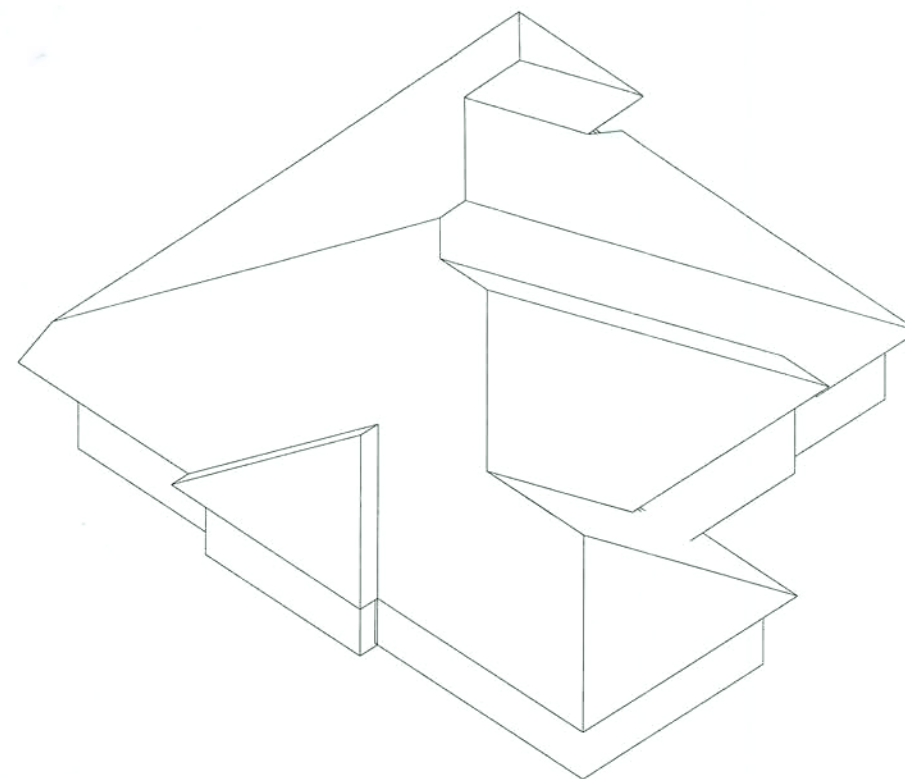
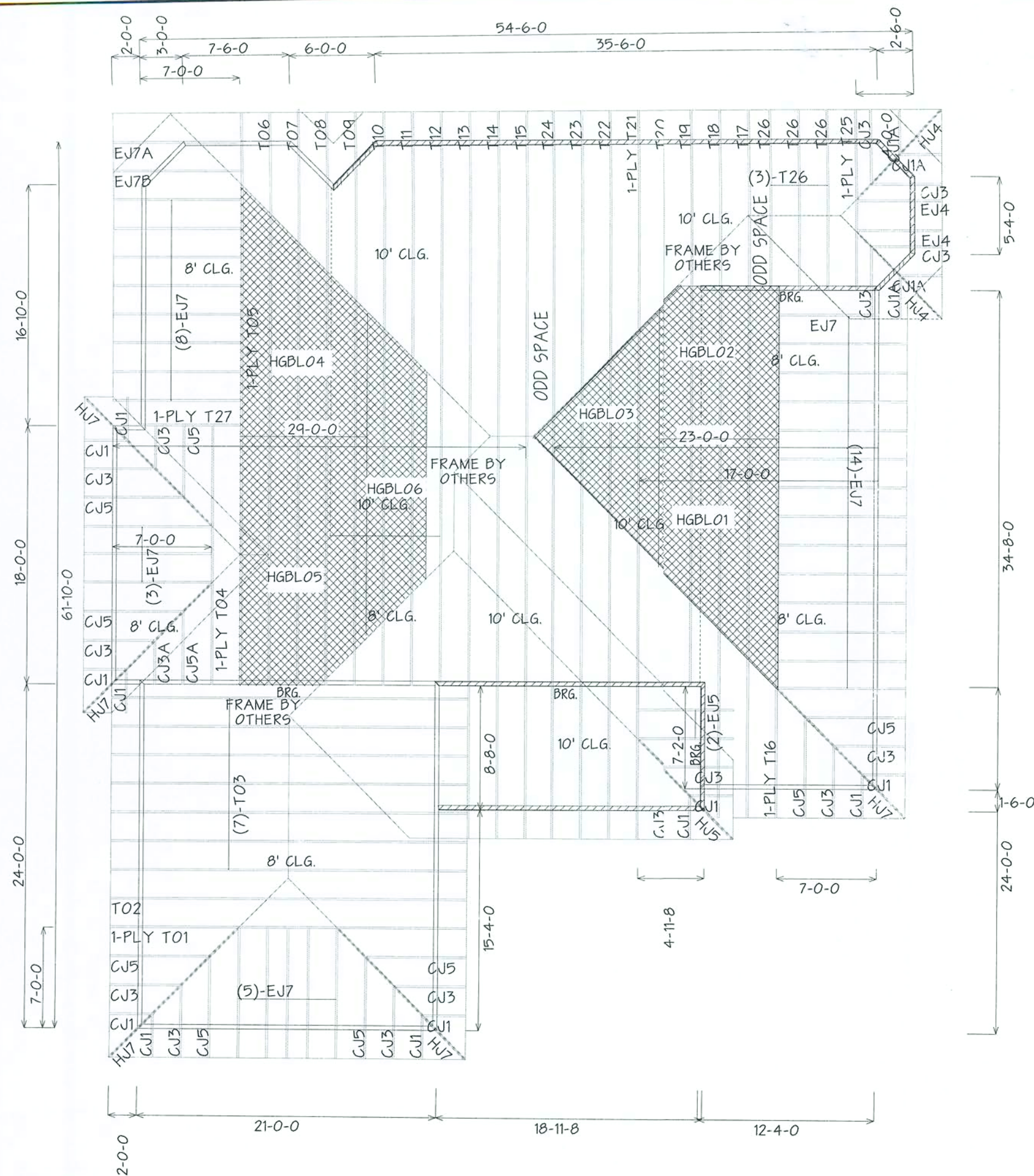
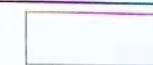




BEARING HEIGHT SCHEDULE

	8'-0"
	10'-0"

ROOF
PITCH
6/12
OVERHANG
1'-6"
HANGER SCHEDULE
(2) HTU26

- NOTES:
- 1) REFER TO HIB 91 (RECOMMENDATIONS FOR HANDLING INSTALLATION AND TEMPORARY BRACING). REFER TO ENGINEERED DRAWINGS FOR PERMANENT BRACING REQUIRED.
 - 2) ALL TRUSSES (INCLUDING TRUSSES UNDER VALLEY FRAMING) MUST BE COMPLETELY DECKED OR REFER TO DETAIL V105 FOR ALTERNATE BRACING REQUIREMENTS.
 - 3) ALL VALLEYS ARE TO BE CONVENTIONALLY FRAMED BY BUILDER.
 - 4) ALL TRUSSES ARE DESIGNED FOR 2" o.c. MAXIMUM SPACING, UNLESS OTHERWISE NOTED.
 - 5) ALL WALLS SHOWN ON PLACEMENT PLAN ARE CONSIDERED TO BE LOAD BEARING, UNLESS OTHERWISE NOTED.
 - 6) SY42 TRUSSES MUST BE INSTALLED WITH THE TOP BEING UP.
 - 7) ALL ROOF TRUSS HANGERS TO BE SIMPSON HU526 UNLESS OTHERWISE NOTED. ALL FLOOR TRUSS HANGERS TO BE SIMPSON TH422 UNLESS OTHERWISE NOTED.
 - 8) BEAM/HEADER/LINTEL (HDR) TO BE FURNISHED BY BUILDER.

SHOP DRAWING APPROVAL

THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS. ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS, REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.

