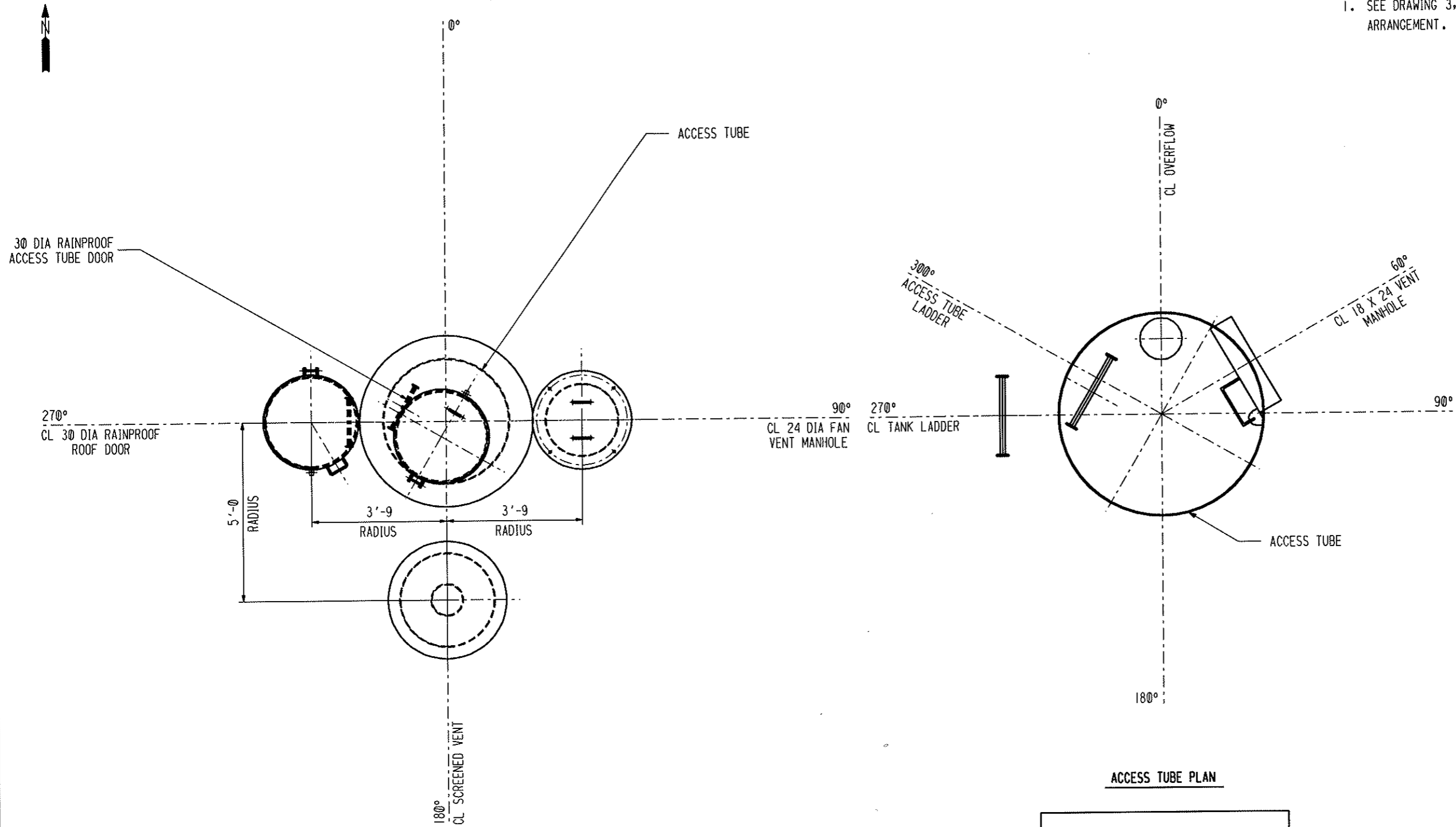


GENERAL NOTES:

1. SEE DRAWING 3, SHEET 1, FOR SHAFT AND BELL ARRANGEMENT.



ACCESS TUBE PLAN

ROOF ACCESSORY PLAN

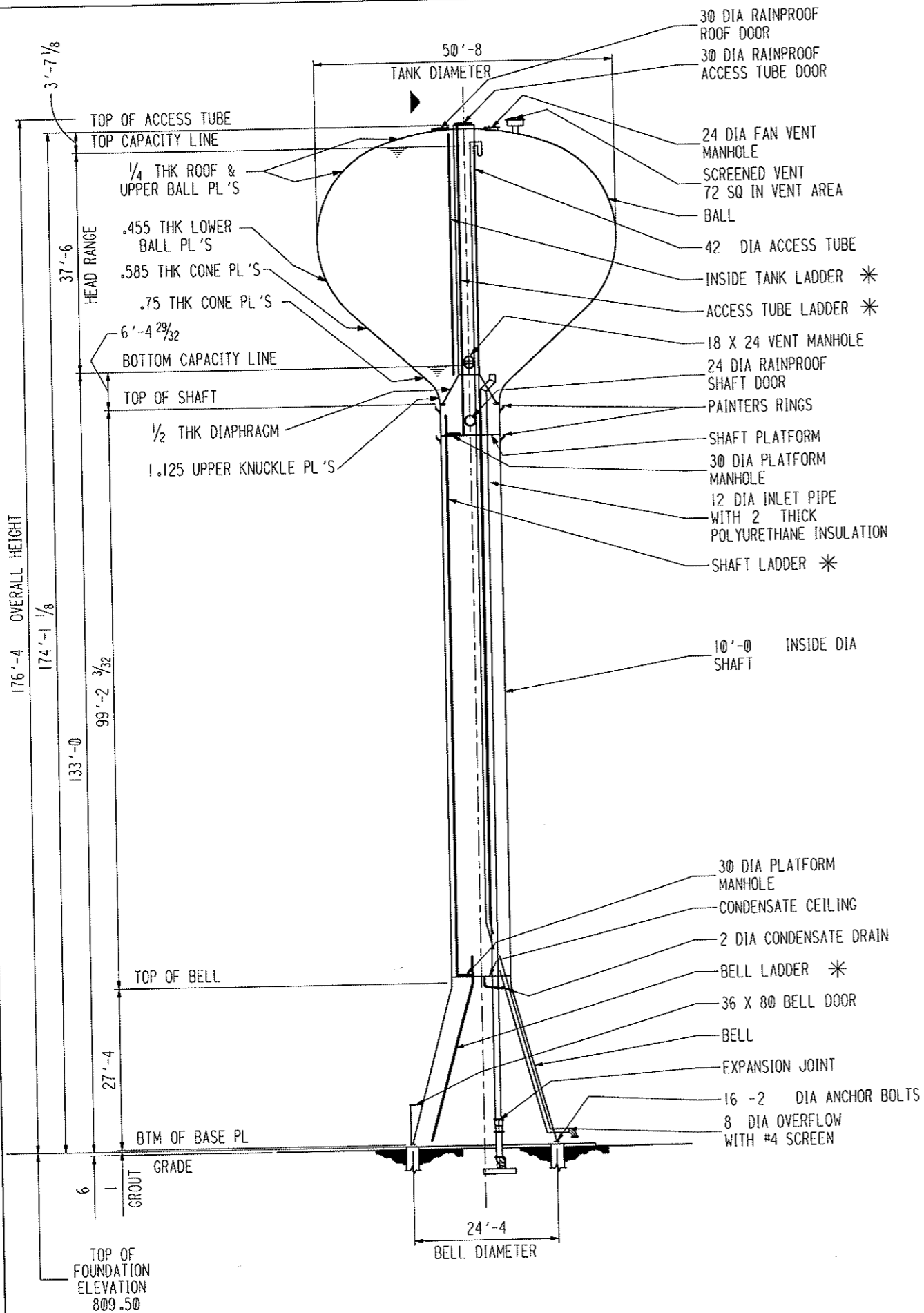
INDICATES CHANGE FROM PREVIOUS ISSUE

BY		DATE		REVISIONS		REMARKS	
						SUPPLIER'S / PURCHASER'S NO 561431	
GENERAL PLAN TANK BALL AND ACCESS TUBE PLAN 400 MG X 133'-0" BCL WATERSPHEROID WASCO, IL							
CUSTOMER'S NO BY SCB CHKD DATE HEE/SHAWN BROWN ENGINEERING ASSIGNED				CONTRACT NO 961431 DWG 2 REV 0 SHT 1			
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07:55:58 Oct. 10, 1996

176'-4" OVERALL HEIGHT

61431001.DCN



GENERAL NOTES:

SPECIFICATIONS - AWWA D100-84 & CUSTOMER
SERVICE - MUNICIPAL
MATERIAL - PL-A36 & A283C STRUCTURAL - A36
INSPECTION - MILL = CTR SHOP = CBI FIELD = CBI & CUSTOMER
ALL BUTT WELDS TO BE 100% FUSION
SANDBLAST - YES
PAINT - SEE INSTRUCTION SHEET(S)
STERILIZATION - YES LEVEL SURVEY - NO
100 SNOW LOAD - 25 PSF
SEISMIC - ZONE 0

* 4. LADDERS ARE TO BE EQUIPPED WITH SAF-T-CLIMB RAILS.
(2 BELTS AND 2 SLEEVES)

5. VENT SCREENING TO BE #16 BRASS.

6. CATHODIC PROTECTION REQUIRED

7. ALL WELDED JOINTS ON THE TANK INTERIOR INCLUDING THE UNDERSIDE OF ROOF LAP JOINTS AND STRUCTURAL FRAMING SHALL BE SEAL WELDED AS A MINIMUM. ATTACHMENTS AND COMPONENTS IN THE SUPPORTING PEDESTAL WHICH ARE SUBJECTED TO CONDENSATION SHALL BE SEAL WELDED AS A MINIMUM

