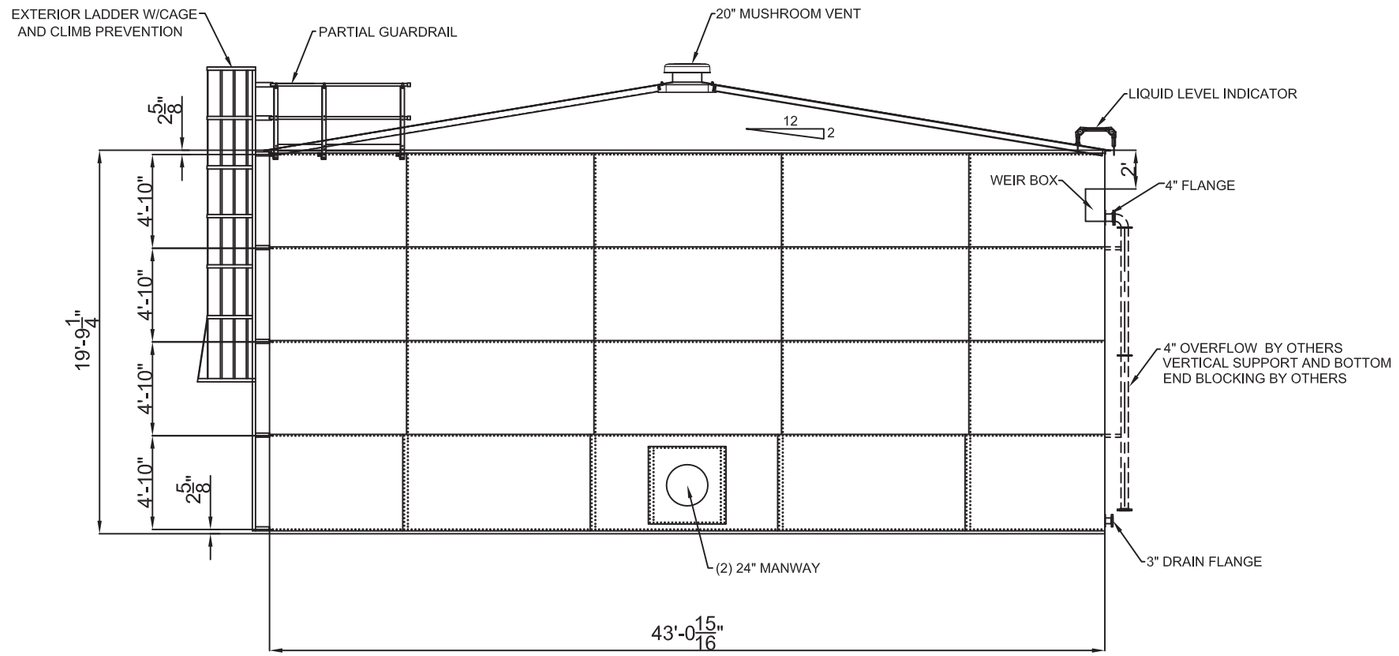
INFORMATION ONLY



ELEVATION

APPURTENANCES ROTATED FOR CLARITY ONLY
SEE PLAN VIEW FOR CORRECT ORIENTATION

UNITED INDUSTRIES GROUP, INC.
11 RANCHO CIRCLE / LAKE FOREST / CA 92630 / USA
Tel. (949) 759-3200 Fax (949) 759-3425 info@unitedind.com

UNITED INDUSTRIES GROUP, INC.

■ NOT FOR CONSTRUCTION

☐ FOR CONSTRUCTION

ELEVATION
43.08' x 19.77'
BOLTED STEEL STORAGE TANK

SALES ORDER NUMBER

PART NUMBER

JOB LOCATION:

				DRAWN BY:			CAD PLOT SCALE: 48	DO NOT SCALE THIS DWG.
				CHECKED BY:				REV.
NO:	DATE:	BY:	REVISION	APPROVED BY:				

FOUNDATION FOR 43'-1" DIAMETER x 19'-9 1/4" TALL WATER STORAGE TANK

INFORMATION ONLY

2010

UNITED INDUSTRIES GROUP, INC.