Requested Delivery Date: _____

Approved By: _____ Date: _____

Builders FirstSource
Bunnell

PHONE: 904-437-3349 FAX: 904-437-3994

Jacksonville

PHONE: 904-772-6100 FAX: 904-772-1973

Lake City

PHONE: 904-755-6894 FAX: 904-755-7973

Sanford

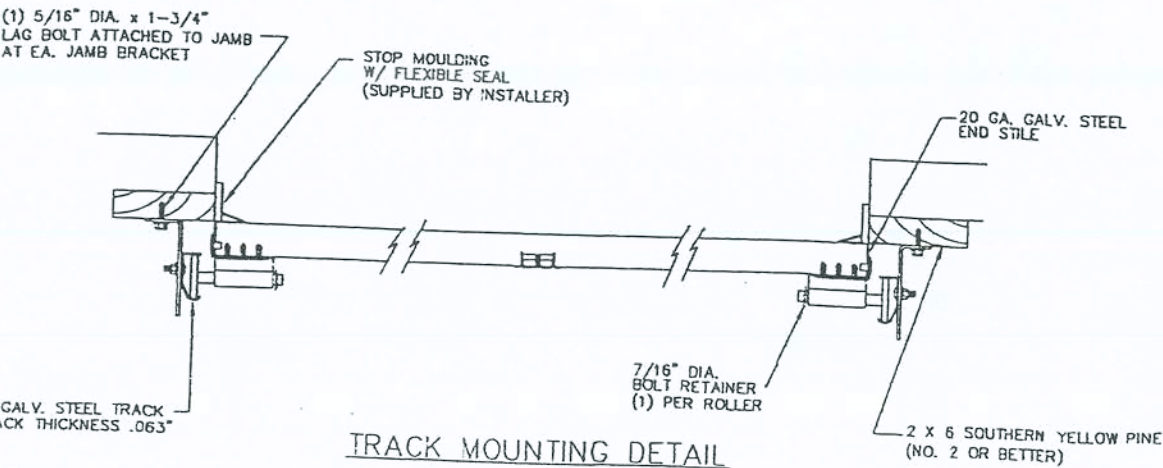
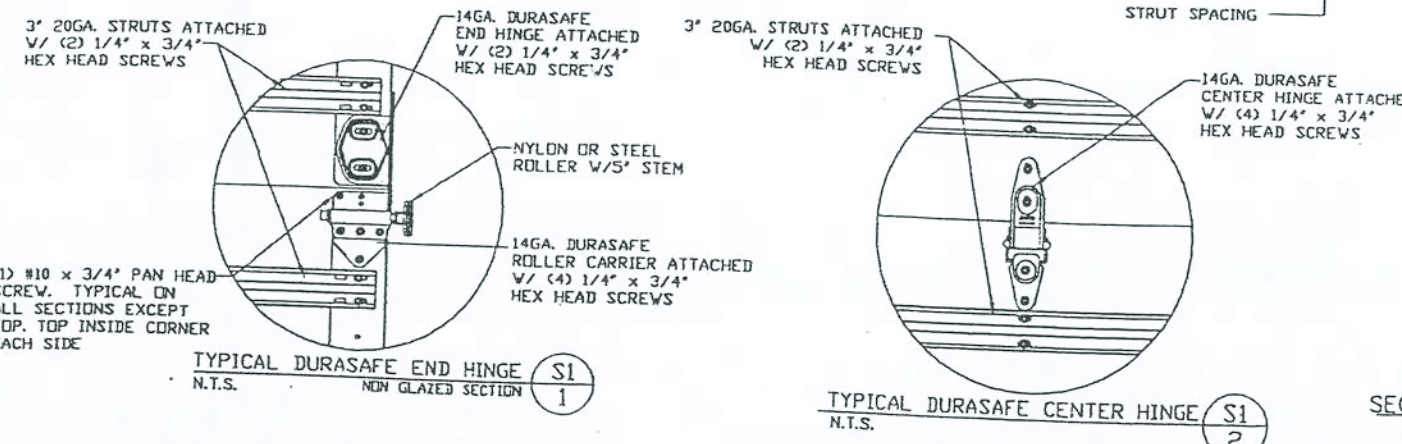
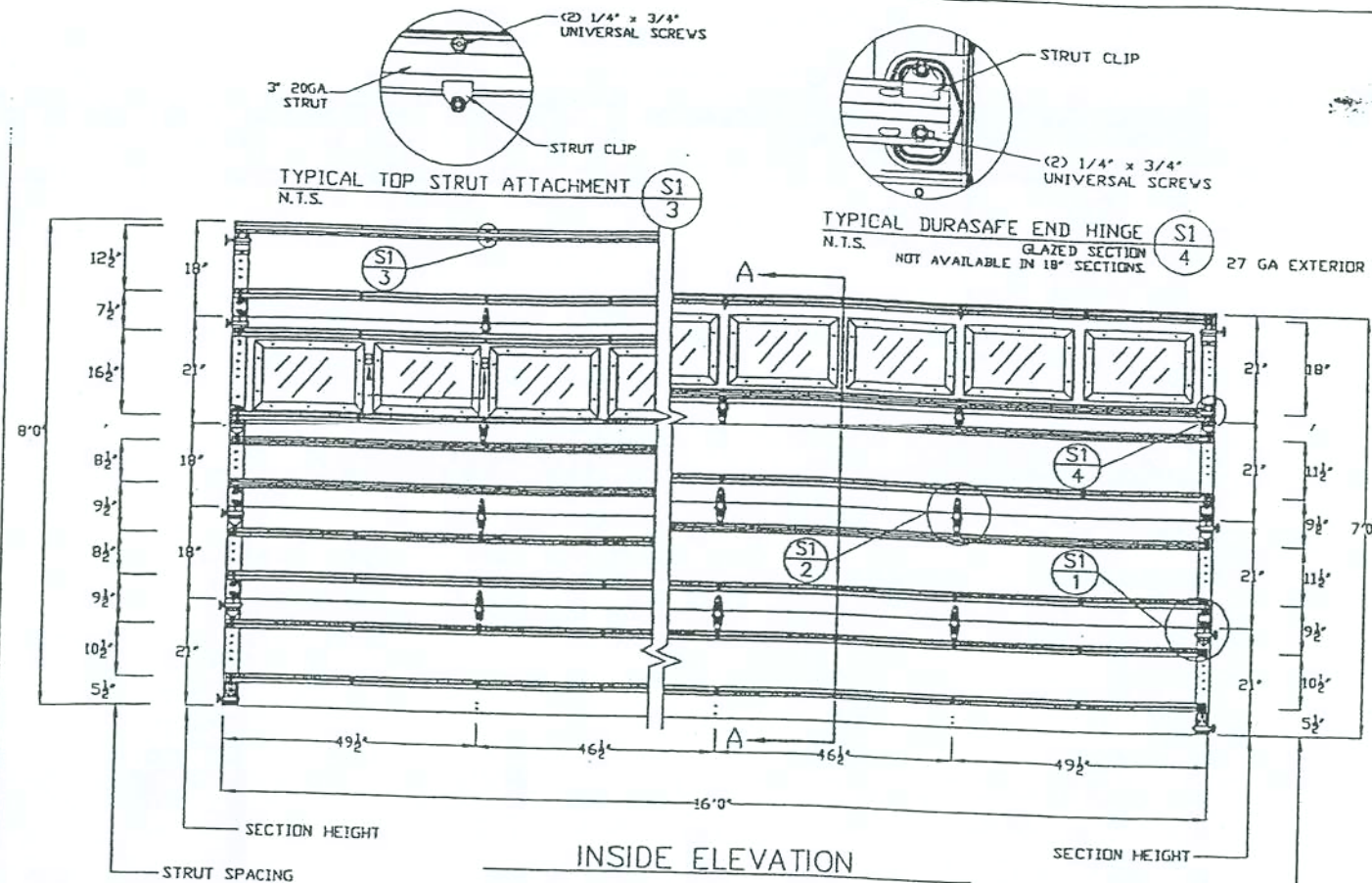
PHONE: 407-322-0059 FAX: 407-322-5553

BUILDER: DON REED CONST.

LEGAL ADDRESS: COLUMBIA CO.

MODEL: LOSSOW REVISION: NTS

DATE: 08/30/05 DRAWN BY: ROBERT CULOTTI JOB #: L129810



WOOD JAMB ATTACHMENT TO STRUCTURE

RATED FOR 110 MPH FASTEST-MILE BASIC WIND SPEEDS

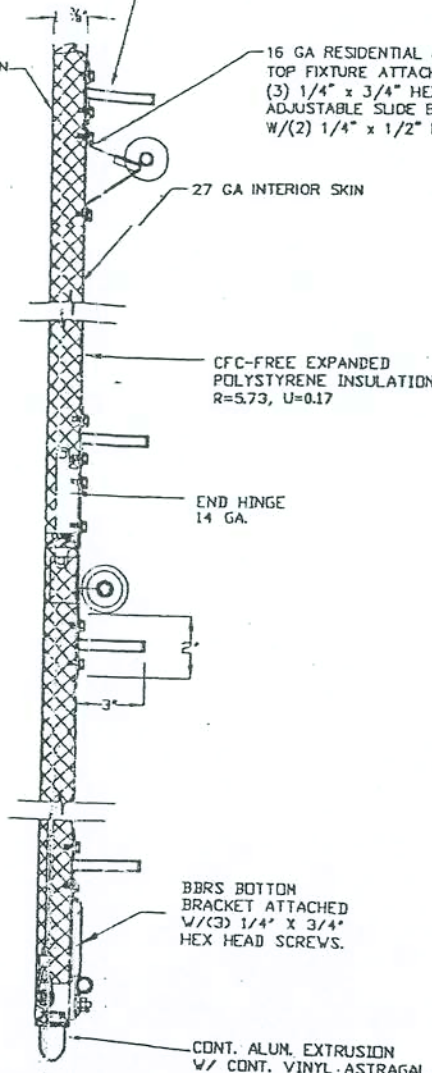
VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16" x 3" LAG SCREWS STARTING 6" FROM ENDS THEN 24" O.C.

VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8" x 4" STARTING 6" FROM ENDS THEN 24" O.C.
HILTI SLEEVE ANCHOR 3/8" x 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C.
ITW/RAMSET RED HEAD 3/8" x 3" STARTING 6" FROM ENDS THEN 24" O.C.

VERTICAL JAMB ATTACHMENT TO C-90 BLOCK
HILTI SLEEVE ANCHOR 3/8" x 2-3/4" STARTING 6" FROM ENDS THEN 24" O.C.
ITW/RAMSET TAPCON 1/4" x 2-3/4" STARTING 6" FROM ENDS, USE PAIRS OF FASTENERS (3" APART) AT 16" O.C.

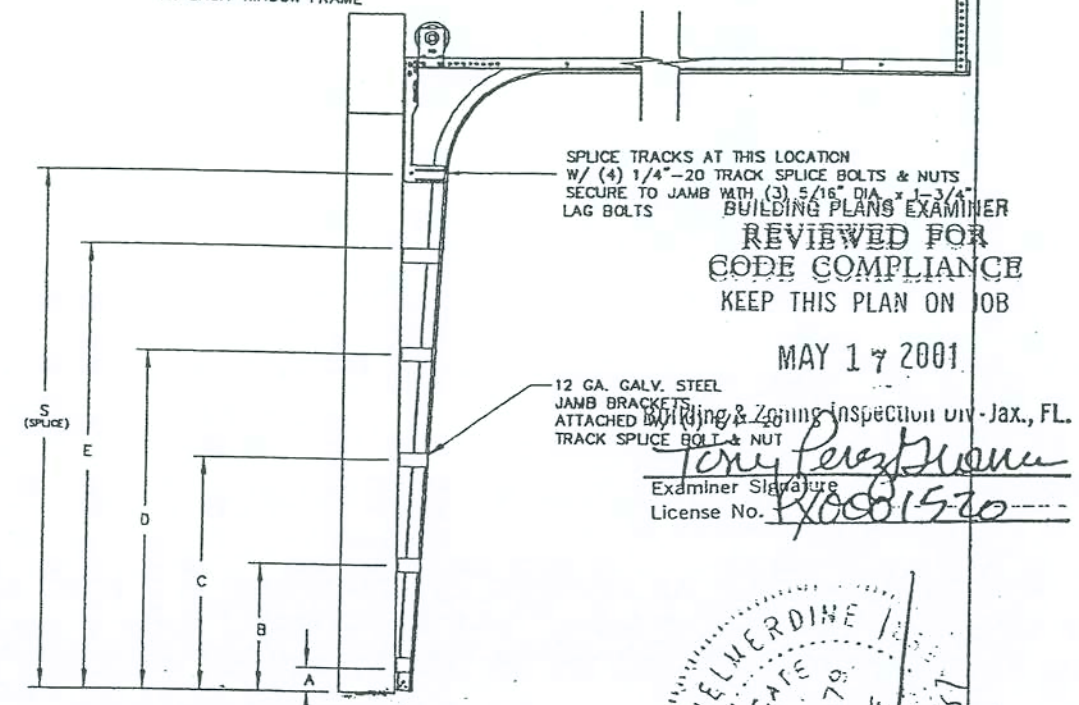
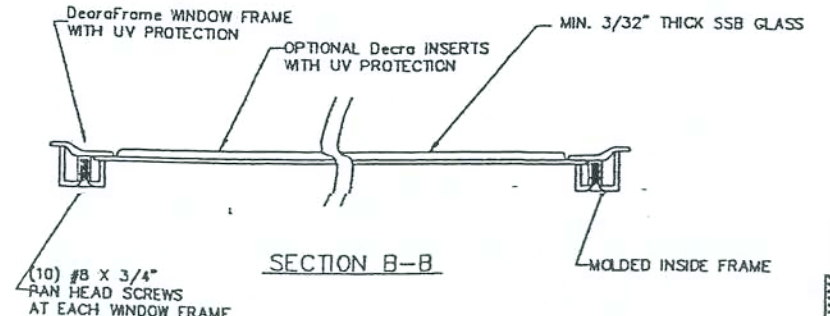
*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
*PREPARATION OF WOOD JAMBS BY OTHERS

SECTION A-A (SIDE VIEW)



GLAZING OPTION CROSS SECTION

TEST No. SBC-580-020 ON MAY 24, 2000 INCLUDED GLASS WINDOWS IN THE DOOR BEING USED. THE TEST PRESSURES WERE +49.5 PSF AND -51.9 PSF. BY COMPARISON, EIGHT (8) WINDOWS MAY BE INSTALLED IN (1) ONE SECTION OF THE 16' x 7' AND 16' x 8' MODEL 1500-D DOORS.



