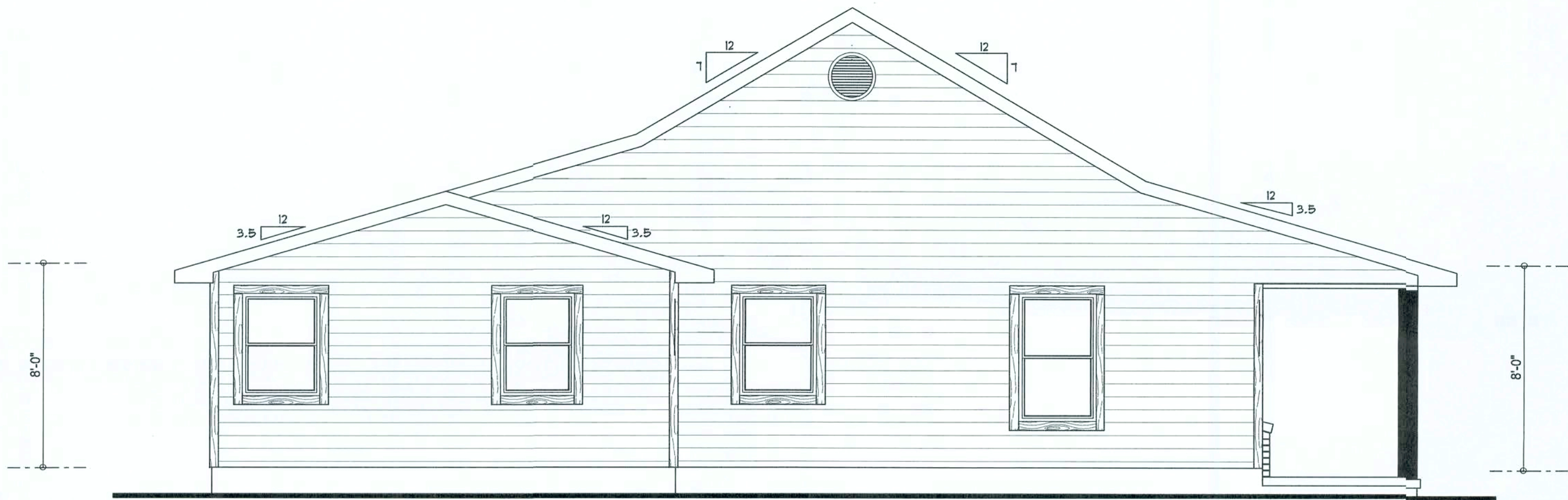


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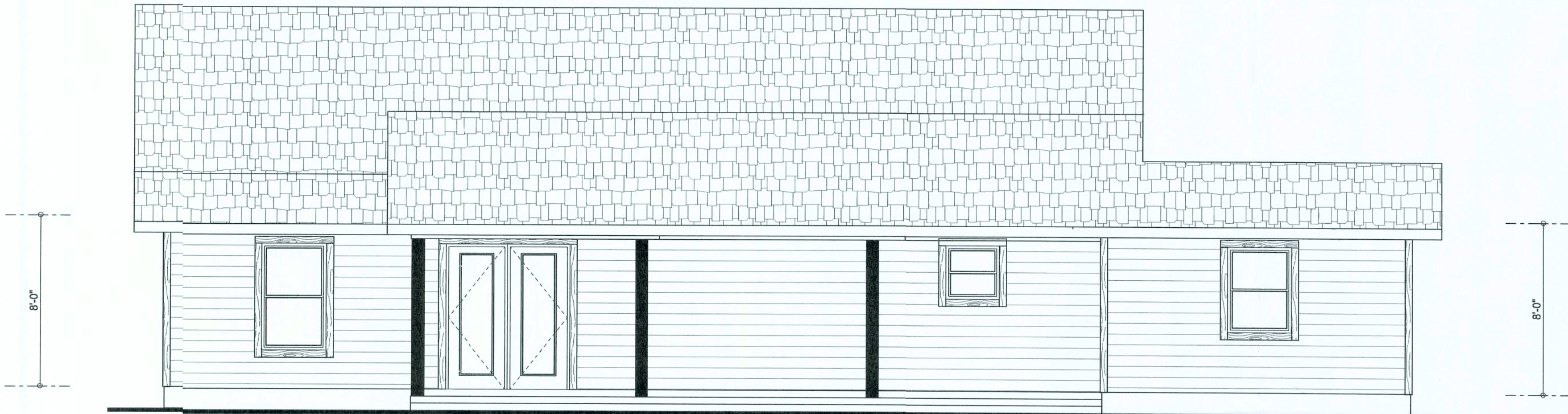
FRONT ELEVATION



LEFT ELEVATION



RIGHT ELEVATION



REAR ELEVATION



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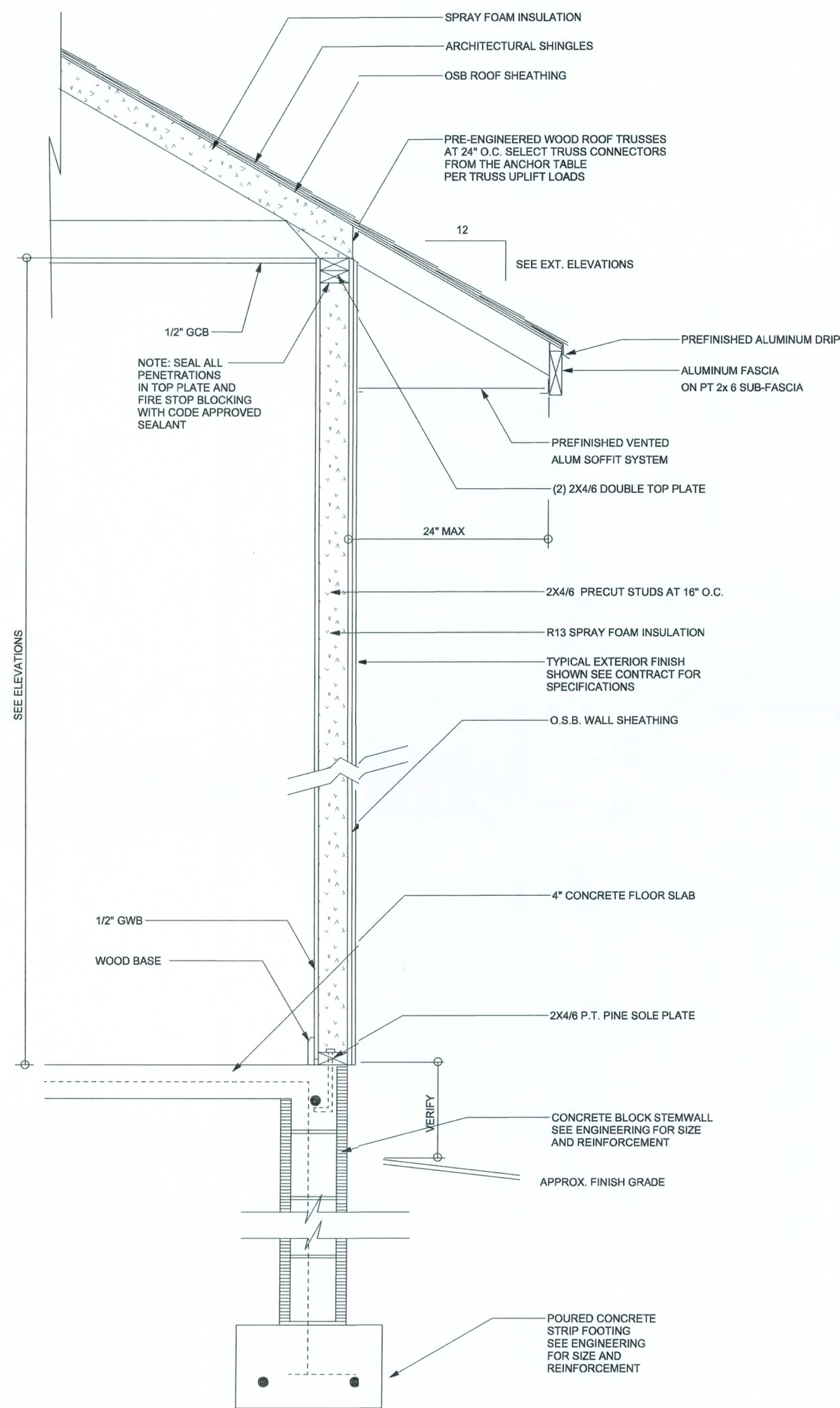
John McClain Residence

ADDRESS:
Parcel# 09-4S-17-08301-009
Columbia County

PRINTED DATE:
February 01, 2017

DRAWN BY:
Matthew A. Erkinger Sr.

