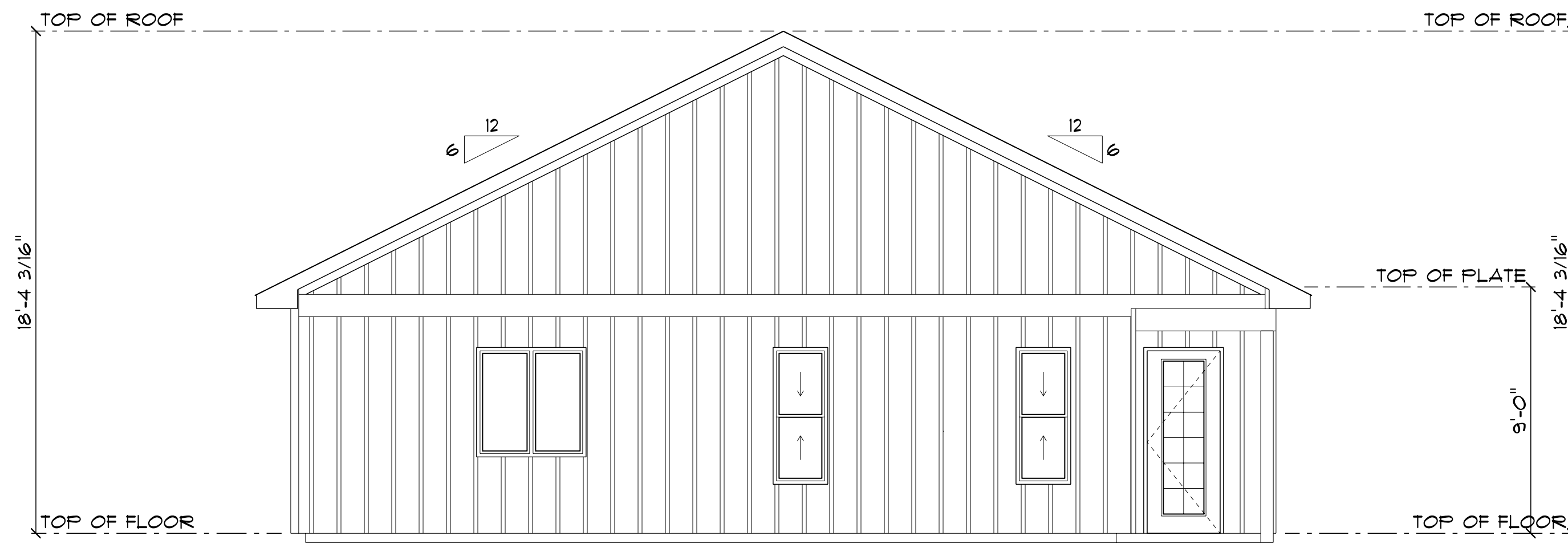
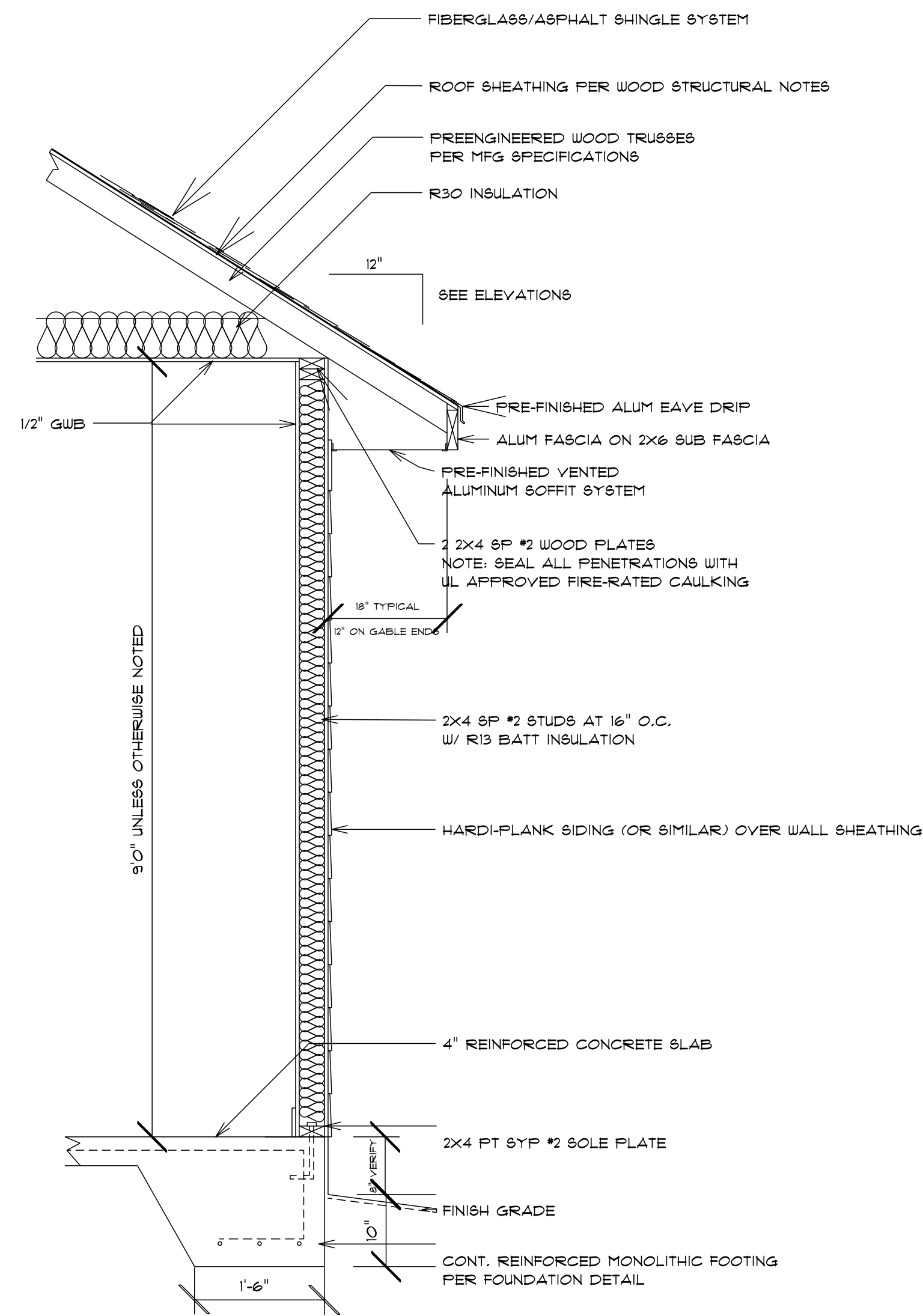


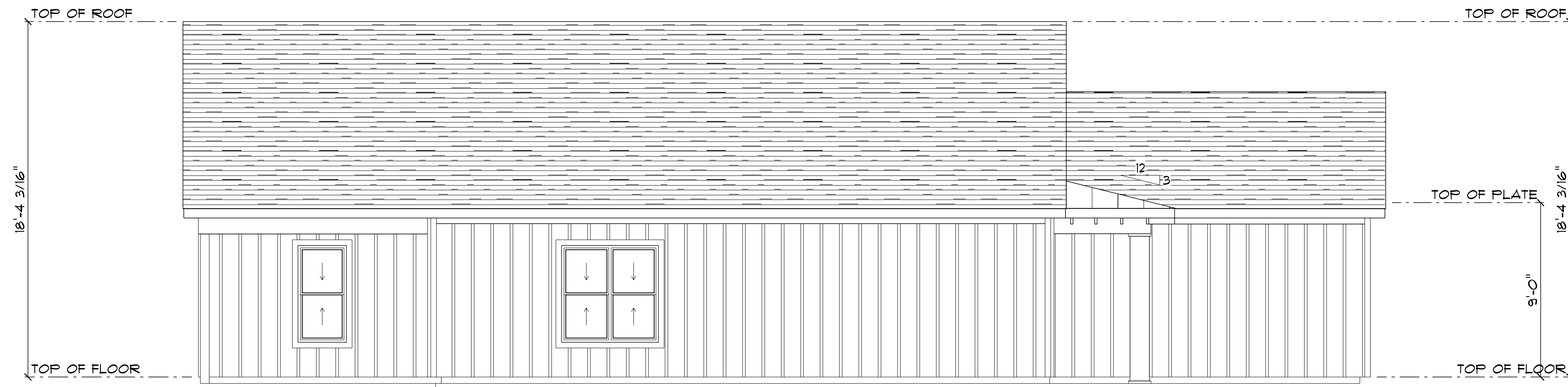
FRONT ELEVATION
SCALE: 1/4" = 1'-0"



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

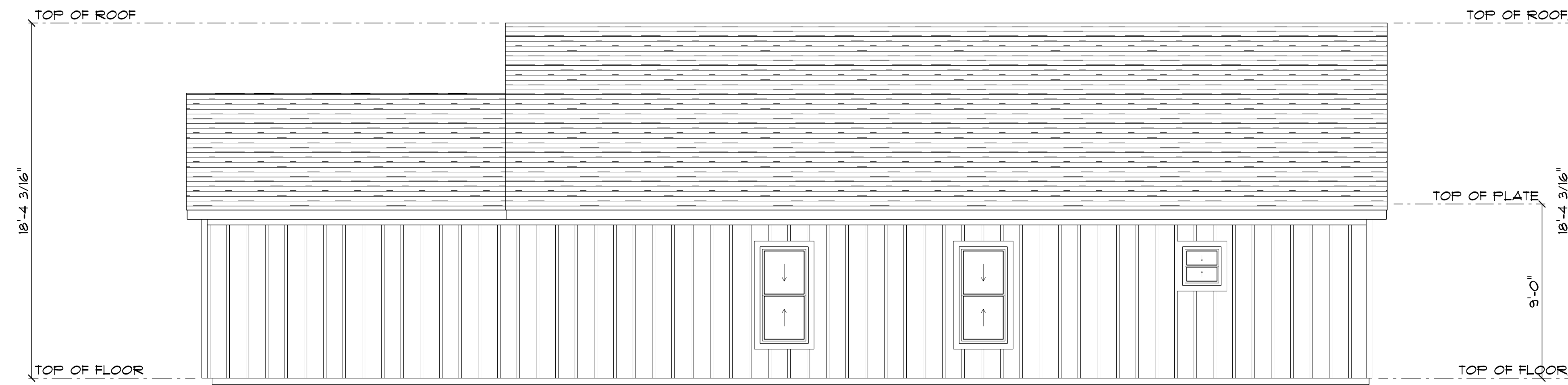


TYPICAL WALL SECTION
SCALE: 3/4" = 1'-0"