JAMB BRACKET LOCATIONS						
	A	B	C	D	E	S
6'-6"	4"	21-1/2"	39"	57"		70"
7'-0"	4"	21-1/2"	42"	63"		76"
7'-6"	4"	18-1/2"	36"	54"	72"	82"
8'-0"	4"	21-1/2"	39"	57"	75"	88"

- SPECIFICATIONS AND NOTES**
- DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASHA.
 - DOOR SECTIONS SHALL BE 27 GA. MIN. (.018") INTERIOR AND EXTERIOR ROLLED FORMED LIGHT COMMERCIAL QUALITY, C-40 GALVANIZATION.
 - DOORS UP TO 7'0" HIGH CONSIST OF (4) SECTIONS AS SHOWN.
 - DOORS UP TO 8'0" HIGH CONSIST OF (5) SECTIONS AS SHOWN.
 - SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
 - THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330-90, AND THE SOUTHERN BUILDING CODE SECTION 1606 WIND LOAD DESIGN CRITERIA. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING THE FOLLOWING PARAMETERS:
 - BASIC WIND SPEED OF 110 MPH
 - DOOR CAN BE INSTALLED WITH 5 FEET OF DOORS WIDTH INSIDE THE EDGE STRIP.
 - 15' MEAN ROOF HEIGHT AT ANY SLOPE
 - USE FACTOR OF 1.0
 - EXPOSURE RATING OF C

MAX SIZE 16' x 8'		DESIGN LOADS +29.5 PSF -29.5 PSF		TEST LOADS +45.3 PSF -45.3 PSF	
REV DESCRIPTION OF REVISIONS DATE BY Amarr 5501 GRASSY CREEK BLVD. VICKSBURG, MISSISSIPPI 39180 MODEL #1500 WeatherGuard SIZE 8 DRAWN BY DJJ DATE 04/16/01 CHECKED BY DATE SBC-580-019-J SCALE NOT TO SCALE SHEET 1 OF 1					

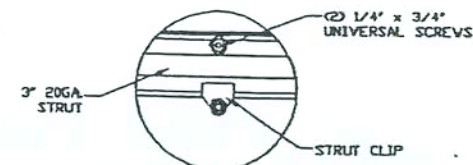
REVIEWED FOR CODE COMPLIANCE
KEEP THIS PLAN ON JOB

MAY 17 2001

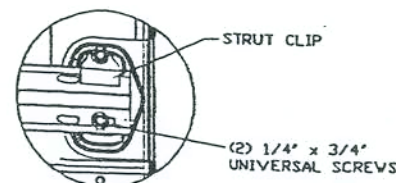
Building & Zoning Inspection Div.-Jax., FL.

Tony Perez
Examiner Signature
License No. 150001520

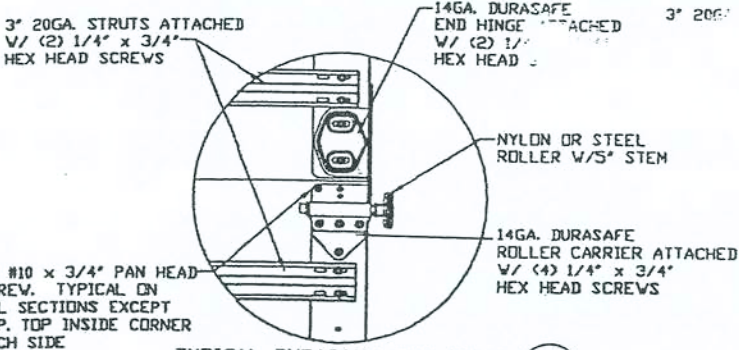
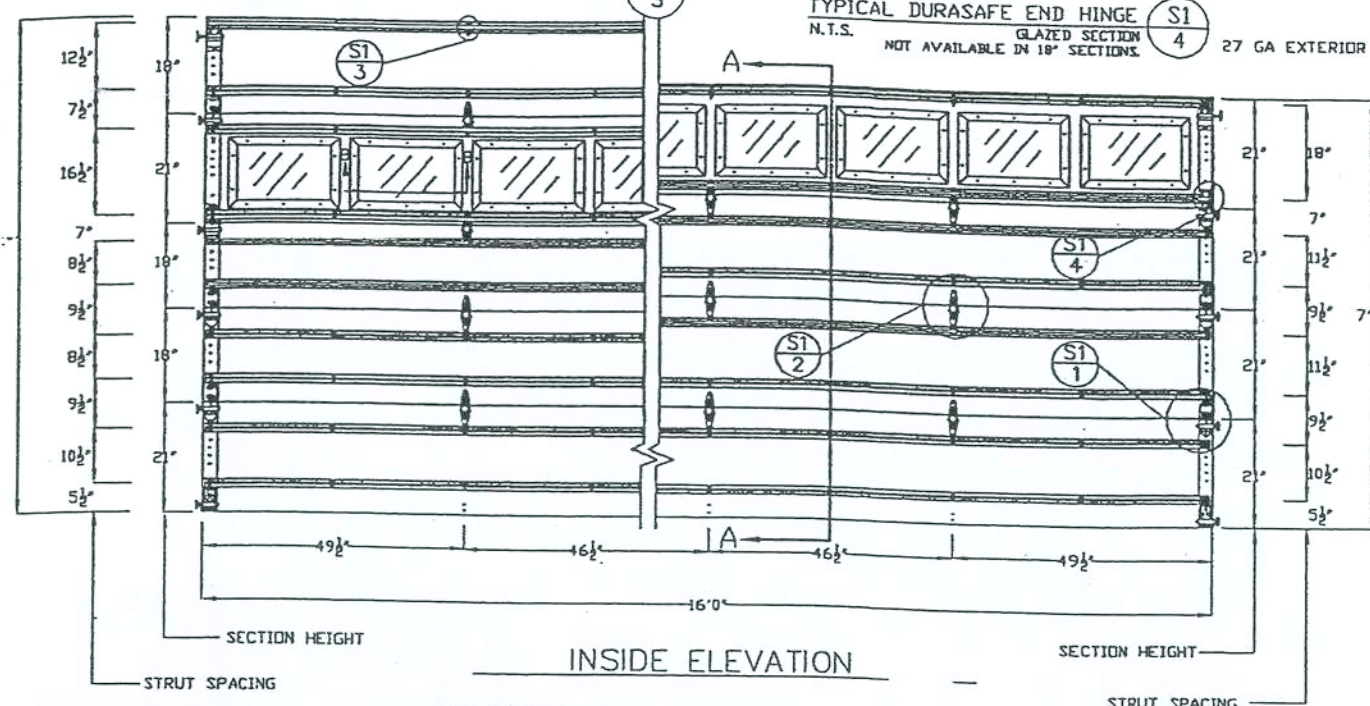




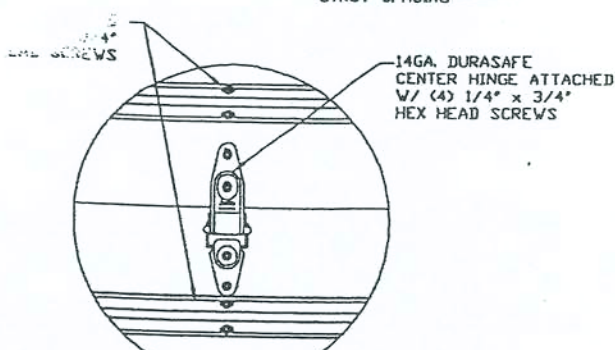
TYPICAL TOP STRUT ATTACHMENT
N.T.S.



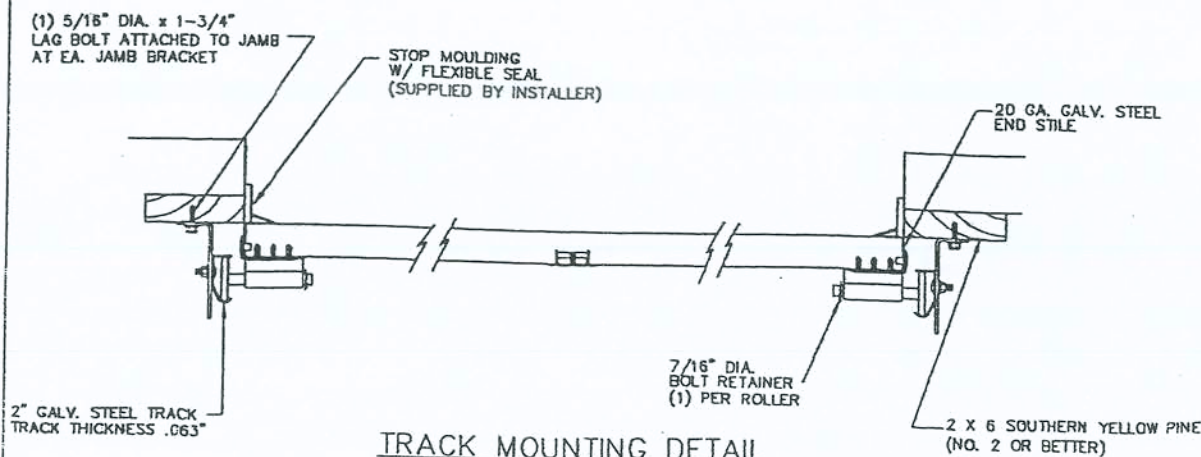
TYPICAL DURASAFE END HINGE
N.T.S. NOT AVAILABLE IN 18\"/>



TYPICAL DURASAFE END HINGE
N.T.S. NON GLAZED SECTION

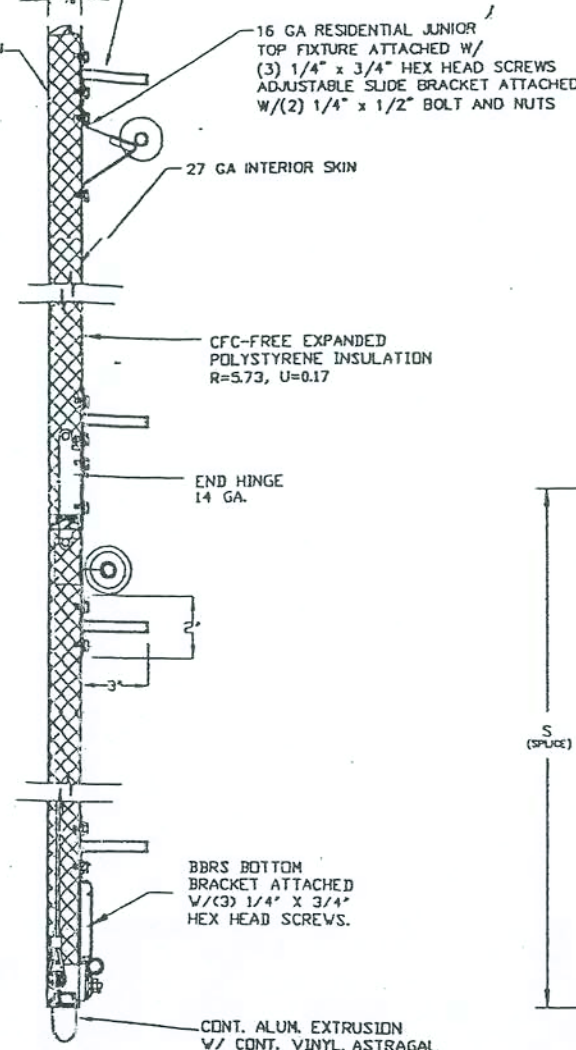


TYPICAL DURASAFE CENTER HINGE
N.T.S.



