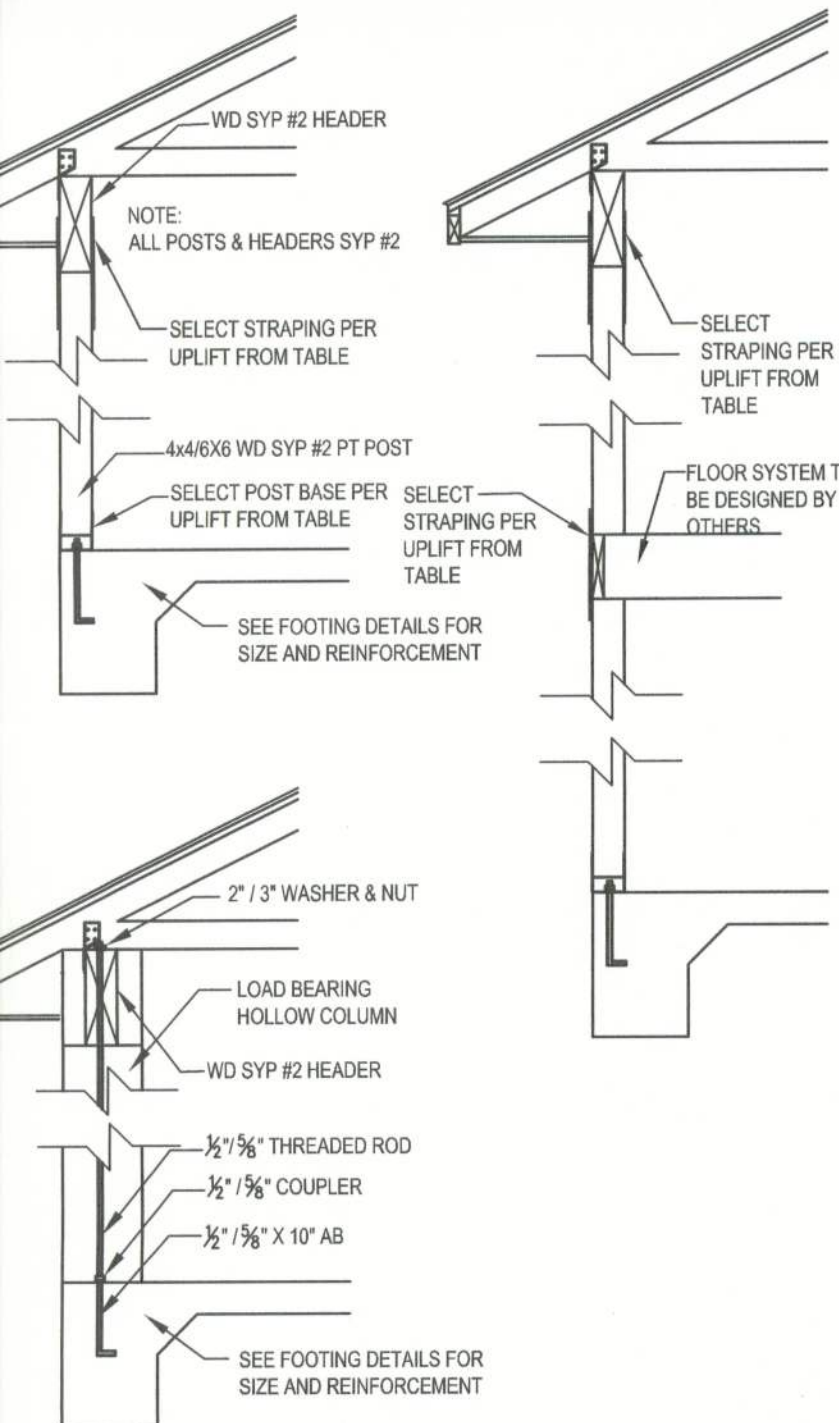


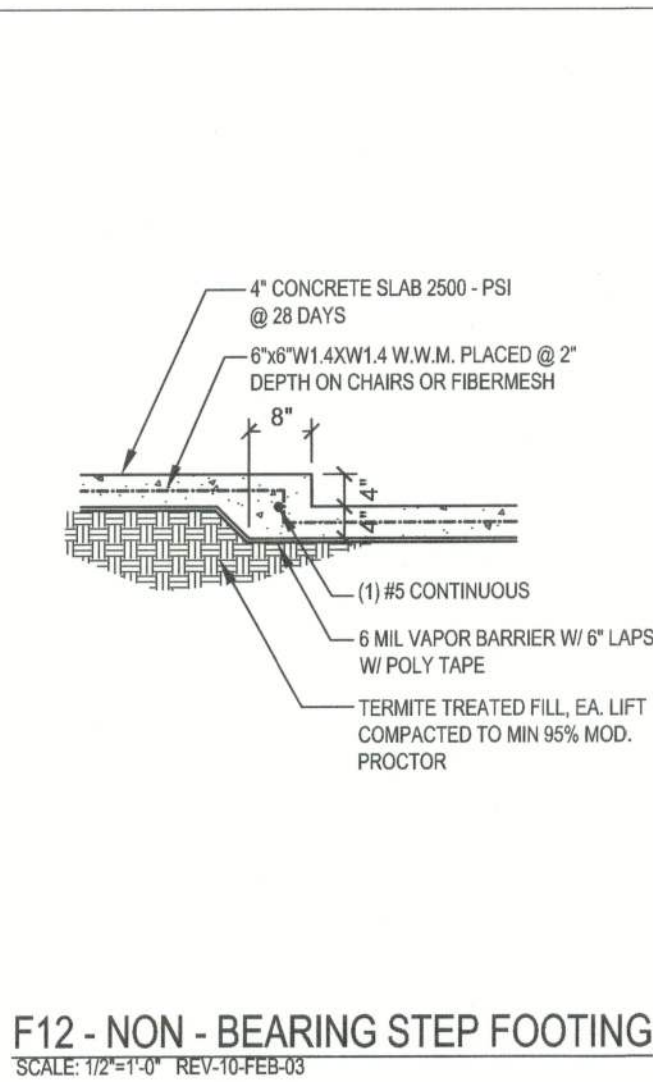
TYPICAL TRUSS UPLIFT & MAX 18\"/>

W1 - SINGLE STORY EXT. WALL SECTION
SCALE: 1/2\"/>

