

(BBRL42B) BAYBURY-L

FLORIDA DESIGN CRITERIA

REVISED 09-04-09

BUILDING DATA

FLORIDA BUILDING CODE 2010 : RESIDENTIAL
FLORIDA BUILDING CODE 2010 : PLUMBING
FLORIDA BUILDING CODE 2010 : MECHANICAL
FLORIDA BUILDING CODE 2010 : FUEL GAS

NATIONAL ELECTRICAL CODE 2008
STRUCTURAL DESIGN PARAMETERS: ASCE 7-10 (PER FRC 2010 : SECTION R301.2.11)
CLASSIFICATION : 2
OCCUPANCY: RESIDENTIAL
BUILDING DESIGN: ENCLOSED
EXPOSURE: B
SURFACE ROUGHNESS : B
INTERNAL PRESSURE COEFFICIENT: GCPI = +/-0.18
RISK CATEGORY : II

DESIGN WIND SPEED:

Vult - 160 MPH (FRC 2010, R301.2.1.3)
Vult - 124 MPH (FRC 2010 R301.2.1.3)

TWO STORY DESIGN:
BUILDING MEAN HEIGHT: 25 FEET, MAX.

WOOD FRAMING INSPECTION
ALL PLUMBING, ELECTRICAL AND MECHANICAL ROUGH-INS MUST BE COMPLETE,
INSPECTED AND APPROVED BEFORE REQUESTING THE FRAMING INSPECTION.
(FRC 2010, SECTION R110.3)

TERMITE TREATMENT

THE BUILDING AND PATIO SLAB HAVE RECEIVED A COMPLETE TREATMENT
FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT
IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA
DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.
(FRC 2010, SECTION R318)

BORA CARE : TERMITE TREATMENT

THE BUILDING HAS RECEIVED A COMPLETE TREATMENT
THE PREVENTION OF SUBTERRANEAN TERMITES.
AND LAWS OF THE FLORIDA DEPARTMENT OF
AGRICULTURE AND CONSUMER SERVICES.
(FRC 2010, SECTION R318J.8)

EXTERIOR WINDOWS AND GLASS DOORS

EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED
BY AN APPROVED INDEPENDENT TESTING LABORATORY,
AND SHALL BE LABELED WITH AN APPROVED LABEL
(FRC 2010, SECTION R612)
SEE MANUFACTURER'S DETAIL SHEETS FOR DESIGN CRITERIA
AND INSTALLATION METHODS.

WINDBOURNE DEBRIS REGIONS

WINDOWS IN BUILDINGS LOCATED IN WINDBOURNE DEBRIS
REGIONS SHALL HAVE GLAZED OPENINGS PROTECTED FROM
WINDBOURNE DEBRIS. GLAZED OPENING PROTECTION FOR
THE LARGE MISSILE TEST OF ASTM E 1996 AND OF
ASTM E 1886, SST D 12, ANSI/DASMA 115 (FOR GARAGE DOORS)
OR TAS201.202 AND 203.
(FRC 2010, SECTION R301.2.1.2)

Job #: 9TM02901

DIV:JAX

REVISIONS :				



4005 MARONDA WAY
SANFORD, FL 32771
(407) 321-0064

9TM02901
JAX-9TM
LOT 29-1

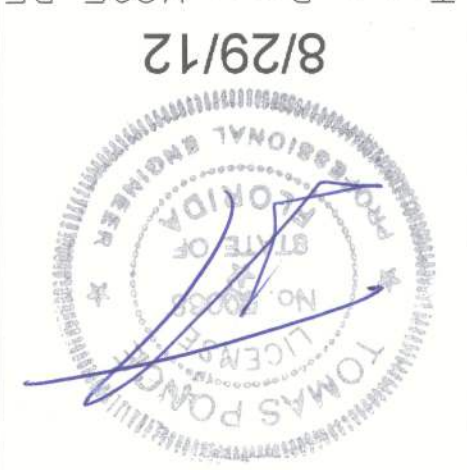
FLORIDA
THIS STRUCTURE WAS DESIGNED
IN ACCORDANCE AND MEETS THE
REQUIREMENTS OF SECTION
R301 OF THE FLORIDA BUILDING
CODE 2010 : RESIDENTIAL. ALL
CONNECTORS HAVE BEEN CHECKED
TO WITHSTAND ALL APPLICABLE
LOADS. EXPOSURE B, ENCLOSED
BUILDING AND RISK CATEGORY II.
DESIGNED WIND SPEED
Vult - 160 MPH
Vpsd - 124 MPH

COVER SHEET
BAYBURY
ELEVATION-L
GARAGE: LEFT
DRAWN BY:

RELEASE DATE: 03-22-05

1546658

TOMAS PONCE MSC.E, P.E.
FL. P.E. LIC.#50068



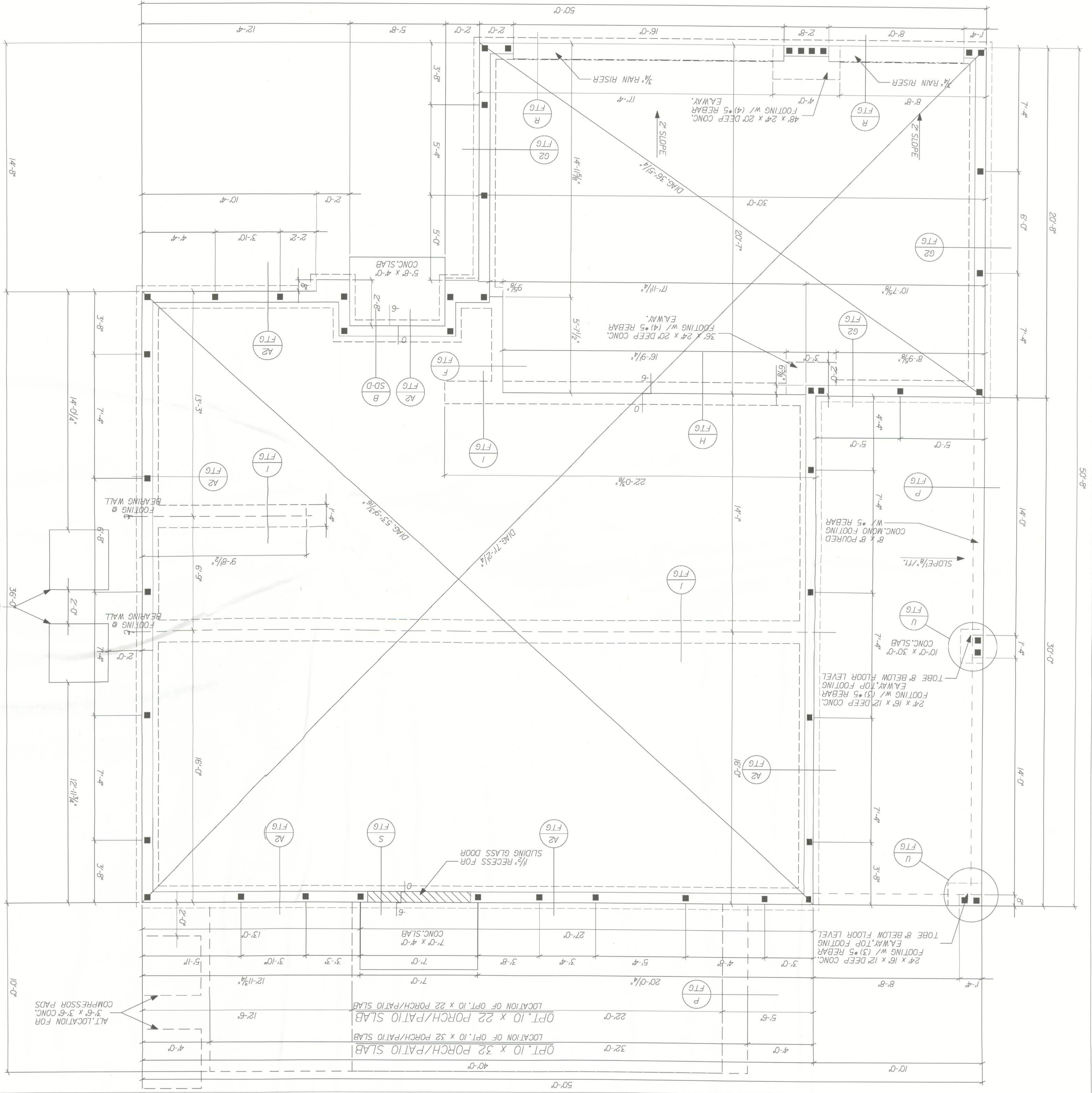
8/29/12

SHEET:

01

PLOT DATE: 12 APR 2012





3

SHEET:

Tomas Ponce MSC, PE
FL. PE. LIC. #50068
8/29/12

AMERICANA FIRST FLOOR PLAN

BAVBURY

ELEVATIONS "L" & "S"

GARAGE: LEFT

DRAWN BY:
RELEASE DATE: 03-22-05
133626

REV: 03-15-12

REV: 04-06-09

GENERAL FIRST FLOOR NOTES:

ALL EXTERIOR WALLS SHALL BE CONSIDERED SHEAR WALLS MINUS ALL WINDOW AND DOOR OPENINGS.

EXTERIOR WALLS TO BE 7% CONCRETE BLOCK w/ P.I. FURNISHING STRIPS IN A/C AREA, TOTAL WIDTH = 8%.

EXTERIOR OPENING DIMENSIONS ARE TO FACE OF MASONRY OPENING.

INTERIOR LOAD BEARING WALLS TO BE 2x4 WOOD FRAME WALLS w/ STUDS @ 16" O.C.

INTERIOR NON-LOAD BEARING WALLS TO BE NOMINAL 3/8" MTL STD OR 2x4 W.D. STUD

ALL WOOD NOT SEPARATED FROM AND/OR IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED WOOD

SEE LINTEL SHEET FOR LINTEL SIZES OVER WINDOWS AND DOORS, PRECAST LINTELS BY CAST CRETE.

ALL COMPOSITE BEAMS OVER WINDOW AND DOOR OPENINGS ARE TO BE 8" NOMINAL WITHIN 16" NOMINAL HEIGHT SHALL CONSIST OF AN 8" TOP COURSE (ROUND BEAM BLOCK) FILLED w/ 3000 PSI CONCRETE w/ REBAR (1) GRADE 40 CONTINUOUS HORIZ. REBAR AND 2 BARS HIGH STRENGTH PRECAST LINTEL. LOWER COURSE WHICH SHALL BE UNFILLED, 3000 PSI CONCRETE w/ 3/8" AGGREGATE, FOR REINFORCED PRECAST LINTELS, USE GRADE 40 REINFORCING STEEL.

PROVIDE SAFETY GLAZING AT: T - TEMPERED

ALL WINDOWS OVER BATH TUBS.

ALL WINDOWS WITHIN 24" OF A DOOR SWING.

ALL SLIDING GLASS DOORS OVER 30" O.C. AND ALL LITES WITHIN 16" OF THE FLOOR AND INDIVIDUAL PANE GREATER THAN 9" O.C. IN SECTION 210-2.

PROVIDE A/C DISCONNECT WILL BE LOCATED WITHIN 3 FEET OF THE COMPRESSOR.

SEE SHEET "W" FOR WINDOW AND LINTEL SCHEDULES AND DETAILS.

PROVIDE HEADER w/ (1) 2x4 JACK AND (1) 2x4 STUD, EACH SIDE OF OPENING (NO STAPLING REQUIRED, UNO).

SC DOOR - MIN. 1 1/2" THICK SOLID CORE DOOR

INDICATES FILLED CELL WITH REBAR

ALL DRYWALL TO BE 1/2" THICK, UNO.

SQUARE FOOTAGE:

1st FLOOR LIVING 1312 SQ. FT.

2nd FLOOR LIVING 1595 SQ. FT.

TOTAL LIVING 2907 SQ. FT.

GARAGE AREA 616 SQ. FT.

COVERED ENTRY 15 SQ. FT.

COVERED PORCH 300 SQ. FT.

TOTAL AREA 3838 SQ. FT.

OPENING PRESSURES:

VENT = 160mph	A	B	C	D	E
-30.0	-27.6	-26.4	-37.0	-26.7	-28.0
	27.6	26.4	37.0	26.7	28.0

REV: 03-15-12

INTERIOR SUPPORT BEARING WALL TO BE 2x4 * 2 SYP. WOOD STUDS @ 16" O.C. ATTACH w/ 1/2" x 5/4" WEDGE ANCHOR w/ 2" x 2" x 1/8" SO. WASHER @ 48" O.C.

BS

ALL SWING DOORS IN BLOCK USE 2x DOOR DETAIL D/SD-D

ALT. LOCATION FOR COMPRESSOR PADS

REVISED 04-06-09

FASTENERS SCHEDULE USING 3/8" x 2 1/4" APCONS THROUGH BUCK INTO BLOCK
NOTE 1) 1/2" WIDE: 2 FASTENERS IN HEADER-JAMB
NOTE 2) 2 WIDE: 2 FASTENERS IN HEADER-JAMB
NOTE 3) 3 WIDE: 3 FASTENERS IN HEADER-JAMB
NOTE 4) 2 HIGH: 2 FASTENERS IN EASIDE JAMB
NOTE 5) 3/4" HIGH: 3 FAST. EASIDE JAMB
NOTE 6) 6 HIGH 26 3/4": 4 FASTENERS IN EACH SIDE JAMB
NOTE 7) 438 WINDOW INTO FRAME OPENING: 10 x 1 1/4" SCREWS
NOTE 8) S6D FASTENED WITH: 10 1 1/4" ANCHORS EVERYHOLE
SILS: 3/8" x 1 1/4" x 1 1/4" PANHEAD ALL HOLES

WINDOW NOTES

ATTENTION
F.O. WIDTH IS FROM JACK TO SILL.
F.O. HEIGHT IS FROM SILL TO BEAM.
M.O. WIDTH IS FROM BLOCK TO BLOCK.
M.O. HEIGHT IS FROM LIP OF SILL TO PRECAST.
I.D. DIMENSION IS ALWAYS WIDTH.
UNIT OF MEASURE IS INCH.
SCHEDULES FOR NORANDEX WINDOW FASTENERS AND CAST-Crete LINTELS AS SHOWN ARE TAKEN DIRECTLY FROM TABLES SUPPLIED BY THE RESPECTIVE MANUFACTURERS AND ARE PROVIDED FOR CONVENIENCE ONLY.

NORANDEX SERIES (MO)437-(FO)438 WINDOW SIZE CHART

SIZE	M.O.	FAST.	SIZE	M.O.	FAST.
6068	75 1/2" X 81 1/4"	8	6080	75 1/2" X 97 3/4"	8

SERIES (MO)437 - (FO)438 OPENINGS					
SIZE	SINGLE M.O.	FAST.	SIZE	SINGLE F.O.	FAST.
25	37 3/4" X 63	2.5	3050	35 3/4" X 59 3/4"	7
35	53 3/8" X 63	3.5	4050	47 3/4" X 59 3/4"	7
23	37 3/4" X 38 3/8"	2.5			

HALF ROUND MULLED TO UNIT - SERIES (MO)437 - (FO)438 OPENINGS					
SIZE	SINGLE M.O.	FAST.	SIZE	SINGLE F.O.	FAST.
(2) 24 W / 3'-0" CT	75 X 71	2.5, 7			

SPECIALTY WINDOWS					
SIZE	SINGLE F.O.	FAST.	SIZE	SINGLE F.O.	FAST.
(2) 2630	60 1/4" X 35 3/4"	7			
30 CT	36 1/2" X 18 1/2"	7			

THE SPECIFIED LINTELS ON SHEET WILL BE MANUFACTURED BY CAST-Crete CORP. ALTERNATE MANUFACTURED LINTELS ARE AVAILABLE "BY OTHERS". SOLE AND FULL RESPONSIBILITY IS RETAINED BY THE SUB-CONTRACTOR IN THE SELECTION OF THE ALTERNATE LINTELS AS HAVING EQUAL TO OR GREATER THAN THE ACTUAL GRAVITY AND UPLIFT LOADS THAT ARE LISTED ON THIS HOUSE SPECIFIC WU LINTEL SCHEDULE.

REVISED 04-02-07

MATERIALS

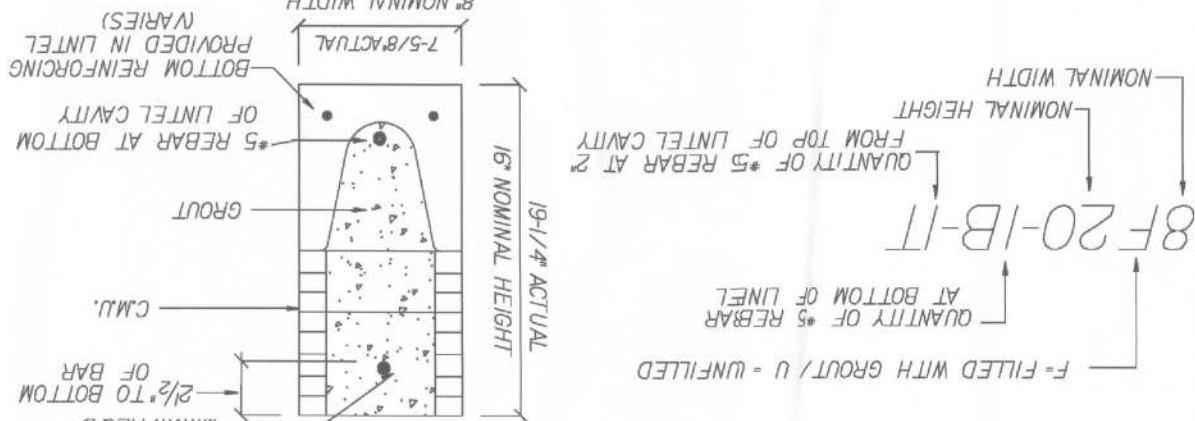
1. f.c. precast lintels = 3500 psi.
2. f.c. prestressed lintels = 6000 psi.
3. f.c. grout = 3000 psi w/ maximum compressive strength = 1900 psi.
4. Concrete masonry units (CMU) per ASTM C90 w/ minimum net area compressive strength = 1900 psi.
5. Rebar provided in precast lintel per ASTM A615 GR60. Field rebar per ASTM A615 GR60 or GR60.
6. Prestressing strand per ASTM A416 grade 270 low relaxation.
7. 7/32 wire per ASTM A510.
8. Mortar per ASTM C270 type M or S.

Cast-Crete LINTEL SCHEDULE

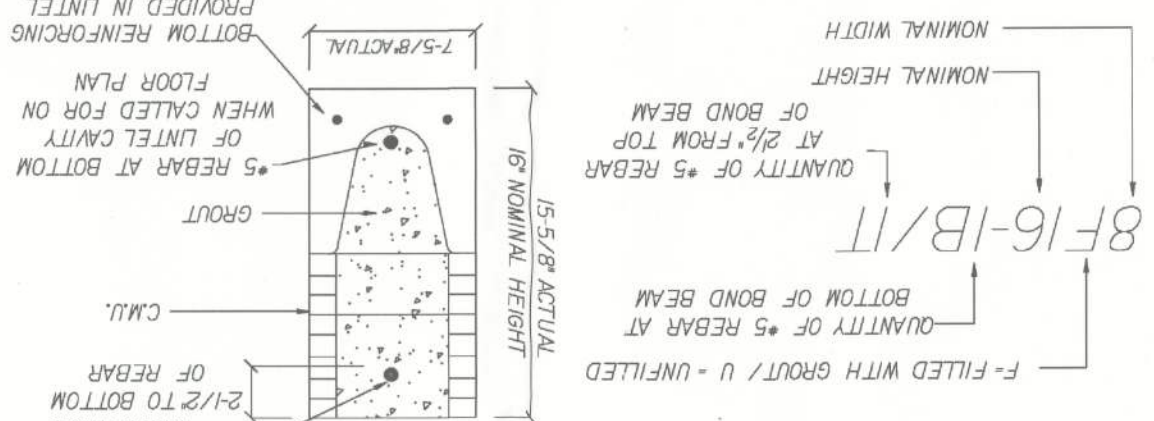
10	17'-4"	BF-20-OB/IT	1067	31	1326	520	GARAGE DOOR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</
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* BASED UPON CASTCRETE ALLOWABLE LOAD TABLES

TYPICAL GARAGE DESIGNATION



TYPICAL DESIGNATION



REVISIONS:

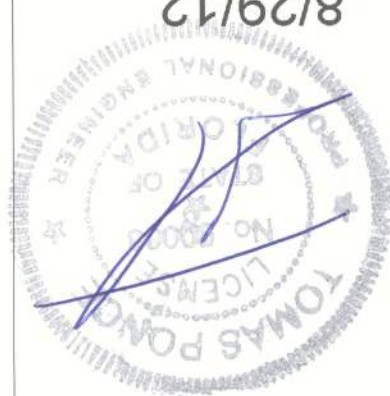
NO.	DATE	DESCRIPTION
03/15/12	REV. CODE	INFORMATION



4005 MARONDA WAY
SANFORD, FL 32771
(407) 321-0064

DESIGNED WIND SPEED
V₅₀ = 160 MPH
V₁₀₀ = 124 MPH
THIS STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIREMENTS OF SECTION 603 OF THE FLORIDA BUILDING CODE 2010. RESIDENTIAL ALL CONNECTORS HAVE BEEN CHECKED TO WITHSTAND ALL APPLICABLE LOADS. EXPOSURE B, ENCLOSED BUILDING AND RISK CATEGORY II.

AMERICANA WINDOW/LINTEL
BAYBURY
ELEVATION "L", "R", "S" & "T"
DRAWN BY: GARAGE: LEFT
RELEASE DATE: 03-22-05

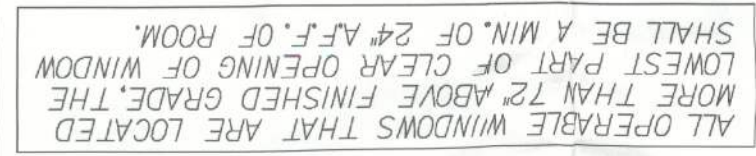


8/29/12
Tomas Ponce MSCE, PE
FL PE, LIC. #50068

SHEET:
WL1

PLOT DATE: 12 APR 2012

15/27/13



OPENING PRESSURES:	
A	$\frac{-27.6}{-30.0}$
B	$\frac{-23.3}{-26.4}$
C	$\frac{-27.6}{-37.0}$
D	$\frac{-24.3}{-26.1}$
E	$\frac{-24.7}{-28.0}$

GENERAL SECOND FLOOR NOTES:

ALL EXTERIOR WALLS SHALL BE CONSIDERED SHEAR WALLS UNLESS ALL WINDOW AND DOOR OPENINGS.

EXTERIOR WALLS TO BE 8" THICK, CONSISTING OF 2x4 # 2 X 4 STUDS W/ 1/4" OSB SHEATHING, TYPICAL UNDO.

EXTERIOR OPENING DIMENSIONS ARE TO FACE OF ROUGH OPENING

INTERIOR NON-LOAD BEARING WALLS TO BE NOMINALLY 3/4" ML STUD OR 2x4 WD. STUD

PPROVIDE SAFETY GLAZING AT: 1 TEMPERED ALL WINDOWS WITHIN 24" OF A DOOR SWING. ALL SLIDING GLASS DOORS. ALL FIXED GLASS LITES OVER 30 SQ. FT. ALL LARGER THAN 9 SQ. FT. ALL SHOWER ENCLOSURES.

PROVIDE AFOIS (aircraft circuit interrupters) IN ALL DWELLING UNIT BEDROOMS PER NEC. SECTION 210-2

ALL BEDROOM WINDOWS ARE CONSIDERED EGRESS UNLESS OTHERWISE NOTED

SEE SHEET # W1 FOR WINDOW AND LINTEL SCHEDULES AND DETAILS

REVISIONS :

Maronda Homes

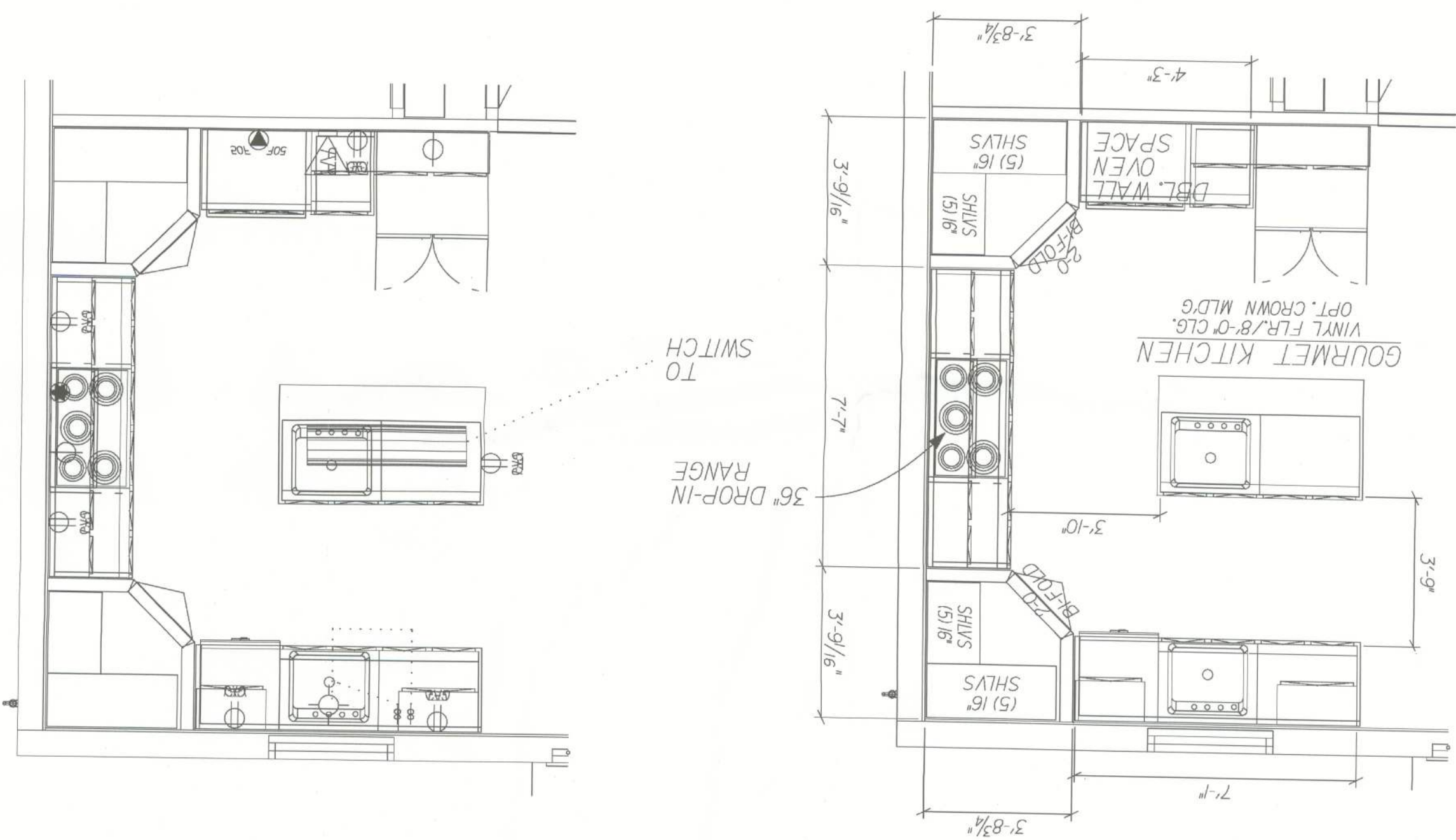
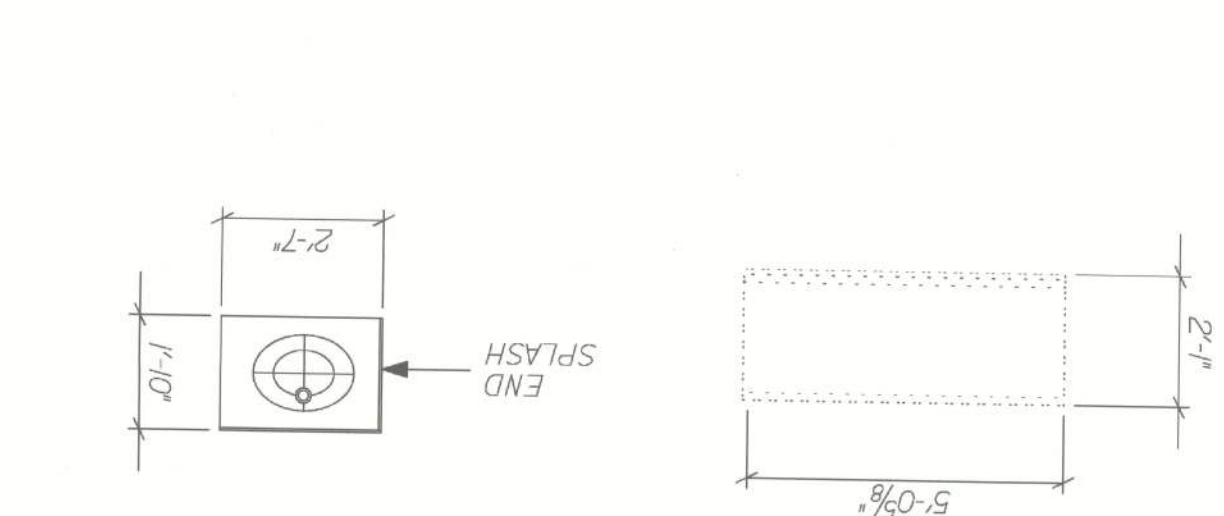
03-15-12	REV. CODE	INFORMATION
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AMERICAN A	SECOND FLOOR PLAN
<i>IBAYBUR Y</i>	
ELEVATIONS - 3 CAR	
DRAWN BY: 17 APR 2012	GARAGE: RIGHT
RELEASE DATE: 03-22-05	
30427	

Toms Ponce MSCE, PE
 F.L. PE, LIC. #50068
 SHEET: 4
 PLOT DATE: 17 APR 2012

GOURMET KITCHEN PLAN



ON REAR FACE OF ISLAND CABINETS
INSTALL 1/4" VENEER PANEL OVER
1/4" PLYWOOD BACKER W/ (2) OUTSIDE
CORNER PEICES.
ISLAND > 48" ADD (1) BATTON MOLDING
AT PANEL JOINT

Technical drawing of a kitchen cabinet layout. The drawing shows a side view of a cabinet with a countertop. The countertop is labeled "W1830" and "W3612". The cabinet body is labeled "OD3384". The upper section is labeled "REFRIG." and "BIB". The lower section is labeled "SPACE" and "OVEN". The drawing includes dimensions for the countertop, cabinet body, and various internal components.

Diagram illustrating the upper cabinet assembly components and dimensions:

- Components:** B30 (Cabinet Body), SB30 (Shelf/Baffle), W230 (Drawer/Front Panel), W2430 (Drawer/Front Panel), and a Filter/Dish Washer assembly.
- Dimensions:**
 - Overall height: 3'-0"
 - Internal height: 1'-6"

Technical drawing of a drop-in cooktop showing front, side, and top views with dimensions and labels.

Labels:

- END SPLASH
- END SPLASH
- END SPLASH
- LOCATION OF DROP-IN COOKTOP
- CONSTRUCTION OR FIELD USE

Dimensions:

- Top View: 7'-2 1/8" (Total Width), 3'-4 1/8" (Inner Width), 3'-10" (Outer Width), 5'-2" (Total Depth), 3'-10" (Inner Depth), 1'-4" (Outer Depth), 1 1/2" (Cutout Depth).
- Side View: 7'-6" (Total Height), 3'-9" (Lower Section Height), 3'-9" (Upper Section Height), 2'-4" (Lower Section Width), 2'-4" (Upper Section Width).
- Front View: 1'-7 1/2" (Total Width), 2'-4" (Inner Width).

The diagram illustrates two types of sinks: a 'STANDARD SINK' and an 'OFFSET SINK'. The 'STANDARD SINK' is shown with a width of 2'-7" and a depth of 1'-4". The 'OFFSET SINK' is shown with a width of 3'-7" and a depth of 1'-4". The 'OFFSET SINK' is positioned further from the wall than the 'STANDARD SINK'. The diagram also shows a 'SPLASH' area and a 'FLOOR' area.

Technical diagram of a lighting fixture assembly. The diagram shows a cross-section of the fixture with two V30 light sources at the top. Below the light sources is a reflector assembly. The main body of the fixture is labeled with a vertical dimension of 1000mm. The diagram includes labels for the V30 light sources, the reflector assembly, and the main body of the fixture. Arrows indicate the light path from the V30 sources through the reflector and into the main body. The diagram is oriented vertically, with the text 'LIGHT FIXTURES PER DESC.' and 'GFI OUTLET UNDER MIRROR' at the bottom, and 'MAST' at the top.

Diagram of a rectangular box with two circular openings. The box has a length of 5'-0" and a height of 1'-0". The openings are labeled "END" and "SPASH".

CSU

SHEET:

8/29/12

Tomás Ponce MSGE, PE

FL PE, LIC. #50068

AMERICANA

SECTION

ELEVATIONS-A,B,G,H,I,M,N,O,R,S

DRAWN BY:

RELEASE DATE: 03-22-05

BABURY

GARAGE: LEFT

THIS STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIREMENTS OF SECTION 903 OF THE FLORIDA BUILDING CODE 2010. RESIDENTIAL ALL CONNECTORS HAVE BEEN CHECKED TO WITHSTAND ALL APPLICABLE LOADS. EXPOSURE B, ENCLOSED BUILDING AND RISK CATEGORY II.

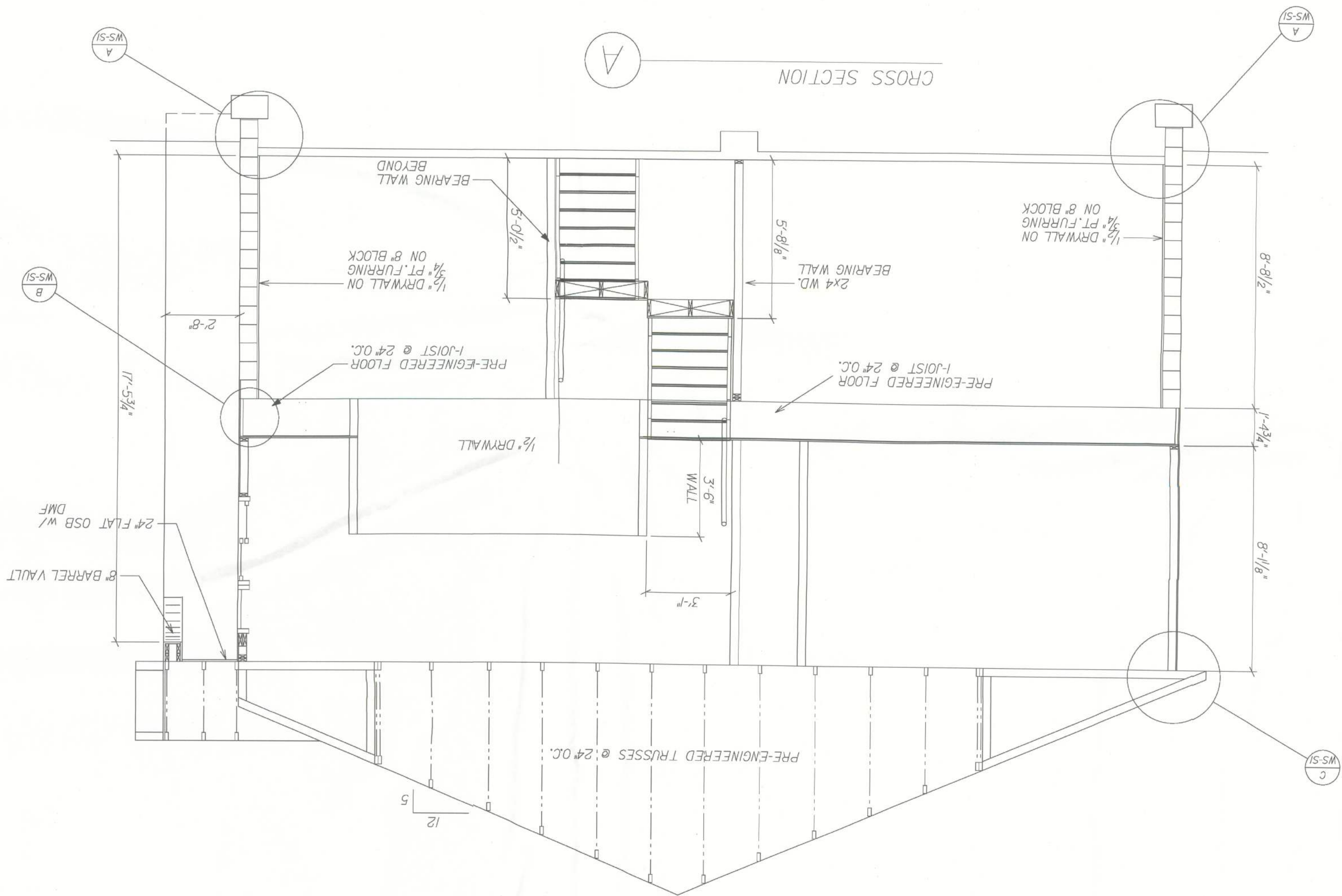
DESIGNED WIND SPEED
V₅₀ = 124 MPH
V₁₀₀ = 160 MPH

4005 MARONDA WAY
SANFORD, FL 32771
(407) 321-0064

Maronda Homes

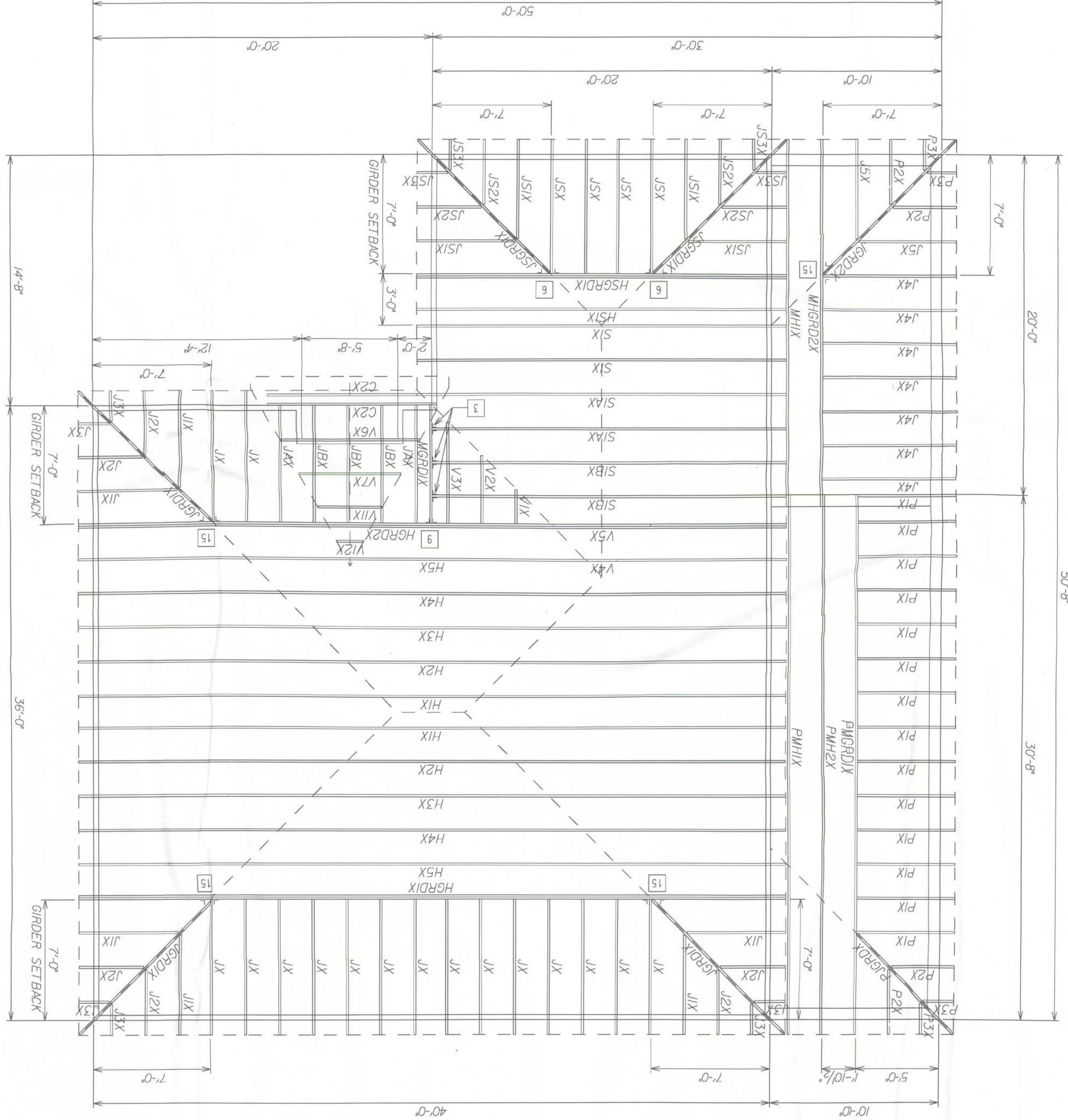
REVISIONS:

03-15-12 REV. CODE INFORMATION



TRUSS ID	TRUSS TYPE	QUAN.	DOWN.		UP/LIFT		STRAP	
			LEFT	MID	RIGHT	LEFT	MID	RIGHT
H1X	HIP	2	358		358		50	
H2X	HIP	2	342		342		50	
H3X	HIP	2	324		324		50	
H4X	HIP	2	341		341		50	
H5X	HIP	2	363		363		50	
H6RD1X	HIPGRDR 1 (2-PLY)	745	745		745		49	
H6RD2X	HIPGRDR 1 (2-PLY)	912	912		1075		49	
S1X	SCISSOR	2	165		165		50	
S1AX	SCISSOR	2	181		194		50	3
S1BX	SCISSOR	2	181		194		50	3
S1SX	SCISSOR	2	181		194		50	3
H5GRD1X	HIPGRDR 1 (2-PLY)	362	362		362		50	
J6RD1X	JACKGRDR	3	130		164		50	
J1X	JACK	16	66		114		50	N
J1IX	JACK	6	51		79		50	N
J2X	JACK	6	36	1	46		50	N
J3X	JACK	6	25	3	12		50	N
J4X	JACK	2	46		114		50	N
J5X	JACK	3	91		97		50	N
J6X	JACKGRDR	2	196		164		24	
J5X	JACK	4	32		113		50	N
J5IX	JACK	4	16	1	78		50	N
J52X	JACK	4	1	4	46		50	N
J53X	JACK	4	19		59		50	N
J4X	JACK	7	106		89		54	N
J5X	JACK	2	65		77		54	N
M6RD1X	MONOGRDR	1	385		433		54	N
C2X	SPECIAL	2	32	123	69 742	31	31	9
V1X	VALLEY	1			33 @ 48" O.C.			
V2X	VALLEY	1			33 @ 48" O.C.			
V3X	VALLEY	1			33 @ 48" O.C.			
V4X	VALLEY	1			37 @ 48" O.C.			
V5X	VALLEY	1			37 @ 48" O.C.			
V6X	VALLEY	1			33 @ 48" O.C.			
V7X	VALLEY	1			33 @ 48" O.C.			
V1IX	VALLEY	1			33 @ 48" O.C.			
V12X	VALLEY	1			33 @ 48" O.C.			
P4H1X	MONO HIP	1	284		336	54		54
MH1X	MONO HIP	1	183		221	54		54
MH2X	MONO HIP	1	316		335	54		54
MH3X	MONO HIP	1	183		221	54		54
G1RDR	GIRDER	1	5339		437	54		54
G1RDR2X	GIRDER	1	504		446	54		54
G1RDR2X	GIRDER	1	138		176	54		54
PJGRDX	GIRDER	1	193	128	69	54	N	N
P1X	JACK	14	75		67	54	N	N
P2X	JACK	4	46		46	54	N	N
P3X	JACK	4	12	54	9	54	N	N

T RUSS HARDWARE SCHEDULE



SHEET:

BAYBURY
ELEVATION "L"

DRAWN BY: B.SARVER

RELEASE DATE: 03-13-2009

THIS STRUT WAS DESIGNED
IN ACCORDANCE WITH THE
REQUIREMENTS OF SECTION
903 OF THE FLORIDA BUILDING
CODE 2010. RESIDENTIAL ALL
CONNECTORS HAVE BEEN CHECKED
TO WITHSTAND ALL APPLICABLE
LOADS. EXPOSURE IS ENCLOSED
BUILDING AND RISK CATEGORY II.

DESIGNED AND WIND SPEED

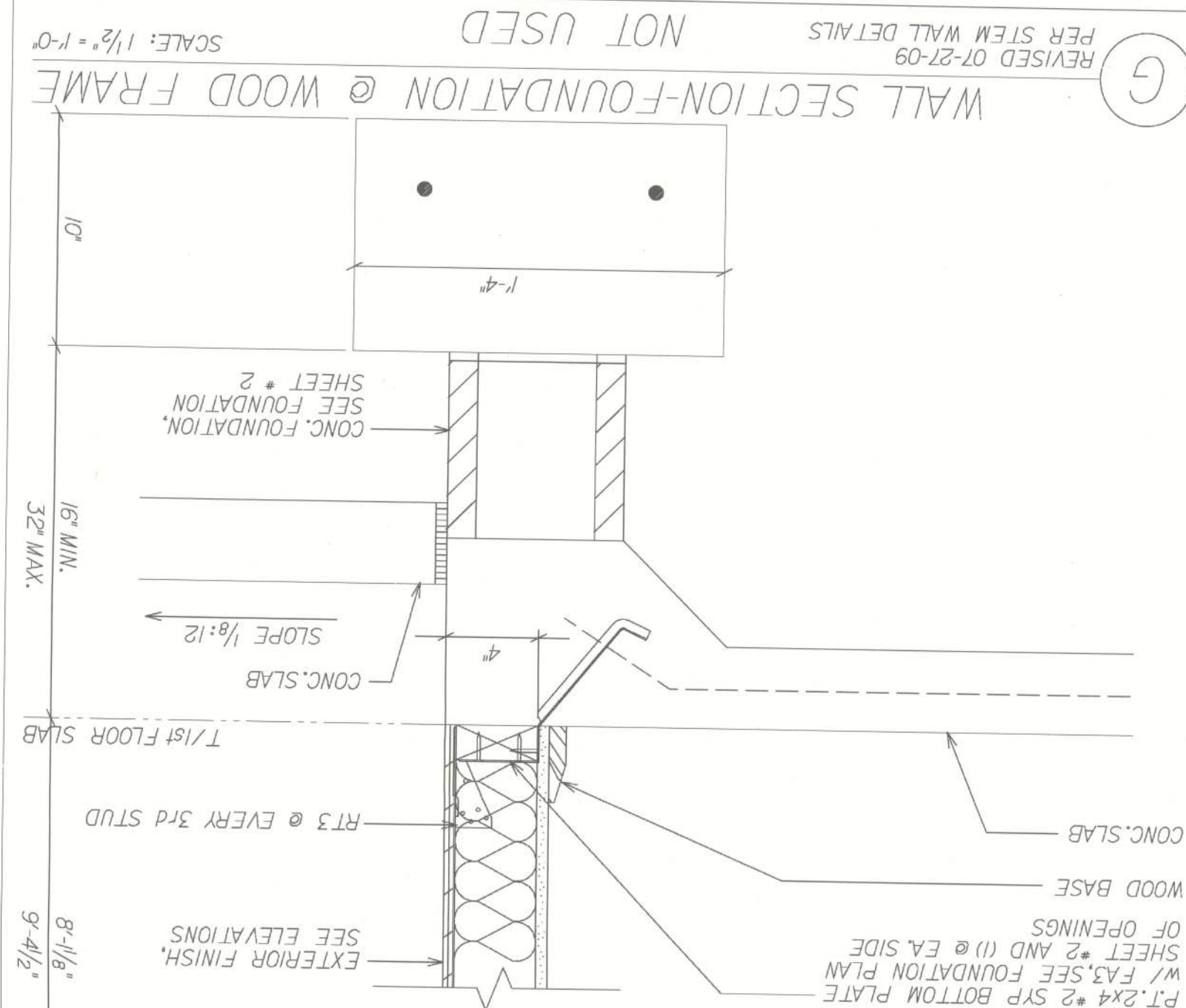
160 MPH
124 MPH

WELLS

Maronda Homes

REVISIONS :

03-15-12 REV. CODE INFORMATION



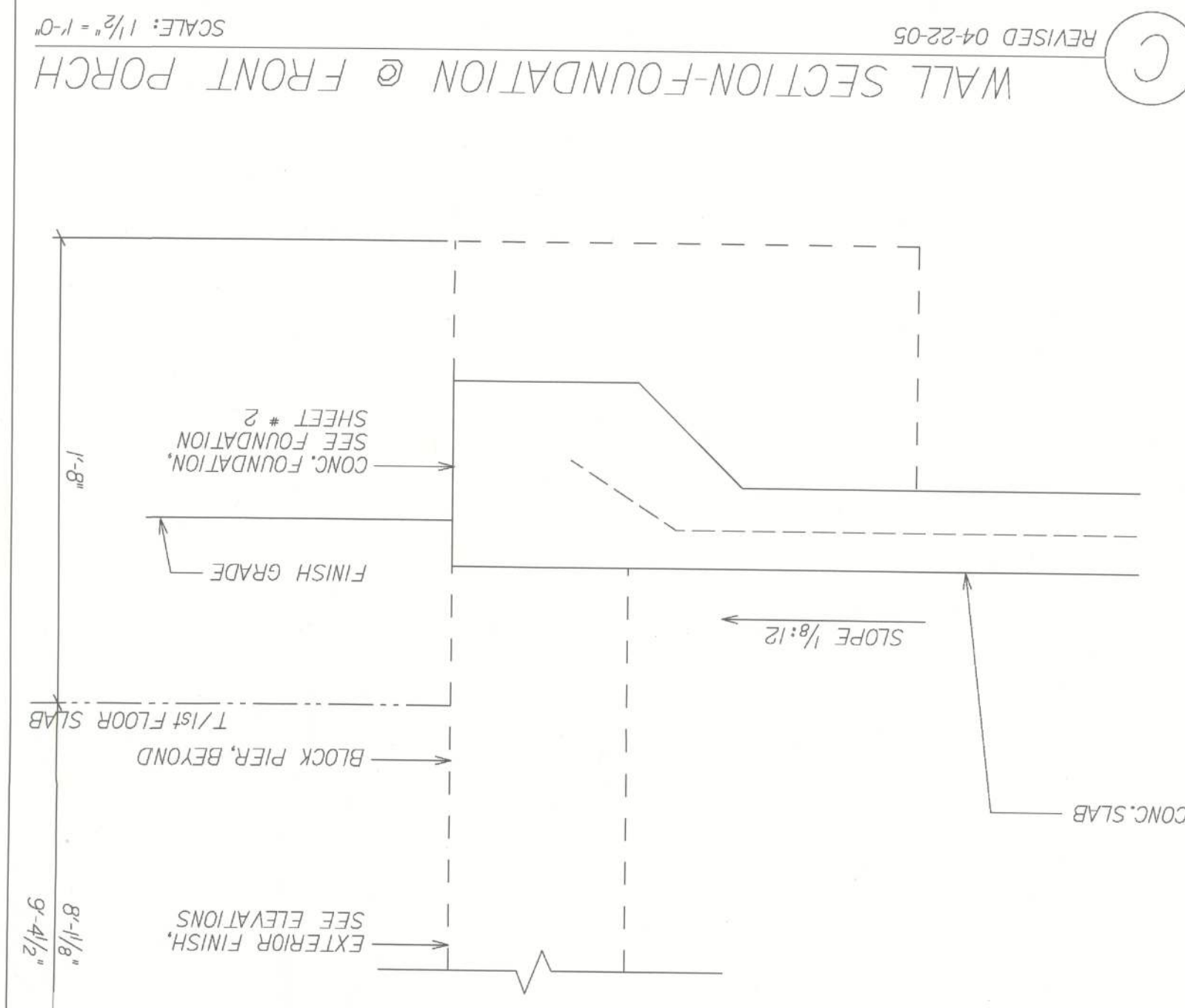
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REVISID 03-30-10 R-30 INSULATION

