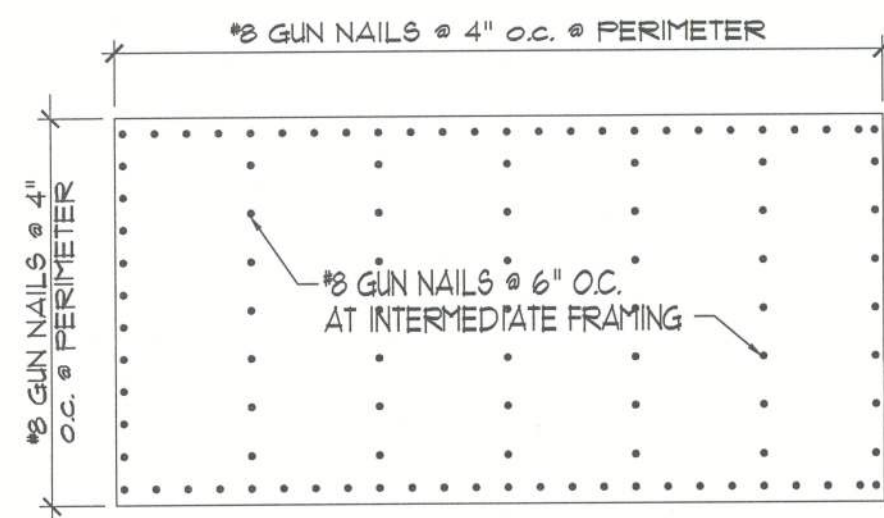


SIZE OF OPENING (Feet-Inches)	16" o.c. STUD SPACING	
	No. of jack studs	No. of king studs
Up to 3'-6"	1	1
>3'-6" to 5'-0"	1	2
>5'-0" to 5'-6"	2	2
>5'-6" to 8'-0"	2	2

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"	1	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.

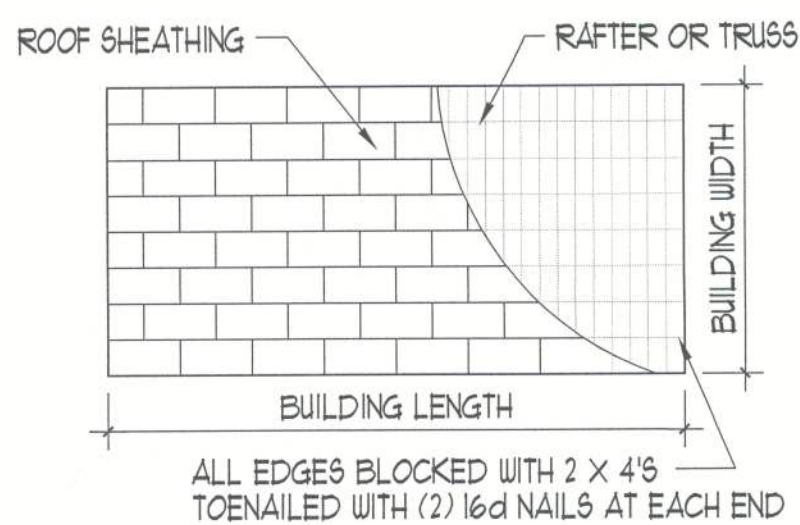
#### NAIL REQUIREMENTS:

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.

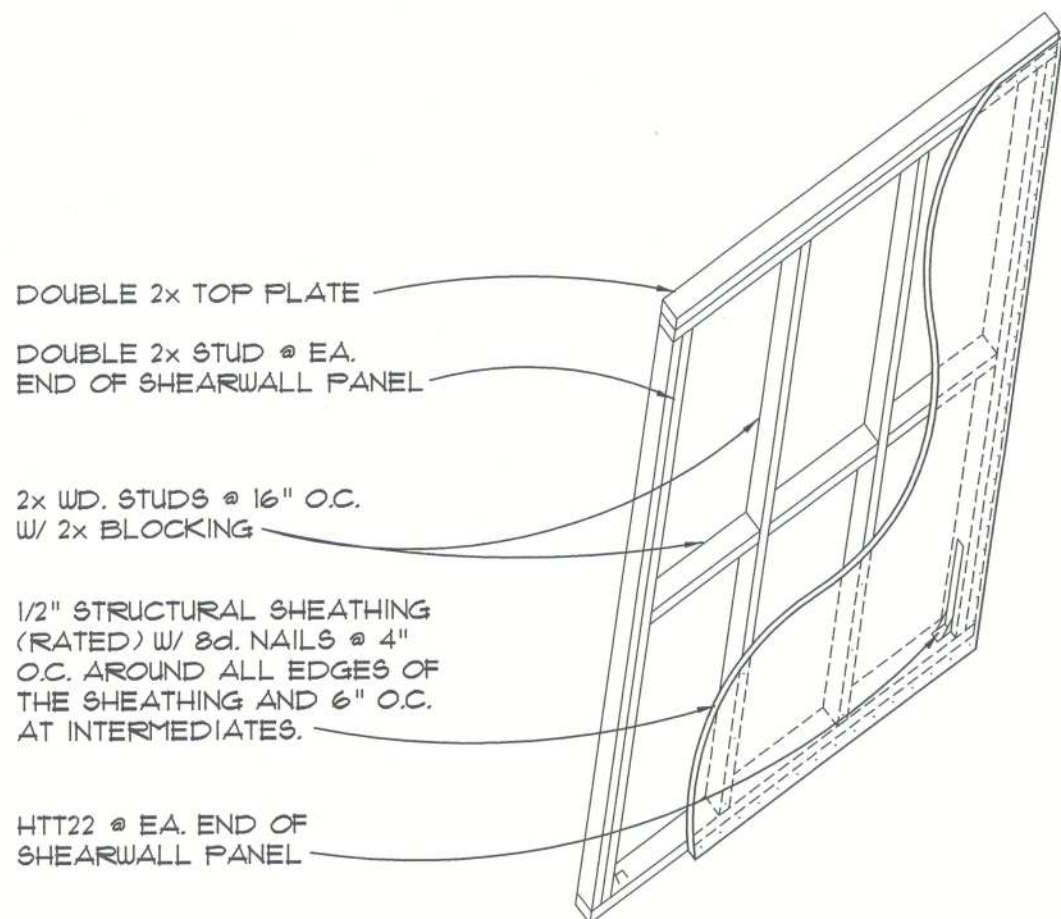
## 2 NAILING PATTERNS

SCALE: N.T.S.