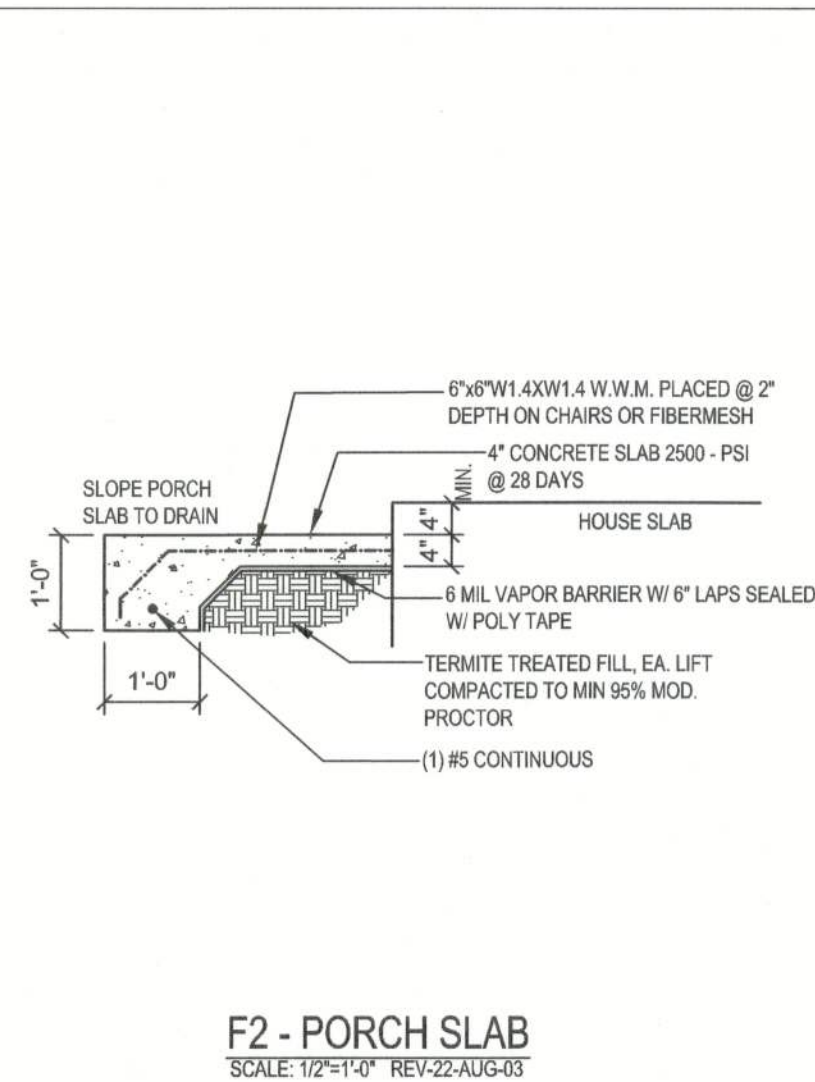


TYPICAL TRUSS UPLIFT & MAX 18\"/>

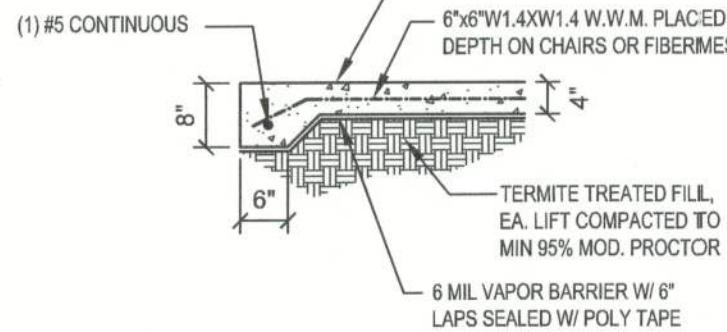
W12 - PORCH HEADER ANCHORS
SCALE: 1/2\"/>



