Vertical
Fasteners: 8d Ring Shank Nails @ 4" O.C. Edges @ 8" O.C. Interior
Dragstrut: Double Top Plate (S.Y.F.) W/ 2 - 16d Nails @ 12" O.C.
Wall Studs: 2x4 SPF Studs @ 16" O.C.

HURRICANE UPLIFT CONNECTORS

Truss Anchors: Simpson H2.5a @ Ea. Truss End (Typ. U.O.N.)
Wall Tension: Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top @ Bot.
Anchor Bolts: 1/2" A307 @ 48" O.C. - 1st Bolt 8' from corner
Corner Hold-down Device: Simpson HD38, ea. corner

FOOTINGS AND FOUNDATIONS

Footing: 20"x12" Cont. W/2-#5 Cont. 4 wire chairs @ 48" O.C.

BUILDING COMPONENTS & CLADDING LOADS				
MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B"				
ROOF ANGLE "T" TO 21"				
WIND DIR.	WIND S.P.	Vult 100 MPH	Vult 130 MPH	Vult 140 MPH
1	10	12.0 / -19.9	14.9 / -23.1	17.5 / -27.8
1	20	11.4 / -19.4	13.6 / -23.0	16.0 / -27.0
1	30	10.0 / -18.6	11.9 / -22.2	13.9 / -26.0
2	10	12.5 / -34.1	14.9 / -41.3	17.5 / -48.4
2	20	11.4 / -31.9	13.6 / -38.0	16.0 / -44.6
2	30	10.0 / -28.2	11.9 / -33.6	13.9 / -39.4
3	10	12.5 / -51.3	14.9 / -61.0	17.5 / -71.6
3	20	11.4 / -47.9	13.6 / -57.1	16.0 / -67.0
3	30	10.0 / -43.5	11.9 / -51.8	13.9 / -60.8
4	10	21.8 / -23.6	25.9 / -34.1	30.4 / -33.0
4	20	20.8 / -22.6	24.1 / -26.9	29.0 / -31.6
4	30	19.5 / -21.3	23.2 / -25.4	27.2 / -29.8
5	10	21.8 / -29.1	25.9 / -34.1	30.4 / -40.1
5	20	20.8 / -27.2	24.1 / -32.4	29.0 / -38.0
5	30	19.5 / -24.6	23.2 / -29.3	27.2 / -34.3

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING

BLDG HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	1.00	1.21	1.47
20	1.00	1.29	1.55
25	1.00	1.35	1.61
30	1.00	1.40	1.66

STRUCTURAL DESIGN CRITERIA:

- THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2020 FLORIDA BUILDING CODE - SECTION 1609 AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.
- WIND LOAD CRITERIA: RISK CATEGORY: 2
BASED ON ANSI/ASCE 7-10, 2020 FBC 1609.4 WIND VELOCITY: V = 130 MPH
V_{ASD} = 108 MPH
- ROOF DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 20 PSF
SUPERIMPOSED LIVE LOADS: 20 PSF
- FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 25 PSF
SUPERIMPOSED LIVE LOADS:
RESIDENTIAL 40 PSF
BALCONIES 60 PSF
- WIND NET UPLIFT: ARE AS INDICATED ON TRUSS SHOP DRAWINGS

SYMBOLS

THESE SYMBOLS ARE MOST OFTEN ENCOUNTERED IN THE FOLLOWING DRAWINGS: ELEVATIONS, DIMENSION PLANS, SECTIONS & STRUCTURAL PLANS

- TYPE OF ELEVATION MARK USED TO INDICATE A PREFERRED TARGET ELEVATION - TRUE MEASUREMENT.
- TYPE OF ELEVATION MARK USED TO INDICATE THE TOP OF A LOG WALL STACK - NOMINAL ONLY.
- TYPE OF DETAIL MARK USED TO INDICATE A SECTION OR DETAIL ASSOCIATED WITH A PLAN VIEW
- TYPE OF DETAIL MARK USED TO INDICATE A SECTION (e: SECTION "A" ON SHEET "A.5", TAIL INDICATES DIRECTION OF VIEW
- TYPE OF SECTION MARK USED TO INDICATE A VIEW TAKEN IN THE DIRECTION OF THE ARROW (e: SECTION "A" FOUND ON "D.6a" OF THE PROJECT MANUAL

