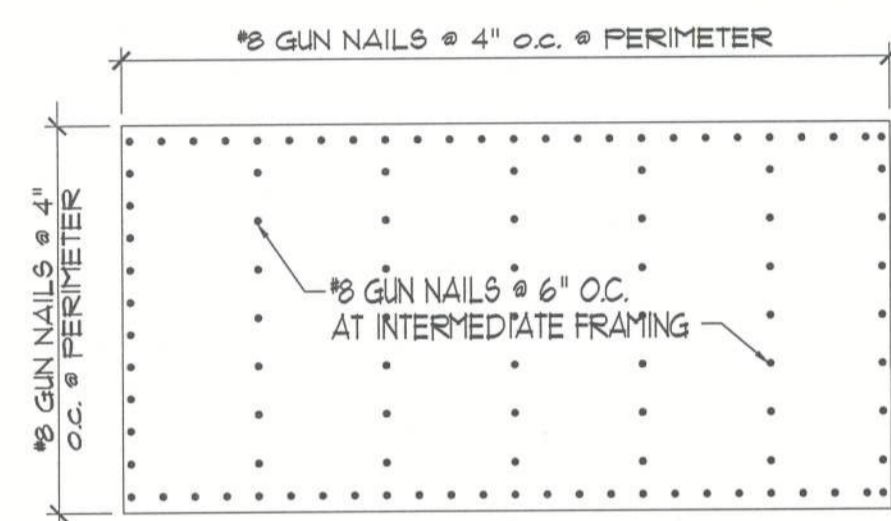


SIZE OF OPENING (Feet-Inches)	16" o.c. STUD SPACING	
	No. of jack studs	No. of king studs
Up to 3'-6"	1	1
>3'-6" to 5'-0"	1	2
>5'-0" to 5'-6"	2	2
>5'-6" to 8'-0"	2	3

SIZE OF OPENING (Feet-Inches)	24" o.c. STUD SPACING		16" o.c. STUD SPACING	
	No. of jack studs	No. of king studs	No. of jack studs	No. of king studs
Up to 3'-6"	1	1	1	1
>3'-6" to 5'-0"	1	2	1	2
>5'-0" to 5'-6"	1	2	2	2
>5'-6" to 8'-0"	2	2	2	2
>8'-0" to 10'-6"	2	2	2	3
>10'-6" to 12'-0"	2	2	3	3
>12'-0" to 13'-0"	2	3	3	3
>13'-0" to 14'-0"	2	3	3	4

1 HEADER & STUD PATTERNS

TYPICAL EXTERIOR WALL SHEATHING ATTACHMENT FOR SHEAR AND UPLIFT



NOTE: 2x4 BLOCK ALL EDGES AT SHEARWALL.

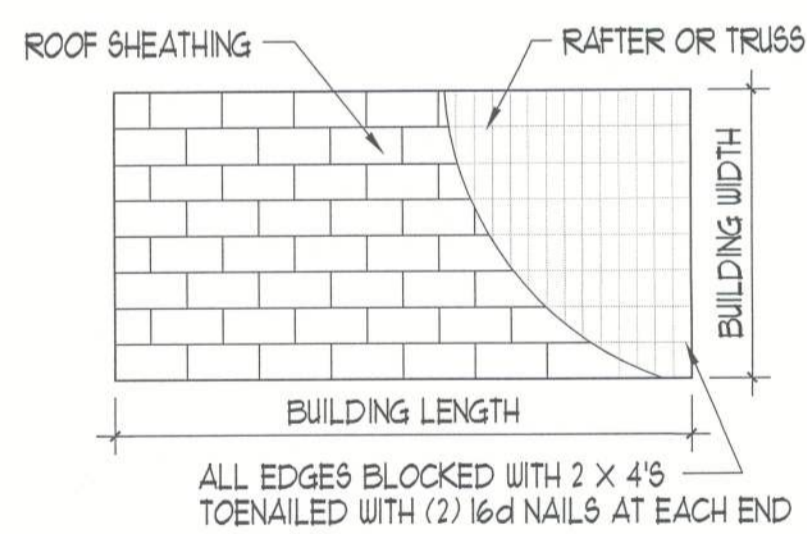
NAIL REQUIREMENTS:

SIZE	HEAD	LENGTH	DIA.	TENSIL STR.
8d	ROUND, MODIFIED OR T	2 1/2"	.131	110,000
10d	"	3"	.148	170,000

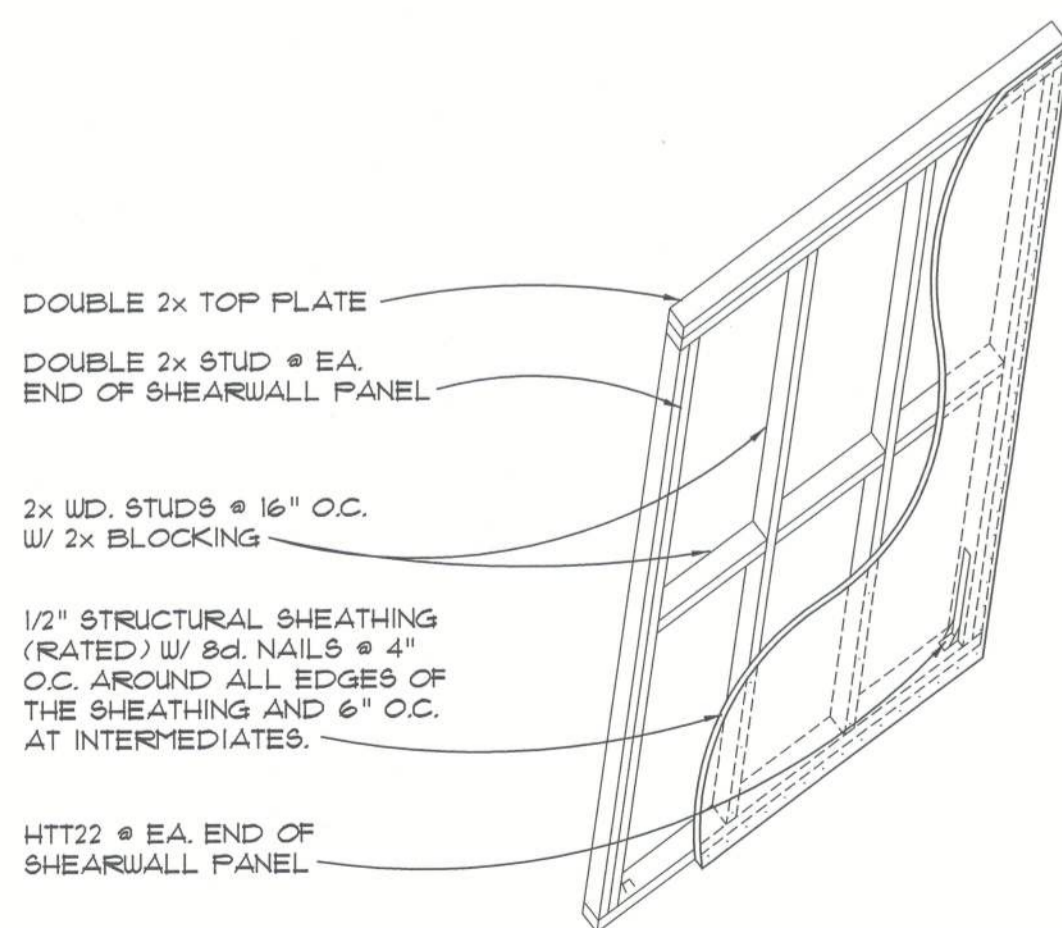
NOTES: 1- NAILS TO BE MFG. OF INT. STAPLE, NAIL, AND TOOL ASSOCIATION
2- GUN NAILS SHALL BE PERMITTED AS AN ACCEPTABLE FASTENER FROM ANY MANUF.

