REINFORCED CONCRETE NOTES

1.- CONCRETE WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE BUILDING CODE. CONCRETE SPECIFICATIONS , SHALL BE AS FOLLOWS:

- 28 DAY STRENGTH: 4500 PSI
- SLUMP: 3-5
- PORTLAND CEMENT SHALL CONFORM TO C-150
- AGGREGATE SHALL CONFORM TO ASTM C-33
- CONCRETE SHALL CONFORM TO ACI-318-05, TABLE 4.3.1 REQUIREMENTS
- CEMENT TYPE: V
- MAXIMUM WATER-CEMENTITIOUS MATERIAL RATIO: 0.45

2.- ALL REINFORCEMENT SHALL CONFORM TO ASTM A-615 GRADE 60. REINFORCING STEEL SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH THE LATEST ACI DETAILING MANUAL AND CRSI MANUAL OF STANDARD PRACTICE.

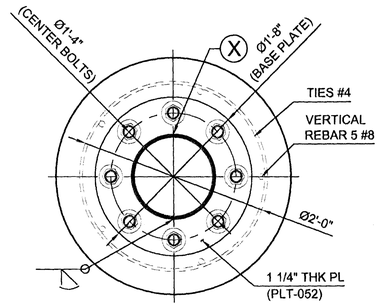
3.- ALL ANCHOR BOLTS SET IN NEW CONCRETE (WHEN APPLICABLE) SHALL COMPLY WITH ASTM F-1554 GRADE 55 (GALVANIZED)

4.- ALL NON-SHRINK GROUT SHALL HAVE A MINIMUM 28 DAYS COMPRESSIVE STRENGTH OF 5000 PSI, AND SHALL COMPLY THE REQUIREMENTS OF ASTM C109, ASTM C939, ASTM C1090, ASTM C1107, WHEN APPLICABLE.

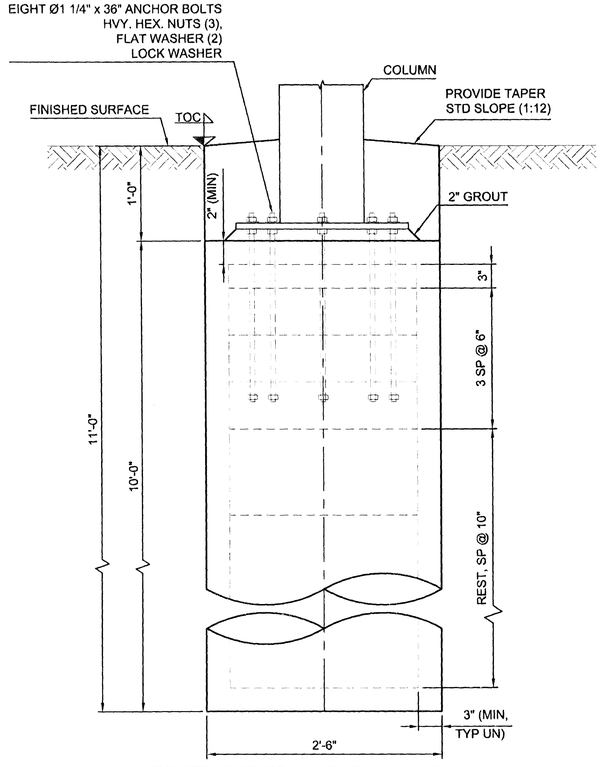
5.- SOIL PARAMETERS FOR FOOTING ANALYSIS; TABLE 1804.2, CLASS : 4
GEOTECHNICAL REPORT PREPARED BY:
OWENS GEOTECHNICAL INC.
DATED ON; APRIL 2, 2008 (ADDENDUM AUGUST 19,2009)

6.- NO SPECIAL INSPECTION IS REQUIRED.

