

# ROGERS RESIDENCE

## NEW RESIDENCE

PARCEL ID: 06-7S-17-09925-127 (36731)

FORT WHITE, FLORIDA



THE FINAL PLAN, INC.  
WWW.THEFINALPLAN.COM  
TEL: 352.410.2539

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

revisions	by

ROGERS RESIDENCE  
1871 SW HERON DRIVE  
FORT WHITE, FLORIDA

CODE DATA - 2023 FLORIDA BUILDING CODE - RESIDENTIAL											
THIS STRUCTURE HAS BEEN DESIGNED TO MEET OR EXCEED THE REQUIREMENTS OF SECTION R301 OF THE 2023 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, -1.0										
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 10,000	1.0	15.5, -16.3								
	10,001 TO 20,000	1.0	14.8, -16.1								
	20,001 TO 50,000	1.0	13.9, -15.2								
	50,001 TO 100,000	1.0	13.2, -14.5								
	100,001 TO 500,000	1.0	11.6, -12.9								
EXTERIOR ZONE	0 TO 10,000	1.0	15.5, -20.8								
	10,001 TO 20,000	1.0	14.8, -19.4								
	20,001 TO 50,000	1.0	13.9, -17.6								
	50,001 TO 100,000	1.0	13.2, -16.1								
	100,001 TO 500,000	1.0	11.6, -12.9								
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.											
2023 - FLORIDA BUILDING CODE WIND SPEED CONVERSIONS R301(2)											
ULTIMATE (3 SEC. GUST)	100	110	120	130	140	150	160	170	180	190	200
NOMINAL	78	85	93	101	108	116	124	132	139	147	155

### INDEX OF DRAWINGS

SHEET NO.	DRAWING TITLE
C1	COVER SHEET
A1	FLOOR PLAN - NOTED & DIMENSIONED
A2	ELEVATIONS
A3	BUILDING SECTION
E1	ELECTRICAL FIXTURE LAYOUT & WINDOW DETAIL
S1	FOUNDATION PLAN
S2	ROOF PLAN
S3	DETAILS
S4	LINTEL SCHEDULE

### AREA TABULATION

CONDITIONED SPACE	800 S.F.
<b>GRAND TOTAL:</b>	<b>800 S.F.</b>

job no	GRO202
drawn by	DA
checked	DA
date	03/02/26
scale	AS NOTED
drawing no.	C1

**DIMENSION NOTES:**

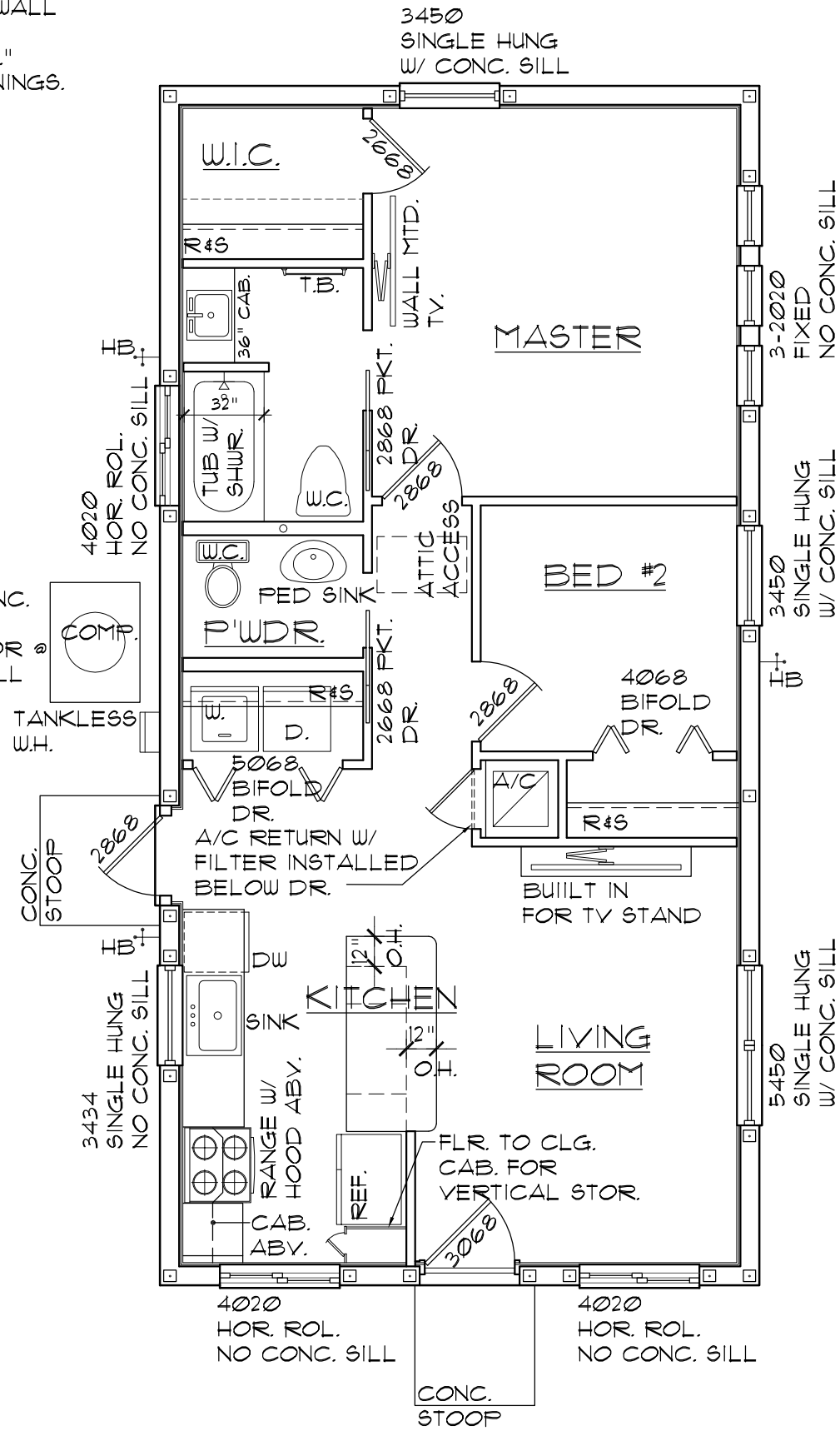
1. INTERIOR DIMENSIONS ARE TO STUD WALL OR INTERIOR OF C.M.U. WALL.
2. EXTERIOR BLOCK WILL BE "TOOLED." NOMINAL DIMENSIONS GIVEN FOR OPENINGS.

**WINDOW NOTE:**

WINDOW MANUFACTURER TO DETERMINE FINAL WINDOW DESIGN. THESE DRAWINGS ONLY INDICATE WHETHER A WINDOW WILL HAVE A CONCRETE SILL.

