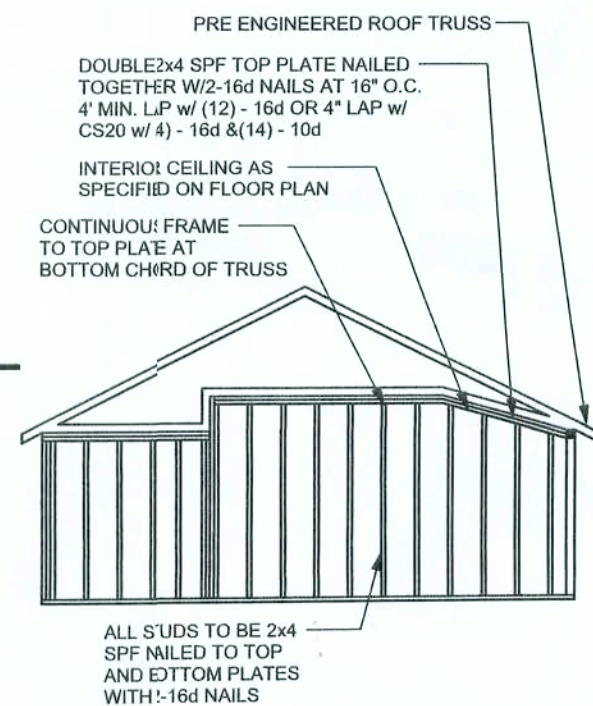


ONE STORY WALL SECTION
SCALE: 3/4\" = 1'-0"

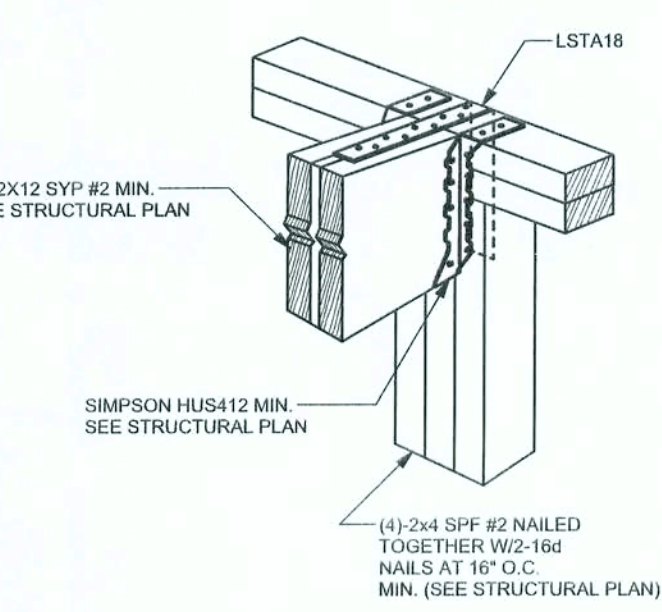
EXTERIOR WALL STUD TABLE FOR SPF #2 STUDS

(1) 2x4 @ 16\" OC	TO 11'-9\" STUD HEIGHT
(1) 2x4 @ 12\" OC	TO 13'-0\" STUD HEIGHT
(1) 2x6 @ 16\" OC	TO 18'-10\" STUD HEIGHT
(1) 2x6 @ 12\" OC	TO 20'-0\" STUD HEIGHT

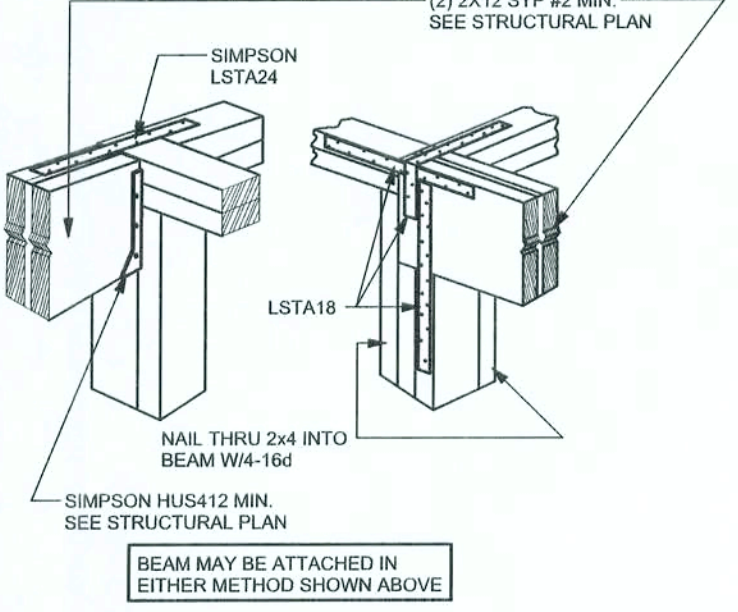
THIS STUD HEIGHT TABLE IS PER WFCM 2001, TABLE 3.20B, EXTERIOR LOAD BEARING & NON-LOAD BEARING STUD LENGTHS RESISTING INTERIOR ZONE WIND LOADS 110 MPH EXPOSURE B. STUD SPACINGS SHALL BE NAIL TRUED BY 0.85 FOR FRAMING LOCATED WITHIN 4 FEET OF CORNERS FOR END ZONE LOADING. EXAMPLE 16\" OC x 0.85 = 13'-6\" O.C.



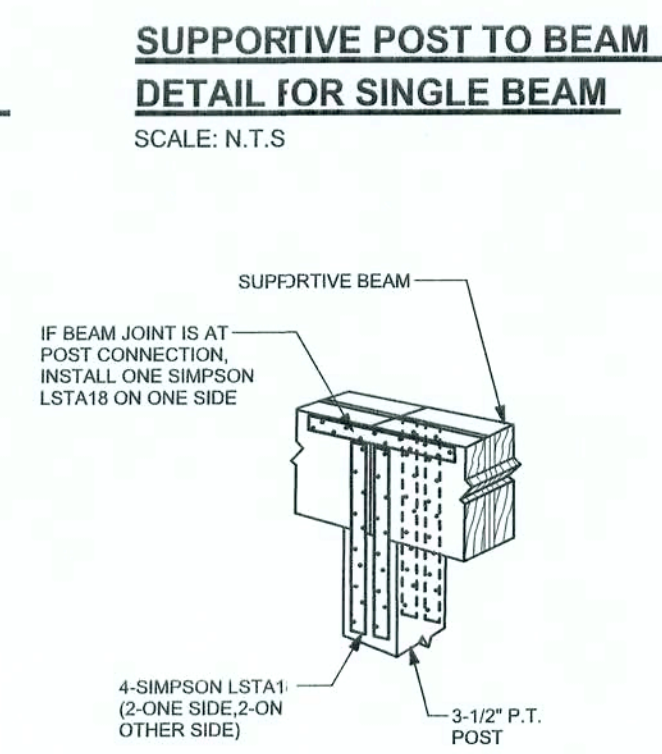
CONTINUOUS FRAME TO CEILING DIAPHRAGM DETAIL
SCALE: N.T.S.