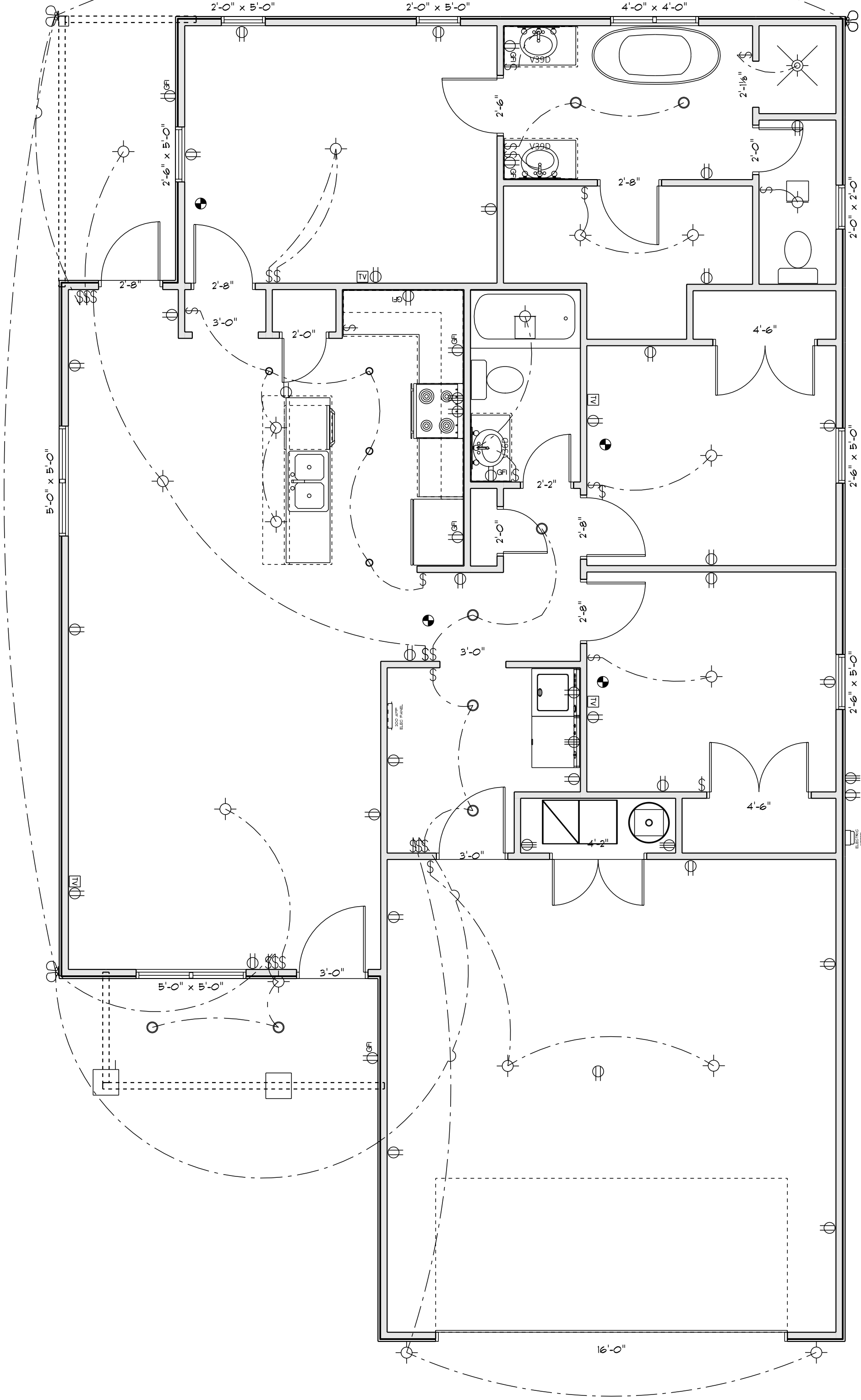
LEFT ELEVATION
SCALE: 1/4" = 1'-0"

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

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
can light 4inch	4	○
pot light	8	○
spotlight double	5	○
cable tv outlet	4	TV
light	18	○
outlet	36	○
outlet gfi	8	○GFI
switch	30	⌵
vanity bar light 02	3	○
outlet 220v	5	⊕
electrical panel	1	⌞
smoke detector	4	⊙
ceiling light vent square	2	□



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

ELECTRICAL PLAN NOTES:

INSTALLATION SHALL BE PER 2017 NAT'L ELECTRIC CODE.

WIRE ALL APPLIANCES, HVAC UNITS, AND OTHER EQUIPMENT PER MANUFACTURES SPECIFICATIONS

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

ALL SMOKE DETECTORS SHALL BE 120v WI 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 THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.

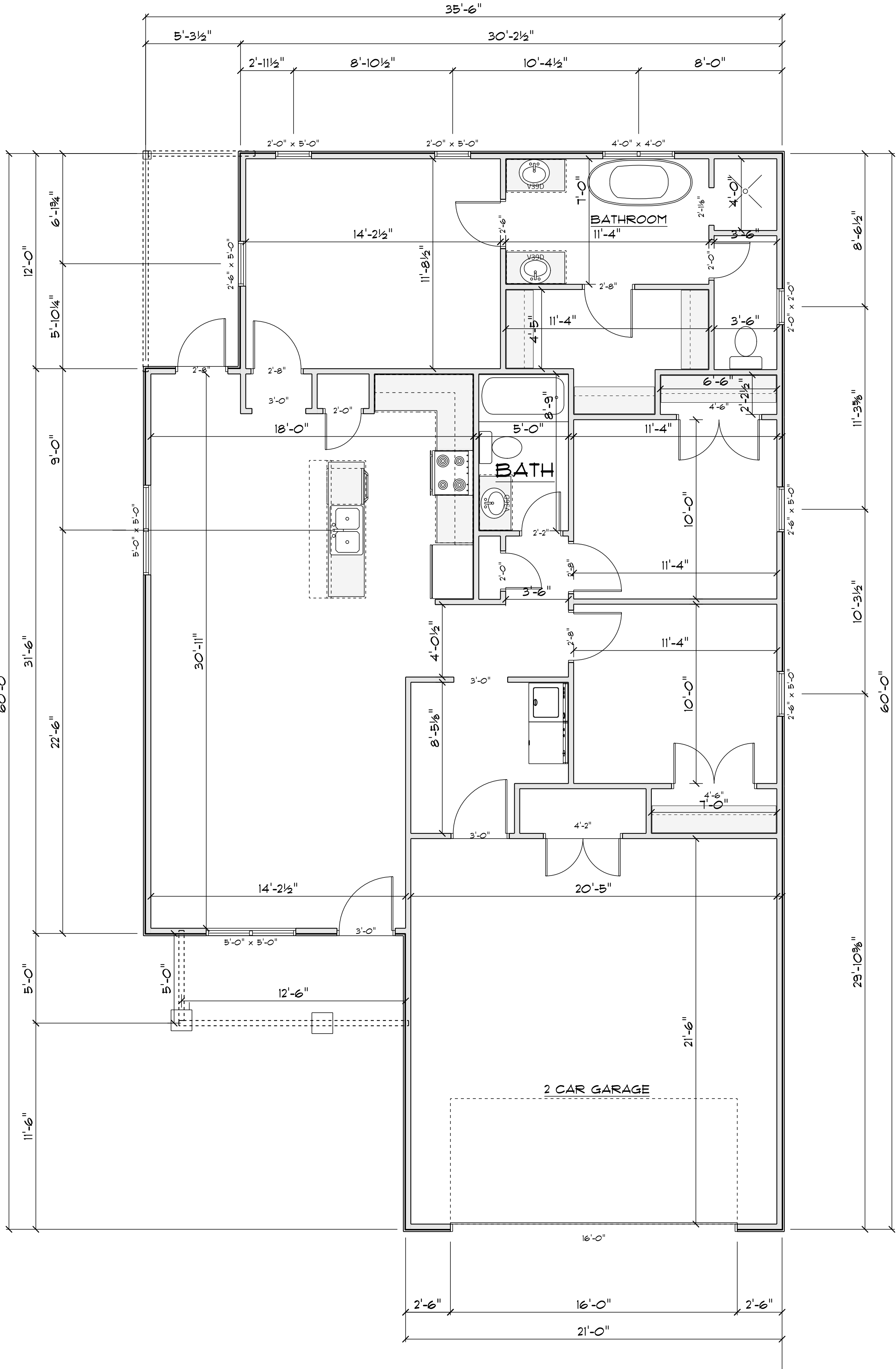
ALL RECEPTACLES, NOT OTHERWISE NOTED, SHALL BE ARC FAULT INTERRUPTER TYPE, EXCEPT DEDICATED OUTLETS

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

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

NOTE: ELECTRICAL CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELECTRICAL PLAN, ADDS TO THE PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CIRCUITS IDENTIFIED W/ CCT NUMBER, DESCRIPTION & BRKR #, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING / DEPTH. RISER DIAMETER SHALL INCLUDE WIRE SIZES, TYPES, EQUIPMENT TYPE W/ RATINGS & LOADS.

CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY



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

AREA SUMMARY

NAME	AREA
Total	0 sq ft.

Living Area 1389 sq. ft.
Covered Porch 128 sq. ft.
Garage 465 sq. ft.
Total Area 1987 sq. ft.

CONCRETE / MASONRY / METALS GENERAL NOTES:

- DESIGN SOIL BEARING PRESSURE: 1500PSF
- 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 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 SFT OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615M. ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185-MIN YIELD STRESS= 85KSI
- CONCRETE SHALL BE A STANDARD MIX F'C = 3000PSI FOR ALL FOOTINGS, SLABS, COLUMNS, AND BEAMS OR SHALL BE STANDARD PUMP MIX F'C = 3000PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT, MIXING, PLACING. FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURERS PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITHIN THE MEDIUM SURFACE FINISH - F'M = 1500PSI.
- MORTAR SHALL BE TYPE "M" OF "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 APPLICATION.
- 2X4" P/T WOOD SILL, CONTINUOUS ALL AROUND W/ 5/8" A.B. W/ 3" SQ. X 1/4" PLATE WASHERS WITHIN 6" FROM EACH CORNER EACH WAY AND WITHIN 6" FROM ALL WALL OPENINGS / ENDS - 1/2" A.B. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.C. MAX. ALL ANCHOR BOLTS SHALL HAVE A MIN OF 8" EMBEDDED INTO THE CONCRETE.

