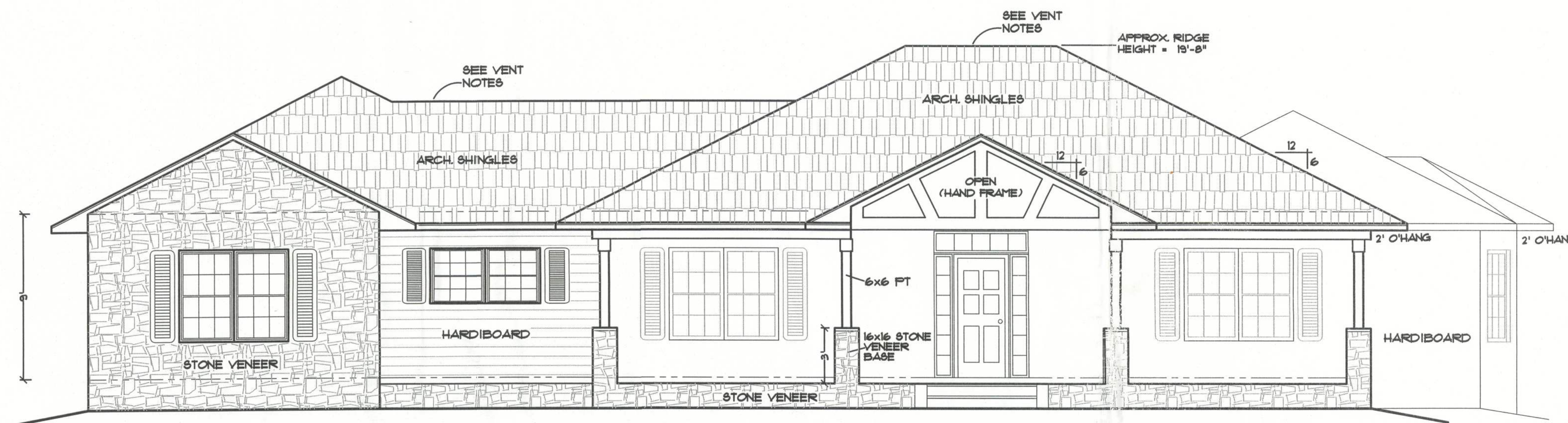
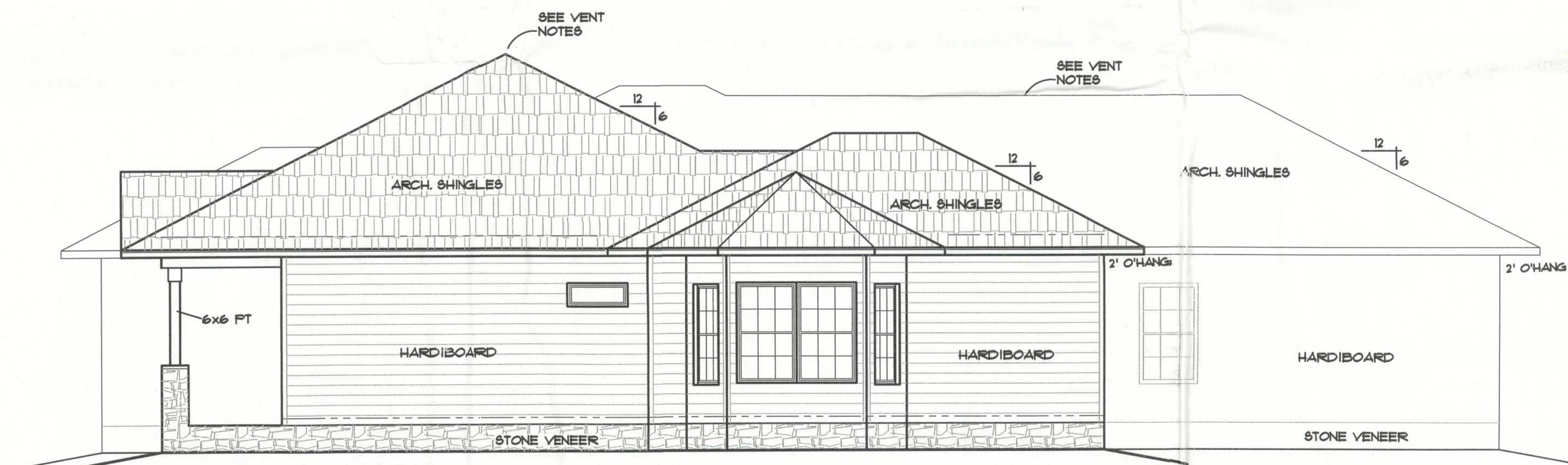
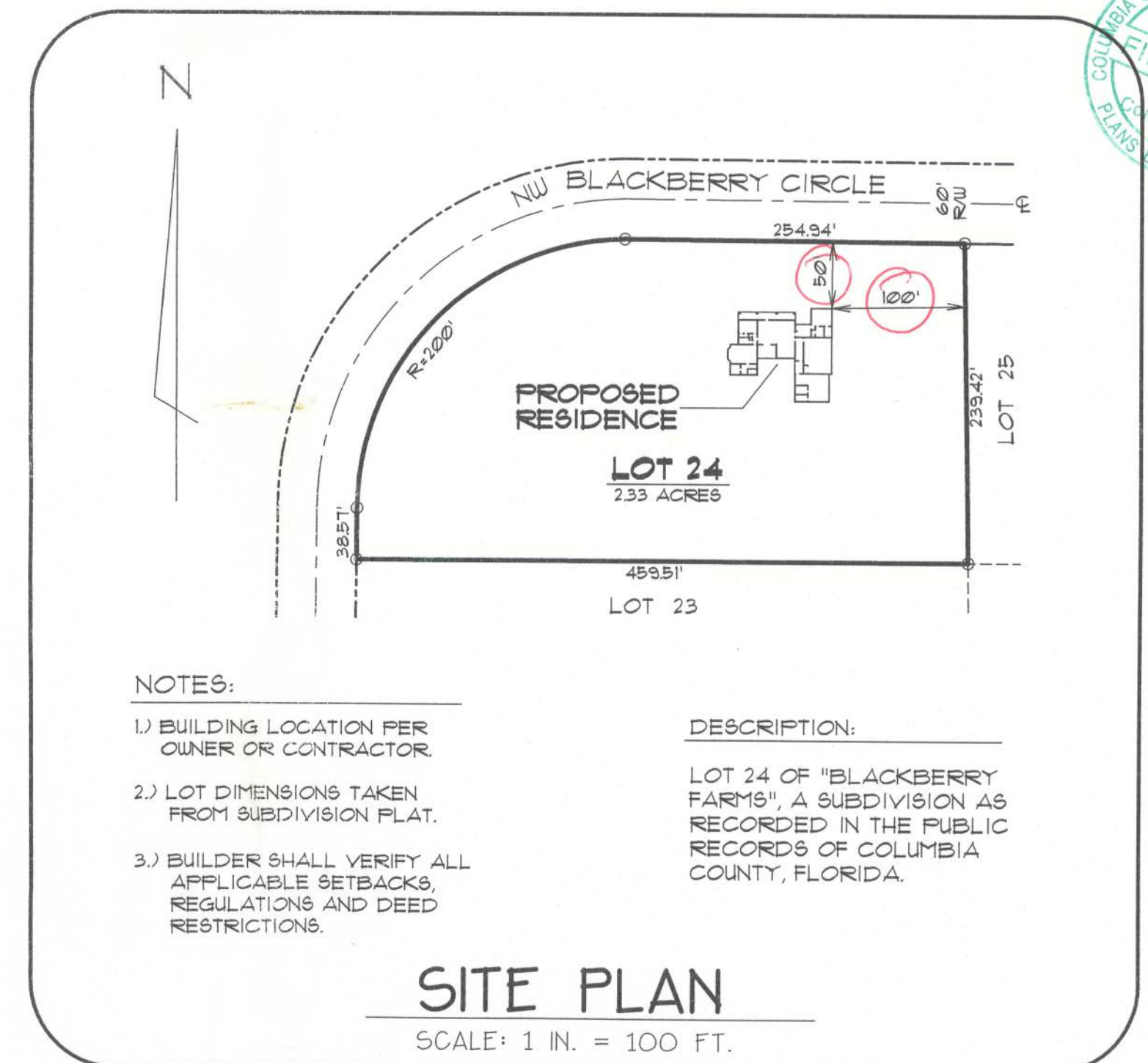