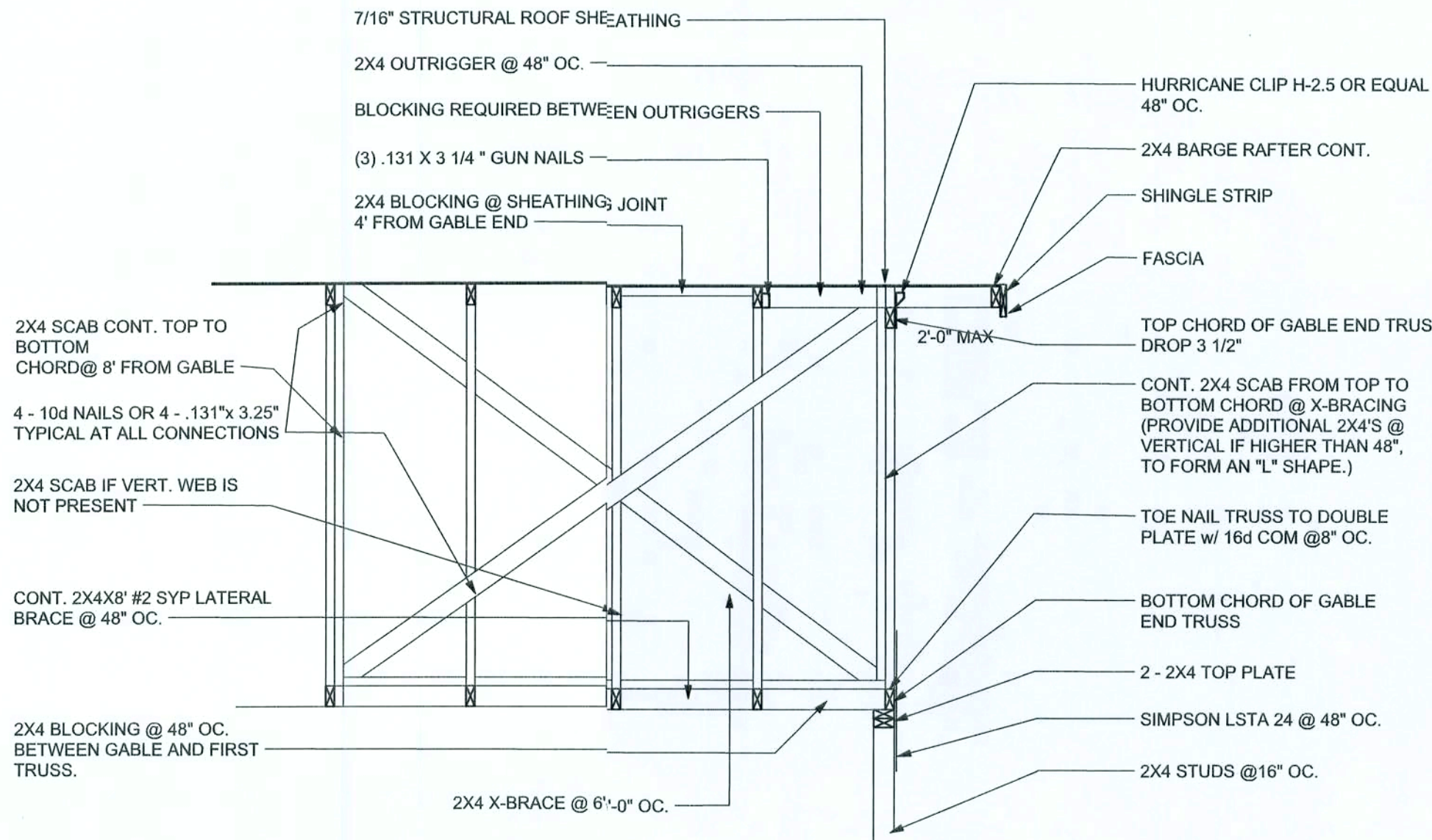
BEAM MID-WALL CONNECTION DETAIL
SCALE: N.T.S.



BEAM CORNER CONNECTION DETAIL
SCALE: N.T.S.

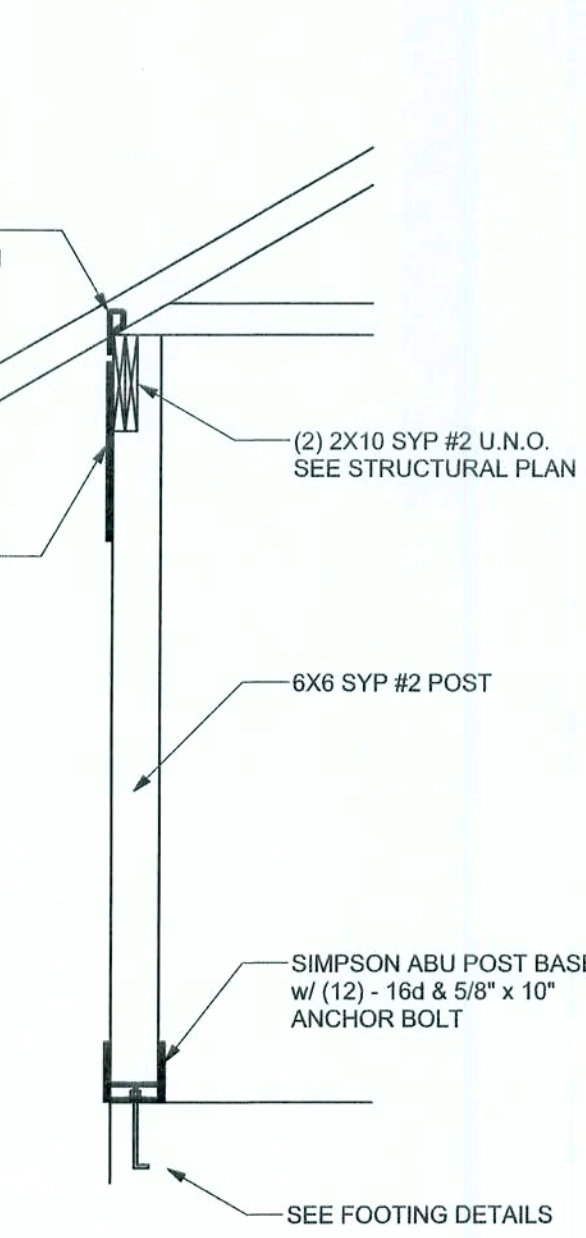


SUPPORTIVE CENTER POST TO BEAM DETAIL
SCALE: N.T.S.

