

A BOUNDARY SURVEY IN SECTION 36, TOWNSHIP 7 SOUTH,
RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA

POINT OF COMMENCEMENT
OF PARCEL & EASEMENT
NW CORNER OF NW 1/4
OF SECTION 36, TOWNSHIP
4 SOUTH, RANGE 16 EAST

POINT OF BEGINNING
OF EASEMENT 1

POINT OF BEGINNING
OF PARCEL
L.S. BRITT
P.L.S. 5757

POINT OF BEGINNING
OF EASEMENT 2

POINT OF TERMINATION
OF EASEMENT 2

POINT OF TERMINATION
OF EASEMENT 1

DESCRIPTION:
A PART OF THE NW 1/4 OF SECTION 36, TOWNSHIP 7 SOUTH, RANGE 16 EAST, MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE NW CORNER OF SAID NW 1/4 AND RUN S.01°06'32"E, ALONG THE WEST LINE THEREOF, 1831.04 FEET FOR A POINT OF BEGINNING; THENCE N.88°54'35"E, 1310.15 FEET; THENCE S.01°05'56"E, 366.08 FEET; THENCE S.88°54'35"W, 1045.84 FEET; THENCE N.01°06'32"W, 336.08 FEET; THENCE S.88°54'35"W, 264.10 FEET TO A POINT ON THE WEST LINE OF SAID NW 1/4; THENCE N.01°06'32"W, 30.37 FEET TO THE POINT OF BEGINNING, COLUMBIA COUNTY, FLORIDA, CONTAINING 8.98 ACRES, MORE OR LESS.

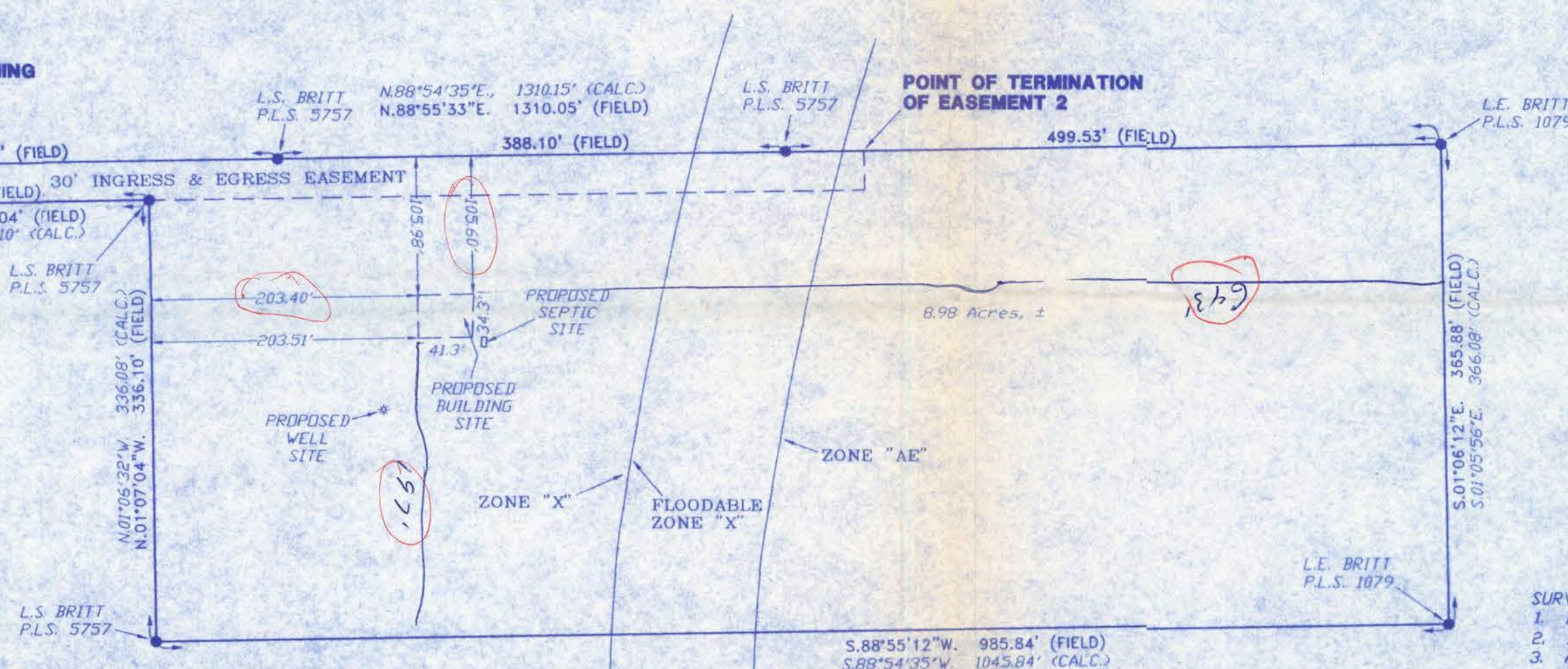
EASEMENT 1:
TOGETHER WITH AND SUBJECT TO AN EASEMENT FOR INGRESS, EGRESS AND PUBLIC UTILITIES OVER AND ACROSS A 60 FOOT STRIP OF LAND LYING ADJACENT TO AND EAST OF THE FOLLOWING DESCRIBED LINE; COMMENCE AT THE NW CORNER OF SECTION 36, TOWNSHIP 7 SOUTH, RANGE 16 EAST AND RUN S.01°06'32"E, ALONG THE WEST LINE THEREOF, 1268.76 FEET FOR A POINT OF BEGINNING; THENCE CONTINUE S.01°06'32"E, 1018.35 FEET TO THE POINT OF TERMINATION OF SAID EASEMENT.

ALSO: EASEMENT 2:
SUBJECT TO AN EASEMENT FOR INGRESS, EGRESS AND UTILITY PURPOSES OVER AND ACROSS THE FOLLOWING: COMMENCE AT THE NORTHWEST CORNER OF SAID SECTION 36, AND RUN N.89°36'20"E, ALONG THE NORTH LINE THEREOF, 35.00 FEET TO THE EAST RIGHT-OF-WAY LINE OF RUM ISLAND ROAD, (A 60 FOOT RIGHT-OF-WAY); THENCE S.01°05'47"E, ALONG SAID RIGHT-OF-WAY, 1830.61 FEET FOR A POINT OF BEGINNING; THENCE N.88°54'35"E, 836.35 FEET; THENCE S.01°05'49"E, 30.00 FEET; THENCE S.88°54'35"W, 836.35 FEET; THENCE N.01°05'47"W, 30.00 FEET TO THE POINT OF BEGINNING.

SYMBOL LEGEND

- 4"x4" CONCRETE MONUMENT FOUND
- 4"x4" CONCRETE MONUMENT SET
- IRON PIPE FOUND
- IRON PIN AND CAP SET
- ⊕ POWER POLE
- ▲ WATER METER
- ⌒ CENTERLINE
- * WELL
- ⊙ SATELLITE DISH
- ⊙ TELEPHONE BOX
- ELECTRIC LINES
- WIRE FENCE
- CHAIN LINK FENCE
- WOODEN FENCE

SCALE: 1" = 100'



SURVEYOR'S NOTES:

1. BOUNDARY BASED ON MONUMENTATION FOUND.
2. BEARINGS ARE BASED ON A PREVIOUS SURVEY BY THIS OFFICE.
3. A PORTION OF THIS PARCEL IS IN ZONE "AE" AND IS SUBJECT TO FLOODING. A BASE FLOOD ELEVATION IS ESTABLISHED TO BE 39 FEET. A PORTION OF THIS PARCEL IS IN FLOODABLE ZONE "X" AND ARE AREAS OF 500 YEAR FLOOD; AREAS OF 100 OF 100 YEAR FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 100 YEAR FLOOD. A PORTION OF THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE OF THE 500 YEAR FLOOD PLAIN AS PER FLOOD INSURANCE RATE MAP, DATED 6 JAN. 1988 COMMUNITY PANEL NO. 120070 0270 B. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE.
4. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
5. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
6. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.
7. ACCORDING TO THE DEEDS OF RECORD AS HANDED THIS OFFICE, IT APPEARS THAT THERE IS A PARCEL OF LAND BETWEEN THE TWO PARCELS WHICH IS NOT INCLUDED IN THE DEEDS.

CERTIFIED TO:

CASON BUILDERS, INC.

