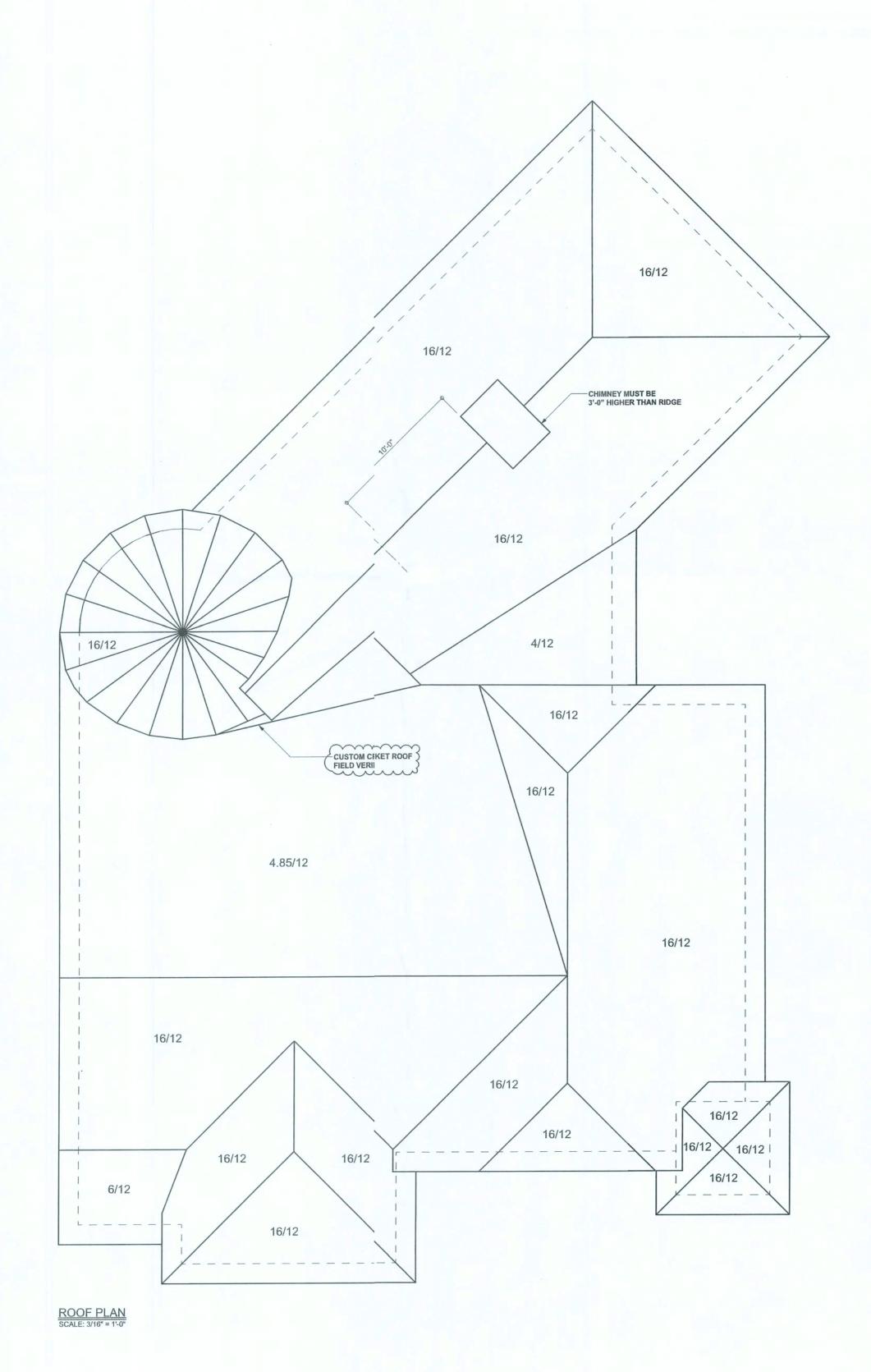
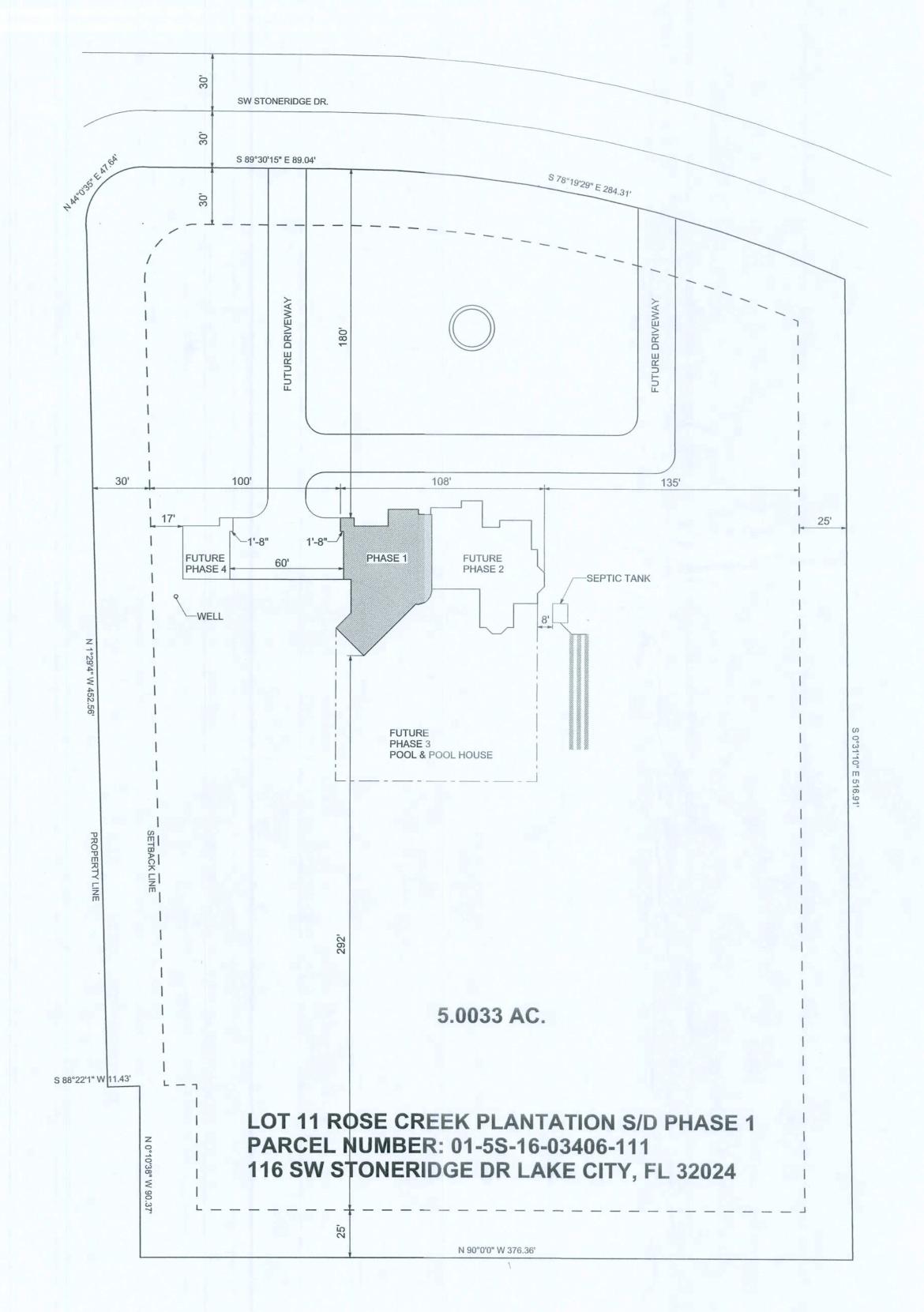
DAVID & SARALI DISOSIVAY RESIDENCE





SITE PLAN SCALE: 1" = 40'-0"



P.O. Box868 Lake City, Floida 32056 P: (386) 754- 5419 F: (386) 269- 4871 www.disoswaydesign.com

BUILDER

Wind Anchor, Inc.

PROJECT

David & Sarah Disosway Residence Permit #0910-05

PROJECT LCCATION: Lot 11 Rose Creek S/D Columbia County, Florida

DIMENSIOIS:
Stated dimensions superced scaled dimensions.
Refer all questions to Max Disosway, P.E.
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CERTIFICATON:

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LIMITATICN:
This design is valid foone building,
at specified loation.