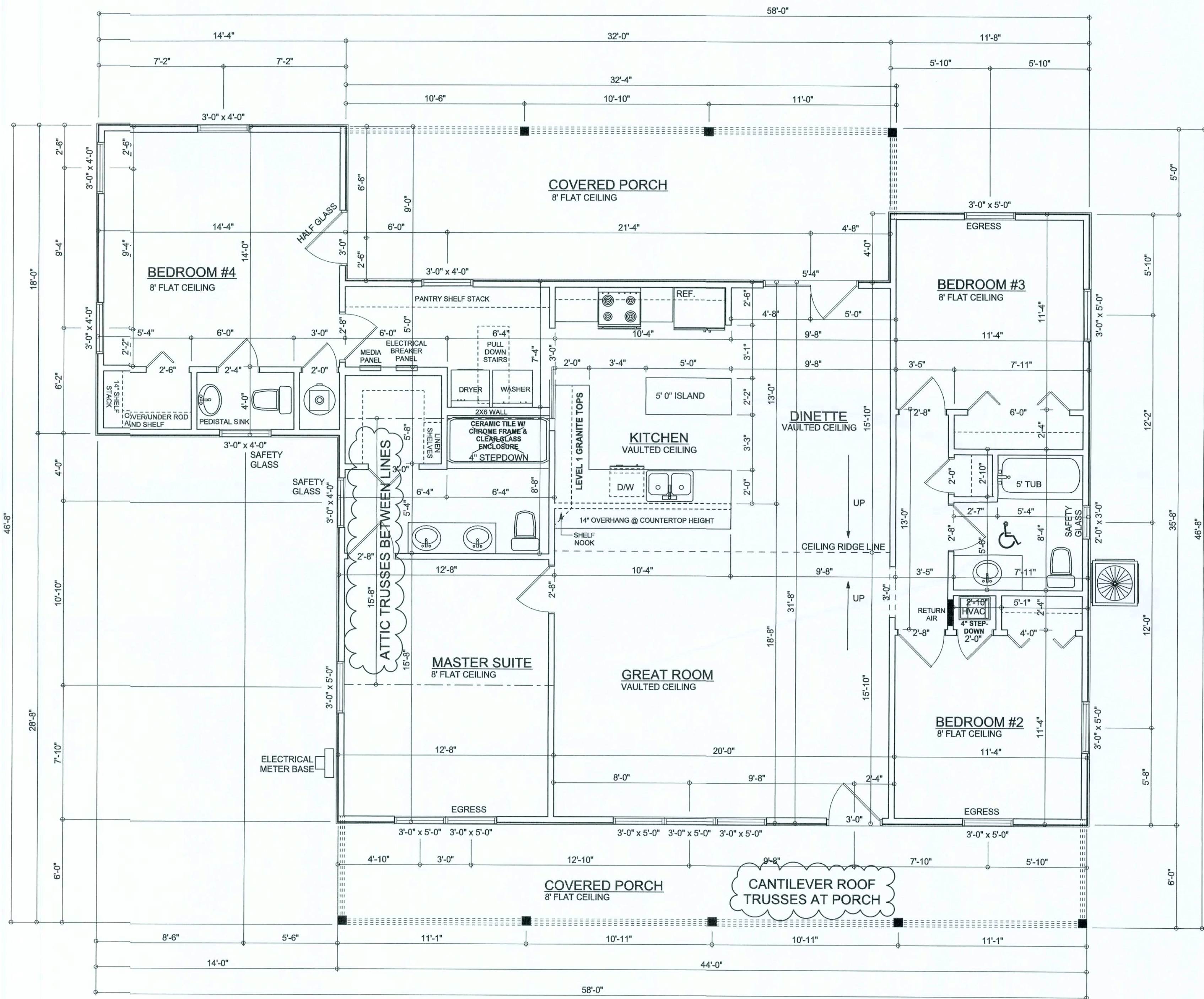
DRAWING NUMBER
#1
OF 3 SHEETS



TYPICAL DESIGN WALL SECTION

NON - STRUCTURAL DATA

SCALE: 1" = 1'-0"



FLOOR PLAN

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

ALL WINDOWS WITHIN 12" OF FINISH FLOOR HEIGHT ARE SAFETY GLASS

AREA SUMMARY

LIVING AREA	1,721	S . F .
COVERED PORCH AREA	548	S . F .
TOTAL AREA	2,269	S . F .

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Residence

ADDRESS:
Parcel#
09-4S-17-08301-009
Columbia County

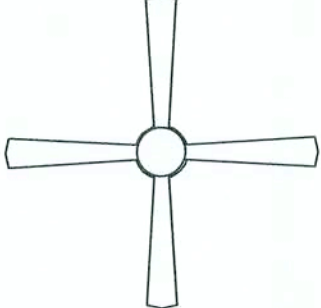
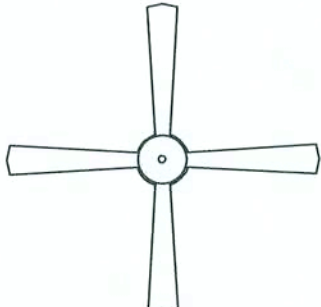
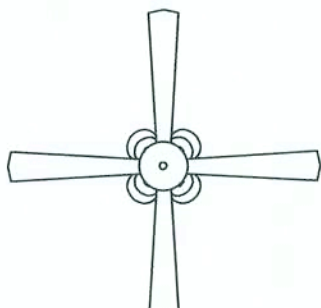
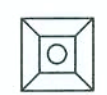
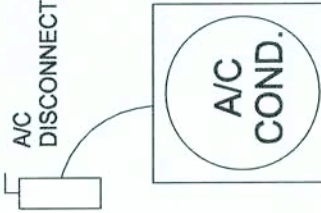
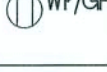
PRINTED DATE:
February 01, 2017

DRAWN BY:
Matthew A. Erkinger Sr.

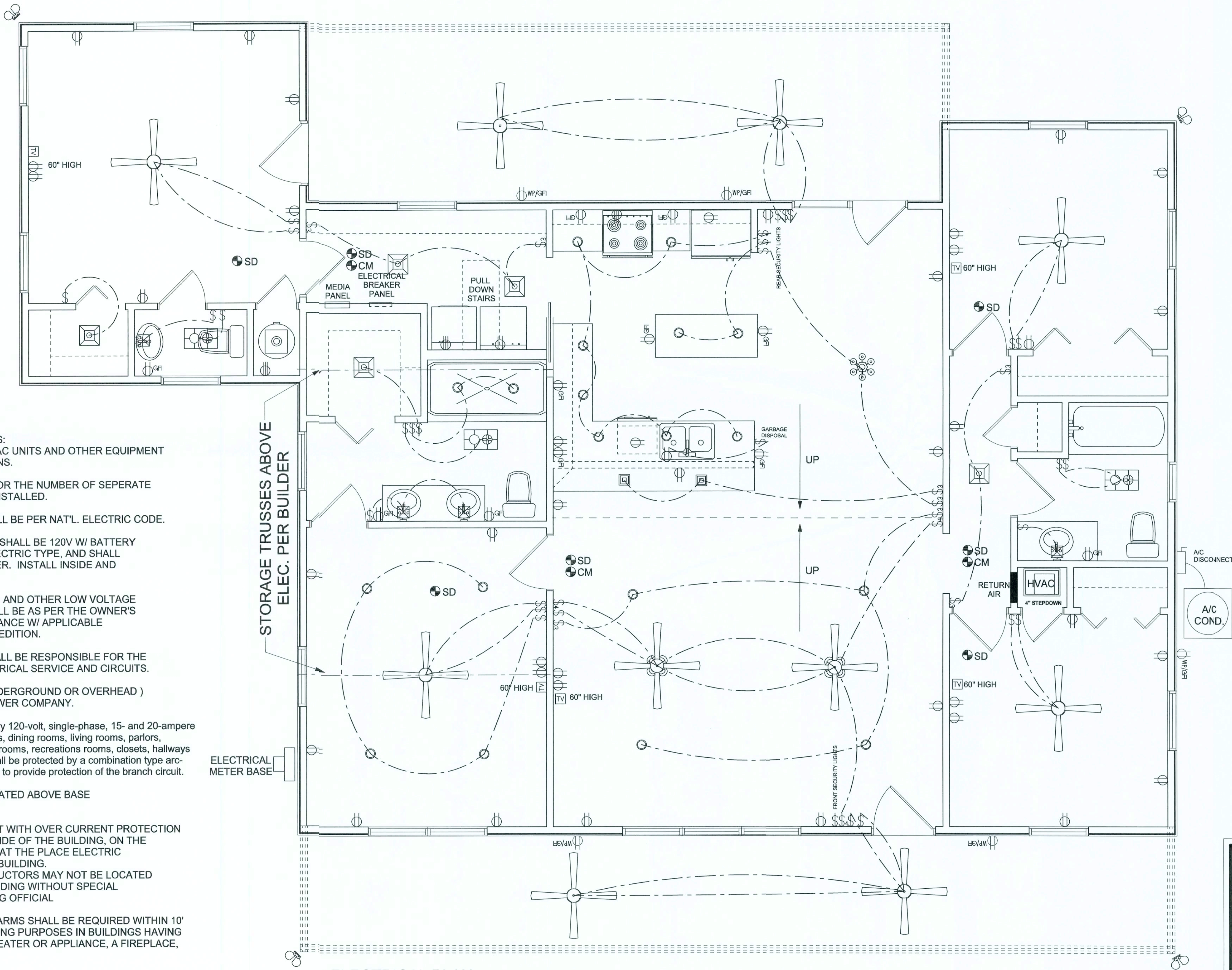
DRAWING NUMBER

#2

OF 3 SHEETS

ELECTRICAL	SYMBOL
electrical panel	
ceiling fan globe 1	
ceiling fan globe 2	
ceiling fan spotlights 1	
ceiling shade square	
exterior light 2	
chandelier	
pendant large	
AC Disconnect	
Fan Light - bathroom	
Light - Can	
Light - Security	
cable tv outlet	
outlet	
outlet 220v	
outlet gfi	
outlet wp gfi	
switch	
switch 3 way	
switch 4 way	

- 1) ELECTRICAL PLAN NOTES:
WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT
PER MANUF. SPECIFICATIONS.
- 2) CONSULT THE OWNER FOR THE NUMBER OF SEPERATE
TELEPHONE LINES TO BE INSTALLED.
- 3) ALL INSTALLATIONS SHALL BE PER NAT'L. ELECTRIC CODE.
- 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.
- 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.
- 6) ELECTRICAL CONTR SHALL BE RESPONSIBLE FOR THE
DESIGN & SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- 7) ENTRY OF SERVICE (UNDERGROUND OR OVERHEAD)
TO BE DETERMINED BY POWER COMPANY.
- 8) All branch circuits that supply 120-volt, single-phase, 15- and 20-ampere
outlets installed in family rooms, dining rooms, living rooms, parlors,
libraries, dens, bedrooms, sunrooms, recreations rooms, closets, hallways
and similar rooms or areas shall be protected by a combination type arc-
fault circuit interrupter installed to provide protection of the branch circuit.
- 9) ALL OUTLETS TO BE LOCATED ABOVE BASE
FLOOD ELEVATION
- 10) 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.
SERVICE ENTRANCE CONDUCTORS MAY NOT BE LOCATED
INSIDE OF THE OF THE BUILDING WITHOUT SPECIAL
APPROVAL OF THE BUILDING OFFICIAL.
- 11) CARBON MONOXIDE ALARMS SHALL BE REQUIRED WITHIN 10'
OF ALL ROOMS FOR SLEEPING PURPOSES IN BUILDINGS HAVING
A FOSSIL-FUEL-BURNING HEATER OR APPLIANCE, A FIREPLACE,
OR ATTACHED GARAGE.