DRAWING LIST

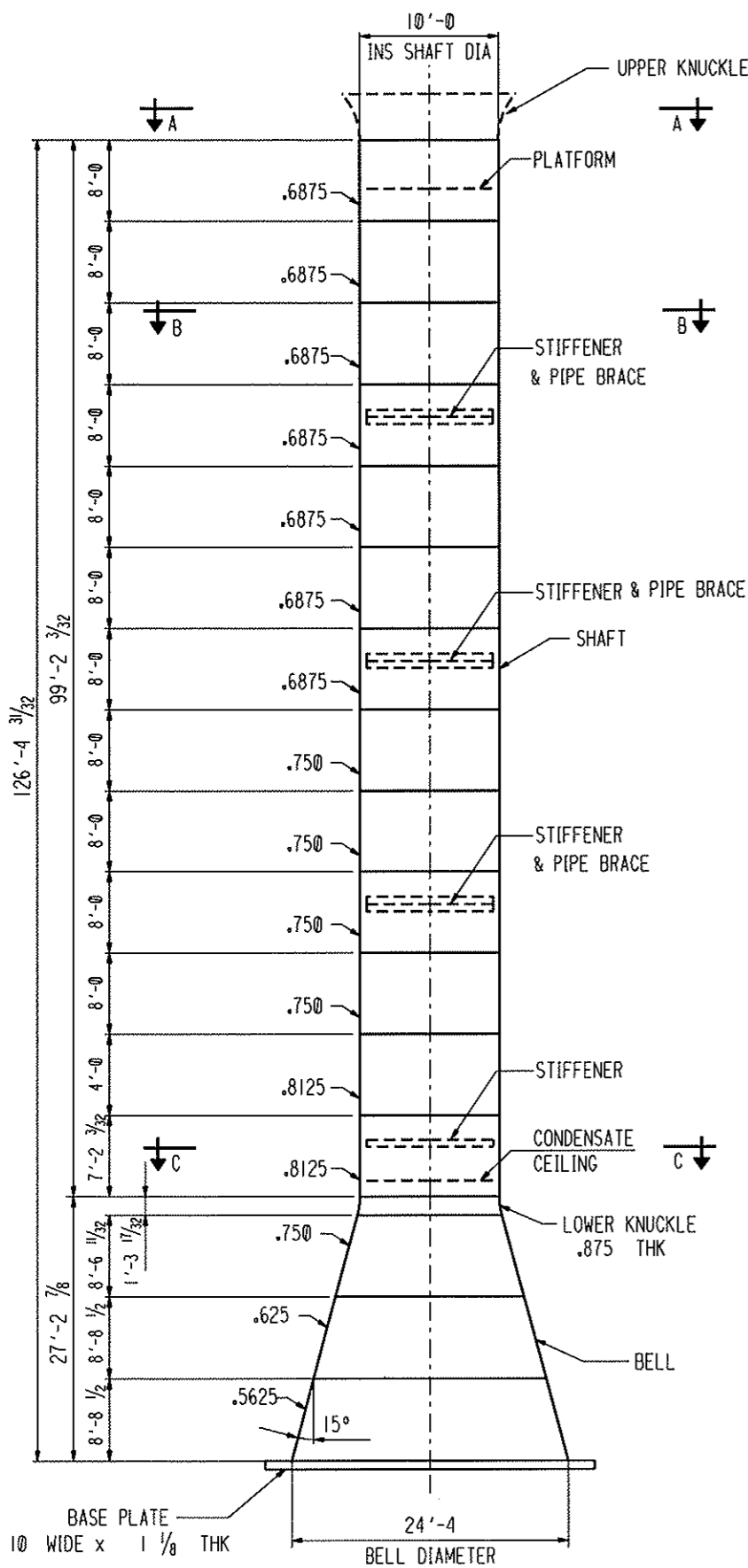
DWG	SHEET	DESCRIPTION
1	1	GENERAL PLAN - ELEVATION
2	1	GENERAL PLAN - ORIENTATION
3	1	SHAFT AND BELL
7	1	12 DIA RISER
7	4	2" THK RISER INSULATION
7	5	8 DIA UPPER OVERFLOW
7	7	8 DIA OVERFLOW TO GROUND
8	1	INTERIOR LIGHTING
8	2	ELECTRICAL ORIENTATION
F1	1	FOUNDATION - CROSS SECTION
F1	2	FOUNDATION - ORIENTATION
F1	3	FOUNDATION - BASE SLAB REBAR
F1	4	FOUNDATION - INLET PIPING
F1	5	FOUNDATION - MISCELLANEOUS DETAILS
F2	1	THRUST BLOCK - 12 DIA BASE BEND