DOCUMENT CONTROL

REVISIONS

7Oct09 updated the plan per loe Haltiwanger plan review

PRINTED DATE: October 07,2009

FINALS DATE

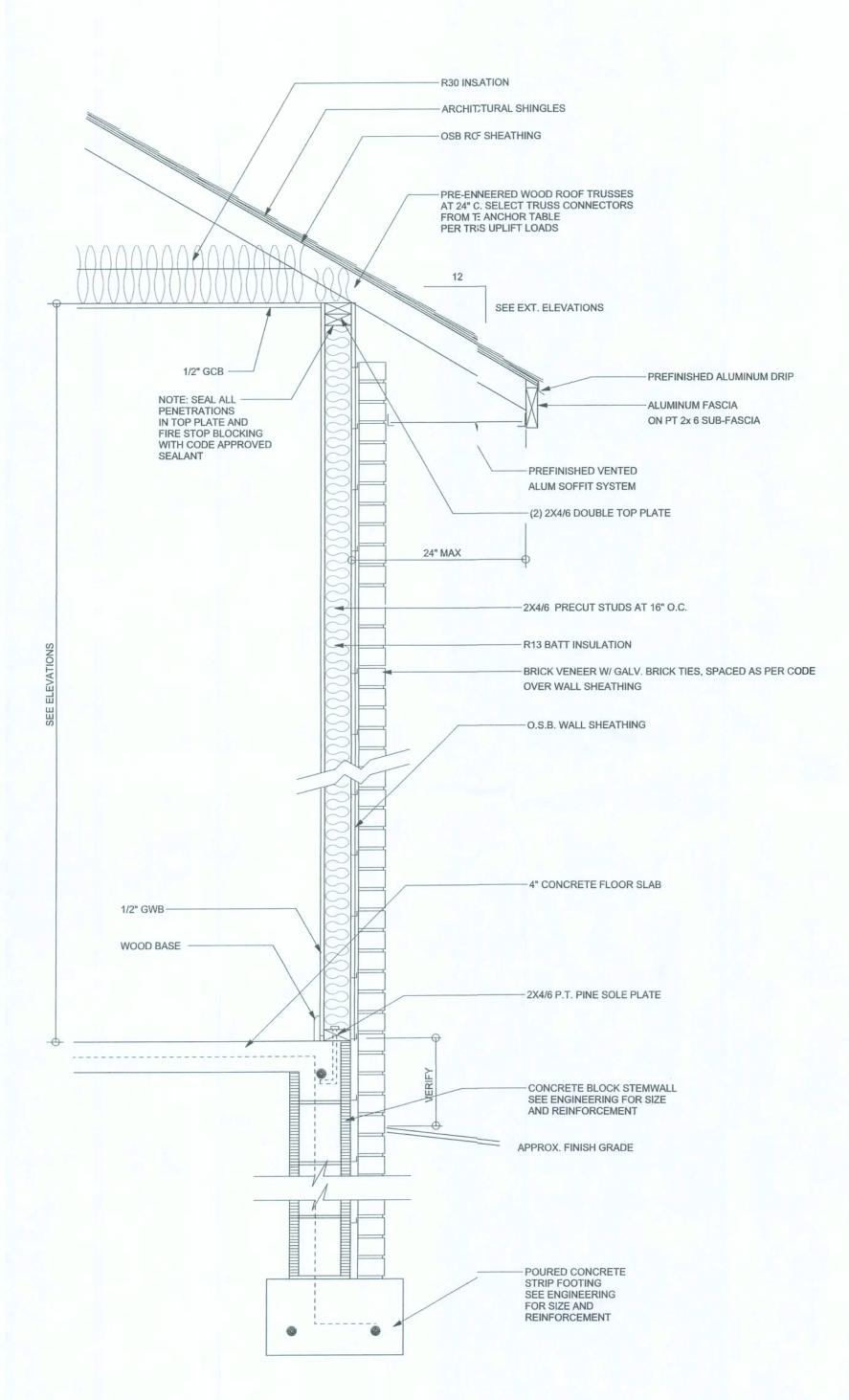
29Sep0

DRAWN IY: David Disosway

JOB NUMER: 905127

SHEET

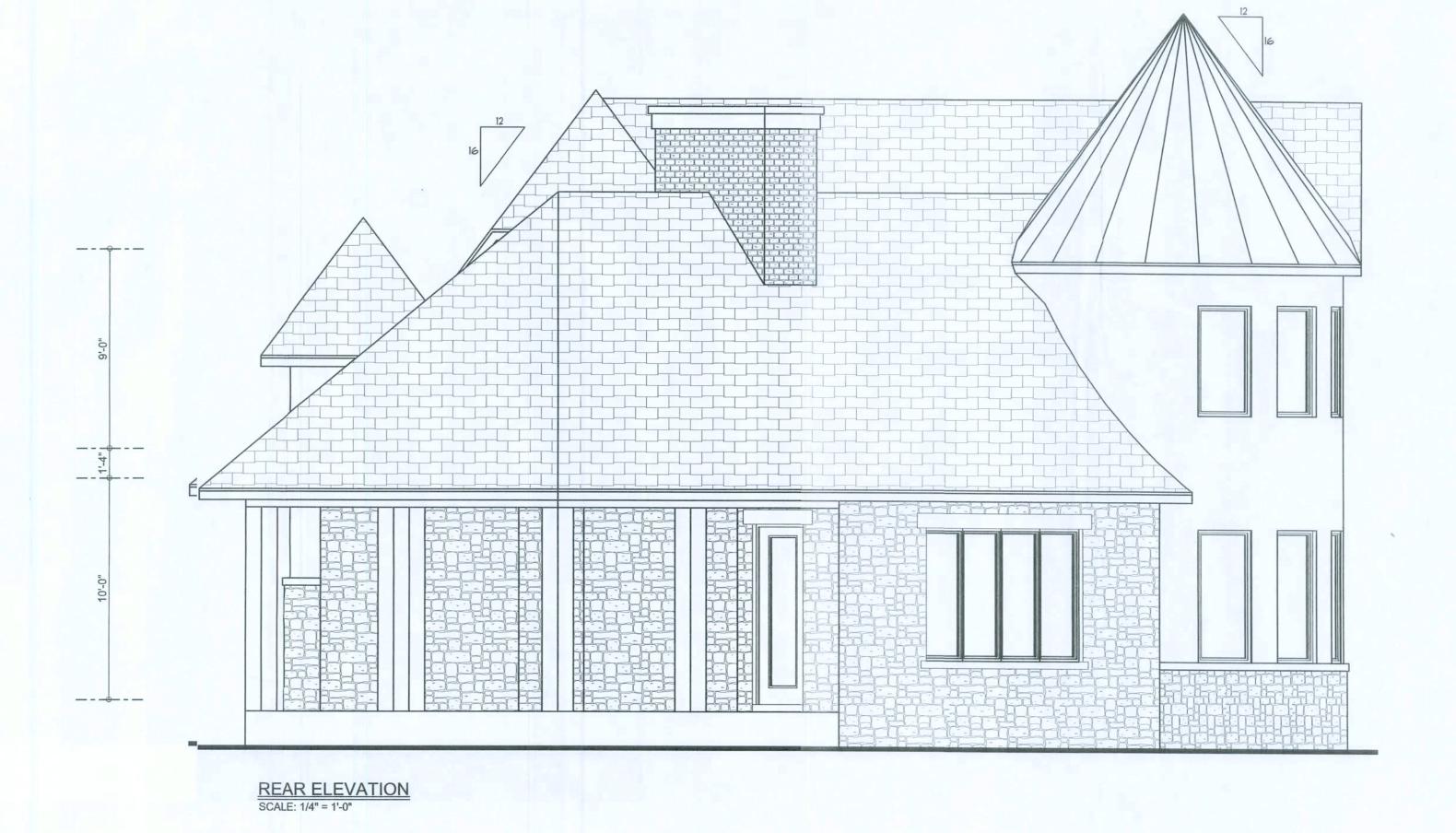
U



TYPICAL DESIGN WALL SECTON NON - STRUCTURAL DATA



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





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BUILDER

Wind Anchor, Inc.

PROJECT

David & Sarah Disosway Residence

PROJECT LOCATION: Lot 11 Rose Creek S/D Columbia County, Florida

DIMENSIONS:
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LIMIT/TION: This design is valil for one building, at specifiel location.



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REVISIONS

PRINTE! DATE: October 12, 2009

FINALSDATE: 29S@09

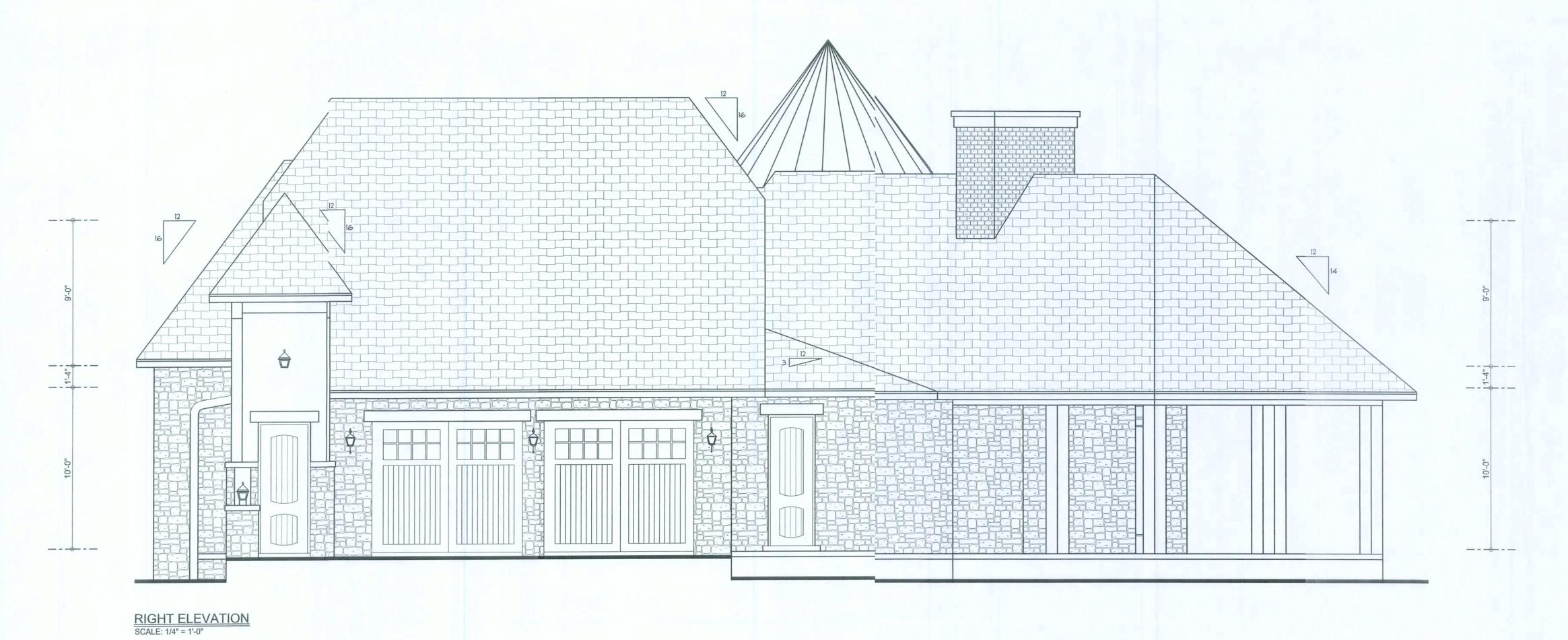
DRAWN BY:

