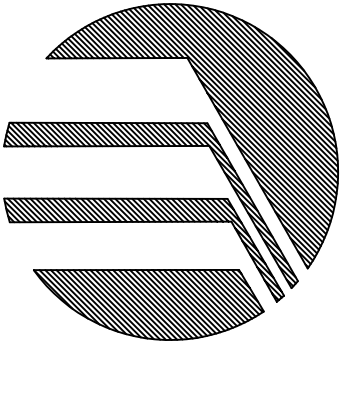


**RESIDENCE FOR
CLYDE WILKERSON
SAMTA ROSA COUNTY**



TRI-STEEL
HOMES
5400 S. STEMMONS (940) 497-7070
DENTON, TX 76205 Fax: (940) 497-3505

ABBREVIATIONS

∅	And	MAS	Masonry
∠	Angle	MAX.	Maximum
⊕	At	M.C.	Mechanical Cabinet
C	Centerline	MEGH.	Mechanical
Ø	Diameter or Round	MEWB	Member
#	Pound or Number	MFR.	Manufacturer
MIN.	Minimum	MIR.	Mirror
ACOUS.	Acoustical	MISC.	Miscellaneous
ACOUS. TILE	Acoustical Tile Clg.	M.O.	Masonry Opening
ADJ.	Adjustable	M.D.	Mounded Metal
A.F.F.	Above Finish Floor	M.L.	Metal
AGGR.	Aggregate	MULL.	Mullion
A.P.A.	American Plywood Association	N	North
APPROX.	Approximation	N.C. B.O.	Not in Contract
ARCH.	Architectural	NO.	By Others
ASPH.	Asphalt	NOM.	Normal
BD.	Board	N.T.S.	Not to Scale
BLDG.	Building	O.C.	On Center
BLKG.	Blocking	O.D.	Outside Diameter
BM.	Beam	O/O	Out to Out or Outside Edge to Outside Edge
B.O.	By Others	OPNG.	Opening
CAB.	Cabinet	OPP.	Opposite
CEM.	Cement	OPT.	Optional
CER.	Ceramic	P.H.	Paper Holder
CER. TILE	Ceramic Tile	P.L.	Plate
CLG.	Ceiling	P.L.M.D.	Plywood
CLG.	Ceiling on Ceiling	PLY.	Plate
CLR.	Clear	P.T.	Point
C.O.	Cased Opening	R	Riser or Radius
COL.	Column	RAD.	Radius
COMF.	Compressor and Pad	R.D.	Roof Drain
CONC.	Concrete	REFRIG.	Refrigerator
CONC. BLK.	Concrete Block	REFR.	Reference
CONV.	Conversion	REIN.	Reinforced
CONV. JT.	Control Joint	REIN.F.	Reinforced
CTSK.	Countersunk	REQ'D	Required
CTR.	Center	RESL.	Resilient
DBL.	Double	R.M.	Room
D.H.	Double Hung	R.O.	Rough Opening
DM.	Dimension	R & S	Room and Shelf
DM.	Dimension	S	South
DM.	Dead Load	S.C.	Solid Core
DN.	Down	SCHED.	Schedule
DR.	Door	SECT.	Section
DR. OPNG.	Door Opening	SEL.	Selected
DS.	Downspout	SHR.	Shower
DTL.	Detail	SHT.	Shower
DWG.	Drawing	SIM.	Similar
DWR.	Drawer	SPEC.	Specification
E	East	SQ.	Square
EA.	Each	STD.	Standard
ELEV.	Elevation	STL.	Steel
ELEC.	Electrical	STR.	Storage
EQ.	Equal	STRUCT.	Structural
EV.	Every	SUSP.	Suspended
EW.	Each Way	SYM.	Symmetrical
E.W.C.	Electric Water Cooler	T.B.	Towel Bar
E.M.C.	Exhaust Fan	TER.	Terrazzo
EXP. FAN	Exhaust Fan	TEMP.	Tempered
EXP.	Exhaust	T.K.G.	Tongue and Groove
EXP. JT.	Exposure Joint	TK.	Thick
EXT.	Exterior	T.O.M.	Top of Masonry
F.A.	Fire Alarm	T.O.M.	Top of Masonry
F.D.	Fire Drain	T.O.S.	Top of Slab
FDN.	Foundation	T.V.	Television
F.F.	Finish Floor	TYT.	Typical
FN.	Finish	TP.	Typical
FL.	Floor	U.N.O.	Unless Noted Otherwise
FLASH.	Flashing	V.B.	Vapor Barrier
FT.	Foot or Feet	VERT.	Vertical
FIG.	Footing	VEST.	Vestibule
FURN.	Furring	VYL.	Vinyl
FUT.	Future	W	West
GA.	Gauge	W/W	With
GALV.	Galvanized	W/C.	Wall Covering
GL.	Glass	WD.	Wood
GND.	Ground	WDW.	Window
GR.	Grade	W.D.W.	Water Driv.
GYP.	Gypsum	W.H.	Water Heater
GYP. BD.	Gypsum Board	W.P.	Waterproof
H.B.	Hose Bibb	W.SCT.	Weight
H.C.	Hollow Core		
HDWD	Hardwood		
HDWE	Hardware		
H.M.	Hollow Metal		
HORIZ.	Horizontal		
HR.	Hour		
HT.	Height		
HTR.	Heater		
I.D.	Inside Diameter (DIM.)		
INSUL.	Insulation		
INT.	Interior		
JT.	Joint		
JTS.	Joists		
KIT.	Kitchen		
LL	Live Load		
LT.	Light		

PROJECT NOTES

These drawings indicate the general scope of the project. As scope documents, the drawings do not necessarily indicate or describe all work required for full completion and performance of the project. The contractor shall be responsible for the proper execution and completion of the work.

Verify all existing grades, dimensions, conditions etc., related to existing construction and contouring. New grades to be established between owner and contractor for proper drainage. Verify exact locations of all utilities prior to start of construction. Caution shall be taken during excavation and foundation work to avoid utility lines.

All work shall be performed in accordance with all local codes and regulatory agencies. Their requirements must take precedence over those shown and field adjustments made accordingly. Contractor shall verify all conditions and dimensions. Any discrepancy shall be reported to the owner immediately and corrected with the work. The contractor shall assume responsibility for any errors that are not reported.

TRI-STEEL HOMES provides the primary and secondary structural elements of the framing system only, as detailed/described in TRI-STEEL HOMES' HOME PRODUCT MANUAL. TRI-STEEL HOMES does not provide any framing or finish materials for masonry, masonry openings, or other related items. The design and construction of such stair structures must be provided by the contractor as necessary to satisfy Local/Governing Building Codes/Authority.

TRI-STEEL HOMES does not provide any framing or finish materials for fireplaces, chimneys, hearths or any other fireplace related items. The design and construction of fireplaces must be provided by the contractor as necessary to satisfy Local/Governing Building Codes/Authority.

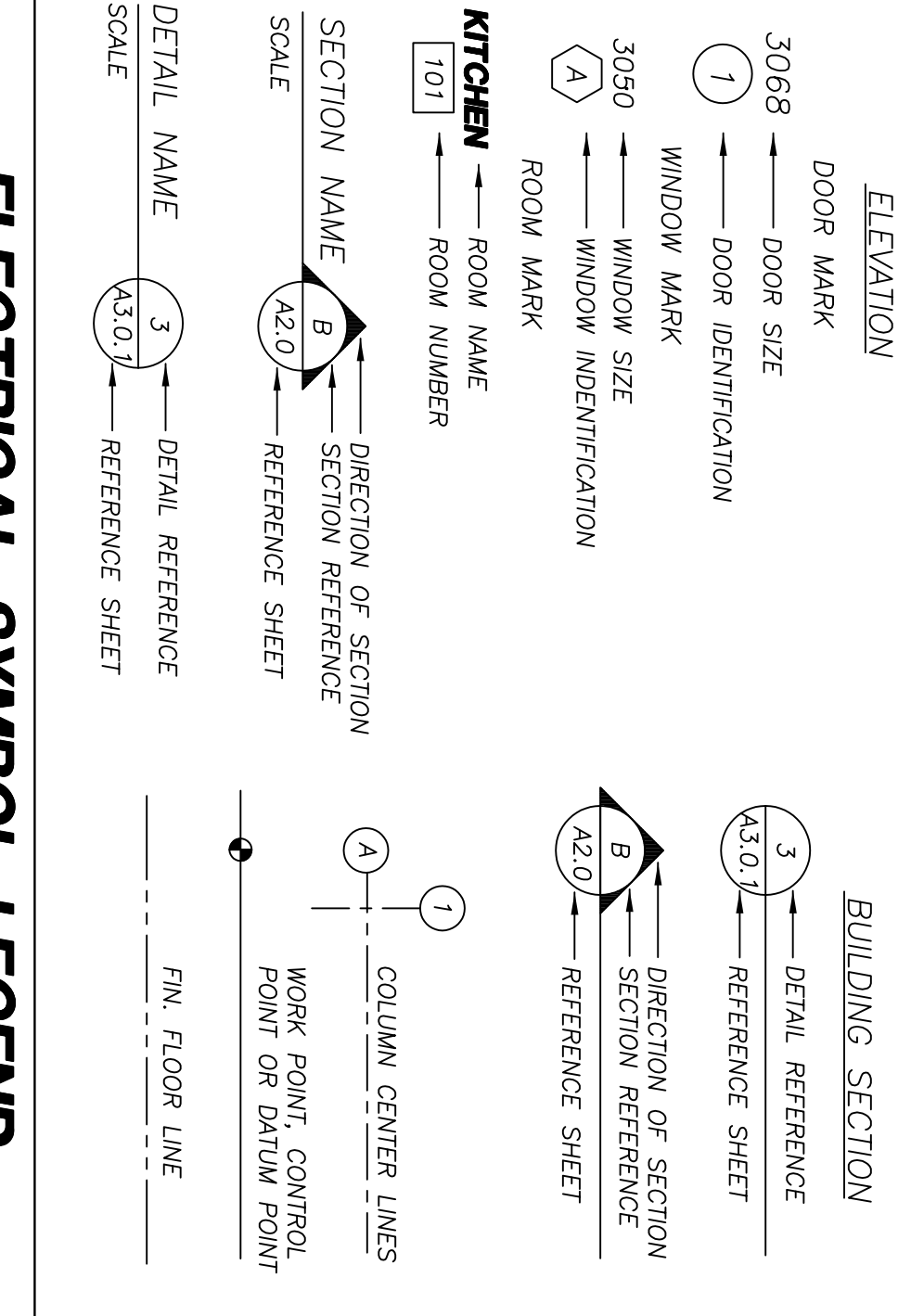
TRI-STEEL HOMES does not provide any framing or finish materials for interior trimwork, or casework items, cabinets, hardware or any other cabinetry related items. The design and construction of built-in's must be provided by the contractor as necessary. All tie requirements to be provided as necessary to comply with applicable code requirements. The specific size and number of ties required to comply with applicable codes to be determined by the contractor and verified with local building officials prior to construction.

The contractor must provide safety glazing as necessary to comply with Local/Governing Building Codes. The contractor must verify applicable code requirements and safety glazing locations prior to construction.

The contractor must provide any additional drawings, calculations and/or specification for any structural steel, masonry, or plumbing items which may be required for permitting and/or construction. Energy calculations must be provided by others as required by Local/Governing Codes/Authority.

FOUNDATION DESIGN TO BE PROVIDED BY OTHERS PER LOCAL SOIL CONDITIONS AND AREA BUILDING PRACTICES.

SYMBOL LEGEND



STRUCTURAL NOTES

- STRUCTURAL STEEL
 - Cold formed steel structural members and panels shall be designed in accordance with the AISI Specifications for the Design of Cold Formed Steel Structural Members, 1989 Edition, in accordance with the AISI "Specifications for the Design, Fabrication and Erection of Structural Steel for Buildings", 1989 Edition.
 - Cold formed structural steel members and pieces shall be of the sizes and shapes noted on the drawings and shall conform to ASTM A570 Grade 50 with minimum yield strength 50 ksi.
 - Structural members, plates, etc. greater than 1/8 inches in thickness shall conform to ASTM A572 GRADE 50 with minimum yield strength of 50 ksi.
 - Structural tubing shall conform to ASTM A500 Grade B with minimum yield strength of 46 ksi.
 - Roof purlins and interior furring strips shall be of the sizes indicated on the drawings and shall be hot shaped sections manufactured from sheet steel conforming to ASTM A446 Grade A with minimum yield strength of 33 ksi. Galvanizing shall conform to ASTM A525 coating class G60.
 - Non load bearing steel studs and floor joists shall be as noted on the drawings and shall conform to ASTM A525 with minimum yield strength of 33 ksi. Galvanizing shall conform to ASTM A 525 coating class G60.
 - Steel panels shall be of the configuration noted on the drawings and shall be manufactured from steel sheet conforming to ASTM A446 grade E with minimum yield strength of 80 ksi. Sheets shall be coated with .55 oz./sq.ft. galvalume.
- CONNECTIONS:**
- Welded connections shall conform to the latest revised Specification of the American Welding Society.
 - Bolts and bolted connections shall conform to the requirements of the "Specifications for Structural Joints" using ASTM A325 or A490 Bolts.
 - All self-drilling self-tapping screws shall conform to S.S.A. Standard B18.6 and shall have 1/2" thread and 1/4" hole. Washers shall be used with all screws. All screws shall be zinc plated or zinc plating.
 - Purlin to rafter connections and furring strip to ceiling beam and/or rafter connections shall be made with (2) #12 x 3/4 hex-head, self-drilling, self-tapping screws of each support.
 - All connections, plate sizes, bolts, etc. shall be as shown on the structural framing drawings.
 - Steel studs shall be fastened at each flange at the top and bottom tracks with #8 x 1/2" self-drilling, self-tapping panhead screws. Sheathing material shall be fastened to each side of each stud with #8-20 x 1-1/4" screws at 12 inches on center in the field and 6 inches on center at the edges.
- SHEATHING/DECKING:**
- Wall and roof sheathing must be installed as shown. Omitting such material voids the structural design of the home. Materials substituted for those shown Any and all wall and/or roof sheathing material omissions and/or substitutions must receive the express written consent of Tri-Steel Homes. Tri-Steel Homes shall not be responsible for the structural integrity of units constructed in variance with these plans and specifications.
 - Where indicated as "APA APPROVED" in these drawings, wall sheathing shall be a minimum 1/2" thick. Exposure 1. Span rated 24/16 bearing on APA approved stomp. Veneered plywood, if used, shall be a minimum C-D, Group 1 with the same rating as stated above. Fasten roof sheathing to framing members with #8-20 x 1-1/4" long self-drilling screws spaced at 12" oc in field of plywood sheets and 6" oc at seams and edges of plywood sheet.
 - Where indicated as "APA APPROVED" in these drawings, roof sheathing shall be a minimum 1/2" thick. Exposure 1. Span rated 24/16 bearing on APA approved stomp. Veneered plywood, if used, shall be a minimum C-D, Group 1 with the same rating as stated above. Fasten roof sheathing to framing members with #8-20 x 1-1/4" long self-drilling screws spaced at 12" oc in field of plywood sheets and 6" oc at seams and edges of plywood sheet.
 - Where indicated as "APA APPROVED" in these drawings, floor decking shall be 3/4" APA RATED STUB-1-FLOOR for maximum joist spacing of 20" oc, tongue and groove. Decking shall be glued to joists using adhesives conforming to APA SPECIFICATIONS AFG-01. Fasten floor decking to joists using #8-18 x 1-15/16" long self-drilling at 12" oc in field of plywood sheet and 6" oc at edges

GENERAL NOTES

- General contractor shall verify the size and location of all mechanical and electrical openings and make provisions for floor slab ups, sleeves or contents prior to construction.
- General contractor shall verify all dimensions, coordinate finish materials selected, if different from that shown on architectural drawings and the structural drawings prior to construction.
- Interior dimensions shown are to the face of studs unless otherwise noted. General contractor to verify these dimensions and coordinate with size and type of studs selected (wood/metal) and finish materials used (eg. paneling, brick, stone veneer, etc.).
- Exterior dimensions shown for door and window openings are to the centerline of opening. General contractor to verify these dimensions and coordinate with actual size and type of doors and windows selected.
- General contractor shall study the Erection Manual furnished by Tri-Steel Homes and become familiar with the erection procedures and construction details prior to construction.
- Any field modifications of a structural nature or use of finish materials that exceed the prescribed Live Load and Dead Load shall be reviewed and authorized by a structural engineer, and shall be the sole responsibility of the contractor. General contractor shall be responsible for the field changes for any steel modification not shown on the drawings.
- Tri-Steel Homes listed's sole responsibility is to supply materials in accordance with the contract documents so that a structurally adequate framing system may be constructed. No inspection or supervision of the project is implied or forthcoming.
- All permits, licenses and seals shall be the sole responsibility of the Builder/Developer - General Contractor. Tri-Steel Homes listed is held harmless in all respects in the acquisition of the aforementioned.
- All materials covered in these General Notes are not necessarily used on a specific Tri-Steel Homes model. Materials required are as per the architectural and structural drawings.
- Approval of the Flood Plain Management of the Environmental Development Division, County Engineer Facilities/Flood Control District may be required.
- Garage/Carport walls less than 3'-0" from property line shall have 1 hour exterior protection with no openings.
- Dimensions when shown, take precedence over using scale on prints.
- Tri-Steel Homes listed, reserves the right to change or modify its products or prints to improve the product. It will be the responsibility of the purchaser to assure that this print set is the proper documentation for a specific home purchased from Tri-Steel Homes listed.
- Tri-Steel Homes Sales or Design Services Division. Tri-Steel Homes listed will not be responsible for differences between prints and products if this written confirmation is not made.
- All construction shall be in full compliance with applicable Federal, State and Local Codes & Ordinances.
- Refer to Bill of Materials for list of items furnished by Tri-Steel Homes listed.
- These drawings, plans and contents represent proprietary material and are not to be copied, reproduced or utilized without the expressed written consent of Tri-Steel Homes listed. ©2003 All Rights Reserved

MECHANICAL NOTES

- Mechanical Contractor shall provide any required drawings and calculations, etc. of heating and air conditioning systems for permits.
 - All work shall conform to governing building code of the project location.
 - Provide fire dampers for all heating ducts penetrating fire walls.
 - Provide approved vents for all gas appliances and an approved gas shut-off valve conspicuously marked at outside of building.
- # ELECTRICAL NOTES
- Contractor shall provide any required line diagrams, load calculations, etc. for permits.
 - The Electrical Contractor shall verify existing site conditions, service requirements and exact locations of service facilities.
 - The Electrical Contractor shall check with other trades for the location of equipment which requires any hook-up, disconnect switches, relays, etc. prior to any start of work.
 - The Electrical Contractor shall verify with the mechanical contractor for control wiring diagrams, exact location and size of equipment.
 - All electrical installations shall comply with the approved edition of the local electrical codes as amended and adopted.

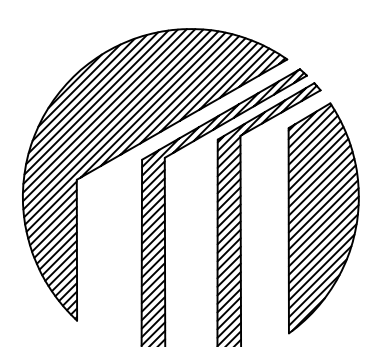
SHEET INDEX

A0.0	COVER SHEET
N1.0	GENERAL NOTES AND INDEX SHEET
A1.1	FLOOR PLAN AND SCHEDULES
A1.4	ROOF PLAN
A2.0	EXTERIOR ELEVATIONS FRONT & REAR VIEWS
A2.1	EXTERIOR ELEVATIONS RIGHT & LEFT VIEWS
E1.1	ELECTRICAL PLAN
SN1.0	STRUCTURAL NOTES
S1.0	ANCHOR BOLT PLAN
S1.1	ANCHOR BOLT DETAILS
S1.2	WALL SECTIONS
S1.3	ARCHITECTURAL DETAILS
S2.0	ROOF FRAMING PLAN
S3.0	FRAME ELEVATIONS
S3.1	FRAME ELEVATIONS
S4.0	STRUCTURAL DETAILS

TRI-STEEL HOMES

5400 SOUTH STEMMONS FREEWAY CORINTH, TEXAS 76205

RESIDENCE FOR CLYDE WILKERSON



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GENERAL NOTES & SHEET INDEX
Page:

N1.0

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P.O.#: E032-ST

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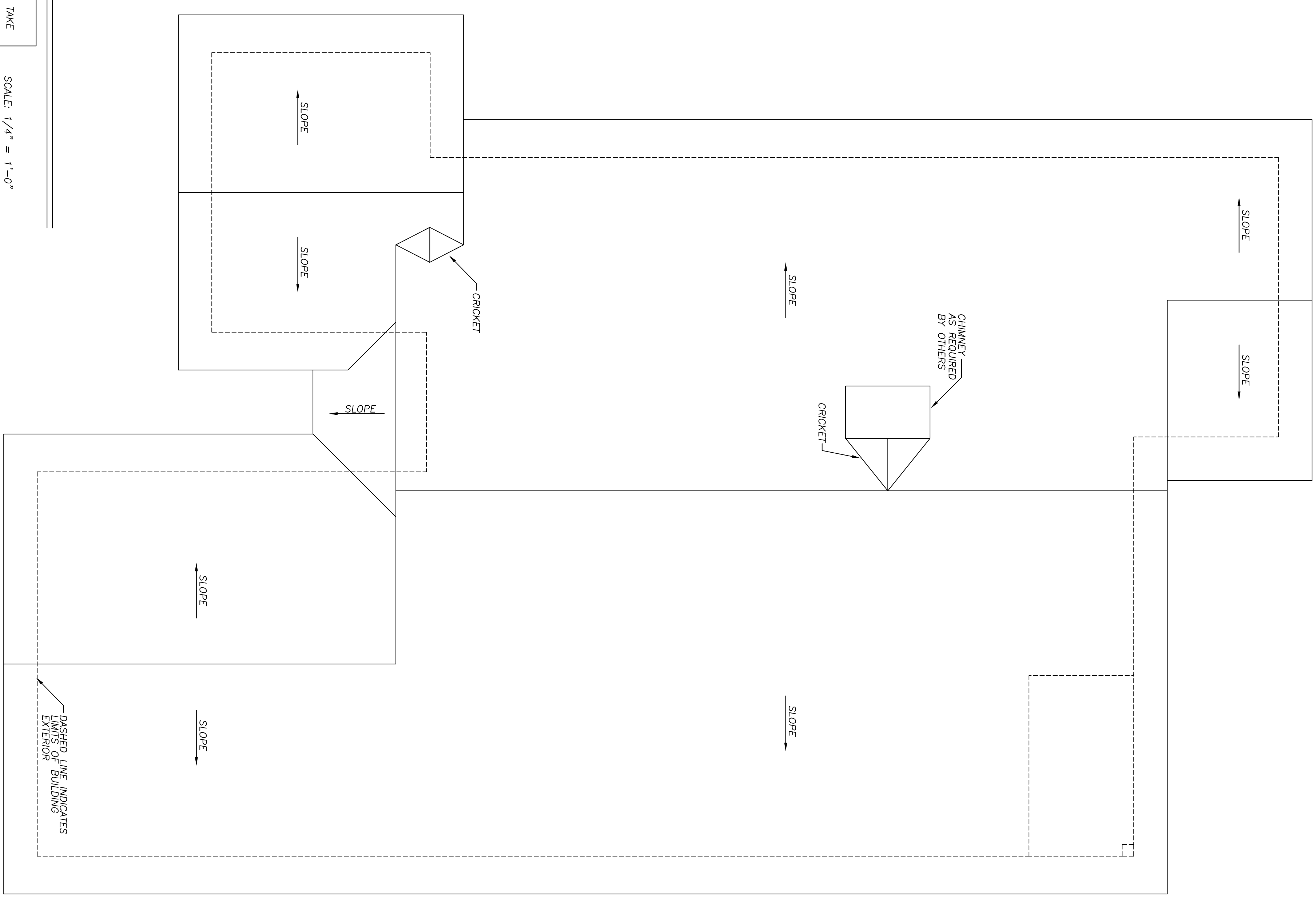
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ROOF PLAN

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



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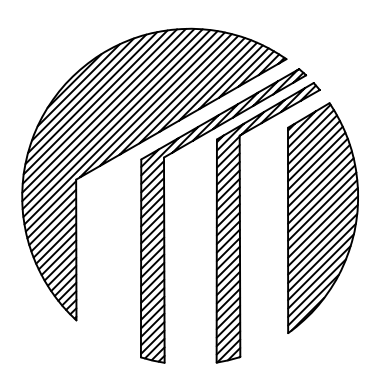
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TRI-STEEL HOMES

