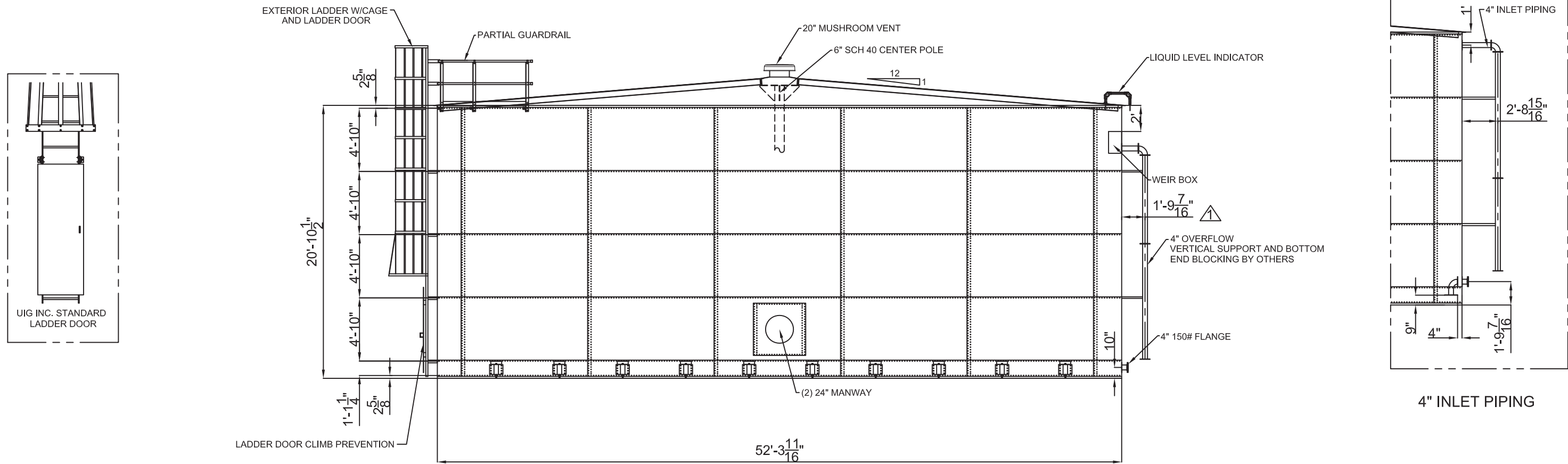


TANK A

INFORMATION ONLY



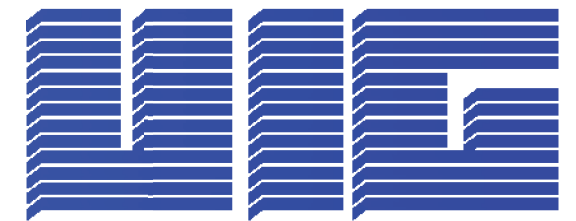
ELEVATION

APPURTENANCES ROTATED FOR CLARITY ONLY
SEE PLAN VIEW FOR CORRECT ORIENTATION

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Tel. (949) 759-3200 Fax (949) 759-3425 info@unitedind.com

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ELEVATION
52.31' x 20.88'
BOLTED STEEL STORAGE TANK

SALES ORDER NUMBER

PART NUMBER

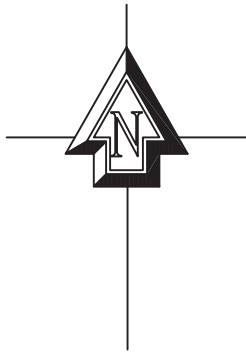
JOB LOCATION:

DRAWN BY:		CAD PLOT SCALE:	48	DO NOT SCALE THIS DWG.
CHECKED BY:				REV.
APPROVED BY:				

