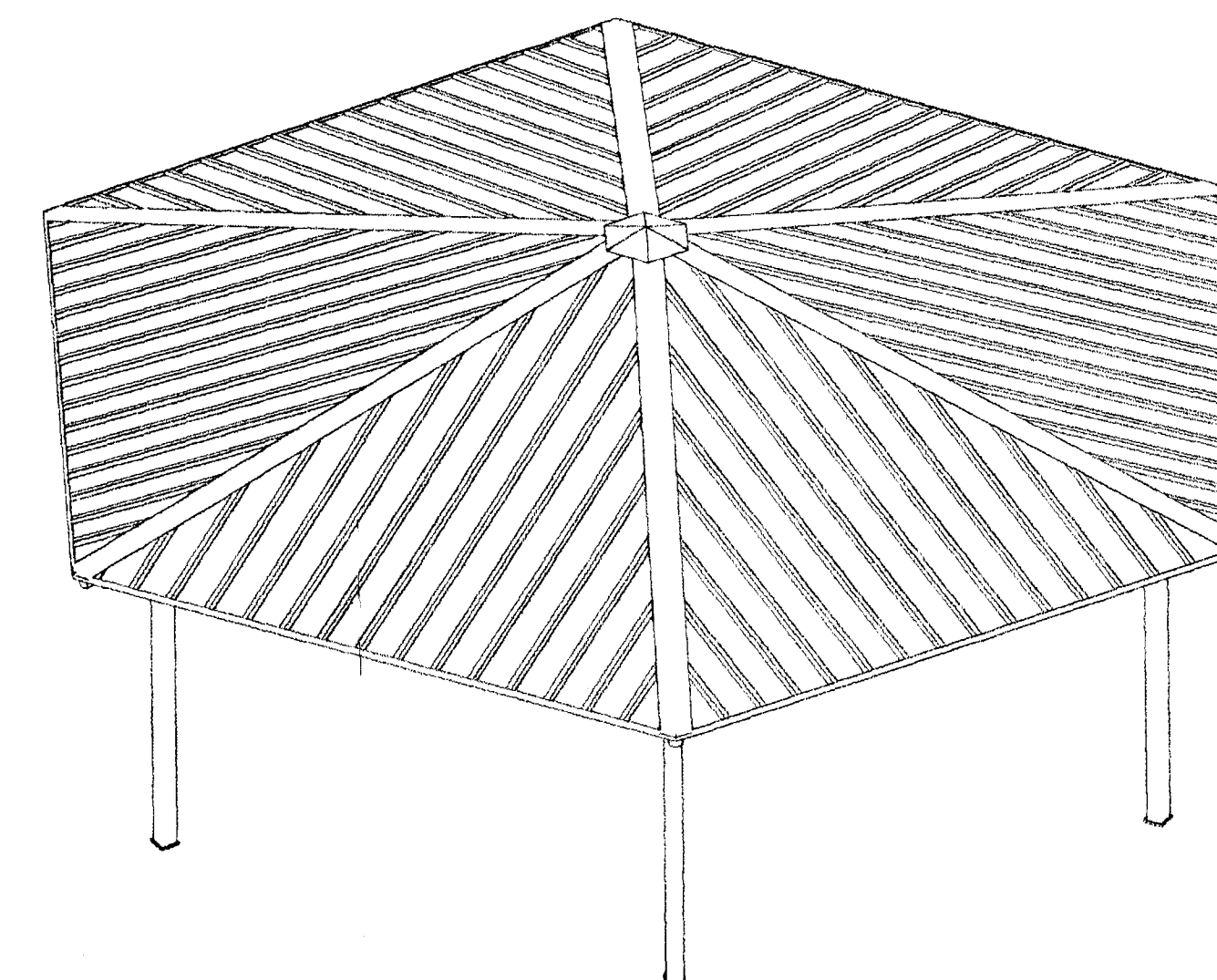
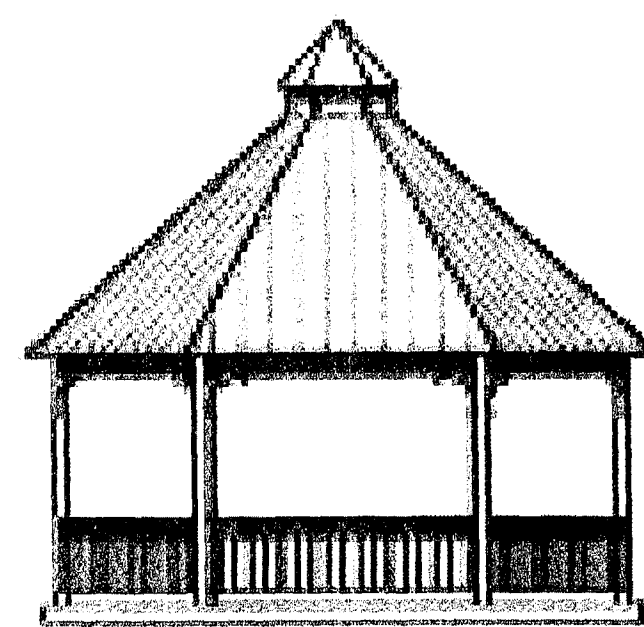




