

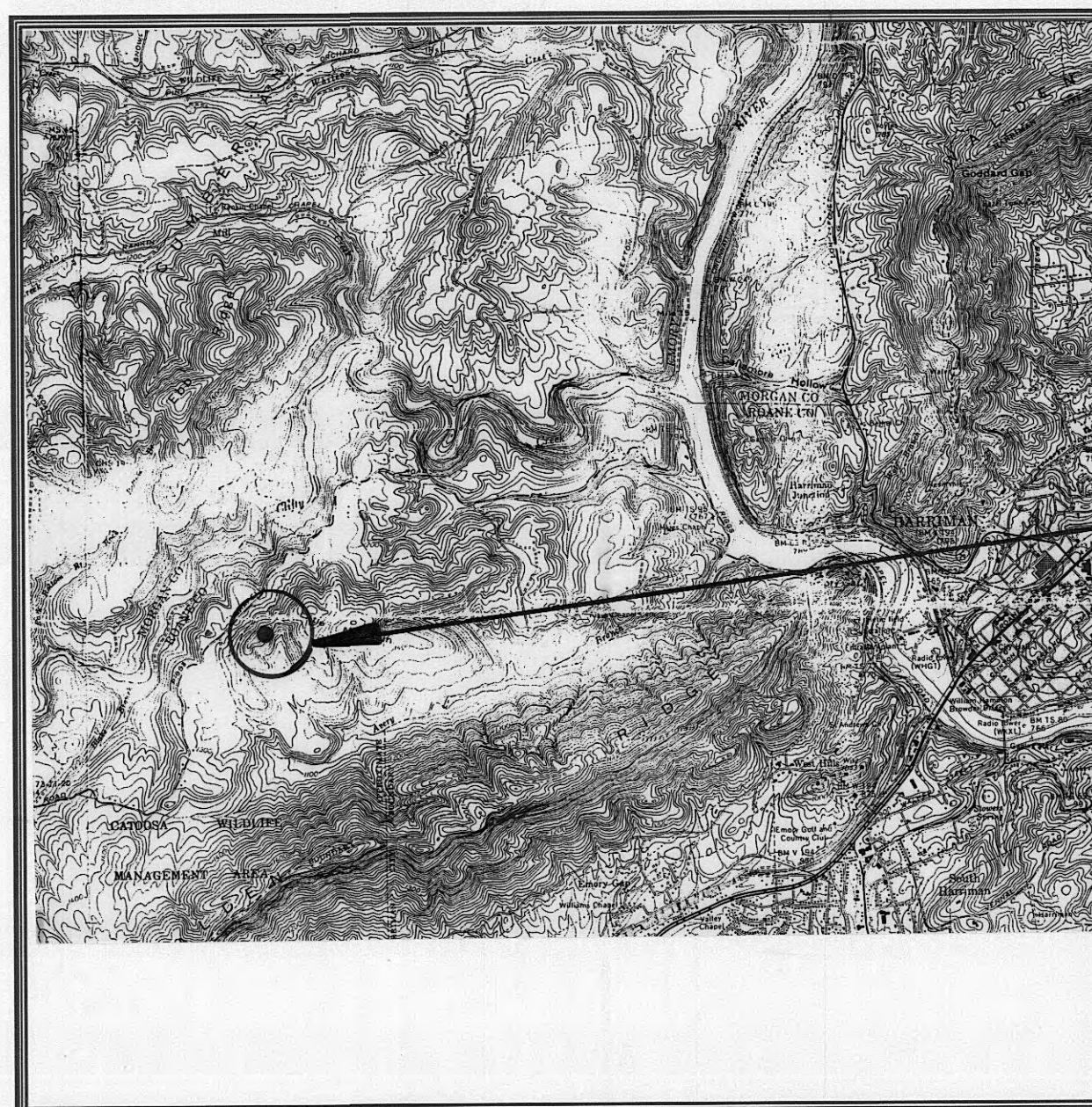
WOLFE BRANCH UTILITY DISTRICT

Morgan & Roane Counties, Tennessee

RIGGS CHAPEL ROAD WATER STORAGE TANK

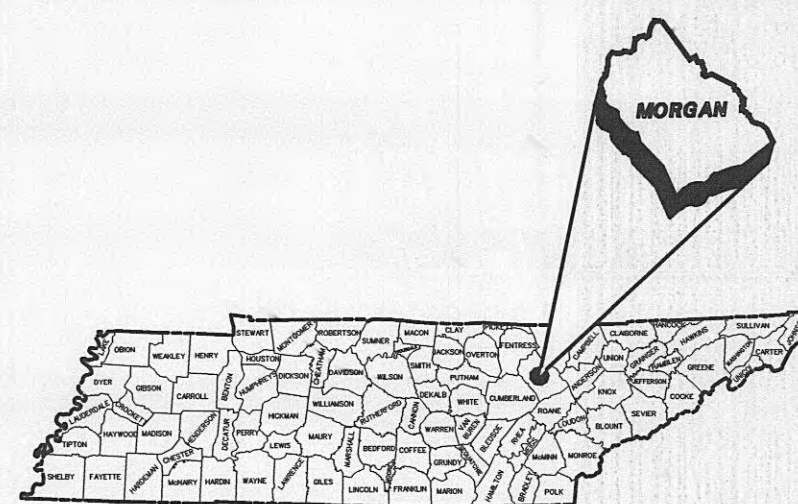
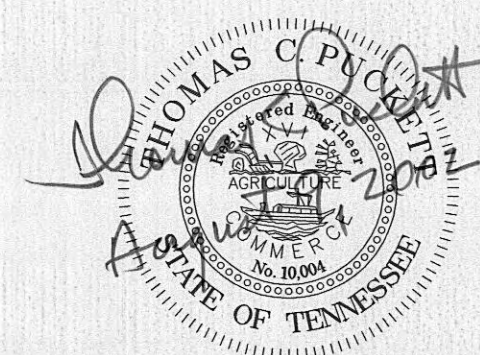
CONTRACT 202

LOCATION MAP



PROJECT LOCATION

Project Engineer



SHEET INDEX

TITLE SHEET	
WATER STORAGE TANK - SITE PLAN & ACCESS ROAD	1
WATER STORAGE TANK - PLAN, SECTIONS & DETAILS	2
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WATER STORAGE TANK - FOUNDATION PLAN, SECTIONS & DETAILS (GLASS COATED - BOLTED STEEL TANK)	4
6" ALTITUDE VALVE ASSEMBLY	5

APPROVED: *Donald Painter* DATE: 8-9-02
WOLFE BRANCH UTILITY DISTRICT, DONALD PAINTER, MANAGER

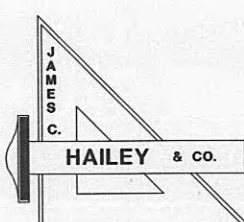
JAMES C. HAILEY & CO.