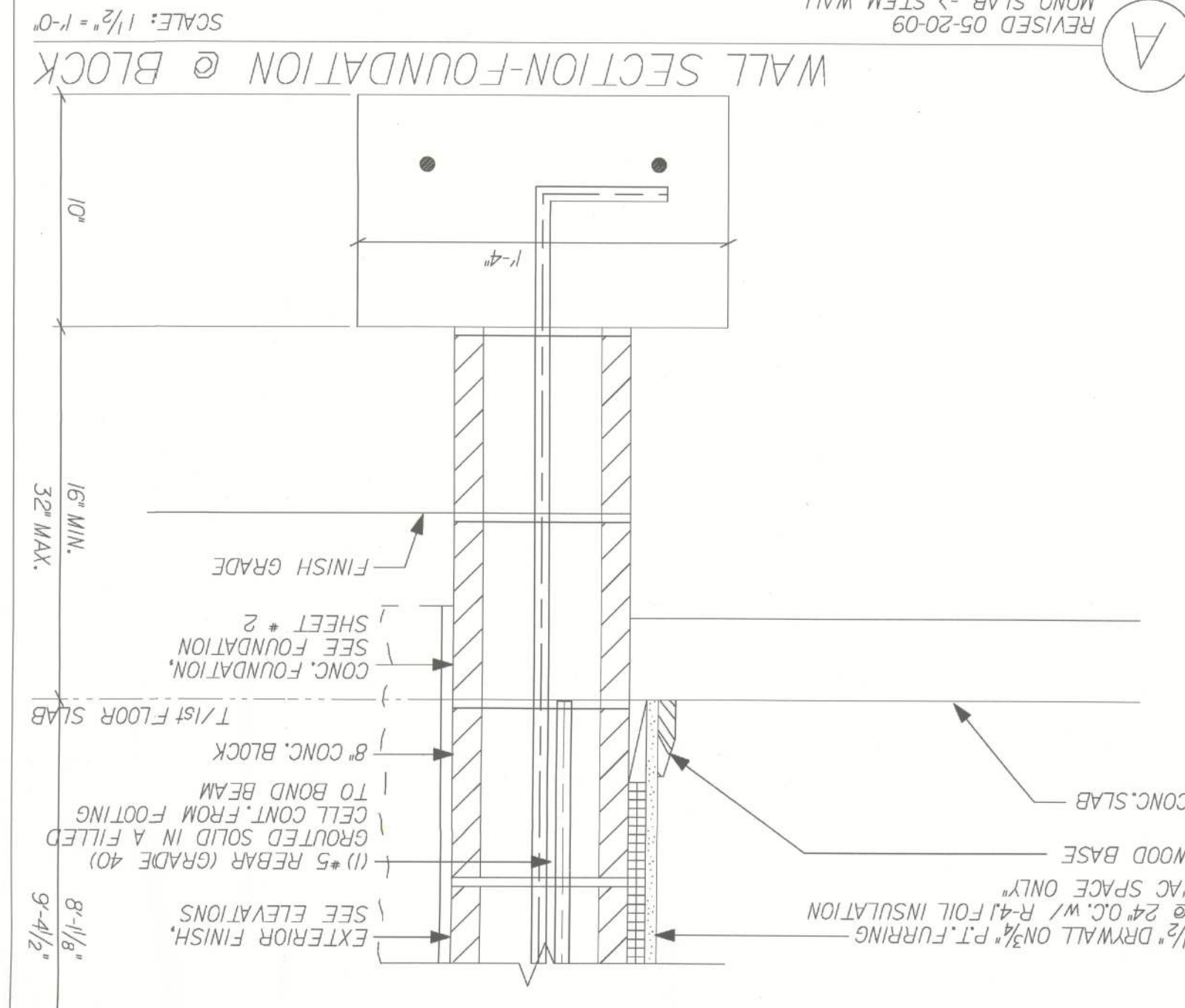
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NOT USED

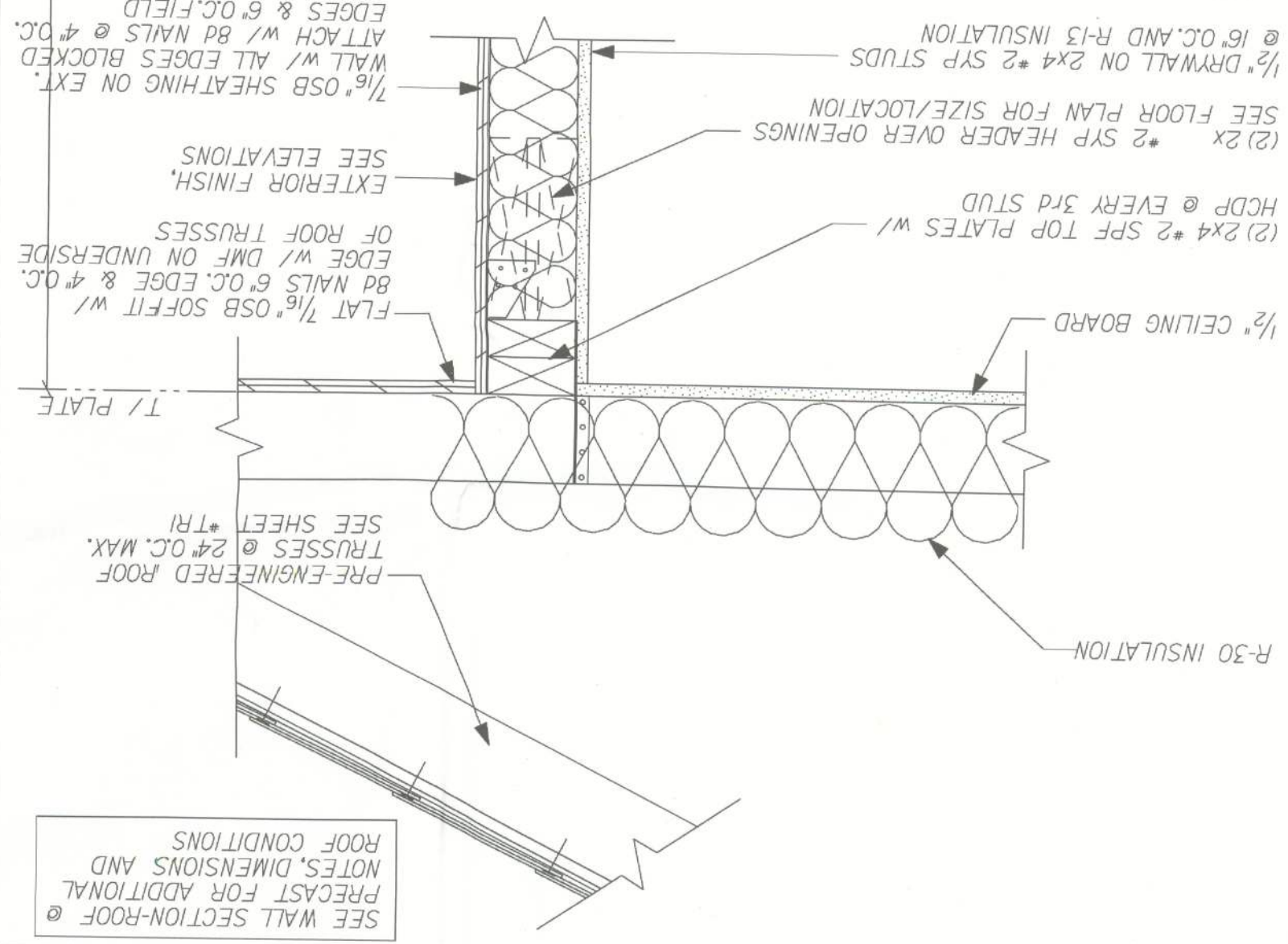
(H)



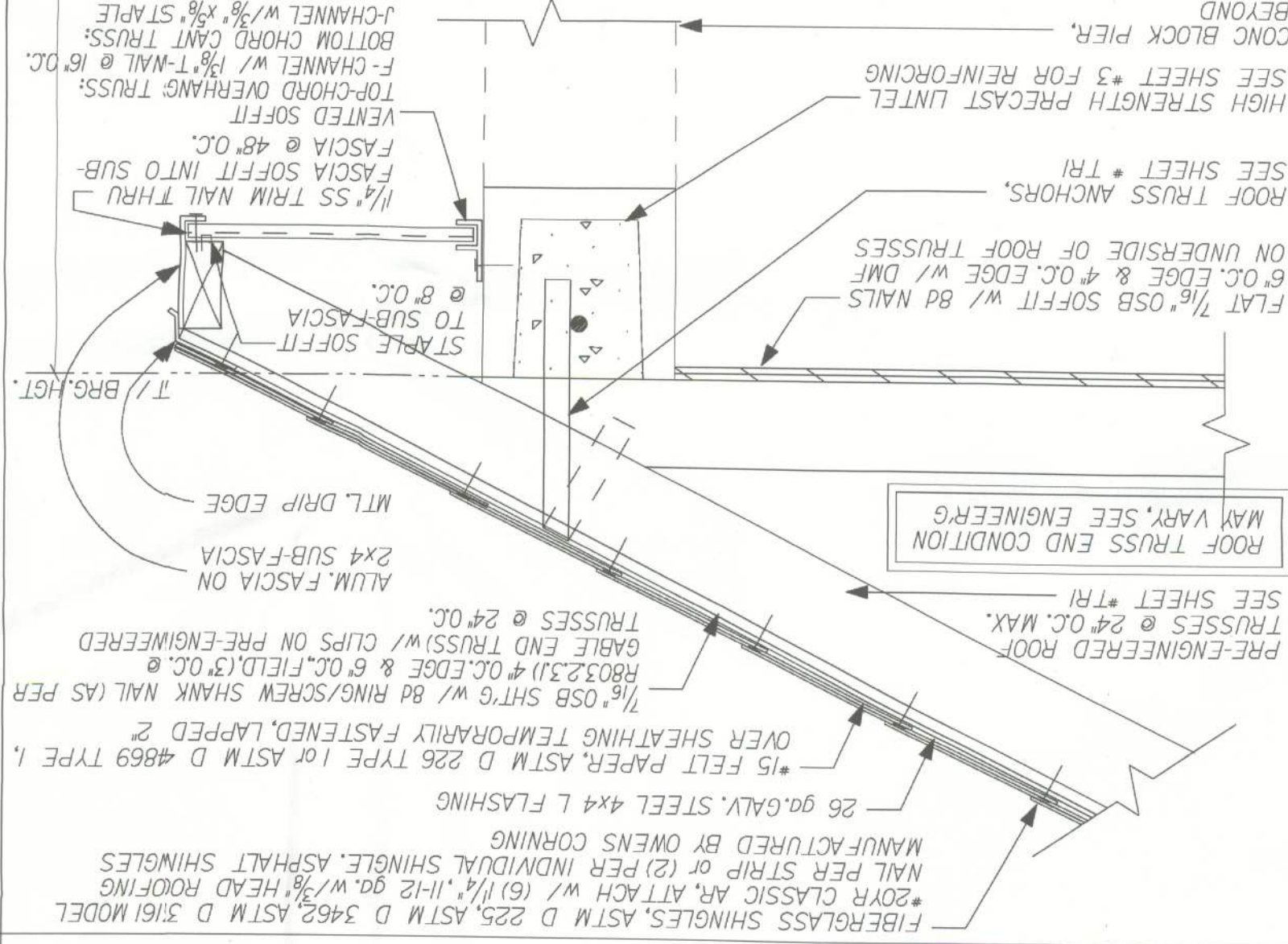
WALL SECTION-ROOF @ PRECAST/FRONT PORCH
REVISED 09-04-09 : SOFFIT ATTACHMENT
SCALE: 1 1/2" = 1'-0"
@ 12 OC.



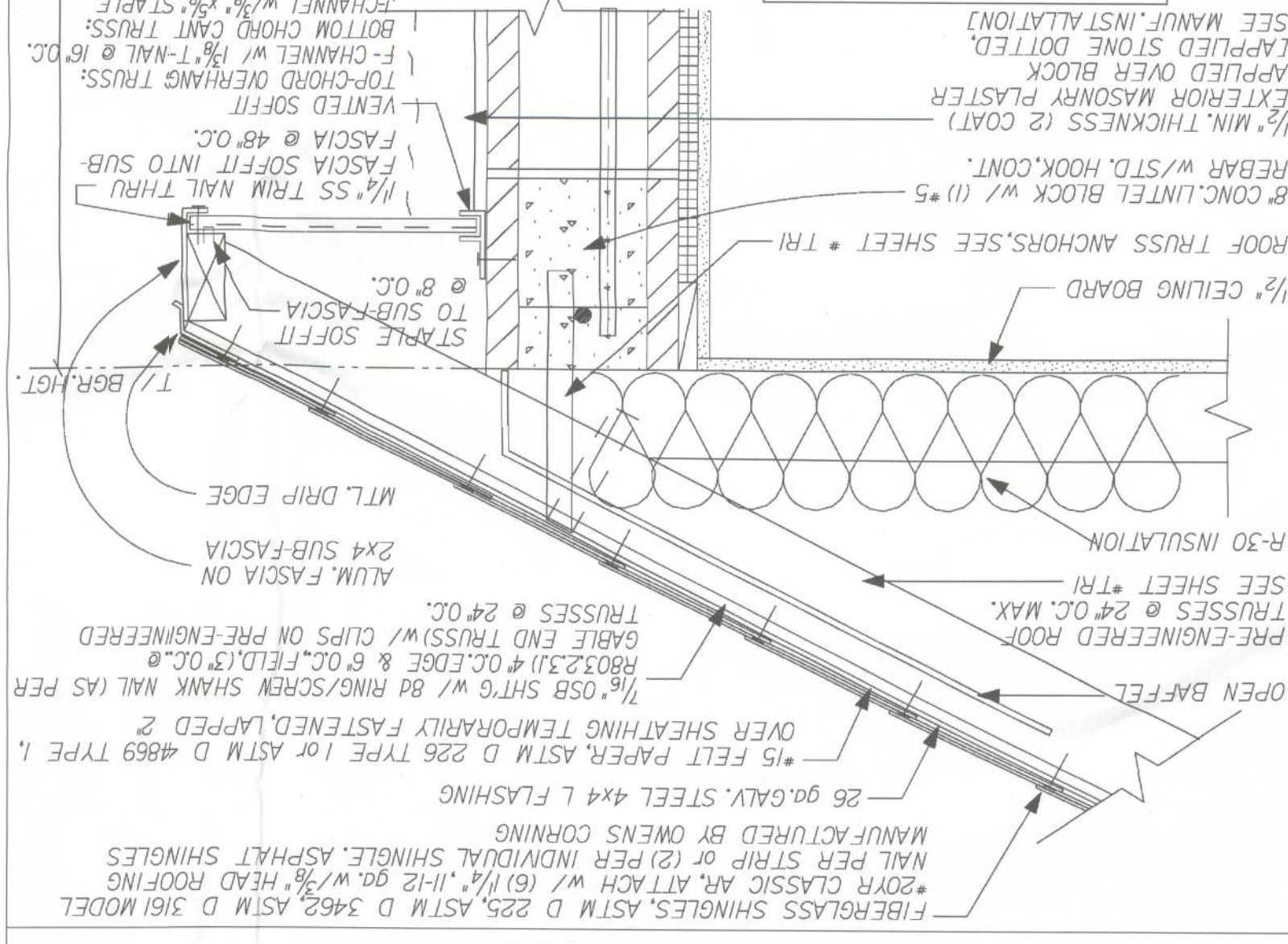
WALL SECTION-ROOF @ BLOCK



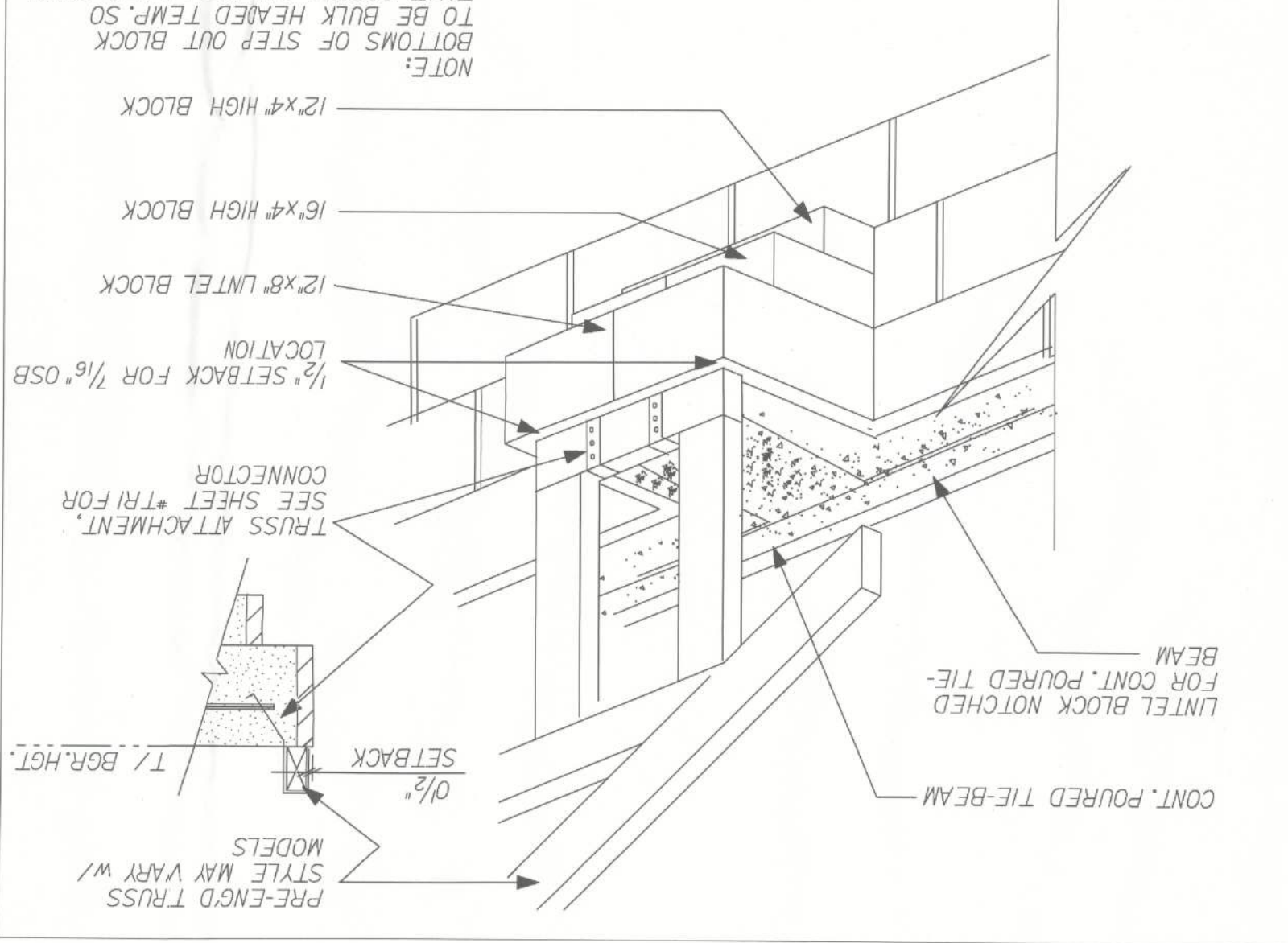
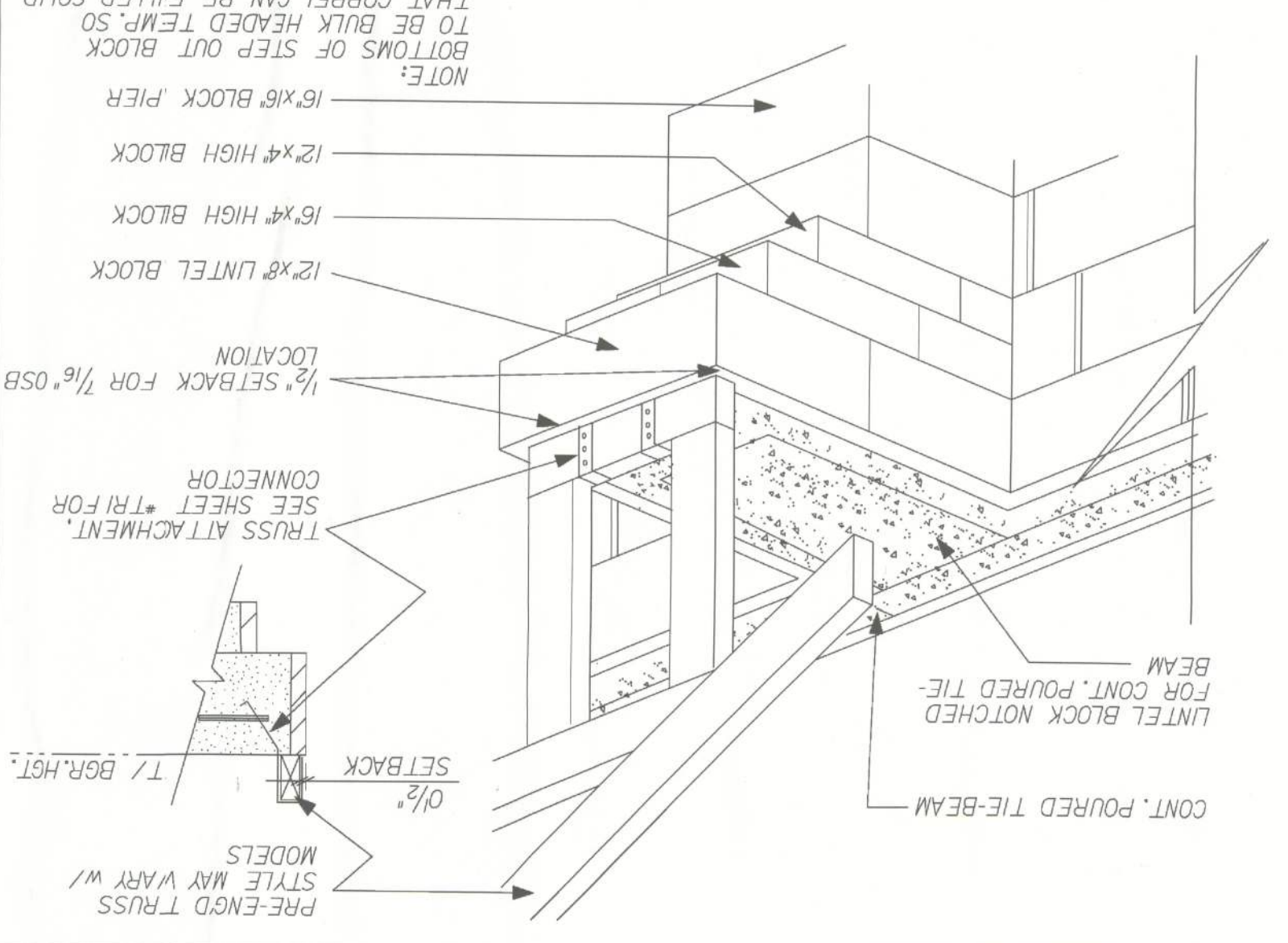
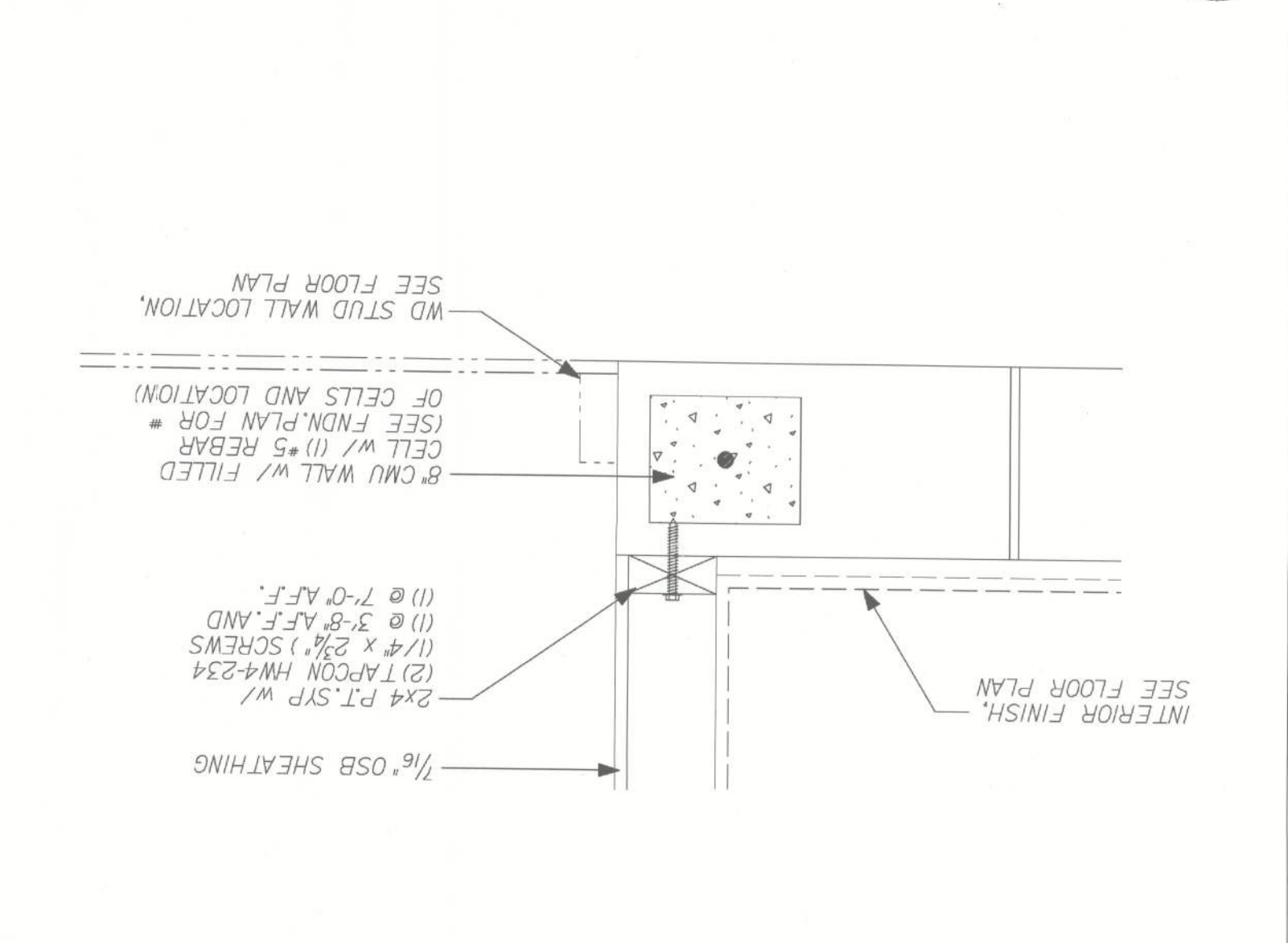
9
EXTERIOR WOOD FRAME TO BLOCK
NOT USED
SCALE: 1 1/2" = 1'-0"



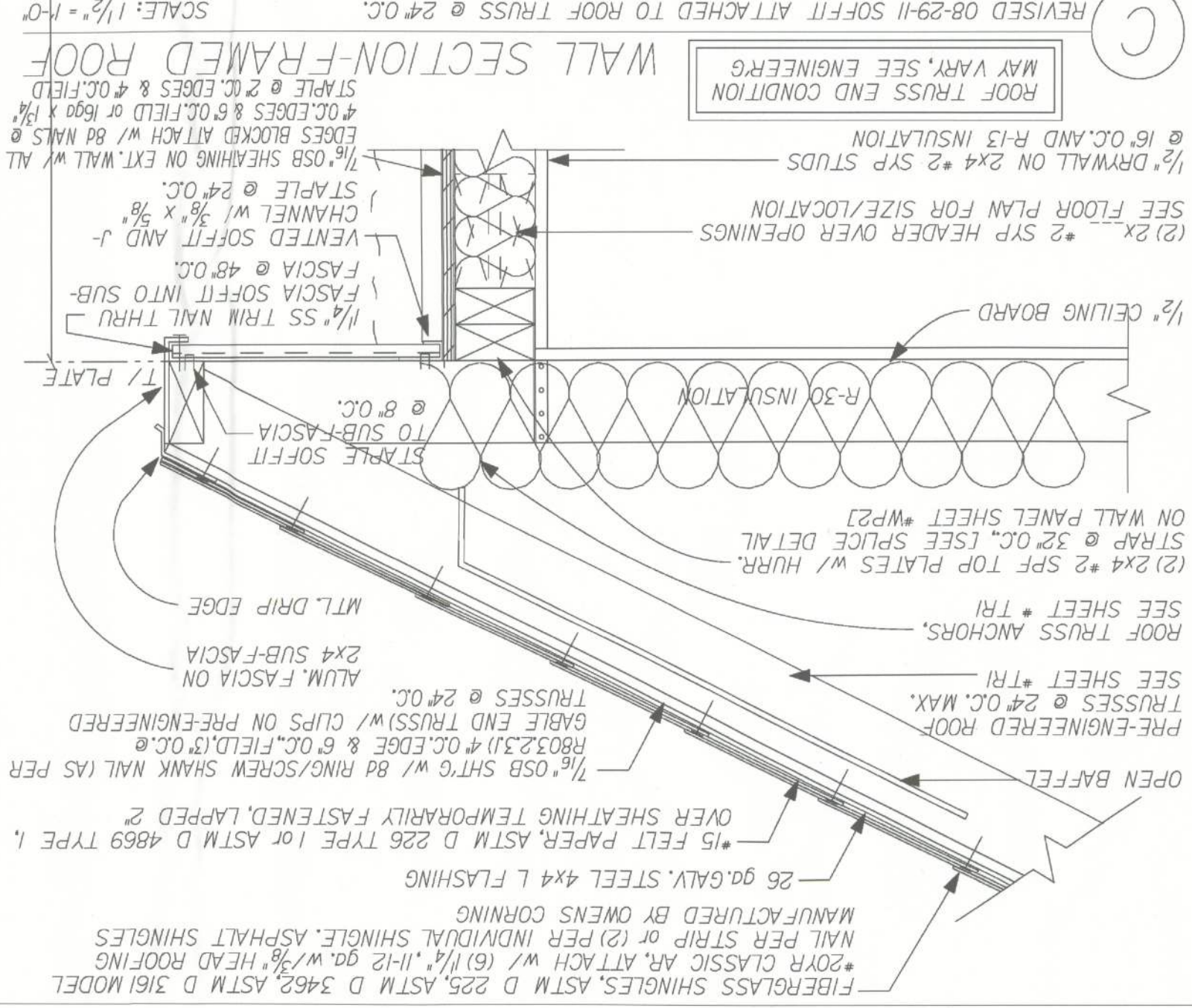
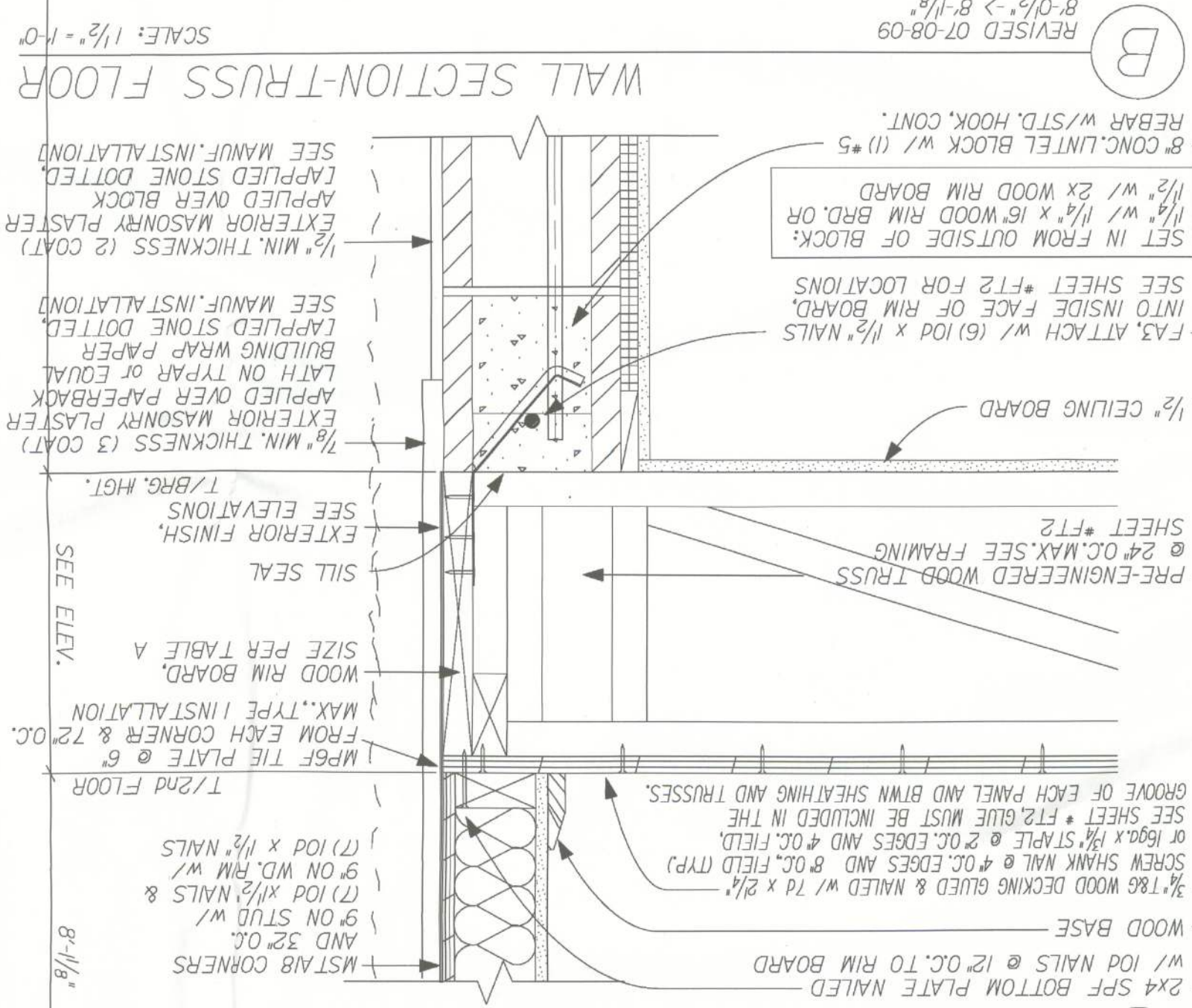
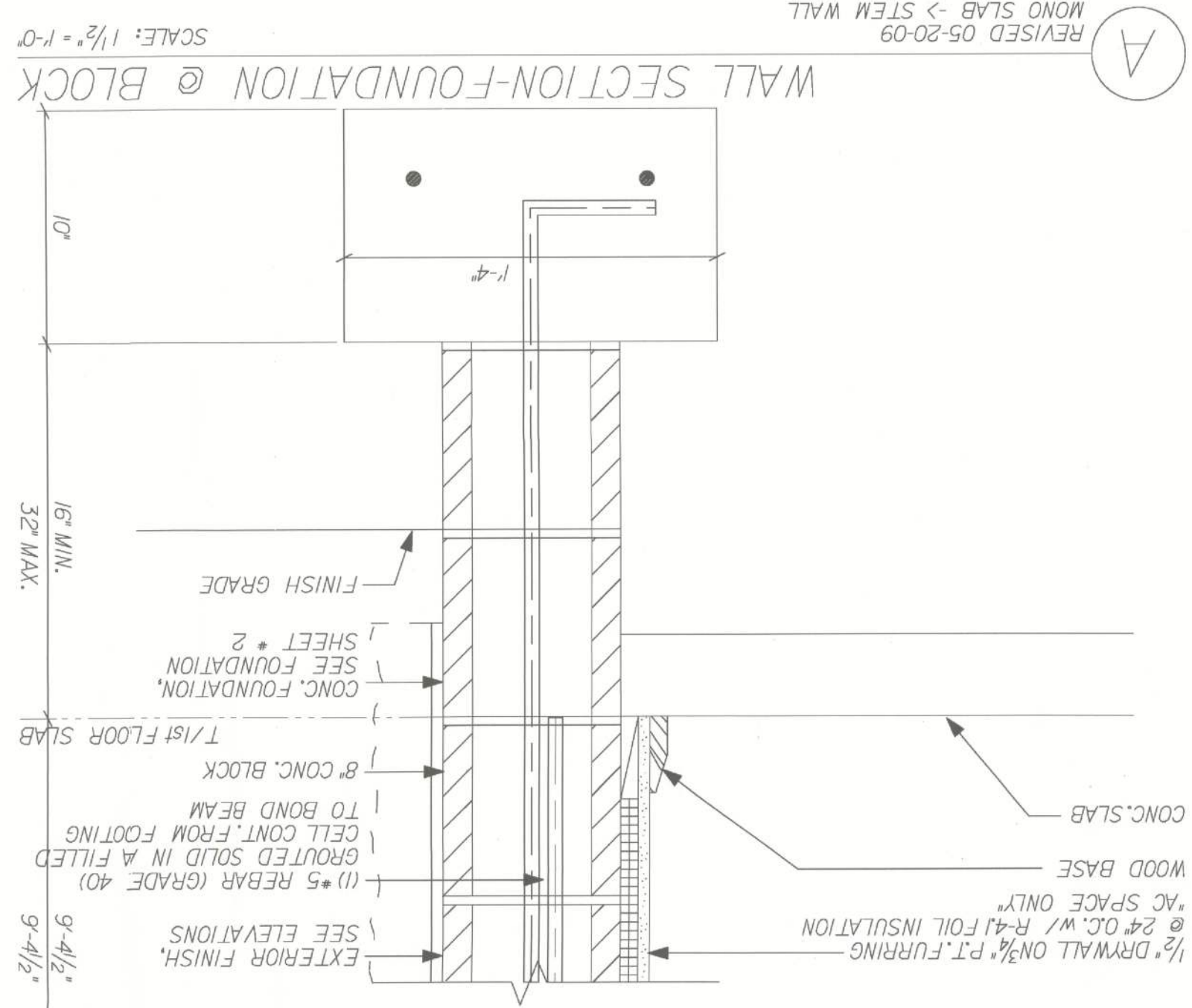
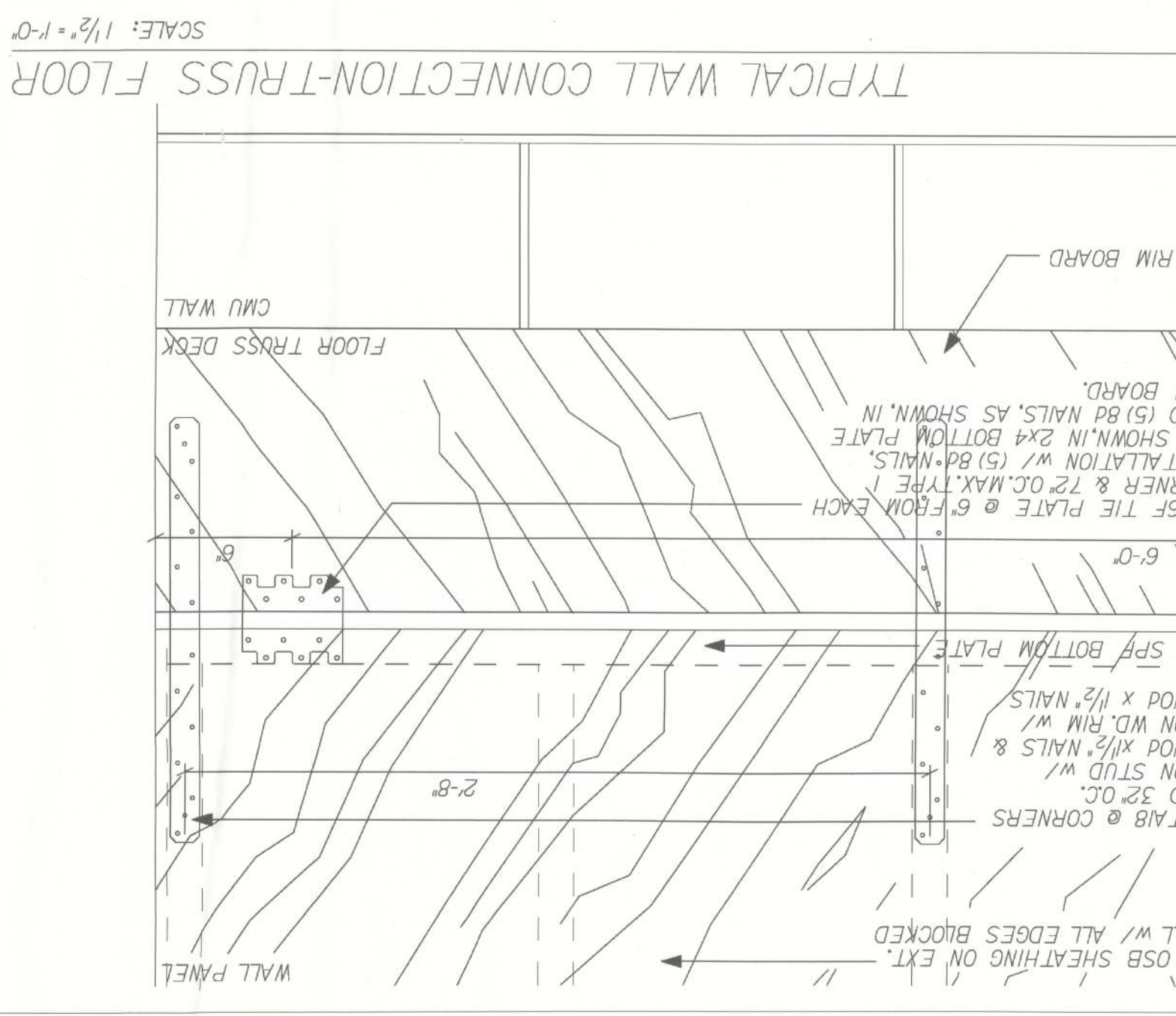
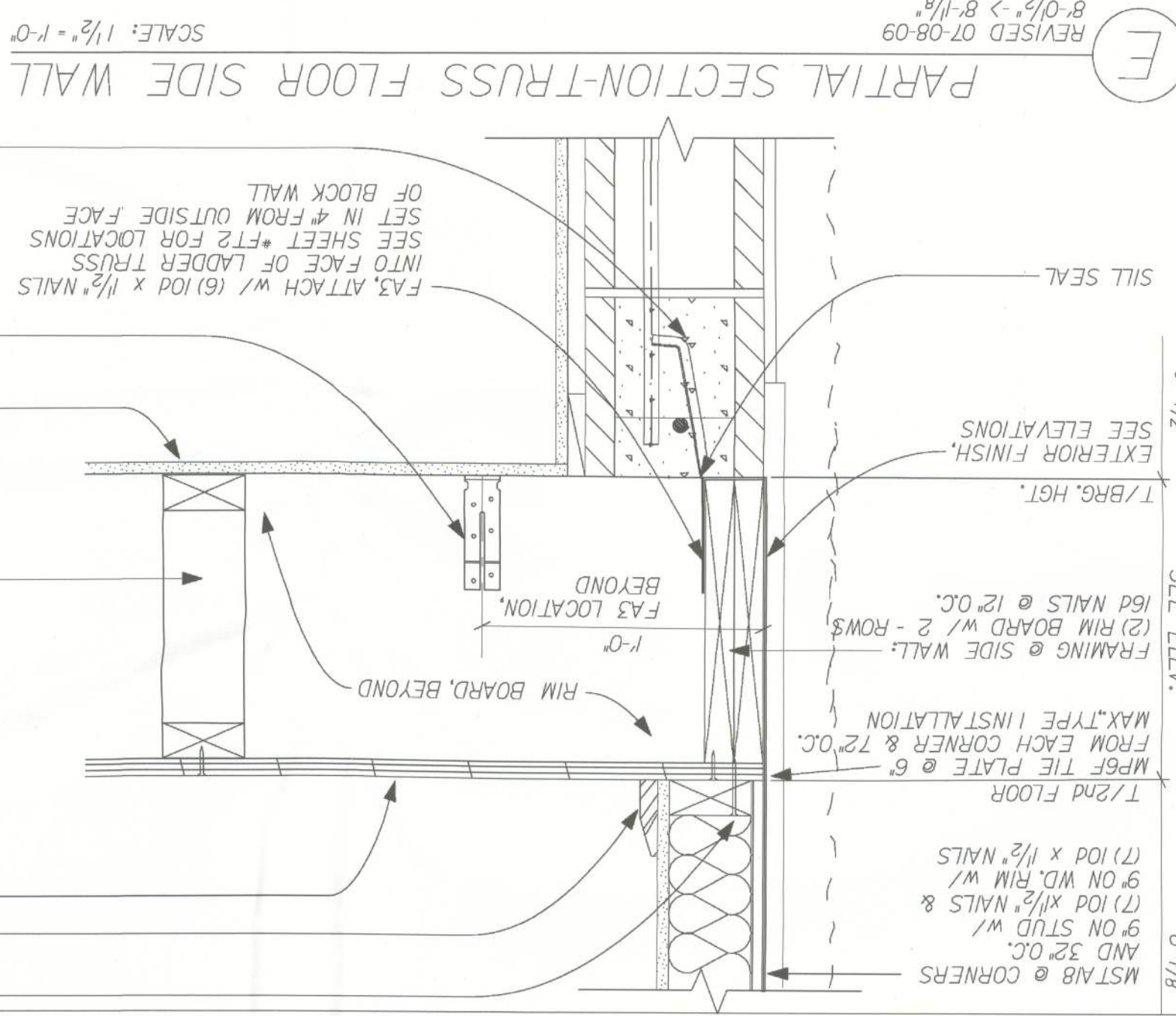
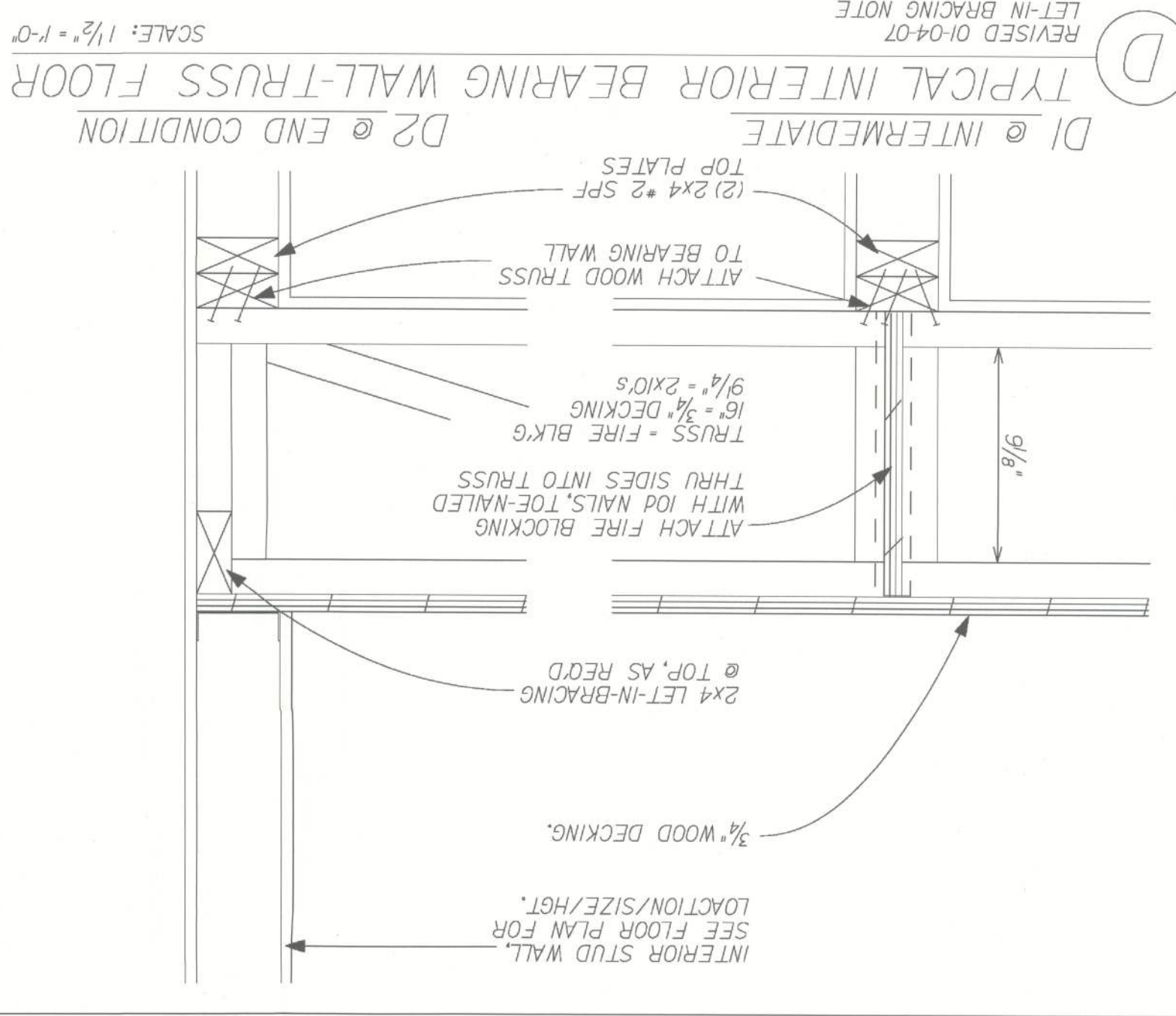
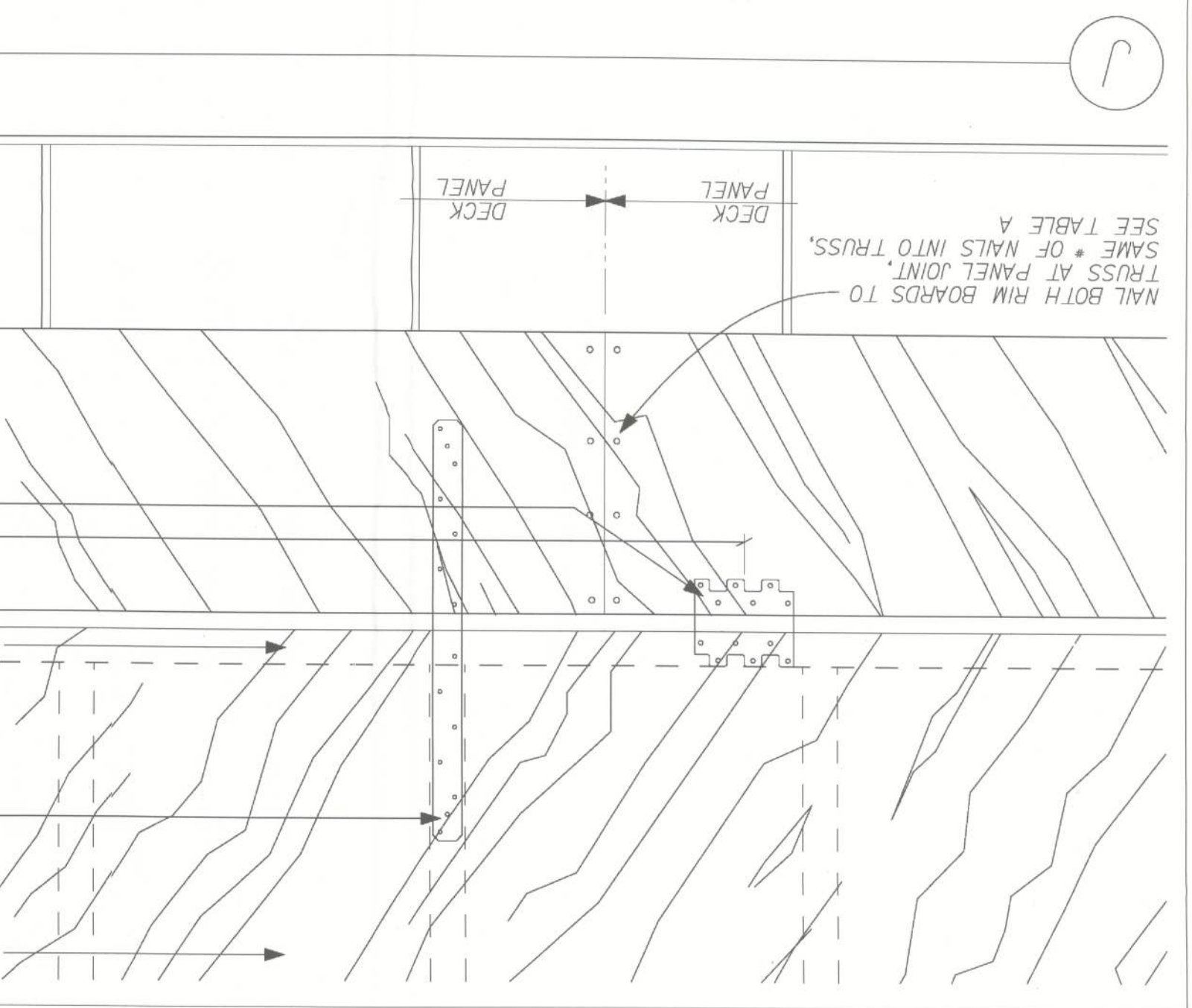
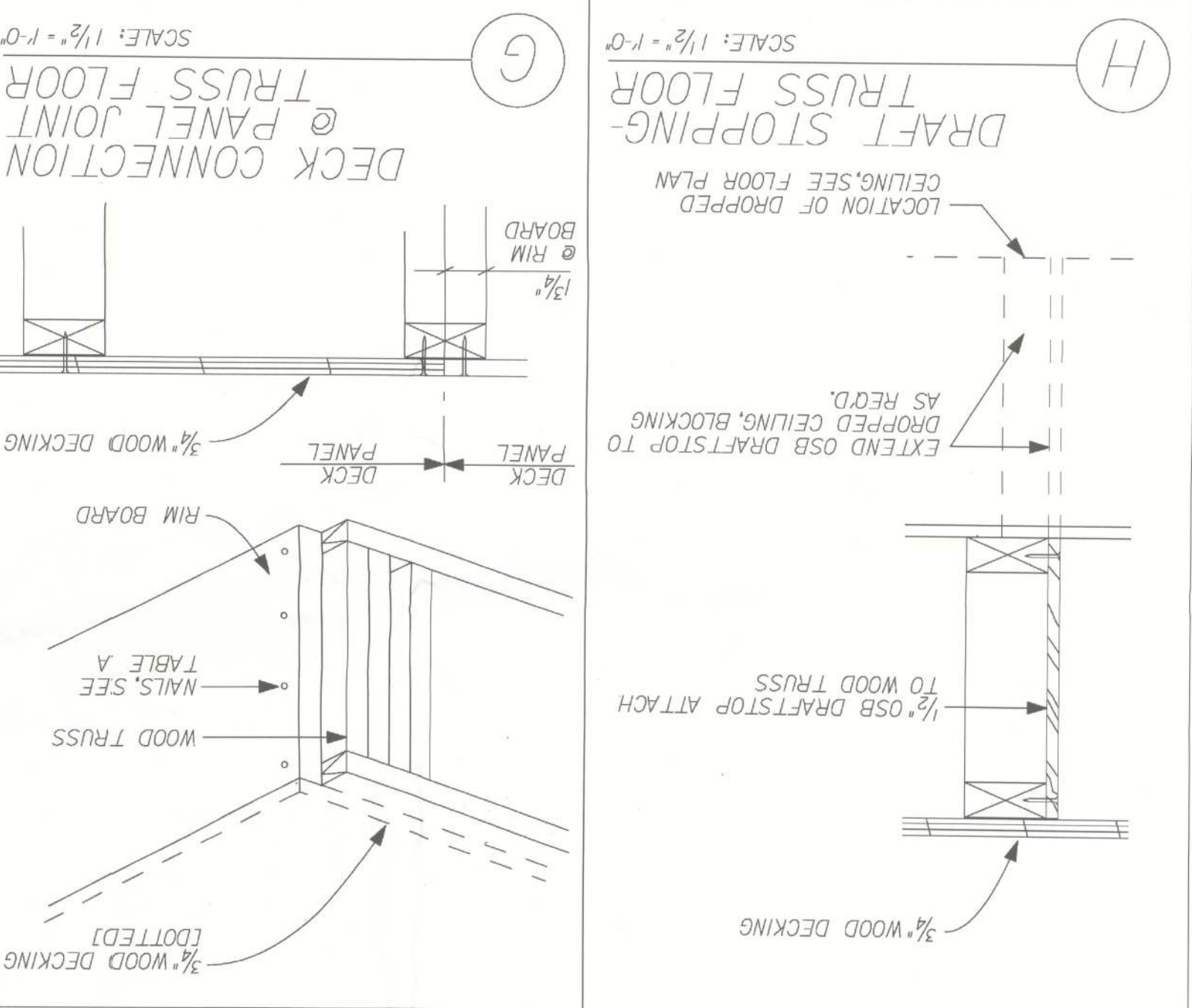
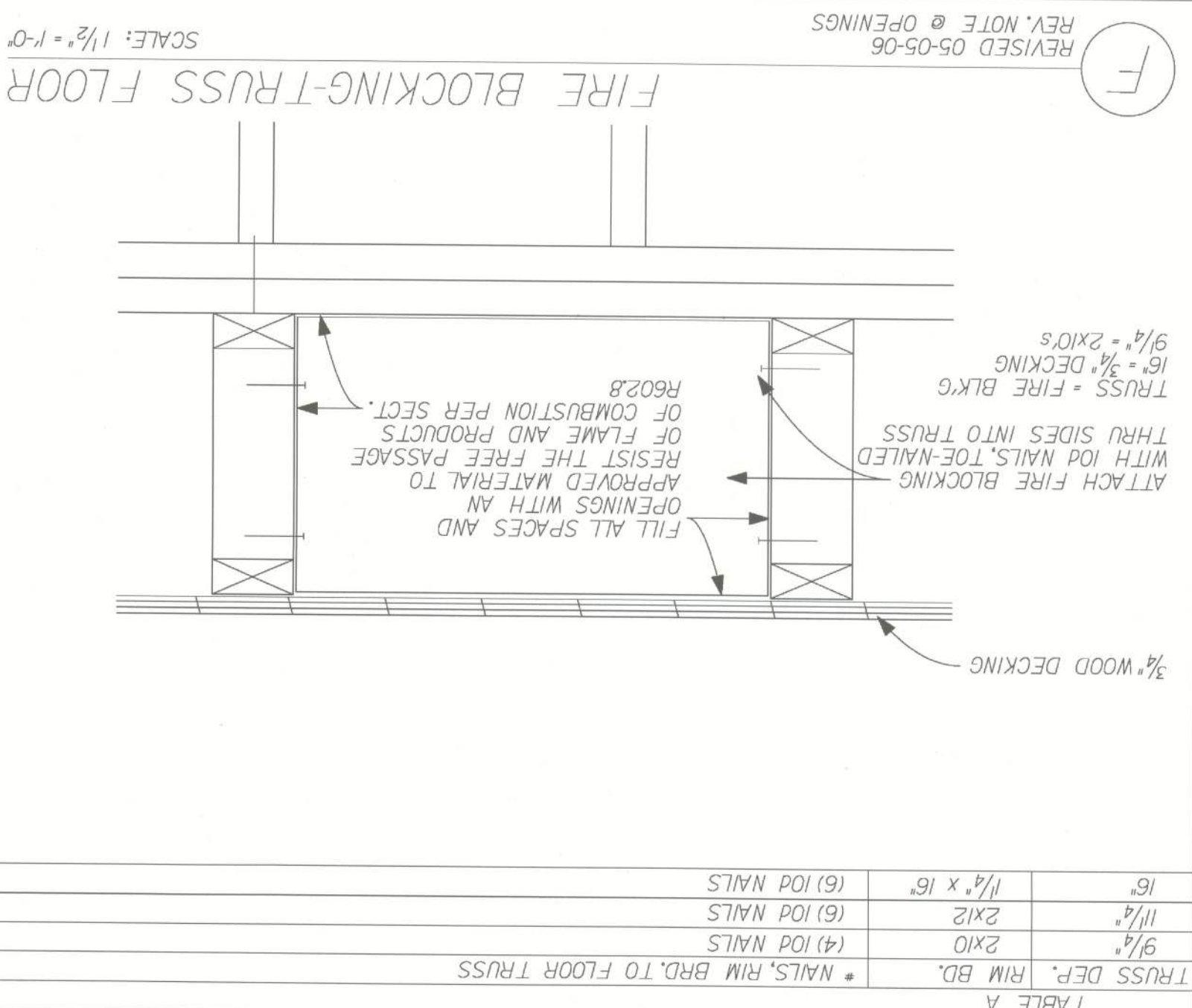
16" SQ. BLOCK PIER W/ BLOCK CORBEL ISO