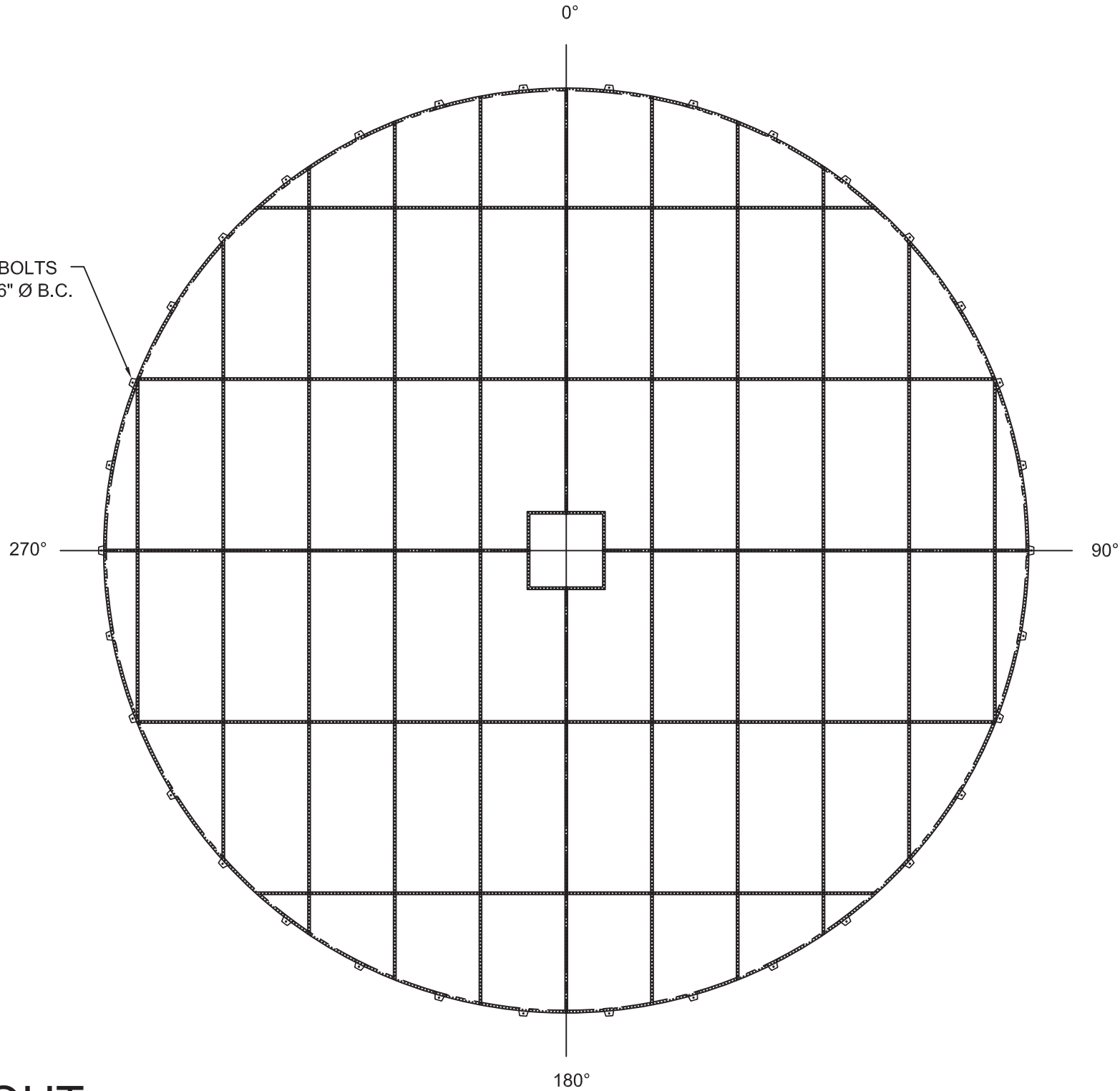
NO:	DATE:	BY:	REVISION

TANK A

INFORMATION ONLY

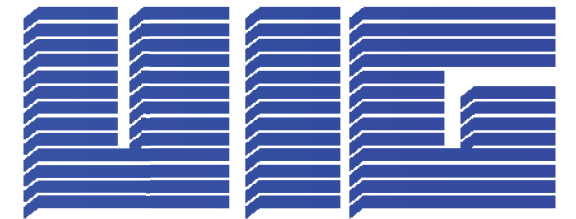


34) 3/4" ANCHOR BOLTS
ON A 52'- 10 11/16" Ø B.C.



FLOOR LAYOUT

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FLOOR LAYOUT
 52.31' x 20.88'
BOLTED STEEL STORAGE TANK

