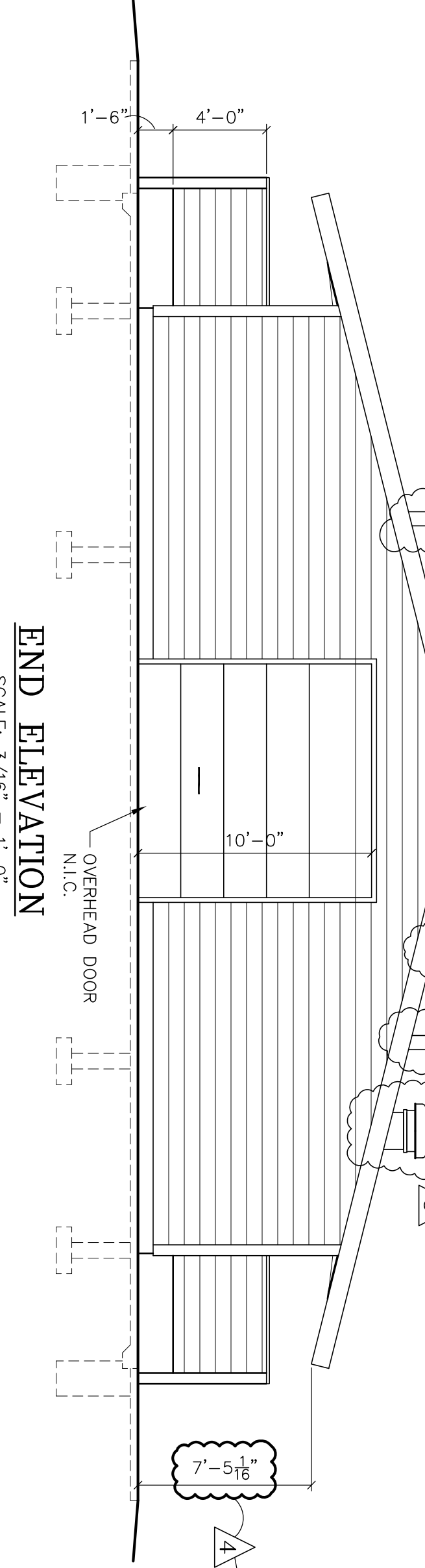
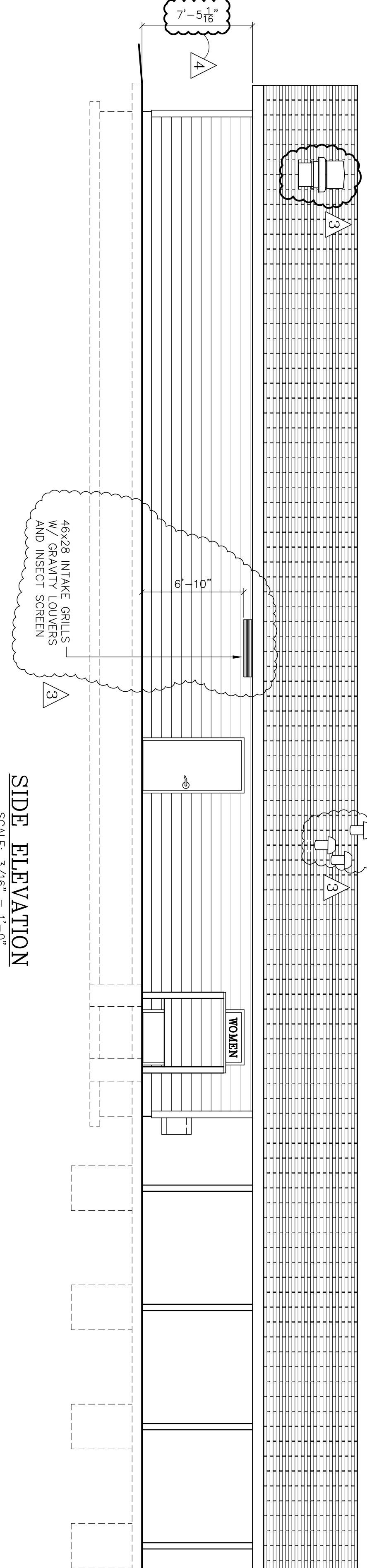


