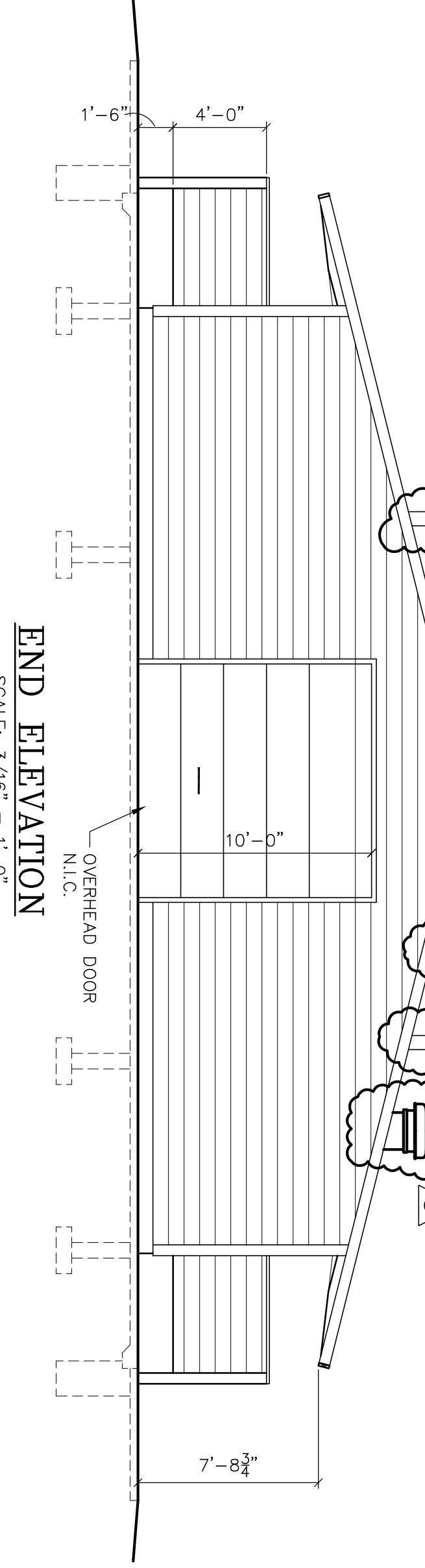
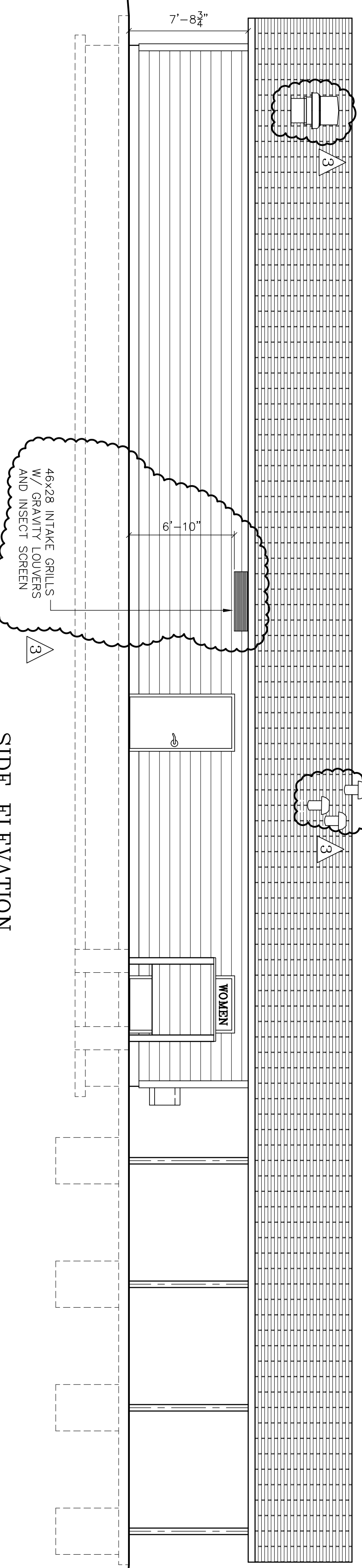