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

09/27/07
FIELD SURVEY DATE

10/01/07
DRAWING DATE

L. SCOTT BRITT, P.S.M.
CERTIFICATION # 5757

NOTE: UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.



BRITT SURVEYING
& ASSOCIATES, INC.

LAND SURVEYORS AND MAPPERS
830 WEST DUVAL STREET
LAKE CITY, FLORIDA 32055

TELEPHONE: (386) 752-7163 FAX: (386) 752-5573

WORK ORDER # L-18798

FIELD BOOK: 302 PAGE(S): 53

REVISIONS

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

REQUIRED ROOF VENTILATION:
AS PER FLORIDA BUILDING CODE 2309.7

RIDGE VENT
MIN. 50% TOTAL VENT AREA
LOCATED IN THE UPPER PORTION OF ATTIC (MIN. 3' ABOVE EAVE)
1216 S.F. / 300 x 50% = 2.02 S.F. RIDGE VENT AREA REQUIRED
18.42 FEET OF RIDGE VENT REQUIRED

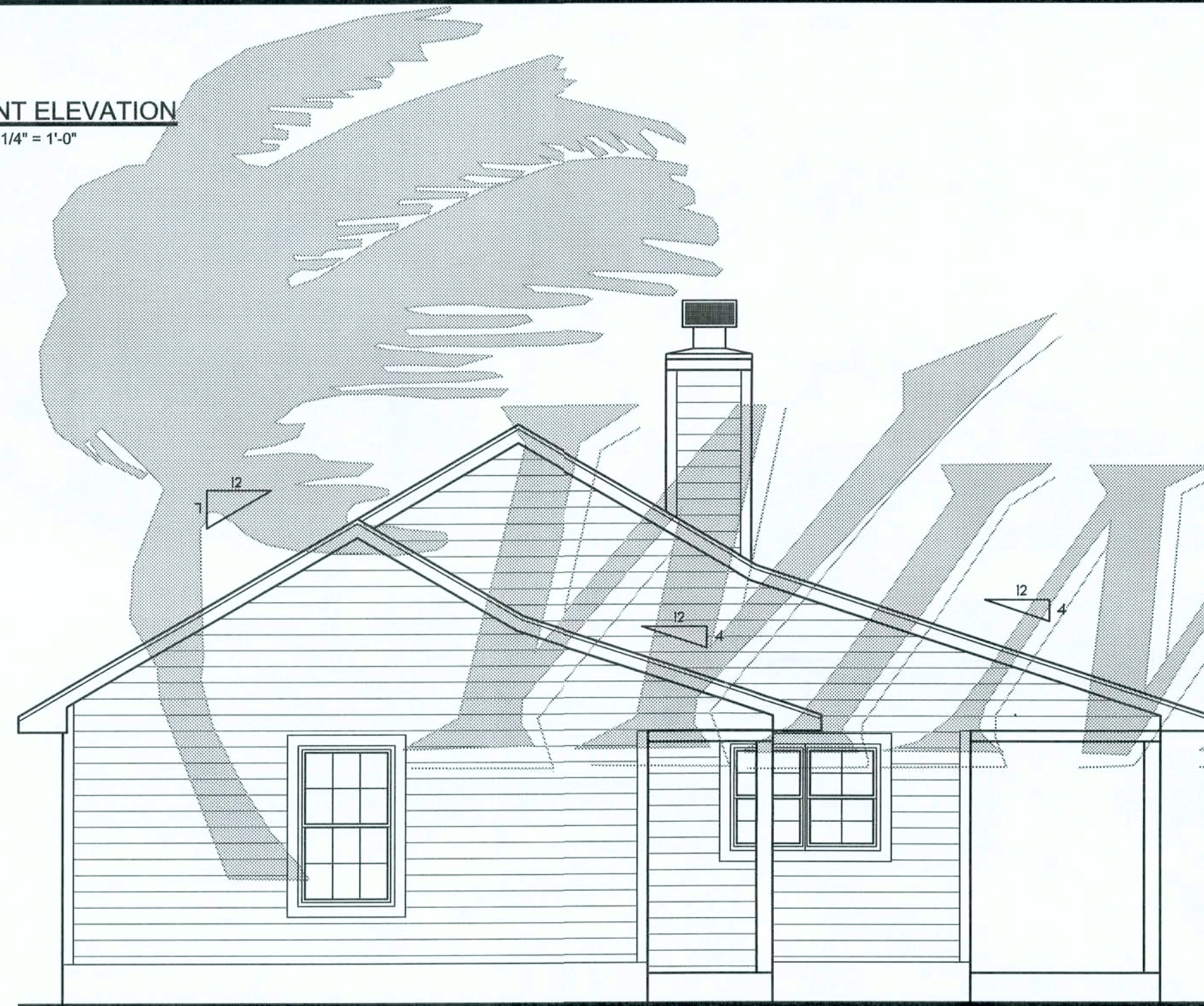
SOFFIT VENT
1216 S.F. / 300 x 50% = 2.02 S.F. SOFFIT VENT AREA REQUIRED
67.33 FEET OF SOFFIT VENT REQUIRED

BUILDER MUST VERIFY THE FOLLOWING MINIMUM NET FREE VENT AREAS:

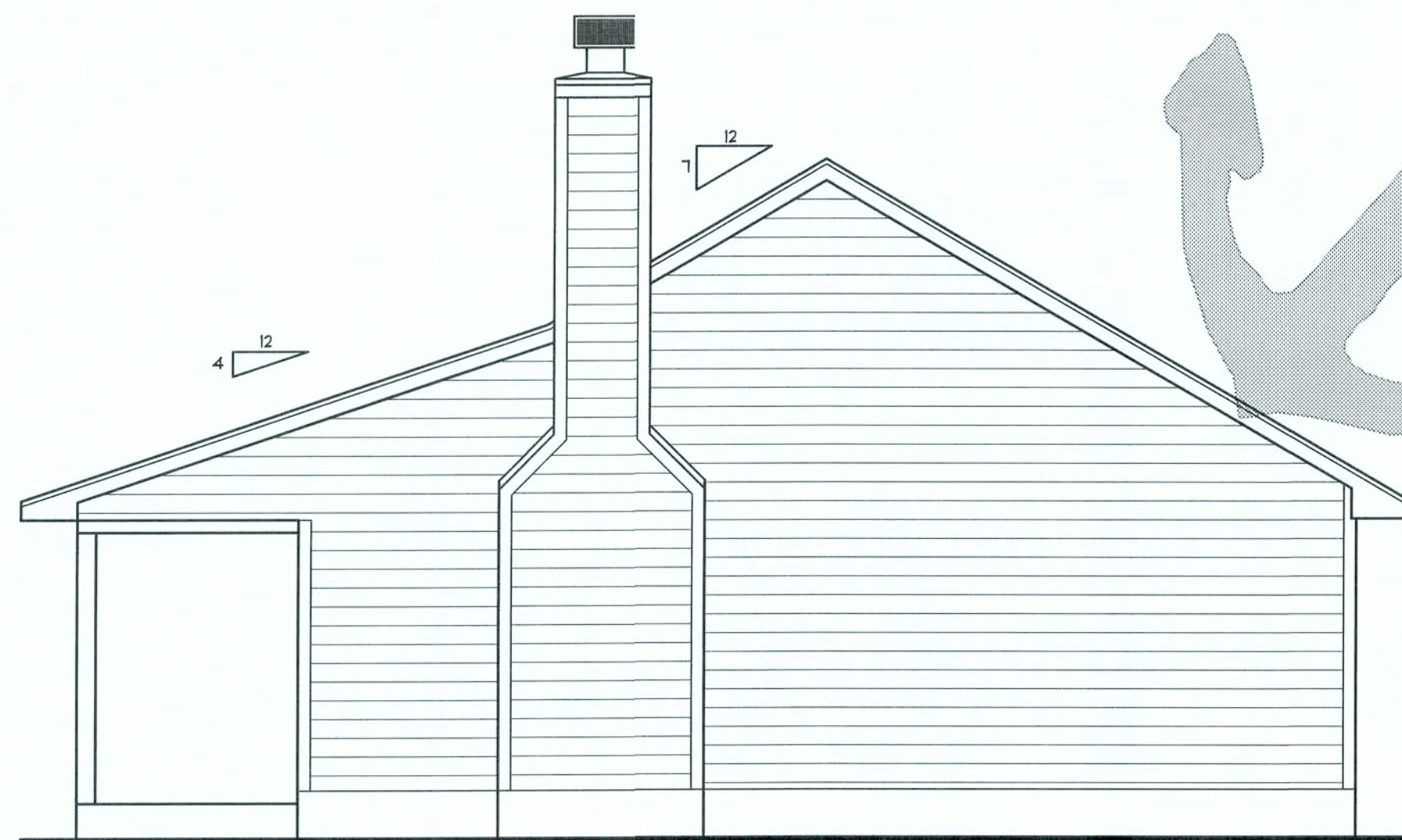
1. RIDGE VENTS = 16 IN2/FT (.11 FT2/FT)
2. OFF-RIDGE VENTS = .70 FT2 PER 4' UNIT
3. SOFFIT VENTS = 4.3 IN2/FT (.03 FT2/FT)