2 NAILING PATTERNS

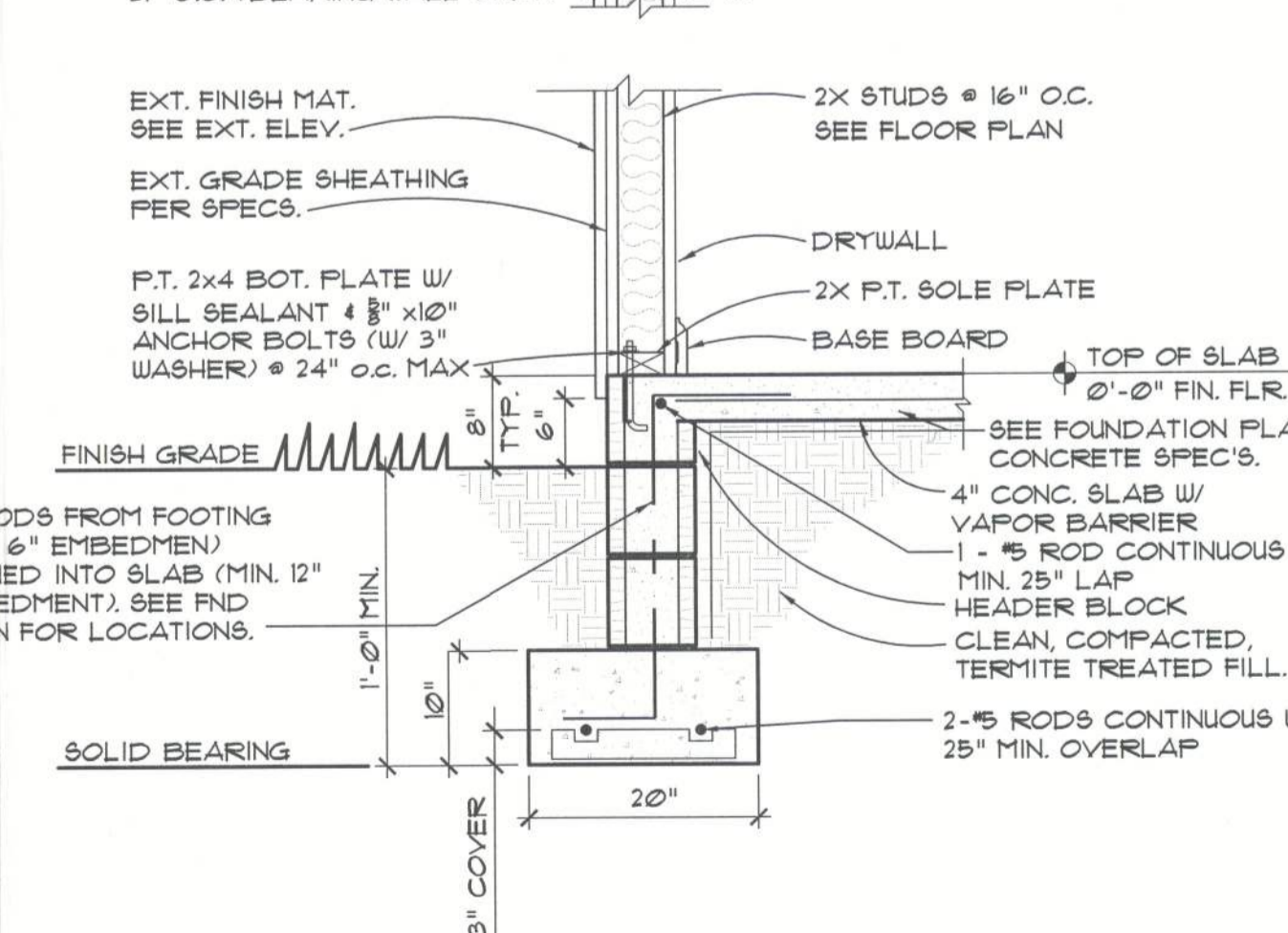
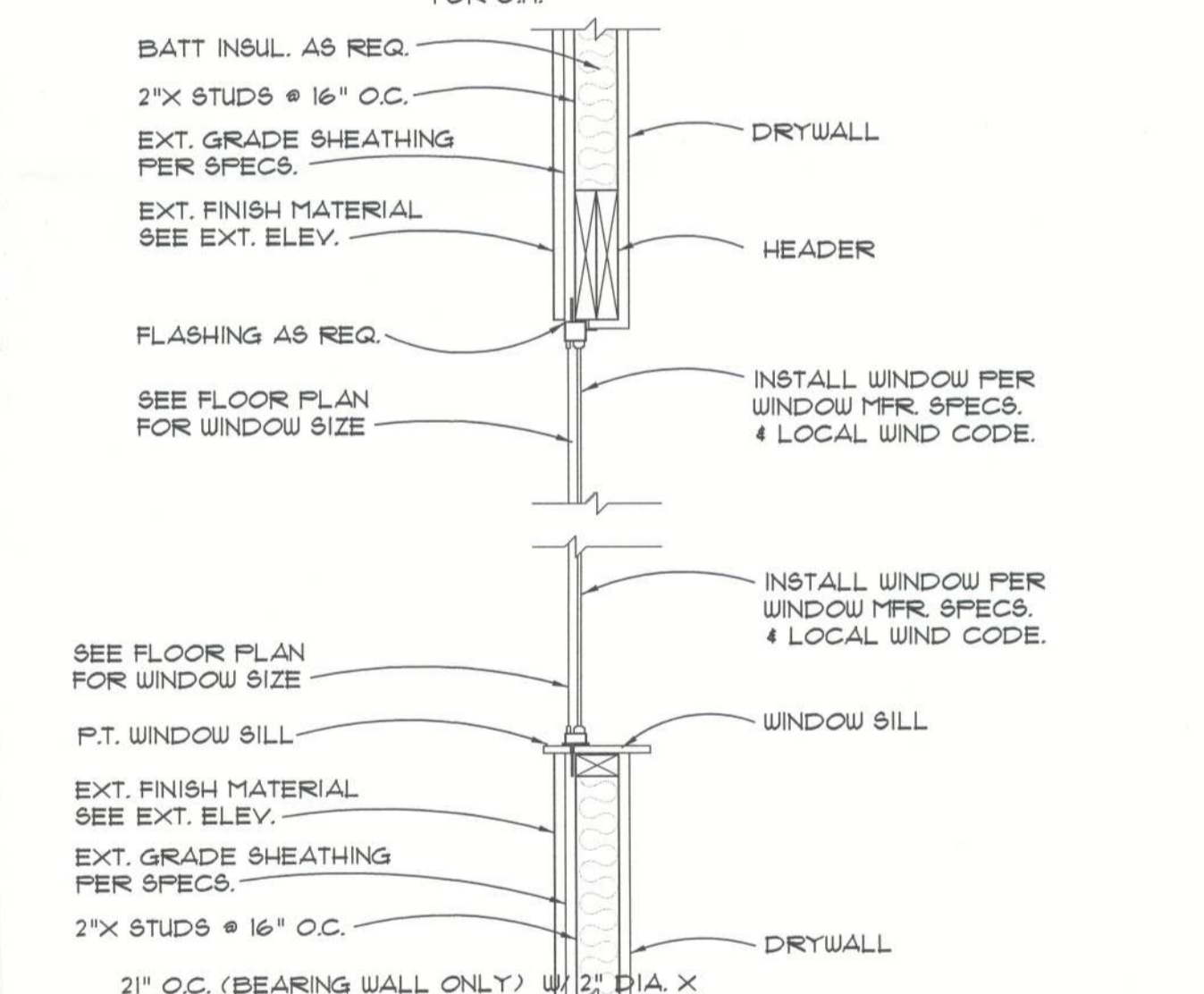
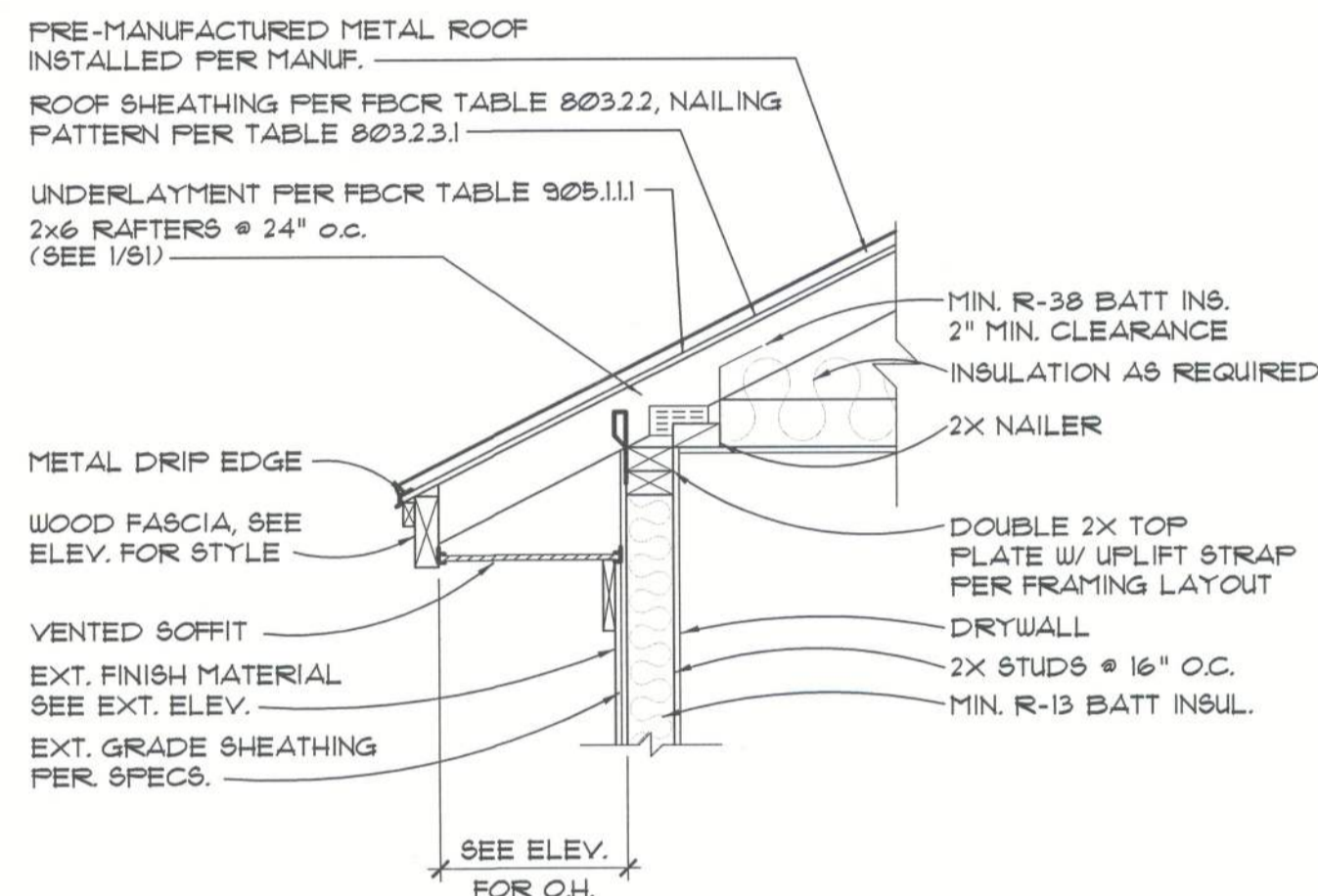
SCALE: N.T.S.