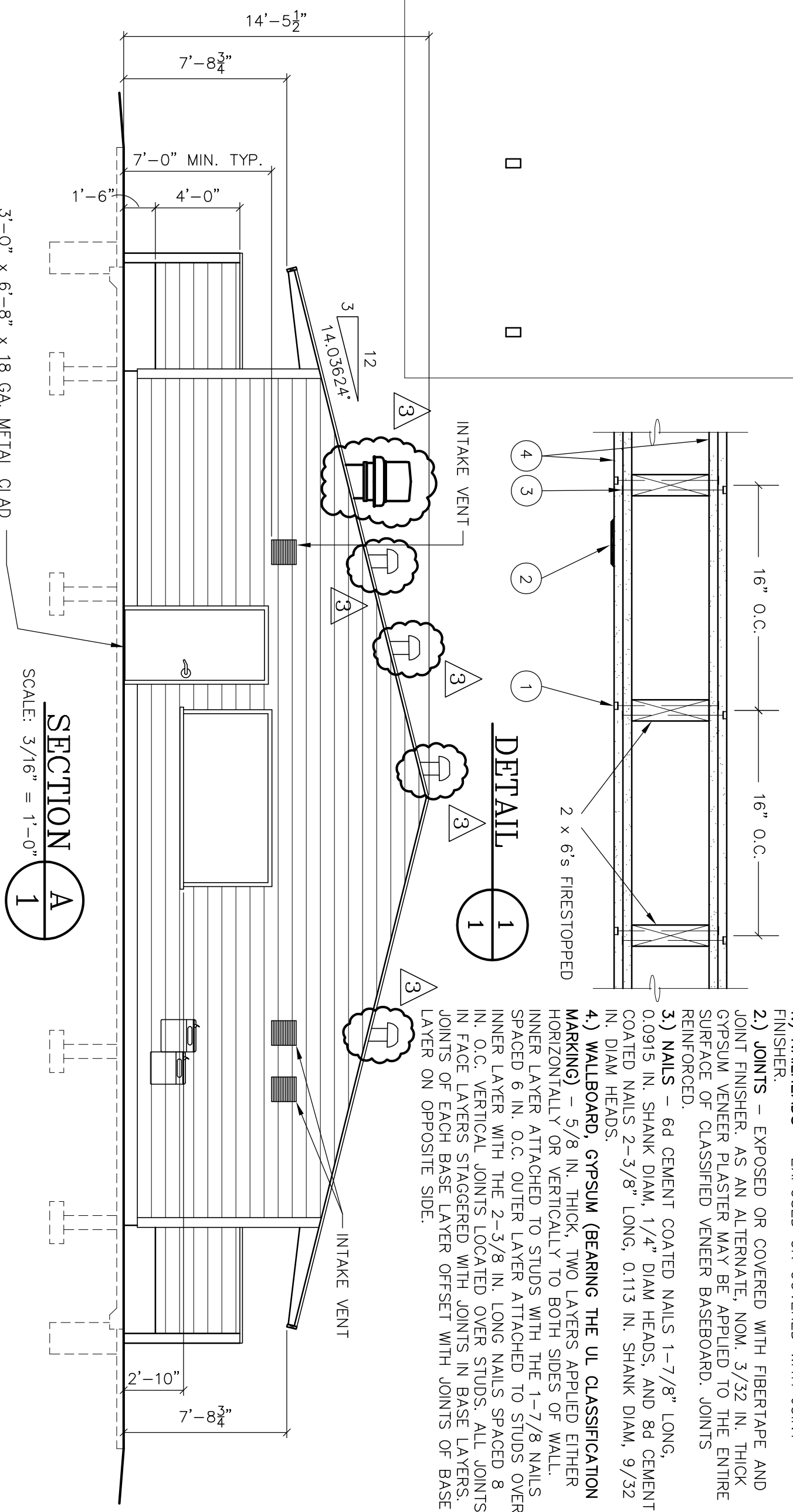
FLOOR PLAN
SCALE: 3/16" = 1'-0"



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 | NO. OR SPACING |
| WALL TOP PLATE TO BEAM (FACE NAIL) | 16d | 12" O.C. |
| HORIZ. WALL BLOCKING TO STUDS | 16d | 2 |
| WALL TOP PLATE TO WALL STUDS (END NAIL) | 16d | 2 |
| WALL STUDS TO SOLE PLATE (END NAIL) | 16d | 2 |
| SHEATHING TO INTERMEDIATE STUDS | 8d | 12" O.C. |
| FASCIA TO BEAM | 10d | 3 @ EACH END |
| FASCIA TO DECKING END | 16d | 12" O.C. |
| DECKING TO DECKING END | 16d | 1 @ EACH PIECE |
| DECKING TO GLULAM BEAMS | 16d | 1-FACE & 1-TOE |
| GYP. BOARD TO STUDS, PLATES, BLOCKING | 16d | 12" O.C. |
| STUD TO STUD IN BUILT UP COLUMNS | 10d | 7" O.C. |
| BUILT UP COLUMNS TO GLULAM BEAMS | 16d | 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 CONSULTING ENGINEER'S SIGNATURE AND SEAL MUST BE 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

WIND LOAD
V₅₀ = 90 mph, Exposure 'C', I_w = 1.0
G_{CF} = 1.0 @ Open Area
G_{CF} = 1.18 @ Enclosed Area
Components and Cladding Wind Pressures: see sheet 2.
EARTHQUAKE
F_v = 1.0
S = 0.0651
Site (Obs. or Assumed)
S_s = 0.185, S₁ = 0.082
Seismic Design Category B
Equivalent Lateral Force Procedure
Seismic Force Applied Parallel to Ridge @ Enclosed Area
Building Frame System - Light Framed Wall w/ wood structural panels
R = 7.0
C_s = 0.026
Seismic Force Applied Perpendicular to Ridge @ Open Area
Centrifugal Columns - Steel frames
R = 2.5
C_s = 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 FIBERTAPE 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. JOINTS SPACED 16 IN. O.C. ALL JOINTS IN FACE LAYERS SPACED 16 IN. O.C. JOINTS IN BACK LAYERS SPACED 16 IN. O.C. JOINTS OF EACH BASE LAYER OFFSET WITH JOINTS OF BASE LAYER ON OPPOSITE SIDE.

WIND LOAD
Total = 1310 psf + framing wt.
Asphalt shing. & Felt 3.5 psf
Diaphragm Shing. 1.5
2" Nom. Wd Deck 4.6
Misc. 3.4
Roof SL P_g = 30 psf (Ground Snow)
P₁ = 0.7 P_g C_e C_t I_s
P₂ = 25 psf
P₃ = P₁ C
3:12 pitch: C_s = 1.0, P_s = 25 psf
USE 30 psf on roof

RCP SHELTERS, INC.
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SHELTERS ■ RESTROOMS
PAVILIONS ■ BANDSHELLS
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Email info@rcpselters.com

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

PROJ. NO.: 08-289
DRWNS: JLD 11-11-08
CHK'D: RDS 12-8-08
FASAMA NO
REV 1: JLD
REV 2: JCS 4-30-09
REV 3: JCS 5-7-09
C/D NO.: 7380 RI
E/C JOB NO.: 7380 R V
SHEET NO.: 1 OF 8

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