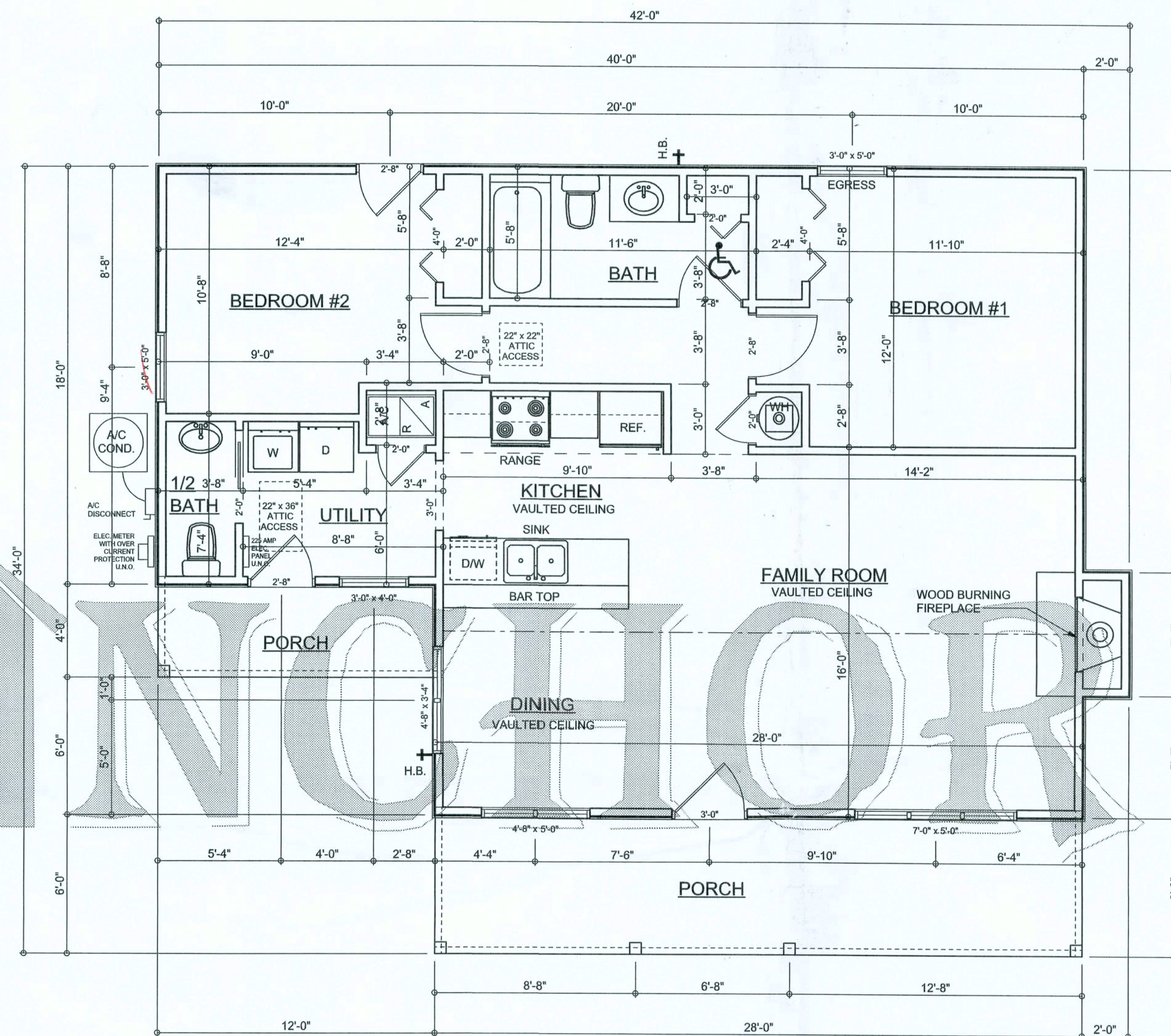
FRONT ELEVATION
SCALE: 1/4" = 1'-0"



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



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

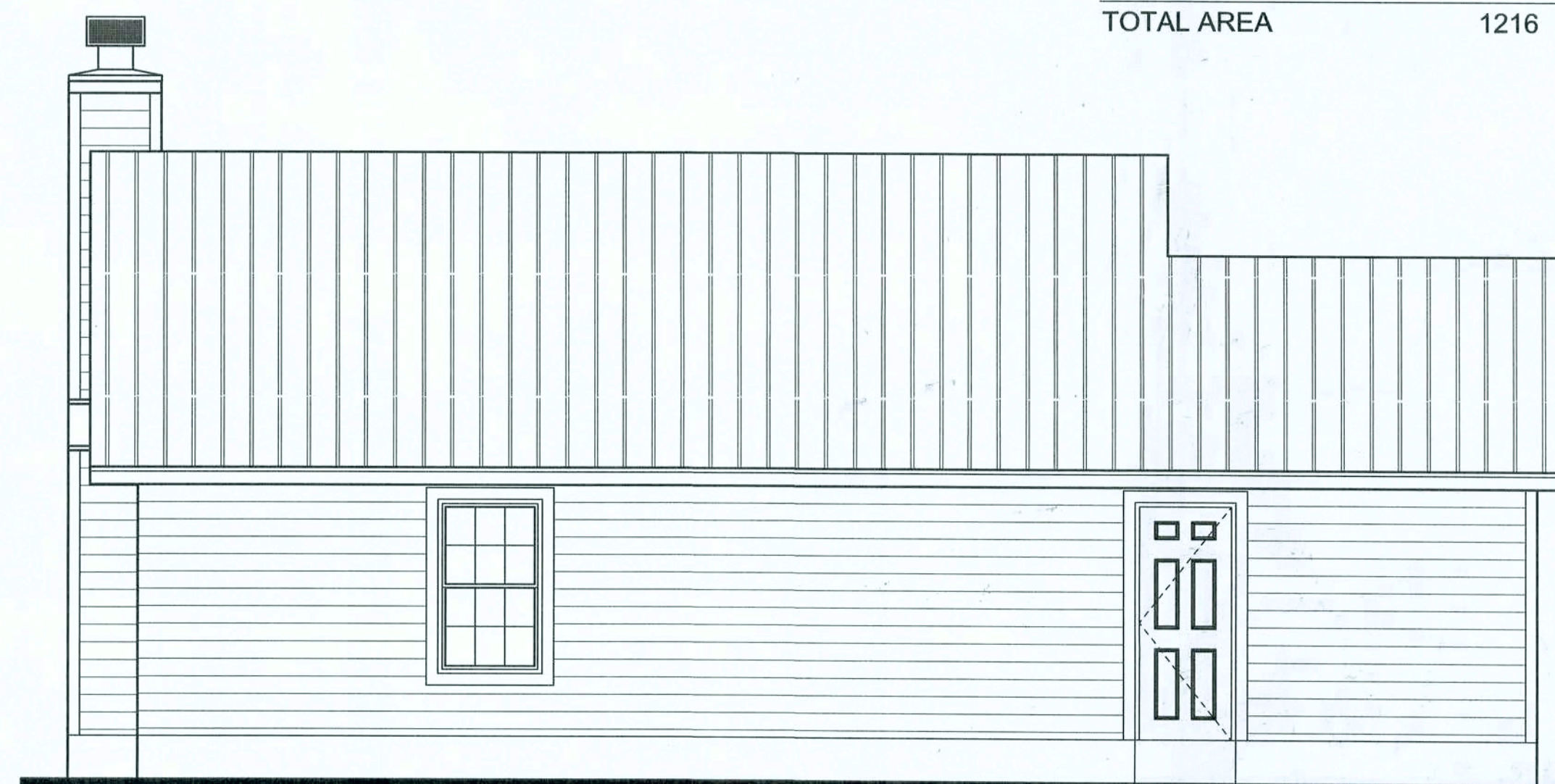


FLOOR PLAN

SCALE: 1/4" = 1'-0"
ALL CEILING HEIGHTS TO BE 8'-0" UNLESS NOTED OTHERWISE

AREA SUMMARY

LIVING AREA	1000	S. F.
PORCH AREA	216	S. F.
TOTAL AREA	1216	S. F.