3 GABLE END & SHEATHING LAYOUT

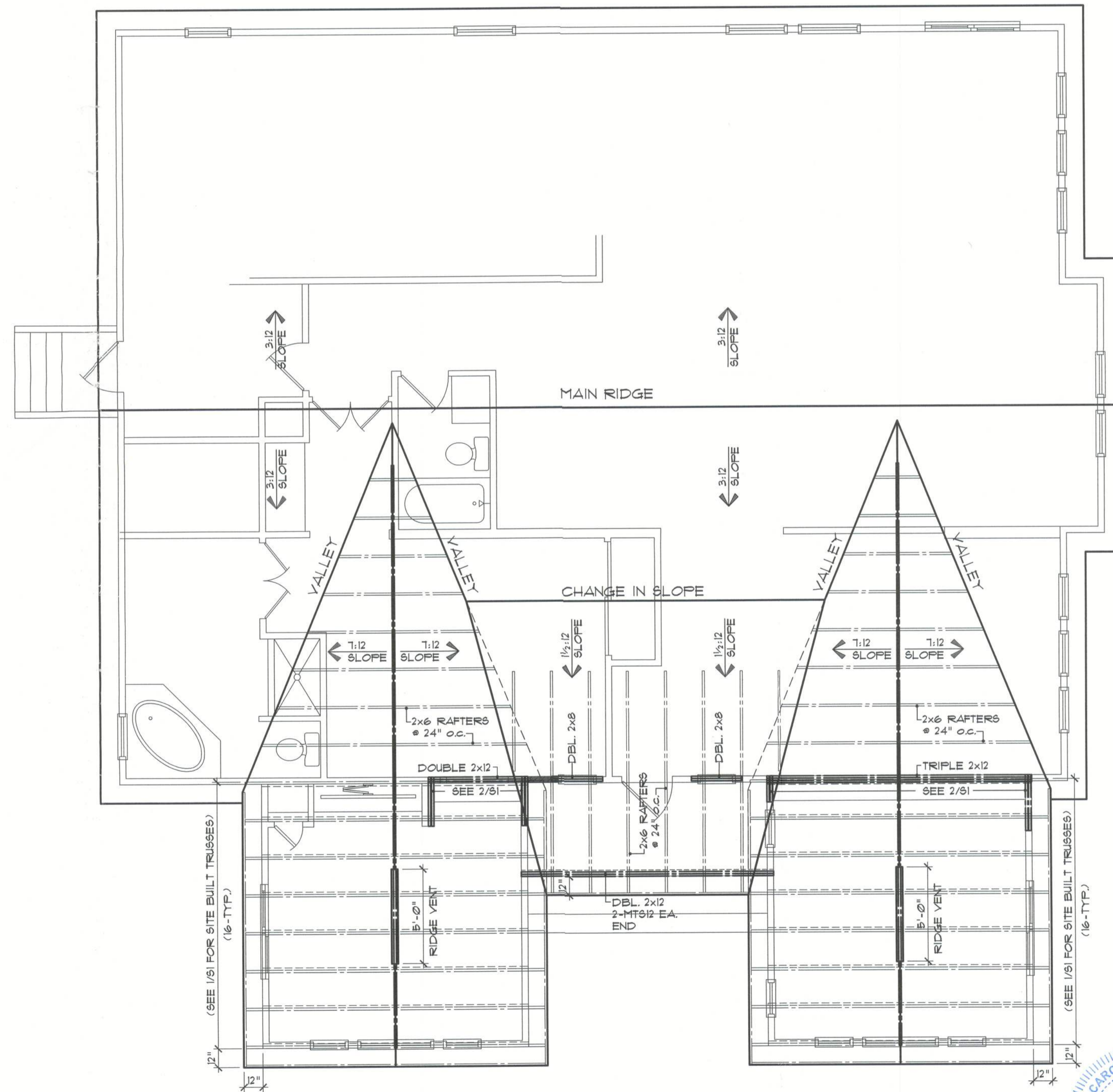


4 SHEARWALL PANEL



5 Frame Wall Section
SCALE: 3/4" = 1'-0" (3 SIDES ONLY. SEE 4/S1)

EACH 14'X14' - VENT SCHEDULE		FBC RES 1TH EDITION (2020) 806.2
		NFVA - NET FREE VENTILATED AREA
ROOF VENTING REQUIRED FOR TYP. ATTIC		
156	50. FT. TOTAL / 150 50. FT.	+131 50. FT. NFVA REQUIRED
EXHAUST INTAKE	26 LF. 12" VENTED SOFFIT @ EAVE x 24 50. FT. PER LF. (GEORGIA PACIFIC VINYL VENT)	+104 50. FT. NFVA
	5 LINEAL FEET OF RIDGE VENT @ 10' / 5F. (PROFLEVENT)	+53 50. FT. NFVA
TOTAL NFVA PROVIDED		+188 50. FT. NFVA



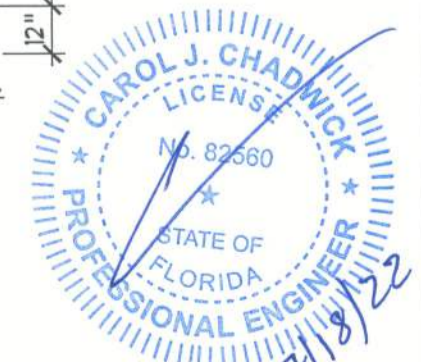
A Roof Plan
SCALE: 1/4" = 1'-0"