MAY 05 2009

SCANNED TO ARCHIVE

SET NUMBER

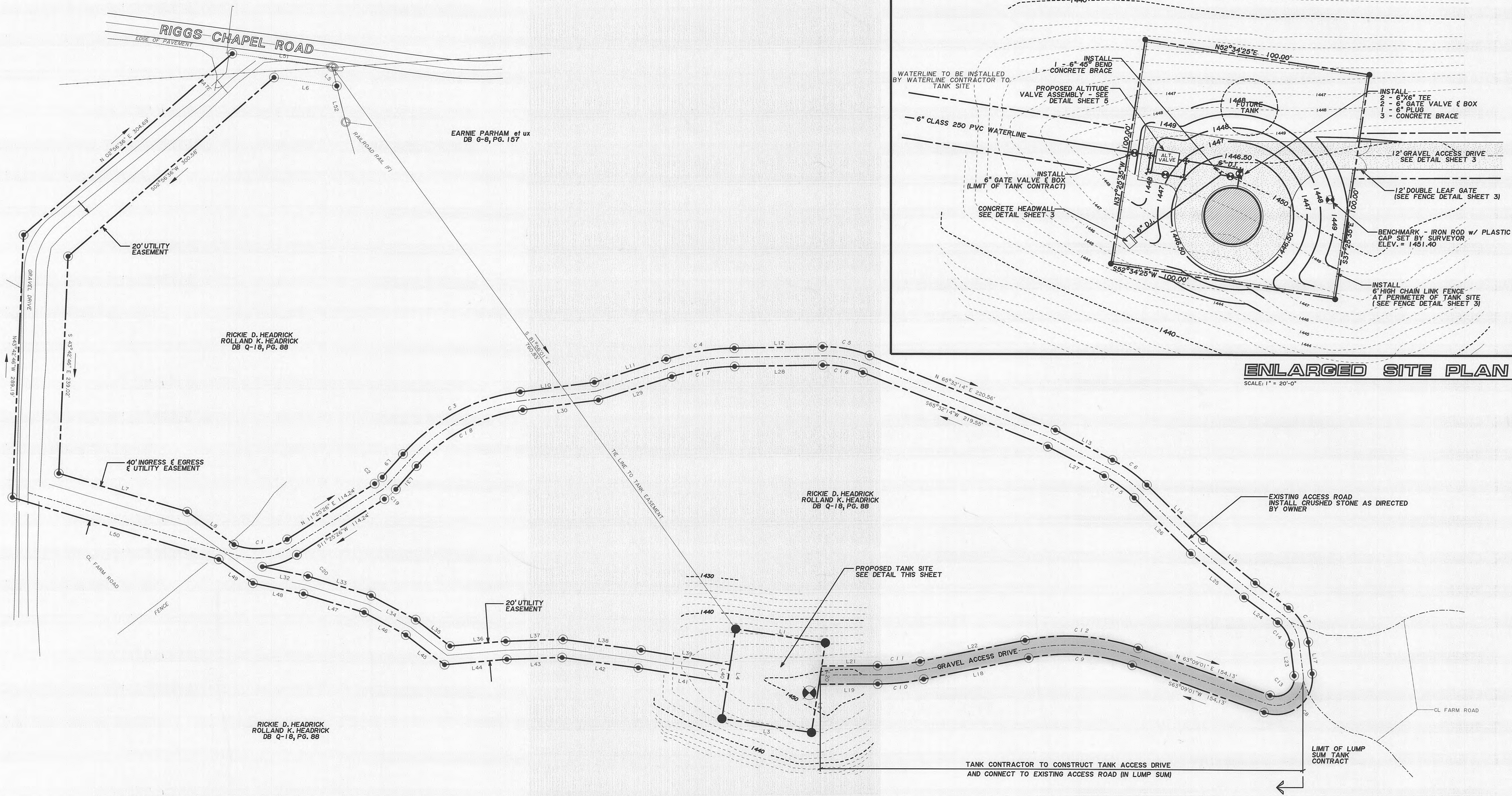
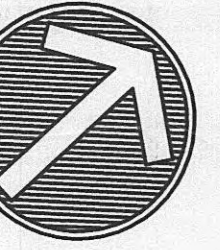
JCH PROJECT NO. 97253



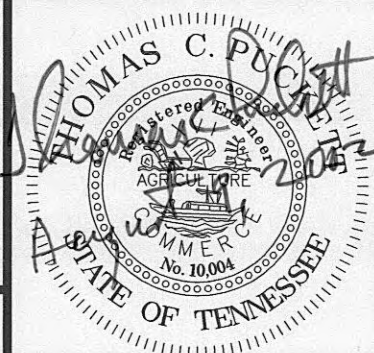
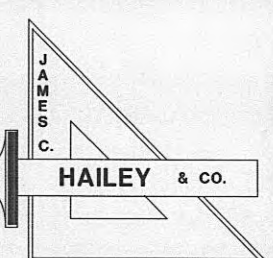
JAMES C. HAILEY & CO.