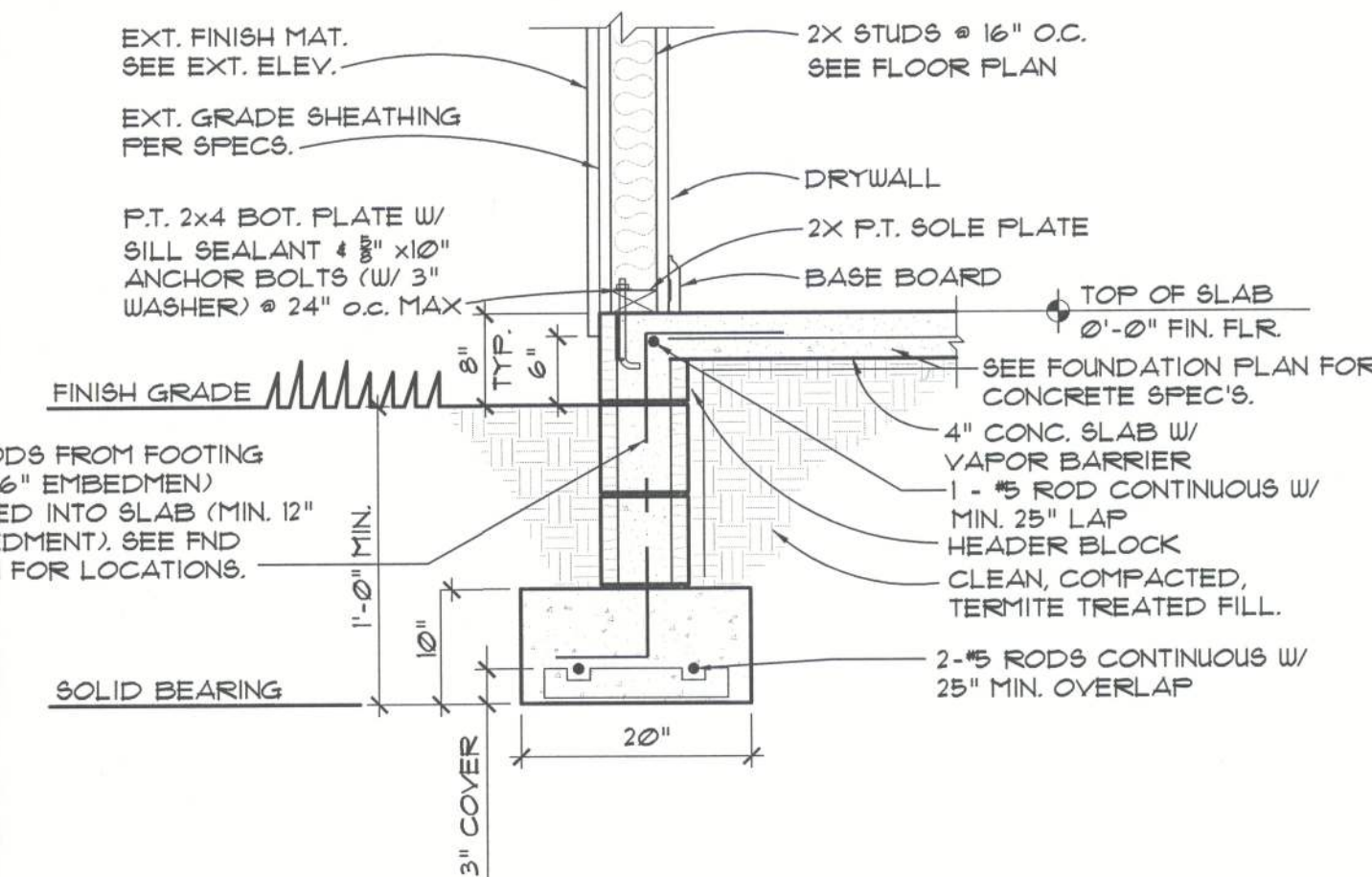
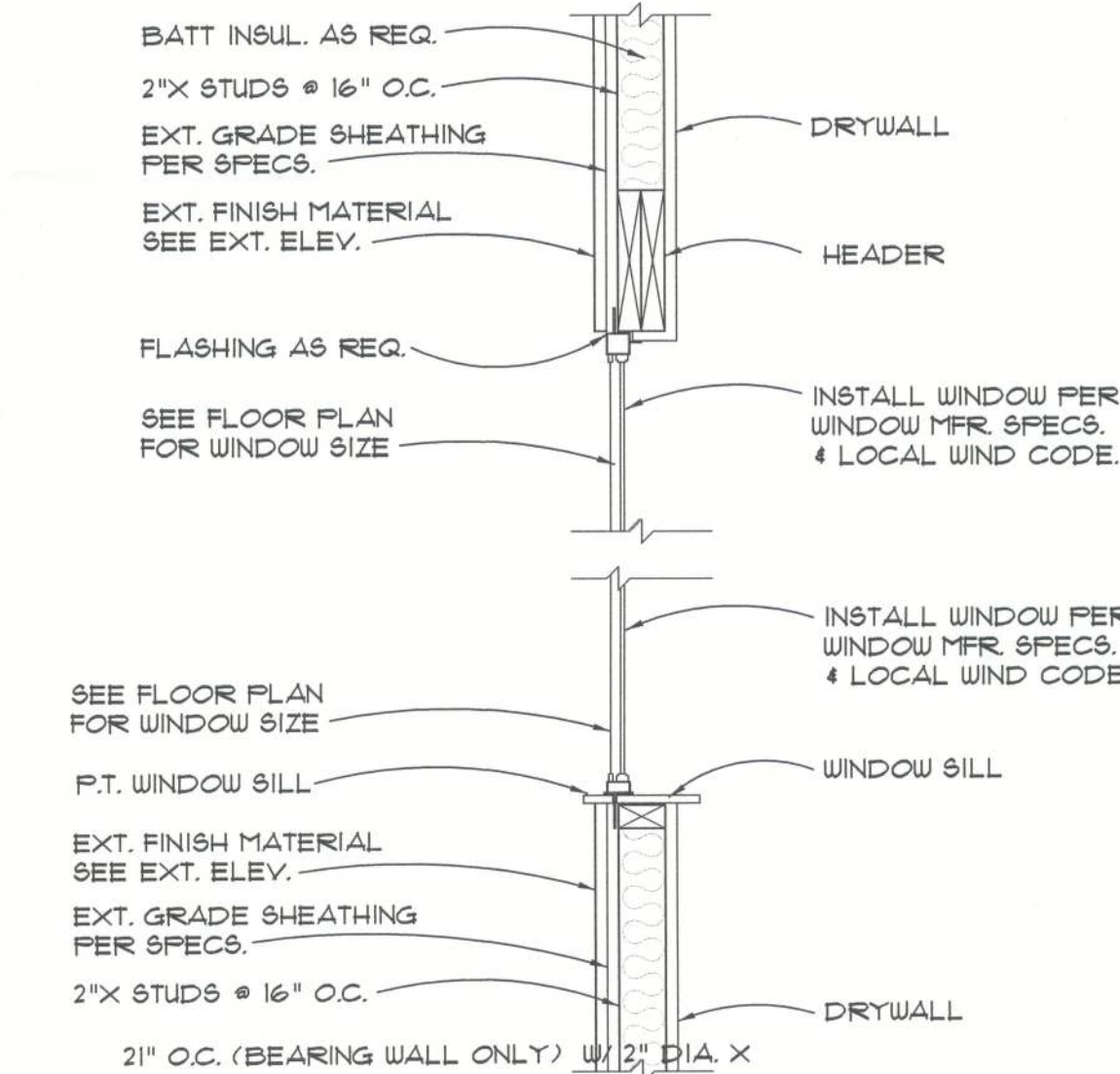