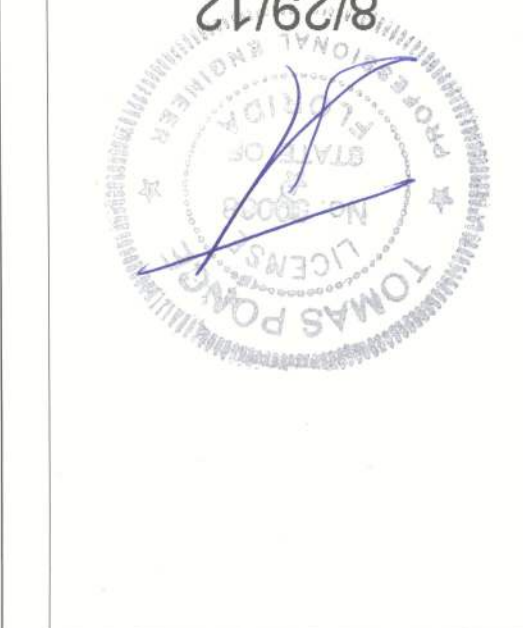

 BLOCK CORBEL ISO
 THAT CORBEL CAN BE FILLED SOLID
 NOT USED
 SCALE: N.T.S.



REVIEWS :		03-15-12		REV. CODE	INFORMATION
MARONDA HOMES		4005 MARONDA WAY SANFORD, FL 32771 (407) 321-0064			
DESIGNED WIND SPEED		Vant = 160 MPH Vant = 124 MPH			
FLORIDA		THIS STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIREMENTS OF SECTION 803.0 OF THE FLORIDA BUILDING CODE 2010 ; RESIDENTIAL ALL CONNECTORS HAVE BEEN CHECKED TO WITHSTAND ALL APPLICABLE LOADS, EXPOSURE B, ENCLOSED BUILDING AND RISK CATEGORY II.			
ONE STORY		WALL SECTIONS			
DRAWN BY:		GARAGE:			
RELEASE DATE:		10-08-04			
8/29/12		TOMAS PONCE MSCE, PE		FL, PE, LIC.# 50068	
SHEET:		WS-B/		PLOT DATE: 28 MAR 2012	



WS-S1
SHEET:
Tomás Ponce MSCC, PE
FL. PE. LIC. #50068
8/29/12



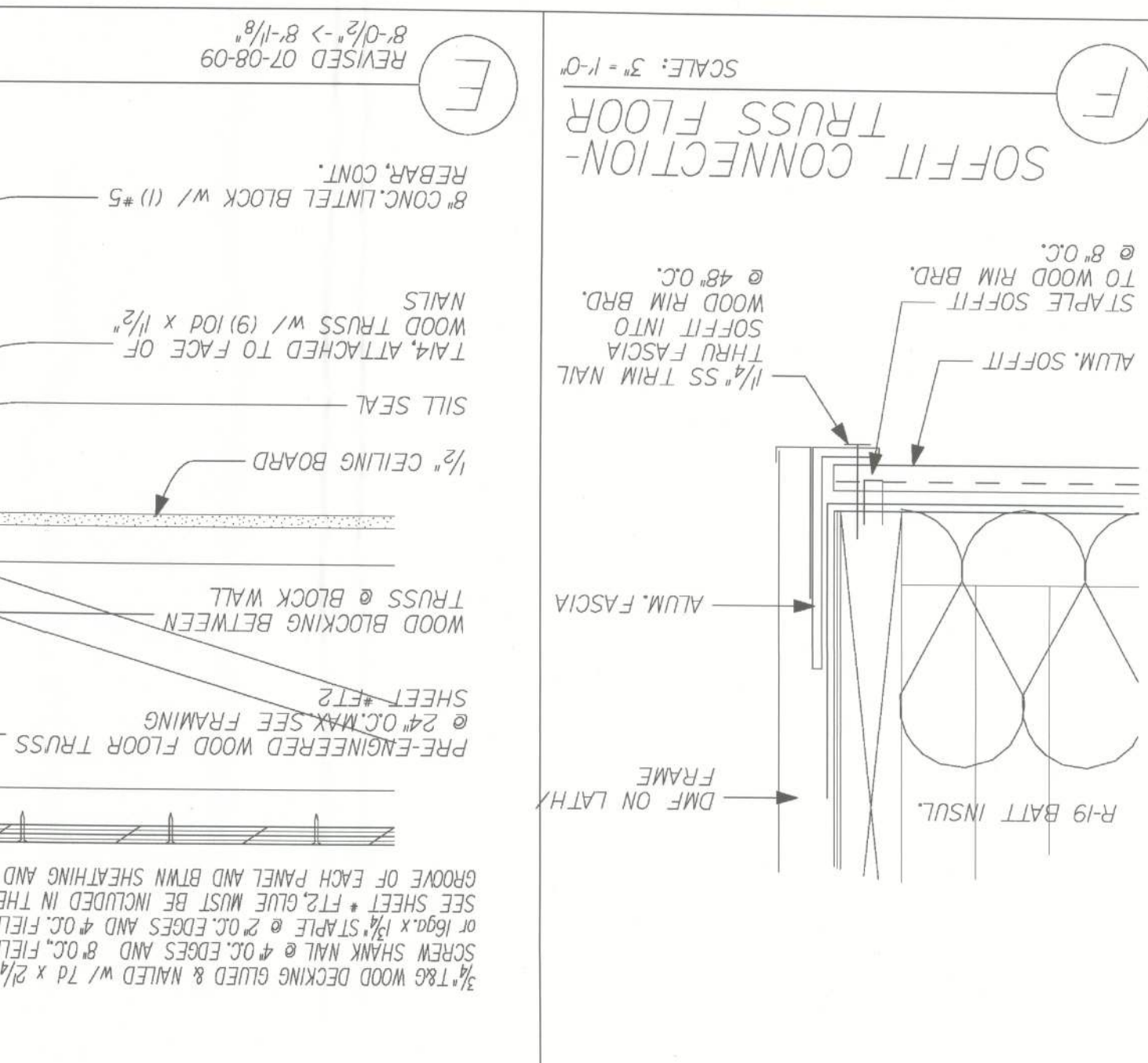
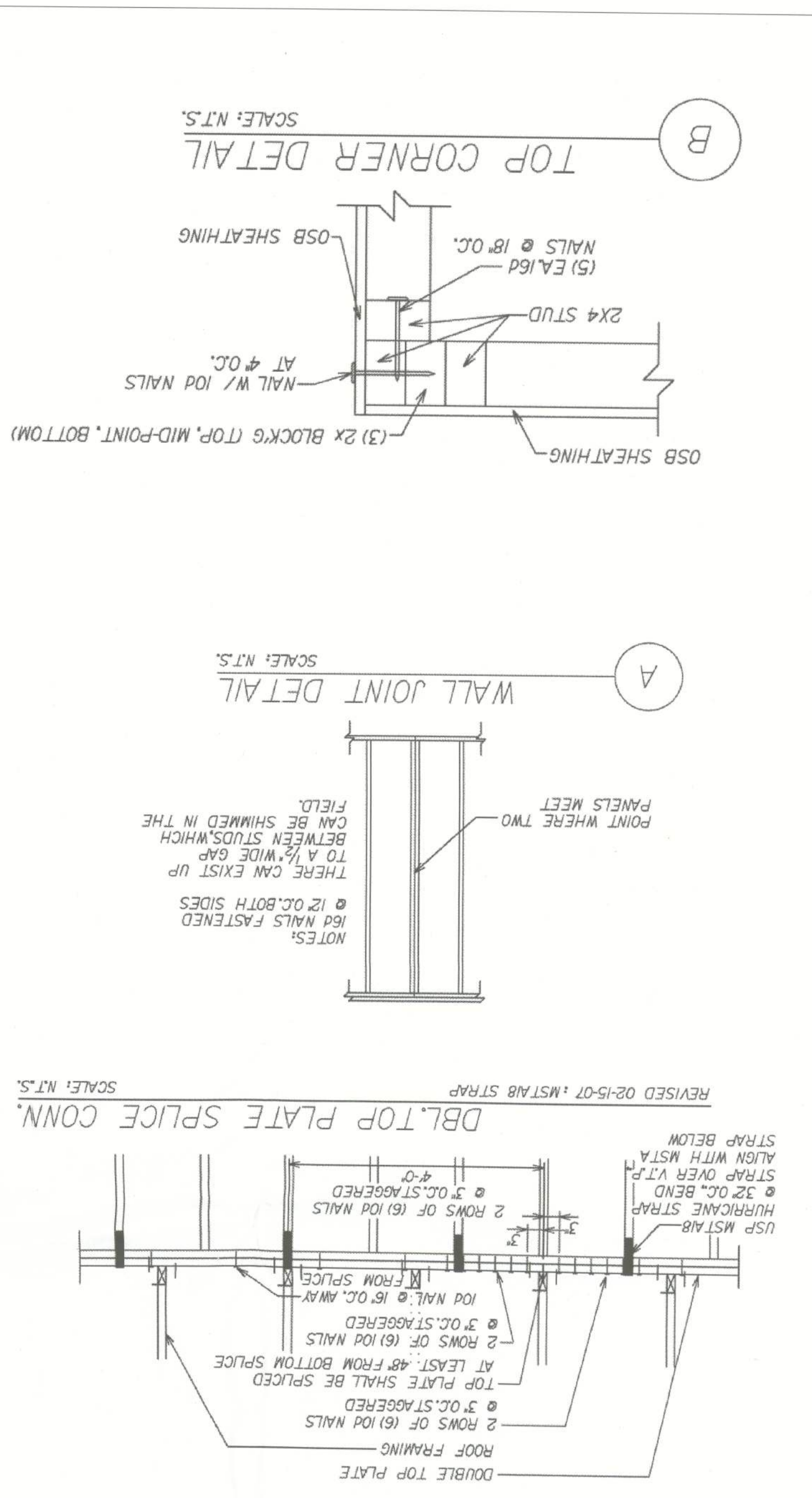
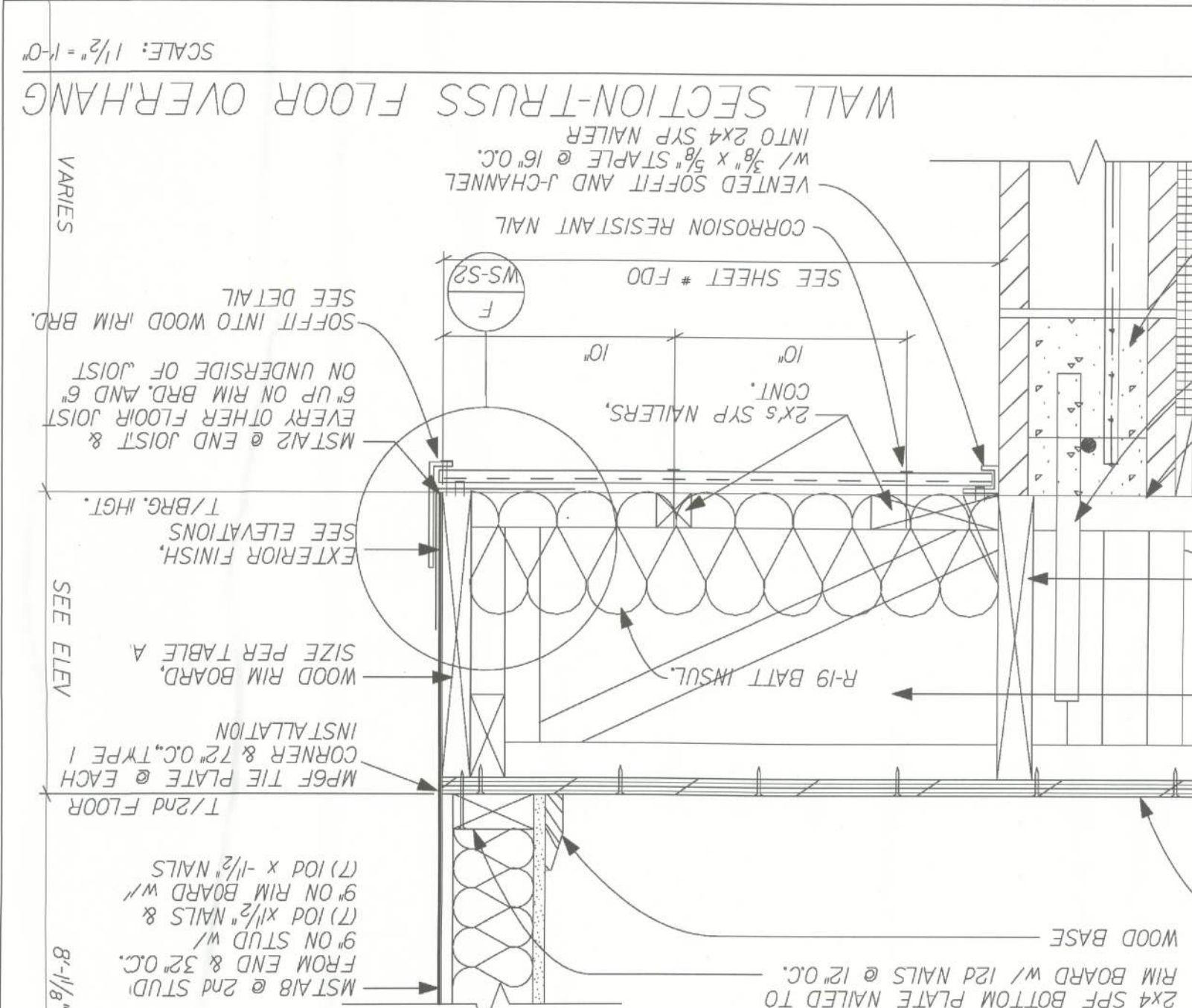
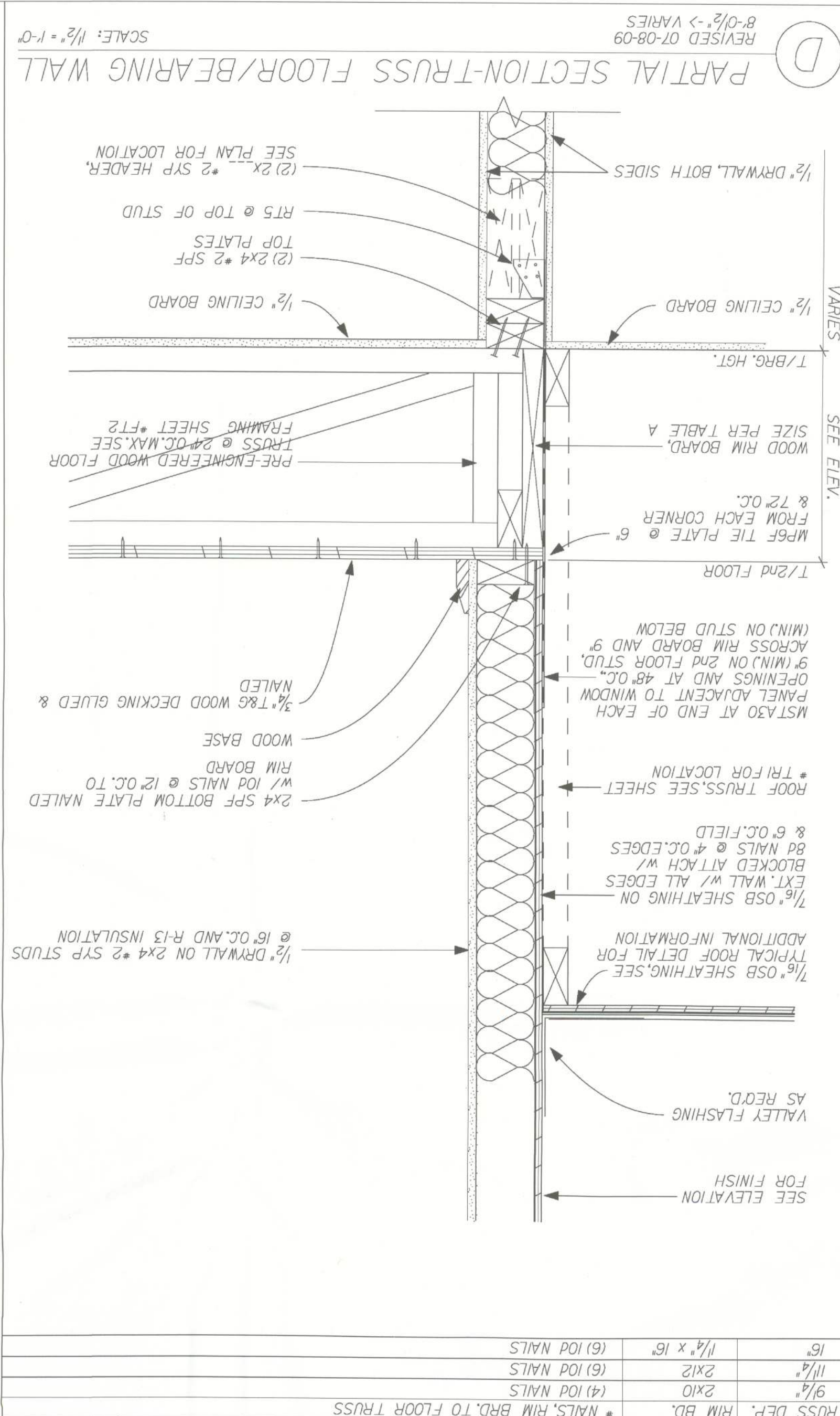
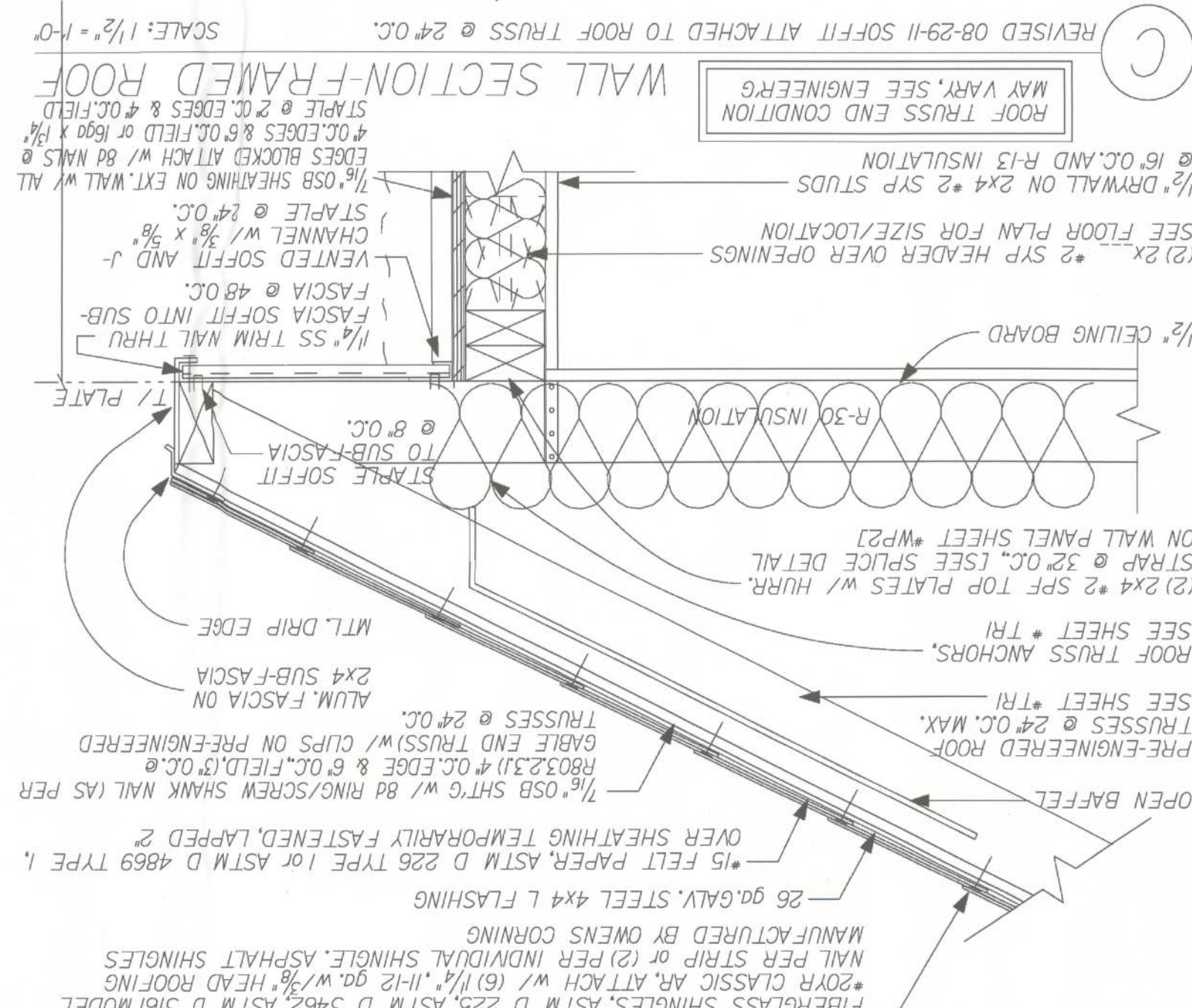
TWO STORY WALL SECTION

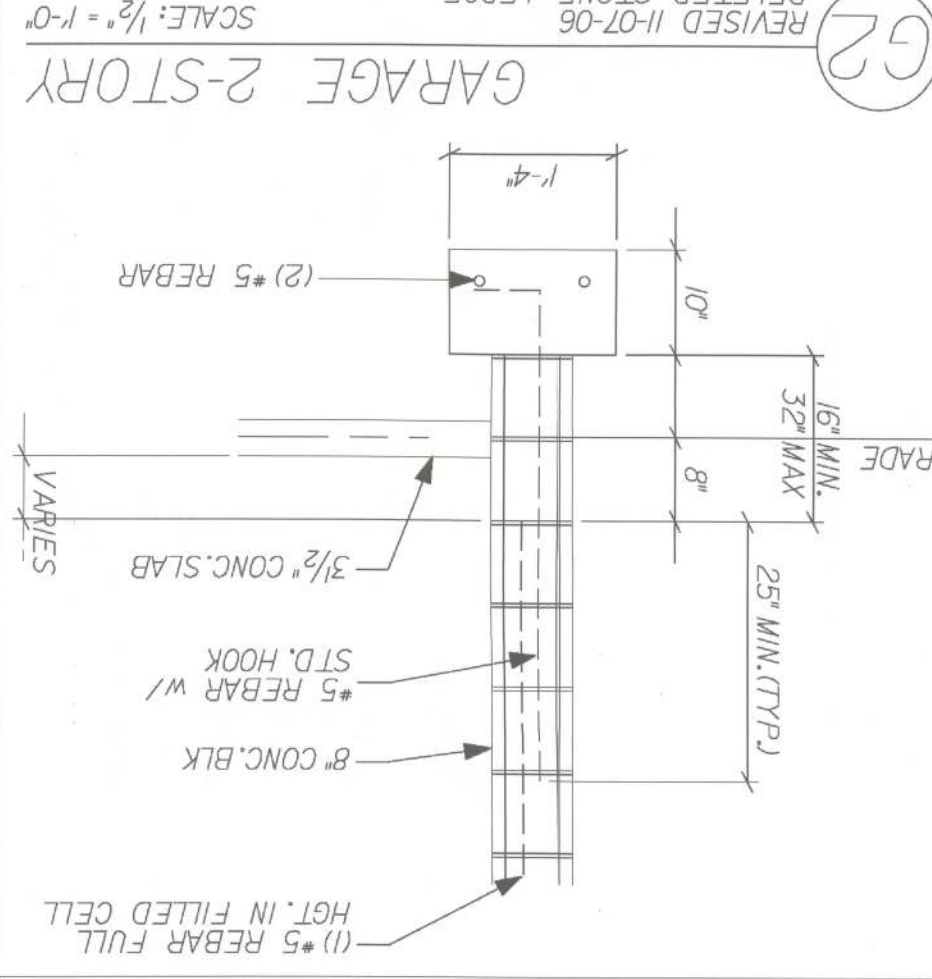
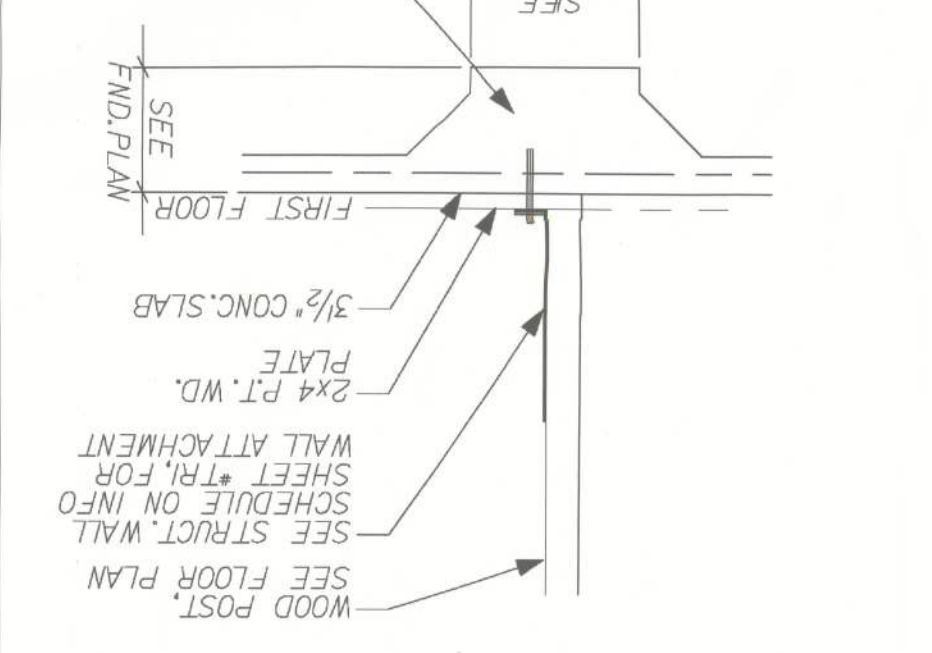
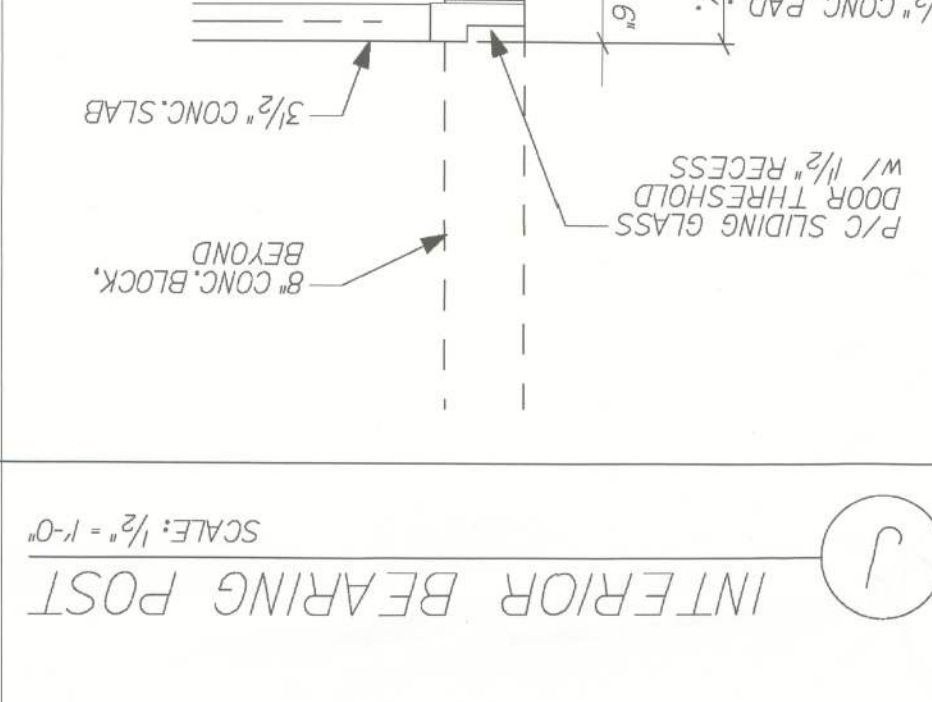
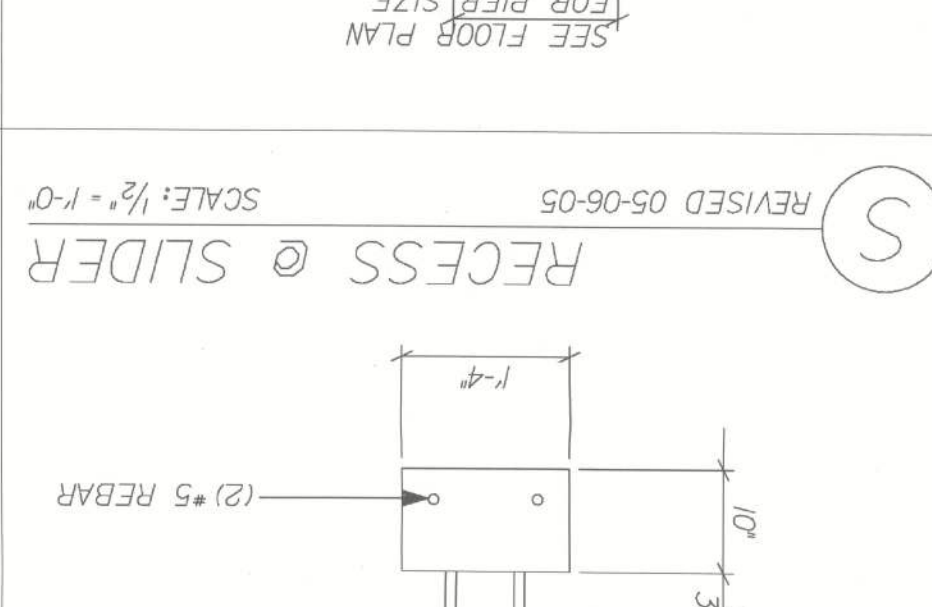
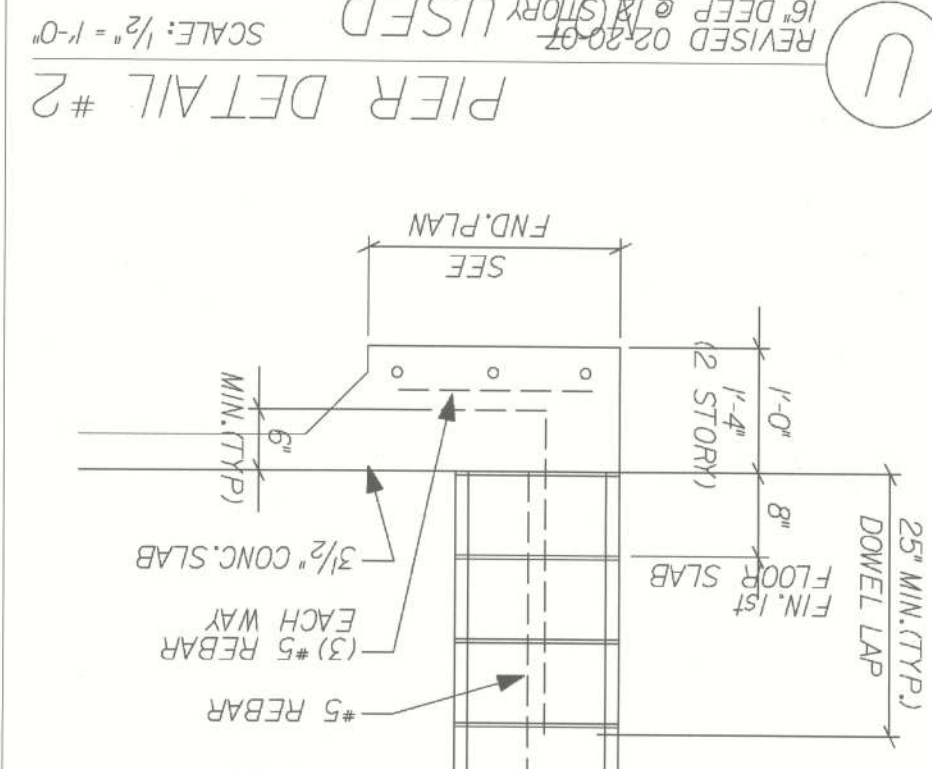
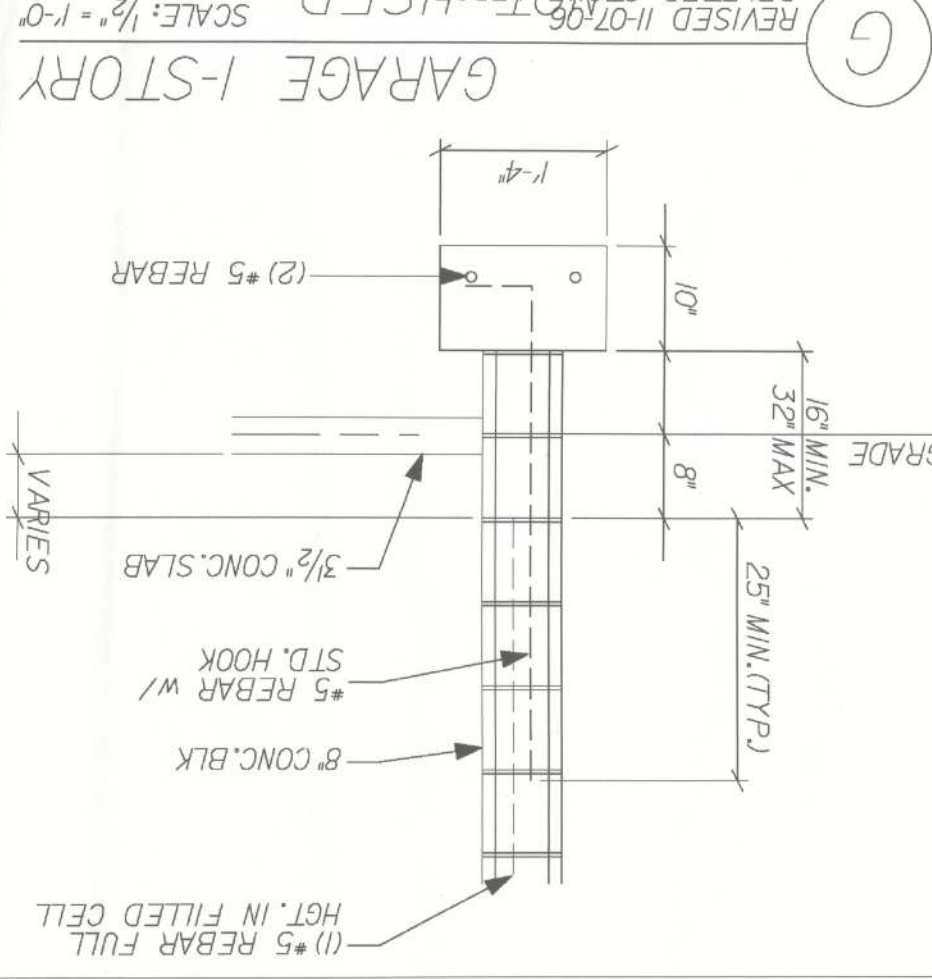
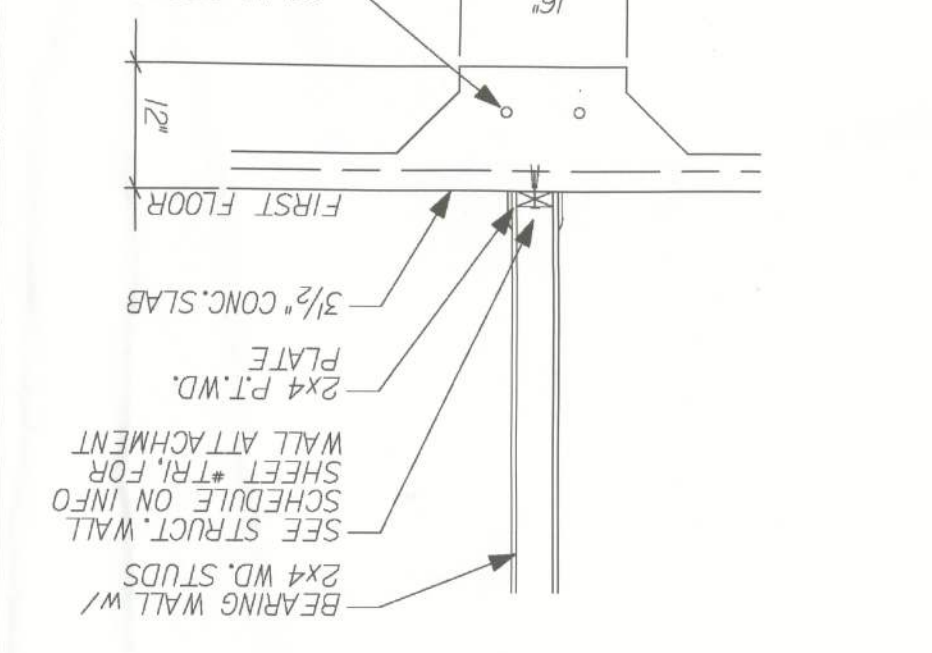
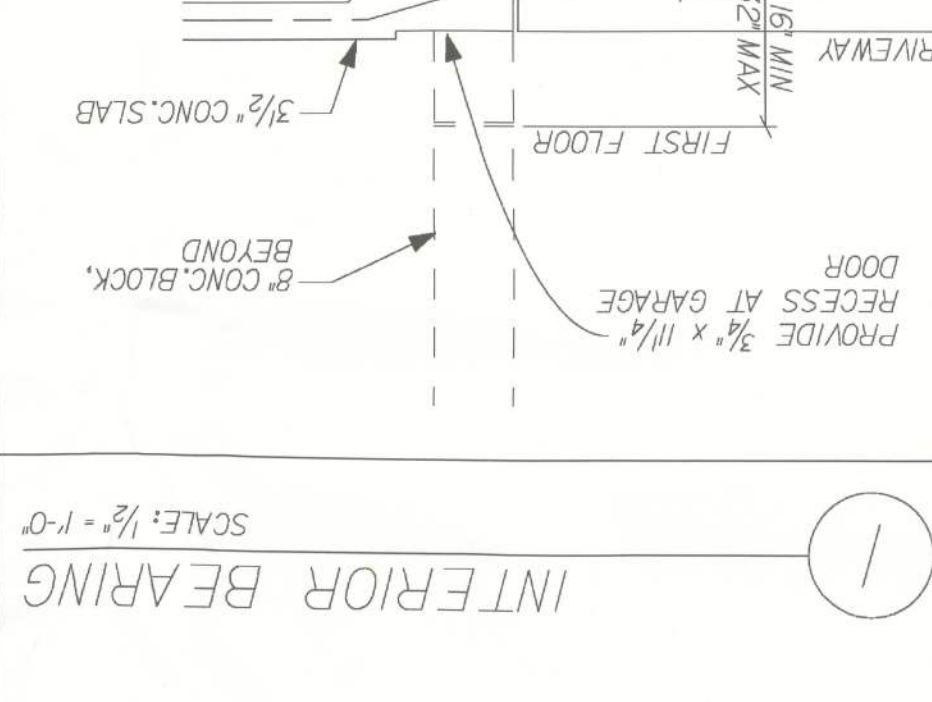
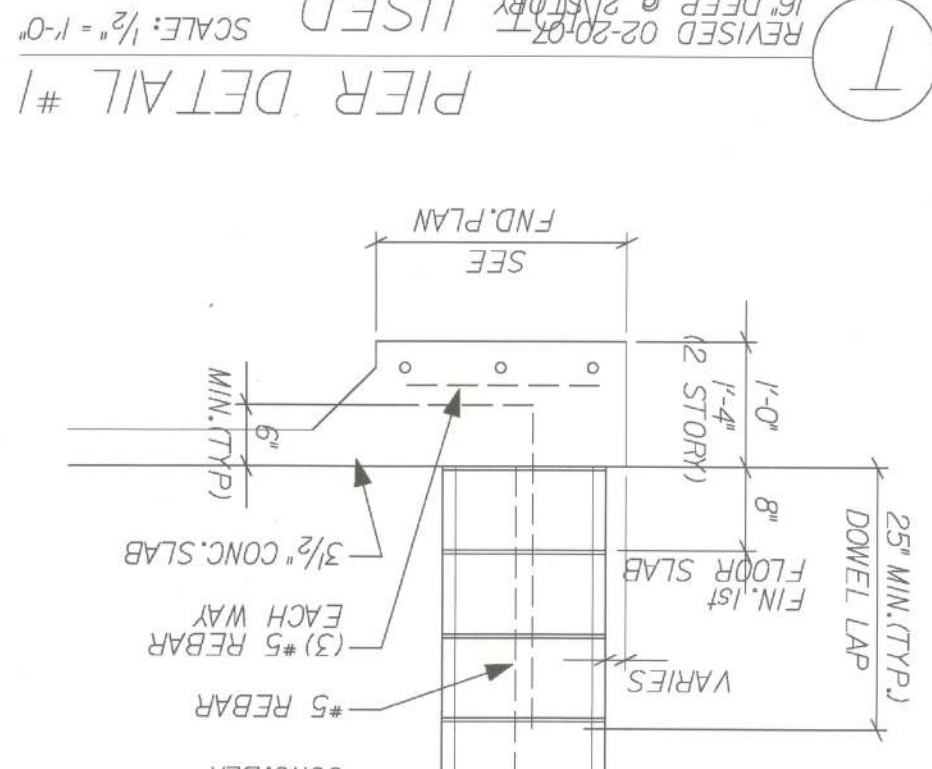
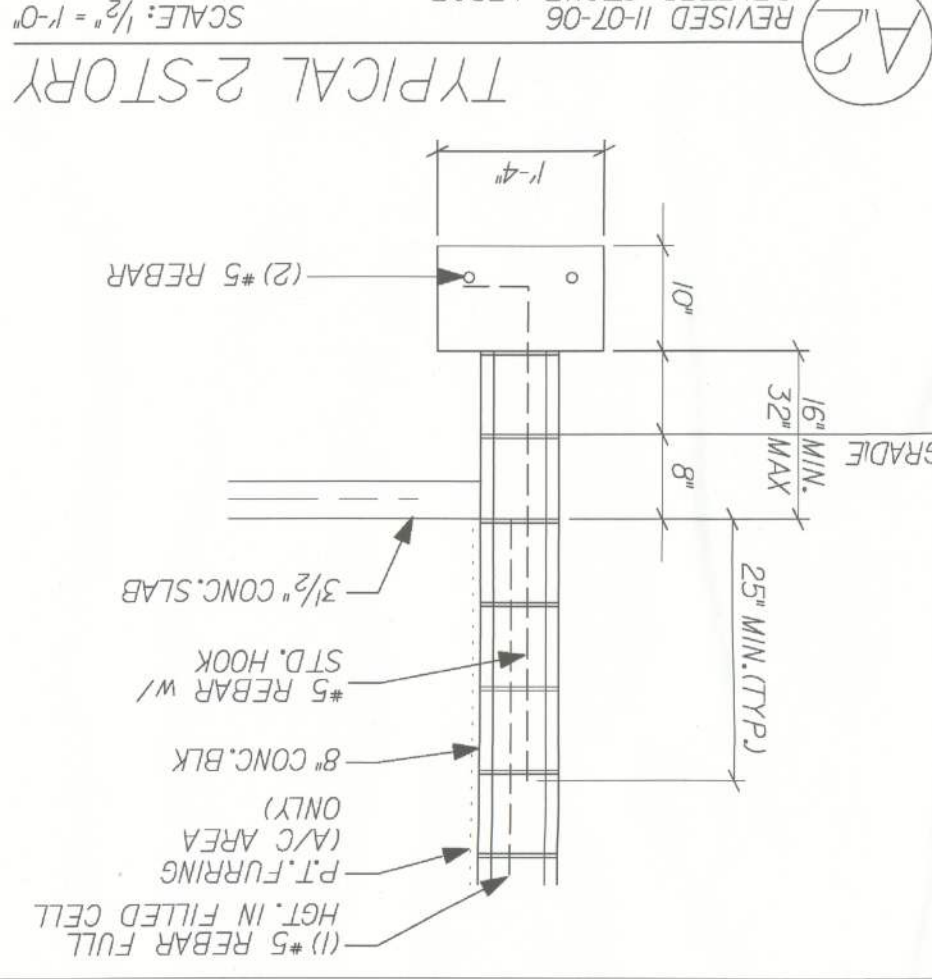
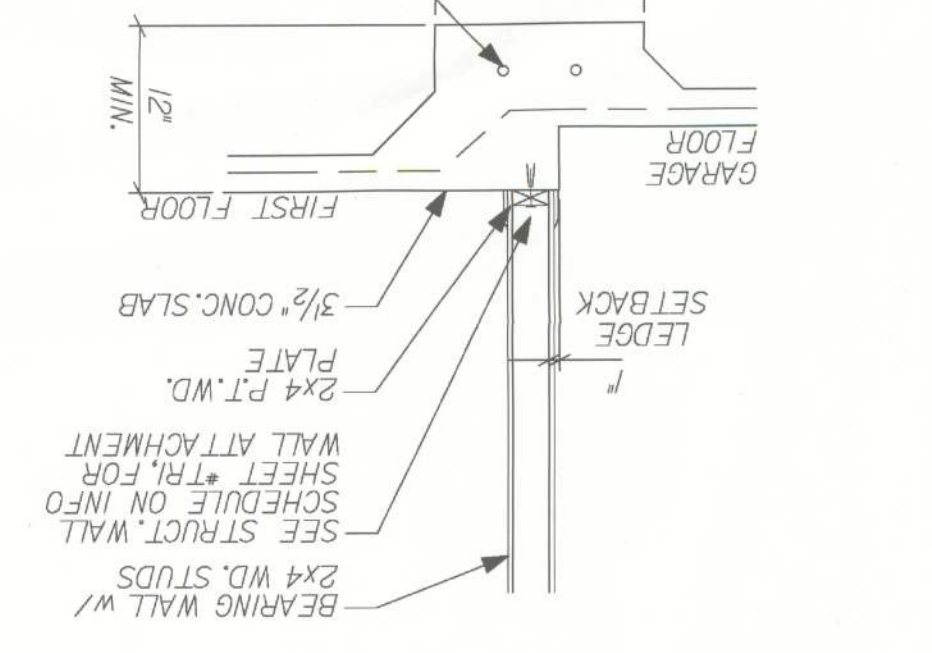
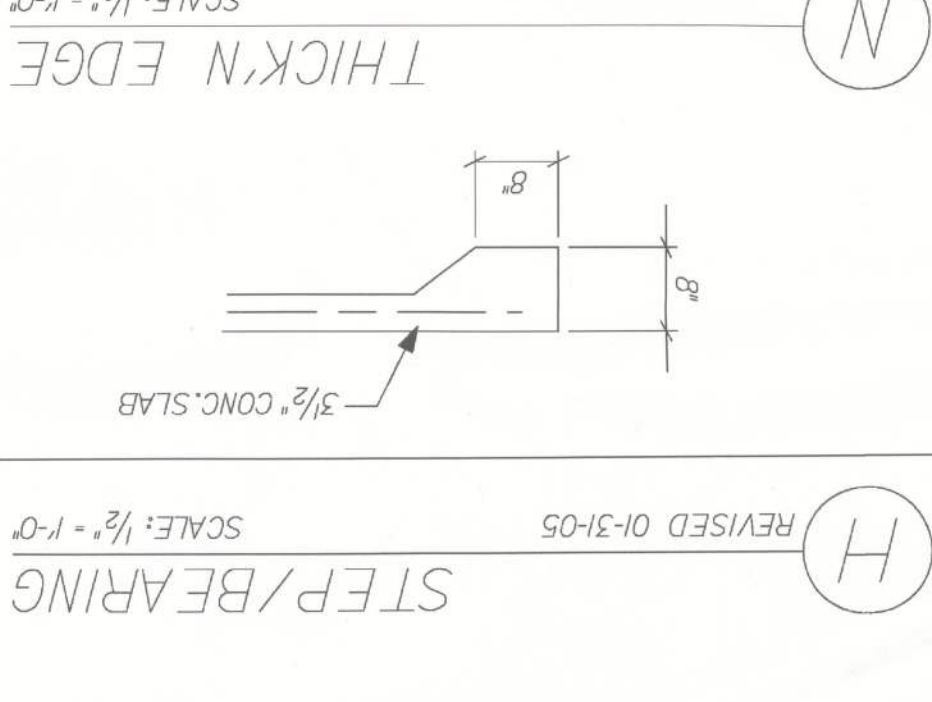
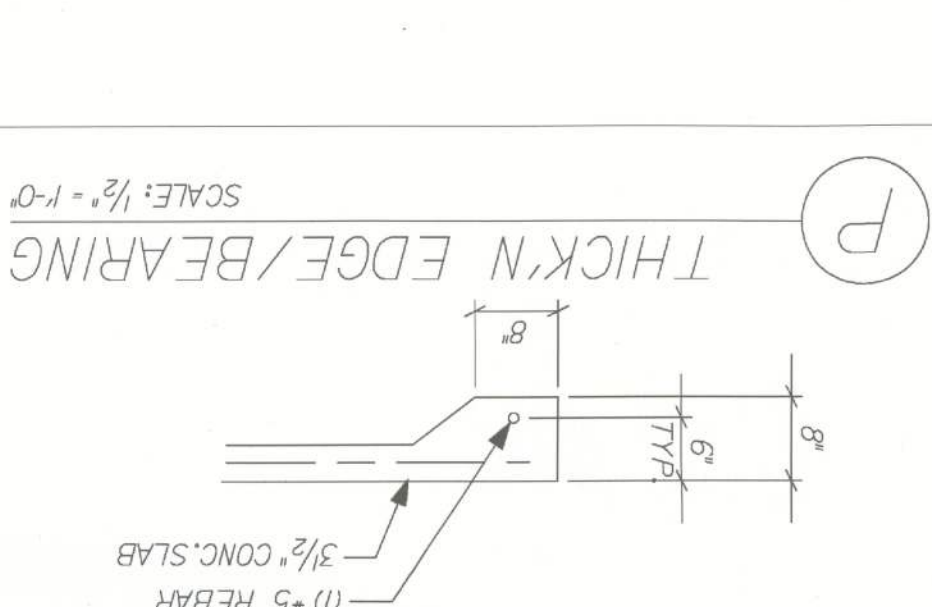
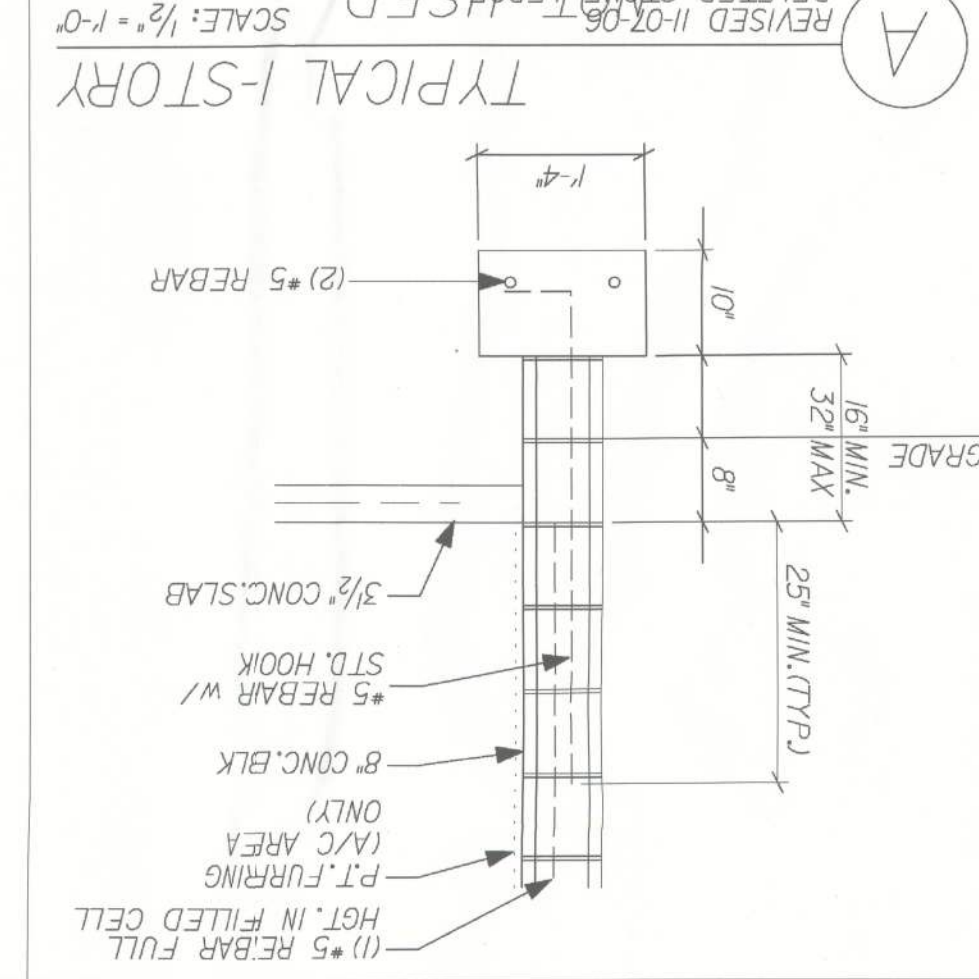
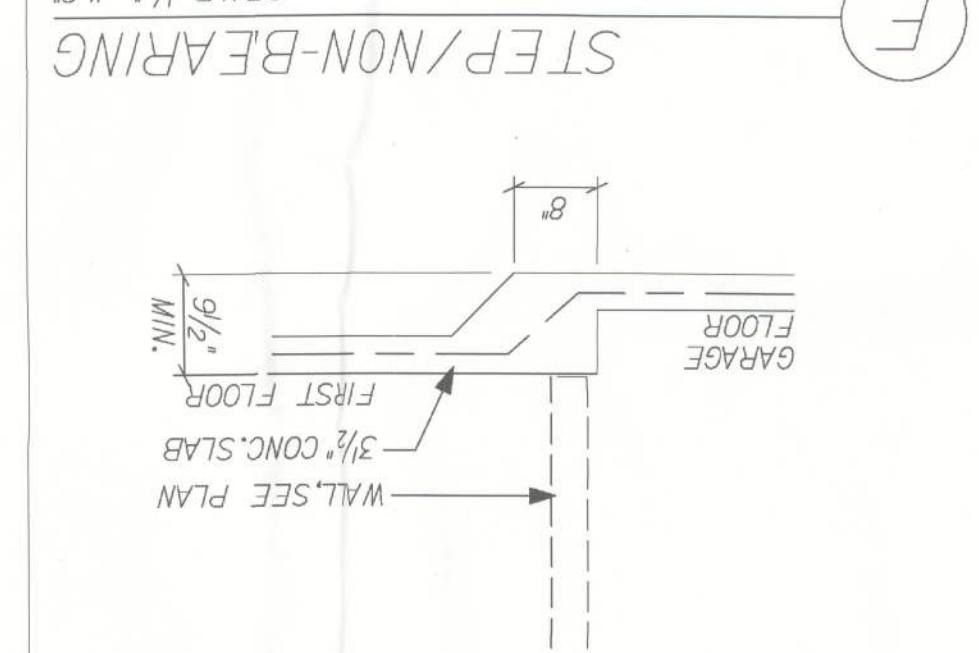
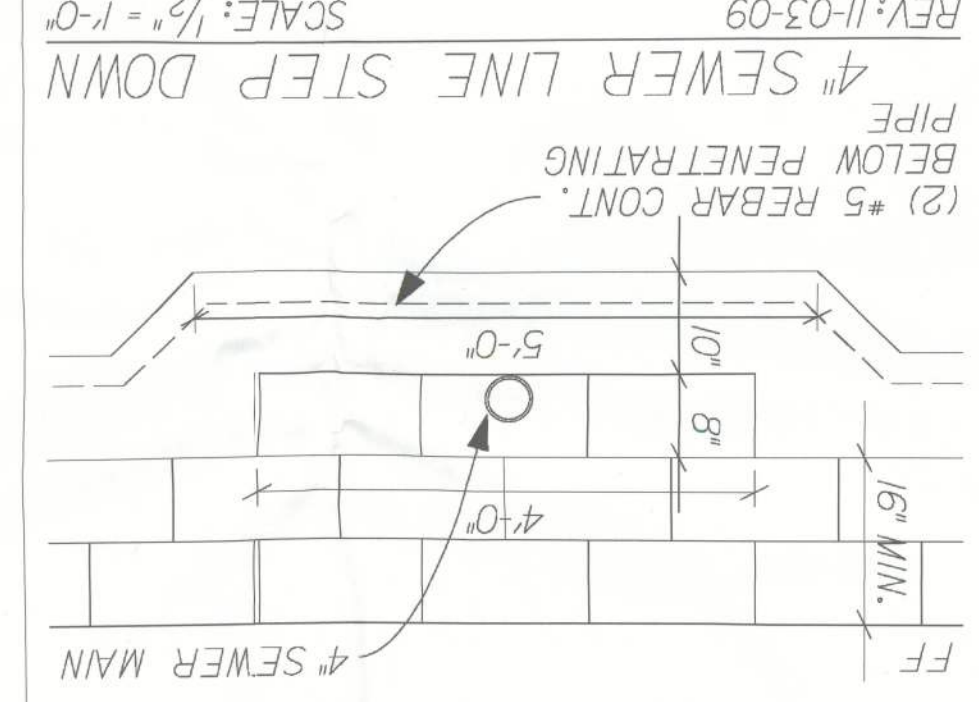
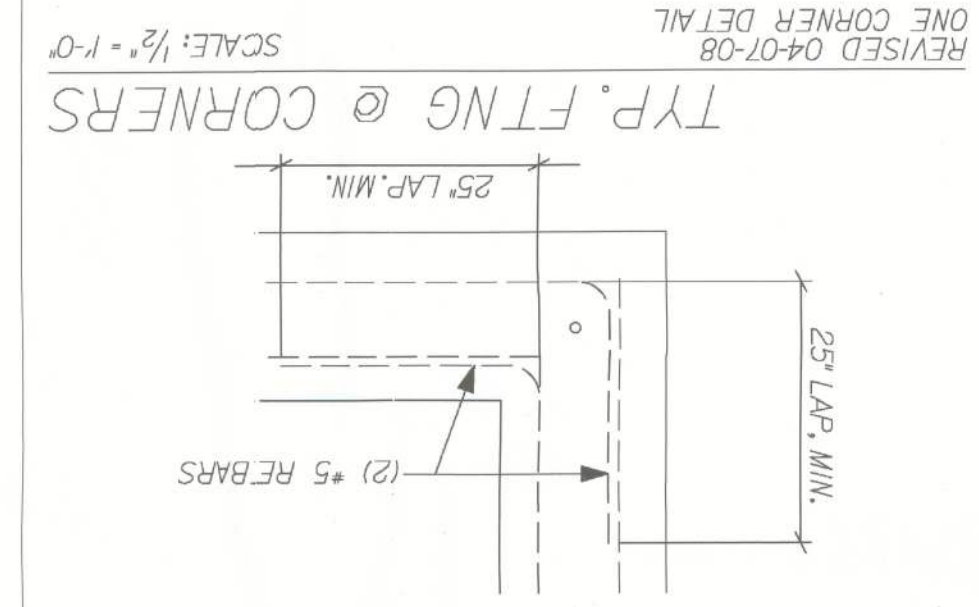
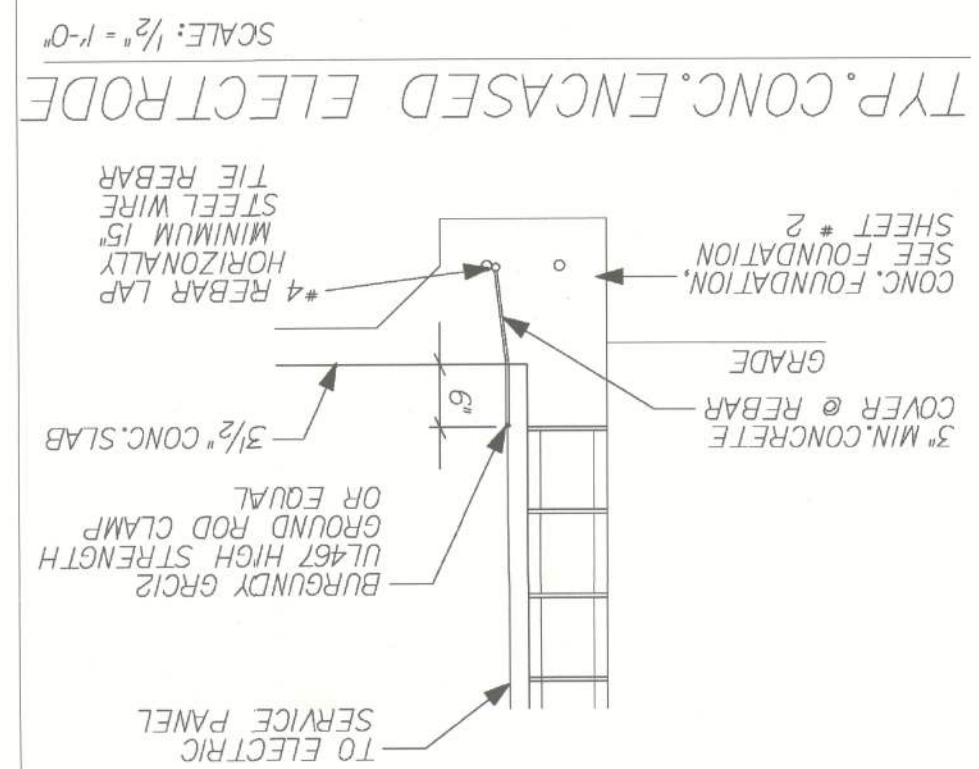
DRAWN BY: GARAGE:
RELEASE DATE: 09/01/04
DESIGNED WIND SPEED
V_W = 124 MPH
V_W = 160 MPH