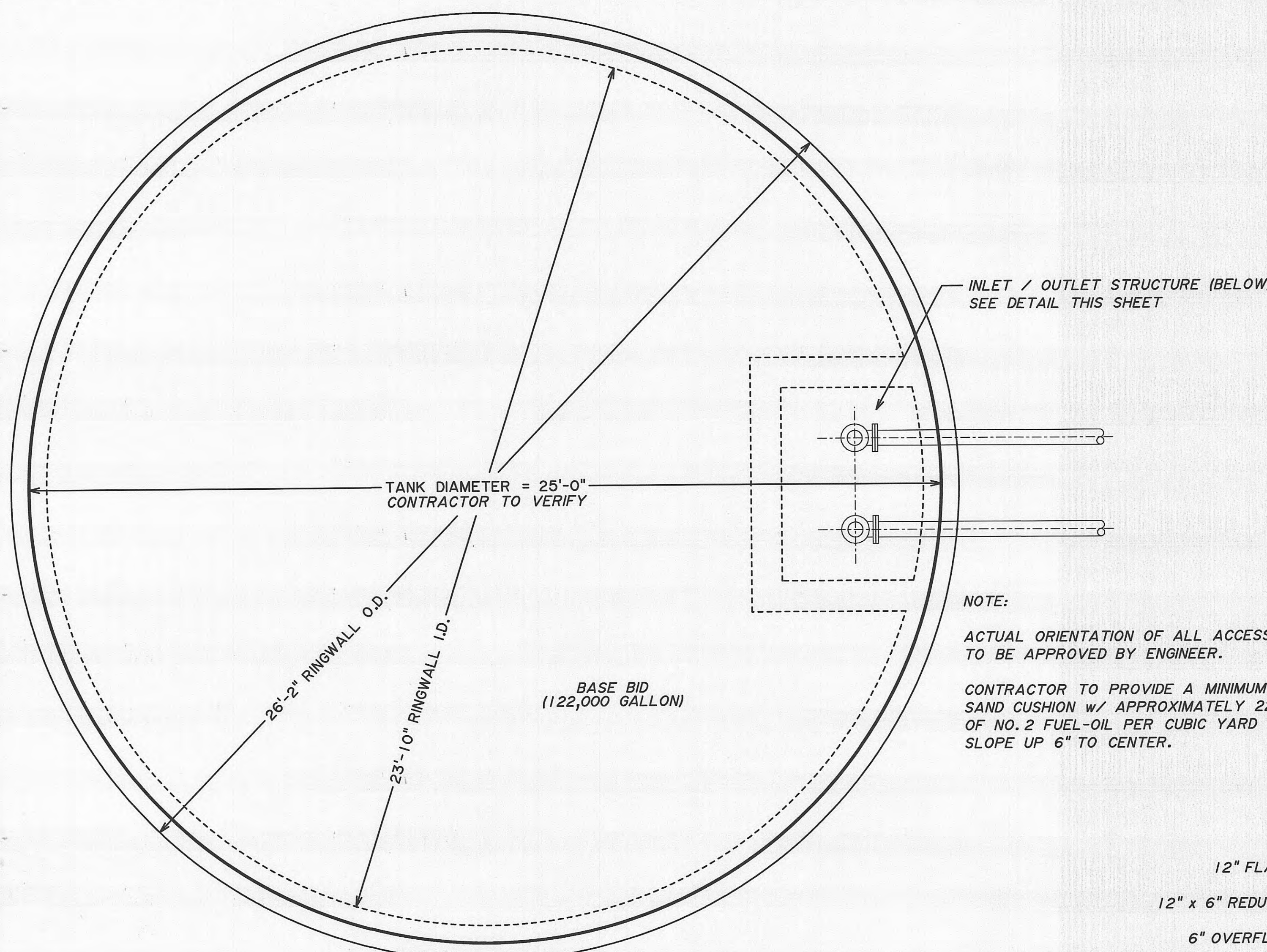
2622 OLD LEBANON ROAD - SUITE 200

NASHVILLE, TENNESSEE

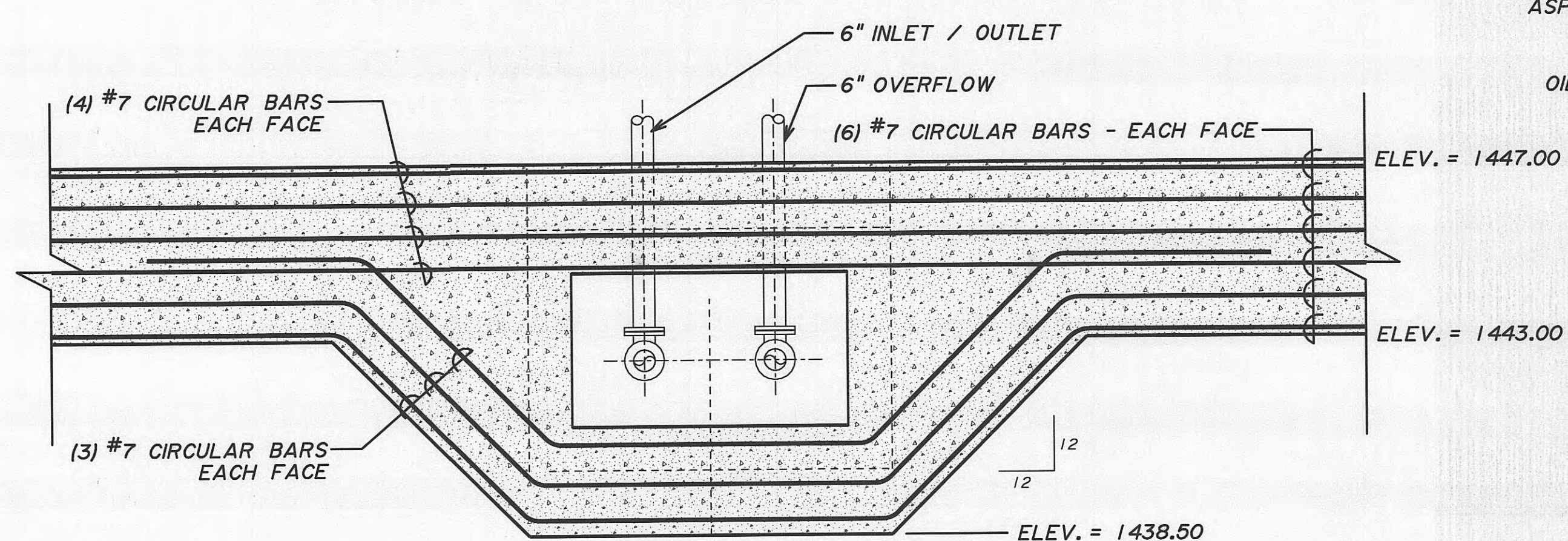


ENLARGED SITE PLAN
SCALE: 1" = 20'-0"

 			WOLFE BRANCH UTILITY DISTRICT Morgan County, Tennessee			PROPOSED WATER STORAGE TANK SITE PLAN			SHEET 1 of 5
DESIGN	TCP	DRAWN	BCF	CHECKED	TCP	DATE	AUGUST 2002	SCALE	1" = 50'-0"
						PROJECT NO.	97253		



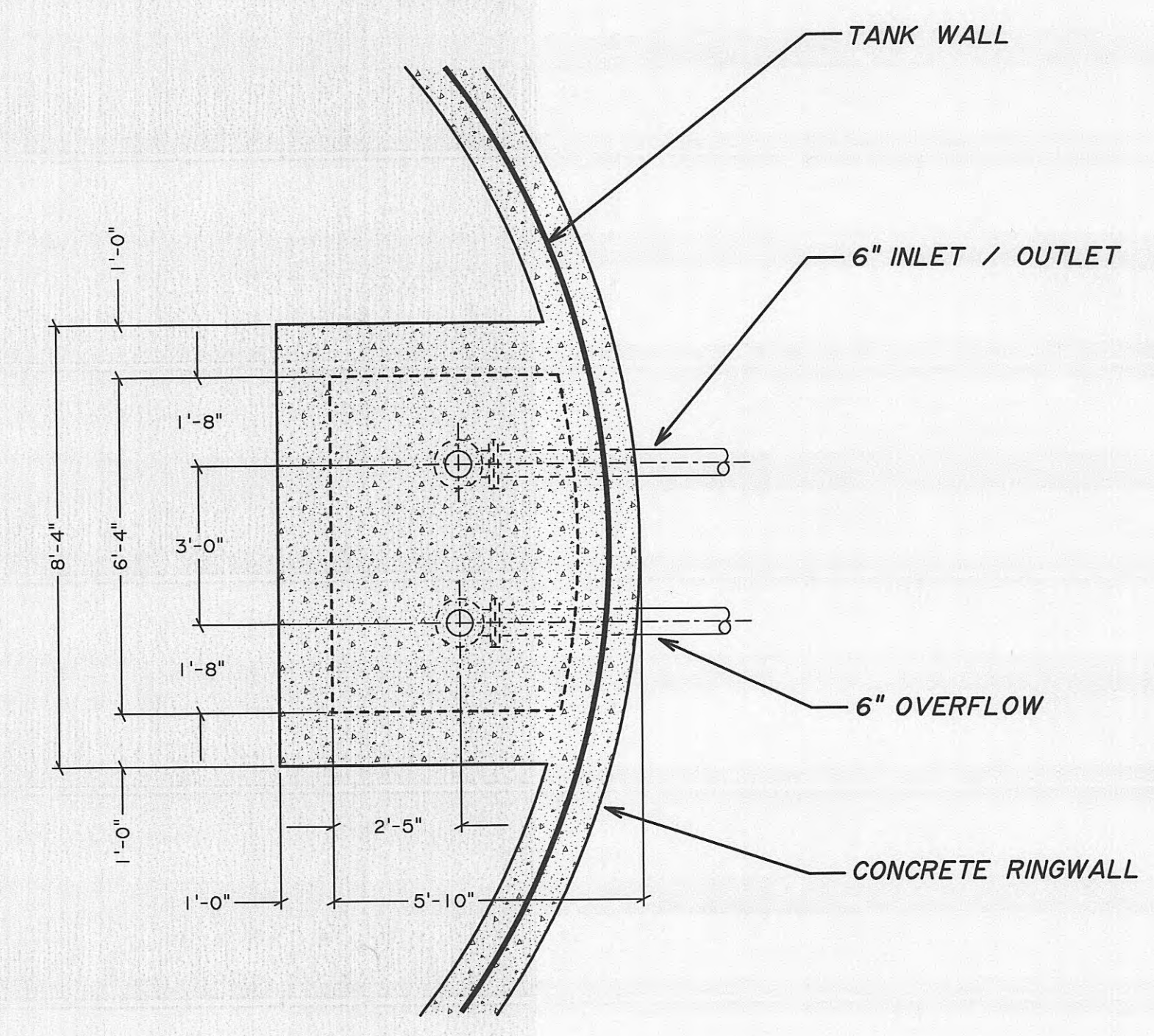
TANK - PLAN
SCALE: 3/8" = 1'-0"



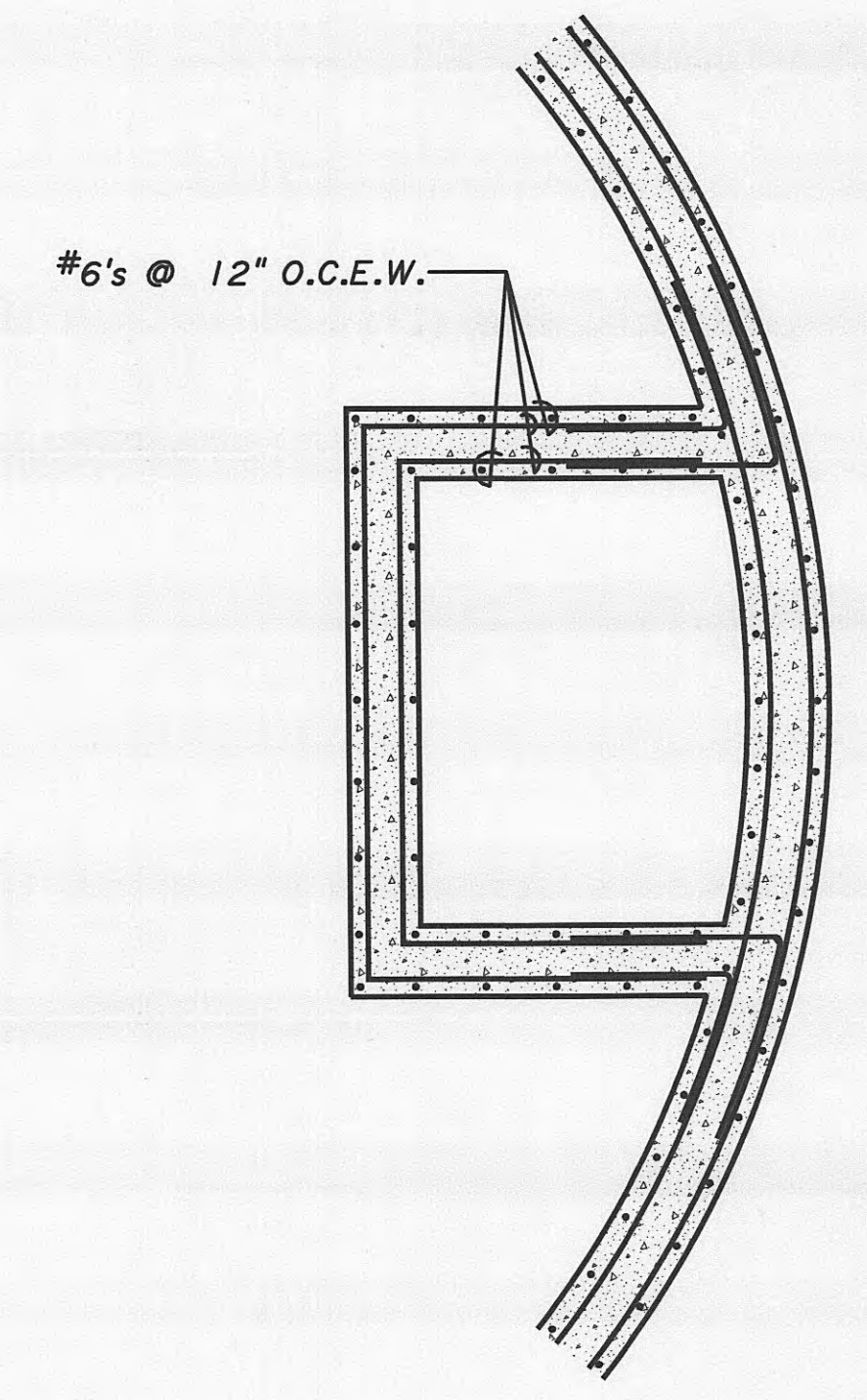
SECTION "A-A"
SCALE: 3/8" = 1'-0"

