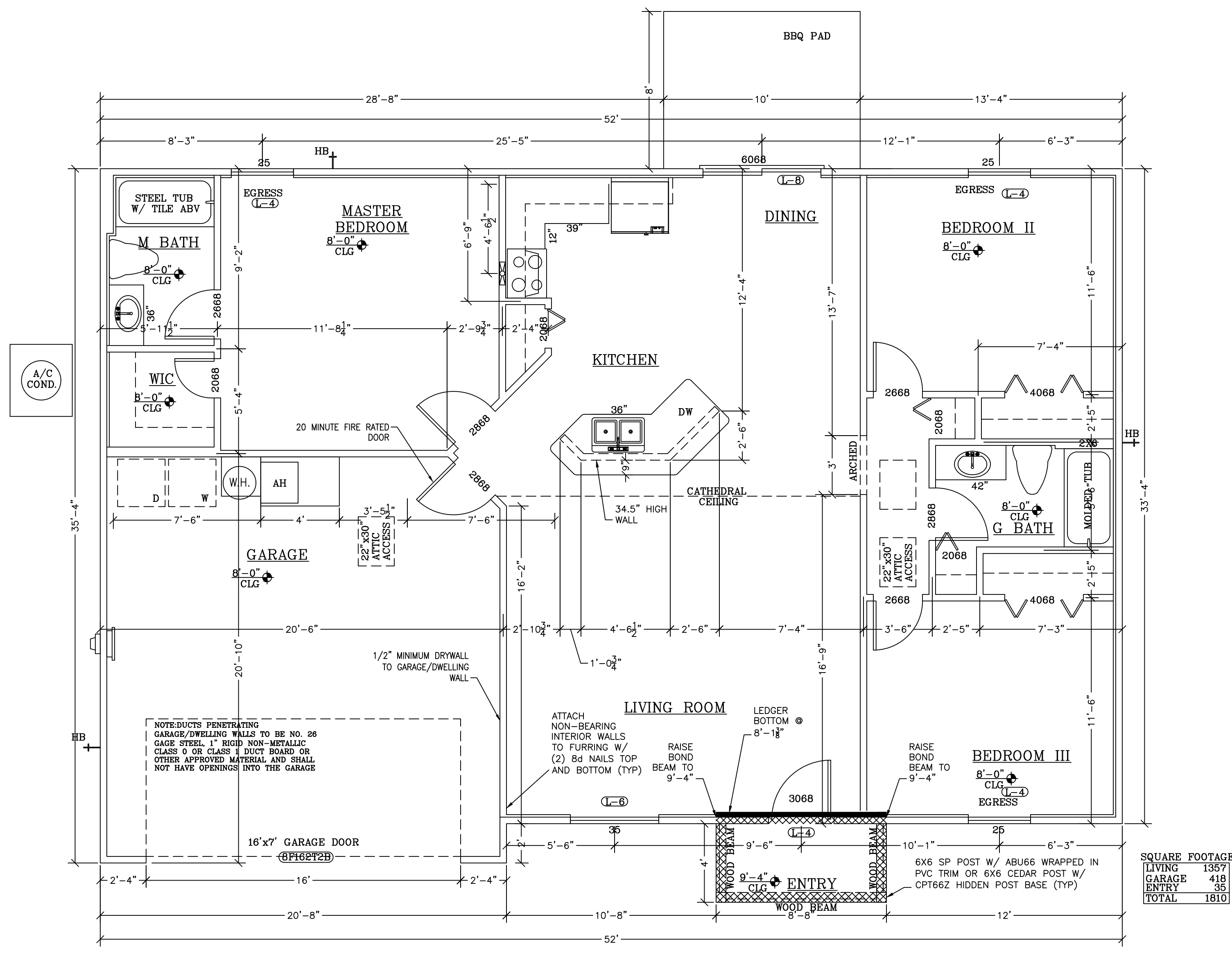
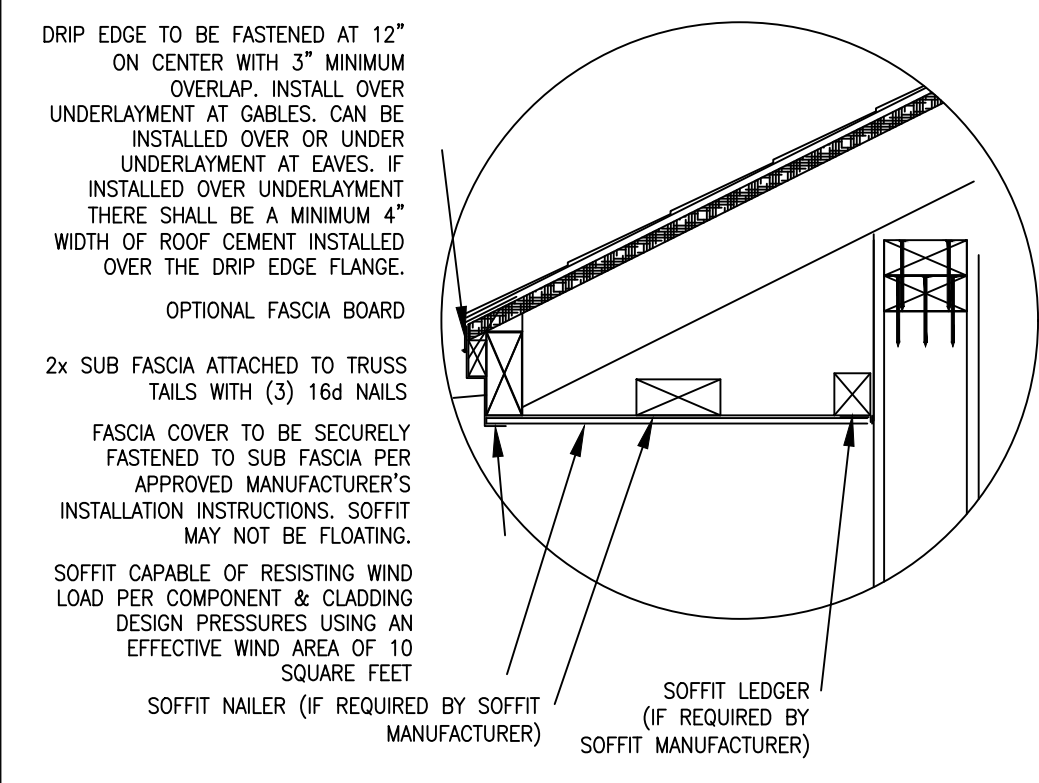


