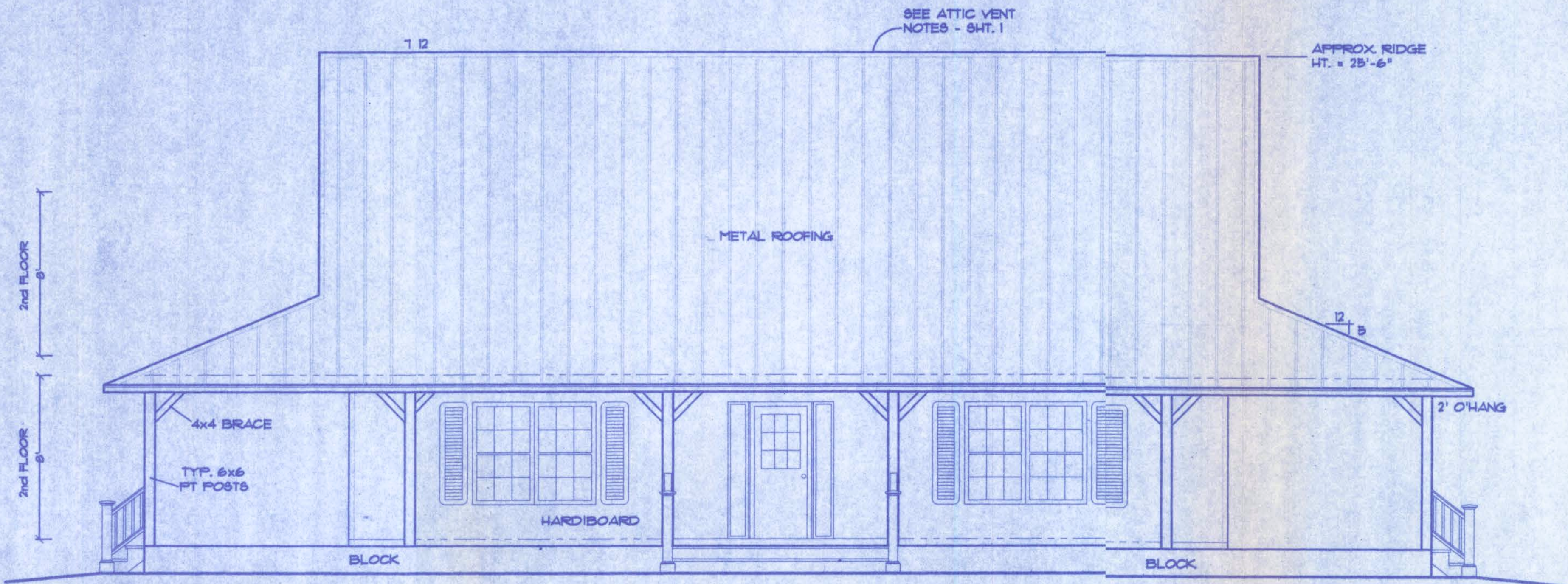
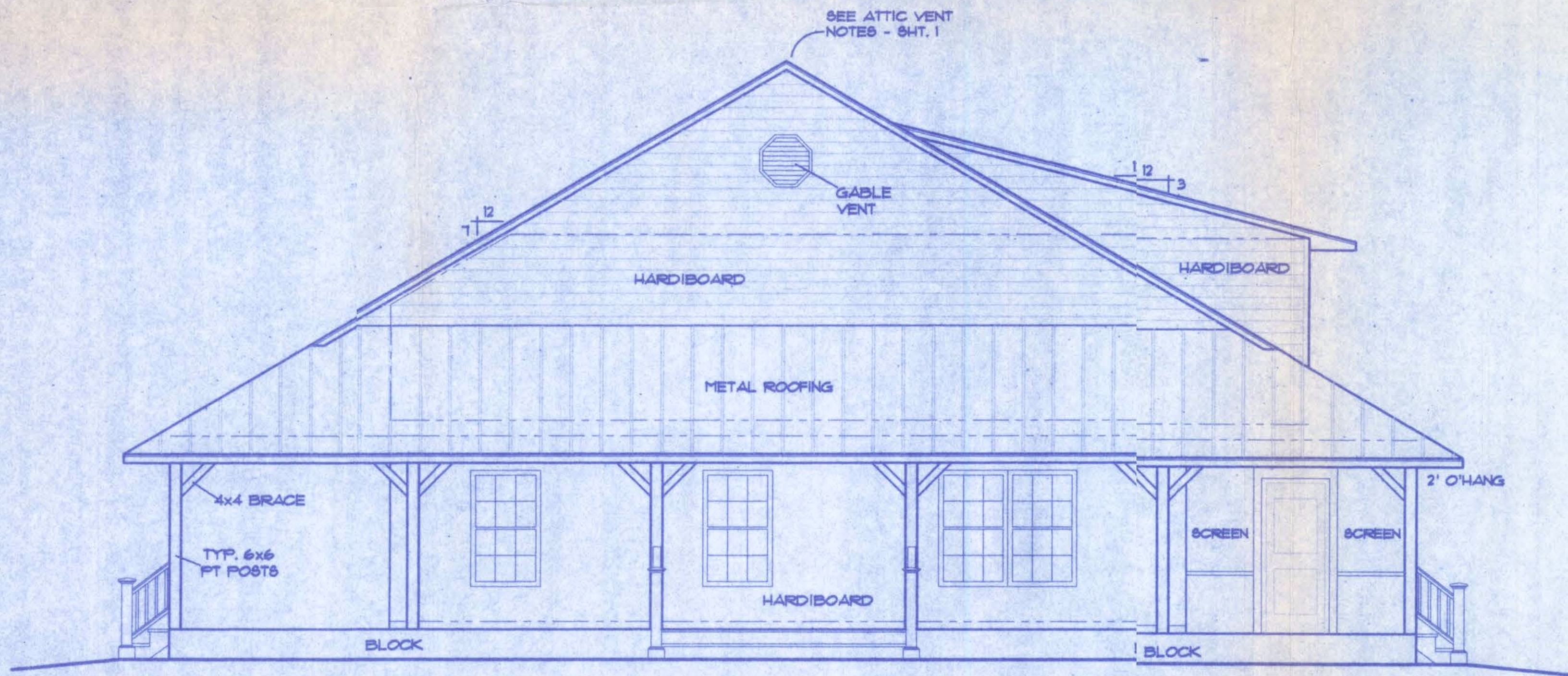