David Dsosway

JOB NUMBER: 905127

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BUILDER

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PROJECT

David & Sarah Disosway Residence

PROJECT LCCATION: Lot 11 Rose ¢reek S/D Columbia County, Florida

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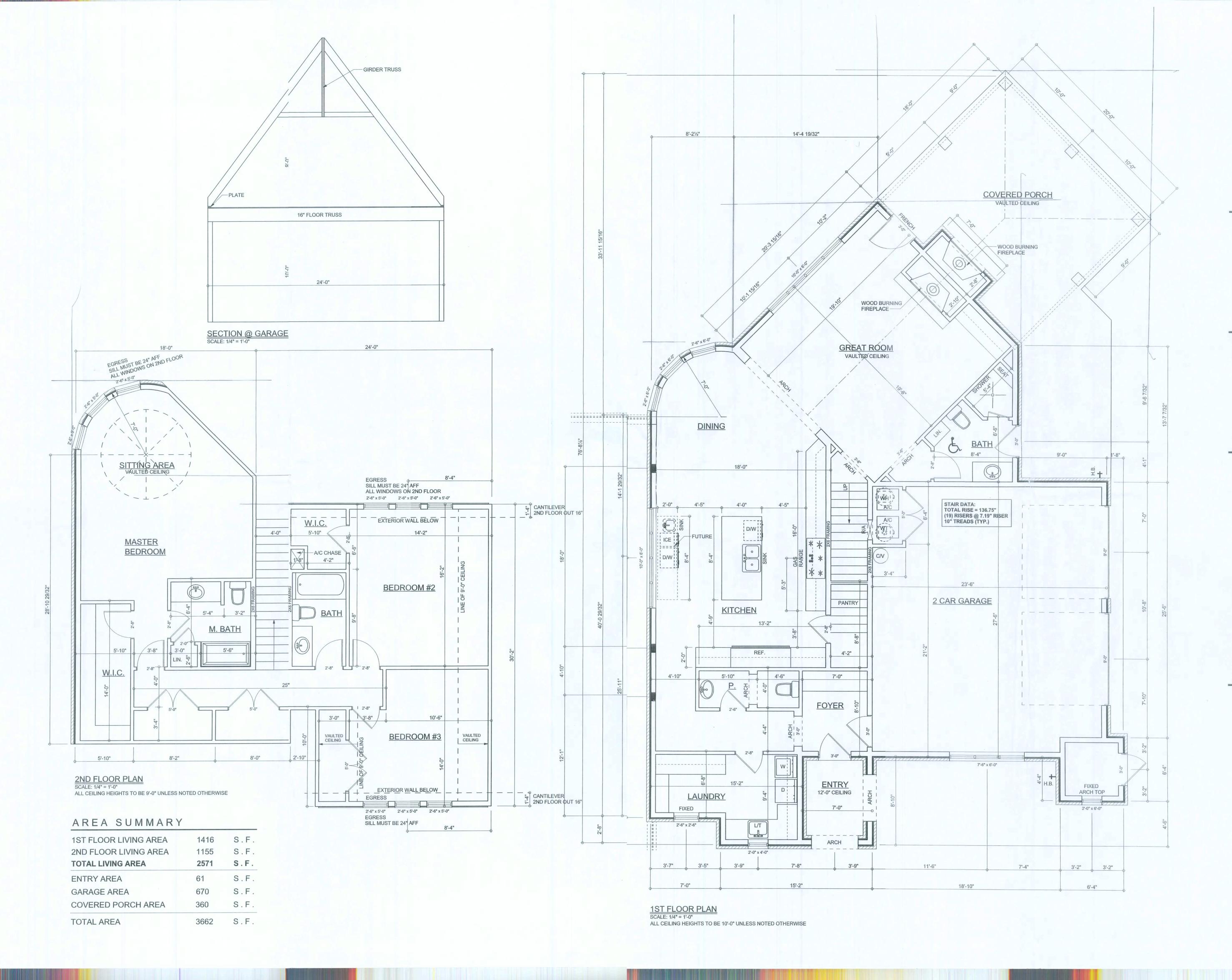
FINALS D/TE: 29Sep0)

> DRAWN 3Y: David Diso:way

JOB NUMIER: **905127**

SHEET

2





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Lake City, Florida 32056
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F: (386) 269 - 4871
www.disoswaydesign.com

BUILDER

Wind Anchor, Inc.

PROJEC*

David & Sarah Disosway Residence Permit #0910-05

PROJECT LOCATION: Lot 11 Rose Creek S/D Columbia County, Florida

DIMENSIONS:
Stated dimensions supercede scéed dimensions.
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CERTIFICATION
I hereby certify that I have examned this plan, and that the applicable portion of the plan, relating to wind engineering comily with section R301.2.1, florida building code reidential 2007, to the best of my knowledge.

LIMITATION: This design is valid for onebuilding, at specified locatio.



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REVISIONS

7Oct09 updated the plan per Joe laltiwanger plan review

> PRINTED DATE: October 07, 200

FINALS DATE

29Sep09

DRAWN BY: David Disoswa

JOB NUMBER 905127

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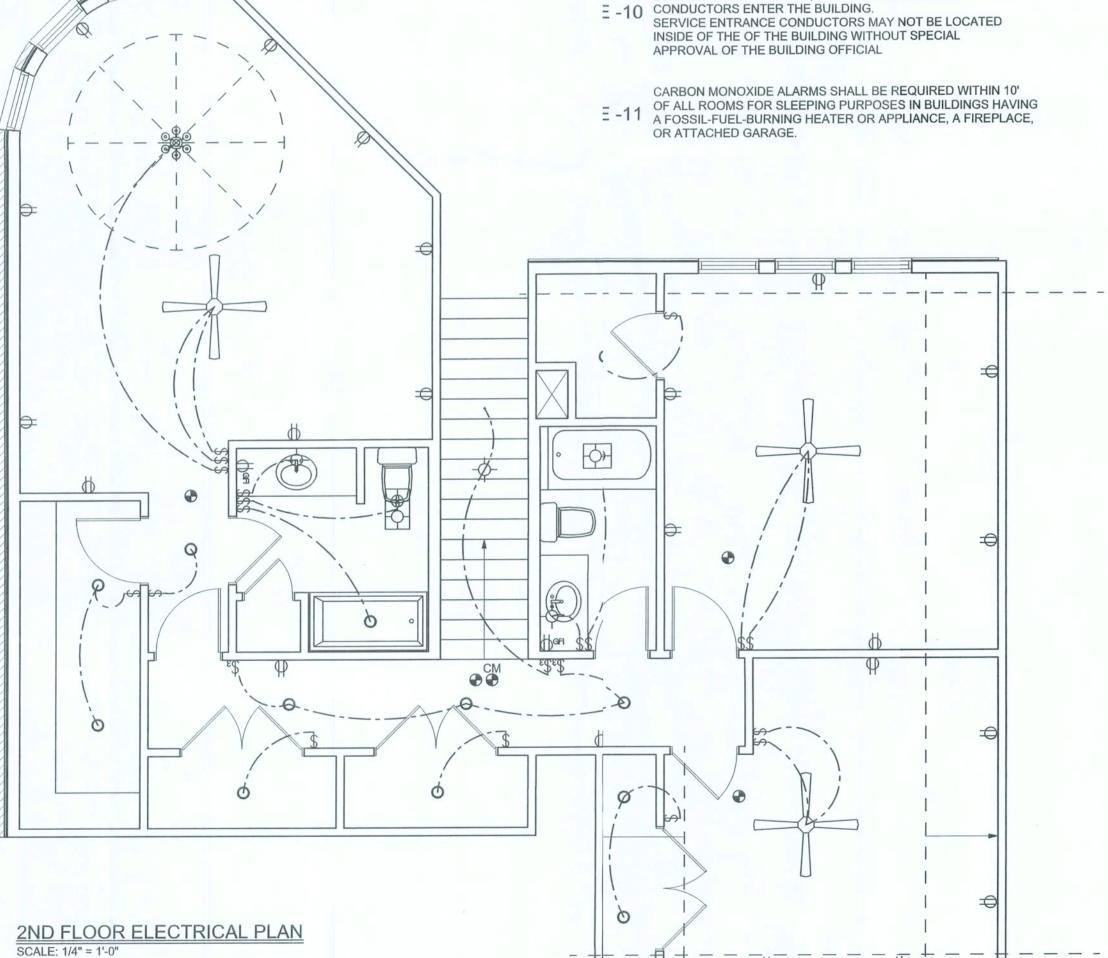
3



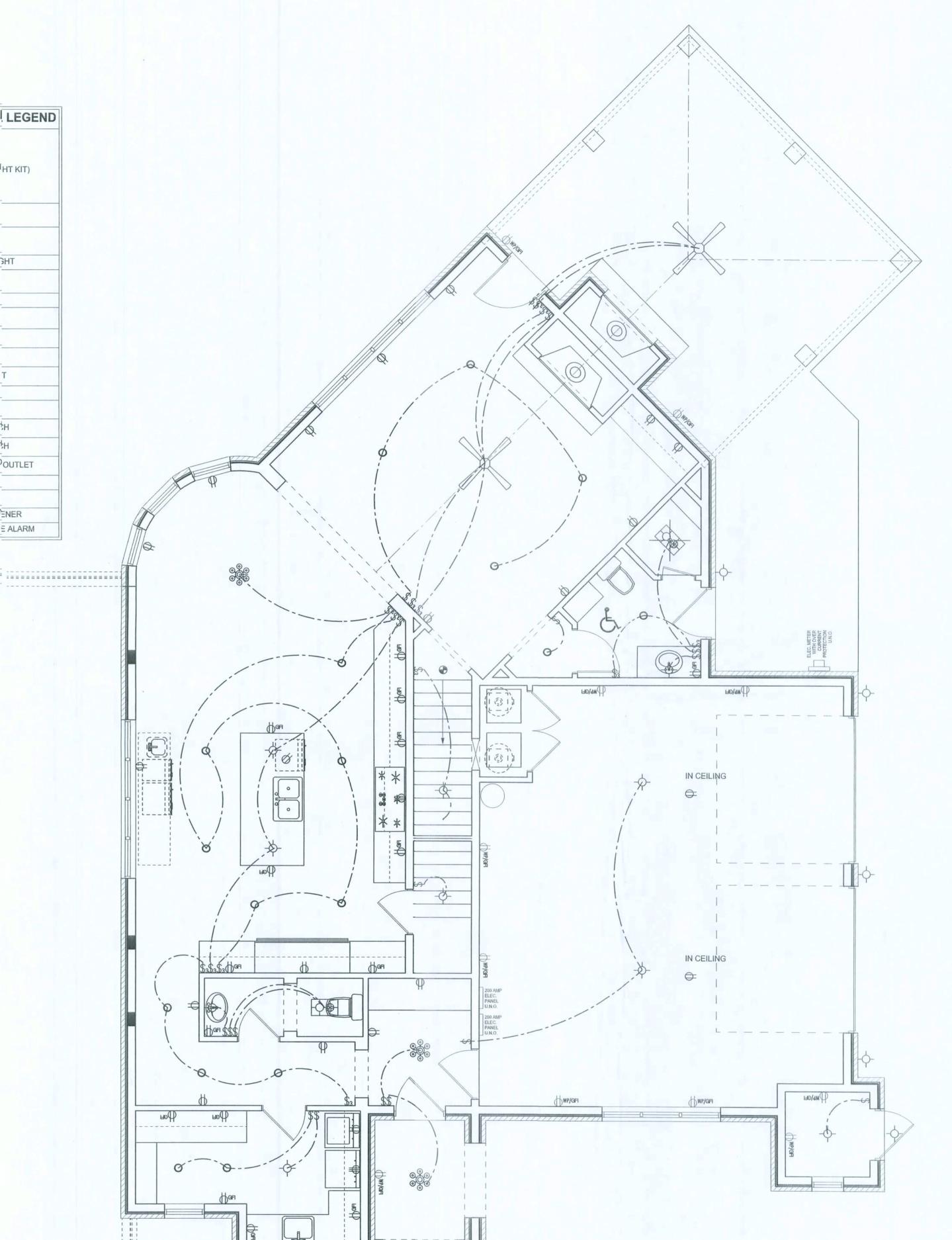
- E -1 WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
- E -2 CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
- E -3 ALL INSTALLATIONS SHALL BE PER NAT'L. ELECTRIC CODE.
- E -4 ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
- E -5

 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.
- E -6 ELECTRICAL CONT'R SHALL BE RESPONSIBLE FOR THE DESIGN & SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- E -7 ENTRY OF SERVICE (UNDERGROUND OR OVERHEAD)
 TO BE DETERMINED BY POWER COMPANY.
- ALL 120-VOLT, SINGLE-PHASE, 15- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, E -8 SUN ROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION-TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT.
- E -9 ALL OUTLETS TO BE LOCATED ABOVE BASE FLOOD ELEVATION

A SERVICE DISCONNECT WITH OVER CURRENT PROTECTION SHALL BE INSTALLED OUTSIDE OF THE BUILDING, ON THE LOAD SIDE OF THE METER, AT THE PLACE ELECTRIC CONDUCTORS ENTER THE BUILDING.