INDICATES CHANGE FROM PREVIOUS ISSUE

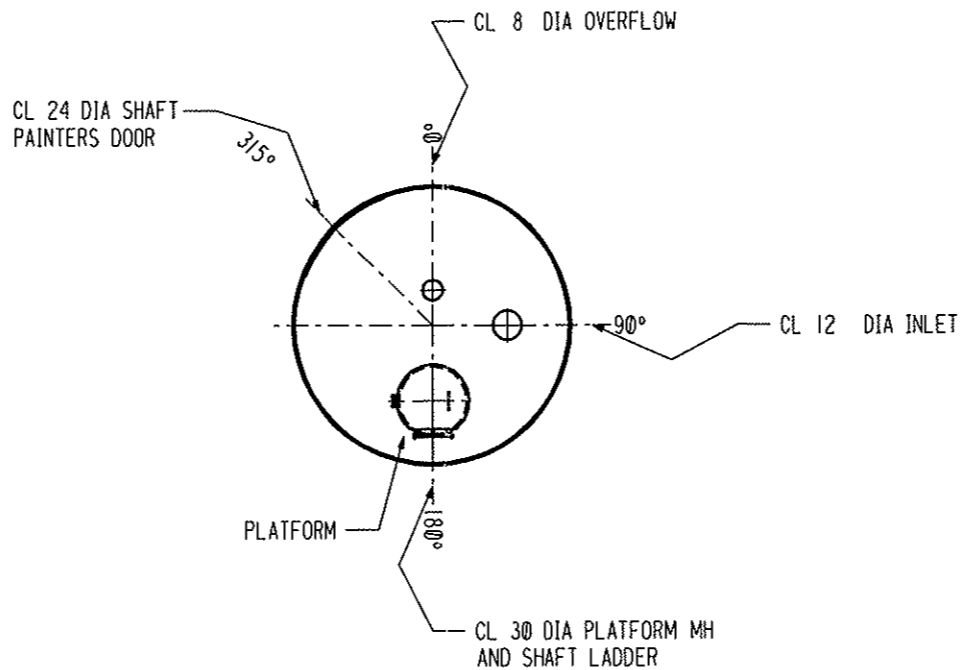
BY		CHKD	DATE	BY	CHKD	DATE	REVISIONS	REMARKS
DATE		DATE	DATE	DATE	DATE	DATE		
<p>DELETED OBSTRUCTION LIGHTS</p>								<p>CUSTOMER'S NO 961431</p>
<p>GENERAL PLAN ELEVATION AND NOTES 400 MG X 133'-0" BCL WATERSPHEROID WASCO, IL</p>								<p>CONTRACT NO 961431</p>
<p>BY SCB CHKD GW DATE 9/5/96 HEE/SHAWN BROWN ENGINEERING ASSIGNED</p>								<p>DWG 1 REV SHT 1</p>
<p>THIS DRAWING HAS BEEN PREPARED FOR AND IS THE PROPERTY OF CBI AND IS TO BE USED ONLY IN CONNECTION WITH PERFORMANCE OF WORK BY CBI. REPRODUCTION IN WHOLE OR IN PART FOR ANY OTHER PURPOSE IS EXPRESSLY FORBIDDEN.</p>								