ELECTRICAL PLAN

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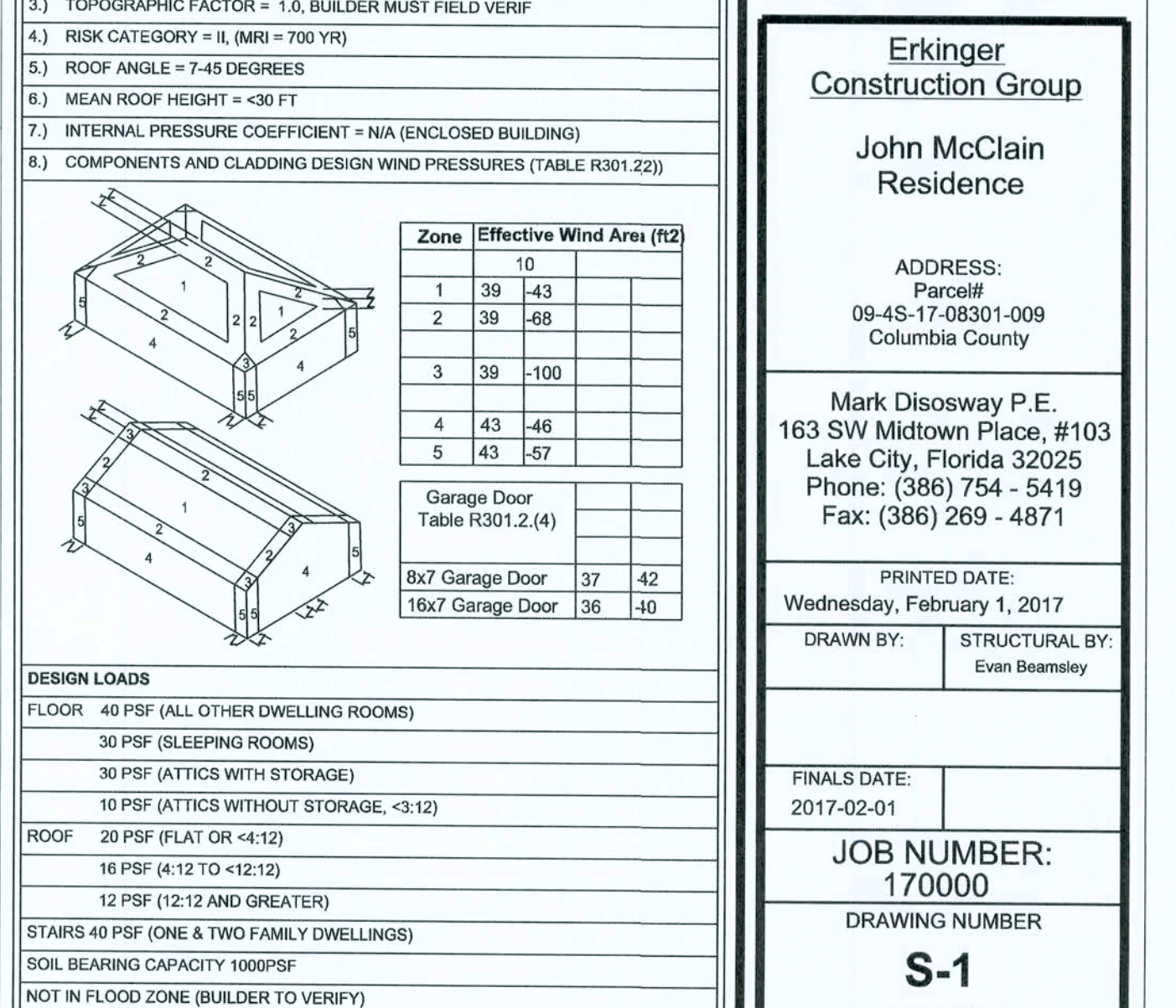
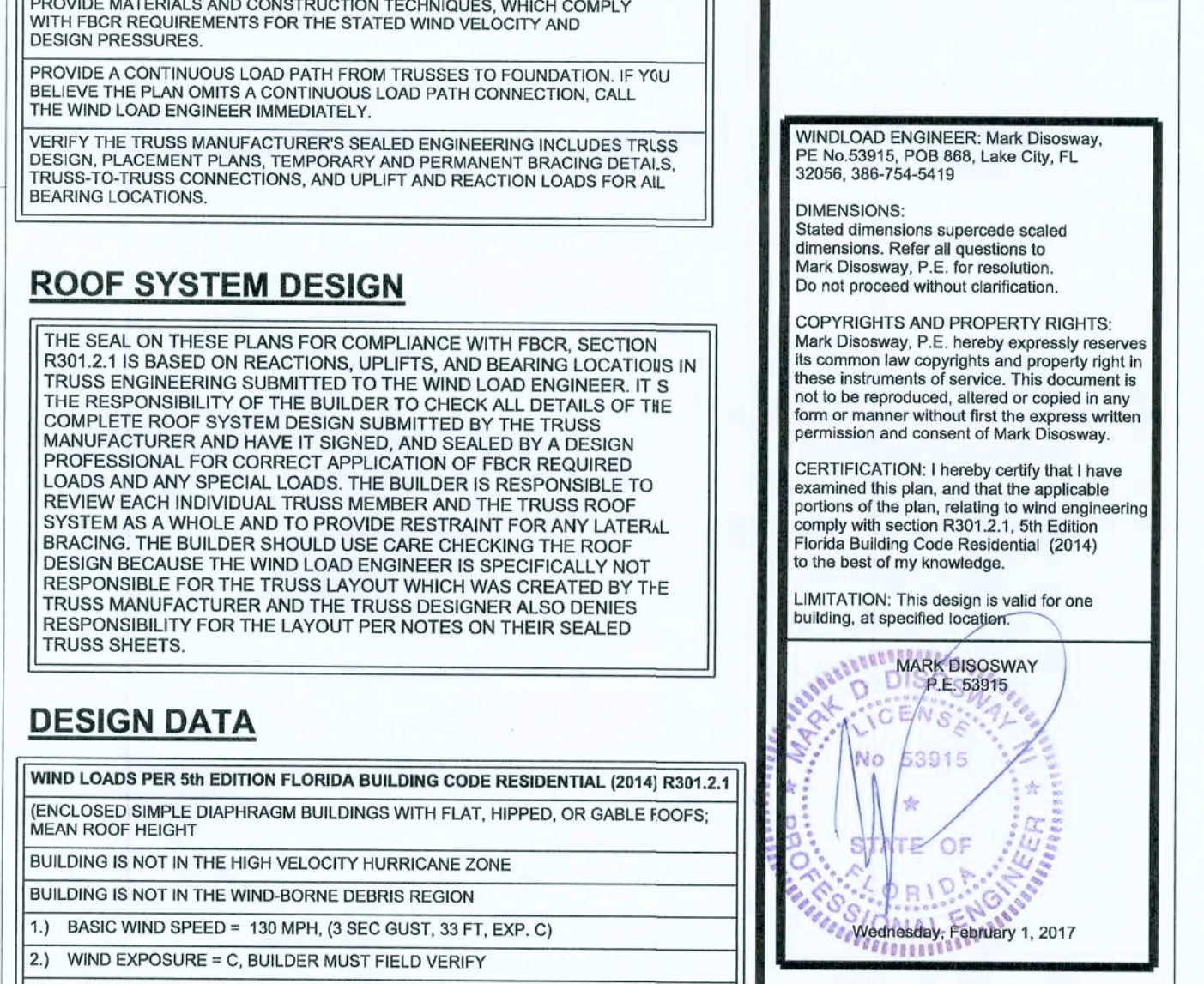
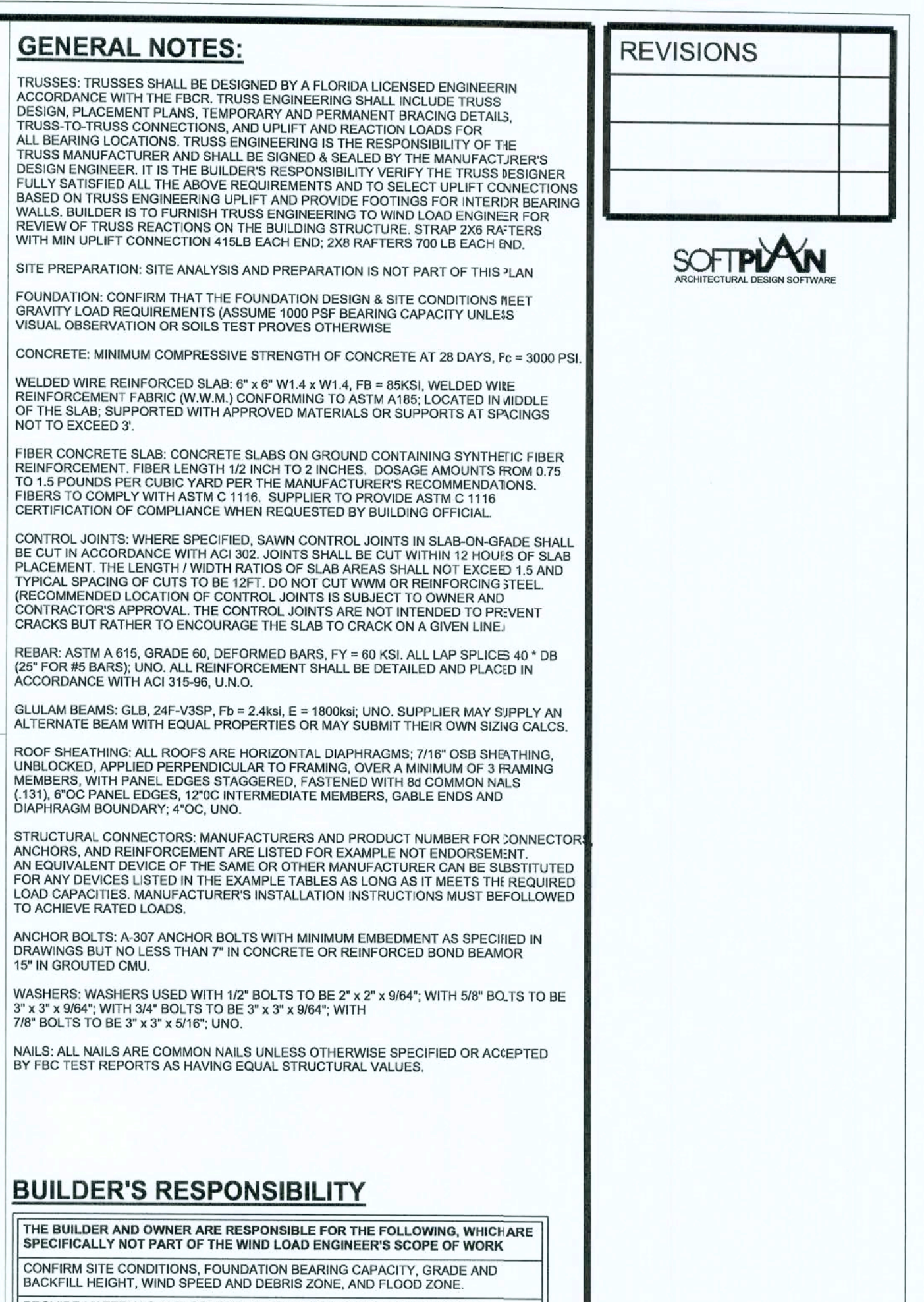