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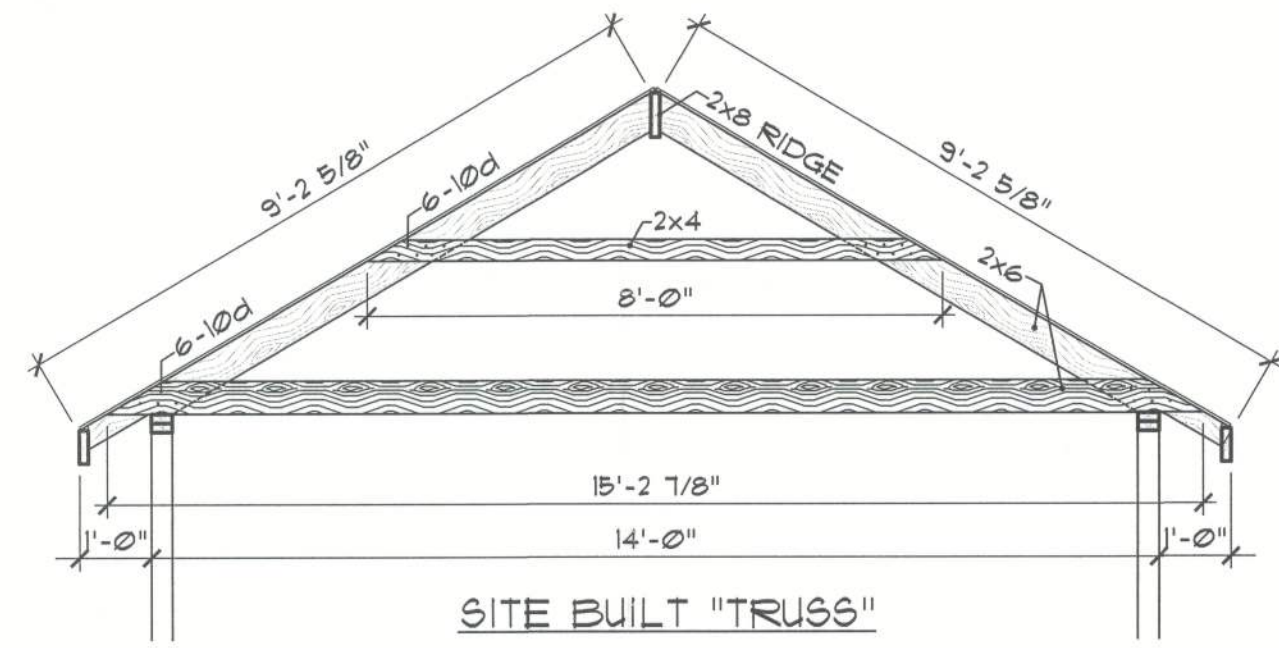
LEWIS ADDITION
5211 NW LAKE JEFFREY ROAD
LAKE CITY, FLORIDA

Seal
CAROL CHADWICK, PE
FLORIDA #82560

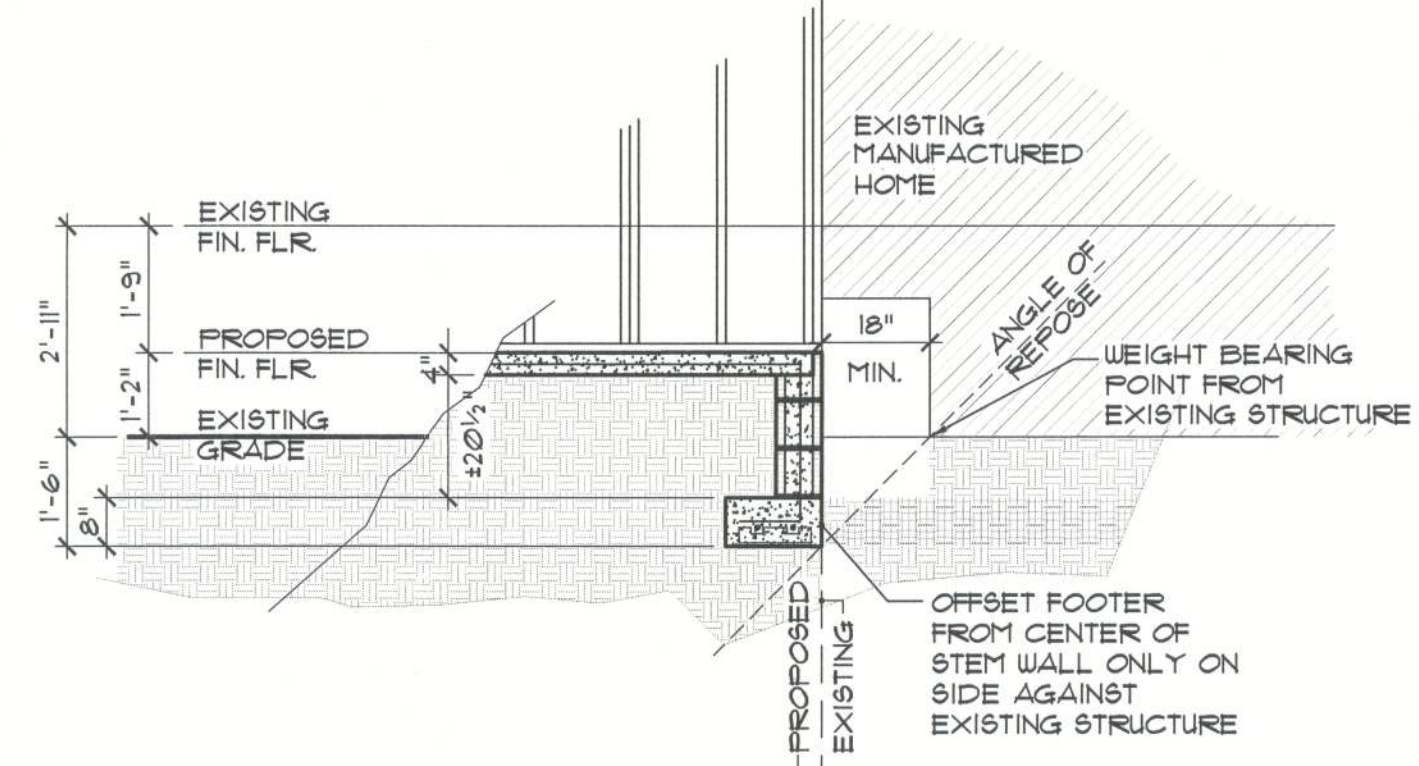
job no
LEWIS
drawn by
DA
checked
DA
date
07/18/22
scale
AS NOTED
drawing no.