Ward Residence



FRONT ELEVATION

SCALE: 1/4 IN. = 1 FT.



RIGHT ELEVATION

SCALE: 1/4 IN. = 1 FT.

ATTIC VENTILATION

Enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters shall have cross ventilation for each separate space by ventilating openings protected against the entrance of rain. Ventilating openings shall be provided with corrosion-resistant wire mesh, with 1/8 inch (3.2 mm) minimum to 1/4 inch (6.4 mm) maximum openings.

The total net free ventilating area shall not be less than 1 to 150 of the area of the space ventilated except that the total area is permitted to be reduced to 1 to 300, provided at least 50 percent and not more than 80 percent of the required ventilating area is provided by ventilators located in the upper portion of the space to be ventilated at least 3 feet (914 mm) above eave or cornice vents with the balance of the required ventilation provided by eave or cornice vents.

WINDLOAD ENGINEER: Mark Disoway, PE No.53915, POB 868, Lake City, FL 32056, 386-754-5419

CERTIFICATION: These plans and "Windload Engineering", Sheet S-1, attached, comply with Florida Building Code Residential 2010, Section R301.2.1 to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location, permitted within 90 days of signature date. In case of conflict, structural requirements, scope of work, and builder responsibilities on sheet S-1 control.

NW BLACKBERRY CIRCLE
Location: LAKE CITY, FL

Job No.: 121004

A-1

FILE: 12-007	WARD RESIDENCE PREPARED BY: TIM DELBENE Drafting + Technical Services 192 SW Sagewood Gln., Lake City, FL 32024 Phone (386) 755-5891	SHEET: 1 OF 5
DATE: 9-16-12		CAD FILE: 12-007
DRAWN: T A D		REV:
CHECK: T A D		REV:

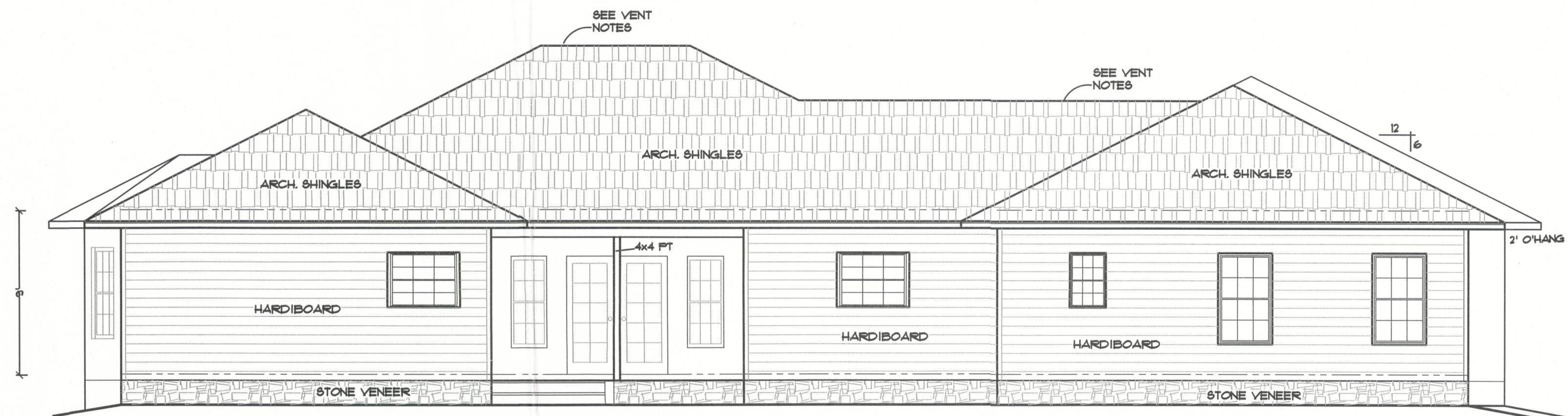
GENERAL NOTES

- 1.) See "Wind Load Detail Sheet S-1" and Wind Engineer's Notes for data pertaining to Wind Design and compliance w/ Florida Building Code.
- 2.) All concrete used to be 2500 PSI strength or greater.
- 3.) HVAC duct and unit size/design is by engineered shop drawings from the AC contractor.
- 4.) Windows to be alum. framed and double glazed. Sizes shown are nominal and may vary with manufacturer.
- 5.) Roof Truss design is the responsibility of the supplier.
- 6.) The Truss Manufacturer shall prepare Shop Drawings indicating Truss placement, Girder locations, Truss-to-Truss Connections and any point loads. The Contractor shall notify the Designer of any point loads in excess of 2.0k for Fnd. Modification.
- 7.) Site analysis or preparation information is not a part of this plan and is the responsibility of the owner.
- 8.) Cabinet and millwork detail is not a part of this plan. The plan is a general design and details shall be the responsibility of the owner and/or contractor.