7.- THE SURFACE CONSIDERED FOR THIS STRUCTURES IS: GRASS

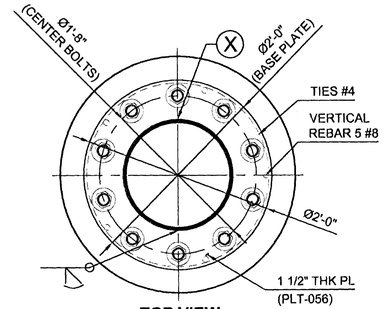


TOP VIEW

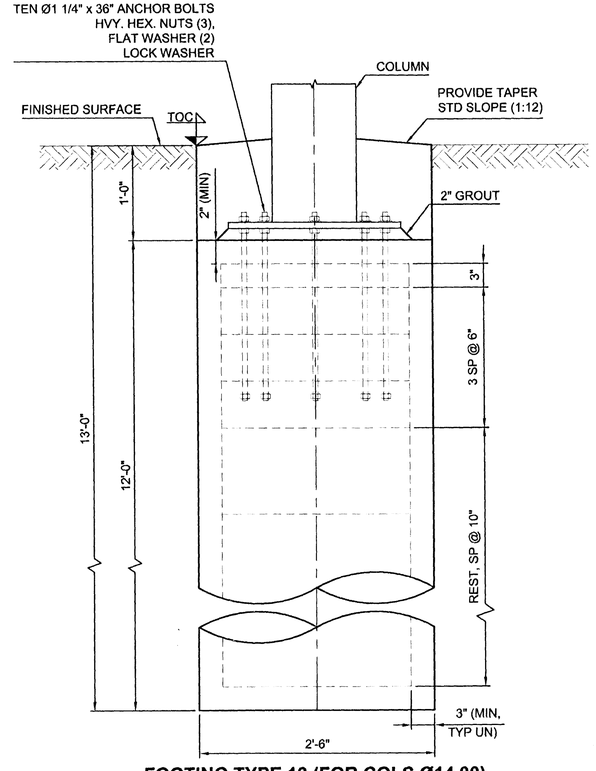


FOOTING TYPE 11 (FOR COLS Ø10.75)

(RECESSED BASE PLATE, RBP)
(USE FOR NON-CONSTRAINED CASES)
(ONLY COLS 1D, 1H AND 1J)



TOP VIEW



FOOTING TYPE 13 (FOR COLS Ø14.00)

(RECESSED BASE PLATE, RBP)
(USE FOR NON-CONSTRAINED CASES)
(ONLY COLS 1A THRU 1C, 1E THRU 1G)

12.82.81

THESE PLANS AND SPECIFICATIONS ARE THE PROPERTY OF USA SHADE AND FABRIC STRUCTURES, INC. AND SHALL NOT BE REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.

USASHADE & Fabric Structures, Inc.

CORPORATE HEADQUARTERS
8505-A CHANCELLOR ROW
DALLAS, TX, 75247
800-966-5005
WEST COAST HEADQUARTERS
350 KALMUS DR.
COSTA MESA, CA, 92626
800-507-4233
REGIONAL OFFICES:
PALM DESERT, CA. - NORTHERN CA. -
NEW JERSEY - ARIZONA - NEVADA
HOUSTON - AUSTIN

CERTIFICATIONS:
IAS CERTIFICATION No: FA-428
CLARK COUNTY MANUFACTURER CERTIFICATION NUMBER (NEVADA): 355

CUSTOMER:
WRG DESIGNS

PROJECT NAME:
SAND HILL OWENS

LOCATION:
LAS VEGAS, NV

PROJECT NUMBER.
38313

STRUCTURE TYPE:
TENSION SAILS (C U S T O M)

SIZE:
SEE PAGE 2000

SCALE : AS NOTED

DRAWING SIZE: D

NC	RELEASE FOR CONSTRUCTION (CUSTOM)	11/03/09	JR	---	---
REV	DESCRIPTION	DATE	DRW	CHK	ENG

Eng. By : JO	10/28/09
Design By : JR	10/28/09
Approved By : JR	10/28/09

DRAWING DESCRIPTION:
FOOTING DETAILS

DWG. 38313-1.0

PAGE 3001

REV. NC