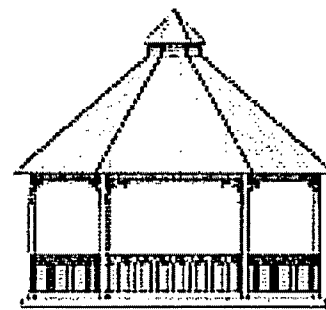
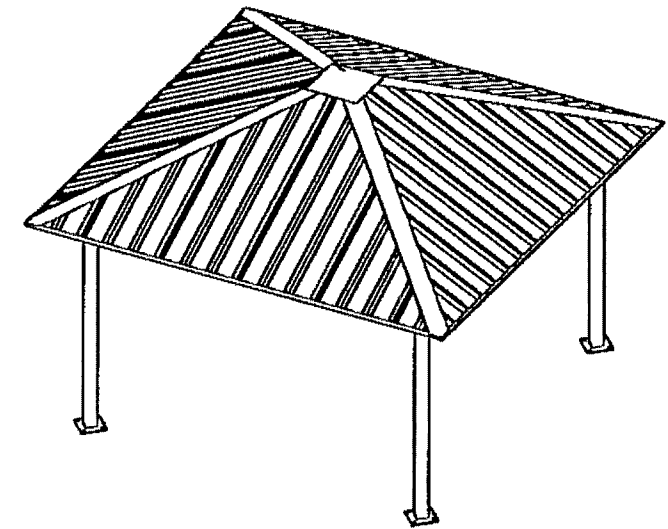




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PARK ARCHITECTURE

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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: SQUARE 16 MULTI RIB ROOF

JOB NUMBER: 43292

PROJECT NAME: LORENZI PARK

PROJECT LOCATION: LAS VEGAS, NV

DRAWING LIST:

**MATERIALS** **ASTM DESIGNATION**

TUBE STEEL  
LIGHT GAGE COLD FORMED  
STRUCTURAL STEEL PLATE  
ROOF PANELS (STEEL)  
ANCHOR BOLTS - 1/2" DIAMETER  
ANCHOR BOLTS - 3/4" AND LARGER

A-500 GRADE B  
A-570 GRADE 55  
A-36  
A-446  
A-307  
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 RECOMENDED THAT THE PRIMARY FRAME INSTALLER AND THE ROOF INSTALLER HAVE A MINIMUM FIVE (5) YEARS DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT.

**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  
W/ NEVADA AMENDMENTS

ROOF DEAD LOAD: 2 PSF

ROOF LIVE:  
ROOF LIVE LOAD: 20 PSF

**SNOW LOAD:**

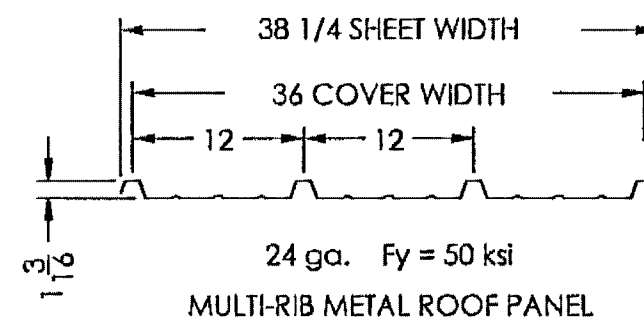
GROUND SNOW LOAD: 35.71 PSF  
ROOF SNOW LOAD: 30 PSF  
SNOW EXPOSURE FACTOR: 1.0  
SNOW LOAD IMPORTANCE FACTOR: 1.0  
THERMAL FACTOR: 1.2

**WIND LOAD:**

BASIC WIND SPEED: 100 MPH  
WIND IMPORTANCE FACTOR: 1.0  
WIND EXPOSURE: C  
INTERNAL PRESSURE COEFFICIENT: 0

**SEISMIC DESIGN:**

ORDINARY STEEL MOMENT FRAME  
SEISMIC IMPORTANCE FACTOR: 1.0  
SEISMIC DESIGN CATEGORY: D  
SEISMIC SITE CLASS: D  
SEISMIC USE GROUP: I



| SHEET NUMBER | DRAWING DESCRIPTION                  |
|--------------|--------------------------------------|
| SS9.0        | COVER SHEET                          |
| SS9.1        | ANCHOR LAYOUT                        |
| SS9.2        | FOOTING DETAILS                      |
| SS10.0       | STRUCTURAL FRAMING PLAN              |
| SS10.1       | FRAME CONNECTION DETAILS             |
| SS10.2       | FRAME CONNECTION DETAILS (CONTINUED) |
| SS11.0       | ARCHITECTURAL ELEVATIONS             |
| SS12.0       | ROOF LAYOUT                          |
| SS12.1       | ROOF CONNECTION DETAILS              |
| SS12.2       | ROOF INSTALLATION                    |

**CHANGE BLOCK:**

△ UPDATED SHEET SS9.2  
10/16/2007

**RECORD DRAWINGS  
NOT FOR CONSTRUCTION**

1. TO ALTER THESE DOCUMENTS FOR ANOTHER PROJECT BY ANYONE OTHER THAN THE ORIGINAL ARCHITECT IS A VIOLATION OF AISC 603.
2. THIS RECORD DRAWING HAS BEEN PREPARED IN PART, BASED UPON INFORMATION FURNISHED BY THE GENERAL CONTRACTOR, WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, THE DESIGN PROFESSIONAL CANNOT ASSURE ITS ACCURACY, AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING OR FOR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THE DESIGN PROFESSIONAL CANNOT AND DOES NOT WARRANT THEIR ACCURACY.
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RECORD DRAWING 7-10-08

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PORTERCORP 4240 N. 136th AVE HOLLAND, MI 49424

PRINT DATE: 10/17/2007  
SCALE: 1:84  
DRAWN BY: betbot  
REV LEVEL: A07  
JOB NO: 43292

PROJECT: LORENZI PARK  
PROJECT LOCATION: LAS VEGAS, NV  
DRAWING: COVER SHEET  
CAD MODEL: SQR-16MR-B1-43292

SHEET  
SS9.0