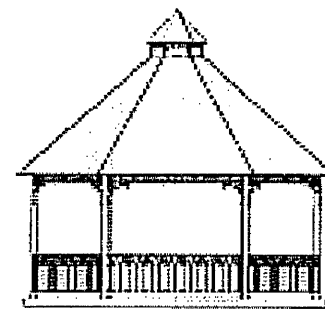
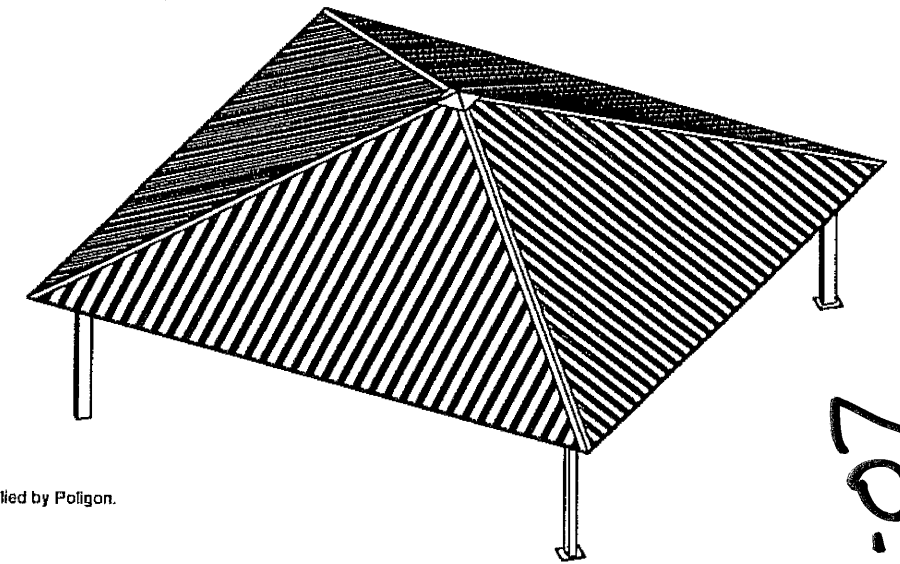




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PARK ARCHITECTURE



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BUILDING TYPE: SQUARE 36 MULTI-RIB ROOF

JOB NUMBER: 43291

PROJECT NAME: LORENZI PARK

PROJECT LOCATION: LAS VEGAS, NV

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 NINTH 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 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 RUN 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  
COUNTY OF SAN BERNARDINO, CA APPROVED FABRICATOR #173  
CLARK COUNTY NEVADA APPROVED FABRICATOR #264

2006 INTERNATIONAL BUILDING CODE  
WITH NEVADA AMENDMENTS

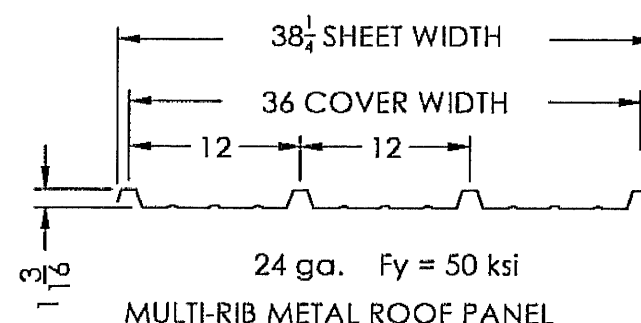
ROOF DEAD LOAD: 2 PSF

ROOF LIVE:  
ROOF LIVE LOAD: 20 PSF

SNOW LOAD:  
GROUND SNOW LOAD: 35.71 PSF  
ROOF SNOW LOAD: 30 PSF  
SNOW EXPOSURE FACTOR: 1.0  
SNOW LOAD IMPORTANCE FACTOR: 1.0  
THERMAL FACTOR: 1.2

WIND LOAD:  
BASIC WIND SPEED: 100 MPH  
WIND IMPORTANCE FACTOR: 1.0  
GUST EFFECT FACTOR: .85  
FOR OPEN BUILDINGS: 0

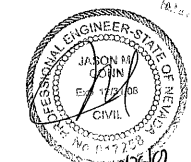
SEISMIC DESIGN:  
CANTILEVERED COLUMN SYSTEM  
SEISMIC IMPORTANCE FACTOR: 1.0  
SEISMIC DESIGN CATEGORY: D  
SEISMIC SITE CLASS: D  
SEISMIC USE GROUP: I



| SHEET NUMBER | DRAWING DESCRIPTION                  |
|--------------|--------------------------------------|
| SS5.0        | COVER SHEET                          |
| SS5.1        | ANCHOR LAYOUT                        |
| SS5.2        | FOOTING DETAILS                      |
| SS6.0        | STRUCTURAL FRAMING PLAN              |
| SS6.1        | FRAME CONNECTION DETAILS             |
| SS6.2        | FRAME CONNECTION DETAILS (CONTINUED) |
| SS7.0        | ARCHITECTURAL ELEVATIONS             |
| SS8.0        | ROOF LAYOUT                          |
| SS8.1        | ROOF CONNECTION DETAILS              |
| SS8.2        | ROOF INSTALLATION                    |

CHANGE BLOCK:

△ UPDATED SHEET SS5.2  
10/16/2007



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PORTERCORP 4240 N. 136th AVE HOLLAND, MI 49424

PRINT DATE: 10/17/2007  
SCALE: 1:140  
DRAWN BY: belbol  
REV LEVEL: A08  
CREATION DATE: 1/29/2007  
JOB NO: 43291



PROJECT: LORENZI PARK  
PROJECT LOCATION: LAS VEGAS, NV  
DRAWING: COVER SHEET  
CAD MODEL: SQR36MR-B1-43291

SHEET  
SS5.0