10:41:42 AUG. 29, 1996

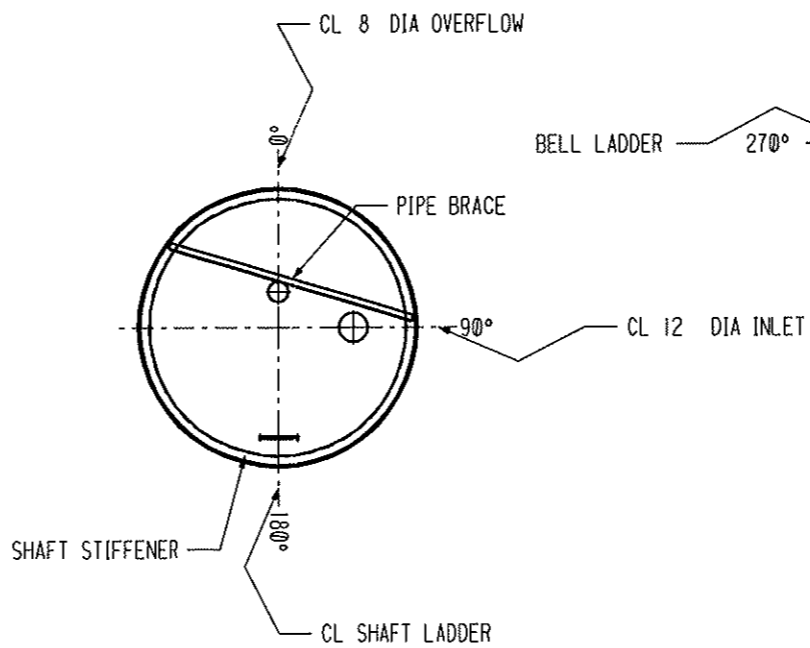
61431003.DGN



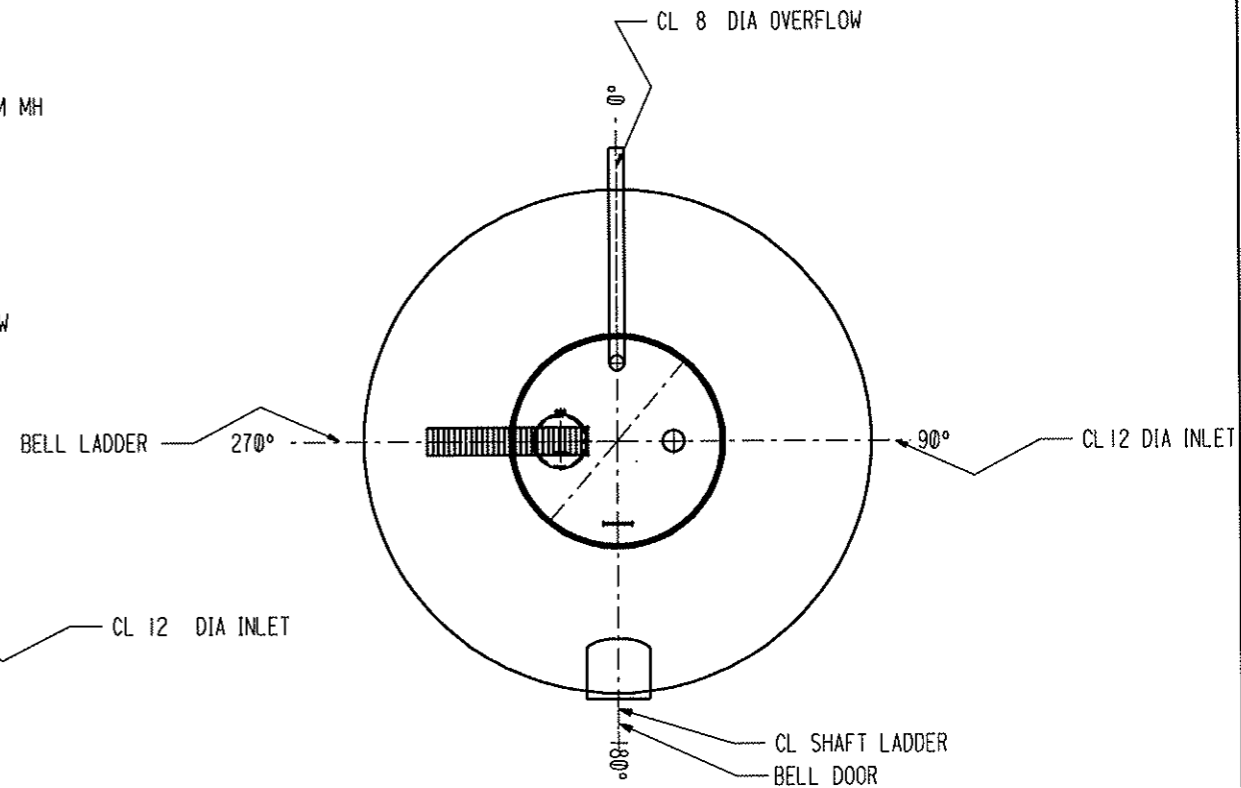
BELL AND SHAFT ELEVATION
LADDERS AND PIPING NOT SHOWN



SECTION A-A



SECTION B-B



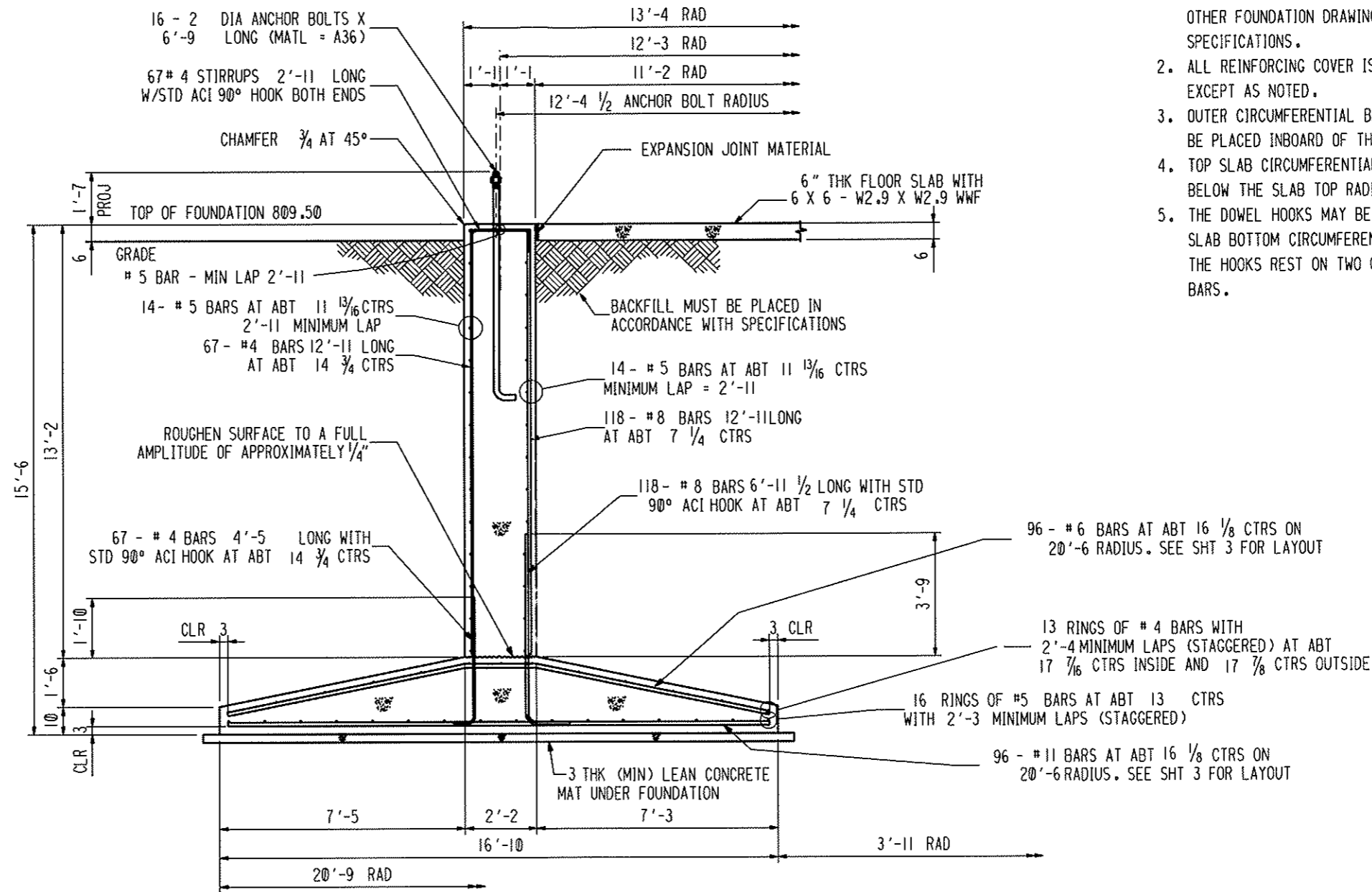
SECTION C-C

INDICATES CHANGE FROM PREVIOUS ISSUE

CBI				SUPPLIER'S / PURCHASER'S NO 561431	