A Division of PORTERCORP 4240 N. 136th AVE HOLLAND, MI 49424 (616) 399-1963
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Copyright laws protect the style and visual appearance of the structure while patents may protect other parts of the design.

BUILDING TYPE: HEXAGON 32 W/ MULTI RIB ROOF

JOB NUMBER: 46543

MATERIALS	ASTM DESIGNATION
TUBE STEEL	A-500 GRADE B
LIGHT GAGE COLD FORMED	A-570 GRADE 55
STRUCTURAL STEEL PLATE	A-36
ROOF PANELS (STEEL)	A-446
ANCHOR BOLTS	A-307

HIGH STRENGTH BOLTING
ALL HIGH STRENGTH BOLTS ARE A325 WITH HEAVY HEX NUTS AND ARE TO BE INSTALLED BY THE "TURN-OF-THE-NUT" METHOD SPECIFIED IN THE THIRTEENTH EDITION OF THE AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS" PER SECTION 8 D (1). A325 BOLTS MAY BE INSTALLED WITHOUT WASHERS WHEN TIGHTENED BY THE "TURN-OF-THE-NUT" METHOD. IT IS THE RESPONSIBILITY OF THE ERECTOR TO INSURE PROPER TIGHTNESS.

ALL WELDING IS PERFORMED BY AWS CERTIFIED WELDERS AND CONFORMS TO THE LATEST EDITION OF AWS D1.1 OR D1.3 AS REQUIRED.

IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO THE MATERIALS SUPPLIED BY POLIGON AND PORTERCORP AND IS NOT INTENDED AS THE SEAL OF THE ENGINEER OF RECORD FOR THE ENTIRE PROJECT.

PARTS SHOWN MAY BE UPGRADED DUE TO STANDARDIZED FABRICATION. REFER TO THE SHIPPING BILL OF MATERIALS FOR POSSIBLE SUBSTITUTIONS.

FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT THE PRIMARY FRAME INSTALLER AND THE ROOF INSTALLER HAVE A MINIMUM FIVE (5) YEARS DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT.

FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT ELECTRIC WIRING, IF REQUIRED, IS RAN THROUGH THE STRUCTURAL MEMBERS BEFORE THE BUILDING IS ERECTED.

FABRICATOR APPROVALS
CITY OF LOS ANGELES, CA APPROVED FABRICATOR #1596
CITY OF HOUSTON, TX APPROVED FABRICATOR #470
CITY OF RIVERSIDE APPROVED FABRICATOR #SP06-0033
STATE OF UTAH APPROVED FABRICATOR 02008-14
CLARK COUNTY NEVADA APPROVED FABRICATOR #264