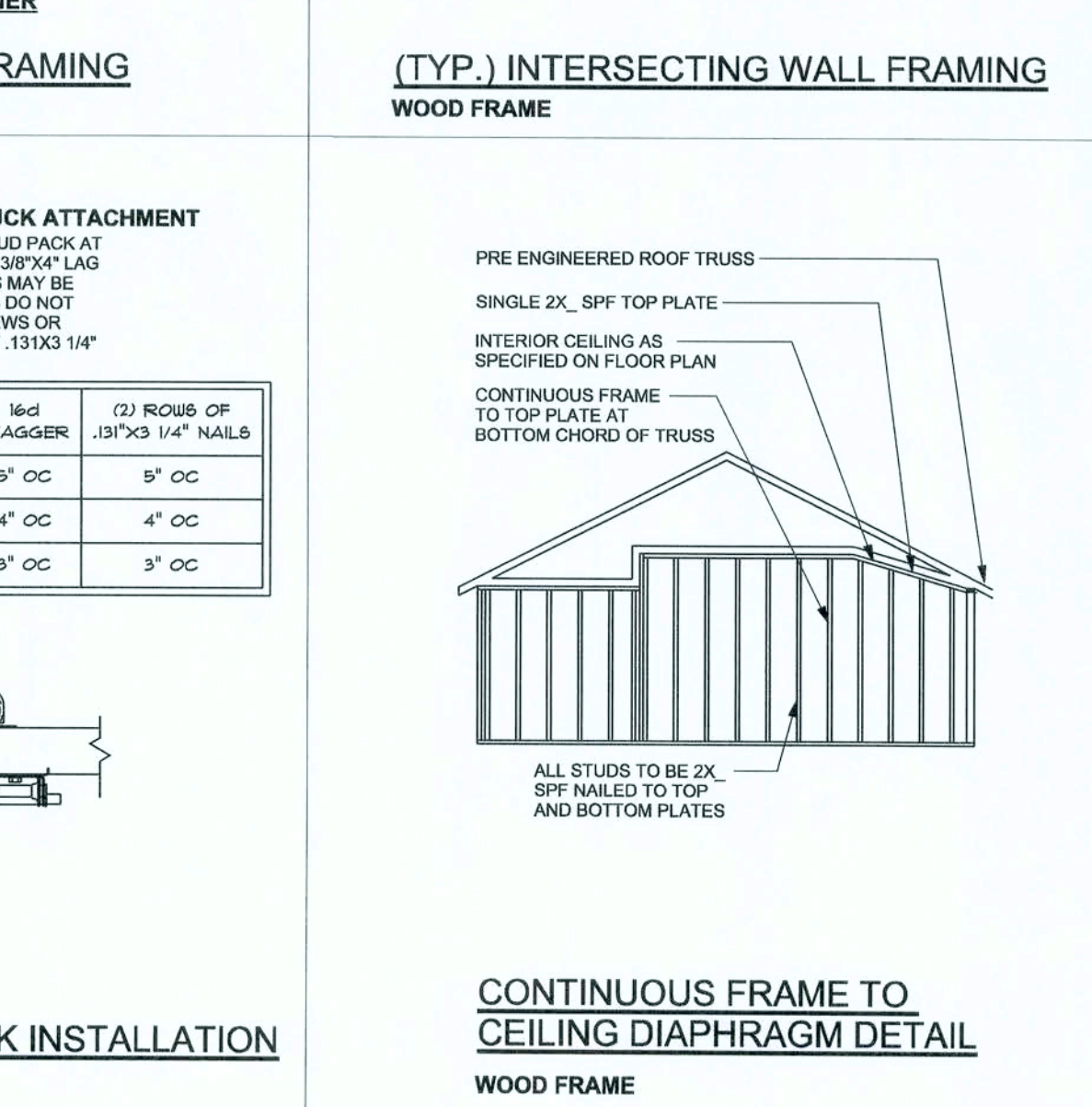
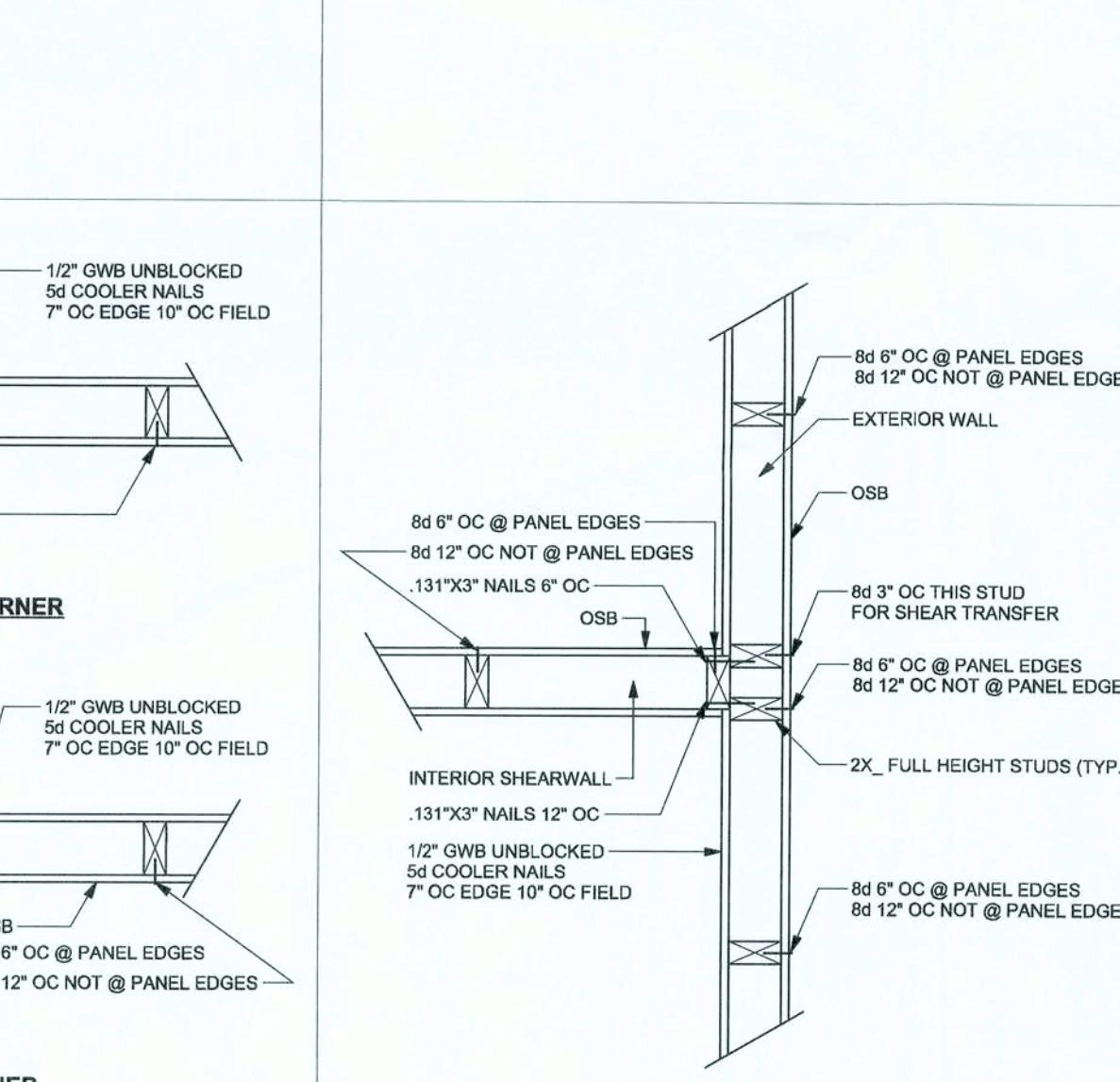
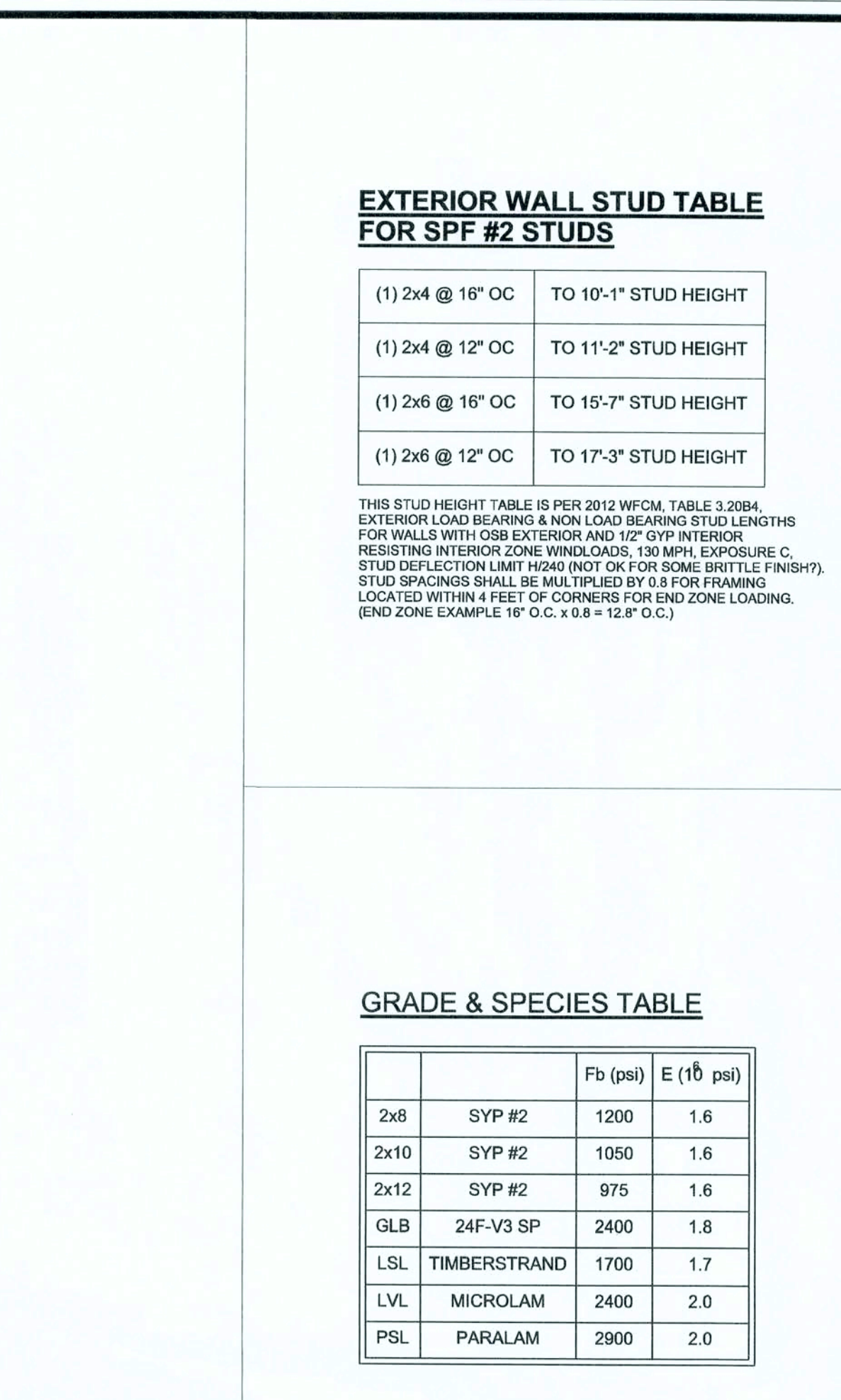
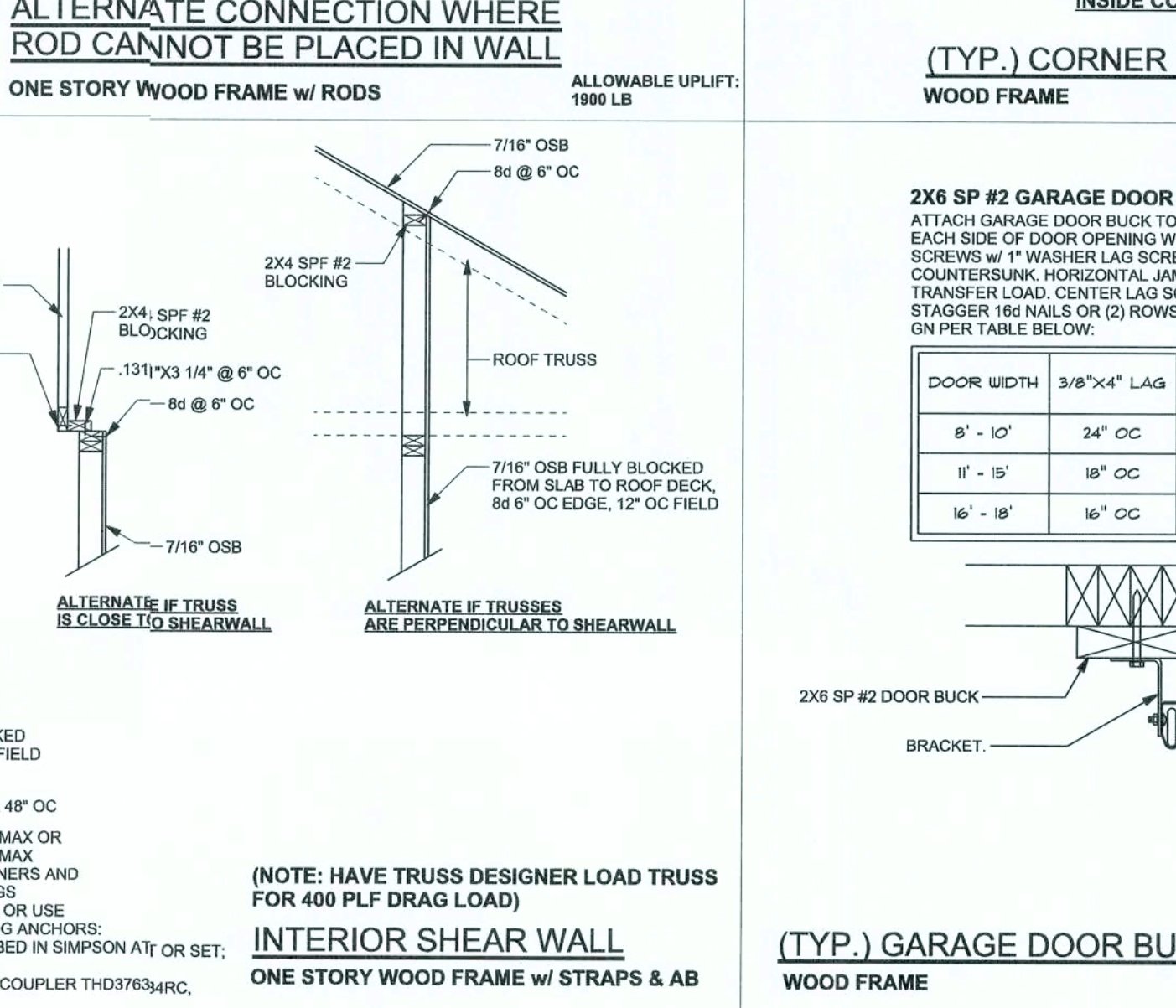
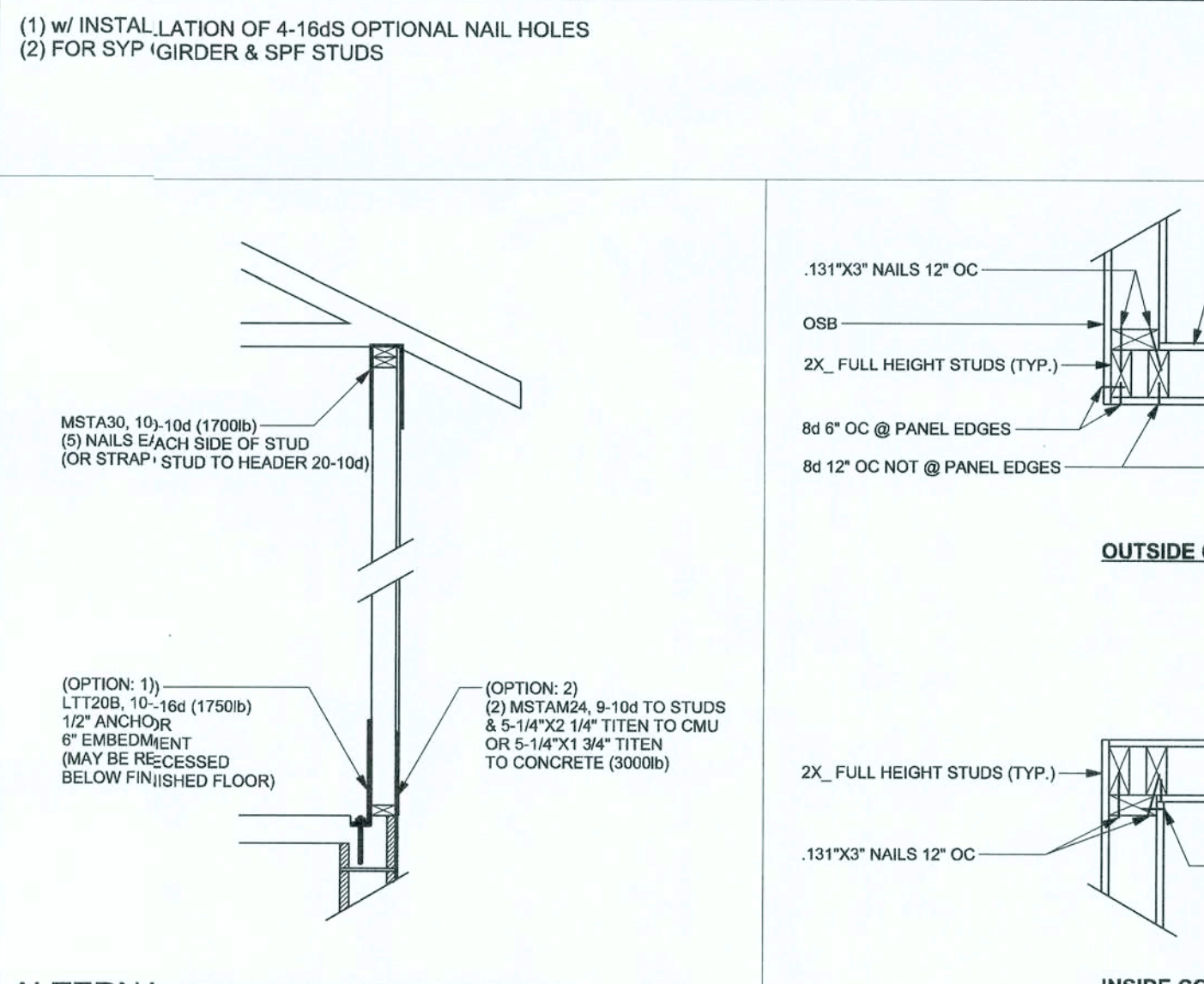