BELL AND SHAFT ARRANGEMENT					
400 MG X 133'-0 BCL WATERSPHEROID WASCO, IL					
CUSTOMER'S NO		DATE		CONTRACT NO 961431	
BY SCB_CHKD		H.E.E./SHAWN BROWN ENGINEERING ASSIGNED		DWG 3	REV 0
REVISIONS				SHT 1	
BY	CHKD	DATE	BY	CHKD	DATE

REMARKS

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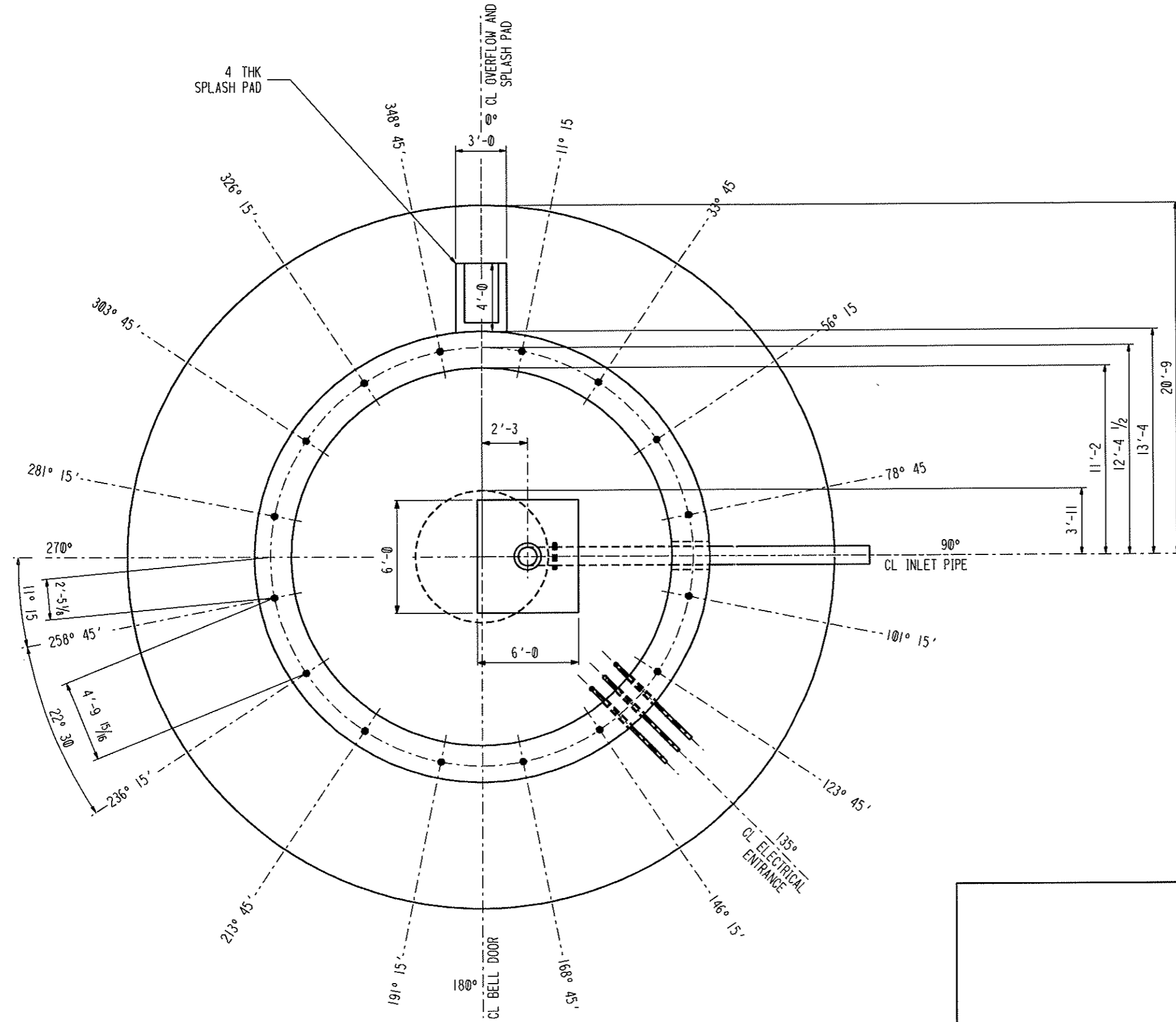
SECTION THROUGH FOUNDATION