0	ELECTRICAL LEGE
	CEILING FAN (PRE-WIRE FOR LIGH _{HT KIT)}
QP	DOUBLE SECURITY LIGHT
	2X4 FLUORESCENT LIGHT FIXTURE
0	RECESSED CAN LIGHT
- →	BATH EXAUST FAN WITH LIGHT
₩	BATH EXAUST FAN
- 	LIGHT FIXTURE
Ф	DUPLEX OUTLET
Ф	220v OUTLET
Фан	GFI DUPLEX OUTLET T
•	SMOKE DETECTOR
\$	WALL SWITCH
\$3	3 WAY WALL SWITCH,
\$4	4 WAY WALL SWITCH,H
₩P/GFI	WATER PROOF GFI OOUTLET
∇	PHONE JACK
0	TELEVISION JACK
P	GARAGE DOOR OPENER
• СМ	CARBON MONOXIDE = ALARM



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



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BUILDER

Wind Anchor, Inc.

PROJECT

David & Sarah Disosway Residence Permit #0910-05

PROJECT LOCATION: Lot 11 Rose Creek S/D Columbia County, Florida

Stated dimensions supercede seled dimensions. Refer all questions to Mark Esosway, P.E. for resolution. Do not proceed whout clarification.

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REVISIONS

7Oct09 updated the plan per JoeHaltiwanger

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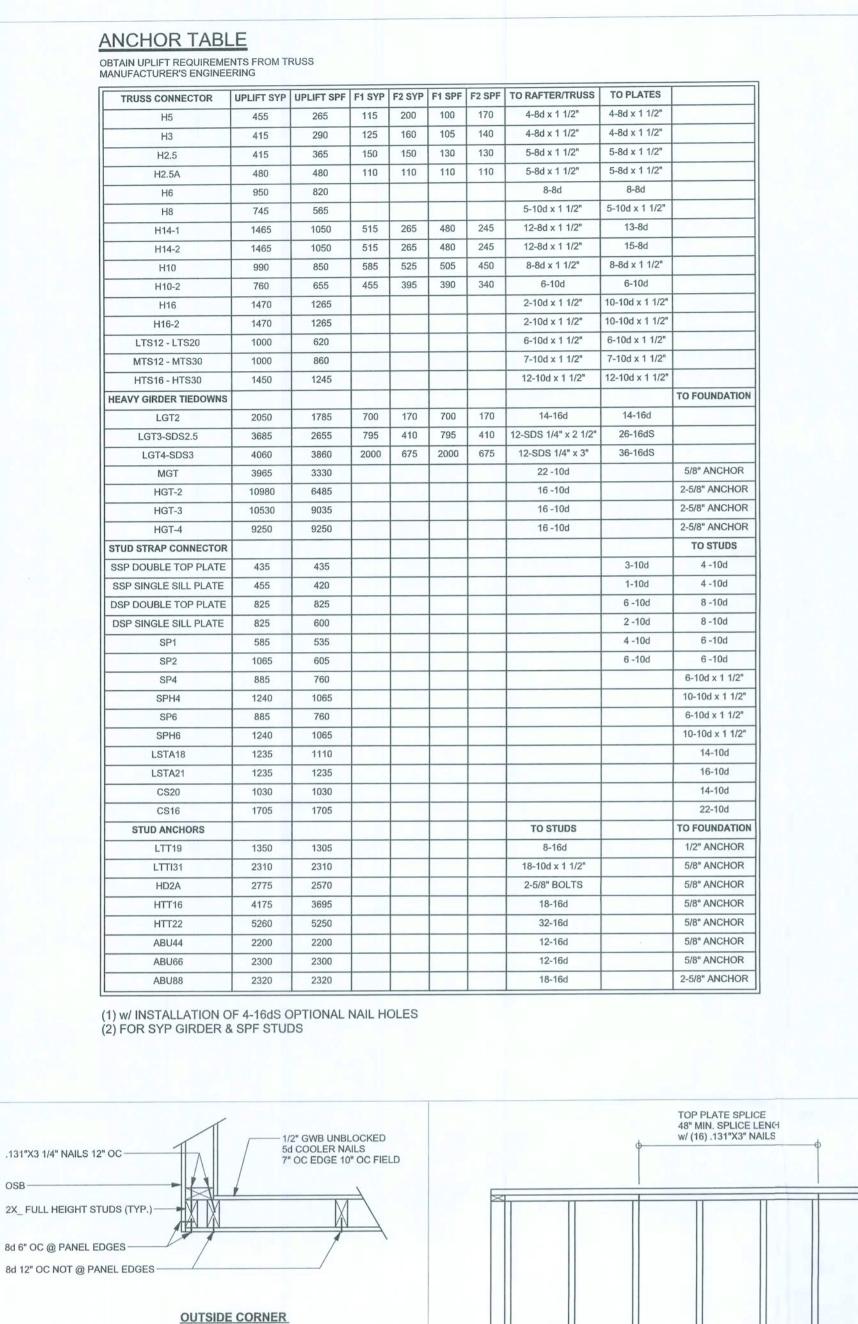
29Sep09

DRAWN BY David Disosway

JOB NUMBER:

905127

SHEET



- 1/2" GWB UNBLOCKED 5d COOLER NAILS 7" OC EDGE 10" OC FIELD

-8d 6" OC @ PANEL EDGES

INSIDE CORNER

(TYP.) CORNER FRAMING

WOOD FRAME

8d 6" OC @ PANEL EDGES -

.131"X3 1/4" NAILS 6" OC ---

INTERIOR SHEARWALL-

1/2" GWB UNBLOCKED -

5d COOLER NAILS

.131"X3 1/4" NAILS 12" OC -

- 8d 12" OC NOT @ PANEL EDGES

8d 12" OC NOT @ PANEL EDGES -

-8d 6" OC @ PANEL EDGES

FOR SHEAR TRANSFER

-8d 6" OC @ PANEL EDGES

8d 12" OC NOT @ PANEL EDGES

-2X_FULL HEIGHT STUDS (TYP.)

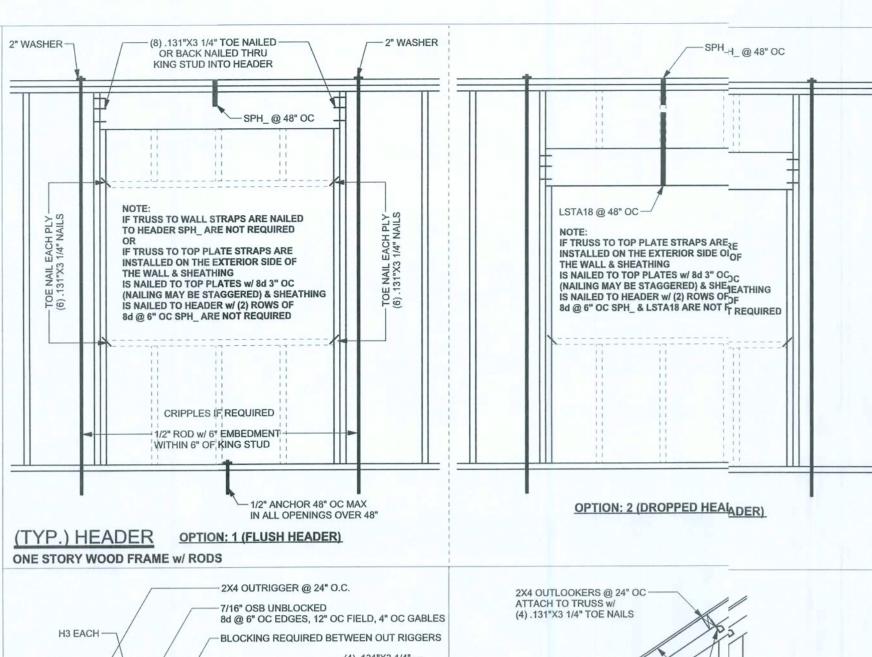
-8d 6" OC @ PANEL EDGES

-EXTERIOR WALL

8d 12" OC NOT @ PANEL EDGES

2X_FULL HEIGHT STUDS (TYP.) -

.131"X3 1/4" NAILS 12" OC -



NAILS

DIAGONAL BRACE MUST

MAY BE "T" BRACED UP

TO 12' AND UNBRACED

2X4X8' RAT RUN NAIL EACH

-(4) .131"X3 1/4" NAILS

-(8) .131"X3 1/4" NAILS

2X4 SPF#2 BLOCKING

H3 INSTALLED HORIZONTALLY

-(4) .131"X3 1/4"

(4) .131"X3 1/4"-

INSTALL 2X4 SPF#2 DIAGONAL BRACE ---

AND NAIL TO BLOCKING AT TOP CHORD & BOTTOM CHORD AND RAT RUN @ 6' O.C.

SPACE RAT RUN & DIAGONAL BRACE 6'-0" O.C.