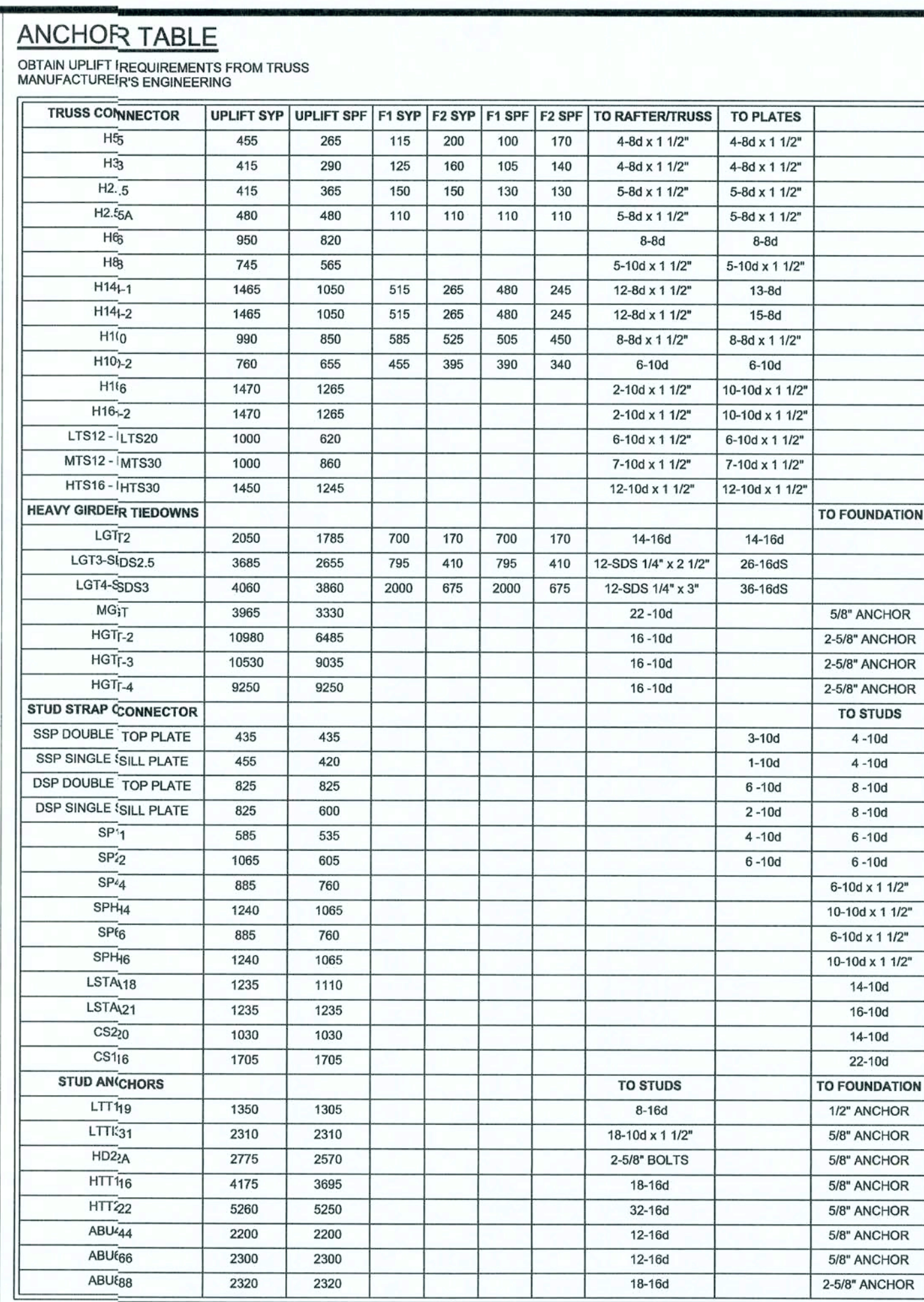
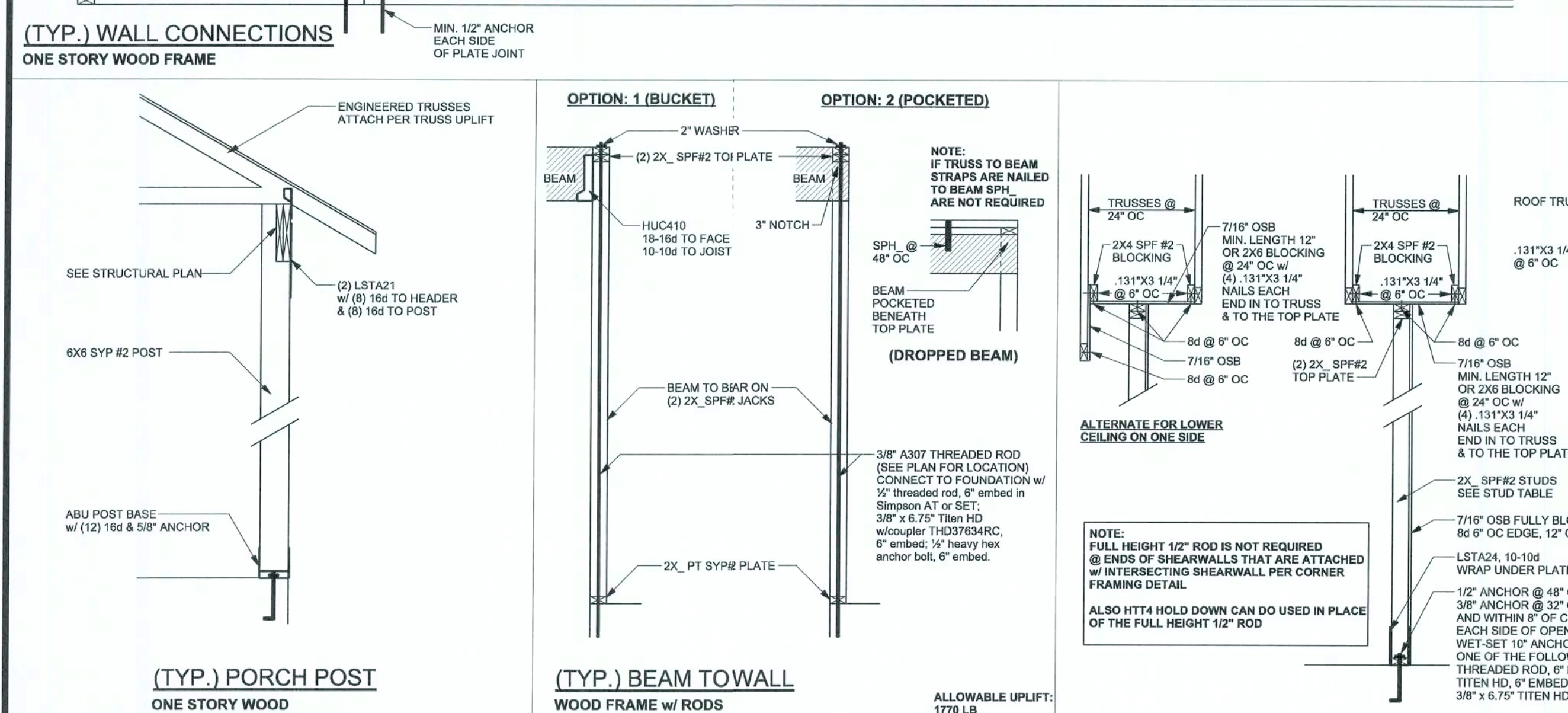
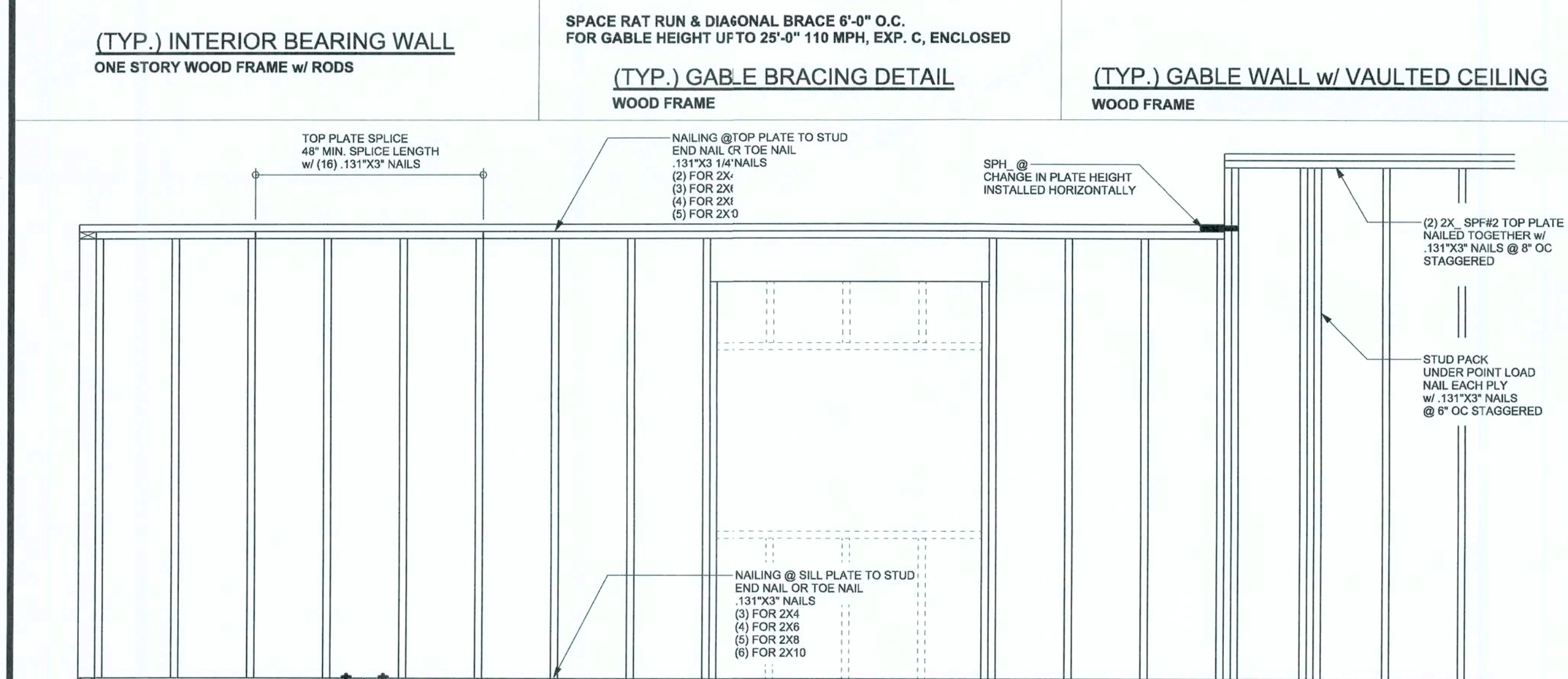
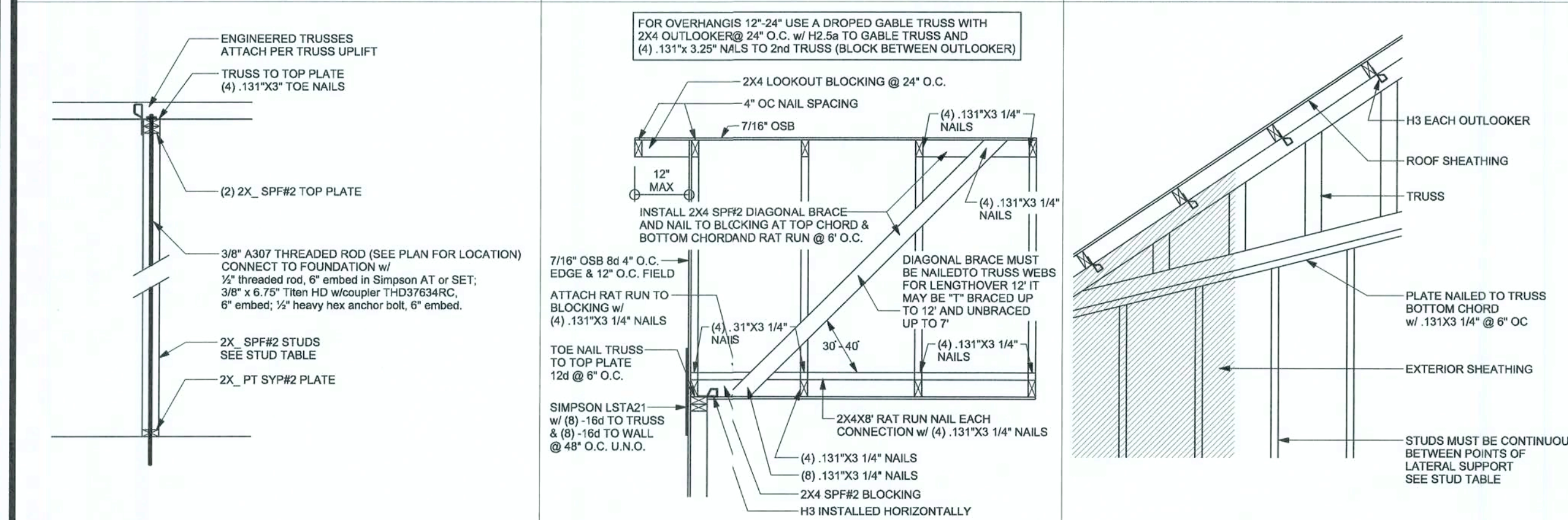
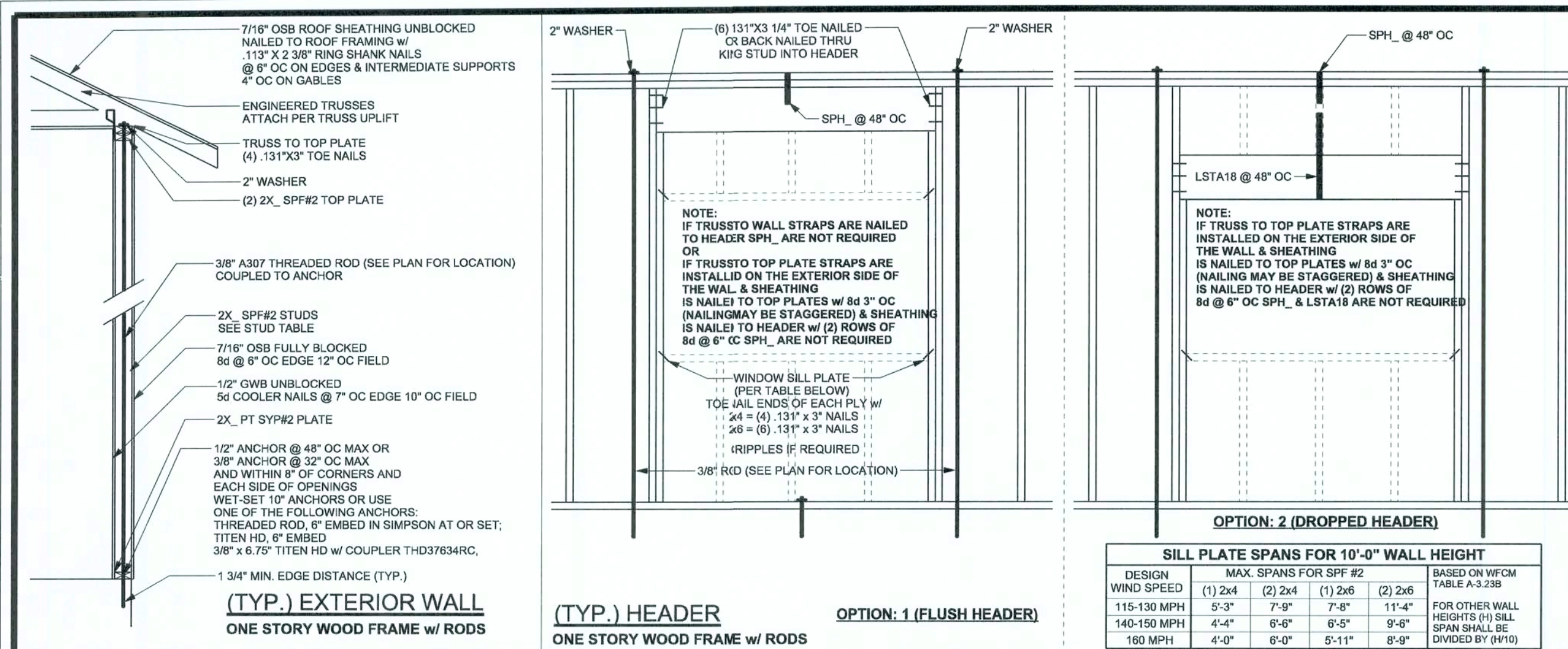
John McClain Residence