5400 SOUTH STEMMONS FREEWAY CORINTH, TEXAS 76205

RESIDENCE FOR CLYDE WILKERSON



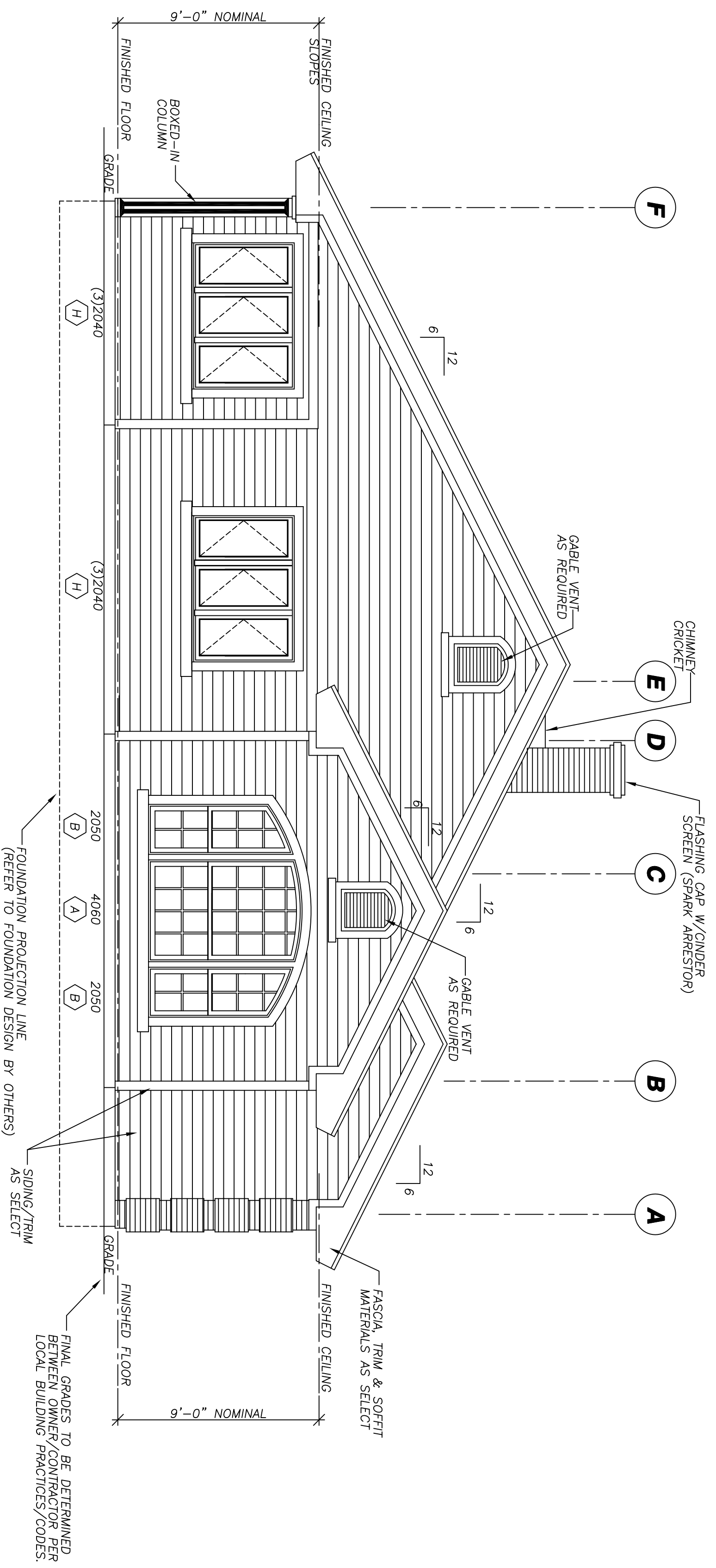
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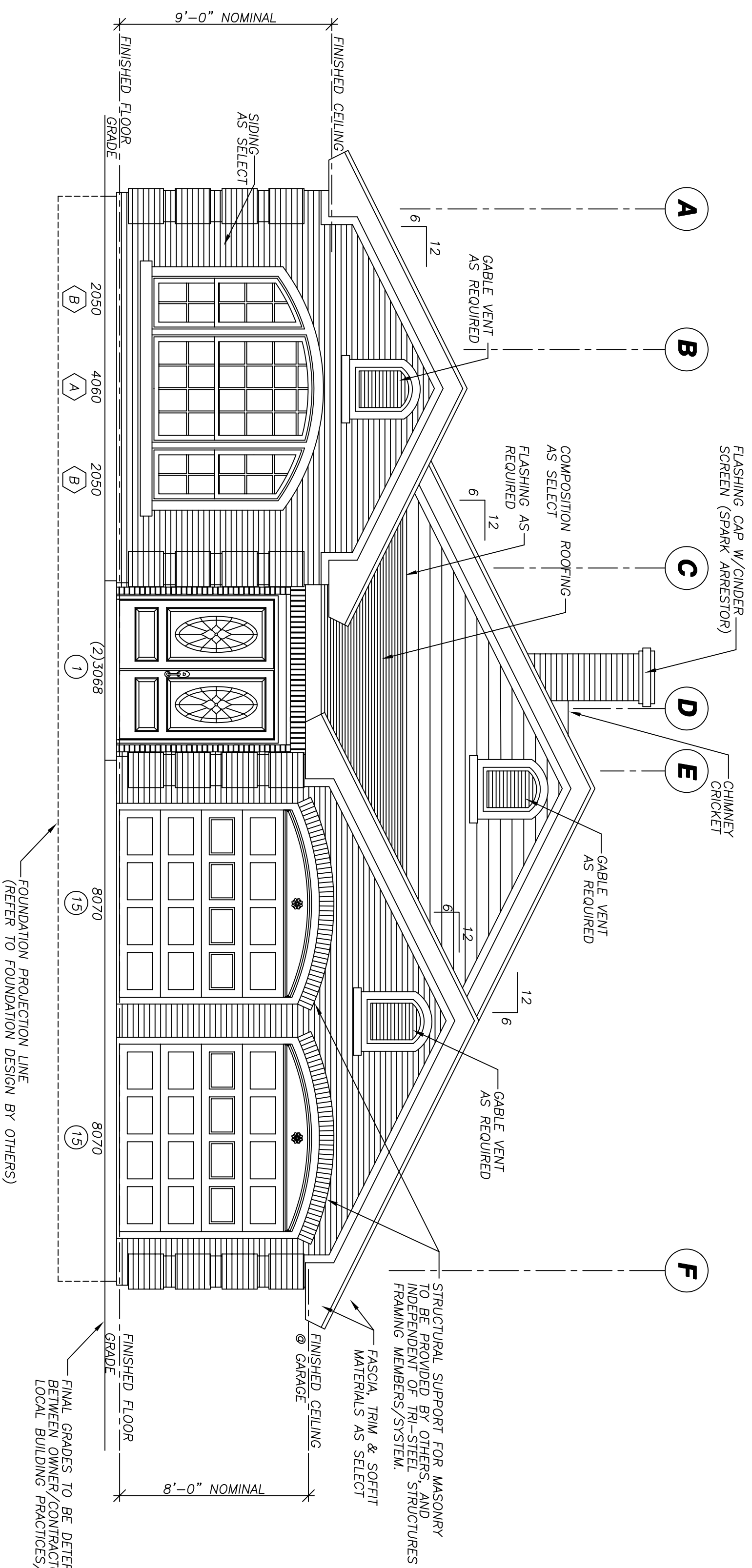
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REAR VIEW

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FRONT VIEW

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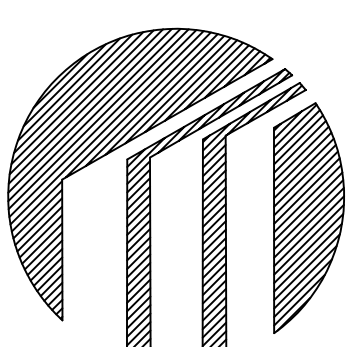
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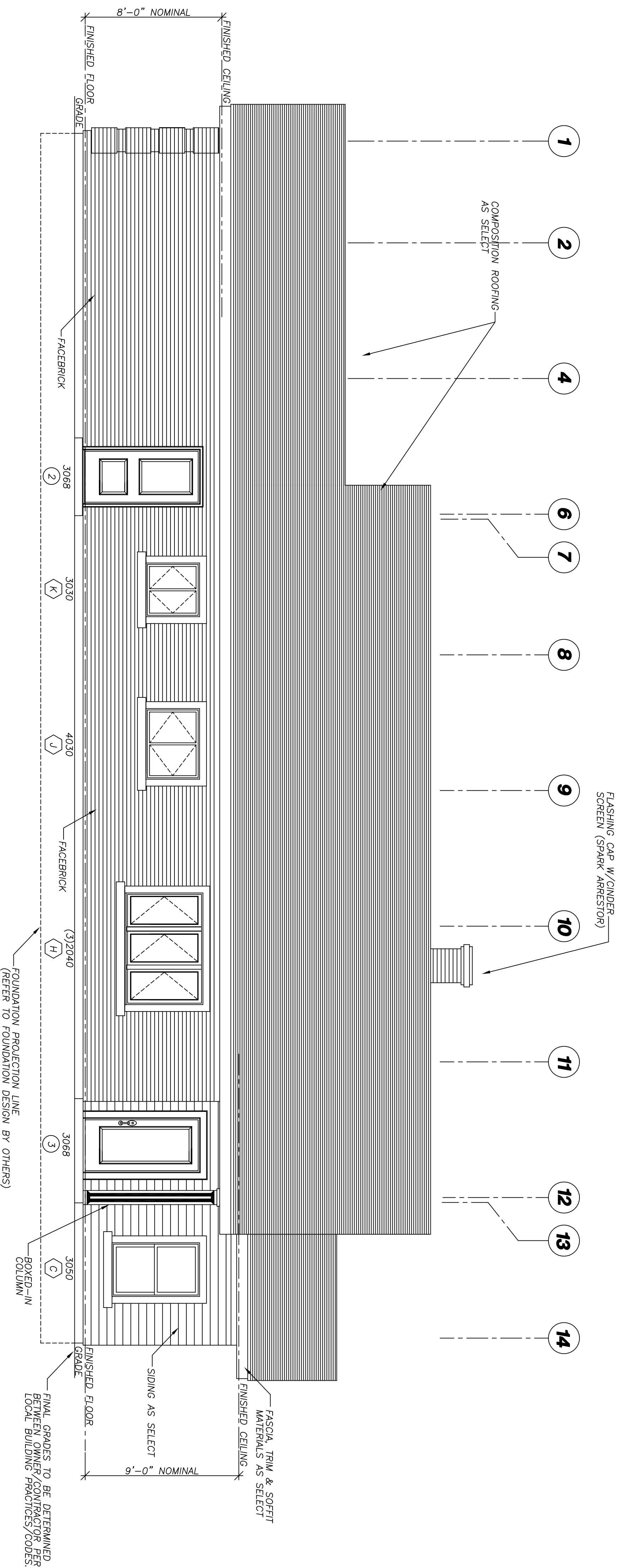
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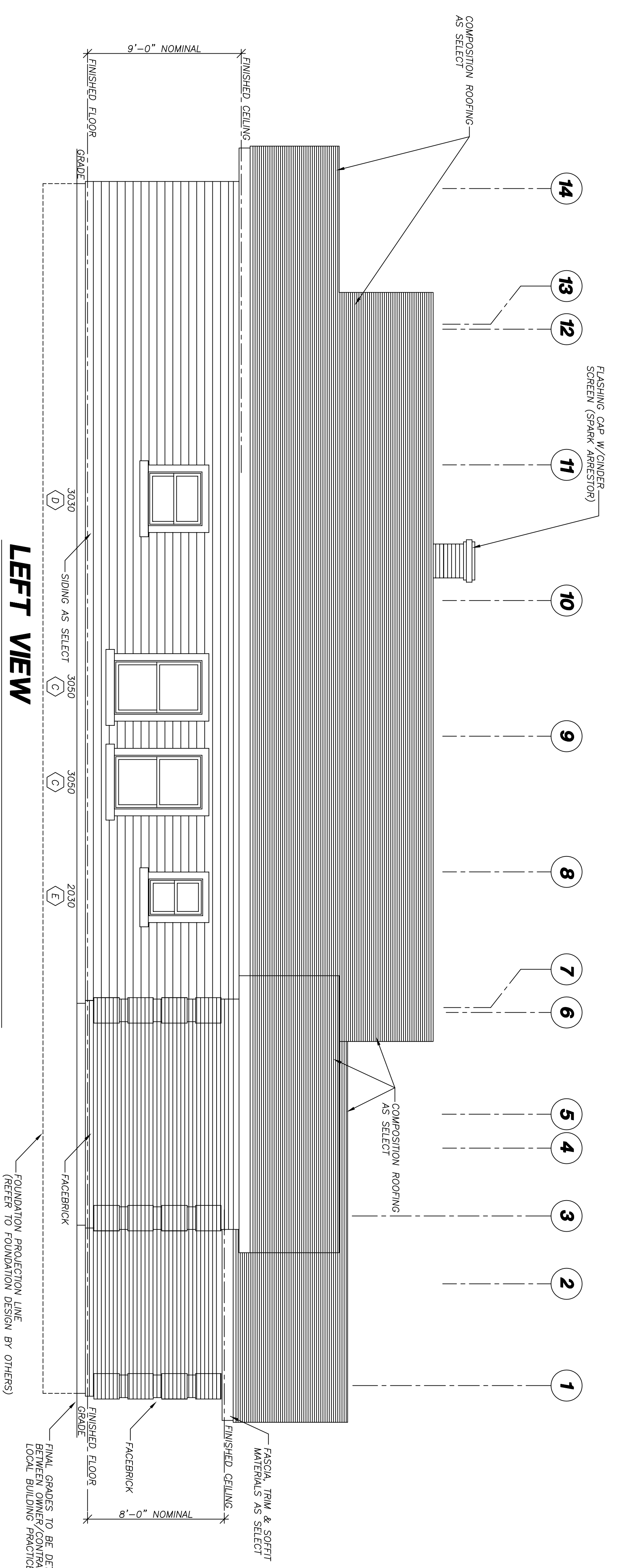
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RIGHT VIEW

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LEFT VIEW

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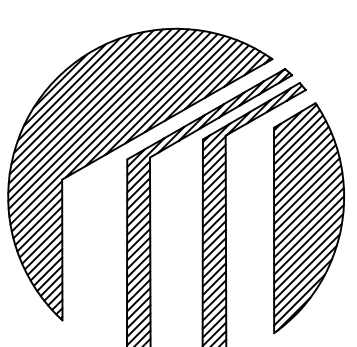
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Model: SARATOGA
PO#: E032-ST

SEAL

PLUMBING FIXTURE SCHEDULE

ITEM	MINIMUM CONNECTIONS			DESCRIPTION	
	S.S.	V.	C.M. H.W.		
WATER CLOSET	4"	3"	1/2"	N.A.	FLOOR MOUNTED FLUSH TANK COMPLETE W/ FLUIDMASTER KIT, SEAT, COVER, BOLT CAPS AND CUT-OFF VALVES.
LAVATORY	1-1/4"	1-1/4"	3/8"	3/8"	SELF-RIM VITREOUS CHINA COMPLETE W/ ALL TRIM, FIXTURES, POP-UP WASTE, AND CUT-OFF VALVES.
SHOWER	2"	1-1/2"	3/8"	3/8"	GLASS FIBER REINFORCED UNIT W/ ALL TRIM, FITTINGS AND MOULDED-IN SOAP HOLDER.
TUB	2"	1-1/2"	3/8"	3/8"	GLASS FIBER REINFORCED UNIT W/ ALL TRIM, FITTINGS, GRAB BAR, POP-UP WASTE, OVERFLOW AND MOULDED-IN SOAP HOLDER.
SINK	1-1/2"	1-1/2"	3/8"	3/8"	33" X 22" SELF-RIM STAINLESS STEEL W/ ALL TRIM, FITTINGS, STRAINER, CROWB CUP AND CUT-OFF VALVE.
WATER HEATER	3/4"	N.A.	3/4"	3/4"	50 GAL. ELEC. LOW-BOY W/ DUAL 4.5 K.W. ELEMENTS, 1/2" RELIEF VALVE, POP-OFF DRAIN TO RIN TO OUTSIDE.
WASHER CONNECTION	2"	N.A.	3/4"	3/4"	PREMULDED PLASTIC RECESSED BOX COMPLETE W/ ALL TRIM AND FITTINGS.

MECHANICAL NOTES:

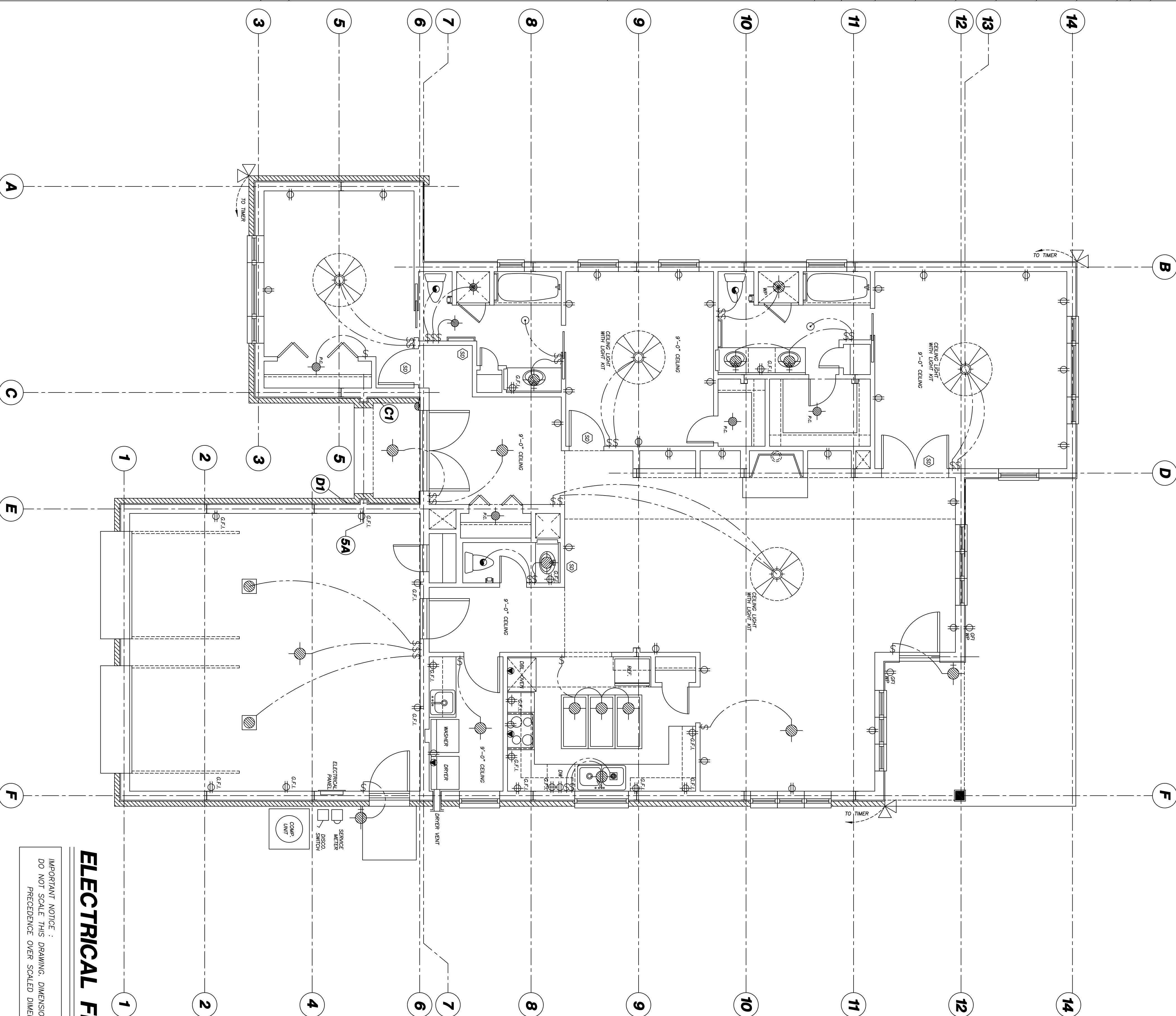
- MECHANICAL CONTRACTOR SHALL PROVIDE ANY REQUIRED DRAWINGS AND CALCULATIONS, ETC. OF HEATING AND AIR CONDITIONING SYSTEMS FOR PERMITS.
- ALL WORK IN THIS SECTION SHALL CONFORM TO THE GOVERNING BUILDING CODES AT THE PROJECT LOCATION.
- PROVIDE FIRE DAMPERS FOR ALL HEATING DUCTS PENETRATING FIRE WALL.
- PROVIDE APPROVED VENTS FOR ALL GAS APPLIANCES.
- PROVIDE AN APPROVED GAS SHUT-OFF VALVE CONSPICUOUSLY MARKED AT OUTSIDE OF BUILDING.
- REFER TO MECHANICAL DRAWINGS.

ELECTRICAL NOTES

- CONTRACTOR SHALL PROVIDE ANY REQUIRED LINE DIAGRAMS, DRAWINGS, LOAD CALCULATIONS, ETC. FOR PERMITS.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS, SERVICE REQUIREMENTS AND EXACT LOCATIONS OF SERVICE FACILITIES.
- THE ELECTRICAL CONTRACTOR SHALL CHECK WITH OTHER TRADES FOR THE LOCATION OF EQUIPMENT WHICH REQUIRES ANY HOOK-UP, DISCONNECT SWITCHES, ETC. PRIOR TO ANY START OF WORK.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY WITH THE MECHANICAL DRAWINGS FOR CONTROL WIRING DIAGRAMS, EXACT LOCATION AND SIZE OF EQUIPMENT.
- LOCATIONS SHOWN ON ARCHITECTURAL DRAWINGS TAKE PRECEDENCE OVER ELECTRICAL DRAWINGS.
- ALL ELECTRICAL INSTALLATIONS SHALL COMPLY WITH THE APPROVED EDITION OF THE LOCAL ELECTRICAL CODES AS AMENDED AND ADOPTED.

ELECTRICAL SYMBOL LEGEND

	DUPLEX CONVENIENCE OUTLET		CEILING MOUNTED LIGHT
	SWITCH-CONTROLLED OUTLET		LIGHT W/ PULL CHAIN
	WEATHERPROOF OUTLET		HANGING LIGHT
	OUTLET ABOVE COUNTER		WALL MOUNTED LIGHT
	JUNCTION BOX		SMOKE DETECTOR
	SPECIAL LOAD OUTLET		TELEPHONE JACK
	TOGGLE SWITCH		GARBAGE DISPOSAL UNIT
	THREE-WAY SWITCH		RECESSED CEILING LIGHT
	GROUND FAULT INTERRUPTER		SPOT LIGHT
	HEATER		SECURITY LIGHTS
	EXHAUST FAN		ELECTRICAL PANEL
	TELEVISION/CABLE OUTLET		



ELECTRICAL FLOOR PLAN

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PRECEDENCE OVER SCALED DIMENSIONS.

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

- ** NOTES:**
- ALL SMOKE DETECTORS TO HARD-WIRED WITH BATTERY BACK-UP
 - TYPE AND LOCATION OF ALL ELECTRICAL WORK TO BE VERIFIED WITH ARCHITECTOR PRIOR TO CONSTRUCTION

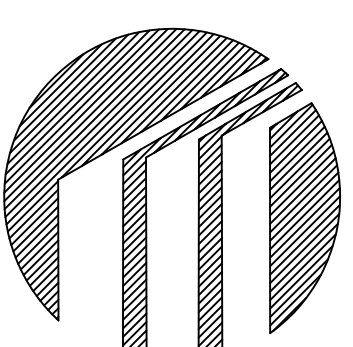
TRI-STEEL HOMES

5400 SOUTH STEMMONS FREEWAY CORINTH, TEXAS 76205

RESIDENCE FOR CLYDE WILKERSON

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Job Name: CLYDE WILKERSON
LAURL ST
PENSACOLA FL 32505
Job Number: E032-ST



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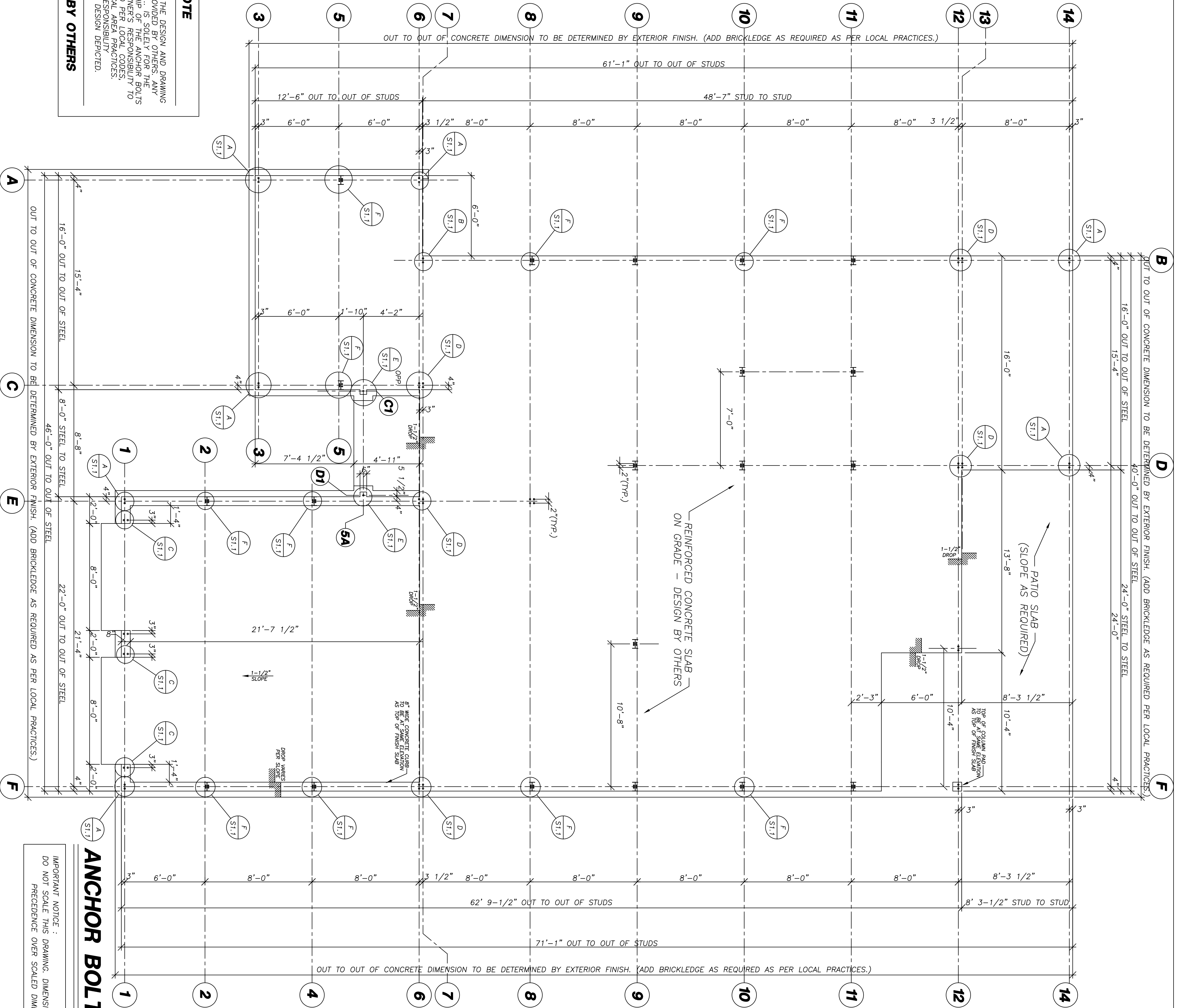
Model: SARATOGA
P.O.#: E032-ST