CONSTRUCTION NOTES:

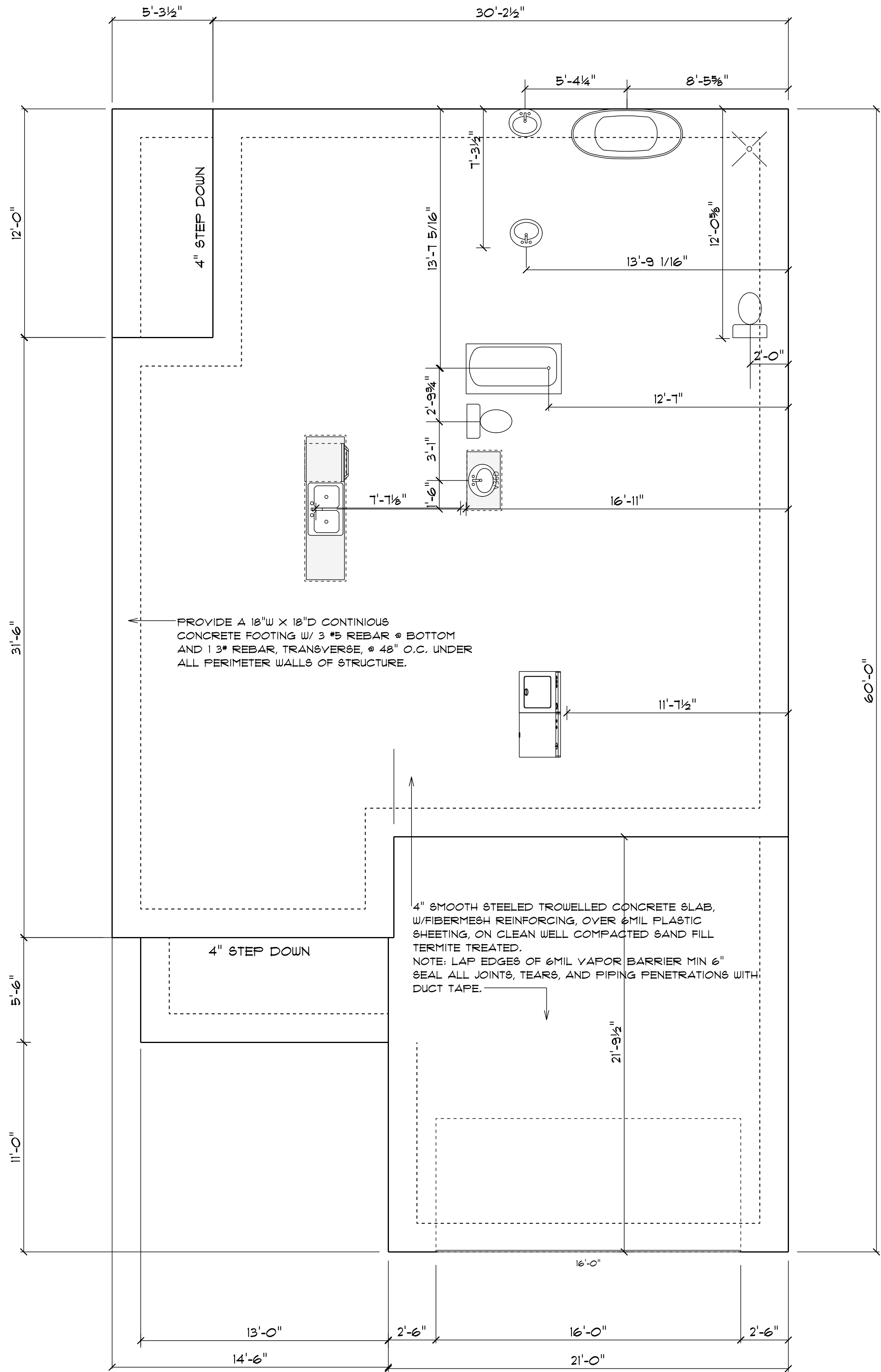
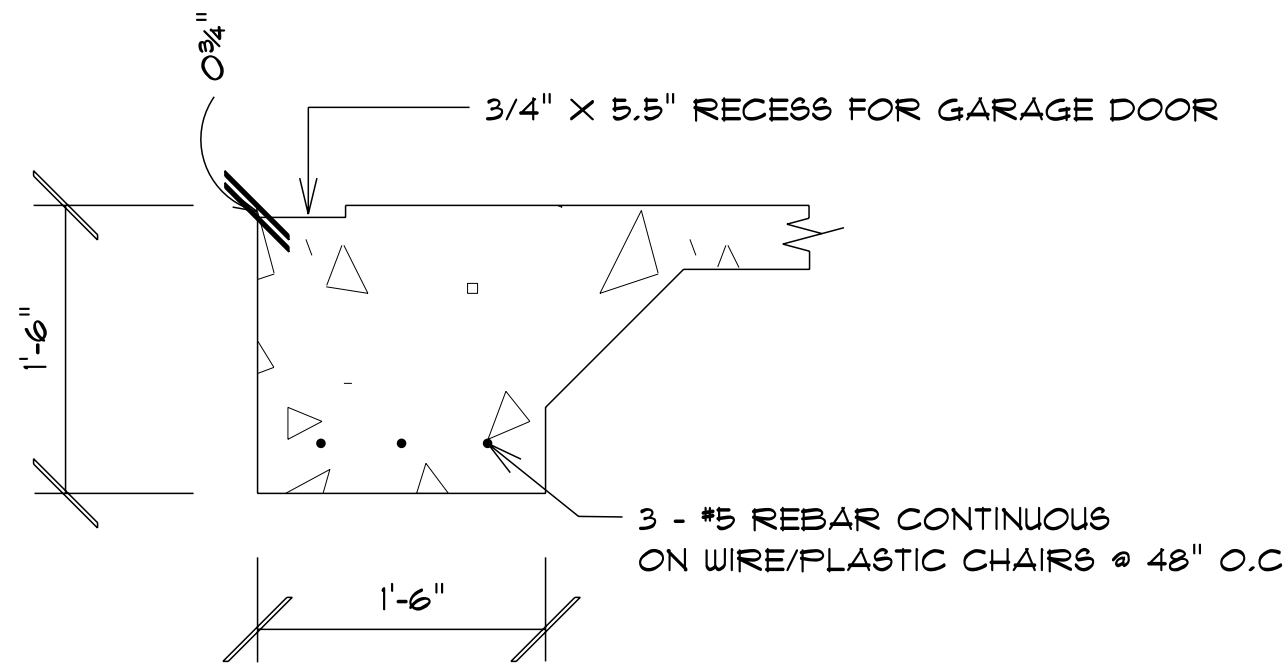
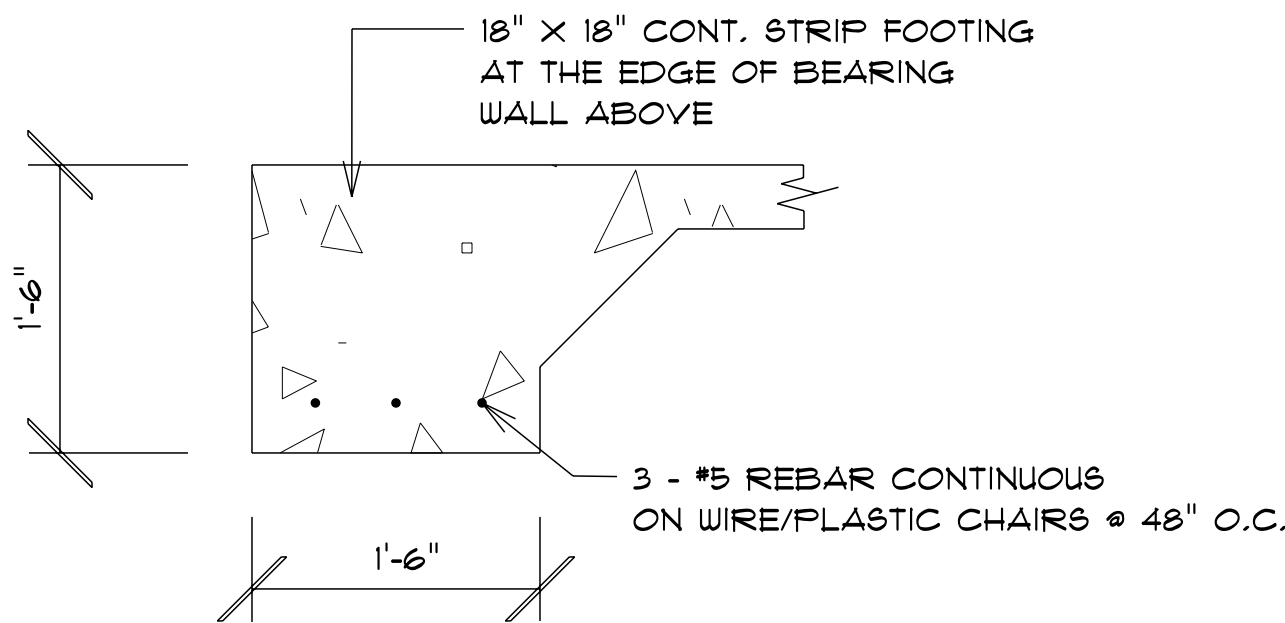
- FIELD VERIFY ALL DIMENSIONS AND MATERIAL. ALL OUTSIDE DIMENSIONS ARE TO FACE OF FOUNDATION.
- ALL NAILING CONSTRUCTION MATERIALS SHALL BE PER 2017 FBC - SEE S.3
- PROVIDE EXTERIOR COMBUSTION AIR TO GAS FIRED H.V.A.C. EQUIPMENT, WOOD BURNING STOVES, AND FIREPLACES.
- VENT CLOTHES DRYER, BATH, AND COOKING FANS TO EXTERIOR AS REQUIRED
- CONTRACTOR SHALL CALL ATTENTION TO THE DESIGNER, ANY DISCREPANCIES IN DRAWINGS AND/OR SPECIFICATIONS AND SHALL RECEIVE INSTRUCTIONS OR CLARIFICATIONS BEFORE PROCEEDING WITH THE PORTION OF THE WORK IN QUESTION.
- ROOF AND FLOOR TRUSS FRAMING PLANS ARE FOR GENERAL INFORMATION ONLY. THE TRUSS MANUFACTURER SHALL PROVIDE A DETAILED LAYOUT FOR TRUSS AND FRAMING MEMBERS.
- SHOULD CONDITIONS AT THE SITE BE FOUND MATERIALLY DIFFERENT FROM THOSE INDICATED BY THE DRAWINGS AND/OR SPECIFICATIONS, AND THE CONDITIONS USUALLY INHERENT IN THE WORK OF THE CHARACTER SHOWN AND SPECIFIED ARE DIFFERENT FROM THE DESIGNERS RECOMMENDED BUILDING PROCEDURES, CALL IMMEDIATE ATTENTION TO SUCH CONDITIONS BEFORE PROCEEDING.
- LP GAS BURNING APPLIANCES ARE NOT PERMITTED IN BASEMENTS OR CRAWLSPACES.
- DO NOT SCALE DRAWINGS. USE PRINTED DIMENSIONS WITH PRIORITY ONLY.

NOTE: THE DESIGN FOR THIS PROJECT IS 130 MPH PER FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS.

NOTE: ADDEND FILL SHALL BE COMPACTED IN 8" LIFTS EACH COMPACTED TO 98% DRY COMPACTION PER THE "MODIFIED PROCTOR METHOD".