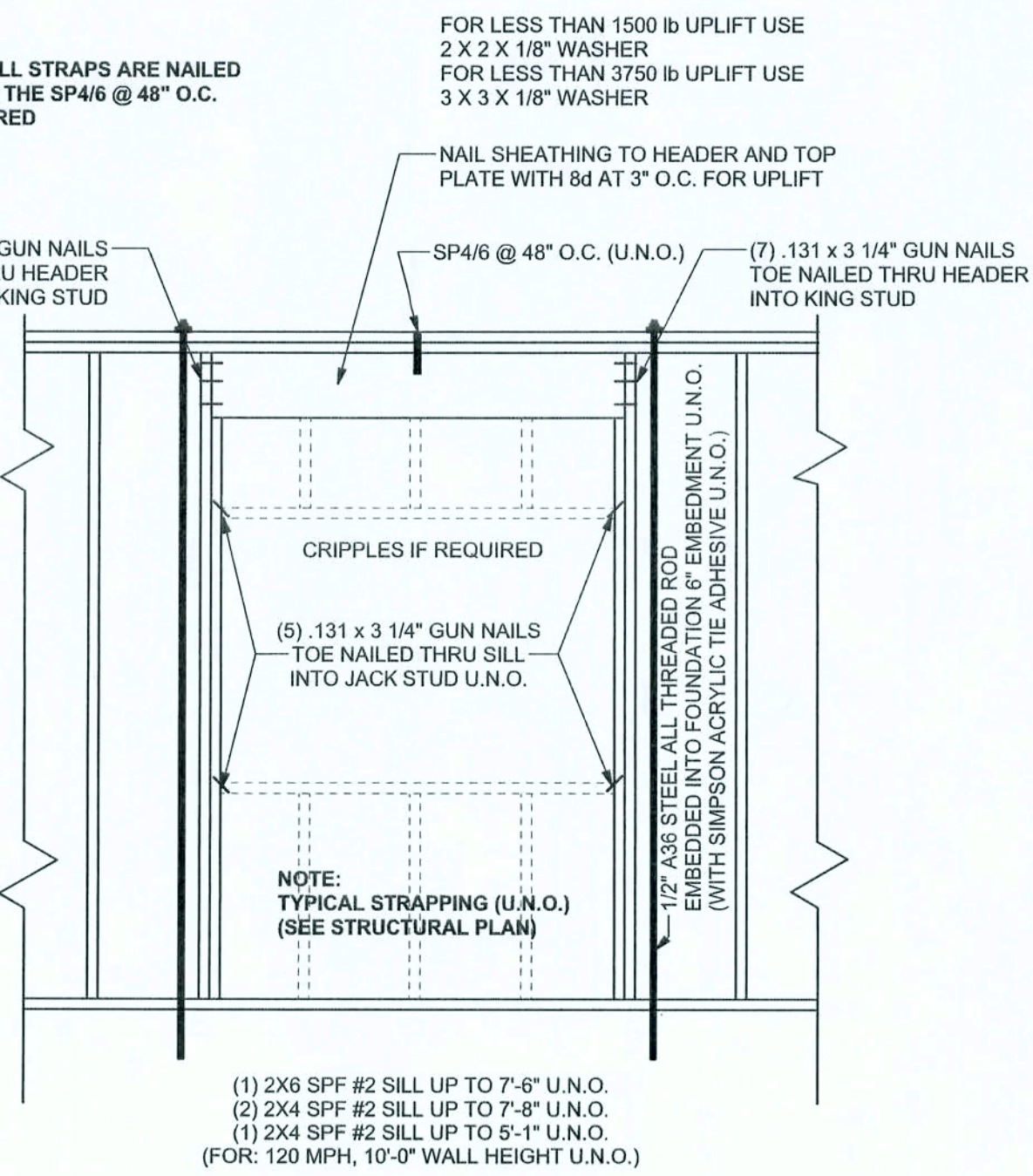


TYPICAL GABLE END (X-BRACING)
ALL MEMBERS SHALL BE SYP

NOTE:
IF TRUSS TO WALL STRAPS ARE NAILED TO THE HEADER THE SP#46 @ 48\"/>



TYPICAL PORCH POST DETAIL
SCALE: 1/2\" = 1'-0"



TYPICAL 1 STORY HEADER STRAPPING DETAIL
SCALE: 1/2\" = 1'-0"

ANCHOR TABLE

OBTAIN UPLIFT REQUIREMENTS FROM TRUSS MANUFACTURER'S ENGINEERING

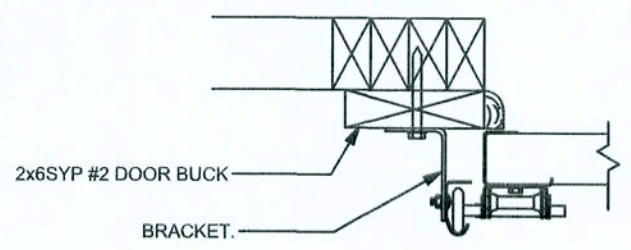
UPLIFT LBS. SYP	UPLIFT LBS. SPF	TRUSS CONNECTOR*	TO PLATES	TO RAFTER/TRUSS	TO STUDS
< 420	< 245	H5A	3-8d	3-8d	
< 455	< 265	H5	4-8d	4-8d	
< 360	< 235	H4	4-8d	4-8d	
< 455	< 320	H3	4-8d	4-8d	
< 415	< 365	H2.5	5-8d	5-8d	
< 600	< 535	H2.5A	5-8d	5-8d	
< 950	< 820	H6	8-8d	8-8d	
< 745	< 565	H8	5-10d, 1 1/2"	5-10d, 1 1/2"	
< 1465	< 1050	H14-1	13-8d	12-8d, 1 1/2"	
< 1465	< 1050	H14-2	15-8d	12-8d, 1 1/2"	
< 990	< 850	H10-1	8-8d, 1 1/2"	8-8d, 1 1/2"	
< 760	< 655	H10-2	6-10d	6-10d	
< 1470	< 1265	H16-1	10-10d, 1 1/2"	2-10d, 1 1/2"	
< 1470	< 1265	H16-2	10-10d, 1 1/2"	2-10d, 1 1/2"	
< 1000	< 860	MTS24C	7-10d 1 1/2"	7-10d 1 1/2"	
< 1450	< 1245	HTS24	12-10d 1 1/2"	12-10d 1 1/2"	
< 2900	< 2490	2 - HTS24			
< 2050	< 1785	LGT2	14-16d	14-16d	
HEAVY GIRDER TIEDOWNS*					TO FOUNDATION
< 3985	< 3330	MG7		22-10d	1-5/8\"
< 10980	< 6485	HGT-2		16-10d	2-5/8\"
< 10530	< 9035	HGT-3		16-10d	2-5/8\"
< 9250	< 9250	HGT-4		16-10d	2-5/8\"
STUD STRAP CONNECTOR*					TO STUDS
< 435	< 435	SSP DOUBLE TOP PLATE	3-10d		4-10d
< 455	< 420	SSP SINGLE SILL PLATE	1-10d		4-10d
< 825	< 825	DSP DOUBLE TOP PLATE	6-10d		8-10d
< 825	< 600	DSP SINGLE SILL PLATE	2-10d		8-10d
< 885	< 760	SP4			6-10d, 1 1/2"
< 1240	< 1065	SPH4			10-10d, 1 1/2"
< 885	< 760	SP6			6-10d, 1 1/2"
< 1240	< 1065	SPH6			10-10d, 1 1/2"
< 1235	< 1165	LSTA18	14-10d		
< 1235	< 1235	LSTA21	16-10d		
< 1030	< 1030	CS20	18-8d		
< 1705	< 1705	CS16	28-8d		
STUD ANCHORS*					TO FOUNDATION
< 1350	< 1305	LTT19	8-16d		1/2\"
< 2310	< 2310	LTT31	18-10d, 1 1/2"		1/2\"
< 2775	< 2570	HD2A	2-5/8\"		5/8\"
< 4175	< 3695	HTT16	18 - 16d		5/8\"
< 1400	< 1400	PAHD42	16-16d		
< 3335	< 3335	HPAH422	16-16d		
< 2200	< 2200	ABU44	12-16d		1/2\"
< 2300	< 2300	ABU66	12-16d		1/2\"
< 2320	< 2320	ABU88	18 - 16d		2-5/8\"