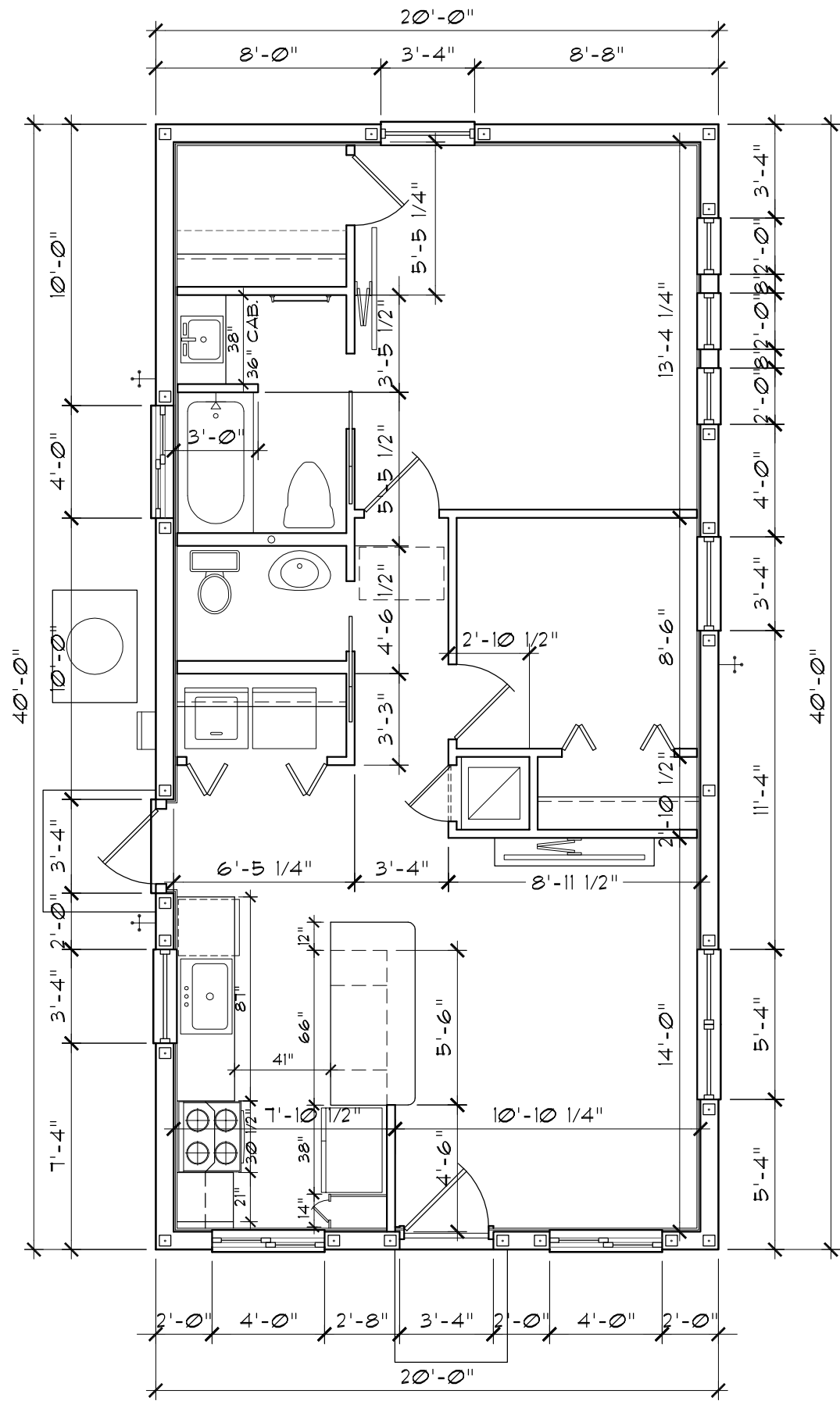
**LEGEND:**

- A.F.F. - ABOVE FINISHED FLOOR
- B.F. DR. - BIFOLD DOOR
- COL. - COLUMN
- COMP. - COMPRESSOR
- D.W. - DISHWASHER
- FR. DRS. - FRENCH DOORS
- FX. GL. - FIXED GLASS
- H.B. - HOSE BIB
- HOR. ROL. - HORIZONTAL ROLLER
- LAV. - LAVATORY
- L.T. - LAUNDRY TUB
- MRO - MASONRY ROUGH OPENING
- M.T. - METAL THRESHOLD
- PKT. DR. - POCKET DOOR
- R&S - ROD & SHELF
- REF. - REFRIGERATOR
- SH - SINGLE HUNG
- SH. - SHELVES
- W.C. - WATER CLOSET
- W.H. - WATER HEATER
- WINDOWS & DOORS
- 3050: 3'-0" WIDE x 5'-0" TALL
- 3080: 3'-0" WIDE x 8'-0" TALL



**(A) Noted Floor Plan**

SCALE: 3/16" = 1'-0" SEE ELEVATIONS AND 1/EI FOR WINDOW CLARIFICATION



**(B) Dimensioned Floor Plan**

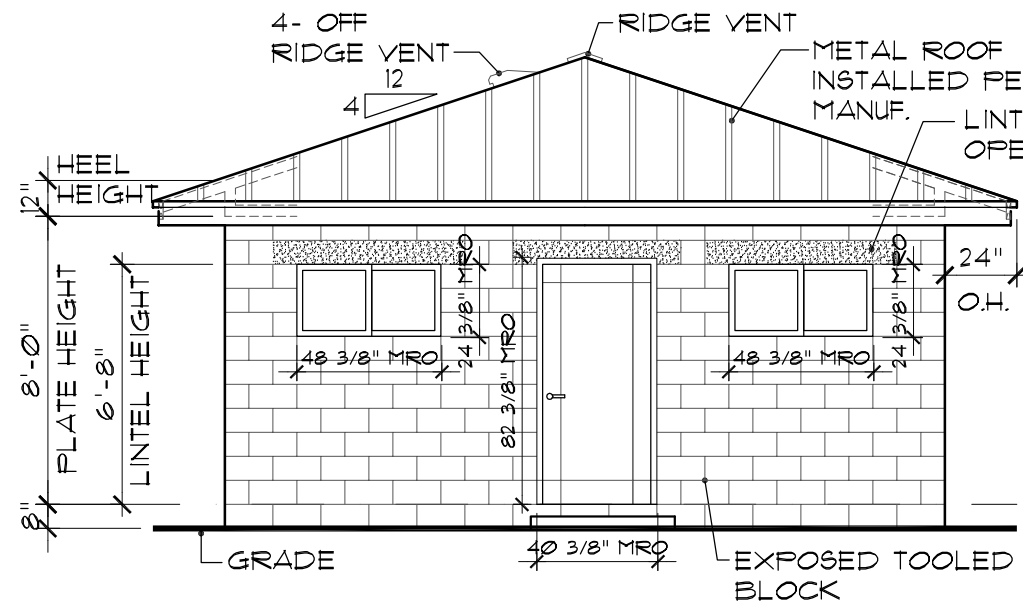
SCALE: 3/16" = 1'-0"

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.