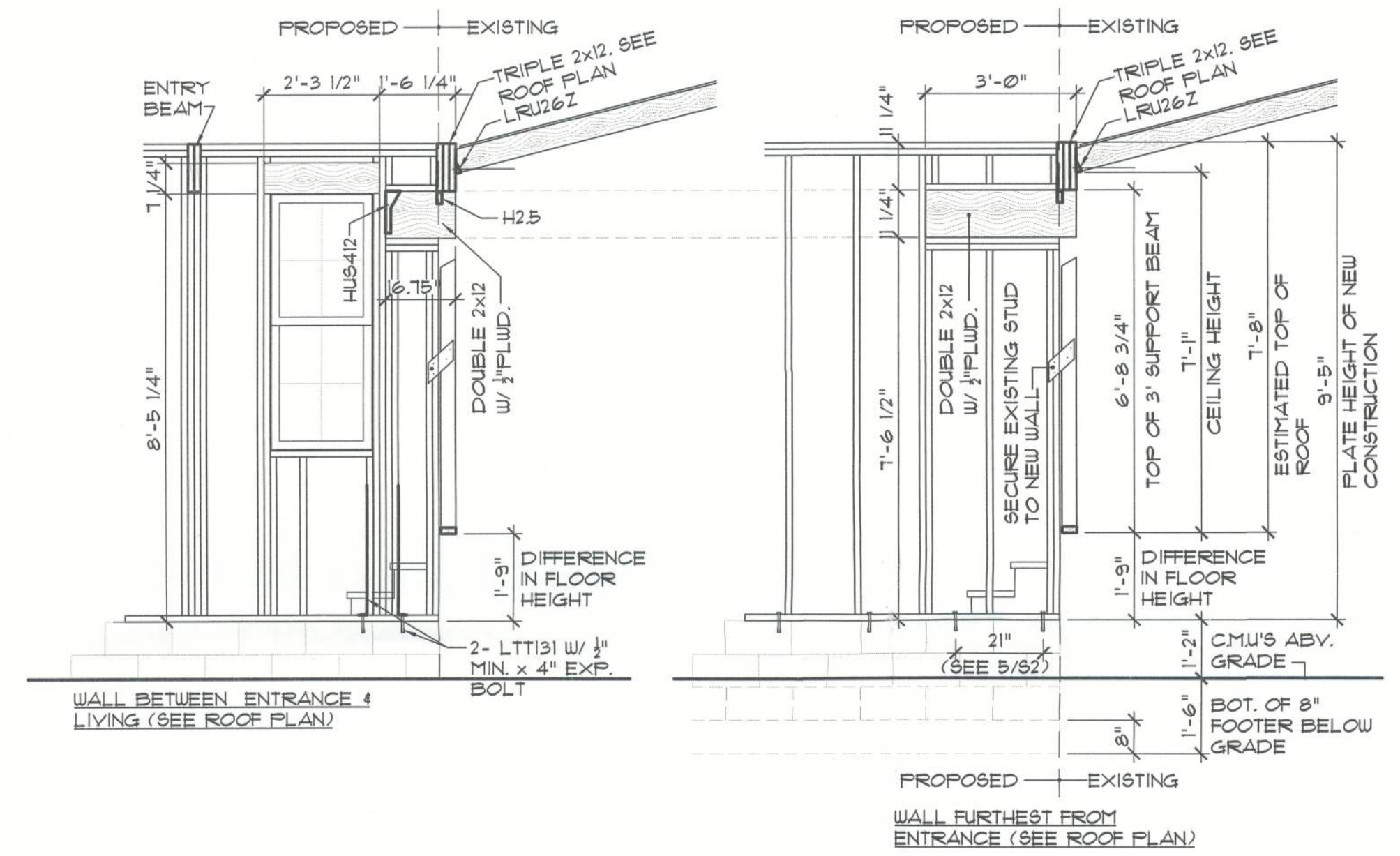
S2



1 Conventional Framing
SCALE: 3/8"=1'-0"
(MAY BE SUBSTITUTED FOR PRE-MANUFACTURED TRUSS)

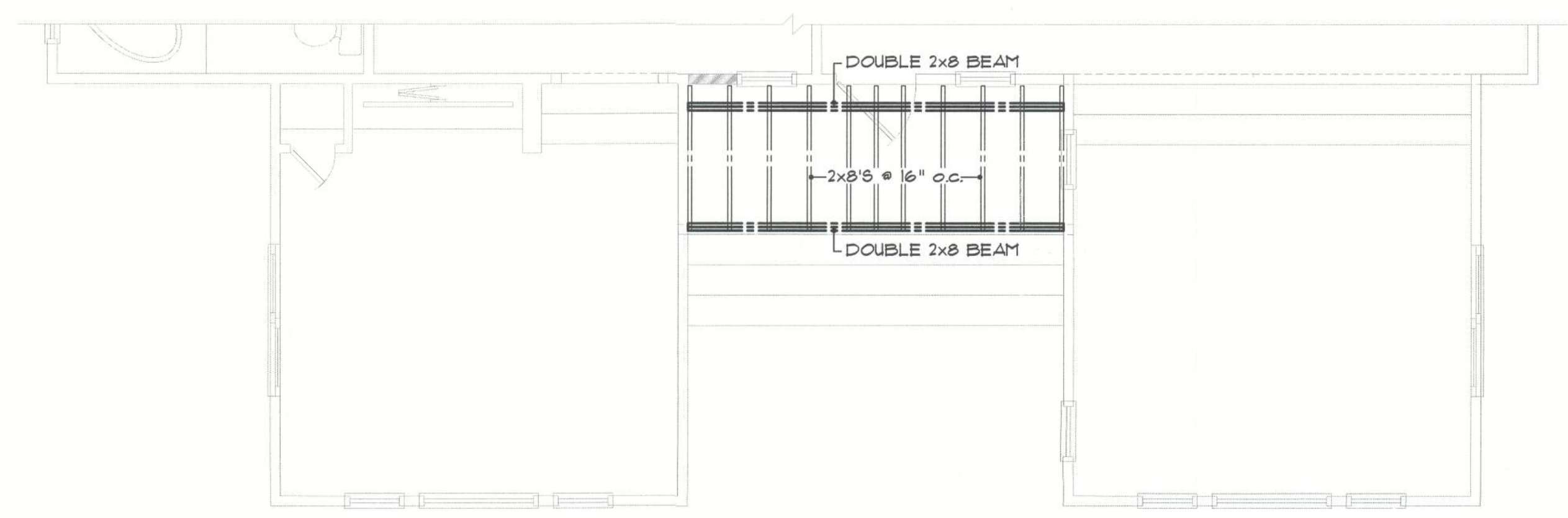


4 Footer Against Existing Structure
SCALE: 3/8"=1'-0"
(ONLY AGAINST EXISTING STRUCTURE. SEE 5/52 FOR OTHER 3 SIDES)

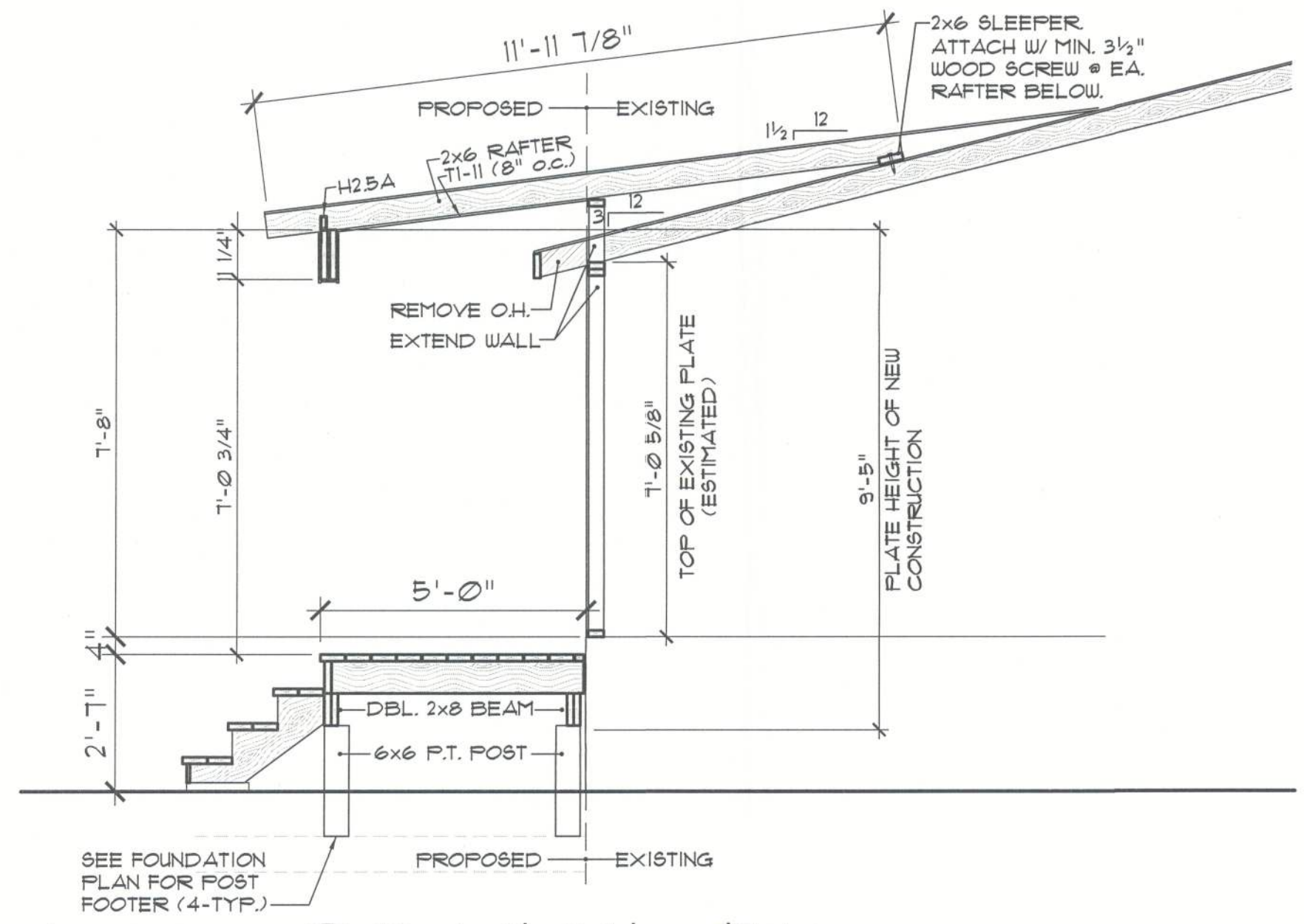


2 Detail @ Living Opening
SCALE: 3/8"=1'-0"

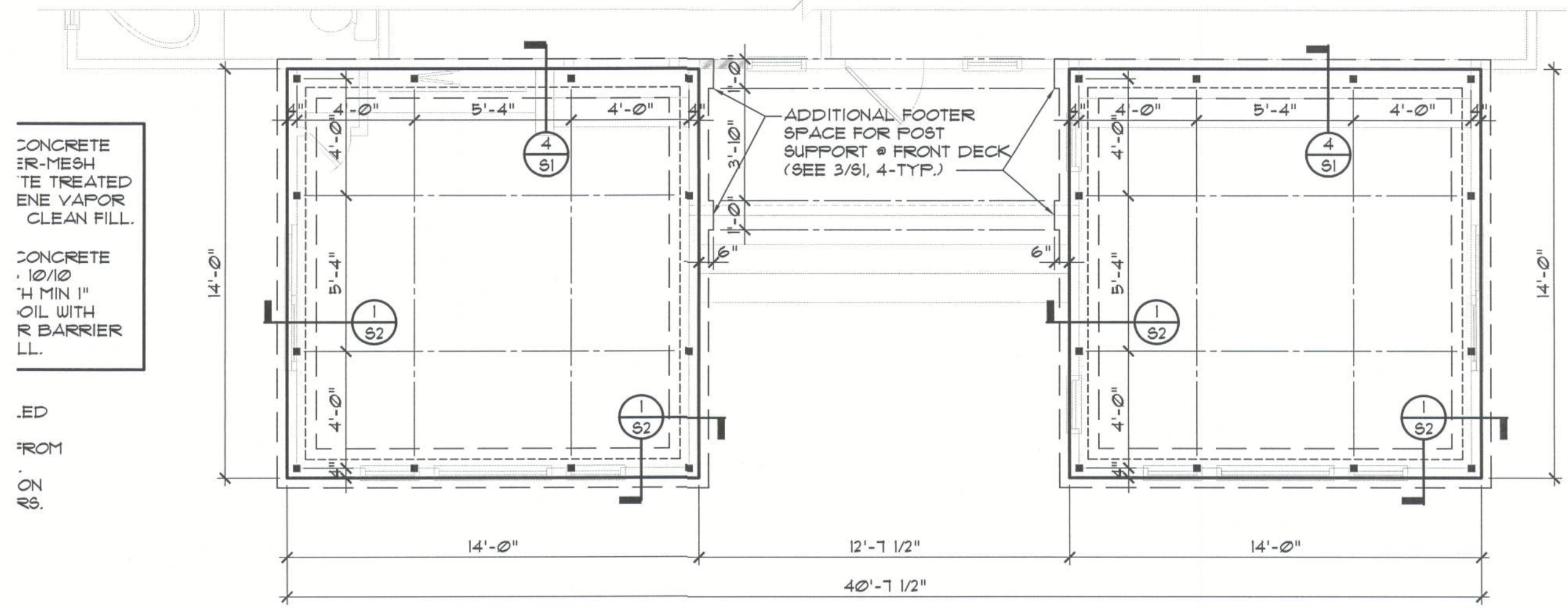
CONSTRUCTION NOTES:
1. PROVIDE INTERIOR SUPPORT PRIOR TO REMOVAL OF EXISTING EXTERIOR WALL STUDS
2. PROVIDE LRU26Z @ EACH RAFTER TO BE SUPPORTED BY NEW BEAM
3. REMOVE INTERIOR TEMPORARY CEILING SUPPORT AFTER ALL RAFTERS (ESTIMATED AT 1) HAVE BEEN PROPERLY ANCHORED TO TRIFLE 2x12 BEAM.