ATTIC VENTILATION

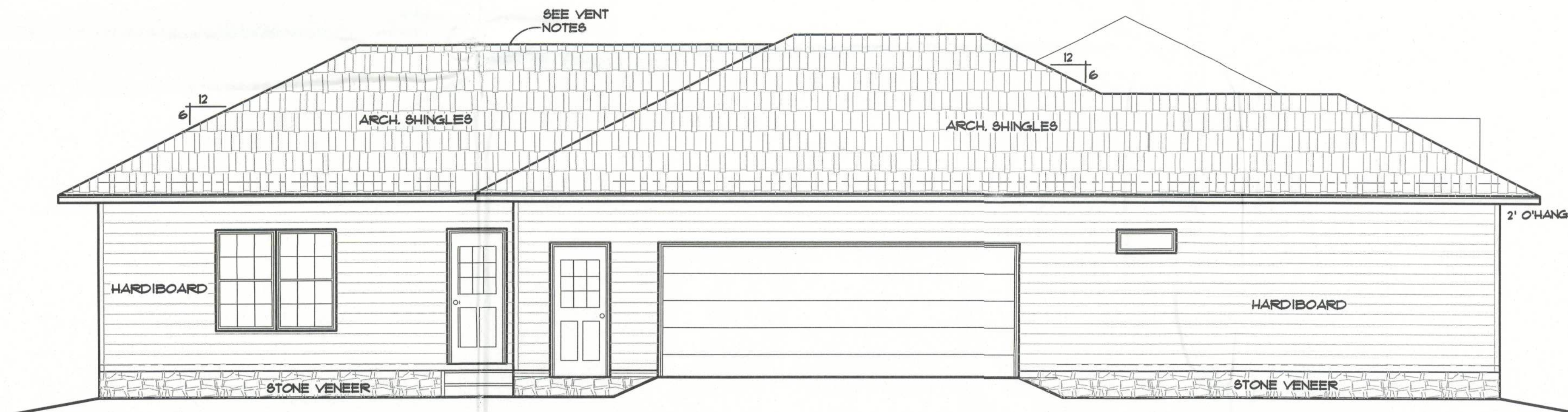
Enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters shall have cross ventilation for each separate space by ventilating openings protected against the entrance of rain. Ventilating openings shall be provided with corrosion-resistant wire mesh, with 1 / 8 inch (3.2 mm) minimum to 1/4 inch (6.4 mm) maximum openings.

The total net free ventilating area shall not be less than 1 to 150 of the area of the space ventilated except that the total area is permitted to be reduced to 1 to 300, provided at least 50 percent and not more than 80 percent of the required ventilating area is provided by ventilators located in the upper portion of the space to be ventilated at least 3 feet (914 mm) above eave or cornice vents with the balance of the required ventilation provided by eave or cornice vents.



REAR ELEVATION

SCALE: 1/4 IN. = 1 FT.



LEFT ELEVATION

SCALE: 1/4 IN. = 1 FT.

WINDLOAD ENGINEER: Mark Disoway, PE No.53915, POB 868, Lake City, FL 32056, 386-754-5419

CERTIFICATION: These plans and "Windload Engineering", Sheet S-1, attached, comply with Florida Building Code Residential 2010, Section R301.2.1 to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location, permitted within 90 days of signature date. In case of conflict, structural requirements, scope of work, and builder responsibilities on sheet S-1 control.

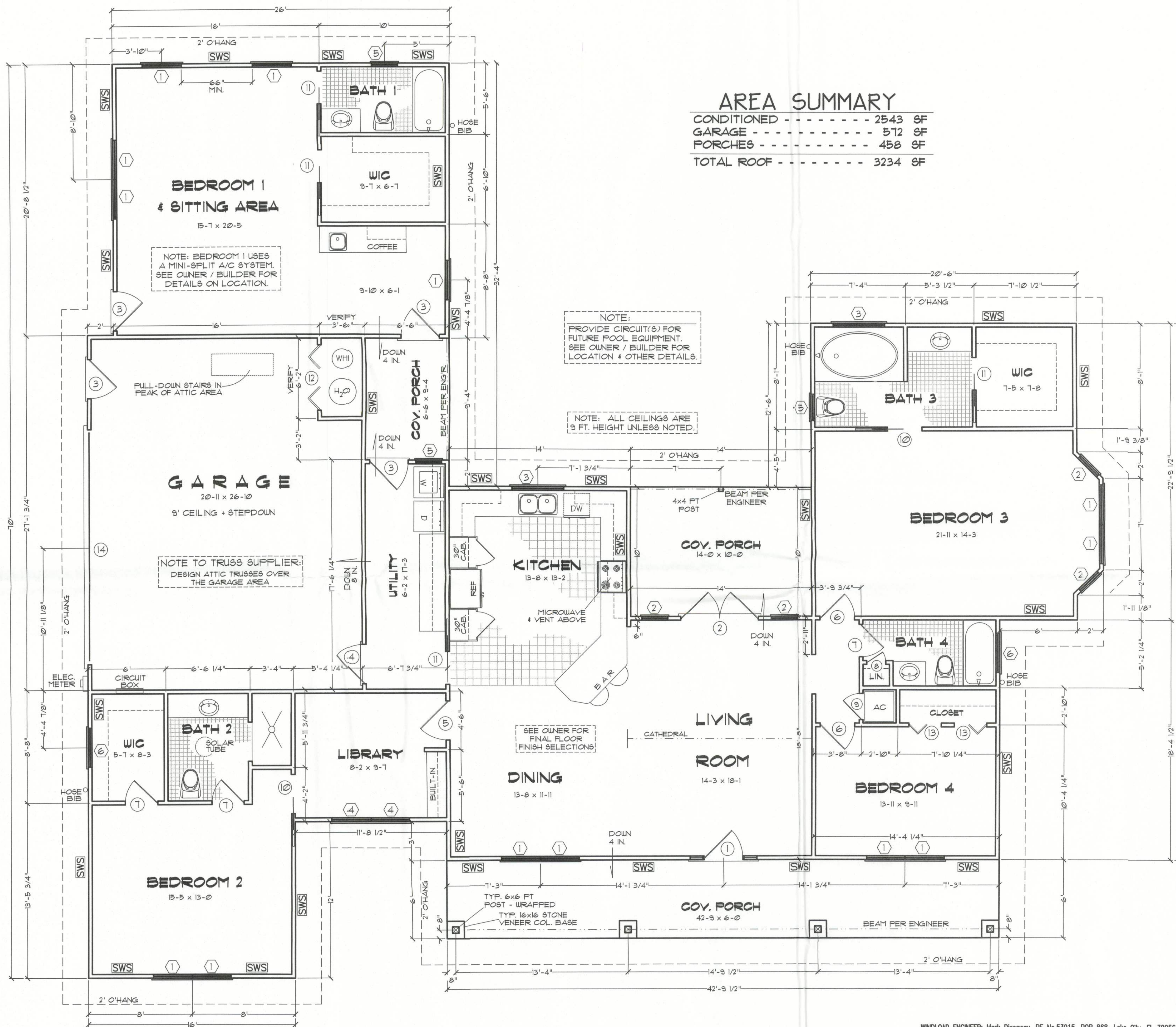
NW BLACKBERRY CIRCLE
Location: LAKE CITY, FL