NOTE:
ACTUAL ORIENTATION OF ALL ACCESSORIES
TO BE APPROVED BY ENGINEER.

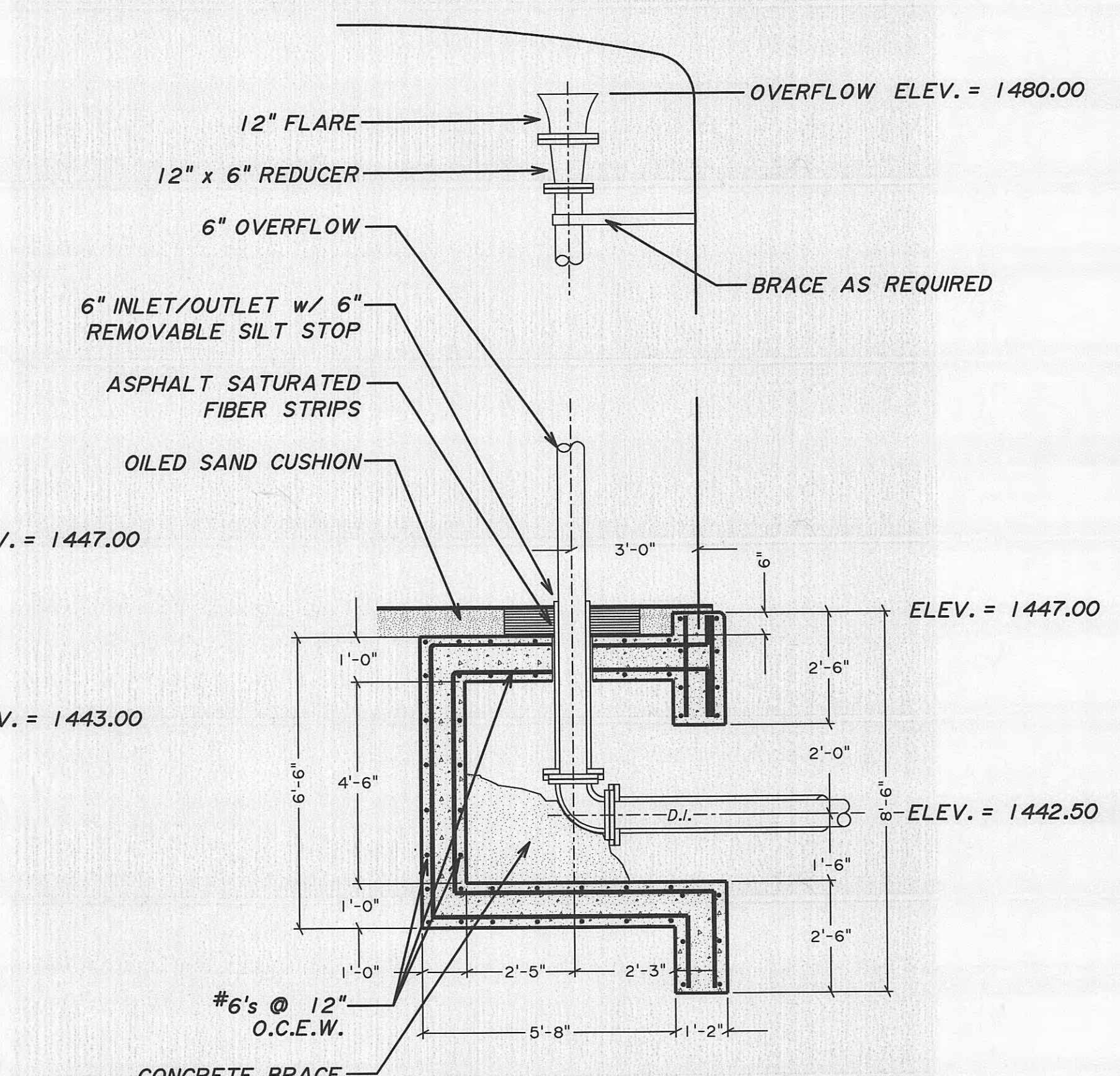
CONTRACTOR TO PROVIDE A MINIMUM 6" OILED
SAND CUSHION w/ APPROXIMATELY 22 GALLONS
OF NO. 2 FUEL-OIL PER CUBIC YARD OF SAND.
SLOPE UP 6" TO CENTER.



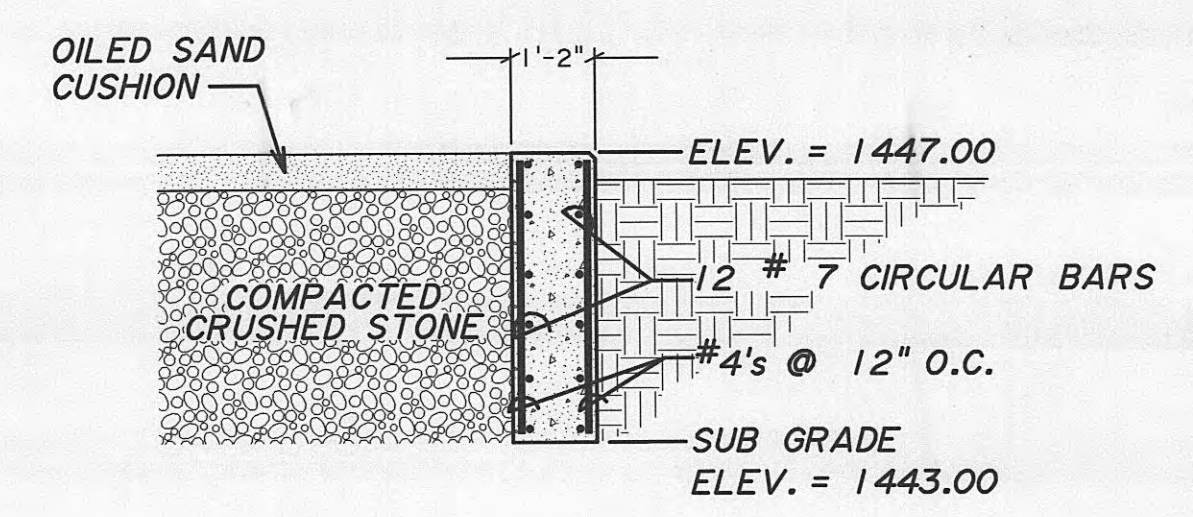
INLET / OUTLET DETAIL
SCALE: 3/8" = 1'-0"