TRACK MOUNTING DETAIL

3\"/>



SECTION A-A (SIDE VIEW)

WOOD JAMB ATTACHMENT TO STRUCTURE

RATED FOR 110 MPH FASTEST-MILE BASIC WIND SPEEDS

VERTICAL JAMB ATTACHMENT TO WOOD FRAME STRUCTURE
5/16\"/>

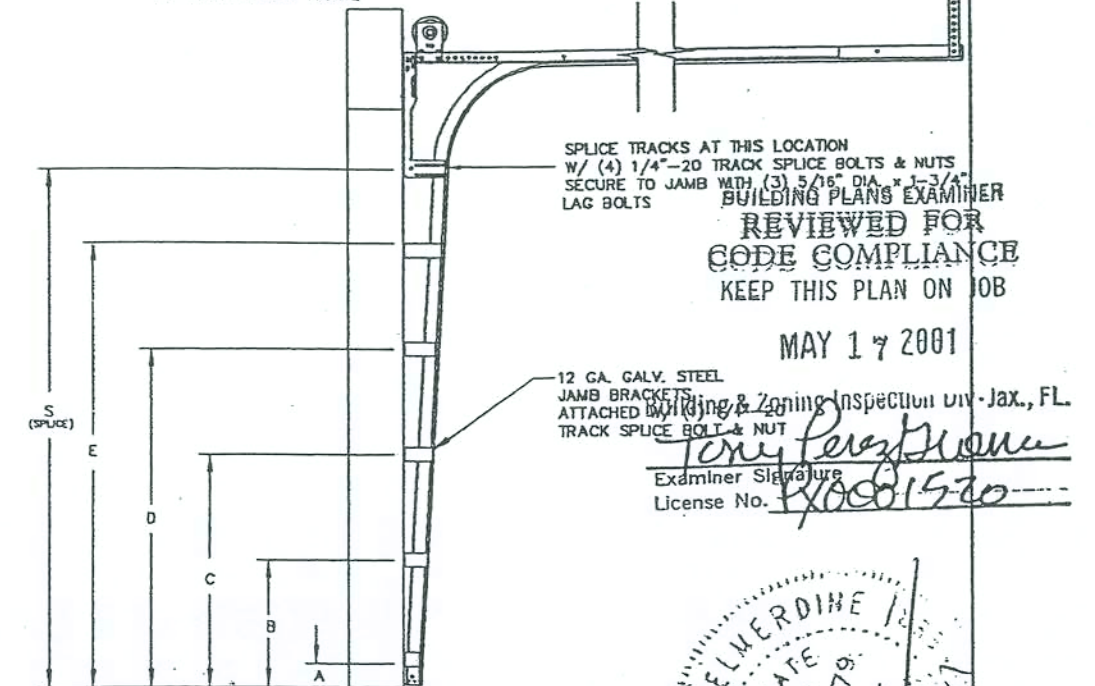
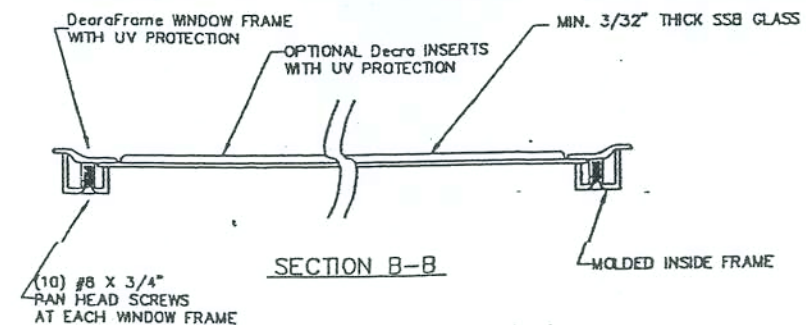
VERTICAL JAMB ATTACHMENT TO 2,000 PSI CONCRETE
HILTI KWIK BOLT 3/8\"/>

VERTICAL JAMB ATTACHMENT TO C-90 BLOCK
HILTI SLEEVE ANCHOR 3/8\"/>

*LAGS AND BOLTS CAN BE COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
*PREPARATION OF WOOD JAMBS BY OTHERS

GLAZING OPTION CROSS SECTION

TEST No. SBC-580-020 ON MAY 24, 2000 INCLUDED GLASS WINDOWS IN THE DOOR BEING USED. THE TEST PRESSURES WERE +49.5 PSF AND -51.9 PSF. BY COMPARISON, EIGHT (8) WINDOWS MAY BE INSTALLED IN (1) ONE SECTION OF THE 16\"/>



TRACK CONFIGURATION FOR 6'6\"/>

JAMB BRACKET LOCATIONS					
	A	B	C	D	E
6'-6"	4"	21-1/2"	39"	57"	70"
7'-0"	4"	21-1/2"	42"	63"	76"
7'-6"	4"	18-1/2"	36"	54"	72"
8'-0"	4"	21-1/2"	39"	57"	75"

SPECIFICATIONS AND NOTES

- DOORS AND HARDWARE WILL BE DESIGNED, MANUFACTURED AND INSTALLED WITH STANDARDS AS SET FORTH BY DASHA.
- DOOR SECTIONS SHALL BE 27 GA. MIN. (.016\"/>
- DOORS UP TO 7'0\"/>
- DOORS UP TO 8'0\"/>
- SUPPORTING STRUCTURAL ELEMENTS SHALL BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER FOR WIND LOADS INDICATED ON THIS DRAWING IN ADDITION TO OTHER LOADINGS.
- THE METHOD OF TESTING WAS IN SUBSTANTIAL CONFORMANCE WITH THE PROCEDURE DESCRIBED IN ASTM E330-90, AND THE SOUTHERN BUILDING CODE SECTION 1806 WIND LOAD DESIGN CRITERIA. THE PRESSURES SHOWN ON THE DRAWINGS WERE CALCULATED USING THE FOLLOWING PARAMETERS:
 - BASIC WIND SPEED OF 110 MPH
 - DOOR CAN BE INSTALLED WITH 5 FEET OF DOORS WIDTH INSIDE THE EDGE STRIP.
 - 15' MEAN ROOF HEIGHT AT ANY SLOPE
 - USE FACTOR OF 1.0
 - EXPOSURE RATING OF C

MAX SIZE 16\"/>	
DESIGN LOADS +29.5 PSF -29.5 PSF	
TEST LOADS +49.5 PSF -51.9 PSF	
KEY DESCRIPTION OF REVISIONS DATE BY	
Amarr 3523 CRAFTY CREEK BLVD. VINTON-SALEN, NC. 27170	
MODEL #1500 WeatherGuard	
SIZE B	DRAWN BY CJ DATE 04/14/01 CHECKED BY DWE
DRAWING NUMBER SBC-580-019-J SCALE: NOT TO SCALE SHEET 1 OF 1	

REVIEWED FOR
CODE COMPLIANCE
KEEP THIS PLAN ON JOB

MAY 17 2001

Building & Zoning Inspection Div. - Jax., FL.
 Tony Perez
 Examiner Signature
 License No. 150001570



Office copy

Daniel Shaheen
Daniel Shaheen

10-15-02
CONSTRUCTION
DOCUMENTS BY:
Daniel Shaheen
P.O. Box 213
Lake City FL 32056
(904) 754-0181

A CUSTOM HOUSE BY DON REED CONSTRUCTION

LOSSOW RESIDENCE

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.

PROJECT NUMBER
010222



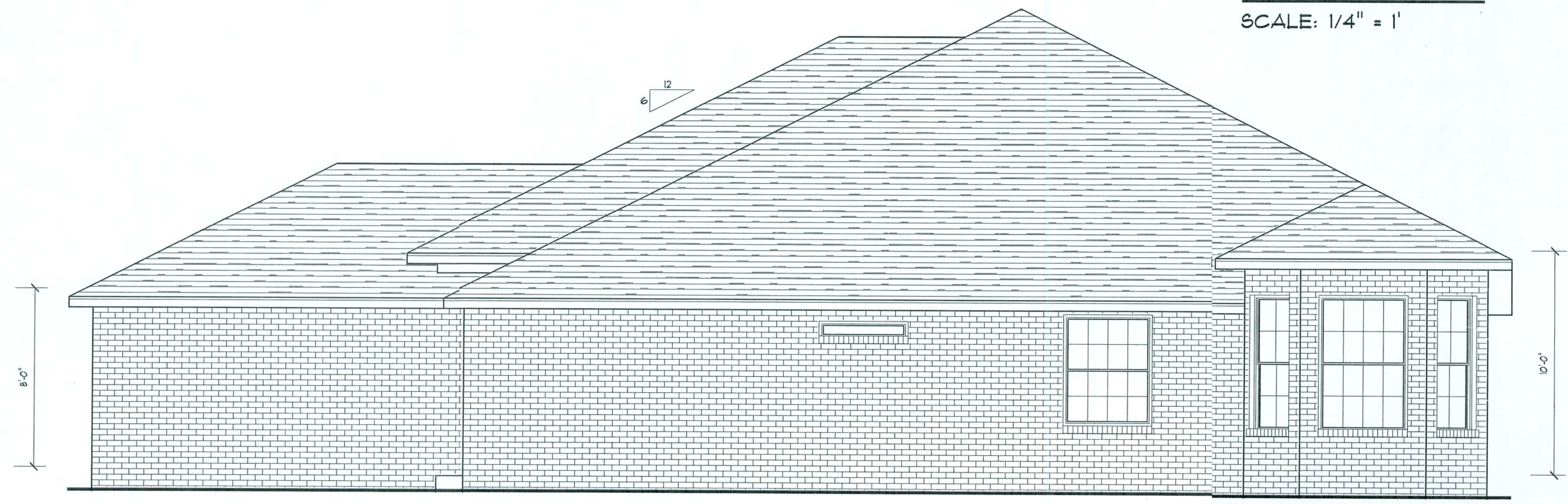
FRONT ELEVATION
SCALE: 1/4" = 1'



REAR ELEVATION
SCALE: 1/4" = 1'



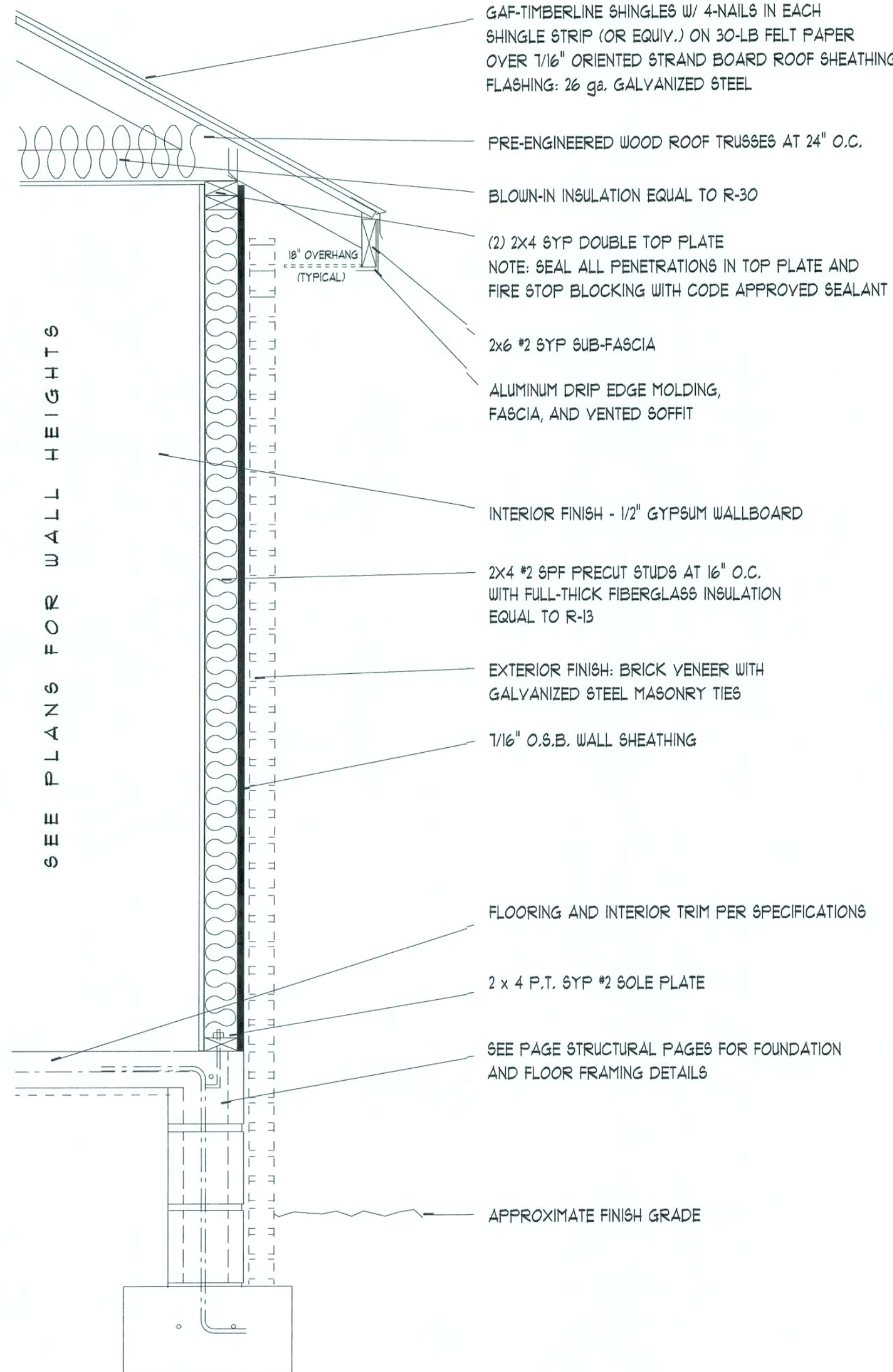
LEFT ELEVATION
SCALE: 1/4" = 1'



