



REAR ELEVATION
SCALE: 1/4" = 1'-0"

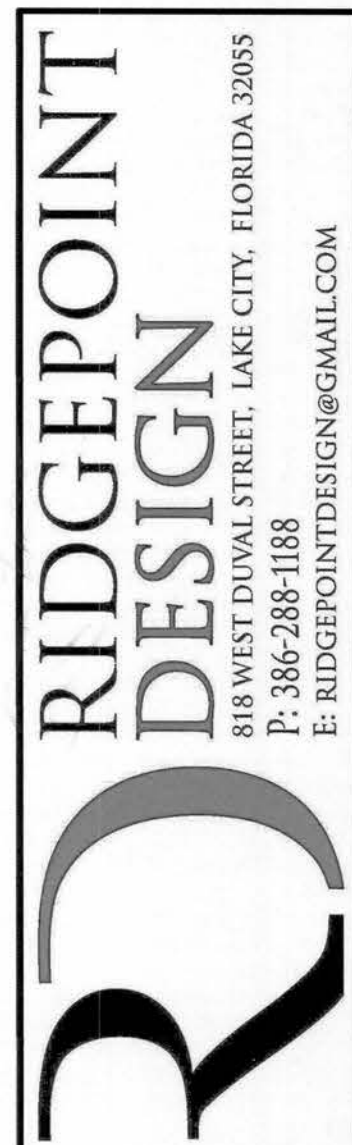


FRONT ELEVATION
SCALE: 1/4" = 1'-0"