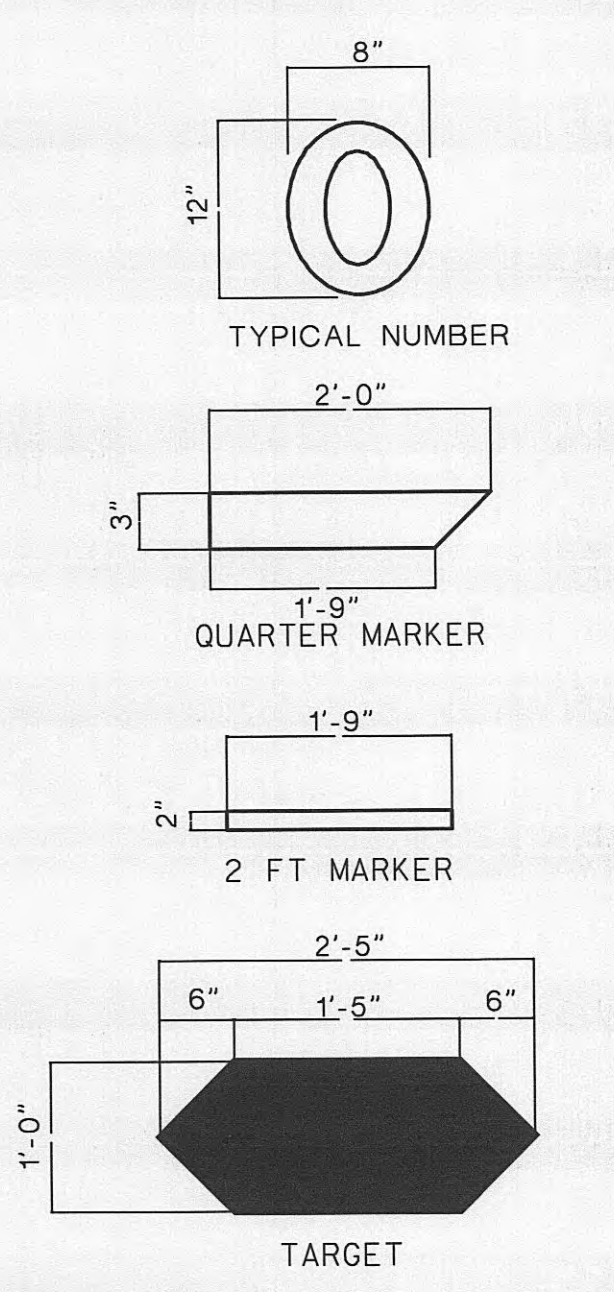
RINGWALL SECTIONAL PLAN
SCALE: 3/8" = 1'-0"



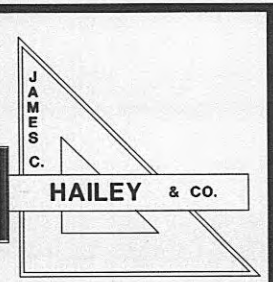
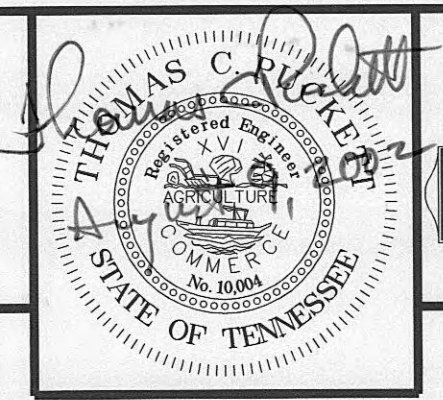
SECTION "B-B"
SCALE: 3/8" = 1'-0"



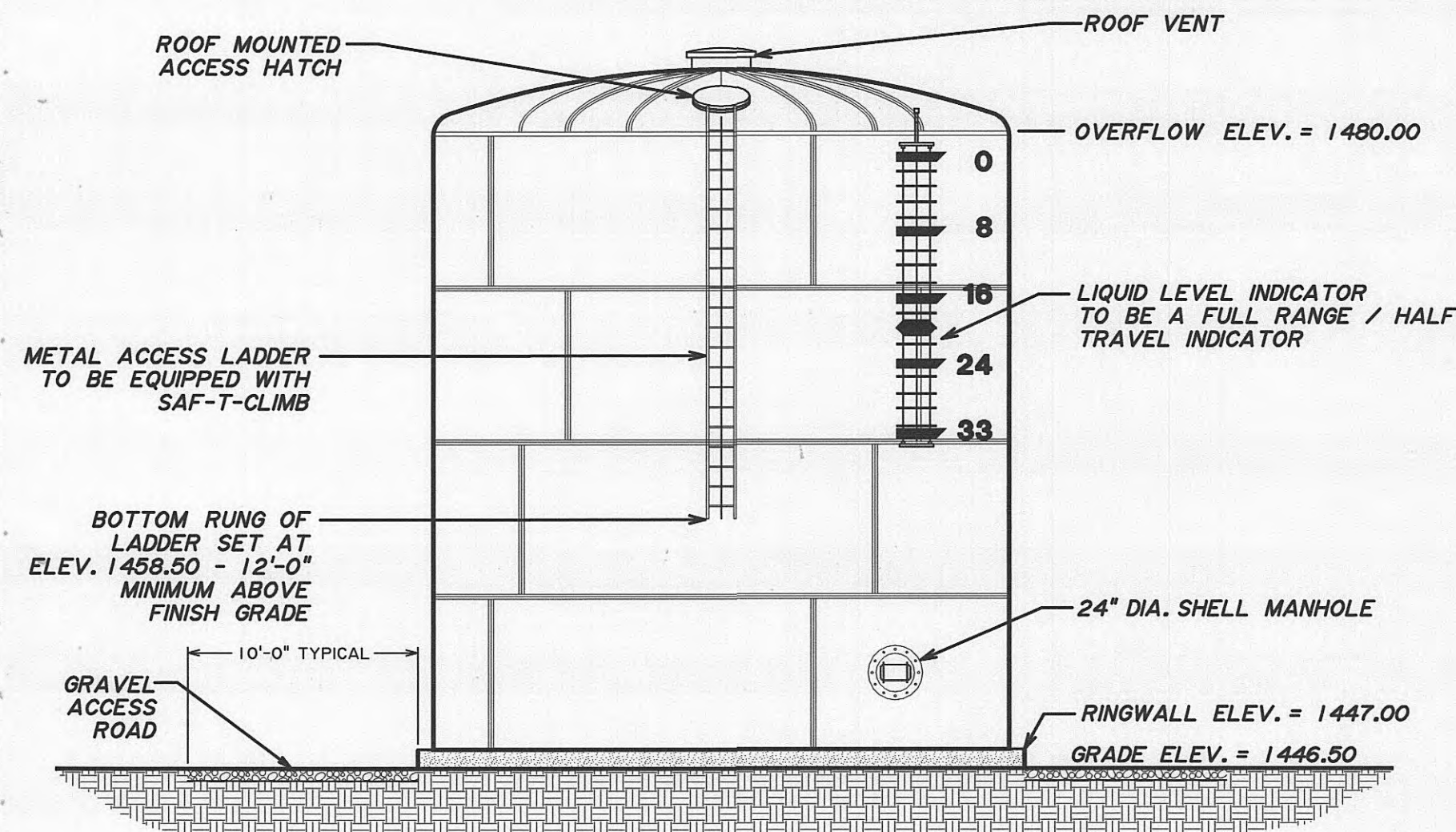
RINGWALL DETAIL
SCALE: 3/8" = 1'-0"