4. CONSIDERABLE EFFORT HAS BEEN MADE TO PORTRAY EXISTING CONDITIONS. HEIGHTS ARE NOT EXACT. ADJUST HEIGHT AS NECESSARY.



A Floor Framing @ Entry
SCALE: 1/4"=1'-0"
(SEE 3/51 FOR THIS AREA)



3 Detail @ New Entry
SCALE: 3/8"=1'-0"



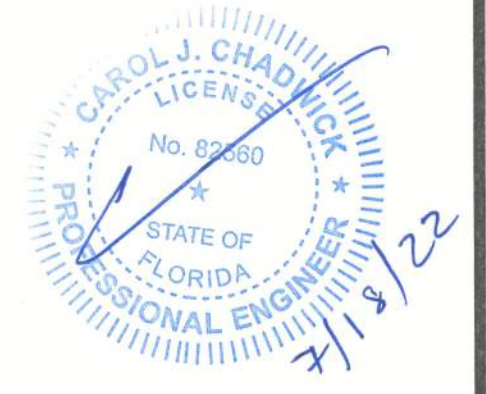
B Foundation Plan
SCALE: 1/4"=1'-0"

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LEWIS ADDITION
5711 NW LAKE JEFFREY ROAD
LAKE CITY, FLORIDA

Seal
CAROL CHADWICK, PE
FLORIDA #82560

job no	LEWIS
drawn by	DA
checked	DA
date	07/18/22
scale	AS NOTED
drawing no.	S1



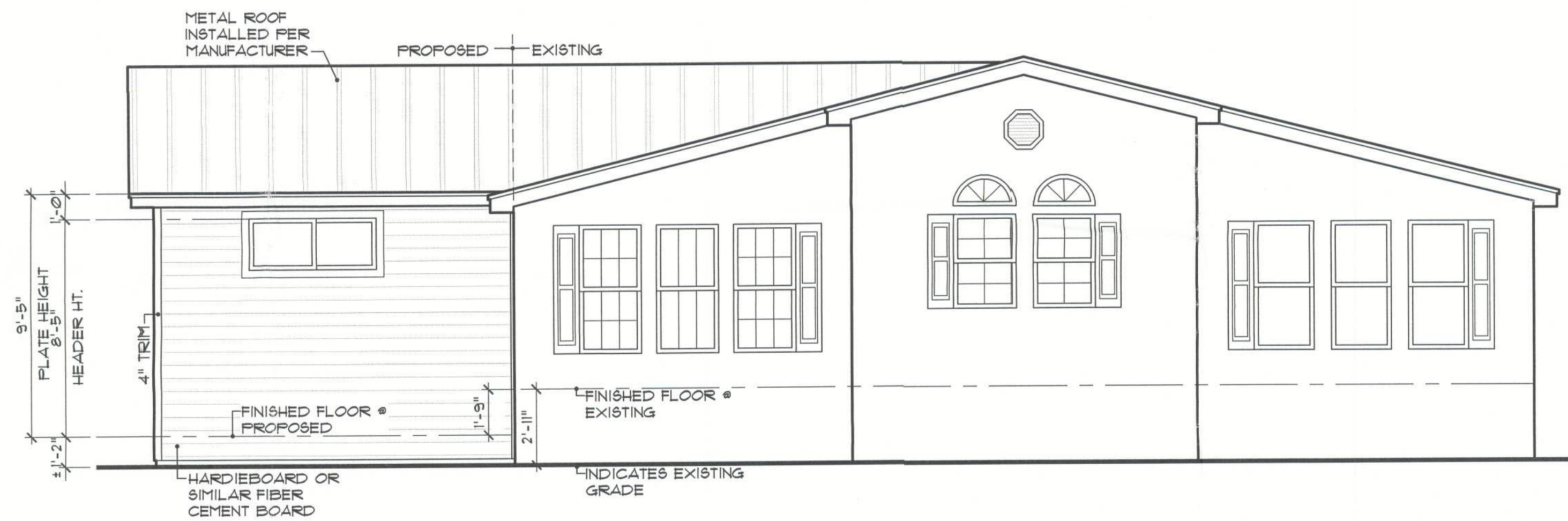
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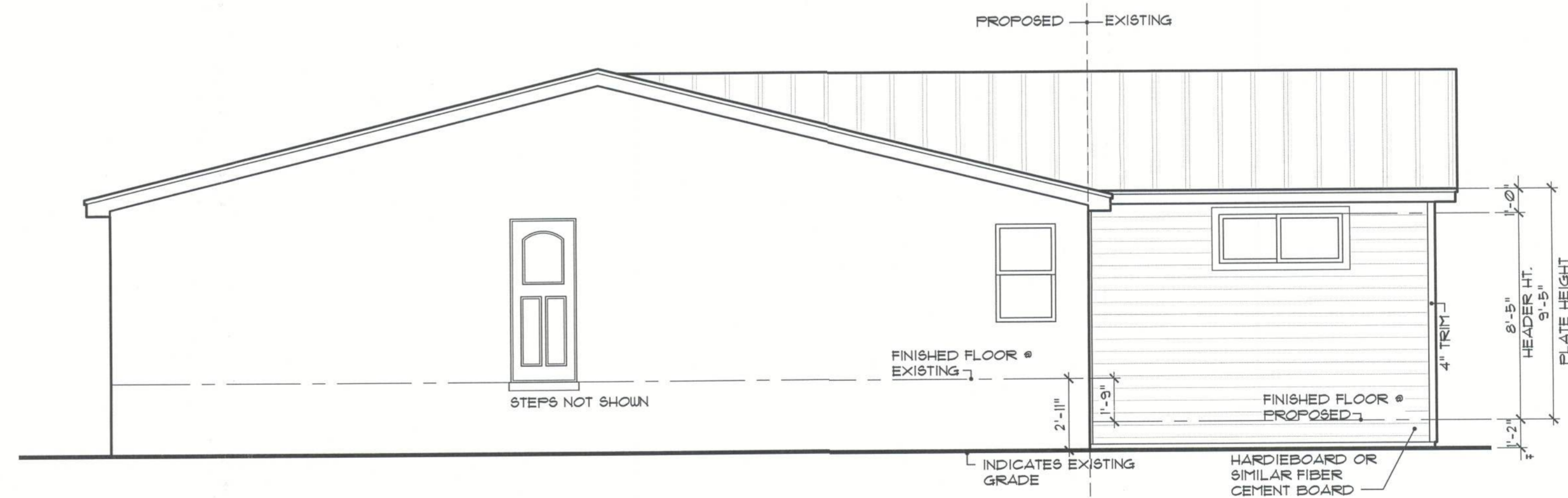
CONSTRUCTION NOTE:
CONSIDERABLE EFFORT HAS BEEN MADE TO
PORTRAY EXISTING CONDITIONS. ADJUST
WINDOW HEADER HEIGHTS TO MATCH
EXISTING