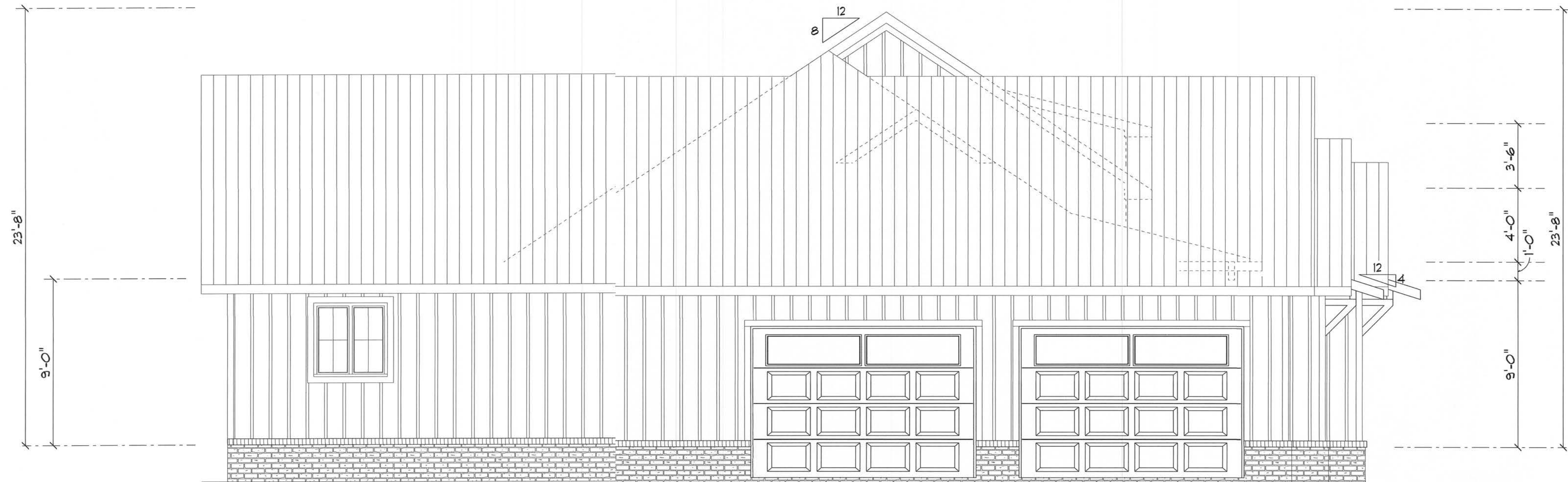


REVISIONS SCHEDULE		
July 15th, 2019	PROPOSAL	
July 24th, 2019	PRE-PERMIT	

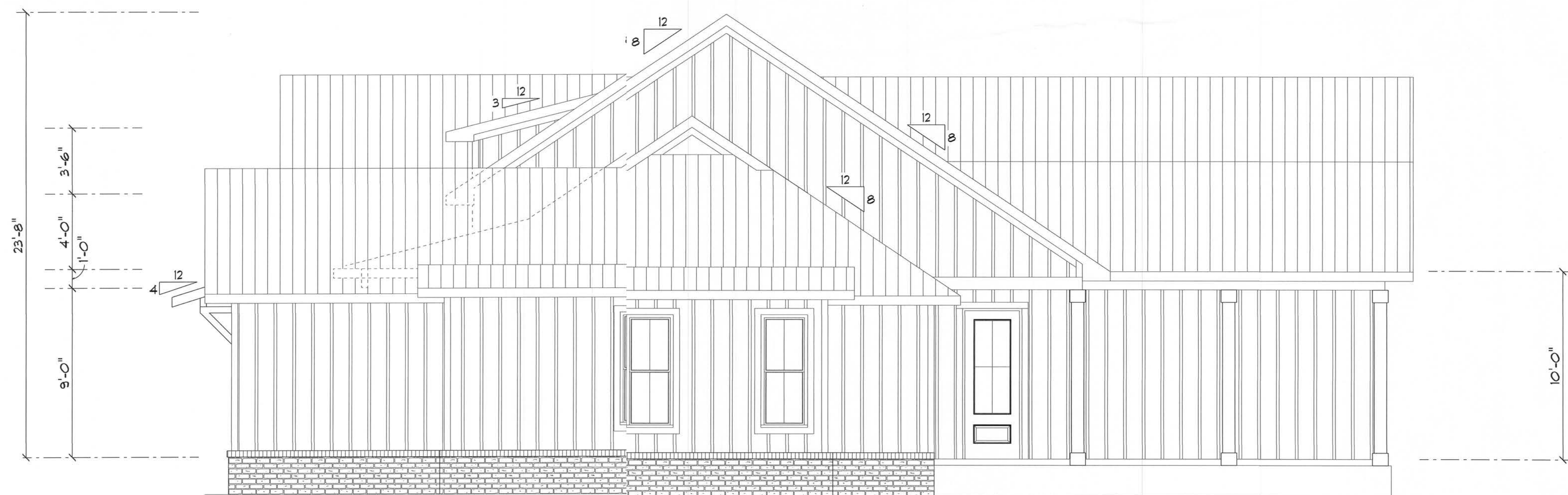
KARLTON RESIDENCE
LAKE CITY, FLORIDA



SHEET NUMBER
A.1
OF 4 SHEETS



LEFT ELEVATION
SCALE: 1/4" = 1'-0"