By	Rev	Date	Description
	1	12/20/21	REVISED TYPICAL WALL SECTION
	2	12/29/22	REVISED STICK WALL

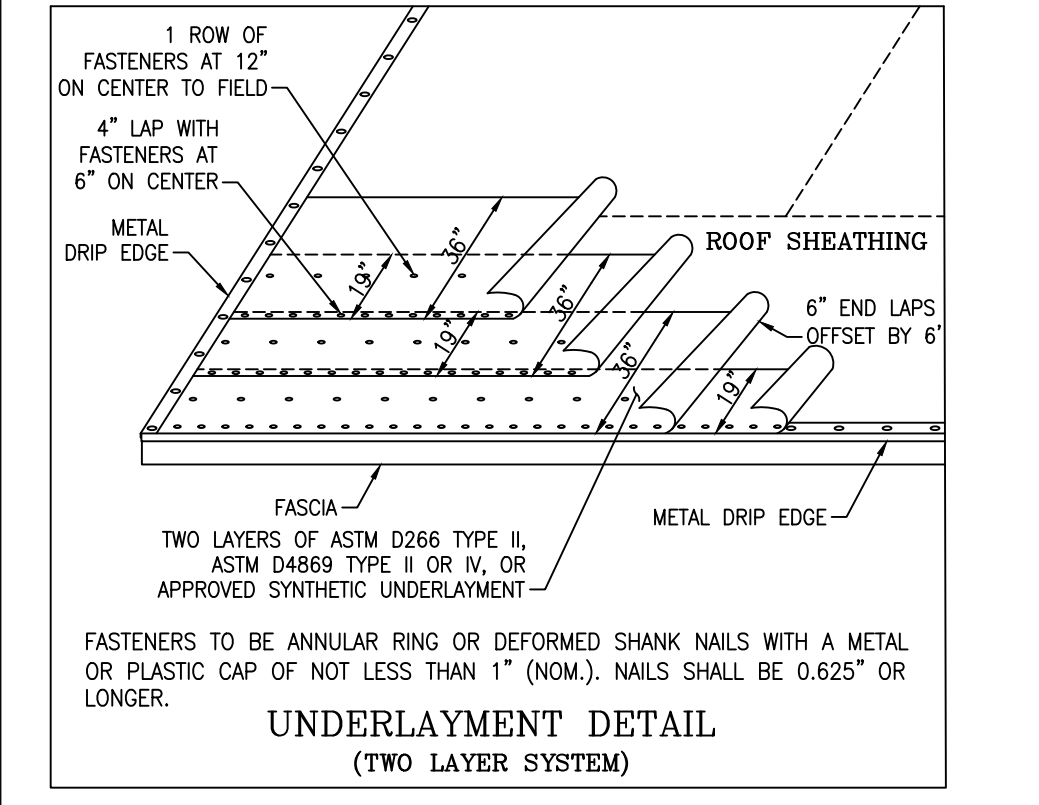


SQUARE FOOTAGE

LIVING	1357
GARAGE	418
ENTRY	35
TOTAL	1810



SOFFIT AND FASCIA DETAIL



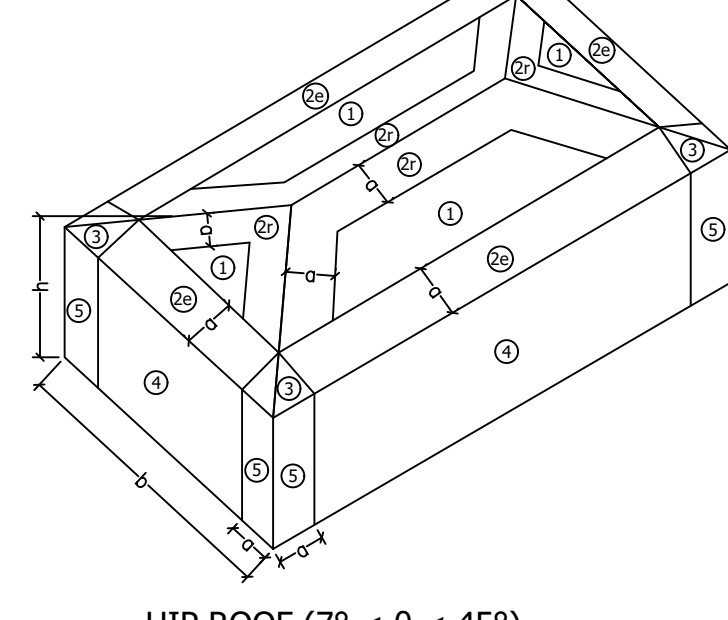
UNDERLAYMENT DETAIL (TWO LAYER SYSTEM)