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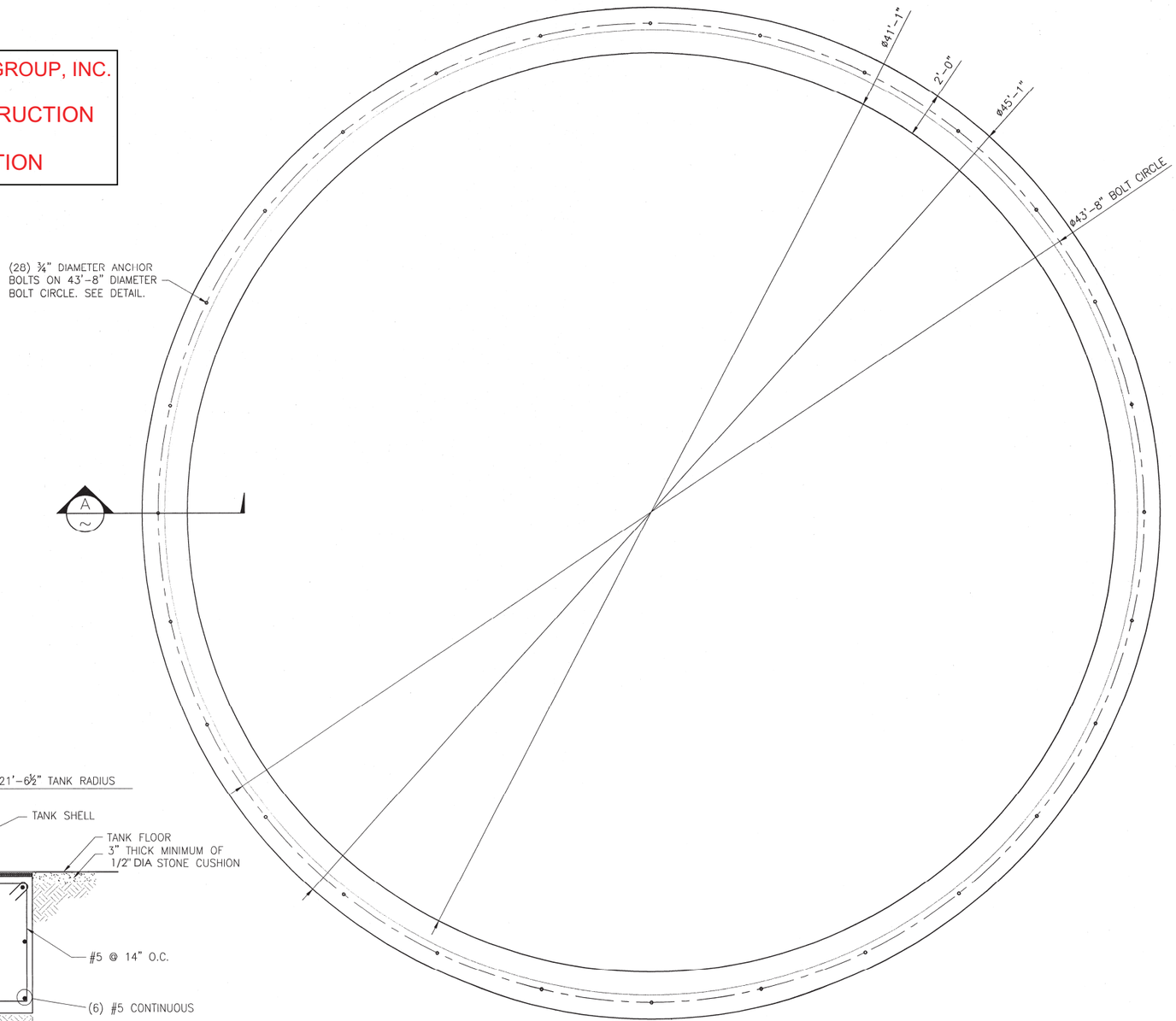
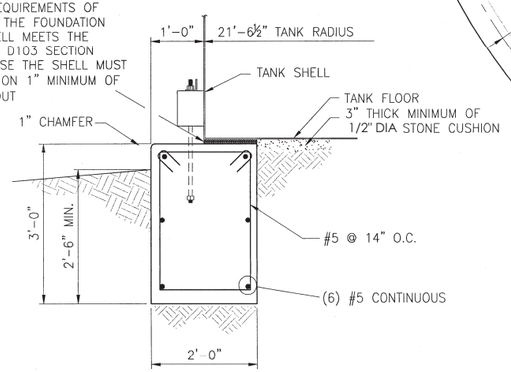


TANK FOUNDATION PLAN
⅜"=1'-0"