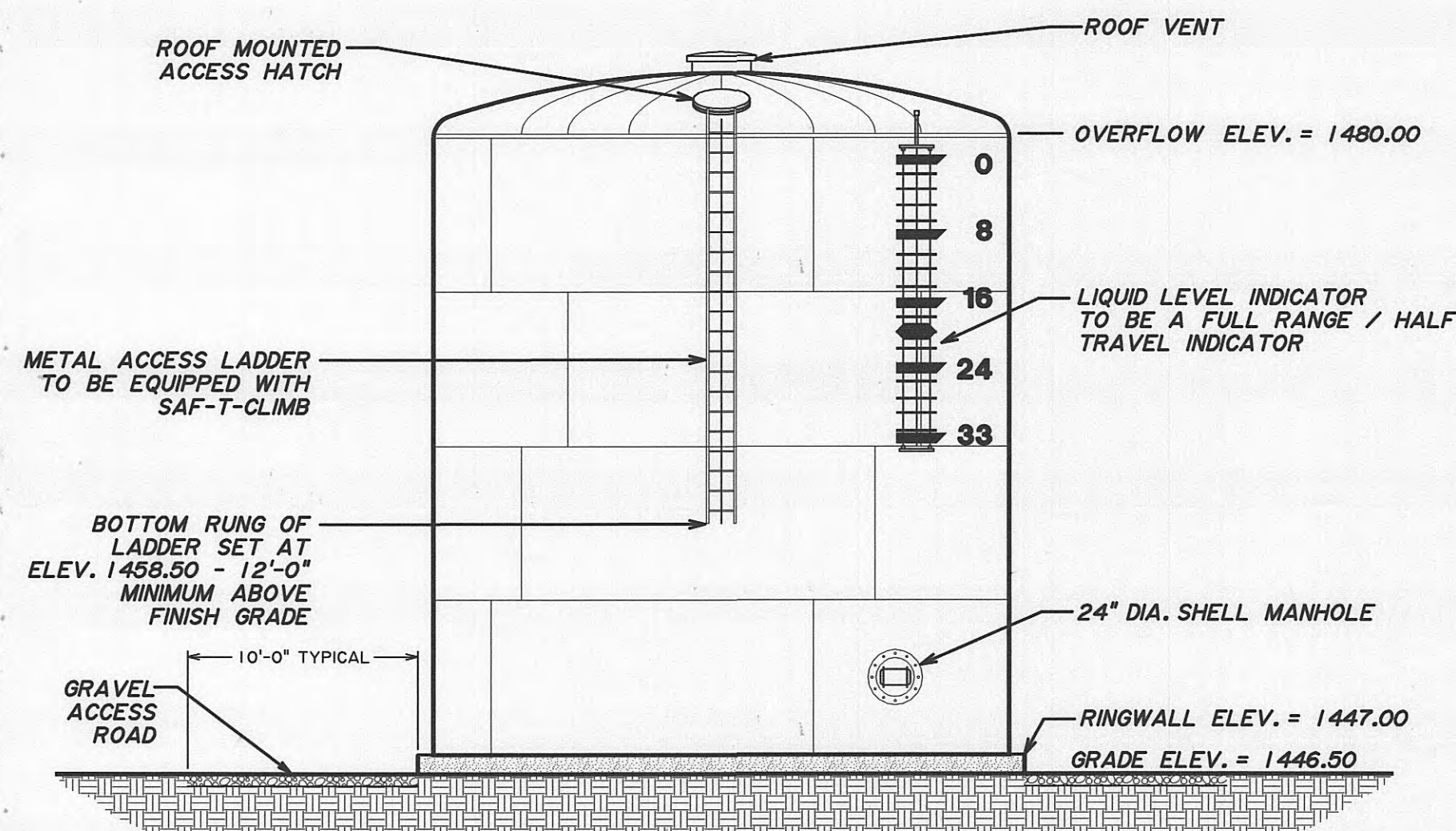
LIQUID LEVEL INDICATOR DETAIL
NOT TO SCALE



WOLFE BRANCH UTILITY DISTRICT Morgan County, Tennessee			WATER STORAGE TANK PLAN & SECTIONS			SHEET 2 of 5
DESIGN	DRAWN	CHECKED	DATE	SCALE	PROJECT NO.	
TCP	BCF	TCP	AUGUST 2002	3/8"=1'-0"	97253	

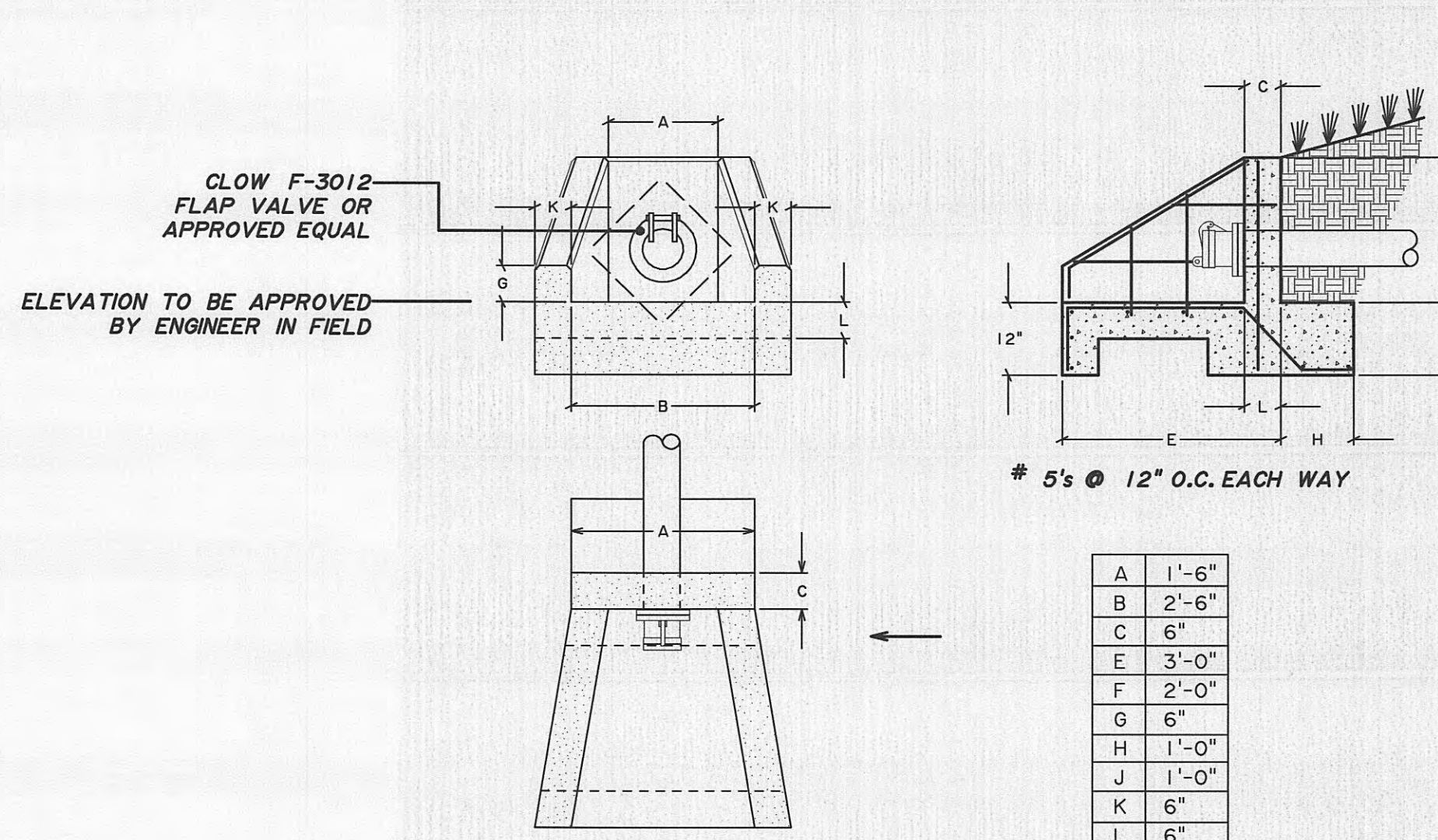


TANK ELEVATION
NO SCALE (122,000 GALLONS - BOLTED STEEL)

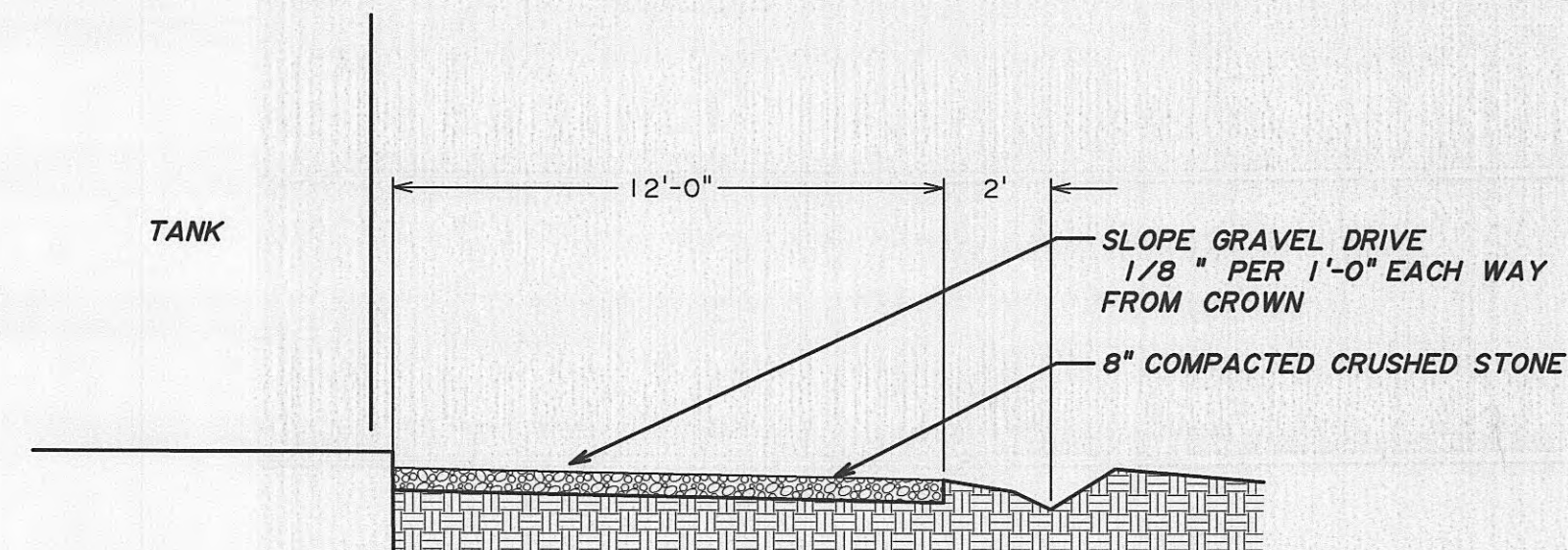


TANK ELEVATION
NO SCALE (122,000 GALLONS - WELDED STEEL)