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PROJECT NOTE

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FOUNDATION DESIGN BY OTHERS

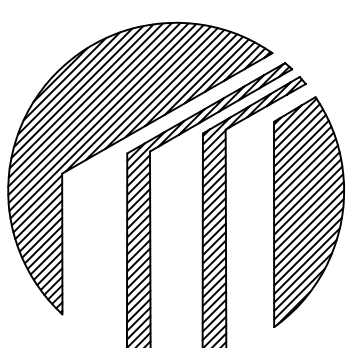


ANCHOR BOLT PLAN

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

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TRI-STEEL HOMES

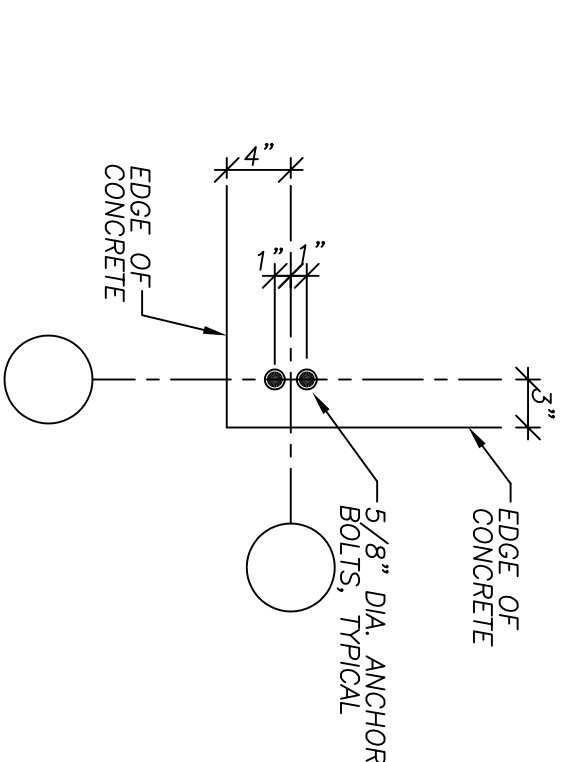
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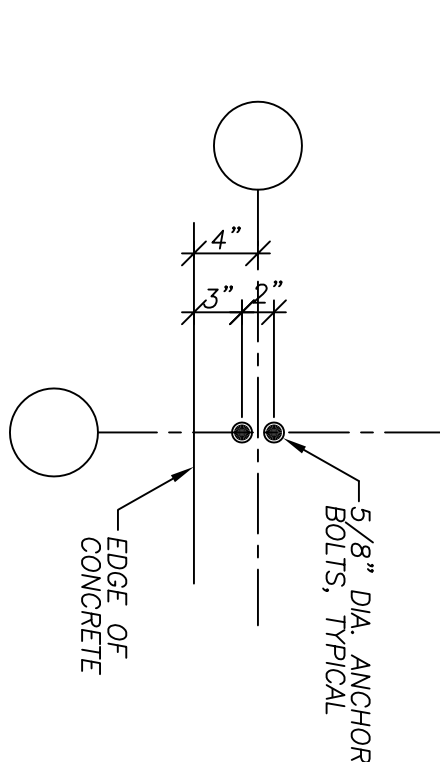
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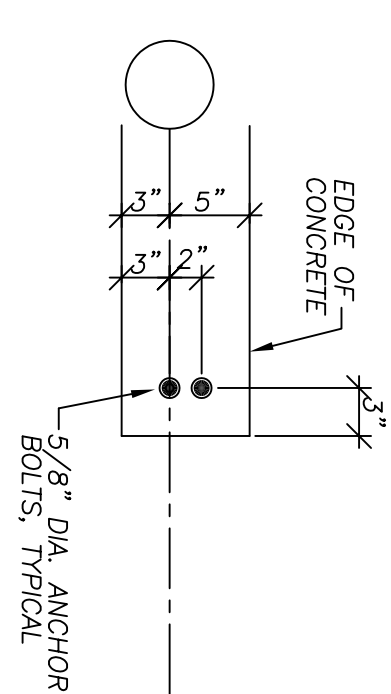
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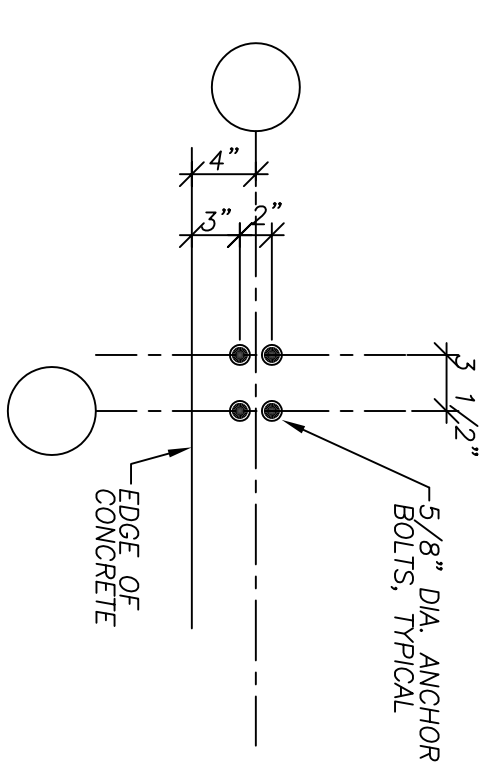
A CORNER BOLT PATTERN
ST.1 SCALE 1" = 1'-0"



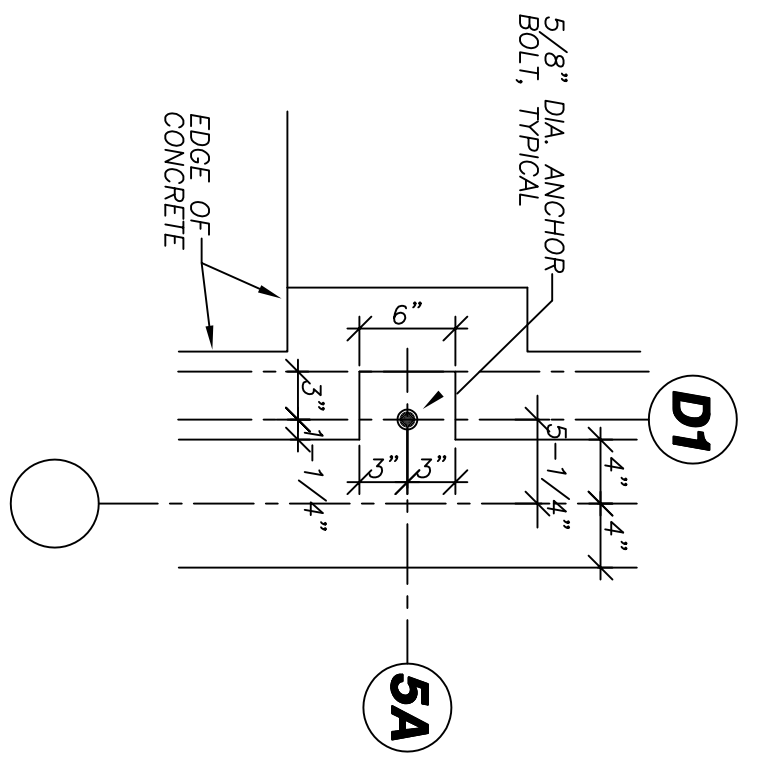
B SIDEWALL BOLT PATTERN
ST.1 SCALE 1" = 1'-0"



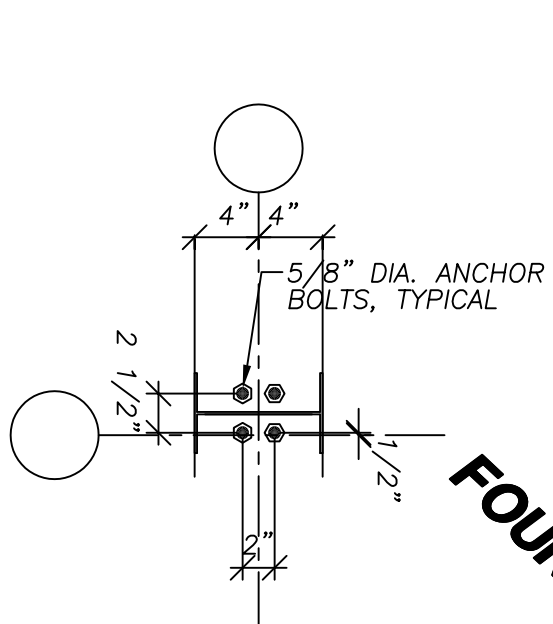
C GARAGE JAMB ANCHOR BOLT PATTERN
ST.1 SCALE 1" = 1'-0"



D SIDEWALL BOLT PATTERN
ST.1 SCALE 1" = 1'-0"

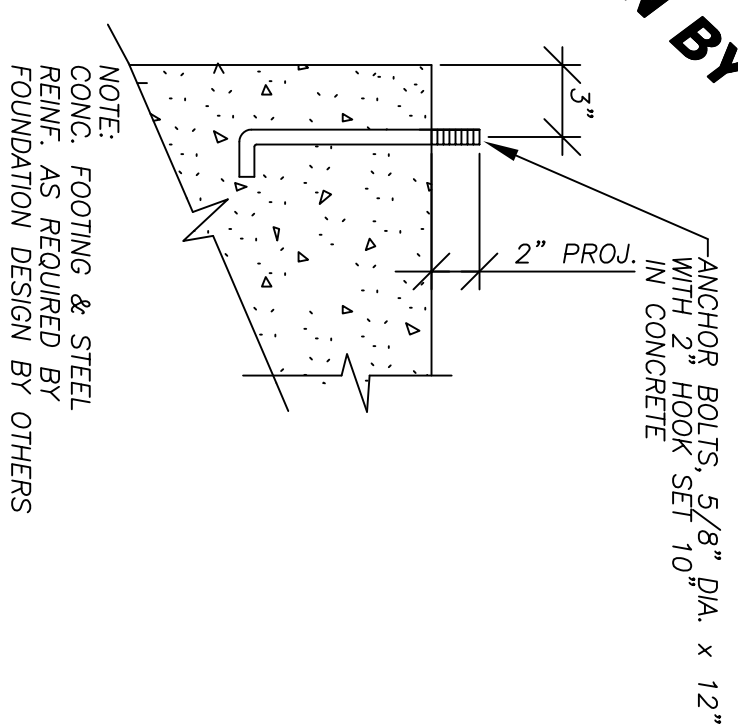


E PORCH BOLT PATTERN
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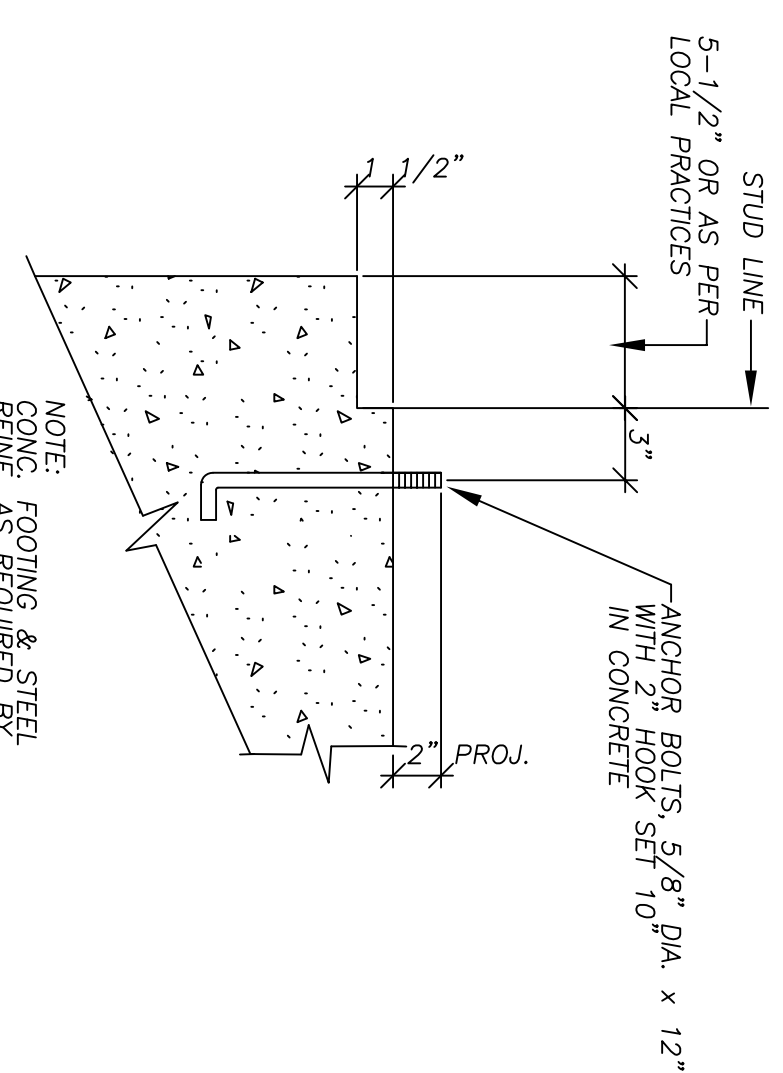


F PACO OFFSET BOLT PATTERN
ST.1.0 SCALE 1" = 1'-0"

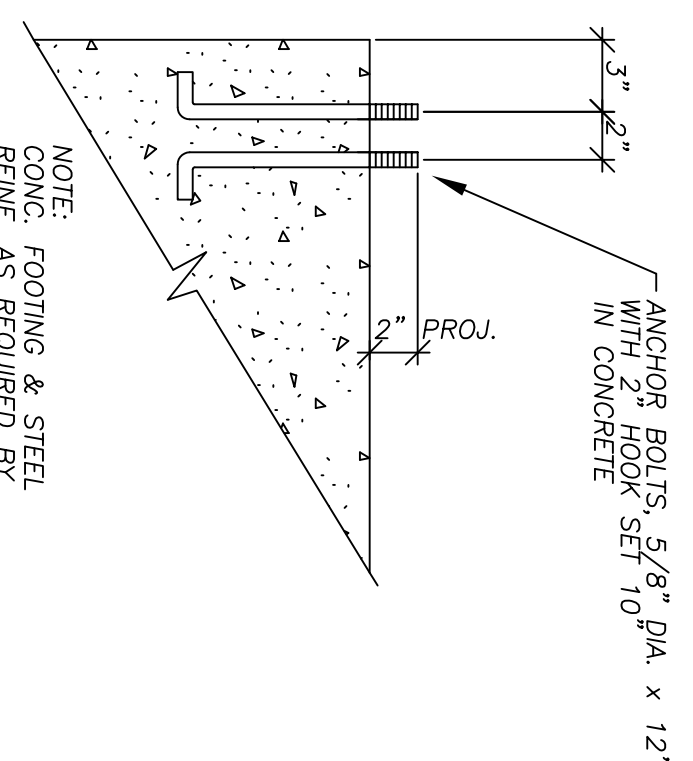
FOUNDATION DESIGN BY OTHERS



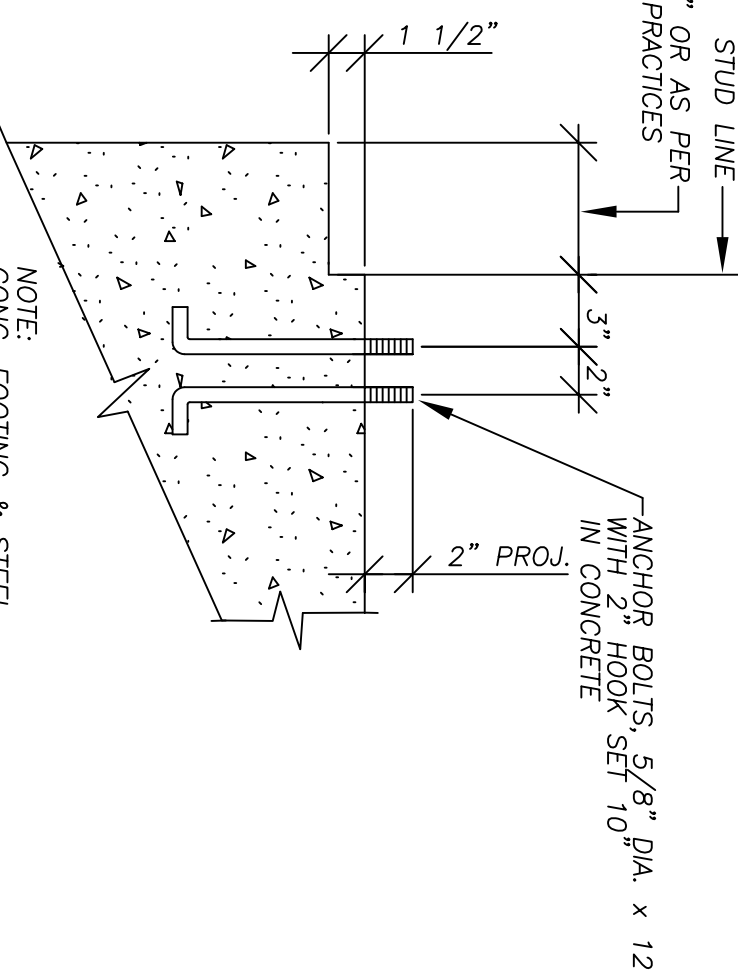
1 ENDWALL WITH SIDING
SCALE 1 1/2" = 1'-0"



2 ENDWALL WITH BRICK
SCALE 1 1/2" = 1'-0"

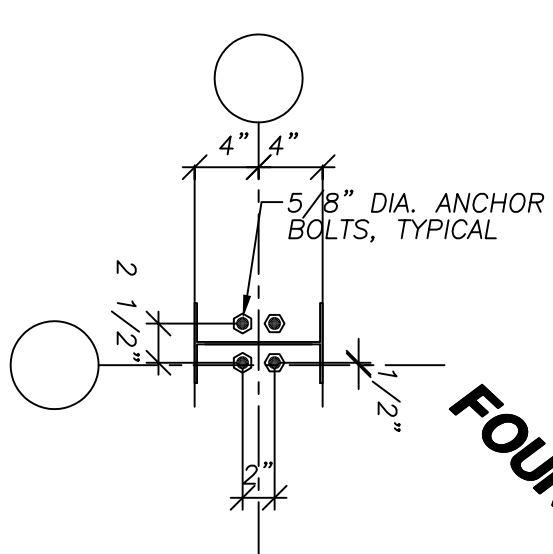


3 SIDEWALL WITH SIDING
SCALE 1 1/2" = 1'-0"



4 SIDEWALL WITH BRICK
SCALE 1 1/2" = 1'-0"

FOUNDATION DESIGN BY OTHERS



5A

PROJECT NOTE

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FOUNDATION DESIGN BY OTHERS

- GENERAL NOTES**
- ALL CONCRETE WORK SHALL BE IN ACCORDANCE WITH A.C.I. 302 "RECOMMENDED PRACTICE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION" AND A.C.I. 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". REINFORCING BARS SHALL BE DETAILED IN ACCORDANCE WITH THE A. C. I. DETAILING MANUAL.
 - ALL FOUNDATIONS MUST BE DESIGNED TO SUSTAIN NO LESS THAN THE MAXIMUM APPLICABLE REACTIONS CAUSED BY THE APPROPRIATE LOADING COMBINATIONS. THE DESIGN SHOULD BE BASED ON LOCAL SOIL CONDITIONS, AND SHALL BE THE SOLE RESPONSIBILITY OF THE DESIGNER FOR THE ADEQUACY OF THE DESIGN. THE CONSTRUCTION OF THE FOUNDATION.
 - THIS ANCHOR BOLT PLAN IS NOT INTENDED TO REPLACE LOCAL CONSTRUCTION PROCEDURES. FINAL DESIGN MUST BE BASED ON LOCAL PRACTICES. CONSTRUCTION DETAILS CANNOT BE ASSUMED. RESPONSIBILITY FOR THE ADEQUACY OF DESIGN DEPICTED.
 - IF FROST WALLS ARE REQUIRED, EXTEND PERIMETER BEAMS DOWN BELOW FROST LINE, AS REQUIRED BY LOCAL BUILDING AUTHORITY.
 - FOUNDATION WALL LINE MUST BE TRUE TO DIMENSIONS SHOWN WITHIN 1/8", ANCHOR BOLT SETTING WITHIN 1/16".
 - ANCHOR BOLTS SHALL BE STANDARD HOOK TYPE A.S.T.M. A 307 OR EQUAL.
 - ALL ANCHOR BOLTS AND REINFORCING STEEL SHALL BE FURNISHED BY OWNER.
 - DRAWINGS ARE DIMENSIONED FROM OUTSIDE OF STUD LINE TO OUT SIDE OF STUD LINE. THE OVERALL OUT-TO-OUT DIMENSION OF THE SLAB WILL VARY WITH THE EXTERIOR FINISH MATERIAL USED. IT IS THE OWNER'S RESPONSIBILITY TO DETERMINE THE OVERALL DIMENSIONS BASED ON THE EXTERIOR MATERIAL SELECTED. REFER TO SUGGESTED FOUNDATION DETAILS.
 - DIMENSIONS, WHEN SHOWN, TAKE PREFERENCE OVER USING SCALE.
 - ALL ANCHOR BOLTS SET AT ASSUMED FINISHED SLAB ELEV. 100'-0".
 - ALL STRUCTURAL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3,000 P.S.I. SLUMP, AND MAXIMUM AGGREGATE SIZE OF 3/4" HARDROCK.
 - REINFORCING STEEL SHALL CONFORM TO ASTM-A615 GRADE 60 EXCEPT STRIPPERS IN BEAMS.

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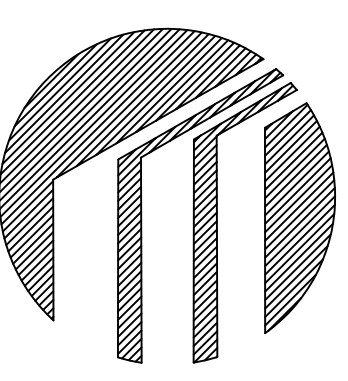
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RESIDENCE FOR CLYDE WILKERSON



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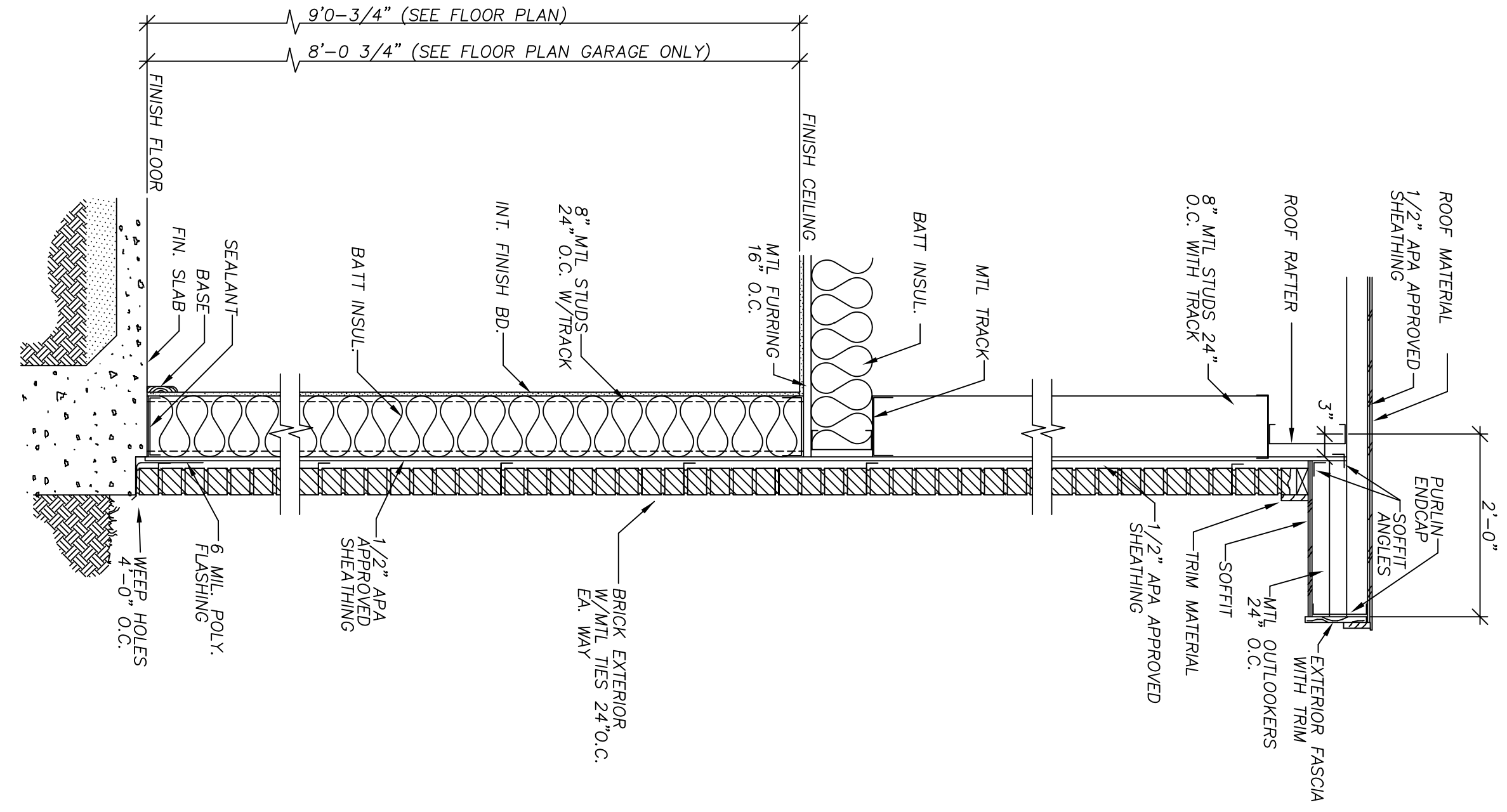
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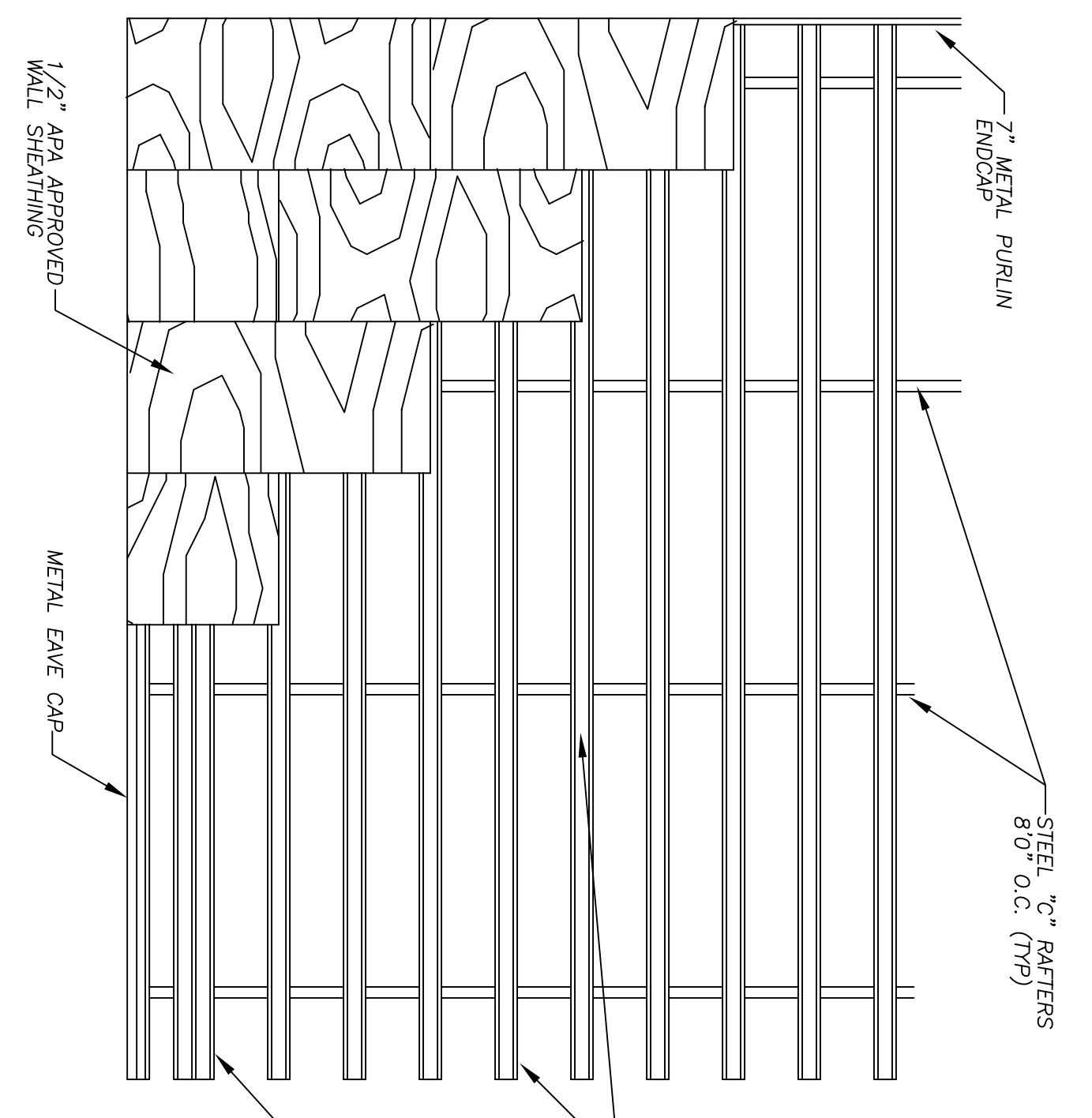
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PO#: E032-ST