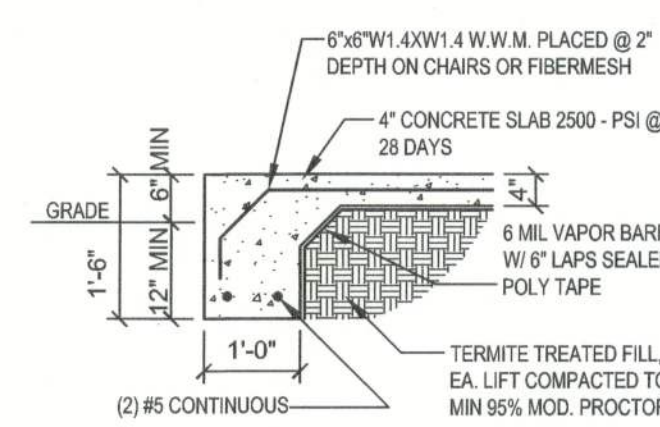
F12 - NON-BEARING STEP FOOTING
SCALE: 1/2\"/>



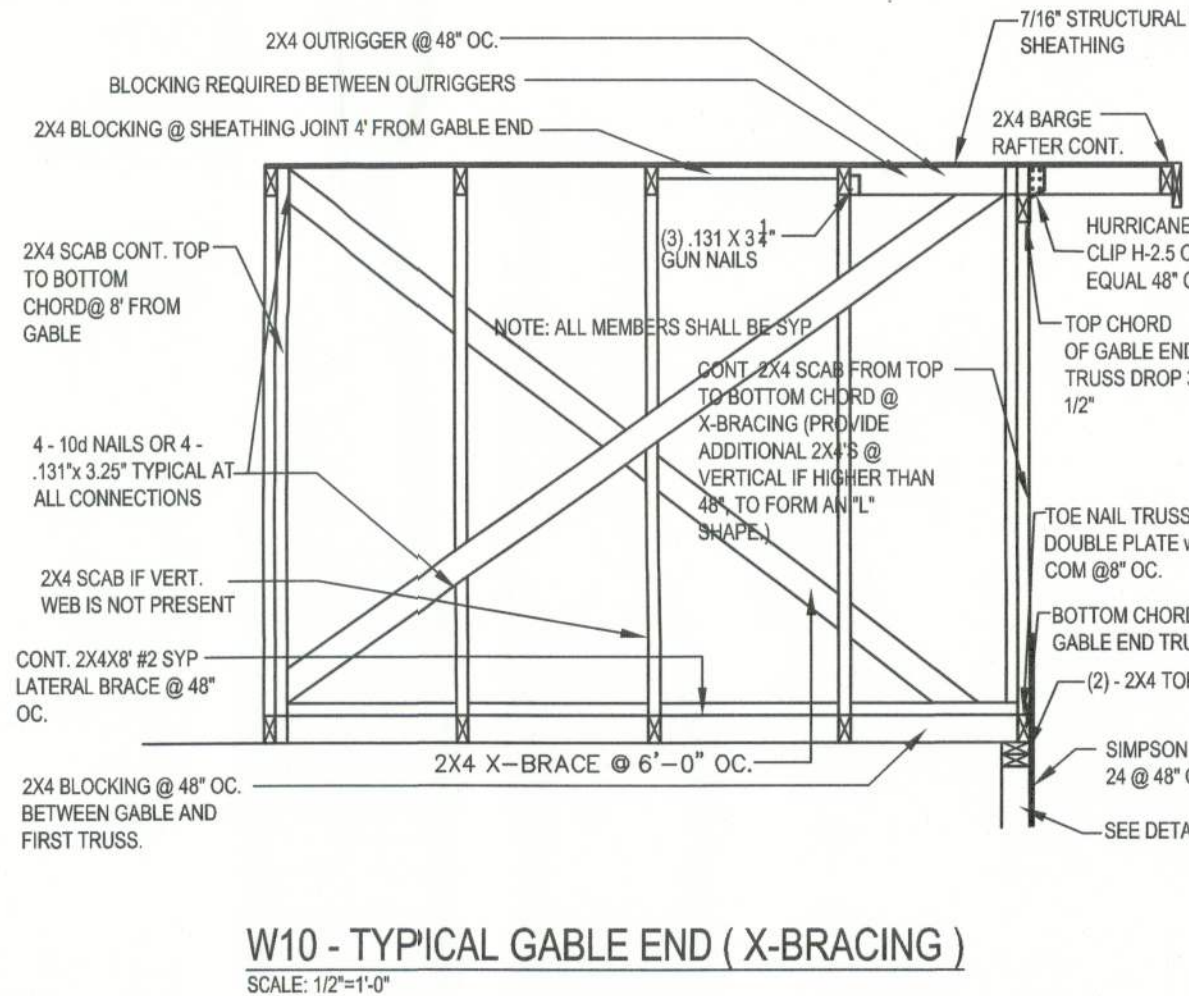
F2 - PORCH SLAB
SCALE: 1/2\"/>



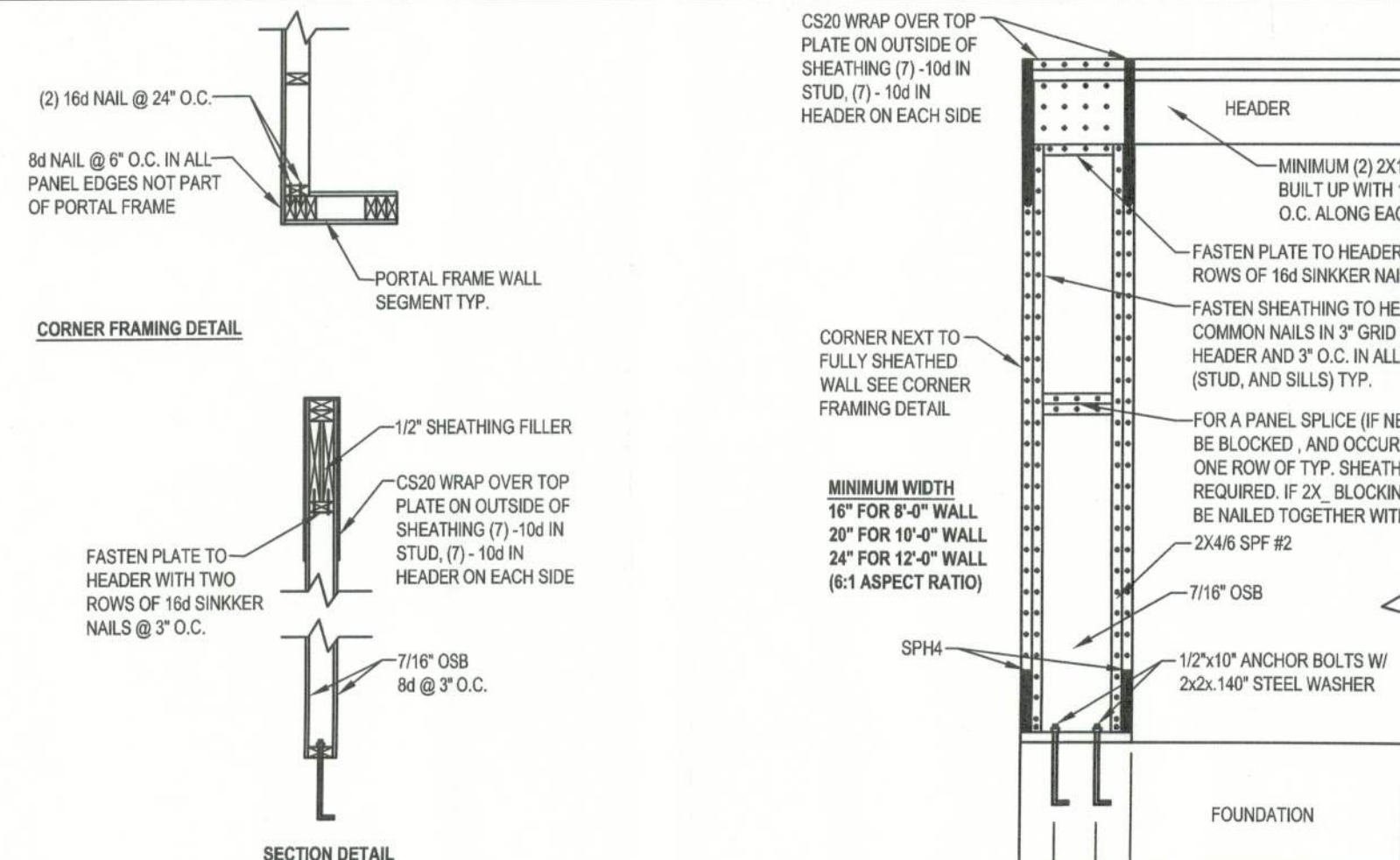
F13 - NON-BEARING THICKENED SLAB EDGE
SCALE: 1/2\"/>