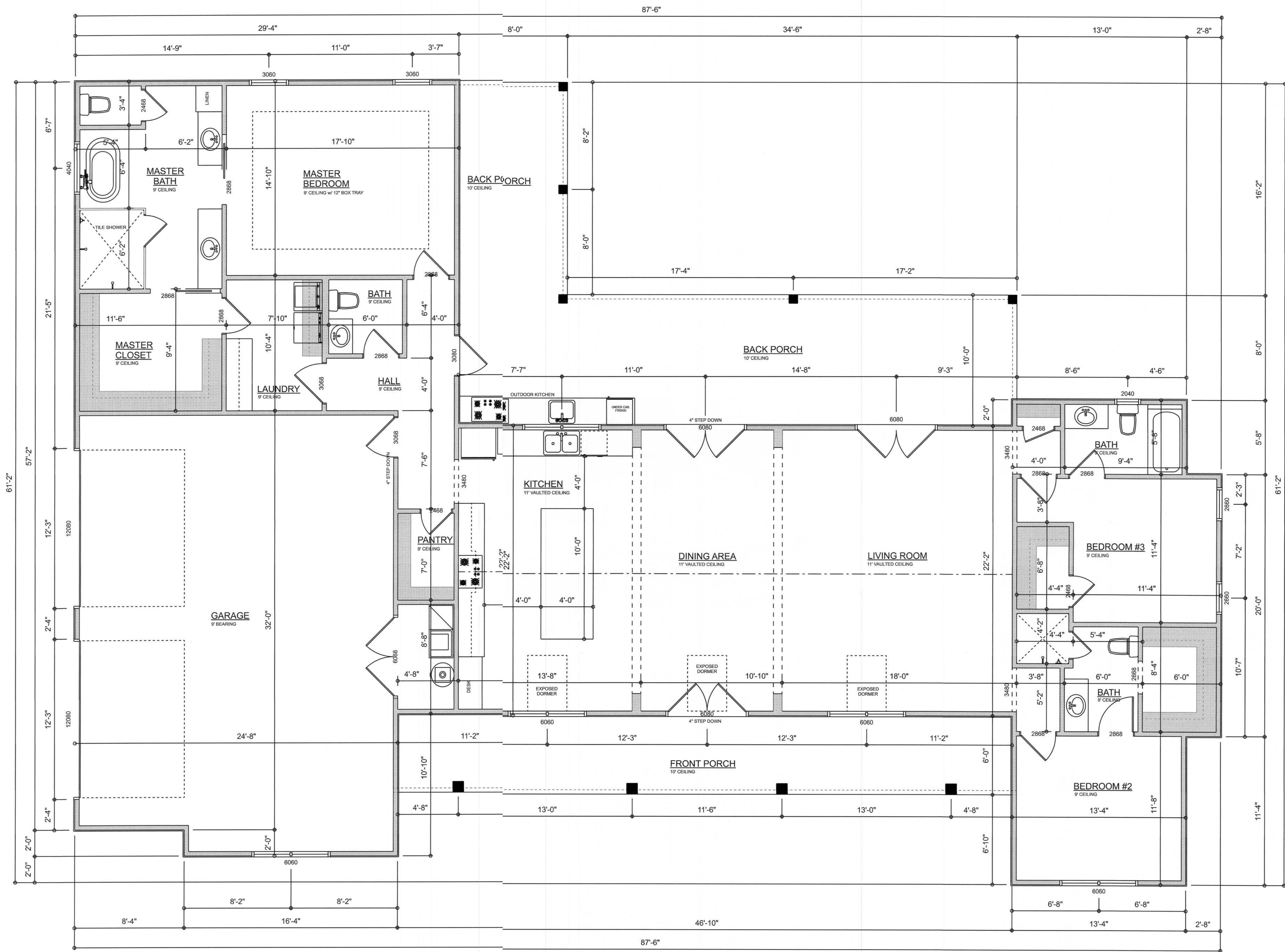
RIGHT ELEVATION
SCALE: 1/4" = 1'-0"

REVISIONS SCHEDULE		
July 15th, 2019	PROPOSAL	
July 24th, 2019	PRE-PERMIT	

KARLTON RESIDENCE
LAKE CITY, FLORIDA



SHEET NUMBER
A.2
OF 4 SHEETS



DIMENSIONED FLOOR PLAN
SCALE: 1/4" = 1'-0"

AREA SUMMARY		
LIVING	2,286	S.F.
FRONT PORCH	281	S.F.
BACK PORCH	554	S.F.
GARAGE	862	S.F.
TOTAL AREA	3,983	S.F.