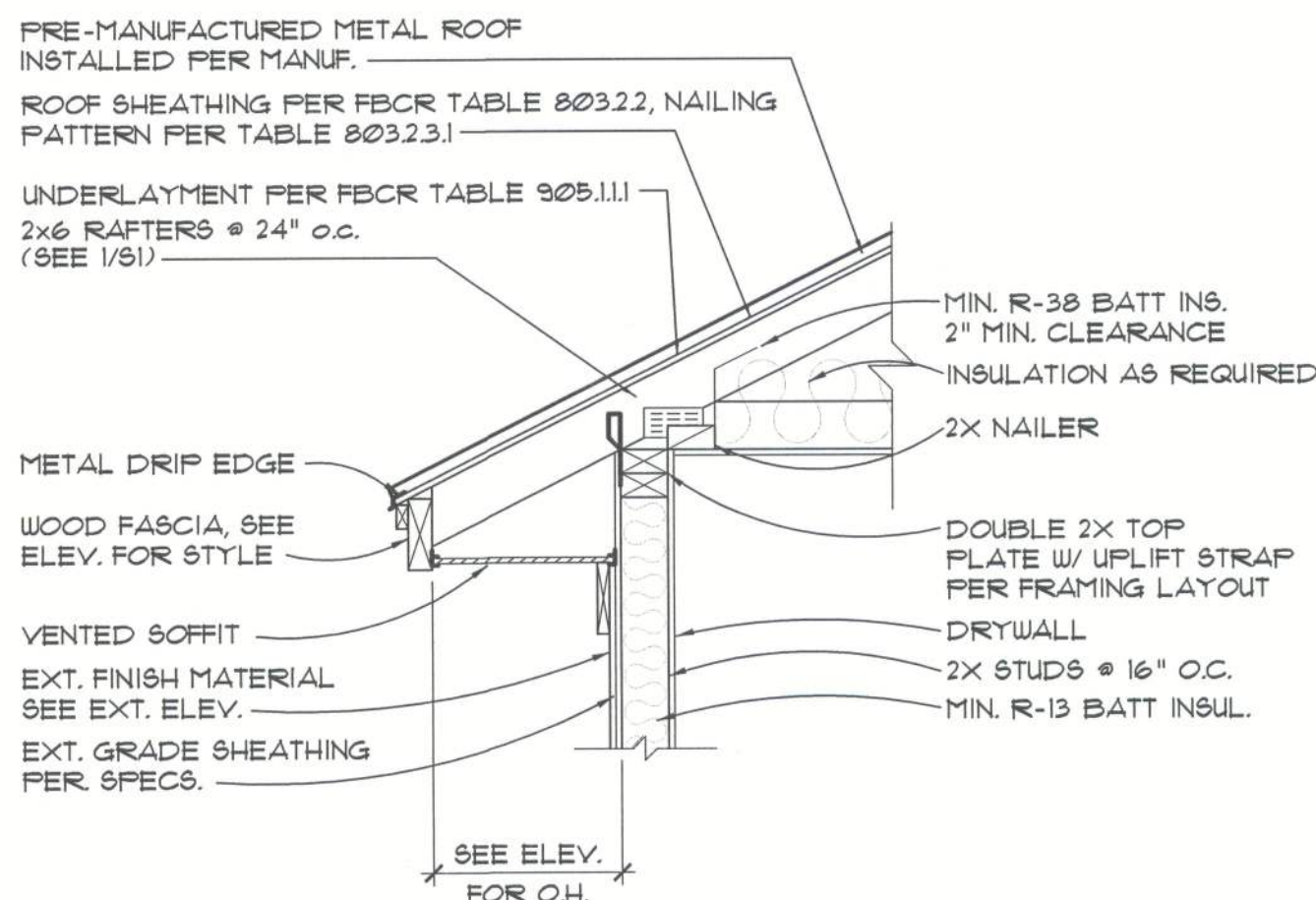