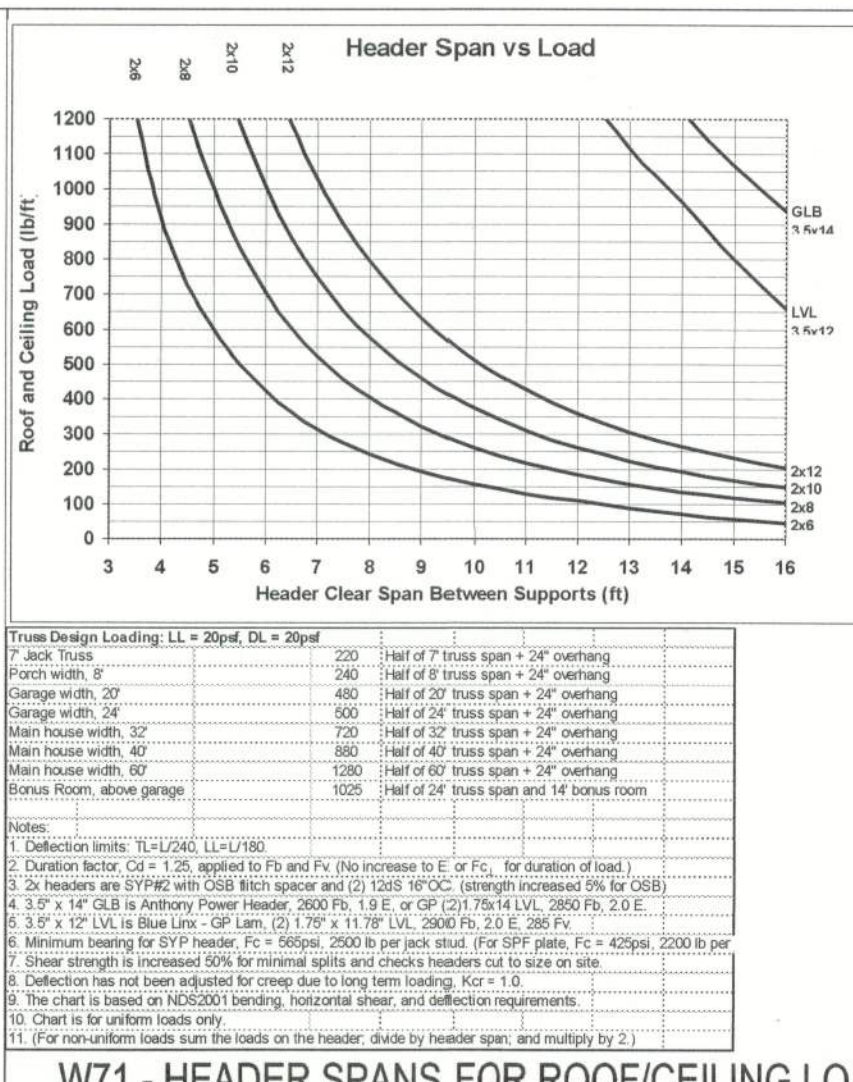
F6 - MONOLITHIC FOOTING
SCALE: 1/2\"/>



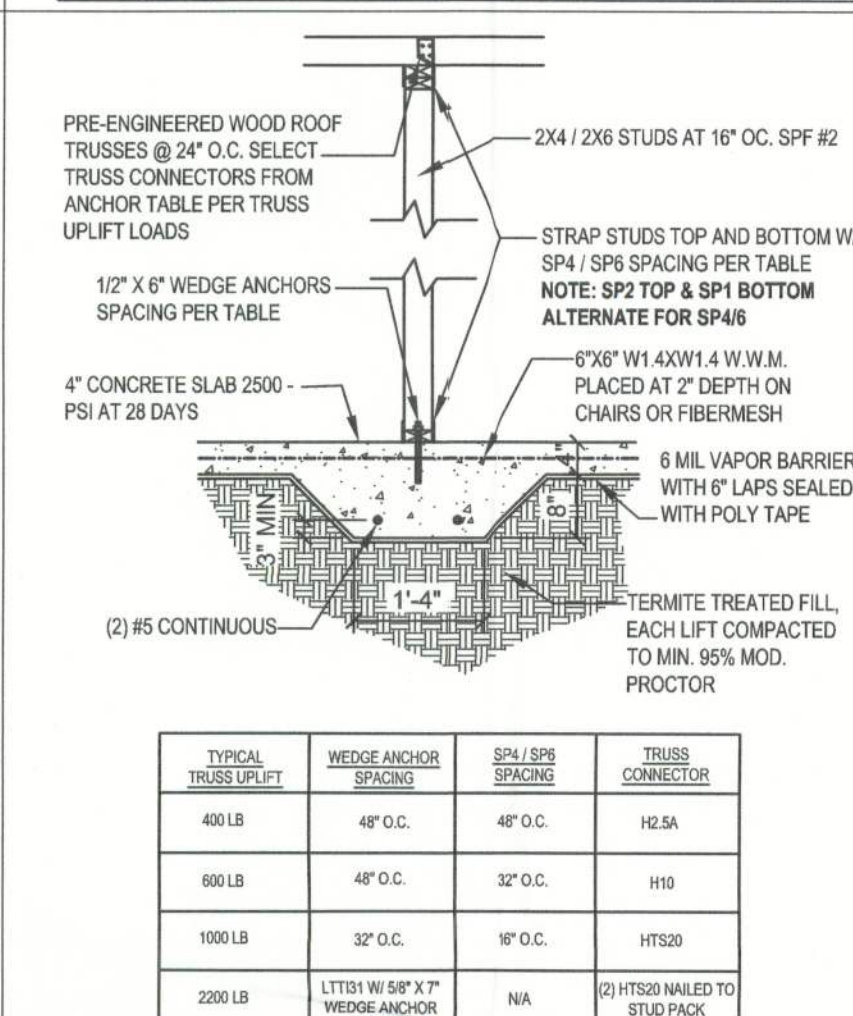
W10 - TYPICAL GABLE END (X-BRACING)
SCALE: 1/2\"/>