CERTIFICATES
MIAMI-DADE COUNTY CERTIFICATE OF COMPETENCY NO. 09-0804.03

2006 International Building Code

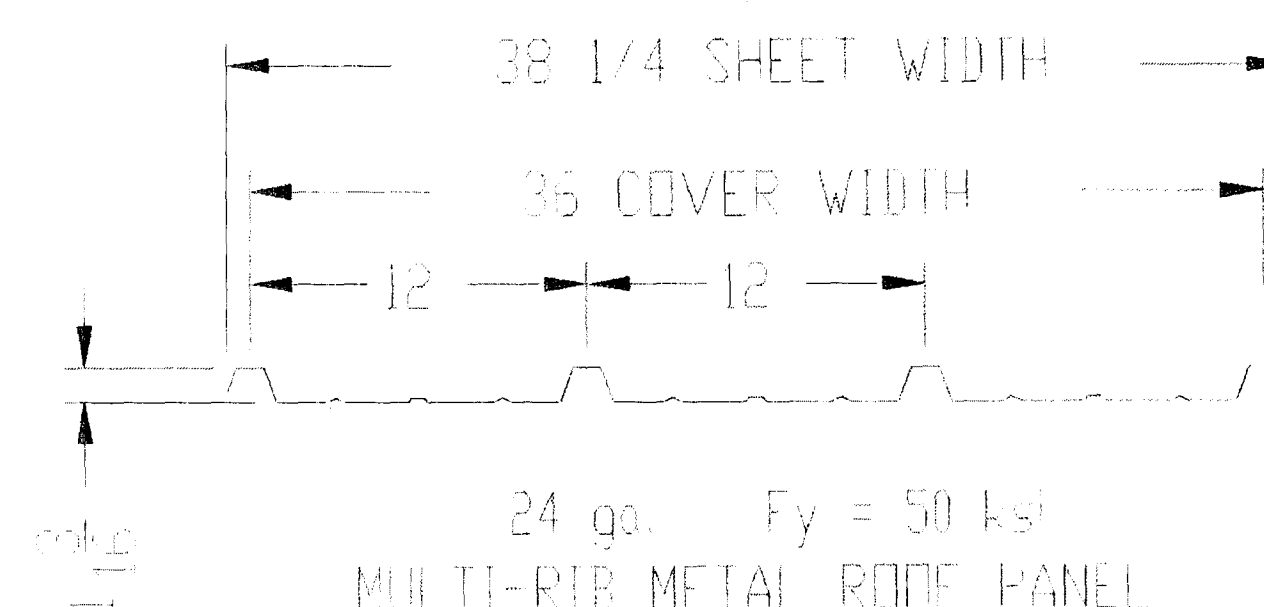
WEIGHT OF ROOFING SYSTEM:
DOWNWARD FORCE: 6 PSF
UPLIFT: 2 PSF

ROOF LIVE LOAD: 20 PSF

SNOW LOAD:
GROUND SNOW LOAD: 10 PSF
SNOW EXPOSURE FACTOR: 1.0
SNOW LOAD IMPORTANCE FACTOR: 1.0
THERMAL FACTOR: 1.2

WIND LOAD:
BASIC WIND SPEED: 90 MPH
GUST EFFECT FACTOR: 0.985
WIND IMPORTANCE FACTOR: 1.0
INTERNAL PRESSURE COEFFICIENT: 0
WIND EXPOSURE: C

SEISMIC DESIGN:
ORDINARY STEEL MOMENT FRAME
SEISMIC IMPORTANCE FACTOR: 1.0
SEISMIC DESIGN CATEGORY: D
SEISMIC SITE CLASS: D
OCCUPANCY CATEGORY: II



PROJECT NAME: SANDHILL OWENS PARK & TRAILHEAD

PROJECT LOCATION: SANHILL DRIVE & OWENS AVENUE

DRAWING LIST:

SHEET NUMBER	DRAWING DESCRIPTION
PR.11	COVER SHEET
PR.12	ANCHOR LAYOUT
PR.13	FOOTING DETAILS
PR.14	STRUCTURAL FRAMING PLAN
PR.15	FRAME CONNECTION DETAILS
PR.16	FRAME CONNECTION DETAILS (CONTINUED)
PR.17	ARCHITECTURAL ELEVATIONS
PR.18	PRIMARY ROOF LAYOUT
PR.19	ROOF CONNECTION DETAILS
PR.20	ROOF INSTALLATION

PATENTED AND/OR PATENTS PENDING COPYRIGHT 2006 PORTERCORP HOLLAND, MI 49424

PROJECT: SANDHILL OWEN PARK & TRAILHEAD

PROJECT LOCATION: HENDERSON, NV 89074

DRAWING: COVER SHEET

PRINT DATE: 10/9/2009

DRAWN BY: jerdre

SCALE: 1:104

CREATION DATE: 5/27/2009

REV LEVEL: A

JOB NO: 46543

HXE-32-MR-B2-46543

poligon
PARK ARCHITECTURE

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by PORTER CORP

PORTERCORP 4240 N. 136th AVE HOLLAND, MI 49424

SHEET

PR.11

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