UNINHABITABLE ATTICS	20 PSF
HABITABLE ATTICS & BEDROOMS	30 PSF
ALL OTHER ROOMS	40 PSF
GARAGE	40 PSF
ROOFS	20 PSF

WIND DESIGN DATA	100 MPH
ULTIMATE WIND SPEED	100 MPH
NOMINAL (BASIC) WIND SPEED	135 MPH
RISK CATEGORY	II
WIND EXPOSURE	C
ENCLOSURE CLASSIFICATION	ENCLOSED
INTERNAL PRESSURE COEFFICIENT	0.18
PROTECHNICAL INFORMATION	
DESIGN SOIL LOAD-BEARING CAPACITY	2,000 PSF
FLOOD ZONE	FLOOD DESIGN DATA

ROOF SHEATHING NOTES FOR 140 MPH WIND SPEED EXP. C

- SHEATHING TO BE 19/32" WOOD STRUCTURAL
- PANELS WITH A 40/20 SPAN RATING
- NAILS TO BE ROOF SHEATHING RING SHANK (RSRS) 2-1/2"x0.131" OR 3"x0.120" AT 6" ON CENTER THROUGHOUT



Component and Cladding Loads (psf)

Ultimate Wind Speed: 140 MPH
Mean Roof Height (ft): 15
Exposure Category: C

ZONE	EFFECTIVE WIND AREA (SQ)	POSITIVE	NEGATIVE
1	10	19.12	-34.24
2	20	16.46	-30.37
3	50	13.07	-23.17
4	100	12.10	-21.30
2e, 2r, 3	10	19.12	-47.31
2e, 2r, 3	20	16.46	-42.23
2e, 2r, 3	50	13.07	-35.57
2e, 2r, 3	100	12.10	-30.61
4	10	25.65	-27.71
4	20	24.44	-26.62
4	50	22.99	-25.06
4	100	21.78	-23.96
5	500	19.12	-21.30
5	10	25.65	-34.24
5	20	24.44	-31.94
5	50	22.99	-28.92
5	100	21.78	-26.62
5	500	19.12	-21.30

Notation

a = 4' in all cases

h = Mean roof height, in ft

θ = Angle of plane of roof from horizontal, in degrees.

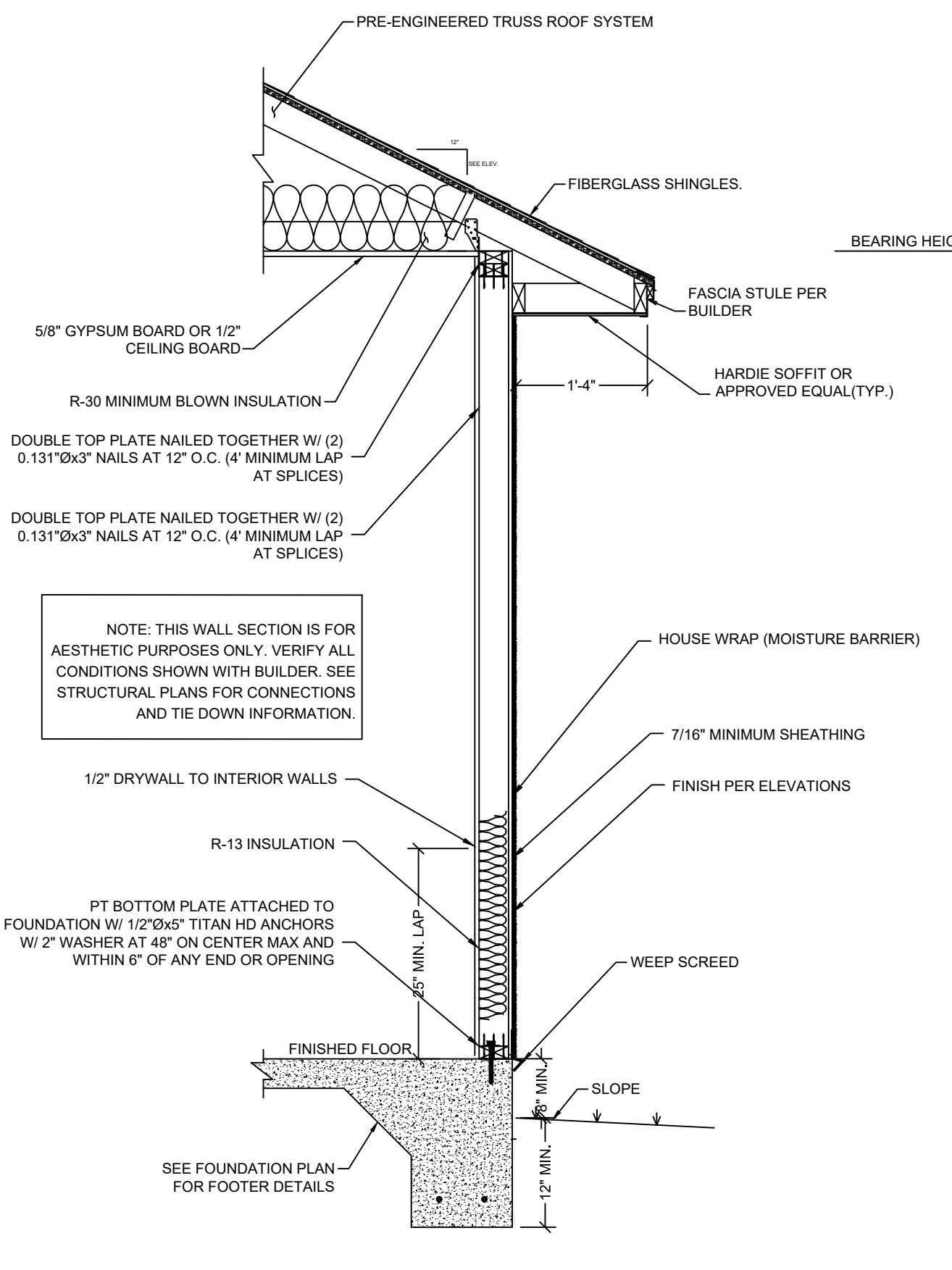
Notes

- Pressures shown are applied normal to the surface, and have been adjusted for exposure and mean roof height.
- Plus and minus signs signify pressures acting toward and away from the surfaces, respectively.
- For effective wind areas between those given, values may be interpolated; otherwise use the value associated with the lower effective wind area.