GENERAL NOTES:

1. WORK THIS DRAWING WITH PROJECT SPECIFICATIONS, OTHER FOUNDATION DRAWINGS, AND CUSTOMER SPECIFICATIONS.
2. ALL REINFORCING COVER IS TO BE 2" MINIMUM EXCEPT AS NOTED.
3. OUTER CIRCUMFERENTIAL BARS IN RINGWALL MAY BE PLACED INBOARD OF THE VERTICAL BARS.
4. TOP SLAB CIRCUMFERENTIAL BARS MAY BE PLACED BELOW THE SLAB TOP RADIAL BARS.
5. THE DOWEL HOOKS MAY BE PLACED ON TOP OF THE SLAB BOTTOM CIRCUMFERENTIAL BARS, PROVIDED THE HOOKS REST ON TWO OR MORE CIRCUMFERENTIAL BARS.

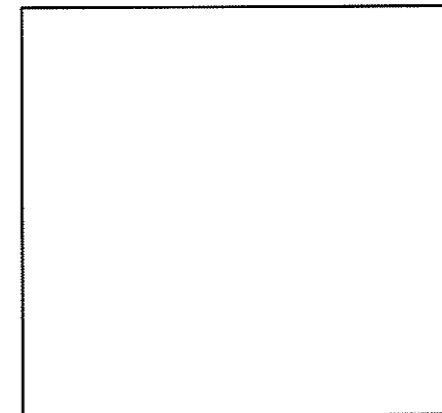
ESTIMATED FOUNDATION QUANTITIES			TABLE OF LOADINGS			TOLERANCES: TOP OF THE RINGWALL TO BE TROWELLED LEVEL AND TO BE WITHIN ± 1/4" OF THEORETICAL ELEVATION. ANCHOR BOLTS TO BE WITHIN ± 1/4" OF THEORETICAL POSITION, TO BE PLUMB WITHIN ± 1/2"±12, AND WITH THE PROJECTION ABOVE THE TOP OF RINGWALL WITHIN ± 1/2" OF SPECIFIED HEIGHT.
ITEM	CONCRETE (CU. YDS.)	REINF. STEEL (LBS)	ITEM	LOAD	NET BEARING PRESSURE (PSF)	
RINGWALL	81.3	8133	METAL (M)	263.7 K		SPECIFICATIONS: SEE CBI PROJECT SPECIFICATIONS. ALL CONCRETE TO HAVE 3000 PSI COMP. STRENGTH AT 28 DAYS. REINFORCING STEEL TO HAVE MINIMUM YIELD STRENGTH OF 60000 PSI AND CONFORM TO ASTM A615 (S1) GR 60. ALL MATERIAL, UNLESS OTHERWISE NOTED, TO BE FURNISHED AND INSTALLED BY FOUNDATION CONTRACTOR. ANCHOR BOLTS FURNISHED BY CBI.
BASE SLAB	81.1	10770	WATER (W)	3391.6 K		
FLOOR	7.3	165	CONC./FLOOR (C)	226.0 K		
THRUST BLOCK	1.5	100	SNOW (SN)	22.1 K		
	171.2	19168	WIND (W1)	6970.9 FT-K		
FOUNDATION CONTRACTOR SHALL MAKE OWN ESTIMATE OF QUANTITIES FOR BIDDING AND/OR CONTRACTING			SEISMIC (EQ)	FT-K		
			TOTALS	STATIC (M + W + C + SN)	2992	PIPE COVER = 5'-6
				WIND (M + W + C + W1)	3970	
	SEISMIC (M + W + C + EQ)					