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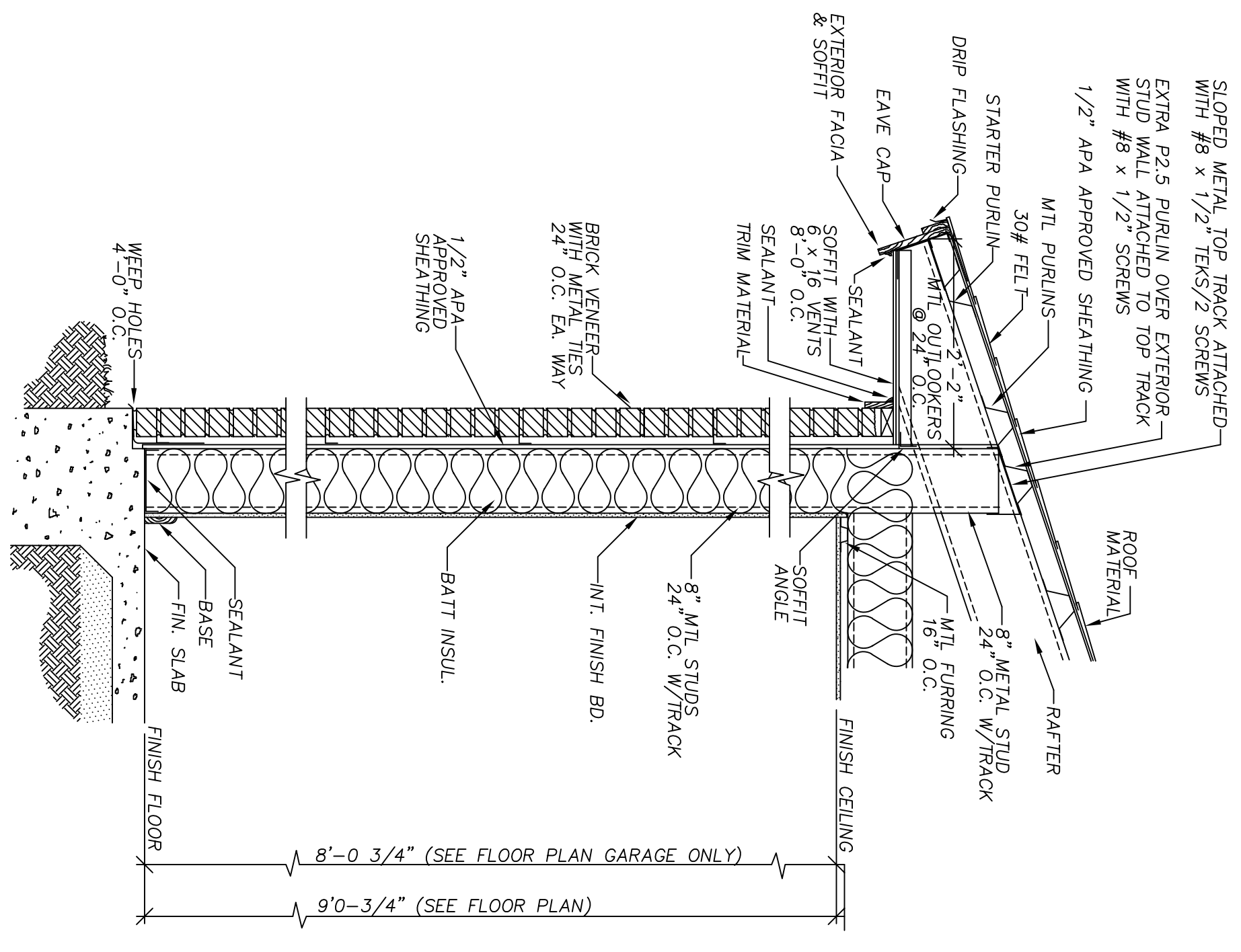
1. WALL AND ROOF SHEATHING* MUST BE INSTALLED AS SHOWN. OMITTING SUCH MATERIAL VIOLATES THE STRUCTURAL DESIGN OF THE HOME. MATERIALS SUBSTITUTED OR REPLACED MUST BE APPROVED BY THE ARCHITECT AND ALL WALL AND/OR ROOF SHEATHING MATERIAL OMISSIONS AND/OR SUBSTITUTIONS MUST RECEIVE THE EXPRESS WRITTEN CONSENT OF TRI-STEEL HOMES. TRI-STEEL HOMES SHALL NOT BE RESPONSIBLE FOR THE STRUCTURAL INTEGRITY OF UNITS CONSTRUCTED IN VARIANCE WITH THESE PLANS AND SPECIFICATIONS.
2. WHERE INDICATED AS "APA APPROVED" IN THESE DRAWINGS, WALL SHEATHING* SHALL BE A MINIMUM 7/16" THICK EXPOSURE 1, SPAN RATED 24/16 BEARING AN APA APPROVED STAMP AS STATED ABOVE. FASTEN WALL SHEATHING TO FRAMING MEMBERS WITH #8-20 x 1-1/4" LONG SELF-DRILLING SCREWS SPACED AT 12" O.C. IN FIELD OF PLYWOOD SHEETS AND 6" O.C. AT SEAMS AND EDGES OF PLYWOOD SHEET.
3. WHERE INDICATED AS "APA APPROVED" IN THESE DRAWINGS, "ROOF SHEATHING*" SHALL BE A MINIMUM 7/16" THICK EXPOSURE 1, SPAN RATED 24/16 BEARING AN APA APPROVED STAMP AS STATED ABOVE. FASTEN ROOF SHEATHING TO FRAMING MEMBERS WITH #8-20 x 1-1/4" LONG SELF-DRILLING SCREWS SPACED AT 12" O.C. IN FIELD OF PLYWOOD SHEETS AND 6" O.C. AT SEAMS AND EDGES OF PLYWOOD SHEET.
4. WHERE INDICATED AS "APA APPROVED" IN THESE DRAWINGS, "FLOOR DECKING*" SHALL BE 3/4" AP RATED STURD-FLOOR FOR MAXIMUM JOIST SPACING OF 20" O.C. TONGUE AND GROOVE DECKING SHALL BE GLUED TO JOISTS USING ADHESIVES CONFORMING TO APA SPECIFICATIONS AFG-01. FASTEN FLOOR DECKING TO JOISTS USING #8-18 x 1-15/16" LONG SELF-DRILLING AT 12" O.C. IN FIELD OF PLYWOOD SHEET AND 8" O.C. AT EDGES.



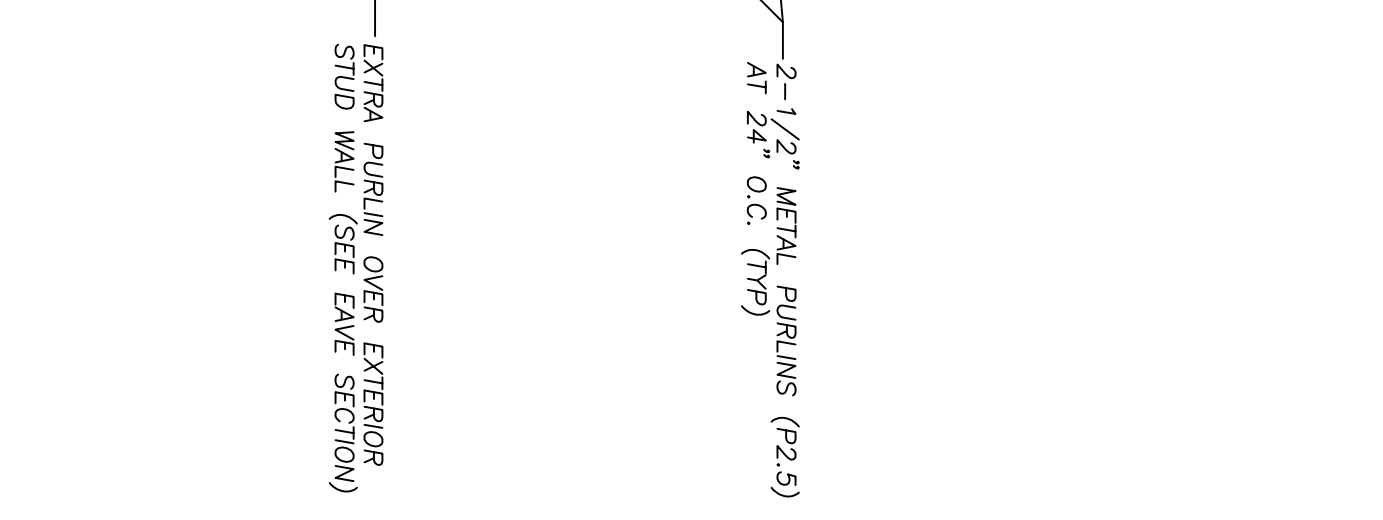
1 ENDWALL SECTION
SCALE: 3/4" = 1'-0"



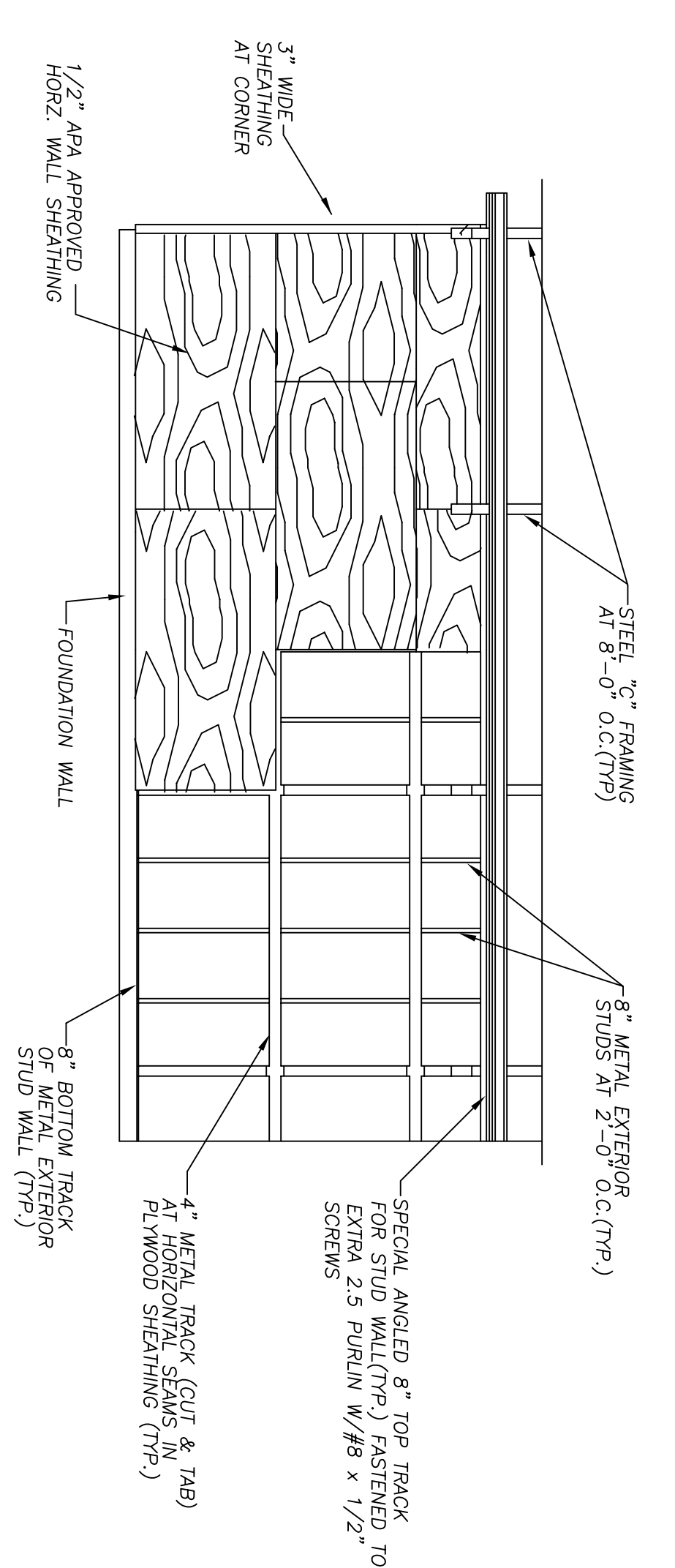
3 ROOF PANEL LAYOUT PATTERN
SCALE: 1/4" = 1'-0"



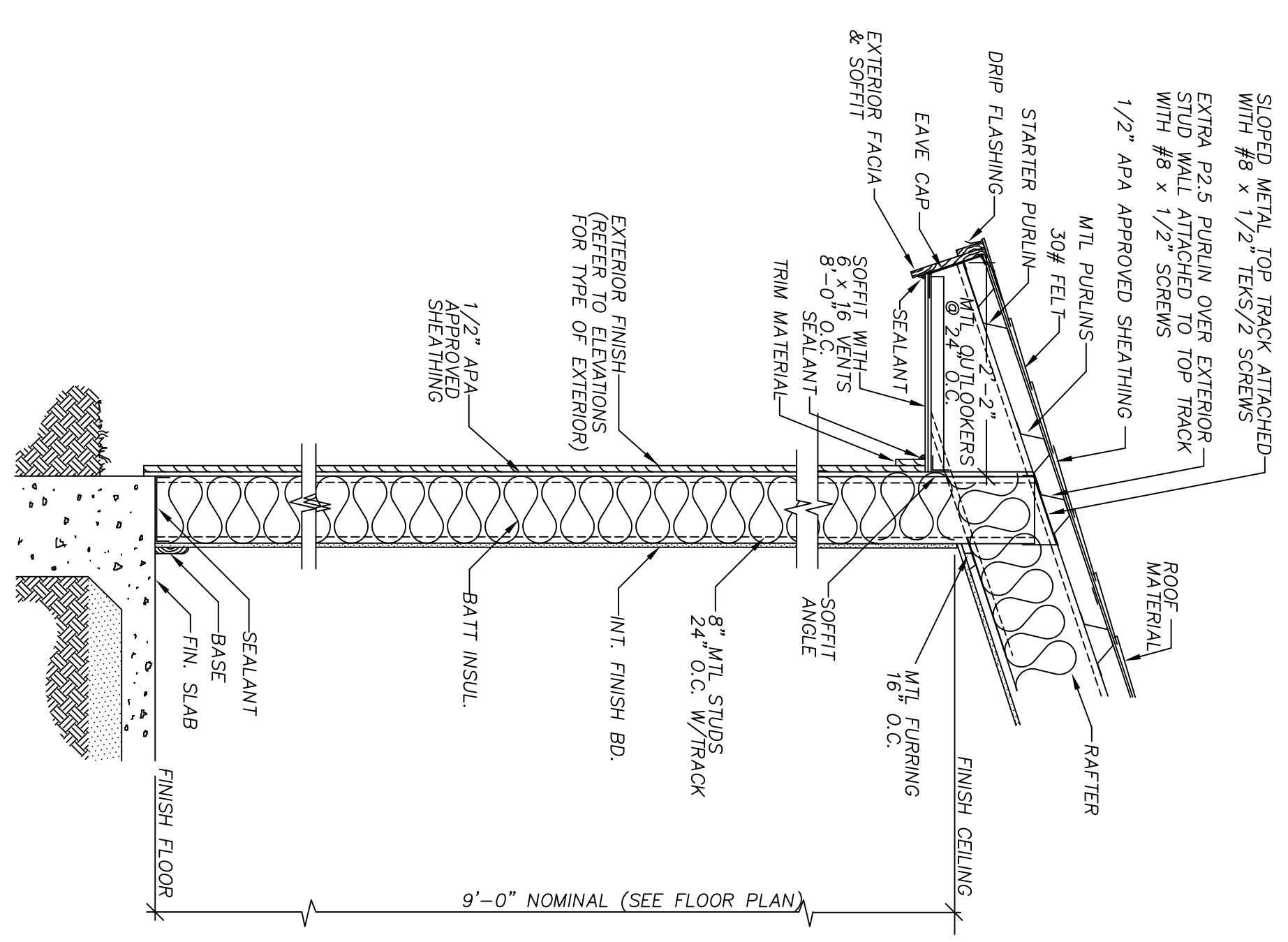
2 SIDEWALL SECTION
SCALE: 3/4" = 1'-0"



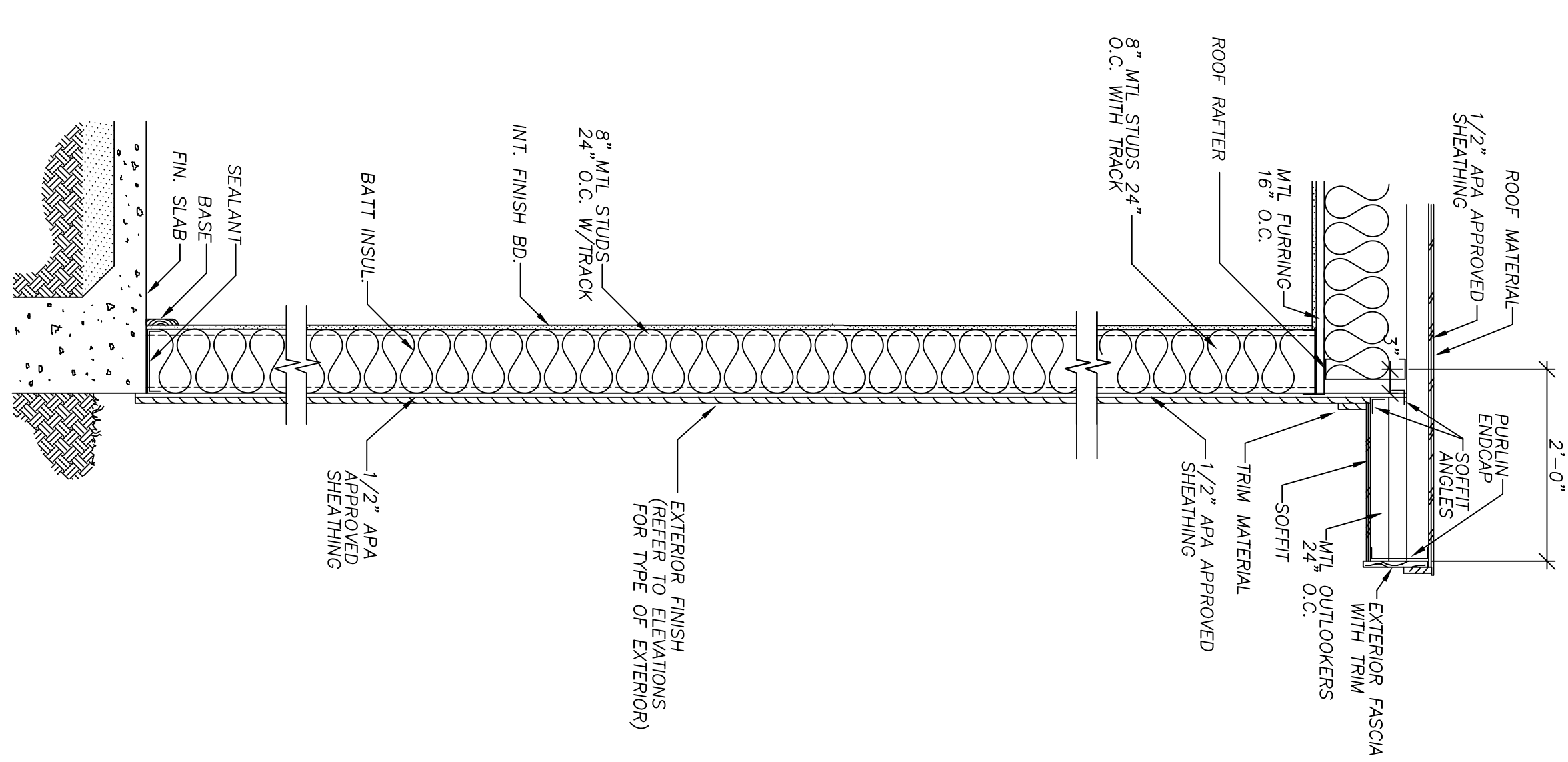
3 SIDEWALL SECTION
SCALE: 3/4" = 1'-0"