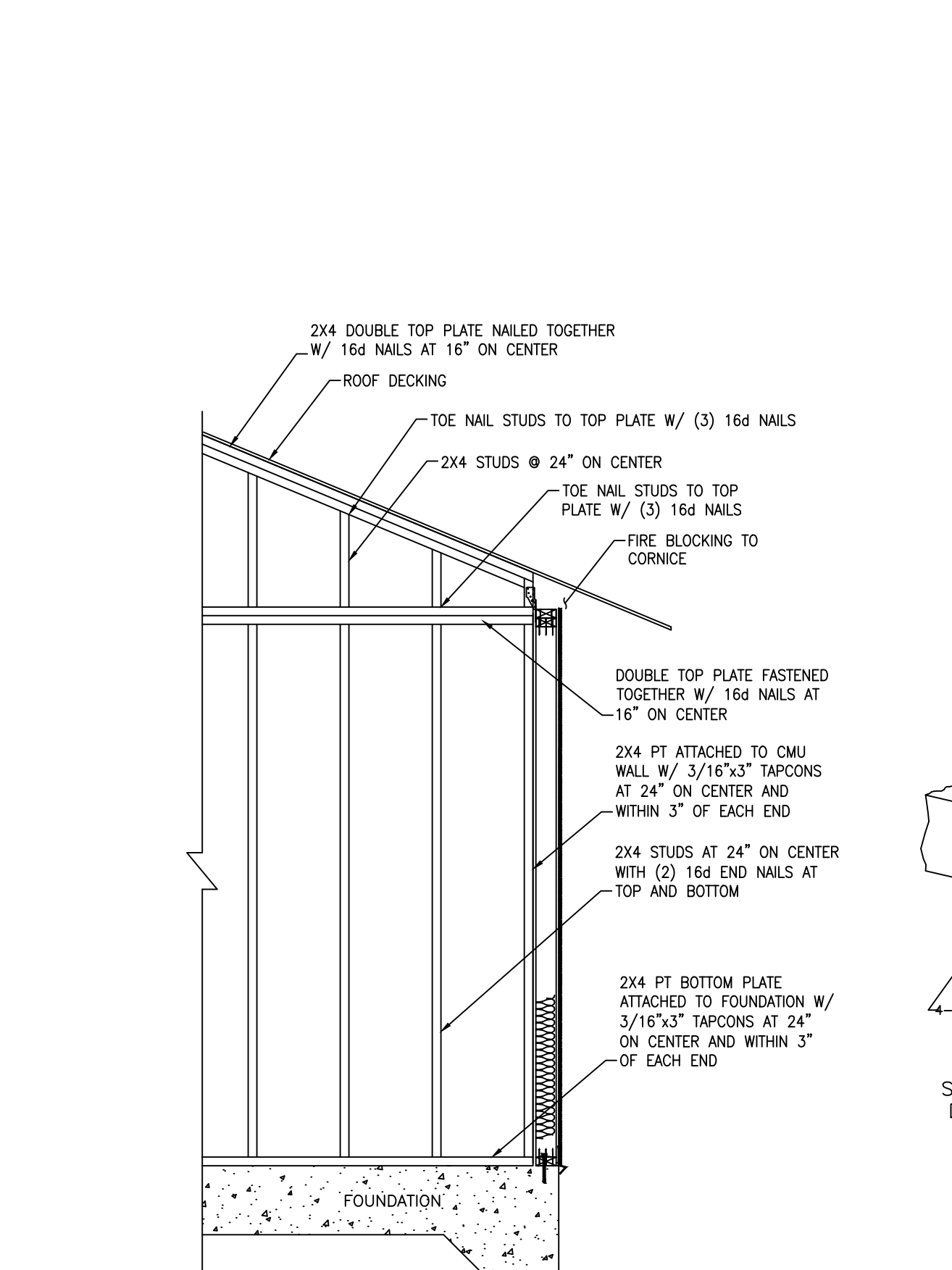
POWER LINTEL - PSx8 (7-5/8" x 16" COMPOSITE)