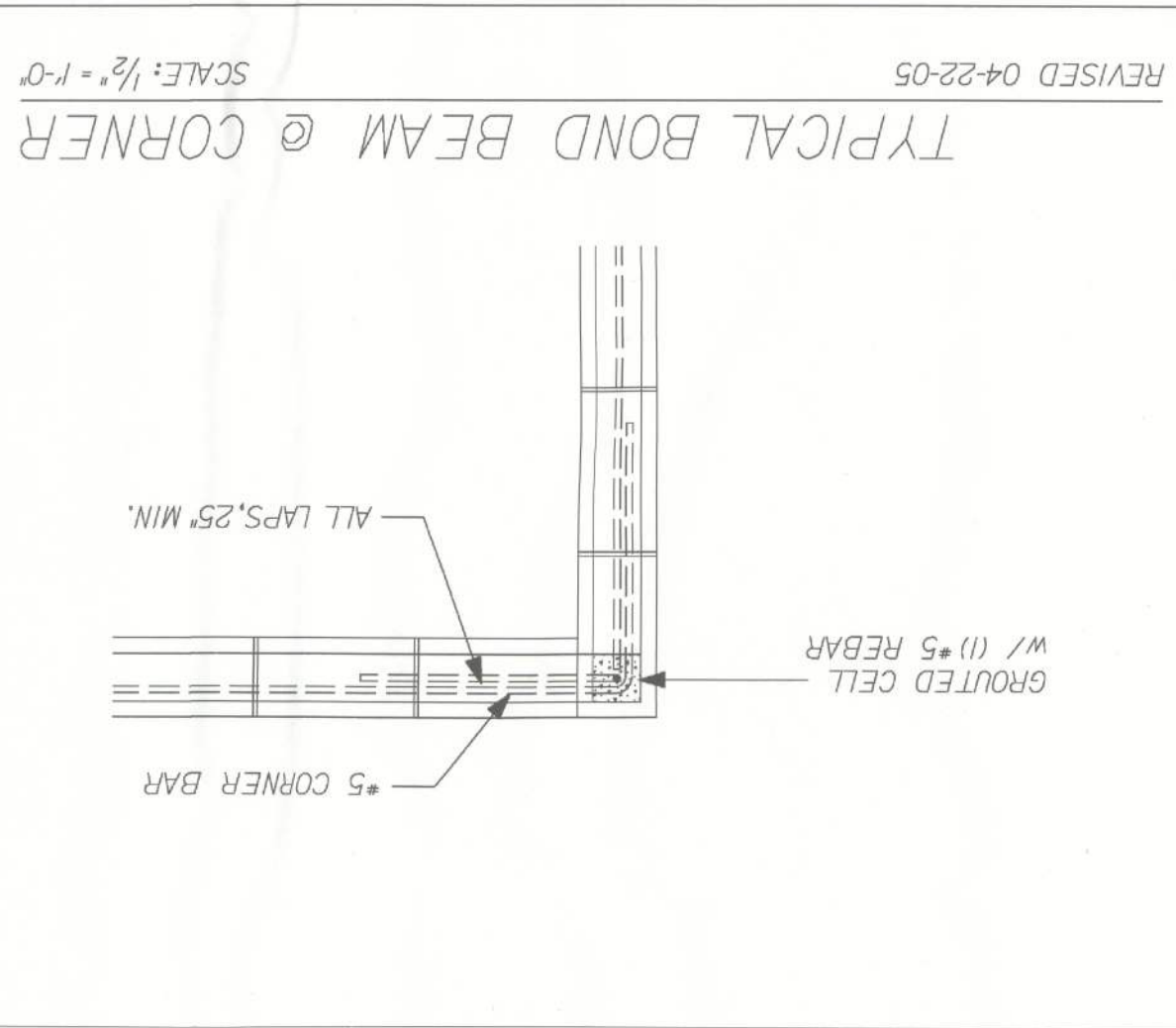
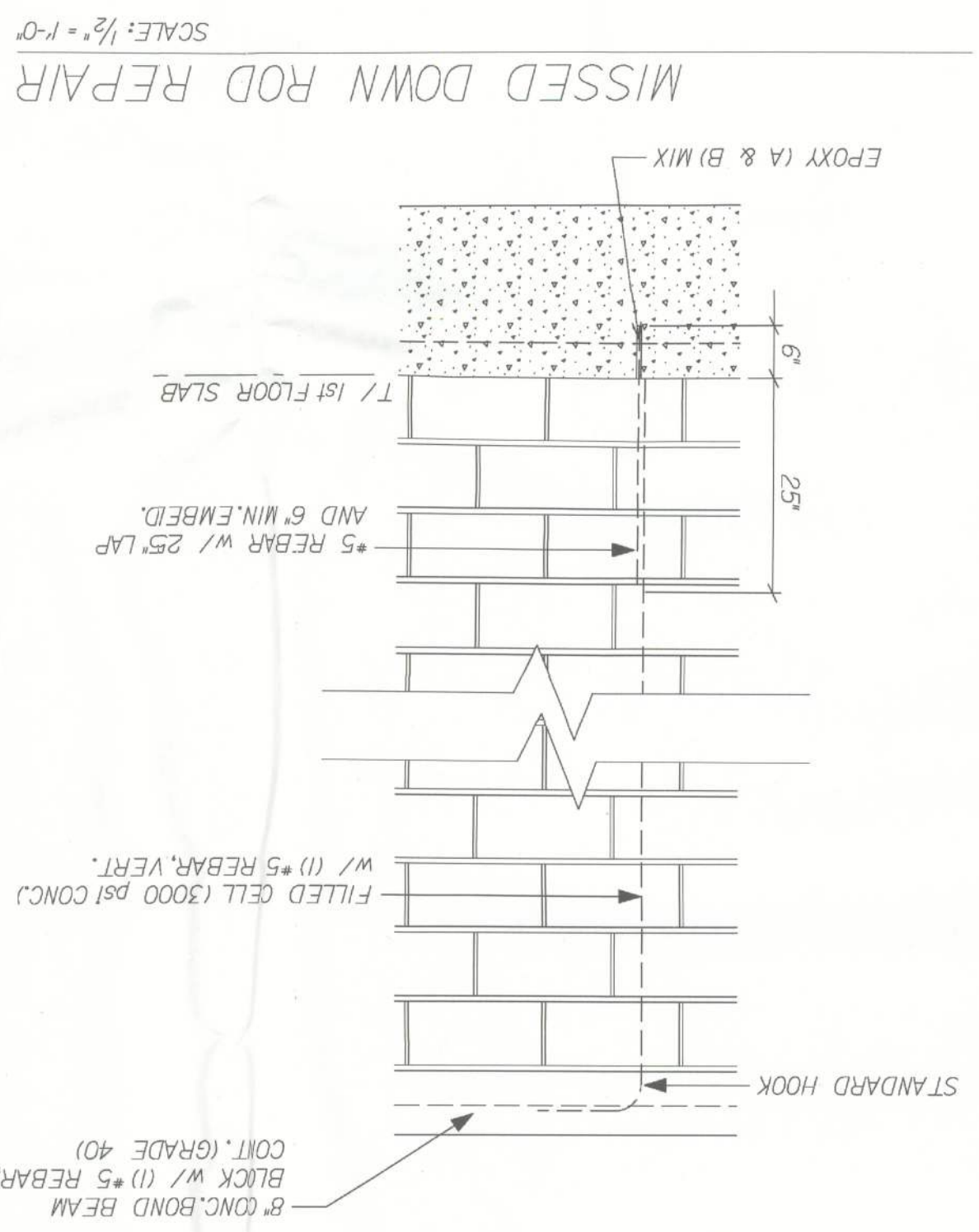
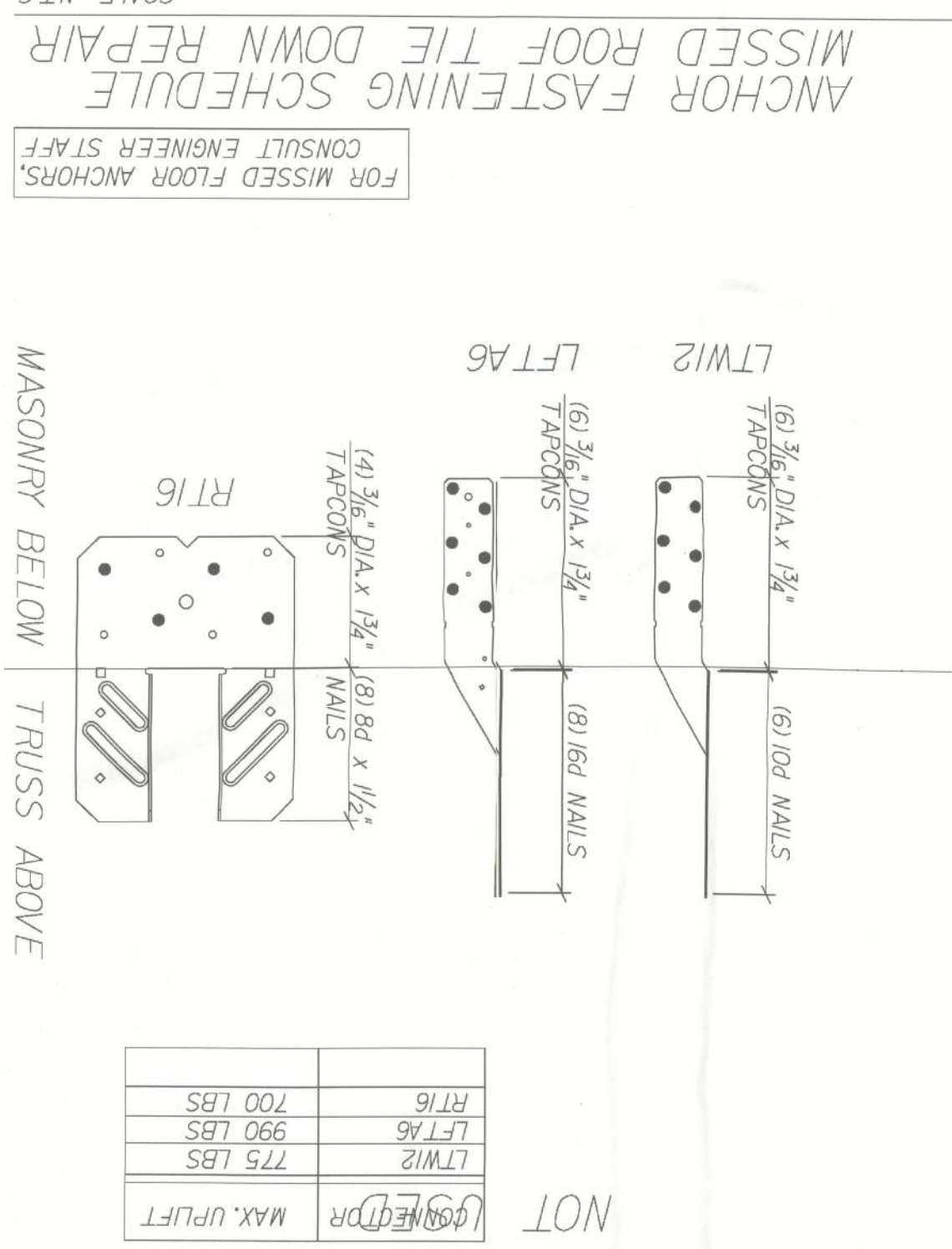
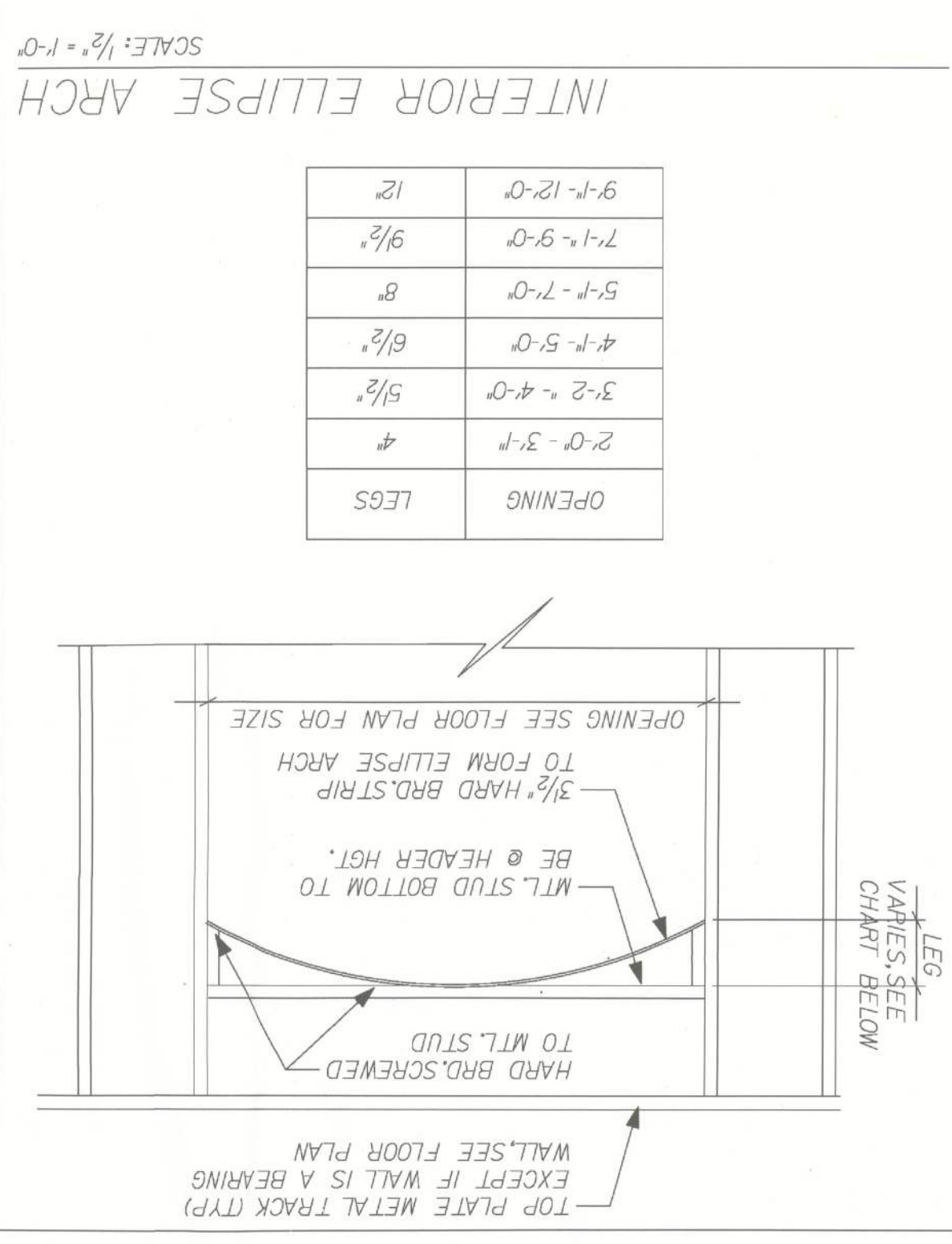
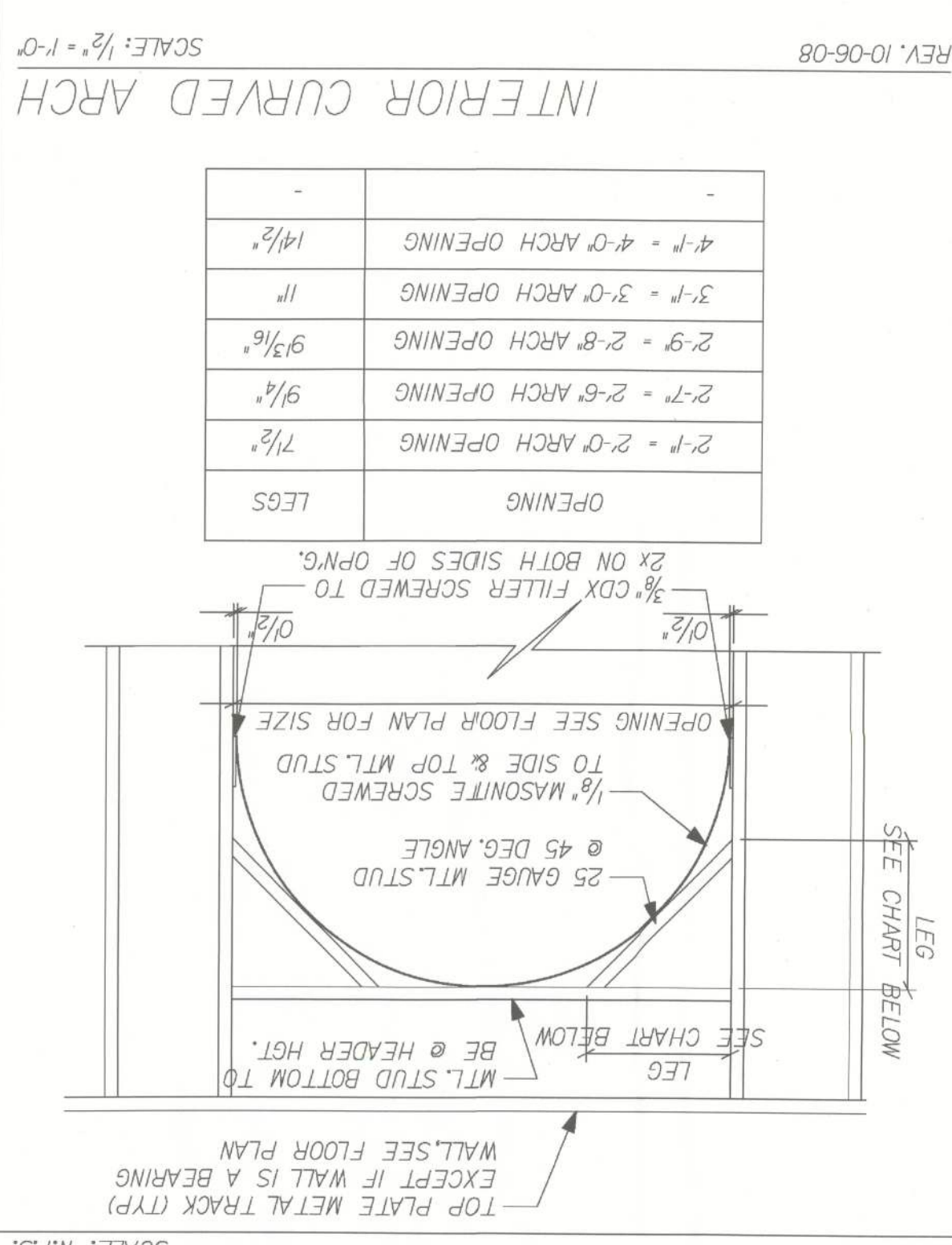
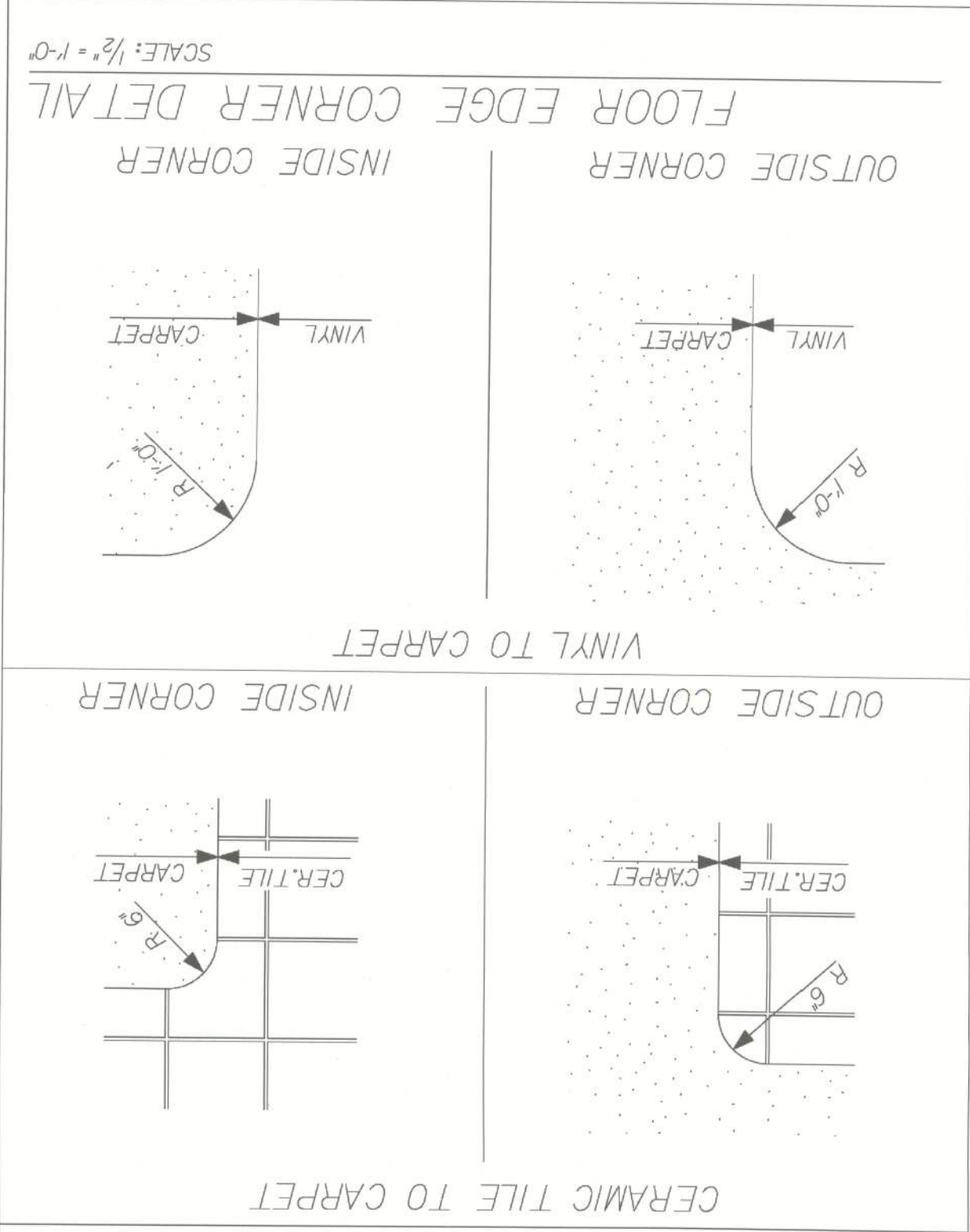
FLORIDA
THIS STRUCTURE WAS DESIGNED
IN ACCORDANCE WITH THE
REQUIREMENTS OF SECTION
R301 OF THE FLORIDA BUILDING
CODE 2010 - RESIDENTIAL AL
TO WITHSTAND ALL APPLICABLE
LOADS EXPOSURE B ENCLOSED
CONNECTIONS HAVE BEEN CHECKED
TO WITHSTAND ALL APPLICABLE
LOADS EXPOSURE B ENCLOSED
BUILDING AND RISK CATEGORY II.
DESIGNED WIND SPEED
V_W = 124 MPH
V_W = 160 MPH

Maronda Homes
4005 MARONDA WAY
SANFORD, FL 32771
(407) 321-0064

REVISIONS:
03/15/12 REV. CODE: INFORMATION

[illegible]





SD1

SHEET:

Tomás Ponce MSC.E, P.E.
FL. P.E. LIC. #50068

8/29/12

AMERICANA

STANDARD DETAILS

DRAWN BY:

RELEASE DATE: 09/01/04

GARAGE:

DESIGNED WIND SPEED
Vwsd = 124 MPH
Vult = 160 MPH

DESIGNED WIND SPEED
BUILDING AND RISK CATEGORY II,
LOADS EXPOSURE B, ENCLOSED
TO WITHSTAND ALL APPLICABLE
LOADS. CONNECTIONS HAVE BEEN CHECKED
CODE 2010: RESIDENTIAL ALL
REQUIREMENTS OF SECTION
IN ACCORDANCE AND MEETS THE
FLORIDA

4005 MARONDA WAY
SANFORD, FL 32771
(407) 321-0064

REVISIONS:

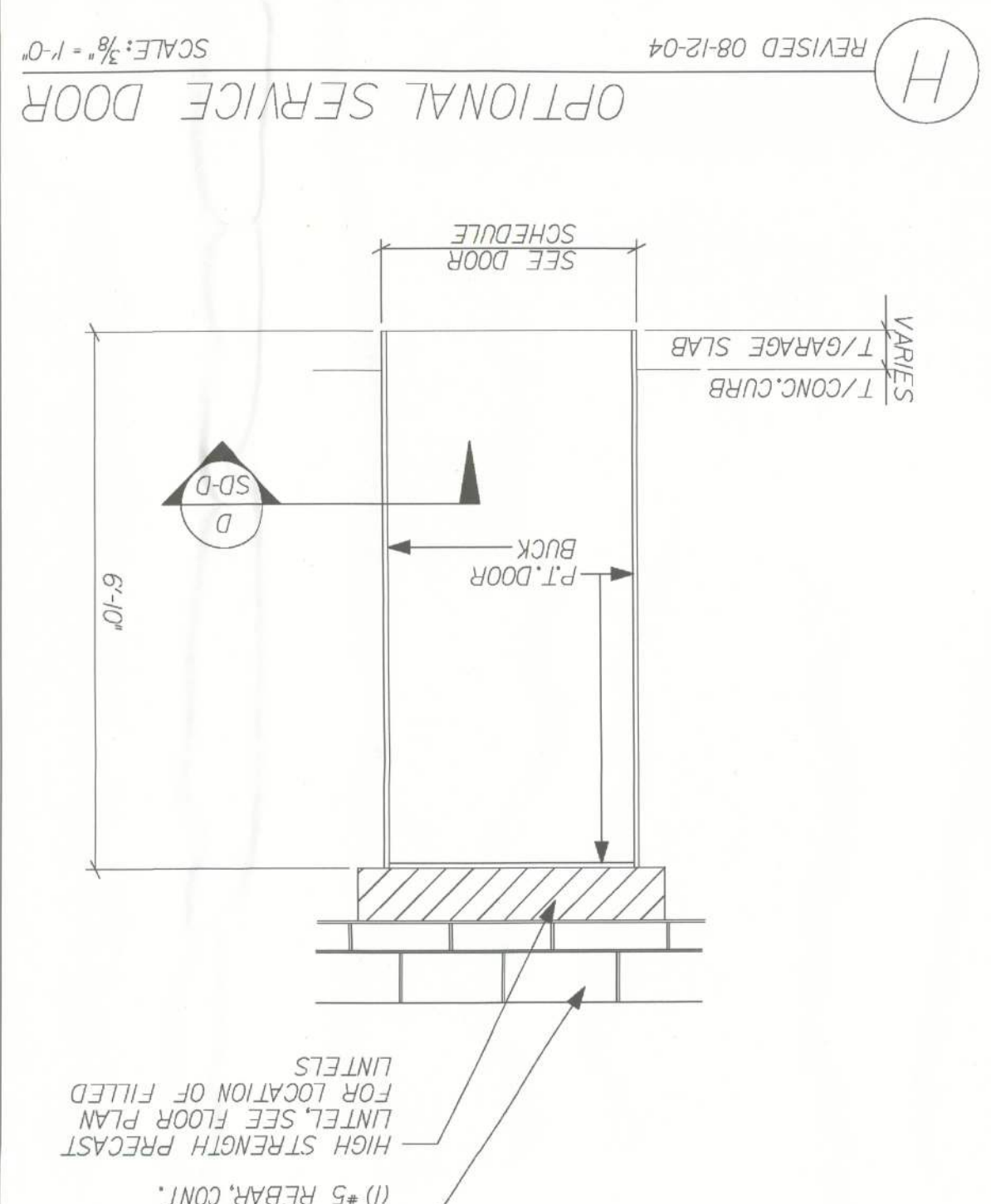
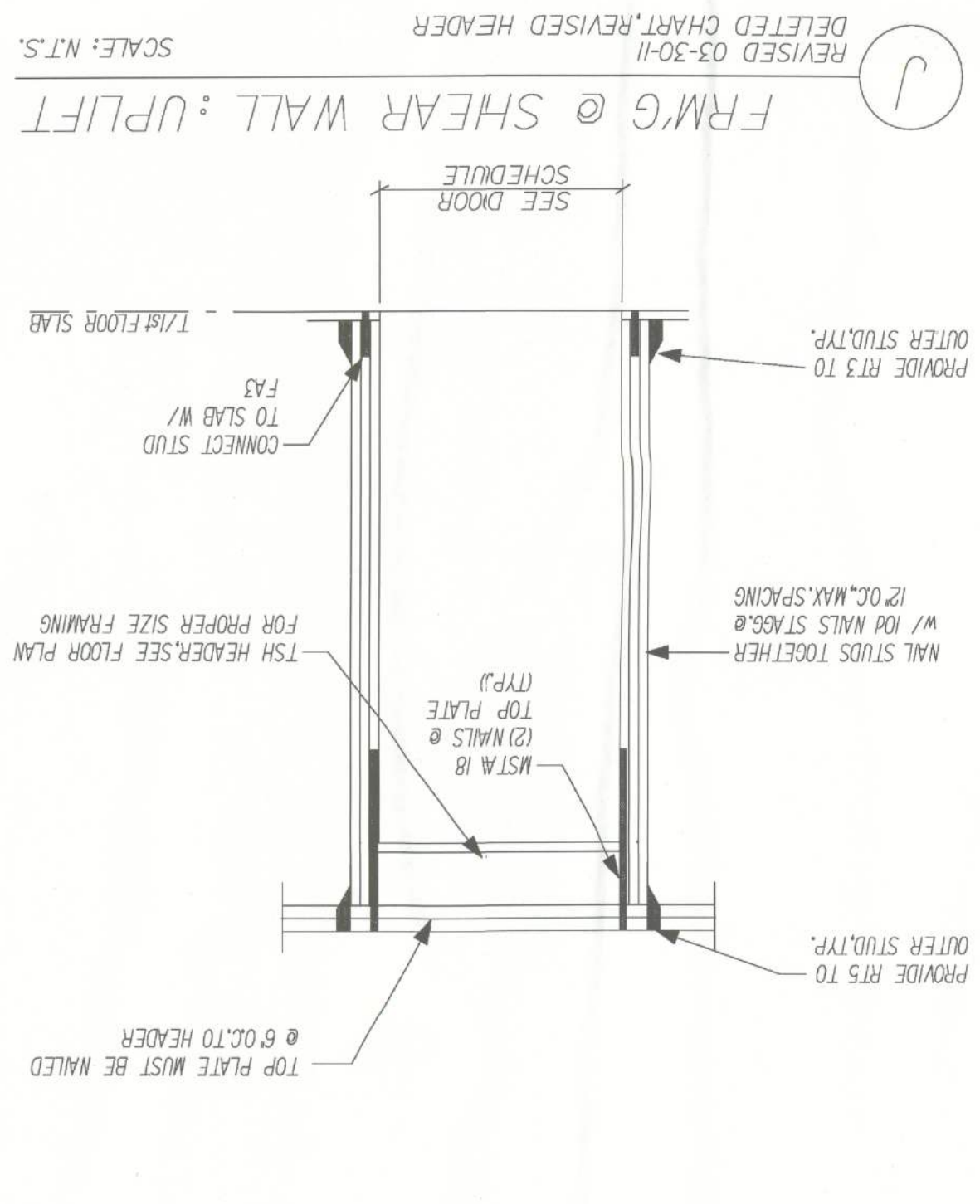
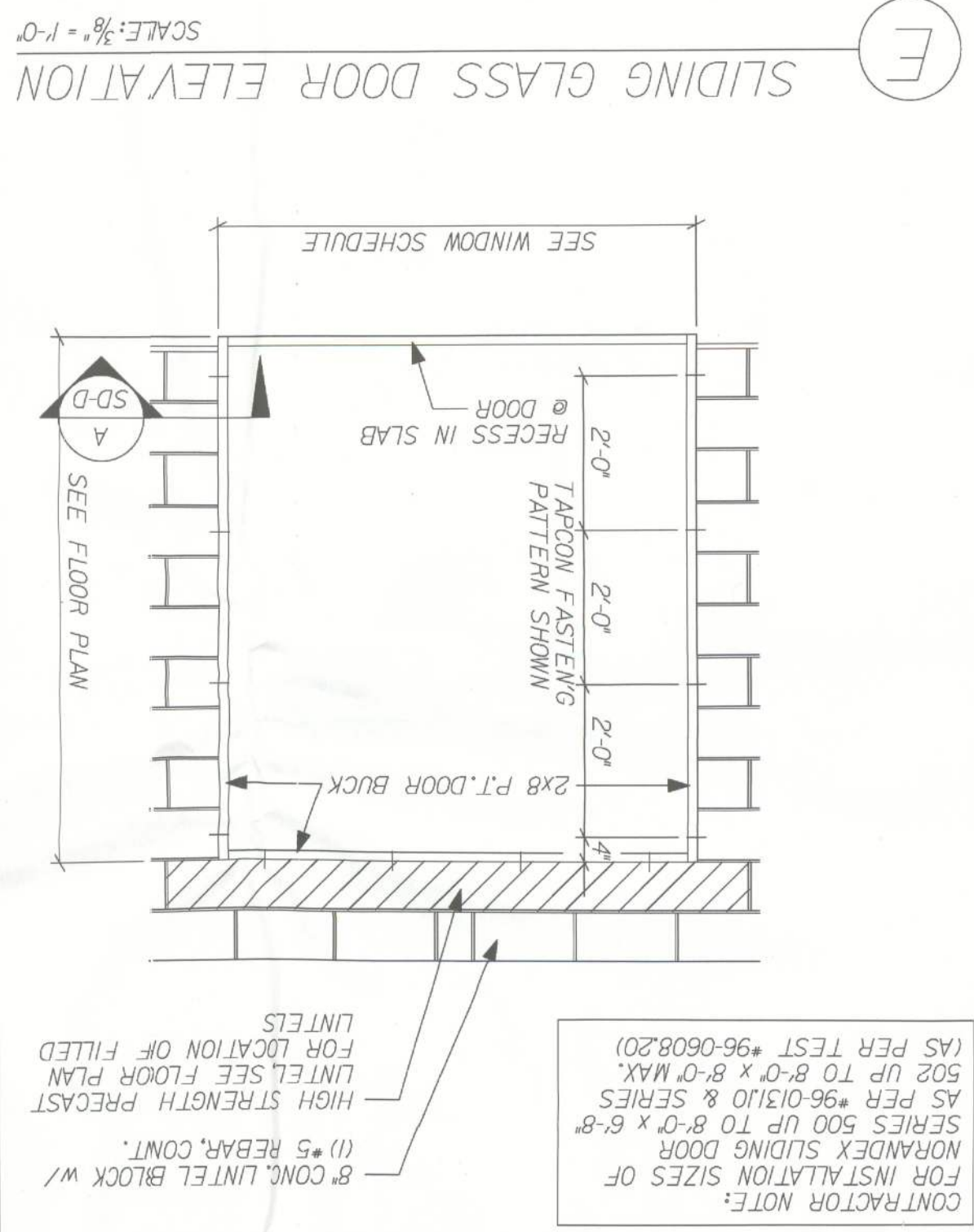
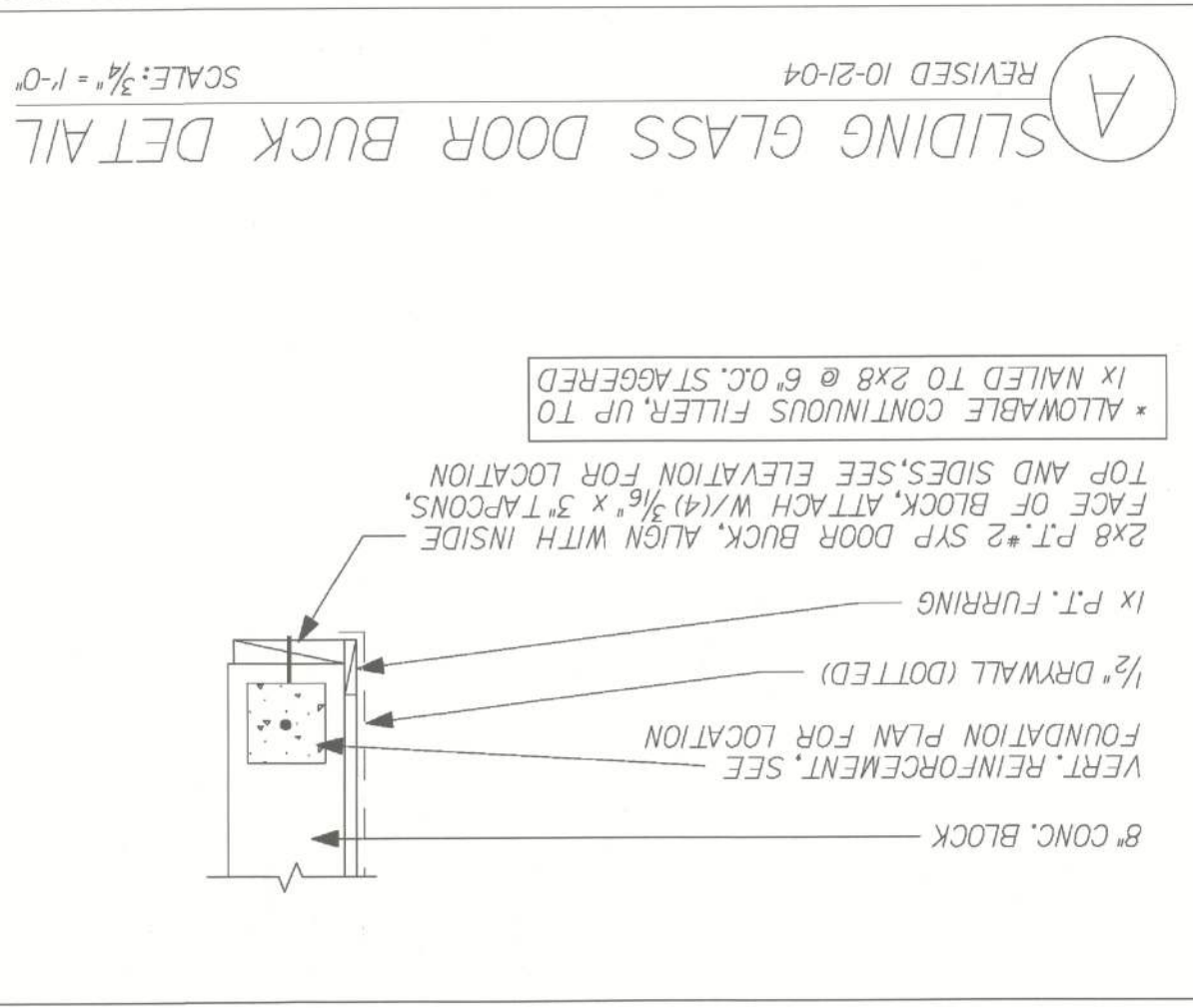
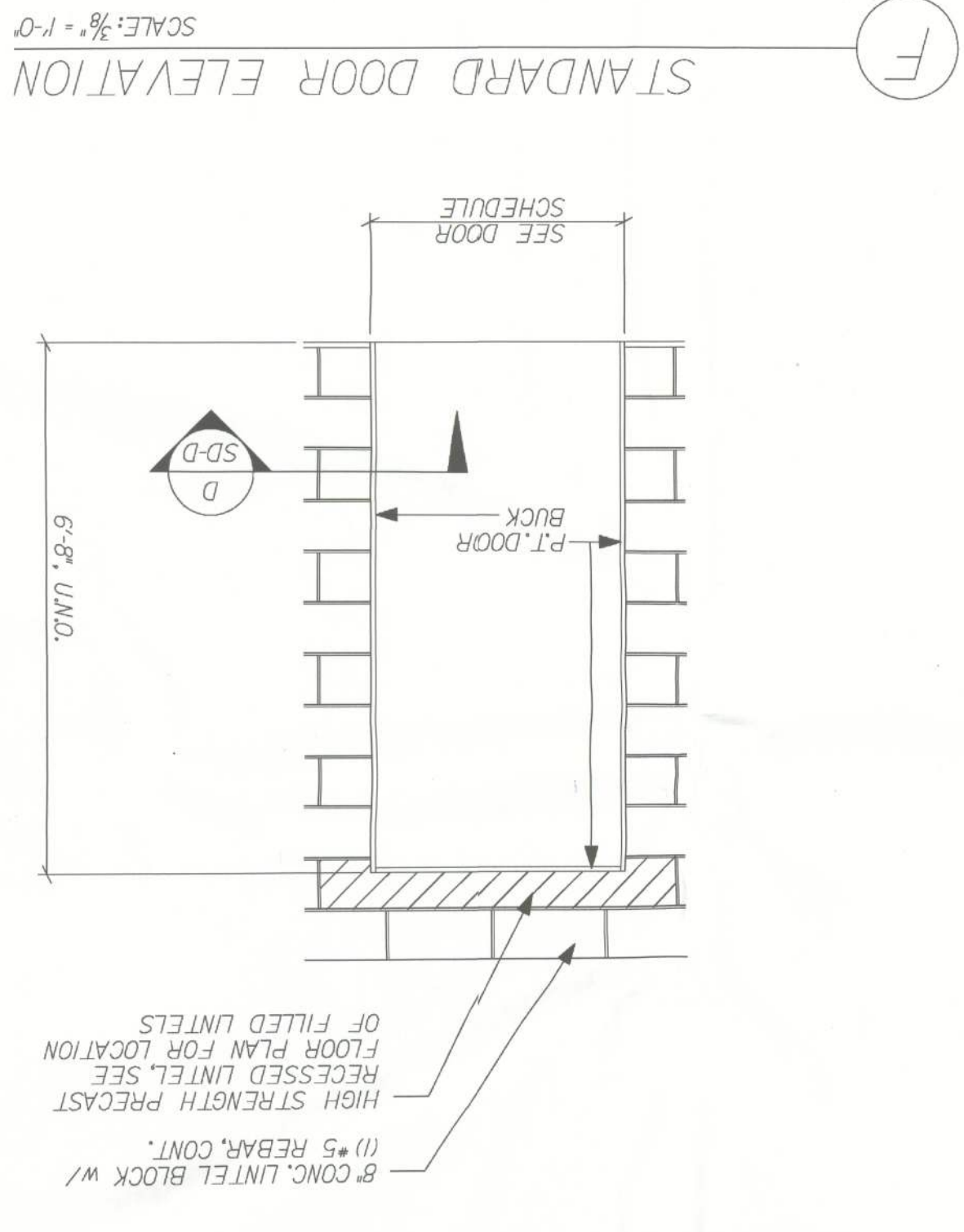
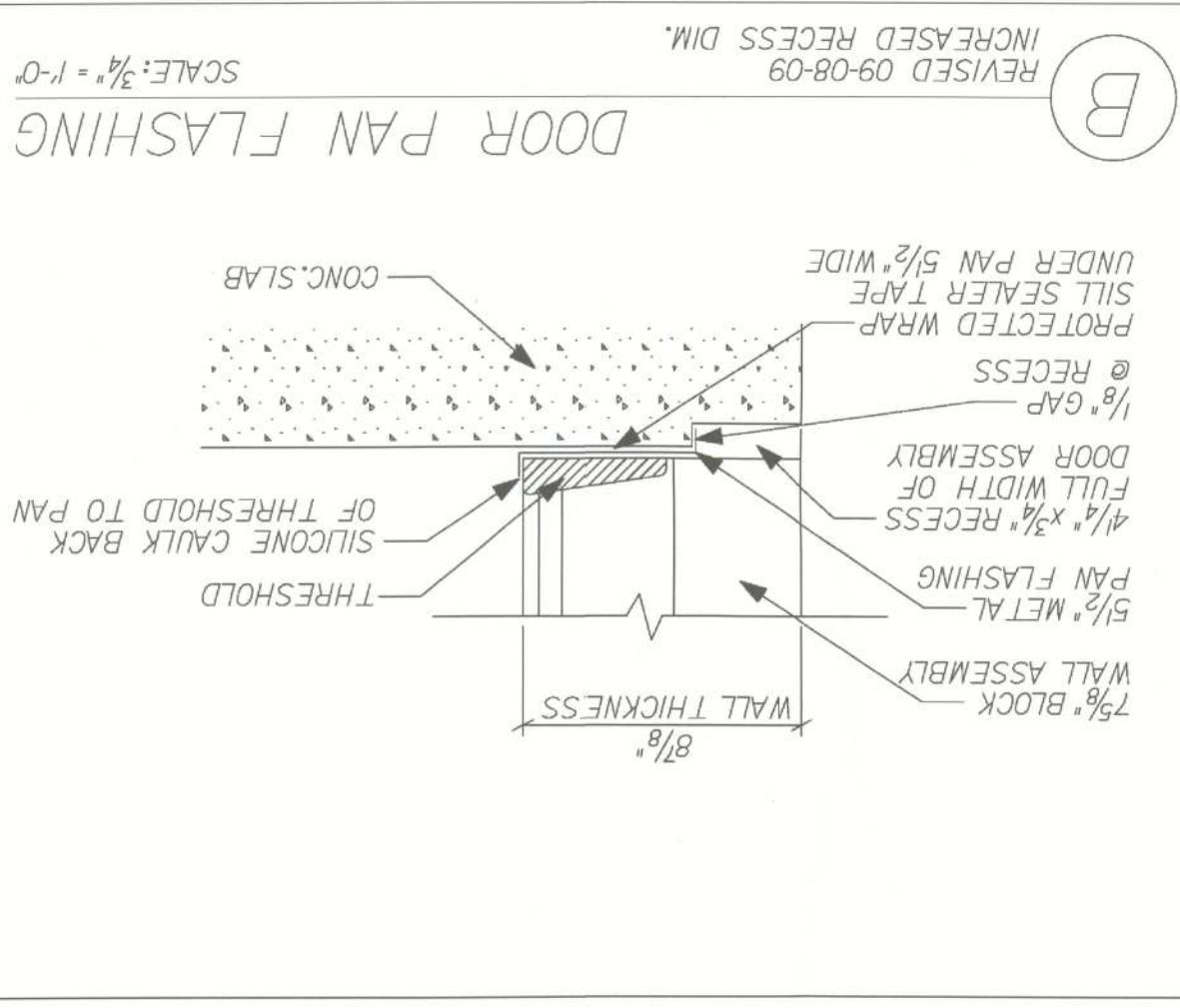
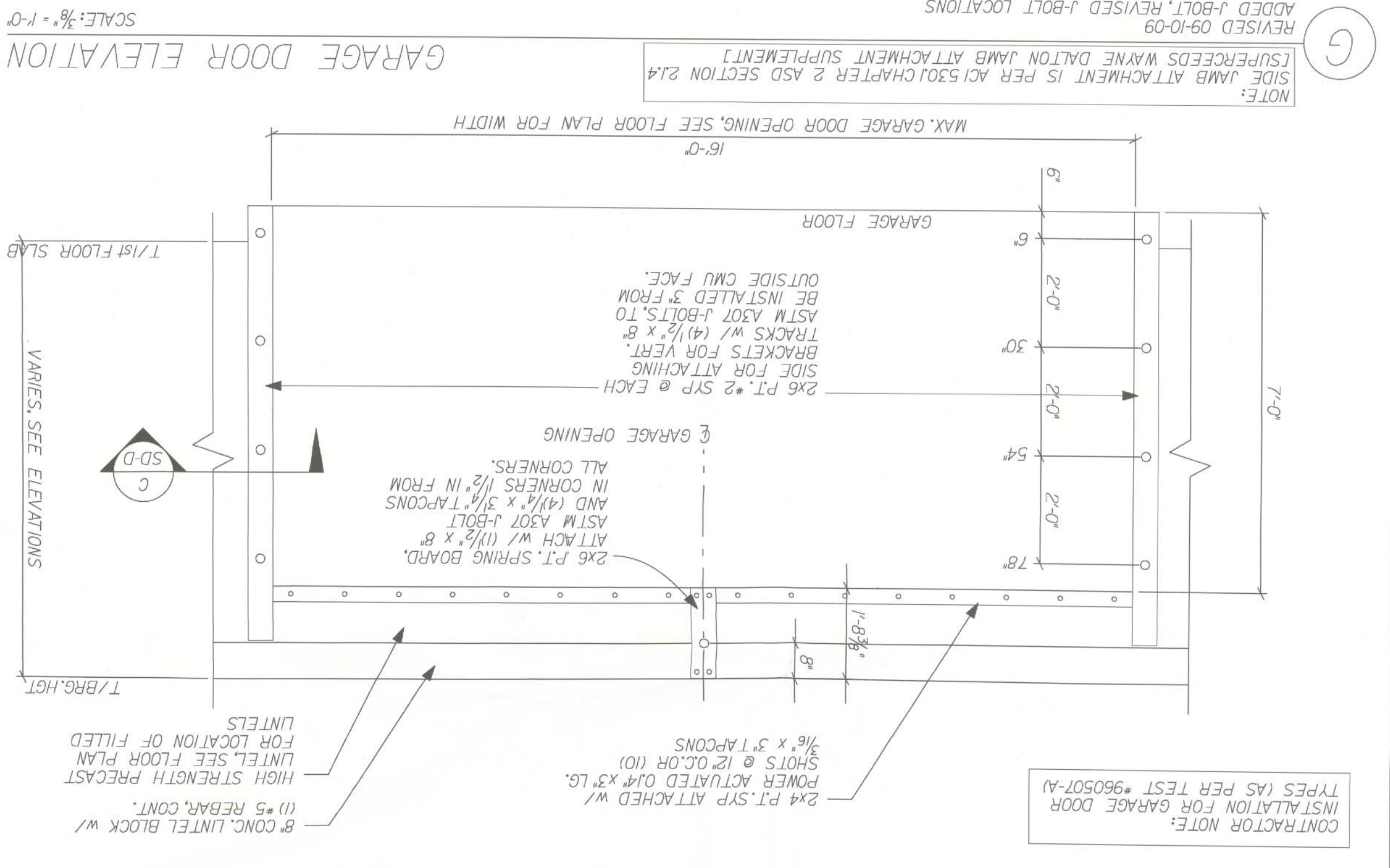
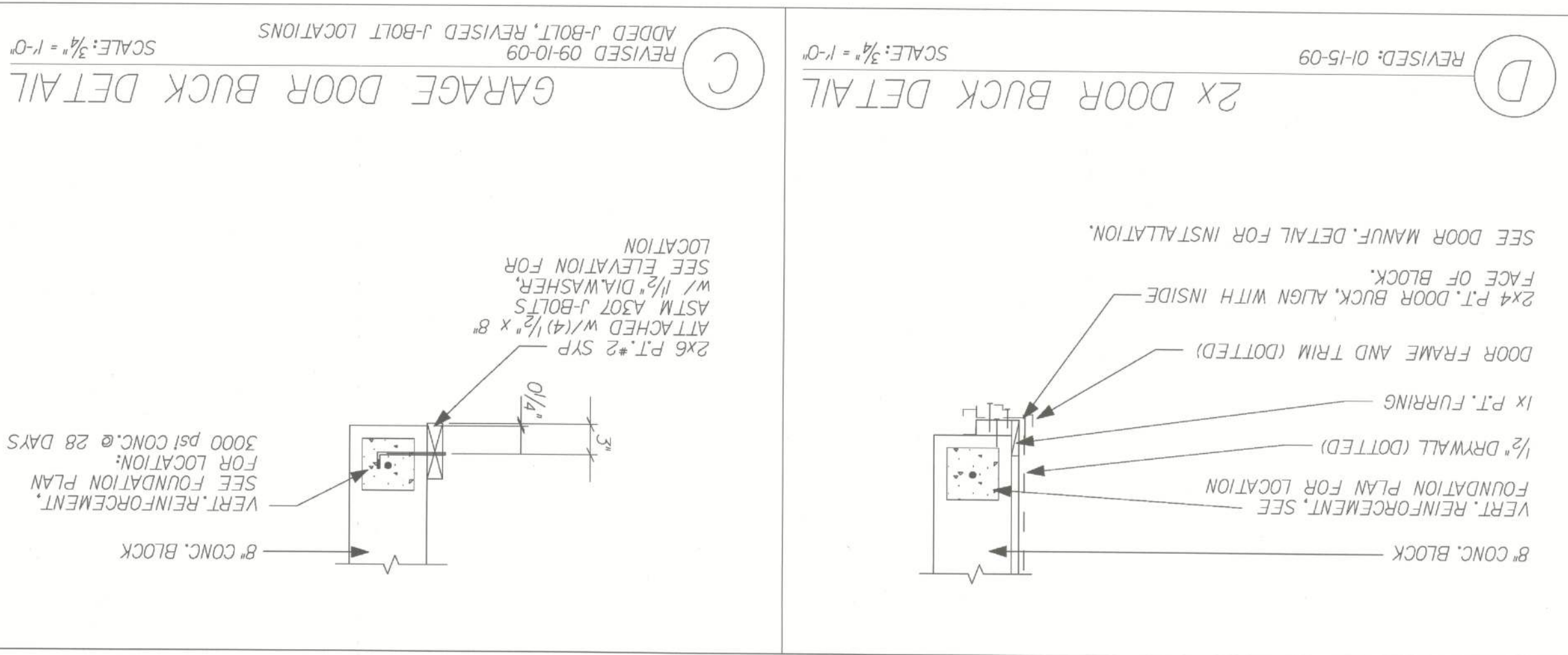
03-15-12 REV. CODE INFORMATION

REVISED 07-02-08
REV. DOOR TO 0.5.

DOOR SCHEDULE

DOOR TYPE	ACTUAL SIZE	ROUGH FRAME OPENING
2-0 STANDARD 0.5.	25 1/2" x 80 1/8"	26" x 80 1/8"
2-8 STANDARD 0.5.	33 1/2" x 80 1/8"	34" x 80 1/8"
2-10 STANDARD 0.5.	35 1/2" x 80 1/8"	36" x 80 1/8"
3-0 STANDARD 1.5.	37 1/2" x 82"	38" x 82 1/4"
3-0 w/SIDE/LIGHT 1.5.	51 1/8" x 82"	51 1/8" x 82 1/4"
3-0 w/(12) SIDE/LIGHT 1.5.	64 1/2" x 82"	65" x 82 1/4"
5-8 (12-10) FRENCH 0.5.	70 1/2" x 80 1/8"	71" x 80 1/8"
7'4" x 82 3/8"		

** FINISH OPENING IS DETERMINED BY ACTUAL SIZE 1/4" FOR HEIGHT
 ** FINISH OPENING IS DETERMINED BY ACTUAL SIZE 1/2" FOR WIDTH
 ** 0.5" OUTSWING
 ** 1.5" INSWING



SD-D

SHEET: 8/29/12

Tomás Ponce MSCE, PE
FL. PE. LIC. #50068

AMERICANA STANDARD DETAILS

DOORS OPENINGS

DRAMM BROS. GARAGE

RELEASE DATE: 09/01/04

155224

DESIGNED WIND SPEED
V_W = 160 MPH
V_W = 124 MPH

CONTRACTOR NOTE: THIS STRUCTURE WAS DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 2001 OF THE FLORIDA BUILDING CODE. ALL CONNECTIONS HAVE BEEN CHECKED TO WITHSTAND ALL APPLICABLE LOADS. EXPOSURE B, ENCLOSED BUILDING AND RISK CATEGORY II.

4005 MARONDA WAY
SANFORD, FL 32771
(407) 321-0064

Maronda Homes

REV. CODE INFORMATION

03-15-12

Toms Ponce MSCE, PE
 F.L.P.E. #50068
 SHEET:
 SD-W
 PLOT DATE: 26 MAR 2012

WINDOWS	STANDARD
	
DRAWN BY:	
GARAGE:	
RELEASE DATE: 09/01/04	
1535247	

[illegible]

FLORIDA
THIS STRUCTURE WAS DESIGNED
IN ACCORDANCE WITH THE
REQUIREMENTS OF SECTION
301 OF THE FLORIDA BUILDING
CODE 2010 : RESIDENTIAL ALL
CONNECTORS HAVE BEEN CHECKED
FOR WITHSTAND ALL APPLICABLE
LOADS, EXPOSURE B, ENCLOSED
BUILDING AND RISK CATEGORY II.

ANFORD, F.L. 32771
(407) 321-0064

Maronda Homes	
03-15-12	REV.

[illegible]

[illegible][illegible]

CONTRACTOR NOTE:
FOR INSTALLATION SIZES OF
NORANDEX WINDOW SERIES
437/438 UP TO 53 1/8" X 76 3/8"
AS PER TEST #96-062420

STANDARD WINDOW DETAILS IN
BLOCK WALLS UP TO 10 FEET
HIGH

(XFLA-26-1) 1X3 MULLION

1/16" X 2 1/4" TAPCON
@ 15" IN.

FRAME APPLICATION

FLA-45
MULLION ANCHOR CLIP

16 GALVALY.
SHEET METAL

100 LB. MAX CAPACITY

CLIP STYLE MULLION
FLA-45

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

SH HEAD

DN SILL

3/4"

1 1/2" X 3 1/2"

1/4" X 3 1/2"

8" CONC. UNTEL. BLOCK W/
(1) #5 REBAR, CONT.

HIGH STRENGTH RECESSED
PRECAST UNTEL. SEE
FLOOR PLAN FOR LOCATION
OF FLOORED UNTELS

NOTE:
MAX CUT BACK 2X8 P.T. @
BLOCKS AROUND CURVE
MIN ATTACH W/ 3/4" X 3 1/2"
APFCONS @ 24" O.C.

Diagram illustrating the components and assembly of a window jamb standard block:

- CONC. BLOCK
- ERT. REINFORCEMENT. SEE FOUNDATION PLAN FOR LOCATION
- " DRYWALL (DOTTED)
- P.T. FURNISHING
- 4 P.T. WINDOW BLOCK, ALIGN WITH INSIDE FACE OF BLOCK, TEMPORARILY FASTEN WITH 3/16" x 2 1/4" NAIL, EMBEDMENT SEE WINDOW SCHEDULE FOR NUMBER OF TAPCONS REQUIRED

WINDOW JAMB-STANDARD-BLK

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

TYP. HEADER DETAIL-2ND FLOOR FRAMING
 REVISD 03-30-11-DELETED CHART
 SCALE: N.T.S.

PROVIDE MSTR8 TO
 OUTER STUD, TYP. A
 HEADER
 ARCH WINDOW, DOTTED
 VARIES, SEE CHART BELOW
 CONN. OUTER STUD
 TO RIM JOIST W/
 MSTR8
 DOUBLE STRAPS @
 4'-0" WIDE x OPENINGS
 [DOTTED]
 NAIL STUDS TOGETHER
 W/ 10D NAILS STAG. @
 12" O.C. MAX. SPACING
 TSH HEADER, SEE FLOOR
 PLAN FOR PROPER SIZE
 FRAMING
 (TYP.)
 SECTION A-A
 MSTR24
 (2) NAILS @
 TOP PLATE
 STRAP MSTR2 FROM
 TOP PLATE TO HEADER
 (SEE SCHEDULE BELOW)
 B' CONC. LINTEL BLOCK W/
 (1) #5 REBAR, CONT.
 HIGH STRENGTH RECESSED
 FLOOR PLAN FOR LOCATION
 OF FILLED LINTELS
 PRECAST LINTEL SEE
 ATTACH W/ 3/8" x 3 1/2"
 CONCS @ 24" O.C.
 TYP. CUT BACK 2X8 P.T.
 TO ALLOW CONT. 2x4
 BLOCK AROUND CURVE
 L' ATTACH W/ 3/8" x 3 1/2"
 CONCS @ 24" O.C.
 TYP.

SCALES: 3/8" = 1'-0"

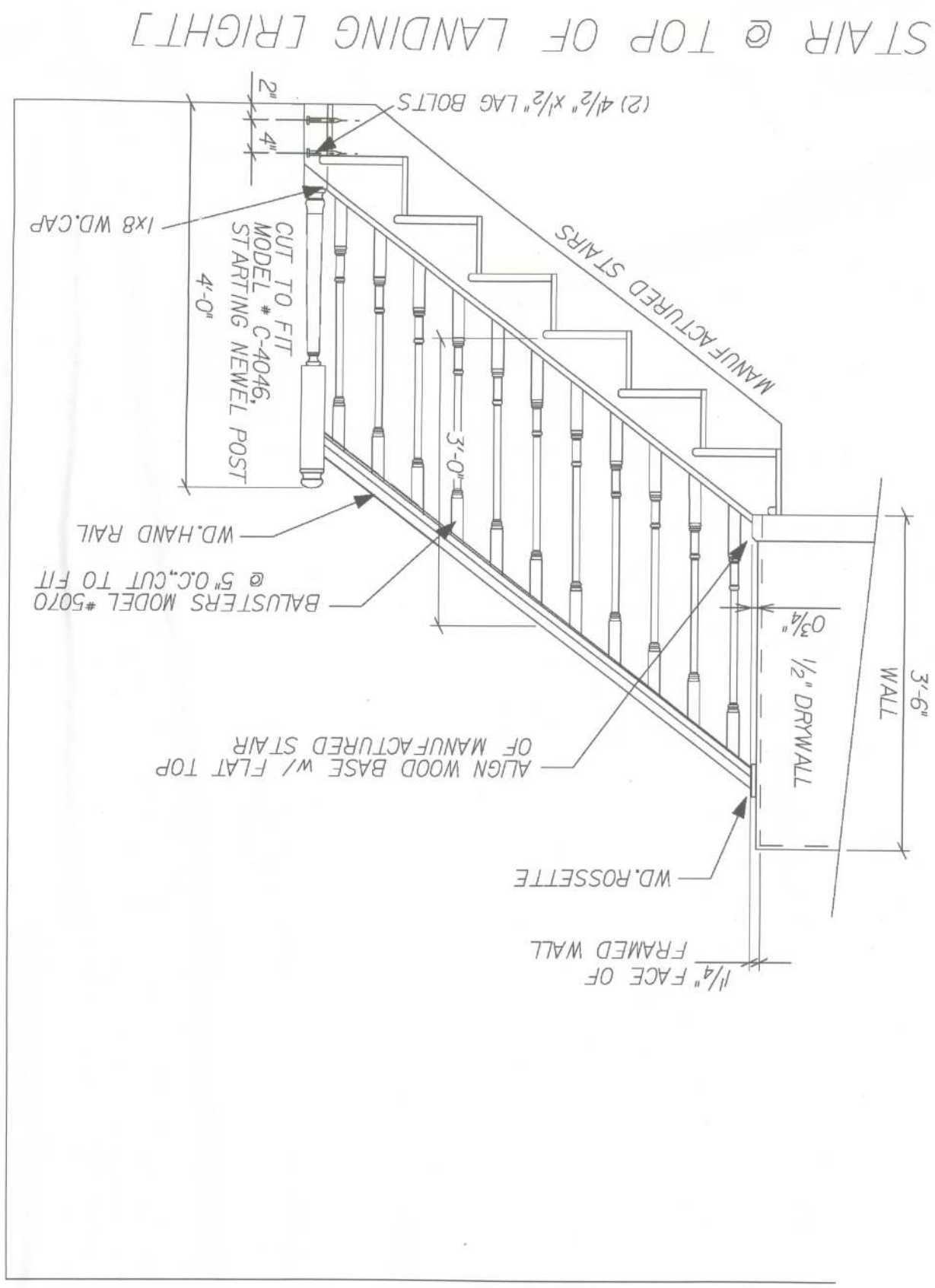
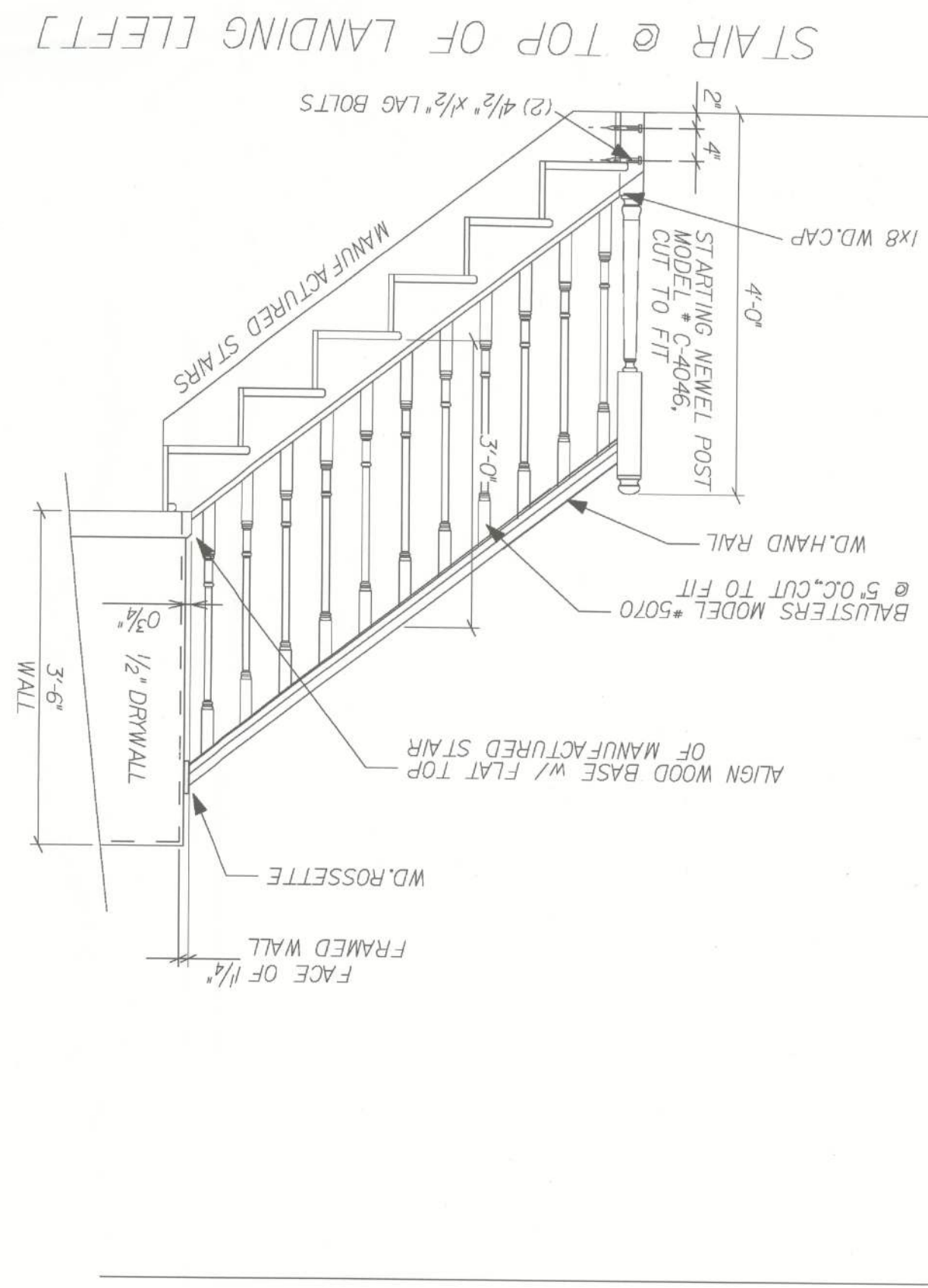
WINDOW HEAD-STANDARD-BLK

REQUIRED
SCHEDULE FOR NUMBER OF TAPCONS
MIN. 1/4" EMBEDMENT, SEE WINDOW
FASTEN WINDOW WITH 3/8" x 2"
E OF BLOCK, TEMPORARILY FASTEN WITH
PT. WINDOW BLOCK, ALIGN WITH INSIDE
FURNISHING

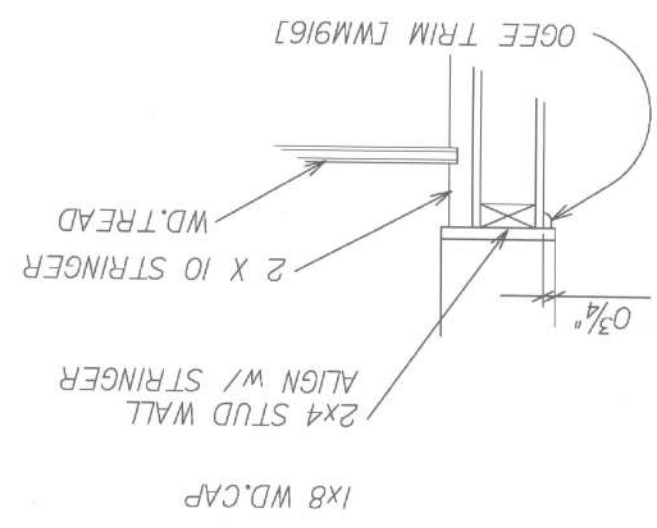
FLOOR PLAN FOR LOCATION
STRENGTH PRECAST LUNTEL
FORM WALL (OBTAINED)
ONC. LUNTEL BLOCK w/
REBAR, CONT.
FURNISHING

[illegible]

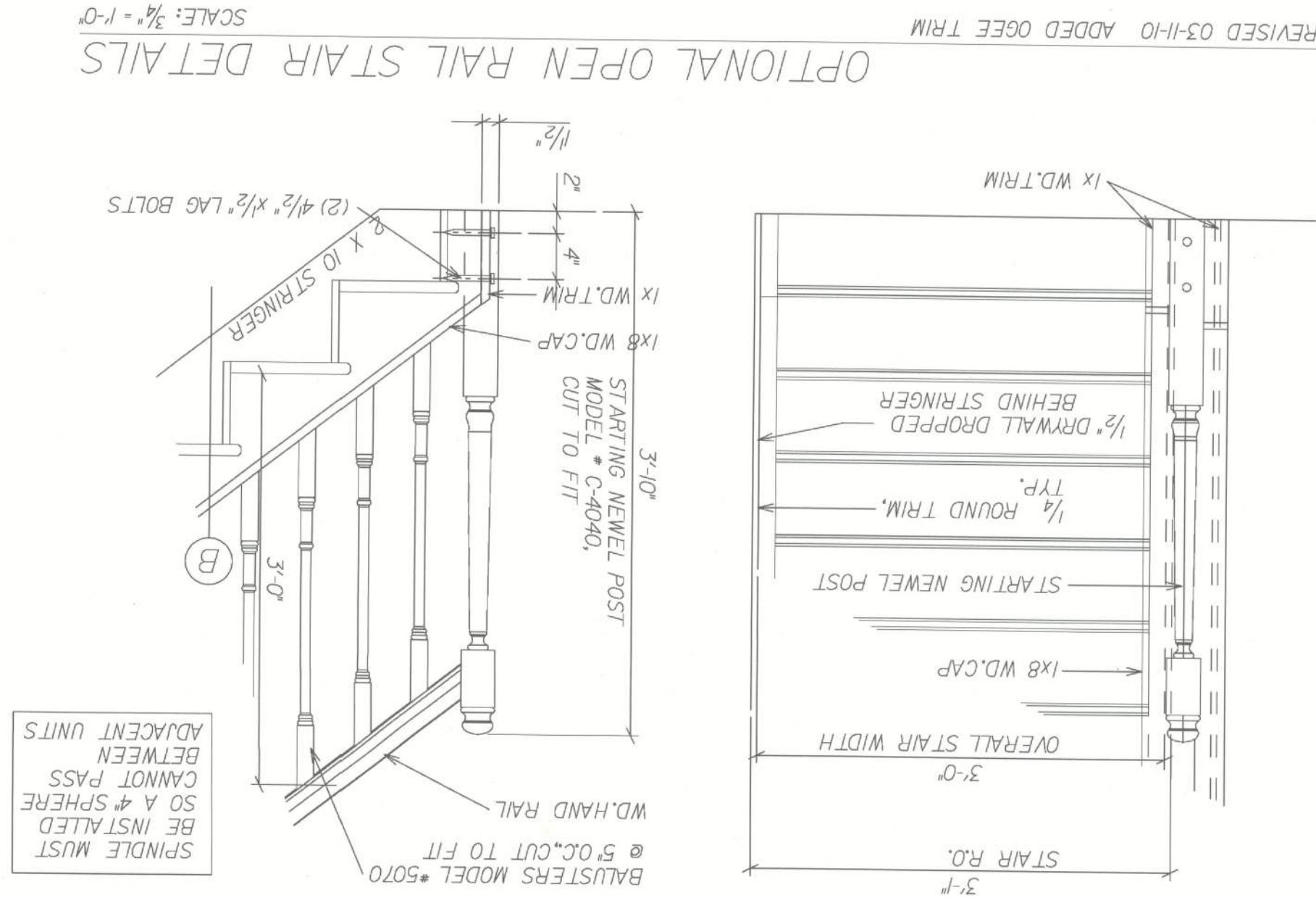
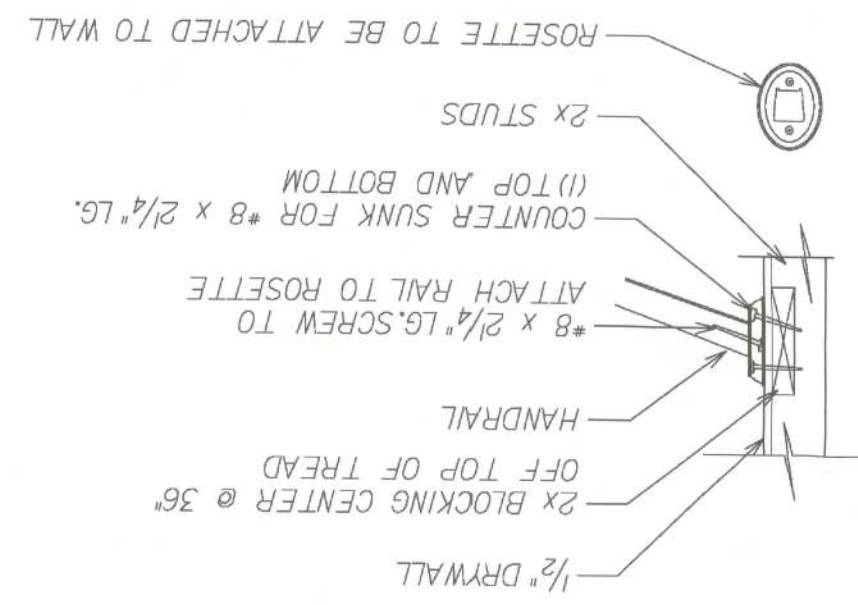
OPTIONAL WOOD RAILING AND SPINDELS IN LIEU OF 42" DRYWALL SLOPED WALL



SECTION B

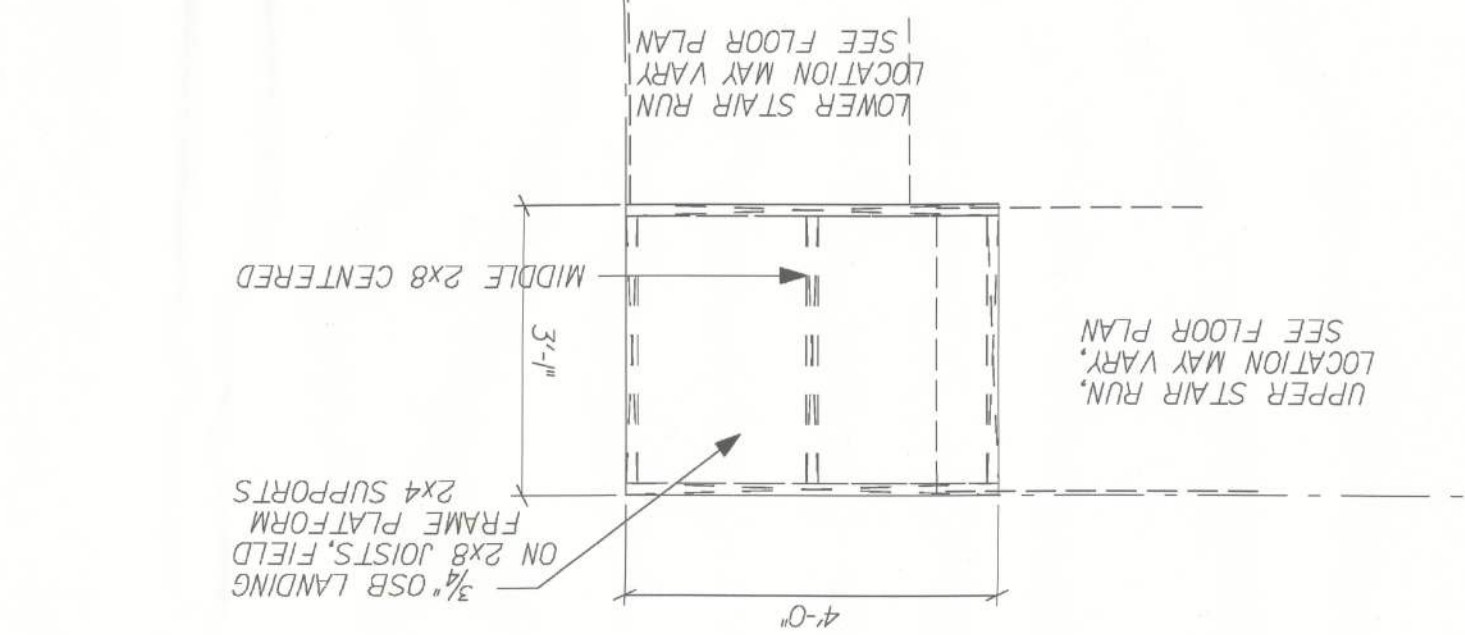


RAIL ATTACHMENT TO WALL

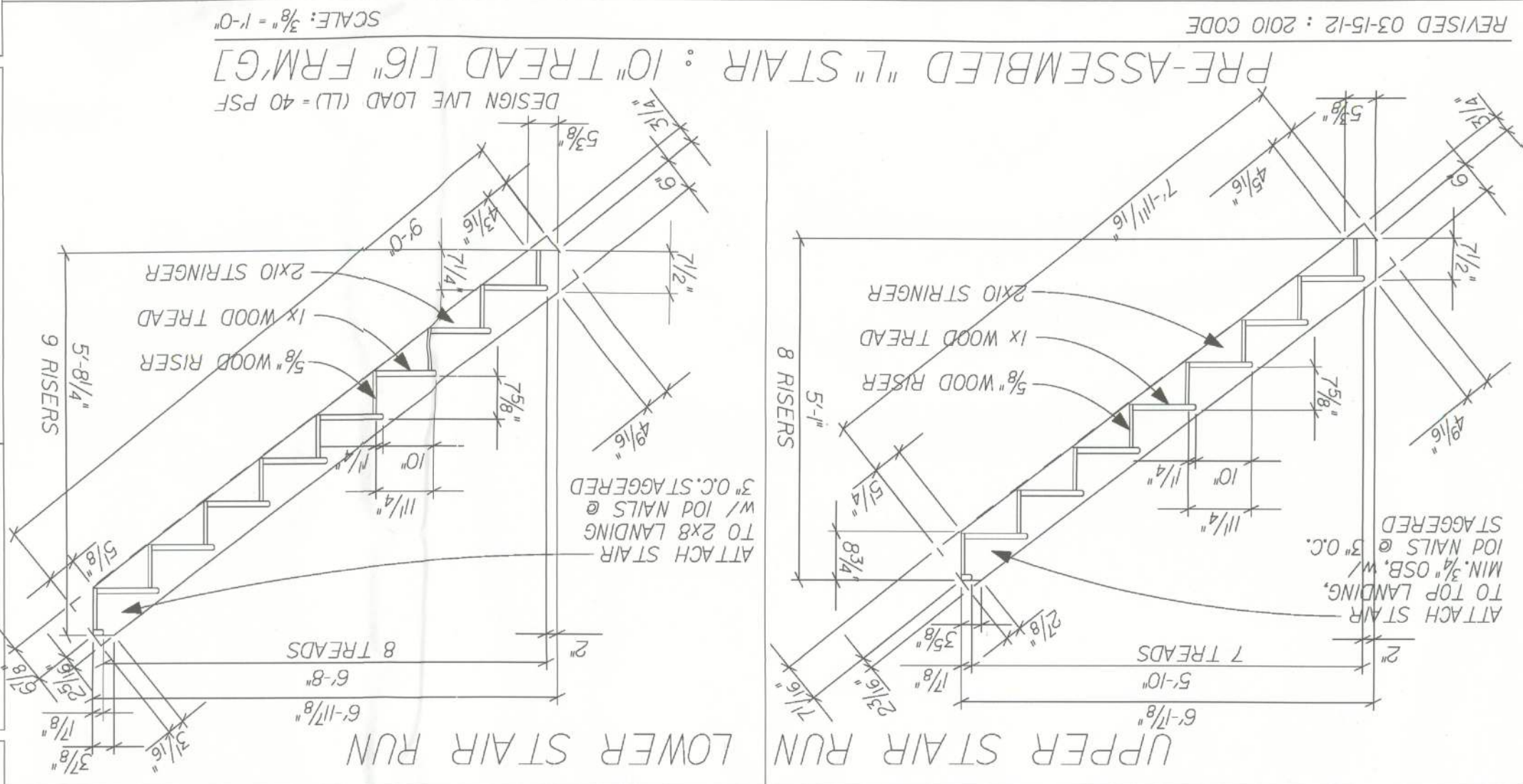


SCALE: $\frac{3}{4}'' = 1'-0''$

REVISED 03-11-10 ADDED 06EE TRIM

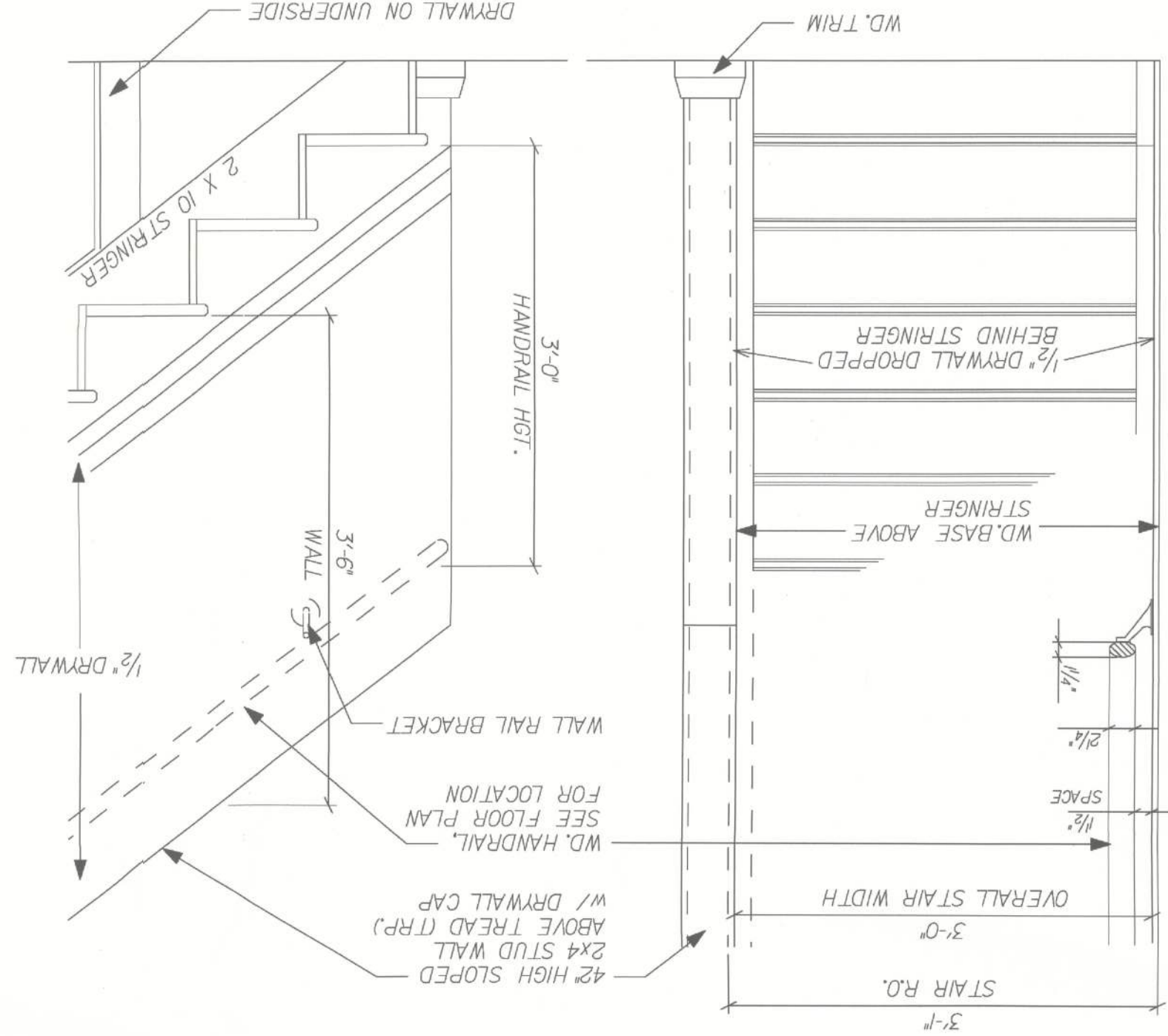


STAIR LANDING



REVISED 03-15-12 : 2010 CODE

PRE-ASSEMBLED "L" STAIR : 10" TREAD [16" FRM'G]



NOTE:
SECTION R311.5.6.2 HANDRAIL ENDS
SHALL BE RETURNED TO WALL
REVISED 11-12-07
ADDED WOOD BASE ABOVE STRINGER

STANDARD STAIR W/ 42" HIGH WALL

SCALE: $\frac{3}{4}'' = 1'-0''$

16" FRM'G	17 RISER : " L" STAIR
-----------	-----------------------

STAIR DETAILS

RELEASE DATE:

GARAGE:

5:51:53

STP

SHEET:

Thomas Ponce MSCE, PE
FL PE, LIC.#50068

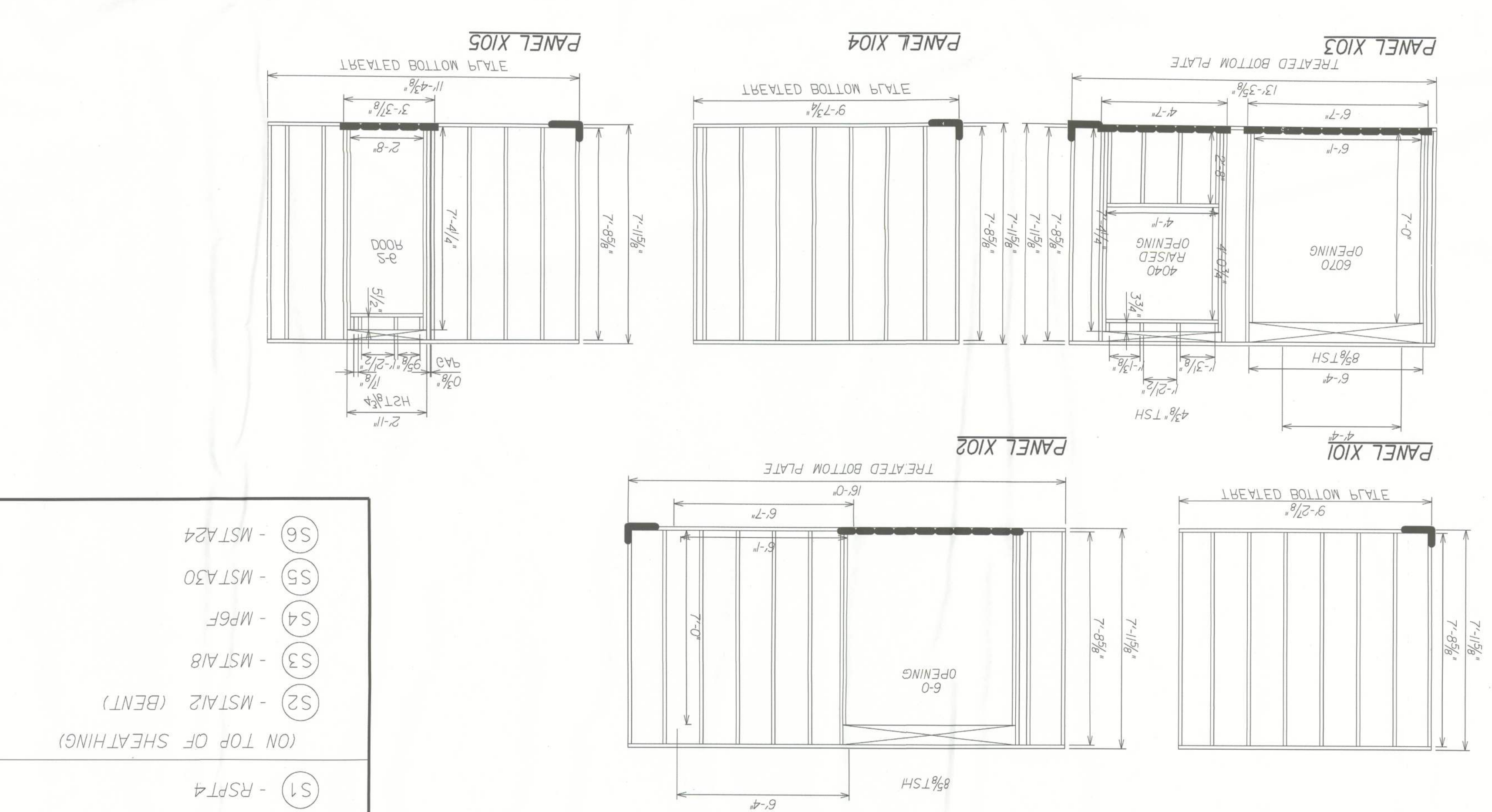
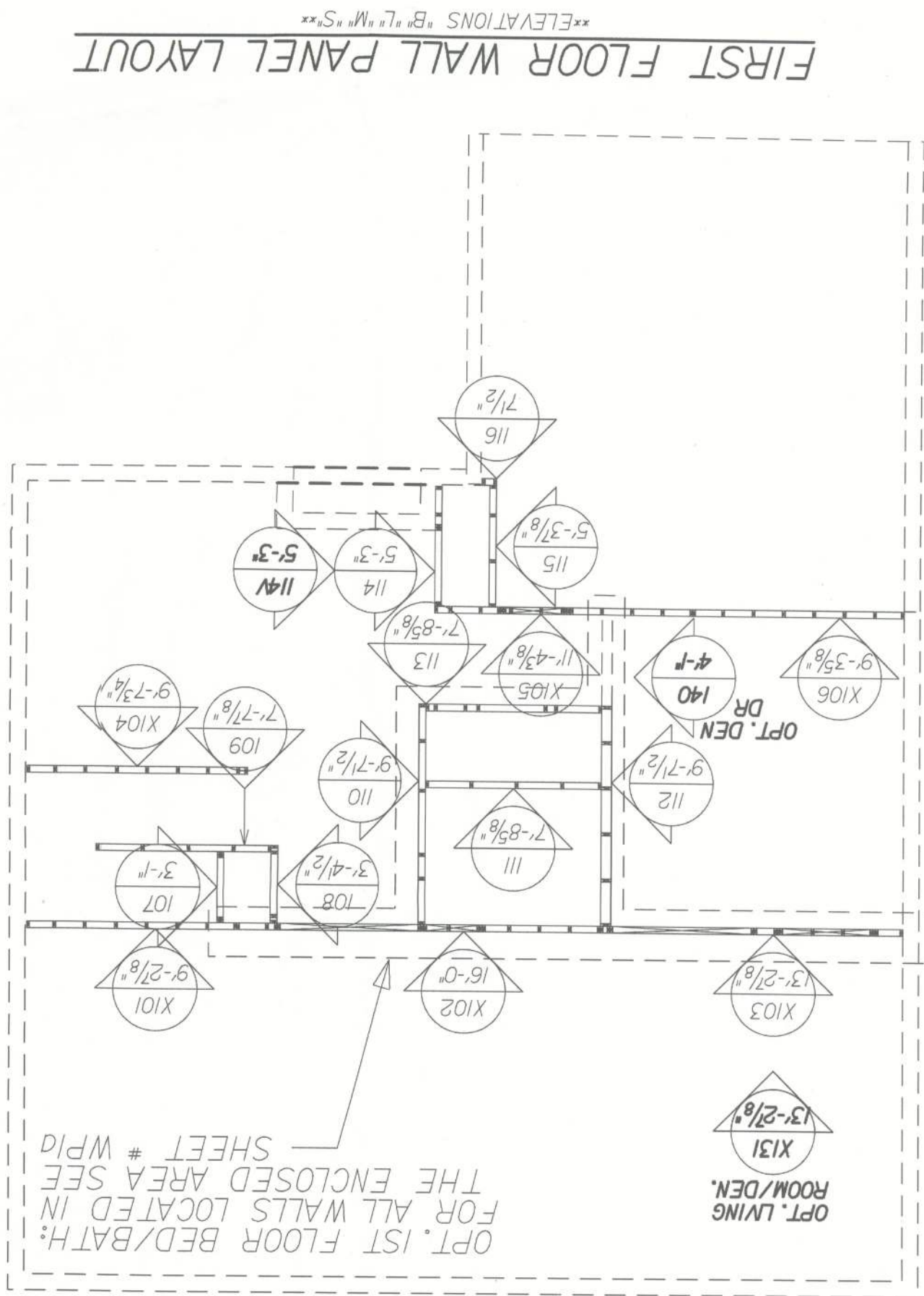
PLOT DATE: 26 MAR 2012

FLORIDA
THIS STRUCTURE WAS DESIGNED
IN ACCORDANCE AND MEETS THE
REQUIREMENTS OF SECTION
803.0 OF THE FLORIDA BUILDING
CODE 2010 - RESIDENTIAL. ALL
LOADS EXPOSURE B ENCLOSED
TO WITHSTAND ALL APPLICABLE
DESIGNED WIND SPEED
V=160 MPH
V=124 MPH
V=105 MPH

Maronda Homes

REVISIONS :

03-15-12 REV. CODE INFORMATION



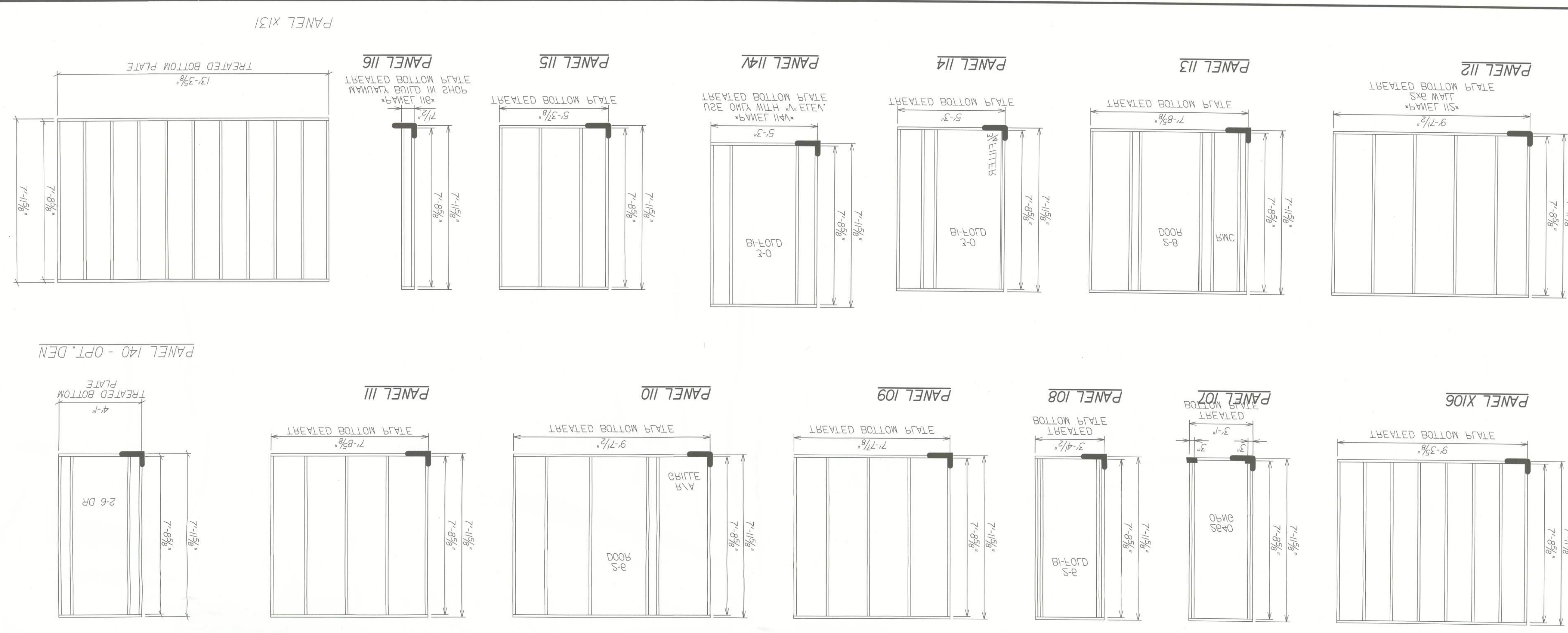
WALL STRAP KEY

(S1) - RSPT 4 (UNDER SHEATHING)	(S2) - MSTA12 (BENT)	(S3) - MSTA18	(S4) - MP6F	(S5) - MSTA30	(S6) - MSTA24
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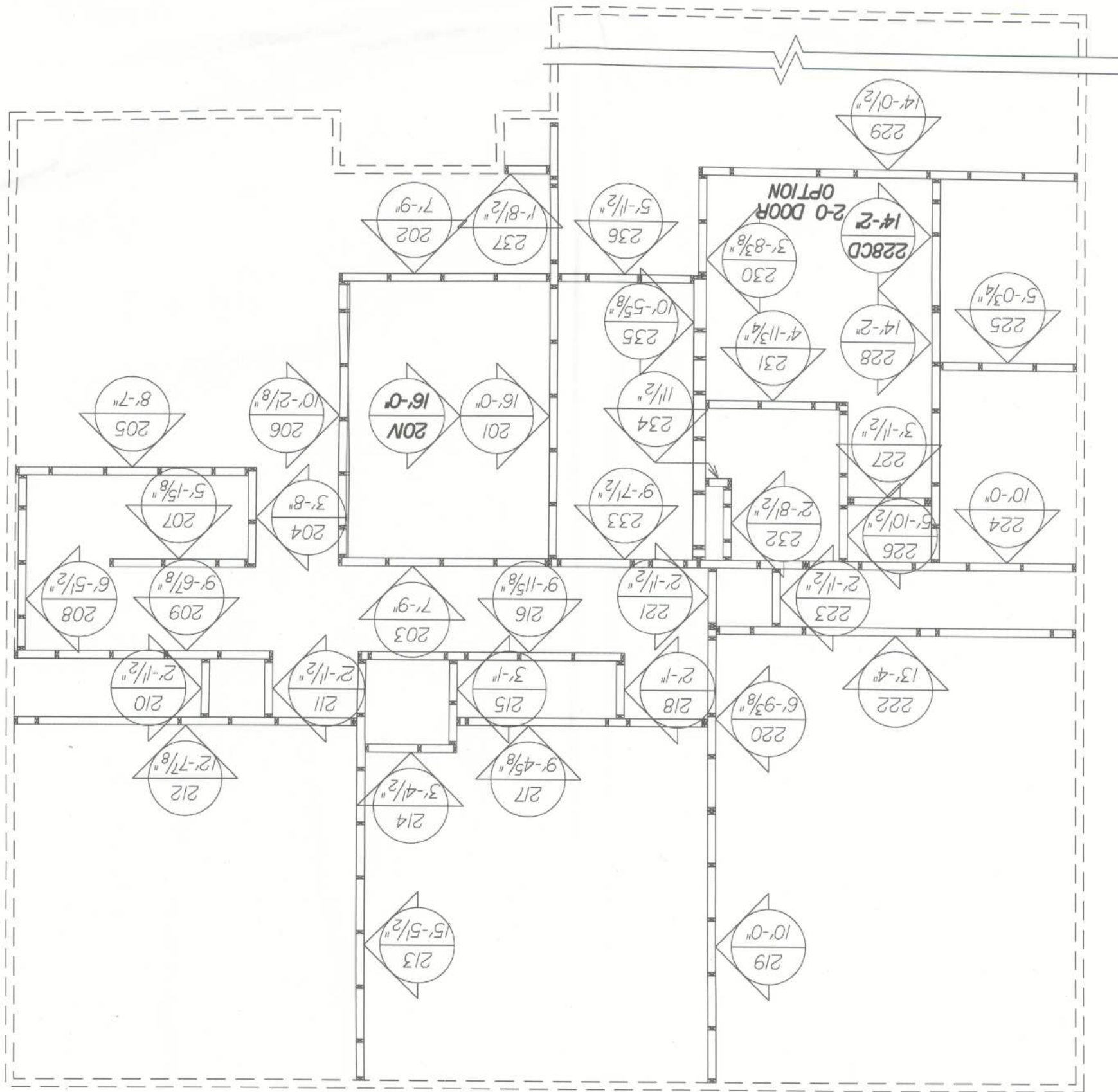
REVISIONS :
04/18/11 REV. ADDED WALL PANEL NOTE

Maronda Homes
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(407) 321-0064 4005 MARONDA WAY SANFORD, FLORIDA

AMERICANA WALL PANEL LAYOUT
BARBURY
ALL ELEVATIONS
DRAWN BY: BURLIN GARAGE: LEFT
RELEASE DATE: 04/10/09



WPI
SHEET:
PLOT DATE: 31 AUG 2011

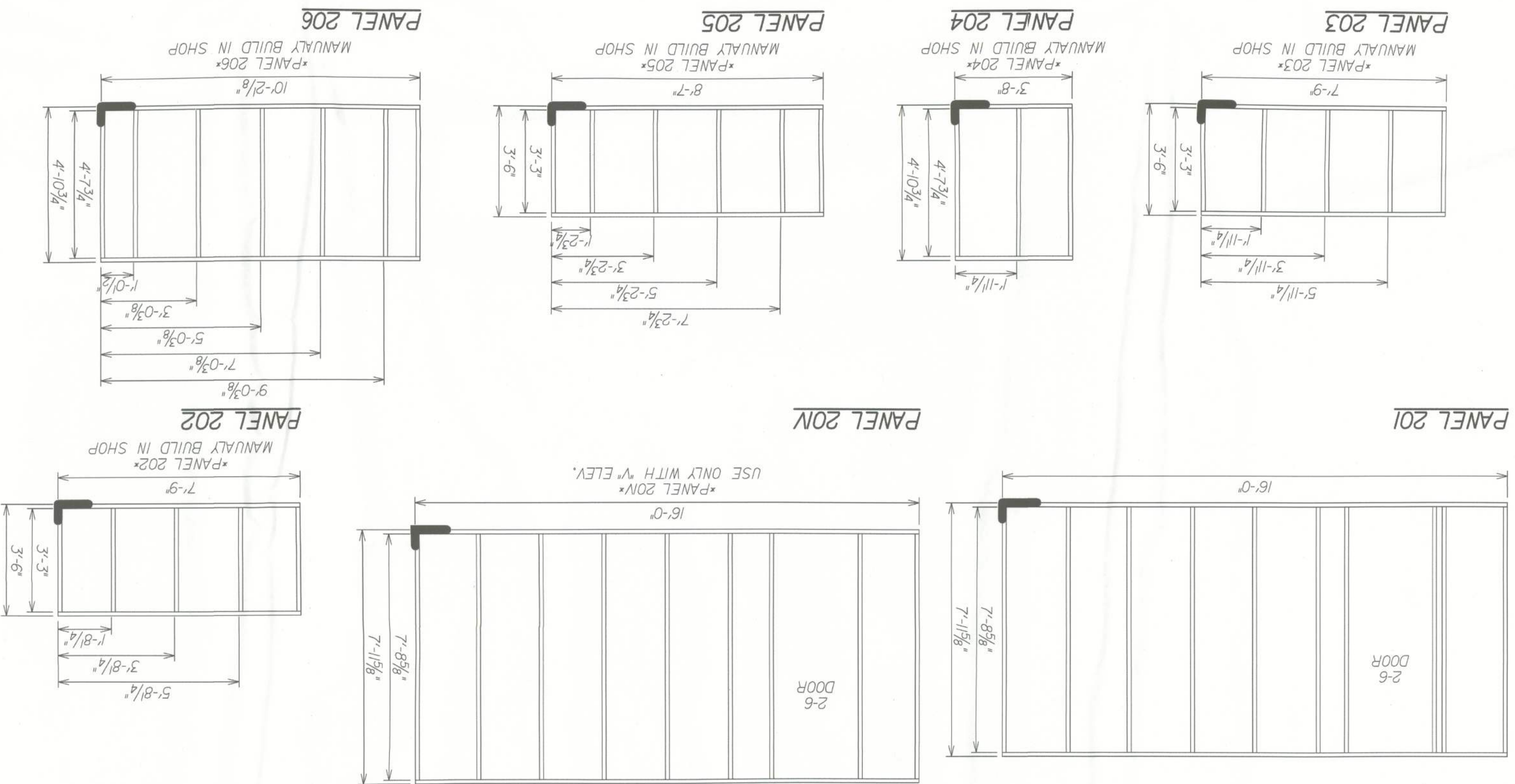
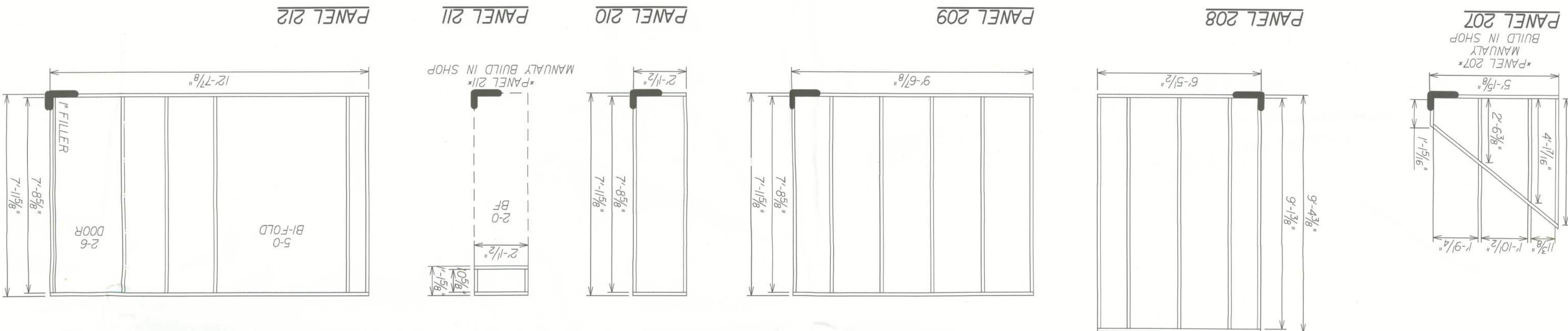
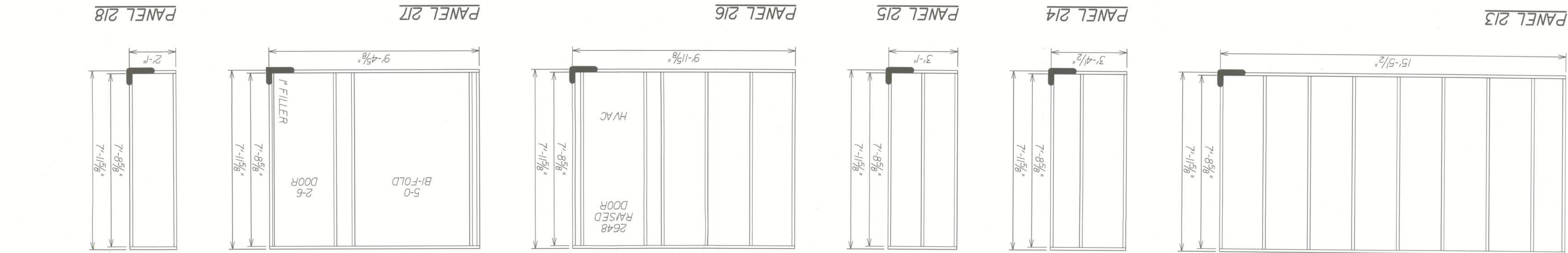


SECOND FLOOR INTERIOR WALL PANEL LAYOUT

ALL ELEVATIONS**

FRONT OF HOUSE

SEE SHEETS WP2 & WP21
EXTERIOR WALLS:



WP3
SHEET:

AMERICANA WALL PANEL LAYOUT
BAYBURY
ALL ELEVATIONS
DRAWN BY: BUREW
RELEASE DATE: 04/10/09
GARAGE, LEFT

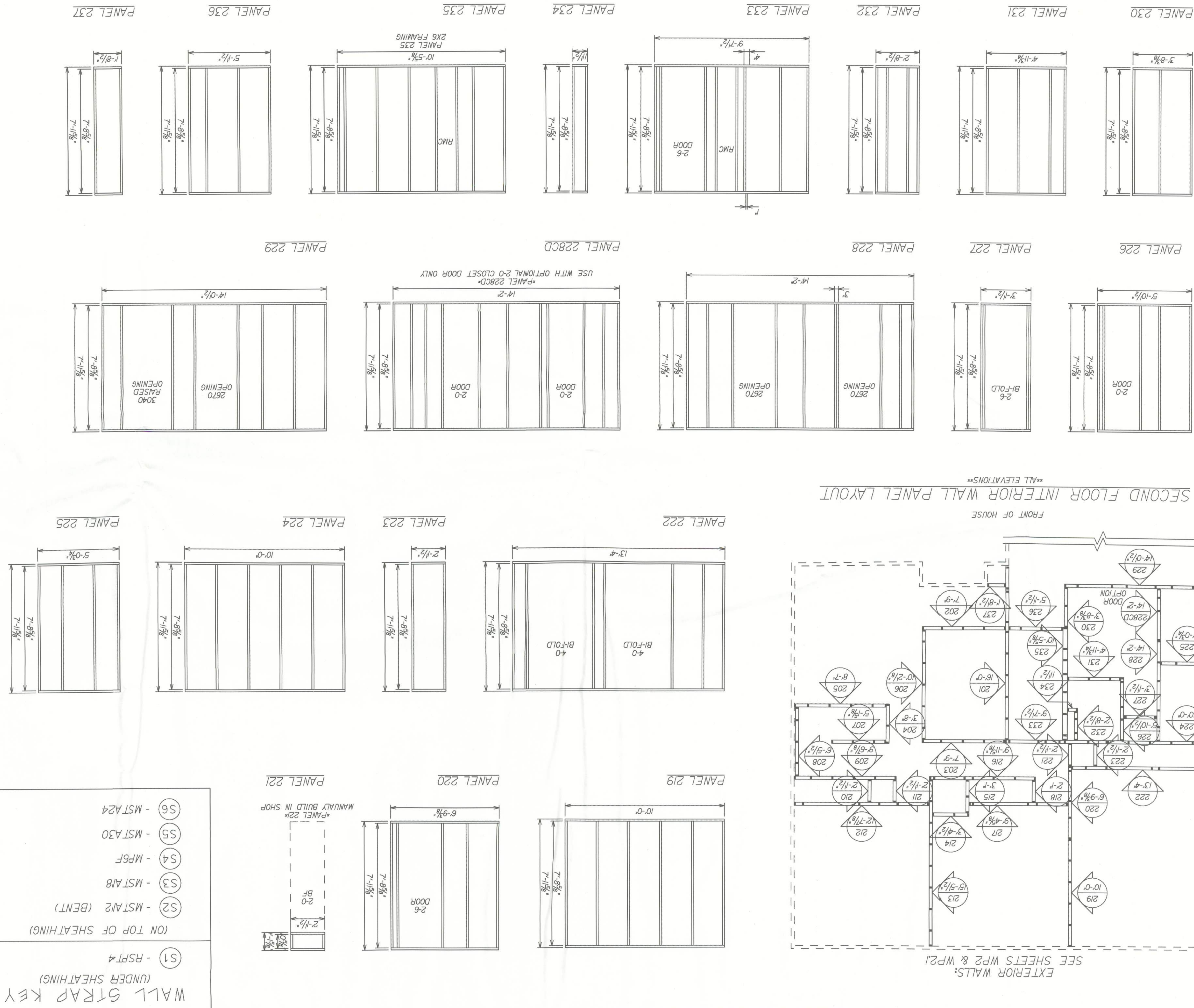
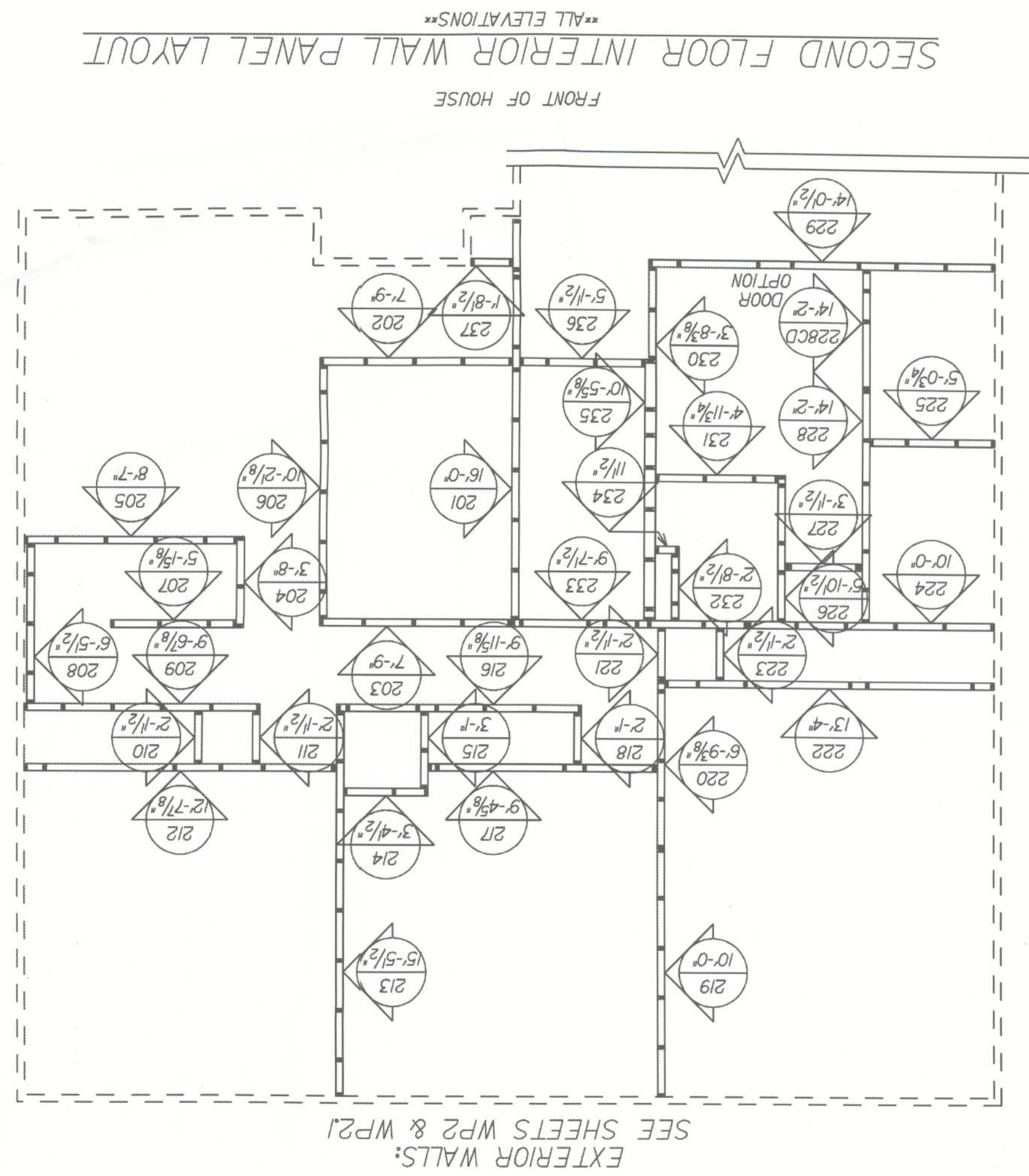
Maronda Homes
4005 MARONDA WAY
SANFORD, FLORIDA
32759
407 321-0064

REVISIONS:
08/03/09 REVISED TO 92% STUDS MMH
08/20/09 SLOPED PANEL FIELD BUILT
09/18/09 PHL 201 TO BE SHOP BUILT
10/30/09 REMOVED ALL LADDER BLOCKING
03/15/10 COMBINED TITLEBLOCK
TO ELIMINATE "V" TITLEBLOCK
07/30/10 REMOVED SUB ASSEMBLIES

PLOT DATE: 31 AUG 2011

135010

g:\mco\houses\1\baybury\baybur Ver1\330.dwg 2nd Lin Imp23



WALL STRAP KEY

(ON TOP OF SHEATHING)

(S2) - MSTA112 (BENT)

(S3) - MST A/8

(S4) - MP6F

(S5) - MST A30

(S6) - MST A24

REVISIONS :

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MARONDA Homes
Maronda Homes
4005 MARONDA WAY
SANFORD, FLORIDA
(407) 321-0064

ANA WALL PANEL LAYOUT

DRAWN BY: BURLIEW
RELEASE DATE: 04/10/09

15:56:55

PLOT DATE: 29 MAR 2011

WP3.1
SHEET:

*



05-06

REVIEW

P.
FTG

50-8

02-05

REVIEW

1

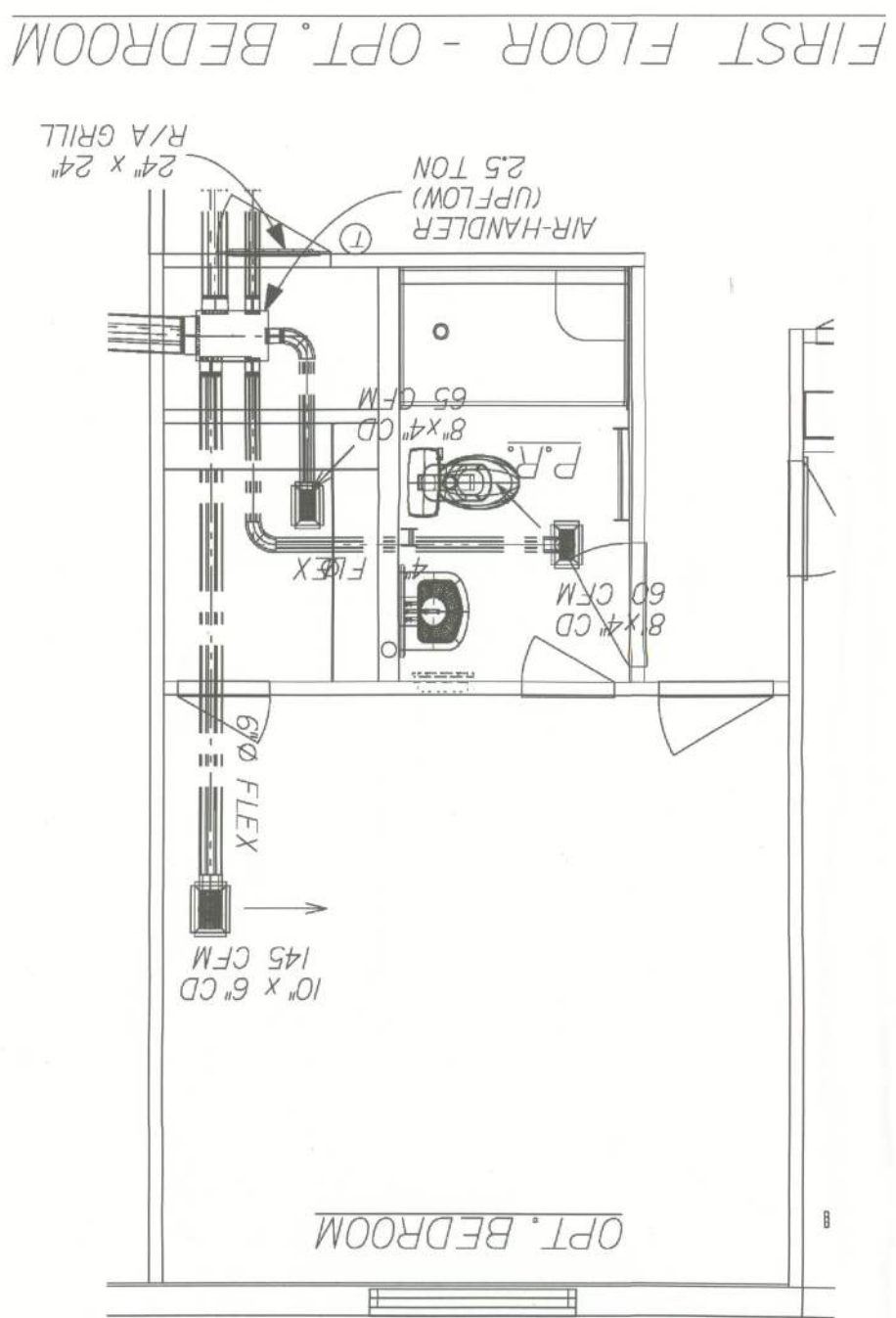
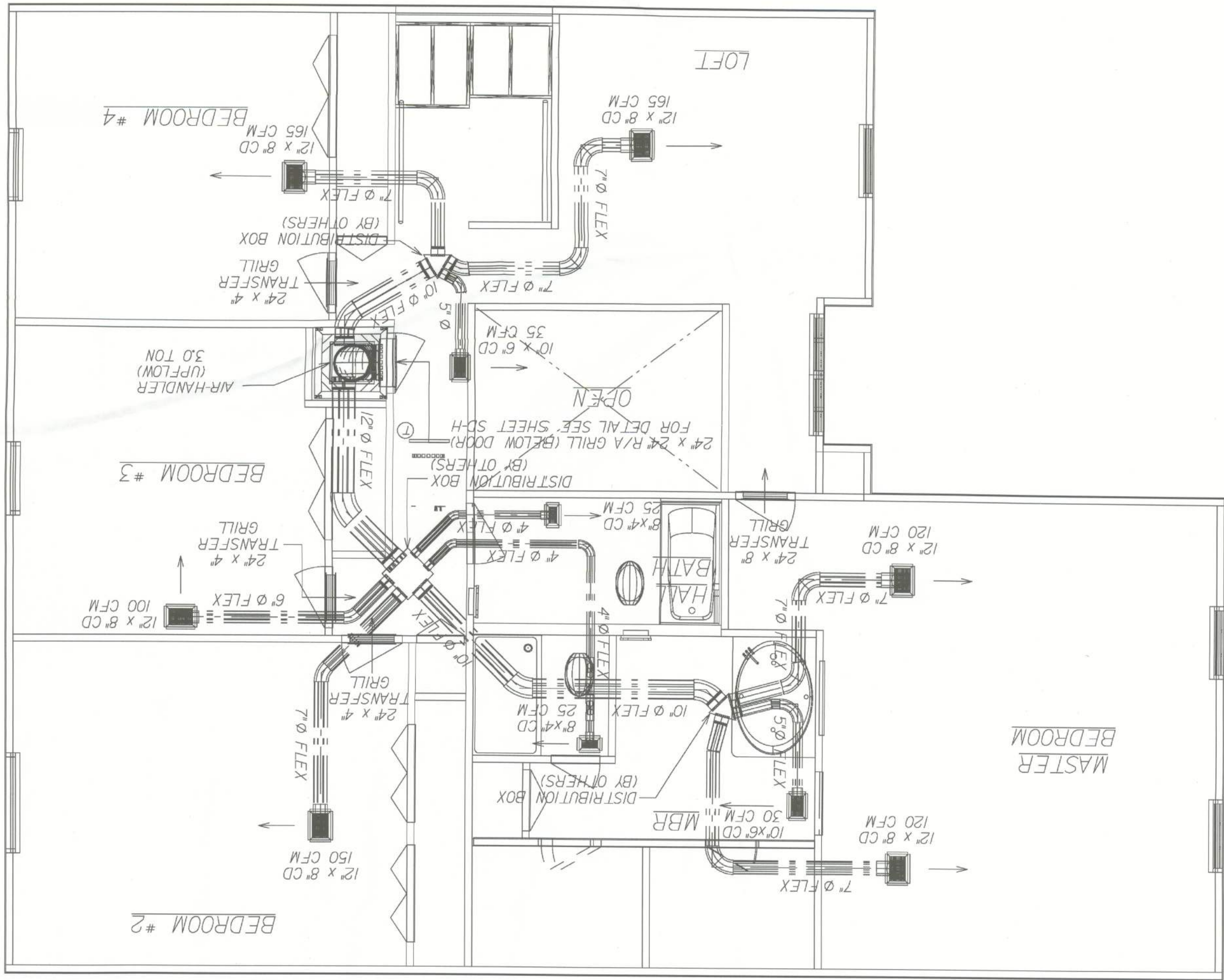
10

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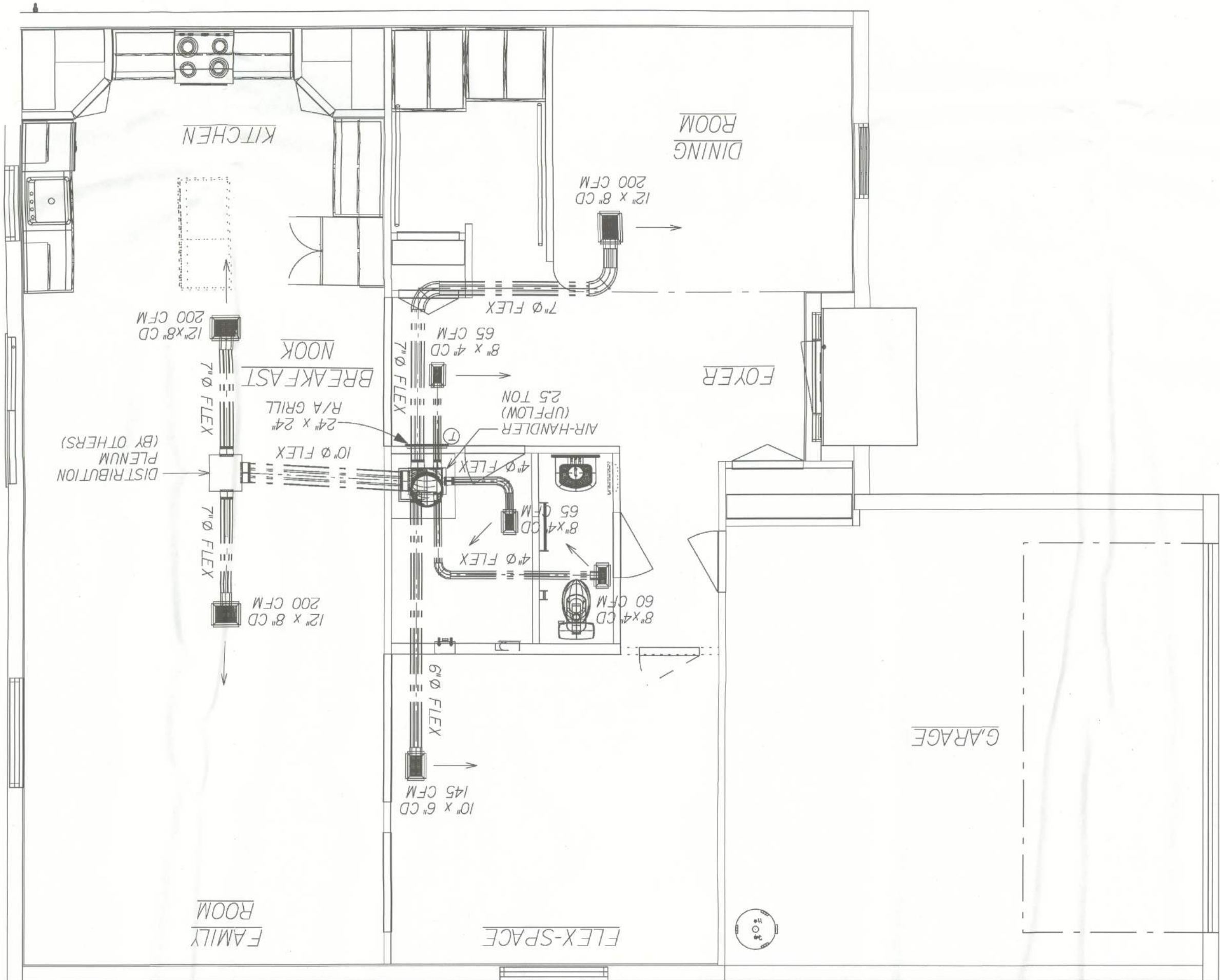
4

GENERAL MECHANICAL NOTES:
ALL TAPES, CONNECTORS AND MASTIC USED WILL BE UL-181 APPROVED.
SEE ELECTRICAL PLANS FOR EXHAUST FAN LOCATIONS IN BATH AREAS.
SEE FLOOR PLAN FOR CLOTHES DRYER TRANSFER GRILLES @ HABITABLE ROOMS.
M16024 BALANCED RETURN AIR, CENTERED ABOVE DOORWAYS ON BOTH SIDES OF DOOR, PASS THRU GRILLE.
INTERIOR DOOR ELEVATION

SECOND FLOOR - HVAC LAYOUT
3.0 TON
TEMPSTAR FEM2X3600 14 SEER
5 KW
BRAEBURN 5200 PROGRAMMABLE
BROAN 671 (70 CFM)
SIZE OF REDUCTION BOXES (DB6-16X14X16X12X15)
SIZE OF TRIANGLES (15X15X15X15)
EXT. STATIC .60 935 CFM L
ALL TAPES, CONNECTORS, AND MASTIC USED WILL BE UL-181 APPROVED



FIRST FLOOR - HVAC LAYOUT
2.5 TON
TEMPSTAR FSM2X3000 14 SEER
5 KW
BRAEBURN 5200 PROGRAMMABLE
BROAN 671 (70 CFM)
SIZE OF REDUCTION BOXES (DB6-16X14X16X12X15)
SIZE OF TRIANGLES (15X15X15X15)
EXT. STATIC .60 935 CFM L
ALL TAPES, CONNECTORS, AND MASTIC USED WILL BE UL-181 APPROVED



SHEET: HVA

HVAC MECHANICALS
BABURY
4 BEDROOM
GARAGE: LEFT
DRAWN BY:
RELEASE DATE:

FLORIDA
THIS STRUCTURE WAS DESIGNED IN ACCORDANCE AND MEETS THE REQUIREMENTS OF SECTION 903.0 OF THE FLORIDA BUILDING CODE 2010. RESIDENTIAL ALL CONNECTORS HAVE BEEN CHECKED TO WITHSTAND ALL APPLICABLE LOADS, EXPOSURE B, ENCLOSED BUILDING AND RISK CATEGORY II.
DESIGNED WIND SPEED
V_{WSD} = 124 MPH
V_W = 160 MPH

Maronda Homes
4005 MARONDA WAY
SANFORD, FL 32771
(407) 321-0064

REVISIONS:
07-27-05 REV. TRANS. GRILL TO 24" X 8" MBR.
11-01-05 REMOVED ENG'S NOTE
05-31-06 REV. HTG/LISTS T.L.T.
11/17/06 COMPLETE 13 SEER UPDATE T.J.M
06/14/11 ADDED OPT. 1ST FLR BED

PRODUCT APPROVAL INFORMATION SHEET FOR FLORIDA

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and product approval number(s) for the building components listed below as applicable to the building construction project for the permit number listed above. You should contact your product supplier if you do not know the product approval number for any of the applicable listed products. Information regarding statewide product approval may be obtained at: www.floridabuilding.org.

REVISED 7-13-2011

Project Name: _____
Project Address: _____
Permit # _____

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	APPROVAL #	Design Pressures
A. EXTERIOR DOORS					
1. Swinging	Plastro Inc. / Nanya Plastics Corp.	Fiberglass Dr Single	Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ACSE 7 Minimum Design Loads for Building and Other Structures.	FL 15213.1	+65 / -70
	Fiberglass Dr w/ Sidelite			FL 15213.4	+50 / -50
	Fiberglass Dr w/ Dbl Sidelites			FL 15213.5	+50 / -50
	Fiberglass Dr Single			FL 15215.1	+50 / -50
	Fiberglass DBL Fr Dr Glazed			FL 15215.4	+50 / -50
2. Sliding	MI Windows &	420/430/440 Aluminum Sliding Glass Door	Windows have not been evaluated for use in High Velocity Hurricane Zones.	FL 11956	+35 / -35
3. Sectional	Wayne Dalton Corp.	Garage Doors 9100 / 5120	As indicated in evaluation report and installation drawings. Not to be used in HVHZ.	FL 9174.3 FL 9174.1 FL 9174.6 FL 9174.5	+25.9 / -28.8 +26.9 / -30.8 +39.2 / -43.7 +43.2 / -49.6
4. Roll up					
B. WINDOWS					
1. Single hung	MI Windows & Doors	Series 740/3740	53" x 76" Max Windows have not been evaluated for use in High Velocity Hurricane Zones.	FL 11827	+45 / -45

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	APPROVAL #	Design Pressures
2. Horizontal slider	MI Windows & Doors	Series 188	62" x 73" OX Max Windows have not been evaluated for use in High Velocity Hurricane Zones.	FL 15351-R1	+55 / -55
5. Fixed	MI Windows & Doors	Series 740/3740	73" x 71" Max Windows have not been evaluated for use in High Velocity Hurricane Zones.	FL 11825	+45 / -45
7. Pass-through					
8. Projected					
9. Mullion	MI Windows & Doors	Mullion	Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ACSE 7 Minimum Design Loads for Building and Other Structures.	FL 15353.3 FL 13402.2 FL 15353.6 FL 15353.7	N/A
10. Wind breaker					
11. Dual action					
12. Other					
C. PANEL WALL					
1. Siding	James Hardie Building Products, Inc.	HardiePlank Lap Siding (Composite fiber-cement Siding)	Approved for use in HVHZ and outside HV/AZ. Impact resistant	FL 13192	N/A
	CertainTeed Corp.	CertainTeed Vinyl Siding	Not approved for use in HVHZ. Used for exterior cladding only.	FL 1573	+N/A/-91
2. Soffit	ALUMINUM COILS INC.	16" FULL VENT	For use as soffit only. Not for use in HVHZ.	FL 12194-R1	+48.0/64.2
D. ROOFING PRODUCTS					
1. Asphalt shingles	Owens Corning	Asphalt Shingle	This Approval not for use in the HVHZ. All FBC sections that apply to counties except Broward and Miami-Dade Must be followed.	FL 10674-R6	N/A
	Certain Teed Corp.	Asphalt Shingle	This Approval not for use in the HVHZ. All FBC sections that apply to counties except Broward and Miami-Dade Must be followed.	FL 5444-R4	N/A
2. Concrete Roof Tile	Entegra Roof Tile Inc	Concrete Roof Tile	This Approval not for use in the HVHZ. All FBC sections that apply to counties except Broward and Miami-Dade Must be followed.	FL 7804-R6	N/A

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	APPROVAL #	Design Pressures
2. Underlayments	WOODLAND INDUSTRIES, INC.	15# Felt Paper Underlayment	For use under discontinuous roofing systems with slopes greater than 2:12. Not to be used in HVHZ.	FL 1814-R6	N/A
4. Nonstructural metal roof					
5. Built-up roofing					
6. Modified bitumen	Polyglass USA	Two layer torch down	The max design pressure for the selected assembly shall meet or exceed the Zone 1 with FBC chapter 16.	FL 1654-R10	+N/A / -622.5
7. Single ply roofing					
8. Roofing tiles					
9. Roofing insulation					
11. Wood shingles/shakes					
12. Roofing slate					
13. Liquid applied roofing					
14. Cement-adhesive					
15. Roof tile adhesive					
16. Spray applied polyurethane roof					
17. Roof vents					
E. SHUTTERS					
1. Storm Panels	ASI Building Products	.018" Galvanized Steel Storm Panels	This product may only be installed on concrete, hollow concrete block or wood substrates. This product is NOT suitable for installation in the High Velocity Hurricane Zone or Basic Wind Speed > 140.	FL 15076.2	N/A
KD STORM PANEL	KD Manufacturing			FL 2773-R3	N/A

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	APPROVAL #	Design Pressures
F. STRUCTURAL COMPONENTS					
Wood connector/anchor	United Steel Products	Anchors, Hangers Etc. Structural Components	Subject to limitation and installation instructions specified in NOA 05-0105.05.	FL578-R3, FL817-R3 FL820-R3, FL821-R3 FL822-R3 FL1247-R2 FL2033-R3 FL5631-R2 FL6223-R2 FL10739-R1 FL11664-R1 FL11740-R1 FL13170-R1 FL13285-R1 FL14500-R1 FL15143 FL15456 FL15458	
2. Truss plates	Mitek Industries Inc.	Truss Connectors	No Limitation of Use.	FL 2197 R4	N/A
3. Engineered lumber	Weyerhaeuser	Floor components	NO HVHZ	FL 6527-R5 FL 1630-R7	
5. Coolers-freezers					
6. Concrete admixtures					
7. Material					
8. Insulation forms					
9. Plastics					
10. Deck-roof					
11. Wall					
12. Sheds					
13. Other	Powers Steel Inc.	PSbox8	Lintels shall not exceed the allowable design load and spans. The lintels shall not be used in a fire resistant rated assembly. A proper barrier is required when using concrete lumber products in contact with steel lintels. Not for use in HVHZ Miami or Broward counties at this time.	FL 5450-R2 FL 11383-R1 FL 3119-R3	N/A
G. SKYLIGHTS					
1. Skylight					
2. Other					
H. NEW EXTERIOR ENVELOPE PRODUCTS					
2.					

In addition to completing the above list of manufacturers, product description and State approval number for the products used on this project, it is the Contractor's or Authorized Agent's responsibility to have a legible copy of each manufacturer's printed instructions, along with the list above, on the job site available to the inspector. The products listed below did not demonstrate product approval at time of plan review. I understand that before these products can be inspected, they must be submitted for review for code compliance and approved by a Plans Examiner. This form will be revised to include each new product in the categories listed above and will be highlighted to indicate the new products and required information.