SALES ORDER NUMBER

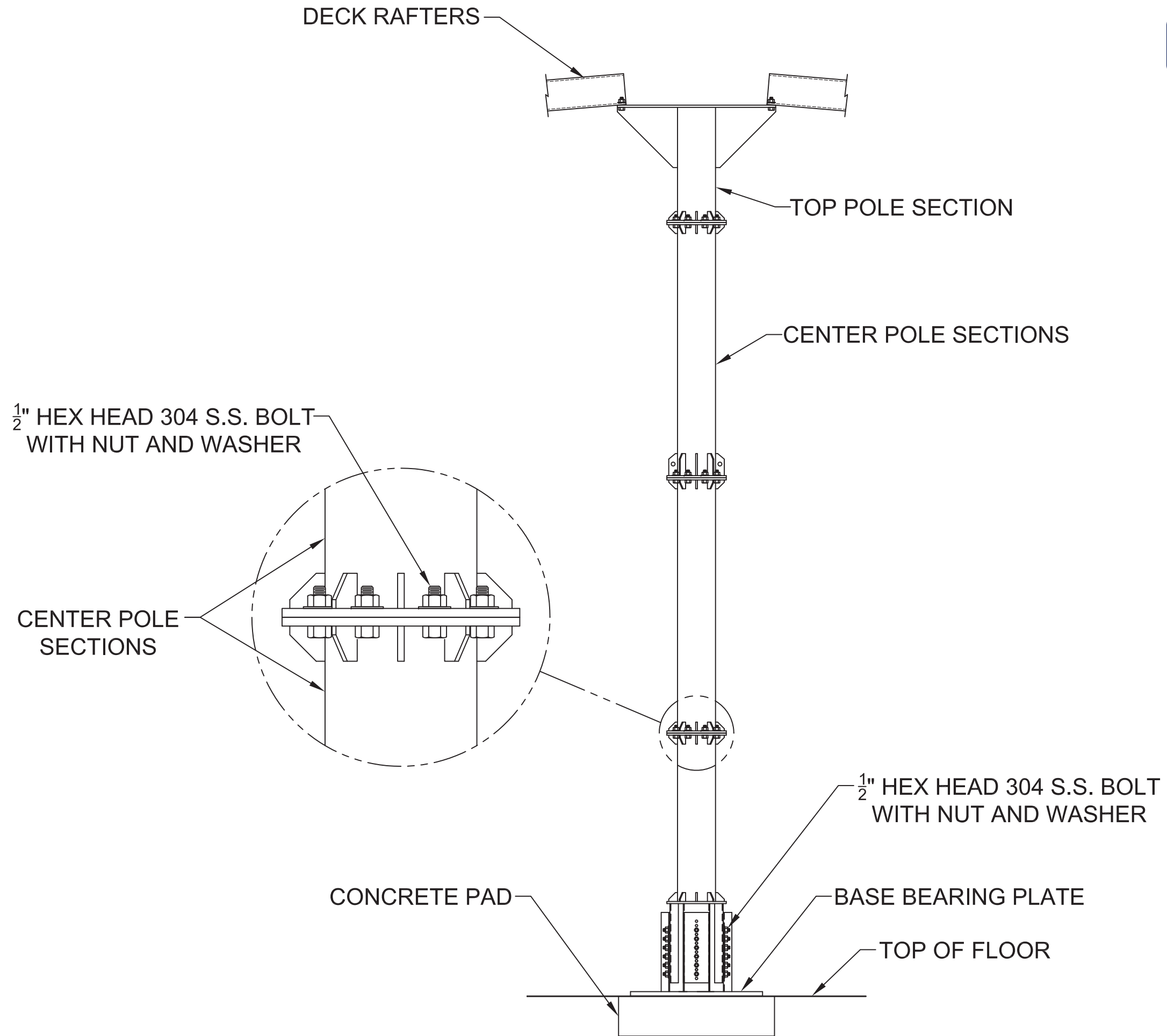
PART NUMBER

REF. CUST. DWG.

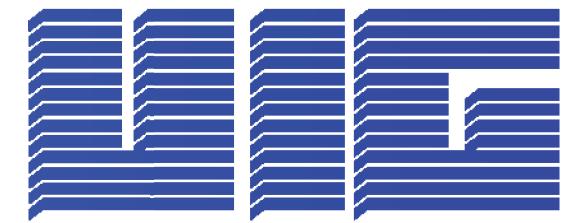
DRAWN BY:		CAD PLOT SCALE:	48	DO NOT SCALE THIS DWG.	
CHECKED BY:					REV.
APPROVED BY:					