MARK	NO	NOMINAL CLEAR SPAN	MINIMUM LINTEL #5 TAB	TOTAL FILLED W/ #5 TAB
L-1	1-8	0'-0"	3190	
L-2	2-8	3'-0"	6313	
L-3	3-8	4'-0"	5107	
L-4	3-8	4'-0"	4283	
L-5	4-8	4'-0"	3660	
L-6	4-8	4'-0"	3060	
L-7	6-8	6'-0"	2580	
L-8	6-8	6'-0"	2143	
L-9	7-8	8'-0"	1874	
L-10	8-8	8'-0"	1605	
L-11	8-8	10'-0"	1407	
L-12	10-8	10'-0"	1297	
L-13	10-8	12'-0"	1136	
L-14	12-8	12'-0"	1044	
L-15	12-8	14'-0"	954	
L-16	12-8	14'-8"	869	
L-17	14-8	14'-0"	848	
L-18	16-8	14'-0"	775	
L-19	16-8	16'-0"	698	
L-20	18-8	16'-0"	639	
L-21	20-8	16'-0"	588	
L-22	22-8	16'-0"	547	
L-23	24-8	16'-0"	518	
L-24	26-8	16'-0"	498	
L-25	28-8	16'-0"	481	
L-26	30-8	16'-0"	468	
L-27	32-8	16'-0"	458	
L-28	34-8	16'-0"	451	
L-29	36-8	16'-0"	446	
L-30	38-8	16'-0"	443	
L-31	40-8	16'-0"	441	
L-32	42-8	16'-0"	440	
L-33	44-8	16'-0"	440	
L-34	46-8	16'-0"	440	
L-35	48-8	16'-0"	440	
L-36	50-8	16'-0"	440	
L-37	52-8	16'-0"	440	
L-38	54-8	16'-0"	440	
L-39	56-8	16'-0"	440	
L-40	58-8	16'-0"	440	
L-41	60-8	16'-0"	440	
L-42	62-8	16'-0"	440	
L-43	64-8	16'-0"	440	
L-44	66-8	16'-0"	440	
L-45	68-8	16'-0"	440	
L-46	70-8	16'-0"	440	
L-47	72-8	16'-0"	440	
L-48	74-8	16'-0"	440	
L-49	76-8	16'-0"	440	
L-50	78-8	16'-0"	440	
L-51	80-8	16'-0"	440	
L-52	82-8	16'-0"	440	
L-53	84-8	16'-0"	440	
L-54	86-8	16'-0"	440	
L-55	88-8	16'-0"	440	
L-56	90-8	16'-0"	440	
L-57	92-8	16'-0"	440	
L-58	94-8	16'-0"	440	
L-59	96-8	16'-0"	440	
L-60	98-8	16'-0"	440	
L-61	100-8	16'-0"	440	

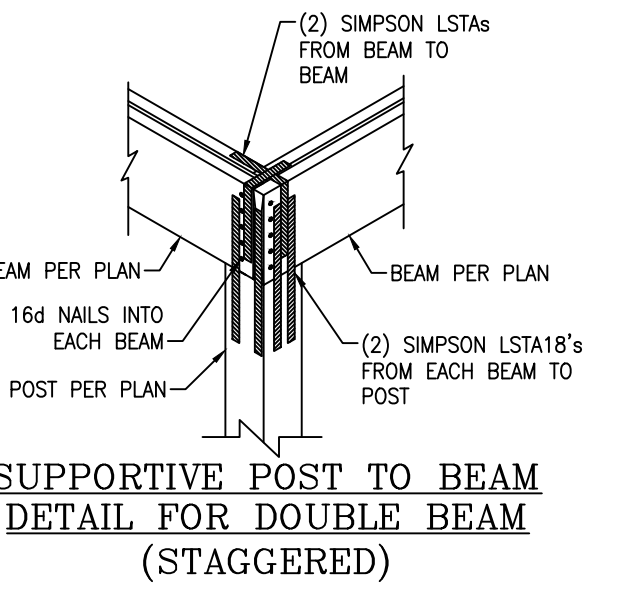
NOTE: ALL LINTELS GREATER THAN 22'-0" IN LENGTH WILL REQUIRE (2) #5 BARS TOP OR (2) #5 BARS TOP & BOTTOM



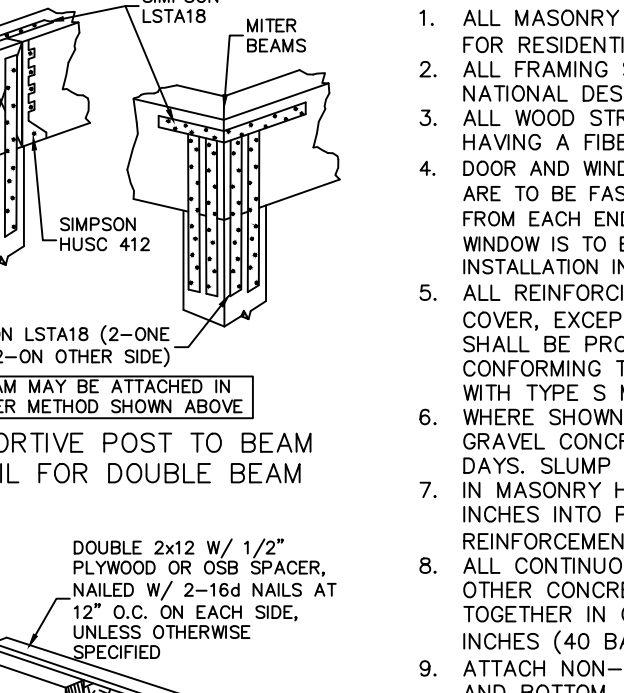
TYPICAL WALL SECTION
SCALE: 1" = 1'-0"