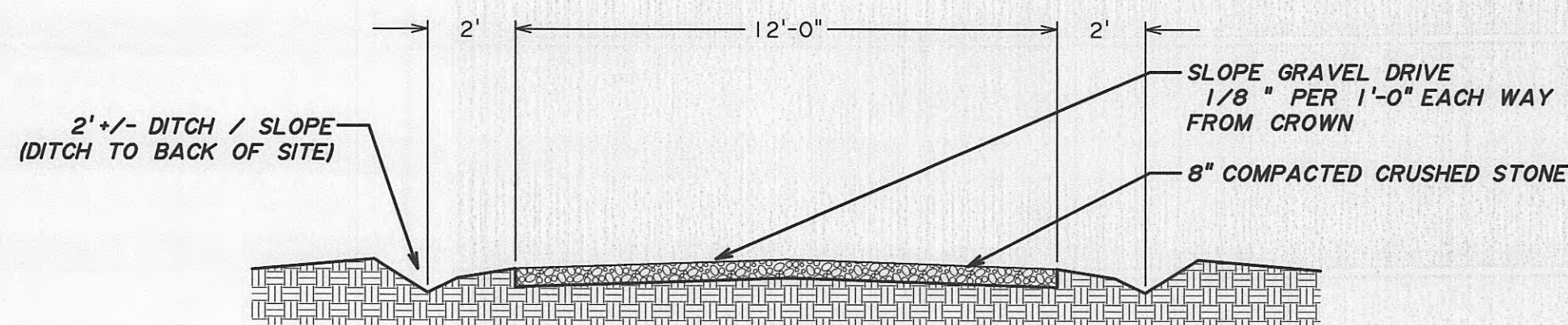
BASE BID



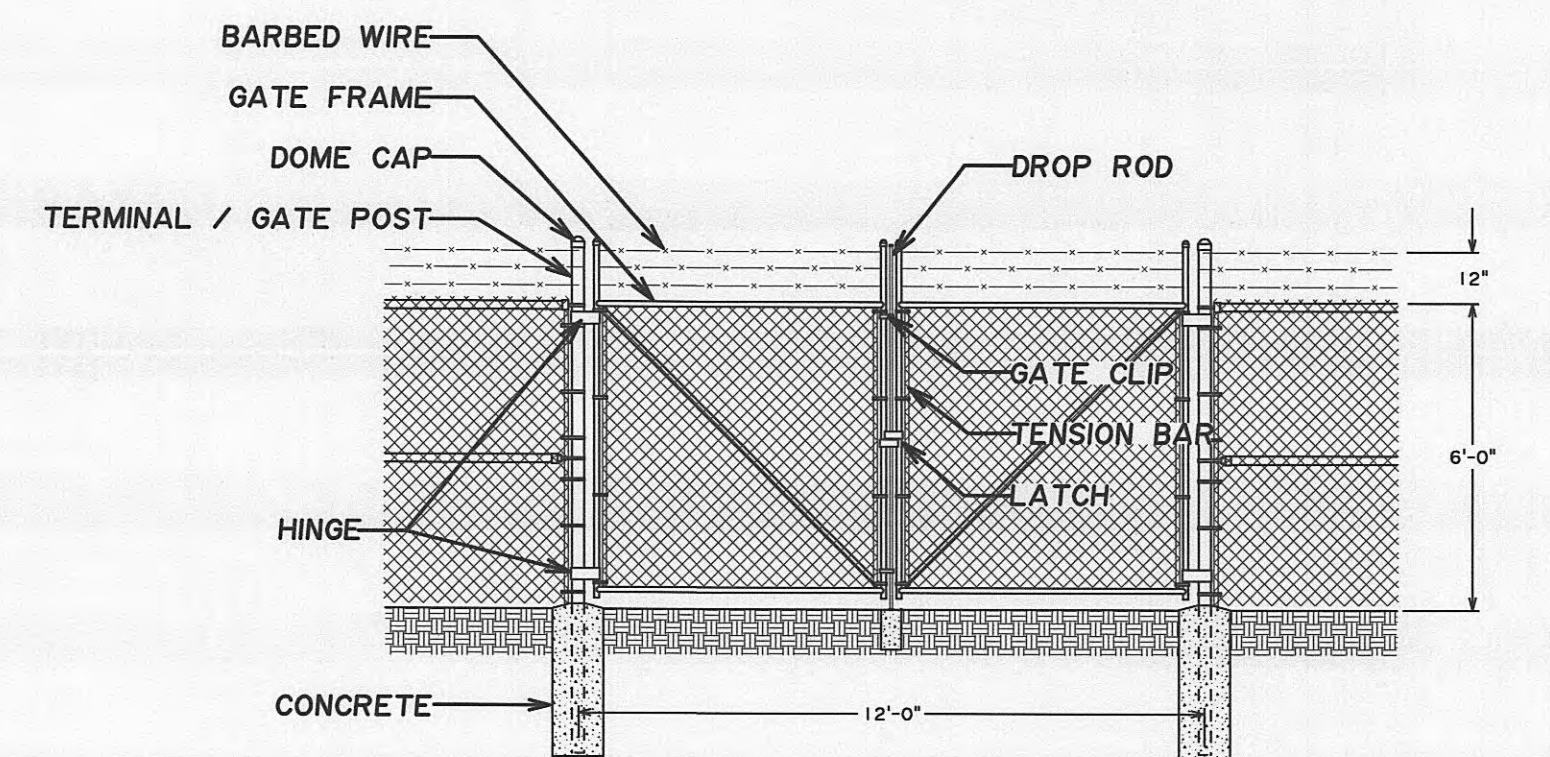
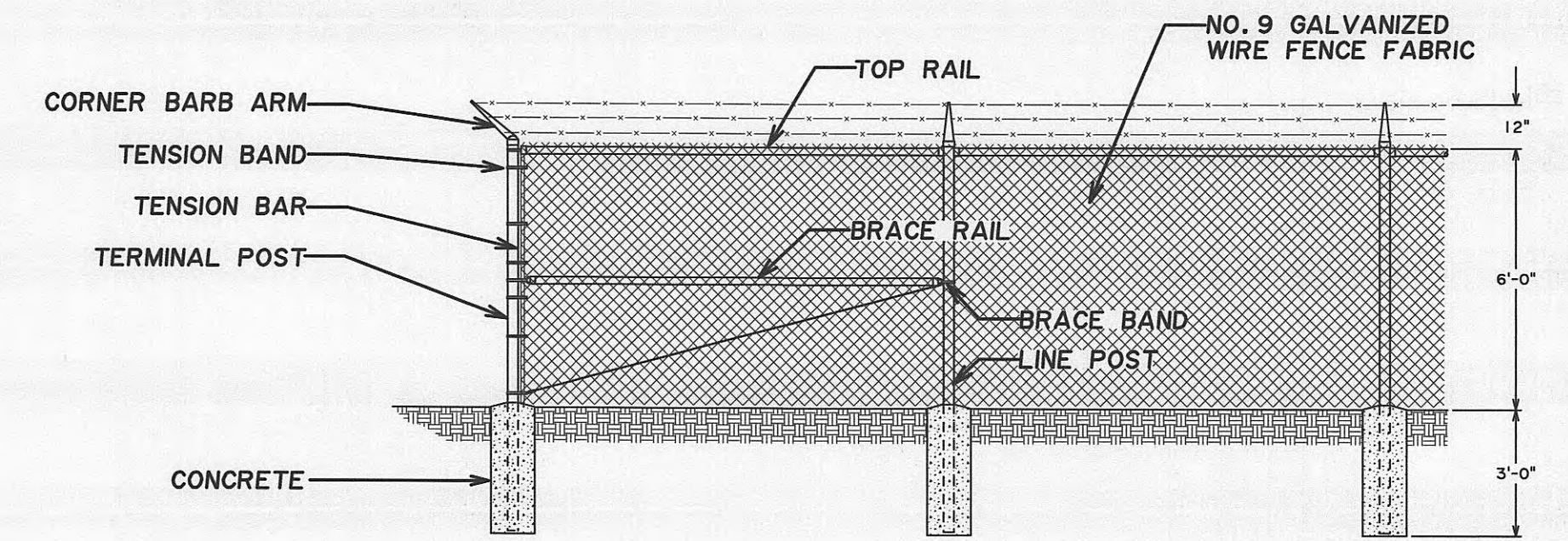
HEADWALL DETAILS
NO SCALE



