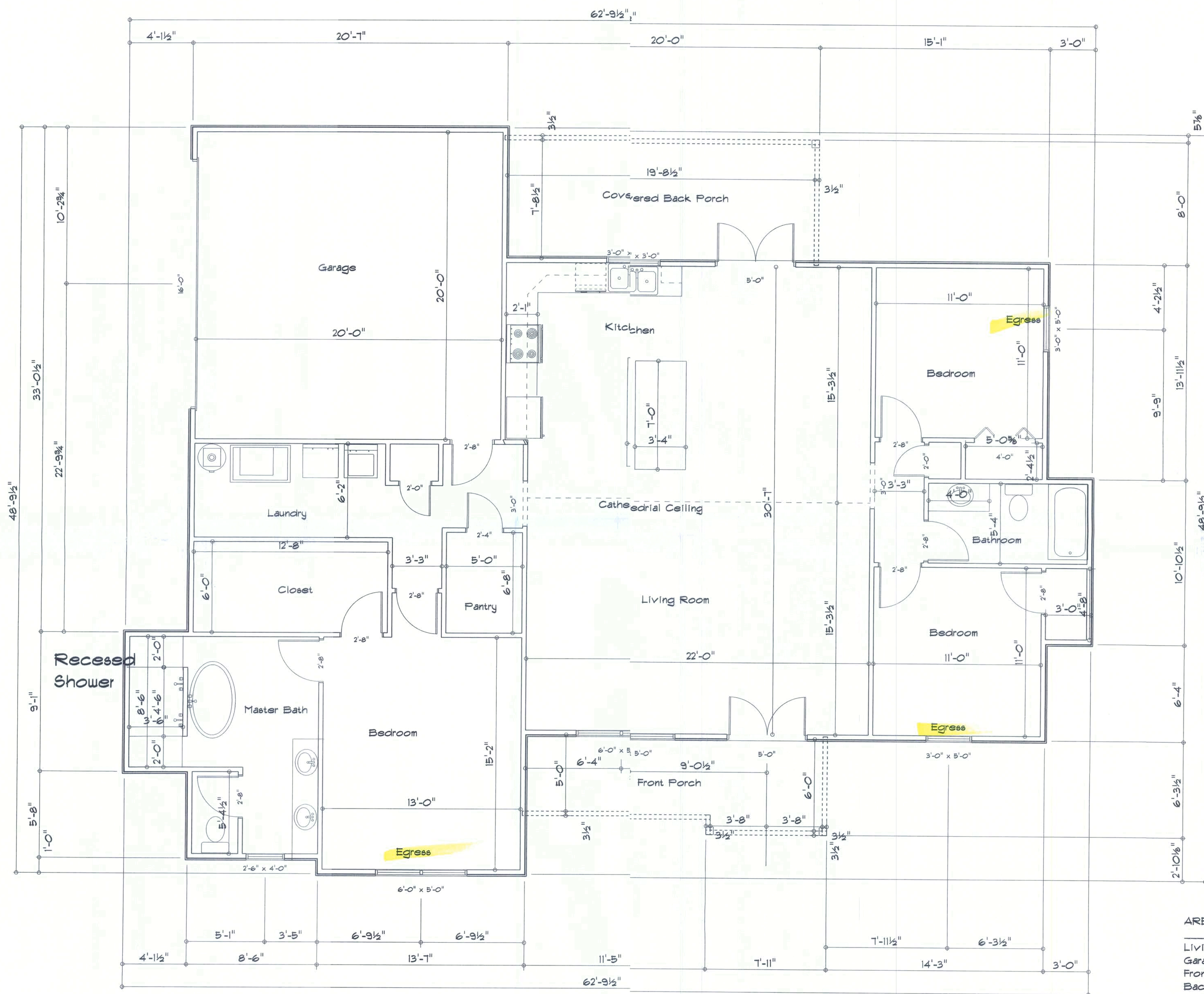


REVISIONS	



Cantilever Front and Back Porch

AREA SUMMARY

Living Area	1755	S.F.
Garage Area	424	S.F.
Front Porch Area	168	S.F.
Back Porch	111	S.F.
Total Area	2458	S.F.

Floor Plan
1/4" = 1'



RESIDENCE
Hiram Soler
144 E. Cedarwood Gln
Lak City, FL 32025
ADDRESS:
Columbia County, Florida

Woodmar Park Builders, Inc.
Lak City, Florida
Phone: (386) 755-2411
Fax: (386) 755-8684
Email:

PRINTED DATE: _____

DRAWN BY: _____ CHECKED BY: _____

DESIGNED BY:
Mark Haddock

FINAL DATE: _____

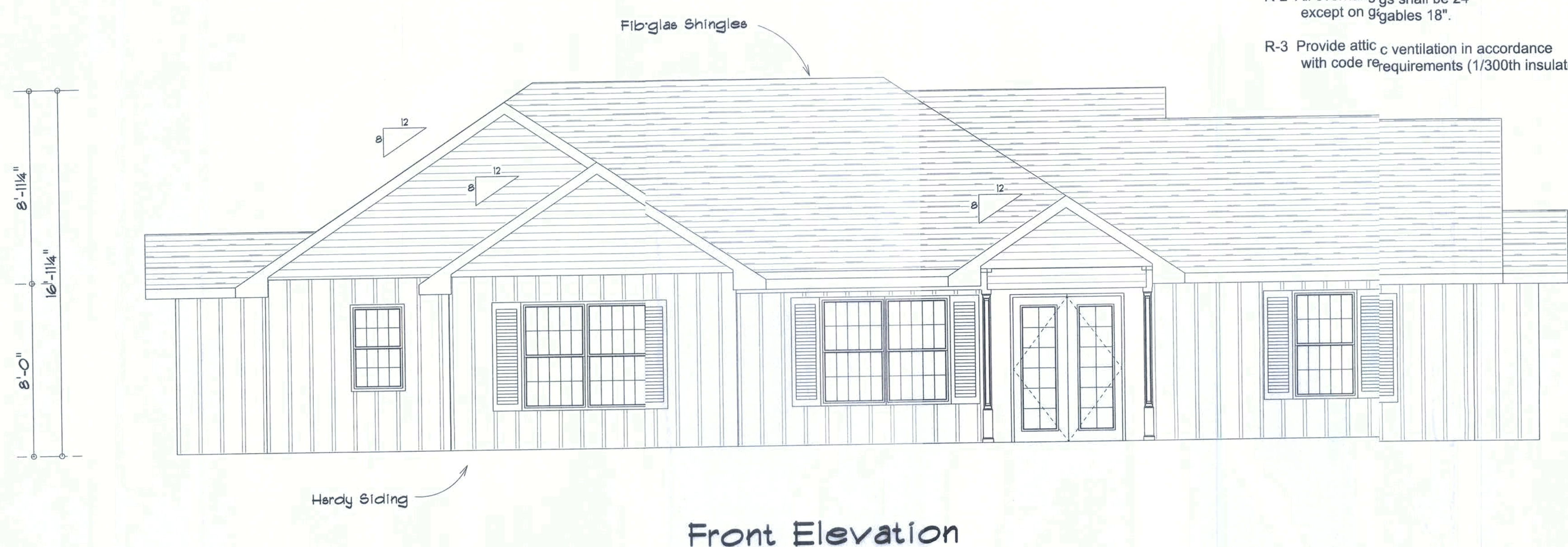
JOE NUMBER: _____

DRAWING NUMBER
A-1

REVISIONS	

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

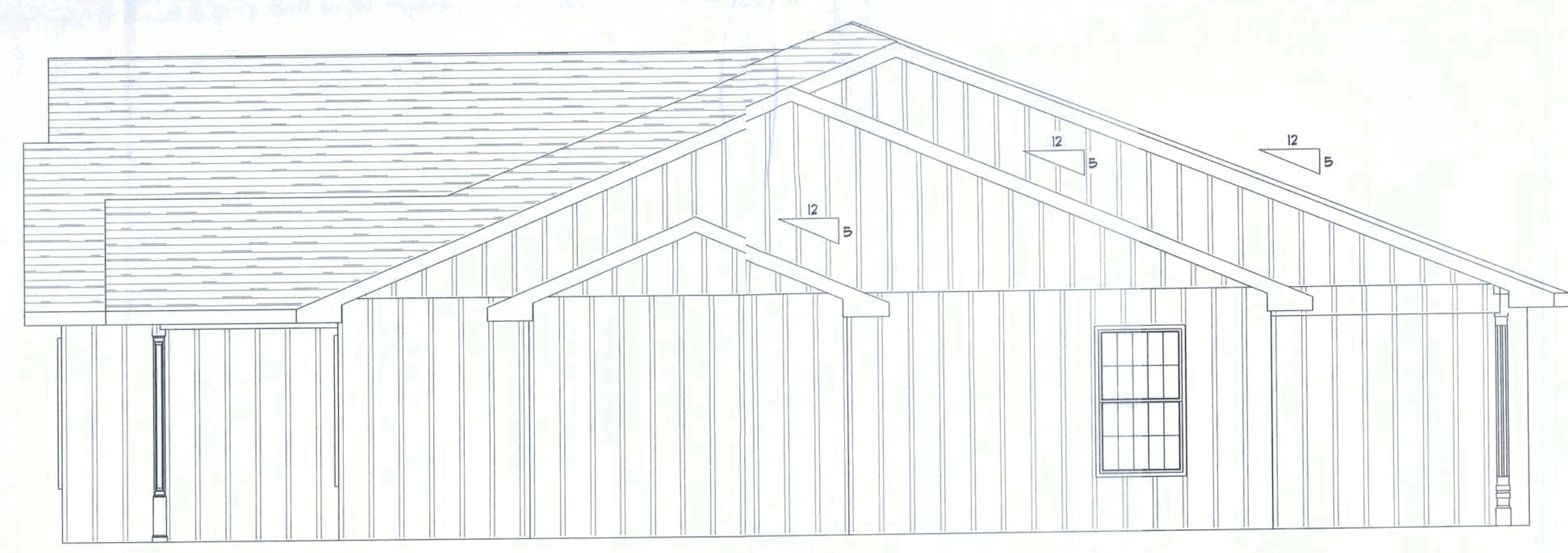
- Notes:
- R-1 All roof pitches shall be 6/12 unless otherwise noted.
 - R-2 All overhangs shall be 24" except on gables 18".
 - R-3 Provide attic ventilation in accordance with code requirements (1/300th insulated attic).