NO:	DATE:	BY:	REVISION

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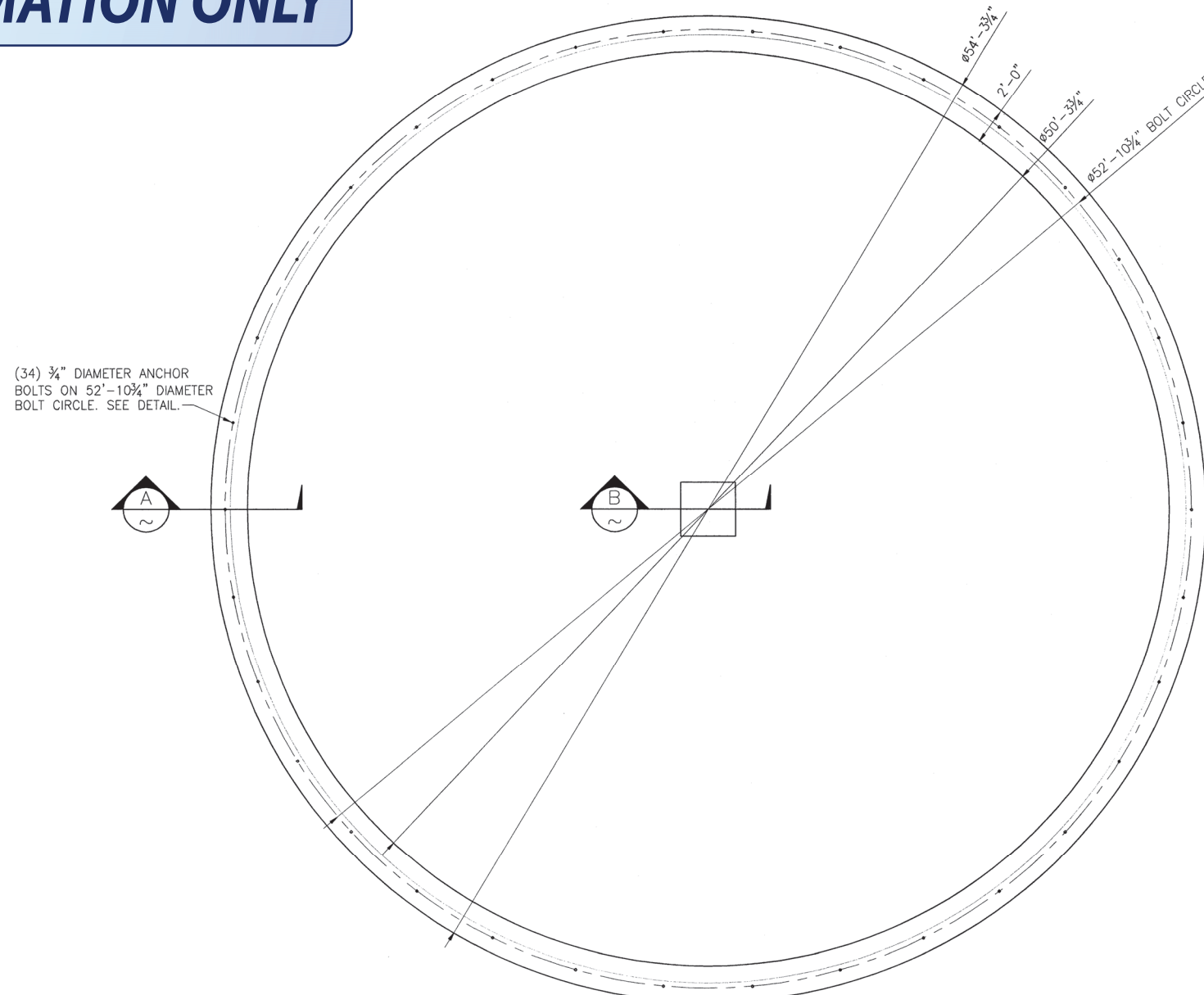
CENTER POLE ASSEMBLY		SALES ORDER NUMBER
BOLTED STEEL STORAGE TANK		PART NUMBER

REF. CUST. DWG.	TYPICAL ALL SITES	DO NOT SCALE THIS DWG.
DRAWN BY:	CAD PLOT SCALE: 48	REV.
CHECKED BY:		
APPROVED BY:		