- NAILING @ TOP PLATE TO STUD

END NAIL OR TOE NAIL

.131"X3 1/4" NAILS

(3) FOR 2X6

(4) FOR 2X8

WOOD FRAME

FOR GABLE HEIGHT UP TO 25'-0" 110 MPH, EXP. C, ENCLOSED

(TYP.) GABLE BRACING DETAIL

END NAIL OR TOE NAIL

OPTION: 2 (POCKETED)

POCKETED

TOP PLATE

(DROPPED BEAM)

BENEATH

NOTE: IF TRUSS TO BEAM

ARE NOT REQUIRED

TO BEAM SPH_

STRAPS ARE NAILED

131"X3 1/4" NAILS

(3) FOR 2X4 (4) FOR 2X6 (5) FOR 2X8 (6) FOR 2X10

3" NOTCH

7/16" OSB 8d 6" O.C. --

EDGE & 12" O.C. FIELD

ATTACH RAT RUN TO-

(4) .131"X3 1/4" NAILS

TOE NAIL TRUSS -

TO TOP PLATE 12d @ 6" O.C.

SIMPSON LSTA21

& (8) -16d TO WALL

@ 48" O.C. U.N.O.

MIN. 1/2" ANCHOR

ATTACH PER TISS UPLIFT

-(3) LSTA21 w/ (8) 16d TO H.DER

WITHIN 6" EACH SIDE

OPTION: 1 (BUCKET)

HUC410

18-16d TO FACE

10-10d TO JOIST

-(2) 2X SYP#2 TOP PLATE -

-BEAM TO BEAR ON-(2) 2X_SPF#2 JACKS

1/2" ROD WITHIN 3"-

OF JACKS

6" EMBEDMENT

(TYP.) WALL CONNECTIONS

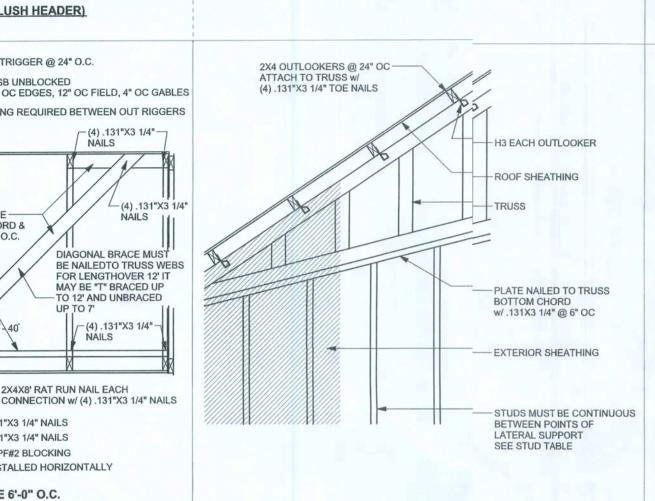
ONE STORY WOOD FRAME

SEE STRUCTURAL PLAN -

6X6 SYP #2 POST -

w/ (8) -16d TO TRUSS

BLOCKING w/



(TYP.) GABLE WALL w/ VAU JLTED CEILING

(2) 2X SYP#2 TOP PLATE

.131"X3" NAILS @ 8" OC

UNDER POINT LOAD

NAIL EACH PLY

w/ .131"X3.25" NAILS @ 6" OC STAGGERED

(2) MSTAM24, 9-10d TO STUDS

& 5-1/4"X2 1/4" TITEN TO CMU

OR 5-1/4"X1 3/4" TITEN

TO CONCRETE (3000lb)

STAGGERED

WOOD FRAME

INSTALLED HORIZONTALLY

EXTERIOR WALL STUD TABLE FOR SPF #2 STUDS

(1) 2x4 @ 16" OC	TO 10'-6" STUD HEIGHT
(1) 2x4 @ 12" OC	TO 11'-7" STUD HEIGHT
(1) 2x6 @ 16" OC	TO 16'-10" STUD HEIGHT
(1) 2x6 @ 12" OC	TO 18'-7" STUD HEIGHT

THIS STUD HEIGHT TABLE IS PER WFCM 2001, TABLE 3.20B, EXTERIOR LOAD BEARING & NON LOAD BEARING STUD LENGTHS RESISTING INTERIOR ZONE WINDLOADS 110 MPH EXPOSURE C. STUD SPACINGS SHALL BE MULTIPLIED BY 0.85 FOR FRAMING LOCATED WITHIN 4 FEET OF CORNERS FOR END ZONE LOADING EXAMPLE 16" O.C. x 0.85 = 13.6" O.C.

SILI	- PLATE	SPANS F	OR 10'-0	" WALL I	HEIGHT
DESIGN	MAX	MAX. SPANS FOR SPF #2			BASED ON WFCM
WIND SPEED	(1) 2x4	(2) 2x4	(1) 2x6	(2) 2x6	TABLE A-3.23B
90-100 MPH	5'-3"	7'-9"	7'-8"	11'-4"	FOR OTHER WALL
110-120 MPH	4'-4"	6'-6"	6'-5"	9'-6"	HEIGHTS (H) SILL SPAN SHALL BE
130 MPH	4'-0"	6'-0"	5'-11"	8'-9"	DIVIDED BY (H/10)

GRADE & SPECIES TABLE

		Fb (psi)	E (10 ⁶ psi)
2x8	SYP #2	1200	1.6
2x10	SYP #2	1050	1.6
2x12	SYP #2	975	1.6
GLB	24F-V3 SP	2400	1.8
LSL	TIMBERSTRAND	1700	1.7
LVL	MICROLAM	2900	2.0
PSL	PARALAM	2900	2.0

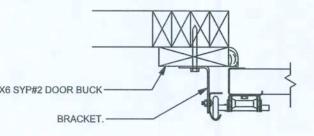
PRE ENGINEERED ROOF TRUSS -SINGLE 2X SPF TOP PLATE -INTERIOR CEILING AS -SPECIFIED ON FLOOR PLAN CONTINUOUS FRAME -TO TOP PLATE AT BOTTOM CHORD OF TRUSS ALL STUDS TO BE 2X -SPF NAILED TO TOP

CONTINUOUS FRAME TO CEILING DIAPHRAGM DETAIL

WOOD FRAME

2X6 SYP#2 GARAGE DOOR BUCK ATTACHMENT ATTACH GARAGE DOOR BUCK TO STUD PACK AT EACH SIDE OF DOOR OPENING WITH 3/8"X4" LAG SCREWS w/ 1" WASHER LAG SCREWS MAY BE COUNTERSUNK, HORIZONTAL JAMBS DO NOT ANSFER LOAD. CENTER LAG SCREWS OR STAGGER 16d NAILS OR (2) ROWS OF .131X3 1/4" GN PER TABLE BELOW:

DOOR WIDTH	3/8"X4" LAG	16d STAGGER	(2) ROWS OF .131"X3 1/4" NAILS		
8' - 10'	24" OC	5" OC	5" OC		
11' - 15'	18" OC	4" OC	4" OC		
16' - 18'	16" OC	3" OC	3" OC		
20'	12" OC	2.5" OC	2.5" OC		



GENERAL NOTES:

TRUSSES: TRUSSES SHALL BE DESIGNED BY A FLORIDA LICENSED ENGINEER IN ACCORDANCE WITH THE FBCR 2007. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS. TRUSS ENGINEERING IS THE RESPONSIBILITY OF THE TRUSS MANUFACTURER AND SHALL BE SIGNED & SEALED BY THE MANUFACTURER'S DESIGN ENGINEER. IT IS THE BUILDER'S RESPONSIBILITY VERIFY THE TRUSS DESIGNER FULLY SATISFIED ALL THE ABOVE REQUIREMENTS AND TO SELECT UPLIFT CONNECTIONS BASED ON TRUSS ENGINEERING UPLIFT AND PROVIDE FOOTINGS FOR INTERIOR BEARING WALLS. BUILDER IS TO FURNISH TRUSS ENGINEERING TO WIND LOAD ENGINEER FOR REVIEW OF TRUSS REACTIONS ON THE BUILDING STRUCTURE. STRAP 2X6 RAFTERS WITH MIN UPLIFT CONNECTION 415LB EACH END; 2X8 RAFTERS 700 LB EACH END.

SITE PREPARATION: SITE ANALYSIS AND PREPARATION IS NOT PART OF THIS PLAN

FOUNDATION: CONFIRM THAT THE FOUNDATION DESIGN & SITE CONDITIONS MEET GRAVITY LOAD REQUIREMENTS (ASSUME 1000 PSF BEARING CAPACITY UNLESS VISUAL OBSERVATION OR SOILS TEST PROVES OTHERWISE

CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS, F'c = 3000 PSI. WELDED WIRE REINFORCED SLAB: 6" x 6" W1.4 x W1.4, FB = 85KSI, WELDED WIRE REINFORCEMENT FABRIC (W.W.M.) CONFORMING TO ASTM A185; LOCATED IN MIDDLE OF THE SLAB; SUPPORTED WITH APPROVED MATERIALS OR SUPPORTS AT SPACINGS

FIBER CONCRETE SLAB: CONCRETE SLABS ON GROUND CONTAINING SYNTHETIC FIBER REINFORCEMENT. FIBER LENGTH 1/2 INCH TO 2 INCHES. DOSAGE AMOUNTS FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD PER THE MANUFACTURER'S RECOMMENDATIONS.
FIBERS TO COMPLY WITH ASTM C 1116. SUPPLIER TO PROVIDE ASTM C 1116 CERTIFICATION OF COMPLIANCE WHEN REQUESTED BY BUILDING OFFICIAL.

CONTROL JOINTS: WHERE SPECIFIED, SAWN CONTROL JOINTS IN SLAB-ON-GRADE SHALL BE CUT IN ACCORDANCE WITH ACI 302. JOINTS SHALL BE CUT WITHIN 12 HOURS OF SLAB PLACEMENT. THE LENGTH / WIDTH RATIOS OF SLAB AREAS SHALL NOT EXCEED 1.5 AND TYPICAL SPACING OF CUTS TO BE 12FT. DO NOT CUT WWM OR REINFORCING STEEL. (RECOMMENDED LOCATION OF CONTROL JOINTS IS SUBJECT TO OWNER AND CONTRACTOR'S APPROVAL. THE CONTROL JOINTS ARE NOT INTENDED TO PREVENT CRACKS BUT RATHER TO ENCOURAGE THE SLAB TO CRACK ON A GIVEN LINE.)

REBAR: ASTM A 615, GRADE 60, DEFORMED BARS, FY = 60 KSI. ALL LAP SPLICES 40 * DB (25" FOR #5 BARS); UNO. ALL REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 315-96, U.N.O.

GLULAM BEAMS: GLB, 24F-V3SP, Fb = 2.4ksi, E = 1800ksi; UNO. SUPPLIER MAY SUPPLY AN ALTERNATE BEAM WITH EQUAL PROPERTIES OR MAY SUBMIT THEIR OWN SIZING CALCS.