Williams Residence



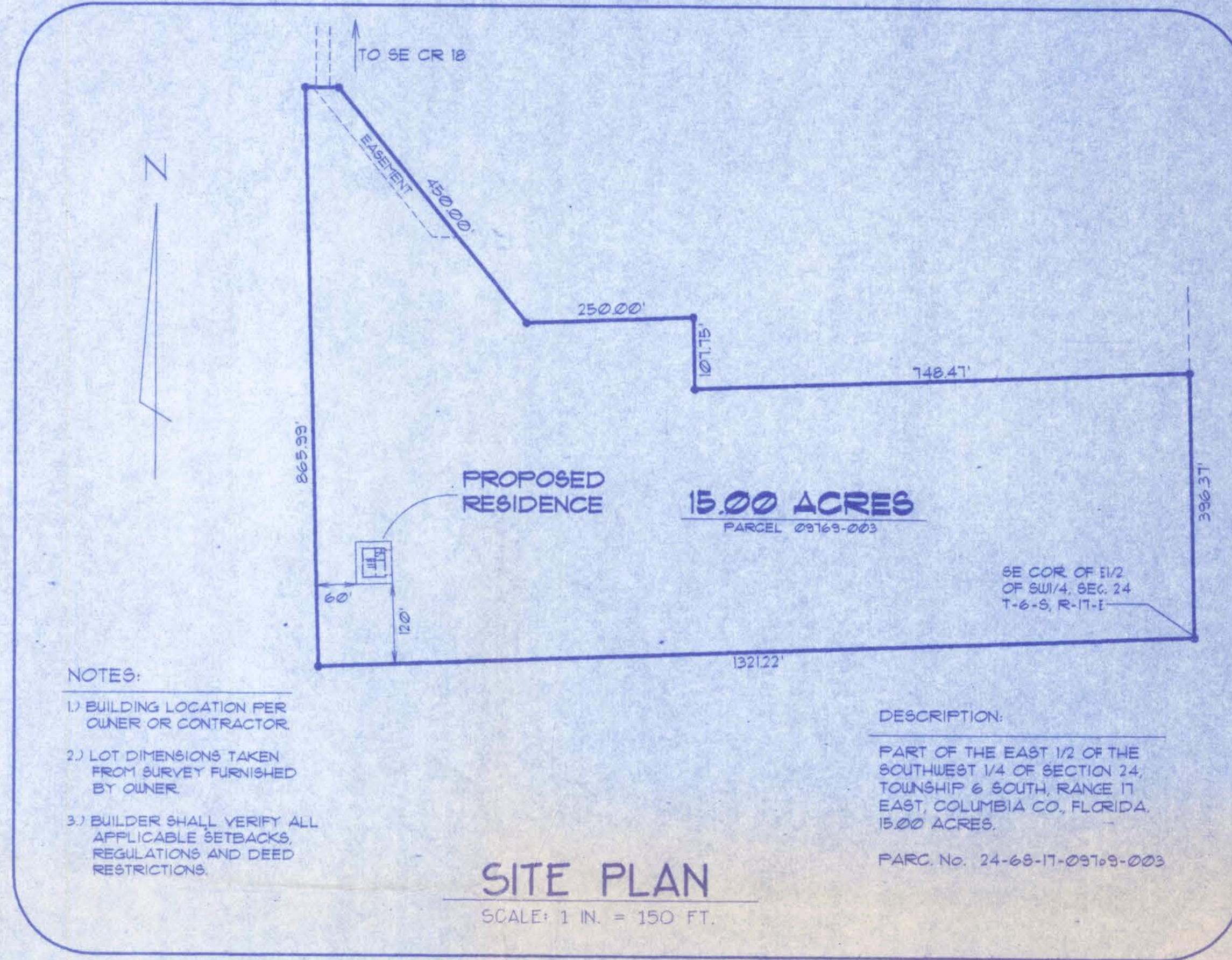
FRONT ELEVATION

SCALE: 1/4 IN. = 1 FT



RIGHT ELEVATION

SCALE: 1/4 IN. = 1 FT



Index to Sheets

SHEET A-1 - - - - - ELEVATIONS
+ SITE PLAN

SHEET A-2 - - - - - ELEVATIONS
+ GEN. NOTES

SHEET A-3 - - - - - FLOOR PLAN

SHEET A-4 - - - - - FOUNDATION
+ SECTIONS

SHEET A-5 - - - - - ELECTRICAL

SHEET S-1 - - - - - WIND ENGINEERING

A-1

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

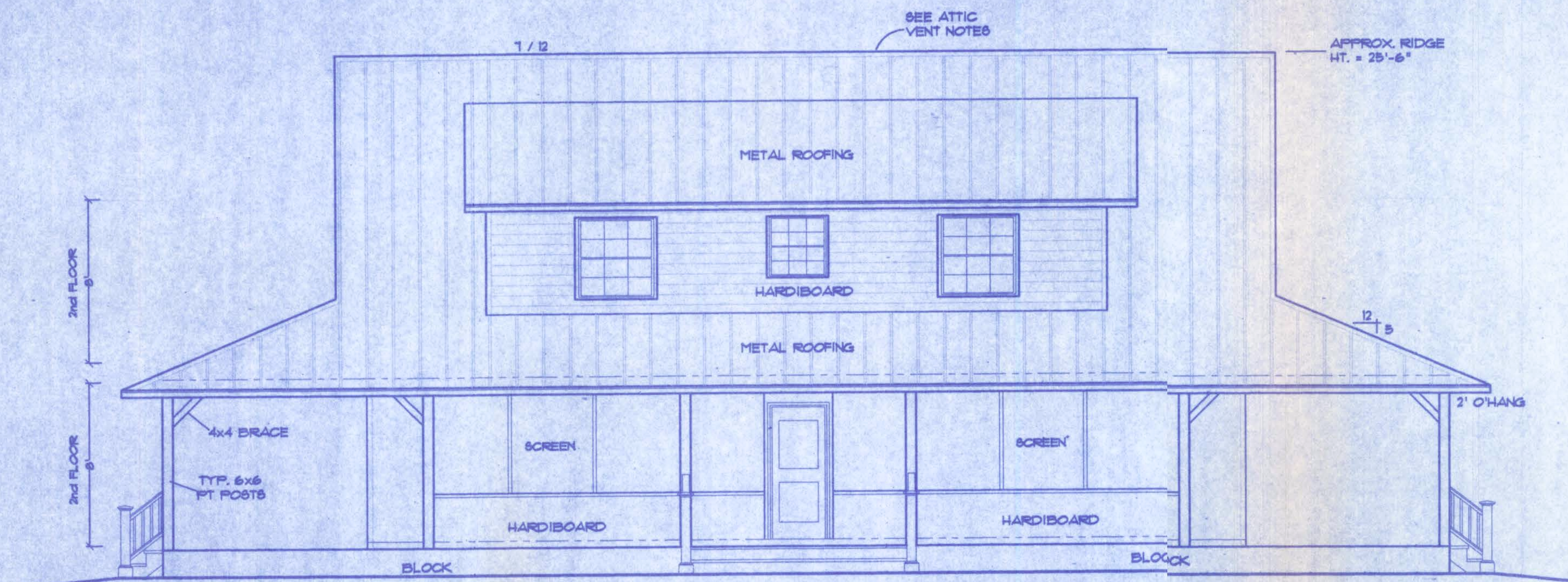
CERTIFICATION: These plans and "Windload Engineering", Sheet S-1, attached, comply with Florida Building Code Residential 2004, Section R301.2.1 to the best of my knowledge.

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.

Location: SE CO. ROAD 18
LAKE CITY, FL Job No.: 100

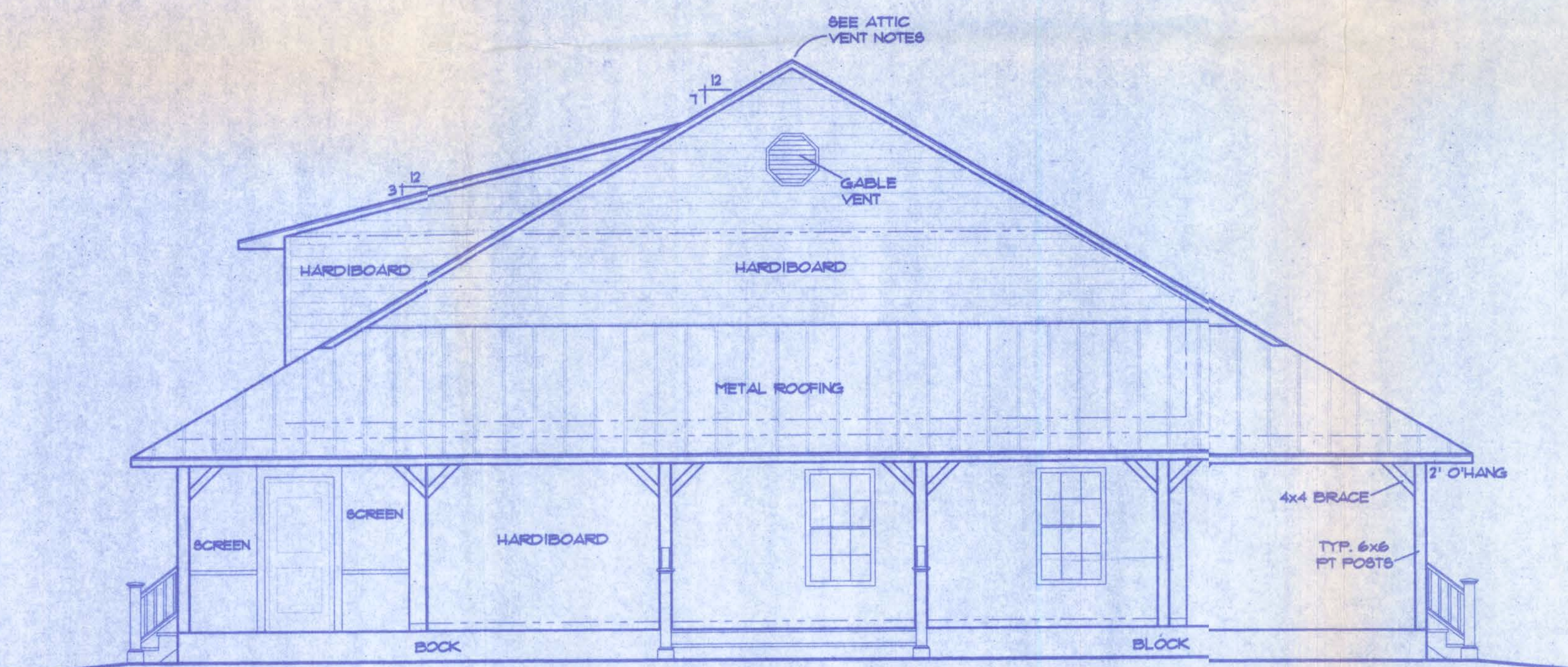
Job No.

FILE: 08-020	WILLIAMS RESIDENCE	SHEET: 3 OF 5
DATE: 1-26-09		CD FILE: 08020
DRAWN: T A D	PREPARED BY: TIM DELBENE Drafting + Technical Services	REV:
CHECK: T A D	192 SW Sagedale Cir. Lake City, FL 32024 Phone (386) 755-5899	REV:



REAR ELEVATION

SCALE: 1/4 IN. = 1 FT.



LEFT ELEVATION

SCALE: 1/4 IN. = 1 FT.

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 Pnd. 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.

A-2

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

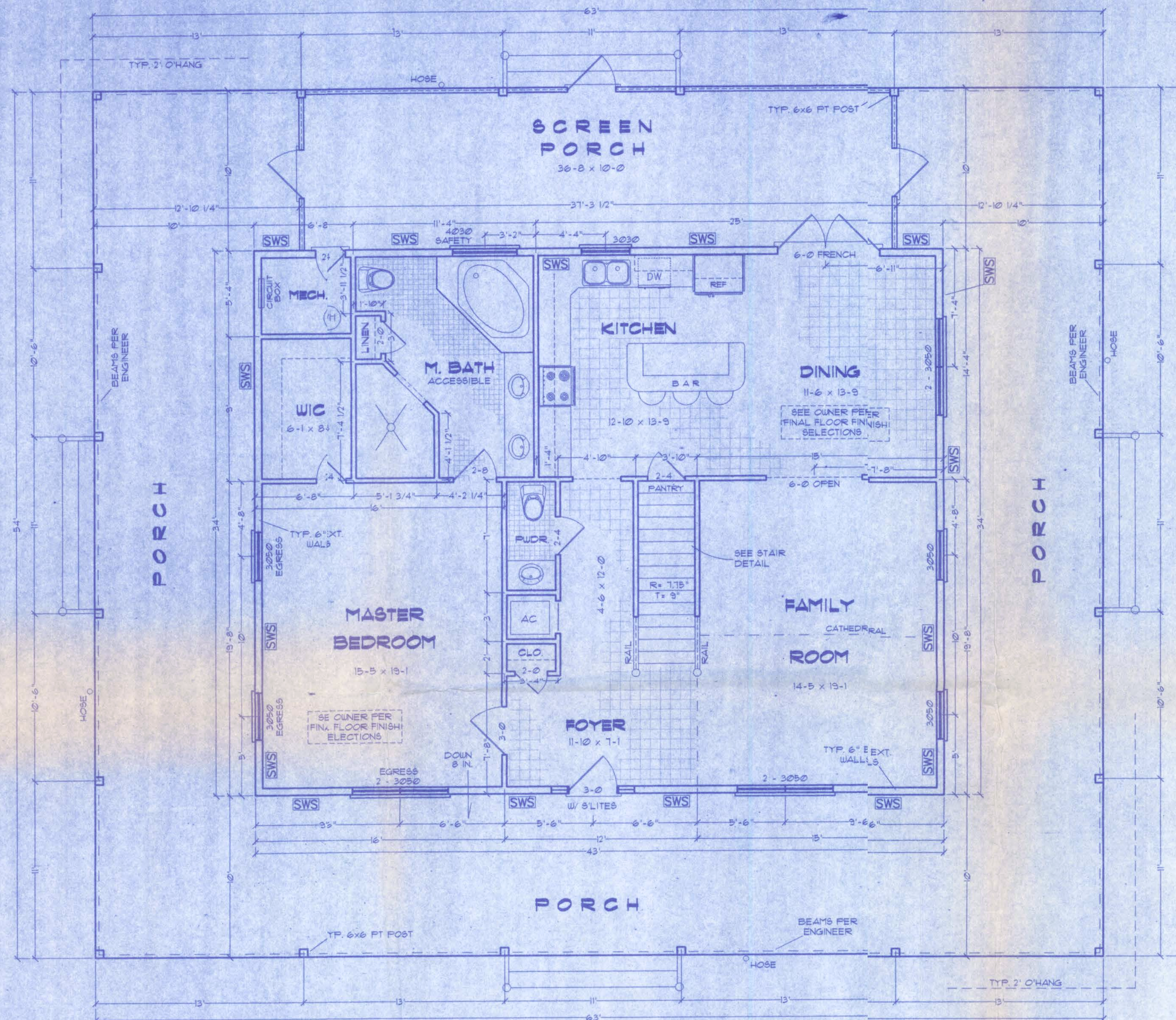
CERTIFICATION: These plans and "Windload Engineering", Sheet S-1, attached, comply with Florida Building Code Residential 2004, Section R301.2.1 to the best of my knowledge.

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.

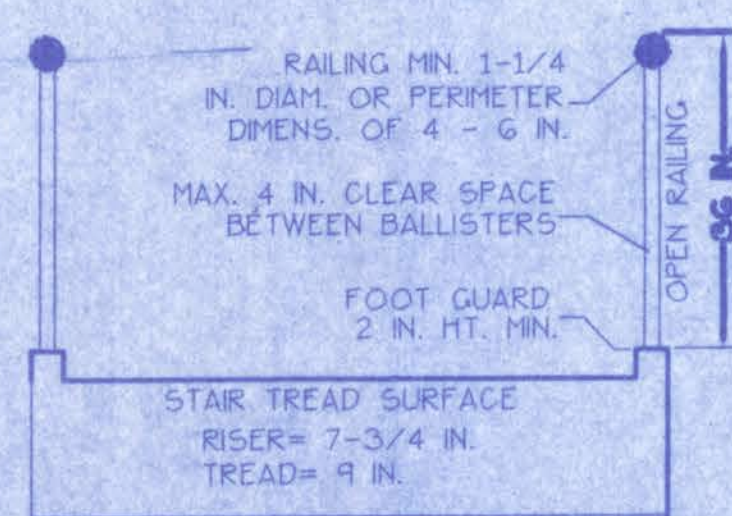
SE CO. ROAD 18
LAKE CITY, FL Job No.:

FILE: 08-020	WILLIAMS RESIDENCE	SHEET: 3 OF 5
DATE: 1-26-09		CAD FILE: 08020
DRAWN: T A D	PREPARED BY: TIM DELBENE Drafting + Technical Services 192 SW Sagewood Cir. Lake City, FL 32024 Phone (386) 755-5891	REV:
CHECK: T A D		REV:

Mark Disoway
08MAR09



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

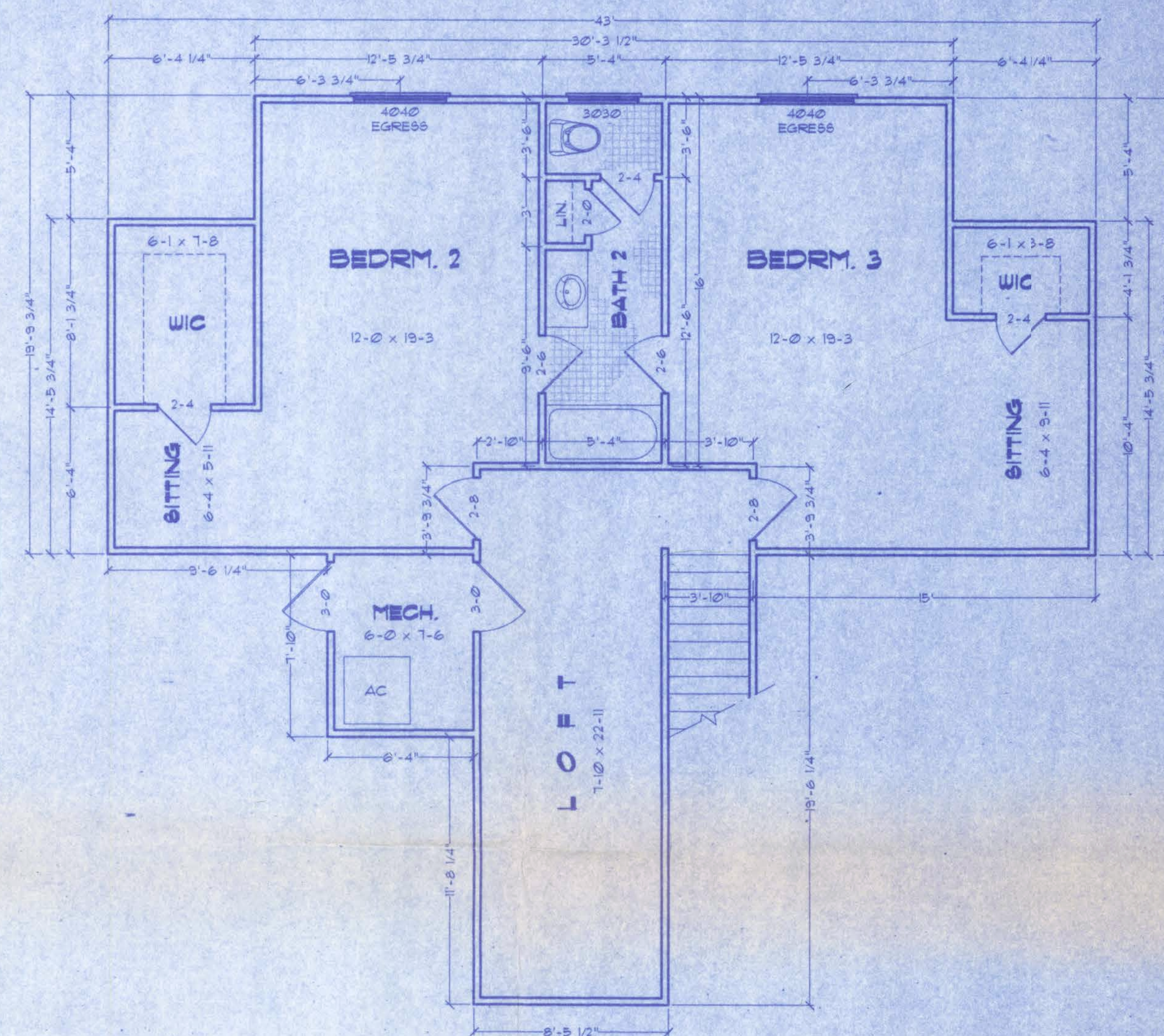


STAIR DETAIL
NOT TO SCALE

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.

AREA SUMMARY

CONDITIONED 1st FLOOR	1462 SF
CONDITIONED 2nd FLOOR	999 SF
SCREENED PORCH	373 SF
COVERED PORCH	1561 SF
TOTAL UNDER ROOF	4401 SF
CONDITIONED (TOTAL)	2461 SF



2nd FLOOR
SCALE: 1/4 IN. = 1 FT.

A-3

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

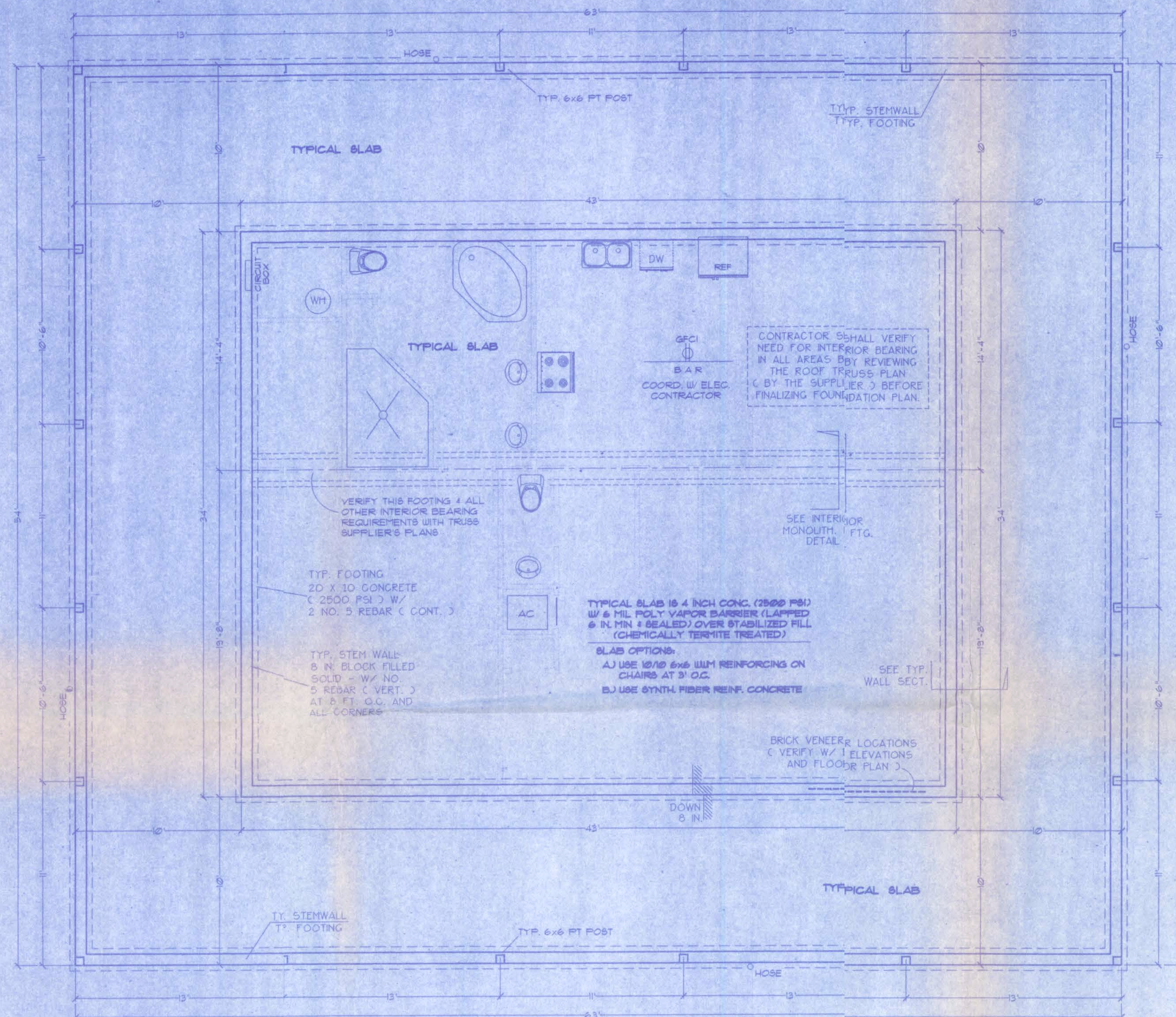
CERTIFICATION: These plans and "Windload Engineering", Sheet S-1, attached, comply with Florida Building Code Residential 2004, Section R301.2.1 to the best of my knowledge.

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.

SE CO. ROAD 18
Location: LAKE CITY, FL Job No.:

Mark Dicosway
06 MAR 09

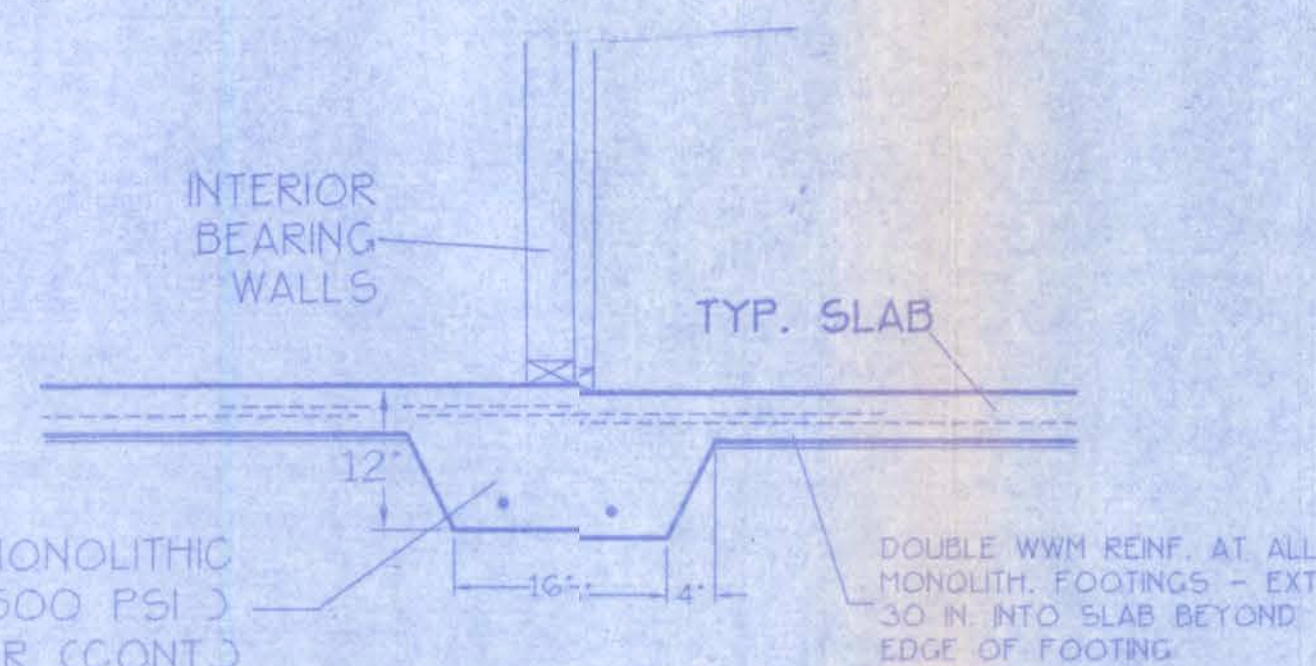
FILE: 08-020	WILLIAMS RESIDENCE	SHEET: 3 OF 5
DATE: 1-26-09		CAD FILE: 08020
DRAWN: T A D	PREPARED BY: TIM DELBENE Drafting + Technical Services	REV:
CHECK: T A D	192 SW Sagewood Gln., Lake City, FL 32024 Phone (386) 755-5891	REV:



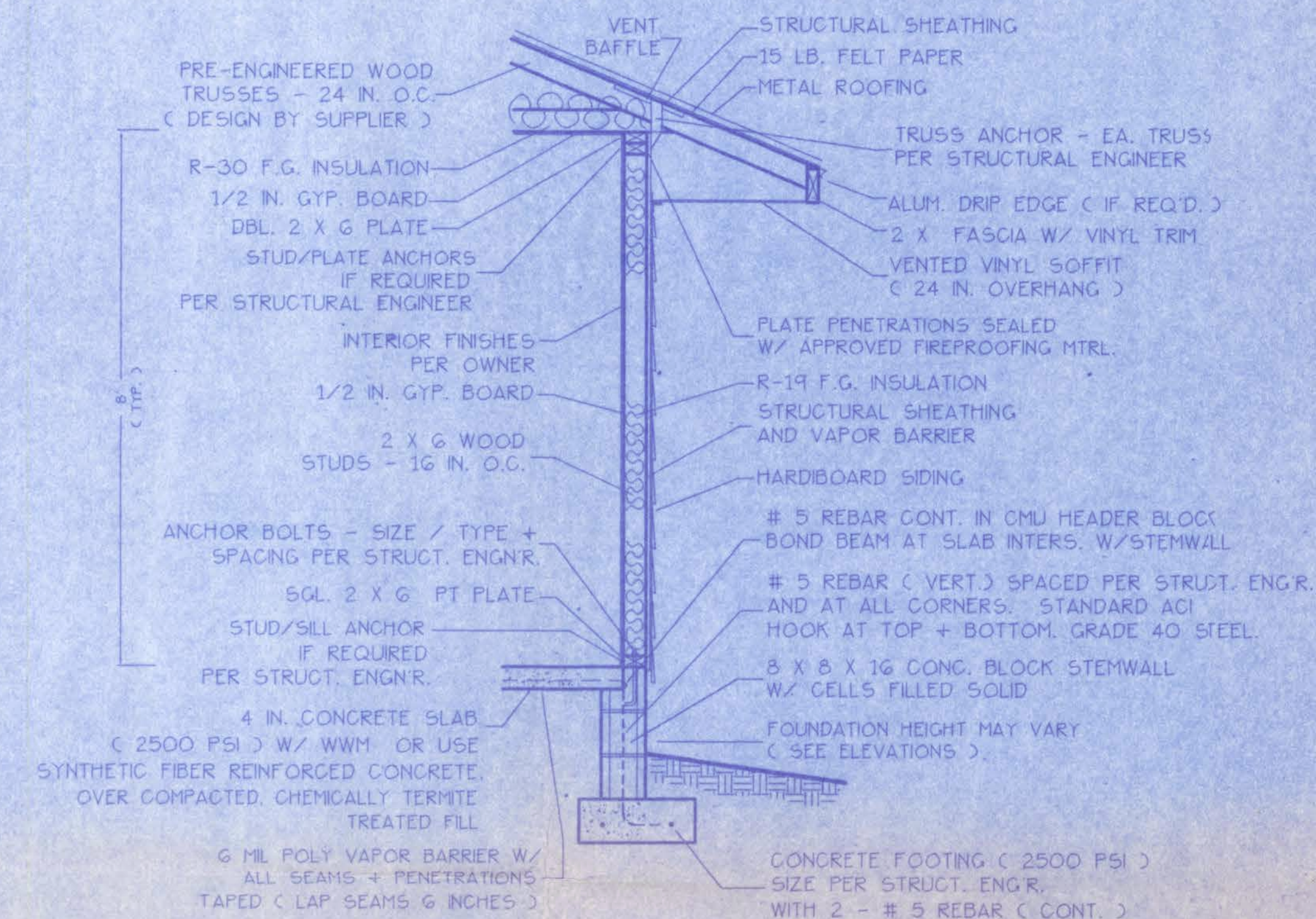
FOUNDATION PLAN
SCALE: 1/4 IN. = 1 FT.

FOUNDATION NOTES:

- CONTRACTOR SHALL EXAMINE ROOF TRUSS PLAN (BY SUPPLIER) TO DETERMINE ANY ADDITIONAL BEARING REQUIREMENTS BEFORE FINALIZING FOUNDATION PLAN.
- ALL CONCRETE IS 2500 PSI STRENGTH (MIN).
- VERIFY DIMENSIONS WITH FLOOR PLAN.
- SITE ANALYSIS AND PREPARATION DATA IS NOT A PART OF THIS PLAN AND IS THE RESPONSIBILITY OF THE CONTRACTOR / OWNER.



INTERIOR MONOLITHIC FOOTING
SCALE: 3/4 IN. = 1 FT.



WALL SECTION NOTES:

- This Typical Wall Section is for Estimating purposes only.
- All data shown in this Wall Section shall be subject to review and final input by the Structural Engineer.

DESIGN WALL SECTION
NON-STRUCTURAL DATA
SCALE: 3/4 IN. = 1 FT.

A-4

WINDLOAD ENGINEER: Mark Diawway, 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 2004, Section R301.2.1 to the best of my knowledge.

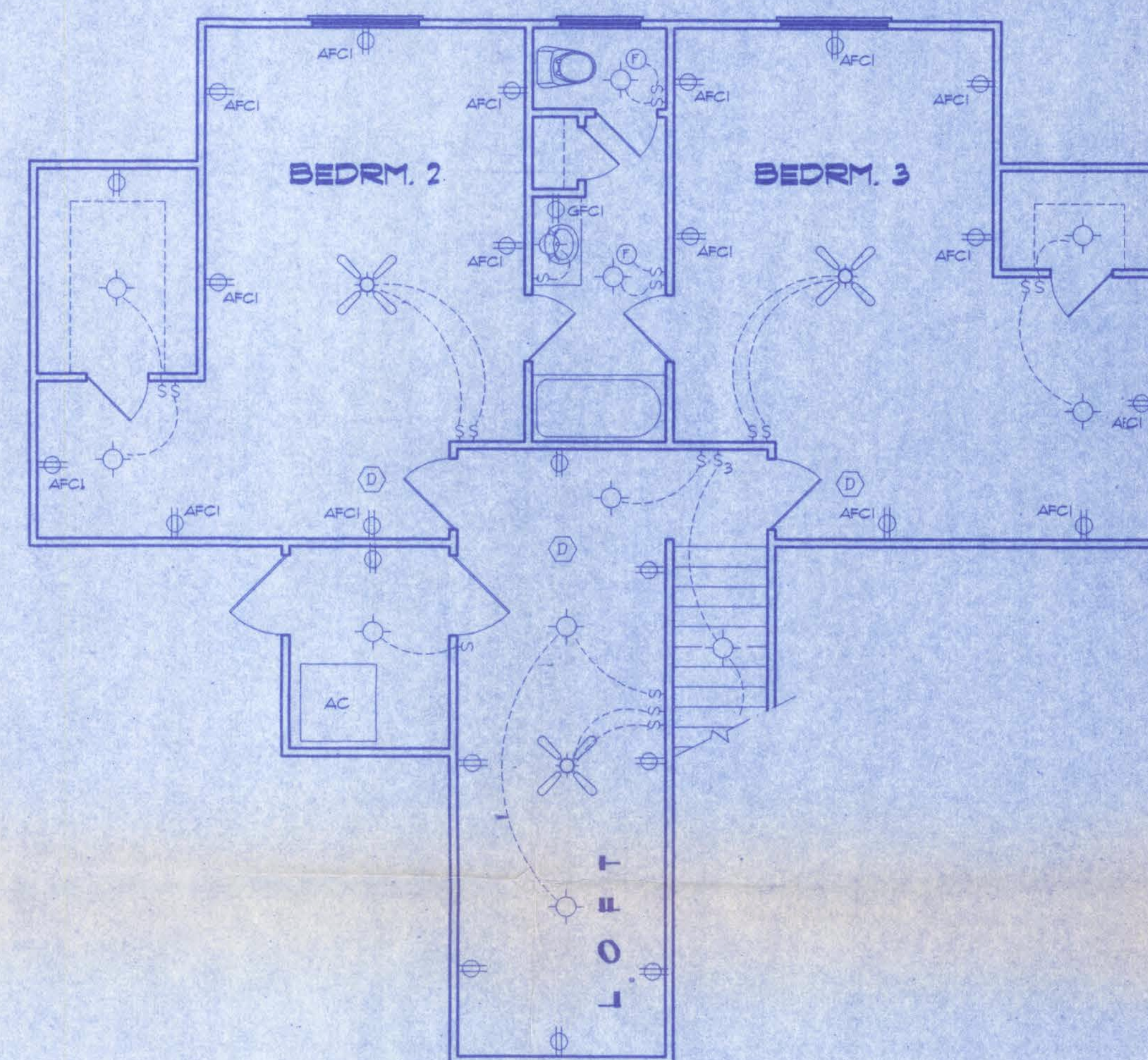
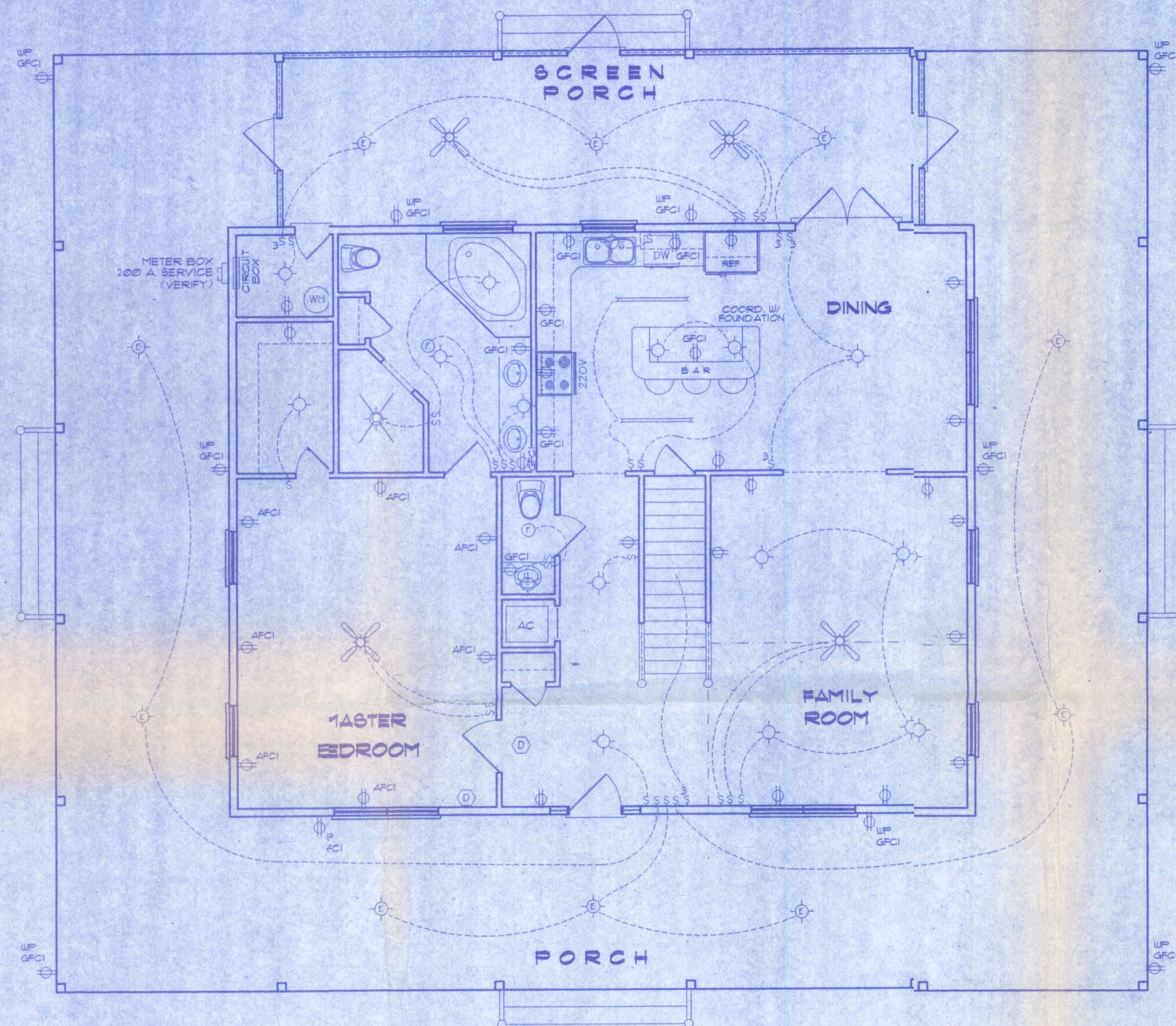
LIMITATION: This design is valid for one building, at specified location, permitted within 90 days of signature date. In case of conflict, structural requirements, scope of work, and builder responsibilities on sheet S-1 control.