4 WALL PANEL LAYOUT PATTERN
SCALE: 1/4" = 1'-0"



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

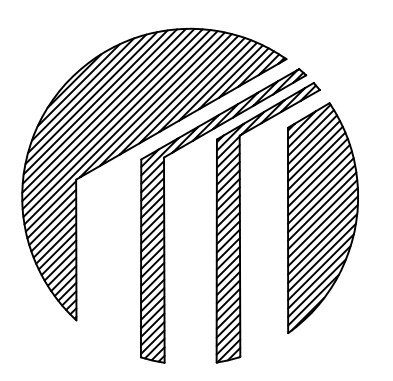


4 ENDWALL SECTION
SCALE: 3/4" = 1'-0"

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Job Number: E032-ST

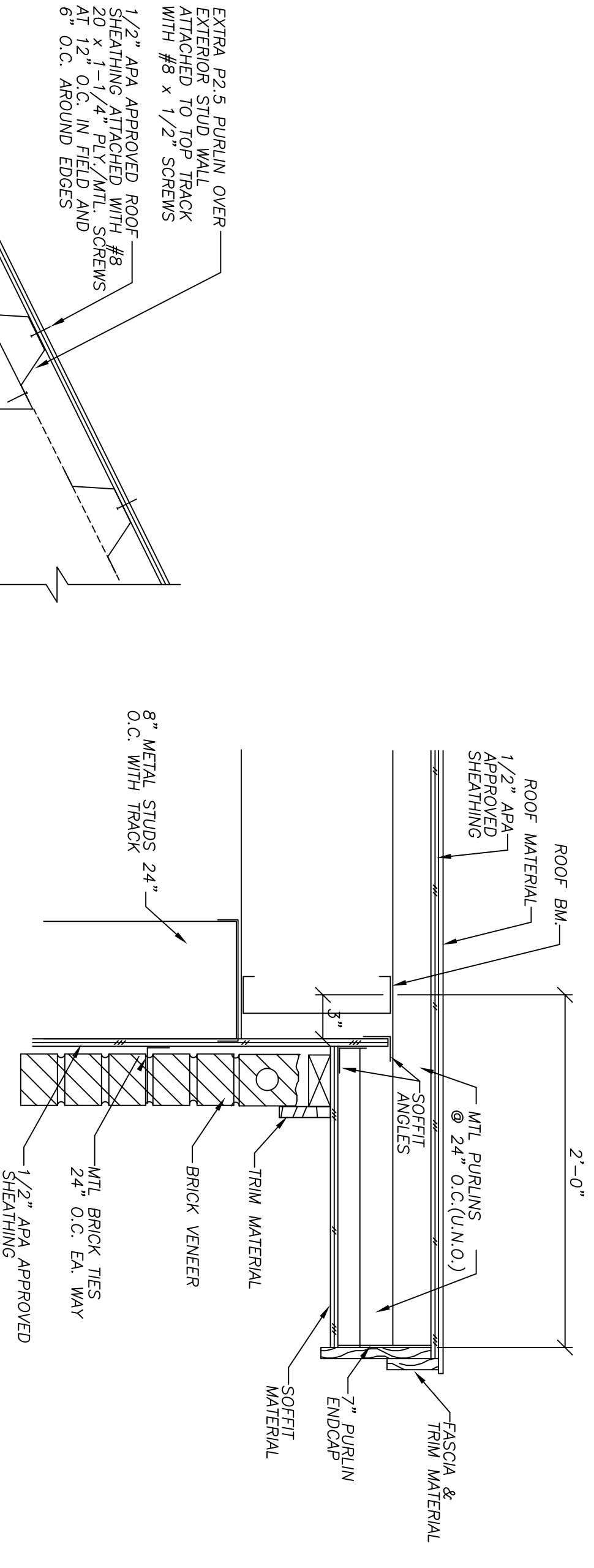
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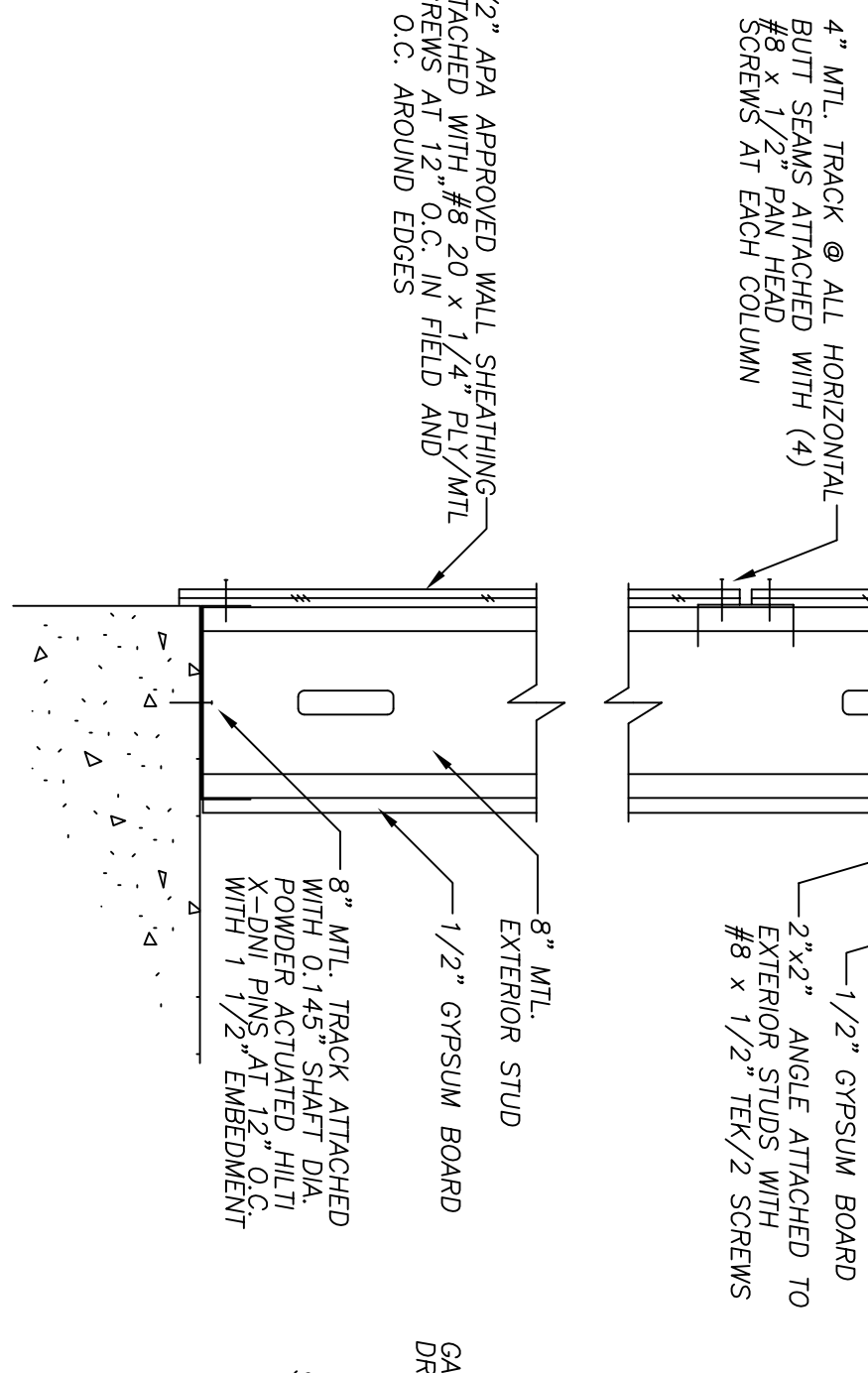
S12

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PO#: E032-ST



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

1. "WALL AND ROOF SHEATHING" MUST BE INSTALLED AS SHOWN. OMITTING SUCH MATERIAL VIOLTS THE STRUCTURAL DESIGN OF THE HOME. MATERIALS SUBSTITUTED FOR THOSE SHOWN MUST HAVE EQUIVALENT DIMENSIONAL SHEAR STRENGTH AND STIFFNESS CHARACTERISTICS ANY AND ALL WALL AND/OR ROOF SHEATHING MATERIAL OMISSIONS AND/OR SUBSTITUTIONS MUST RECEIVE THE EXPRESS WRITTEN CONSENT OF TRI-STEEL HOMES.
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4. WHERE INDICATED AS "APA APPROVED" IN THESE DRAWINGS, "FLOOR DECKING" SHALL BE 3/4" AP RATED STURD-FLOOR FOR MAXIMUM JOIST SPACING OF 20" O.C. TONGUE AND GROOVE DECKING SHALL BE GLUED TO JOISTS USING ADHESIVES COMFORMING TO APA SPECIFICATIONS AP-6-01. FASTEN FLOOR DECKING TO JOISTS USING #8-18 x 1-9/16" LONG SELF-DRILLING AT 12" O.C. IN FIELD OF PLYWOOD SHEET AND 6" O.C. AT EDGES.



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

NOTE: FOR VERTICAL FASCIA - REVERSE INSTALLATION OF SFC - EAVE CAP.

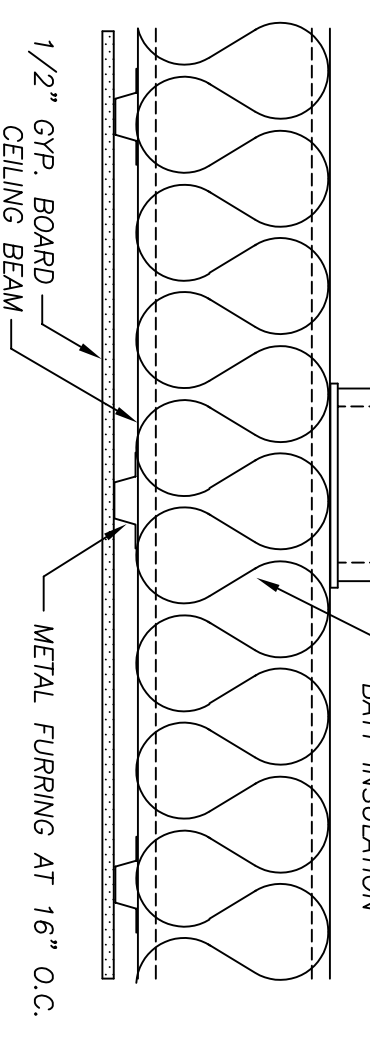
3 EAVE
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NOTE: FOR VERTICAL FASCIA - REVERSE INSTALLATION OF SFC - EAVE CAP.

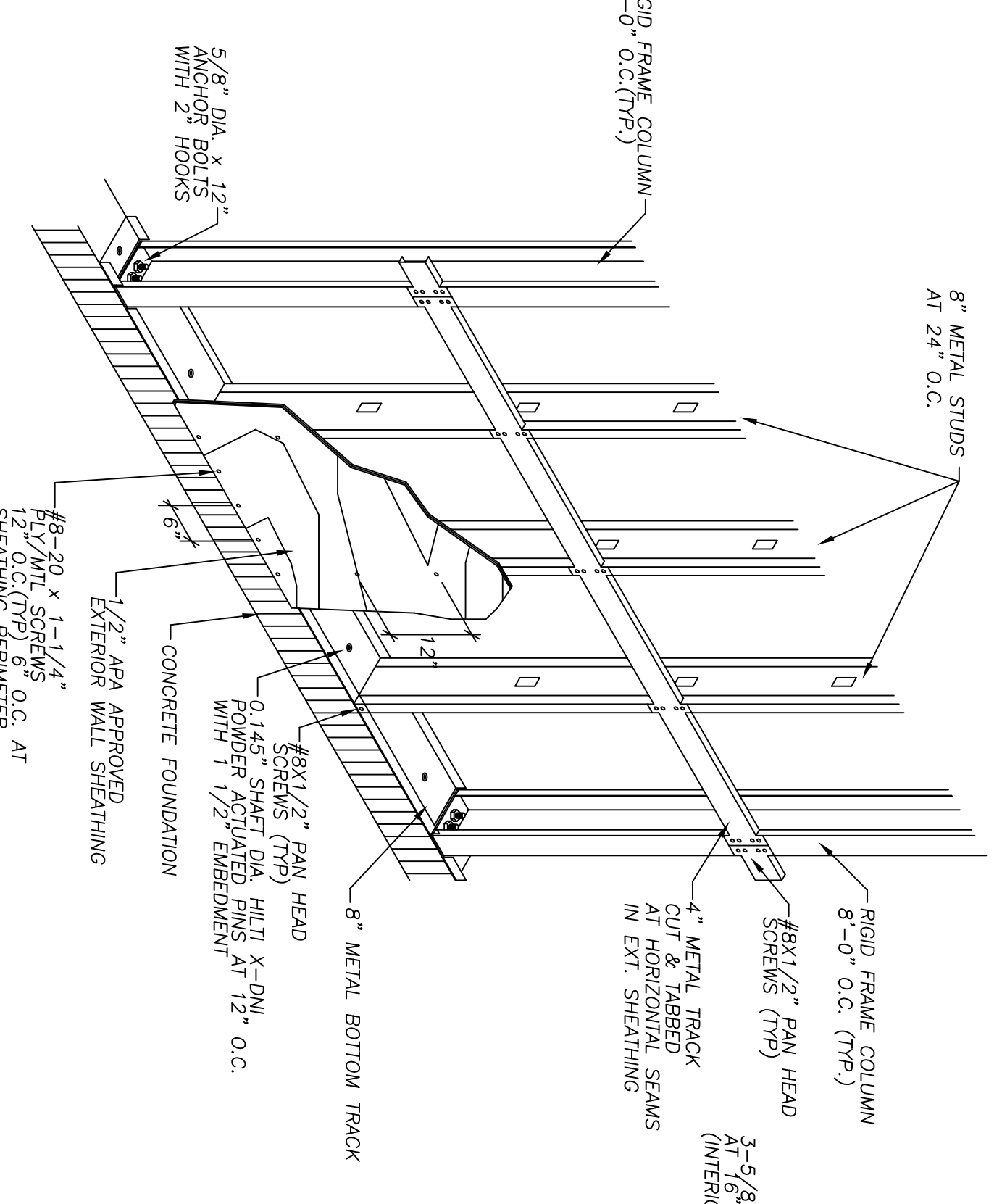
4 EAVE
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NOTE: FOR VERTICAL FASCIA - REVERSE INSTALLATION OF SFC - EAVE CAP.

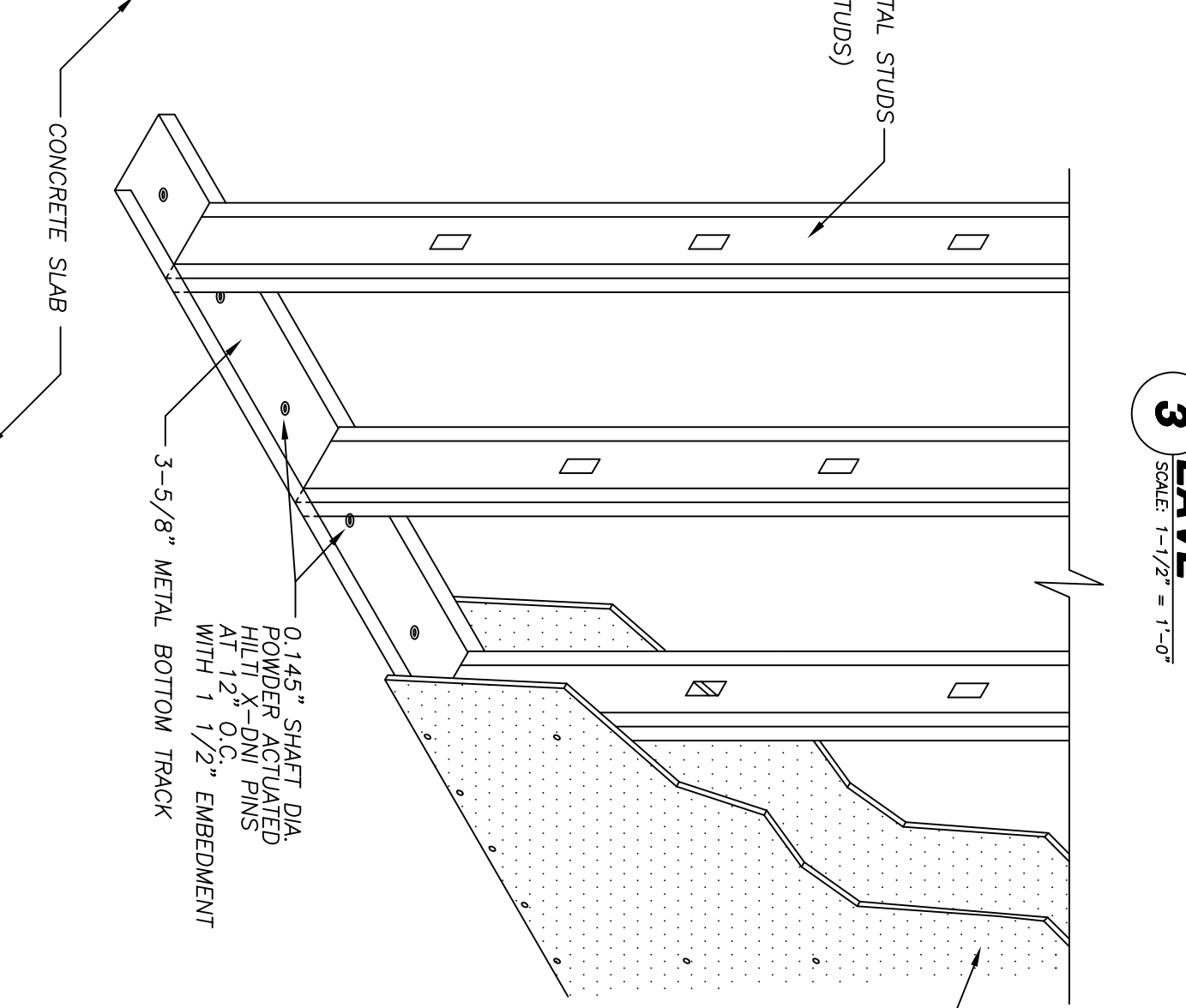
5 WALL DETAIL
SCALE: 1-1/2" = 1'-0"



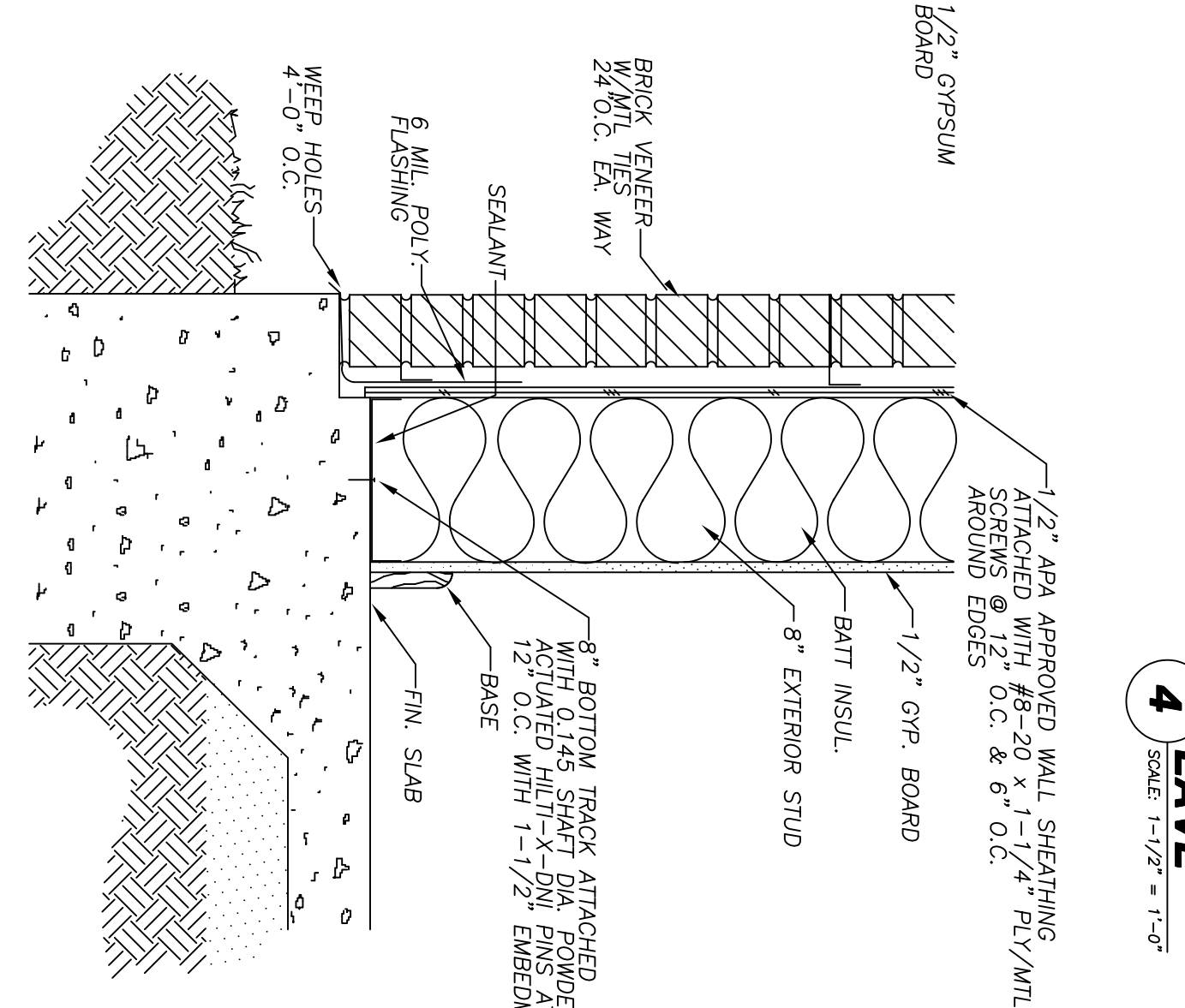
6 RIDGE
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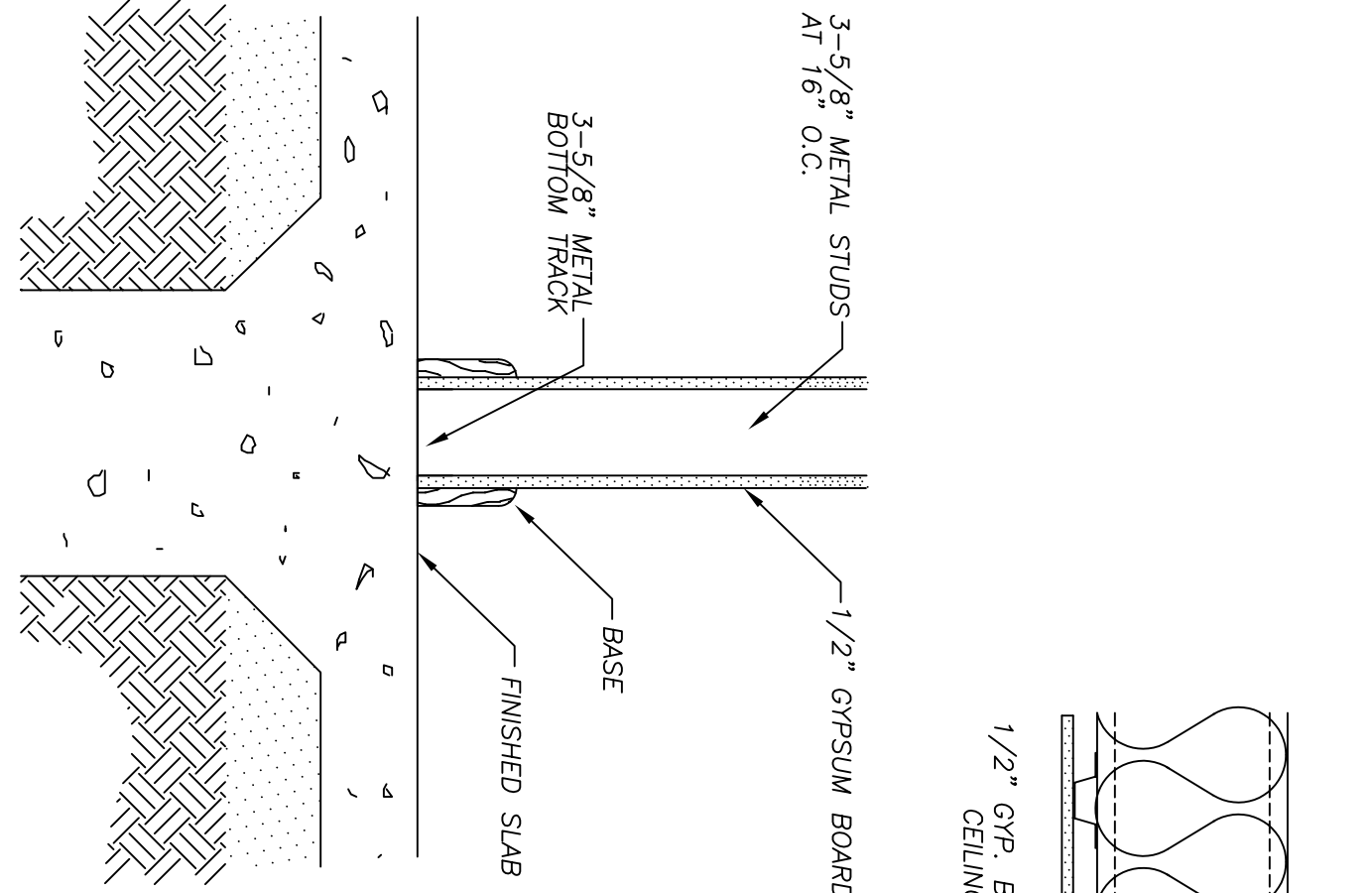
7 EXTERIOR WALL DETAIL
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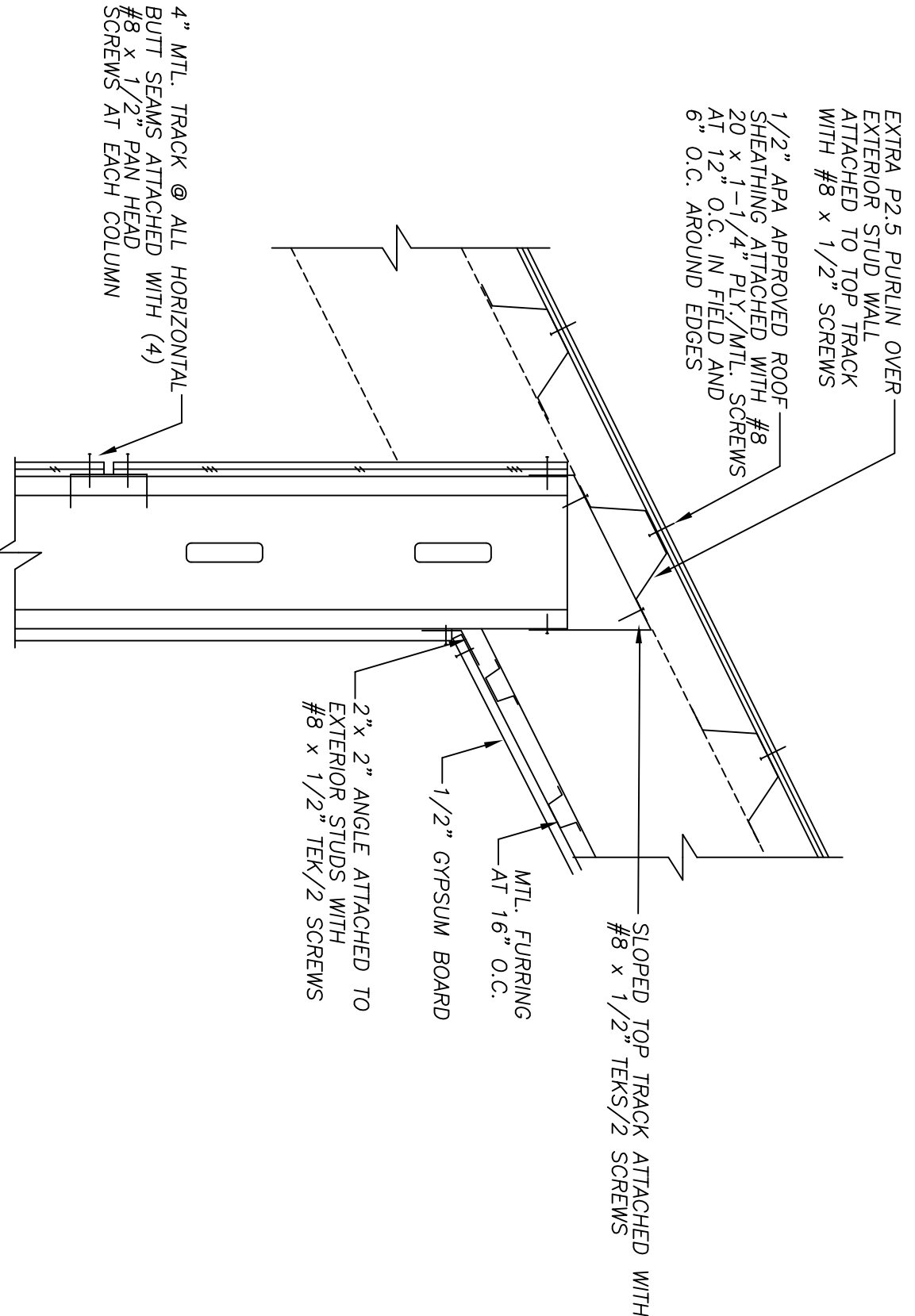
8 INTERIOR PARTITION WALL DETAIL
SCALE: 1-1/2" = 1'-0"