RIGHT ELEVATION
SCALE: 1/4" = 1'

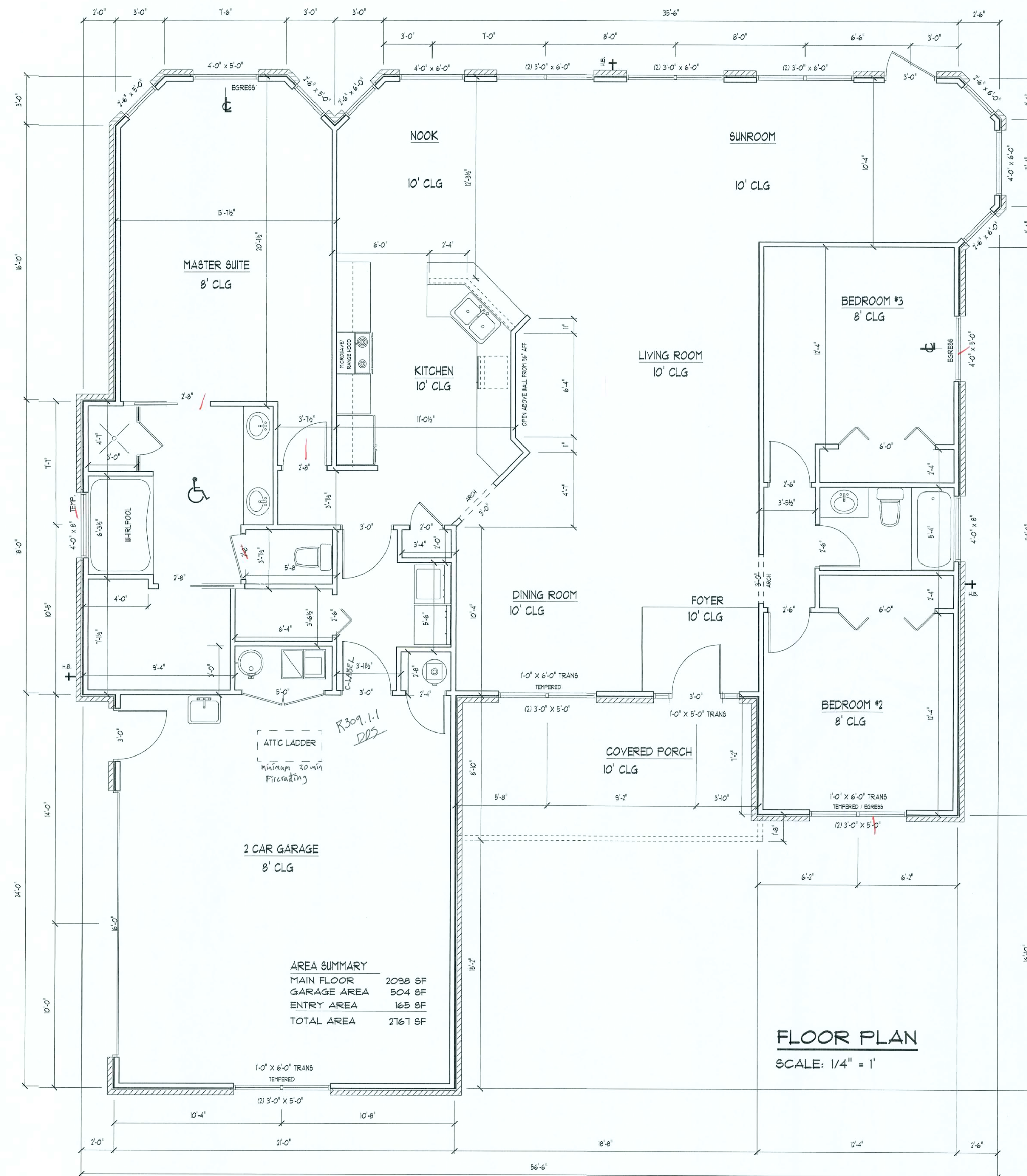
ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

ALL DRAWINGS NOT TO BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS



TYPICAL WALL SECTION

SCALE: 1" = 10"
REFER TO STRUCTURAL PAGE FOR
STRUCTURAL SPECIFICATIONS



Daniel Shaheen
Daniel Shaheen

10-15-02

CONSTRUCTION
DOCUMENTS BY:

Daniel Shaheen
P.O. Box 273
Lake City FL 32056
(904) 754-0181

A CUSTOM HOUSE BY DON REED CONSTRUCTION

LOSSOW RESIDENCE

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.

PROJECT NUMBER
010222

Daniel Shaheen
Daniel Shaheen

10-15-02

CONSTRUCTION
DOCUMENTS BY:

Daniel Shaheen
P.O. Box 213
Lake City FL 32056
(904) 754-0181

A CUSTOM HOUSE BY DON REED CONSTRUCTION

LOSSOW RESIDENCE

ELECTRICAL PLAN

ROOF PLAN

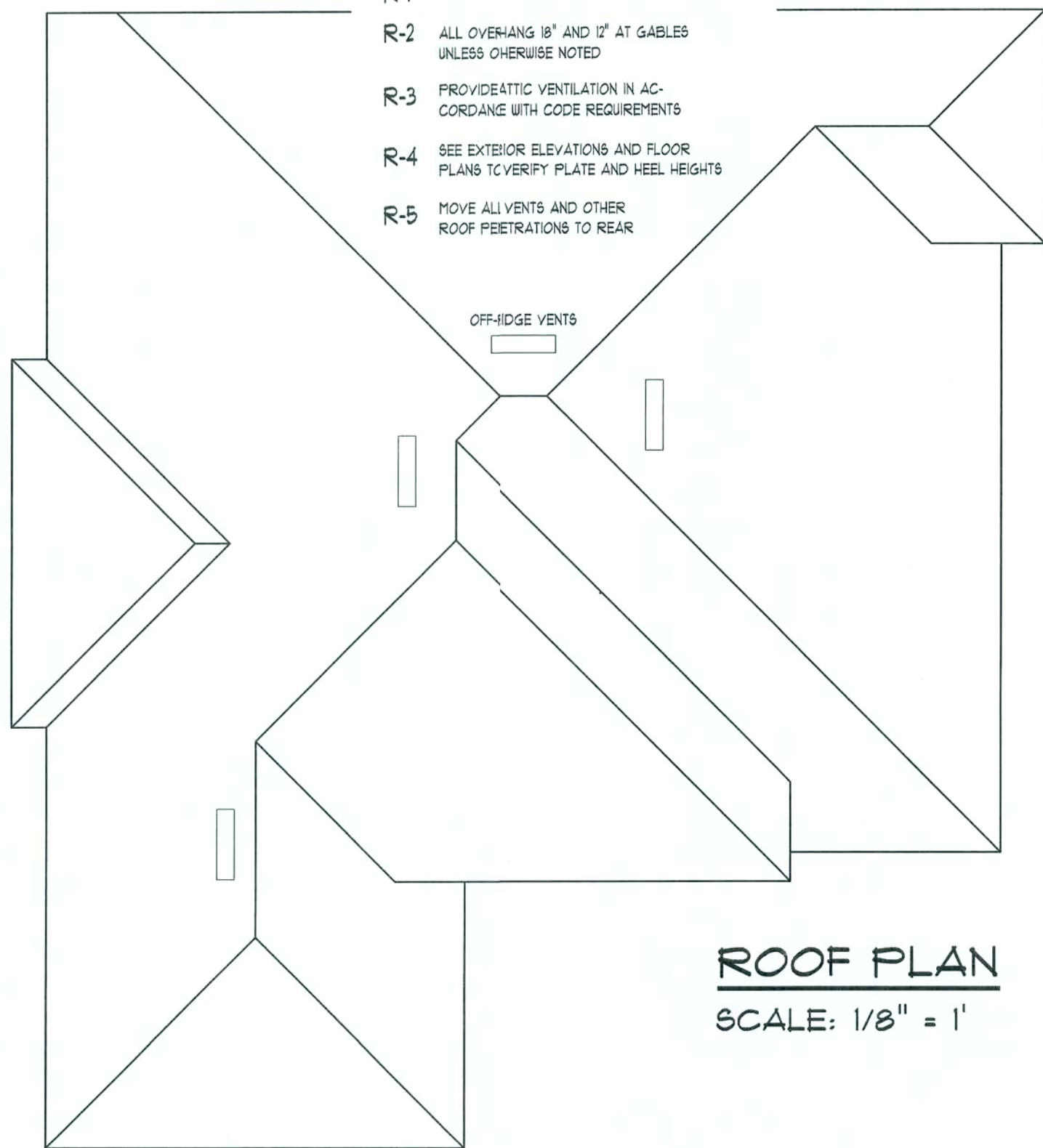
SHEET NUMBER
3 of 3

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.