FRAMING ANCHOR SCHEDULE

APPLICATION	MANUF./MODEL	CAP.
TRUSS TO WALL:	SIMPSON H2.5a	535*
GIRDER TRUSS TO POST/HEADER:	SIMPSON LGT W/ 2B - 16d NAILS	1785*
HEADER TO KING STUD(S):	SIMPSON ST22	1310*
PLATE TO FOUNDATION:	1/2" ANCHOR BOLTS	3340*
PORCH BEAM TO POST:	2- 5/8"- THRU-BOLT	1700*
PORCH POST TO FND.:	SIMPSON ABU44	2200*
MISC. JOINTS	SIMPSON A34	315*/240*

NOTE:
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

NOTE:
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

NOTE:
Truss Anchors: Simpson H2.5a @ Ea. Truss End (Typ. U.O.N.)
Wall Tension: Wall Sheathing Nailing is Adequate - 8d @ 4" O.C. Top @ Bot.
Anchor Bolts: 1/2" A307 @ 48" O.C. - 1st Bolt 8' from corner
Corner Hold-down Device: Simpson HD38, ea. corner

NOTE:
"SEMCO" PRODUCT APPROVAL:
MIAMI/DADE COUNTY REPORT #35-0818.15

NOTE:
"SIMPSON" PRODUCT APPROVALS:
MIAMI/DADE COUNTY REPORT #31-01-07.05, #36-1126.11, #39-0623.04
SBCCI NER-443, NER-393

GENERAL NAILING SCHEDULE:

NUMBER OF NAILS FOR CONNECTING WOOD MEMBERS:	COMMON NAILS	Nr. / SPACING
BRIDGING TO JOIST, TOE NAIL	16d	2 EA. END
2" SUBFLOOR TO JOIST		
BLIND & FACE NAILING	16d	16"
SOLE PLATE TO JOIST OR BLOCKING		
FACE NAILED	16d	16" O.C.
TOP OR SOLE PLATE TO STUD		
END NAILED	16d	2
STUD TO SOLE PLATE, TOE NAILED	8d	3 OR 2 16d
DOUBLE STUDS, FACE NAILED	16d	24" O.C.
DOUBLE TOP PLATES, FACE NAILED	16d	16" O.C.
TOP PLATES & LAPs & INTERSECTIONS		
FACE NAILED	16d	2
1 X 6 SHEATHING TO EACH POINT OF BEARING, FACE NAILED	8d	2
BUILT-UP CORNER STUDS, FACE NAILED	16d	30" O.C.
BUILT-UP GIRDERS & BEAMS	20d	32" O.C. @ TOP & BOTTOM & STAGGERED - 2 @ EDGES
3/4" PLYWOOD SUBFLOORING	8d	6" O.C. @ EDGES
OSB SHEATHING, 1/16" THICK	8d	10" O.C. @ INTERMEDIATE
1/8" FIBERBOARD SHEATHING	6d	6" O.C. @ EDGES

- NAILS, BOLTS AND OTHER METAL CONNECTORS WHICH ARE USED IN LOCATIONS EXPOSED TO THE WEATHER SHALL BE GALVANIZED OR OTHERWISE CORROSION RESISTANT.
- IN GENERAL, NAILS SHALL PENETRATE THE SECOND MEMBER A DISTANCE EQUAL TO THE THICKNESS OF THE MEMBER BEING NAILED THERETO, OR GREATER.
- THERE SHALL BE NOT LESS THAN 2 NAILS PER CONNECTION.
- GLUING SHALL NOT BE CONSIDERED AN ACCEPTABLE CONNECTOR IN LIEU OF THOSE SPECIFIED HEREIN.
- FORMED METAL CONNECTORS, AS PER THE SCHEDULE HEREIN, SHALL HAVE THE NUMBER OF NAILS INSTALLED AS REQUIRED BY THE MANUFACTURER, OR AS DIRECTED BY THE PLANS.
- NAILS PROJECTING BEYOND THE LAST WOOD MEMBER SHALL BE CLINCHED, WHEREVER POSSIBLE.
- NOTES IN THE "PLANS" PACKAGE OF THE CONSTRUCTION DOCUMENTS SUPERSEDE SIZES & SPACINGS OF NAILS CONTAINED HEREIN.