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

2x6 SYP #2 GARAGE DOOR BUCK ATTACHMENT
ATTACH GARAGE DOOR BUCK TO STUD PACK AT EACH SIDE OF DOOR OPENING WITH 3/8\"/>

DOOR WIDTH	3/8\" x 4\" LAG	16d STAGGER	(2) ROWS OF 131\" x 3 1/4\" GN
8' - 10'	24\" O.C.	5\" O.C.	5\" O.C.
11' - 15'	18\" O.C.	4\" O.C.	4\" O.C.
16' - 18'	16\" O.C.	3\" O.C.	3\" O.C.



GARAGE DOOR BUCK INSTALLATION DETAIL
SCALE: N.T.S.

GENERAL NOTES:

TRUSSES: TRUSSES SHALL BE DESIGNED BY A FLORIDA LICENSED ENGINEER IN ACCORDANCE WITH THE FBCR 2004. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, PLACEMENT, LAGS, 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 TO 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 = 3000PSI.

WELDED WIRE REINFORCED SLAB: 6\" x 6\" W1.4 x W1.4, F_y = 80KSI, WELDED WIRE REINFORCEMENT FABRIC (W1.4) CONCRETE TO BE 4\" THICK LOCATED IN MIDDLE OF THE SLAB, SUPPORTED WITH APPROVED MATERIALS OR SUPPORTS AT SPACINGS NOT TO EXCEED 3'.

FIBER CONCRETE SLAB: CONCRETE SLABS ON GROUND CONTAINING SYNTHETIC FIBER REINFORCEMENT. FIBER LENGTH 1/2 INCH TO 3 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 W/M 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 ENCLOSE A GIVEN LINE IN THE SLAB TO CRACK ON A GIVEN LINE)

REBAR: ASTM A 615, GRADE 60, DEFORMED BARS, F_y = 60 KSI, ALL LAP SPICES 40\"/>

GLULAM BEAMS: GLULAM BEAM, GLB, 24F-V3SP, F_b = 2400, E = 1800ksi, UNO. SUPPLIER MAY SUPPLY AN ALTERNATE BEAM WITH EQUAL PROPERTIES OR MAY SUBMIT THEIR OWN DESIGN CALC. ROOF SHEATHING: ALL ROOFS ARE HORIZONTAL DIAPHRAGMS. 7/16\"/>

STRUCTURAL CONNECTORS: MANUFACTURERS AND PRODUCT CATALOG 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\"/>

WASHERS: WASHERS USED WITH 1/2\"/>

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

BUILDER'S RESPONSIBILITY

THE BUILDER AND OWNER ARE RESPONSIBLE FOR THE FOLLOWING, WHICH ARE SPECIFICALLY NOT PART OF THE WIND LOAD ENGINEER'S SCOPE OF WORK.

CONFIRM SITE CONDITIONS, FOUNDATION BEARING CAPACITY, GRADE AND BACKFILL HEIGHT, WIND SPEED AND DEBRIS ZONE, AND FLOOD ZONE.

PROVIDE MATERIALS AND CONSTRUCTION TECHNIQUES, WHICH COMPLY WITH FBCR 2004 REQUIREMENTS FOR THE STATED WIND VELOCITY AND DESIGN PRESSURES.

PROVIDE A CONTINUOUS LOAD PATH FROM TRUSSES TO FOUNDATION. IF YOU BELIEVE THE PLAN OMTS A CONTINUOUS LOAD PATH CONNECTION, CALL THE WIND LOAD ENGINEER IMMEDIATELY.

VERIFY THE TRUSS MANUFACTURER'S SEALED ENGINEERING INCLUDING TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS.

ROOF SYSTEM DESIGN

THE SEAL ON THESE PLANS FOR COMPLIANCE WITH FBCR 2004, SECTION R301.2.1 IS BASED ON REACTIONS, UPLIFTS, AND BEARING LOCATIONS IN TRUSS ENGINEERING SUBMITTED TO THE WIND LOAD ENGINEER. IT IS 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 FBC 2004 REQUIRED SYSTEM AS A WHOLE AND TO PROVIDE RESTRAINT FOR ANY LATERAL 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.

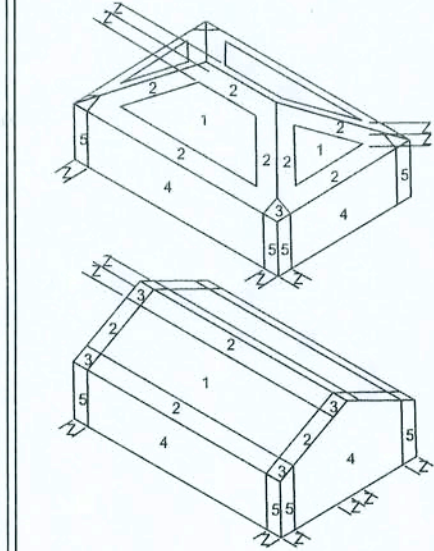
DESIGN DATA

WIND LOADS PER FLORIDA BUILDING CODE 2004 RESIDENTIAL, SECTION R301.2.1
(ENCLOSED SIMPLE DIAPHRAGM BUILDINGS WITH FLAT, HIPPED, OR GABLE ROOFS; MEAN ROOF HEIGHT NOT EXCEEDING LEAST HORIZONTAL DIMENSION OR 60 FT; NOT ON UPPER HALF OF HILL OR ESCARPMENT 60FT IN EXP. B, 30FT IN EXP. C AND >10% SLOPE AND UNOBSTRUCTED UPWIND FOR 50x HEIGHT OR 1 MILE WHICHEVER IS LESS.)