ALL EDGES BLOCKED WITH 2 X 4'S  
TOENAILLED WITH (2) 16d NAILS AT EACH END

## 3 GABLE END & SHEATHING LAYOUT

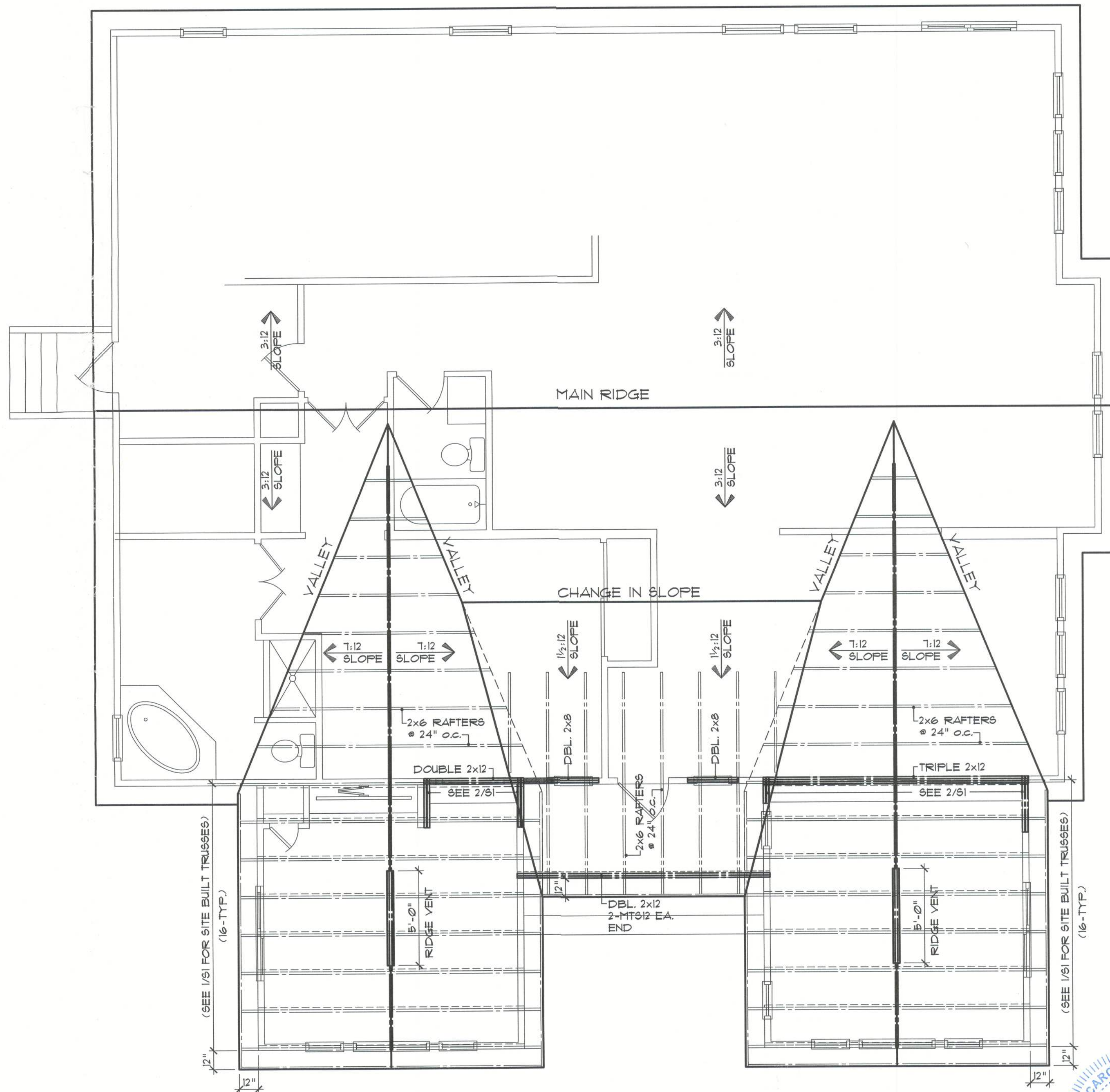


## 4 SHEARWALL PANEL



**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 SQ. FT. TOTAL / 150 SQ. FT.		+131 SQ. FT. NFVA REQUIRED
EXHAUST INTAKE	26 LF. 12" VENTED SOFFIT @ EAVE X 24 SQ. FT. PER LF. (GEORGIA PACIFIC VINYL VENT)	+104 SQ. FT. NFVA
	5 LINEAL FEET OF RIDGE VENT @ 110 / SF. (PROFILEVENT)	+53 SQ. FT. NFVA
TOTAL NFVA PROVIDED		+158 SQ. FT. NFVA



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

revisions	by

## LEWIS ADDITION

5211 NW LAKE JEFFREY ROAD  
LAKE CITY, FLORIDA

Seal  
CAROL CHADWICK, PE  
FLORIDA #82560

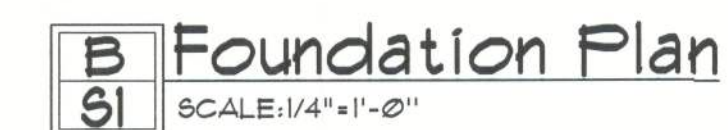
job no  
LEWIS  
drawn by  
DA  
checked  
DA  
date  
07/18/22  
scale  
AS NOTED  
drawing no.

