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LW-G50100-03-ENC-3FSC

COMMUNITY PARK

BOILING SPRINGS, PA

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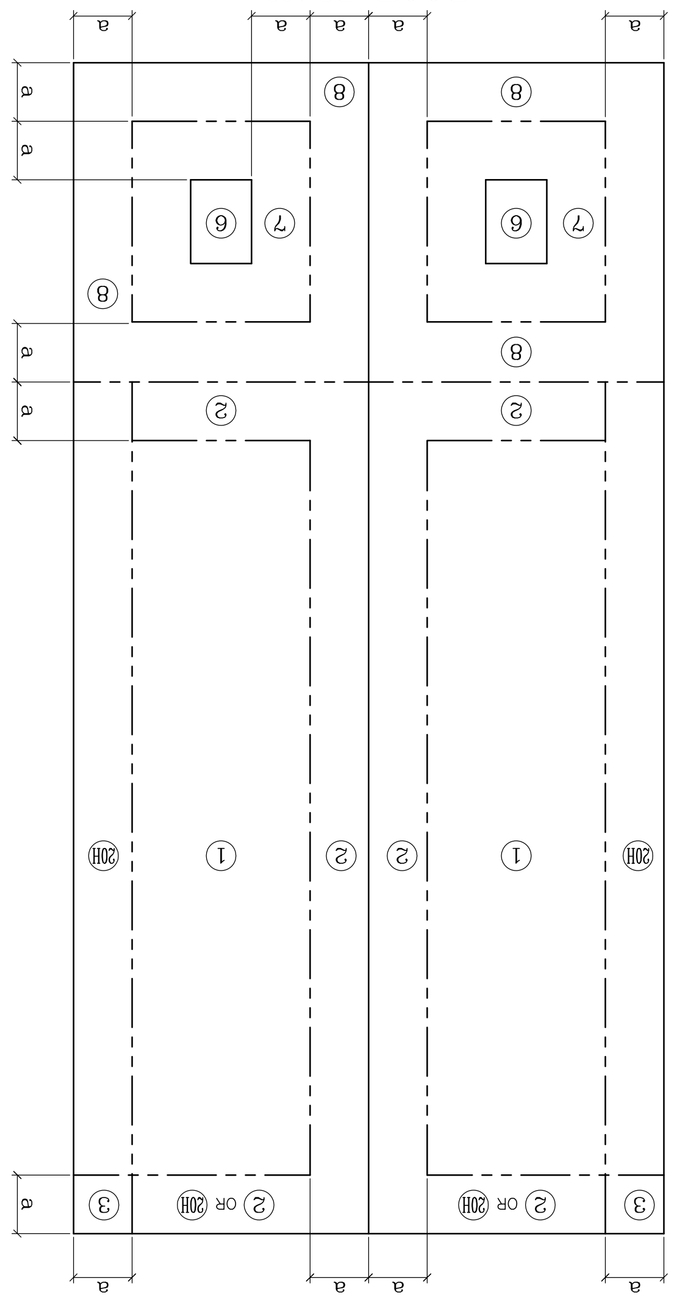
PROJ. NO.:	08-289
DRAWN:	JLD 11-11-08
CHK'D:	RDS 12-8-08
PLASMA VERIFIED:	NO
REV 1:	JLD
REV 2:	JCS 4-21-09
REV 3:	
REV 4:	
CAD NO.:	7380 R2
EEC JOB NO.:	7380 R V
SHEET NO.:	2 OF 8

ROOF PLAN

a = 5'-0"



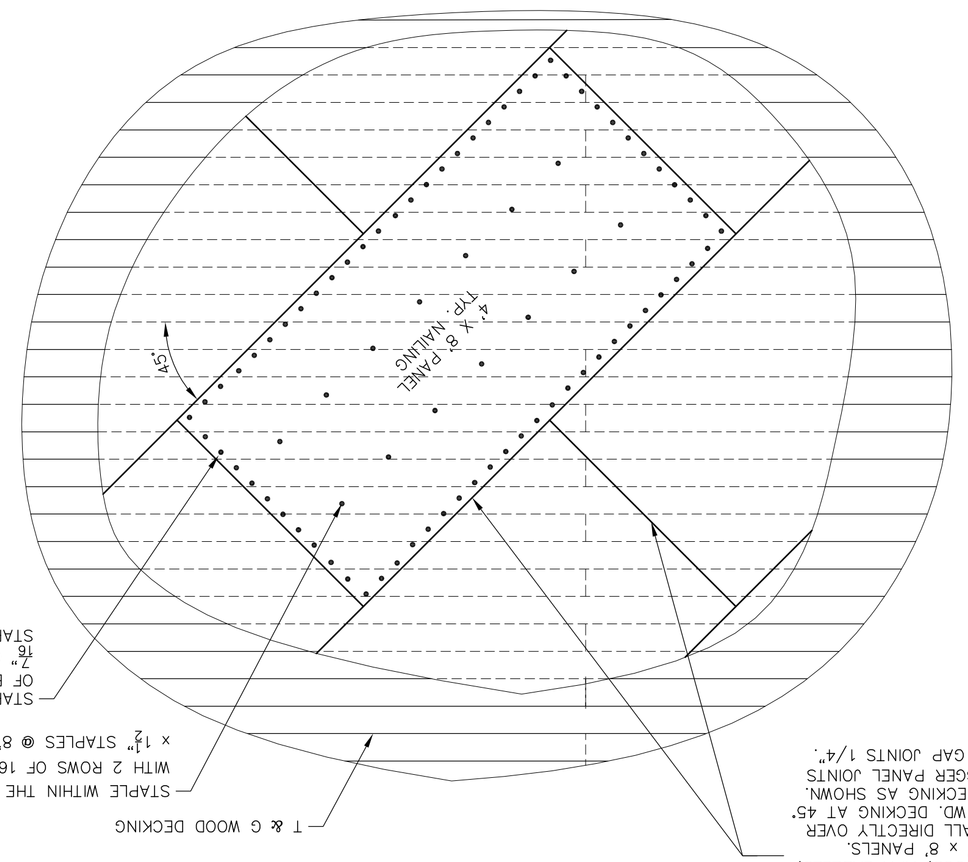
DESIGN PRESSURES FOR COMPONENTS & CLADDING