REVISIONS SCHEDULE

PROPOSAL

July 15th, 2019

CARLTON RESIDENCE

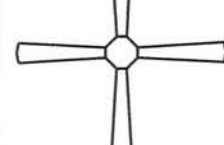
LAKE CITY, FLORIDA

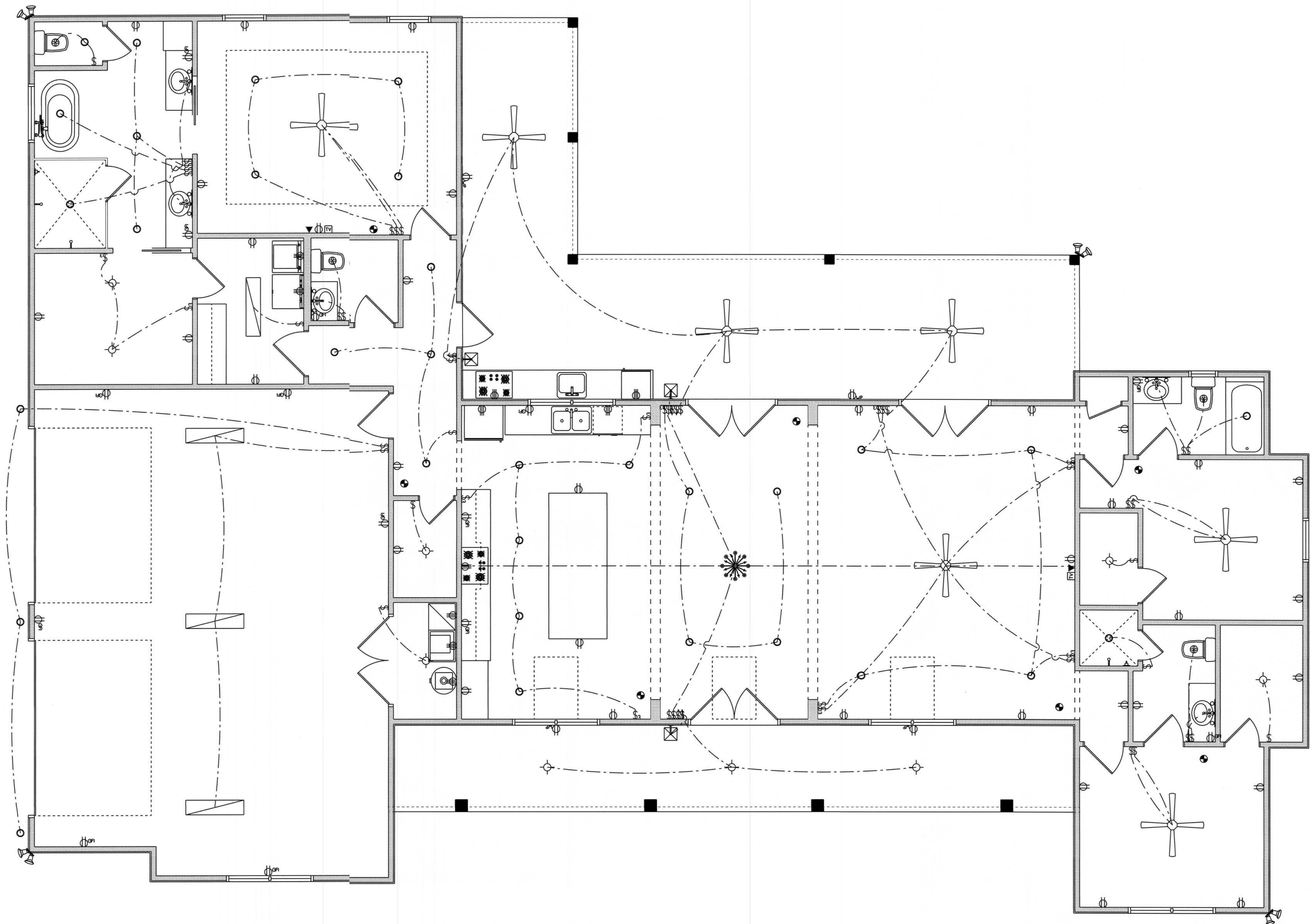


SHEET NUMBER

A.3

OF 4 SHEETS

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
ceiling fan 4 bladed 01	7	
can light 6inch	32	
ceiling classic	1	
fluorescent light 1 x 4	4	
arts and craft exterior light	3	
spotlight double with motion detector	4	
LAN connection	2	
cable tv outlet	2	
fan	4	
light	9	
outlet	32	
outlet 220v	10	
outlet gfi	14	
outlet wp	4	
smoke detector	7	
switch	32	
switch 3 way	20	
vanity bar light 02	5	



ELECTRICAL FLOOR PLAN

REVISIONS SCHEDULE	
July 15th, 2019	PROPOSAL

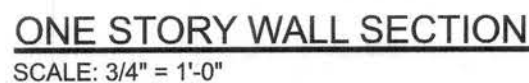
RIDGEPOINT
DESIGN

818 WEST DUVAL STREET, LAKE CITY, FLORIDA 32055
P: 386-288-1188
E: RIDGEPOINTDESIGN@GMAIL.COM

CARLTON RESIDENCE
LAKE CITY, FLORIDA

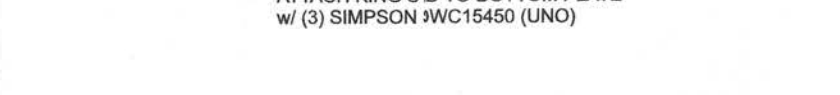
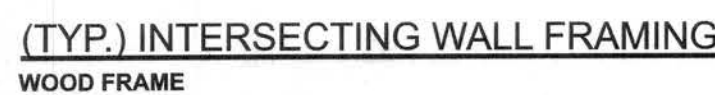
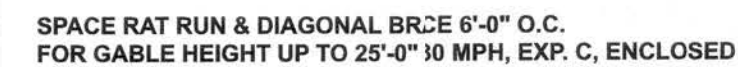
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EXTERIOR WALL STUD TABLE FOR SPF #2 STUDS:

(1) 2x4 @ 16" OC	TO 10'-1" STUD HEIGHT
(1) 2x4 @ 12" OC	TO 11'-2" STUD HEIGHT
(1) 2x6 @ 16" OC	TO 15'-7" STUD HEIGHT
(1) 2x6 @ 12" OC	TO 17'-3" STUD HEIGHT

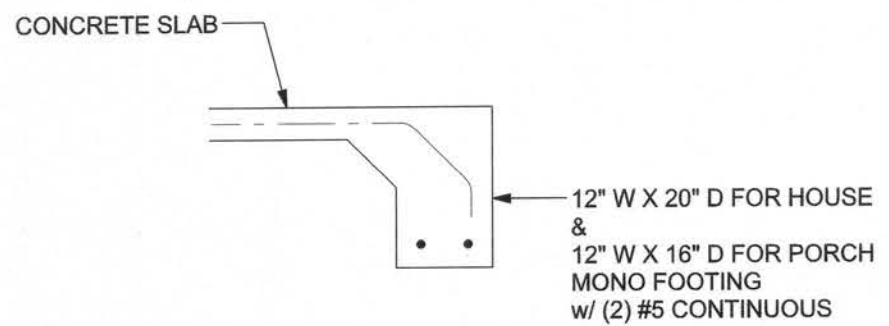


TYPICAL HEADER STRAPING DETAIL

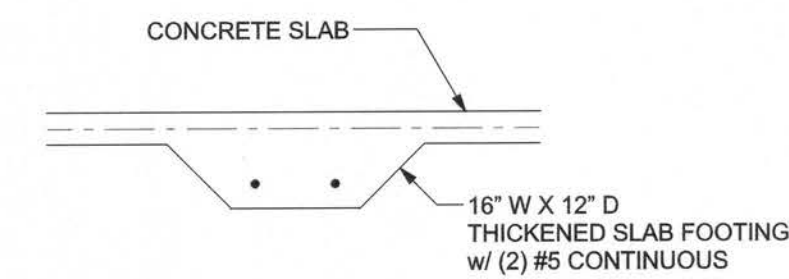
ONE STORY WOOD FRAME w/ STRAPS & ANCHORS



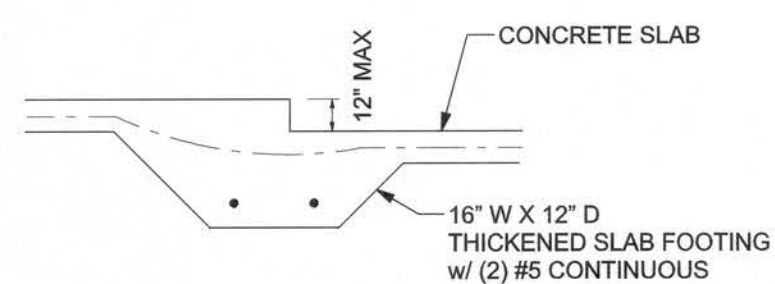
COMPONENT & CLADING DESIGN PRESSURES 130 MPH (EXP C) (Vult)			
EFFECTIVE WIND AREA (FT2)	ZONE 4 INTERIOR		ZONE 5 END 4' FROM ALL OUTSIDE CORNER
0 - 20	+42.6	-46.2	+42.6 -57
GARAGE DOOR DESIGN PRESSURES 130 MPH (EXP C) (ASD)			
9x7 GARAGE DOOR	+22.6	-25.5	
16x7 GARAGE DOOR	+21.7	-24.1	



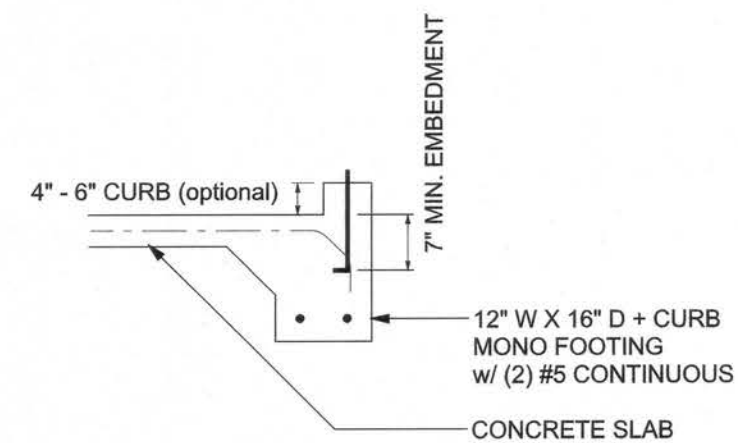
F1 S-2 **OPTIONAL MONOLITHIC FOOTING**
SCALE: 1/2" = 1'-0"