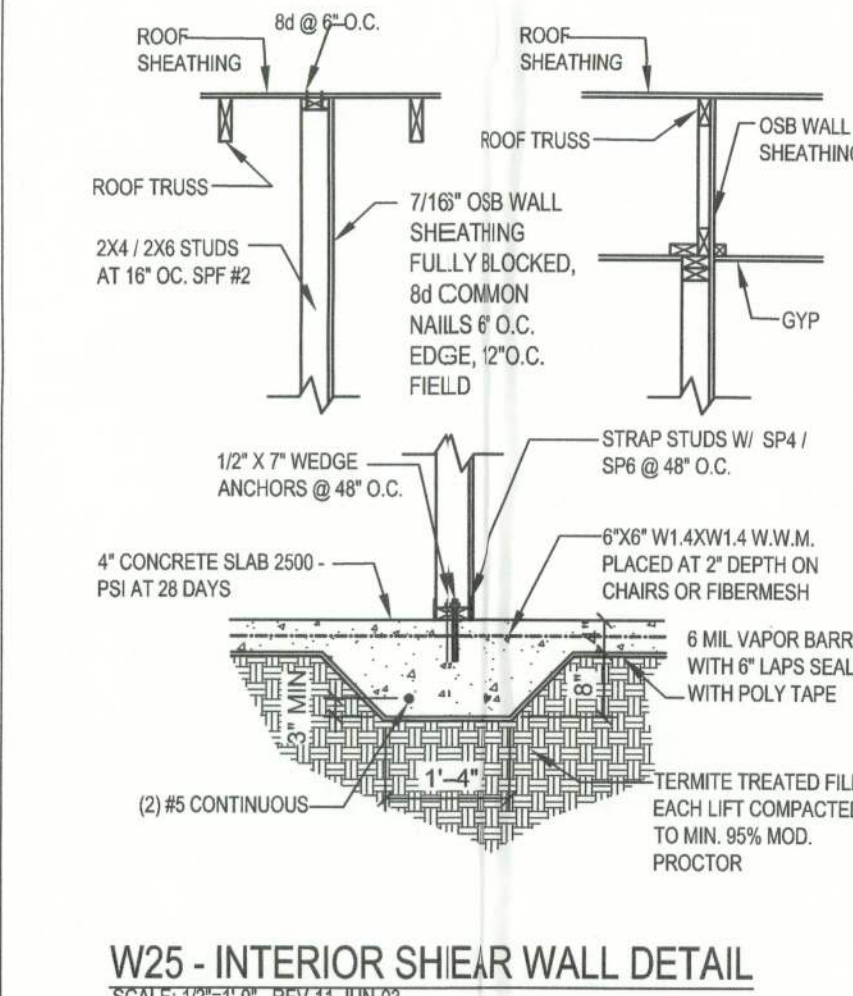
W37 - GARAGE DOOR SHEARWALL DETAIL
SCALE: 1/2\"/>