88 CO. ROAD 18
LAKE CITY, FL

Job No.:

Mark Diawway
06 MAR 09

FILE: 08-020	WILLIAMS RESIDENCE	SHEET: 3 OF 5
DATE: 1-26-09		CAD FILE: 08020
DRAWN: T A D	PREPARED BY: TIM DELBENE Drafting + Technical Services 142 SW Sagewood Cir. Lake City, FL 32029 Phone: (386) 755-5841	REV:
CHECK: T A D		REV:



ELECTRICAL PLAN NOTES

- WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
- CONSULT THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.
- ALL INSTALLATIONS SHALL BE PER NAT'L. ELECTRIC CODE.
- ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
- 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.
- ELECTRICAL CONTR. SHALL BE RESPONSIBLE FOR THE DESIGN + SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- ENTRY OF SERVICE (UNDERGROUND OR OVERHEAD) TO BE DETERMINED BY POWER COMPANY.

ELECTRICAL SYMBOL LEGEND

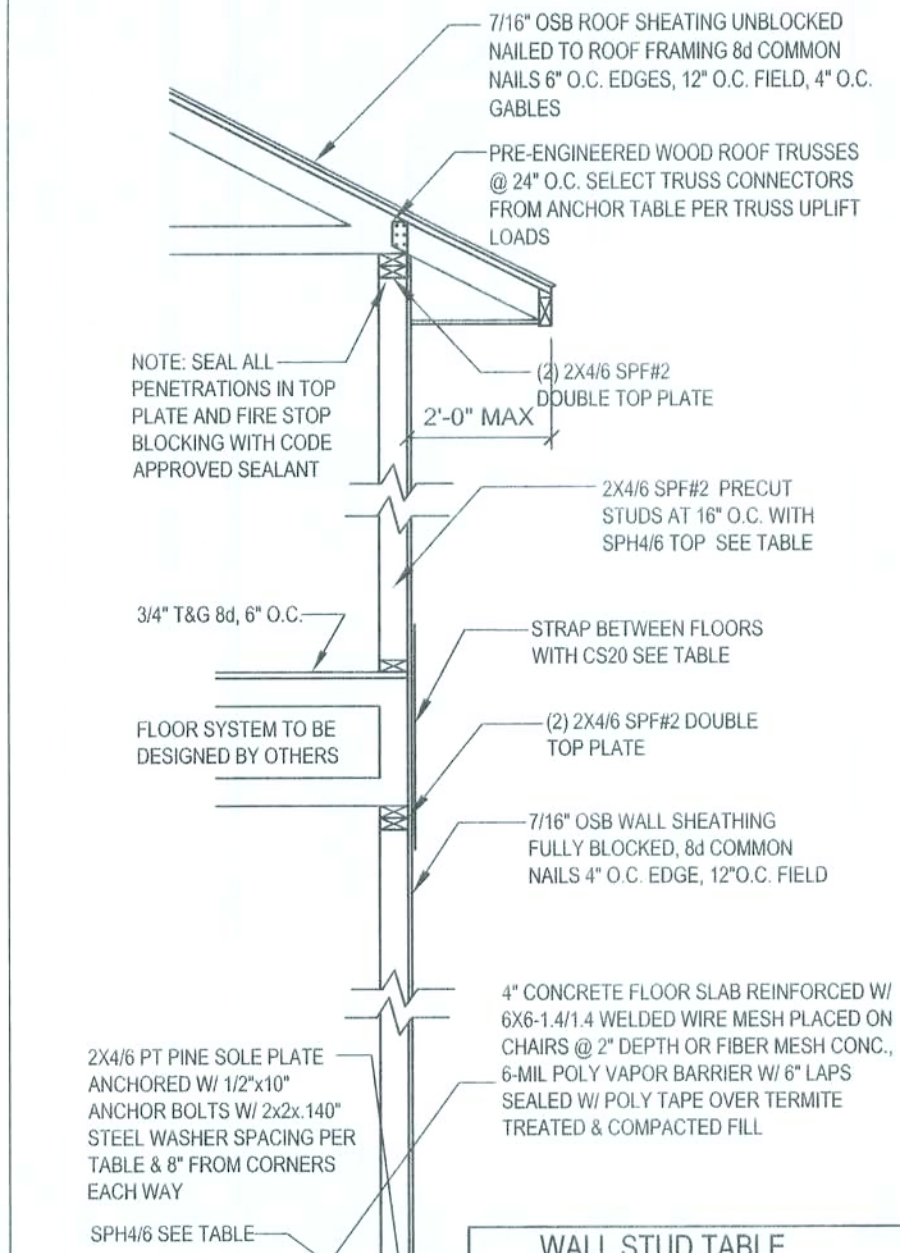
	= FLOURESCENT LIGHTING FIXTURE.		= ARC FAULT CIRCUIT OUTLET
	= CEILING LIGHT FIXTURE		= 110 V. SINGLE RECEPTACLE OUTLET.
	= EXTERIOR LIGHTING FIXTURE		= 220 VOLT OUTLET (4 WIRE)
	= LIGHT SWITCH.		= FAN LOCATION (CEILING)
	= THREE-WAY SWITCH.		= FAN LOCATION (EXHAUST)
	= 110 V. DUPLEX OUTLET.		= SMOKE + CARBON MONOXIDE DETECTOR
	= SPECIAL HEIGHT 110 V. DUPLEX OUTLET		
	= GROUND FAULT CIRCUIT OUTLET		

ELECTRICAL PLAN NOT TO SCALE

8E CO. ROAD 18
LAKE CITY, FL

A-5

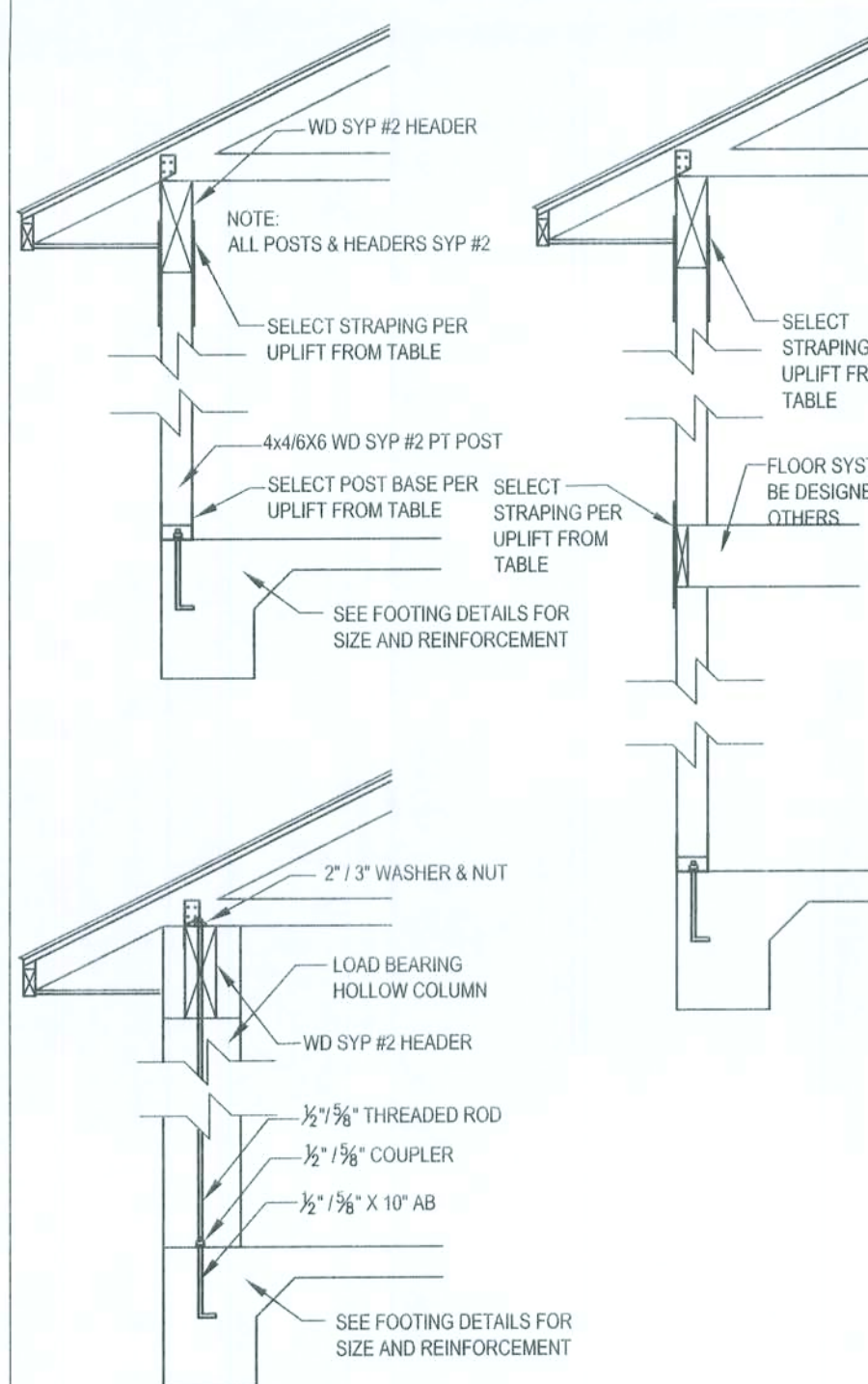
FILE: 08-020	WILLIAMS RESIDENCE	SHEET: 3 OF 5
DATE: 1-26-09		CAD FILE: 08020
DRAWN: T A D	PREPARED BY: TIM DELBENE Drafting + Technical Services 142 SW Saguawood Cir. Lake City, FL 32024 Phone: (386) 758-5891	REV:
CHECK: T A D		REV:



WALL STUD TABLE
1-2 x 4 @ 16\"/>
1-2 x 4 @ 12\"/>
1-2 x 6 @ 16\"/>
1-2 x 6 @ 12\"/>

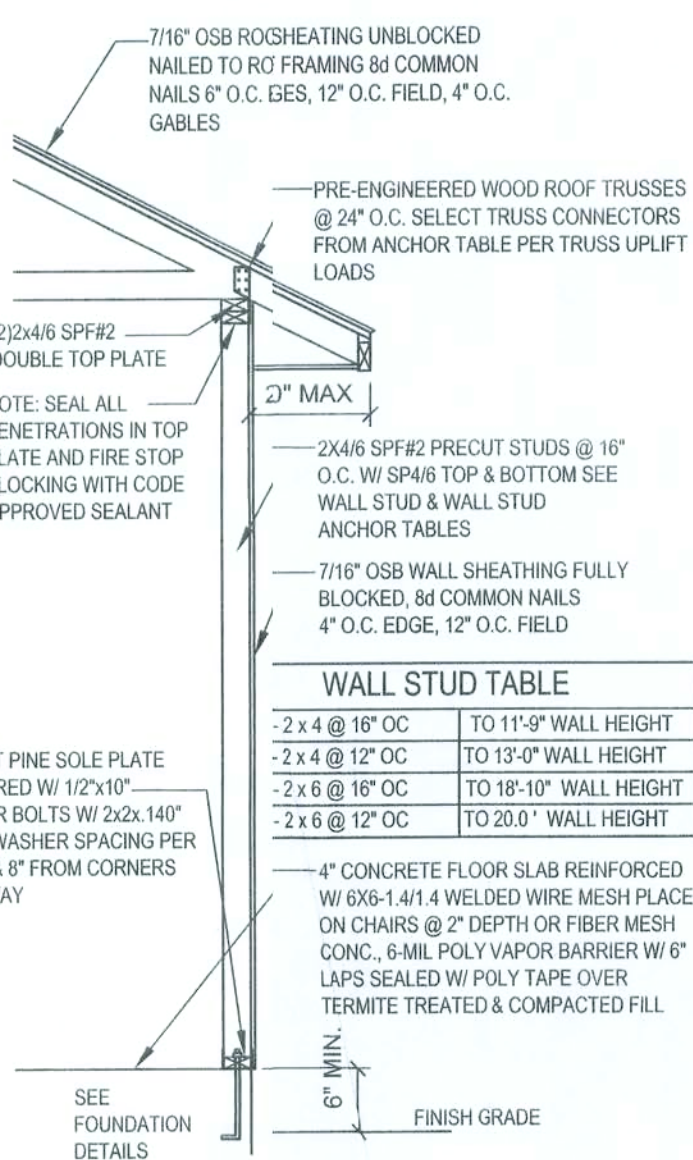
2 STORY STUD ANCHOR TABLE			
TYPICAL TRUSS UPLIFT & MAX 12\"/>	ANCHOR BOLT SPACING	SP4/SP4 CSB SPACING	ALTERNATE SP4/SP4 CSB SPACING
770 LB	48\"/>	48\"/>	N/A
950 LB	32\"/>	32\"/>	N/A
1270 LB	32\"/>	32\"/>	32\"/>
1590 LB	24\"/>	16\"/>	16\"/>
2200 LB	12\"/>	12\"/>	12\"/>