FIRE PARTITION ELEVATION



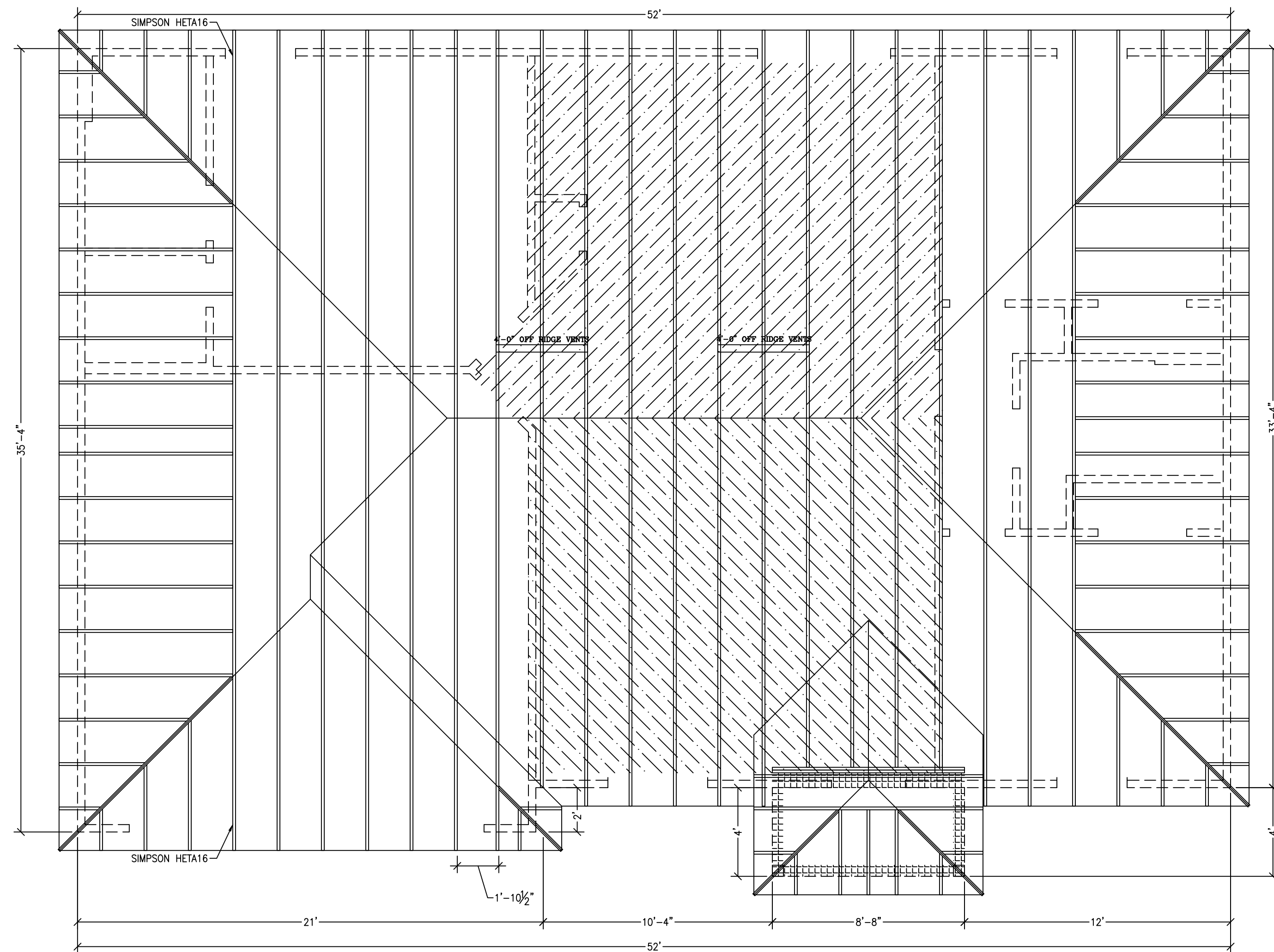
SUPPORTIVE POST TO BEAM DETAIL FOR DOUBLE BEAM (STAGGERED)



SUPPORTIVE POST TO BEAM DETAIL FOR DOUBLE BEAM

- GENERAL NOTES**
- THE ENGINEER OF RECORD HAS DESIGNED THIS STRUCTURE IN ACCORDANCE WITH THE STRUCTURAL REQUIREMENTS OF:
 - THE 2023 FLORIDA BUILDING CODE (8th EDITION) AND
 - THE WIND LOAD REQUIREMENTS OF ASCE 7.
 - TERMINAL AND WATER INTRUSION PROTECTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NOT THAT OF THE ENGINEER.
 - THE DETAILS AND NOTES IN THIS PLAN ARE NOT INTENDED TO SUPERSEDE THOSE IN THE ABOVE REFERENCED CODES OR INSTALLATION INSTRUCTIONS FROM THE MANUFACTURER. THEY ARE TO SHOW HOW THE CODE/INSTRUCTIONS WILL BE APPLIED TO THIS DESIGN AND TO PROVIDE CLARITY IN INSTANCES WHEN THE CODE/INSTRUCTIONS DO NOT. WHEN A DETAIL OR NOTE DOES NOT AGREE WITH THE CODES/INSTRUCTIONS FROM THE MANUFACTURER, THE CODE/INSTRUCTIONS SHALL GOVERN. INSPECTION, RIDDLE-NEWMAN ENGINEERING WILL NOT ASSUME RESPONSIBILITY FOR ITEMS INSTALLED CONTRARY TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. FAILURE TO FOLLOW THE INSTRUCTIONS WILL RESULT IN A FAILURE OF YOUR INSPECTION. RIDDLE-NEWMAN ENGINEERING WILL NOT ASSUME RESPONSIBILITY FOR ITEMS INSTALLED CONTRARY TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS NOR WILL THEY PROVIDE ALTERNATIVE INSTRUCTIONS THAT ARE CONTRARY TO THOSE PROVIDED BY THE MANUFACTURER.
 - ALL CONNECTIONS HAVE BEEN CHECKED TO WITHSTAND ALL APPLICABLE LOADS.
 - CONTRACTOR MAY SUBSTITUTE CONNECTORS OF EQUAL QUALITY, PERFORMANCE AND MATERIAL SPECIFICATIONS AS SHOWN.
 - ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUCTED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE ON THE PROJECT, EXCEPT WHERE A DIFFERENT DETAIL IS SHOWN.
 - INTERIOR WALLS ARE NON-SUPPORTIVE UNLESS NOTED OTHERWISE.