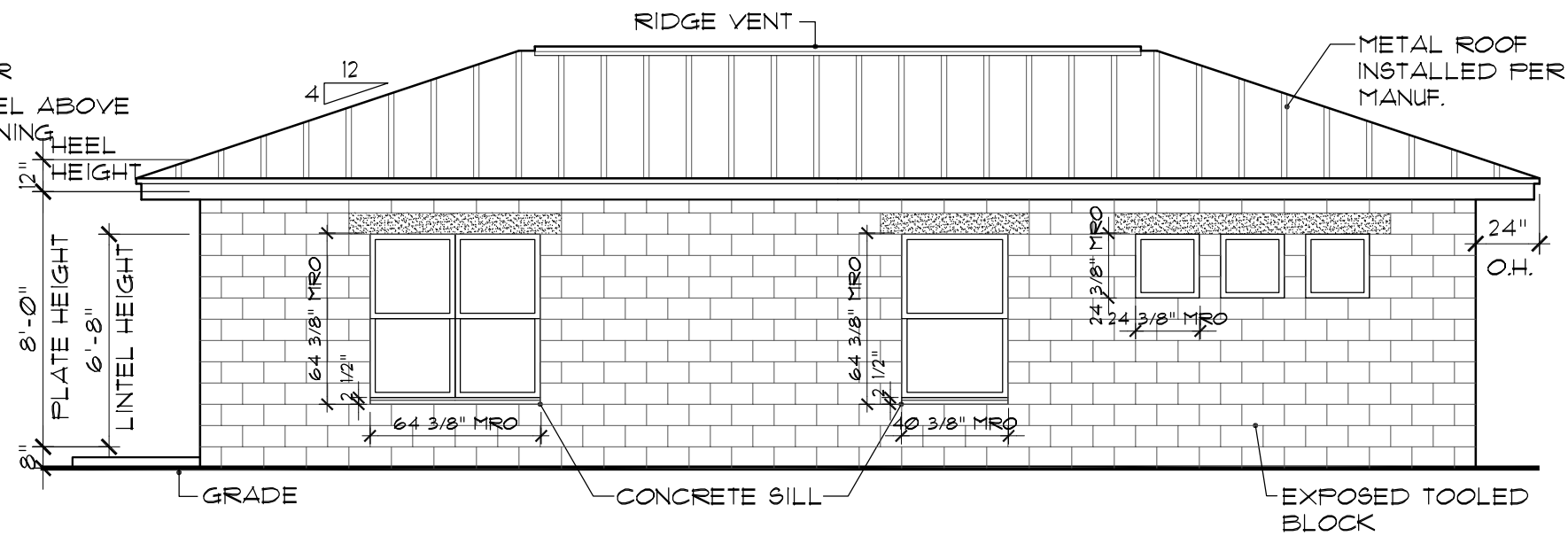
revisions	by

job no	GR0202
drawn by	DA
checked	DA
date	03/02/26
scale	AS NOTED
drawing no.	A1

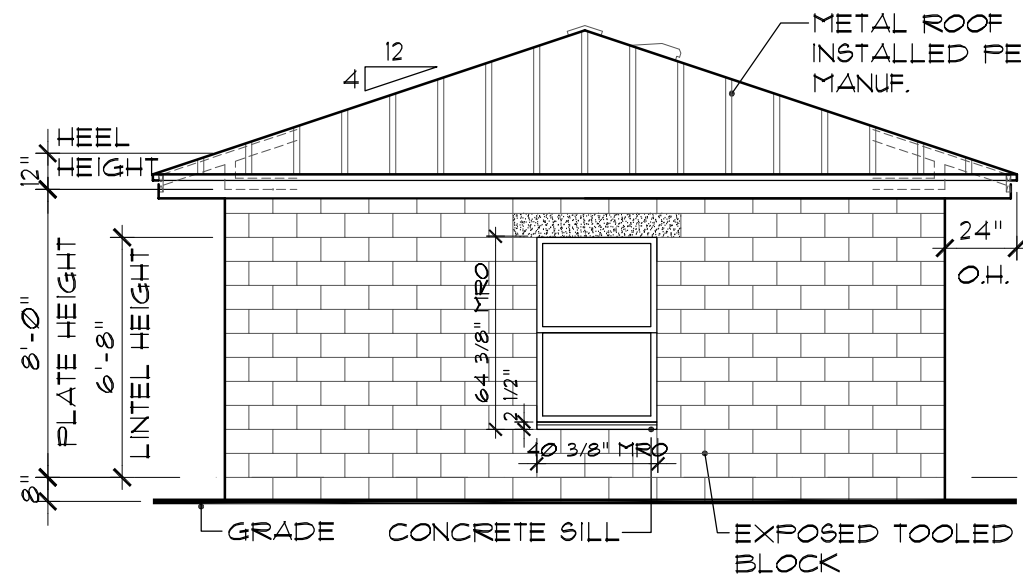
The Final Plan Inc. reserves its common law copyrights. These plans and designs are not to be reproduced for a purpose other than the completion of this project without written consent from The Final Plan, Inc.



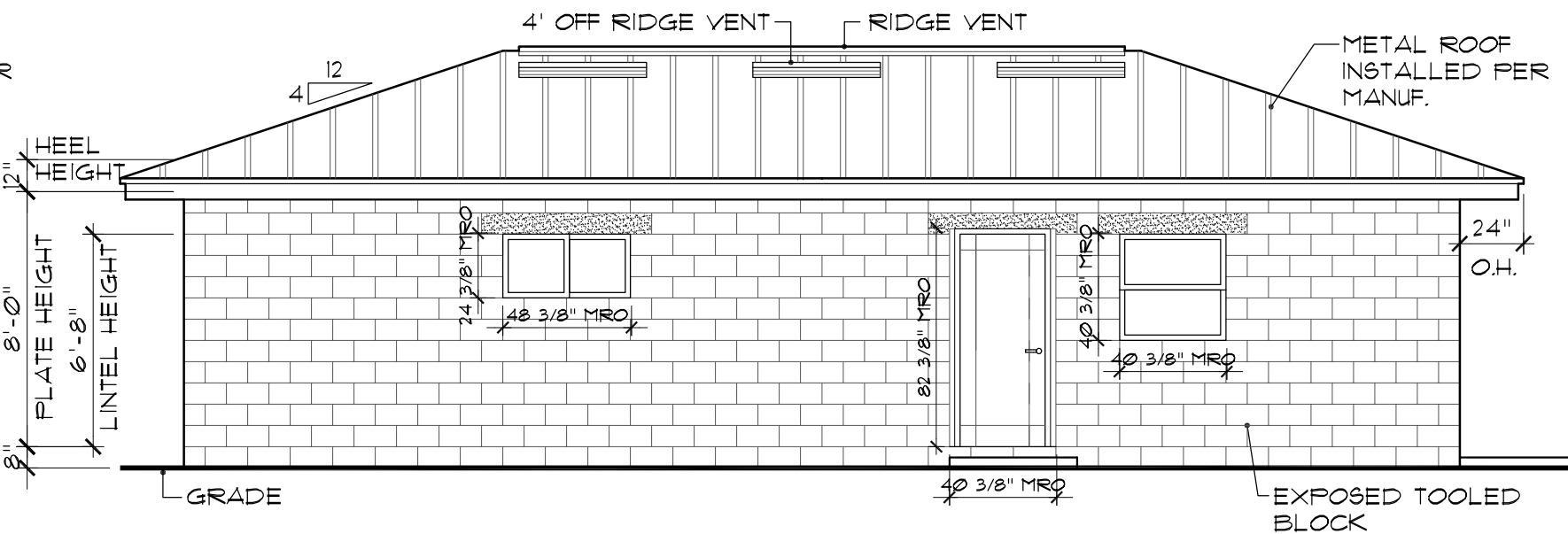
**A** Front Elevation  
**A2** SCALE: 3/16" = 1'-0"



**B** Right Elevation  
**A2** SCALE: 3/16" = 1'-0"



**C** Rear Elevation  
**A2** SCALE: 3/16" = 1'-0"



**D** Left Elevation  
**A2** SCALE: 3/16" = 1'-0"

**THE FINAL PLAN, INC.**  
 WWW.THEFINALPLAN.COM  
 TEL: 352.410.2539

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

revisions	by

**ROGERS RESIDENCE**  
 181 SW HERON DRIVE  
 FORT WHITE, FLORIDA

job no GR0202
drawn by DA
checked DA
date 03/02/26
scale AS NOTED
drawing no.  <b>A2</b>

PRE-MANUFACTURED  
METAL ROOF INSTALLED  
PER MANUF.