FOUNDATION FOR 52.31' DIAMETER x 20.88' TALL WATER STORAGE TANK

2011

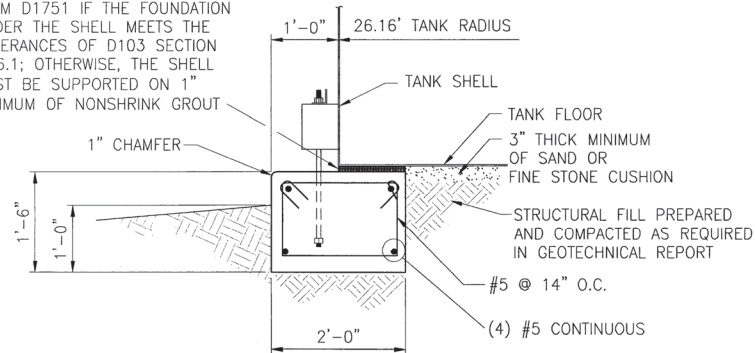
INFORMATION ONLY



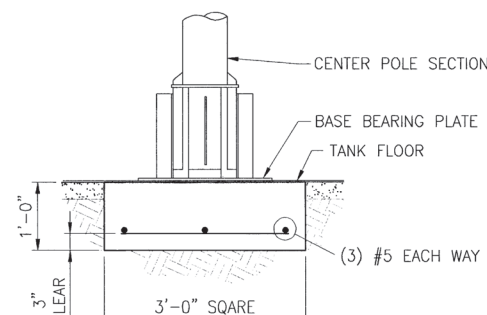
(34) 3/4" DIAMETER ANCHOR BOLTS ON 52'-10 3/4" DIAMETER BOLT CIRCLE. SEE DETAIL.

TANK FOUNDATION PLAN
1/4" = 1'-0"

TANK SHELL MAY BE SUPPORTED ON 1/2" CANE-FIBER JOINT FILLER MEETING THE REQUIREMENTS OF ASTM D1751 IF THE FOUNDATION UNDER THE SHELL MEETS THE TOLERANCES OF D103 SECTION 11.6.1; OTHERWISE, THE SHELL MUST BE SUPPORTED ON 1" MINIMUM OF NONSHRINK GROUT

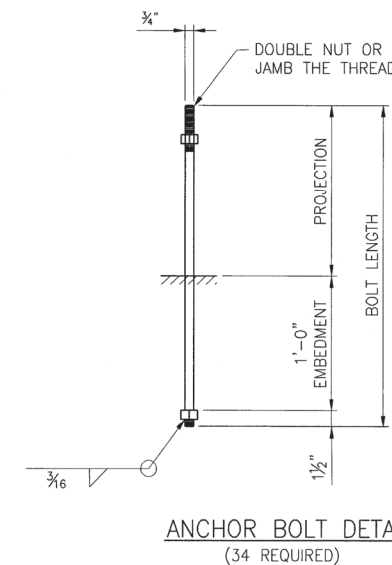


FOOTING SECTION A-A
SCALE 3/4" = 1'-0"



FOOTING SECTION B-B
SCALE 3/4" = 1'-0"

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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.

VERIFY ANCHOR BOLT QUANTITY, SIZE, TYPE, PROJECTION, AND PLACEMENT WITH TANK MANUFACTURER PRIOR TO PLACING CONCRETE.

DESIGN NOTES:

- FOUNDATION DESIGNED IN ACCORDANCE WITH THE 1997 CALIFORNIA BUILDING CODE. WIND AND SEISMIC LOADS FOR FOUNDATION DESIGN WERE DETERMINED USING PROCEDURES OF AWWA D103-97.
- DESIGN LOADS:
 SNOW/LIVE LOAD = 25 PSF
 WIND = 100 MPH EXP. C
 SEISMIC ZONE 4, I = 1.0
- ALLOWABLE SOIL BEARING PRESSURE IS PER GEOTECHNICAL INVESTIGATION REPORT PREPARED BY TECHNICON ENGINEERING SERVICES, INC.

GENERAL CONDITIONS:

- ALL WORK SHALL COMPLY WITH THE LATEST ADOPTED ISSUE OF THE CALIFORNIA BUILDING CODE AND ANY APPLICABLE LOCAL REGULATIONS.
- WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS.
- CONTRACTOR IS RESPONSIBLE TO REVIEW THE PLANS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO BEGINNING CONSTRUCTION.
- 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.
- THE CONTRACTOR SHALL OBTAIN A CONSTRUCTION PERMIT.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS.

SITE WORK:

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

CONCRETE:

- 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
- MAKE ALL BARS CONTINUOUS AROUND CORNERS OR PROVIDE CORNER BARS OF EQUAL SIZE AND SPACING.
- ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 1".
- LAP ALL CONTINUOUS BARS 40 X DIA.
- NO SLUMP OVER 4" SHALL BE PERMITTED FOR STRUCTURAL CONCRETE.
- AIR CONTENT SHALL BE 4-6%.
- ALL CONCRETE SHALL BE CONSOLIDATED IN PLACE USING INTERNAL VIBRATOR. DO NOT USE VIBRATORS TO TRANSPORT CONCRETE WITHIN FORMS.
- SPECIAL INSPECTION SHALL BE PERFORMED IN ACCORDANCE WITH CHAPTER 17 OF THE CALIFORNIA BUILDING CODE.

**GENERAL NOTES,
FOUNDATION PLAN,
AND SECTIONS**

DESCRIPTION
REVISIONS

No.	DATE	BY

SCALE: NOTED
Sheet Number: 1

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