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

WINDLOAD ENGINEER: Mark Disoway,
P.E. No. 53915, P.O. Box 868, 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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permission and consent of Mark Disoway.

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 RS01 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 DISOWAY
P.E. 53915

Mark Disoway
3/28/07
SEAL

Cason Builders, Inc.

Payne Residence

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PRINTED DATE:
September 03, 2007

DRAWN BY: CHECKED BY:

FINALS DATE:
03 / Sep / 07

JOB NUMBER:
708172

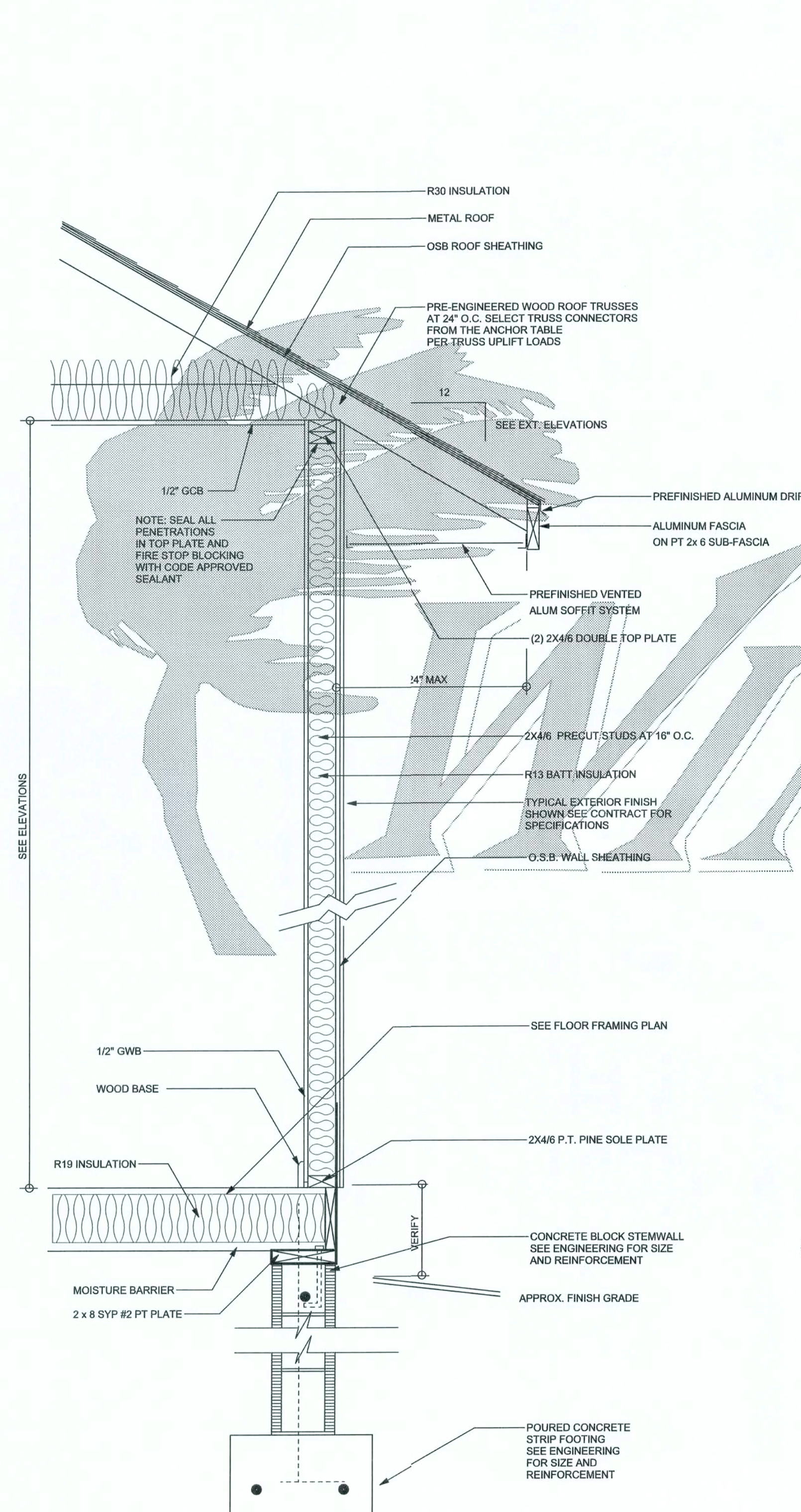
DRAWING NUMBER

A-1

OF 4 SHEETS

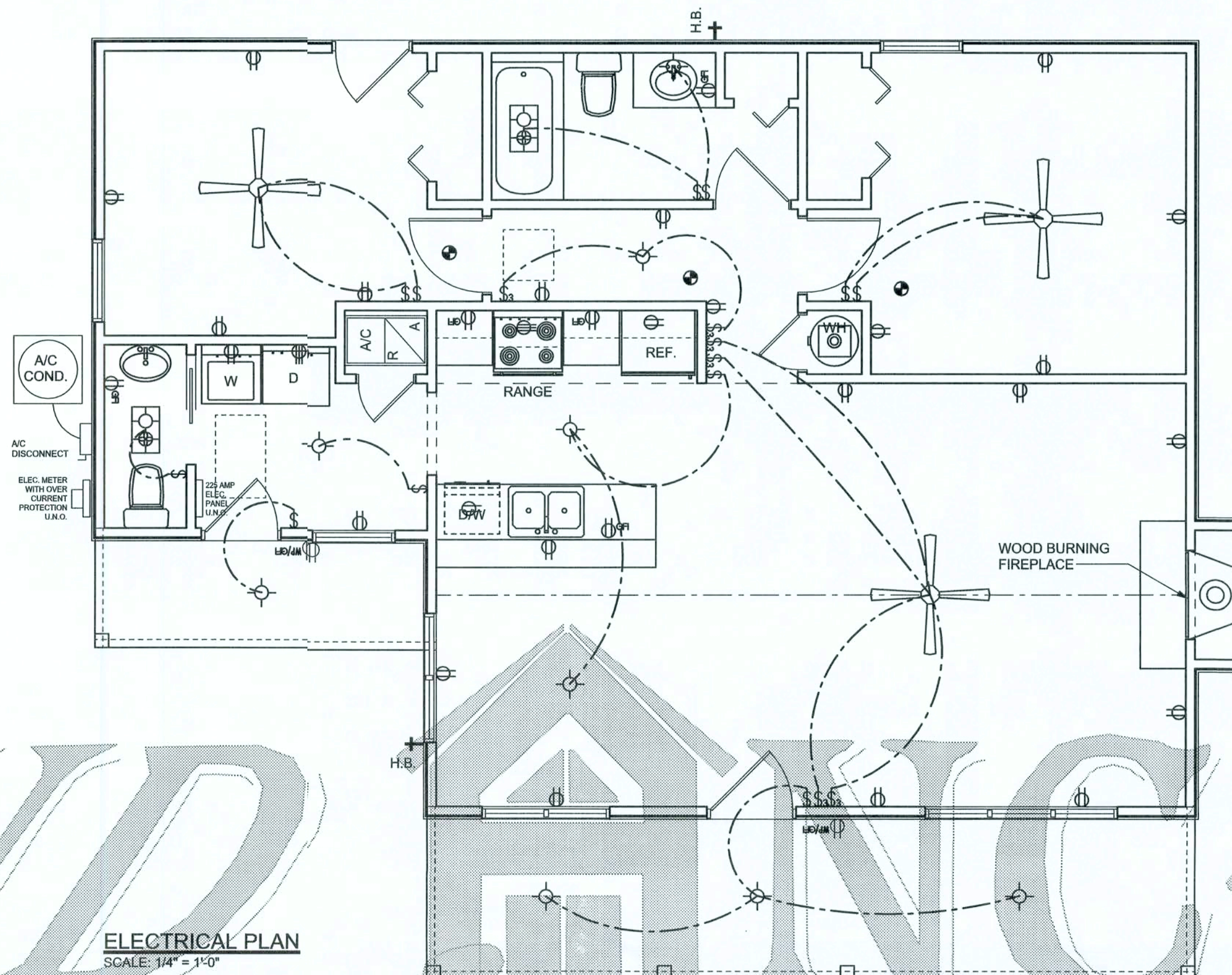
REVISIONS	

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



TYPICAL DESIGN WALL SECTION
NON - STRUCTURAL DATA

SCALE: 1" = 1'-0"