1x4'S ATTACHED WITH 4"  
DECKING SCREW (24" o.c.  
FROM 1x4 TO TRUSS BELOW

1/2" RIGID FOAM  
INSULATION

UNDERLAYMENT PER  
FBCR TABLE 905.1.1.1

ROOF SHEATHING PER  
FBCR TABLE 803.2.2,  
NAILING PATTERN  
PER TABLE 803.2.3.1

DRIP EDGE

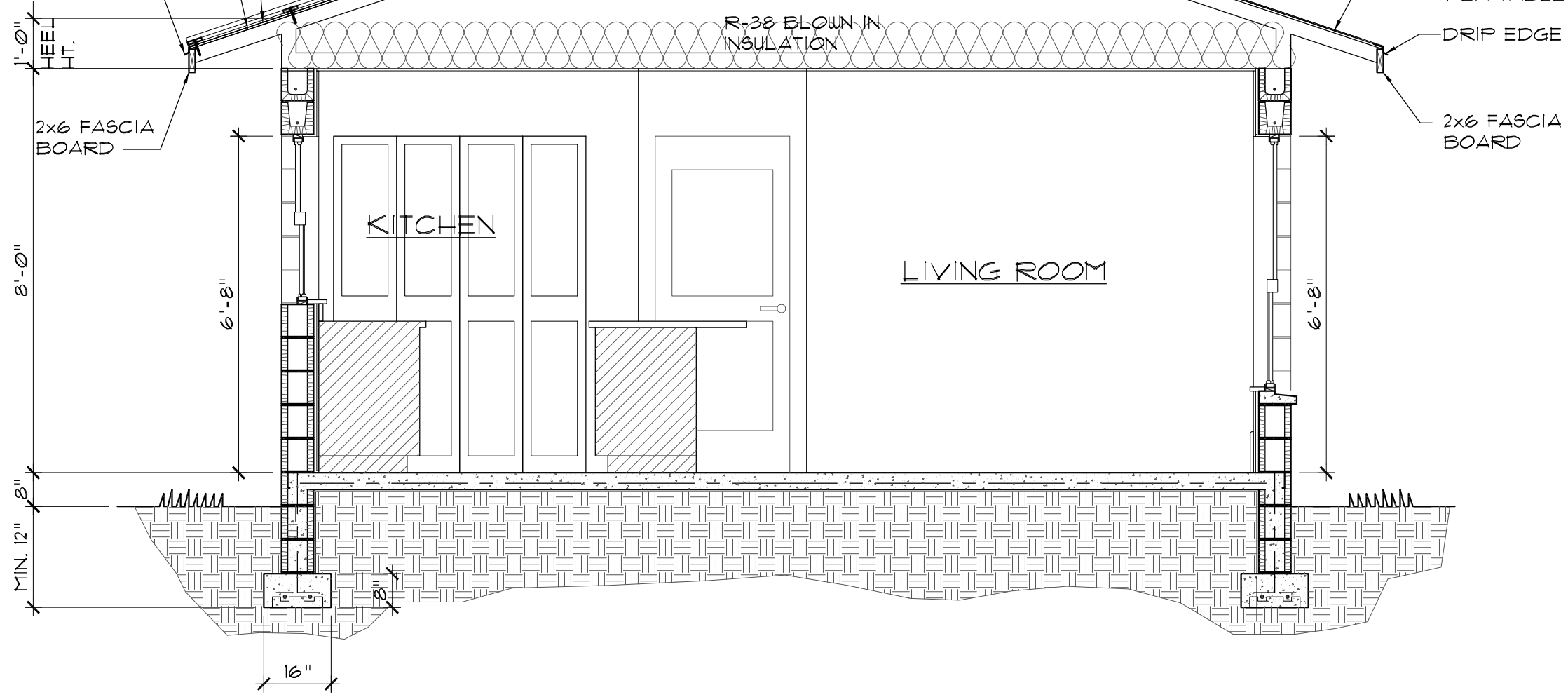
FINAL PRODUCT TO BE EITHER  
METAL OR COMPOSITION  
SHINGLES. BOTH ARE SHOWN  
FOR ILLUSTRATION PURPOSES  
ONLY. TRUSSES HAVE BEEN  
DESIGNED TO SUPPORT  
COMPOSITION SHINGLES.

PRE-MANUFACTURED  
COMPOSITION SHINGLES  
INSTALLED PER  
MANUFACTURER

UNDERLAYMENT PER  
FBCR TABLE 905.1.1.1

ROOF SHEATHING PER  
FBCR TABLE 803.2.2,  
NAILING PATTERN  
PER TABLE 803.2.3.1

DRIP EDGE



1'-0"  
1'-0"  
1'-0"

2x6 FASCIA  
BOARD

8'-0"

6'-8"

KITCHEN

LIVING ROOM

6'-8"

2x6 FASCIA  
BOARD

MIN. 12"

8"

16"

**A** Building Section  
**A3** SCALE: 3/8" = 1'-0"

revisions	by

job no GR0202
drawn by DA
checked DA
date 03/02/26
scale AS NOTED
drawing no. <b>A3</b>

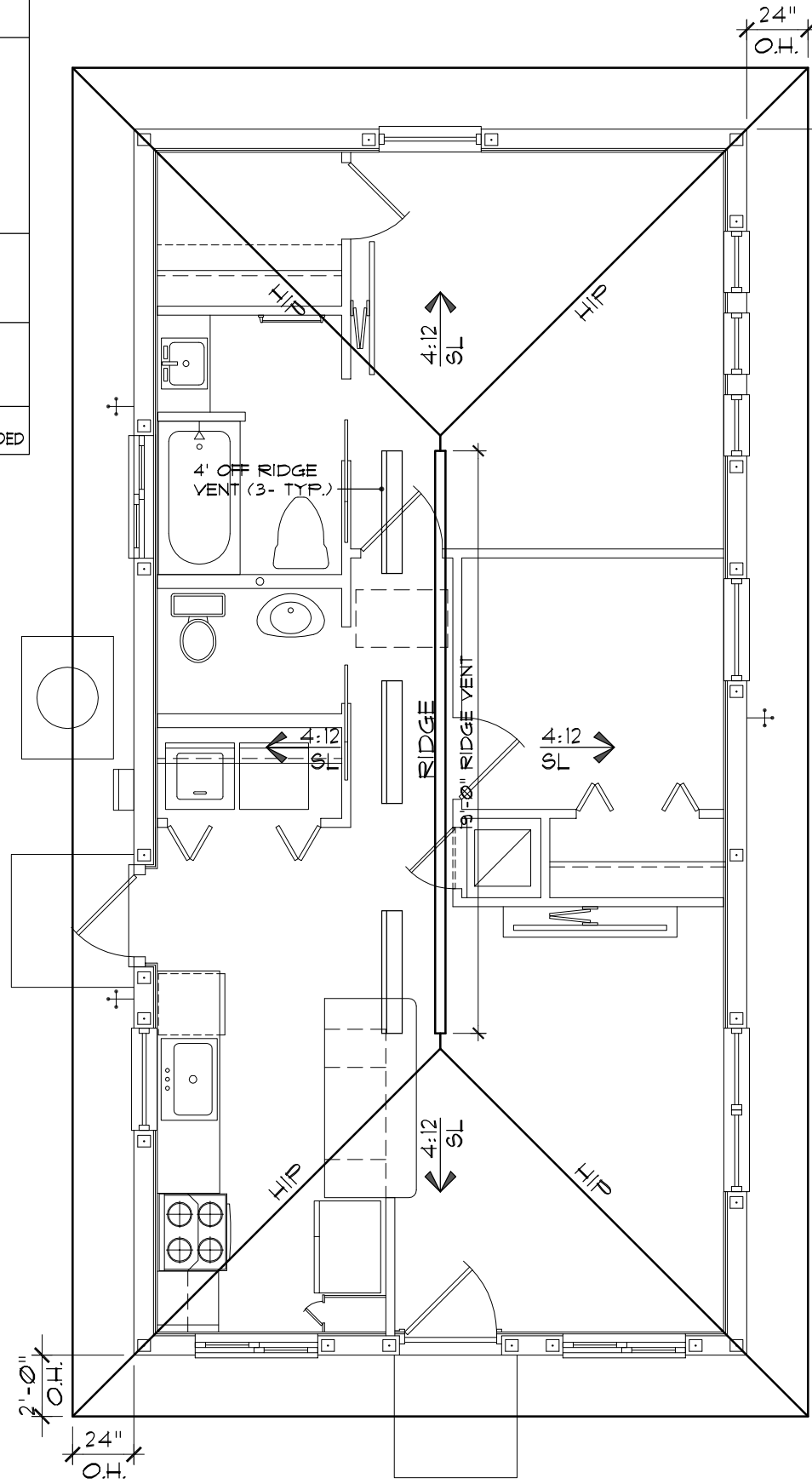
The Final Plan Inc. reserves its common law copyrights. These plans and designs are not to be reproduced for a purpose other than the completion of this project without written consent from The Final Plan, Inc.