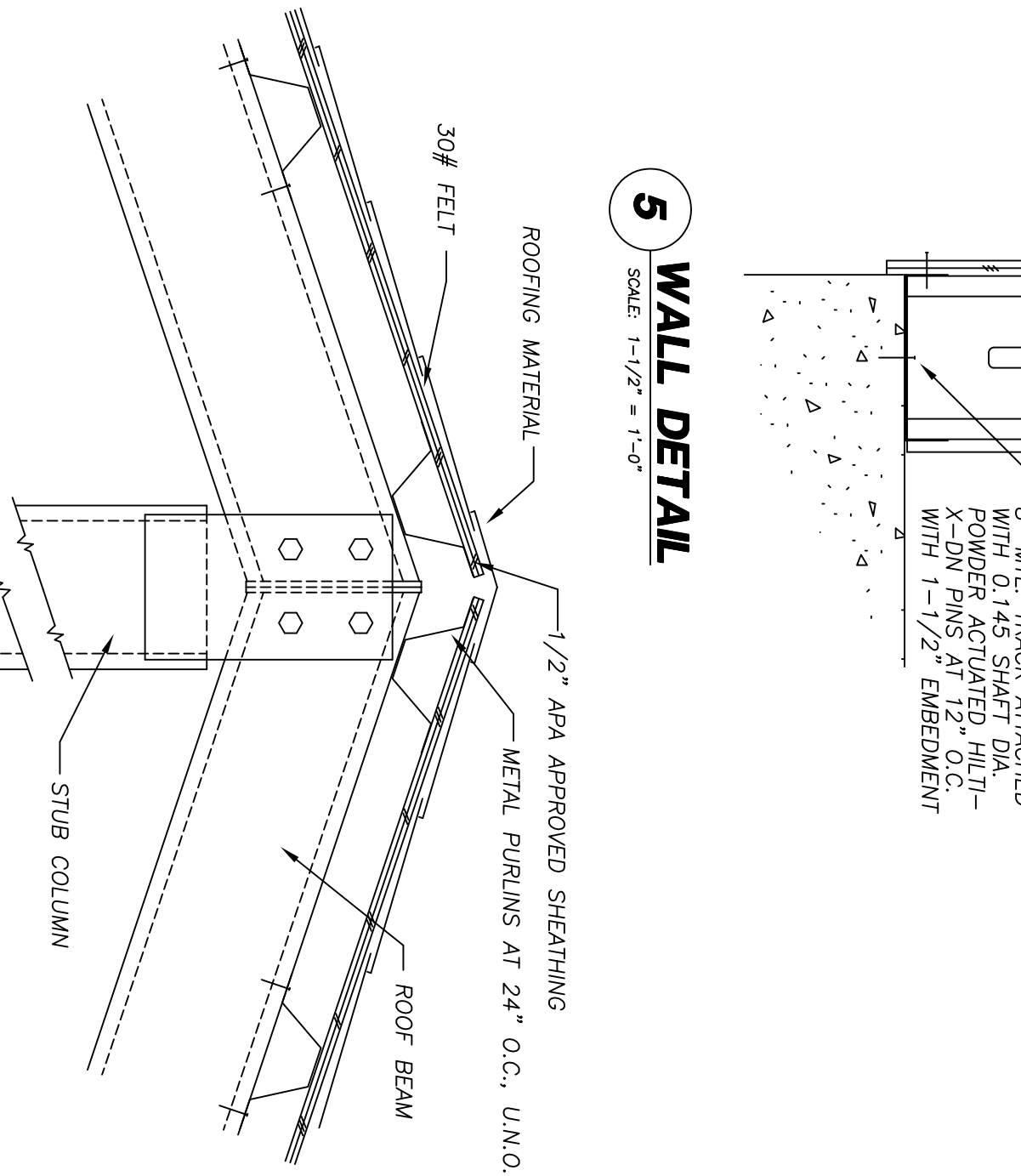
9 SIDEWALL-BRICK ON SLAB
SCALE: 1-1/2" = 1'-0"



10 INTERIOR WALL BASE
SCALE: 1-1/2" = 1'-0"



11 EXTRA P2.5 PURLIN OVER EXTERIOR STUD WALL
SCALE: 1-1/2" = 1'-0"

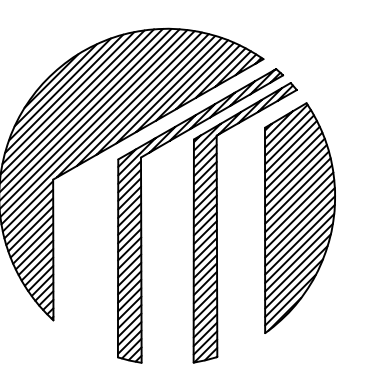


12 SLOPED TOP TRACK ATTACHED WITH #8 x 1/2\"/>

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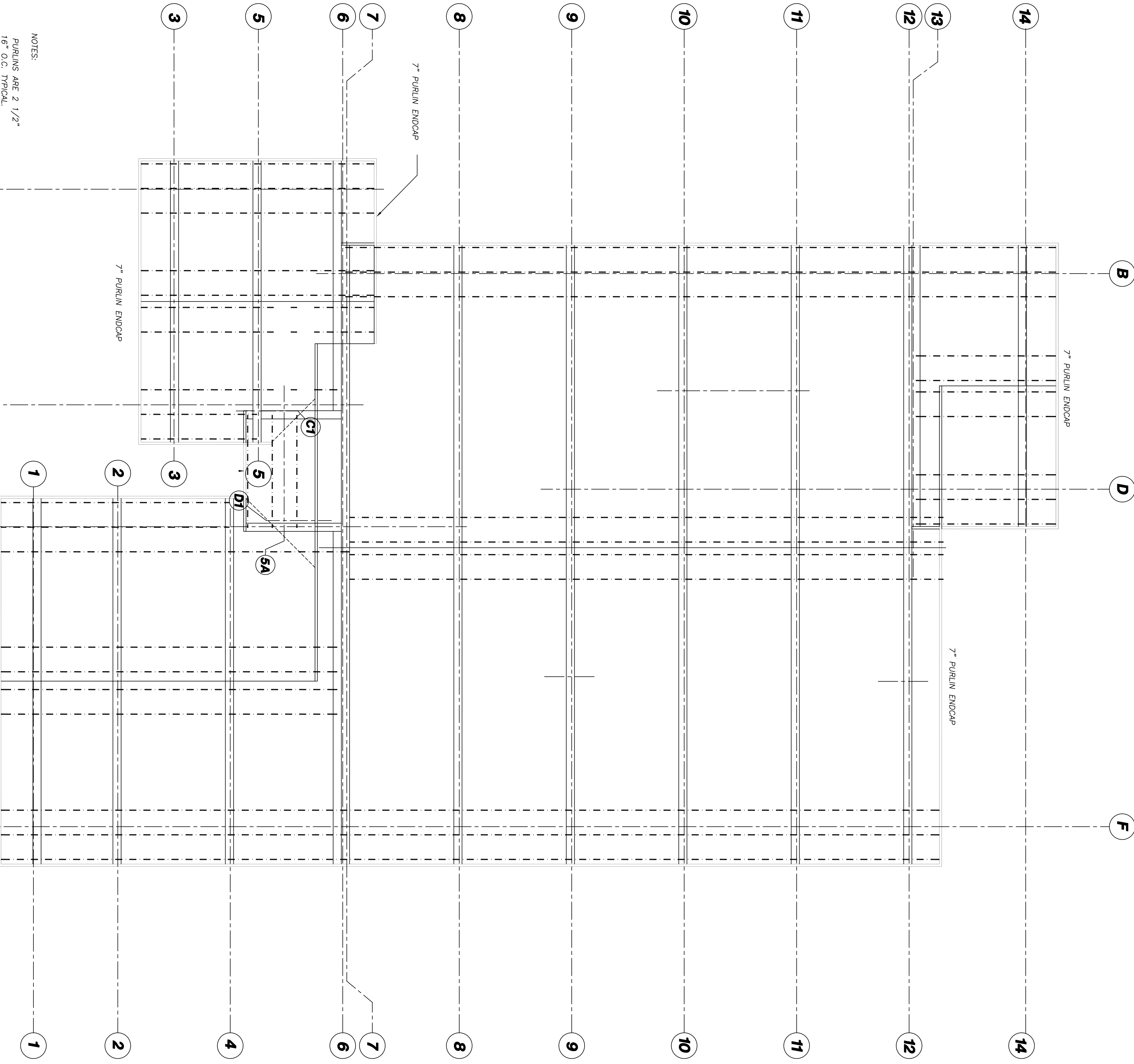
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Job Name:	CLYDE WILKERSON LAURL ST PENSACOLA FL 32505	
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S1.3
Model: SARATOGA
PO#: E032-ST



NOTES:
 PURLINS ARE 2 1/2"
 16" O.C. TYPICAL.

ROOF FRAMING PLAN

IMPORTANT NOTICE:
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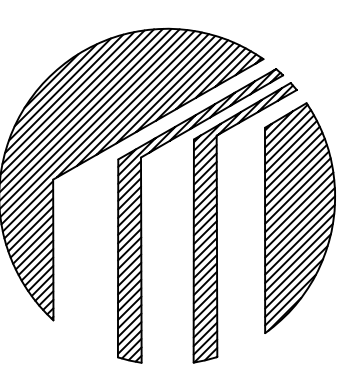
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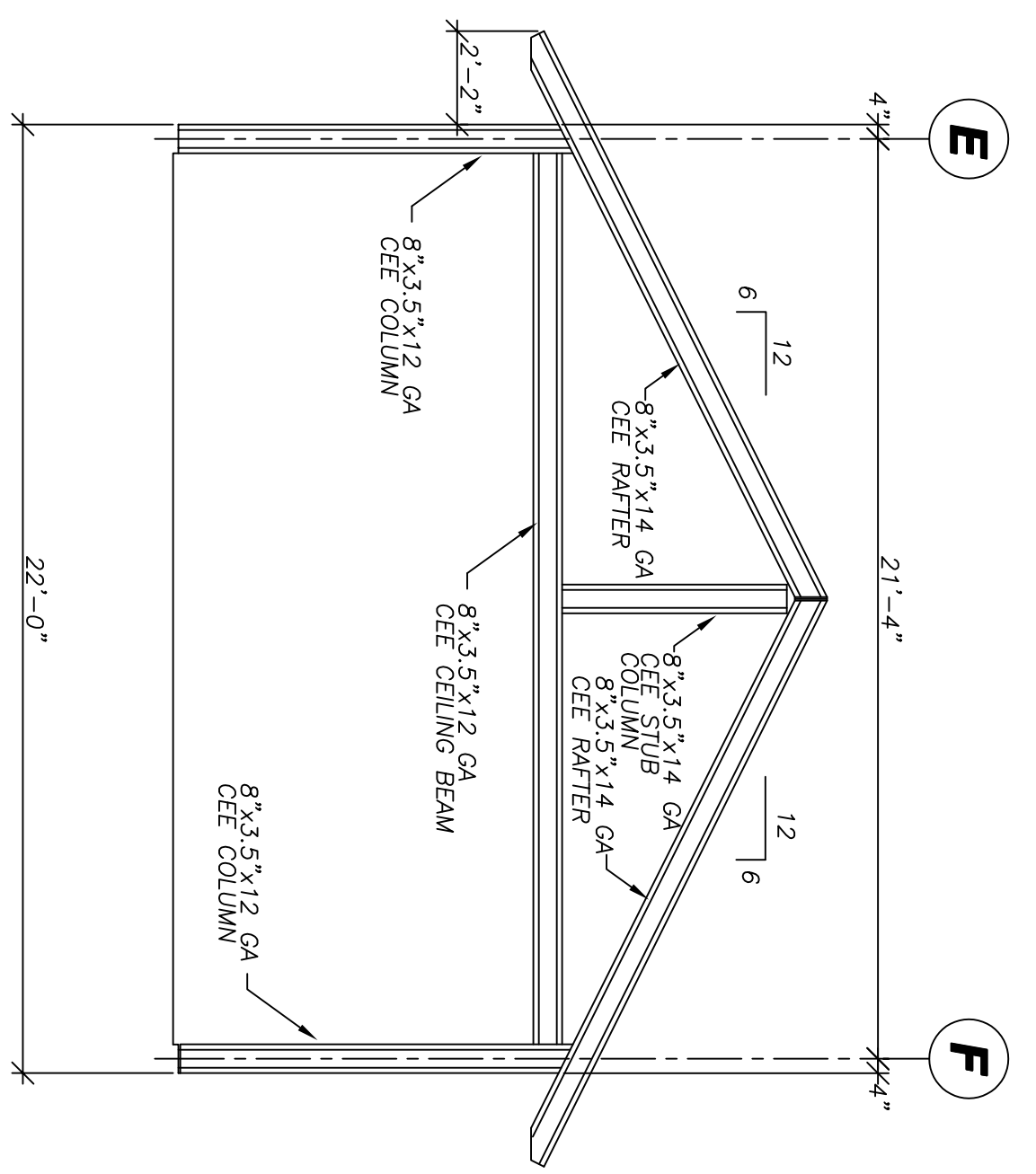
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 ROOF FRAMING PLAN
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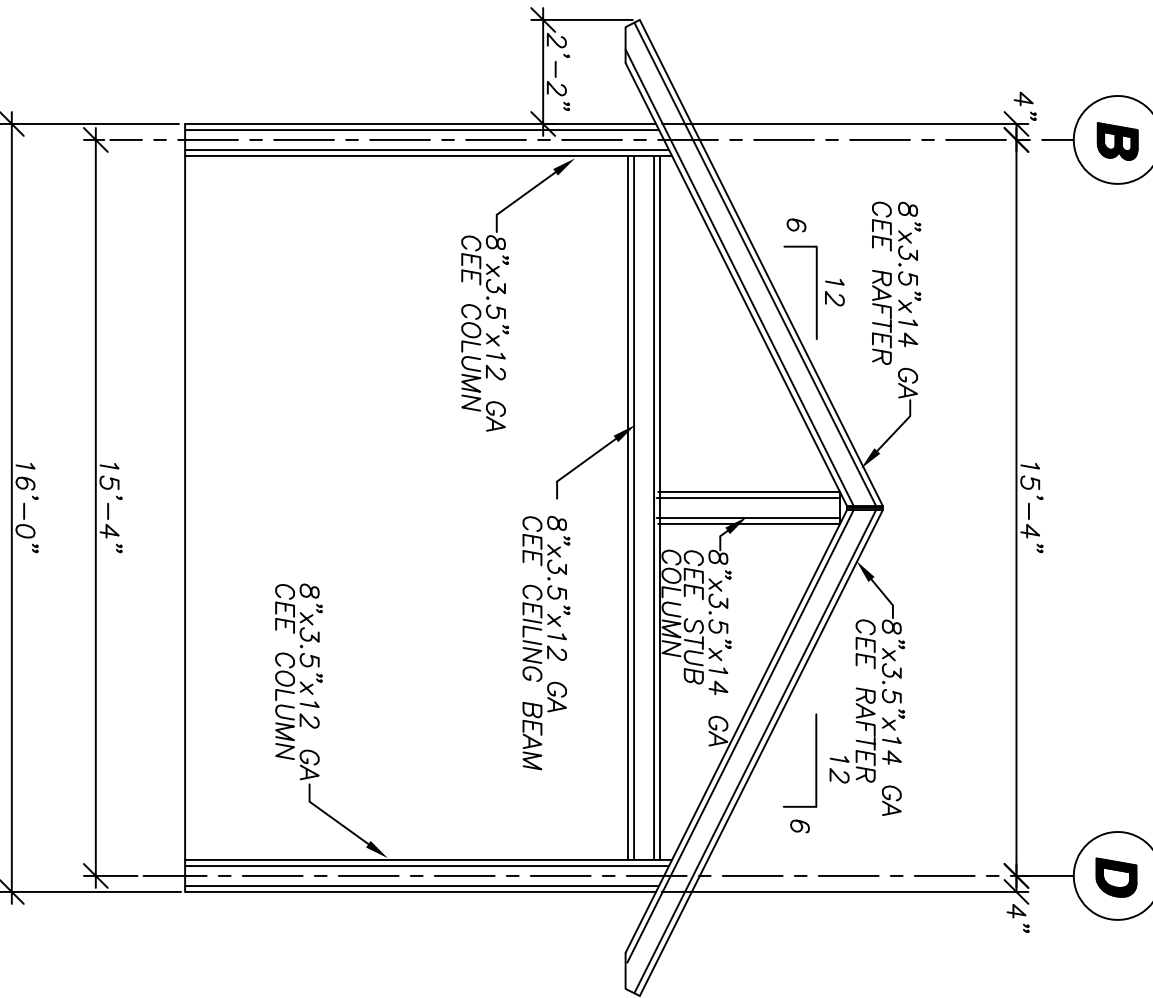
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Model: SARATOGA
 PO#: E032-ST

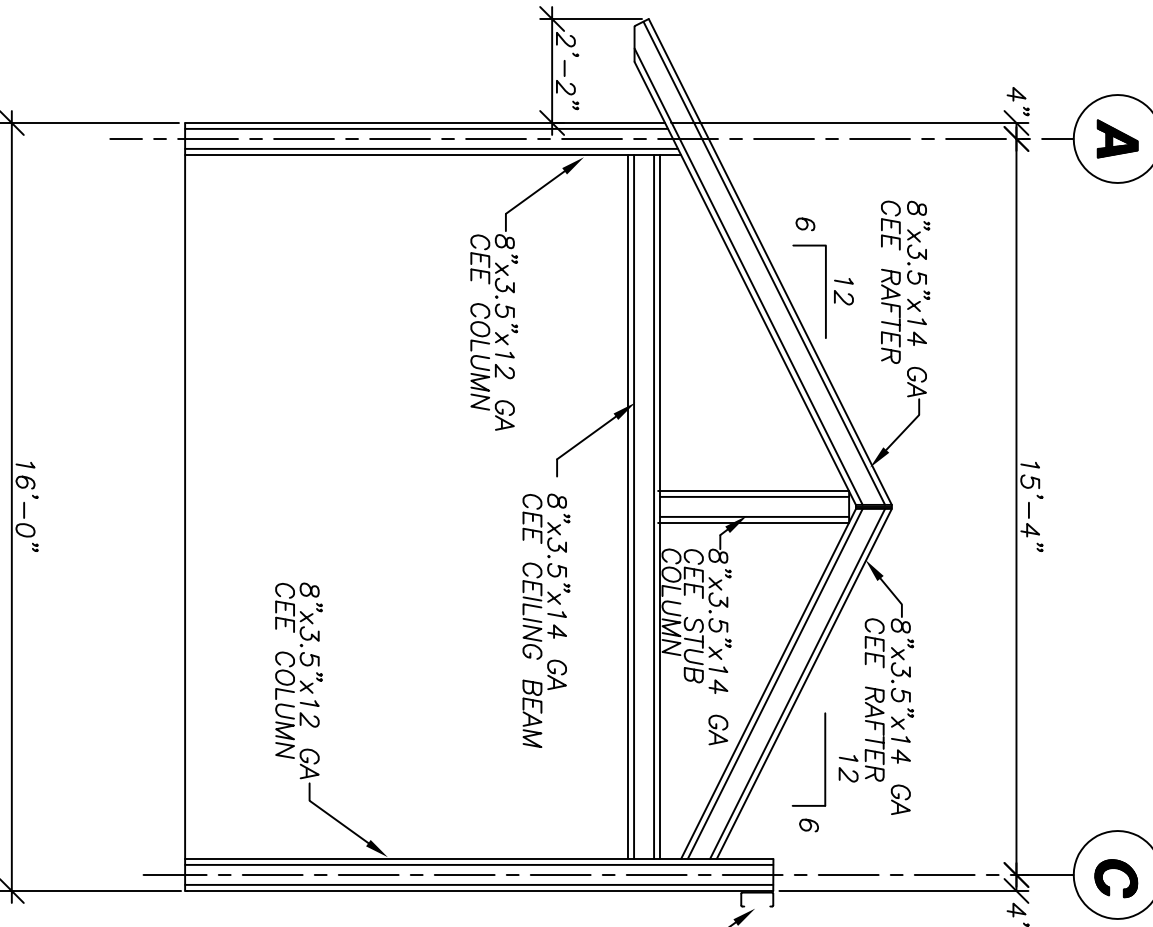
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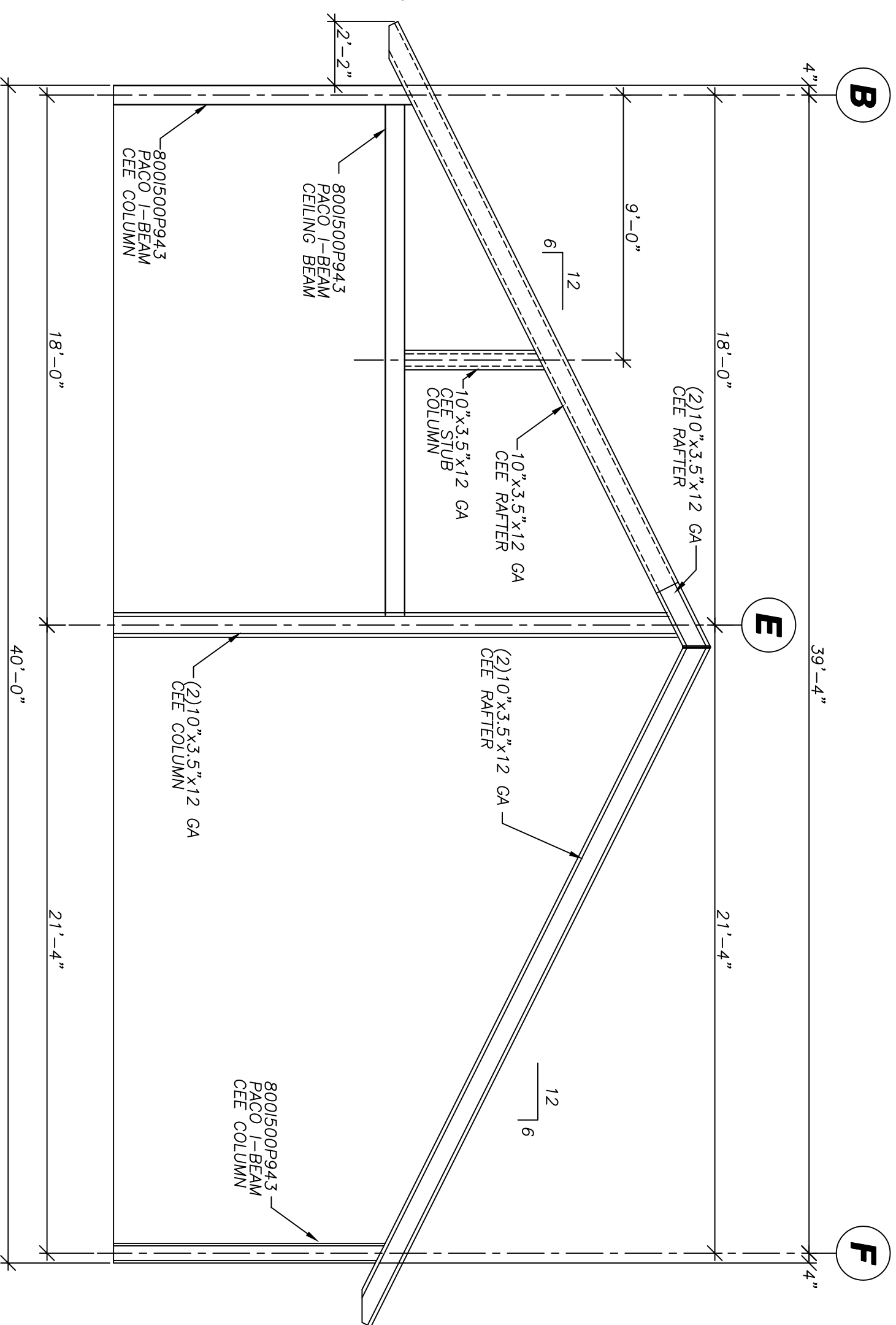
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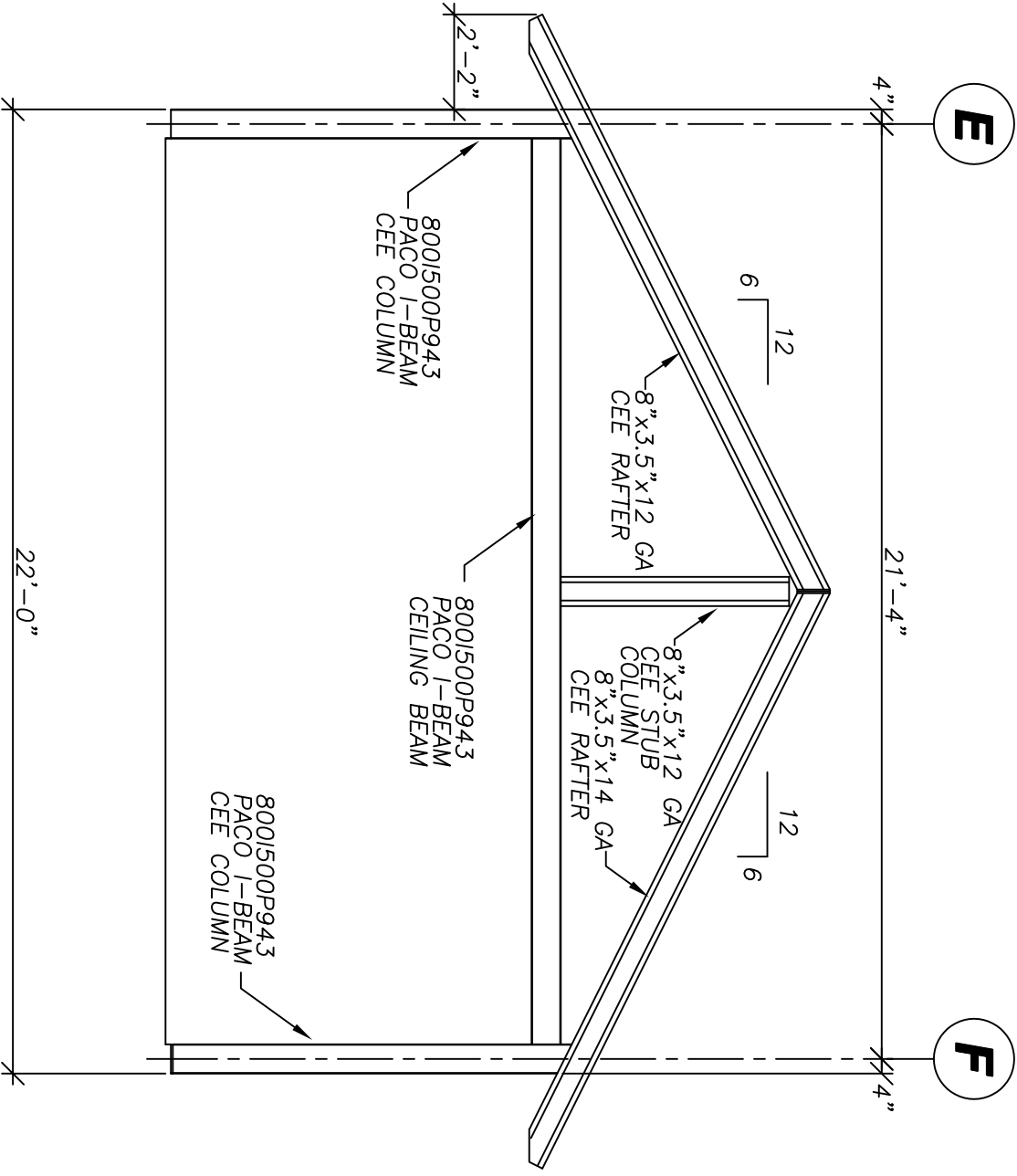
FRAME 13 & 14