A Proposed Conditions
A2 SCALE: 1/4" = 1'-0"



B Proposed Conditions
A2 SCALE: 1/4" = 1'-0"



C Proposed Conditions
A2 SCALE: 1/4" = 1'-0"



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CUSTOM DESIGNS, SPACE PLANNING
TENANT BUILD OUTS, ADDITIONS, REMODELS

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LEWIS ADDITION
5271 NW LAKE JEFFREY ROAD
LAKE CITY, FLORIDA

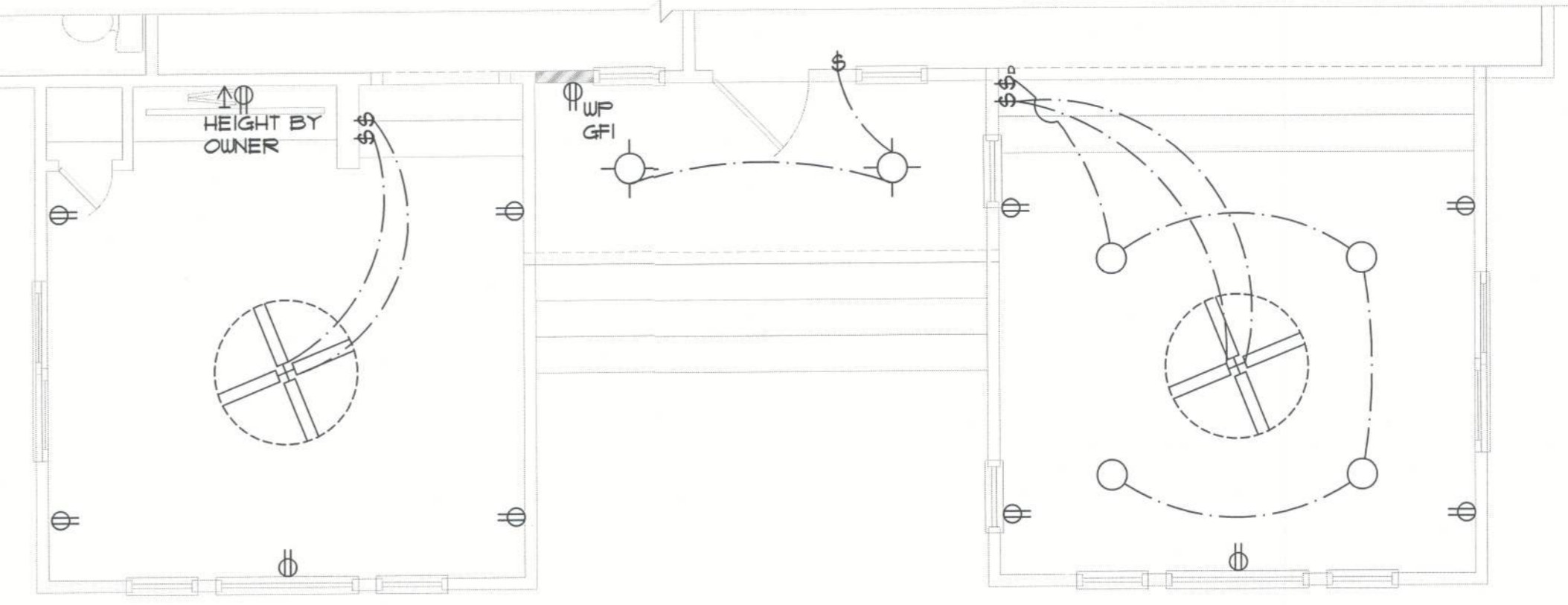
job no	LEWIS
drawn by	DA
checked	DA
date	07/18/22
scale	AS NOTED
drawing no.	A2

ELECTRICAL LEGEND

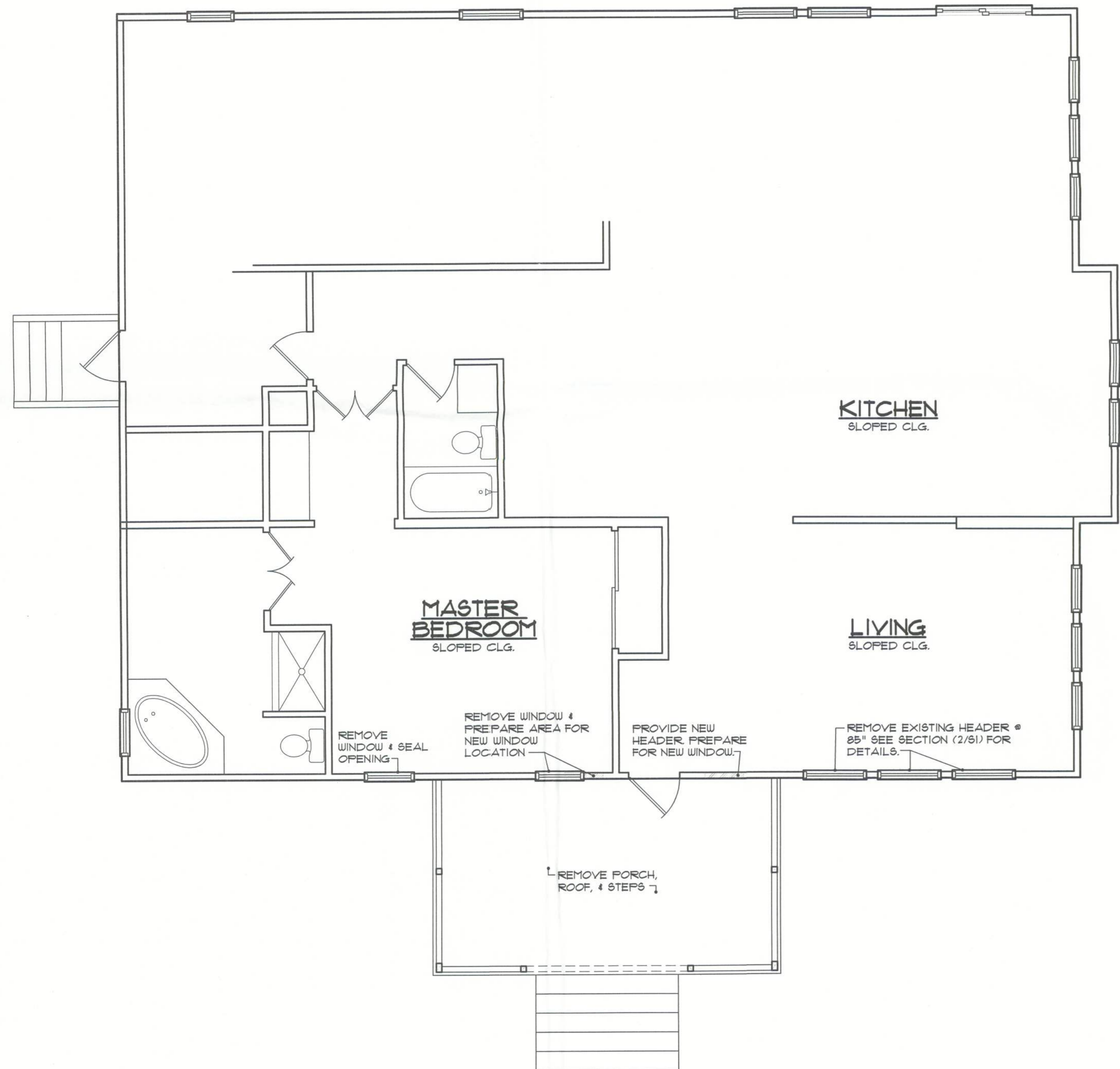
	Ceiling Mounted Light		Water Proof Receptacle		Cable Jack		Ceiling Fan		Speaker
	Pull Chain Light		Floor Receptacle		Pre-Wire Garage Door Opener		Wall Sconce		Junction Box
	Recessed Light		Outlet in Ceiling		Fluorescent Light		Chandelier		Track Lighting
	Ceiling Mounted LED		Ground Fault Interrupt		Electrical Panel		KJ IC		Theatrical Strip
	Wall Mounted Light		Wall Switch		Chime		Intercom		Spot Light
	Wall Wash Recessed		3-Way Switch		Door Bell/Garage Door Switch		Flush Mount Fluorescent Light		Fan/Light Combination
	Duplex Receptacle		Dimmer Switch		Disconnect Switch		Garbage Disposal Motor		
	220 V Receptacle		Telephone Jack		Electrical Meter				
	1/2 hot, 1/2 switched		Ethernet		Smoke Detector				