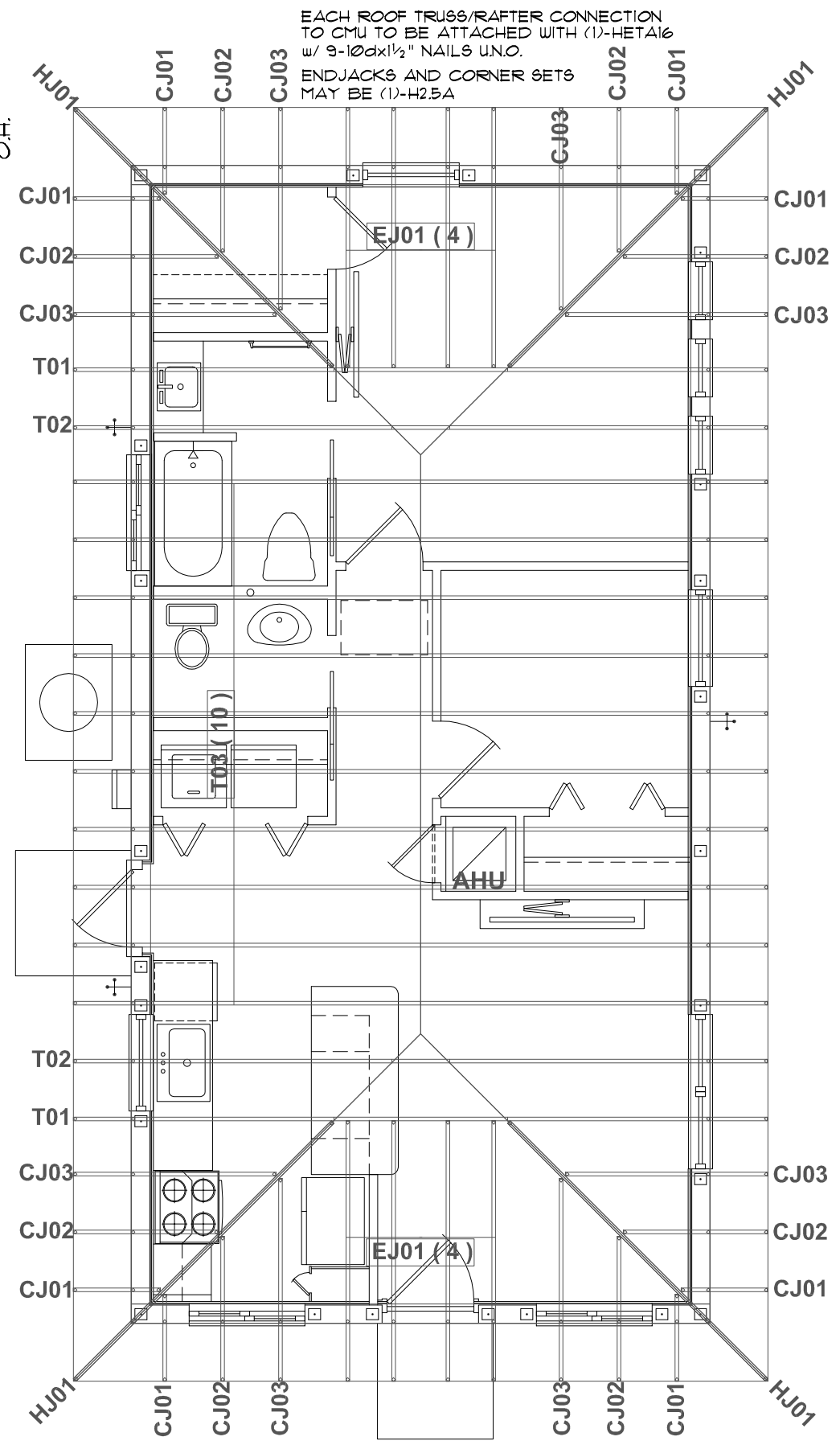


ROOF VENT SCHEDULE		FBC RES 8TH EDITION (2023) 806.2 NFVA - NET FREE VENTILATED AREA
ROOF VENTING REQUIRED FOR TYP. ATTIC		
800 SQ. FT. TOTAL / 300 SQ. FT.		=261 SQ. FT. NFVA REQUIRED
TOTAL NFVA REQ'D AT UPPER VENTILATORS (WITHIN 3' OF HIGH POINT OF THE SPACE) SHALL BE BETWEEN 40% (MIN.) AND 50% (MAX.) OF REQUIRED VENTILATION		
=101 - 134 SQ. FT. NFVA REQ.		
INTAKE	128 LF. 24" VENTED SOFFIT @ EAVE x 0.8 SQ. FT. PER LF. (GEORGIA PACIFIC VINYL VENT)	=1024 SQ. FT. NFVA
EXHAUST	19 LINEAL FEET OF RIDGE VENT @ .118 / SF. (PROFILEVENT)	=2.24 SQ. FT. NFVA
	3 *OF 4' OFF RIDGE VENTS @ .96 SF. / EA. (THOMPSON ARCHITECTURAL METAL 4' VENT)	=2.88 SQ. FT. NFVA
	TOTAL PROVIDED	=15.36 SQ. FT. NFVA
	TOTAL % @ UPPER VENTILATORS	=50% OF SQ. FT. NFVA PROVIDED

**CALCULATION NOTE:**  
ATTIC VENTILATION IS BALANCED. DO NOT ALTER VENTS SPECIFIED UNLESS NEW CALCULATIONS ARE COMPLETED.



**A** Roof Layout  
SCALE: 3/16" = 1'-0"



**B** Roof Plan  
SCALE: 3/16" = 1'-0"

revisions	by

**ROGERS RESIDENCE**  
181 SW HERON DRIVE  
FORT WHITE, FLORIDA

GILL ENGINEERING SERVICES, INC  
AUTH # 30824  
GARY GILL PE #51942  
144 SW WATERFORD CT.  
LAKE CITY, FL 32025  
386-590-1242