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

- ELECTRICAL PLAN NOTES
- E -1 WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
- E -2 CONSULT THE OWNER FOR THE NUMBER OF SEPARATE 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 CONTR 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.
- E -8 ALL BEDROOM RECEPTACLES SHALL BE AFCI (ARC FAULT CIRCUIT INTERRUPT)
- E -9 ALL OUTLETS TO BE LOCATED ABOVE BASE FLOOD ELEVATION
- E -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.
- E -11 SERVICE ENTRANCE CONDUCTORS MAY NOT BE LOCATED INSIDE OF THE OF THE BUILDING WITHOUT SPECIAL APPROVAL OF THE BUILDING OFFICIAL

	ELECTRICAL LEGEND
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	2X4 FLUORESCENT LIGHT FIXTURE
	RECESSED CAN LIGHT
	BATH EXHAUST FAN WITH LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	220v OUTLET
	GFI DUPLEX OUTLET
	SMOKE DETECTOR
	WALL SWITCH
	3 WAY WALL SWITCH
	4 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	PHONE JACK
	TELEVISION JACK
	GARAGE DOOR OPENER
	WATER HEATER

WINDLOAD ENGINEER: Mark Disosway,
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33606, 386-754-5419

DIMENSIONS:
 Stated dimensions supercede scaled
 dimensions. Refer all questions to
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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 R301.2.1, 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. 63915

SEAL

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Payne Residence

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PRINTED DATE:
September 03, 2007

FINALS DATE: 03 / Sep / 07	
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708172

708172
DRAWING NUMBER

A-2

OF 4 SHEETS

REVISIONS

NO.	DESCRIPTION	DATE



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	HSA	3-8d	3-8d	3-8d
< 455	< 265	H5	4-8d	4-8d	4-8d
< 360	< 235	H4	4-8d	4-8d	4-8d
< 455	< 320	H3	4-8d	4-8d	4-8d
< 415	< 365	H2.5	5-8d	5-8d	5-8d
< 600	< 535	H2.5A	5-8d	5-8d	5-8d
< 850	< 820	H8	8-8d	8-8d	8-8d
< 745	< 565	H8	5-10d, 1 1/2"	5-10d, 1 1/2"	5-10d, 1 1/2"
< 1465	< 1050	H14-1	13-8d	12-8d, 1 1/2"	12-8d, 1 1/2"
< 1465	< 1050	H14-2	15-8d	12-8d, 1 1/2"	12-8d, 1 1/2"
< 890	< 850	H10-1	8-8d, 1 1/2"	8-8d, 1 1/2"	8-8d, 1 1/2"
< 760	< 655	H10-2	6-10d	6-10d	6-10d
< 1470	< 1265	H16-1	10-10d, 1 1/2"	2-10d, 1 1/2"	2-10d, 1 1/2"
< 1470	< 1265	H16-2	10-10d, 1 1/2"	2-10d, 1 1/2"	2-10d, 1 1/2"
< 1000	< 860	MTS24C	7-10d 1 1/2"	7-10d 1 1/2"	7-10d 1 1/2"
< 1450	< 1245	HTS24	12-10d 1 1/2"	12-10d 1 1/2"	12-10d 1 1/2"
< 2900	< 2490	2-HTS24			
< 2050	< 1785	LG72	14-16d	14-16d	
HEAVY GIRDER TIEDOWNS*					
< 3965	< 3330	MGT		22-10d	1-5/8" THREADED ROD 12" EMBEDMENT
< 10980	< 6485	HGT-2		16-10d	2-5/8" THREADED ROD 12" EMBEDMENT
< 10530	< 9035	HGT-3		16-10d	2-5/8" THREADED ROD 12" EMBEDMENT
< 9250	< 9250	HGT-4		16-10d	2-5/8" THREADED ROD 12" EMBEDMENT
STUD STRAP CONNECTOR*					
< 435	< 435	SSP DOUBLE TOP PLATE	3-10d		TO STUDS
< 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*					
< 1350	< 1305	LTT19	8-16d		1/2" AB
< 2310	< 2310	LTT31	18-10d, 1 1/2"		1/2" AB
< 2775	< 2570	RD3A	2-5/8" BOLTS		5/8" AB
< 4175	< 3485	HTT16	18-10d		5/8" AB
< 1400	< 1400	PAMD42	16-16d		
< 3335	< 3335	HPWD22	16-16d		
< 2200	< 2200	ABU44	12-16d		1/2" AB
< 2300	< 2300	ABU66	12-16d		1/2" AB
< 2320	< 2320	ABU88	18-16d		2-5/8" AB

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	1600	1.9
PSL	PARALAM	2900	2.0

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 WIND-BORNE DEBRIS REGION

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 (ft ²)	10	100
1	19.9	-21.8	-18.1
2	19.9	-25.5	-21.8
2 Ohg		-40.6	-40.6
3	19.9	-25.5	-18.1
3 Ohg		-48.3	-42.4
4	21.8	-23.8	-18.5
5	21.8	-29.1	-18.5
Doors & Windows		21.8	-29.1
Worst Case (Zone 5, 10 ft ²)			
8x7 Garage Door		19.5	-22.9
16x7 Garage Door		18.5	-21.0

DESIGN LOADS
FLOOR 40 PSF (ALL OTHER DWELLING ROOMS)
30 PSF (SLEEPING ROOMS)
30 PSF (ATTICS WITH STORAGE)
10 PSF (ATTICS WITHOUT STORAGE, <3:12)
ROOF 20 PSF (FLAT OR <4:12)
16 PSF (4:12 TO <12:12)
12 PSF (12:12 AND GREATER)
STAIRS 40 PSF (ONE & TWO FAMILY DWELLINGS)
SOIL BEARING CAPACITY 1000PSF
NOT IN FLOOD ZONE (BUILDER TO VERIFY)

WINDLOAD ENGINEER: Mark Discoway, P.E. No. 53915, P.O. Box 886, Lake City, FL 32056, 386-754-5419

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

MARK DISCOWAY
P.E. 53915
3/26/07
SEAL

Cason Builders, Inc.