Authorized Project Agent:
(Contractor or Design Professional) (Print Name) _____ (Signature) _____
Company Name: _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone Number: () _____ Fax Number: () _____
Cell Phone Number: () _____ E-mail Address: _____

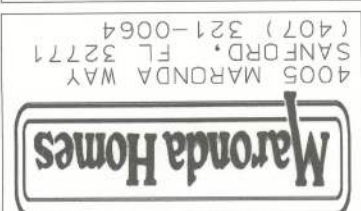
Florida Product Approval

DESIGNED BY: Fessia

DATE: 08/5/33

RELEASE DATE: 08/5/33

DESIGNED WIND SPEED
VAIL - 160 MPH
VAIL - 124 MPH
LOADS EXPOSURE B. ENCLOSED
CONNECTORS HAVE BEEN CHECKED
TO WITHSTAND ALL APPLICABLE
CODE 2010 - RESIDENTIAL, ALL
REQUIREMENTS OF SECTION
IN ACCORDANCE AND MEETS THE
THIS STRUCTURE WAS DESIGNED
FLORIDA

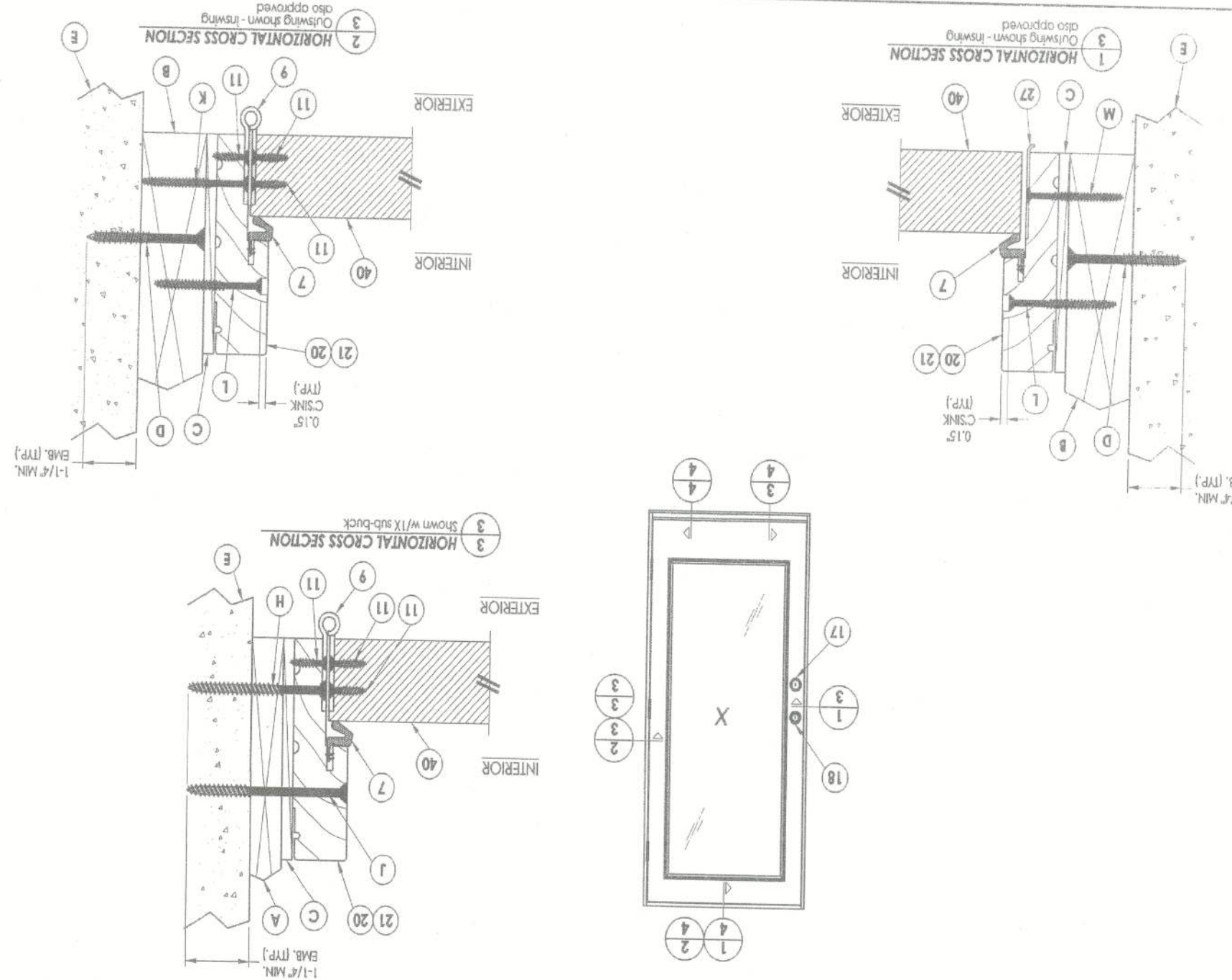
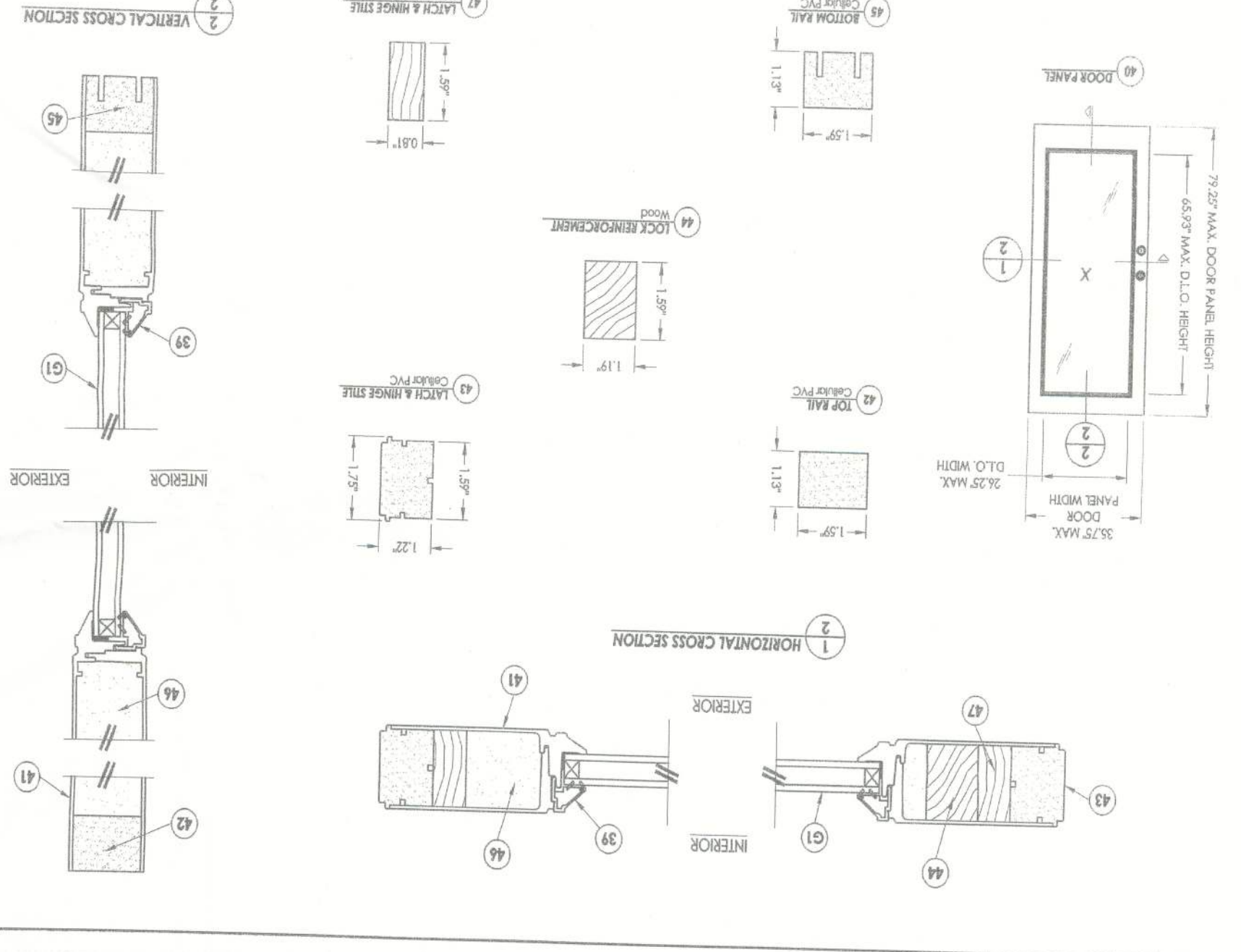
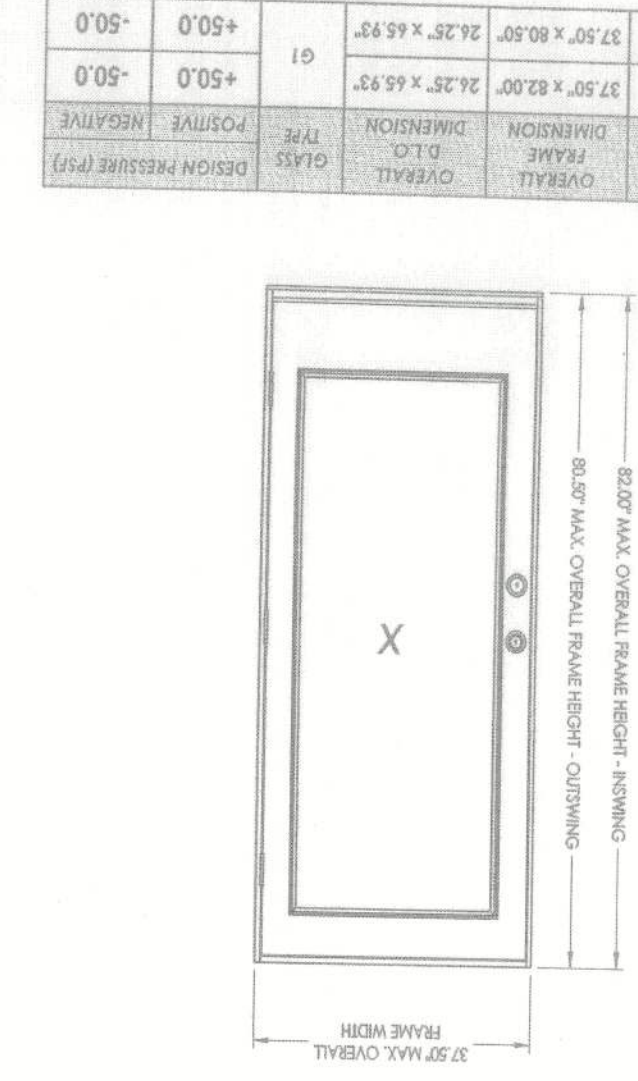


PRODUCT	REL. DATE
REVISIONS:	

Category/Subcategory	Manufacturer	Product Description	Limitation of Use	APPROVAL #	Design Pressures
2. Underlayments	WOODLAND INDUSTRIES, INC.	15# Felt Paper Underlayment	For use under discontinuous roofing systems with slopes greater than 2:12. Not to be used in HVHZ.	FL 1814-R6	N/A
4. Nonstructural metal roof					
5. Built-up roofing					
6. Modified bitumen	Polyglass USA	Two layer torch down	The max design pressure for the selected assembly shall meet or exceed the Zone 1 with FBC chapter 16.	FL 1654-R10	+N/A / -622.5
7. Single ply roofing					
8. Roofing tiles					
9. Roofing insulation					
11. Wood shingles/shakes					
12. Roofing slate					
13. Liquid applied roofing					
14. Cement-adhesive					
15. Roof tile adhesive					
16. Spray applied polyurethane roof					
17. Roof vents					
E. SHUTTERS					
1. Storm Panels	ASI Building Products	.018" Galvanized Steel Storm Panels	This product may only be installed on concrete, hollow concrete block or wood substrates. This product is NOT suitable for installation in the High Velocity Hurricane Zone or Basic Wind Speed > 140.	FL 15076.2	N/A
KD STORM PANEL	KD Manufacturing			FL 2773-R3	N/A

Technical drawing of a door with the following dimensions and labels:

- 23" MAX. OVERALL FRAME HEIGHT - FINISH** (Total height)
- 80" MAX. OVERALL FRAME HEIGHT - OPENING** (Opening height)
- 37" MAX. OVERALL FRAME WIDTH** (Total width)
- 37" MAX. OVERALL FRAME WIDTH** (Opening width)
- 23" MAX. OVERALL FRAME HEIGHT - FINISH** (Total height)
- 80" MAX. OVERALL FRAME HEIGHT - OPENING** (Opening height)

[illegible]

© 2012 B. N. BUSHONG DEVELOPING, INC.

DATE	REVISIONS	DATE	REVISIONS	DATE	REVISIONS	DATE	REVISIONS
12/15/12	1	12/15/12	1	12/15/12	1	12/15/12	1
12/15/12	2	12/15/12	2	12/15/12	2	12/15/12	2
12/15/12	3	12/15/12	3	12/15/12	3	12/15/12	3
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12/15/12	100	12/15/12	100	12/15/12	100	12/15/12	100

PLASTERING IN C. FIBERGLASS DOOR

PAINT OR ASSIMILATE

HORIZONTAL CROSS SECTIONS

BUSHONG DEVELOPING, INC.

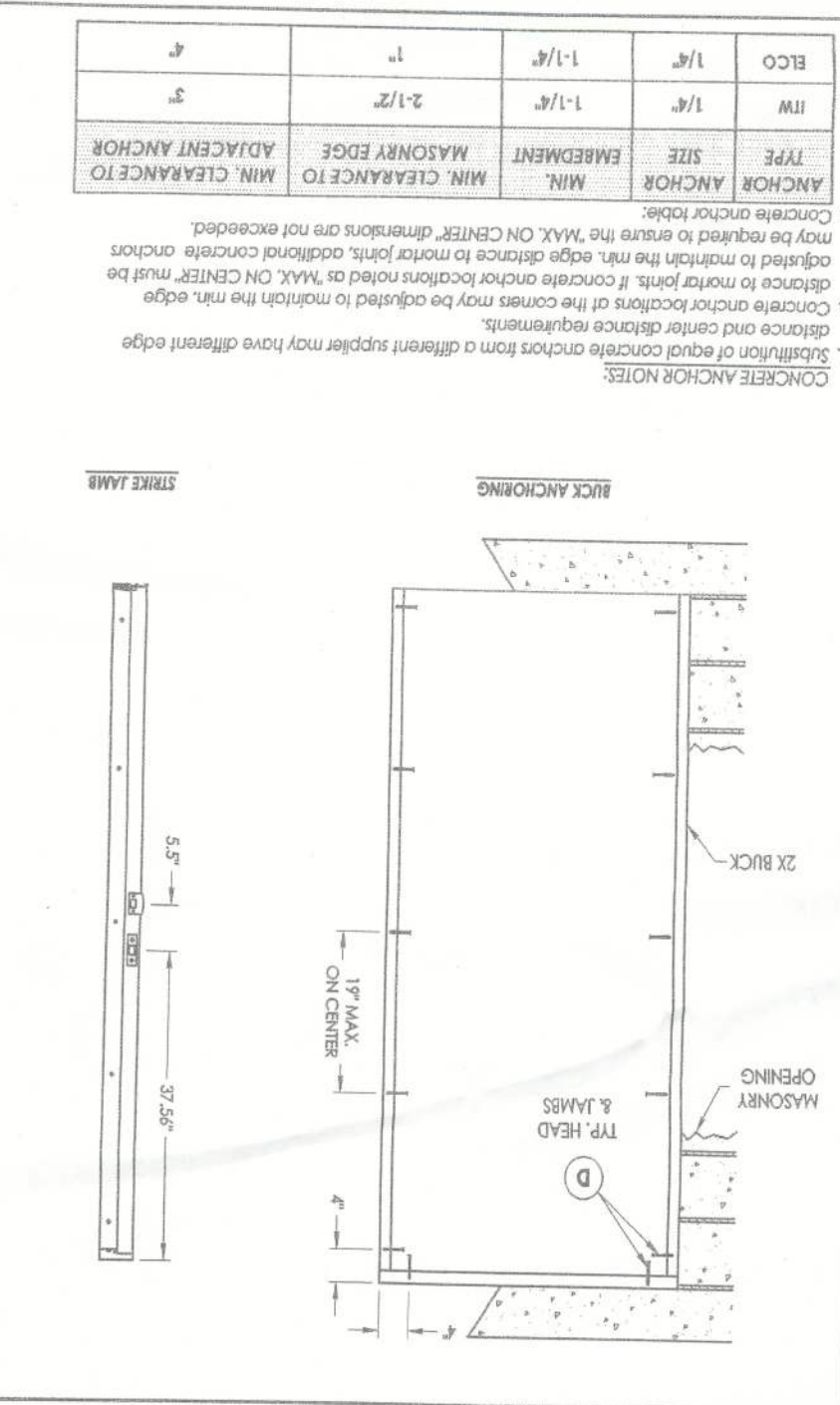
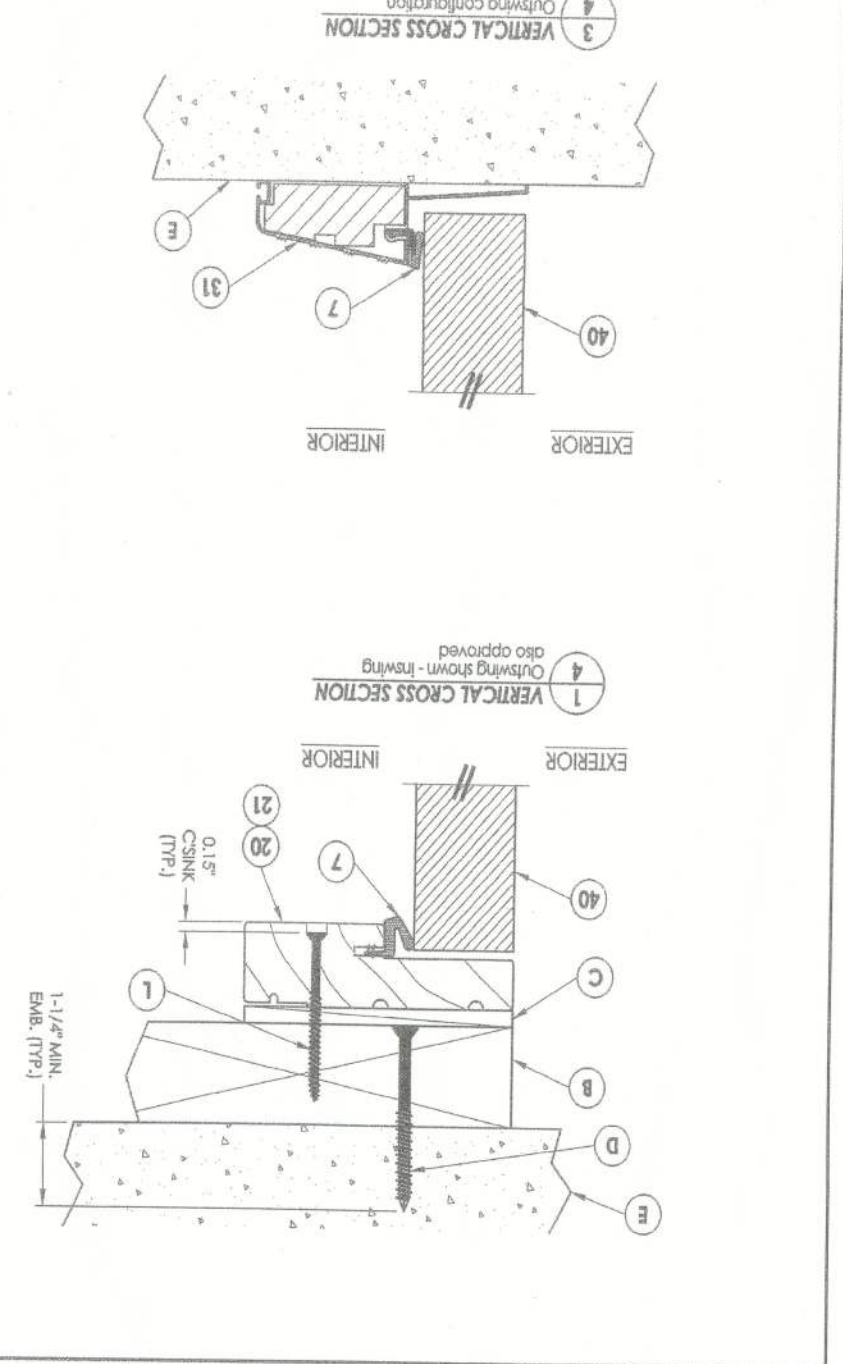
P.O. BOX 113000

PINE BLUFF, MS 39061-1300

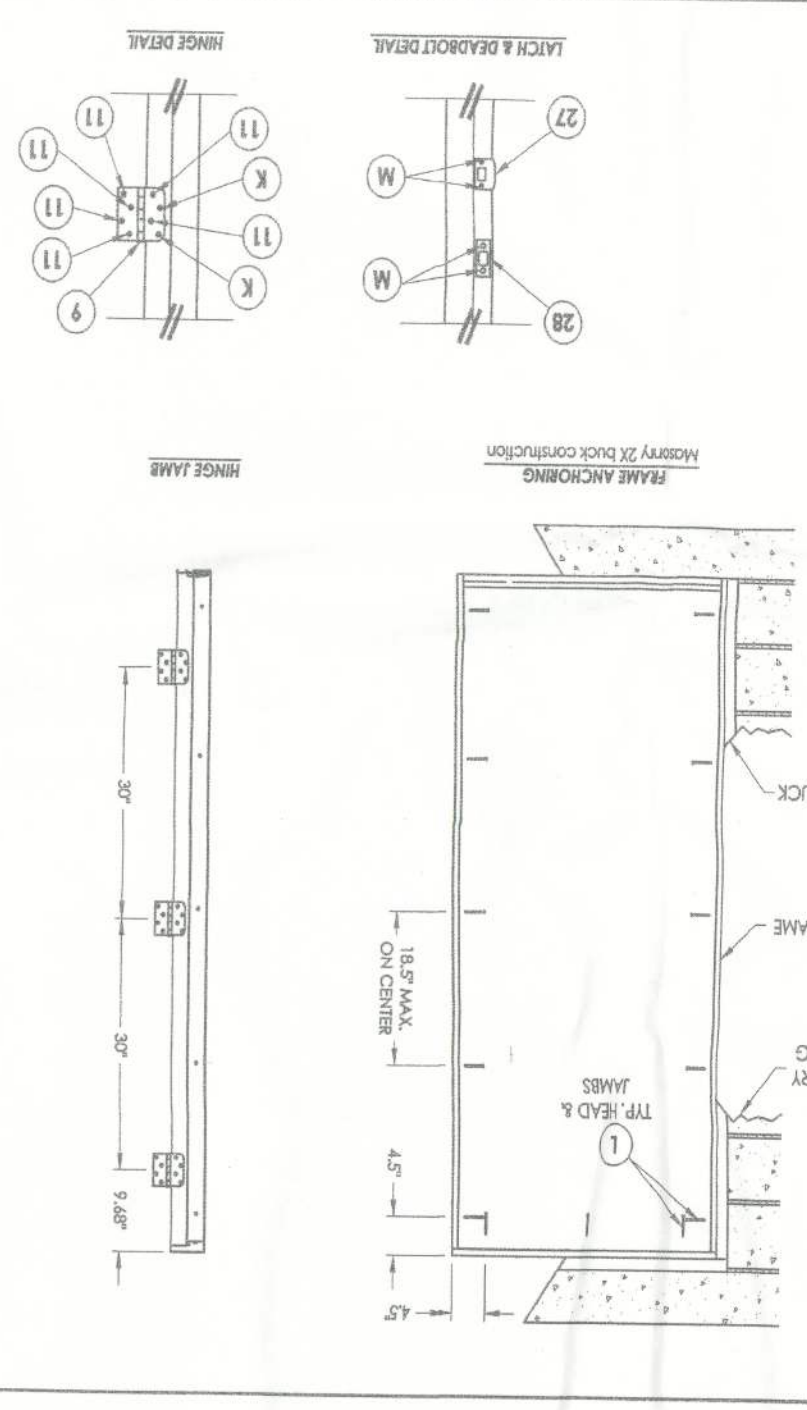
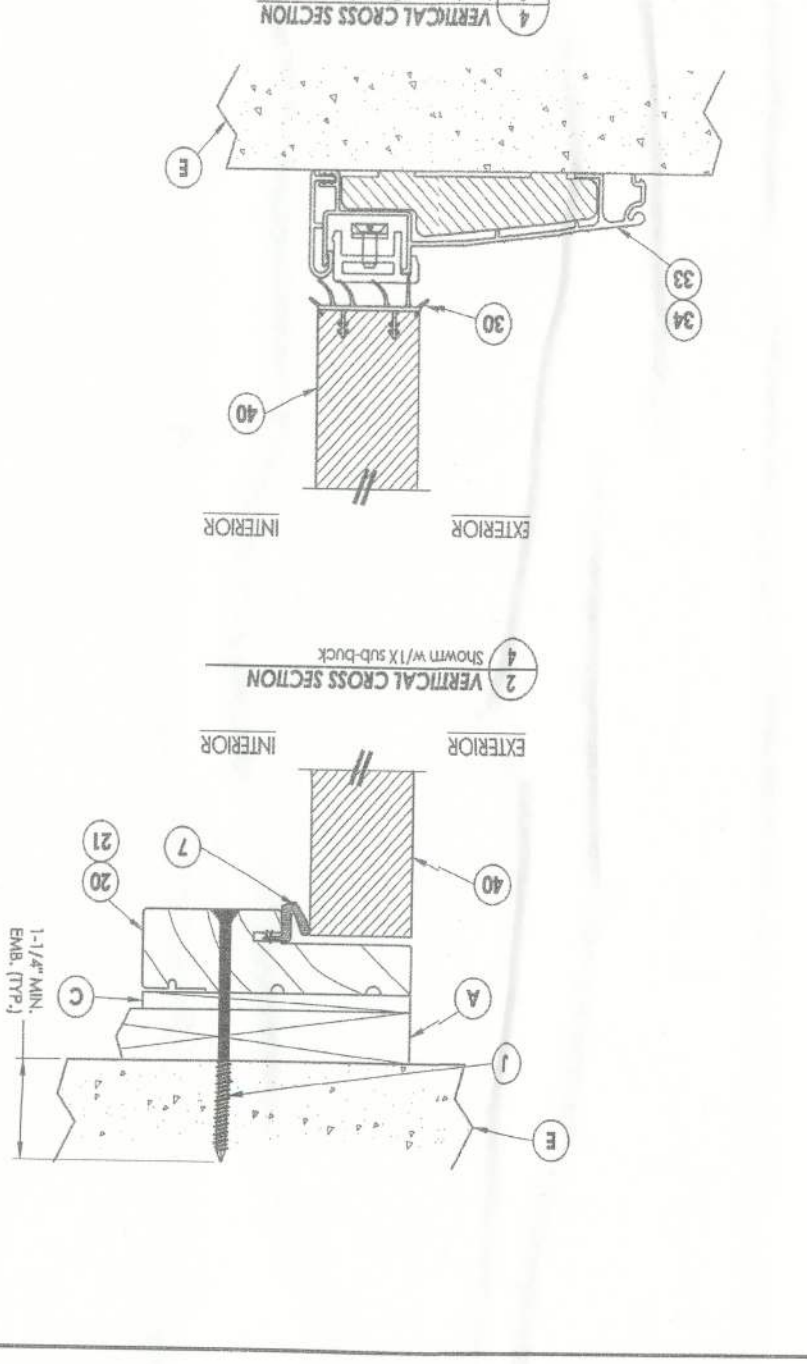
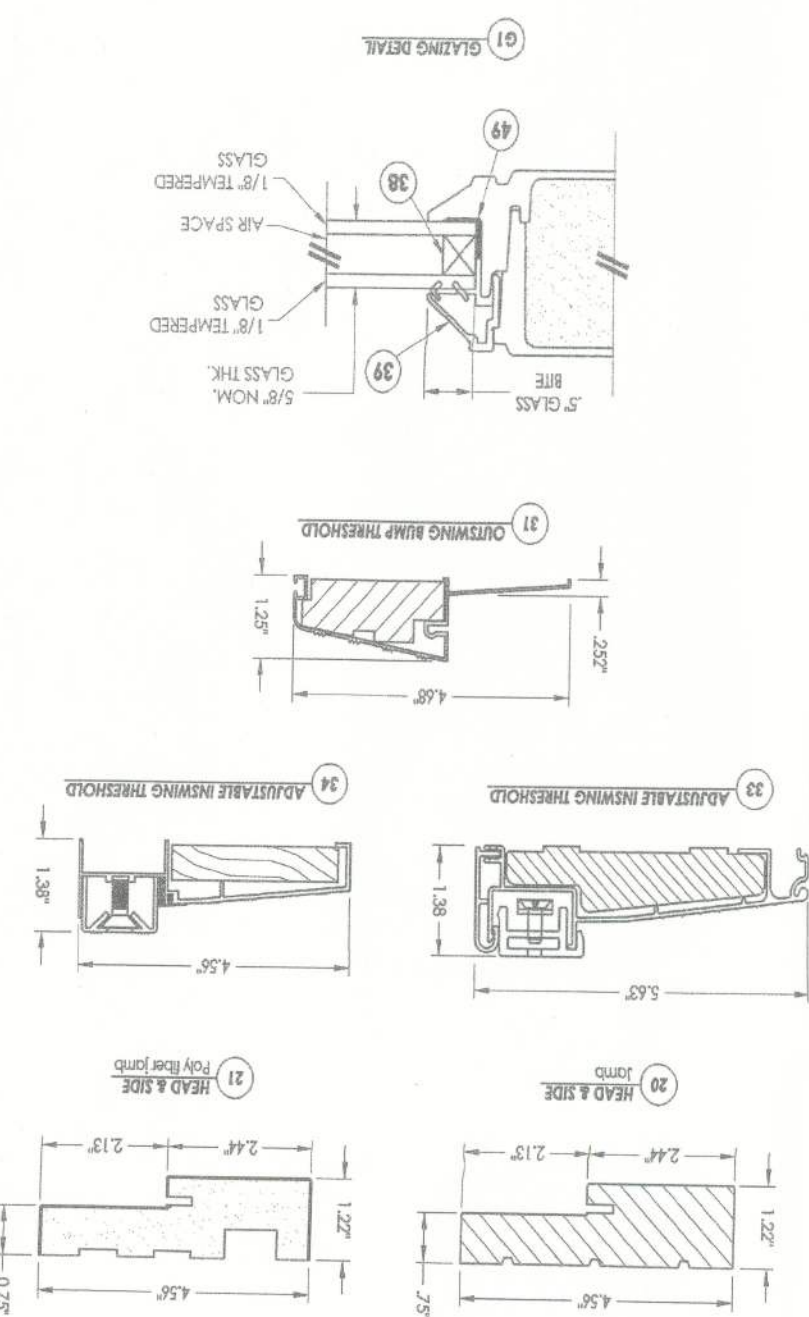
CERTIFICATE OF AUTHORIZATION No. 6612

DATE: 7-23-12

Lynette F. Bushong, P.E. No. 42408

[illegible]

ANCHOR TYPE	MIN. EMBEDMENT	MIN. CLEARANCE TO ADJACENT ANCHOR
1/4"	1-1/4"	2-1/4"
3/16"	1-1/4"	2-3/8"
1/2"	1-1/4"	2-1/2"
3/4"	1-1/4"	2-1/2"

[illegible][illegible][illegible]

NO.	DATE	DATE: 02/15/12	SCALE: N.T.S.	DRAWN BY: J.K.	CHECKED BY: LFS	DRAWING NO.: FL-15215.1	SHEET 7 OF 7
REVISIONS							

Product Approval
FL# 15215.1

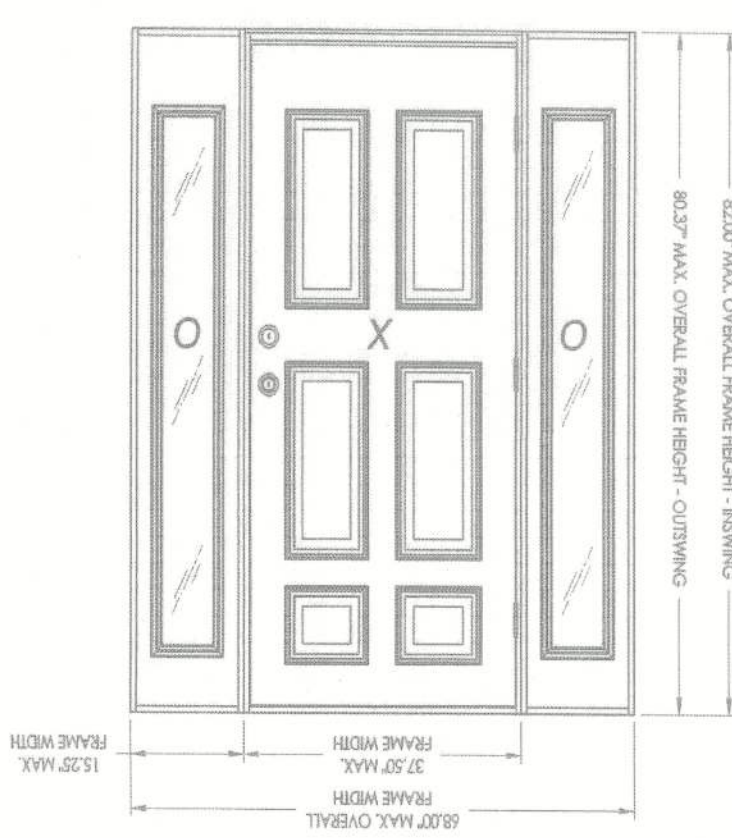
FLORIDA
THIS STRUCTURE WAS DESIGNED
IN ACCORDANCE AND MEETS THE
REQUIREMENTS OF SECTION
803.01 OF THE FLORIDA BUILDING
CODE 2010 ; RESIDENTIAL ALL
CONNECTORS HAVE BEEN CHECKED
TO WITHSTAND AND ENCLOSURE
LOADS EXPOSURE A1 ENCLOSURE
DESIGNED WIND SPEED
V_W = 161 MPH
V_W = 124 MPH

FIBERGLASS EXTERIOR DOORS	
Glazed Single Door	
INSWING / OUTSWING	
DRAWN BY: FESSIA	
RELEASE DATE: 5/9/12	

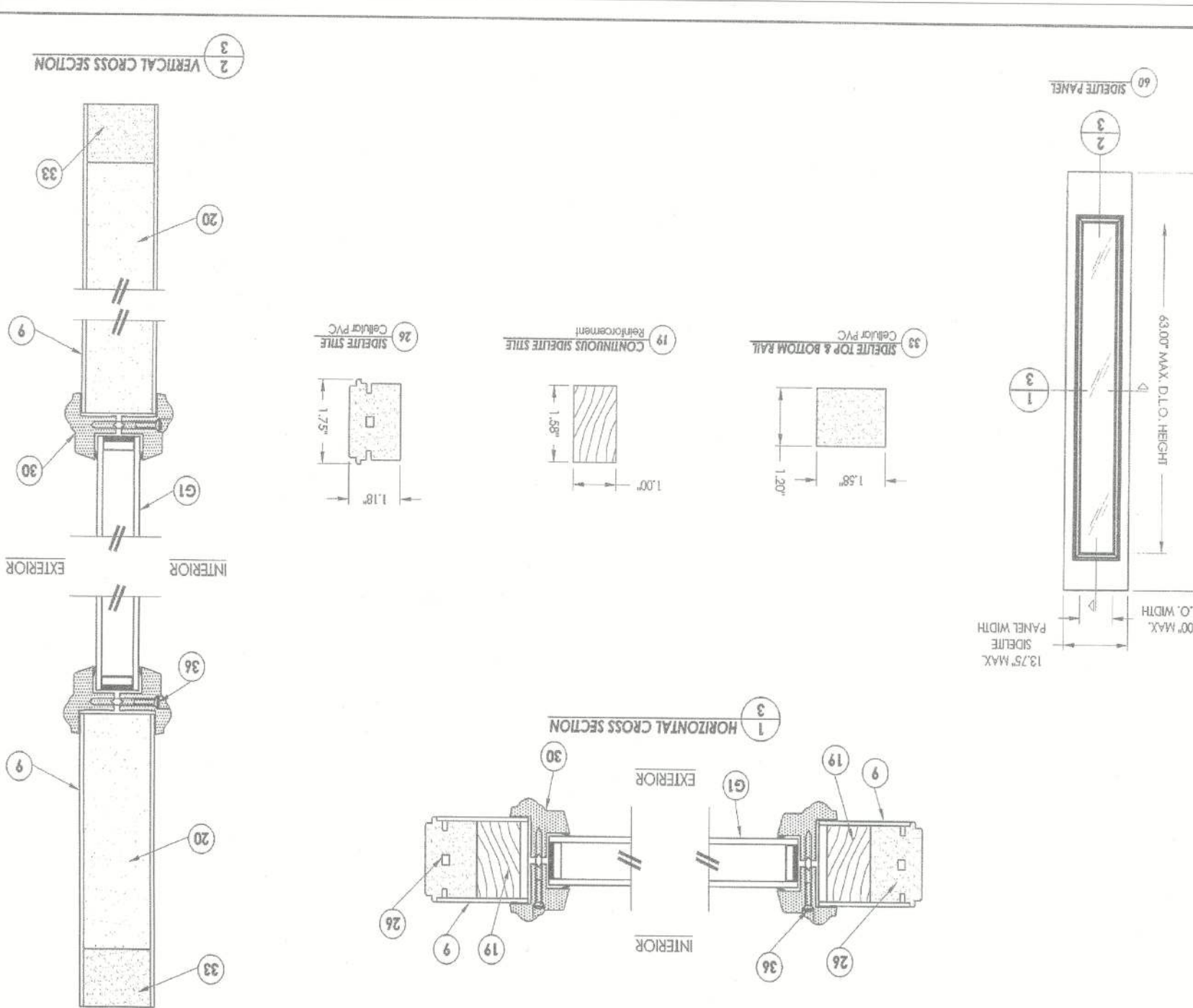
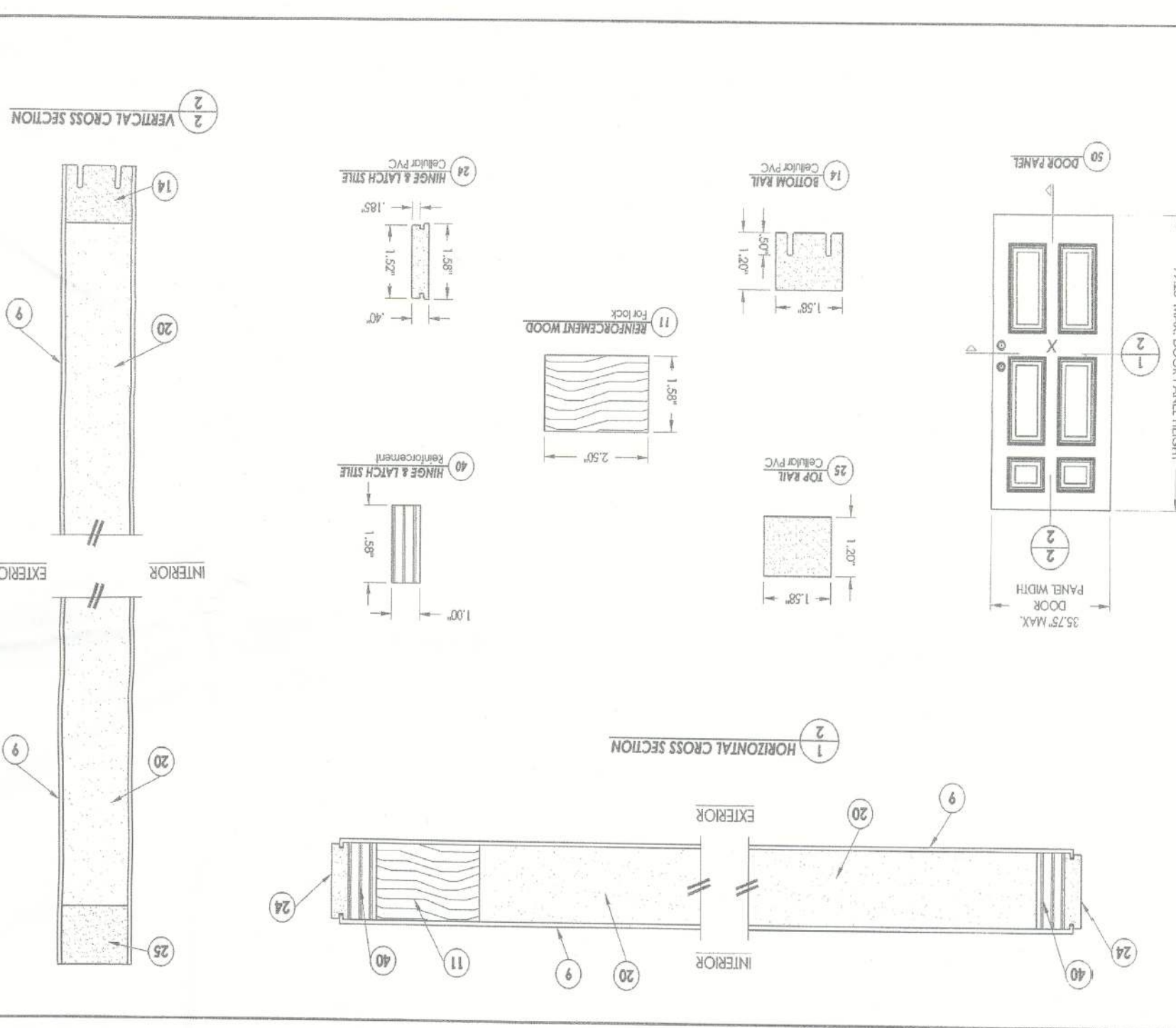
ED-06

SHEET #	DESCRIPTION
1	Typical elevations, design pressures, & general notes
2	Door panel details
3	Seals/trim panel details
4	Horizontal cross sections
5	Vertical cross sections
6	Vertical cross sections
7	Black and frame anchoring - 2x black masonry construction
8	Frame anchoring - 1x black masonry construction
9	Isol of masonry, grouting details & components

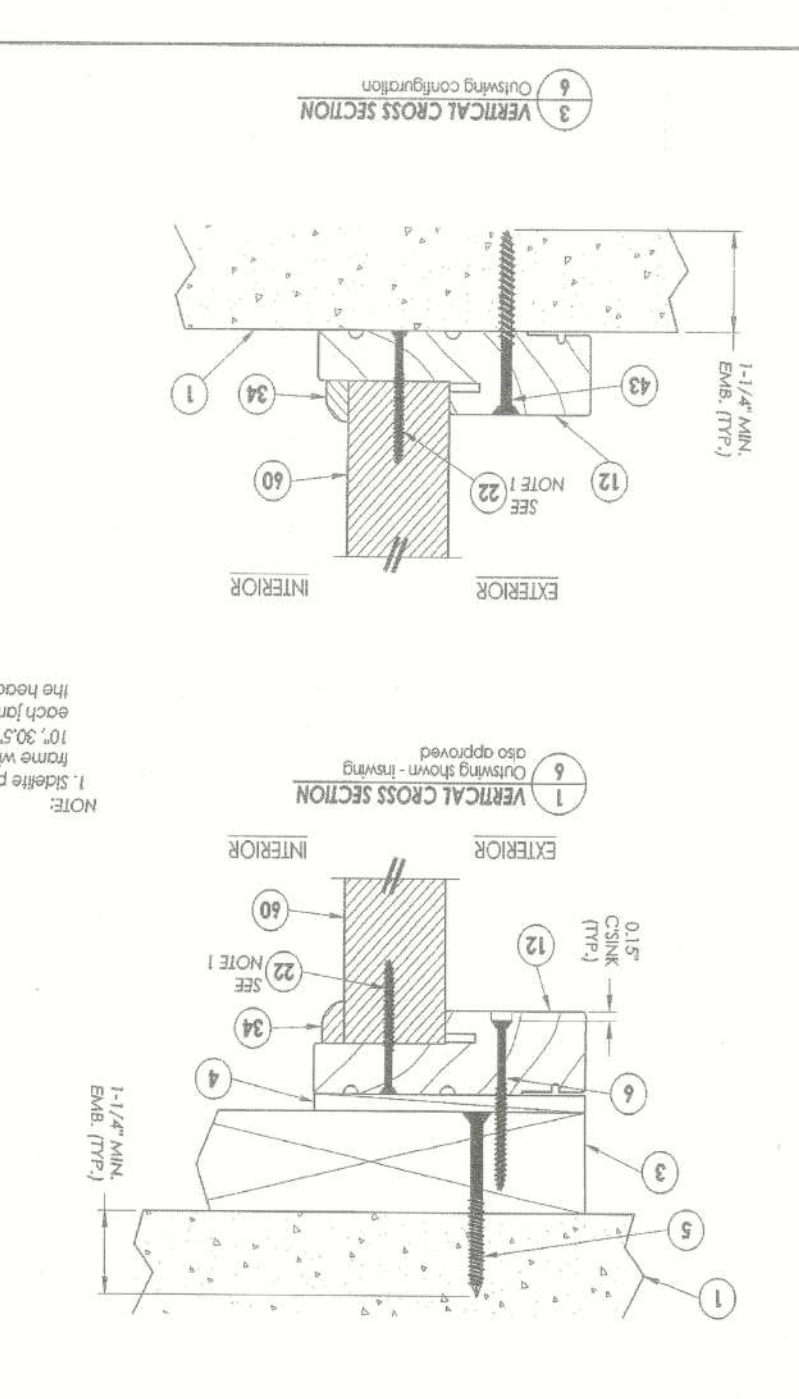
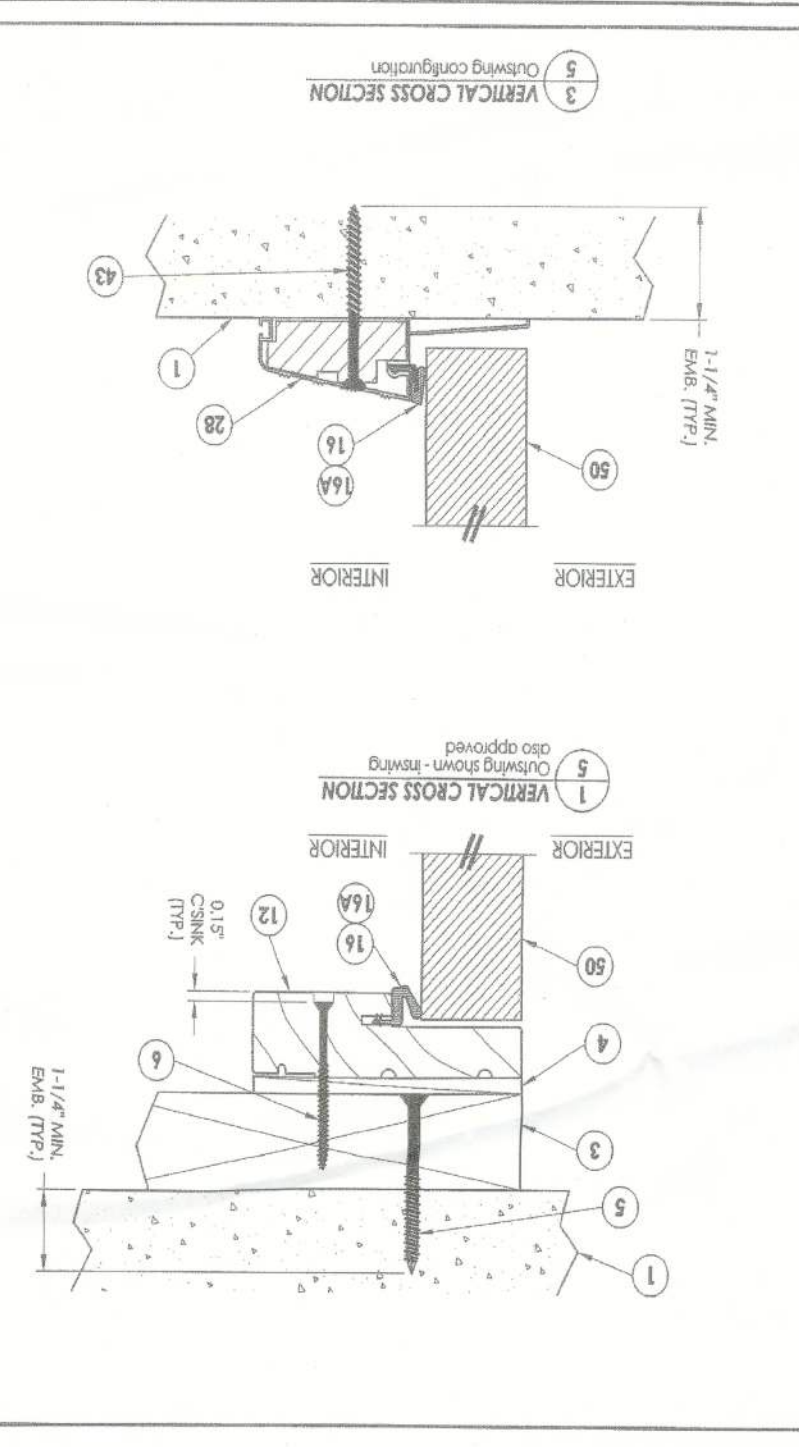
1. The product has been evaluated and is in compliance with the 2010 Federal Building Code (FBC) structural requirements. The design closely complies with the
2. Product analysis has been done on the field and reported on the report. Another
3. enhancement to cases similar that be expected with testing in school.
4. With used in force loading, which none exceeds the product's compressing
5. with section 107.1.2 of the IRC and the building code as outlined in ASHRAE
6. report detailing product compliance with section 107.1.2 of the building code as outlined in ASHRAE
7. Shows that the building's structural analysis is in compliance with section 107.1.2 of the building code as outlined in ASHRAE
8. The analysis and results from the results of the analysis further
9. the evaluation comply by a licensed engineer or registered architect.