Job No.: 12100005WAY

A-2

FILE: 12-007	WARD RESIDENCE	SHEET: 2 OF 5
DATE: 9-16-12		CAD FILE: 12-007
DRAWN: T A D		REV:
CHECK: T A D		REV:
PREPARED BY: TIM DELBENE Drafting + Technical Services 192 SW Sagewood Gln. Lake City, FL 32024 Phone (386) 755-5891		





AREA SUMMARY	
CONDITIONED	2543 SF
GARAGE	572 SF
PORCHES	458 SF
TOTAL ROOF	3234 SF

SWS = Indicates a shearwall segment location referring to the labeled section of wall lying between the adjacent window / door openings in either direction. The shearwall areas have a height/width aspect ratio of 3-1/2 : 1 or wider.

DOOR SCHEDULE					SYMBOL (#)
MARK	SIZE	QUAN.	TYPE	REMARKS	
1	3'-0" x 6'-8"	1	STEEL EXTERIOR	W/ SIDELITES & TRANSOM	
2	6'-0" x 6'-8"	1	DBL. FRENCH	SINGLE LITES	
3	3'-0" x 6'-8"	4	STEEL EXTERIOR	9 - LITE	
4	3'-0" x 6'-8"	1	STEEL - 6 PANEL	1/2 HR. FIRE RATED	
5	3'-0" x 6'-8"	1	6 PANEL INTERIOR	----	
6	2'-8" x 6'-8"	2	II	II	
7	2'-6" x 6'-8"	3	II	II	
8	1'-6" x 6'-8"	1	6 PANEL INTERIOR	----	
9	2'-0" x 6'-8"	1	LOUVERED DOOR	A/C CLOSET	
10	2'-8" x 6'-8"	2	POCKET DOOR	6 PANEL	
11	2'-6" x 6'-8"	4	POCKET DOOR	6 PANEL	
12	5'-0" x 6'-8"	1	DBL. BI-FOLD	FLAIR	
13	2'-6" x 6'-8"	2	SGL. BI-FOLD	PANELED	
14	10'-0"	1	OH GARAGE DOOR	----	
15					
16					
17					
18					
19					
1) MANUF. PER OWNER					

WINDOW SCHEDULE					SYMBOL (#)
MARK	SIZE	QUAN.	TYPE	REMARKS	
1	3'-0" x 5'-0"	13	SGL-HUNG / DBL. GLAZE	VINYL FRAME	
2	2'-0" x 5'-0"	4	II	II	
3	4'-0" x 3'-0"	2	II	II	
4	3'-0" x 3'-0"	2	II	II	
5	2'-0" x 3'-0"	3	II	II	
6	3'-0" x 1'-0"	2	FIXED / DBL. GLAZE	SGL. LITE TRANSOM	
7					
8					
9					
10					
11					
1) ALL GLASS IS LOW E 2) MANUF. PER OWNER					

FLOOR PLAN
SCALE: 1/4 IN. = 1 FT.

WINDLOAD ENGINEER: Mark Disoway, PE No.53915, POB 868, Lake City, FL 32056, 386-754-5419

CERTIFICATION: These plans and "Windload Engineering", Sheet S-1, attached, comply with Florida Building Code Residential 2010, Section R301.2.1 to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location, permitted within 90 days of signature date. In case of conflict, structural requirements, scope of work, and builder responsibilities on sheet S-1 control.

NW BLACKBERRY CIRCLE
Location: LAKE CITY, FL Job No.: 120040

A-3

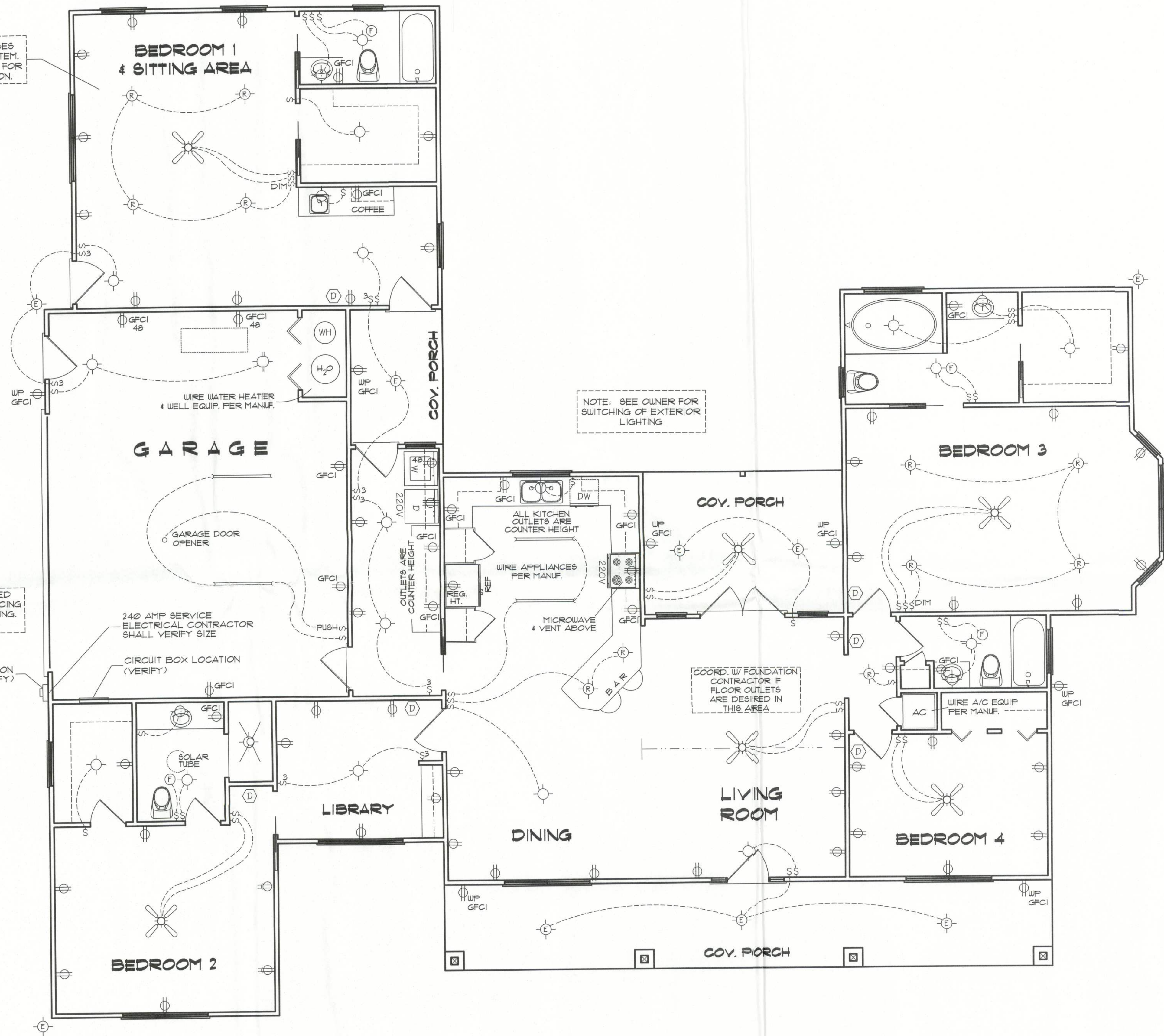
FILE: 12-007	WARD RESIDENCE	SHEET: 3 OF 5
DATE: 9-16-12		CAD FILE: 12-007
DRAWN: T A D	PREPARED BY: TIM DELBENE Drafting + Technical Services 192 SW Sagemore Gln. Lake City, FL 32024 Phone (386) 755-5891	REV:
CHECK: T A D		REV:

NOTE: BEDROOM 1 USES A MINI-SPLIT A/C SYSTEM. SEE OWNER / BUILDER FOR DETAILS ON LOCATION.

ELEC. SYSTEM IS GROUNDED "UFER" STYLE TO REINFORCING ROD IN FOUNDATION FOOTING. (SEE NOTES)

NOTE: SEE OWNER FOR SWITCHING OF EXTERIOR LIGHTING

COORD. W/ FOUNDATION CONTRACTOR IF FLOOR OUTLETS ARE DESIRED IN THIS AREA



ELECTRICAL SYMBOL LEGEND			
	= 48" FLOURESCENT LIGHTING FIXTURE	AFCI	= ARC FAULT CIRCUIT INTERRUPTER
	= STANDARD CEILING LIGHTING FIXTURE OR CHANDELIER	WP	= WEATHER PROOF
	= EXTERIOR LIGHTING FIXTURE - WEATHERPROOF		= 110V DUPLEX OUTLET AFCI, UNLESS NOTED
	= RECESSED (CAN) CEILING LIGHTING FIXTURE		= 110V DUPLEX OUTLET AFCI, UNLESS NOTED (SPECIAL HEIGHT NOTED)
	= SGL. POLE LIGHT SWITCH.		= 110V DUPLEX OUTLET GROUND FAULT CIRCUIT INTERRUPTER TYPE
	= THREE-WAY SWITCH.		= 220 VOLT OUTLET (4 WIRE)
	= FOUR-WAY SWITCH.		= FAN LOCATION (CEILING)
	= DIMMER SWITCH		= FAN LOCATION (EXHAUST)
	= SMOKE & CARBON MONOXIDE DETECTOR (SEE NOTES)		

ELECTRICAL PLAN NOTES

- ALL INSTALLATIONS ARE PER NAT'L. ELECTRIC CODE (NEC) 2008.
- ALL RECEPTACLES, UNLESS NOTED OTHERWISE, SHALL BE ARC FAULT CIRCUIT INTERRUPTER (AFCI) TYPE. ALSO, RECEPTACLES, UNLESS NOTED, SHALL BE TAMPER RESISTANT.
- GROUNDING OF ELECTRICAL SYSTEM SHALL BE BY "UFER" STYLE GROUNDING METHOD TO REINFORCING ROD IN CONCRETE FOUNDATION FOOTING (NEC 250.32 - GROUNDING ELECTRODES).
- WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
- ELECTRICAL CONT'R SHALL BE RESPONSIBLE FOR THE DESIGN & SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- ENTRY OF SERVICE (UNDERGROUND OR OVERHEAD) TO BE DETERMINED BY POWER COMPANY.
- TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION 2008.
- CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
- LOW VOLTAGE ITEMS (TELEPHONE, CATV, DATA CABLING) IS SHOWN, IF REQUESTED BY OWNER / BUILDER. CONSULT OWNER FOR REQUIREMENTS IF NOT SHOWN ON ELECTRICAL PLAN.
- ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS. THEY SHALL ALSO PROVIDE CARBON MONOXIDE DETECTION.