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

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



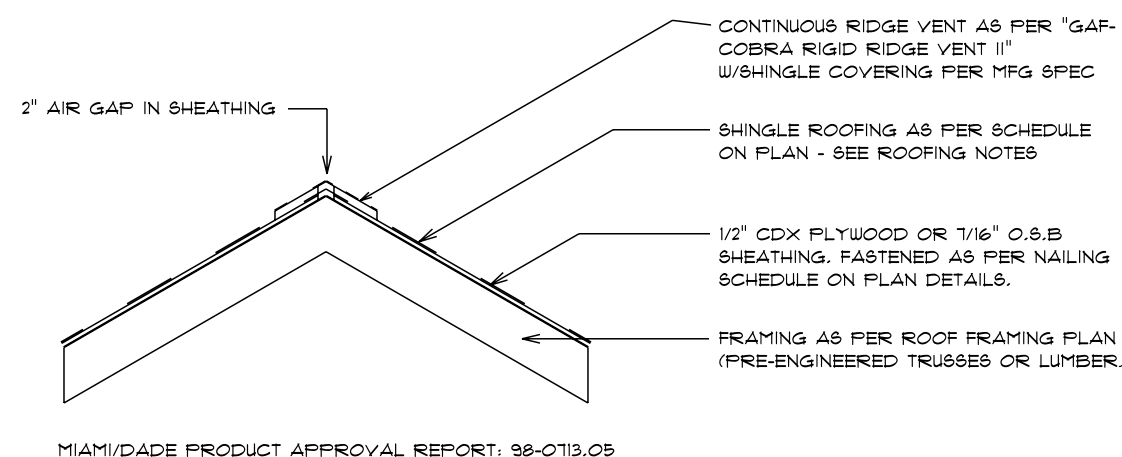
FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

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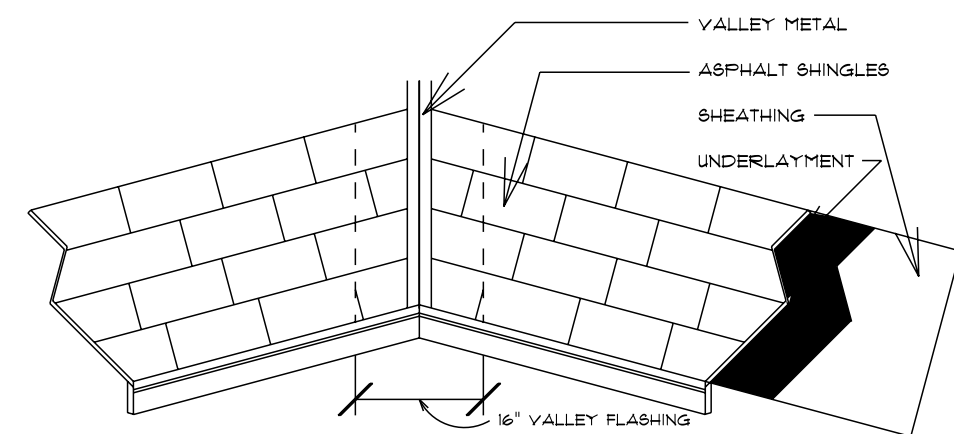


1. TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE PERSONAL RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY AND PERMANENT BRACINGS OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".
2. ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGNS SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS, AND THE STANDARD SPECIFICATIONS AND RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
3. WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN #2 HEM-FIR OR BETTER.
4. 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 PRINCIPAL CONNECTIONS.

AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 SQ. IN.
1800 SF	24 LF	490 SQ. IN.
2200 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.



RIDGE VENT DETAIL



VALLEY FLASHING DETAIL

SCALE: NOT TO SCALE

0'-0" TO 6'-0" OPENINGS

DOU6LE 2x8 No.2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10D X 0.128" X 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1-SIMPSON MSTA15 TOP AND 1-SIMPSON SPH4R BOTTOM EACH SIDE OF OPENING WITH 1-HEADER STUD AND 1 FULL HEIGHT STUD EACH SIDE OF OPENING.

6'-0" TO 9'-0" OPENINGS

DOU6LE 2x12 No."2 SOUTHERN PINE WITH 1/2" OSB SOLID
CONTINUOUS SPACER GLUED AND NAILED WITH 10D X 0.128" X 3"
NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 2-
SIMPSON MSTA15 TOP AND 2-SIMPSON SPH4R BOTTOM EACH SIDE
OF OPENING WITH 2-HEADER STUD AND 2 FULL HEIGHT STUD EACH
SIDE OF OPENING.

9'-0" TO 16'-0" OPENINGS

DOU6LE 2x8 No.2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED AND NAILED WITH 10D X 0.128" X 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 3-SIMPSON MSTA15 TOP AND 2-SIMPSON SPH4R BOTTOM EACH SIDE OF OPENING WITH 2-HEADER STUD AND 3 FULL HEIGHT STUD EACH SIDE OF OPENING.

ROOFING METALS FOR FLASHING / ROOFING MIN THICKNESS REQ.			
MATERIAL	MINIMUM THICKNESS (IN.)	GAGE	WEIGHT (OZ.)
COPPER	N/A	N/A	16
ALUMINUM	0.024	N/A	N/A
STAINLESS STEEL	N/A	28	N/A
GALVANIZED STEEL	0.0179	26 (ZINC G90)	N/A
ZINC ALLOY LEAD PAINTED TERNE	0.027	N/A	40 / 20

1. TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER AND IN ACCORDANCE WITH THE REQUIREMENTS FOR THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND ITS CONNECTIONS", LATEST EDITION ALONG WITH THE "TRUSS PLATE Institute" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT TRUSS BRACING, DESIGN, AND HANDLING OF TRUSSES. PER TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETAILS, AND TRUSS TO TRUSS CONNECTORS.
2. TRUSS SHOP DRAWINGS SHALL BE SIGNED AND SEALED BY DESIGNING ENGINEER.
3. FOLLOWING DEVELOPMENT FOR TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES AND 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: SHEATH ROOF WITH 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERP TO ROOF FRAMING TRUSSES, SECURE TO FRAMING W/ 8D NAILS - AS PER DETAIL ON SHEET SD.4.

NOTE: THE DESIGNED WIND SPEED FOR THIS PROJECT IS 130 MPH PER F6C 1609 AND LOCAL JURISDICTION REQUIREMENTS.

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: ANCHOR GIRDER TRUSSES TO HEADER WITH 2" "SIMPSON" LGT (2,3, OR 4). ANCHOR HEADER TO KING STUDS W/2" "SIMPSON" ST22 EACH END - TYP, T.O.

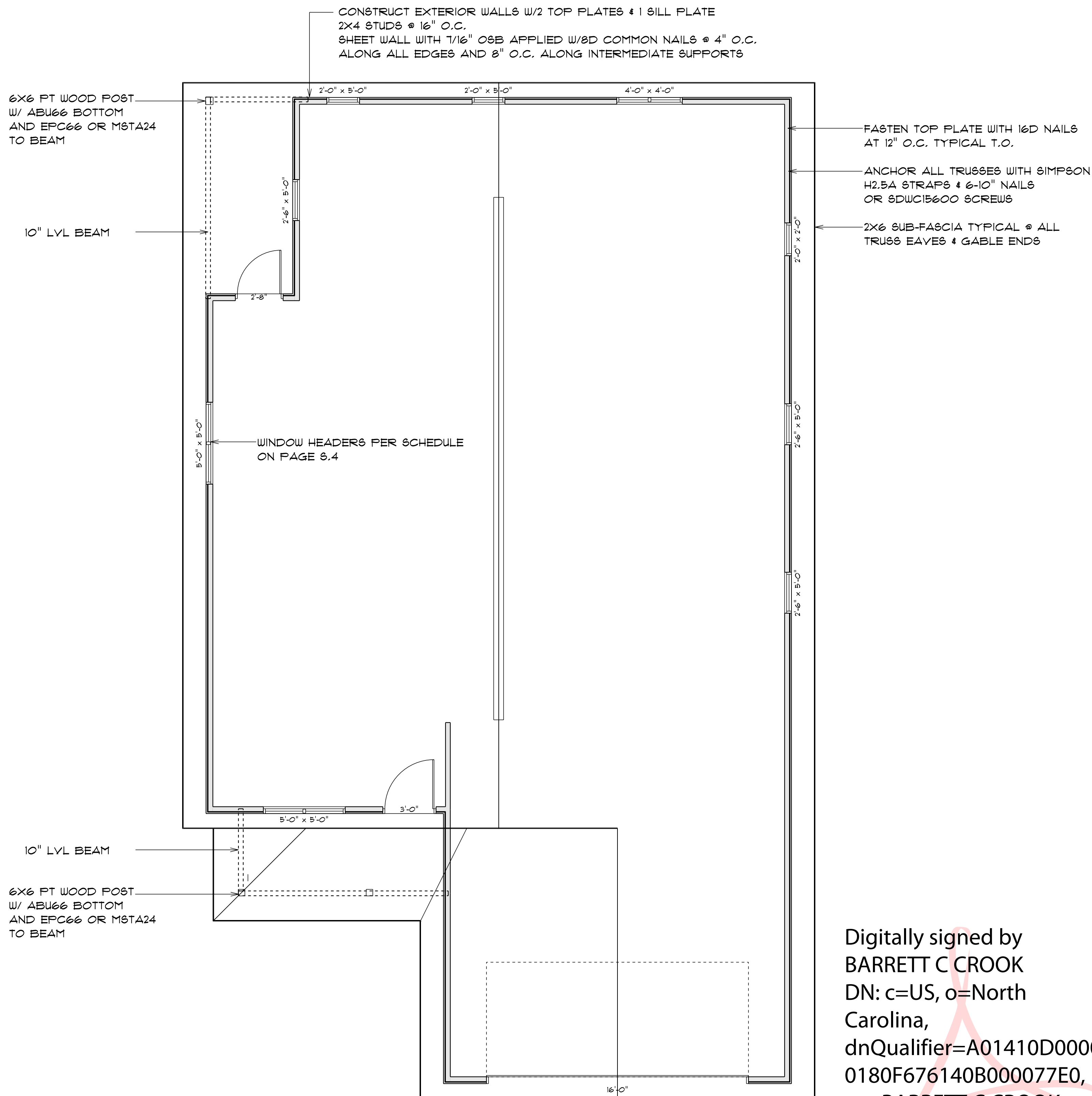
R-1 SEE ELEVATIONS FOR ROOF PITCH

R-2 ALL OVERHANGS 18" & 12" ON GABLES (UNLESS OTHERWISE NOTED)

R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULES

R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLAN TO VERIFY PLATE AND
HEEL HEIGHTS

R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO THE GARAGE
SIDE OF THE HOME OR REAR IF POSSIBLE.



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

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FLORIDA BUILDING CODE

COMPLIANCE SUMMARY

TYPE OF CONSTRUCTION

ROOF: HIP & GABLE CONSTRUCTION, WOOD TRUSSES @ 24" O.C.
WALLS: 2X4 WOOD STUDS 16" O.C.
FLOOR: 4" THICK SLAB W/FIBERMESH CONCRETE ADD.
FOUNDATION: MONOLITHIC CONTINUOUS FOOTING
ROOF DECKING
MATERIAL: ½" CDX PLYWOOD OR 7/16" O.S.B.
SHEET SIZE: 48"X96" SHEETS PERP TO ROOF FRAMING
FASTENERS: 8D COMMON OR RING SHANK NAILS PER SCHEDULE ON SHEET S.4

SHEARWALLS

MATERIAL: ½" CDX PLYWOOD OR 7/16" O.S.B.
SHEET SIZE: 48"X96" SHEETS PLACED VERTICAL, STAGGER EACH SHEET
FASTENERS: 8D COMMON @ 4" O.C. EDGES & 8" O.C. INTERIOR
DRAGSTRUT: DOUBLE TOP PLATE (S.Y.P.) W/16D NAILS @ 12" O.C.
WALL STUDS: 2X4 WOOD STUDS @ 16" O.C.