Payne Residence

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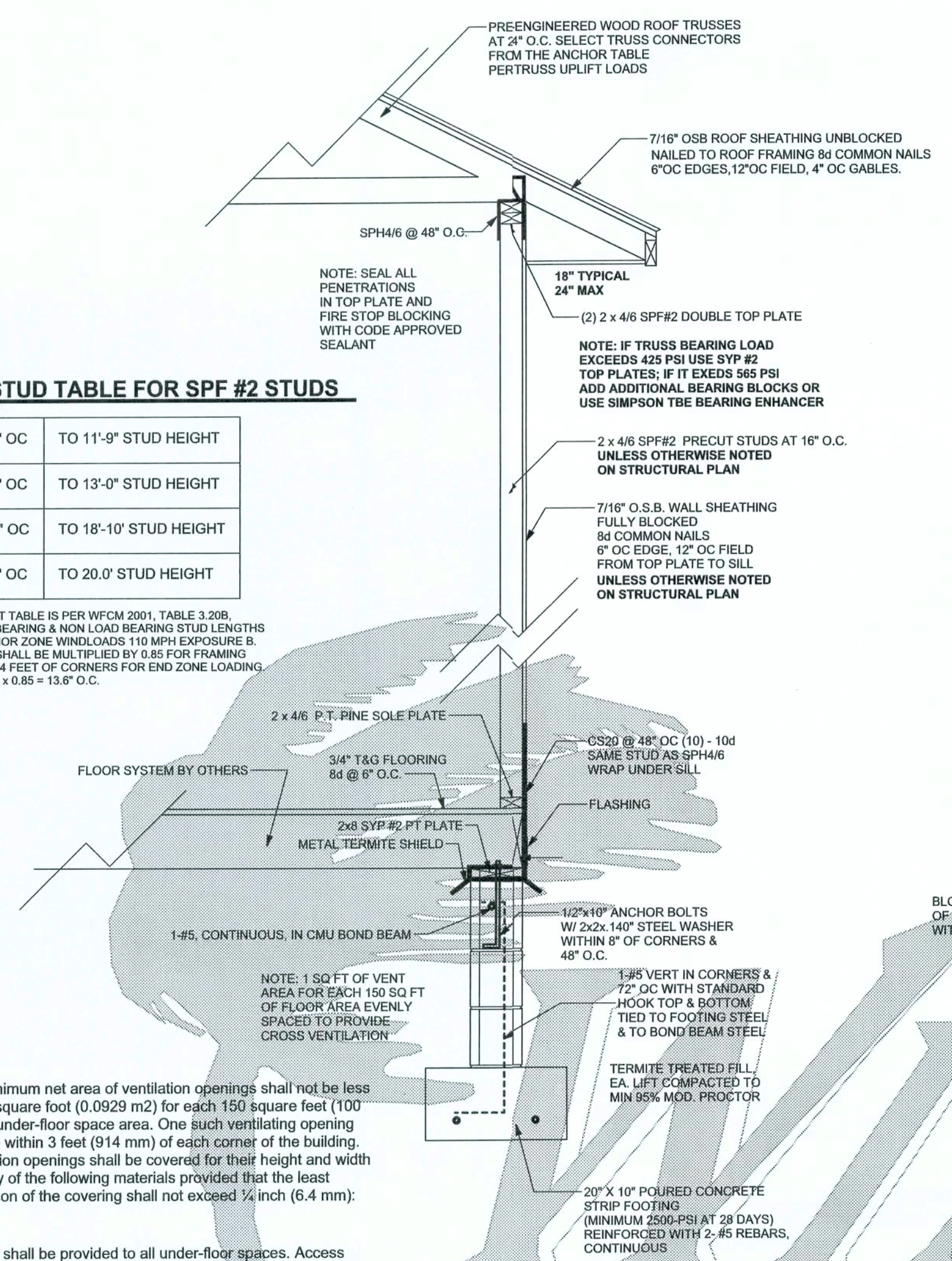
DRAWING NUMBER
S-1

OF 4 SHEETS

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 WINDLOADS 110 MPH EXPOSURE B. 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.

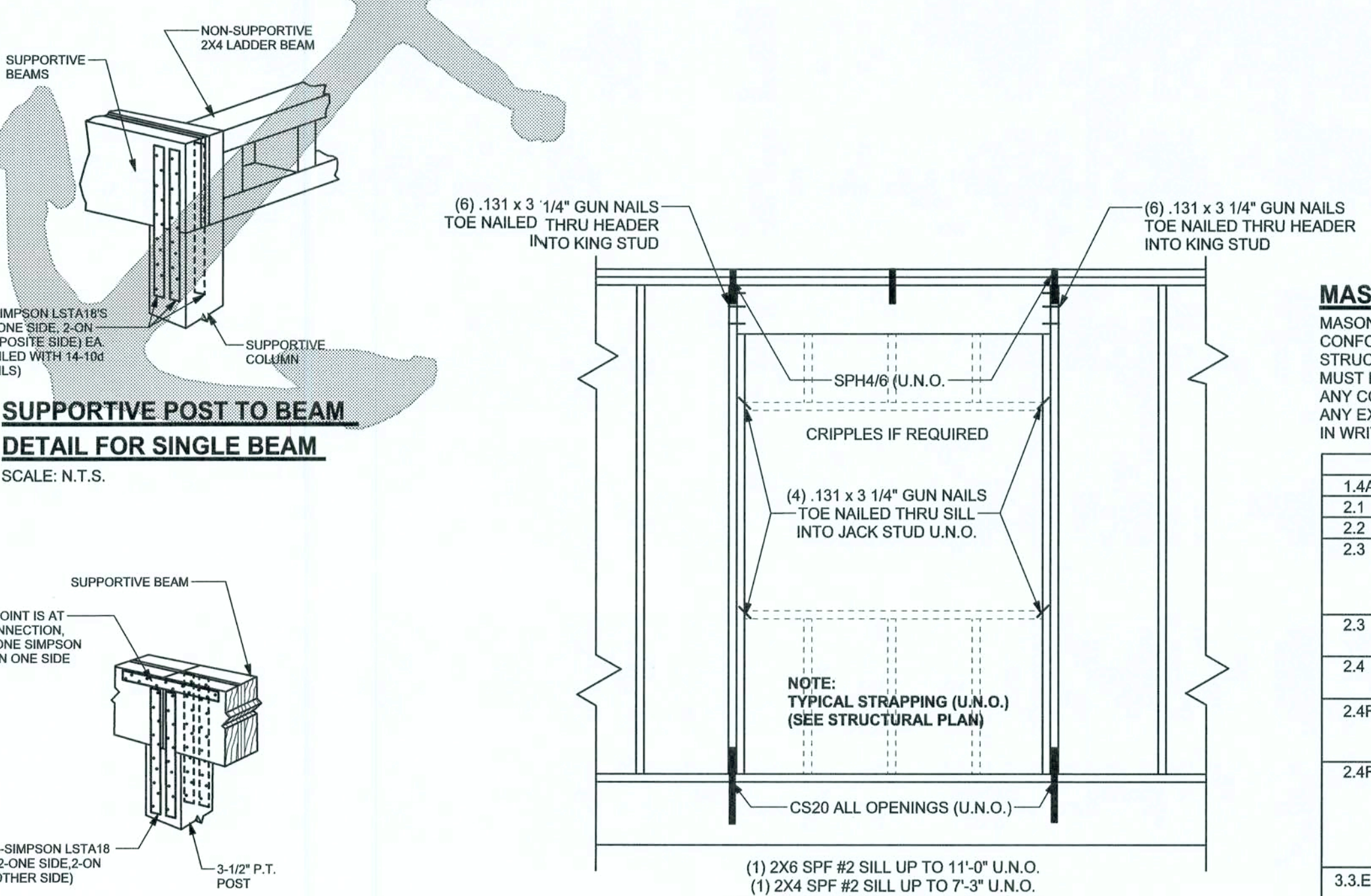


ONE STORY WALL SECTION

SCALE: 3/4" = 1'-0"

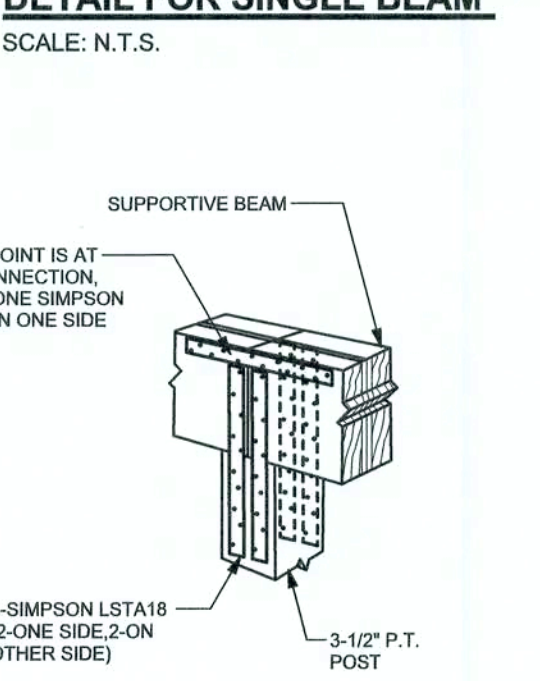
GABLE END WALL BALLOON FRAMING DETAIL

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



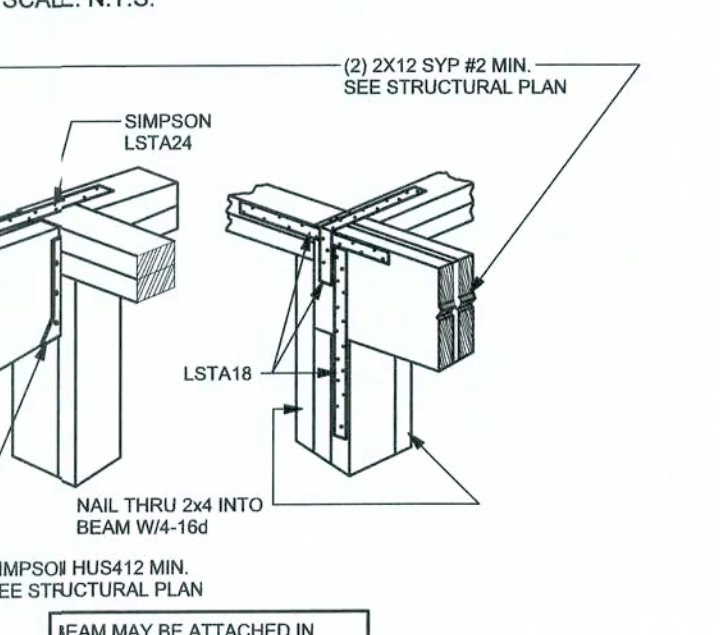
SUPPORTIVE POST TO BEAM DETAIL FOR SINGLE BEAM

SCALE: N.T.S.