S2





1. 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 7) HAVE BEEN PROPERLY ANCHORED TO TRIPPLE 2x12 BEAM.
4. CONSIDERABLE EFFOR HAS BENN MADE TO PORTRAY EXISTING CONDITIONS, HEIGHTS ARE NOT EXACT. ADJUST HEIGHT AS NECESSARY.

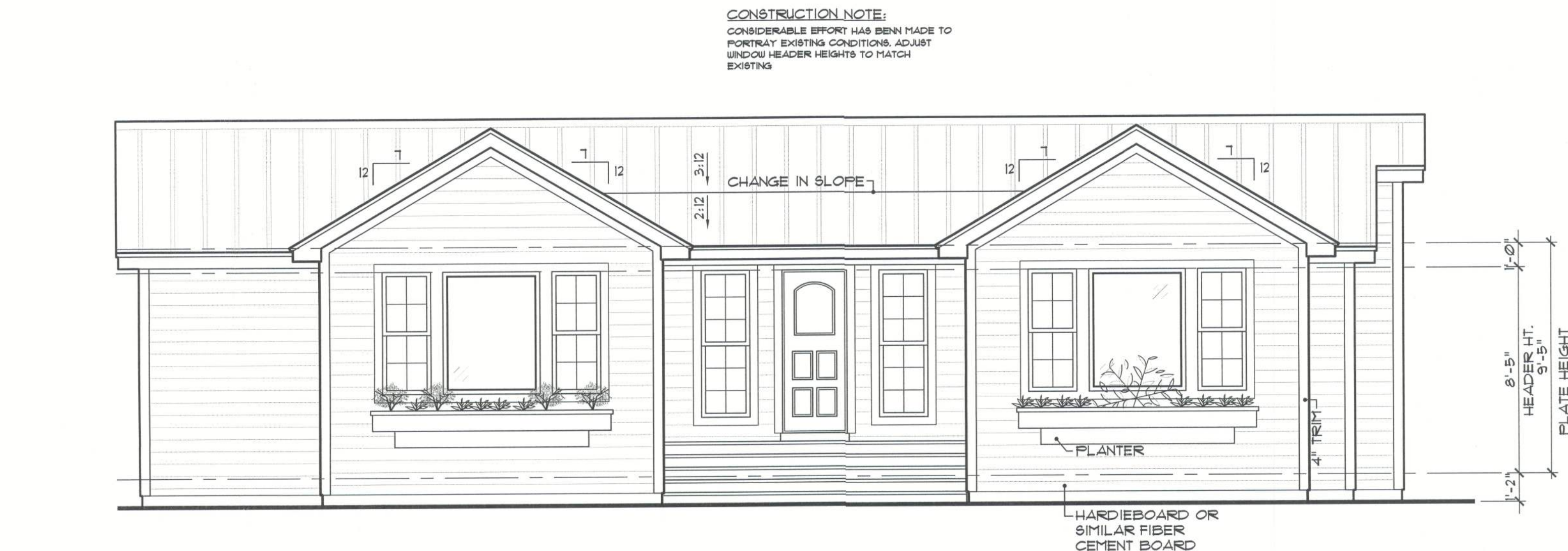


LEWIS ADDITION  
5211 NW LAKE JEFFREY ROAD  
LAKE CITY, FLORIDA

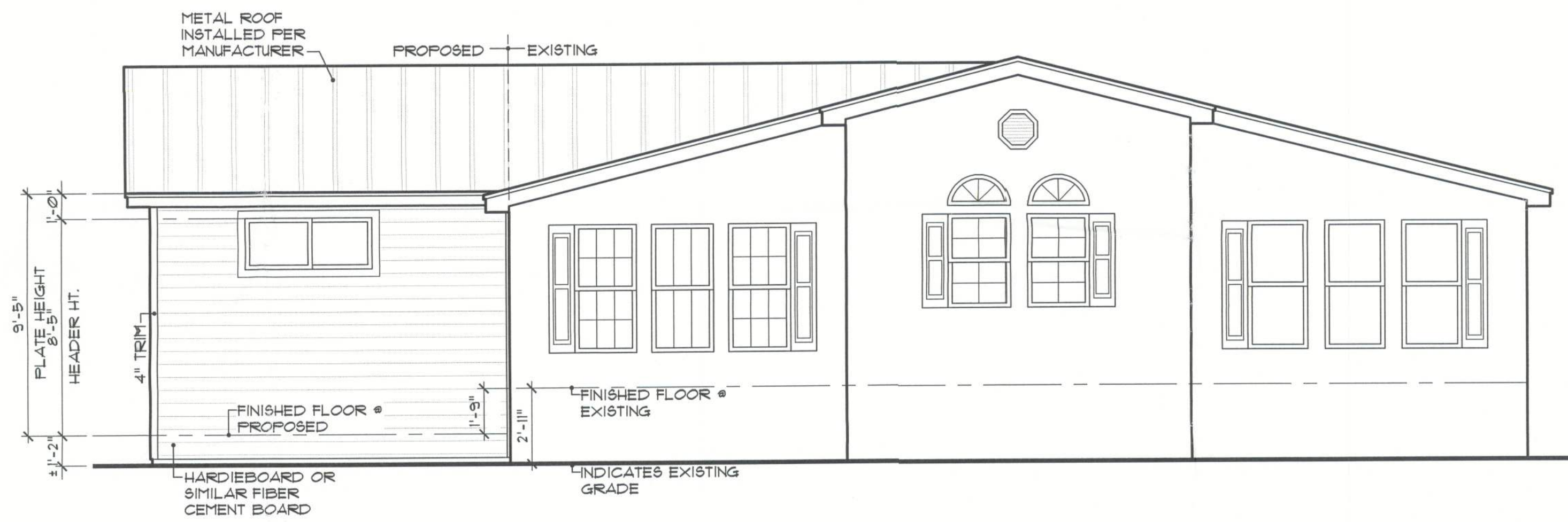
Si

The Final Plan Inc, reserves its common law copyrights. These plans and designs are not to be reproduced for a purpose other than the completion of this project without written consent from The Final Plan, Inc.