HURRICANE UPLIFT CONNECTORS

TRUSS ANCHORS: SIMPSON H2.5A (OR EQUIVALENT), W/6D-10D NAILS
WALL TENSION: WALL SHEATHING NAILING IS ADEQUATE — 8D @ 4" O.C. TOP & BOTTOM
ANCHOR BOLTS: ½" A307 BOLTS @ 48" O.C. — 1ST BOLTS 6" FROM CORNER
CORNER HOLD-DOWN DEVICE: (1) DTT2Z OR EQ. EACH CORNER
PORCH COLUMN BASE CONNECTOR: SIMPSON ABU66/ABU66 AT EACH CORNER
PORCH COLUMN TO BEAM CONNECTOR: SIMPSON EPC66PC66 AT EACH CORNER

FOOTINGS AND FOUNDATIONS

FOOTINGS: 18"X18" CONTINUOUS MONOLITHIC FOOTING WITH 3 #5 BARS AS PER DETAIL ON FOUNDATION PLAN
STEMWALL: N/A

STRUCTURAL DESIGN CRITERIA:

- THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2020 FLORIDA BUILDING, CODE 7TH EDITION AND OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.
- WIND LOAD CRITERIA: RISK CATEGORY, 2, EXPOSURE, "C"
BASED ON ANSI/ASCE 7-10, 2017 F6C1609-A WIND VELOCITY, V ,LT • 130 MPH
VABD = 101 MPH#
- ROOF DESIGN LOADS:
A. SUPERIMPOSED DEAD LOADS: 20PSF
B. SUPERIMPOSED LIVE LOADS:20PSF
- FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: 25PSF
SUPERIMPOSED LIVE LOADS:
I. RESIDENTIAL: 40PSF
II. BALCONIES:.....60 PSF
- WIND NET UPLIFT: ARE AS INDICATED ON PLANS

FRAMING ANCHOR SCHEDULE

APPLICATION:	MANUF'R/MODEL	CAP
TRUSS TO WALL:	SIMPSON H2.5A OR EQ. WI 6 - 10d NAILS	960#
GIRDER TRUSS TO POST/HEADER:	SIMPSON LGT, WI 28 - 16d NAILS	1785#
HEADER TO KING STUD(S):	SIMPSON ST22	1370#
PLATE TO STUD:	SIMPSON SP2	1065#
STUD TO SI LL:	SIMPSON SP1	585#
PORCH BEAM TO POST:	SIMPSON PC44/EPC44	1700#
PORCH POST TO FOUNDATION:	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: "SEMCO" PRODUCT APPROVAL: MIAMI/DADE COUNTY REPORT #95-0818.15

NOTE: "SIMPSON" PRODUCT APPROVALS: MIAMI/DADE COUNTY REPORT #97-0107.05, #96-1126.11, #99-0623.04 SBCC1 NER-443, NER-393

TERMITE PROTECTION NOTES:

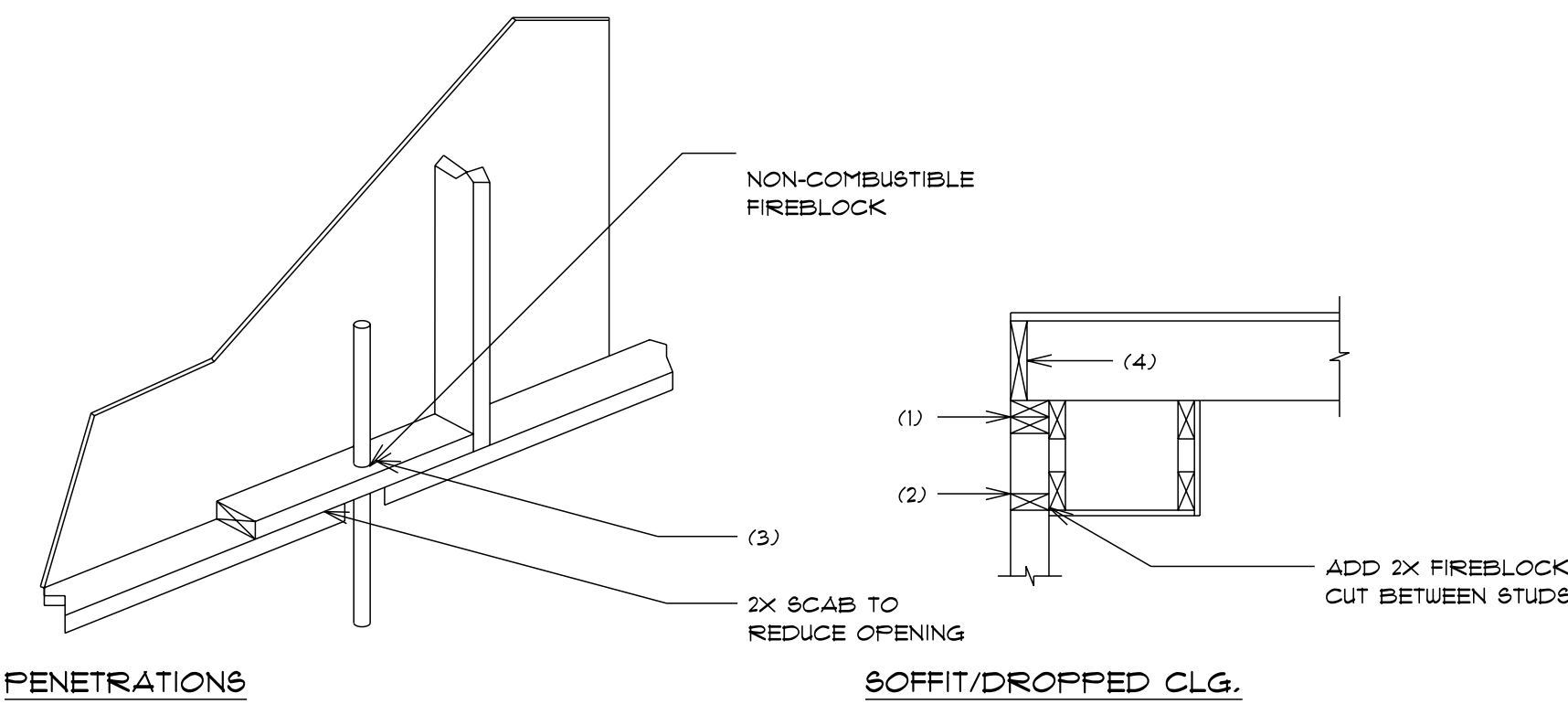
SOIL CHEMICAL BARRIER METHOD:

- A PERMANENT SIGN WHICH IDENTIFIES TI-IE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.6
- 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".
- 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 WITI-IIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 1816.1.B
- 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 # 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 ALL 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' " OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

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 CEILINGS, COVE CEILINGS, ETC.
- AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "PYROPANEL MULTI FLEX 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 SECTION

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

GENERAL ROOFING NOTES:

DECK REQUIREMENTS: ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

SLOPE: ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DBL. UNDERLAYMENT IS REQUIRED.

UNDERLAYMENT: UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226, TYPE 1, OR ASTM D 4869, TYPE 1.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:

SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1970.

ASPHALT SHINGLES: ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR ASTM D 3462.

FASTENERS: FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE THE SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT: ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITI-1 ASTM D 3161 OR M-DC PA 107-95.

UNDERLAYMENT APPLICATION: FOR ROOF SLOPES FORM 2:12 TO 4:12, 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 FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:

- STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS: BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFGR'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM 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 ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED.

- FOR OPEN VALLEYS LINED WITH METAL. THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 1507.3.9.2.
- FOR 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 MINIMUM OF 36 INCHES WIDE.
- FOR 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 TY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1970.

NOTE!!! ROOF SHINGLES SHALL BE AS MANUFACTURED BY "TAMKO ROOFING PRODUCTS" OF THE FOLLOWING MODELS:

- 1.GLASS-SEAL AR
- 2. ELITE GLASS-SEAL AR
- 3. HERITAGE 30 AR
- 4. HERITAGE 40 AR
- 5. HERITAGE 50 AR

THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE 1 MODIFIED TO 110 MPH WINDS & FBC TAS 100, USING 4 NAILS/SHINGLE

WIND SPEED (MPH)	BUILDING COMPONENTS & CLADDING LOADS MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B" ROOF ANGLE 1° TO 21°			
	VULT 100 MPH	VULT 120 MPH	VULT 150 MPH	VULT 160 MPH
1	10.0 / -18.9	14.9 / -23.1	11.9 / -21.8	20.3 / -32.3
1	20.0 / -18.4	13.6 / -23.0	16.0 / -21.0	18.9 / -31.4
1	30.0 / -18.6	11.9 / -22.2	13.9 / -22.2	16.1 / -30.2
2	10.0 / -34.1	14.9 / -41.3	11.9 / -48.4	20.3 / -56.2
2	20.0 / -31.9	13.6 / -38.0	16.0 / -44.6	18.9 / -51.1
2	30.0 / -28.2	11.9 / -33.6	13.9 / -39.4	16.1 / -45.1
3	10.0 / -51.3	14.9 / -61.0	11.9 / -71.6	20.3 / -83.1
3	20.0 / -47.9	13.6 / -57.1	16.0 / -64.6	18.9 / -71.1
3	30.0 / -43.5	11.9 / -51.8	13.9 / -60.8	16.1 / -70.5
4	10.0 / -23.6	25.9 / -34.1	30.4 / -33.0	35.9 / -38.2
4	20.0 / -22.6	24.1 / -36.9	29.0 / -31.6	33.1 / -36.1
4	30.0 / -21.3	23.2 / -35.4	21.2 / -29.8	16.1 / -34.6
5	10.0 / -29.1	25.9 / -34.1	30.4 / -40.1	35.9 / -41.2
5	20.0 / -27.2	24.1 / -32.4	29.0 / -38.0	33.1 / -44.0
5	30.0 / -24.6	23.2 / -29.3	21.2 / -34.3	31.6 / -39.8

HEIGHT AND EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING			
BUILDING HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	1.00	1.21	1.41
20	1.00	1.29	1.59
25	1.00	1.39	1.61
30	1.00	1.40	1.66

Digitally signed by BARRETT C CROOK

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cn=BARRETT C CROOK

Date: 2023.04.10 11:13:51 -04'00'



Lot 1 Church Street

695 SW Church Ave
Lake City
FL
32025

Aaron Marc Company

PHONE:
FAX:
MOBILE:

SCALE: As Noted

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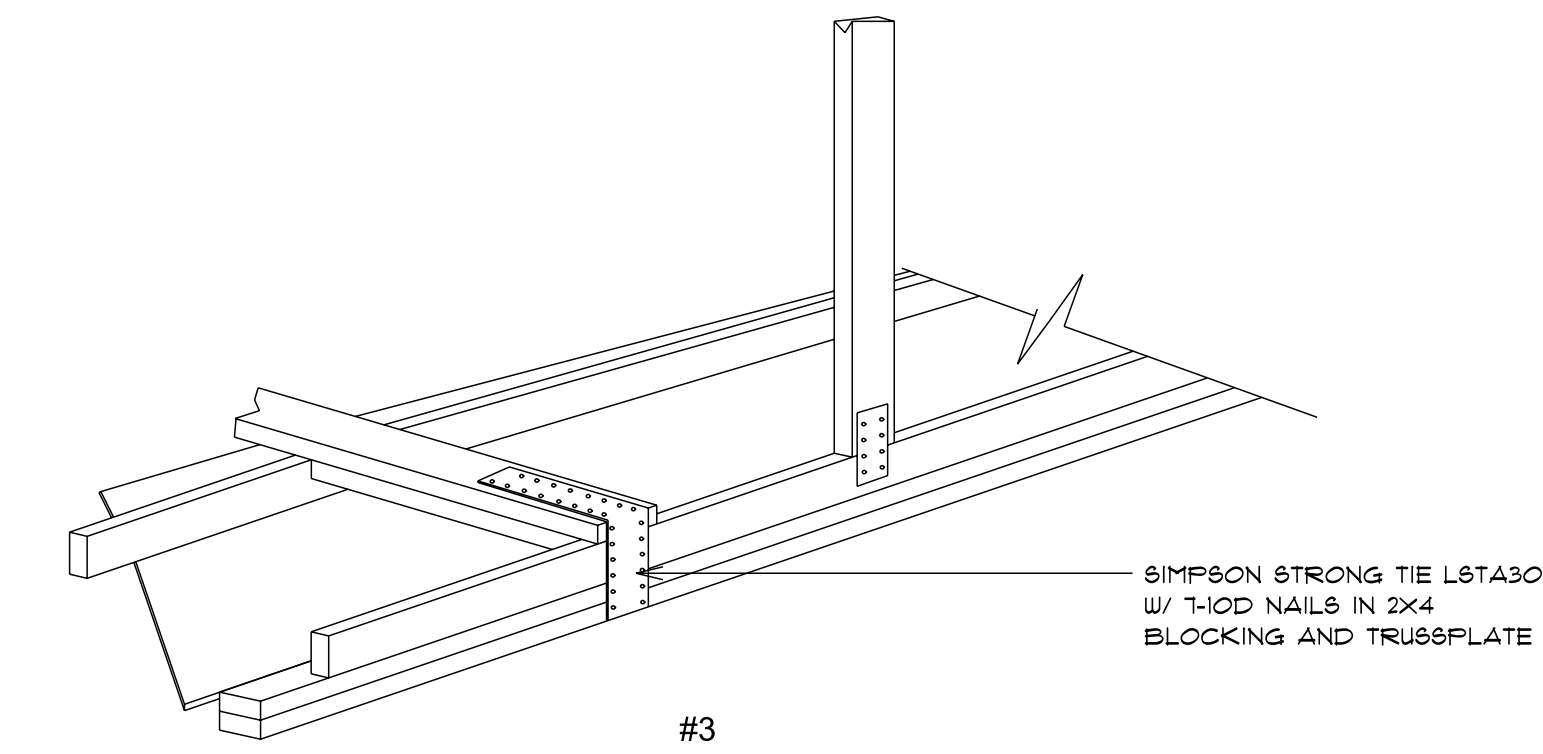
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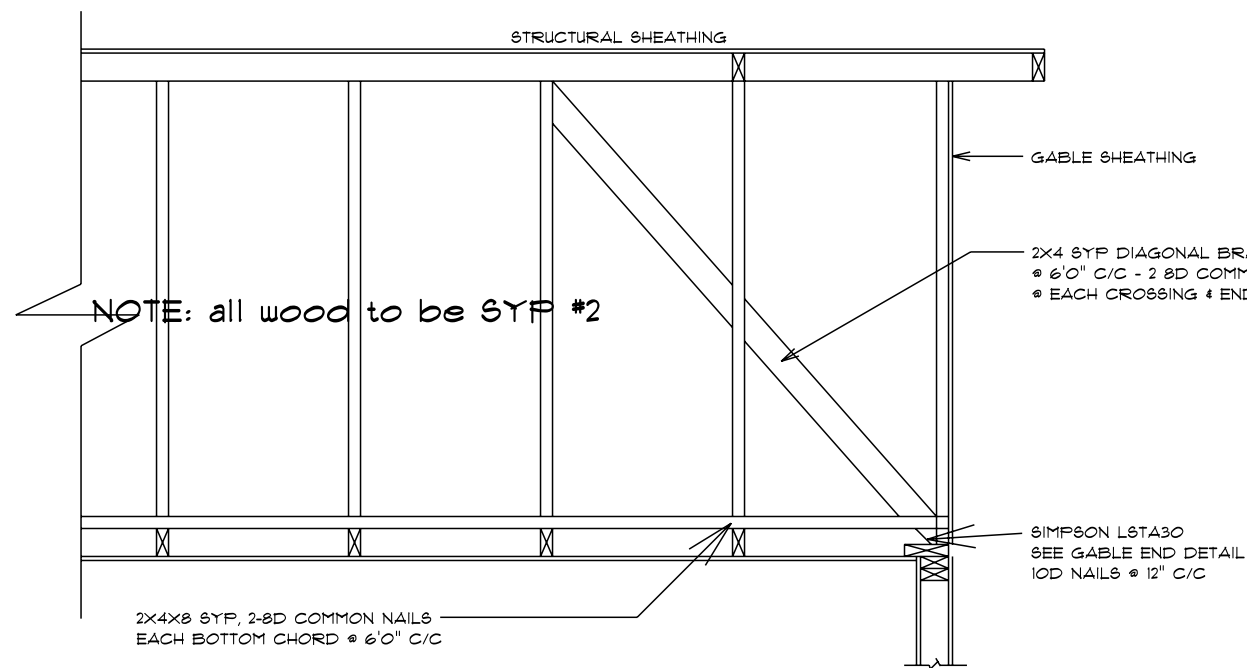
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S.3 FBC NOTES & SECTIONS

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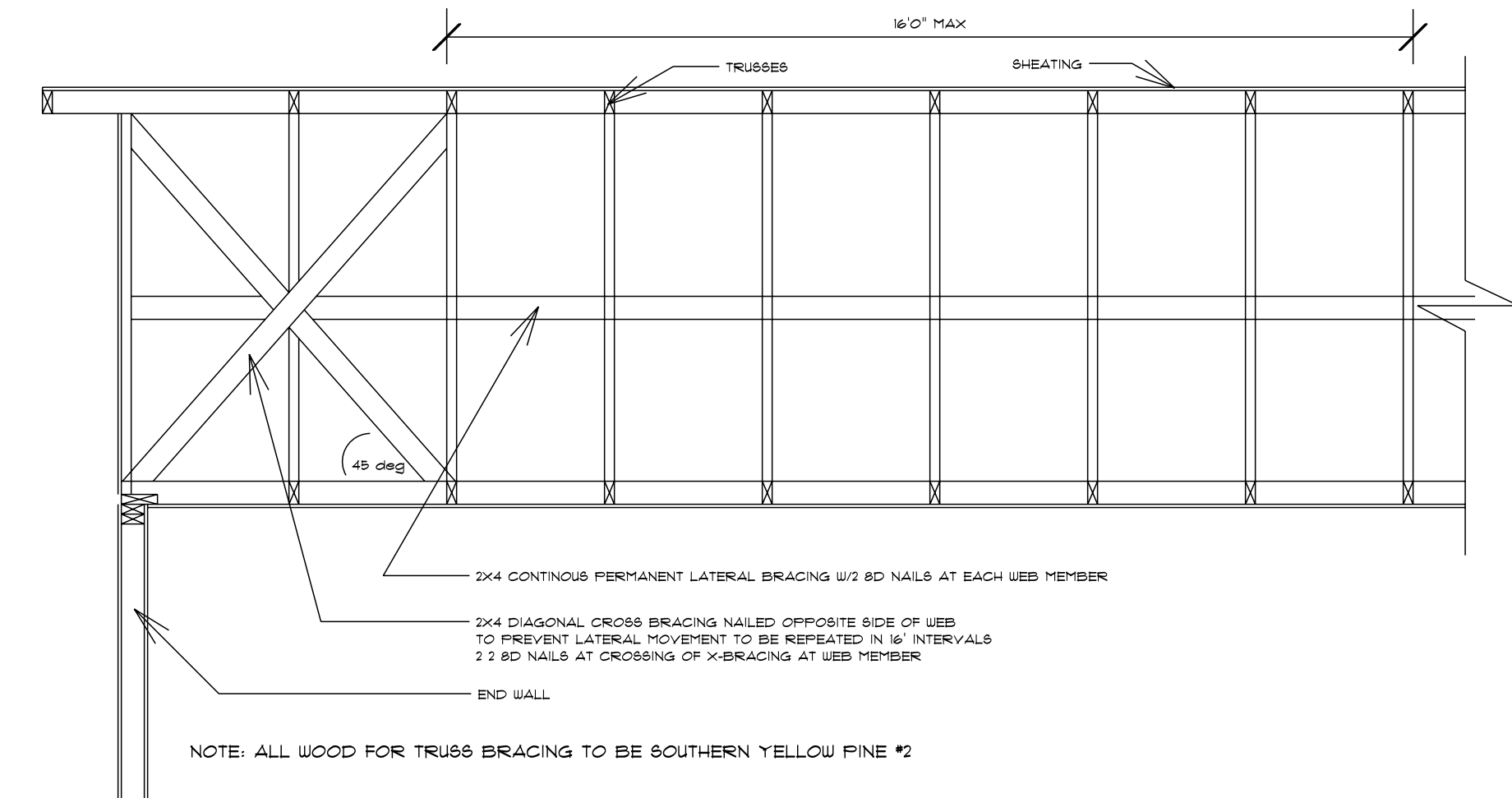
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GABLE END GYP DIAPHRAGM HOLDOWN SECTION
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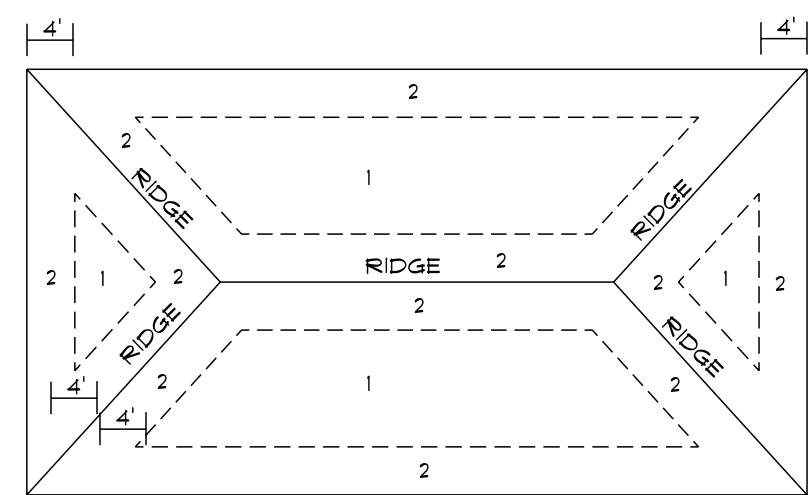