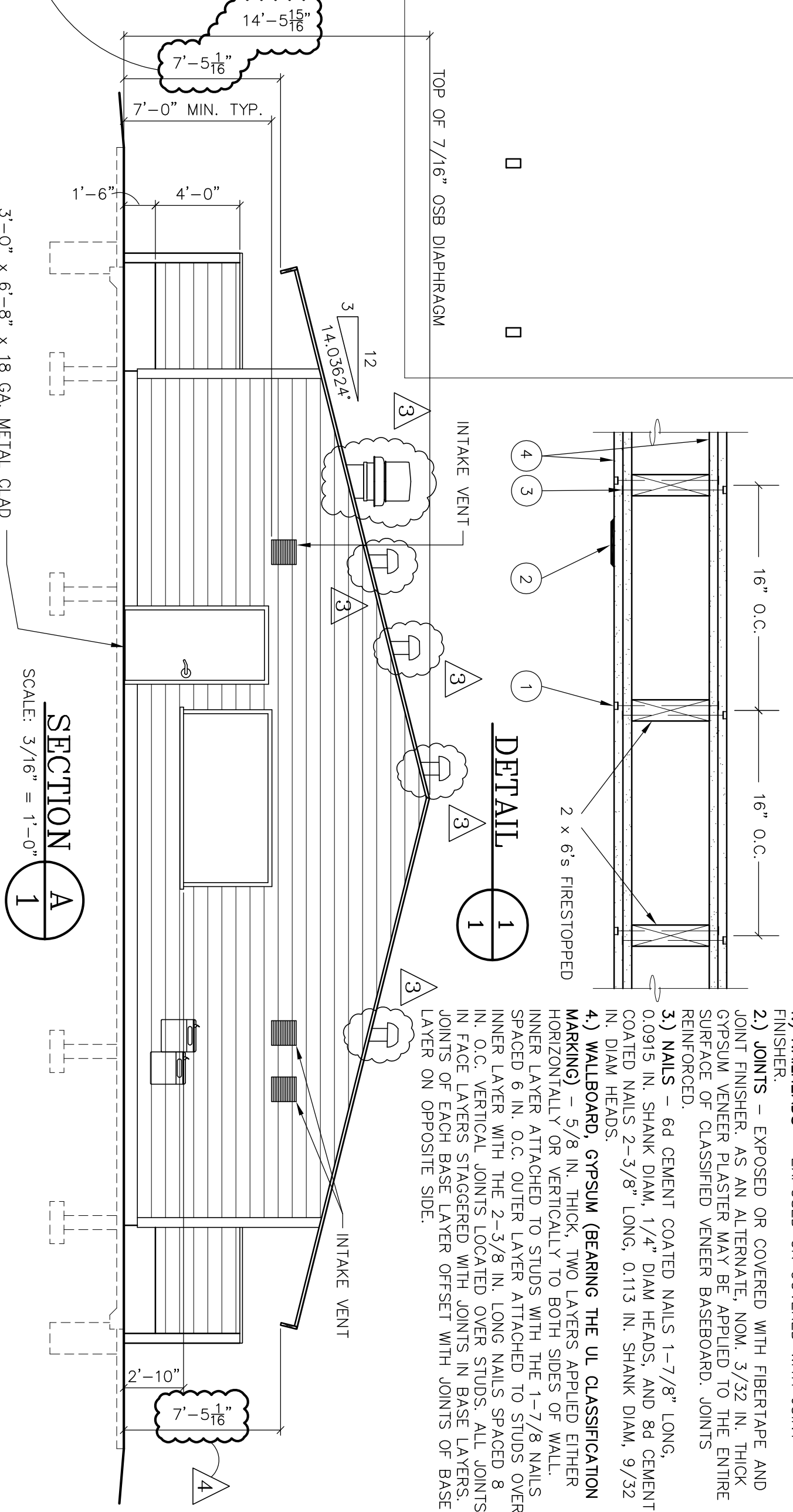
**FLOOR PLAN**  
SCALE: 3/16" = 1'-0"



**END ELEVATION**  
SCALE: 3/16" = 1'-0"



**SIDE ELEVATION**  
SCALE: 3/16" = 1'-0"



**SECTION A**  
SCALE: 3/16" = 1'-0"

**DETAIL 1**

NAILING SCHEDULE	
CONNECTION	NAILS
WALL TOP PLATE TO BEAM (FACE NAIL)	16d
HORIZ. WALL BLOCKING TO STUDS	16d
WALL TOP PLATE TO WALL STUDS (END NAIL)	16d
WALL STUDS TO SOLE PLATE (END NAIL)	16d
SHEATHING TO INTERMEDIATE STUDS	8d
FASGA TO BEAM	12" O.C.
FASGA TO DECKING EDGE	3 @ EACH END
FASGA TO DECKING END	12" O.C.
DECKING TO GLULAM BEAMS	1 @ EACH PIECE
DECKING TO TOP PL. OF WALLS	16d
GYP. BOARD TO STUDS, PLATES, BLOCKING	12" O.C.
STUD TO STUD IN BUILT UP BEAMS	7" O.C.
BUILT UP COLUMNS TO GLULAM BEAMS	8" O.C.
	5 @ EACH SIDE

**DESIGN CERTIFICATION FOR:**

BUILDING SIZE: 50' x 100'  
BUILDING LOCATION: BOILING SPRINGS, PA  
THIS CERTIFICATION OF DRAWINGS IS FOR THE ONE BUILDING ONLY AT THE SITE LISTED ABOVE. IT IS VALID ONLY IF THE MATERIALS SHOWN ON THESE DRAWINGS ARE FURNISHED BY R.C.P. SHELTERS, INC. AND ONLY IF MATERIALS ARE PAID FOR IN FULL. THE CONSULTANT'S RESPONSIBILITY FOR THE DRAWINGS IS NOT MADE IN FULL, THEN CERTIFICATION BECOMES NULL AND VOID.