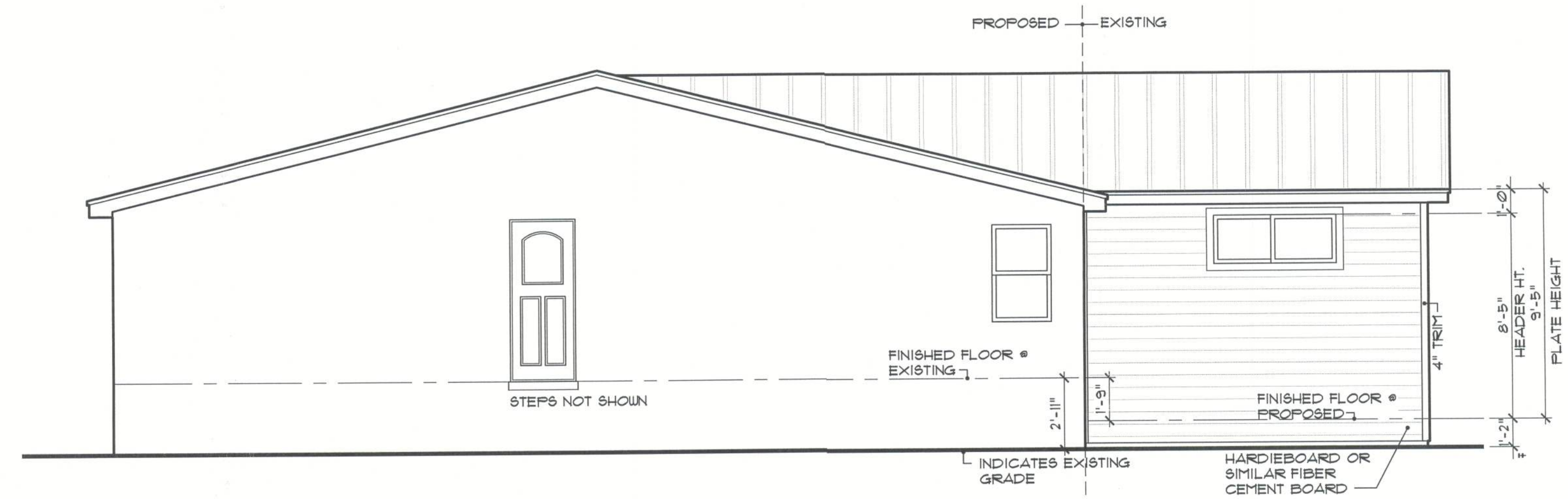




**A** Proposed Conditions  
**A2** SCALE: 1/4" = 1'-0"



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



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



**THE FINAL PLAN, INC.**  
WWW.THEFINALPLAN.COM  
TEL. 352.410.2539  
CUSTOM DESIGNS, SPACE PLANNING  
TENANT BUILD OUTS, ADDITIONS, REMODELS