ROOF SHEATHING: ALL ROOFS ARE HORIZONTAL DIAPHRAGMS; 7/16" OSB SHEATHING, UNBLOCKED, APPLIED PERPENDICULAR TO FRAMING, OVER A MINIMUM OF 3 FRAMING MEMBERS, WITH PANEL EDGES STAGGERED, FASTENED WITH 8d COMMON NAILS (.131), 6"OC PANEL EDGES, 12"OC INTERMEDIATE MEMBERS, GABLE ENDS AND

STRUCTURAL CONNECTORS: MANUFACTURERS AND PRODUCT NUMBER FOR CONNECTORS, ANCHORS, AND REINFORCEMENT ARE LISTED FOR EXAMPLE NOT ENDORSEMENT. AN EQUIVALENT DEVICE OF THE SAME OR OTHER MANUFACTURER CAN BE SUBSTITUTED FOR ANY DEVICES LISTED IN THE EXAMPLE TABLES AS LONG AS IT MEETS THE REQUIRED LOAD CAPACITIES. MANUFACTURER'S INSTALLATION INSTRUCTIONS MUST BE FOLLOWED TO ACHIEVE RATED LOADS.

ANCHOR BOLTS: A-307 ANCHOR BOLTS WITH MINIMUM EMBEDMENT AS SPECIFIED IN DRAWINGS BUT NO LESS THAN 7" IN CONCRETE OR REINFORCED BOND BEAM OR 15" IN GROUTED CMU.

WASHERS: WASHERS USED WITH 1/2" BOLTS TO BE 2" \times 2" \times 9/64"; WITH 5/8" BOLTS TO BE 3" \times 3" \times 9/64"; WITH 3/4" BOLTS TO BE 3" \times 3" \times 9/64"; WITH 7/8" BOLTS TO BE 3" x 3" x 5/16"; UNO

NAILS: ALL NAILS ARE COMMON NAILS UNLESS OTHERWISE SPECIFIED OR ACCEPTED BY FBC TEST REPORTS AS HAVING EQUAL STRUCTURAL VALUES.

BUILDER'S RESPONSIBILITY

DIAPHRAGM BOUNDARY; 4"OC, UNO.

THE BUILDER AND OWN SPECIFICALLY NOT PAI	NER ARE RESPONSIBLE FOR THE FOLLOWING, WHICH ARE RT OF THE WIND LOAD ENGINEER'S SCOPE OF WORK.
CONFIRM SITE CONDI- BACKFILL HEIGHT, WIN	TIONS, FOUNDATION BEARING CAPACITY, GRADE AND ND SPEED AND DEBRIS ZONE, AND FLOOD ZONE.
PROVIDE MATERIALS A WITH FBCR 2007 REQU DESIGN PRESSURES.	AND CONSTRUCTION TECHNIQUES, WHICH COMPLY JIREMENTS FOR THE STATED WIND VELOCITY AND
PROVIDE A CONTINUO BELIEVE THE PLAN ON THE WIND LOAD ENGII	OUS LOAD PATH FROM TRUSSES TO FOUNDATION. IF YOU MITS A CONTINUOUS LOAD PATH CONNECTION, CALL NEER IMMEDIATELY.
VERIFY THE TRUSS MADESIGN, PLACEMENT	ANUFACTURER'S SEALED ENGINEERING INCLUDES TRUSS PLANS, TEMPORARY AND PERMANENT BRACING DETAILS,

TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL

ROOF SYSTEM DESIGN

BEARING LOCATIONS.

THE SEAL ON THESE PLANS FOR COMPLIANCE WITH FBCR 2007, SECTION R301.2.1 IS BASED ON REACTIONS, UPLIFTS, AND BEARING LOCATIONS IN THE RESPONSIBILITY OF THE BUILDER TO CHECK ALL DETAILS OF THE COMPLETE ROOF SYSTEM DESIGN SUBMITTED BY THE TRUSS MANUFACTURER AND HAVE IT SIGNED, AND SEALED BY A DESIGN PROFESSIONAL FOR CORRECT APPLICATION OF FBCR 2007 REQUIRED LOADS AND ANY SPECIAL LOADS. THE BUILDER IS RESPONSIBLE TO REVIEW EACH INDIVIDUAL TRUSS MEMBER AND THE TRUSS ROOF SYSTEM AS A WHOLE AND TO PROVIDE RESTRAINT FOR ANY LATERAL BRACING. THE BUILDER SHOULD USE CARE CHECKING THE ROOF DESIGN BECAUSE THE WIND LOAD ENGINEER IS SPECIFICALLY NOT RESPONSIBLE FOR THE TRUSS LAYOUT WHICH WAS CREATED BY THE TRUSS MANUFACTURER AND THE TRUSS DESIGNER ALSO DENIES RESPONSIBILITY FOR THE LAYOUT PER NOTES ON THEIR SEALED TRUSS SHEETS.

WIND LOADS PER FLORIDA BUILDING CODE 2007 RESIDENTIAL, SECTION R301.2.1

DESIGN DATA

BUILDING IS NOT IN THE HIGH VELOCITY HUR	RRICANE ZON	E			
BUILDING IS NOT IN THE WIND-BORNE DEBRI	S REGION				
1.) BASIC WIND SPEED = 110 MPH		17.51			
2.) WIND EXPOSURE = C					
3.) WIND IMPORTANCE FACTOR = 1.0		-			1344
4.) BUILDING CATEGORY = II					
5.) ROOF ANGLE = 10-45 DEGREES				T.	
6.) MEAN ROOF HEIGHT = <30 FT					
7.) INTERNAL PRESSURE COEFFICIENT = N/	A (ENCLOSED	BUILD	ING)		
8.) COMPONENTS AND CLADDING DESIGN V	WIND PRESSU	RES (T	ABLE F	R301.2(2))
	Zone	Effect	ivo W	ind Ar	ea (ft2)
*****	Zone	-	0		100
	1		-30.5	-	-25.3
2 2	2	27.8	-35.7	25.3	-30.5
	2 O'hg		-56.8		-56.8
2 2 2 5	3	27.8	-	25.3	-30.5
3 4	3 O'hg	30.5	-95.6 -33.0	25.9	-59.3
55	5	30.5	0.00	25.9	-31.6
100		0.140			
/2/	Doors	& vvino st Case		30.5	-40.7
	1000	5, 101			
5 2 3	8x7 Gar	age Do	ООГ	27.3	-32.0
2 4 /2/ 5	16x7 Ga	arage D)oor	25.9	-29.4
55	-				-
44					+
DESIGN LOADS				-	
FLOOR 40 PSF (ALL OTHER DWELLING ROO	MS)				
30 PSF (SLEEPING ROOMS)					
30 PSF (ATTICS WITH STORAGE)					
30 PSF (ATTICS WITH STORAGE) 10 PSF (ATTICS WITHOUT STORAGE	. <3:12)				
	:, <3:12)	0			



P.O. Box \\ \text{68} Lake City, Florida 32056 P: (386) 754 - 5419 F: (386) 269 -4871 www.disoswaycesign.com

BUILDER

Wind Anchor, Inc.

PROJECT

David & Sarah **Disosway Residence**

PROJECT LOCATION: Lot 11 Rose Creek S/D Columbia County, Florida

DIMENSIONS Stated dimensions supercede saled dimensions Refer all questions to Mark lisosway, P.E. for resolution. Do not proceed whout clarification.

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CERTIFICATION: I hereby certify that I have exmined this plan and that the applicable portions of the plan, relating to wind engineering comply with section R301.2.1, florida building coderesidential 2007, to the best of my knowledge.

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



DOCUMENT CONTROL

REVISIONS

PRINTED DA'E: October 02, 2109

FINALS DATE: 29Sep09

DRAWN BY: David Disosway

JOB NUMBER: 905127

SHEET

S-1

OF 9 SHEE'S

7" OC EDGE 10" OC FIELD 8d 12" OC NOT @ PANEL EDGES w/ (14) 16d 2X6 SYP#2 DOOR BUCK ---2X_ PT SYP#2 PLATE -**ALTERNATE CONNECTION WITHERE** STAIRS 40 PSF (ONE & TWO FAMILY DWELLINGS) (TYP.) PORCH POST (TYP.) GARAGE DOOR BUCK INSTALLATION (TYP.) BEAM TO WALL (TYP.) INTERSECTING WALL FRAMING OIL BEARING CAPACITY 1000PSF ALLOWABLE UPLIFT: ONE STORY WOOD ONE STORY WOOD FRAME w/ RODS NOT IN FLOOD ZONE (BUILDER TO VERIFY) WOOD FRAME WOOD FRAME w/ RODS WOOD FRAME

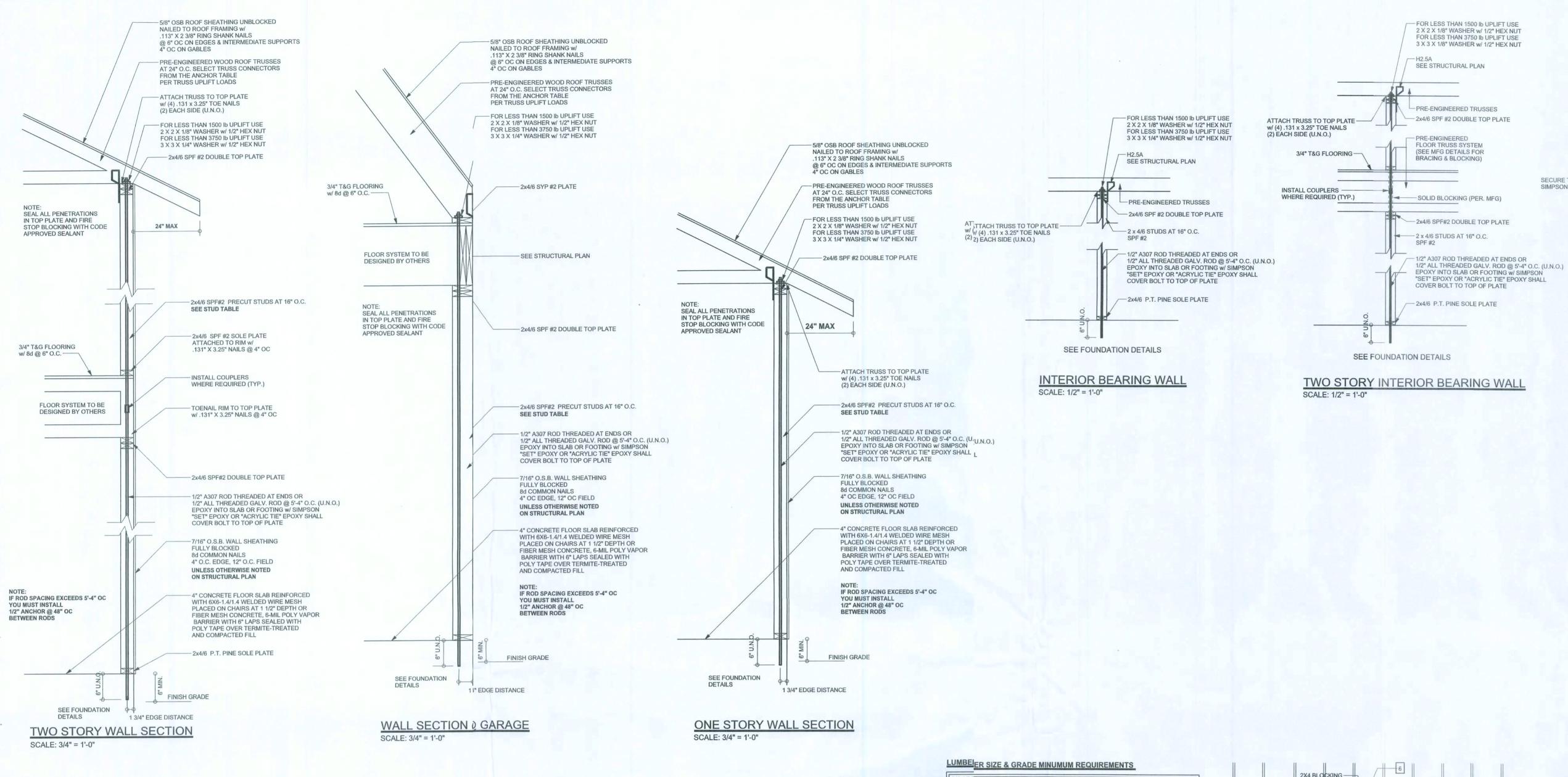
LTT20B, 10-16d (1750lb)