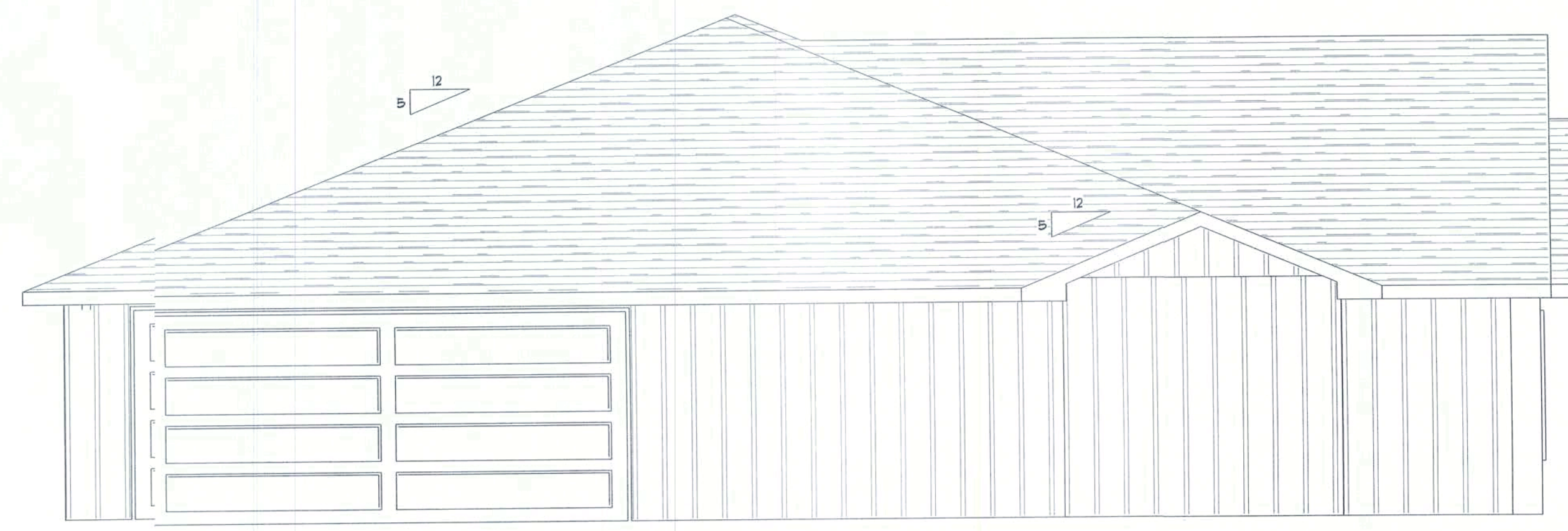
Front Elevation



Rear Elevation



Right Elevation



Left Elevation

RESIDENCE
Hiram Soler
144 SE Cedarwood Gln.
Lake City, FL 32025
ADDRESS:
Columbia County, Florida

Woodman Park Builders, Inc.
Lake City, Florida
Phone: (386) 755-2411
Fax: (386) 755-8684
Email:

PRINTED DATE:

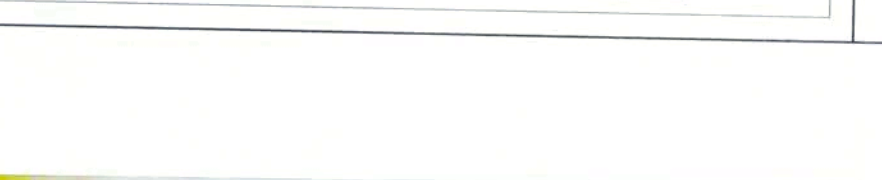
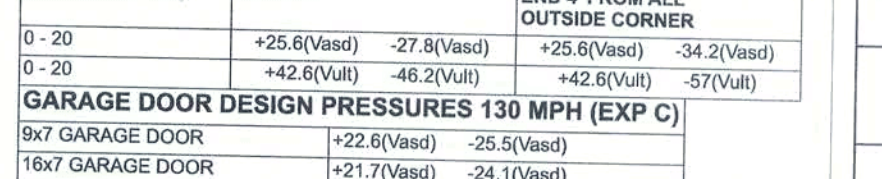
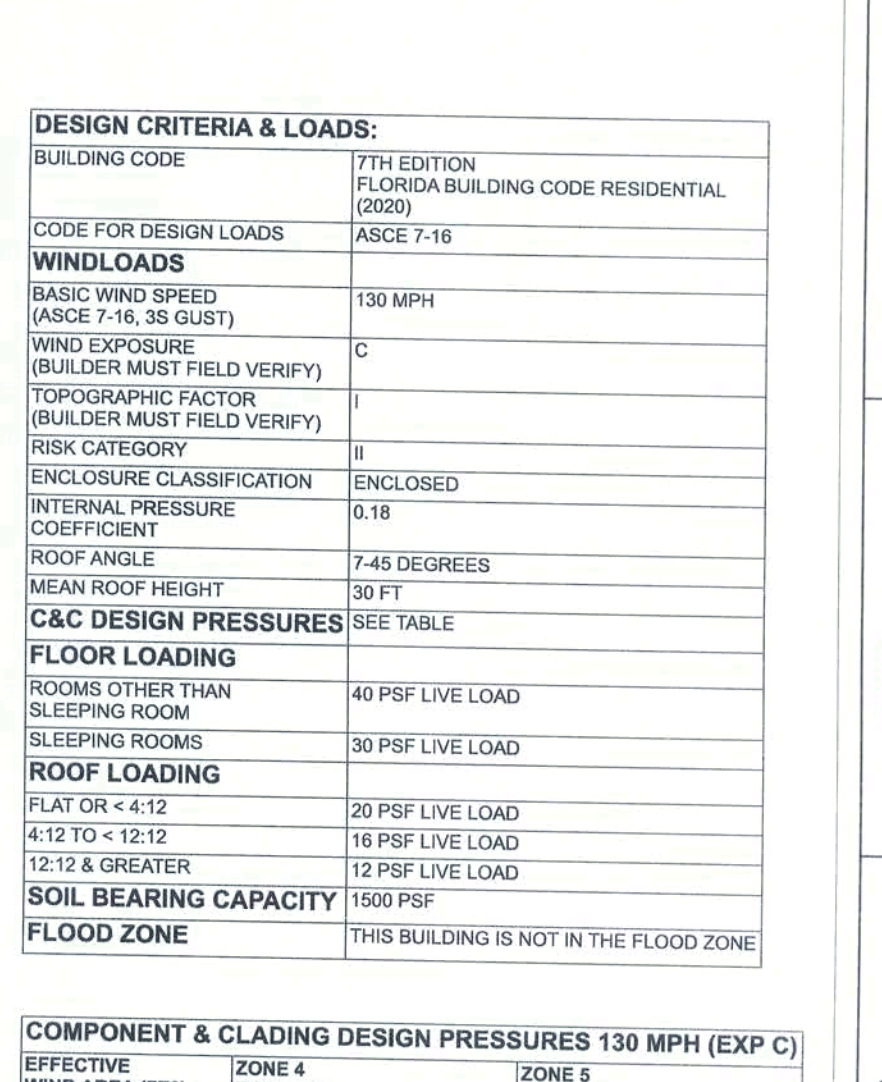
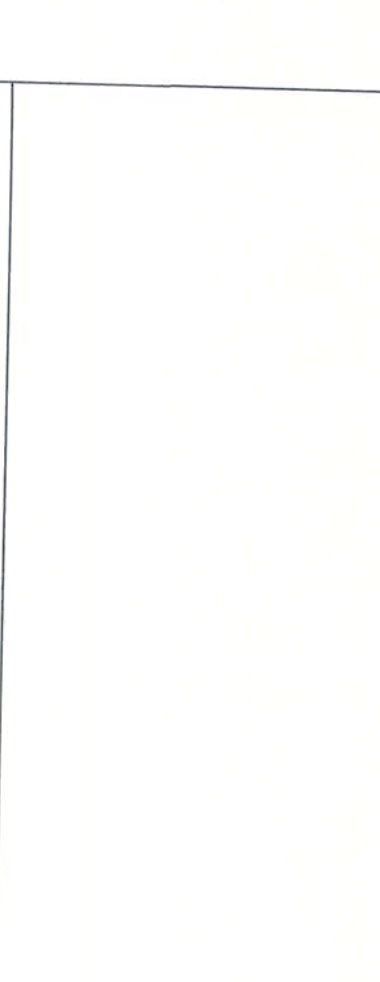
DRAWN BY: CHECKED BY:

DESIGNED BY:
Mark Haddock

FINALS DATE:

JOB NUMBER:

DRAWING NUMBER
A-3



OF 3 SHEETS

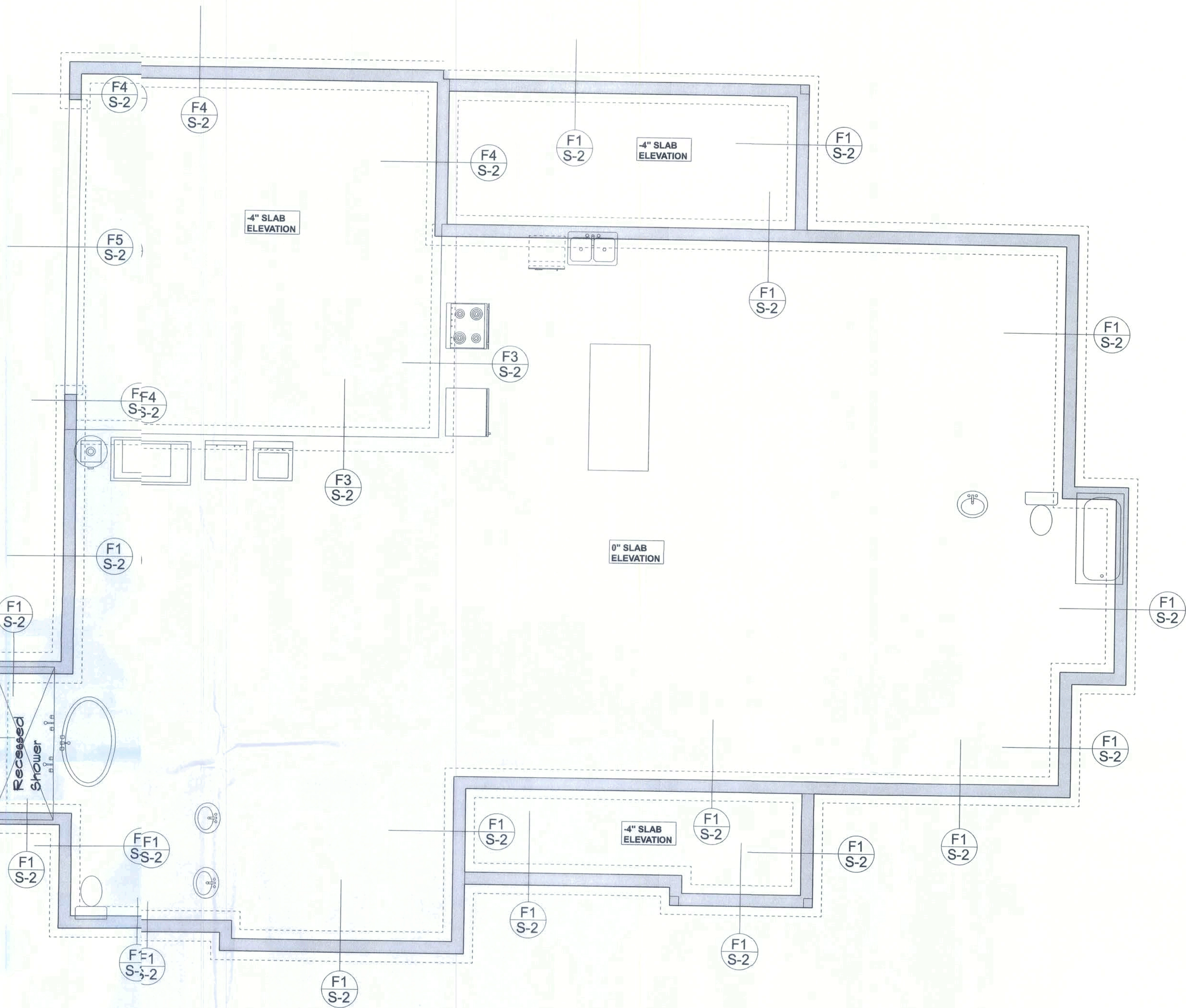
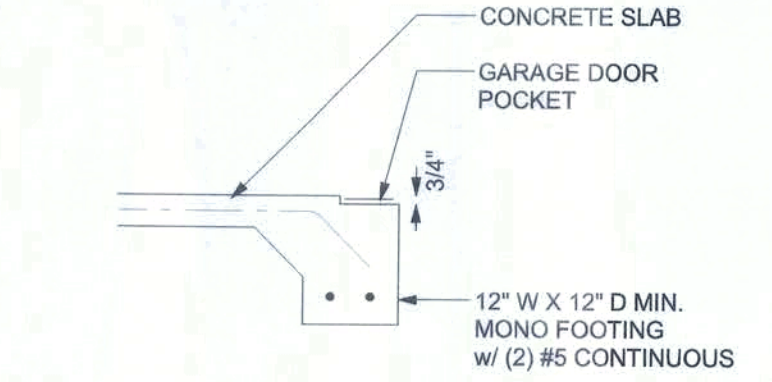
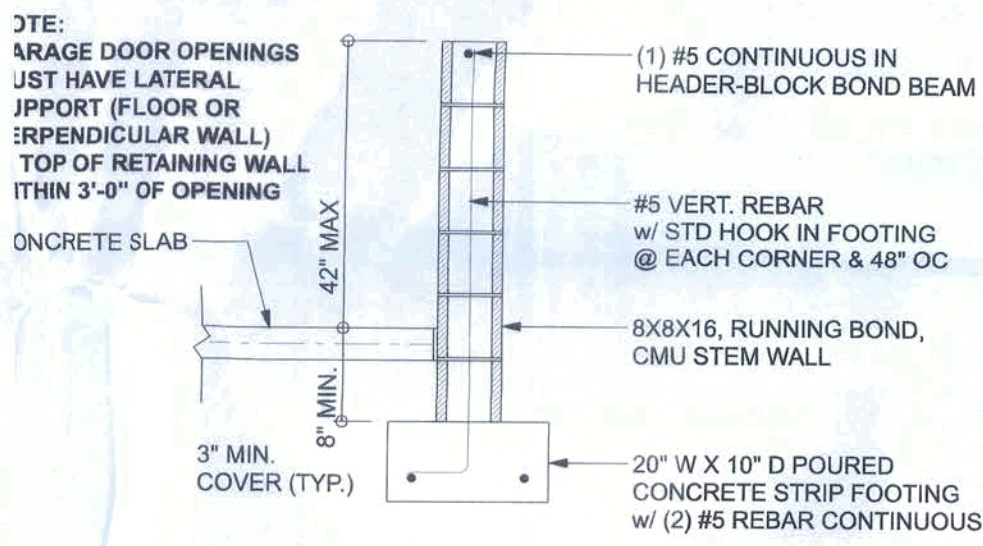
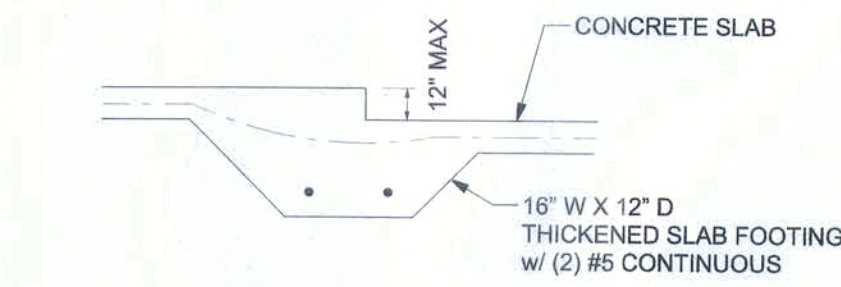
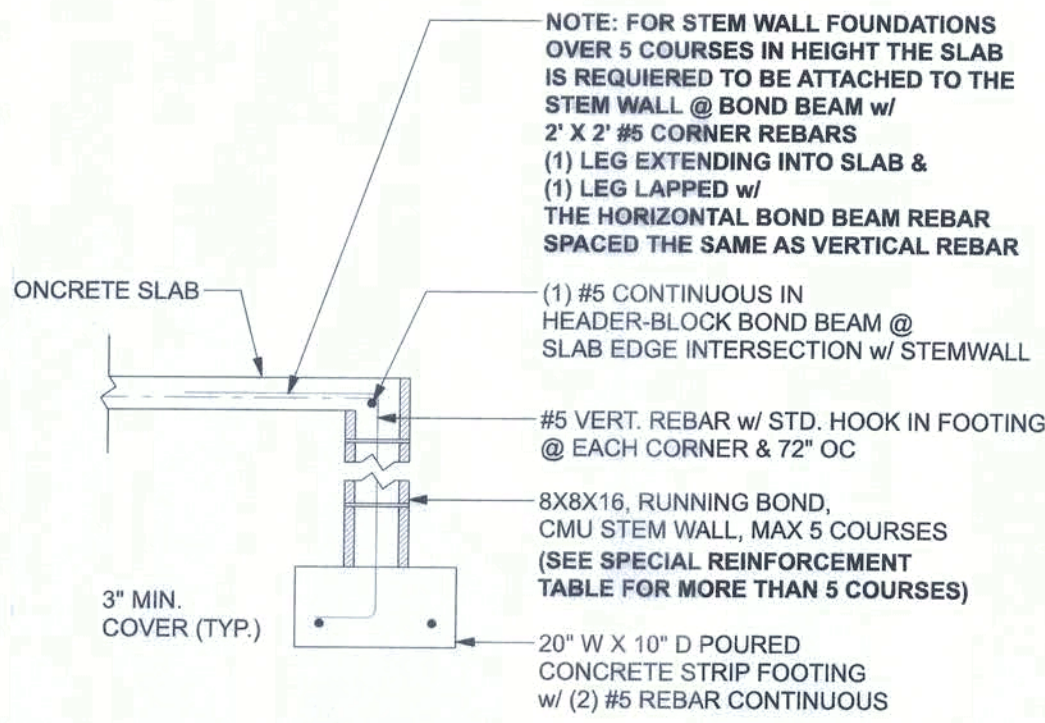
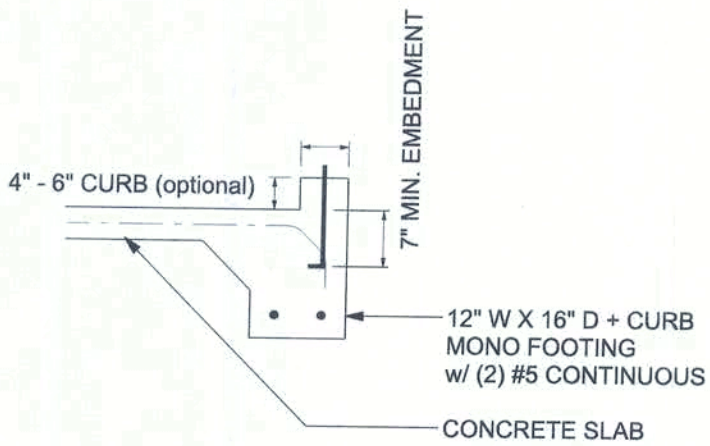
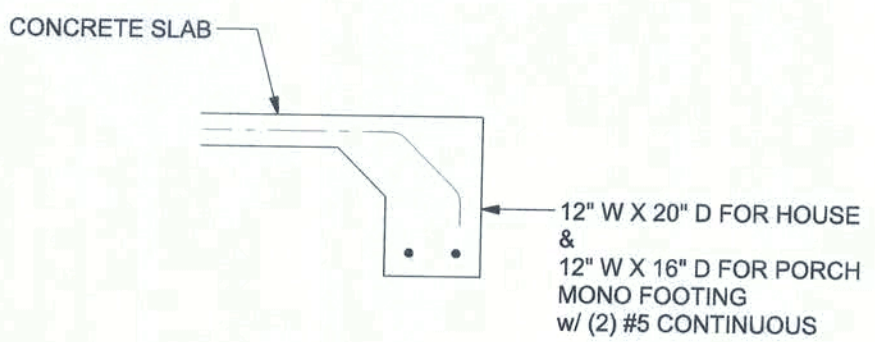
TALL STEM WALL TABLE:
The table assumes 40 ksi for #5 rebar and 60 ksi for #7 & #8 rebar with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add Duowall ladder reinforcement at 16" O.C. vertically or a horizontal bond beam with #5 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