revisions	by

**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. <b>A2</b>



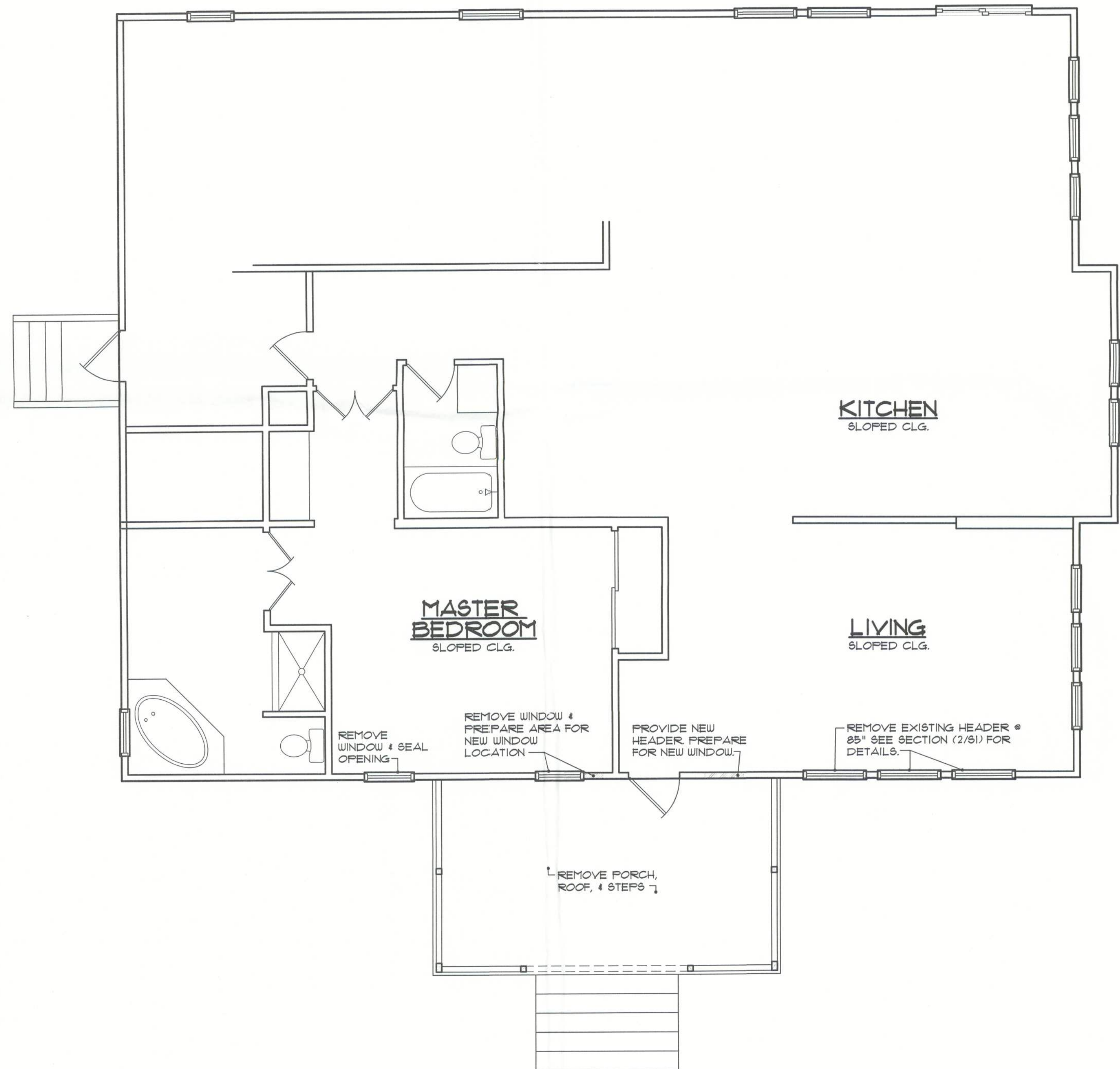
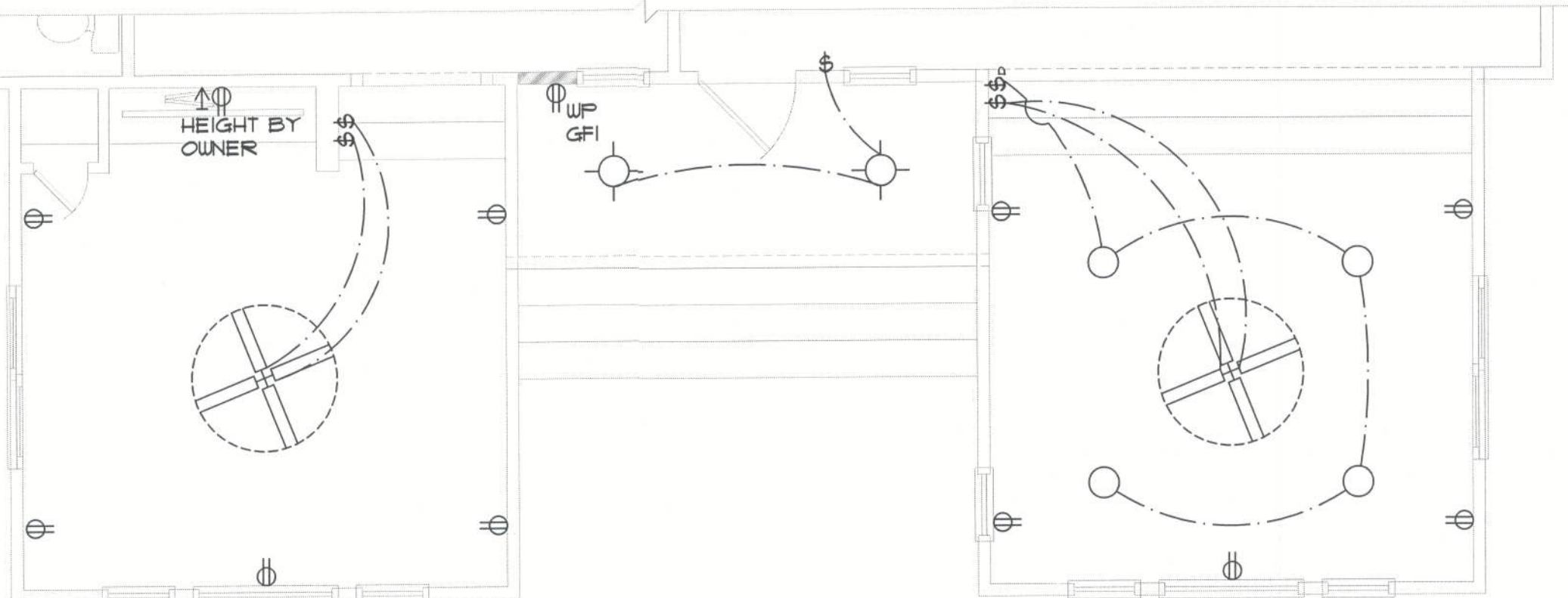
The Final Plan, Inc. reserves its common law copyrights. These plans and designs are not to be reproduced for a purpose other than the completion of this project without written consent from The Final Plan, Inc.