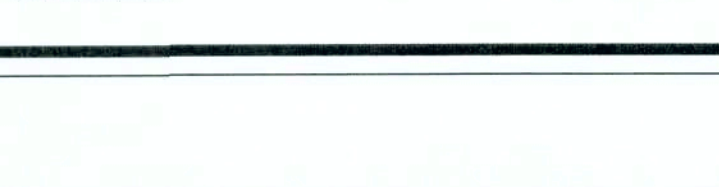
BEAM MID-WALL CONNECTION DETAIL

SCALE: N.T.S.



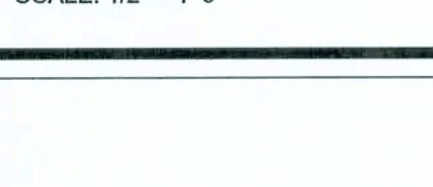
BEAM CORNER CONNECTION DETAIL

SCALE: N.T.S.



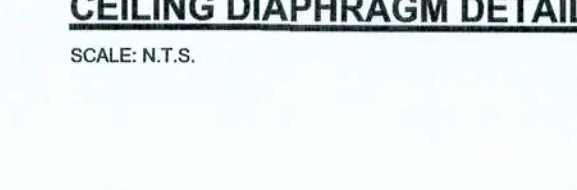
PORCH POST DETAIL

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



CONTINUOUS FRAME TO CEILING DIAPHRAGM DETAIL

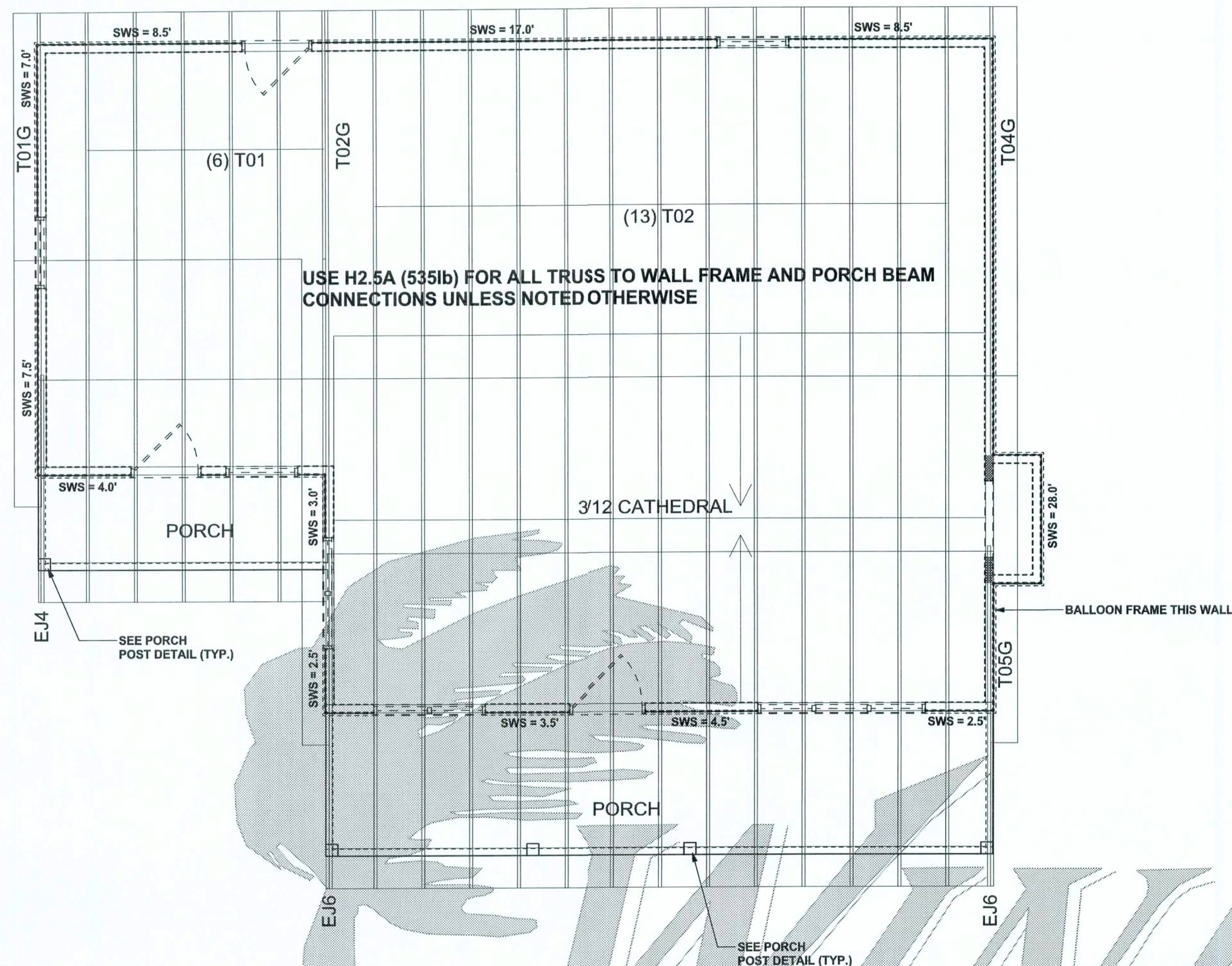
SCALE: N.T.S.



MASONRY NOTES:

MASONRY CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 6/TMS 602). THE CONTRACTOR AND MASON MUST IMMEDIATELY, BEFORE PROCEEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530.1-02 AND THESE DESIGN DRAWINGS. ANY EXCEPTIONS TO ACI 530.1-02 MUST BE APPROVED BY THE ENGINEER IN WRITING.

	ACI530.1-02 Section	Specific Requirements
1.4A	Compressive strength	8" block bearing walls F'm = 1500 psi
2.1	Mortar	ASTM C 270, Type N, UNO
2.2	Grout	ASTM C 476, admixtures require approval
2.3	CMU standard	ASTM C 90-02, Normal weight, Hollow, medium surface finish, 8"x16" running bond and 12"x12" or 16"x16" column block
2.3	Clay brick standard	ASTM C 216-02, Grade SW, Type FBS, 5-2x2-75x11-5"
2.4	Reinforcing bars, #3 - #11	ASTM 615, Grade 60, Fy = 60 ksi, Lap splices min 48 bar dia. (30" for #5)
2.4F	Coating for corrosion protection	Anchors, sheet metal ties completely embedded in mortar or grout, ASTM A525, Class G60, 0.60 oz/lb or 304SS
2.4F	Coating for corrosion protection	Joint reinforcement in walls exposed to moisture or wire ties, anchors, sheet metal ties not completely embedded in mortar or grout, ASTM A153, Class B2, 1.50 oz/lb or 304SS
3.3.E.2	Pipes, conduits, and accessories	Any not shown on the project drawings require engineering approval.
3.3.E.7	Movement joints	Contractor assumes responsibility for type and location of movement joints if not detailed on project drawings.