STEM WALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	40	80	96	80	96	96
6.7	6.3	32	56	80	56	96	96
7.3	7.0	24	40	56	40	80	96
8.0	7.7	16	32	48	32	64	80
8.7	8.3	8	24	32	24	48	64
9.3	9.0	8	16	24	16	40	48

MASONRY NOTE:
MASONRY CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 8/TMS 602). THE CONTRACTOR AND MASON MUST IMMEDIATELY, BEFORE PROCEEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530.1-02 AND THESE DESIGN DRAWINGS. ANY EXCEPTIONS TO ACI 530.1-02 MUST BE APPROVED BY THE ENGINEER IN WRITING.

ACI 530.1-02 Section	Specific Requirements
1.4A Compressive strength	8" block bearing walls F'm = 1500 psi
2.1 Mortar	ASTM C 270, Type N, UNO
2.2 Grout	ASTM C 476, admixtures require approval
2.3 CMU standard	ASTM C 90-02, Normal weight, Hollow, medium surface finish, 8"x8"x16" running bond and 12"x12" or 16"x16" column block
2.3 Clay brick standard	ASTM C 216-02, Grade SW, Type FBS, 5.5"x2.75"x11.5"
2.4 Reinforcing bars, #3 - #11	ASTM 615, Grade 40, Fy = 40 ksi, Lap splices min 40 bar dia. (25" for #6)
2.4F Coating for corrosion protection	Anchors, sheet metal less completely embedded in mortar or grout, ASTM A525, Class G50, 0.60 oz/lb or 304SS
2.4F Coating for corrosion protection	Joint reinforcement in walls exposed to moisture or wire ties, anchors, sheet metal less not completely embedded in mortar or grout, ASTM A153, Class B2, 1.50 oz/lb or 304SS
3.3.E.2 Pipes, conduits, and accessories	Any not shown on the project drawings require engineering approval.
3.3.E.7 Movement joints	Contractor assumes responsibility for type and location of movement joints if not detailed on project drawings.

BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL



FOUNDATION NOTES

FN - 1 DIMENSIONS ON FOUNDATION & STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS. RECESSES IN SLAB, STEP DOWNINGS, ETC. DISWAY DESIGN GROUP OR MARK DISWAY, P.E. IS NOT RESPONSIBLE FOR DIMENSION DISCREPANCY. FE IS NOT RESPONSIBLE FOR ANY ERRORS ON THIS PLAN.

FN - 2 CONTRACTOR SHALL VERIFY NEED FOR INTERIOR BEARING (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN.

FN - 3 THE SLAB SHALL BE 4" CONCRETE SLAB REINFORCED W/ @ 12" O.C. WELDED WIRE MESH PLACED ON CHAIRS. POLY VAPOR BARRIER OR FIBER MESH CONCRETE, 6-MIL POLY VAPOR BARRIER w/ #1 LARS SEALED w/ (ALSO, ANY OTHER CODE APPROVED TERMITES/TREATMENT METHOD CAN BE USED INSTEAD).

Hiram Solar Res.
PROJECT ADDRESS:
1400 S. Hiram Road
Lake City, FL 32025

DIMENSIONS:
Stated dimensions are scaled dimensions. Refer questions to Mark Disway, P.E. or resolution. Do not proceed without clarification.

COPYRIGHTS AND PROPERTY RIGHTS:
Mark Disway, P.E. hereby expressly reserves its common law copyright and property right in these instruments of service. This document is not to be reproduced, altered or copied in any form or manner without first the express written permission and consent of Mark Disway.

CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with the 7th Edition Florida Building Code Residential (2020) to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