W71 - HEADER SPANS FOR ROOF/CEILING LOAD



F4 - INTERIOR BEARING FOOTING
SCALE: 1/2\"/>

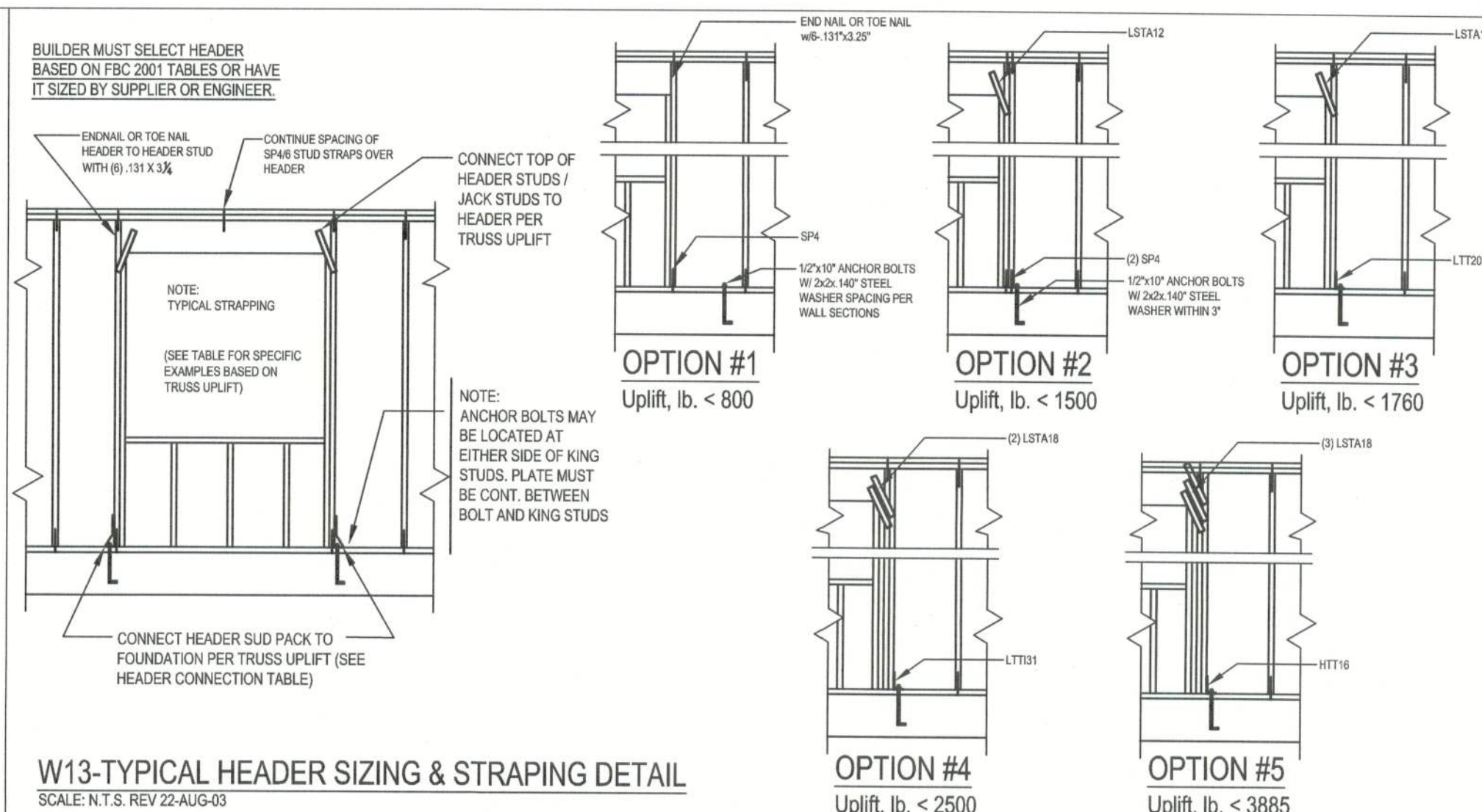


W25 - INTERIOR SHEAR WALL DETAIL
SCALE: 1/2\"/>

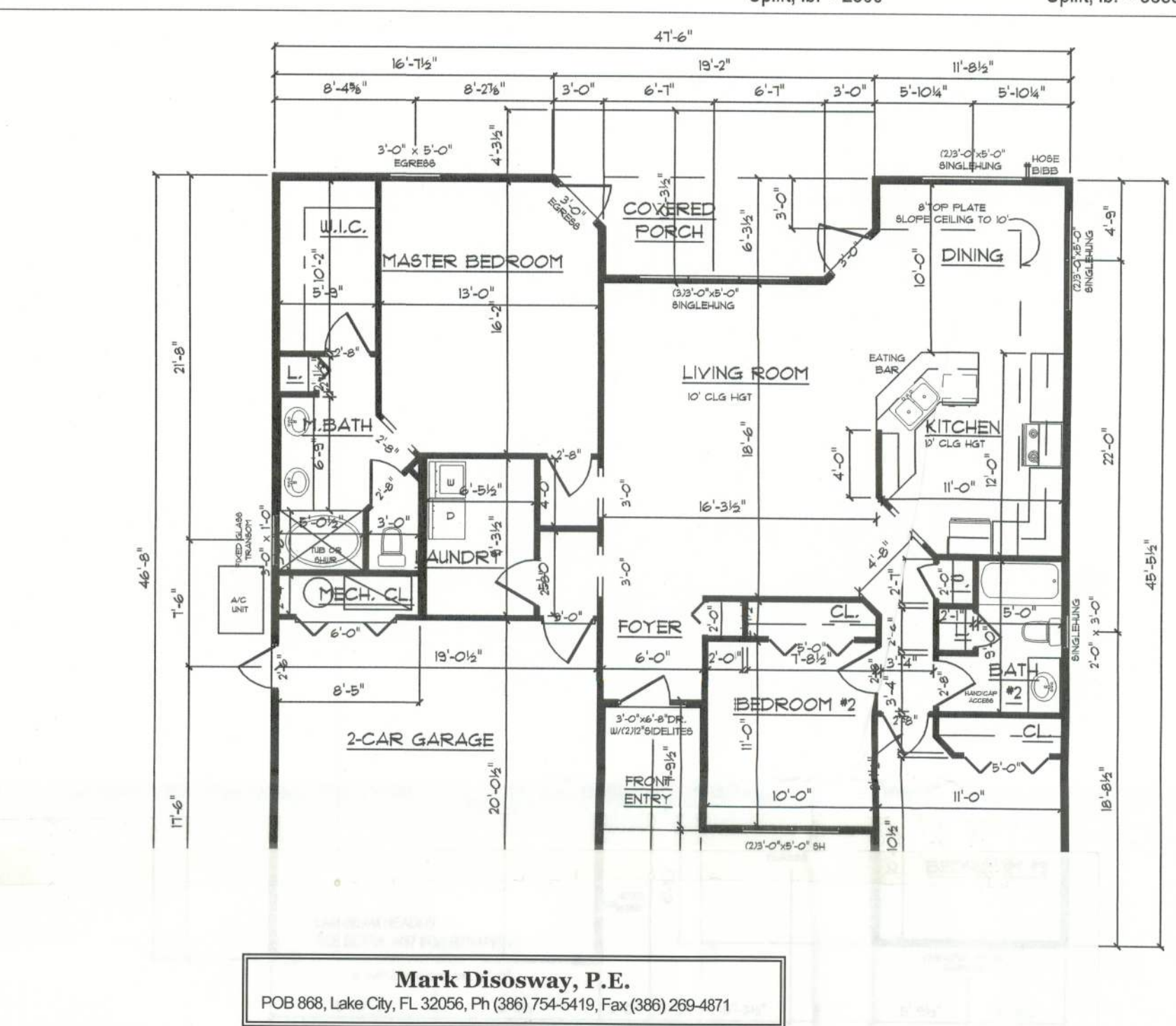
N5 - TRUSS UPLIFT CONNECTOR TABLE				REV:25-AUG-03
All connectors are Simpson Strongtie, unless noted. See detail and bottom connections from this table or SST catalog to meet truss type. Use fasteners as specified.				
Uplift SPF	Uplift SYP	Truss Connector	To Plate	To Truss / Rafter
320	455	H3	4-8d	4-8d
245	350	H5A	3-8d	3-8d
535	600	H2.5A	5-8d	5-8d
620	720	H10	6-10d1 1/2"	6-10d1 1/2"
850	890	LT512	8-8d1 1/2"	8-8d1 1/2"
1245	1450	HT520	10-10d or 12-10d1 1/2"	10-10d or 12-10d1 1/2"
1265	1470	H16, H16-2	10-10d1 1/2"	10-10d1 1/2"
1785	2050	LD12	14-10d1 1/2"	14-10d1 1/2"
3655	4200	MG1	3/4" Thd Rod	22-16d
SPF	SYP	Strap Connector	To C Member	To Other Member
760	885	SP4	6-10d1 1/2"	N/A
865	1005	CS20	5-8d cor1-10d	7-8d or 7-10d
1085	1265	LT18-24	7-10d	9-10d
1170	1350	SPH4	12-10d1 1/2"	9-10d
1420	1650	CS16	14-8d or 11-10d	14-8d or 11-10d
SPF	SYP	Column Anchor	To Foundation	To Column / Truss
1160	1350	LT119	3/4" x 16" AB	8-16d Sinkers
1985	2310	LT131	3/4" x 16" AB	16-10d 1 1/2"
2385	2775	H02A	3/4" x 16" AB	2 1/2" Bolts
3590	4175	HT116	3/4" x 16" AB	18-16d
1975	2300	ABU6	3/4" x 16" AB	12-16d