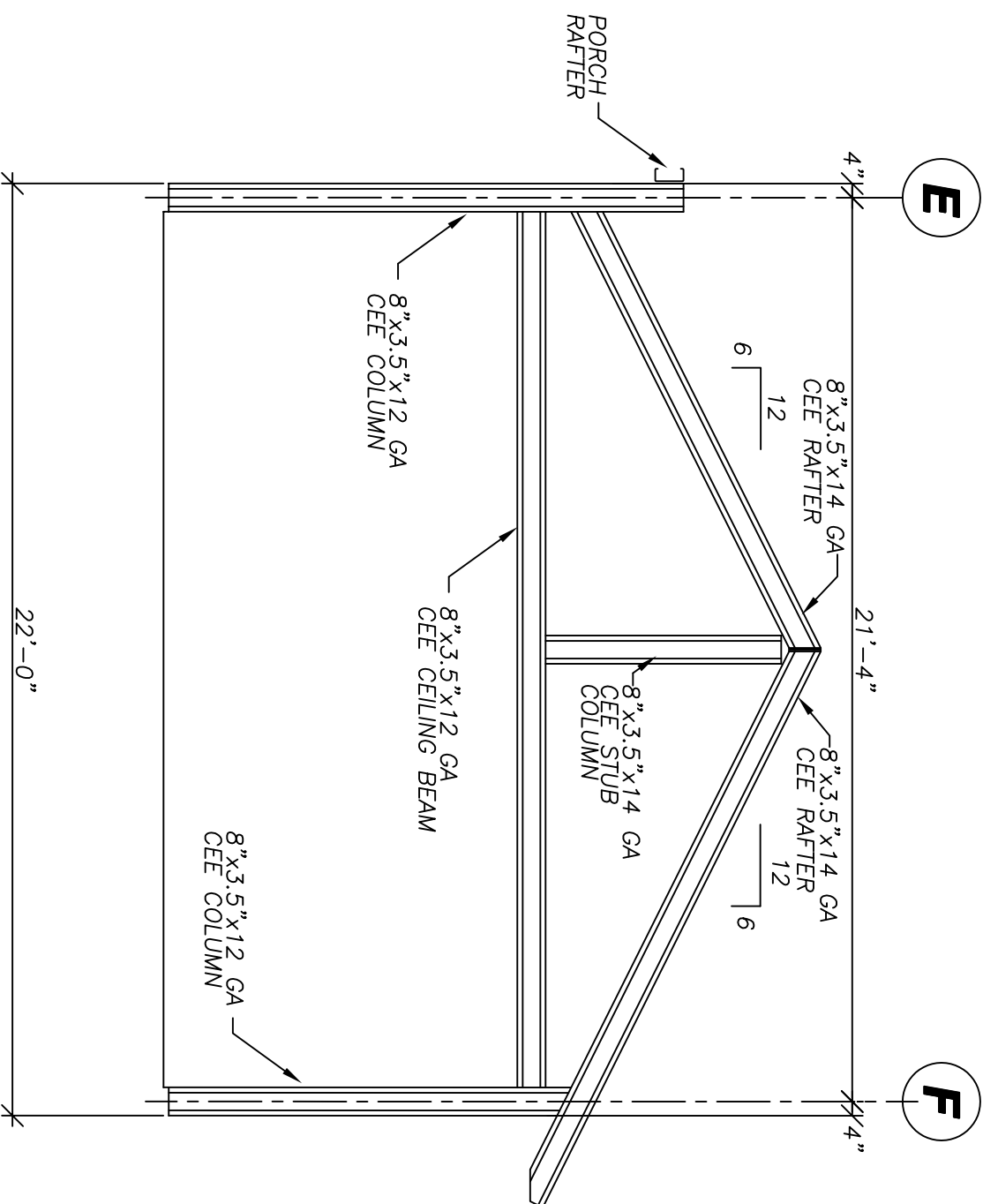
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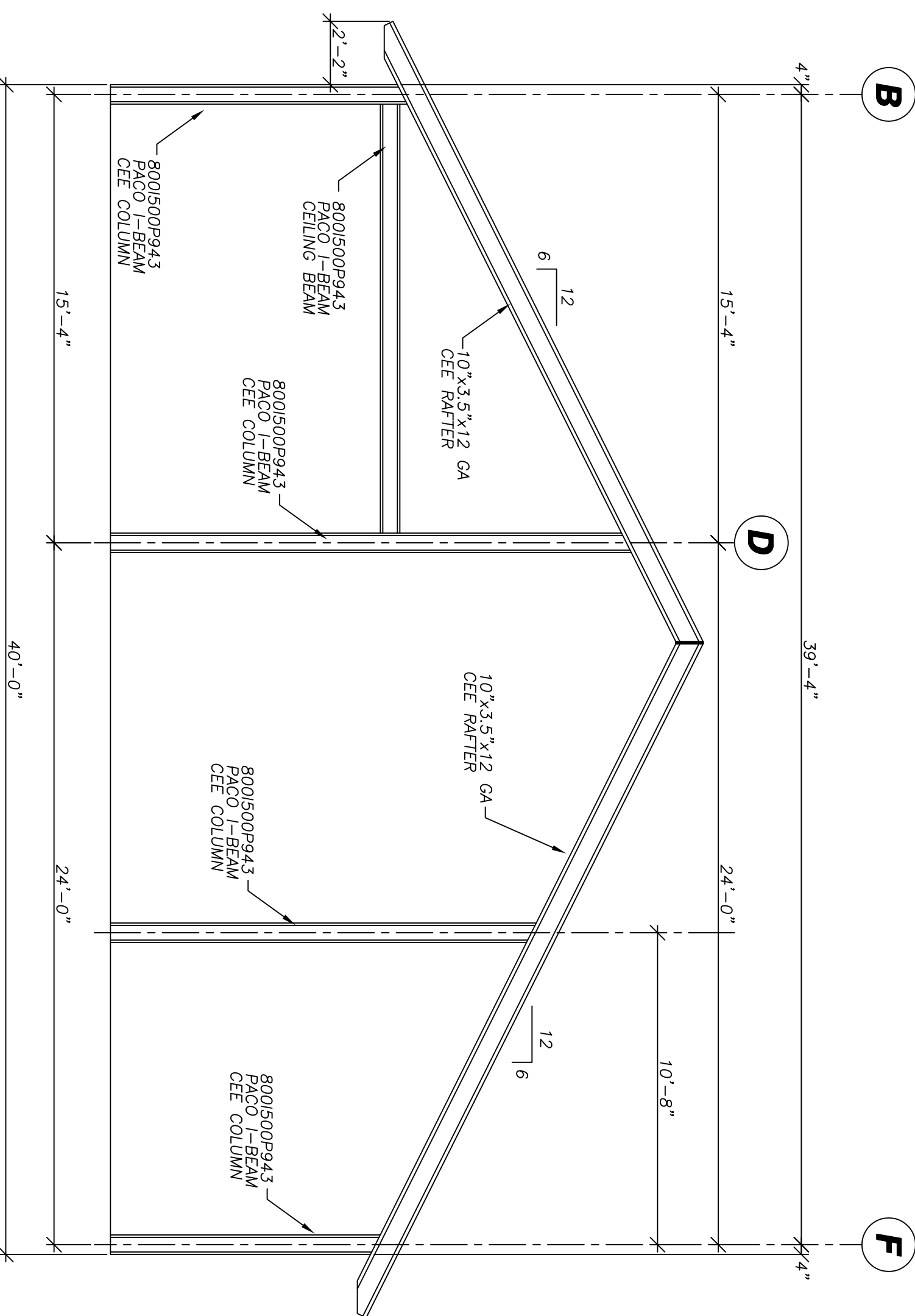
FRAME 8



FRAME 2 & 4



FRAME 6



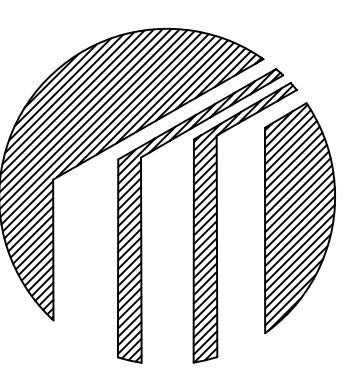
FRAME 9

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Job Name: CLYDE WILKERSON
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PENSACOLA FL 32505
Job Number: E032-ST

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TRI-STEEL HOMES
5400 SOUTH STEMMONS FREEWAY CORINTH, TEXAS 76205

RESIDENCE FOR CLYDE WILKERSON



Drawn by: JWC 07-22-05
Checked by:
Revisions:

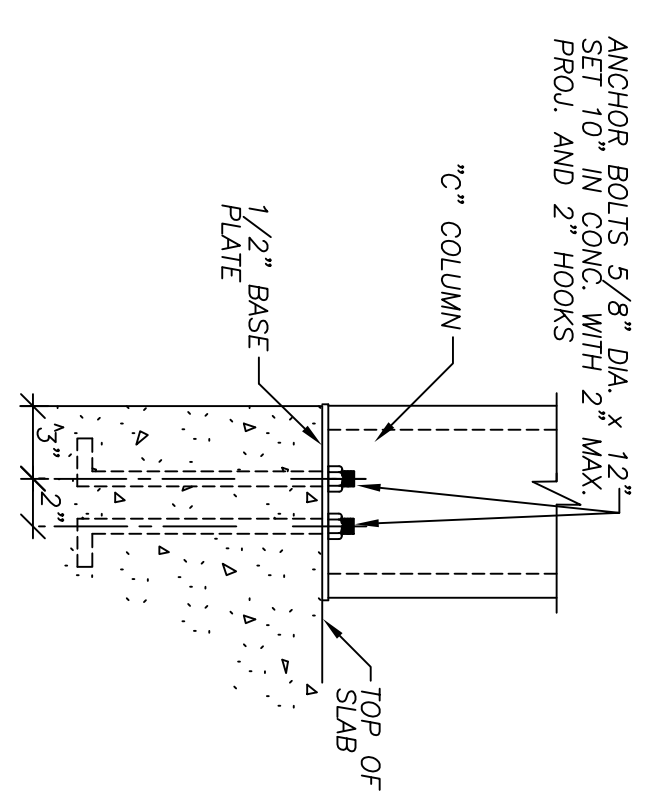
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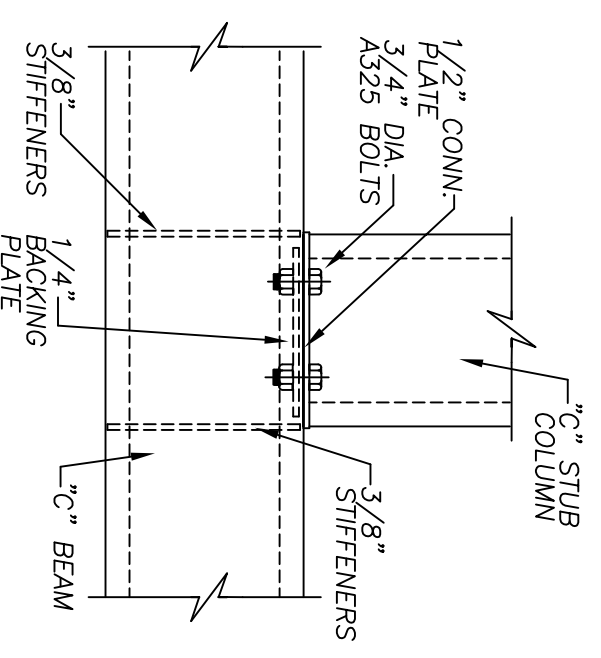
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Model: SARATOGA
PO#: E032-ST

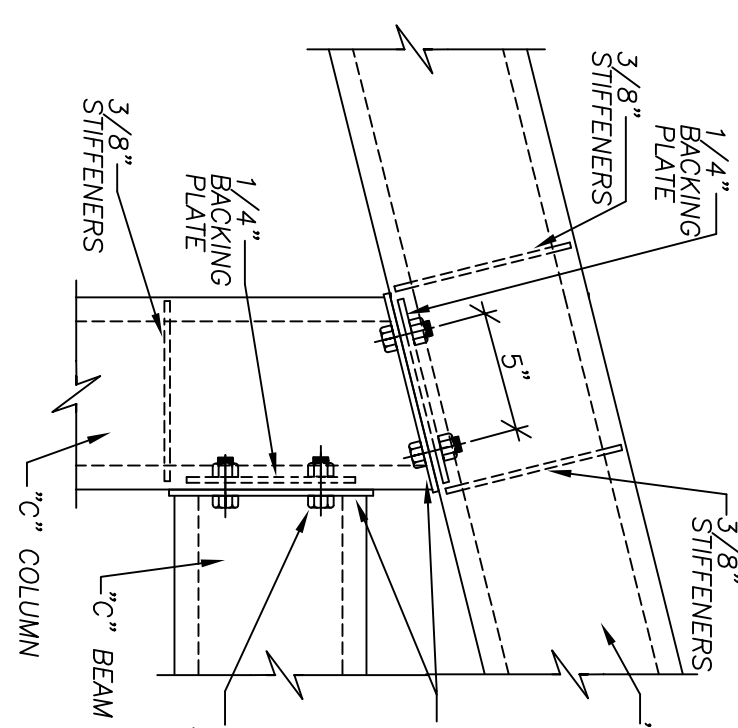
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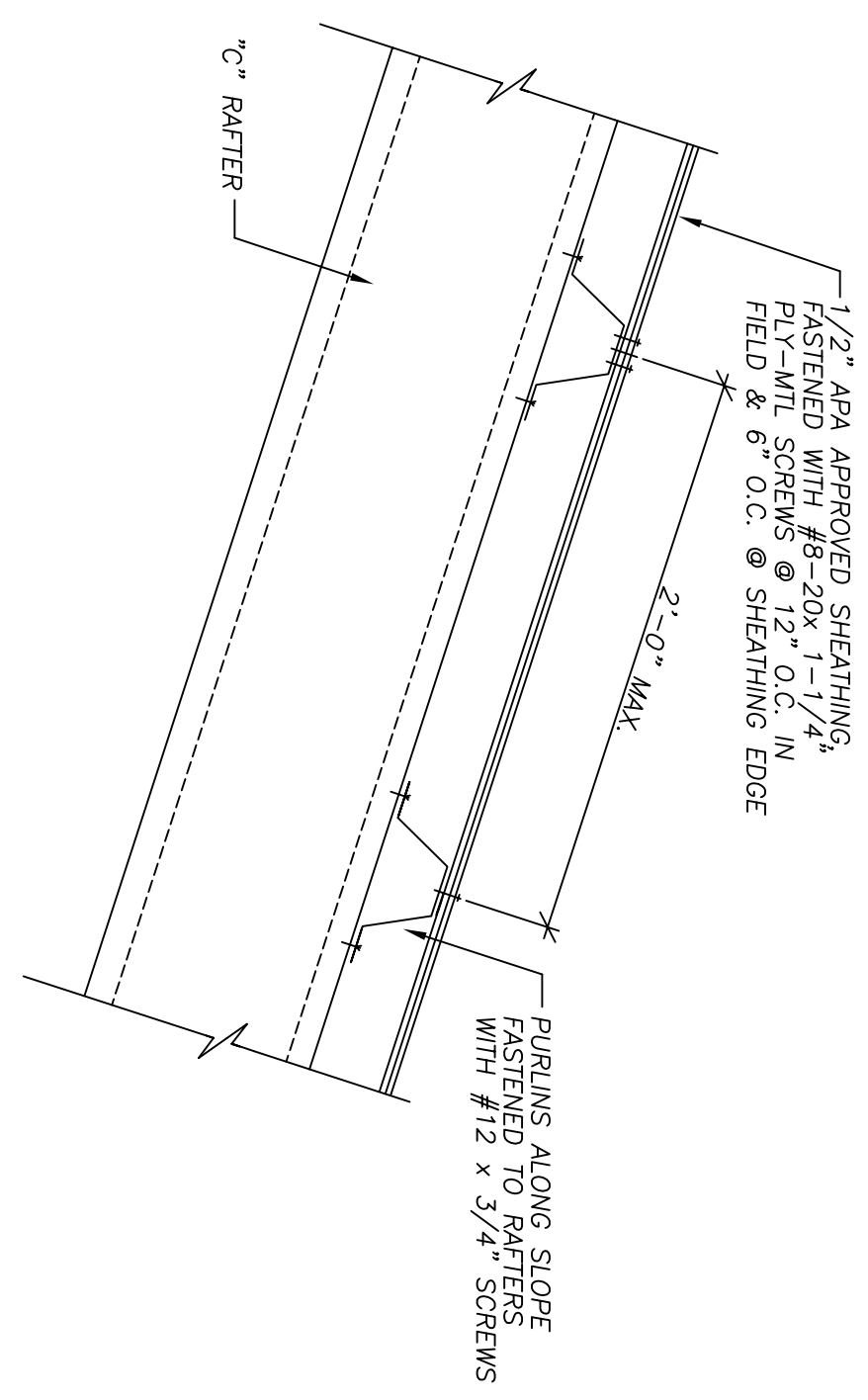
1 COLUMN BASE
SCALE: 1-1/2" = 1'-0"



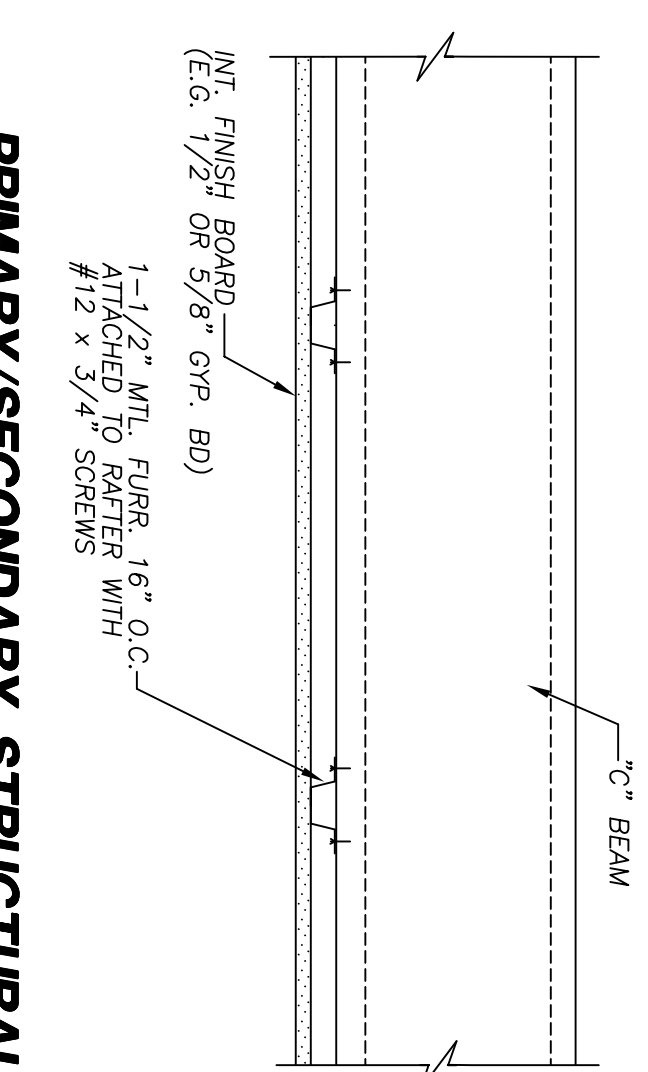
2 STUB COLUMN TO CEILING BEAM
SCALE: 1-1/2" = 1'-0"



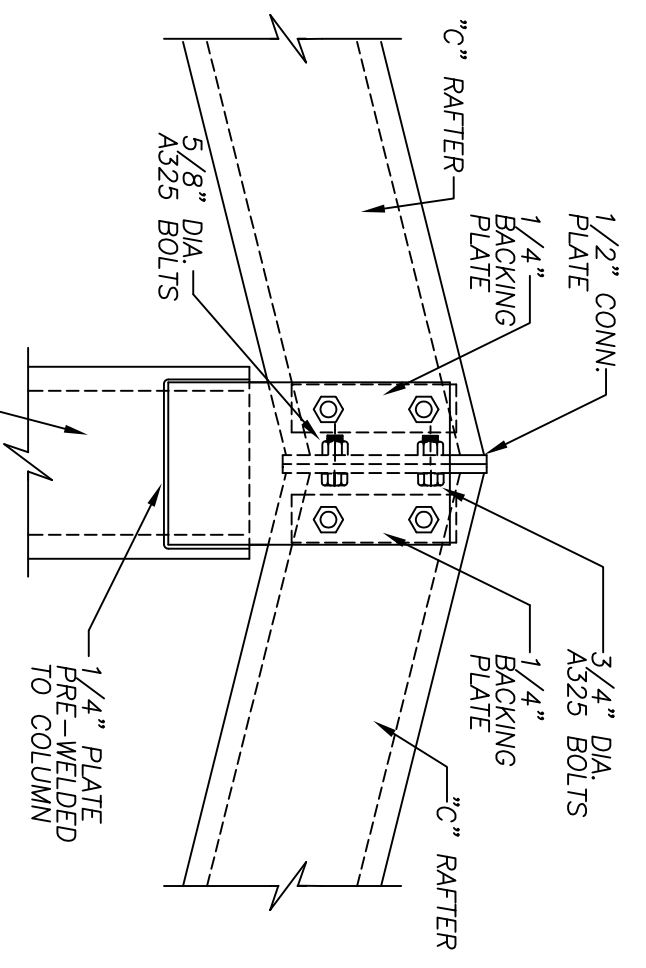
3 RAFTER TO COLUMN
SCALE: 1-1/2" = 1'-0"



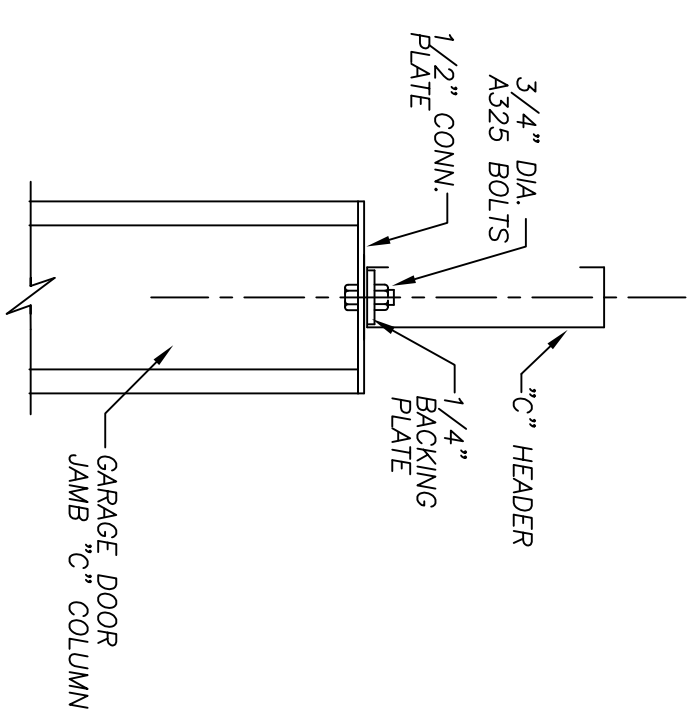
A PRIM. & SECOND. STRUCT. MEMB. - ROOF
SCALE: 1-1/2" = 1'-0"