		SUPPLIER'S / PURCHASER'S NO	
		561431	
FOUNDATION CROSS SECTION 400 MG X 133'-0 BCL WATERSPHEROID WASCO, IL			
CUSTOMER'S NO		CONTRACT NO	
BY SCB CHKD DATE		961431	
BY HEE/SHAWN BROWN ENGINEERING ASSIGNED		DWG	REV
		SHT	0
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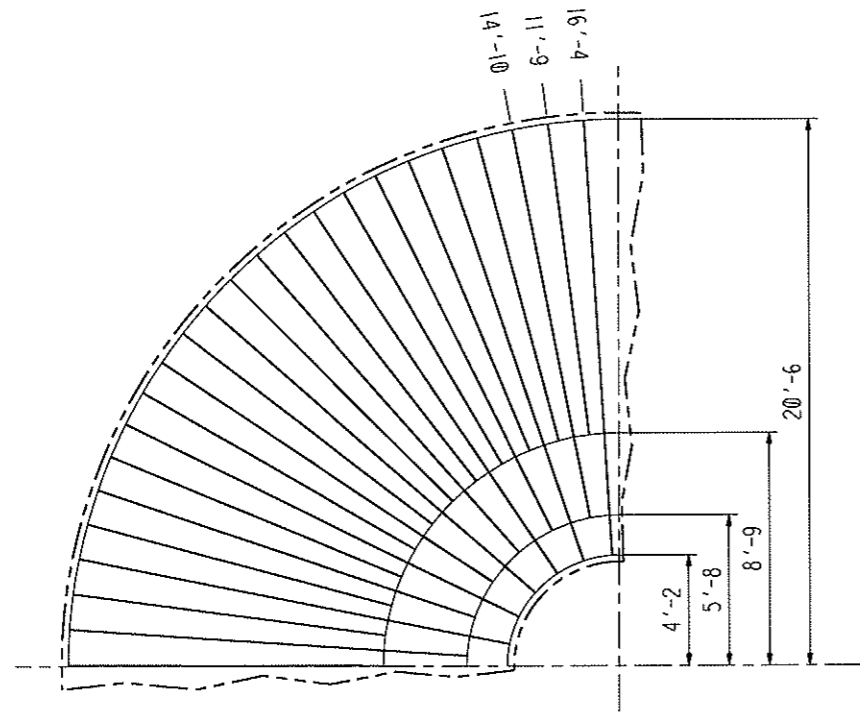


GENERAL NOTES:
 1. SEE DRAWING F1, SHEET 1, FOR FOUNDATION CROSS SECTION.

INDICATES CHANGE FROM PREVIOUS ISSUE

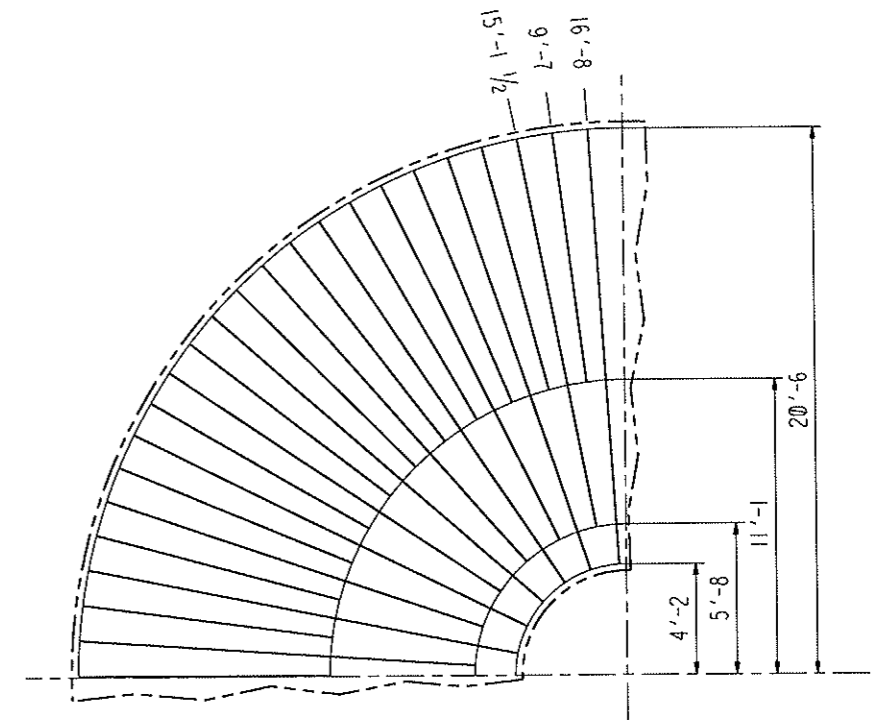


BY		CHKD		DATE		REVISIONS		REMARKS	
								SUPPLIER'S / PURCHASER'S NO S61431	
FOUNDATION ORIENTATION 400 MG X 133'-0" BCL WATERSPHEROID WASCO, IL								CONTRACT NO 961431	
CUSTOMER'S NO BY SCB CHKD DATE HEE / SHAWN BROWN ENGINEERING ASSIGNED						DWG F1 SHT 2		REV 0	
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BOTTOM RADIAL REINFORCING

ALL #11 BARS
 24 BARS AT 16'-4
 24 BARS AT 14'-10
 48 BARS AT 11'-9



TOP RADIAL REINFORCING

ALL #6 BARS
 24 BARS AT 16'-8
 24 BARS AT 15'-1 1/2
 48 BARS AT 9'-7

GENERAL NOTES:

- SEE DRAWING F1, SHEET 1, FOR FOUNDATION CROSS SECTION.

INDICATES CHANGE FROM PREVIOUS ISSUE

		SUPPLIER'S / PURCHASER'S NO 561431	
		FOUNDATION BASE SLAB REINFORCING STEEL 400 MG X 133'-0 BCL WATERSPHEROID WASC0, IL	
CUSTOMER'S NO BY SCB CHKD DATE HEE/SHAWN BROWN ENGINEERING ASSIGNED		CONTRACT NO 961431 DWG F1 REV SHT 3 0	
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