W4-2 STORY EXT. WALL SECTION
SCALE: 1/2\"/>



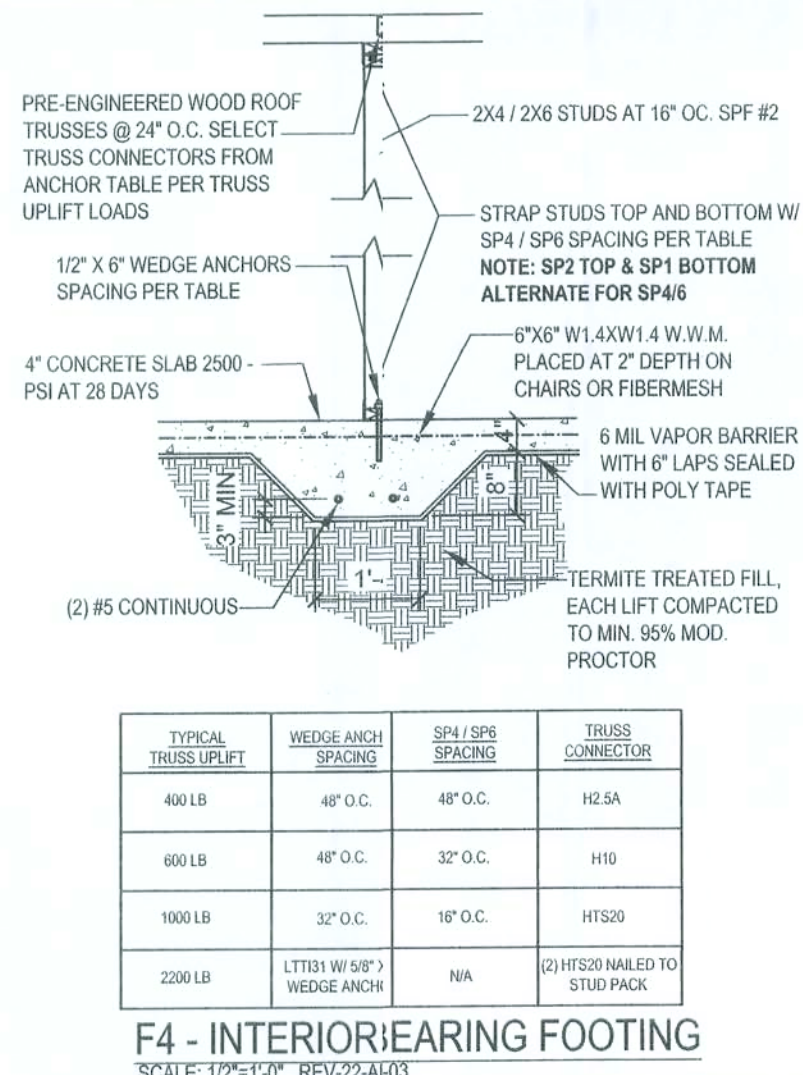
W12 - PORCH HEADER ANCHORS			
TYPICAL POST UPLIFT	POST BASE ANCHOR	BETWEEN FLOOR STRAPPING	HEADER STRAPPING
550 LB	48\"/>	(2) LSTA21 W/ 16\"/>	(2) LSTA21 W/ 16\"/>
1200 LB	48\"/>	(2) LSTA21 W/ 16\"/>	(2) LSTA21 W/ 16\"/>
2200 LB	48\"/>	(2) LSTA21 W/ 16\"/>	(2) LSTA21 W/ 16\"/>
2300 LB	48\"/>	(2) LSTA21 W/ 16\"/>	(2) LSTA21 W/ 16\"/>

W12 - PORCH HEADER ANCHORS
SCALE: N.T.S. REV-18-JUL-03

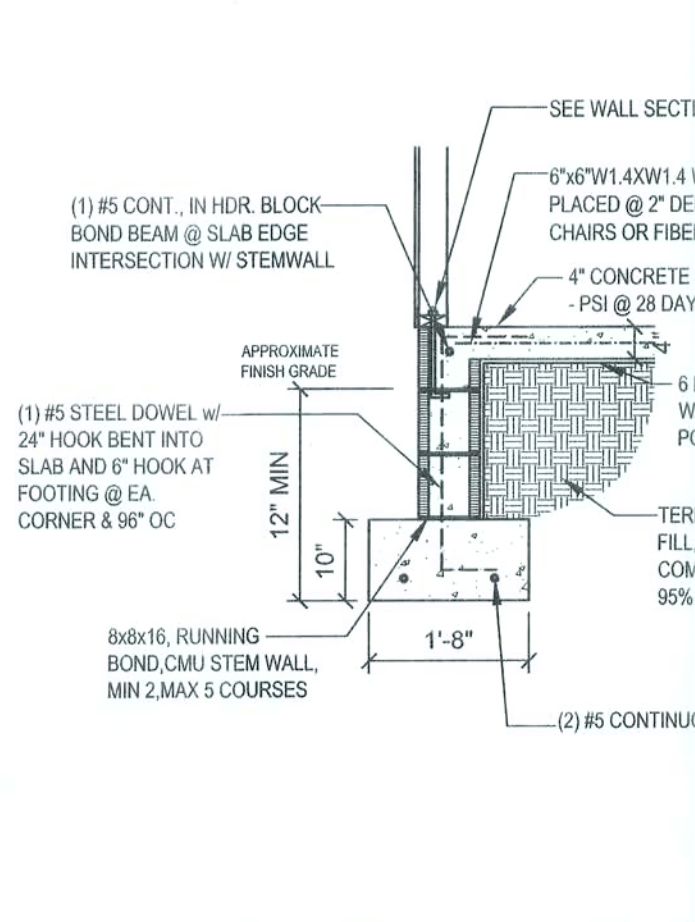


STUDANCHOR TABLE			
TYPICAL TRUSS UPLIFT & MAX 12\"/>	ANCHOR BOLT SPACING	SP4/SP4 CSB SPACING	ALTERNATE SP4/SP4 CSB SPACING
770 LB	48\"/>	48\"/>	N/A
950 LB	32\"/>	32\"/>	N/A
1270 LB	32\"/>	32\"/>	32\"/>
1590 LB	24\"/>	16\"/>	16\"/>
2200 LB	12\"/>	12\"/>	12\"/>

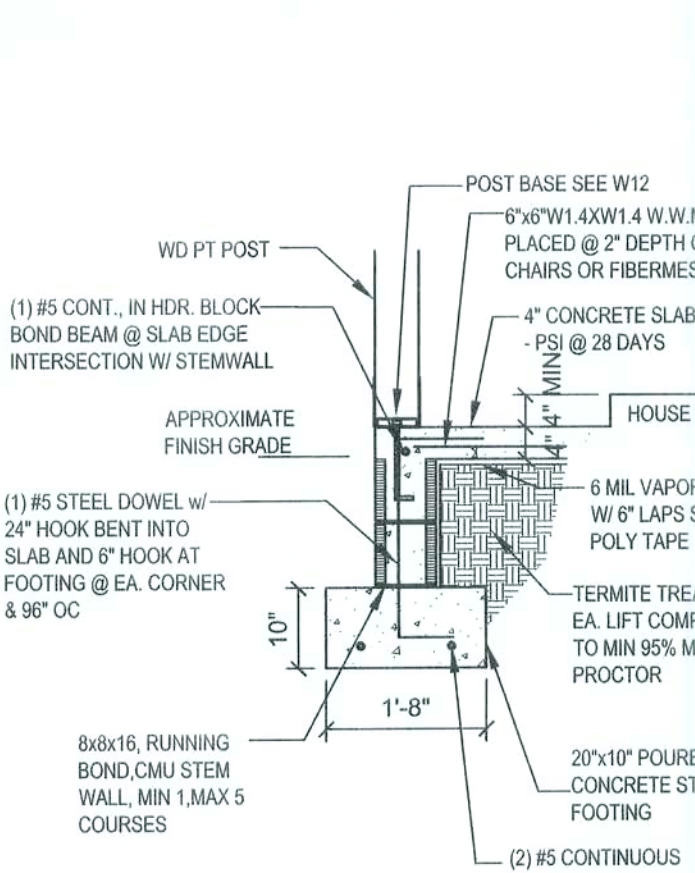
W1 - SINGLE STOR. EXT. WALL SECTION
SCALE: 1/2\"/>



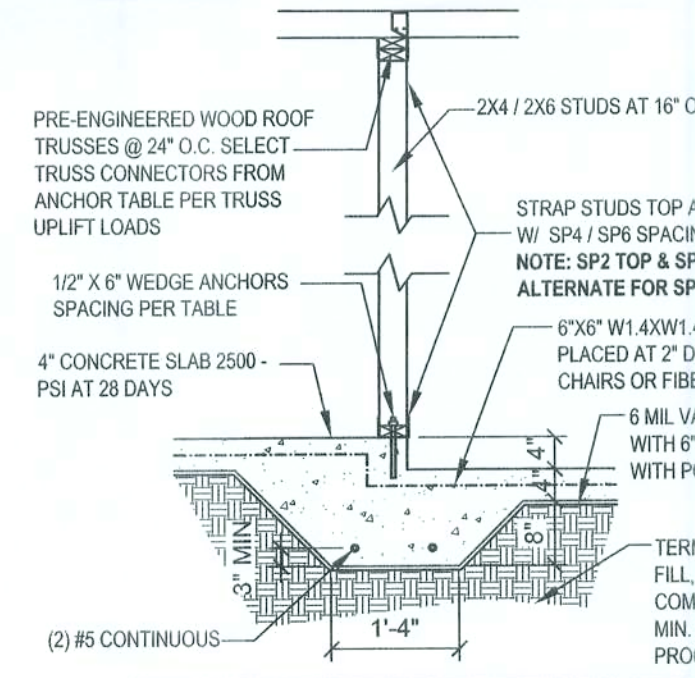
F4 - INTERIOR BEARING FOOTING
SCALE: 1/2\"/>