BUILDING IS NOT IN THE HIGH VELOCITY HURRICANE ZONE
BUILDING IS NOT IN THE HIGH VELOCITY HURRICANE ZONE

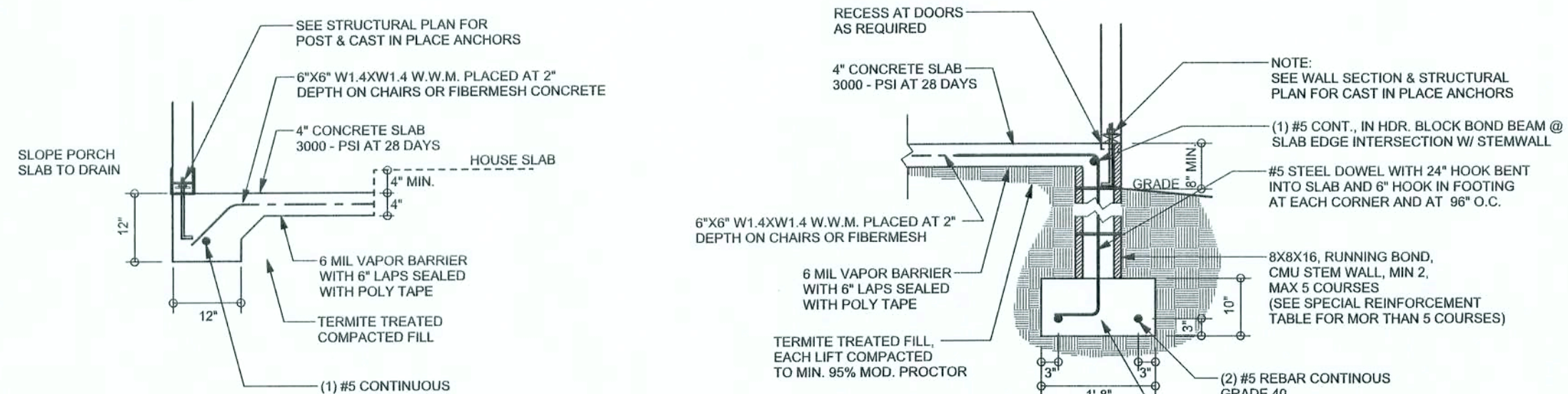
- 1.) BASIC WIND SPEED = 110 MPH
- 2.) WIND EXPOSURE = B
- 3.) WIND IMPORTANCE FACTOR = 1.0
- 4.) BUILDING CATEGORY = II
- 5.) ROOF ANGLE = 10-45 DEGREES
- 6.) MEAN ROOF HEIGHT = <30 FT
- 7.) INTERNAL PRESSURE COEFFICIENT = N/A (ENCLOSED BUILDING)
- 8.) COMPONENTS AND CLADDING DESIGN WIND PRESSURES (TABLE R301.2.2))

Zone	Effective Wind Area(A _E)	(ft ²)
1	19.9	21.8
2	19.9	25.5
3	19.9	25.5
4	21.8	23.8
5	21.8	29.1
6	21.8	29.1
7	21.8	29.1
8	21.8	29.1
9	21.8	29.1
10	21.8	29.1
11	21.8	29.1
12	21.8	29.1
13	21.8	29.1
14	21.8	29.1
15	21.8	29.1
16	21.8	29.1
17	21.8	29.1
18	21.8	29.1
19	21.8	29.1
20	21.8	29.1
21	21.8	29.1
22	21.8	29.1
23	21.8	29.1
24	21.8	29.1
25	21.8	29.1
26	21.8	29.1
27	21.8	29.1
28	21.8	29.1
29	21.8	29.1
30	21.8	29.1
31	21.8	29.1
32	21.8	29.1
33	21.8	29.1
34	21.8	29.1
35	21.8	29.1
36	21.8	29.1
37	21.8	29.1
38	21.8	29.1
39	21.8	29.1
40	21.8	29.1
41	21.8	29.1
42	21.8	29.1
43	21.8	29.1
44	21.8	29.1
45	21.8	29.1
46	21.8	29.1
47	21.8	29.1
48	21.8	29.1
49	21.8	29.1
50	21.8	29.1
51	21.8	29.1
52	21.8	29.1
53	21.8	29.1
54	21.8	29.1
55	21.8	29.1
56	21.8	29.1
57	21.8	29.1
58	21.8	29.1
59	21.8	29.1
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70	21.8	29.1
71	21.8	29.1
72	21.8	29.1
73	21.8	29.1
74	21.8	29.1
75	21.8	29.1
76	21.8	29.1
77	21.8	29.1
78	21.8	29.1
79	21.8	29.1
80	21.8	29.1
81	21.8	29.1
82	21.8	29.1
83	21.8	29.1
84	21.8	29.1
85	21.8	29.1
86	21.8	29.1
87	21.8	29.1
88	21.8	29.1
89	21.8	29.1
90	21.8	29.1
91	21.8	29.1
92	21.8	29.1
93	21.8	29.1
94	21.8	29.1
95	21.8	29.1
96	21.8	29.1
97	21.8	29.1
98	21.8	29.1
99	21.8	29.1
100	21.8	29.1

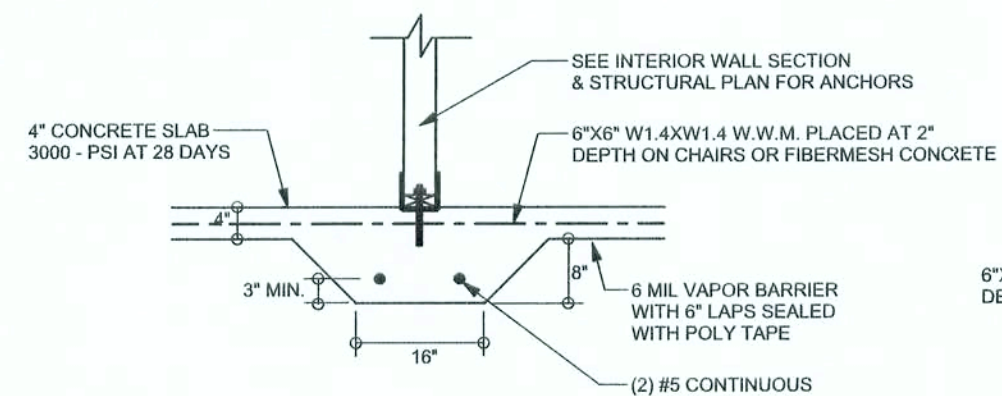


REVISIONS	

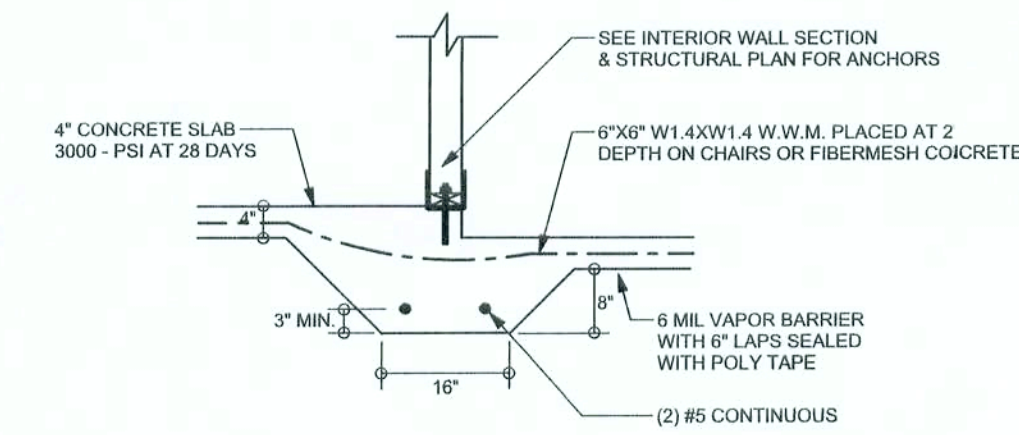
SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