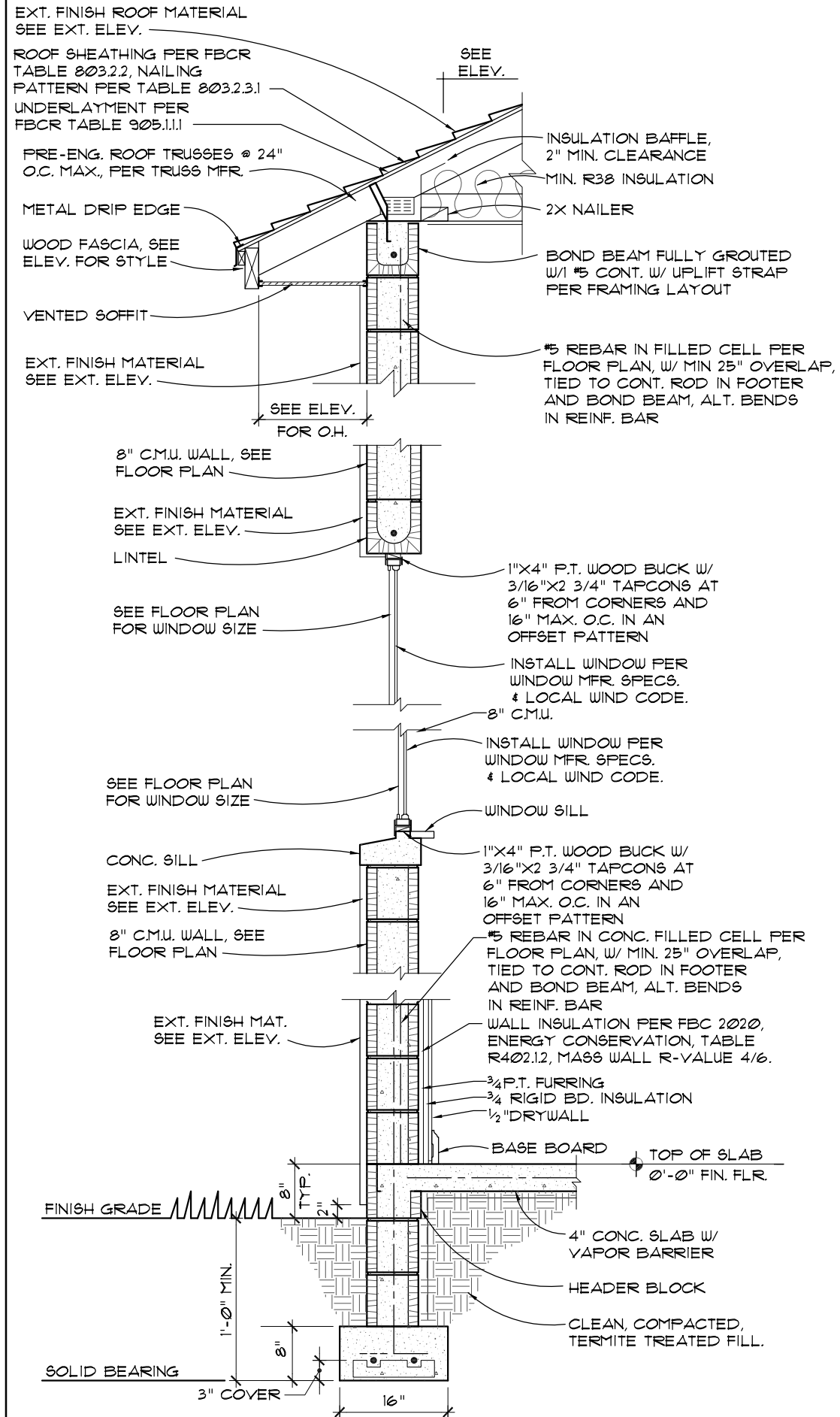
job no	GR0202
drawn by	DA
checked	DA
date	03/02/26
scale	AS NOTED
drawing no.	

**S2**

CONNECTORS SPECIFIED IN THESE DRAWINGS ARE SIMPSON STRONG-TIE UNLESS NOTED OTHERWISE.

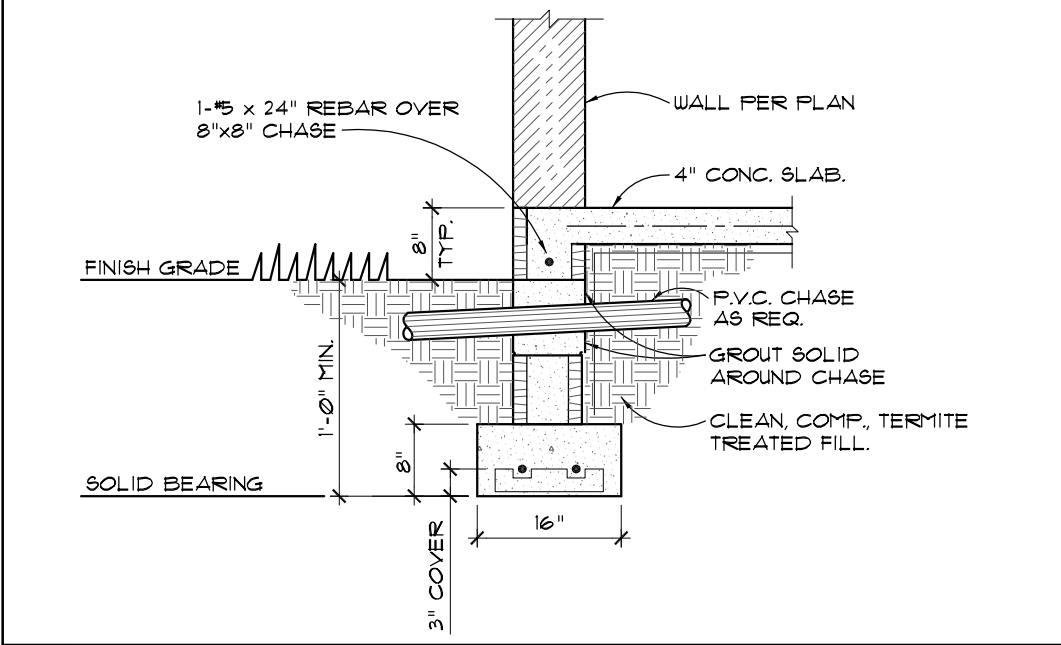
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY GARY GILL ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE. PRINTED COPIES, REVISIONS, AND SEALS UNDER RULE 6105-23.004, F.A.C. ENGINEERING SCOPE IS LIMITED TO WIND LOAD CALCULATIONS, STRUCTURAL ELEMENTS, AND COMPONENTS.

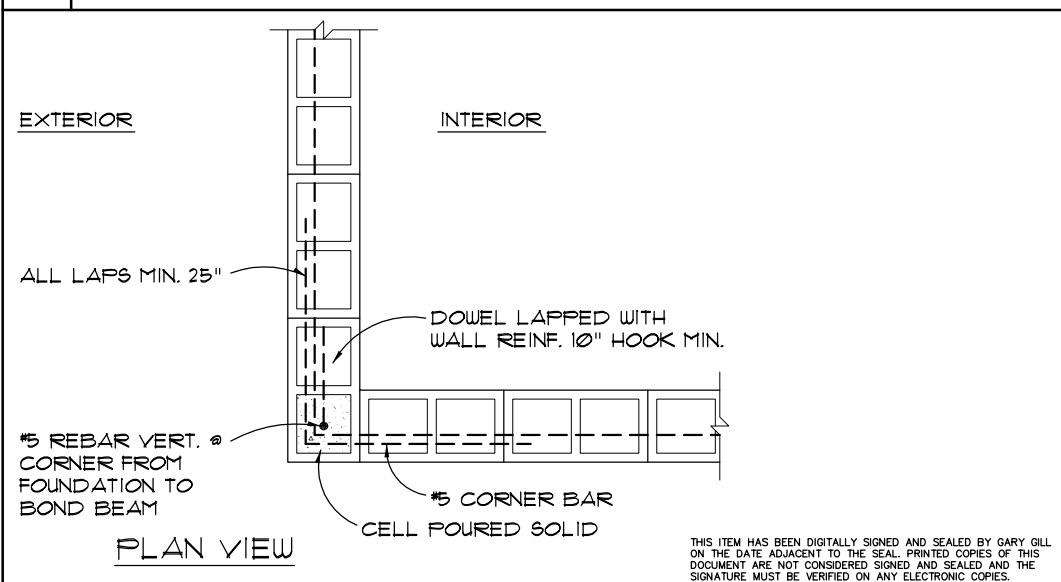


1 BLOCK WALL SECTION

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



2 UTILITY CHASE SCALE: 3/4" = 1'-0"



3 CORNER-VERTICAL WALL REINF. SCALE: 3/4" = 1'-0"

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY GARY GILL ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

revisions	by

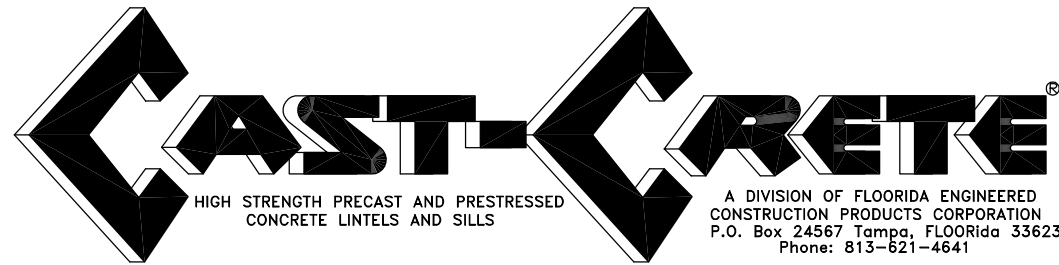
**ROGERS RESIDENCE**  
181 SW HERON DRIVE  
FORT WHITE, FLORIDA

GILL ENGINEERING SERVICES, INC  
AUTH # 30824  
GARY GILL PE #51942  
144 SW WATERFORD CT.  
LAKE CITY, FL 32025  
386-590-1242

job no	GRO202
drawn by	DA
checked	DA
date	03/02/26
scale	AS NOTED
drawing no.	