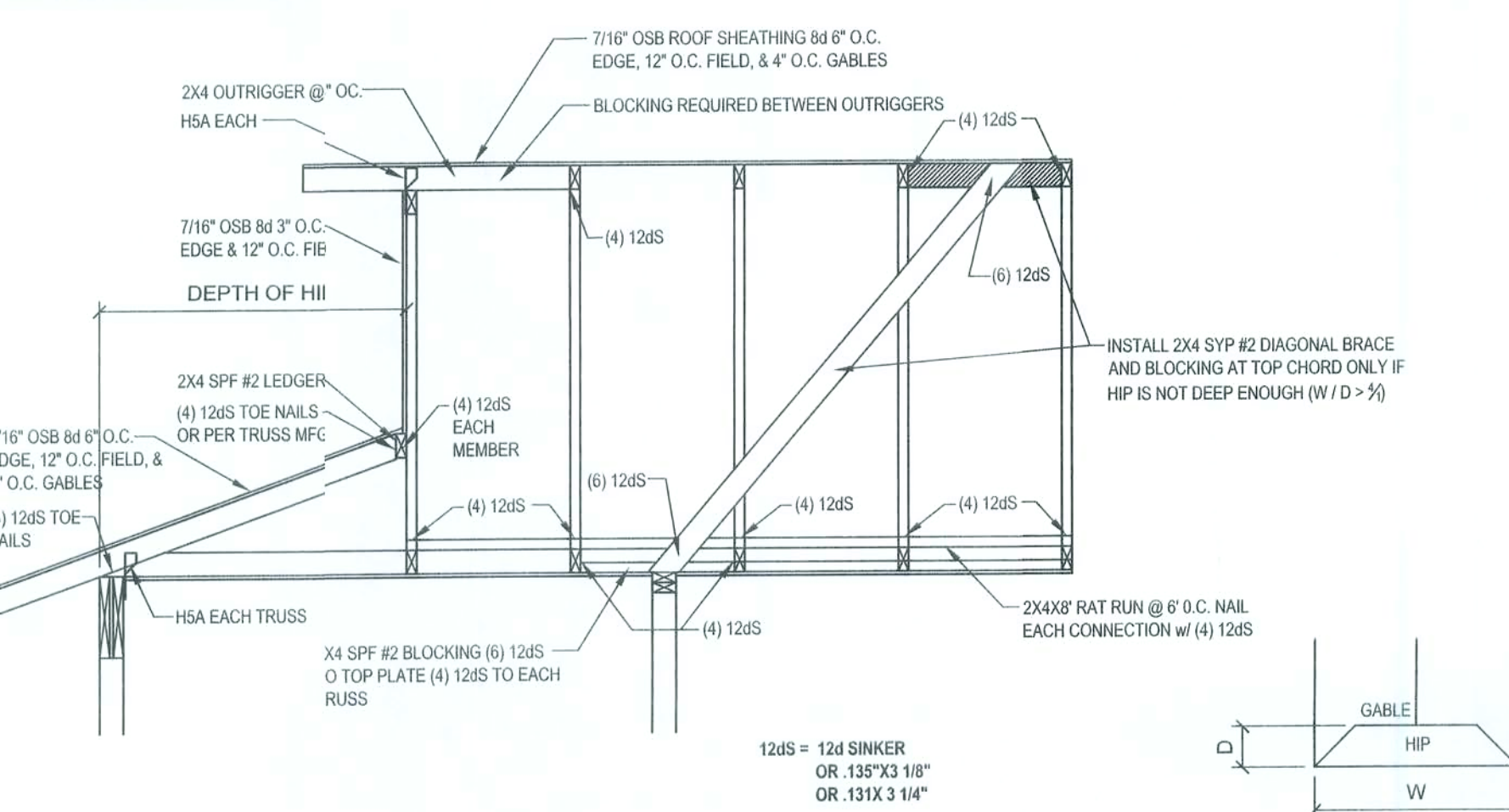
F1 - STEM WALL FOUNDATION
SCALE: 1/2\"/>



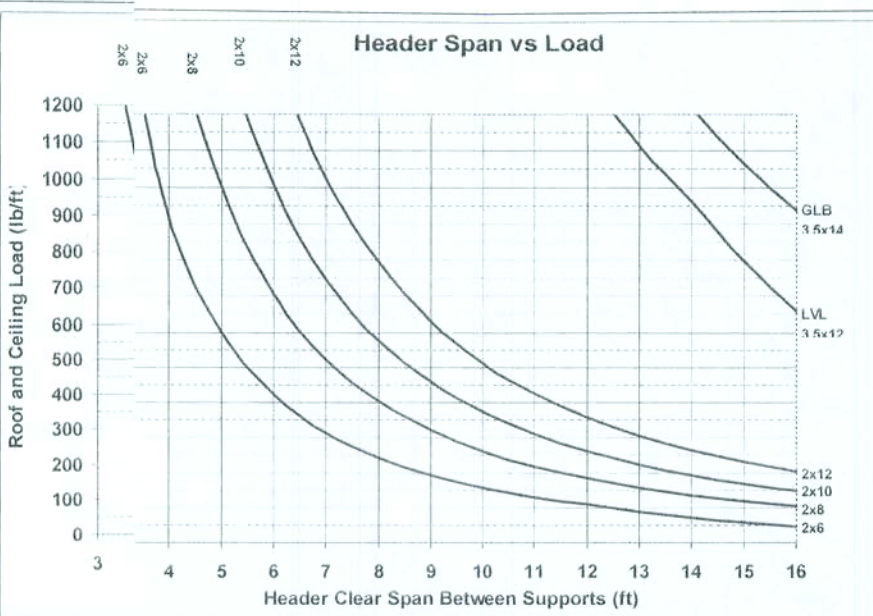
F10 - STEM WALL PORCH FOOTING
SCALE: 1/2\"/>



F5 - INTERIOR BEARING STEP FOOTING
SCALE: 1/2\"/>

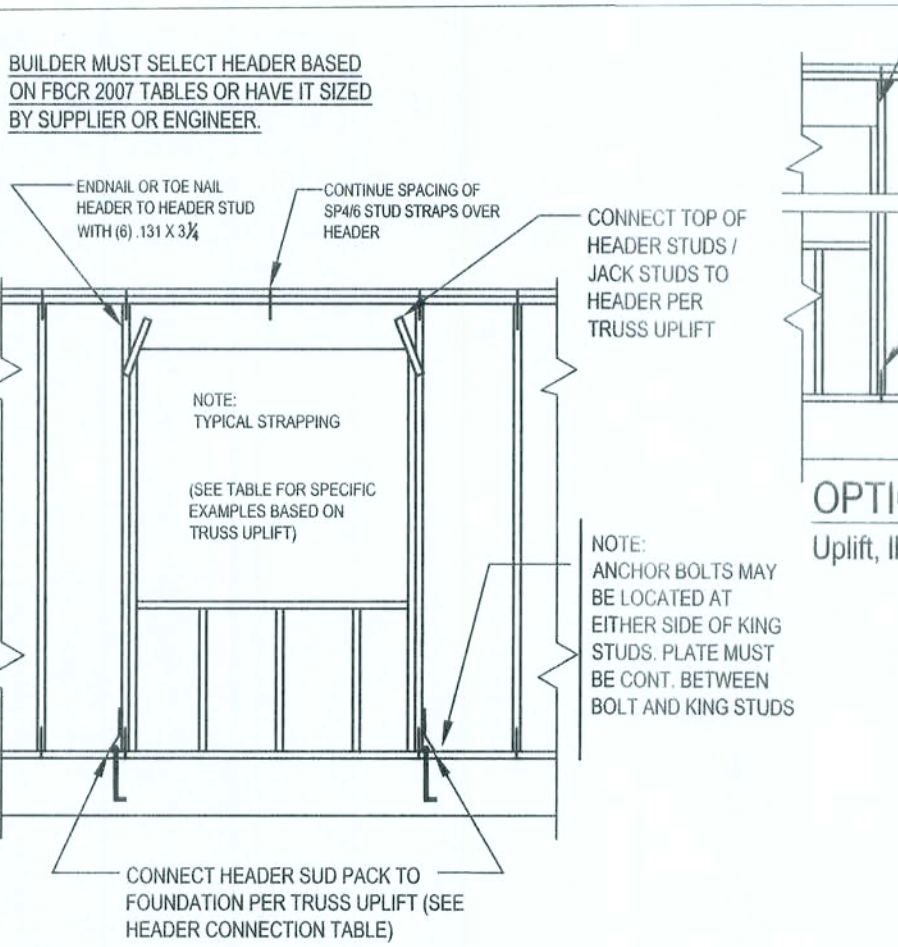
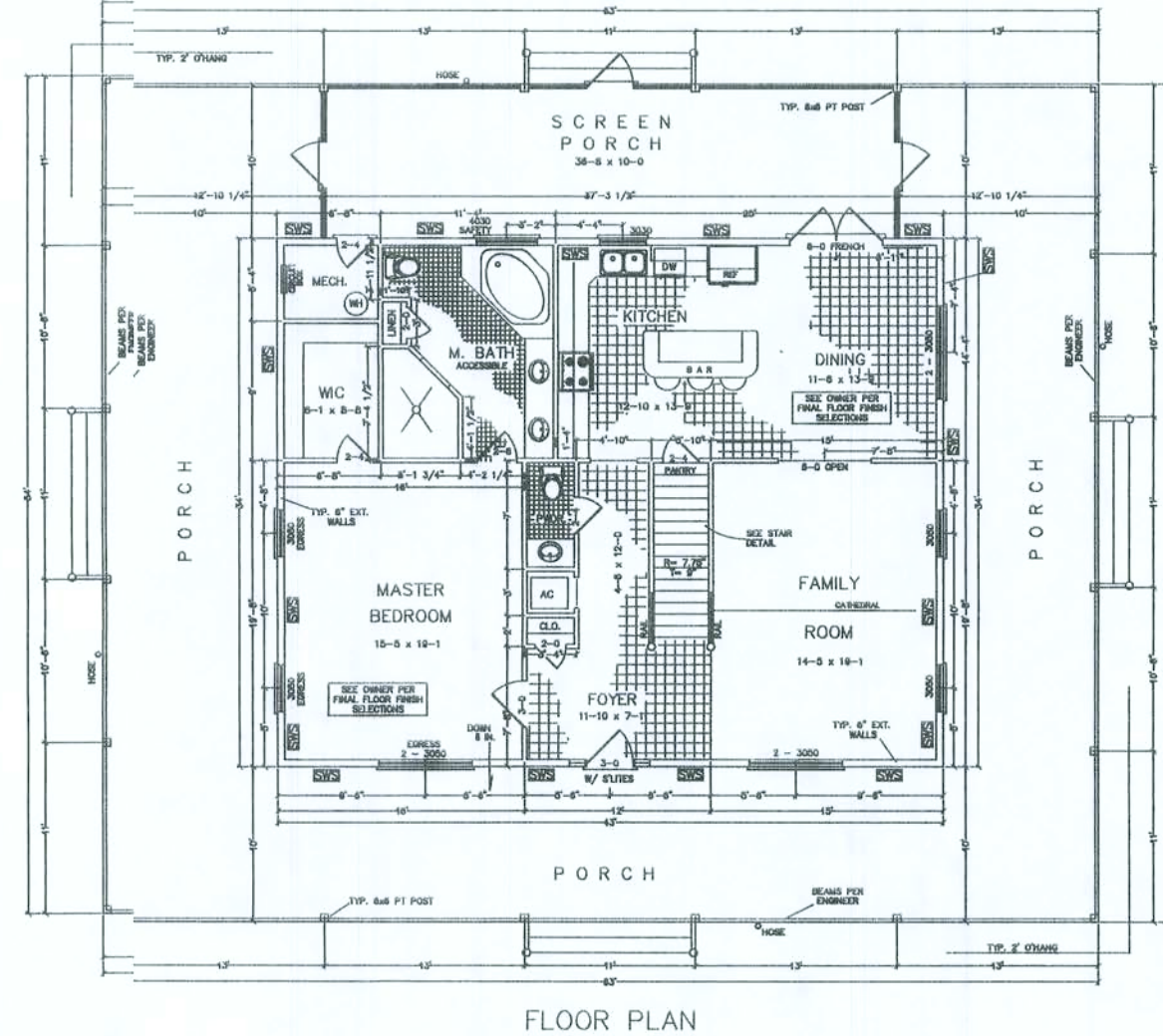