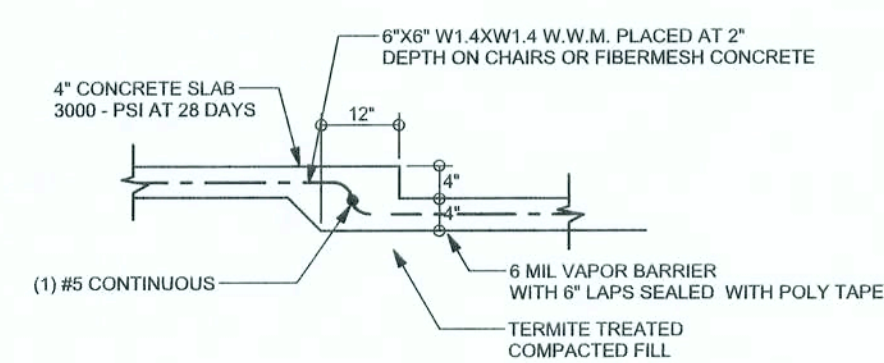
F5
S-2 **PORCH FOOTING**
SCALE: 1/2" = 1'-0"



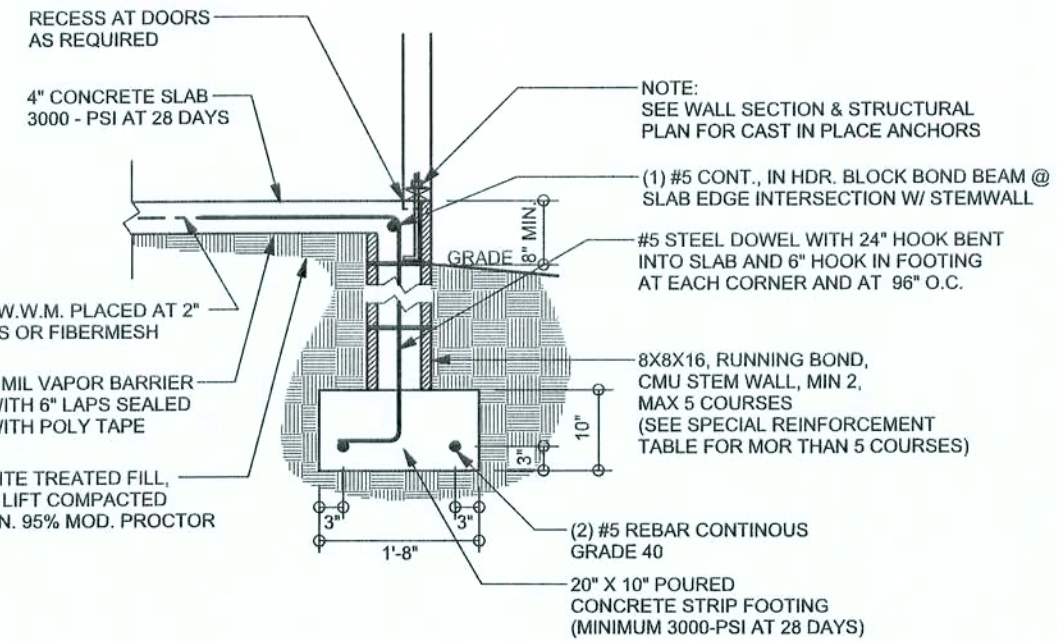
F2
S-2 **INTERIOR BEARING FOOTING**
SCALE: 1/2" = 1'-0"



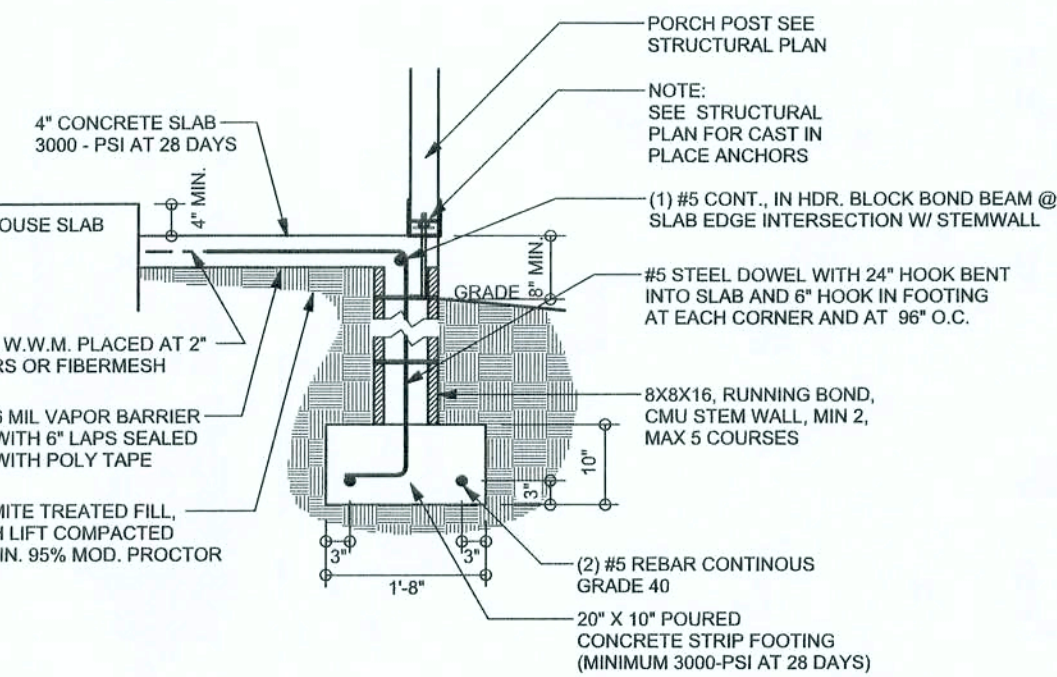
F3
S-2 **INTERIOR BEARING STEP FOOTING**
SCALE: 1/2" = 1'-0"



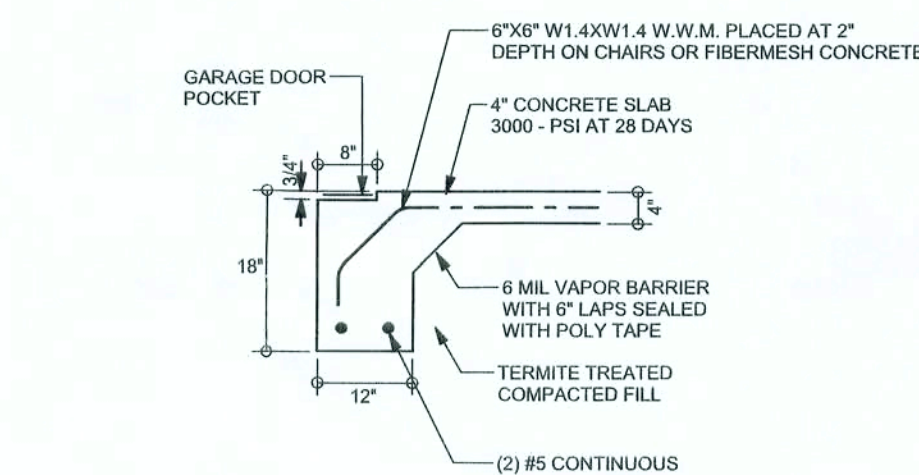
F6
S-2 **TYPICAL NON-BEARING STEP FOOTING**
SCALE: 1/2" = 1'-0"