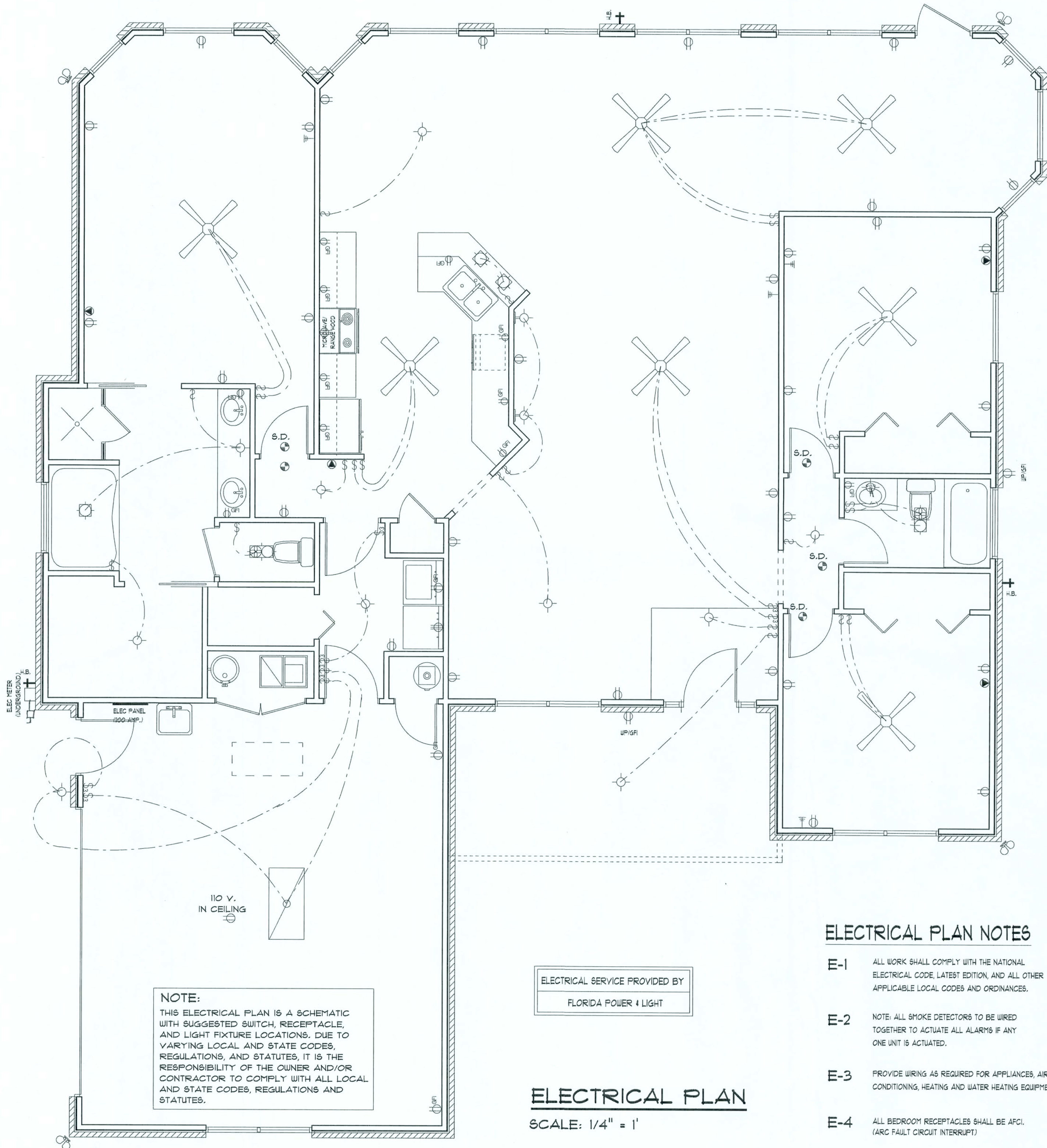
PROJECT NUMBER
010222

ROOF PLAN NOTES

- R-1 ALL ROOF PITCH 6/12 UNLESS OTHERWISE NOTED
R-2 ALL OVERHANG 18" AND 12" AT GABLES UNLESS OTHERWISE NOTED
R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH CODE REQUIREMENTS
R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR



ROOF PLAN
SCALE: 1/8" = 1'



NOTE:
THIS ELECTRICAL PLAN IS A SCHEMATIC WITH SUGGESTED SWITCH, RECEPTACLE, AND LIGHT FIXTURE LOCATIONS. DUE TO VARYING LOCAL AND STATE CODES, REGULATIONS, AND STATUTES, IT IS THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR TO COMPLY WITH ALL LOCAL AND STATE CODES, REGULATIONS AND STATUTES.

ELECTRICAL SERVICE PROVIDED BY
FLORIDA POWER & LIGHT

ELECTRICAL PLAN
SCALE: 1/4" = 1'

ELECTRICAL PLAN NOTES

- E-1 ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE, LATEST EDITION, AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES.
E-2 NOTE: ALL SMOKE DETECTORS TO BE WIRED TOGETHER TO ACTIVATE ALL ALARMS IF ANY ONE UNIT IS ACTUATED.
E-3 PROVIDE WIRING AS REQUIRED FOR APPLIANCES, AIR CONDITIONING, HEATING AND WATER HEATING EQUIPMENT.
E-4 ALL BEDROOM RECEPTACLES SHALL BE AFCI. (ARC FAULT CIRCUIT INTERRUPT)

ALL DRAWINGS NOT TO BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

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	4-8d	4-8d	
< 600	< 535	H2.5A	5-8d	5-8d	
< 950	< 820	H6	8-8d	8-8d	
< 745	< 565	H6	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	< 650	H10-1	8-8d, 1 1/2"	8-8d, 1 1/2"	
< 790	< 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	LG2	14 -16d	14 -16d	
HEAVY GIRDER TIEDOWNS*					TO FOUNDATION
< 3965	< 3330	MG1		22 -10d	1-58" THREADED ROD 1/2" EMBEDMENT
< 10980	< 6485	HGT-2		16 -10d	2-58" THREADED ROD 1/2" EMBEDMENT
< 10630	< 9035	HGT-3		16 -10d	2-58" THREADED ROD 1/2" EMBEDMENT
< 9250	< 9250	HGT-4		16 -10d	2-58" THREADED ROD 1/2" EMBEDMENT
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
< 885	< 800	DSP SINGLE SILL PLATE	2-10d		8 -10d
< 1240	< 1065	SP4			6-10d, 1 1/2"
< 885	< 760	SPH			10-10d, 1 1/2"
< 1240	< 1065	SP6			6-10d, 1 1/2"
< 1235	< 1165	LSTA18	14-10d		10-10d, 1 1/2"
< 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" AB
< 2310	< 2310	LTT01	18-10d, 1 1/2"		1/2" AB
< 2775	< 2570	HD2A	2-58" BOLTS		5/8" AB
< 4175	< 3685	HTT16	18 -16d		5/8" AB
< 1400	< 1400	PAHD42	16-16d		
< 3335	< 3335	HPAHD22	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

GENERAL NOTES:

TRUSSES: TRUSSES SHALL BE DESIGNED BY A FLORIDA LICENSED ENGINEER IN ACCORDANCE WITH THE FBC 2001. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, 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. ALL BEARING LOCATIONS, TRUSS ENGINEERING IS THE RESPONSIBILITY OF THE TRUSS MANUFACTURER. RESPONSIBILITY 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 15LB EACH END, 2X6 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 = 3000 PSI.

WELDED WIRE REINFORCED SLAB:

6" x 8" V14 x 4" W14, FB = 85KSI, WELDED WIRE REINFORCEMENT FABRIC (W.W.R.) CONFORMING TO ASTM A185, LOCATED TO 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 2 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 WMM OR REINFORCING STEEL. (RECOMMENDED LOCATION OF CONTROL JOINTS IS SUBJECT TO OWNER AND CONTRACTORS 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 60, DEFORMED BARS, F_y = 60 KSI. ALL LAP SPLICES 40" DB (25" FOR #5 BARS); UNO. ALL REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 318-96, U.N.O.

GLULAM BEAMS:

GLULAM BEAM, GLB, 24F-V3SP, F_b = 2.4ksi, E = 1800ksi, UNO. SUPPLIER MAY SUPPLY AN ALTERNATE BEAM WITH EQUAL PROPERTIES OR MAY SUBMIT THEIR OWN SIZING CALC. ROOF SHEATHING: ALL ROOFS ARE HORIZONTAL DIAPHRAGMS. 7/16" OSB SHEATHING, UNBLOCKED, APPLIED PERPENDICULAR TO FRAMING, OVER A MINIMUM OF 3 FRAMING MEMBERS, WITH PANEL EDGES STAGGERED, FASTENED WITH 8d COMMON NAILS. (11d, 9d, 8d, 7d, 6d, 5d, 4d, 3d, 2d, 1d, 1/2d, 1/4d, 1/8d, 1/16d, 1/32d, 1/64d, 1/128d, 1/256d, 1/512d, 1/1024d, 1/2048d, 1/4096d, 1/8192d, 1/16384d, 1/32768d, 1/65536d, 1/131072d, 1/262144d, 1/524288d, 1/1048576d, 1/2097152d, 1/4194304d, 1/8388608d, 1/16777216d, 1/33554432d, 1/67108864d, 1/134217728d, 1/268435456d, 1/536870912d, 1/1073741824d, 1/2147483648d, 1/4294967296d, 1/8589934592d, 1/17179869184d, 1/34359738368d, 1/68719476736d, 1/137438953472d, 1/274877906944d, 1/549755813888d, 1/1099511627776d, 1/2199023255552d, 1/4398046511104d, 1/8796093022208d, 1/17592186044416d, 1/35184372088832d, 1/70368744177664d, 1/140737488355328d, 1/281474976710656d, 1/562949953421312d, 1/1125899906842624d, 1/2251799813685248d, 1/4503599627370496d, 1/9007199254740992d, 1/18014398509481984d, 1/36028797018963968d, 1/72057594037927936d, 1/144115188075855872d, 1/288230376151711744d, 1/576460752303423488d, 1/1152921504606846976d, 1/2305843009213693952d, 1/4611686018427387904d, 1/9223372036854775808d, 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REVISIONS	

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

WINDLOAD ENGINEER: Mark Discosway
P.E. No. 53915, P.O.B. 868, Lake City, FL 32056, 386-754-5419

DIMENSIONS:
Stated dimensions supersede scaled dimensions. Refer all questions to Mark Discosway, 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 1609, Florida building code 2001, to the best of my knowledge.

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

MARK DISCOSWAY
P.E. 53915
Mark Discosway
14 SEP 05
SEAL

**DON REED
CONSTRUCTION**

Lossow Residence

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Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
September 14, 2005

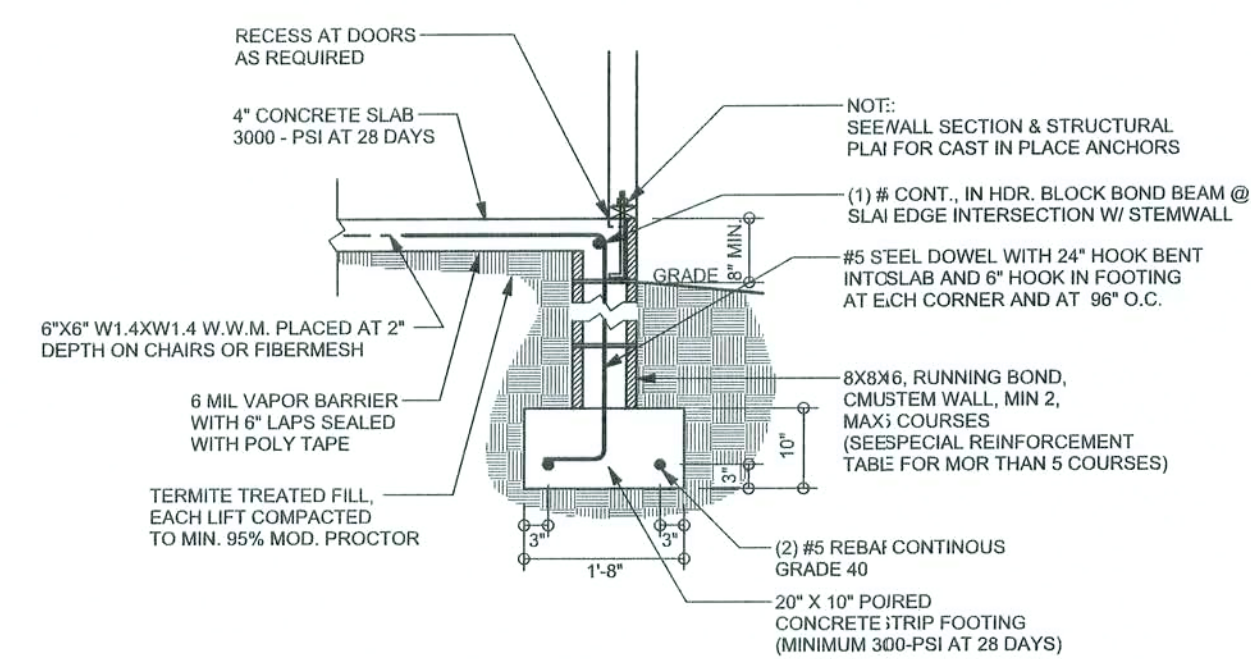
DRAWN BY:
David Discosway

CHECKED BY:

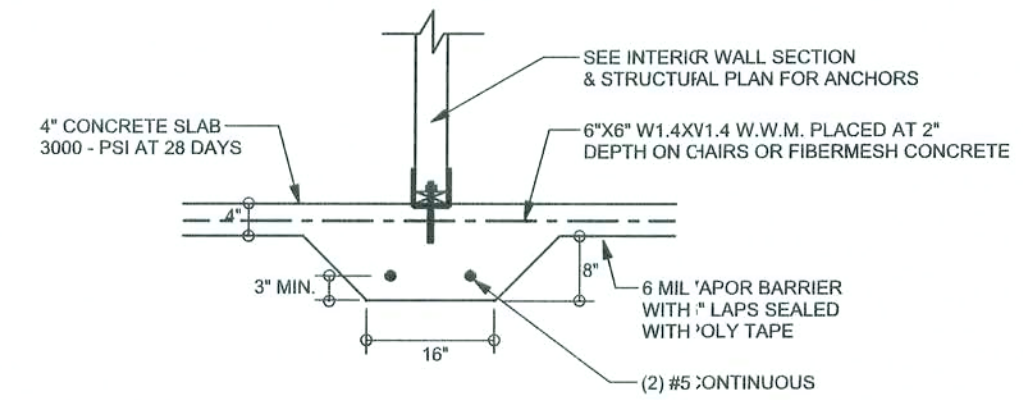
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14 / Sep / 05

JOB NUMBER:
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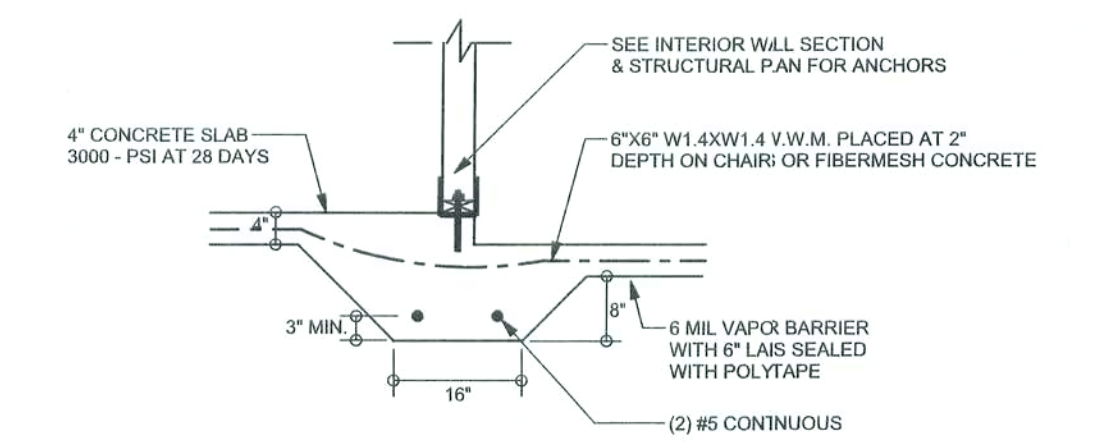
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S-2
OF 3 SHEETS



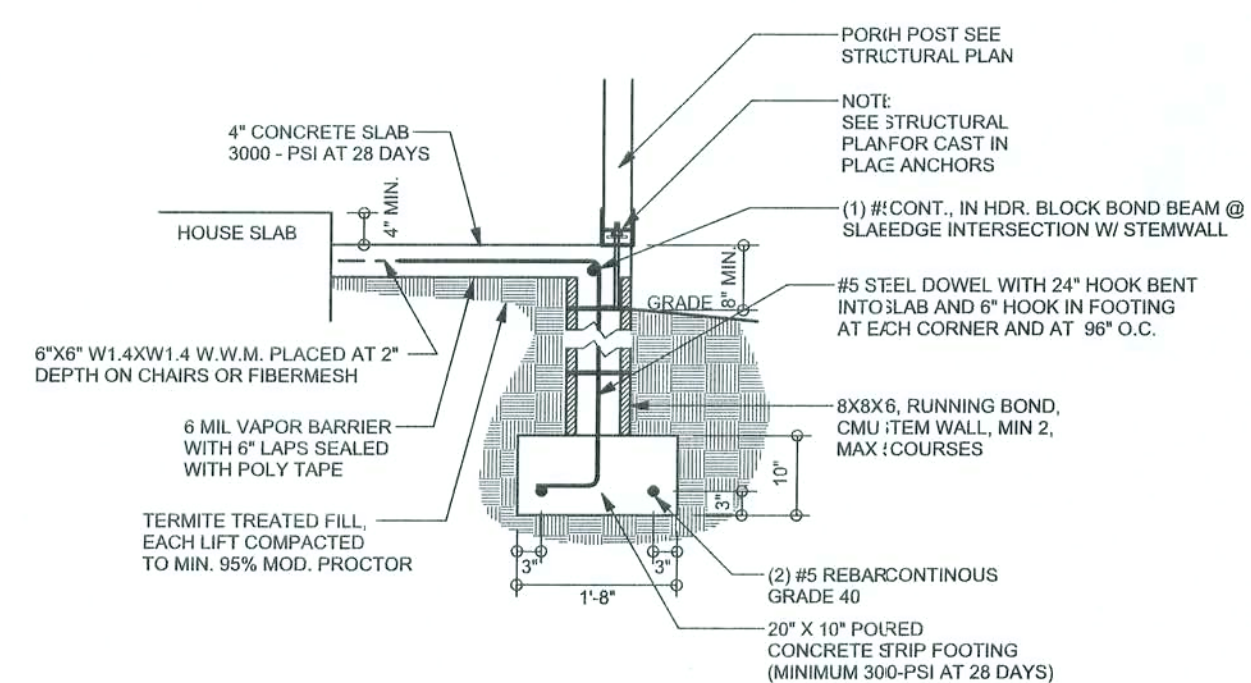
F9 S-2 STEM WALL FOOTING
SCALE: 1/2" = 1'-0"



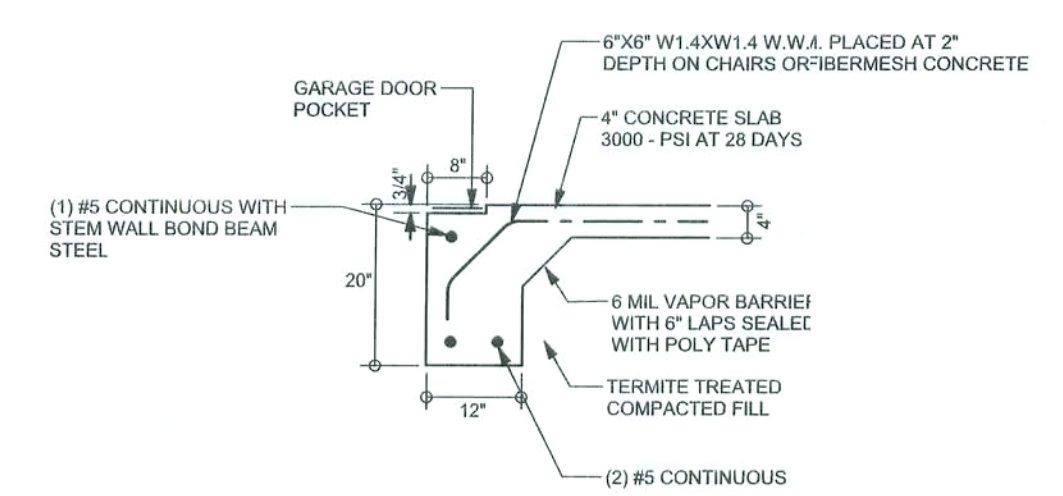
F2 S-2 INTERIOR BEARING FOOTING
SCALE: 1/2" = 1'-0"



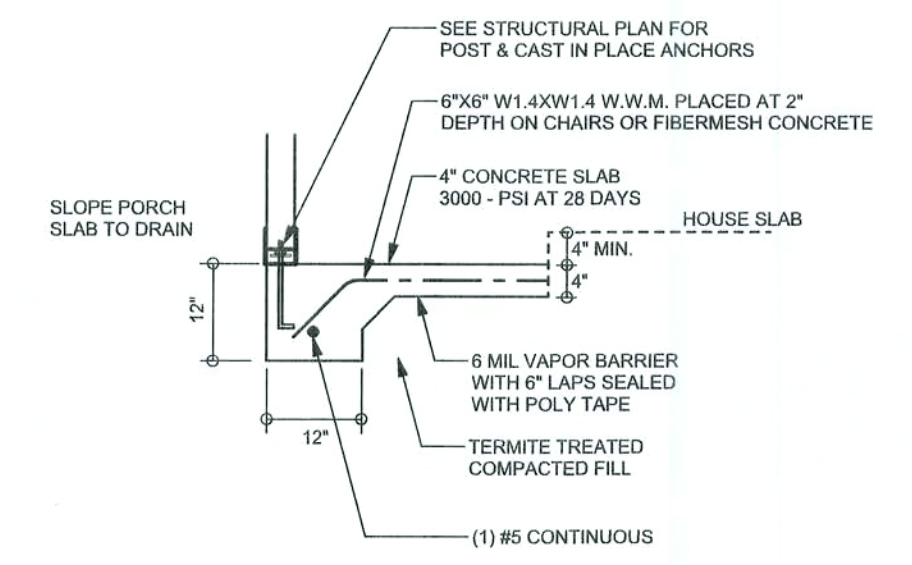
F3 S-2 INTERIOR BEARING STEP FOOTING
SCALE: 1/2" = 1'-0"



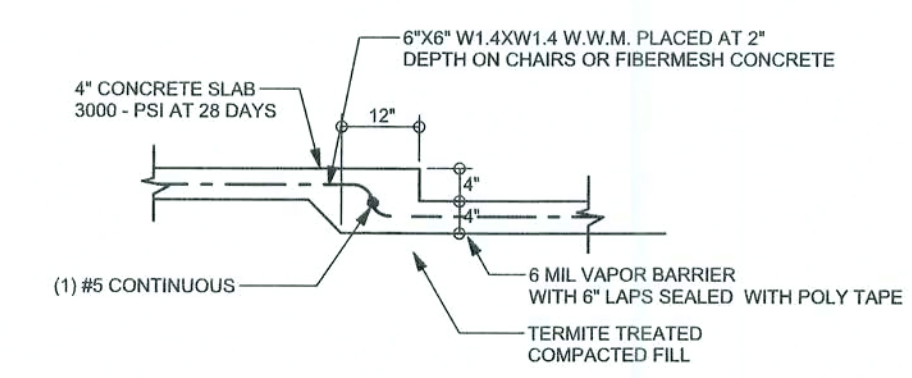
F12 S-2 ALT. STEM WALL PORCH FOOTING
SCALE: 1/2" = 1'-0"