END WALL BRACING FOR CEILING SECTION
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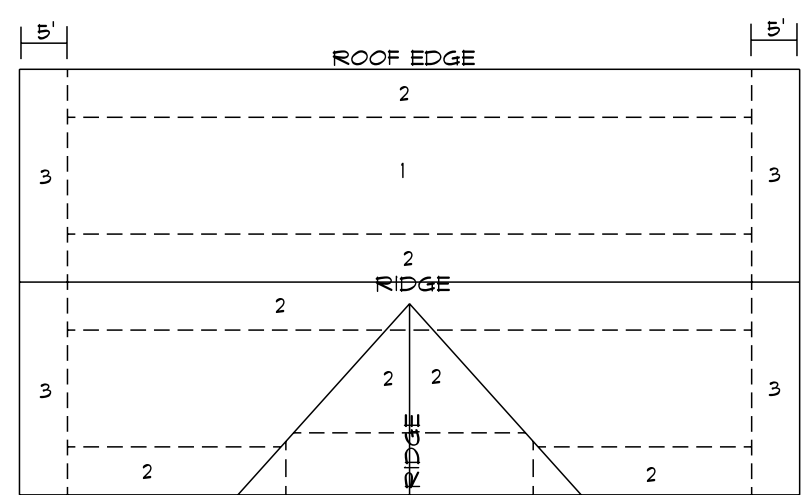


TYP PERM TRUSS BRACING SECTION
SCALE: NOT TO SCALE

ROOF SHEATHING FASTENING			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	7/16" OSB or 15/32 CDX	.113 RING SHANK NAILS	6" O.C. EDGE 12" O.C. FIELD
2	7/16" OSB or 15/32 CDX	.113 RING SHANK NAILS	6" O.C. EDGE 12" O.C. FIELD
3	7/16" OSB or 15/32 CDX	.113 RING SHANK NAILS	6" O.C. EDGE 12" O.C. FIELD

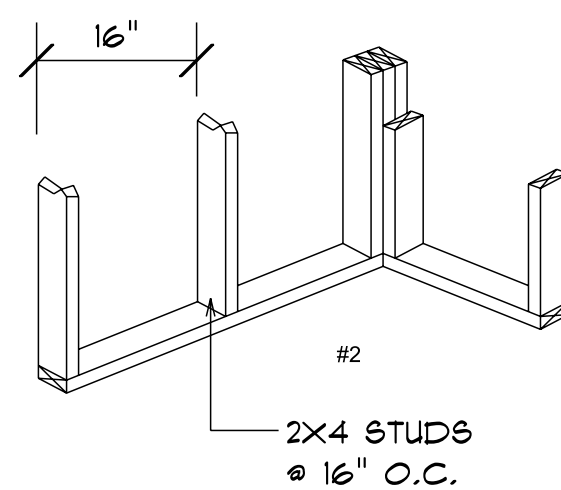


ROOF SHEATHING NAILING ZONES (HIP ROOF)

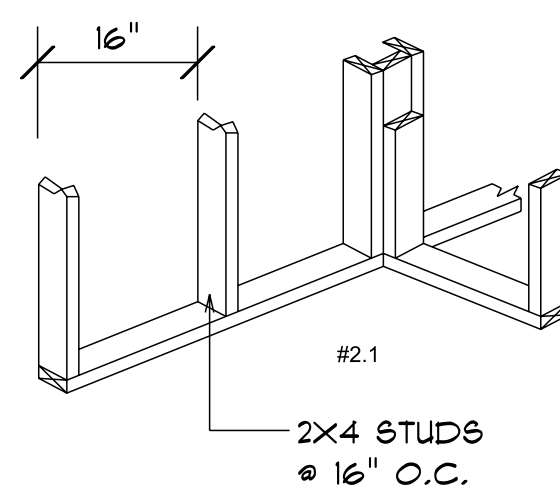


ROOF SHEATHING NAILING ZONES (GABLE ROOF)

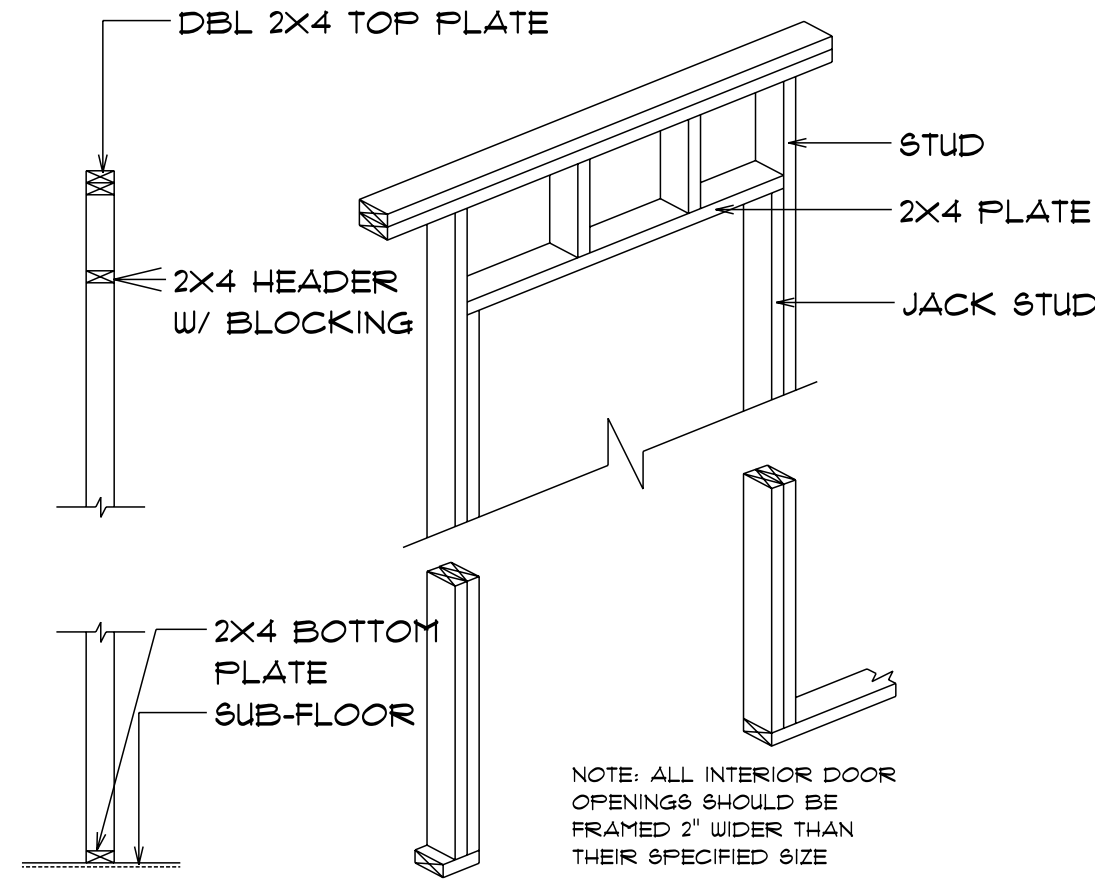
ROOF NAIL PATTERN SECTION
SCALE: 1/4" = 1'-0"