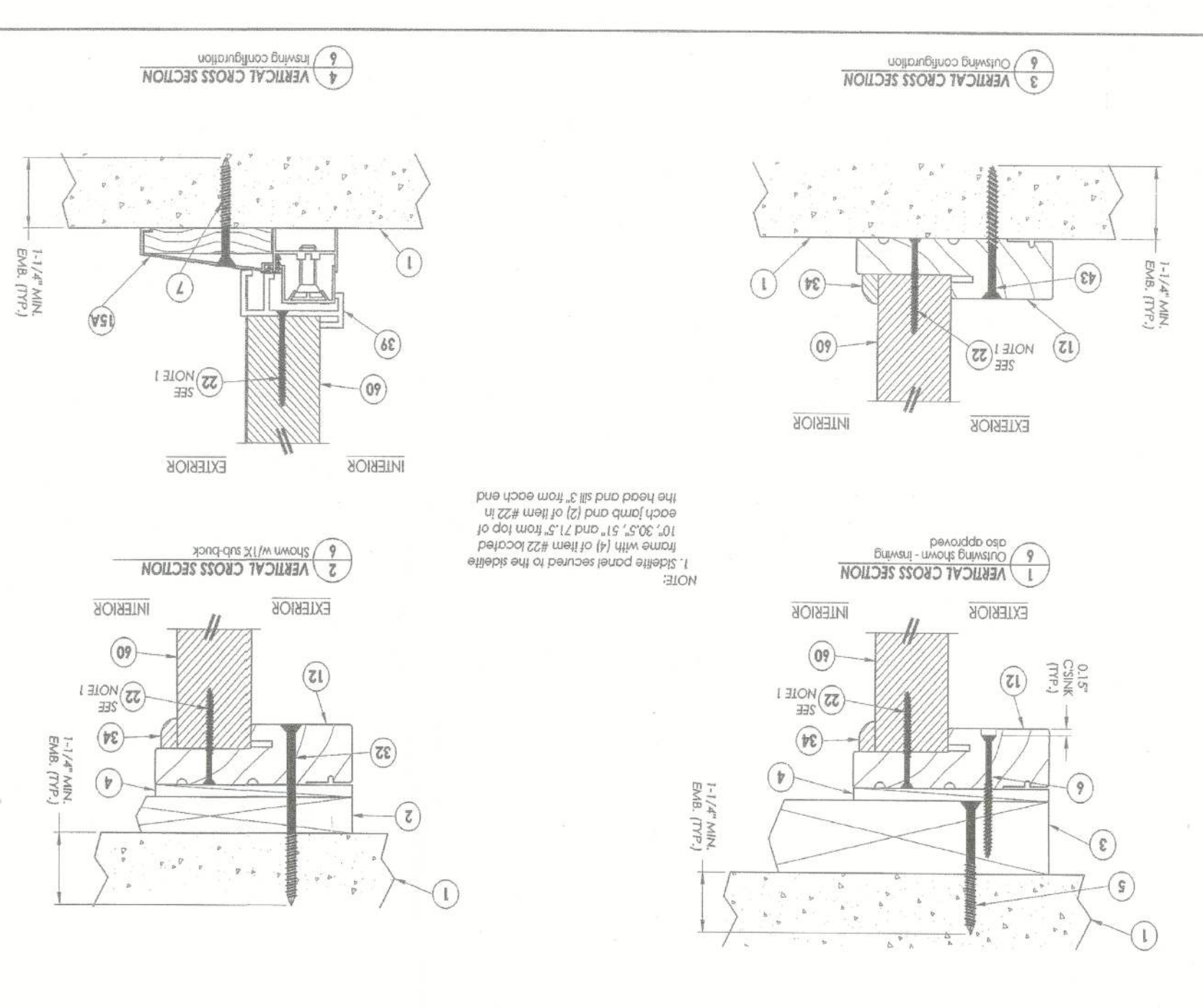
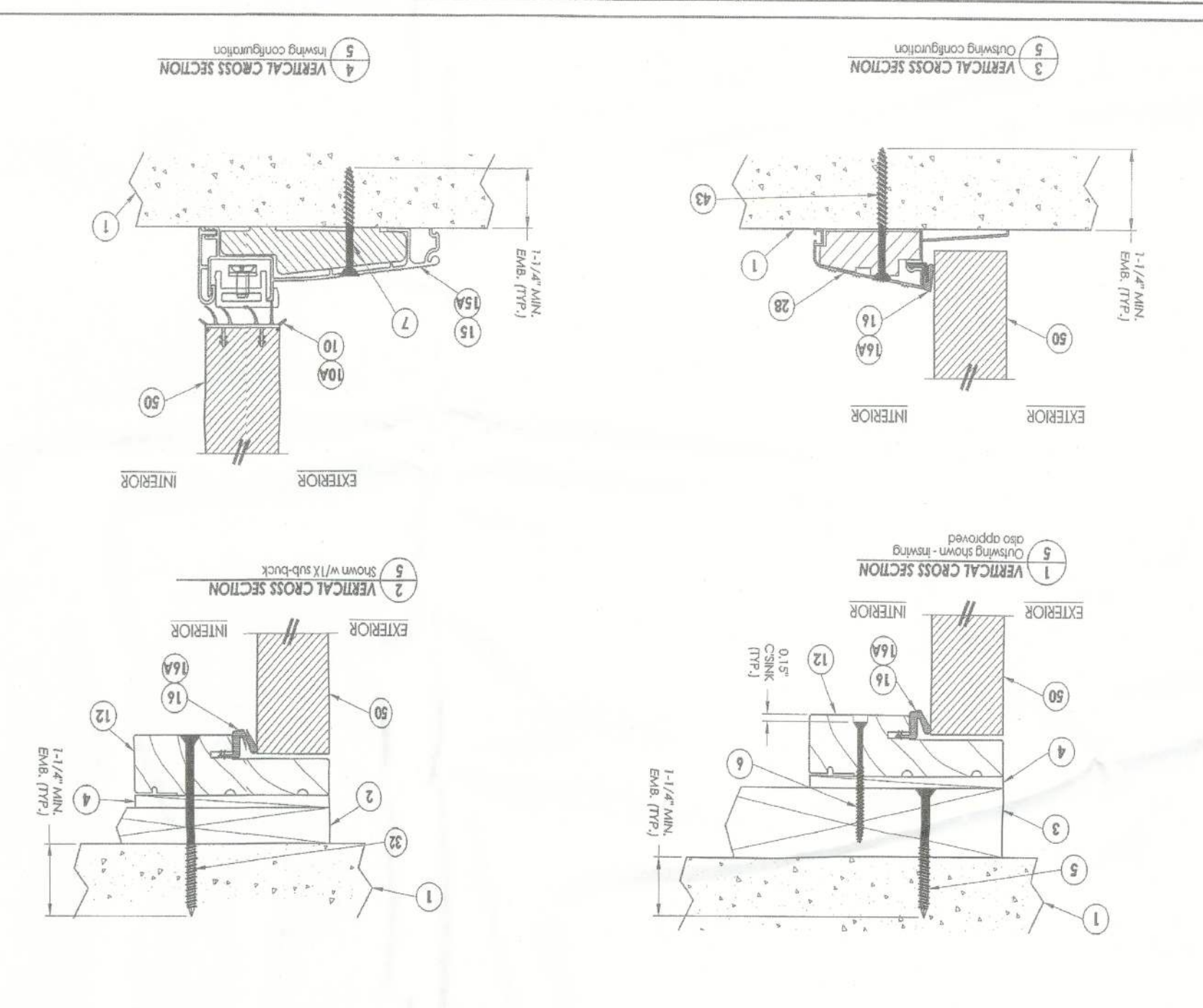
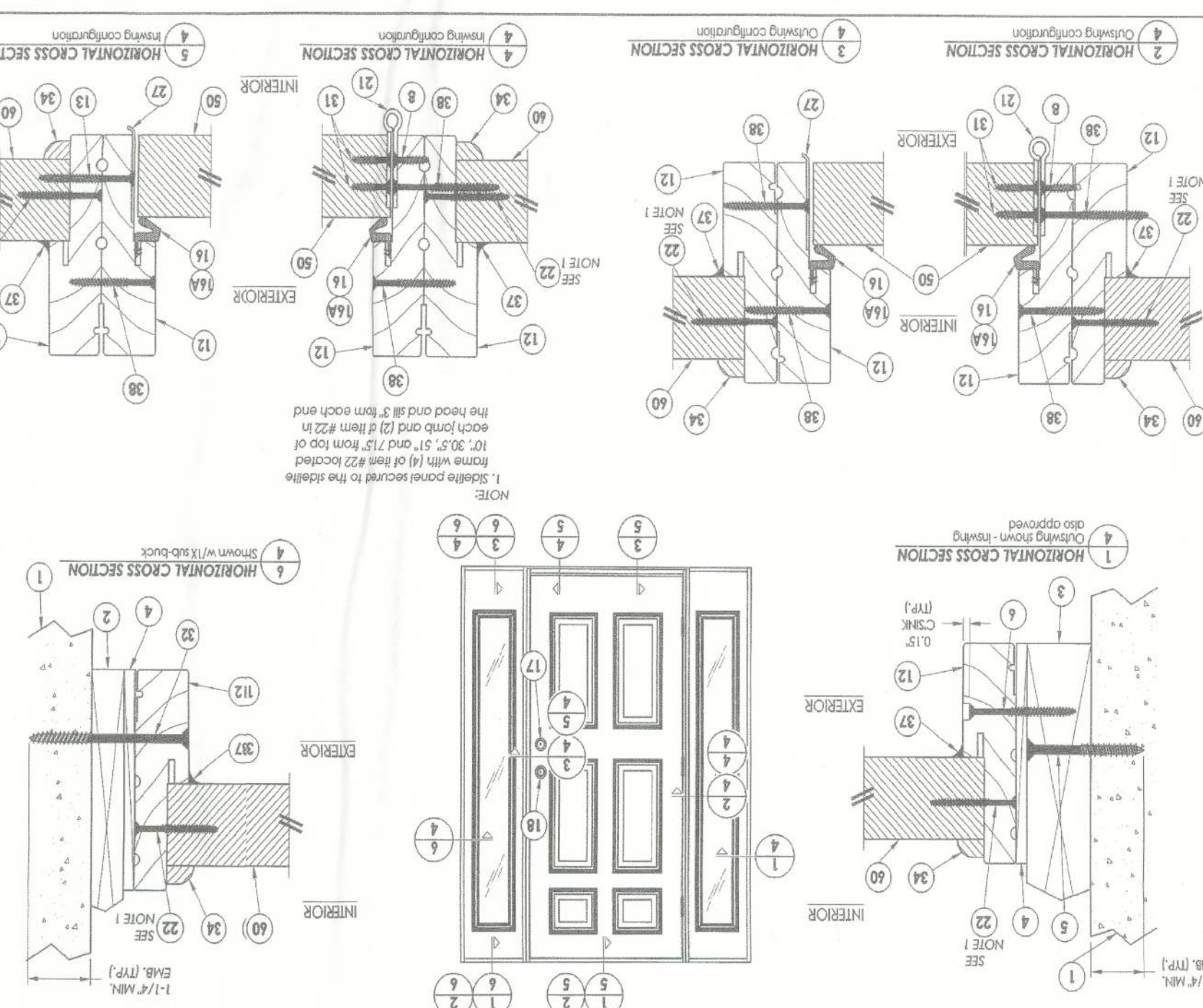
SWING	OVERALL FRAME DIMENSION	SLEEVE D.O. DIMENSION	CLASS TYPE	DESIGN PRESSURE (PSI)
				POSITIVE NEGATIVE
INSWING	68.00" x 82.00"	7.00" x 63.00"	G1	+50.0
	68.00" x 80.37"	7.00" x 63.00"		-50.0



A - Project\3\Project Folders\proj 1501 - 1600\PF 1587\DWG. RW8C Drawings\2010\FL-15213.1-8.dwg, 5.5



\\A - Projects\Project Folders\proj 1501 - 1600\PF 1587\D. RWBC Drawings\2010\FL-152131-8.dwg, 4



A = Projectively9/project_FolderProj1591 - 1600PF 1507JD, RWBC, Drawing120101FL-15213.1-B.dwg

[illegible]

LA - Project/Project Folder/Proj 1501 - 1500/PF 1587/D. RW8C Drawings/2010/Ft. 15213.1-B.dwg

[illegible]

1-1/4"	2-1/2"	3"
MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR

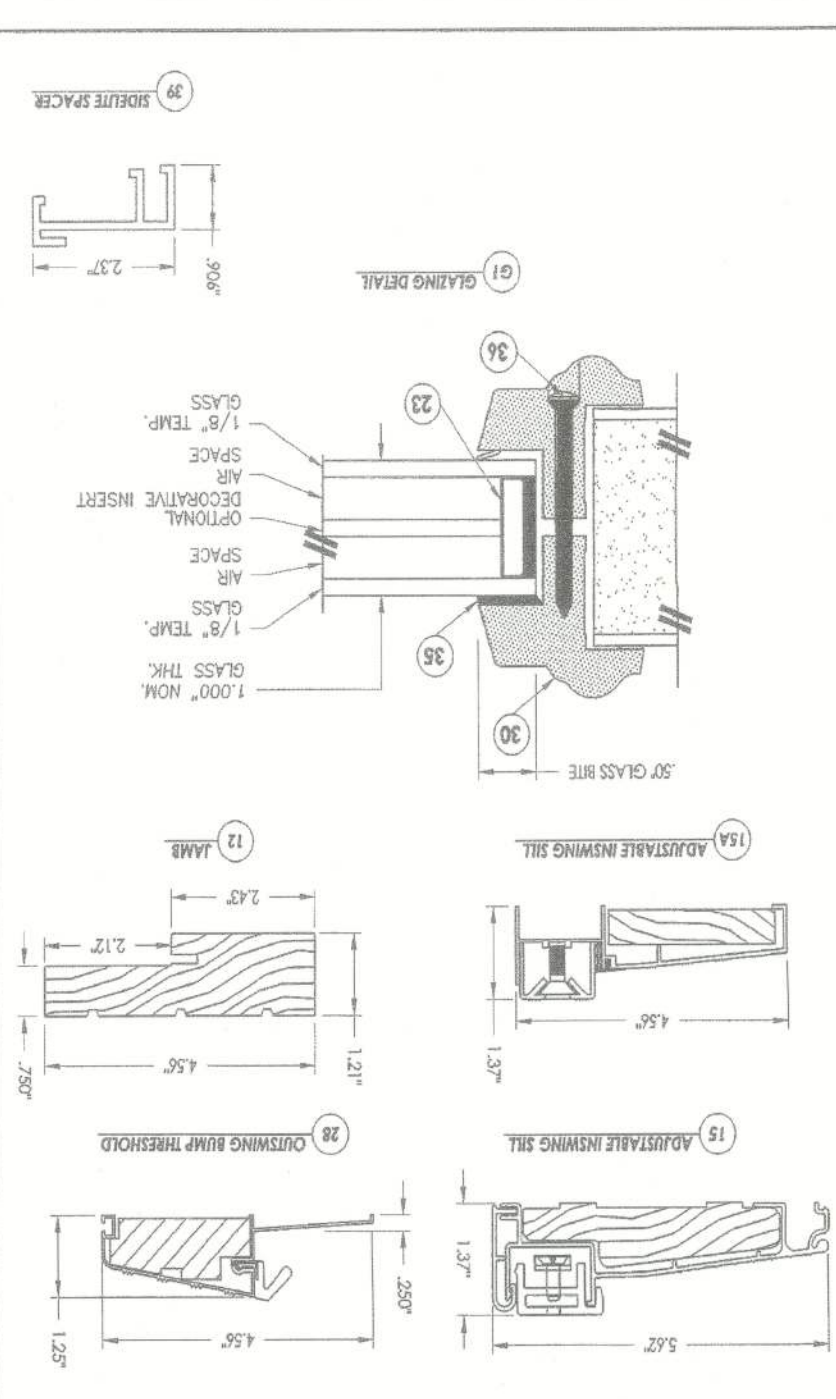


MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
1-1/4"	2-1/2"	3"
1-1/4"	2-1/2"	4"

[illegible]

The drawing consists of three technical views of a door assembly:

- Top View (Left):** Shows the door's profile with a hinge (27) and a latch (28). Dimensions include 13 for the hinge offset, 38 for the hinge width, and 13 for the latch offset. Labels include "HINGE PLATE DETAIL" and "HINGE JAMB".
- Top View (Right):** Shows the door's profile with a hinge (27) and a latch (28). Dimensions include 13 for the hinge offset, 38 for the hinge width, and 13 for the latch offset. Labels include "HINGE PLATE DETAIL" and "HINGE JAMB".
- Side Elevation (Bottom):** Shows the door's profile with a hinge (27) and a latch (28). Dimensions include 13 for the hinge offset, 38 for the hinge width, and 13 for the latch offset. Labels include "HINGE PLATE DETAIL" and "HINGE JAMB".



The technical drawings illustrate the construction of a window assembly. The top section shows two cross-sections of the window frame and sash. The left cross-section, labeled 'FIXED PANE DETAIL', shows a fixed pane (38) held in place by a glazing gasket (13) and a glazing clip (27). The right cross-section, labeled 'Hinged JAMB', shows a hinged pane (38) held in place by a glazing gasket (13) and a glazing clip (27). The bottom section shows a plan view of the window assembly, labeled 'TYPICAL ANCHORING'. It shows a window frame with a fixed pane (38) and a hinged pane (38). The hinged pane is shown in an open position, revealing the internal mechanism. The plan view includes dimensions for the window frame and sash, such as 5 1/2" and 39 1/2".

FLORIDA BUILDING CODE 2010: RESIDENTIAL
FLG58

ED-2

SHEET:

FIBERGLASS EXTERIOR	
DOOR w/ (2) Si	
INSWING / OUTS	
DRAWN BY: FESSIA	
RELEASE DATE: 5/9/12	

DOORS
lite
ING

FLORIDA
THIS STRUCTURE WAS DESIGNED
IN ACCORDANCE AND MEETS THE
REQUIREMENTS OF SECTION
800 OF THE FLORIDA BUILDING
CODE 2010 - RESIDENTIAL ALL
CONNECTORS HAVE BEEN CHECKED
TO WITHSTAND ALL APPLICABLE
BUILDING AND RISK CATEGORY II
DESIGNATED WIND SPEED
V₅₀ = 160 MPH
V₃₀ = 124 MPH

Maronda Homes
4005 MARONDA WAY
SANFORD, FL 32771
(407) 321-0064

PRODUCT REL. DATE	1	2	3	4	5	6	7	8
REVISIONS :								

[illegible]

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Product Approval
FL# 15213.5

[illegible]

Product Approval FL#11827 Single Hung

JAMB CROSS SECTION
 MASONRY/CONCRETE INSTALLATION

1x BUCK TO BE PROPERLY SECURED BY OTHERS

3/16" TAPCON

MIN. EDGE DISTANCE 2 5/8"

1 1/4" MIN. EMBEDMENT

1/4" MAX. SHIM

JAMB CROSS SECTION
 2X BUCK OR WOOD FRAMING INSTALLATION

#10 WOOD SCREW

2X BUCK OR WOOD FRAMING TO BE PROPERLY SECURED BY OTHERS

1 3/8" MINIMUM EMBEDMENT

1/4" MAX. SHIM

VERTICAL CROSS SECTION
 MASONRY/CONCRETE INSTALLATION

PERIMETER CAULK BY OTHERS

MASONRY/CONCRETE OR FINISH SILL BY OTHERS

STOOL BY OTHERS

VERTICAL CROSS SECTION
 2X BUCK OR WOOD FRAMING INSTALLATION

PERIMETER CAULK BY OTHERS

2X BUCK OR WOOD FRAMING TO BE PROPERLY SECURED BY OTHERS

EXTERIOR

INTERIOR

#10 WOOD SCREW

1 3/8" MIN. EMBEDMENT

1/4" MAX. SHIM

CAULK BETWEEN FLANGE AND BUCK

2X BUCK OR WOOD FRAMING TO BE PROPERLY SECURED BY OTHERS

EXTERIOR

INTERIOR

1x BUCK TO BE PROPERLY SECURED BY OTHERS

3/16" TAPCON

CAULK BETWEEN FLANGE AND BUCK

1 1/4" MIN. EMBEDMENT

1/4" MAX. SHIM

EDGE DISTANCE 2 5/8"

REVISIONS

REV	DESCRIPTION	DATE	APPROVED

SCALE: NTS

DATE 10/17/11 **SHEET** 2 OF 2

FLANGE FRAME NON-IMPACT INSTALLATION DETAILS

740/3740 ALUMINUM SINGLE HUNG WINDOW

ELIZABETHVILLE, PA 17023

4314 ROUTE 209

MI WINDOWS AND DOORS

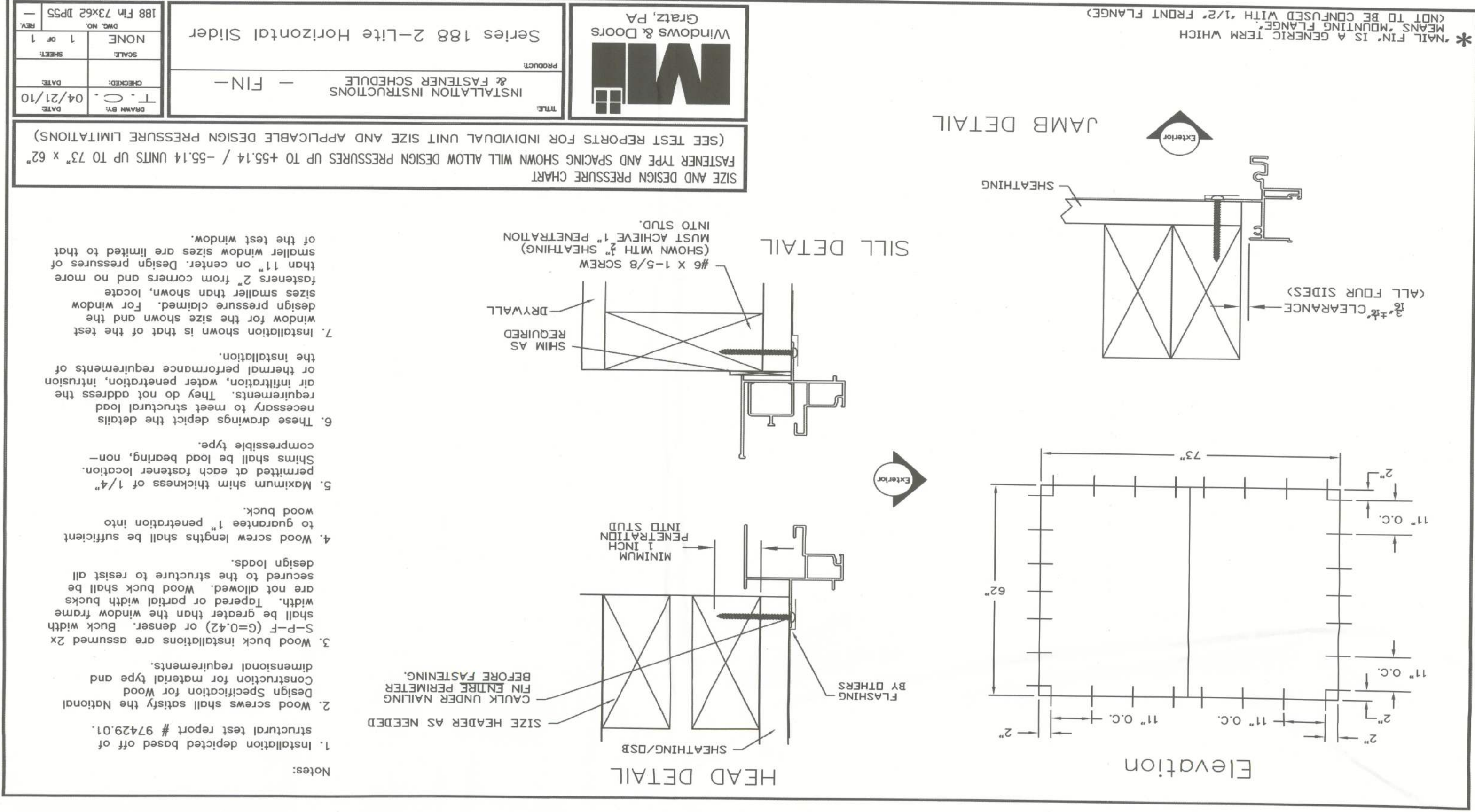
DESIGNED BY V.L. **DRAWN BY** [] **CHECKED BY** [] **DATE** 08-01366

PROFESSIONAL ENGINEER

STATE OF [] **NO. 8261**

ELIZABETHVILLE, PA

Product Approval FL#15351 Horz.Slider

[illegible]

DRAWN BY:	Pessia	GARAGE:
RELEASE DATE:		

MI Windows -Frame

DESIGNED WITH SPEED
 1/4" = 8" MPH
 1/4" = 124 MPH

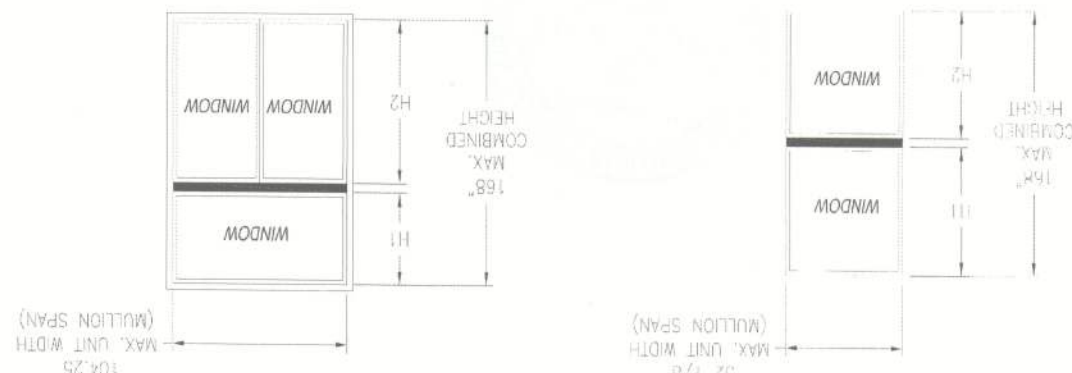
THIS STRUCTURE WAS DESIGNED
 IN ACCORDANCE AND MEETS THE
 REQUIREMENTS OF SECTION
 903 OF THE FLORIDA BUILDING
 CODE, 2000, PERTAINING ALL
 TOOTH AND RISK CATEGORY II,
 EXPOSURE B, ENCLOSED
 CONNECTIONS HAVE BEEN CHECKED
 TO WITHSTAND ALL APPLICABLE
 LOADS.

FL-105E

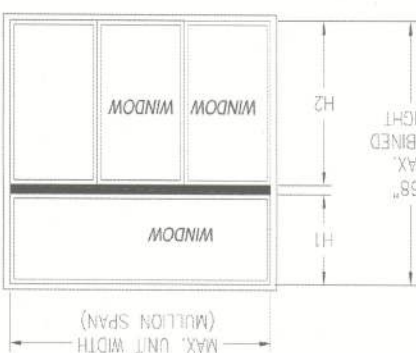
WIN-FL

SHEET:

PILOT DATE: 10 MAY 2018

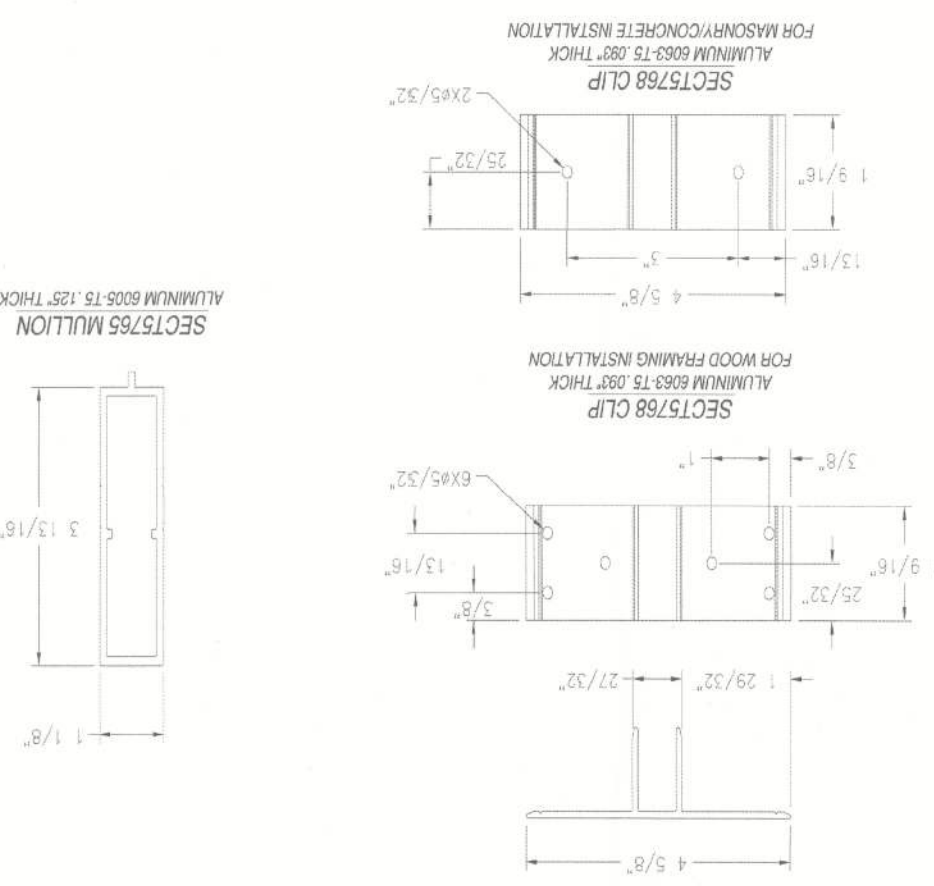
[illegible][illegible]

Height	Weight	Midline	10th	50th	90th	100th	10th	50th	90th	100th
156.28	45.00	24.00	13.00	24.00	30.00	35.00	42.00	24.00	30.00	35.00
152.71	44.00	23.00	12.00	23.00	29.00	34.00	41.00	23.00	29.00	34.00
148.91	43.00	22.00	11.00	22.00	28.00	33.00	40.00	22.00	28.00	33.00
145.11	42.00	21.00	10.00	21.00	27.00	32.00	39.00	21.00	27.00	32.00
141.31	41.00	20.00	9.00	20.00	26.00	31.00	38.00	20.00	26.00	31.00
137.51	40.00	19.00	8.00	19.00	25.00	30.00	37.00	19.00	25.00	30.00
133.71	39.00	18.00	7.00	18.00	24.00	29.00	36.00	18.00	24.00	29.00
129.91	38.00	17.00	6.00	17.00	23.00	28.00	35.00	17.00	23.00	28.00
126.11	37.00	16.00	5.00	16.00	22.00	27.00	34.00	16.00	22.00	27.00
122.31	36.00	15.00	4.00	15.00	21.00	26.00	33.00	15.00	21.00	26.00
118.51	35.00	14.00	3.00	14.00	20.00	25.00	32.00	14.00	20.00	25.00
114.71	34.00	13.00	2.00	13.00	19.00	24.00	31.00	13.00	19.00	24.00
110.91	33.00	12.00	1.00	12.00	18.00	23.00	30.00	12.00	18.00	23.00
107.11	32.00	11.00	0.00	11.00	17.00	22.00	29.00	11.00	17.00	22.00
103.31	31.00	10.00	-0.00	10.00	16.00	21.00	28.00	10.00	16.00	21.00
99.51	30.00	9.00	-1.00	9.00	15.00	20.00	27.00	9.00	15.00	20.00
95.71	29.00	8.00	-2.00	8.00	14.00	19.00	26.00	8.00	14.00	19.00
91.91	28.00	7.00	-3.00	7.00	13.00	18.00	25.00	7.00	13.00	18.00
88.11	27.00	6.00	-4.00	6.00	12.00	17.00	24.00	6.00	12.00	17.00
84.31	26.00	5.00	-5.00	5.00	11.00	16.00	23.00	5.00	11.00	16.00
80.51	25.00	4.00	-6.00	4.00	10.00	15.00	22.00	4.00	10.00	15.00
76.71	24.00	3.00	-7.00	3.00	9.00	14.00	21.00	3.00	9.00	14.00
72.91	23.00	2.00	-8.00	2.00	8.00	13.00	20.00	2.00	8.00	13.00
69.11	22.00	1.00	-9.00	1.00	7.00	12.00	19.00	1.00	7.00	12.00
65.31	21.00	0.00	-10.00	0.00	6.00	11.00	18.00	0.00	6.00	11.00
61.51	20.00	-1.00	-11.00	-1.00	5.00	10.00	17.00	-1.00	5.00	10.00
57.71	19.00	-2.00	-12.00	-2.00	4.00	9.00	16.00	-2.00	4.00	9.00
53.91	18.00	-3.00	-13.00	-3.00	3.00	8.00	15.00	-3.00	3.00	8.00
50.11	17.00	-4.00	-14.00	-4.00	2.00	7.00	14.00	-4.00	2.00	7.00
46.31	16.00	-5.00	-15.00	-5.00	1.00	6.00	13.00	-5.00	1.00	6.00
42.51	15.00	-6.00	-16.00	-6.00	0.00	5.00	12.00	-6.00	0.00	5.00
38.71	14.00	-7.00	-17.00	-7.00	-1.00	4.00	11.00	-7.00	-1.00	4.00
34.91	13.00	-8.00	-18.00	-8.00	-2.00	3.00	10.00	-8.00	-2.00	3.00
31.11	12.00	-9.00	-19.00	-9.00	-3.00	2.00	9.00	-9.00	-3.00	2.00
27.31	11.00	-10.00	-20.00	-10.00	-4.00	1.00	8.00	-10.00	-4.00	1.00
23.51	10.00	-11.00	-21.00	-11.00	-5.00	0.00	7.00	-11.00	-5.00	0.00
19.71	9.00	-12.00	-22.00	-12.00	-6.00	-1.00	6.00	-12.00	-6.00	-1.00
15.91	8.00	-13.00	-23.00	-13.00	-7.00	-2.00	5.00	-13.00	-7.00	-2.00
12.11	7.00	-14.00	-24.00	-14.00	-8.00	-3.00	4.00	-14.00	-8.00	-3.00
8.31	6.00	-15.00	-25.00	-15.00	-9.00	-4.00	3.00	-15.00	-9.00	-4.00
4.51	5.00	-16.00	-26.00	-16.00	-10.00	-5.00	2.00	-16.00	-10.00	-5.00
0.71	4.00	-17.00	-27.00	-17.00	-11.00	-6.00	1.00	-17.00	-11.00	-6.00
-3.09	3.00	-18.00	-28.00	-18.00	-12.00	-7.00	0.00	-18.00	-12.00	-7.00
-6.89	2.00	-19.00	-29.00	-19.00	-13.00	-8.00	-1.00	-19.00	-13.00	-8.00
-10.69	1.00	-20.00	-30.00	-20.00	-14.00	-9.00	-2.00	-20.00	-14.00	-9.00
-14.49	0.00	-21.00	-31.00	-21.00	-15.00	-10.00	-3.00	-21.00	-15.00	-10.00
-18.29	-1.00	-22.00	-32.00	-22.00	-16.00	-11.00	-4.00	-22.00	-16.00	-11.00
-22.09	-2.00	-23.00	-33.00	-23.00	-17.00	-12.00	-5.00	-23.00	-17.00	-12.00
-25.89	-3.00	-24.00	-34.00	-24.00	-18.00	-13.00	-6.00	-24.00	-18.00	-13.00
-29.69	-4.00	-25.00	-35.00	-25.00	-19.00	-14.00	-7.00	-25.00	-19.00	-14.00
-33.49	-5.00	-26.00	-36.00	-26.00	-20.00	-15.00	-8.00	-26.00	-20.00	-15.00
-37.29	-6.00	-27.00	-37.00	-27.00	-21.00	-16.00	-9.00	-27.00	-21.00	-16.00
-41.09	-7.00	-28.00	-38.00	-28.00	-22.00	-17.00	-10.00	-28.00	-22.00	-17.00
-44.89	-8.00	-29.00	-39.00	-29.00	-23.00	-18.00	-11.00	-29.00	-23.00	-18.00
-48.69	-9.00	-30.00	-40.00	-30.00	-24.00	-19.00	-12.00	-30.00	-24.00	-19.00
-52.49	-10.00	-31.00	-41.00	-31.00	-25.00	-20.00	-13.00	-31.00	-25.00	-20.00
-56.29	-11.00	-32.00	-42.00	-32.00	-26.00	-21.00	-14.00	-32.00	-26.00	-21.00
-60.09	-12.00	-33.00	-43.00	-33.00	-27.00	-22.00	-15.00	-33.00	-27.00	-22.00
-63.89	-13.00	-34.00	-44.00	-34.00	-28.00	-23.00	-16.00	-34.00	-28.00	-23.00
-67.69	-14.00	-35.00	-45.00	-35.00	-29.00	-24.00	-17.00	-35.00	-29.00	-24.00
-71.49	-15.00	-36.00	-46.00	-36.00	-30.00	-25.00	-18.00	-36.00	-30.00	-25.00
-75.29	-16.00	-37.00	-47.00	-37.00	-31.00	-26.00	-19.00	-37.00	-31.00	-26.00
-79.09	-17.00	-38.00	-48.00	-38.00	-32.00	-27.00	-20.00	-38.00	-32.00	-27.00
-82.89	-18.00	-39.00	-49.00	-39.00	-33.00	-28.00	-21.00	-39.00	-33.00	-28.00
-86.69	-19.00	-40.00	-50.00	-40.00	-34.00	-29.00	-22.00	-40.00	-34.00	-29.00
-90.49	-20.00	-41.00	-51.00	-41.00	-35.00	-30.00	-23.00	-41.00	-35.00	-30.00
-94.29	-21.00	-42.00	-52.00	-42.00	-36.00	-31.00	-24.00	-42.00	-36.00	-31.00
-98.09	-22.00	-43.00	-53.00	-43.00	-37.00	-32.00	-25.00	-43.00	-37.00	-32.00
-101.89	-23.00	-44.00	-54.00	-44.00	-38.00	-33.00	-26.00	-44.00	-38.00	-33.00
-105.69	-24.00	-45.00	-55.00	-45.00	-39.00	-34.00	-27.00	-45.00	-39.00	-34.00
-109.49	-25.00	-46.00	-56.00	-46.00	-40.00	-35.00	-28.00	-46.00	-40.00	-35.00
-113.29	-26.00	-47.00	-57.00	-47.00	-41.00	-36.00	-29.00	-47.00	-41.00	-36.00
-117.09	-27.00	-48.00	-58.00	-48.00	-42.00	-37.00	-30.00	-48.00	-42.00	-37.00
-120.89	-28.00	-49.00	-59.00	-49.00	-43.00	-38.00	-31.00	-49.00	-43.00	-38.00
-124.69	-29.00	-50.00	-60.00	-50.00	-44.00	-39.00	-32.00	-50.00	-44.00	-39.00
-128.49	-30.00	-51.00	-61.00	-51.00	-45.00	-40.00	-33.00	-51.00	-45.00	-40.00
-132.29	-31.00	-52.00	-62.00	-52.00	-46.00	-41.00	-34.00	-52.00	-46.00	-41.00
-136.09	-32.00	-53.00	-63.00	-53.00	-47.00	-42.00	-35.00	-53.00	-47.00	-42.00
-139.89	-33.00	-54.00	-64.00	-54.00	-48.00	-43.00	-36.00	-54.00	-48.00	-43.00
-143.69	-34.00	-55.00	-65.00	-55.00	-49.00	-44.00	-37.00	-55.00	-49.00	-44.00
-147.49	-35.00	-56.00	-66.00	-56.00	-50.00	-45.00	-38.00	-56.00	-50.00	-45.00
-151.29	-36.00	-57.00	-67.00	-57.00	-51.00	-46.00	-39.00	-57.00	-51.00	-46.00
-155.09	-37.00	-58.00	-68.00	-58.00	-52.00	-47.00	-40.00	-58.00	-52.00	-47.00
-158.89	-38.00	-59.00	-69.00	-59.00	-53.00	-48.00	-41.00	-59.00	-53.00	-48.00
-162.69	-39.00	-60.00	-70.00	-60.00	-54.00	-49.00	-42.00	-60.00	-54.00	-49.00
-166.49	-40.00	-61.00	-71.00	-61.00	-55.00	-50.00	-43.00	-61.00	-55.00	-50.00
-170.29	-41.00	-62.00	-72.00	-62.00	-56.00	-51.00	-44.00	-62.00	-56.00	-51.00
-174.09	-42.00	-63.00	-73.00	-63.00	-57.00	-52.00	-45.00	-63.00	-57.00	-52.00
-177.89	-43.00	-64.00	-74.00	-64.00	-58.00	-53.00	-46.00	-64.00	-58.00	-53.00
-181.69	-44.00	-65.00	-75.00	-65.00	-59.00	-54.00	-47.00	-65.00	-59.00	-54.00
-185.49	-45.00	-66.00	-76.00	-66.00	-60.00	-55.00	-48.00	-66.00	-60.00	-55.00
-189.29	-46.00	-67.00	-77.00	-67.00	-61.00	-56.00	-49.00	-67.00	-61.00	-56.00
-193.09	-47.00	-68.00	-78.00	-68.00	-62.00	-57.00	-50.00	-68.00	-62.00	-57.00
-196.89	-48.00	-69.00	-79.00	-69.00	-63.00	-58.00	-51.00	-69.00	-63.00	-58.00
-200.69	-49.00	-70.00	-80.00	-70.00	-64.00	-59.00	-52.00	-70.00	-64.00	-59.00
-204.49	-50.00	-71.00	-81.00	-71.00	-65.00	-60.00	-53.00	-71.00	-65.00	-60.00
-208.29	-51.00	-72.00	-82.00	-72.00	-66.00	-61.00	-54.00	-72.00	-66.00	-61.00
-212.09	-52.00	-73.00	-83.00	-73.00	-67.00	-62.00	-55.00	-73.00	-67.00	-62.00
-215.89	-53.00	-74.00	-84.00	-74.00	-68.00	-63.00	-56.00	-74.00	-68.00	-63.00
-219.69	-54.00	-75.00	-85.00	-75.00	-69.00	-64.00	-57.00	-75.00	-69.00	-64.00
-223.49	-55.00	-76.00	-86.00	-76.00	-70.00	-65.00	-58.00	-76.00	-70.00	-65.00
-227.29	-56.00	-77.00	-87.00	-77.00	-71.00	-66.00	-59.00	-77.00	-71.00	-66.00
-231.09	-57.00	-78.00	-88.00	-78.00	-72.00	-67.00	-60.00	-78.00	-72.00	-67.00
-234.89	-58.00	-79.00	-89.00	-79.00	-73.00	-68.00	-61.00	-79.00	-73.00	-68.00
-238.69	-59.00	-80.00	-90.00	-80.00	-74.00	-69.00	-62.00	-80.00	-74.00	-69.00
-242.49	-60.00	-81.00	-91.00	-81.00	-75.00	-70.00	-63.00	-81.00	-75.00	-70.00
-246.29	-61.00	-82.00	-92.00	-82.00	-76.00	-71.00	-64.00	-82.00	-76.00	-71.00
-250.09	-62.00	-83.00	-93.00	-83.00	-77.00	-72.00	-65.00	-83.00	-77.00	-72.00
-253.89	-63.00	-84.00	-94.00	-84.00	-78.00	-73.00	-66.00	-84.00	-78.00	-73.00
-257										



1. DEFINE REQUIRED DESIGN LOAD PER FLORIDA BUILDING CODE CHAPTER 16.
2. DETERMINE RIBBARY HEIGHT AND MILLION SPAN BASED ON PRODUCT TO BE INSTALLED. SEE FORMULA FOR RIBBARY HEIGHT.
3. LOCATE MILLION SPAN (UNIT WIDTH) AND RIBBARY HEIGHT AT THE INTERSECTION OF COLUMN AND ROW CONTAINING THE MILLION SPAN AND RIBBARY WITH RESPECTIVELY IS THE MILLION RATING FOR PRODUCT IN STEP 1.
4. MILLION RATING MUST BE EQUAL OR GREATER THAN REQUIRED DESIGN PRESSURE OBTAINED IN STEP 1.

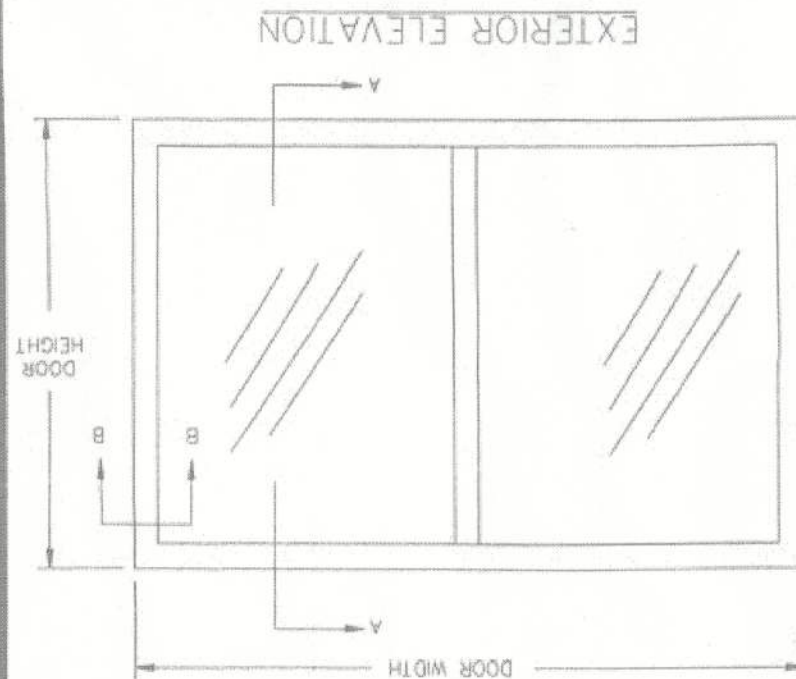
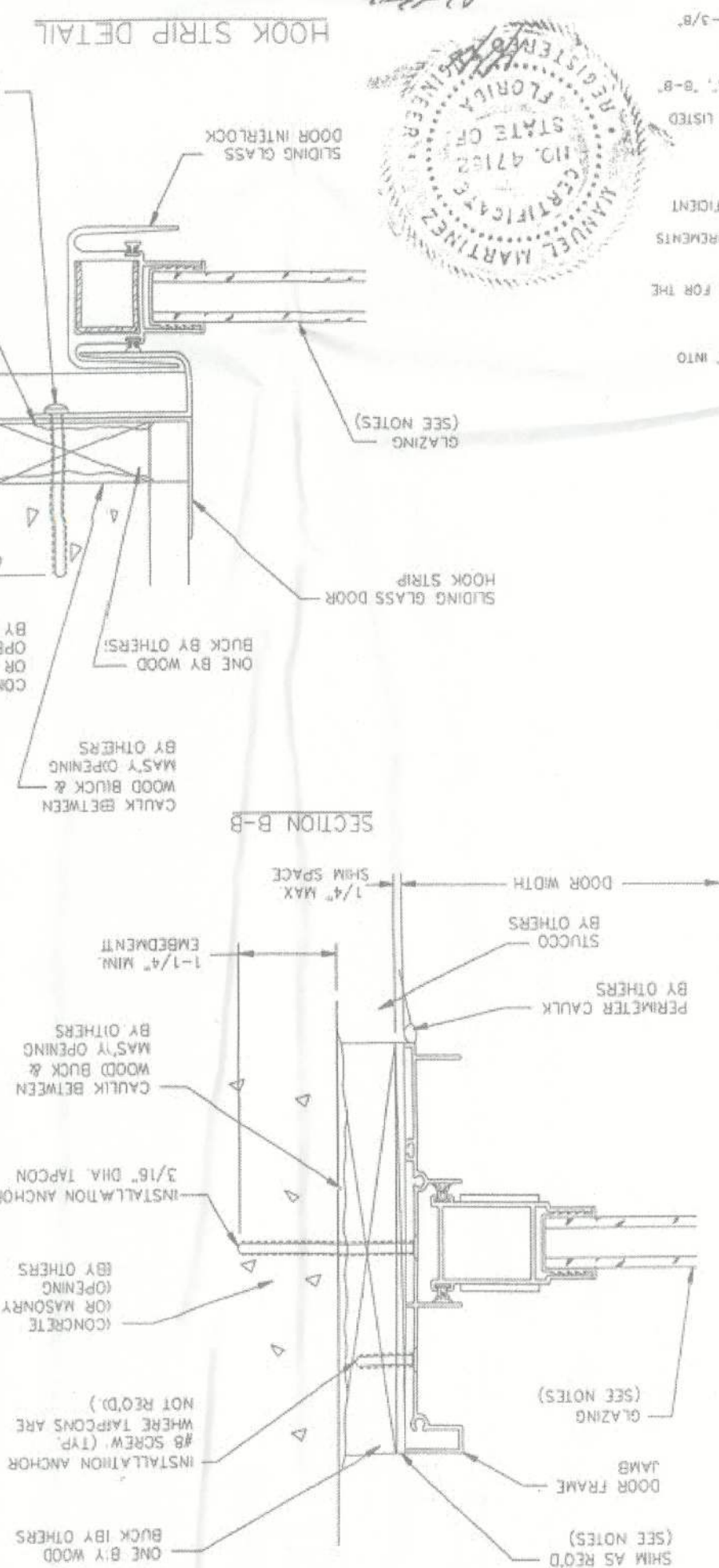
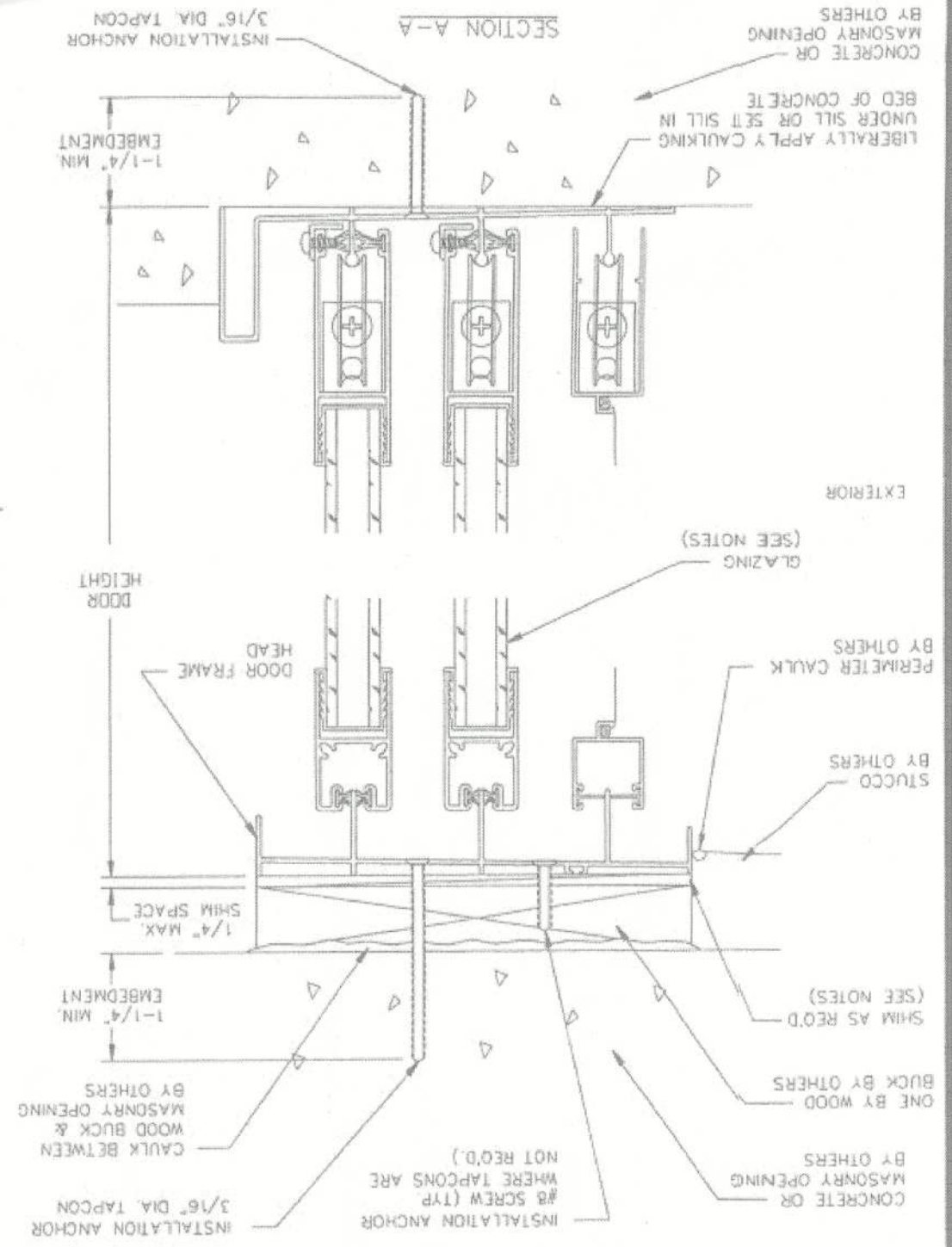
DATE	03/06/12	SHEET	2 OF 3
PROJECT NO.	08-01449	REV	-
MI WINDOWS AND DOORS 650 WEST MARKET STREET GRANT, PA 17030-0370 5765 HORIZONTAL MULLION SINGLE, 1/4" AND TRIPLE WITH TRANSOM ELEVATION AND COMPONENTS			



REV	DESCRIPTION	DATE	BY/APPVED
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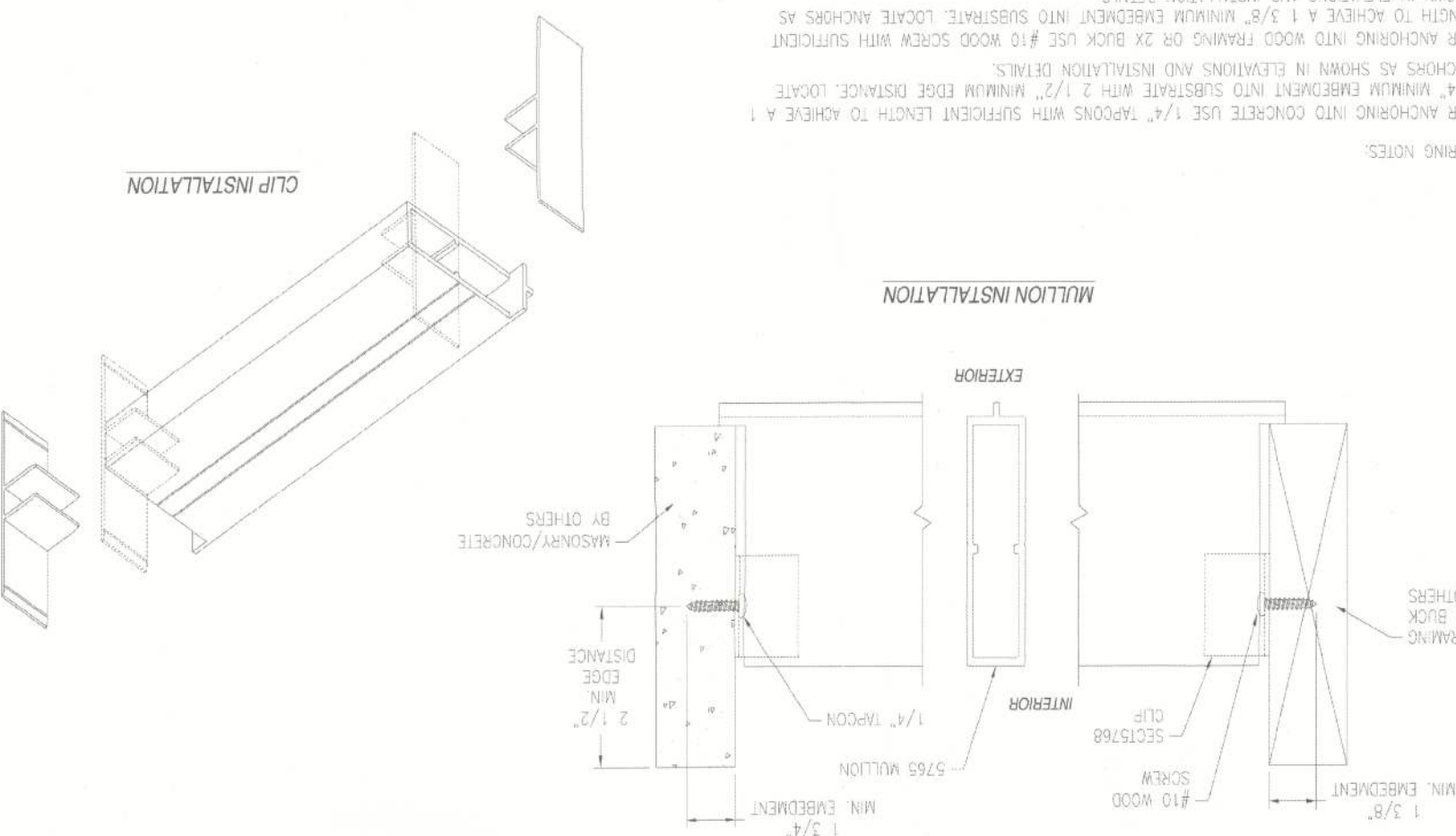
Product Approval FL#13402 Mullion

MI HOME PRODUCTS	DATE	12/13/01
GRAT, PA.	DATE	BB
SERIES 420 A/40 SLIDING GLASS DOOR	DESCRIPTION	CIVIL
INSTALLATION WITH TACCONS	SCALE	N.T.S.
ENGINEER	REVIEW LETTER	SHEET 1 OF 1
MANUEL MARTINEZ	DATE	12/13/01

[illegible][illegible]

Product Approval FL#11956 Sliding Glass Door

MI WINDOWS AND DOORS	650 WEST MARKET STREET GRATZ, PA 17030-0370	5765 HORIZONTAL MULLION SINGLE, TWIN AND TRIPLE WITH TRANSOM	INSTALLATION DETAILS	DATE 08-01-49	QTY 3	SCALE 3 OF 3
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[illegible]

DATE	DESCRIPTION	AMOUNT	CHECK NO.
10/1/2010	DEPOSIT	100.00	
10/5/2010	PAYROLL	50.00	101
10/10/2010	RENT	25.00	102
10/15/2010	SALES	75.00	
10/20/2010	UTILITIES	10.00	103
10/25/2010	INVENTORY	30.00	
10/30/2010	SALES	60.00	
11/5/2010	PAYROLL	50.00	104
11/10/2010	RENT	25.00	105
11/15/2010	SALES	75.00	
11/20/2010	UTILITIES	10.00	106
11/25/2010	INVENTORY	30.00	
11/30/2010	SALES	60.00	
12/5/2010	PAYROLL	50.00	107
12/10/2010	RENT	25.00	108
12/15/2010	SALES	75.00	
12/20/2010	UTILITIES	10.00	109
12/25/2010	INVENTORY	30.00	
12/30/2010	SALES	60.00	
TOTAL		1000.00	

LS-NIM

MI Windows-Block

DRAWN BY: **Fe**

RELEASE DATE:

WAS DESIGNED
AND MEETS THE
OF SECTION
FLORIDA BUILDING
IDENTICAL. ALL
HAVE BEEN CHECKED
ALL APPLICABLE
B. ENCLOSED
SK CATEGORY II.
SPEED

Maronda Homes
4005 MARONDA WAY
SANFORD, FL 32771
(407) 321-0064

Product Approval
FL#11956
FL#13402