ADDRESS:
Parcel# 09-4S-17-08301-009
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PRINTED DATE:
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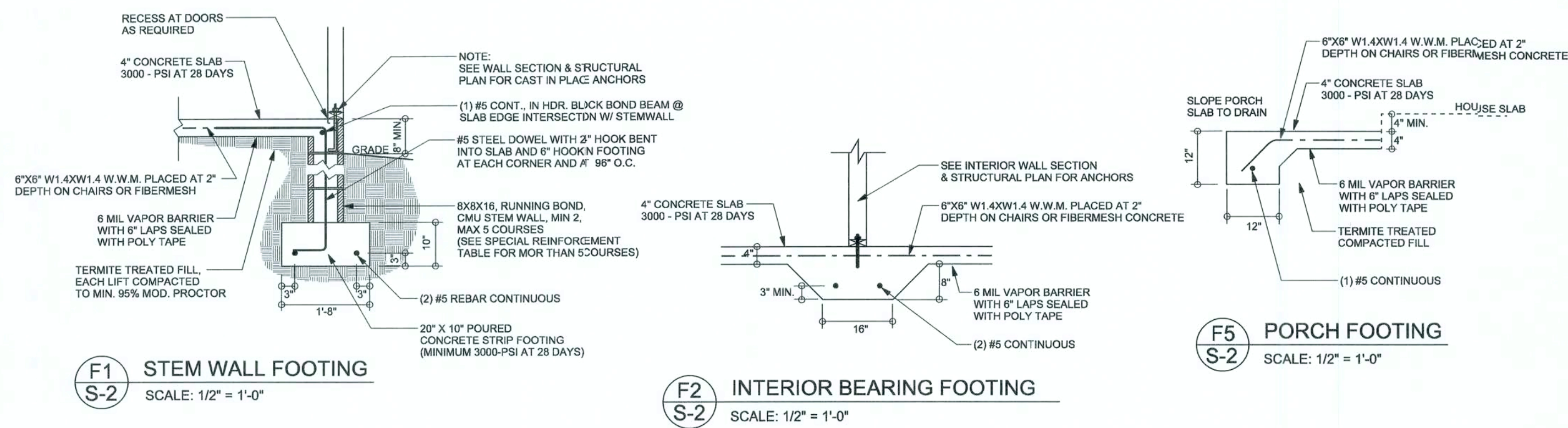
DRAWN BY:
Matthew A. Erkinger Sr.