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



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

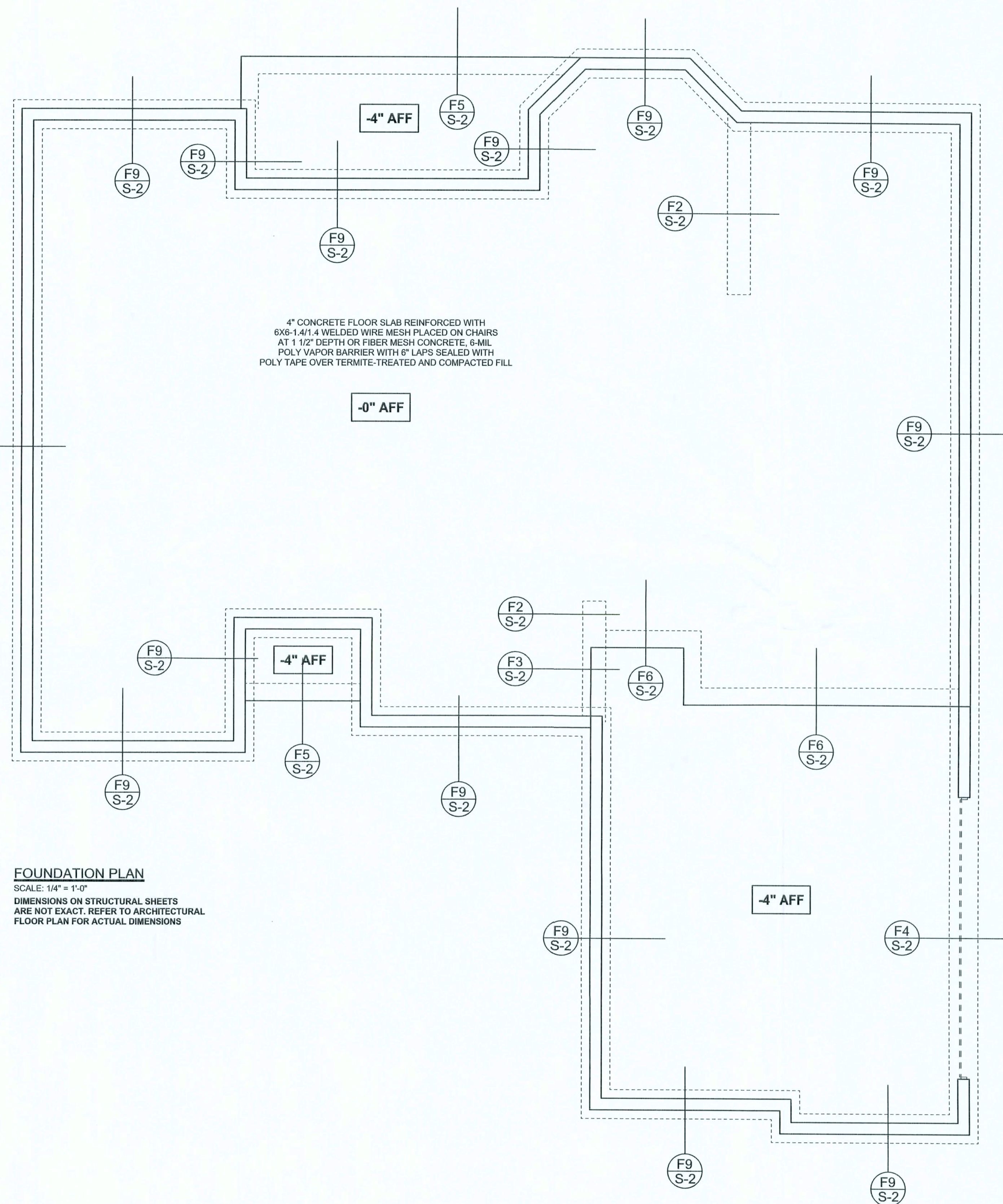


F4
S-2 **ALT. STEM WALL GARAGE DOOR FOOTING**
SCALE: 1/2" = 1'-0"

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 9' high, add Diagonal ladder reinforcement at 18" O.C. 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.

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



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,
P.E. No. 53915, P.O. Box 888, 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 F301.2.1, Florida building
code residential 2004, to the best of my
knowledge.

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

MARK DISOSWAY
P.E. 53915

Mark Disosway
SEAL

Isaac Construction

Spec House
Lot 51 Emerald Cove S/D

ADDRESS:
Lot 51 Emerald Cove S/D
Columbia County, Florida

Mark Disosway P.E.
P.O. Box 888
Lake City, Florida 32056
Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
December 01, 2006

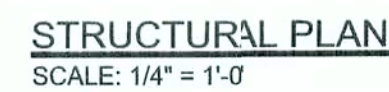
DRAWN BY: STRUCTURAL BY:
David Disosway

FINALS DATE:
01 / Dec / 06

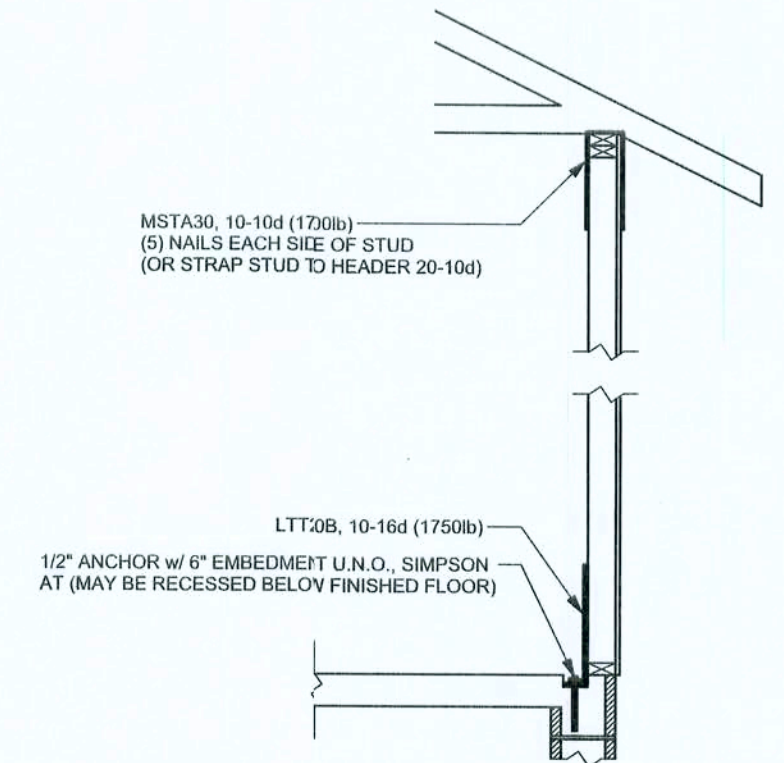
JOB NUMBER:
611152

DRAWING NUMBER
S-2

OF 3 SHEETS



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 BC51-03, BC51-B1, BC51-B2, & BC51-B3. BC51-B4, BC51-B5, BC51-B6, & BC51-B7 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE



ALTERNATE WALL TIE CONNECTION WHERE
THREADED ROD CANNOT BE PLACED IN WALL.