ZONE	PRESSURE	SUCTION
1	10 PSF	-16 PSF
2	10 PSF	-28 PSF
20H	10 PSF	-33 PSF
3	10 PSF	-56 PSF
4	18 PSF	-19 PSF
5	18 PSF	-24 PSF
6	14 PSF	-21 PSF
7	22 PSF	-31 PSF
8	28 PSF	-44 PSF

GENERAL NOTES REGARDING ROOF DIAPHRAGM.

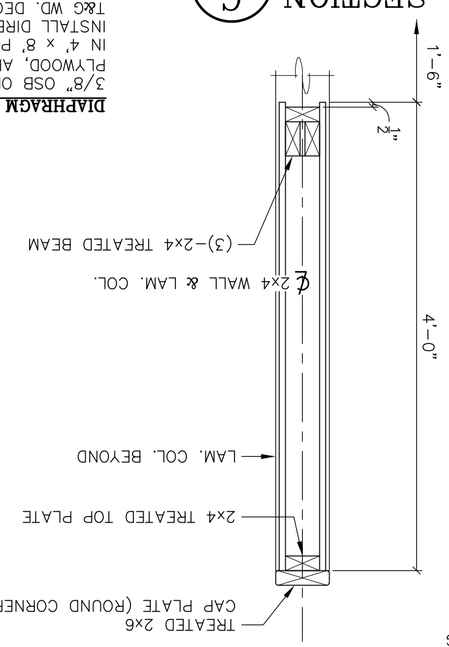
1. T&G DECKING TO BE INSTALLED PER SUPPLIER'S SPECIFICATIONS USING COMMON OR RING SHANK NAILS.
2. INSTALL DIAPHRAGM PANELS (PLYWD OR OSB) DIRECTLY OVER T&G WOOD DECK STAGGER JOINTS APPROX. 4 FT. PROVIDE 1/4" GAP AT ALL JOINTS.
3. STAPLES TO BE 16 GAUGE × 1 1/2" w/ 7/16" MIN O.D. CROWN.
4. PROTECT SHEATHING WITH 15# FELT IMMEDIATLY AFTER INSTALLATION.

ROOF DIAPHRAGM

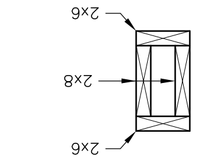


DIAPHRAGM OVERLAY
3/8" OSB OR CD-X PLYWOOD, APA LABELED, IN 4' x 8' PANELS. INSTALL DIRECTLY OVER T&G WD. DECKING AT 45° TO DECKING AS SHOWN. STAGGER PANEL JOINTS AND GAP JOINTS 1/4".