**DESIGN CRITERIA:**  
Uniform Construction Code w/ International Building Code, 2006 edition  
Type of Construction: Type V-B  
Building Use: Storage S1 (Cold Storage)  
Assembly A-2 (Food Court)  
Building Occupancy Category II  
Mean Roof Height = 11'-6"  
Building Volume = 41,000 cu. ft.  
No. of Occupants = 253

**ROOF LOAD:**  
Asphalt shing. & felt 3.2 psf  
Diaphragm Shing. 1.3  
2" Nom. Wd Deck 4.6  
2 1/2" holl. insul. 2.0  
Misc. 1.9  
Total = 130 psf + framing wt.

**WIND LOAD:**  
V<sub>s</sub> = 90 mph, Exposure 'C', I<sub>w</sub> = 1.0  
C<sub>g</sub> = 0 @ Open Area  
C<sub>g</sub> = ±0.18 @ Enclosed Area  
Components and Cladding Wind Pressures: see sheet 2.

**EARTHQUAKE:**  
I<sub>e</sub> = 1.0  
S<sub>s</sub> = 0.173, S<sub>i</sub> = 0.051  
Site Class D (assumed)  
S<sub>rs</sub> = 0.185, S<sub>ri</sub> = 0.082  
Seismic Design Category B  
Equivalent Lateral Force Procedure  
Seismic Force Applied Parallel or perpendicular to Enclosed Area  
Building Frame System - Light Framed Wall w/ wood structural panels  
R = 7.0  
C<sub>s</sub> = 0.026  
Seismic Force Applied Perpendicular to Ridge @ Open Area  
Cantilevered Columns - Steel frames  
R = 2.5  
C<sub>s</sub> = 0.123

**DESIGN NO. U301**  
**BEARING WALL RATING - 2HR.**  
**FINISH RATING - 66 MIN.**

1) NAILHEADS - EXPOSED OR COVERED WITH JOINT FINISHER.  
2) JOINTS - EXPOSED OR COVERED WITH FIBERFAP AND JOINT FINISHER AS AN ALTERNATE. NOM. 3/32 IN. THICK GYPSUM VENEER PLASTER MAY BE APPLIED TO THE ENTIRE SURFACE OF CLASSIFIED VENEER BASEBOARD JOINTS REINFORCED.  
3) NAILS - 6d CEMENT COATED NAILS 1-7/8" LONG, 0.0915 IN. SHANK DIAM, 1/4" DIAM HEADS, AND 8d CEMENT COATED NAILS 2-3/8" LONG, 0.113 IN. SHANK DIAM, 9/32 IN. DIAM HEADS.  
4) WALLEBOARD, GYPSUM (BEARING THE UL CLASSIFICATION MARKING) - 5/8 IN. THICK, TWO LAYERS APPLIED EITHER HORIZONTALLY OR VERTICALLY TO BOTH SIDES OF WALL. INNER LAYER ATTACHED TO STUDS WITH THE 1-7/8 WALL SPACED 6 IN. O.C. OUTER LAYER ATTACHED TO STUDS OVER INNER LAYER WITH THE 2-3/8 IN. LONG NAILS SPACED 8 IN. O.C. ALL JOINTS STAGGERED WITH JOINTS IN ALL VENTS IN FACE LAYERS STAGGERED WITH JOINTS IN REVERSE LAYER ON OPPOSITE SIDE.

**RCP SHELTERS, INC.**  
2100 SE RAYS WAY STUART, FL 34994  
SHELTERS ■ RESTROOMS ■ BANDSHELLS

PO BOX 25 STUART, FL 34995-0025  
CONCESSIONS ■ MINI-SHELTERS ■ KIOSKS ■ DUGOUTS

LW-G50100-03-ENC-3FSC  
COMMUNITY PARK  
BOILING SPRINGS, PA

Phone 800-525-0207  
www.rcpselters.com

Fax 772-288-0207  
Email info@rcpselters.com

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PROJ. NO.: 08-289  
DRW. NO.: JLD 11-11-08  
CHK'D: RDS 12-8-08  
DESIGNER: JLD  
REV. 1: JLD  
REV. 2: JCS 4-30-09  
REV. 3: JCS 5-7-09  
REV. 4: CJT 6-10-09  
CDD NO.: 7380 RI  
ECG JOB NO.: 7380 R V  
SHEET NO.: 1 OF 9

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