- MASONRY NOTES**
- ALL MASONRY WALLS HAVE BEEN DESIGNED IN ACCORDANCE WITH ICC STANDARD FOR RESIDENTIAL CONSTRUCTION IN HIGH-WIND REGIONS (ICC 600)
 - ALL FRAMING SHALL BE FABRICATED AND INSTALLED AS PER AISC, TPI AND NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.
 - ALL WOOD STRUCTURAL MEMBERS SHALL BE CONTROLLED STRESS GRADE LUMBER HAVING A FIBER STRESS OF AT LEAST 1200 PSI.
 - DOOR AND WINDOW BUCKS ARE TO BE PRESSURE TREATED. BUCKS THICKER THAN 1-1/4" ARE TO BE FASTENED TO MASONRY WITH 1/4" TAPCONS WITH 1-1/4" EMBEDMENT AT 4" FROM EACH END AND 24" ON CENTER MAX. FOR BUCKS THINNER THAN 1-1/2" DOOR OR WINDOW IS TO BE FASTENED TO MASONRY THRU THE BUCK PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - ALL REINFORCING STEEL SHALL BE PROVIDED WITH A MINIMUM OF 2" OF CONCRETE COVER, EXCEPT BELOW GRADE, WHERE A MINIMUM OF 3" OF CONCRETE COVER SHALL BE PROVIDED. ALL CONCRETE BLOCKS SHALL BE STANDARD WEIGHT BLOCKS CONFORMING TO ASTM C90, GRADE NI WITH fm=1000 PSI, LAID IN RUNNING BOND WITH TYPE S MORTAR.
 - WHERE SHOWN, CORES OF CONCRETE BLOCK MASONRY SHALL BE FILLED WITH PEA GRAVEL CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. SLUMP SHALL BE EQUAL TO 8-10 INCHES.
 - IN MASONRY HEADERS EXTEND THE BOTTOM STEEL REINFORCEMENT A MINIMUM OF 6 INCHES INTO PLASTER OR POURED COLUMN AND WIRE TIE TO VERTICAL REINFORCEMENT STEEL (REBARS).
 - ALL CONTINUOUS VERTICAL OR HORIZONTAL REBARS IN FOOTINGS, BEAMS AND OTHER CONCRETE SHALL BE SPLICED WHERE NECESSARY OR DESIRABLE BY WRING TOGETHER IN CONTACT. THE LENGTH OF #5 BAR LAPS SHALL BE A MINIMUM OF 25 INCHES (40 BAR DIAMETERS).
 - ATTACH NON-BEARING INTERIOR WALLS TO FURRING STRIPS W/ (2) 8d NAILS TOP AND BOTTOM



1810/300 = 6.03 SQ' (669 SQ') REQUIRED
 348-434 SQ' OF UPPER VENTILATORS REQUIRED*
 521 OR MORE SQ' OF EAVE OR CORNICE VENTS REQUIRED
 188'x1.33=250 SQ' OF SOFFIT
 USE SOFFIT W/ MINIMUM 2.1 SQ'/SQ' NET FREE AREA OR ADD VENTS
 * UPPER VENTILATORS TO BE NO MORE THAN 3' BELOW THE HIGHEST RIDGE UNLESS WALL OF ROOF FRAMING MEMBERS DON'T ALLOW

TRUSS NOTE
 TRUSSES TO BE HANDLED, ERECTED, TEMPORARILY BRACED, PERMANENTLY BRACED AND LOADED PER THE SBCA'S BUILDING COMPONENT SAFETY INFORMATION (BCSI) GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING & BRACING OF METAL PLATE CONNECTED WOOD TRUSSES

Drafting Firm:
 Elite Drafting & Design, LLC.
 16798 SE 175th Terrace Rd
 Weirsdale, FL 32195
 (352) 821-2448
 Building Authority:
 Citrus County Building Division
 3600 W Sovereign Path #111
 Lecanto, FL 34461
 (352) 527-5310

Rev	Date	Description
1		
2		
3		
4		
5		

The Holoram II Model

A Project For:
CKF Construction Services
 5711 Richard St., Suite 1
 Jacksonville, FL 32216