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

STRUCTURAL PLAN NOTES

- 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 BCSI-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

WALL LEGEND

SWS = 0.0'	1ST FLOOR EXTERIOR WALL
SWS = 0.0'	2ND FLOOR EXTERIOR WALL
IBW	1ST FLOOR INTERIOR BEARING WALL
IBW	2ND FLOOR INTERIOR BEARING WALL

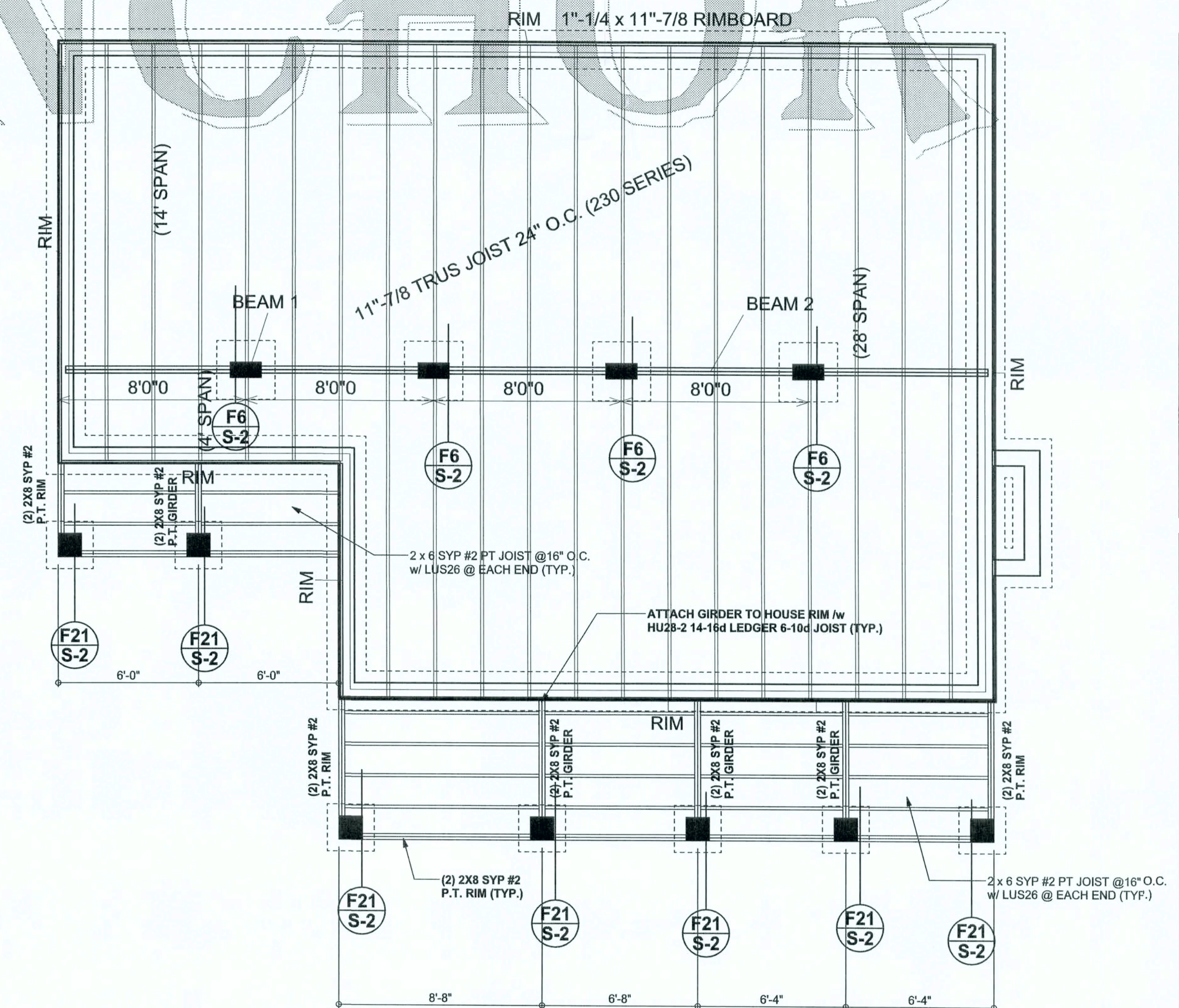
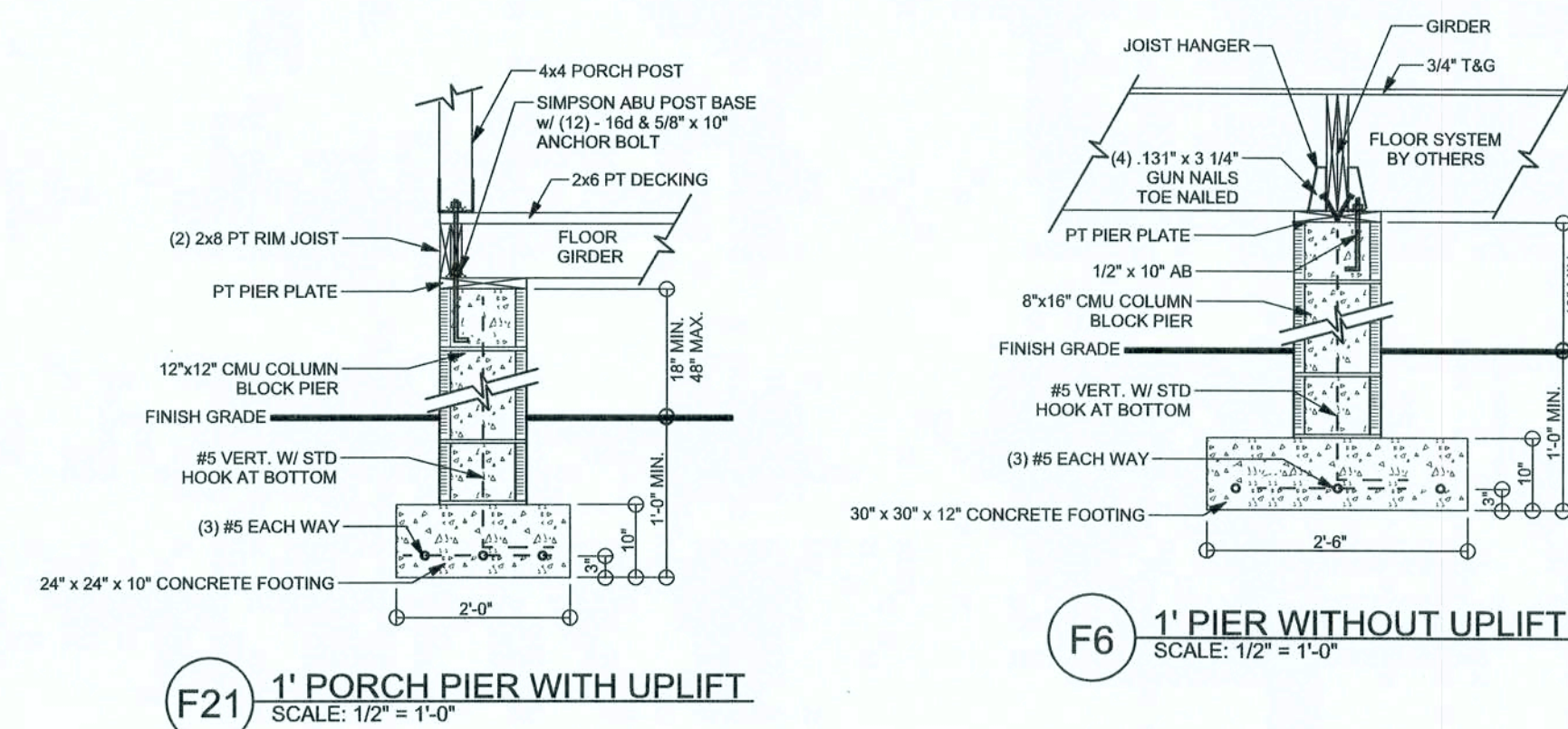
TOTAL SHEAR WALL SEGMENTS

SWS = 0.0' INDICATES SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	22.5'	48.0'
LONGITUDINAL	13.7'	48.5'

HEADER LEGEND

- (2) 2X12X0', 1' 1K
- HEADER/BEAM CALL-OUT (U.N.O.)
- NUMBER OF KING STUDS (FULL LENGTH)
- NUMBER OF JACK STUDS (UNDER HEADER)
- SPAN OF HEADER
- SIZE OF HEADER MATERIAL
- NUMBER OF PLIES IN HEADER



FOUNDATION / FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. BUILDERS FIRST SOURCE JOB #L251203

REVISIONS

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

WINDLOAD ENGINEER: Mark Disoway, P.E. No. 53015, P.O. Box 868, 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 RS01.2.1, Florida building code residential 2004, to the best of my knowledge.

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

MARK DISOWAY

P.E. 53015

3/5/07

SEAL

Cason Builders, Inc.

Payne Residence

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PRINTED DATE:
September 03, 2007

DRAWN BY: CHECKED BY:

FINALS DATE:
03 / Sep / 07

JOB NUMBER:
708172

DRAWING NUMBER
S-2

OF 4 SHEETS