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

<p>SWS = 0.0'</p>	<p>1ST FLOOR EXTERIOR WALL</p>
<p>SWS = 0.0'</p>	<p>2ND FLOOR EXTERIOR</p>
<p>IBW</p>	<p>1ST FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1</p>
<p>IBW</p>	<p>2ND FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1</p>

● INDICATES LOCATION OF:
1ST FLOOR 1/2" A307 ALL THREADED ROD

⊗ INDICATES LOCATION OF:
2ND FLOOR 1/2" A307 ALL THREADED ROD

The diagram shows a rectangular label with the text "(2) 2X12X0', 1J 1K". Arrows point from various parts of the label to descriptive text:

- An arrow points from the entire label to "HEADER/BEAM CALL-OUT (U.N.O.)".
- An arrow points from the number "2" to "NUMBER OF KING STUDS (FULL LENGTH)".
- An arrow points from the "X" after the first "2" to "NUMBER OF JACK STUDS (UNDER HEADER)".
- An arrow points from the "0'" to "SPAN OF HEADER".
- An arrow points from the "1J" to "SIZE OF HEADER MATERIAL".
- An arrow points from the "1K" to "NUMBER OF PLIES IN HEADER".

	REQUIRED	ACTUAL
TRANSVERSE	38.5'	96.5'
LONGITUDINAL	35.6'	46.0'

CONNECTIONS, WALL, & HEADER DESIGN IS BASED
ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING
FURNISHED BY BUILDER. ANDERSON TRUSS
JOB #6-400

WINDLOAD ENGINEER: Mark Discowsky, P.E.
No. S-9315, POB 808, Lake City, FL
32056, 386-594-0419

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

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Mark Discowsky, P.E. hereby expressly reserves
its common law copyrights 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 Discowsky.

CERTIFICATION: I hereby certify that I have
examined this plan, and that I appreciate
the portions of the plan, relating to wind engineering
conform with section 903.1 of the Florida building
code residential 2004, to the best of my
knowledge.

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

MARK DISCOWSKY
P.E. S-9315

SEAL

DRAWING NUMBER
S-3
OF 3 SHEETS



FRONT ELEVATION
SCALE: 1/4" = 1'



REAR ELEVATION
SCALE: 1/4" = 1'

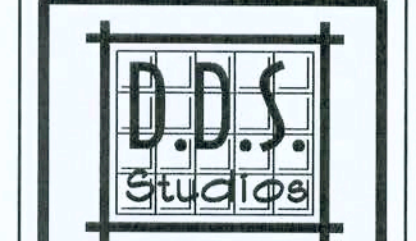


RIGHT ELEVATION
SCALE: 1/4" = 1'



LEFT ELEVATION SCALE: 1/4" = 1'

September 01, 2006



D.D.S. STUDIOS
P.O. Box 213
Lake City, FL 32056
(386) 754-0181

A SPEC HOUSE BY ISAAC CONSTRUCTION:

THE MORICE

LOT 51, EMERALD COVE

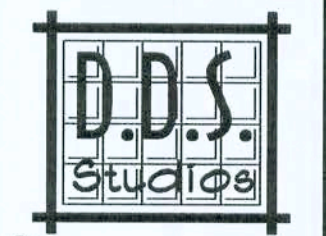
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EXTERIOR ELEVATIONS

SHEET NUMBER
1 of 3

All work shall comply with the standard building code, and all applicable local codes and ordinances.
Contractor shall verify all dimensions prior to commencing construction.

September 01, 2006



D.D.S. STUDIOS
P.O. Box 273
Lake City, FL 32056
(386) 784-0181

A SPEC HOUSE BY ISAAC CONSTRUCTION:

THE MORICE

LOT 51, EMERALD COVE

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FLOOR PLAN

TYPICAL WALL SECTION

SHEET NUMBER
2 of 3

All work shall comply with the standard building code, and all applicable local codes and ordinances.
Contractor shall verify all dimensions prior to commencing construction.

- SEE PLANS FOR WALL HEIGHTS
- GAF-TIMBERLINE SHINGLES W/ 4-NAILS IN EACH SHINGLE STRIP ON 30-LB FELT PAPER OVER 1/16" ORIENTED STRAND BOARD ROOF SHEATHING W/ 1/31 8d COMMON # 4" x 8" O.C.
 - FLASHING: 26 ga. GALVANIZED STEEL
 - PRE-ENGINEERED WOOD ROOF TRUSSES AT 24" O.C. (SELECT TRUSS CONNECTORS PER WINDLOAD ANALYSIS)
 - BLOW-IN INSULATION EQUAL TO R-30
 - (2) 2X4 SYP DOUBLE TOP PLATE
NOTE: SEAL ALL PENETRATIONS IN TOP PLATE AND FIRE STOP BLOCKING WITH CODE APPROVED SEALANT
 - 2x6 SYP #2 FASCIA
 - ALUMINUM DRIP EDGE MOLDING, AND VENTED SOFFIT
 - INTERIOR FINISH - 1/2" GYPSUM WALLBOARD
 - 2X4 #2 SPF PRECUT STUDS AT 16" O.C. WITH FULL-THICK FIBERGLASS INSULATION EQUAL TO R-11
 - EXTERIOR FINISH TO BE HARD-PLANK LAP SIDING
 - 7/16" O.S.B. WALL SHEATHING (BLOCK ALL EDGES) W/ 1/31 8d COMMON # 3" x 8" O.C.
 - FLOORING AND INTERIOR TRIM PER SPECIFICATIONS
 - 4" CONCRETE FLOOR SLAB REINFORCED WITH 6X6-1/4/1/4 WELDED WIRE MESH EMBEDDED 2" IN SLAB OR FIBER MESH ON 6 MIL POLY VAPOR BARRIER (6" LAPS SEALED WITH POLY TAPE) OVER COMPACTED FILL TREATED WITH TERMITICIDE
 - 2 x 4 P.T. PINE SOLE PLATE ANCHORED WITH WITH ANCHOR BOLTS AS PER WINDLOAD ANALYSIS
 - 1-#5, CONTINUOUS, IN CONCRETE BOND BEAM AT SLAB EDGE INTERSECTION WITH STENWALL
 - APPROXIMATE FINISH GRADE

TYPICAL WALL SECTION
SCALE: 1" = 1'0"