W59 - BOSTON HIP GABLE BRACING DETAIL
SCALE: 1/2\"/>

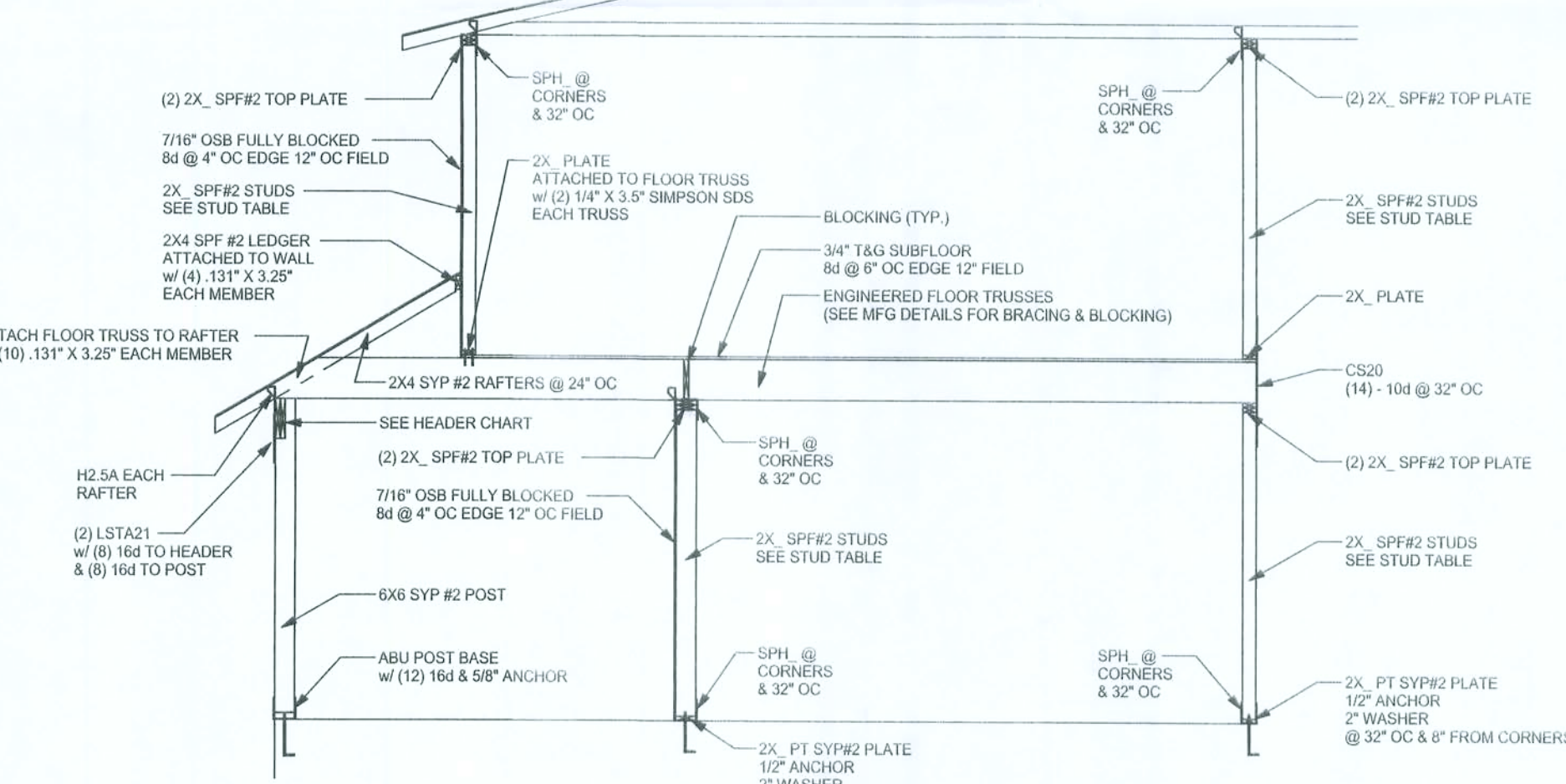
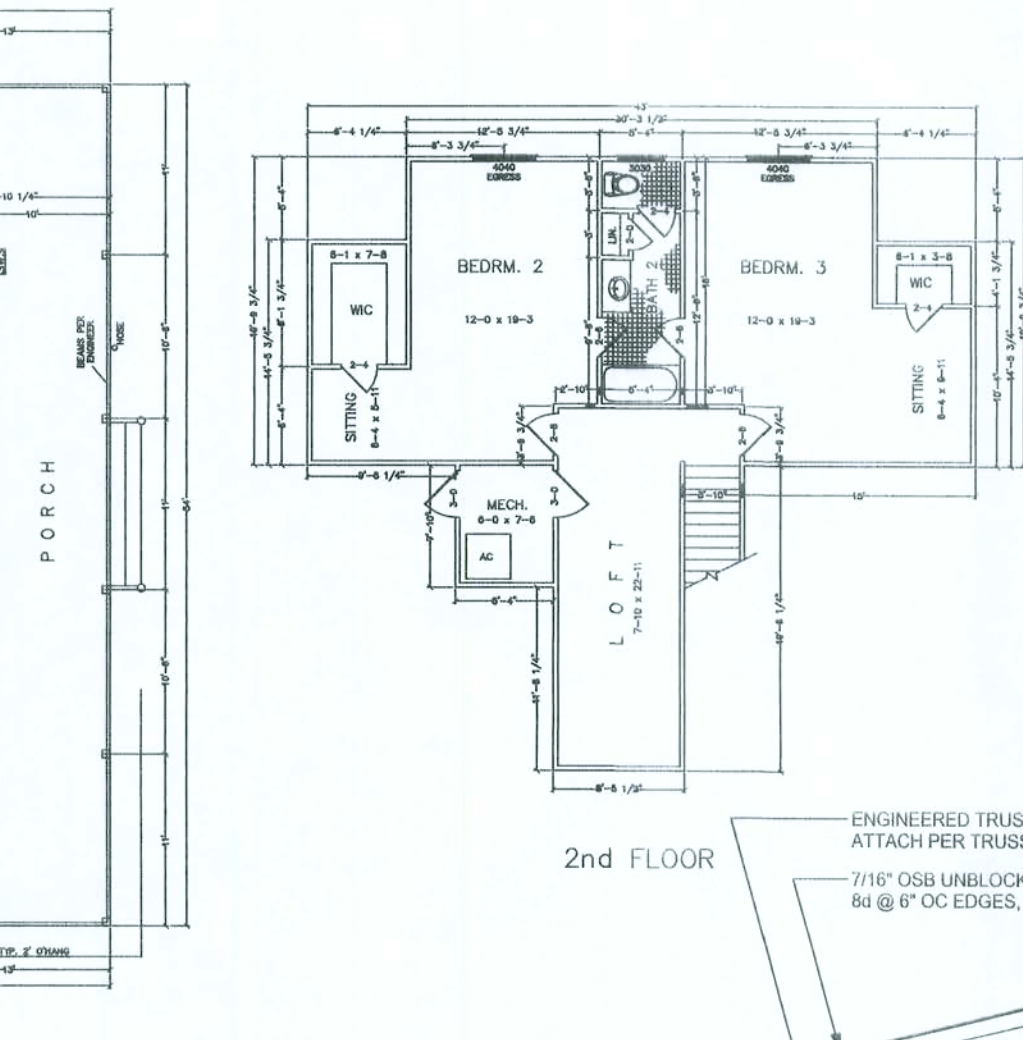


Truss Design Load (lb/ft)	Truss Design Load (lb/ft)	Truss Design Load (lb/ft)	Truss Design Load (lb/ft)
220	220	220	220
240	240	240	240
260	260	260	260
280	280	280	280
300	300	300	300
320	320	320	320
340	340	340	340
360	360	360	360
380	380	380	380
400	400	400	400
420	420	420	420
440	440	440	440
460	460	460	460
480	480	480	480
500	500	500	500
520	520	520	520
540	540	540	540
560	560	560	560
580	580	580	580
600	600	600	600
620	620	620	620
640	640	640	640
660	660	660	660
680	680	680	680
700	700	700	700
720	720	720	720
740	740	740	740
760	760	760	760
780	780	780	780
800	800	800	800
820	820	820	820
840	840	840	840
860	860	860	860
880	880	880	880
900	900	900	900
920	920	920	920
940	940	940	940
960	960	960	960
980	980	980	980
1000	1000	1000	1000
1020	1020	1020	1020
1040	1040	1040	1040
1060	1060	1060	1060
1080	1080	1080	1080
1100	1100	1100	1100
1120	1120	1120	1120
1140	1140	1140	1140
1160	1160	1160	1160
1180	1180	1180	1180
1200	1200	1200	1200

W71 - HEADER SPANS FOR ROOF/CEILING LOAD
SCALE: N.T.S. REV-01-JUN-06



W13-TYPICAL HEADER SIZING & STRAPPING DETAIL
SCALE: N.T.S. REV-01-JUN-06



SECTION @ REAR DORMER

N5 - 1 - TRUSS UPLIFT CONNECTOR TABLE				REV 25-AUG-03	
All connectors are Simpson Strongtie, unless noted. See top and bottom connections on this table or SST's catalog to meet specific uplift use. Fasteners specified.					
Uplift SYP	Uplift SYP	Truss Connector	To Plate	To Truss / Rafter	
320	455	H3	4-8d	4-8d	
455	590	H3	4-8d	4-8d	
590	725	H3A	5-8d	5-8d	
725	860	H2A	5-8d	5-8d	
860	995	H10	6-10d**	6-10d 1/2**	
995	1130	LR312	8-dia 1/2*	8-10d 1/2*	
1130	1265	HTS20	10-10d 1/2; 12-10d 1/2*	10-10d 1/2; 12-10d 1/2*	
1265	1400	H16; H16-2	10-10d 1/2*	10-10d 1/2*	
1400	1535	LC72	10-10d 1/2; 12-10d 1/2*	10-10d 1/2; 12-10d 1/2*	
1535	1670	MC1	5" x 1/2" Rod	16-dia 1/2	
1670	1805	MC1	5" x 1/2" Rod	22-10d	
SFPF	SYP	Strap Connector	To One Member	To Other Member	
780	885	SP4	6-10d**	N/A	
885	1050	CS20	9-8d x 1/4"	9-8d or 1/4"	
1050	1265	LS16	12-10d 1/2*	7-10d	
1265	1380	SP4H	12-10d 1/2*	N/A	
1380	1420	CS18	14-10d 1/2*	14-10d or 1/4"	
SFPF	SYP	Column Anchor	T Foundation	To Column / Truss	
1160	1350	LT119	5/8" x 16AB	8-16d Simpson	
1350	1595	LT21	5/8" x 16AB	10-16d 1/2*	
1595	2370	HD23	5/8" x 16AB	2-8d 1/2	
2370	2715	HT176	5/8" x 16AB	16-16d	
2715	3020	AD106	5/8" x 16 AB	12-16d	

Study this table carefully. The table is essential for specifications, but an equivalent set of sizes, 2nd and 3rd column sizes being the same, may be used. Check the minimum number of fasteners and the truss and rafter spacing for each "To Truss / Rafter" connection.

Manufacturer's and product names listed here are for example only. Any equivalent set of sizes or other manufacturer's product may be substituted for any entries listed in the example set of sizes, but must be approved by the engineer.

Notes:

1. **See table below for fastener sizes to be substituted for actual fastener sizes. Approximate spacing of fasteners in the table; shall be determined by the engineer.

2. *See table below for fastener sizes to be substituted for actual fastener sizes. Approximate spacing of fasteners in the table; shall be determined by the engineer.

3. See table below for fastener sizes to be substituted for actual fastener sizes. Approximate spacing of fasteners in the table; shall be determined by the engineer.