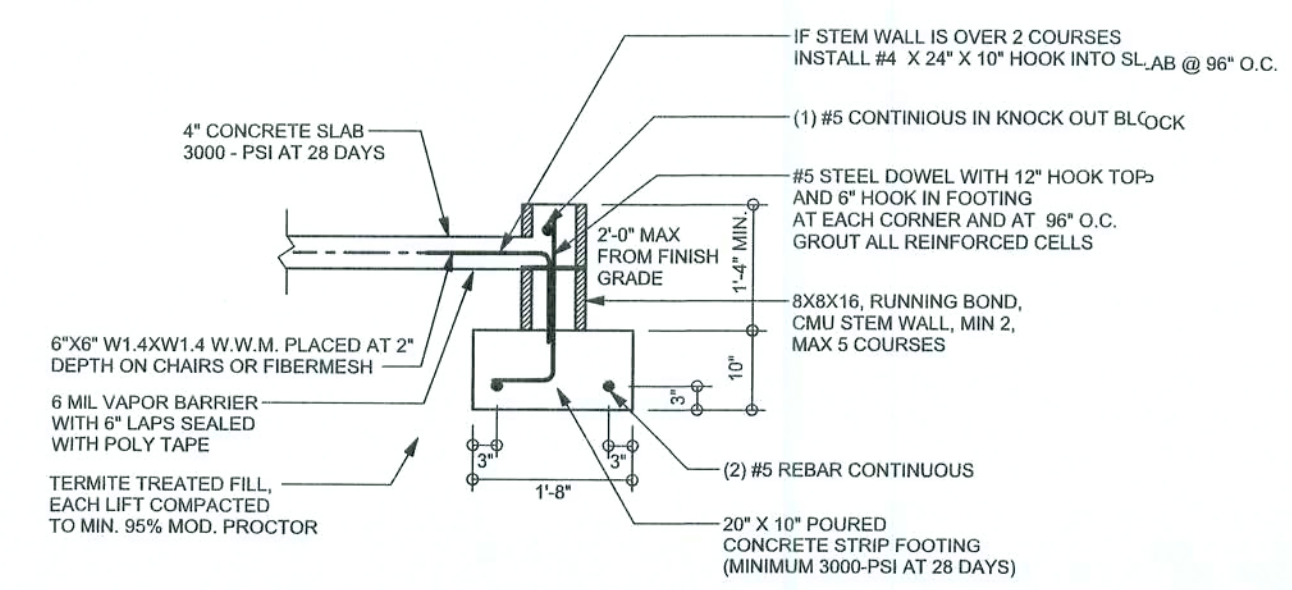
F13 S-2 ALT. STEM WALL GARAGE DOOR FOOTING
SCALE: 1/2" = 1'-0"



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



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

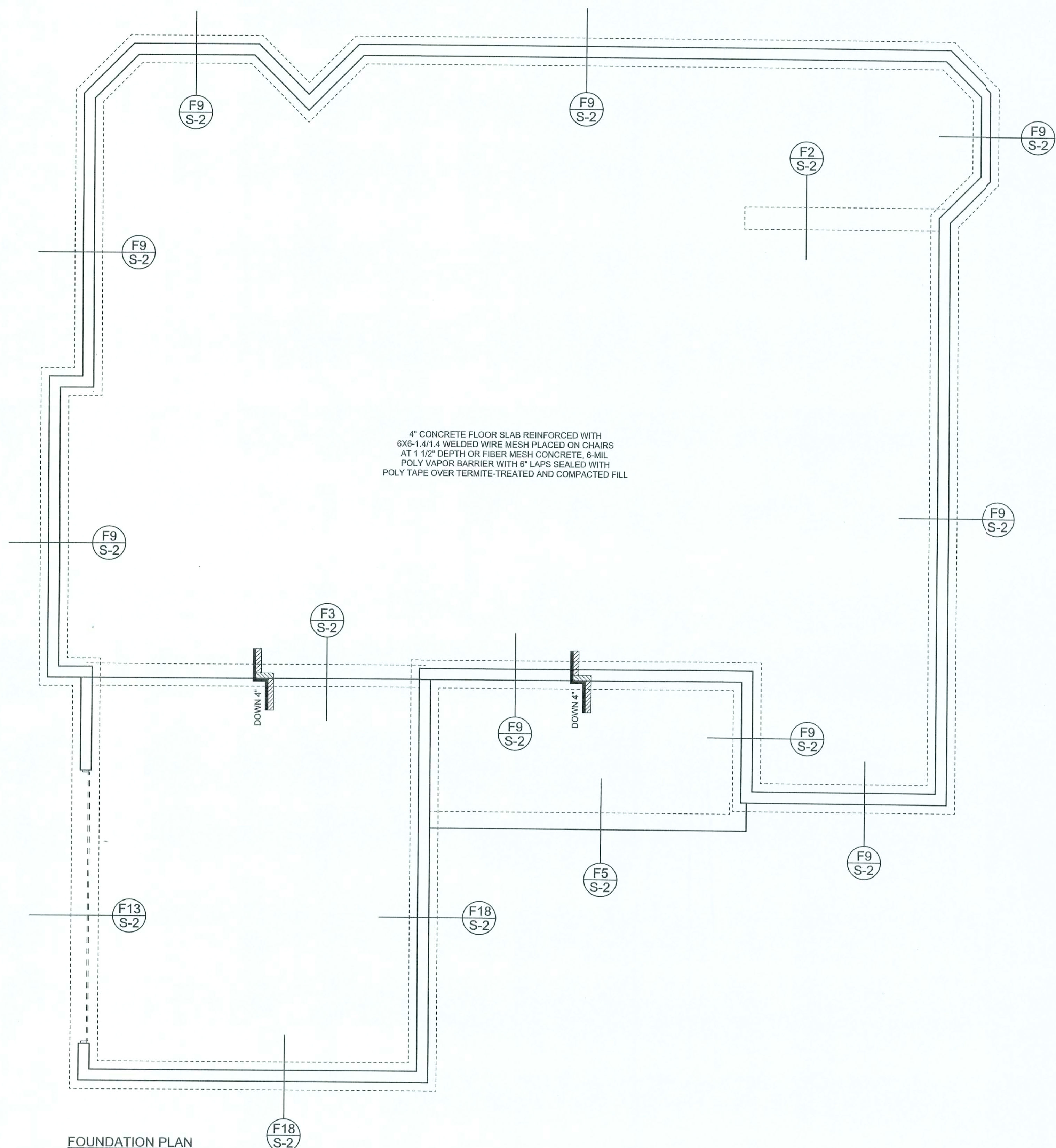


F18 S-2 STEM WALL CURB FOOTING
SCALE: 1/2" = 1'-0"

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 8' high, add Duralwall ladder reinforcement at 16" 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.

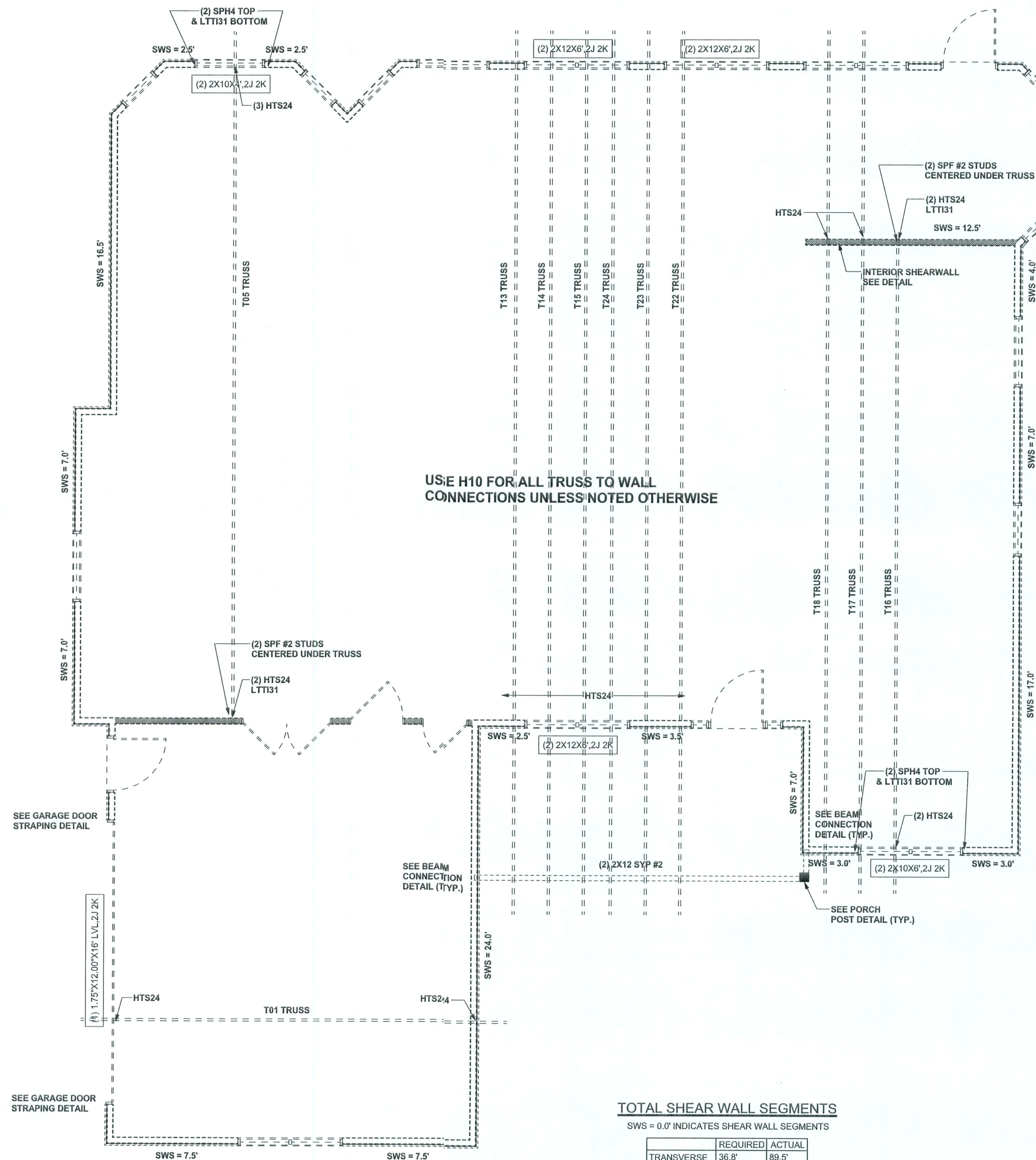
STEM WALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	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

REVISIONS	

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

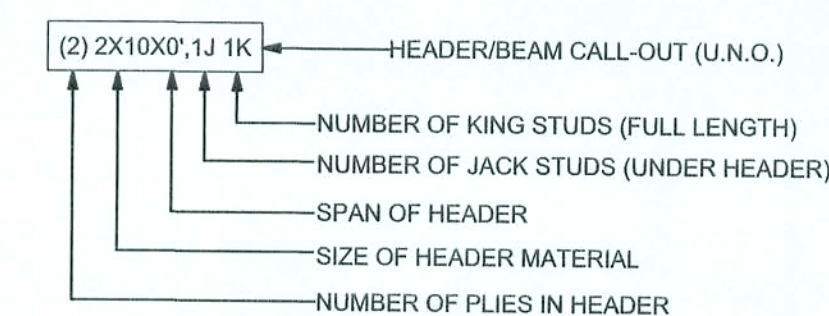
STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X10 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 WITH 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED 8d COMMON NAILS 6" O.C. EDGE, 12" O.C. FIELD (U.N.O.)
SWS = 0.0'	2ND FLOOR EXTERIOR WALL WITH 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED 8d COMMON NAILS 6" O.C. EDGE, 12" O.C. FIELD (U.N.O.)
IBW	1ST FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1
IBW	2ND FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1

HEADER LEGEND



CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. BUILDERS FIRST SOURCE JOB # L129810

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

DIMENSIONS:
Stated dimensions supercede scaled dimensions. Refer all questions to Mark Disosway, 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 1609, Florida building code 2001, to the best of my knowledge.

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

MARK DISOSWAY
P.E. 53915

Mark Disosway
14 SEP 05
SEAL

**DON REED
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Losow Residence

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PRINTED DATE:
September 14, 2005

DRAWN BY: David Disosway

CHECKED BY:

FINALS DATE:
14 / Sep / 05

JOB NUMBER:
509084

DRAWING NUMBER
S-3
OF 3 SHEETS