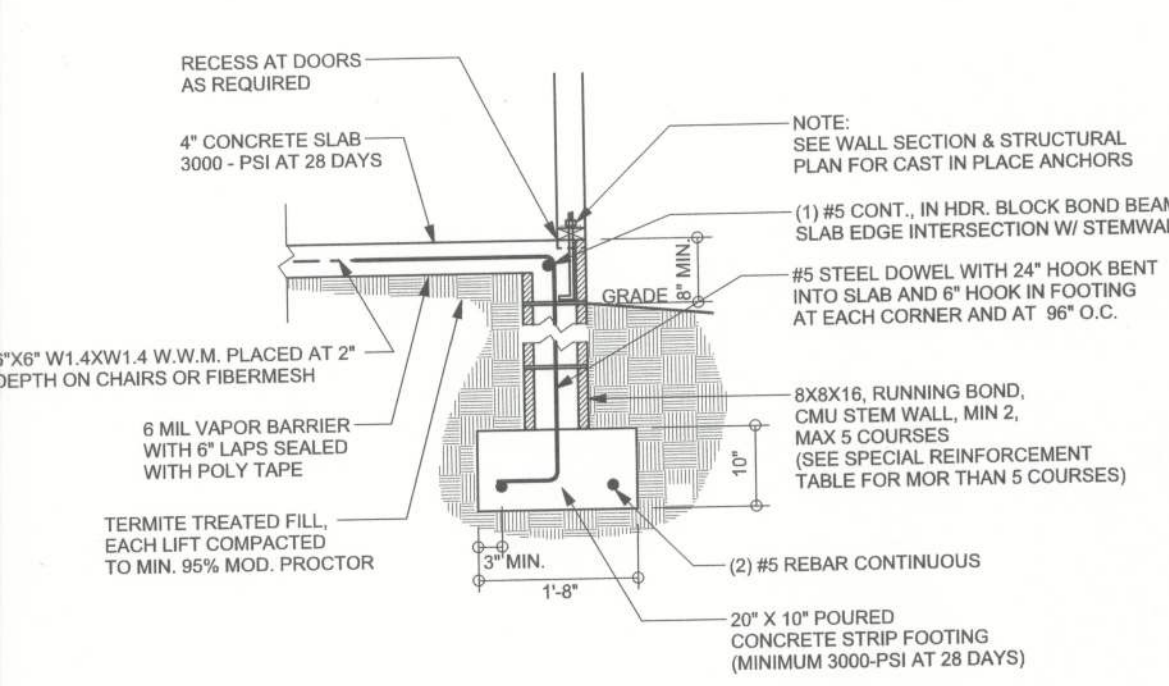
ELECTRICAL PLAN
NOT TO SCALE

A-5

FILE: 12-007	WARD RESIDENCE	SHEET: 5 OF 5
DATE: 9-16-12		CAD FILE: 12-007
DRAWN: T A D	PREPARED BY: TIM DELBENE Drafting + Technical Services	REV:
CHECK: T A D	192 SW Sagewood Gln. Lake City, FL 32024 Phone (386) 755-5891	REV:

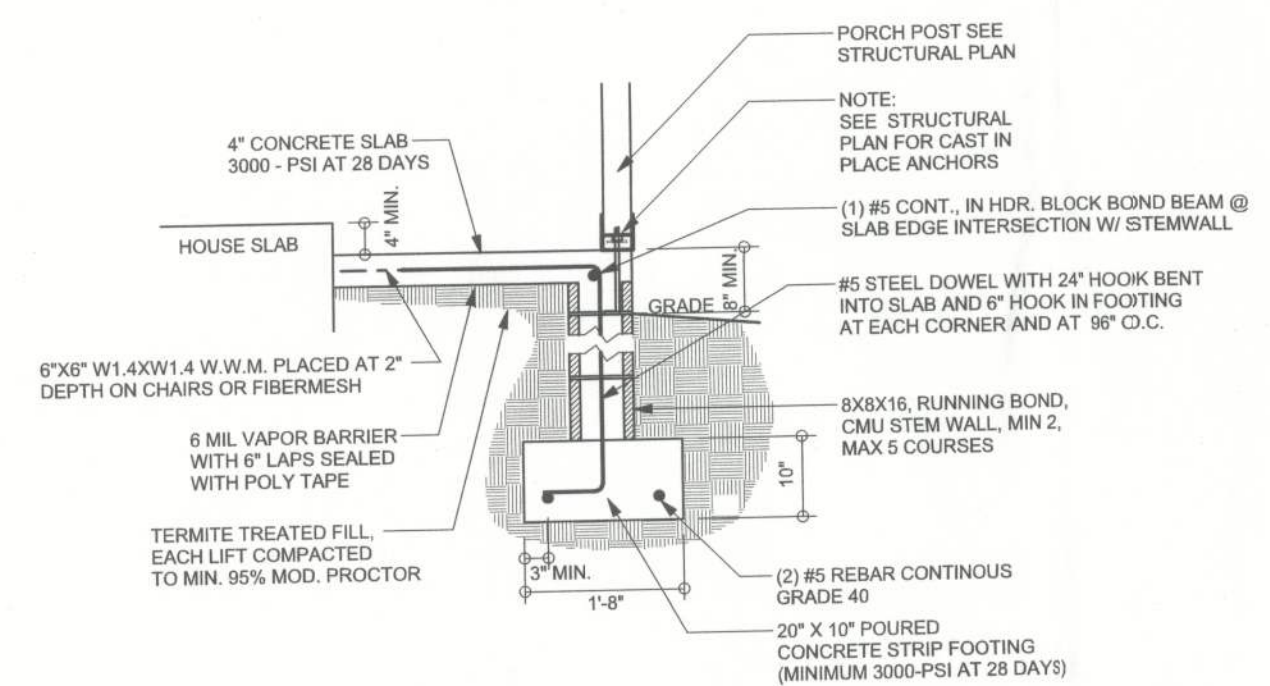
REVISIONS	

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

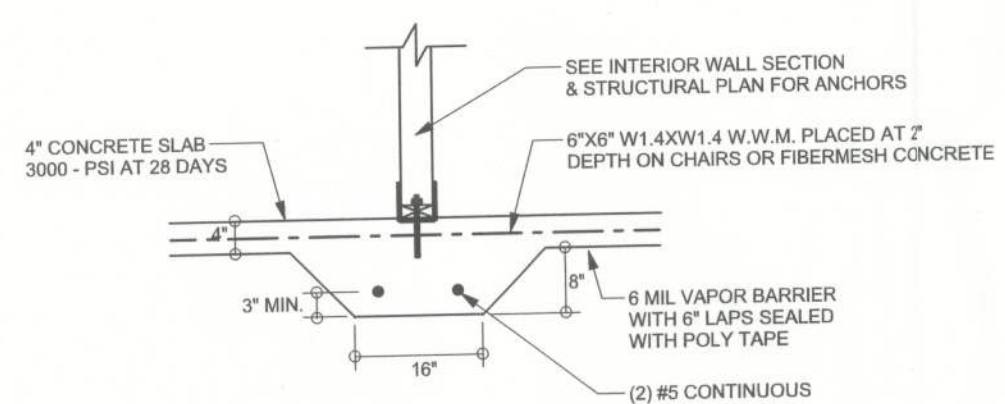


TALL STEM WALL TABLE							
The table assumes 60 ksi reinforcing bars with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add Duowall ladder reinforcement at 16" O.C. vertically or a horizontal bond beam with 165 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
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

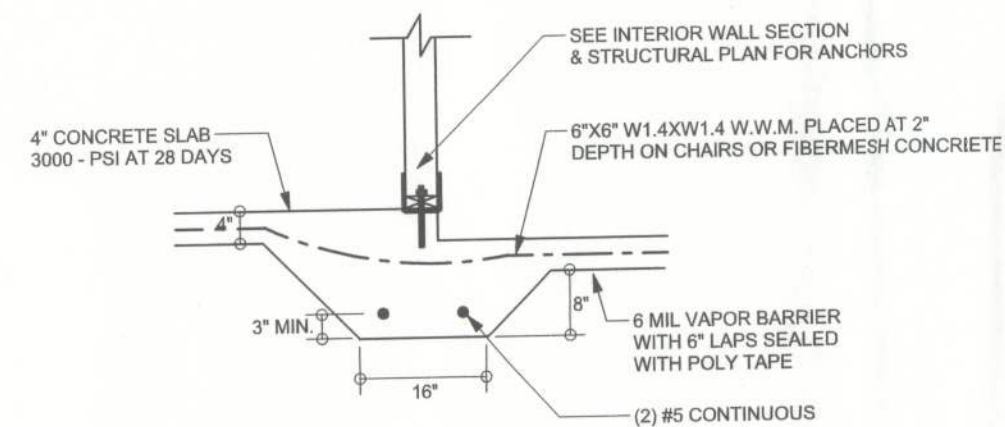
F9
S-2
STEM WALL FOOTING
SCALE: 1/2" = 1'-0"