Notes Supporting Trusses: The fabricator is responsible for girth-locks, but you should put an extra 2nd stud under truss bearing for each 3000 lb of reaction. Check the minimum bearing requirements of the truss and plate type (SPF: For C2524+223030s).

Manufacturer and product number are listed for example not limitation. An equivalent device of the same or other manufacturer's construction may be devised (listed in the manufacturer's catalog) and is needed the required test capacities. Manufacturer's installation instructions must be followed to achieve rated loads. All connectors exposed directly to the weather shall be hot dip galvanized for corrosion protection. Loads are increased for 10% for 10' or less and 20% for 10' or more. Number of fasteners = number of holes. See spec sheet for alternate nail sizes (10d1-8d1 1/2", 10d1-8d1 1/2", 10d1-10d1 1/2",



W13-TYPICAL HEADER SIZING & STRAPING DETAIL
SCALE: N.T.S. REV-22-AUG-03



November 09, 2005

Building Department

Re: Cornerstone Development / Zecher Bryan, The Samuel Model, Lot # 30 Country Side Estates S/D Lake City, Florida

Dear Building Official:

Please accept this letter as addendum to the plans for the above referenced house to change all references to FBC 2001 to FBC 2004.

- The plan was drawn prior to the effective date for FBC 2004, 01 October 2005.
- Since the wind load requirements of FBC 2004 remain basically unchanged from FBC 2001 there are no structural changes required to this plan.

Mark Disosway
09/20/05

Mark Disosway, PE
Florida Registered Professional Engineer

Cc Cornerstone Development / Zecher Bryan

Project No. 510032 FBC2004 Addendum Page 1 of 1

Mark Disosway
Florida P.E. No.53915

Option #	Uplift, lb.	Top Connector	Bottom Connector
#1	< 800	End nail or toe nail w/6-131x3.25"	SP4, 6-10d1 1/2"
#2	< 1500	LSTA12, 10-10d	755 (2) SP4, 6-10d1 1/2"
#3	< 1750	LSTA18, 14-10d	1055 LTT208, 10-10d 1/2" AB
#4	< 2500	(2) LSTA18, 14-10d	2110 LTT01, 18-10d 1/2" AB
#5	< 3885	(3) LSTA18, 14-10d	3480 HTT16, 18-16d 1/2" AB

W13-TYPICAL HEADER SIZING & STRAPING DETAIL

N2-GENERAL NOTES:

CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE $F_c = 3000$ PSI.

FABRIC (W.W.M.) CONFORMING TO ASTM A185; 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 LENGTHS SHALL BE 12 INCH TO 2 INCHES IN LENGTH. DOSAGE AMOUNTS SHALL BE FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. SYNTHETIC FIBERS SHALL COMPLY WITH ASTM C1116. THE MANUFACTURER OR SUPPLIER SHALL PROVIDE CERTIFICATION OF COMPLIANCE WITH ASTM C1116 WHEN REQUESTED BY THE 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 SPACINGS OF CUTS TO BE 12FT. DO NOT CUT W.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 ENCOURAGE THE SLAB TO CRACK ON A GIVEN LINE.)

REBAR: ASTM A 615, GRADE 40, DEFORMED BARS, $F_y = 40$ KSI. ALL LAPS SPICES 40" DB (25" FOR #5 BARS); UNO. ALL REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 315-95 WITH ACI 315-95 UNLESS NOTED OTHERWISE. ALL TENSION DEVELOPMENT LENGTHS SHALL BE 25 INCHES.

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" x 2" x 9/64"; WITH 5/8" BOLTS TO BE 3" x 3" x 9/64"; WITH 3/4" BOLTS TO BE 3" x 3" x 9/64"; WITH 7/8" BOLTS TO BE 3" x 3" x 5/16"; NO.

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

REV-22-AUG-03

WINDLOAD ENGINEERING

"EVERYTHING YOU NEED FOR YOUR BUILDING PERMIT"

Mark Disosway P.E.

POB 868, Lake City, FL 32056 Phone: (386) 754-5419
Fax: (386) 754-6749 Email: windloadengineer@bellsouth.net

Location: Lot # 30, Country Side Estates S/D, Lake City, Florida

The Samuel Model

Builder: Bryan Zecher Construction

Designer: Teena Ruffo

Approved: FLPER63915 Revisions:

Sheet S-1 of 2 Sheets

Windload Engineering

Job # 510032

REV-06-OCT-03