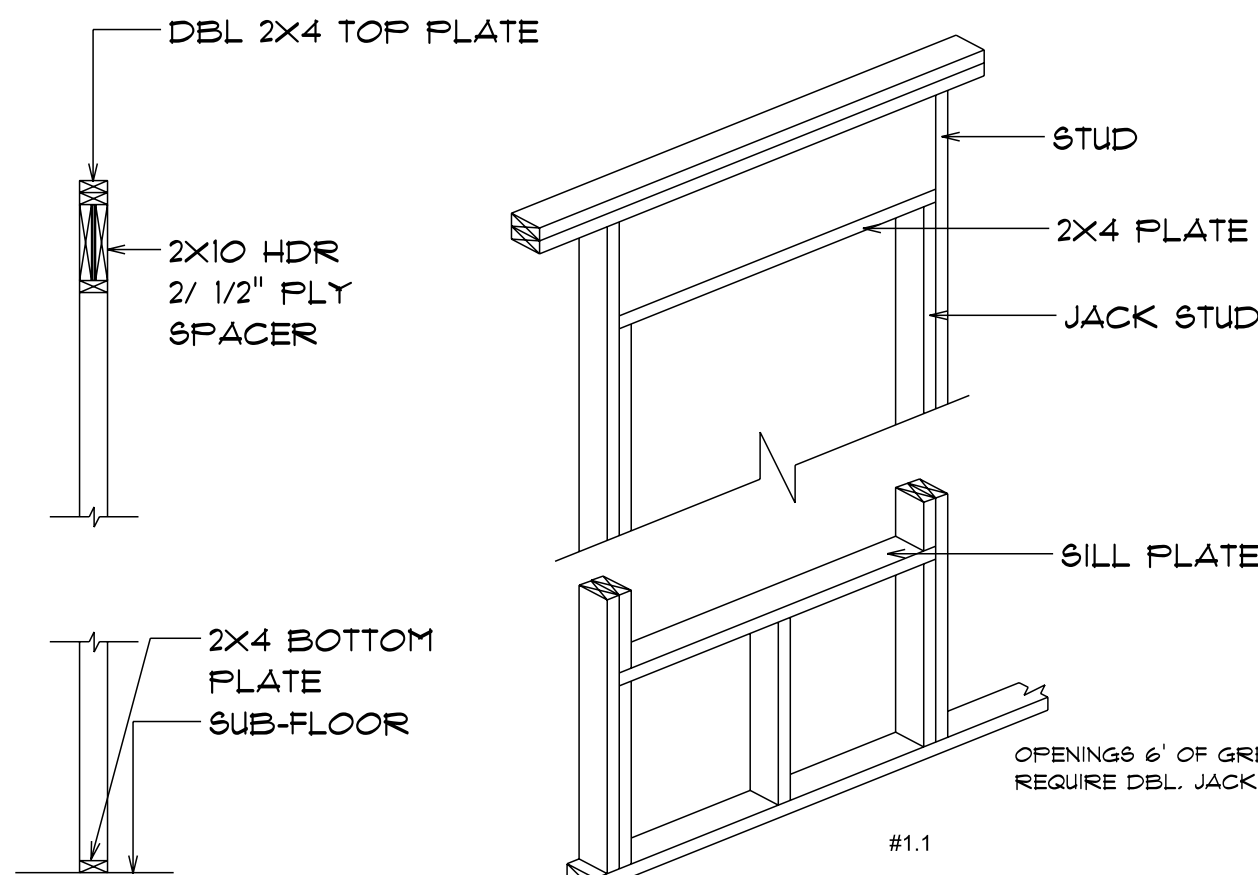
WALL CORNER



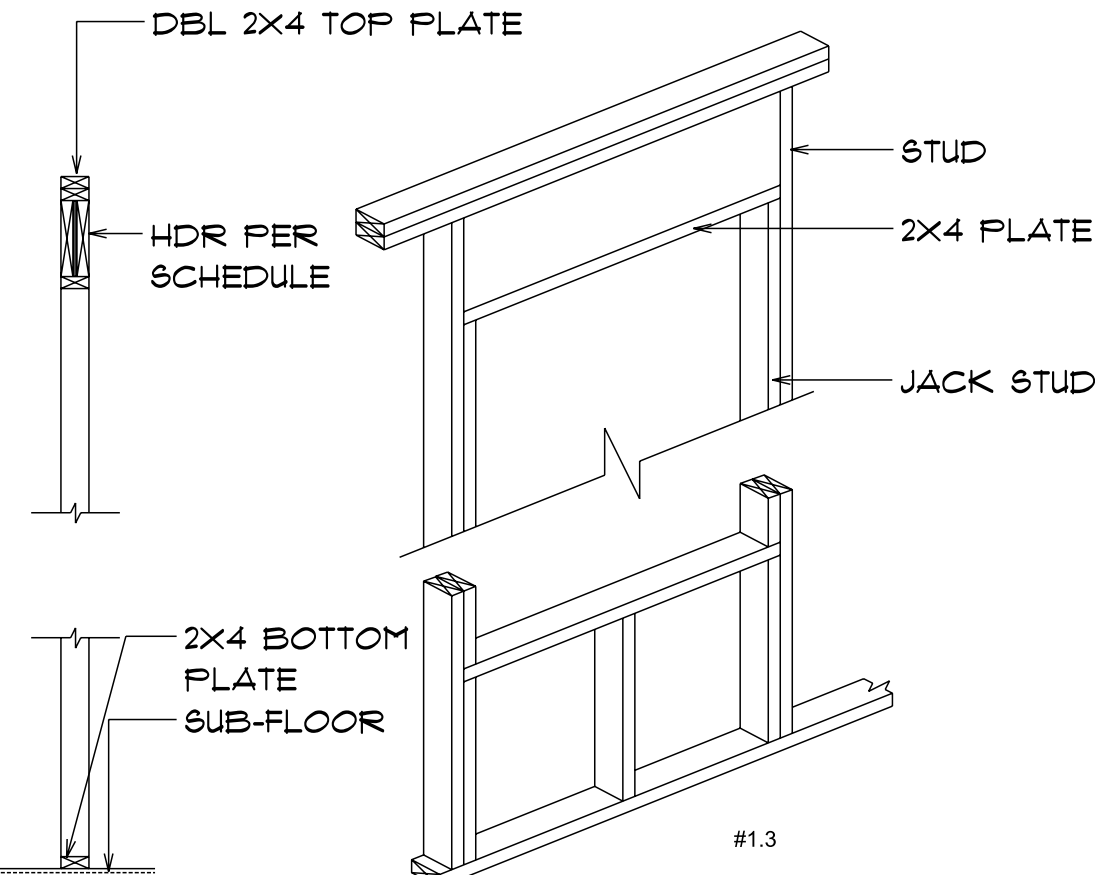
WALL INTERSECTION



NON-BEARING WALL HEADER

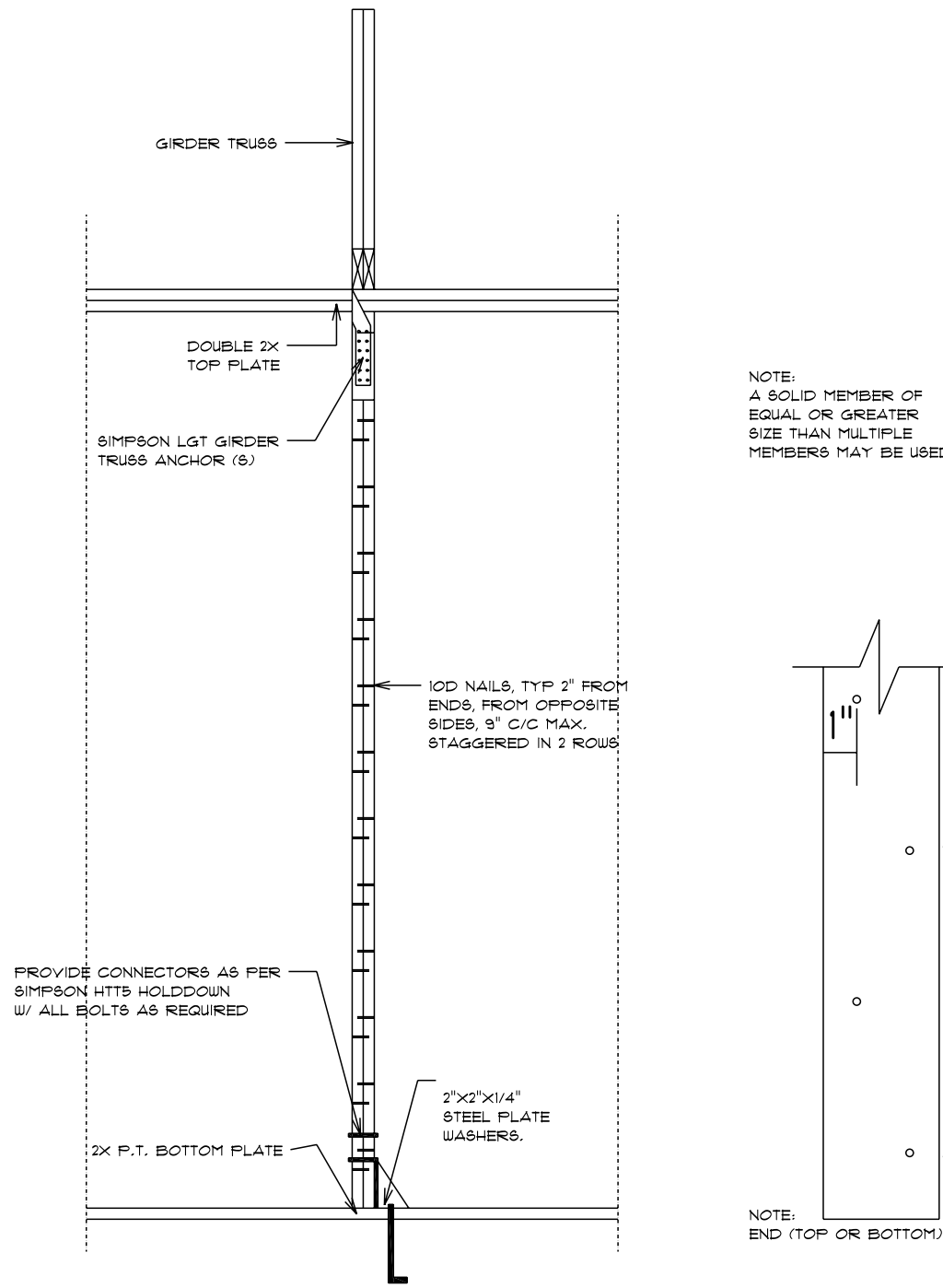


TYPICAL WINDOW HEADER

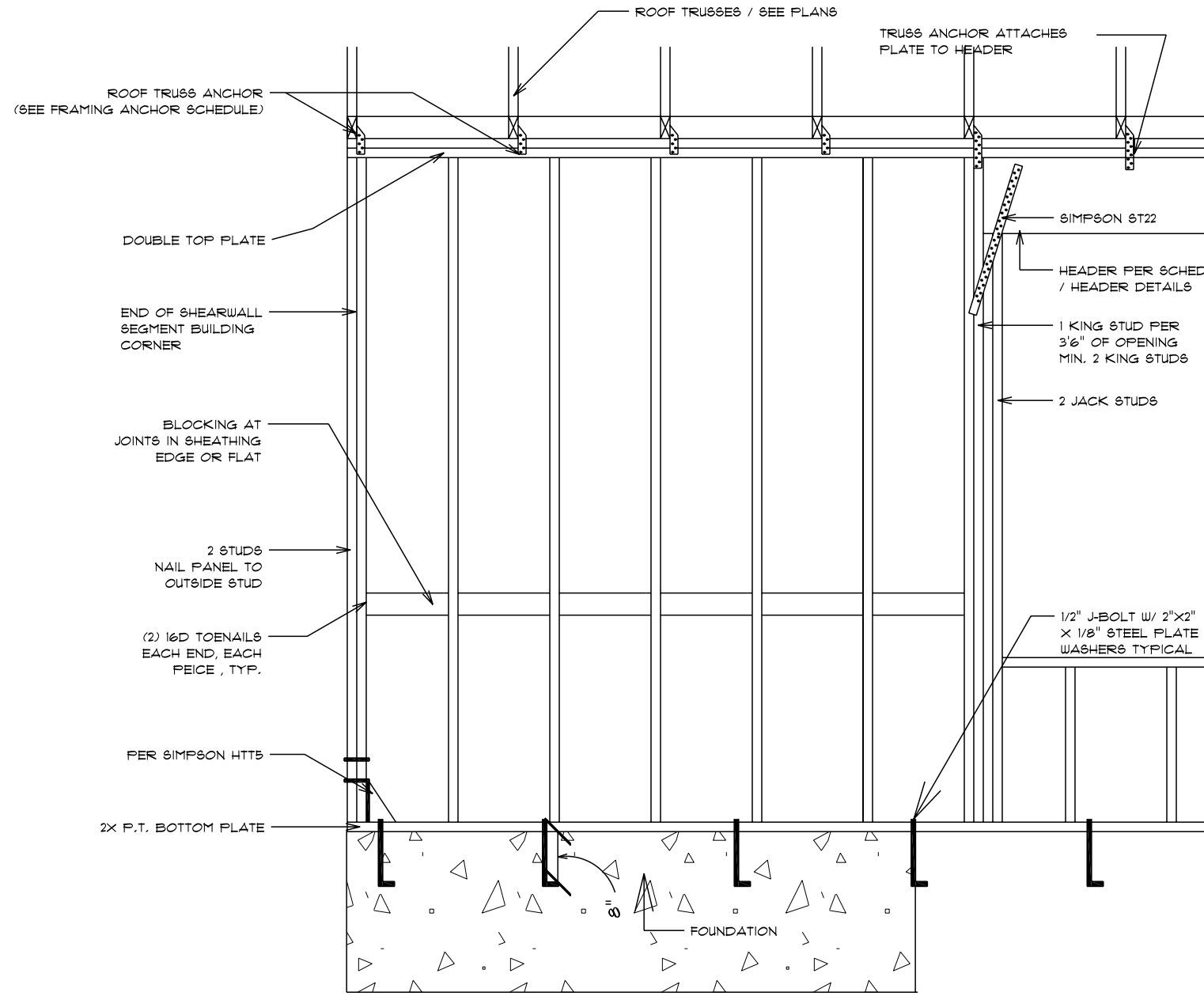


BEARING WALL HEADER

WALL FRAMING - HEADER DETAIL SECTION
SCALE: 1/2" = 1'-0"



GIRDER TRUSS COLUMN SECTION
SCALE: 1/2" = 1'-0"



SHEAR WALL NOTES:

- ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS
- THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16" WINDSTORM BD INCLUDING AREAS ABOVE AND BELOW OPENINGS
- ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS ADJACENT PANELS OCCURING OVER COMMON FRAMING MEMBERS OR ALONG BLOCKING
- NAIL SPACING SHALL BE 6" O.C. EDGES AND 12" O.C. IN FIELD
- TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS. MAX HEIGHT OF OPENING SHALL BE 5/6 TIMES THE SHEAR WALL HEIGHT. THE MIN DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/3.5 FOR 8'0" WALLS (2'-3')

OPENING WIDTH	SILL PLATES	16D TOE NAILS EACH END
UP TO 6'-0"	(1) 2X4 OR 2X6	1
+6" - 9'-0"	(1) 2X4 OR 2X6	2
+9" - 12'-0"	(1) 2X4 OR 2X6	3

SHEAR WALL DETAIL SECTION
SCALE: 1/2" = 1'-0"

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BARRETT C CROOK
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