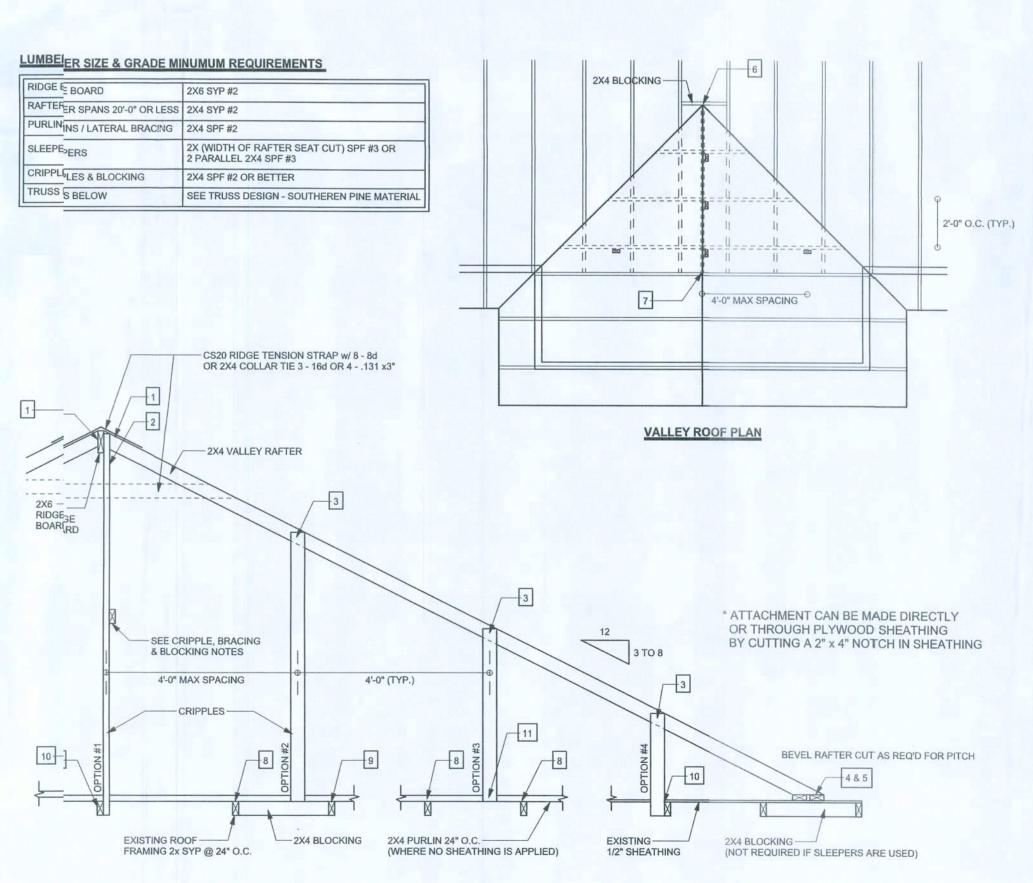
BELOW FINISHED FLOOR)

(MAY BE RECESSED

1/2" ANCHOR

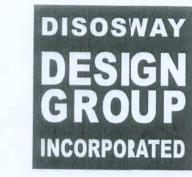
(5) NAILS EACH SIDE OF STUD (OR STRAP STUD TO HEADER 20-10d)





SECTION CUT PARALLEL TO VALLEY RAFTER

RETROFIT ROOF OVER FRAMING & BRACING DETAIL



1/2" A36 STEEL ALL THREADED ROD

- FLOOR BEAM OR

SECURE THREADED ROD TO BEAM w/

SIMPSON HTT16 w/ 18 - 16d NAILS

- 1/2" A36 STEEL ALL THREADED ROD ANCHORING SYSTEM BELOW

FLOOR JOIST

ANCHORING SYSTEM ABOVE

OPTIONAL THREADED ROD TO

FLOOR BEAM OR FLOOR JOIST

SCALE: 1/2" = 1'-0"

VALLEY ROOF PLAN MEMBER LEGEND

= = = TRUSS UNDER VALLEY FRAMING

CONNECTION REQUIREMENT NOTES

2X4 RAFTERS TO RIDGE

CRIPPLE TO RIDGE

CRIPPLE TO RAFTERS

SLEEPER TO TRUSS

RIDGE BOARD TO ROOF BLOCK

PURLIN TO TRUSS (IF CRIPPLE IS

6'-0" FOR 2X4, 9'-0" FOR 2X6 SPF #2 OR SYP #2.

MINIMUM OF 8 - 8d COMMON WIRE NAILS.

-MAXIMUM WIND SPEED: 120 MPH

INSTALLED INTO RIDGE BOARD

NAILS UNLESS NOTED OTHERWISE.

- ENCLOSED BUILDING

MAXIMUM VALLEY HEIGHT: 14'-0" OR LESS

- EXPOSURE CATEGORY "B", I = 1.0, Kzt = 1.0

CRIPPLE, BRACING, & BLOCKING NOTES

- MEETS FBC 2001/ASCE 7-98 WIND REQUIREMENTS

NARROW EDGE OF CRIPPLE CAN FACE RIDGE OR RAFTER AS LONG AS THE PROPER NUMBER OF NAILS ARE

INSTALL BLOCKING UNDER RAFTER IF SLEEPERS ARE NOT USED.

INSTALL BLOCKING UNDER CRIPPLES IF CRIPPLES FALL BETWEEN

LOWER TRUSS TOP CHORDS AND LATERAL BRACING IS NOT USED

- MAXIMUM MEAN ROOF HEIGHT: 30 FEET MAXIMUM TOTAL LOADING: 40 psf

16ft2 IN ZONES 2 & 3 , 24ft2 IN ZONE 1. (EXAMPLE: 4'-0" O.C. X 4'-0" SPAN = 16ft2 OR 2'-0" X 8'-0" SPAN = 16ft2)

THIS DRAWING APPLIES TO VALLEYS WITH THE FOLLOWING CONDITIONS: -SPANS (DISTANCS BETWEEN HEELS) 40'-0" OR LESS

-2X4 CONTINUOUS LATERAL BRACE (CLB) MIN. IS REQUIRED FOR CRIPPLES 5'-0" TO 10'-0" LONG

APPLY ALL NAILING IN ACCORDANCE TO NDS-1997 SECTION 12. NAILS ARE COMMON WIRE

NAILED w/ 2 - 10d NAILS OR 2X4 "T" OR SCAB BRACE NAILD TO FLAT EDGE OF CRIPPLE WITH 8d NAILS @ 8" O.C. "T" OR SCAB MUST BE 90% OF CRIPPLE LENGTH, CRIPPLES OVER 10'-0" LONG REQURE TWO CLB'S OR BOTH FACES w/ "T" OR SCAB. USE STRESS GRADED LUMBER & BOX OR COMMON NAILS.

PURLINS REQUIRED 2'-0" O.C. IF EXISTING SHEATHING IS REMOVED. PURLINS SHOULD OVERLAP SHEATHING ONE TRUSS SPACING MINIMUM. IN CASES THAT THIS IS IMPRACTICAL, OVERLAP SHEATHING A MINIMUM OF 6", AND NAIL UPWARDS THROUGH SHEATHING INTO PURLIN WITH A

RIDGE BOARD TO TRUSS

8 PURLIN TO TRUSS (TYP.)

ATTACHED TO PURLIN) TRUSS TO BLOCKING

10 CRIPPLE TO TRUSS

1 CRIPPLE TO PURLIN

GENERAL NOTES

MAXIMUM RAFTER SPANS

-CRPPLES 4'-0" O.C. FOR 20 psf (TL) AND 10 psf (TD) (TYP. SHINGLE ROOF) MAX

RAFTER TO SLEEPER OR BLOCKING 6 -16d OR 12 - .131 x 3" TOE NAILS

3 -16d OR 6 - .131 x 3" TOE NAILS

3 - 16d OR 6 - .131 x 3" FACE NAILS

3 -16d OR 6 - .131 x 3" TOE NAILS

3-16d OR 6 - .131 x 3" TOE NAILS

3 -16d OR 6 - .131 x 3" NAILS

4-16d OR 8 - .131 x 3" NAILS

3-16d OR 6 - .131 x 3" END NAILS

3 -16d OR 6 - .131 x 3" FACE NAILS

3 -16d OR 6 - .131 x 3" FACE NAILS

3 - 16d OR 6 - .131 x 3" FACE NAILS

4 - 16d OR 8 - .131 x 3" FACE NAILS EACH TRUS

===== VALLEY RAFTER OR RIDGE

TRUSS

CRIPPLE

SECURE THREADED ROD TO BEAM w/

SIMPSON HTT16 w/ 18 - 16d NAILS -

P.O. Box 868 Lake City, Florida 32056 P: (386) 754 - 5419 F: (386) 269 - 4871 www.disoswaydesign.com

BUILDER

Wind Anchor, Inc.