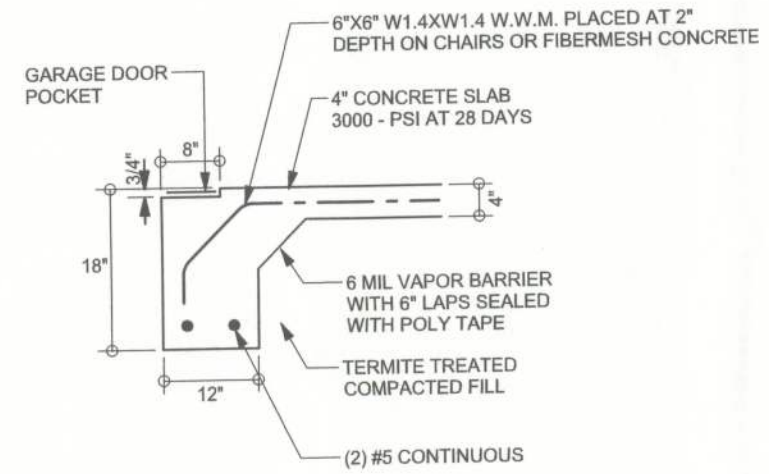
F12
S-2
STEM WALL PORCH FOOTING
SCALE: 1/2" = 1'-0"



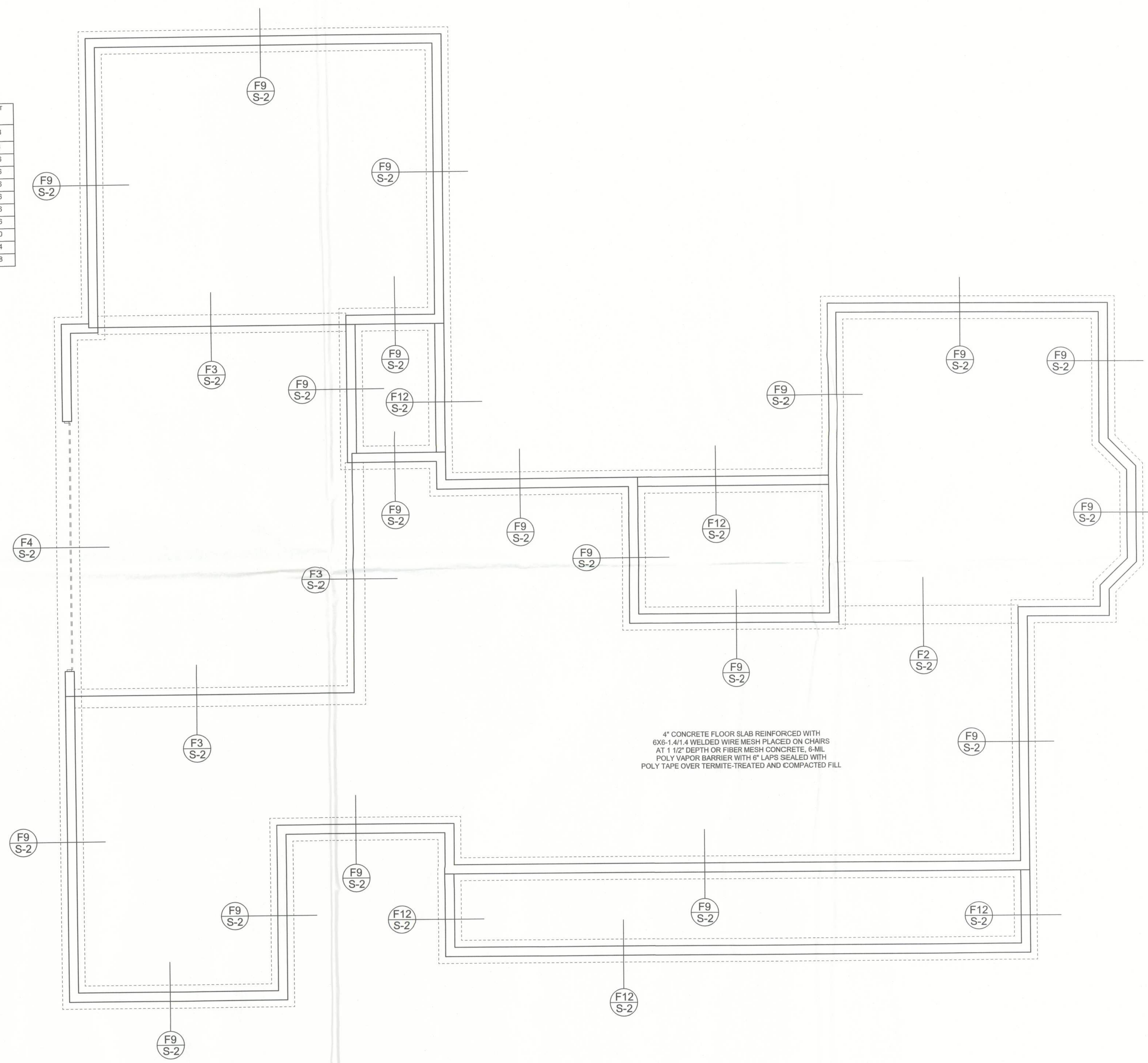
F2
S-2
INTERIOR BEARING FOOTING
SCALE: 1/2" = 1'-0"



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



F4
S-2
GARAGE DOOR FOOTING
SCALE: 1/2" = 1'-0"



FOUNDATION PLAN
SCALE: 1/4" = 1'-0"
DIMENSIONS ON STRUCTURAL SHEETS
ARE NOT EXACT. REFER TO ARCHITECTURAL
FLOOR PLAN FOR ACTUAL DIMENSIONS

WINDLOAD ENGINEER: Mark Disosway,
PE No. 53915, POB 868, Lake City, FL
32056, 386-754-5419

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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form or manner without first the express written
permission and consent of Mark Disosway.

CERTIFICATION: I hereby certify that I have
examined this plan, and that the applicable
portions of the plan, relating to wind engineering
comply with section R301.2.1, 2010 Florida
Building Code Residential
to the best of my knowledge.