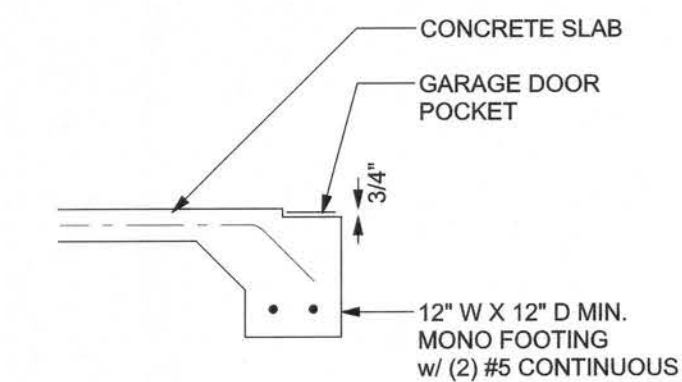
F2 S-2 **INTERIOR BEARING FOOTING**
SCALE: 1/2" = 1'-0"



F3 S-2 **INTERIOR BEARING STEP FOOTING**
SCALE: 1/2" = 1'-0"



F4 S-2 **OPTIONAL MONOLITHIC CURB FOOTING**
SCALE: 1/2" = 1'-0"



F5 S-2 **GARAGE DOOR POCKET FOOTING**
SCALE: 1/2" = 1'-0"

MASONRY NOTE:
MASONRY CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 6/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, UNC
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 A615, Grade 40, F _y = 40 ksi, Lap splices min 40 bar dia. (25" for #5)
2.4F Coating for corrosion protection	Anchors, sheet metal ties completely embedded in mortar or grout, ASTM A525, Class G60, 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 ties 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.

TALL STEM WALL TABLE:

The table assumes 60 ksi reinforcing bars 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 Durowall ladder reinforcement at 16" OC vertically or a horizontal bond beam with 166 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

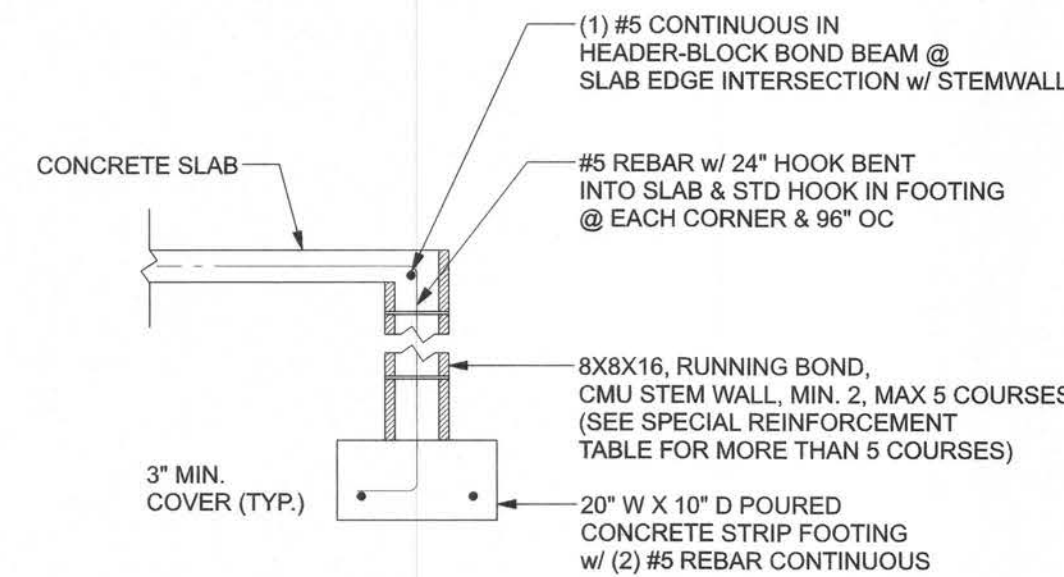
STEM WALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)				VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)			
		#5	#7	#8	#5	#7	#8	#5	#7
3.3	3.0	96	96	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96	96	96
5.3	5.0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