PROJECT

David & Sarah **Disosway Residence**

PROJECT LOCATION: Lot 11 Rose Creek S/D Columbia County, Florida

DIMENSINS: Stated dimensions supercele scaled dimensions. Refer all questions to Mrk Disosway, P.E. for resolution. Do not proced without clarification COPYRIGHTS AND PRIPERTY RIGHTS: Mark Disosway P.E. lereby expressly reserves its common lw copyrights and This document is not to be reproduced, altered or copied in any form or nanner without first the express written permision and consent of

CERTIFICATION: I hereby certify that I have examined this plan. and that the applicable prtions of the plan, relating to wind engineering comply with section R301.2.1, florida building ode residential 2007, to the best of myknowledge.

Mark Disosway P.E.

LIMITATON: This design is valid tr one building, at specified location.



DOCUMENT CONTROL

REVISIONS

PRINTED)ATE: October 02 2009

> FINALS CATE: 29Sep)9

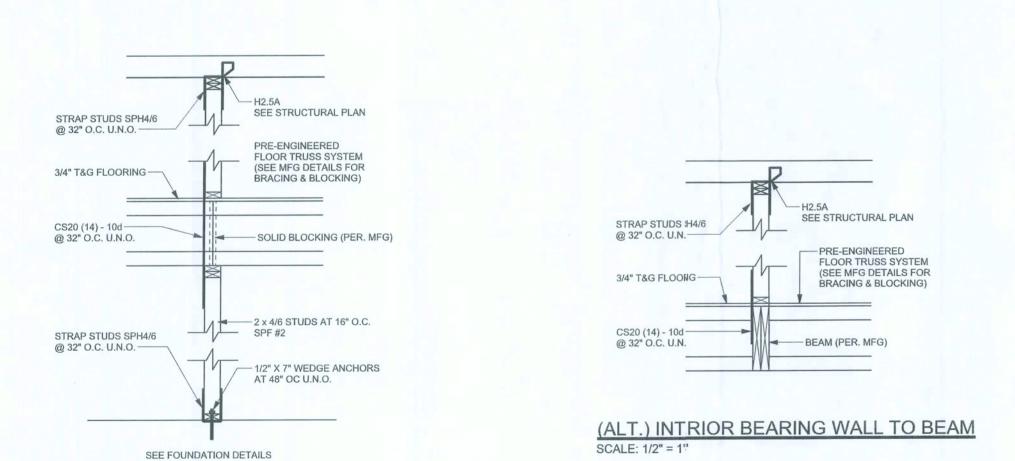
DRAWNBY: David Disisway

JOB NUMBER:

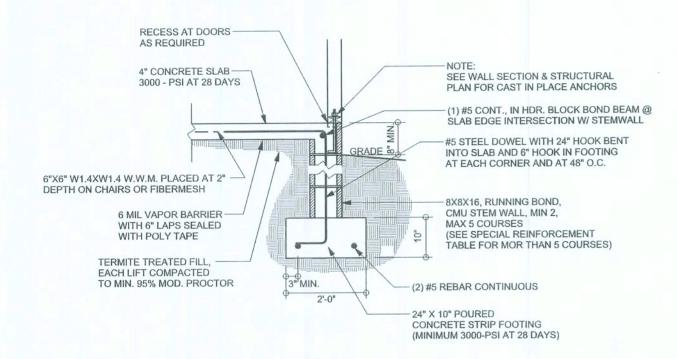
905127

SHEET

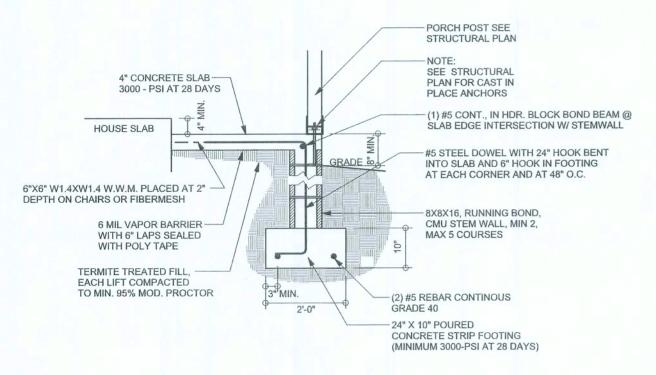
S-1.1



(ALT.) 2 STORY INTERIOR BEARING WALL SCALE: 1/2" = 1'-0"



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

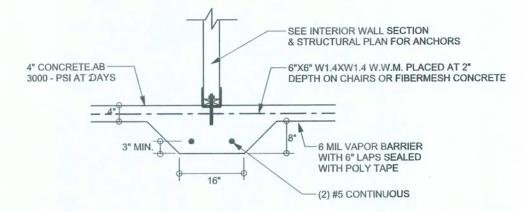


F12 STEM WALL PORCH FOOTING S-2 SCALE: 1/2" = 1'-0"

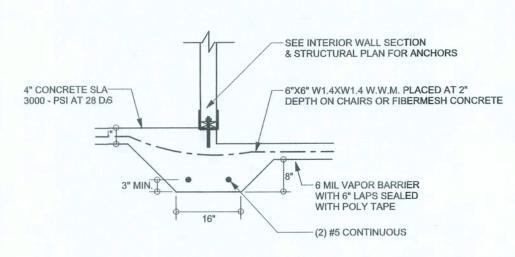
TALL STEM WALL TABLE

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 1#5 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

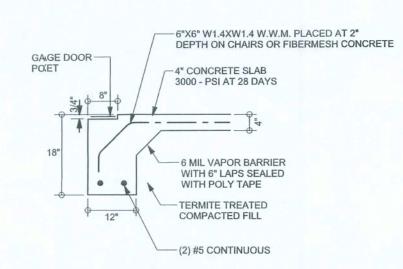
STEMWALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	FOR 8" CMU STEMWALL FOR 12" CMU					
	#5	#7	#8	#5	#7	#8	
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	40	80	96	80	96	96
6.7	6.3	32	56	80	56	96	96
7.3	7.0	24	40	56	40	80	96
8.0	7.7	16	32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



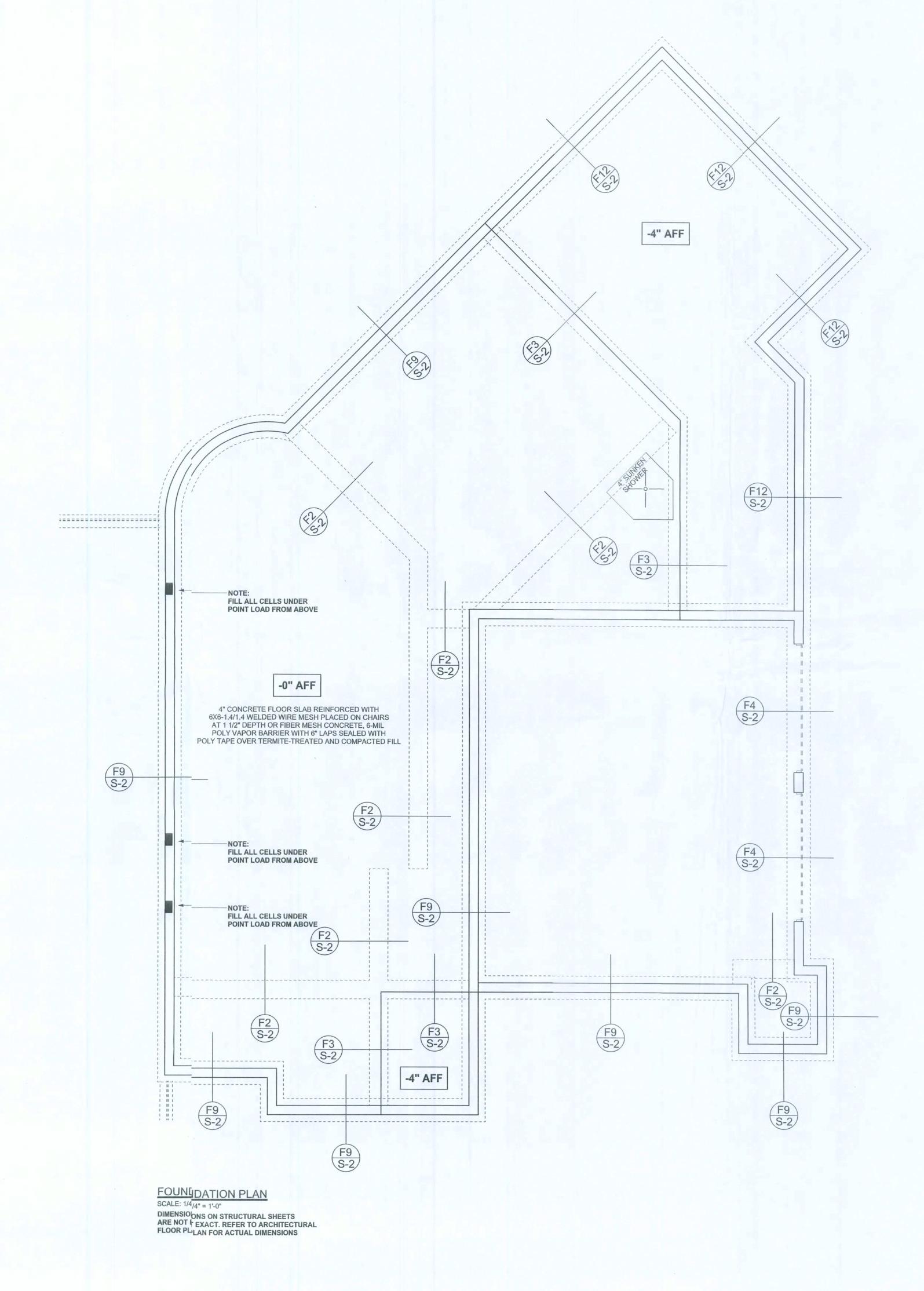
F2 INTERIOR BEARING FOOTING S-2 SCALE: 1/2" = 1'-0"



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



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





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F: (386) 269 - 4871
www.disoswaydesign.com

BUILDER

Wind Anchor, Inc.

PROJECT

David & Sarah Disosway Residence Permit #0910-05

PROJECT LOCATION: Lot 11 Rose Creek S/D Columbia County, Florida

DIMENSIONS:
Stated dimensions supercede solled dimensions.
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CERTIFICATION
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LIMITATION: This design is valid for on building, at specified locatio.



DOCUMENT CONTROL

REVISIONS

7Oct09 updated the plan per JoeHaltiwanger plan review

PRINTED DATE:

October 07, 2019

FINALS DATE 29Sep09

DRAWN BY:

David Disosway

JOB NUMBER: 905127

SHEET

S-2