S3

THE ORIGINAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE. PRINTED COPIES, REVISIONS, AND SEALS UNDER RULE 6105-23.004, F.A.C. ENGINEERING SCOPE IS LIMITED TO WIND LOAD CALCULATIONS, STRUCTURAL ELEMENTS, AND COMPONENTS.



**SAFE GRAVITY LOADS FOR 8" PRECAST & PRESTRESSED U-LINTELS**

LENGTH	TYPE	SAFE LOAD - POUNDS PER LINEAR FOOT														
		8U8	8F8-0B	8F12-0B	8F16-0B	8F20-0B	8F24-0B	8F28-0B	8F32-0B	8F8-1B	8F12-1B	8F16-1B	8F20-1B	8F24-1B	8F28-1B	8F32-1B
3'-6" (42")	PRECAST	2231	3069	3719	5163	6607	8054	9502	10951							
4'-0" (48")	PRECAST	1966	2561	2751	3820	4890	5961	7034	8107							
4'-6" (54")	PRECAST	1599	2693	4605	6113	7547	8974	10394	11809							
5'-4" (64")	PRECAST	1217	1349	1438	1999	2560	3123	3686	4249							
5'-10" (70")	PRECAST	1062	1105	1173	1631	2090	2549	3009	3470							
6'-6" (78")	PRECAST	908	1238	2177	3480	5381	8360	10394	12428							
7'-6" (90")	PRECAST	743	1011	1729	2632	4205	6298	8391	10485							
9'-4" (112")	PRECAST	554	699	1160	1625	2564	3486	4408	5330							
10'-6" (126")	PRECAST	475	535	890	1247	2093	2777	3461	4145							

(#) THE NUMBERS IN PARENTHESIS ARE PERCENT REDUCTIONS FOR GRADE 40 FIELD ADDED REBAR.

**SAFE GRAVITY LOADS FOR 8" PRECAST w/ 2" RECESS DOOR U-LINTELS**

LENGTH	TYPE	SAFE LOAD - POUNDS PER LINEAR FOOT														
		8RU6	8RF6-0B	8RF10-0B	8RF14-0B	8RF18-0B	8RF22-0B	8RF26-0B	8RF30-0B	8RF6-1B	8RF10-1B	8RF14-1B	8RF18-1B	8RF22-1B	8RF26-1B	8RF30-1B
4'-4" (52")	PRECAST	1635	1749	3355	3280	4349	5421	6493	7567							
4'-6" (54")	PRECAST	1494	1891	3699	5206	6639	8060	9479	10893							
5'-8" (68")	PRECAST	866	1596	3063	2992	3968	4946	5924	6904							
5'-10" (70")	PRECAST	810	1756	3699	5206	6639	8060	9479	10893							
6'-8" (80")	PRECAST	797	920	1770	1716	2277	2839	3402	3966							
7'-6" (90")	PRECAST	669	1167	2481	4567	6389	8060	9717	11381							
9'-8" (116")	PRECAST	411	859	1653	1600	2124	2649	3174	3700							

(#) THE NUMBERS IN PARENTHESIS ARE PERCENT REDUCTIONS FOR GRADE 40 FIELD ADDED REBAR.

**SAFE LATERAL LOADS FOR 8" PRECAST & PRESTRESSED U-LINTELS**

LENGTH	TYPE	SAFE LOAD PLF		
		8U8	8F8	RCMU
3'-6" (42")	PRECAST	1025	1024	1598
4'-0" (48")	PRECAST	765	763	1309
4'-6" (54")	PRECAST	592	591	1073
5'-4" (64")	PRECAST	411	411	745
5'-10" (70")	PRECAST	340	339	616
6'-6" (78")	PRECAST	507	721	490
7'-6" (90")	PRECAST	424	534	363
9'-4" (112")	PRECAST	326	512	230
10'-6" (126")	PRECAST	284	401	180

**SAFE UPLIFT LOADS FOR 8" PRECAST & PRESTRESSED U-LINTELS**

LENGTH	TYPE	SAFE LOAD - POUNDS PER LINEAR FOOT													
		8F8-1T	8F12-1T	8F16-1T	8F20-1T	8F24-1T	8F28-1T	8F32-1T	8F8-2T	8F12-2T	8F16-2T	8F20-2T	8F24-2T	8F28-2T	8F32-2T
3'-6" (42")	PRECAST	1569	2655	3524	4394	5263	6132	7001							
4'-0" (48")	PRECAST	1363	2305	3060	3815	4570	5325	6079							
4'-6" (54")	PRECAST	1207	2040	2707	3375	4043	4711	5379							
5'-4" (64")	PRECAST	1016	1715	2276	2838	3399	3961	4522							
5'-10" (70")	PRECAST	909	1567	2080	2593	3107	3620	4133							
6'-6" (78")	PRECAST	835	1407	1868	2329	2790	3251	3712							
7'-6" (90")	PRECAST	727	1224	1624	2025	2426	2827	3228							
9'-4" (112")	PRECAST	591	708	1136	1474	1815	2157	2500							
10'-6" (126")	PRECAST	530	575	916	1188	1461	1736	2011							

(#) THE NUMBERS IN PARENTHESIS ARE PERCENT REDUCTIONS FOR GRADE 40 FIELD ADDED REBAR.

**SAFE LATERAL LOADS FOR 8" PRECAST w/ 2" RECESS DOOR U-LINTELS**

LENGTH	TYPE	SAFE LOAD PLF		
		8RU6	8RF6	RCMU
4'-4" (52")	PRECAST	758	757	1164
4'-6" (54")	PRECAST	694	693	1073
5'-8" (68")	PRECAST	408	407	655
5'-10" (70")	PRECAST	382	381	616
6'-8" (80")	PRECAST	595	788	464
7'-6" (90")	PRECAST	509	674	363
9'-8" (116")	PRECAST	370	490	214

**SAFE UPLIFT LOADS FOR 8" PRECAST w/ 2" RECESS DOOR U-LINTELS**

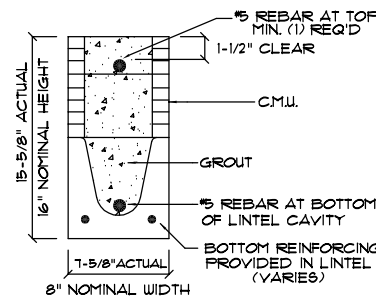
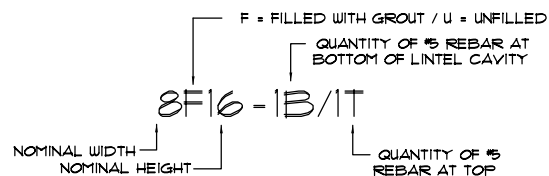
LENGTH	TYPE	SAFE LOAD - POUNDS PER LINEAR FOOT													
		8RF6-1T	8RF10-1T	8RF14-1T	8RF18-1T	8RF22-1T	8RF26-1T	8RF30-1T	8RF6-2T	8RF10-2T	8RF14-2T	8RF18-2T	8RF22-2T	8RF26-2T	8RF30-2T
4'-4" (52")	PRECAST	905	1668	2362	3056	3751	4445	5140							
4'-6" (54")	PRECAST	867	1604	2272	2939	3607	4275	4943							
5'-8" (68")	PRECAST	675	1269	1797	2326	2854	3382	3911							
5'-10" (70")	PRECAST	655	1207	1746	2259	2773	3286	3799							
6'-8" (80")	PRECAST	570	929	1530	1980	2429	2879	3329							
7'-6" (90")	PRECAST	506	742	1364	1765	2166	2567	2968							
9'-8" (116")	PRECAST	395	468	884	1222	1540	1859	2180							

(#) THE NUMBERS IN PARENTHESIS ARE PERCENT REDUCTIONS FOR GRADE 40 FIELD ADDED REBAR.

