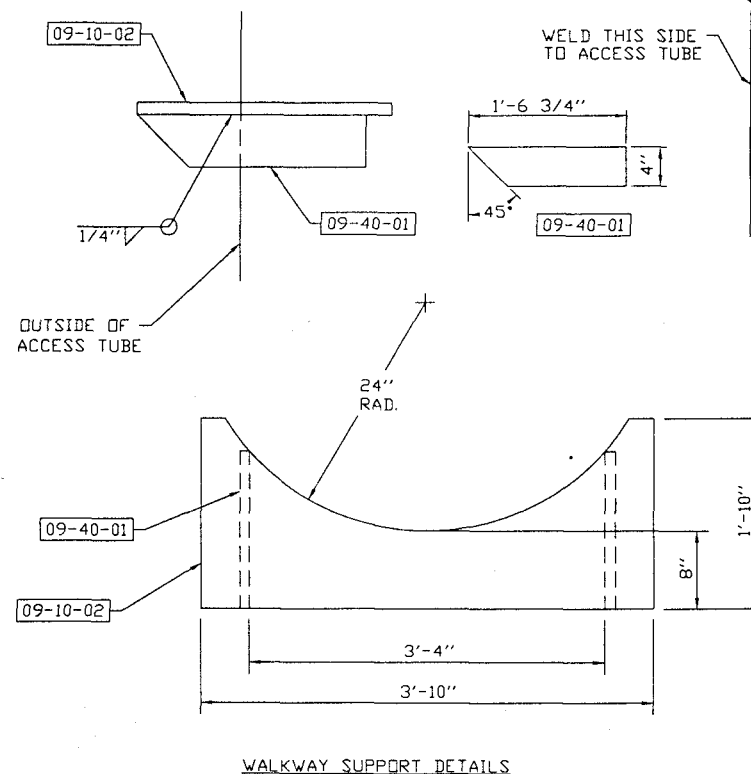
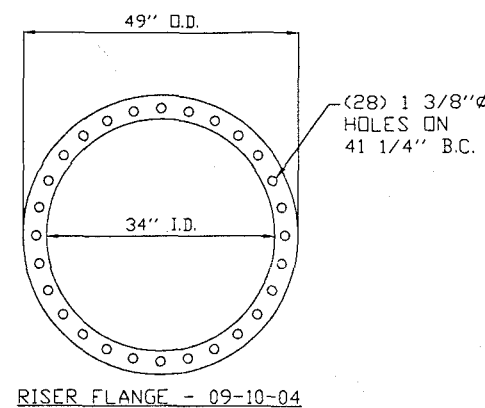
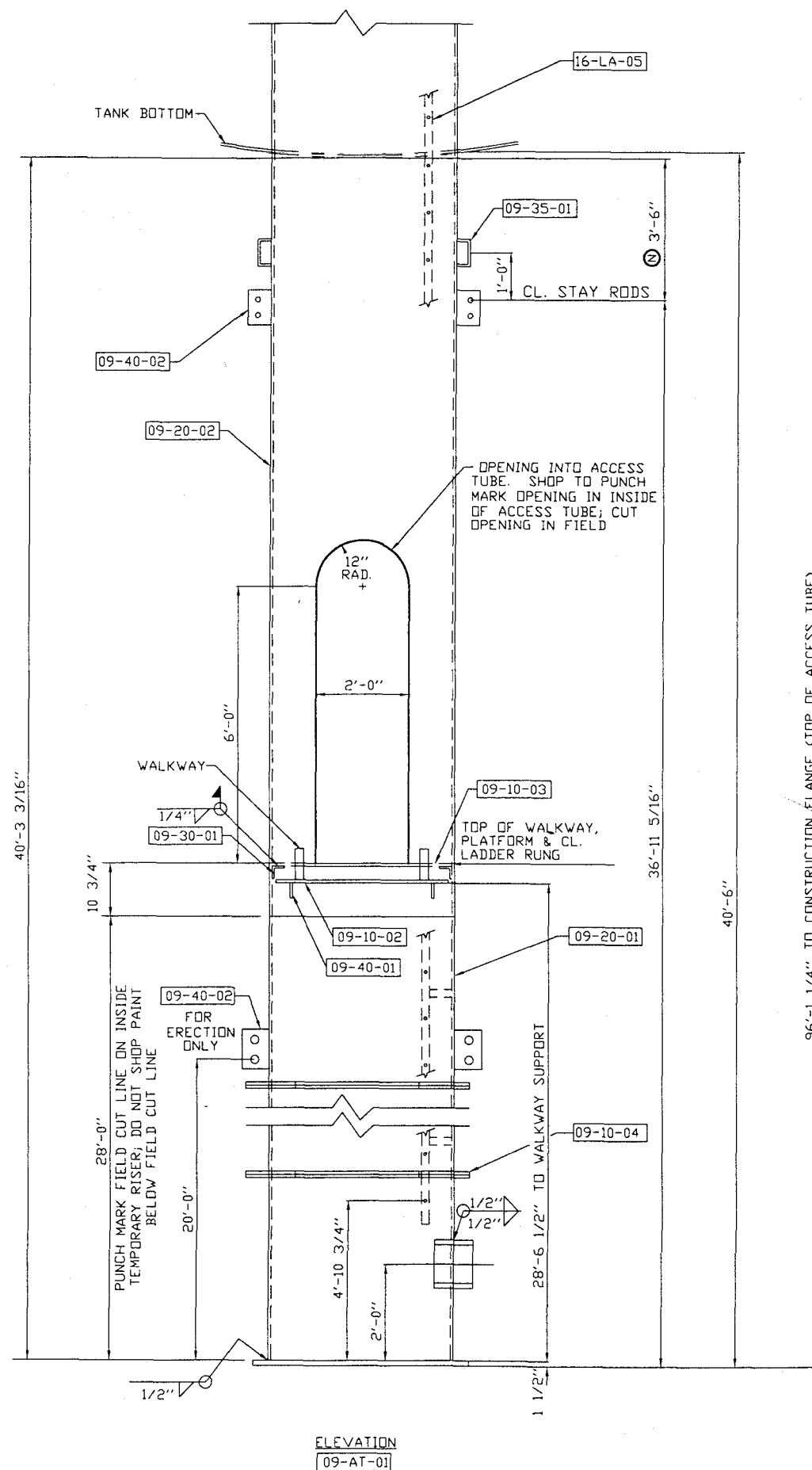