DRAWING NUMBER
#3
OF 3 SHEETS



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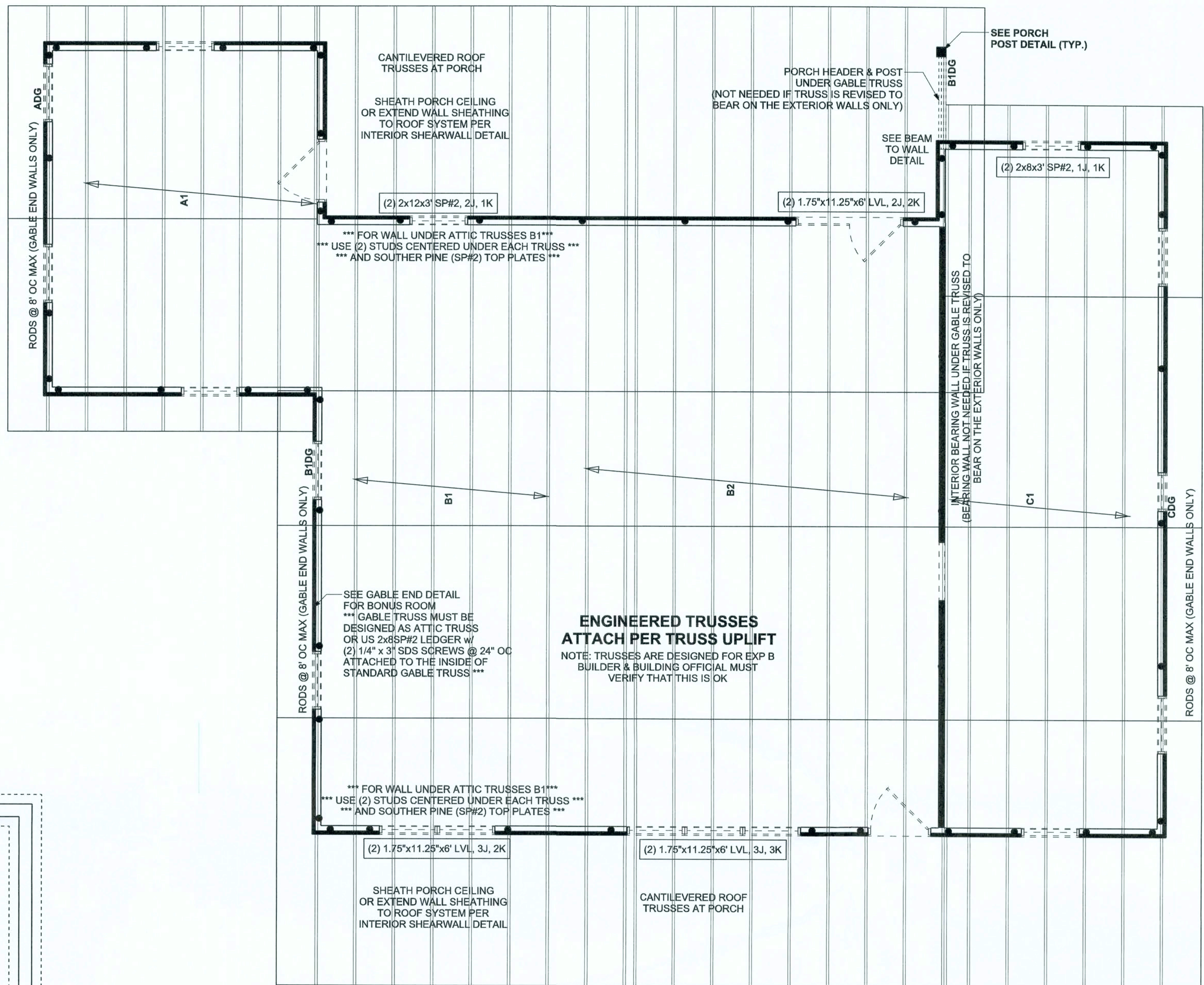
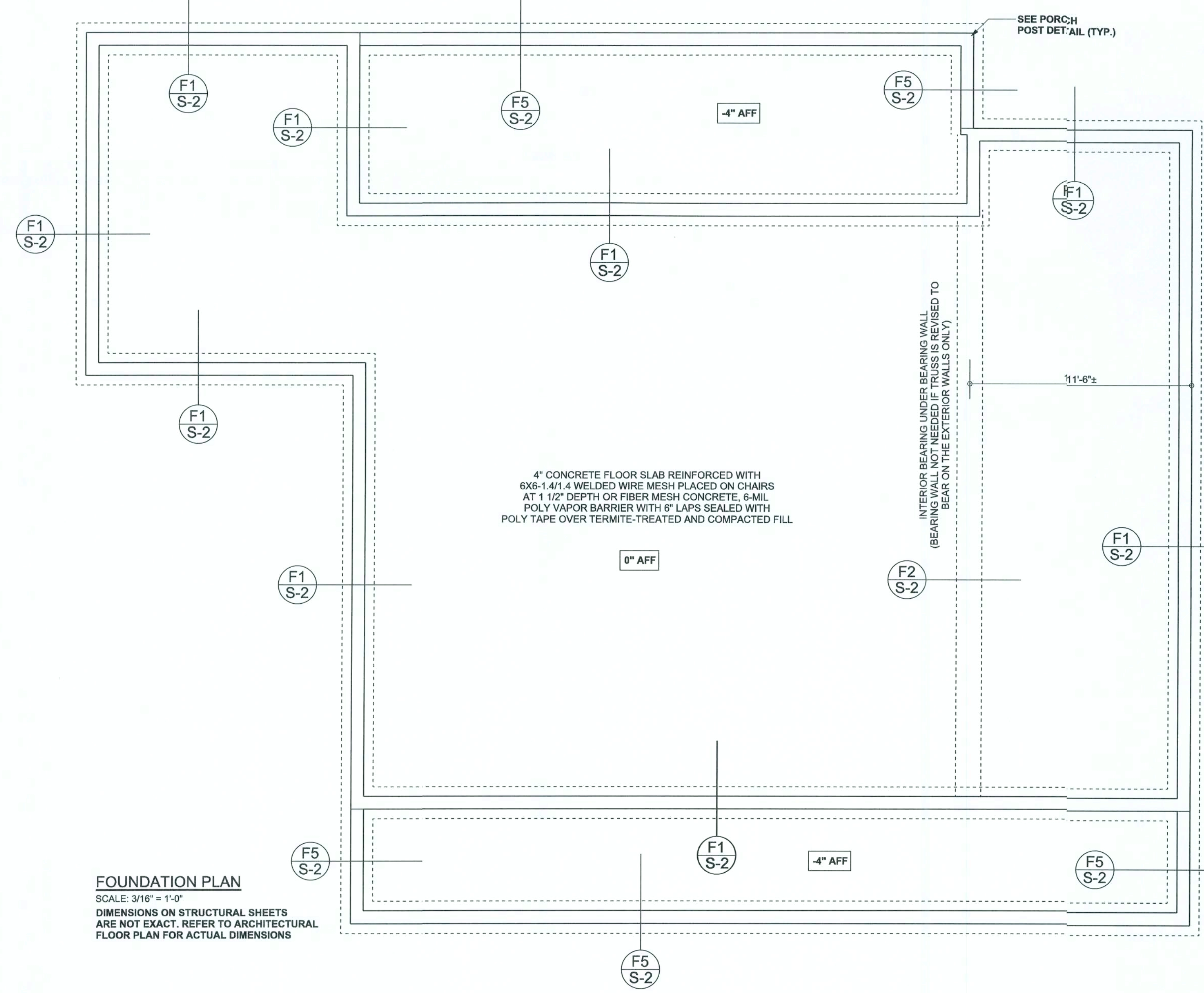
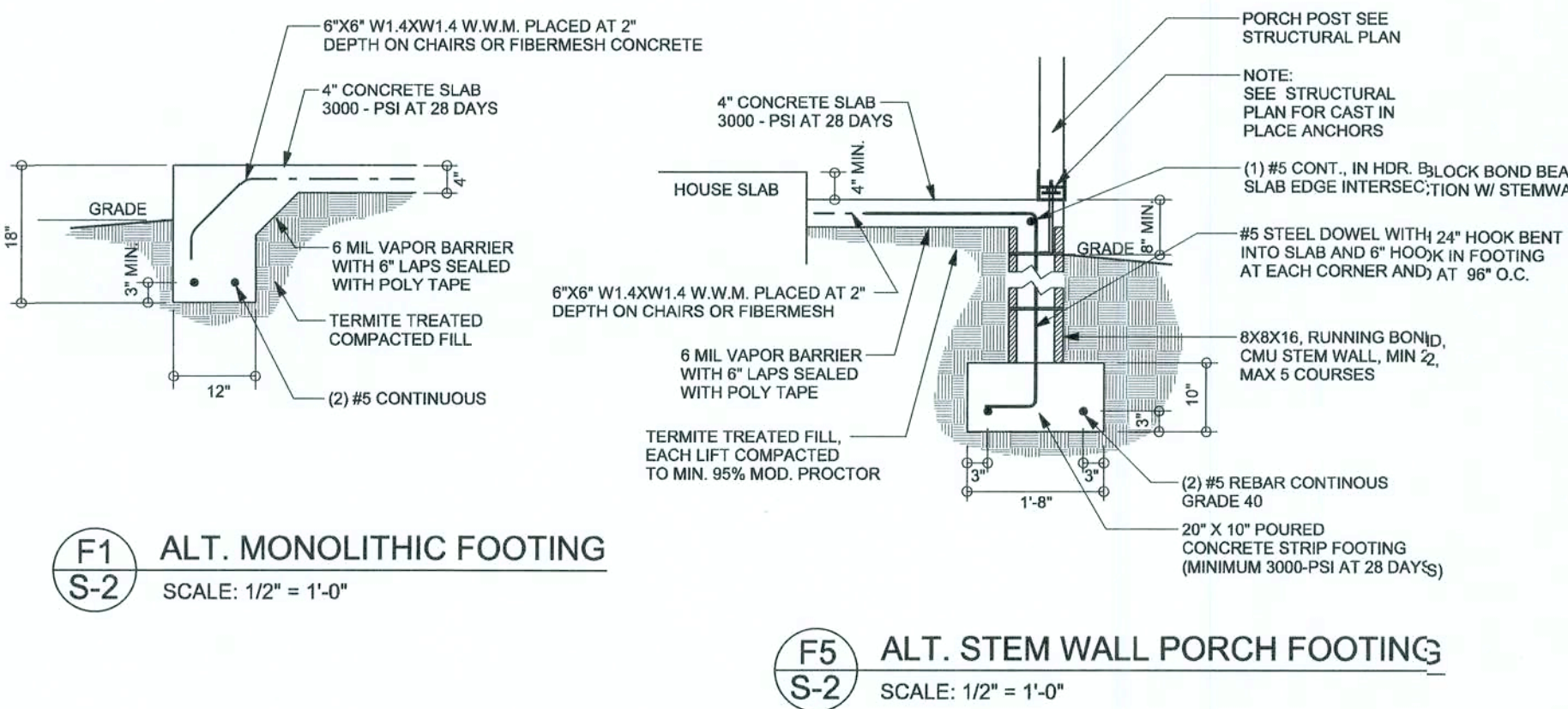
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TALL STEM WALL TABLE