**SAFE LOAD TABLE NOTES**

- All values based on minimum 4" bearing. Exception: safe loads for unfilled lintels must be reduced by 20% if bearing length is less than 6-1/2". Safe loads for all recessed lintels based on 8" nominal bearing.
- N.R. = Not Rated.
- Safe loads are total superimposed allowable load on the section specified.
- Safe loads based on grade 40 or grade 60 field rebar.
- Additional lateral load capacity can be obtained by the designer by providing additional reinforced masonry above the precast lintel.
- One #1 rebar may be substituted for two #5 rebars in 8" lintels only.
- The designer may evaluate concentrated loads from the safe load tables by calculating the maximum resisting moment and shear at d-away from the face of support.
- For composite lintel heights not shown, use safe load from next lower height.
- All safe loads in units of pounds per linear foot.

**TYPE DESIGNATION**

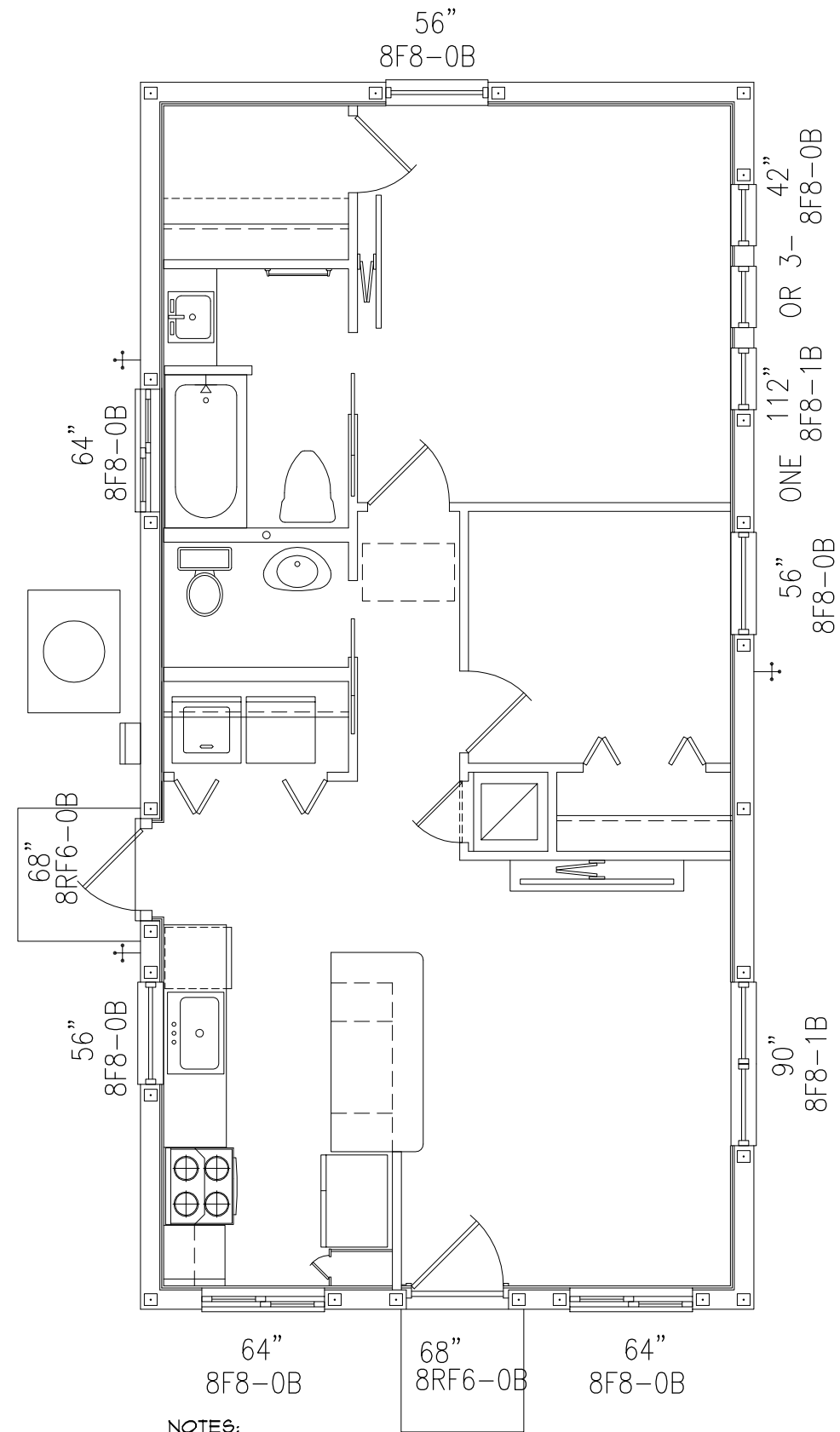


**MATERIALS**

- f'c precast lintels = 3500 psi.
- f'c prestressed lintels = 6000 psi.
- f'c grout = 3000 psi w/ maximum 3/8" aggregate.
- Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
- Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR40 or GR60.
- Prestressing strand per ASTM A416 grade 270 low relaxation.
- 1/32 wire per ASTM A510.
- Mortar per ASTM C270 type M or S.

**GENERAL NOTES**

- Provide full mortar head and bed joints.
- Shore filled lintels as required.
- Installation of lintel must comply with the architectural and/or structural drawings.
- Lintels are manufactured with 5-1/2" long notches at the ends to accommodate vertical cell reinforcing and grouting.
- All lintels meet or exceed L/360 vertical deflection, except lintels 17'-4" and longer with a nominal height of 8" meet or exceed L/180.
- Bottom field added rebar to be located at the bottom of the lintel cavity.
- 1/32" diameter wire stirrups are welded to the bottom steel for mechanical anchorage.
- Cast-in-place concrete may be provided in composite lintel in lieu of concrete masonry units.
- Safe load ratings based on rational design analysis per ACI 318 and ACI 530



**NOTES:**

- THIS INFORMATION IS BASED ON THE DATA SUPPLIED BY CAST CRETE AND IT'S ENGINEERS.
- ALL OPENINGS TO BE COORDINATED WITH WINDOW AND DOOR SUPPLIER.

**Lintel Schedule**  
SCALE: 1/4" = 1'-0"

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY GARY GILL ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

revisions	by

**ROGERS RESIDENCE**  
181 SW HERON DRIVE  
FORT WHITE, FLORIDA

GILL ENGINEERING SERVICES, INC  
AUTH # 30824  
GARY GILL PE #51942  
144 SW WATERFORD CT.  
LAKE CITY, FL 32025  
386-590-1242

job no  
GRO202  
drawn by  
DA  
checked  
DA  
date  
03/02/26  
scale  
AS NOTED  
drawing no.

**S4**