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

Professional Engineer
Mark Disosway
No. 53915
October 25, 2012

Blake Construction

Ward Residence

ADDRESS:
NW Blackberry Circle
Lake City, Florida

Mark Disosway P.E.
P.O. Box 868
Lake City, Florida 32056
Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
October 25, 2012

DRAWN BY: STRUCTURAL BY:
David Disosway

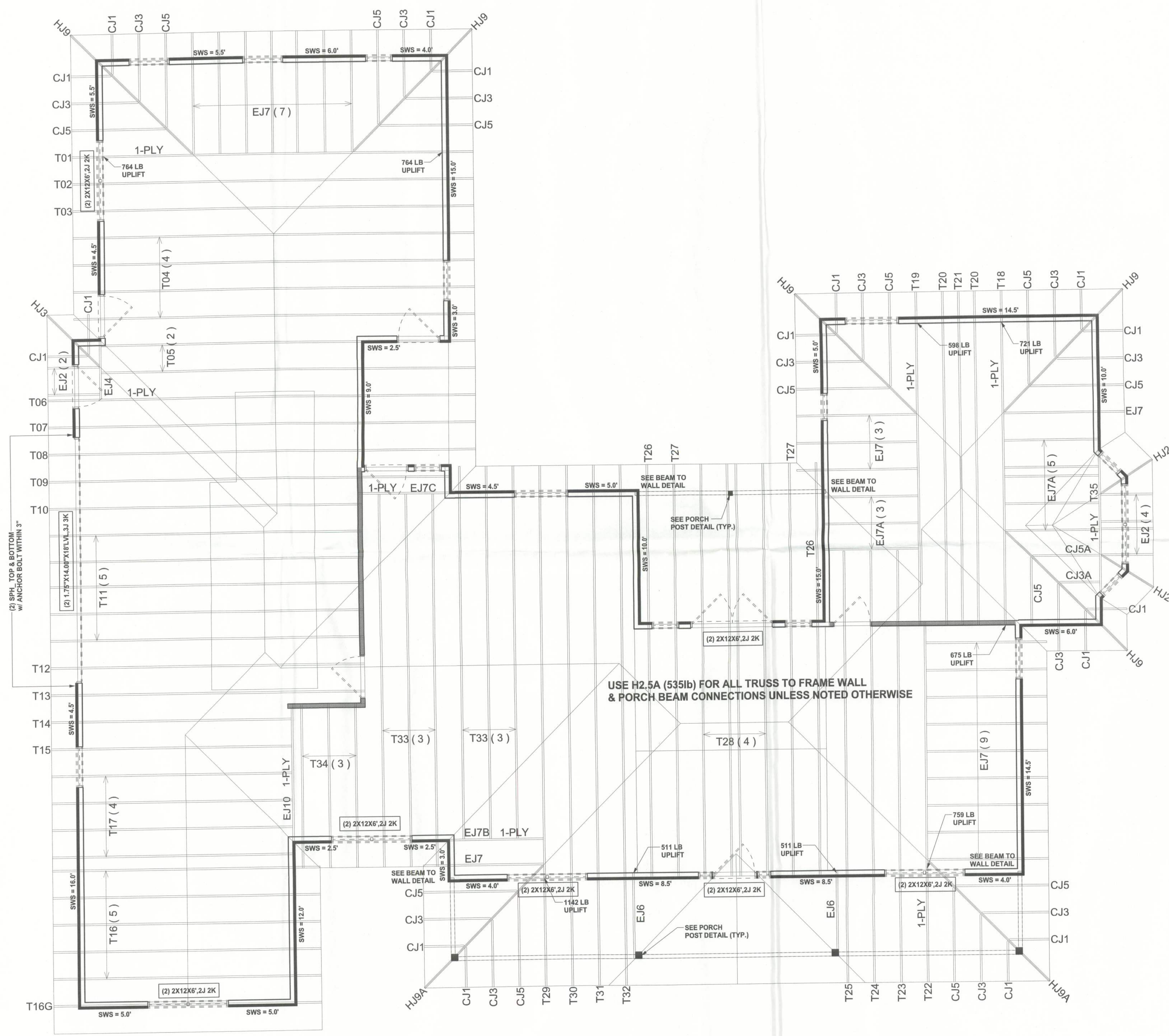
FINALS DATE:
24Oct12

JOB NUMBER:
1210040

DRAWING NUMBER
S-2
OF 3 SHEETS

REVISIONS	

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



(2) SPH. TOP & BOTTOM
W/ ANCHOR BOLT WITHIN 3"

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

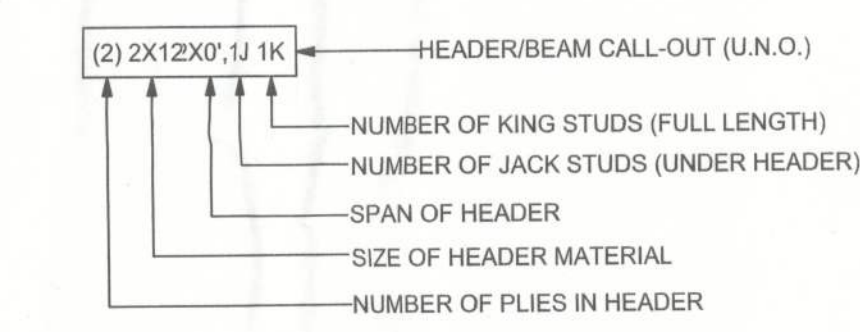
STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X12 SYP #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 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-4 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. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

WALL LEGEND

	EXTERIOR WALL
	INTERIOR NON-LOAD BEARING WALL
	INTERIOR LOAD BEARING WALL w/ NO UPLIFT
	INTERIOR LOAD BEARING WALL w/ UPLIFT

HEADER LEGEND



TOTAL SHEAR WALL SEGMENTS

INDICATES SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	46.8'	137.0'
LONGITUDINAL	53.2'	88.0'

WINDLOAD ENGINEER: Mark Disosway, P.E. No. 53915, POB 868, Lake City, FL 32056, 386-754-5419

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 section F301.2.1, 2010 Florida Building Code Residential to the best of my knowledge.

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

MARK DISOSWAY
P.E. No. 53915
FLORIDA
OCTOBER 23, 2012

Blake Construction

Ward Residence

ADDRESS:
NW Blackberry Circle
Lake City, Florida

Mark Disosway P.E.
P.O. Box 868
Lake City, Florida 32056
Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
October 25, 2012

DRAWN BY: STRUCTURAL BY:
David Disosway

FINALS DATE:
24Oct12

JOB NUMBER:
1210040

DRAWING NUMBER
S-3
OF 3 SHEETS

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. BUILDERS FIRST SOURCE JOB #442838