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 Dupont 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



STRUCTURAL PLAN

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

WALL LEGEND

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

THREADED ROD LEGEND

INDICATES LOCATION OF:
1ST FLOOR 3/8" A307 ALL THREADED ROD

STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X6 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 BCS1-03, BCS1-B1, BCS1-B2, & BCS1-B3. BCS1-B1, BCS1-B2, & BCS1-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

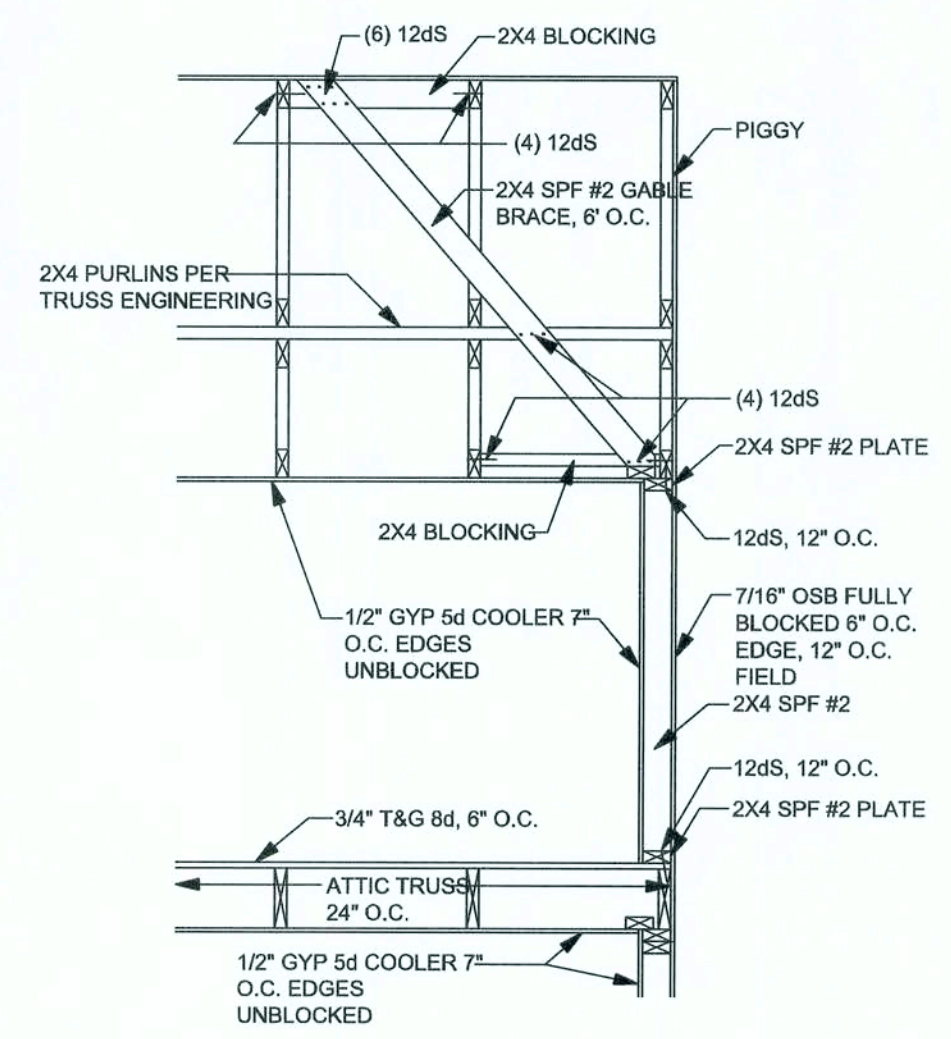
TOTAL SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	15871 LBS	27992 LBS
LONGITUDINAL	11191 LBS	32395 LBS

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. ANDERSON TRUSS JOB #16-126A

HEADER LEGEND

(2) 2X10X0', 1J 1K
 NUMBER OF KING STUDS FULL LENGTH)
 NUMBER OF JACK STUDS (UNDER HEADER)
 SPAN OF HEADER
 SIZE OF HEADER MATERIAL
 NUMBER OF PLIES IN HEADER



BONUS ROOM / GABLE END BRACING

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

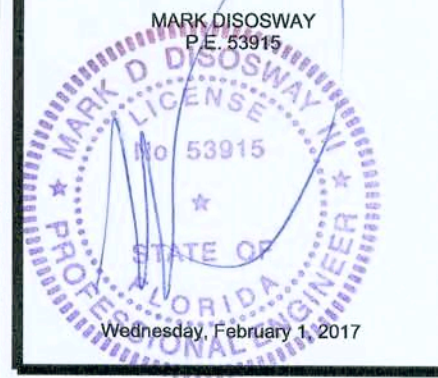
WINDLOAD ENGINEER: Mark Disoway
P.E. No. 53915, P.O.B. 698, Lake City, FL 32056, 386-754-5419

DIMENSIONS: Stated dimensions supersede scaled dimensions. Refer all questions to Mark Disoway, 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 R301.2.1, 5th Edition Florida Building Code Residential (2014) to the best of my knowledge.

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



Erkinger Construction Group
John McClain
Residence

ADDRESS:
Parcel#
09-4S-17-06301-009
Columbia County

Mark Disoway P.E.
163 SW Midtown Place, #103
Lake City, Florida 32025
Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
Wednesday, February 1, 2017
DRAWN BY: Evan Beamsley
STRUCTURAL BY:

FINALS DATE:
2017-02-01

JOB NUMBER:
170000
DRAWING NUMBER
S-2
OF 2 SHEETS