FOUNDATION PLAN

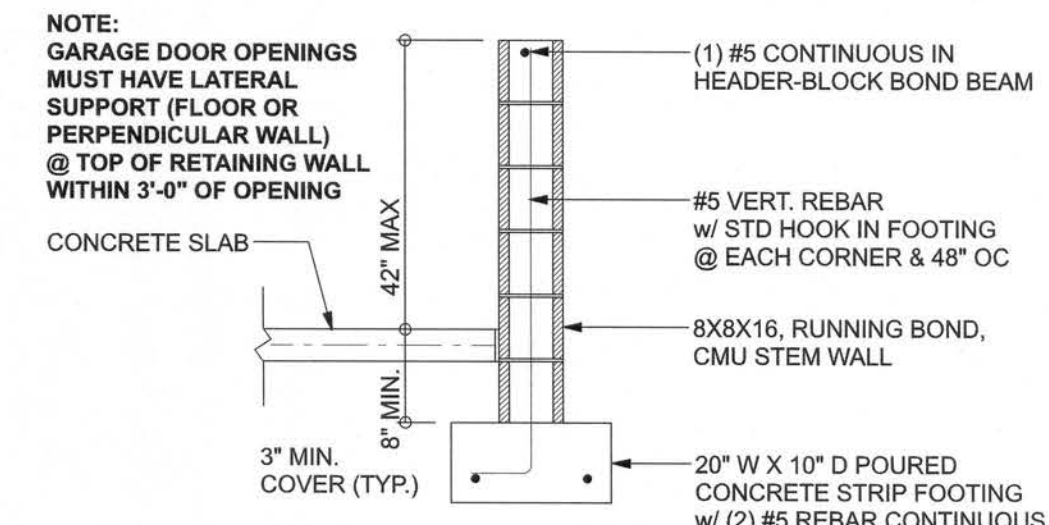
SCALE: 1/4" = 1'-0"

FOUNDATION NOTES

- FN - 1 DIMENSIONS ON FOUNDATION & STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS. RECESSES IN SLAB, STEP DOWNS, ETC. DISOSWAY DESIGN GROUP OR MARK DISOSWAY, P.E. IS NOT RESPONSIBLE FOR DIMENSION ERRORS ON THIS PLAN.
- CONTRACTOR SHALL VERIFY NEED FOR INTERIOR BEARING (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN.
- FN - 2 IN ALL AREAS BY REVIEWING THE ROOF TRUSS PLAN (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN.
- FN - 3 THE SLAB SHALL BE: 4" CONCRETE SLAB REINFORCED W/ 8X8-1 W/ 1" WELDED WIRE MESH PLACED ON CHAIRS @ 1 1/2" DEPTH OR FIBER MESH CONCRETE, 6-MIL. POLY VAPOR BARRIER W/ 6" LAPS SEALED W/ POLY TAPE OVER TERMITES TREATED & COMPACTED FILL.



F1 S-2 **STEM WALL FOOTING**
SCALE: 1/2" = 1'-0"



F4 S-2 **STEM WALL CURB FOOTING**
SCALE: 1/2" = 1'-0"

Aaron Simgue Homes

Karlon Res.

PROJECT ADDRESS:
Lot 28 High Pointe Farms
Columbia County, FL

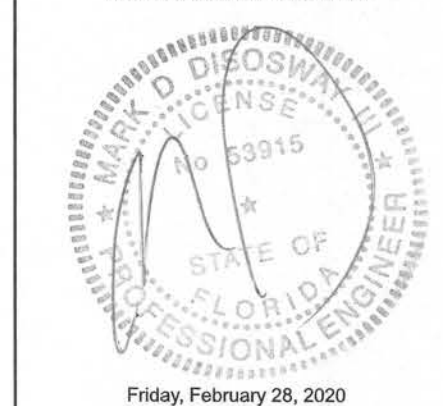
DIMENSIONS:
Stated dimensions supersede scaled dimensions. Refer all questions to Mark Disosway, P.E. for resolution. Do not proceed without clarification.

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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 6th Edition Florida Building Code Residential (2017) to the best of my knowledge.

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

MARK DISOSWAY P.E. 53915



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163 SW Midtown Place
Suite 103
Lake City, Florida 32025
386.754.5419
disoswaydesign@gmail.com

JOB NUMBER:
200109

S-2

OF 3 SHEETS