ELECTRICAL LEGEND

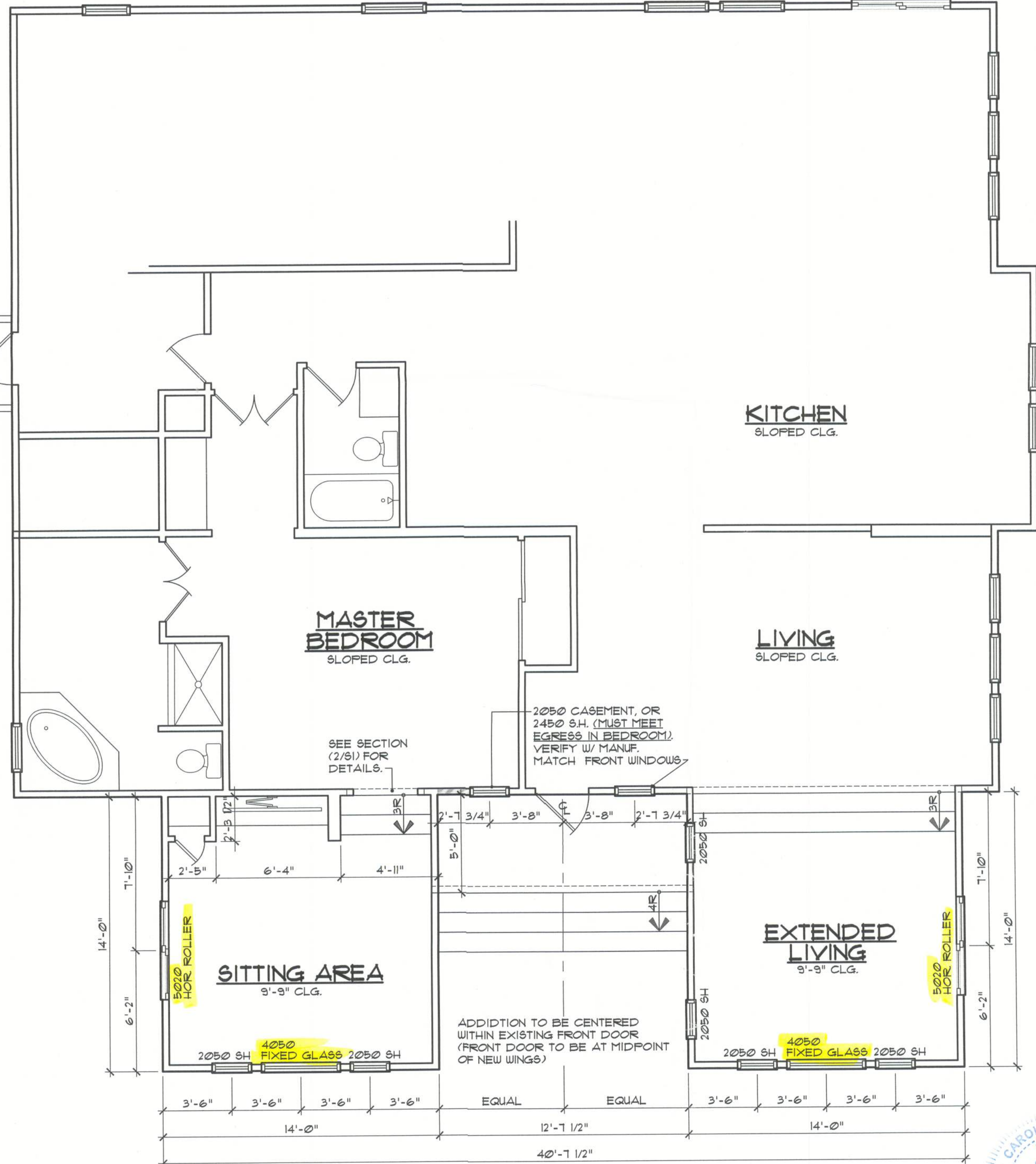
	Ceiling Mounted Light		Water Proof Receptacle		Cable Jack		Ceiling Fan		Speaker
	Pull Chain Light		Floor Receptacle		Pre-Wire Garage Door Opener		Wall Sconce		Junction Box
	Recessed Light		Outlet in Ceiling		Fluorescent Light		Chandelier		Track Lighting
	Ceiling Mounted LED		Ground Fault Interrupt		Electrical Panel		Intercom		Theatrical Strip
	Wall Mounted Light		Wall Switch		Chime		Spot Light		
	Wall Wash Recessed		3-Way Switch		Door Bell/Garage Door Switch		Flush Mount Fluorescent Light		
	Duplex Receptacle		Dimmer Switch		Disconnect Switch		Fan/Light Combination		
	220 V Receptacle		Telephone Jack		Electrical Meter		Garbage Disposal Motor		
	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  
AI SCALE: 1/4"=1'-0"



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



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



revisions	by

LEWIS ADDITION  
52711 NJ LAKE JEFFREY ROAD  
LAKE CITY, FLORIDA

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

THE FINAL PLAN, INC.  
WWW.THEFINALPLAN.COM  
TEL. 352.410.2539  
CUSTOM DESIGNS, SPACE PLANNING  
TENANT BUILD OUTS, ADDITIONS, REMODELS



# LEWIS RESIDENCE

(ADDITION TO EXISTING STRUCTURE)

5277 NW LAKE JEFFREY ROAD

LAKE CITY, FLORIDA

THE FINAL PLAN, INC.

WWW.THEFINALPLAN.COM  
TEL. 352.410.2539

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

revisions	by

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	5.5, -16.3								
	10.01 TO 20.00	1.0	14.8, -16.1								
	20.01 TO 50.00	1.0	13.3, -15.2								
	50.01 TO 100.00	1.0	13.2, -14.5								
	100.01 TO 500	1.0	11.6, -12.3								
END ZONE (WITHIN 4' OF CORNER)	0 TO 10.00	1.0	15.5, -20.8								
	10.01 TO 20.00	1.0	14.8, -18.4								
	20.01 TO 50.00	1.0	13.3, -17.6								
	50.01 TO 100.00	1.0	13.2, -16.1								
	100.01 TO 500	1.0	11.6, -12.3								
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 (R301.2.1.3)											
ULTIMATE (3 SEC. GUST)	110	115	120	130	140	150	160	170	180	190	200
NOMINAL	85	89	93	101	106	116	124	132	139	147	155

## AREA TABULATION

Living:	
Existing	2,010 sf
Addition	382 sf
Non Living:	
Entry	63 sf
Total Area:	2,465 sf
*DETACHED GARAGE NOT ACCOUNTED IN THESE FIGURES	

## INDEX OF DRAWINGS

SHEET NO.	DRAWING TITLE
C1	COVER SHEET
A1	EXISTING & PROPOSED FLOOR PLAN
A2	ELEVATIONS
S1	FOUNDATIONS, DETAILS, & ENTRY
S2	FLOOR FRAMING
	LEFT & RIGHT ELEVATIONS



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