Truss Plan LHD

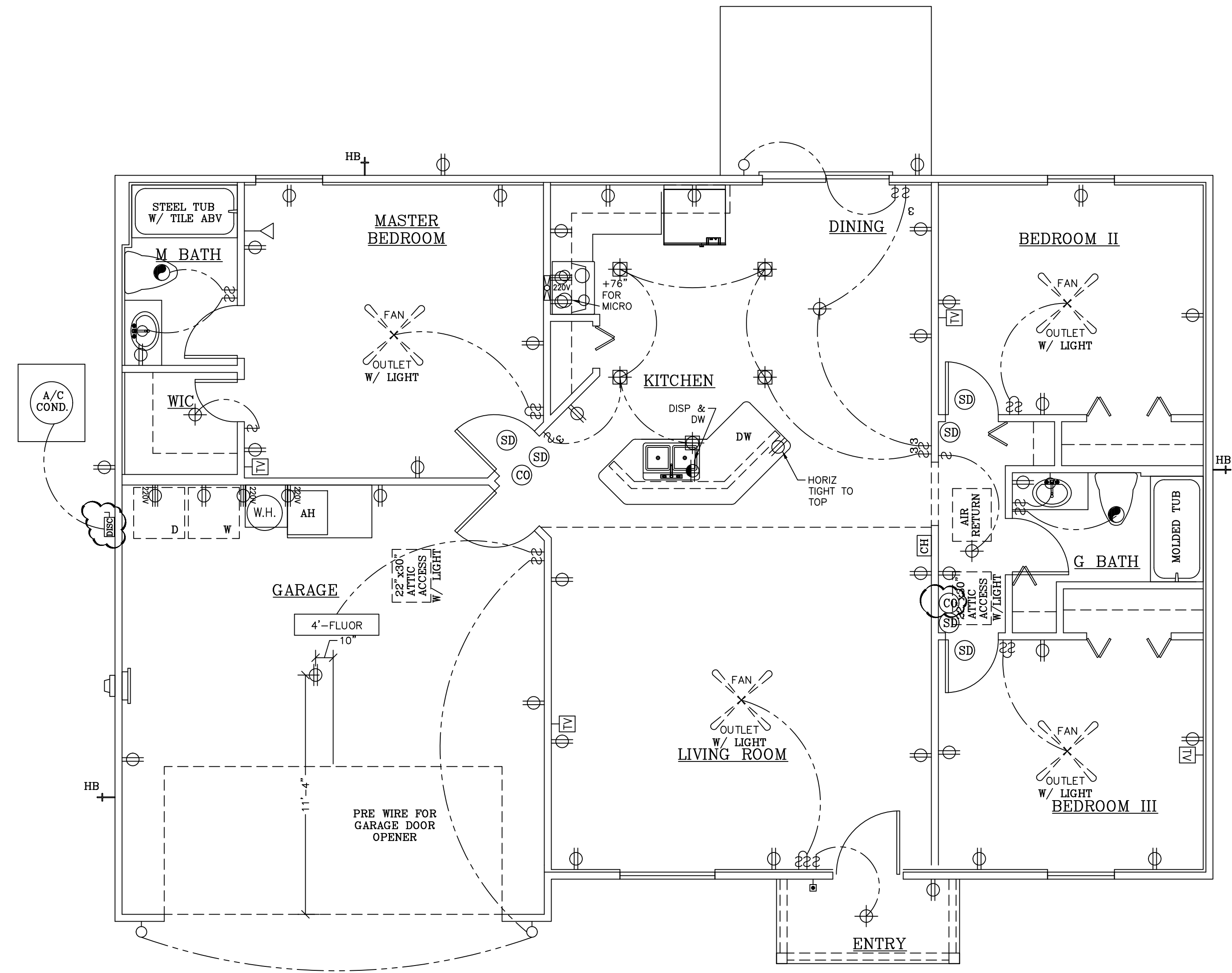
Drawn by:	Checked by:	1,357 sf
RKL	CG	
Issued Date:	Scale (I.N.O.):	
9/23/25	1/4" = 1'-0"	
Printed Date:	Sheet Number:	
12/10/25	4 of 5	

Rev	Date	Description
1	12/20/21	ADDED A/C DISC, CO DETECTOR, RISER DIAGRAM, AND REVISED NOTES.

The Holoram II Model

A Project For:
CKF Construction Services
5711 Richard St, Suite 1
Jacksonville, FL 32216

Sheet Description		1,357 sf
Electric Plan	LHD	
Drawn by:	Checked by:	
RKL	CG	
Issued Date:	Scale (I.N.O.):	
9/23/25	1/4" = 1'-0"	
Printed Date:	Sheet Number:	
12/10/25	5 of 5	



ELECTRICAL LEGEND

	DUPLEX OUTLET
	QUAD OUTLET
	1/2 SWITCHED OUTLET
	220V OUTLET
	2-WAY SWITCH
	3-WAY SWITCH
	4-WAY SWITCH*
	DIMMER SWITCH
	RHEOSTAT
	COAX TERMINAL
	PHONE TERMINAL
	DATA TERMINAL
	CEILING MOUNT LIGHT
	MINI SOFFIT LIGHT
	RECESSED LIGHT
	WALL LIGHT
	EXHAUST FAN
	EXHAUST FAN/LIGHT COMBO
	SMOKE DETECTOR
	CARBON MONOXIDE DETECTOR
	SHOP LIGHT
	FAN OUTLET

NOTE
ALL ELECTRIC TO BE INSTALLED PER 2017 NATIONAL ELECTRIC CODE

ELECTRIC NOTES

- DISHWASHER OUTLET TO BE GFCI PROTECTED.
- ALL 15 AND 20 AMP BRANCH CIRCUITS TO BE ARC FAULT PROTECTED.
- ALL 120V OUTLETS IN LAUNDRY ROOM MUST BE GFCI PROTECTED.
- A COUPLING CANNOT BE PAST THE LAST STRAP OR ABOVE THE ROOF ON AN ELECTRICAL SERVICE RISER.
- UNDERGROUND SERVICE CONDUCTORS CANNOT BE INSTALLED IN CARFLEX.
- A GROUNDED CONDUCTOR (NEUTRAL) IS REQUIRED AT SWITCH LOCATIONS.
- SWITCHES AND RECEPTACLES CANNOT BE INSTALLED WITH DRYWALL SCREWS.
- ALL RECEPTACLES SERVING KITCHEN OR BATHROOM COUNTERTOPS MUST BE GFCI PROTECTED.
- ALL EXTERIOR OUTLETS TO BE WEATHER PROOF AND GFCI PROTECTED.

STANDARD OUTLET HEIGHTS

- UNLESS NOTED OTHERWISE, ALL RECEPTACLES TO BE INSTALLED AT HEIGHTS LISTED BELOW AS MEASURED TO THE BOTTOM:
- STANDARD OUTLETS = 14"
 - EXTERIOR OUTLETS = 24" (HORIZONTAL)
 - OUTLETS ABOVE COUNTERS = 42"
 - WASHER OUTLET = 42"
 - DRYER & REFRIGERATOR OUTLETS = 36"
 - SWITCHES = 42"
 - OUTLETS & SWITCHES IN BATHROOM BACK SPLASH = 34" (HORIZONTAL)