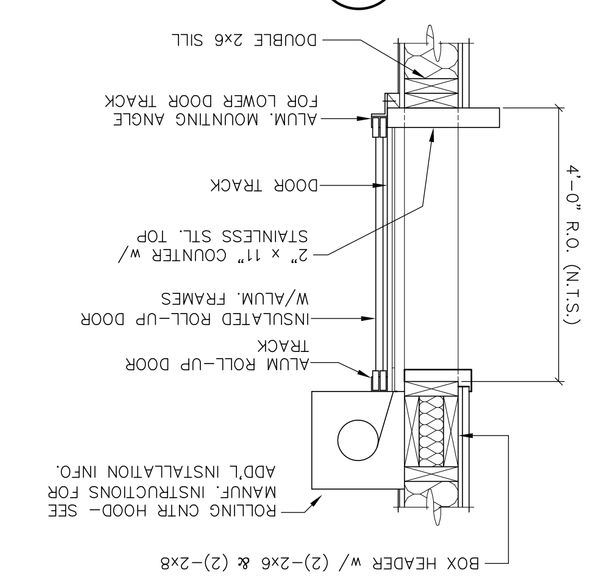
SECTION C/2



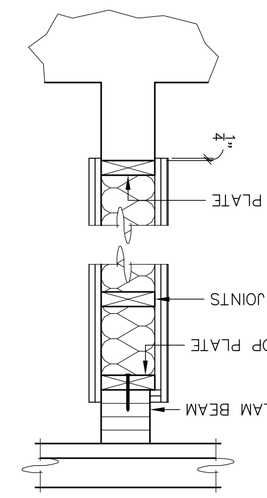
SECTION B/2



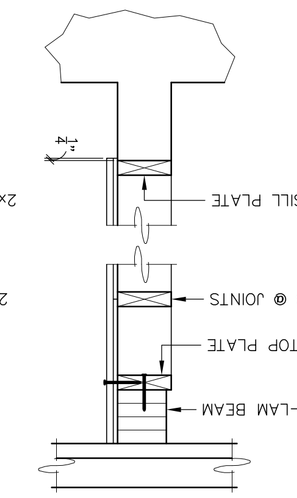
SECTION A/2



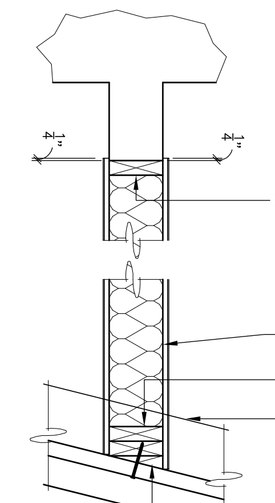
SECTION H/2



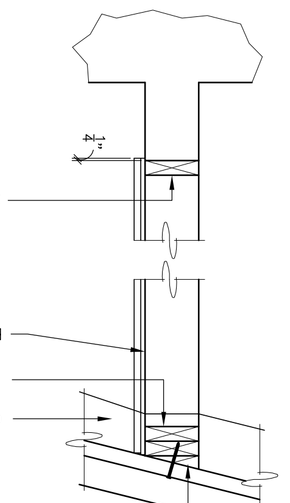
SECTION G/2



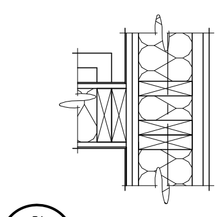
SECTION F/2



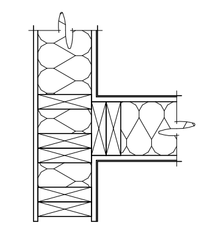
SECTION E/2



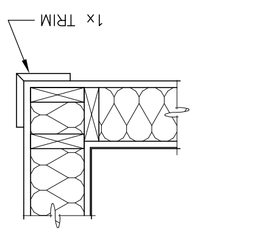
DETAIL 1/2



DETAIL 2/2

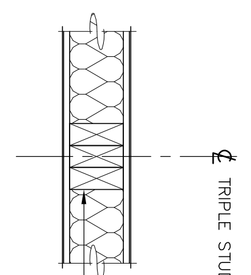


DETAIL 3/2 (TYP. 2 LOCATIONS)

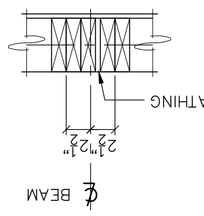


FRP PANELS FIELD LAMINATED TO 1/2" MOISTURE RESISTANT GYPSUM BOARD BY GC. ADHESIVE SUPPLIED BY RCP.

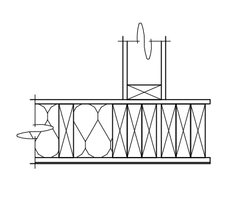
DETAIL 4/2 (TYP. 4 LOCATIONS)



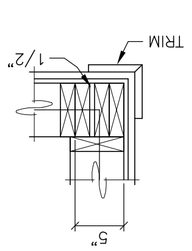
DETAIL 5/2



DETAIL 6/2



DETAIL 7/2 (BUILT-UP COL.)



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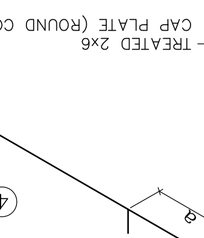

WALL TYPE 1/2

SIDING
#15 ASPHALT FELT
7/16" OSB or CD-X SHEATHING
2x6 STUDS @ 16" O.C.
FIBERGLASS BATT INSULATION (R-19 MIN.)
1/2" M.R. GYP. BD.
FRP PANELS.

WALL TYPE 2/2

7/16" OSB or CD-X SHEATHING
2x6 STUDS @ 16" O.C.
FIBERGLASS BATT INSULATION (R-19 MIN.)
1/2" M.R. GYP. BD.
FRP PANELS.

WALL TYPE 3/2

SIDING
#15 ASPHALT FELT
7/16" OSB or CD-X SHEATHING
2x6 STUDS @ 16" O.C.

WALL TYPE 4/2

FRP PANELS
1/2" M.R. GYP. BD.
2x6 STUDS @ 16" O.C.
FIBERGLASS BATT INSULATION (R-19 MIN.)
1/2" M.R. GYP. BD.
FRP PANELS

WALL TYPE 5/2

SIDING
2x4 STUDS @ 16" O.C.
SIDING