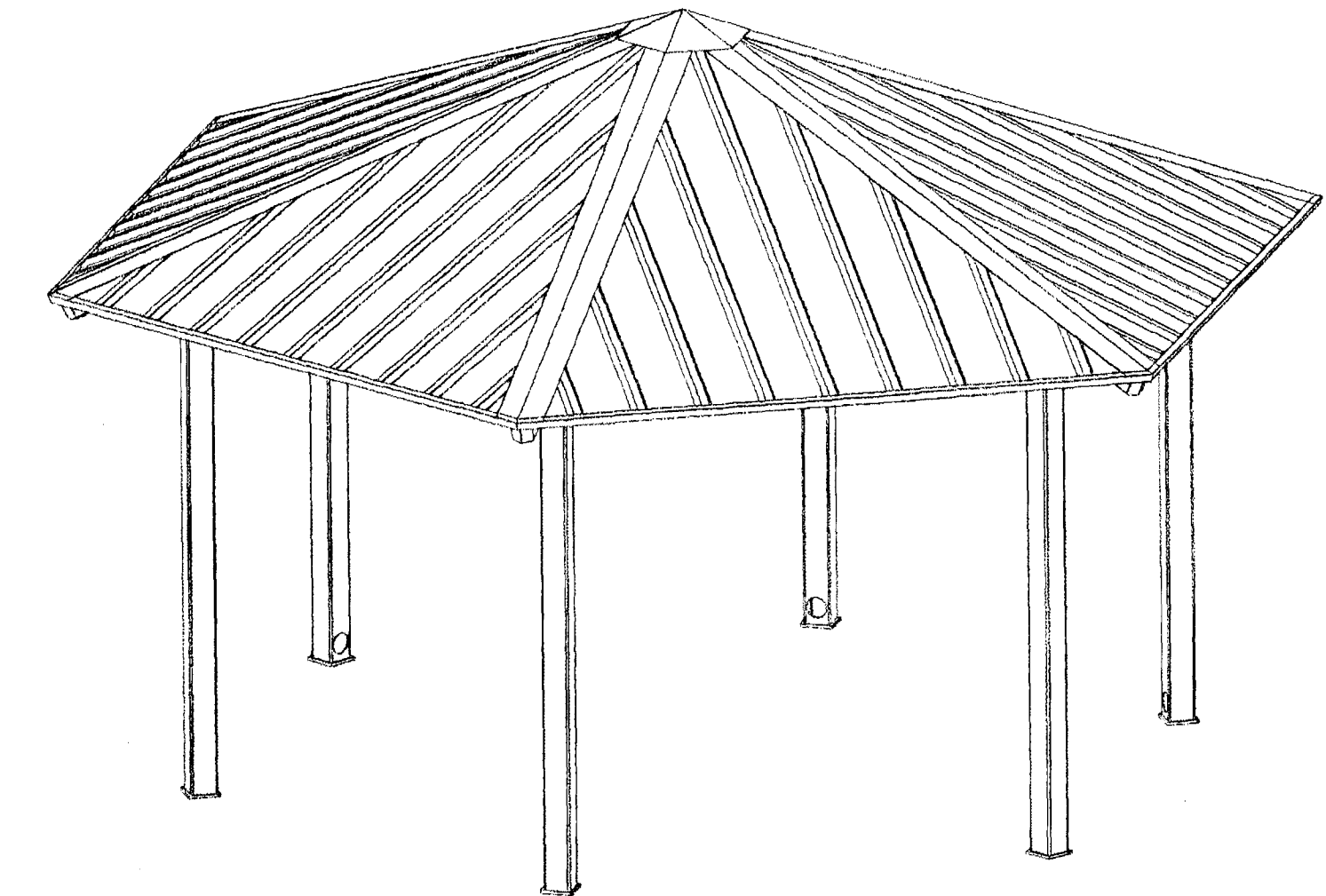


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PARK ARCHITECTURE



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 by PORTERCORP
 PORTERCORP 4240 N. 136th AVE HOLLAND, MI 49424

BUILDING TYPE: HEXAGON 20 w/MULTI RIB ROOF

JOB NUMBER: 46542

PROJECT NAME: SANDHILL OWENS PARK & TRAILHEAD

PROJECT LOCATION: SANDHILL ROAD & OWENS AVENUE

DRAWING LIST:

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

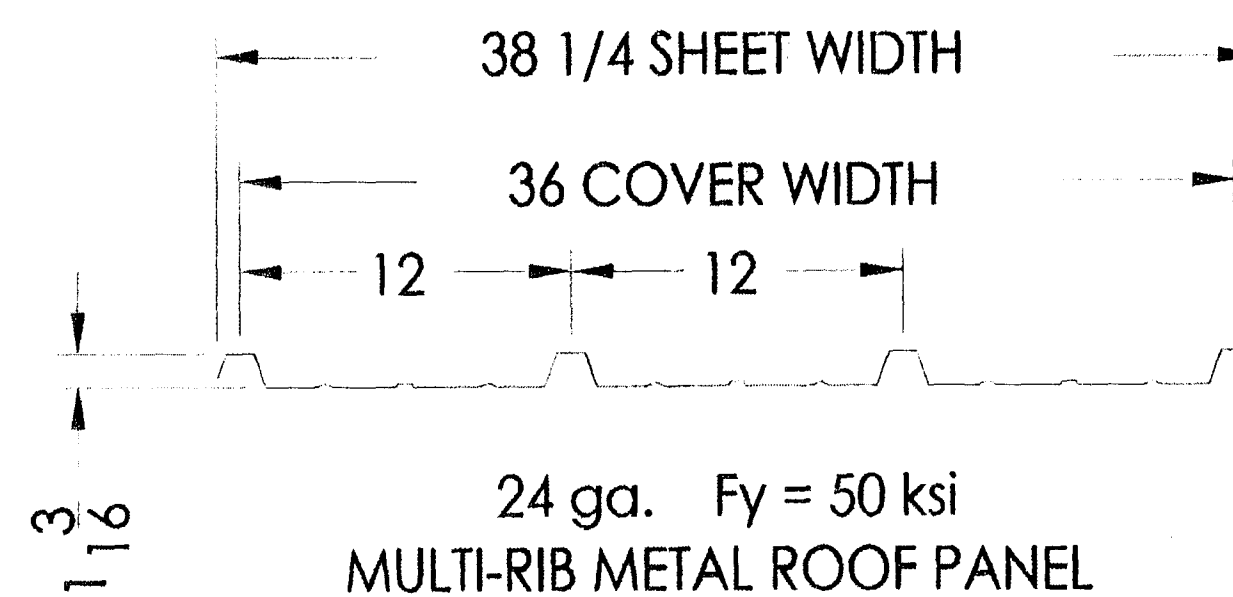
ROOF LIVE LOAD: 20 PSF

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 (G): 0.85
 WIND IMPORTANCE FACTOR: 1.0
 INTERNAL PRESSURE COEFFICIENT: 0
 WIND EXPOSURE: C

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

SHEET NUMBER	DRAWING DESCRIPTION
PR.01	COVER SHEET
PR.02	ANCHOR LAYOUT
PR.03	FOOTING DETAILS
PR.04	STRUCTURAL FRAMING PLAN
PR.05	FRAME CONNECTION DETAILS
PR.06	FRAME CONNECTION DETAILS (CONTINUED)
PR.07	ARCHITECTURAL ELEVATIONS
PR.08	PRIMARY ROOF LAYOUT
PR.09	SECONDARY ROOF LAYOUT
PR.10	ROOF CONNECTION DETAILS
PR.11	LIGHTNING PROTECTION
PR.12	ROOF INSTALLATION



PRINT DATE: 10/9/2009
 SCALE: 1:64
 DRAWN BY: brfstc
 REV LEVEL: A
 CREATION DATE: 5/27/2009
 JOB NO: 46542
 PROJECT: SANDHILL OWEN PARK & TRAILHEAD
 PROJECT LOCATION: HENDERSON, NV 89074
 CAD MODEL: HXE-20-F1-B2-46542
 DRAWING: COVER SHEET
 SHEET
PR.01

THIS SEAL PERTAINS ONLY TO THE MATERIALS SUPPLIED BY POLIGON.
 THIS SEAL DOES NOT SERVE AS - OR REPRESENT - THE PROJECT
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