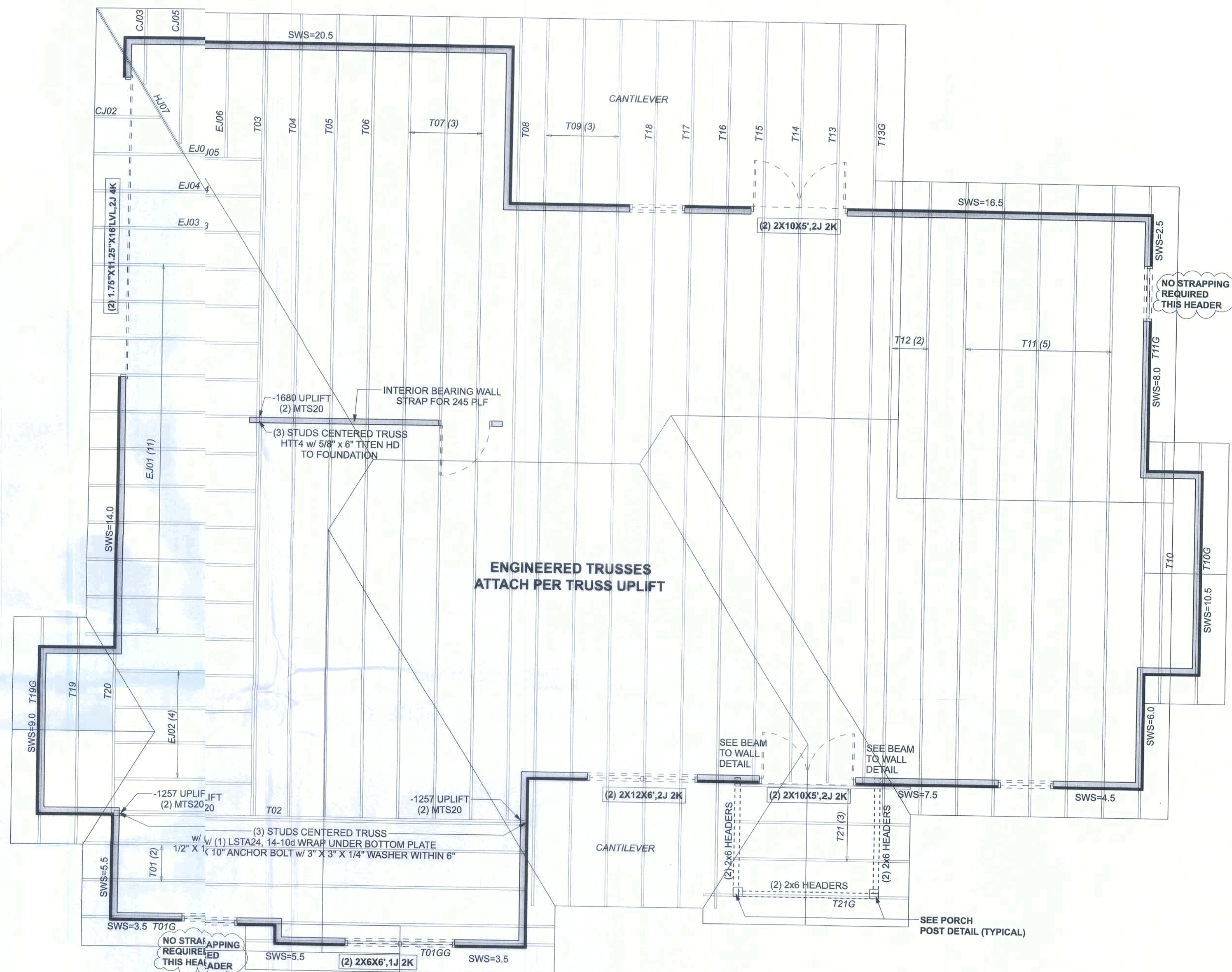
MARK DISWAY P.E. 53915



Mark Disway P.E.
163 SW Mdtown Place
Suite 103
Lake City, Florida 32025
386.744.5419
diswaydesign@gmail.com

JOB NUMBER:
21557

S-2
OF 3 SHEETS

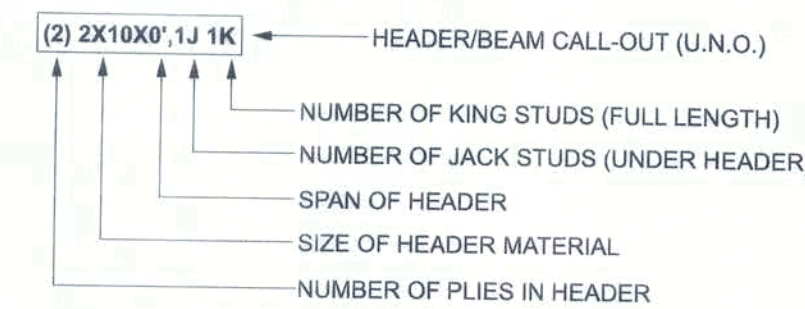


STRUCTURAL PLAN
SCALE: 1/4" = 1'-0"

STRUCTURAL PLAN NOTES

- SN-1** ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X6 SP #2 (U.N.O.)
- SN-2** ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- SN-3** ALL HEADERS w/ UPLIFT TO BE STRAPPED DOWN @ EACH SIDE WITH (1) LSTA24, 14-10d @ TOP & BOTTOM OF WALL WRAP UNDER BOTTOM PLATE & OVER TOP PLATE 1/2" X 10" ANCHOR BOLT w/ 3" X 3" X 1/4" WASHER MUST BE LOCATED WITHIN 6" OF KING STUD @ ALL DOOR LOCATIONS (U.N.O.)
- SN-4** USE ONE JACK STUD GIRDER SUPPORT PER 2500 LB LOAD
- SN-5** DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-6** PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BCSI-03. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

HEADER LEGEND



ACTUAL vs REQUIRED SHEARWALL	
	TRANSVERSE
ACTUAL	21978 LBF
REQUIRED	17246 LBF

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. BUILDERS FIRST SOURCE JOB #2975129

Hiram Soler Res.
PROJECT ADDRESS:
144 SE Cedarwood Gln
Lake City, FL 32025

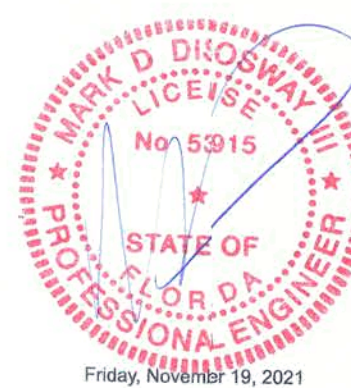
DIMENSIONS:
Stated dimensions supersede scaled dimensions. Refer all questions to Mark Disoway, P.E. for resolution. Do not proceed without clarification.

COPYRIGHTS AND PROPERTY RIGHTS:
Mark Disoway, P.E. hereby expressly reserves its common law copyright and property right in these instruments of service. This document is not to be reproduced, altered or copied in any form or manner without the express written permission and consent of Mark Disoway.

CERTIFICATION: I hereby certify that I have examined this plan, and all the applicable portions of the plan, relating to wind engineering comply with the 7th Edition Florida Building Code Residential (2020) to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location.

MARK DISOWAY P.E. 53915



Mark Disoway P.E.
163 SW Midtown Place
Suite 103
Lake City, Florida 32025
386.7545419
disowaydesign@gmail.com

JOB NUMBER:
21157

S-3
OF 3 SHEETS