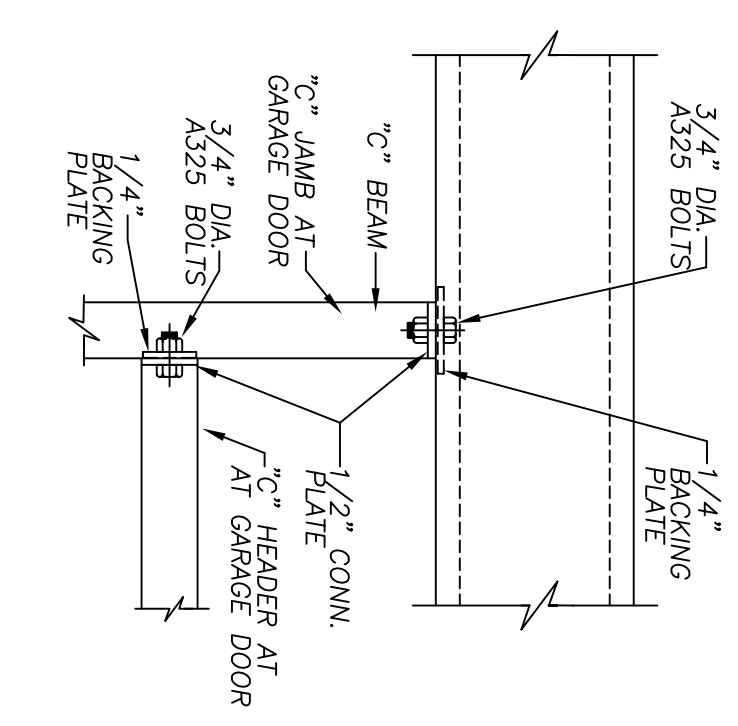
B PRIMARY/SECONDARY STRUCTURAL MEMBERS AT INTERIOR CEILING
SCALE: 1-1/2" = 1'-0"



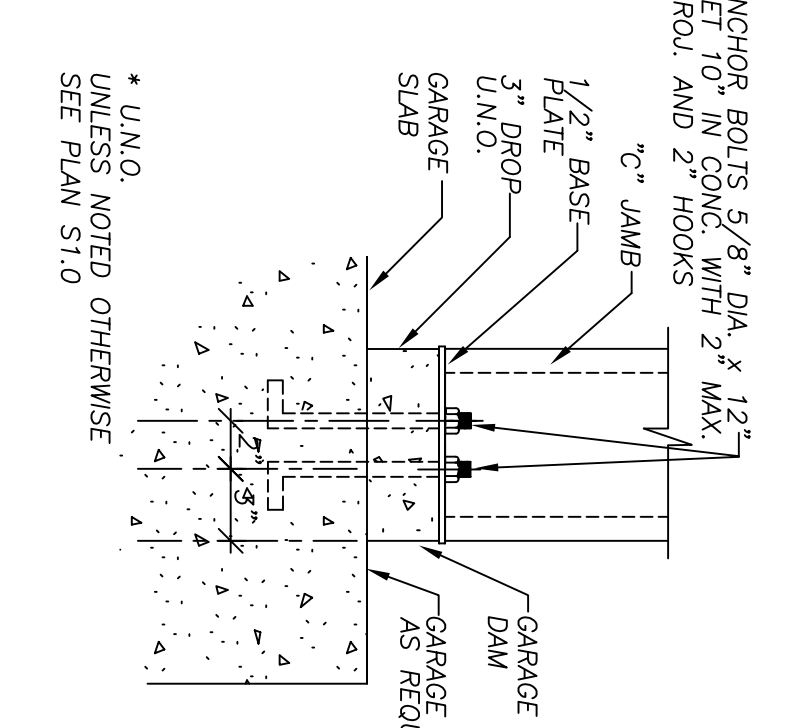
4 RAFTER TO RIDGE AT STUB COLUMN
SCALE: 1-1/2" = 1'-0"



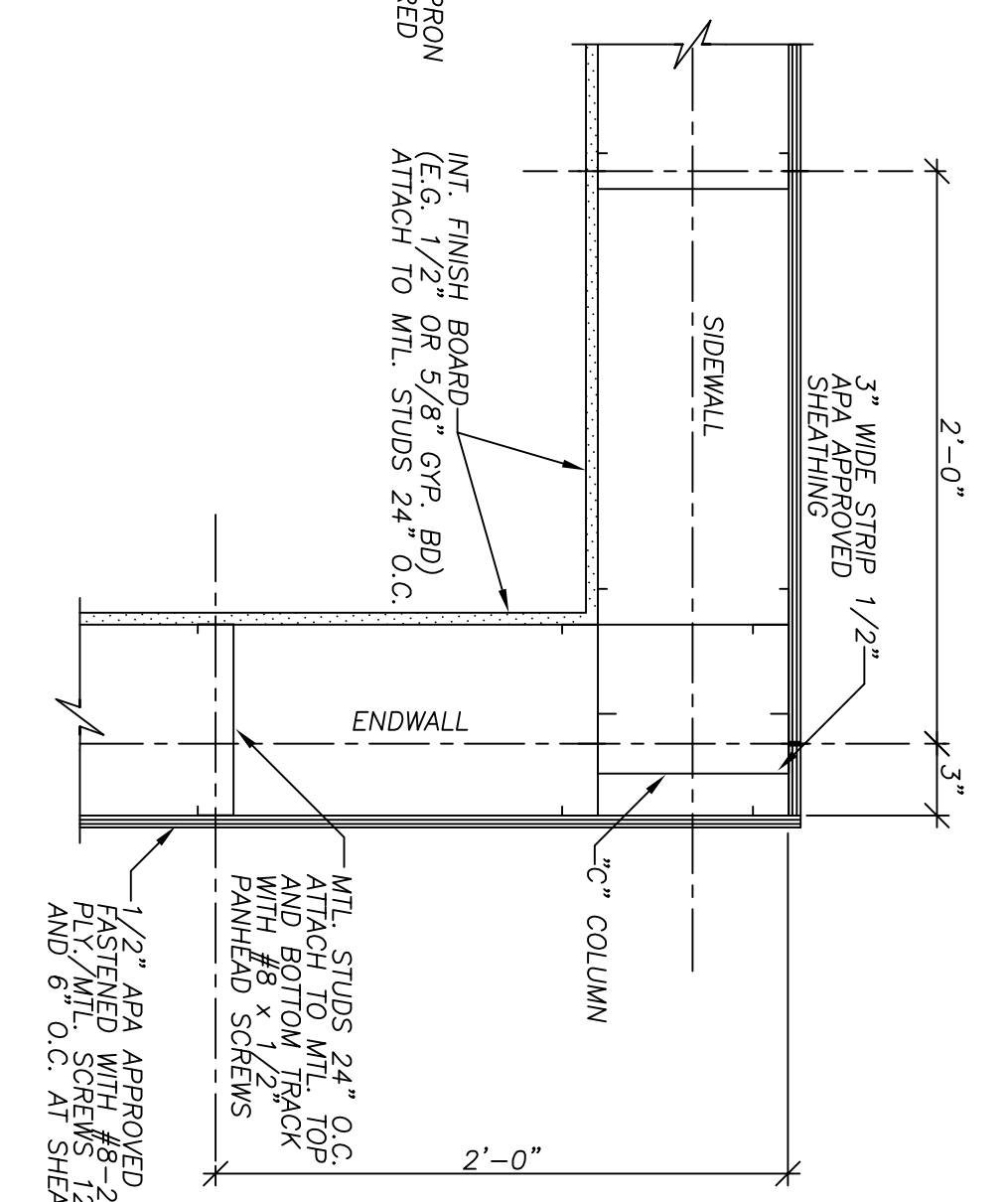
5 GARAGE DOOR JAMB & HEADER
SCALE: 1-1/2" = 1'-0"



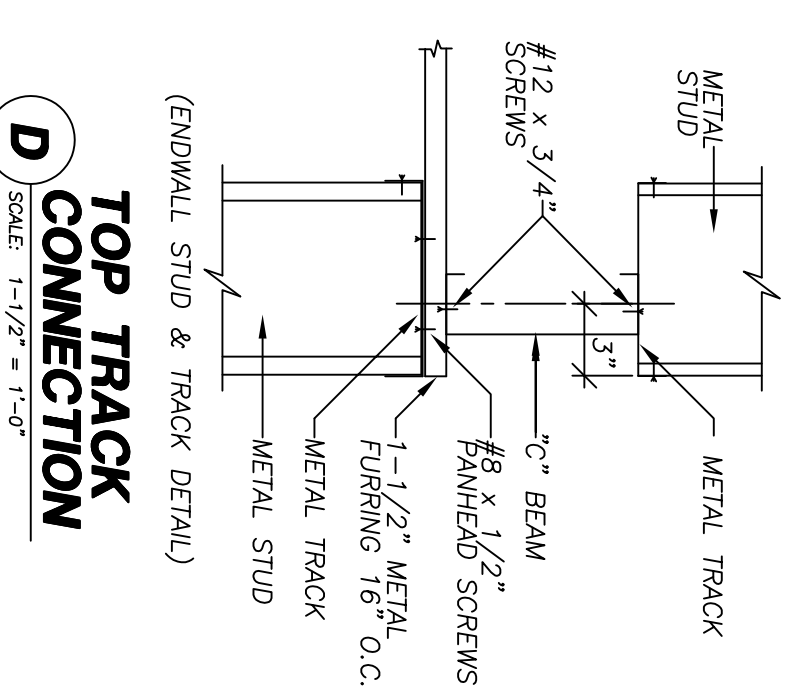
6 GARAGE DOOR JAMB TO BEAM
SCALE: 1-1/2" = 1'-0"



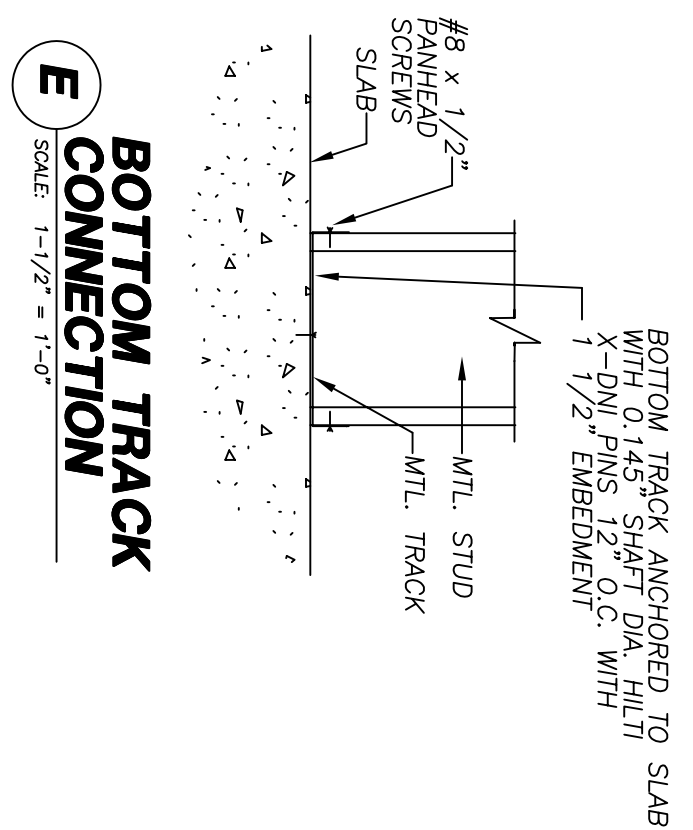
7 GARAGE JAMB AT BASE
SCALE: 1-1/2" = 1'-0"



C PRIMARY/SECONDARY STRUCTURAL MEMBERS AT EXTERIOR WALLS
SCALE: 1-1/2" = 1'-0"

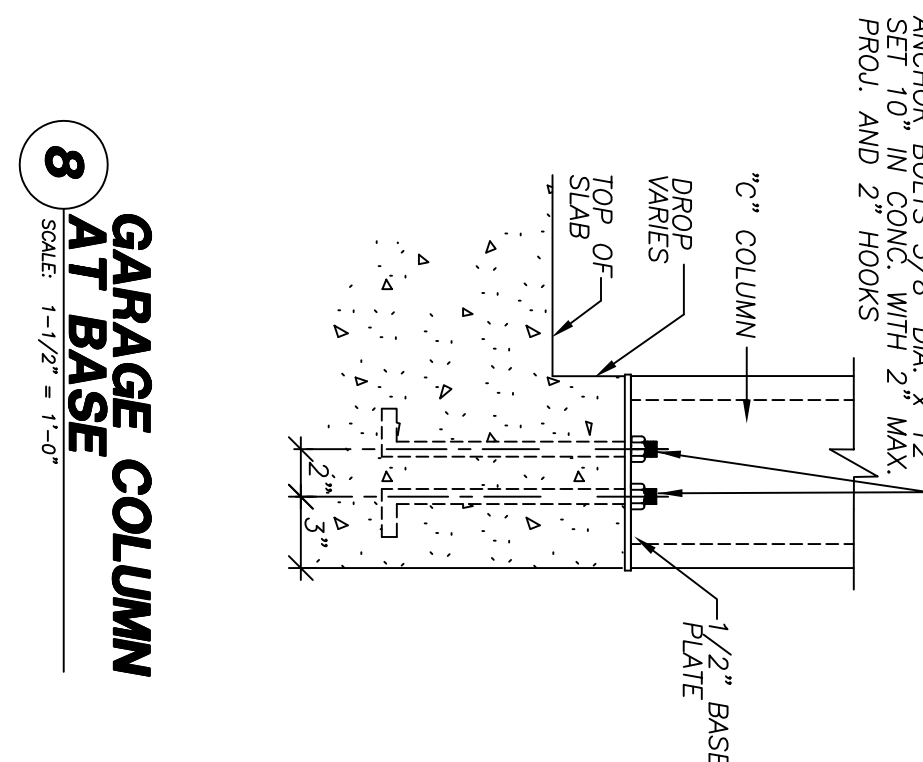


D TOP TRACK CONNECTION
SCALE: 1-1/2" = 1'-0"

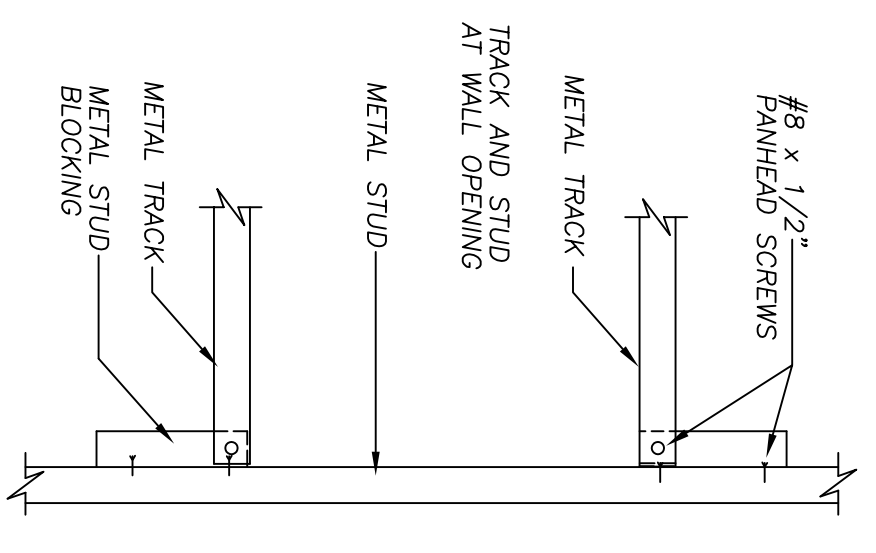


E BOTTOM TRACK CONNECTION
SCALE: 1-1/2" = 1'-0"

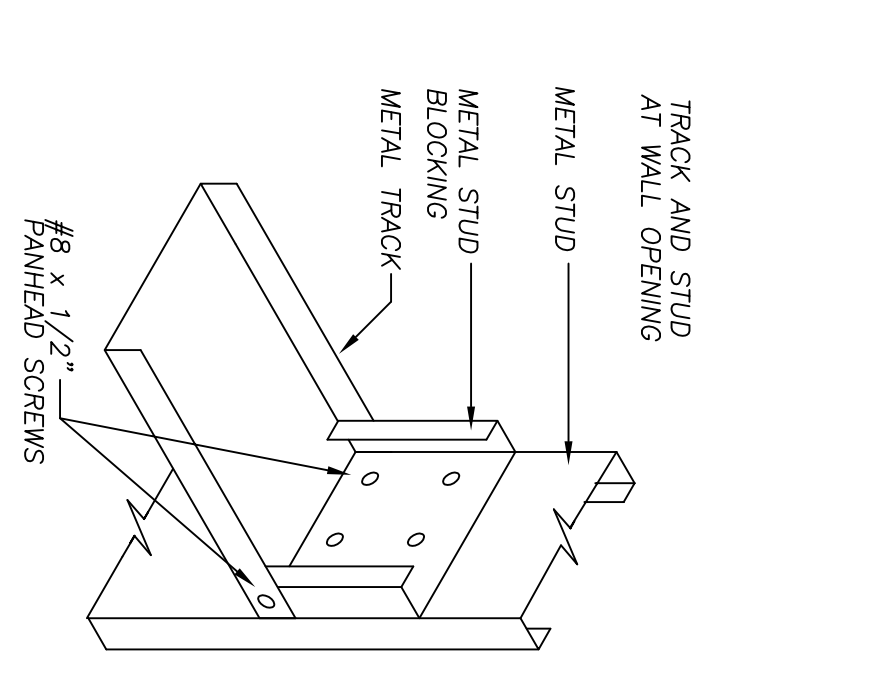
1. "WALL AND ROOF SHEATHING" MUST BE INSTALLED AS SHOWN, OMITTING SUCH MATERIAL VOIDS THE STRUCTURAL DESIGN OF THE HOME. MATERIALS SUBSTITUTED FOR THOSE SHOWN MUST HAVE EQUIVALENT DIAPHRAGM SHEAR STRENGTH AND STIFFNESS CHARACTERISTICS ANY AND ALL WALL AND/OR ROOF SHEATHING MATERIAL OMISSIONS AND/OR SUBSTITUTIONS MUST REFER TO THE LATEST WOOD PRESERVATION TREATMENT CODES. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE INTEGRITY OF UNITS CONSTRUCTED IN VARIANCE WITH THESE PLANS AND SPECIFICATIONS.
2. WHERE INDICATED AS "APA APPROVED" IN THESE DRAWINGS, "WALL SHEATHING" SHALL BE A MINIMUM 7/16" THICK, EXPOSURE 1, SPAN RATED 24/16 BEARING AN APA APPROVED STAMP, REVERSED PLYWOOD, IF USED, SHALL BE A MINIMUM C-0, GRADE 1 WITH THE SAME RATING AS THE WALL SHEATHING. "ROOF SHEATHING" SHALL BE A MINIMUM 5/8" THICK, EXPOSURE 1, SPAN RATED 24/16 BEARING AN APA APPROVED STAMP, REVERSED PLYWOOD, FASTENED TO STUDS WITH #8-20X 1-1/4" PLY-MLT SCREWS @ 12" O.C. IN FIELD OF PLYWOOD SHEETS AND 6" O.C. AT SEAMS AND EDGES OF PLYWOOD SHEET.
3. WHERE INDICATED AS "APA APPROVED" IN THESE DRAWINGS, "ROOF SHEATHING" SHALL BE A MINIMUM 7/16" THICK, EXPOSURE 1, SPAN RATED 24/16 BEARING AN APA APPROVED STAMP, REVERSED PLYWOOD, FASTENED TO STUDS WITH #8-20X 1-1/4" PLY-MLT SCREWS @ 12" O.C. IN FIELD OF PLYWOOD SHEETS AND 6" O.C. AT SEAMS AND EDGES OF PLYWOOD SHEET.
4. WHERE INDICATED AS "APA APPROVED" IN THESE DRAWINGS, "FLOOR DECKING" SHALL BE 3/4" DECKING STUPEL FLOOR FOR MAXIMUM JOIST SPACING OF 20" O.C. ON DOUBLE AND GROOVE DECKING SHALL BE 3/4" DECKING STUPEL FLOOR FOR MAXIMUM JOIST SPACING OF 16" O.C. ON DOUBLE AND GROOVE DECKING. FASTEN FLOOR DECKING TO JOISTS USING #8-18 X 1-1/2" LONG SELF-DRILLING AT 12" O.C. IN FIELD OF PLYWOOD SHEET AND 6" O.C. AT EDGES.



8 GARAGE COLUMN AT BASE
SCALE: 1-1/2" = 1'-0"



F FRAMED OPENING
SCALE: 1-1/2" = 1'-0"

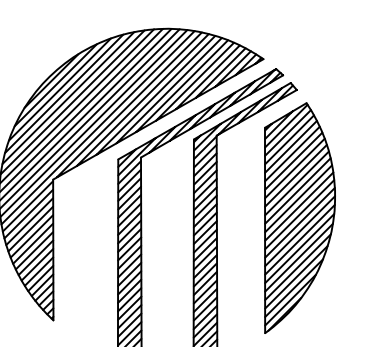


G FRAMED OPENING ISO
SCALE: 1-1/2" = 1'-0"

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Job Name: CLYDE WILKERSON
LAURL ST
PENSACOLA FL 32505
Job Number: E032-ST

TRI-STEEL HOMES
5400 SOUTH STEMMONS FREEWAY CORINTH, TEXAS 76205
RESIDENCE FOR CLYDE WILKERSON



Drawn by: JWC 07-22-05
Checked by:
Revisions:

S4.0

Model: SARATOGA
PO#: E032-ST

STRUCTURAL NOTES

STRUCTURAL STEEL

- Cold formed steel structural members and panels shall be designed in accordance with the AISI "Specifications for the Design of Cold Formed Steel Structural Members", 1996 Edition.
- Structural steel members and plates greater than 1.0 inches in thickness shall be designed in accordance with the AISC "Specifications for the Design, Fabrication and Erection of Structural Steel for Buildings", 1989 Edition.
- Cold formed structural steel members and pieces shall be of the sizes and shapes noted on the drawings and shall conform to ASTM A570 Grade 50 with minimum yield strength 50 ksi.
- Structural members, plates, etc. greater than 1.0 inches in thickness shall conform to ASTM A572 Grade 50 with minimum yield strength of 50 ksi.
- Structural tubing shall conform to ASTM A500 Grade B with minimum yield strength of 48 ksi.
- Roof purlins and interior framing strips shall be of the sizes indicated on the drawings and shall be hot shaped sections manufactured from sheet steel conforming to ASTM A446 Grade A with minimum yield strength of 33 ksi. Galvanizing shall conform to ASTM A525 coating class 60.
- Non load bearing steel studs and floor joists shall be as noted on the drawings and shall conform to ASTM A446 grade A with minimum yield strength of 33 ksi. Galvanizing shall conform to ASTM A525 coating class 60.
- Steel panels shall be of the configuration noted on the drawings and shall be manufactured from sheet steel conforming to ASTM A446 grade E with minimum yield strength of 80 ksi. Sheets shall be coated with .55 oz./sq.ft. galvalume.

CONNECTIONS:

- Welded connections shall conform to the latest revised Specification of the American Welding Society.
- Bolts and bolted connections shall conform to the requirements of the "Specifications for Structural Joints" using ASTM A325 or A490 Bolts.
- All self-drilling self-tapping screws shall conform to S.S.A. Standard B18.6 and shall have 1/8" diameter threads and 1/4" edge distance. Screws shall be zinc plated with cadmium or zinc plating.
- Purlin to rafter connections and framing strip to ceiling beam and/or rafter connections shall be made with (2) #12 x 3/4 hex-head, self-drilling, self-tapping screws at each support.
- All connections, plate sizes, bolts, etc. shall be as shown on the structural framing drawings.
- Steel studs shall be fastened at each flange at the top and bottom tracks with #8 x 1 1/2" self-drilling, self-tapping panhead screws, sheathing material shall be fastened to each side of each stud with #8-20 x 1-1/4" screws at 12 inches on center in the field and 6 inches on center at the edges.

SHEATHING/DECKING:

- Wall and roof sheathing must be installed as shown. Omitting such material voids the structural design of the home. Materials substituted for those shown must be approved in writing by the manufacturer of the home. Any and all wall and/or roof sheathing material omissions and/or substitutions must receive the express written consent of Tri--Steel Homes. Tri--Steel Homes, shall not be responsible for the structural integrity of units constructed in violation with these plans and specifications.
- Where indicated as "APA APPROVED" in these drawings, wall sheathing shall be a minimum 7/16" thick, Exposure 1, Span rated 24/16 bearing on APA approval stamp, veneered plywood, if used, shall be a minimum C-D, Group 1 with the same rating as stated above. Fasten wall sheathing to framing members with #8-20 x 1-1/4" long self-drilling screws spaced at 12" oc in field of plywood sheets and 6" oc at seams and edges of plywood sheet.
- Where indicated as "APA APPROVED" in these drawings, roof sheathing shall be a minimum 7/16" thick, Exposure 1, Span rated 24/16 bearing on APA approval stamp, veneered plywood, if used, shall be a minimum C-D, Group 1 with the same rating as stated above. Fasten roof sheathing to framing members with #8-20 x 1-1/4" long self-drilling screws spaced at 12" oc in field of plywood sheets and 6" oc at seams and edges of plywood sheet.
- Where indicated as "APA APPROVED" in these drawings, floor decking shall be 3/4" APA RATED STURD-I-FLOOR for maximum joist spacing of 20" oc, tongue and groove. Decking shall be glued to joists using adhesives conforming to APA SPECIFICATIONS AFG-01. Fasten floor decking to joists using #8-18 x 1-15/16" long self-drilling screws at 12" oc in field of plywood sheet and 6" oc at edges

DESIGN DATA

CODES & SPECIFICATIONS

THE FLORIDA BUILDING CODES 2004 EDITION.
 INTERNATIONAL BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (IBC 318-99)
 AISI "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS", 1996 EDITION.
 AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDING MATERIALS AND PLASTIC DESIGN", 1989 EDITION.
 SDI "DIAPHRAGM DESIGN MANUAL", 1987 EDITION

LOADS

LIVE LOADS = 30 PSF
 ROOF FLOOR = 40 PSF
 WIND LOADS = 140 MPH
 DESIGN WIND SPEED (3 SECOND GUST) = C
 IMPORTANCE FACTOR = 1
 DEAD LOADS = ACTUAL

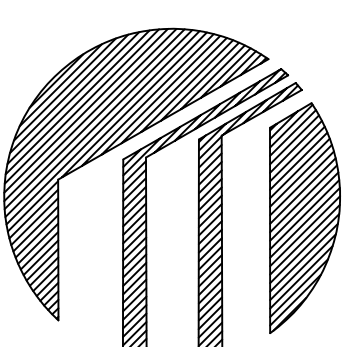
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 Job Name: CLYDE WILKERSON
 LAURL ST
 PENSACOLA FL 32505
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SEAL

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**RESIDENCE FOR
 CLYDE WILKERSON**



Drawn by: JMC 07-22-05
 Checked by:
 Revisions:

Description:
 STRUCTURAL NOTES

Page:

SN1.0

Model: SARATOGA
 PO#: E032-ST