NOTES:

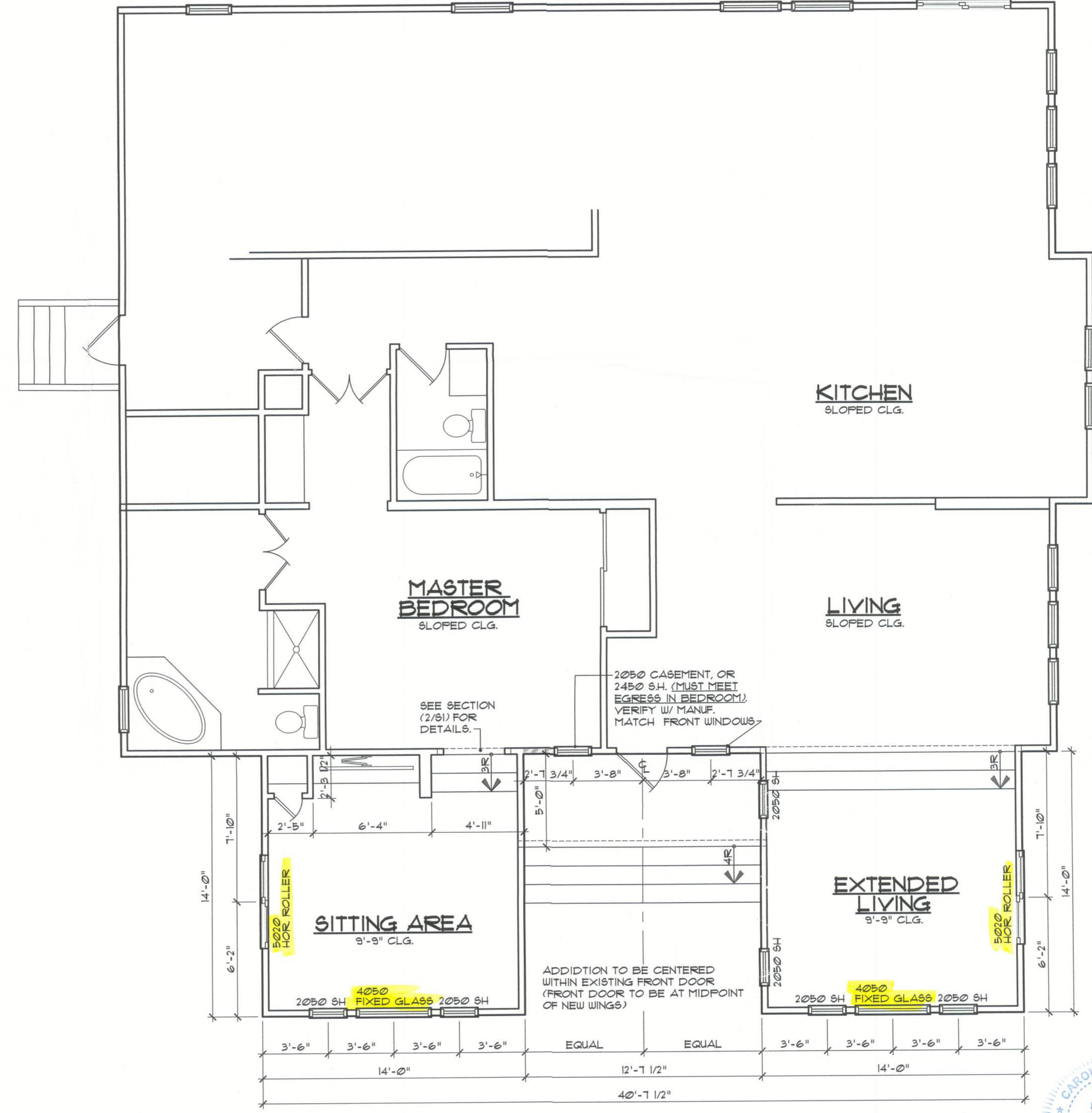
1. ALL SMOKE DETECTORS ARE TO BE HARD WIRED AND INTERCONNECTED.
2. PROVIDE ARC FAULT PROTECTION IN ALL LIVING SPACES, EXCEPT IN BATHROOMS, KITCHEN, LAUNDRY, AND GARAGES.
3. USE COMBINATION SMOKE AND CARBON MONOXIDE ALARMS, OR PROVIDE A CARBON MONOXIDE ALARM (IN ADDITION TO SMOKE) WITHIN 12' OF EACH ROOM USED FOR SLEEPING PURPOSES (SEE FBCR 2010, SEC. R315)
4. EXACT LOCATIONS OF FIXTURES AND/OR OUTLETS ARE SUGGESTED AND MEET MOST LOCAL CODE REQUIREMENTS. ADDITIONS OR ADJUSTMENTS MAY BE MADE BETWEEN OWNER AND BUILDER IN THE FIELD.



B Proposed Conditions
SCALE: 1/4" = 1'-0"



A Existing Conditions
SCALE: 1/4" = 1'-0"



C Proposed Conditions
SCALE: 1/4" = 1'-0"

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LEWIS ADDITION
5271 NW LAKE JEFFREY ROAD
LAKE CITY, FLORIDA

job no	LEWIS
drawn by	DA
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date	07/18/22
scale	AS NOTED
drawing no.	A1



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LEWIS RESIDENCE

(ADDITION TO EXISTING STRUCTURE)

5277 NW LAKE JEFFREY ROAD

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LEWIS ADDITION
5277 NW LAKE JEFFREY ROAD
LAKE CITY, FLORIDA

CODE DATA - 2020 FLORIDA BUILDING CODE - RESIDENTIAL											
THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE REQUIREMENTS OF SECTION R301 OF THE 2020 FLORIDA BUILDING CODE											
ULTIMATE WIND SPEED (3 SEC. GUST)	120 MPH										
NOMINAL WIND SPEED	93 MPH										
RISK CATEGORY	II										
WIND EXPOSURE	B										
INTERNAL PRESSURE COEFFICIENT	+0.8, -0.8										
HEIGHT AND EXPOSURE ADJUSTMENT COEFFICIENTS FOR MEAN ROOF HEIGHT OF 30', EXPOSURE B (SEE R301(2)(3) FOR OTHER EXPOSURES AND MEAN ROOF HEIGHTS)											
	AREA OF OPENINGS (SQ. FT.)	HGHT. & EXPOSURE ADJUSTMENT COEFF.	DESIGN (PSF)								
INTERIOR ZONE	0 TO 10.00	1.0	0.5, -0.9								
	10.01 TO 20.00	1.0	0.4, -0.7								
	20.01 TO 50.00	1.0	0.3, -0.5								
	50.01 TO 100.00	1.0	0.2, -0.4								
	100.01 TO 500	1.0	0.1, -0.3								
EXTERIOR ZONE (WINDWARD CORNER)	0 TO 10.00	1.0	0.5, -0.9								
	10.01 TO 20.00	1.0	0.4, -0.7								
	20.01 TO 50.00	1.0	0.3, -0.5								
	50.01 TO 100.00	1.0	0.2, -0.4								
	100.01 TO 500	1.0	0.1, -0.3								
GENERAL NOTES: 1. TABLE VALUES SHALL BE ADJUSTED FOR HEIGHT AND EXPOSURE BY MULTIPLYING BY THE ADJUSTMENT COEFFICIENT. 2. PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE BUILDING SURFACES.											
2020 - FLORIDA BUILDING CODE WIND SPEED CONVERSIONS (R301(2)(3))											
ULTIMATE (3 SEC. GUST)	110	115	120	130	140	150	160	170	180	190	200
NOMINAL	85	89	93	101	108	116	124	132	139	147	155

AREA TABULATION		INDEX OF DRAWINGS	
Living:		SHEET NO.	DRAWING TITLE
Existing	2010 sf	C1	COVER SHEET
Addition	392 sf	A1	EXISTING & PROPOSED FLOOR PLAN
Non Living:		A2	ELEVATIONS
Entry	63 sf	S1	FOUNDATIONS, DETAILS, & ENTRY FLOOR FRAMING
Total Area:	2465 sf	S2	LEFT & RIGHT ELEVATIONS
*DETACHED GARAGE NOT ACCOUNTED IN THESE FIGURES			



job no	LEWIS
drawn by	DA
checked	DA
date	07/18/22
scale	AS NOTED
drawing no.	C1

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