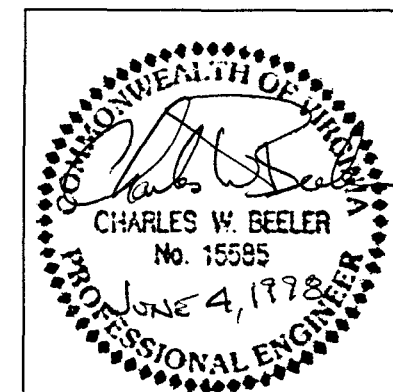
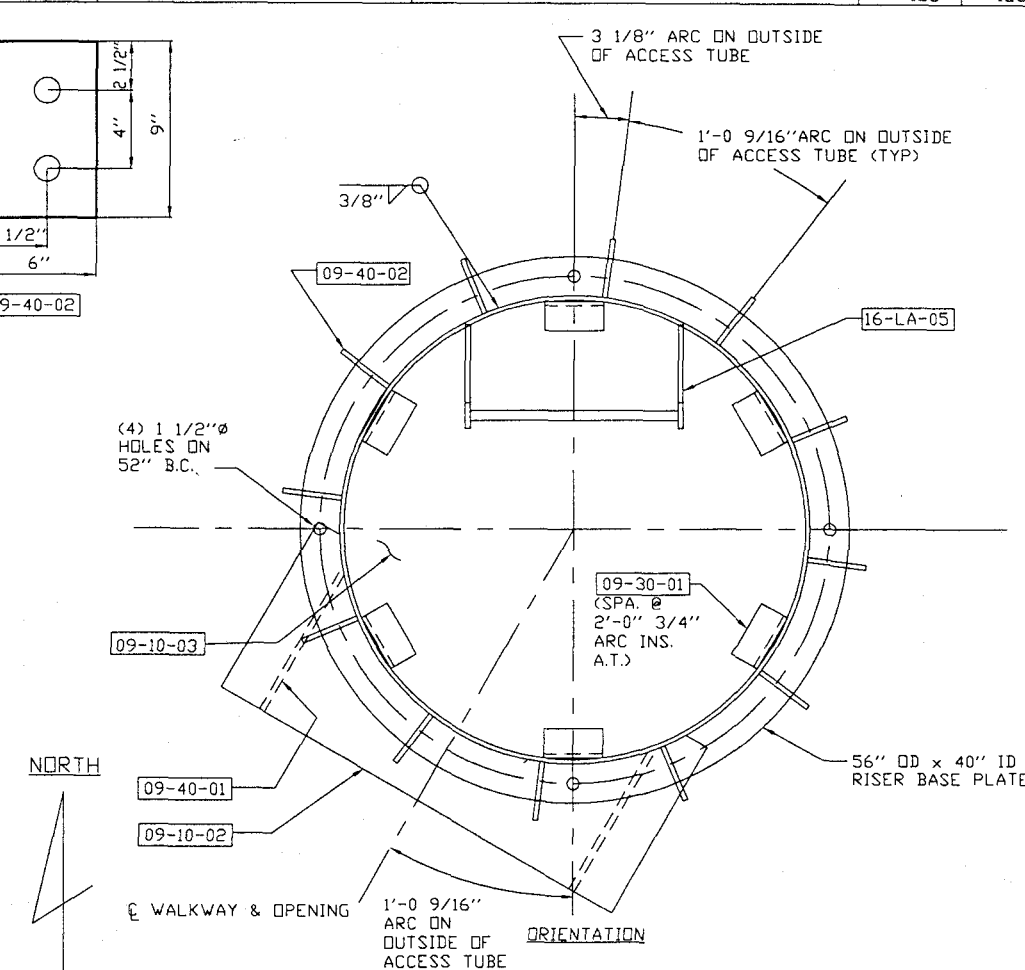
NOTES:

- SEE DWG. #16 FOR LADDER DETAILS.
- TEMPORARY RISER AND ACCESS TUBE TO BE DIVIDED INTO STANDARD SHIPPING LENGTHS ACCORDING TO SHOP'S DISCRETION.
- LOWER PORTION OF RISER IS UNDERGROUND AND FASTENED WITH ANCHOR BOLTS.
- SEE DWG. 10 FOR DETAILS ON UPPER PORTION OF ACCESS TUBE.
- REMOVE RISER BELOW FIELD CUT LINE AFTER TANK ERECTION.

Ⓝ DENOTES NON-STANDARD PRACTICE

BILL OF MATERIAL

SUB ASSY. NO.	PART NO.	QTY	DESCRIPTION	MATERIAL REQ'D	PC. WT.	TOTAL
09-AT-01		1	ACC. TUBE ASS'Y			15,400
	09-20-02	1	ACCESS TUBE	48" OD x 3/8" WL. x 67'-11 3/4" (52 KSI)	13,000	
	16-LA-05	1	ACCESS TUBE LADDER	SEE DWG. 16	470	
	09-10-02	1	WALKWAY SUPPORT	1/2" PL.	100	
	09-40-01	2	WALKWAY SUPPORT GUSSETS	4" X 3/8" X 18 3/4"	7	
	09-30-01	6	PLATFORM SUPPORT ANGLE	3" X 3" X 1/4" ANGLE X 6" LG.	2	
	09-40-02	12	STAY ROD CLIPS	1/2" THK. (STOCK PART)		
	09-35-01	12	COLUMN CLIPS	5/8" DIA. X 12 3/4" LG. ROUND BAR (STOCK)		
	E0-NT-48	1	TURNABLE RING	STD. FOR 48" DIA. ACCESS TUBE	295	
	10-90-01	1	CONSTRUCTION FLANGE	SEE DWG. 10		
	10-10-03	2	ERECTION RING (HALVES)	SEE DWG. 10		
	10-90-02	1	COUPLING FOR ELECTRICAL	SEE DWG. 10		
	27-40-01	6	CONDUIT CLIPS	SEE DWG. 27		
	27-30-01	2	LIGHT BRACKETS	SEE DWG. 27		
09-TR-01		1	TEMPORARY RISE ASSY.			7,300
	09-20-01	1	TEMPORARY RISER	48" OD x 1/2" WL. x 28'-0" SECTIONS COMPLETE W/ FLANGES EREC. LADDER, MANHOLE & BASE PLATE	7,200	
	09-40-02	12	STAY ROD CLIPS	1/2" THK. (STOCK PART)	8	
ALL ITEMS LISTED BELOW ARE SHIPPED SEPARATELY						
	09-10-03	1	PLATFORM FLOOR	46" DIA. X 1/4" PL.	123	123



REV.	BY	DATE	REMARKS
Caldwell Tanks, Inc.			
Louisville, KY			
BOTETOURT COUNTY, VA			
BY:	BAW	TJB	TITLE: RISER/ACCESS TUBE DETAILS
DATE:	4-98		DRAWING NO: E-4291 09