TANK SHELL MAY BE SUPPORTED ON ½" CANE-FIBER JOINT FILLER MEETING THE REQUIREMENTS OF ASTM D1751 IF THE FOUNDATION UNDER THE SHELL MEETS THE TOLERANCES OF D103 SECTION 13.6.1, OTHERWISE THE SHELL MUST BE SUPPORTED ON 1" MINIMUM OF NONSHRINK GROUT



FOOTING SECTION A
SCALE ¾"=1'-0"

DESIGN NOTES:

1. FOUNDATION DESIGNED IN ACCORDANCE WITH THE 2007 CALIFORNIA BUILDING CODE. WIND AND SEISMIC LOADS FOR FOUNDATION DESIGN WERE DETERMINED USING PROCEDURES OF AWWA D103-09.
2. DESIGN LOADS:
   SNOW/LIVE LOAD = 25 PSF
   WIND = 100 MPH EXP. C, I=1.15
   SEISMIC Ss=111.7%, S1=35.9%, SITE CLASS D, I=1.25
3. ALLOWABLE SOIL BEARING PRESSURE = PER GEOTECHNICAL INVESTIGATION REPORT, MAY 26, 2009, PREPARED BY KLEINFELDER

GENERAL CONDITIONS:

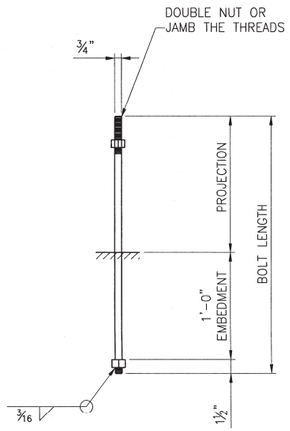
1. ALL WORK SHALL COMPLY WITH THE LATEST ADOPTED ISSUE OF THE CALIFORNIA BUILDING CODE AND ANY APPLICABLE STATE, COUNTY, OR LOCAL REGULATIONS.
2. WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS.
3. CONTRACTOR IS RESPONSIBLE TO REVIEW THE PLANS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING CONSTRUCTION.
4. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE LIABLE FOR ANY AND ALL DAMAGES WHICH MAY BE DUE TO HIS FAILURE TO LOCATE AND PRESERVE ANY AND ALL UTILITIES.
5. THE CONTRACTOR SHALL OBTAIN A CONSTRUCTION PERMIT.
6. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS.

SITE WORK:

1. SITE MUST BE PREPARED AS REQUIRED IN GEOTECHNICAL REPORT.
2. FOOTINGS MUST BEAR ON UNDISTURBED LEVEL SOIL OR STRUCTURAL FILL PREPARED AND COMPACTED AS REQUIRED BY THE GEOTECHNICAL REPORT.
3. RING WALL BELOW GRADE SHALL HAVE BACKFILL PLACED EQUALLY ON BOTH SIDES UNTIL THE REQUIRED LEVELS ARE REACHED.

CONCRETE:

1. CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301 LATEST EDITION, STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE, PUBLISHED BY THE AMERICAN CONCRETE INSTITUTE, DETROIT, MICHIGAN, EXCEPT AS MODIFIED BELOW:
   FOOTINGS F'c = 4000 PSI
   GRADE 60 REINFORCING STEEL
2. MAKE ALL BARS CONTINUOUS AROUND CORNERS OR PROVIDE CORNER BARS OF EQUAL SIZE AND SPACING.
3. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1"
4. LAP ALL CONTINUOUS BARS 40 X DIA.
5. NO SLUMP OVER 4" SHALL BE PERMITTED FOR STRUCTURAL CONCRETE.
6. AIR CONTENT SHALL BE 4-6%.
7. ALL CONCRETE SHALL BE CONSOLIDATED IN PLACE USING INTERNAL VIBRATOR. DO NOT USE VIBRATORS TO TRANSPORT CONCRETE WITHIN FORMS.
8. SPECIAL INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH CHAPTER 17 OF THE CALIFORNIA BUILDING CODE.



MATERIAL
ASTM A-36, GALVANIZED

IF AN ADHESIVE ANCHOR IS USED IN PLACE OF THE CAST IN PLACE ANCHOR SHOWN, IT MUST BE DESIGNED TO DEVELOP THE YIELD STRENGTH OF THE BOLT.

ANCHOR BOLT DETAIL 1
(28 REQUIRED)

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GENERAL NOTES, FOUNDATION PLAN, AND SECTION

Delivery Date:
Job Number:
Checked By:
Drawn By:
Designed By:

REVISIONS

No.	DATE	BY	DESCRIPTION
0			

SCALE: NOTED

Sheet Number: 1