TANK ROAD SECTION
NO SCALE



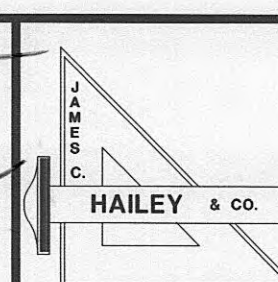
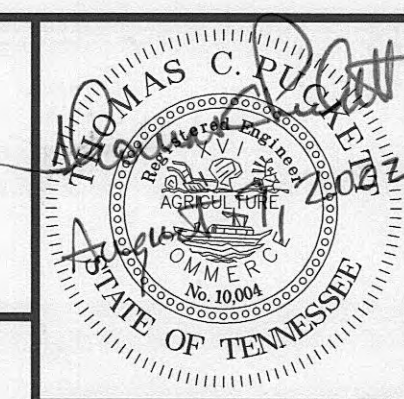
TANK ACCESS ROAD SECTION
NO SCALE



TYPICAL FENCE DETAILS
NO SCALE

GENERAL NOTES

- 1.) TANK CONTRACTOR IS TO MAKE THE CONNECTION TO WATER LINE AT LIMIT OF WATER LINE CONTRACT AS SHOWN.
- 2.) TANK CONTRACTOR TO CONSTRUCT TANK ACCESS DRIVE AND CONNECT TO EXISTING ACCESS ROAD AT THE POINT SHOWN ON SITE PLAN. PROVIDE COMPACTED FILL FOR DRIVE SUBGRADE TO ASSURE SMOOTH TRANSITION OF PROPOSED TANK DRIVE WITH THE EXISTING ACCESS ROAD. FILL TO BE COMPACTED TO 95% PROCTOR.
- 3.) PROVIDE 8" CRUSHED STONE ACCESS ROAD 12' WIDE - TO BE MAINTAINED THROUGHOUT CONSTRUCTION.
- 4.) CONTRACTOR TO PROVIDE SERVICES OF A GEOTECHNICAL ENGINEERING FIRM TO VERIFY BEARING CAPACITY OF SOILS & SUBGRADE. JAMES C. HAILEY & COMPANY TO APPROVE CONTRACTOR SELECTION OF A GEOTECHNICAL ENGINEERING FIRM.
- 5.) ALL PIPING SHALL MEET APPLICABLE PROVISIONS OF THE "TECHNICAL SPECIFICATIONS - WATER SUPPLY FACILITIES". ALL YARD PIPING TO BE CLASS 51 DUCTILE IRON.
- 6.) CARE SHALL BE GIVEN TO PROTECT ANY TREES WHICH ARE TO REMAIN AND NOT TO BE DISTURBED BY THE CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES.
- 7.) DISTURBED AREAS TO BE GRADED TO DRAIN, SEEDED AND MULCHED WITH STRAW.
- 8.) CONTRACTOR TO PROVIDE MINIMUM 6" OILED SAND CUSHION. APPROXIMATELY 22 GALLONS OF NO. 2 FUEL OIL PER CUBIC YARD OF SAND. SLOPE UP 6" TO CENTER.
- 9.) ACTUAL ORIENTATION OF ALL ACCESSORIES TO BE APPROVED BY ENGINEER.
- 10.) PROVIDE 8" CRUSHED STONE BASE ROAD 12' WIDE AROUND TANK.
- 11.) REMOVE TOPSOIL WITHIN CONSTRUCTION AREA. BACKFILL WITHIN RINGWALL TO BE COMPACTED CRUSHED STONE (NO. 66) ONLY.
- 12.) CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITIES FOR CONSTRUCTION.
- 13.) CONTRACTOR TO PROVIDE ALL REQUIRED ACCESORIES, SUCH AS BUT NOT LIMITED TO: INSIDE LADDER w/ SAF-T-CLIMB, MANHOLE AT BOTTOM & TOP, VENT, ETC..



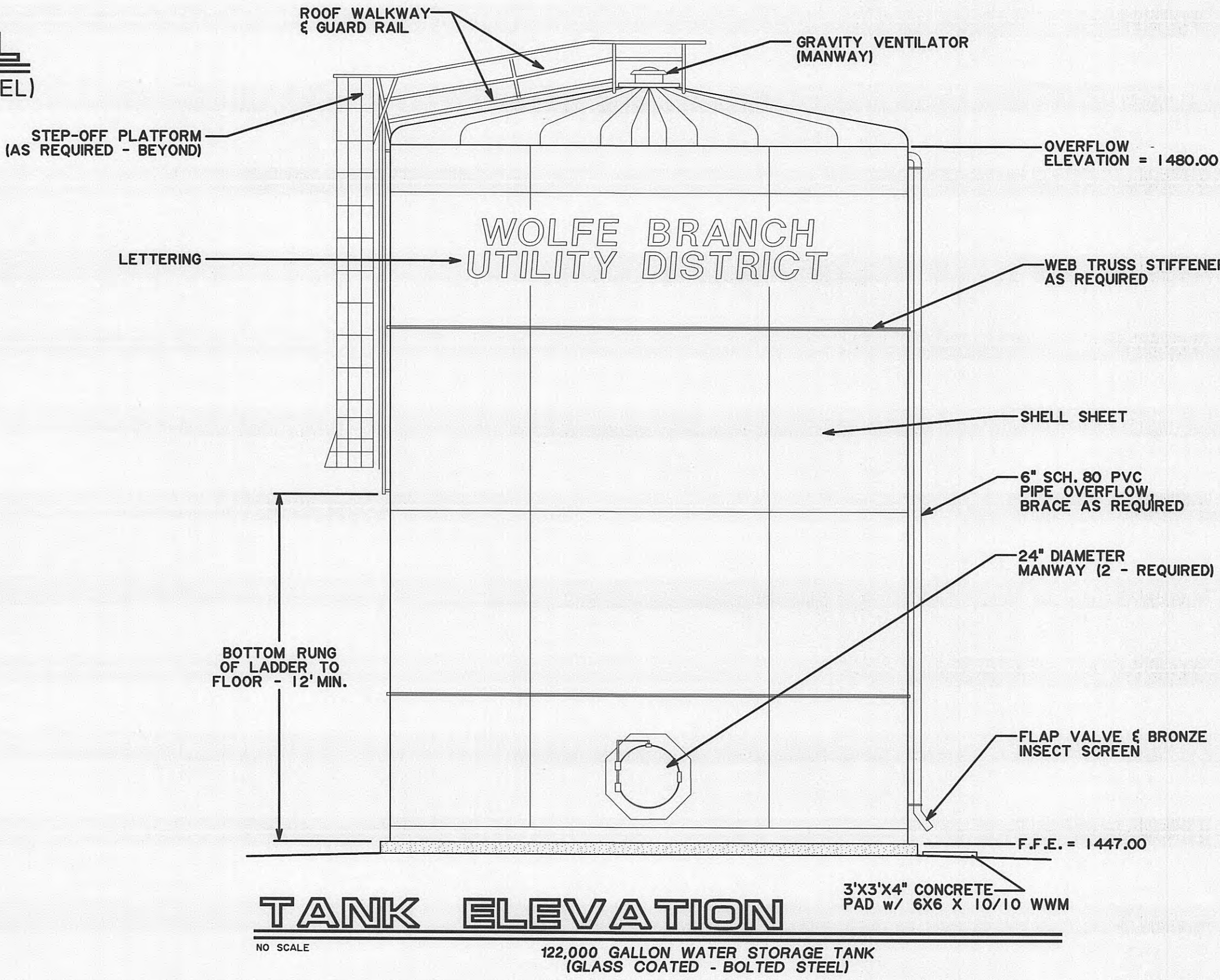
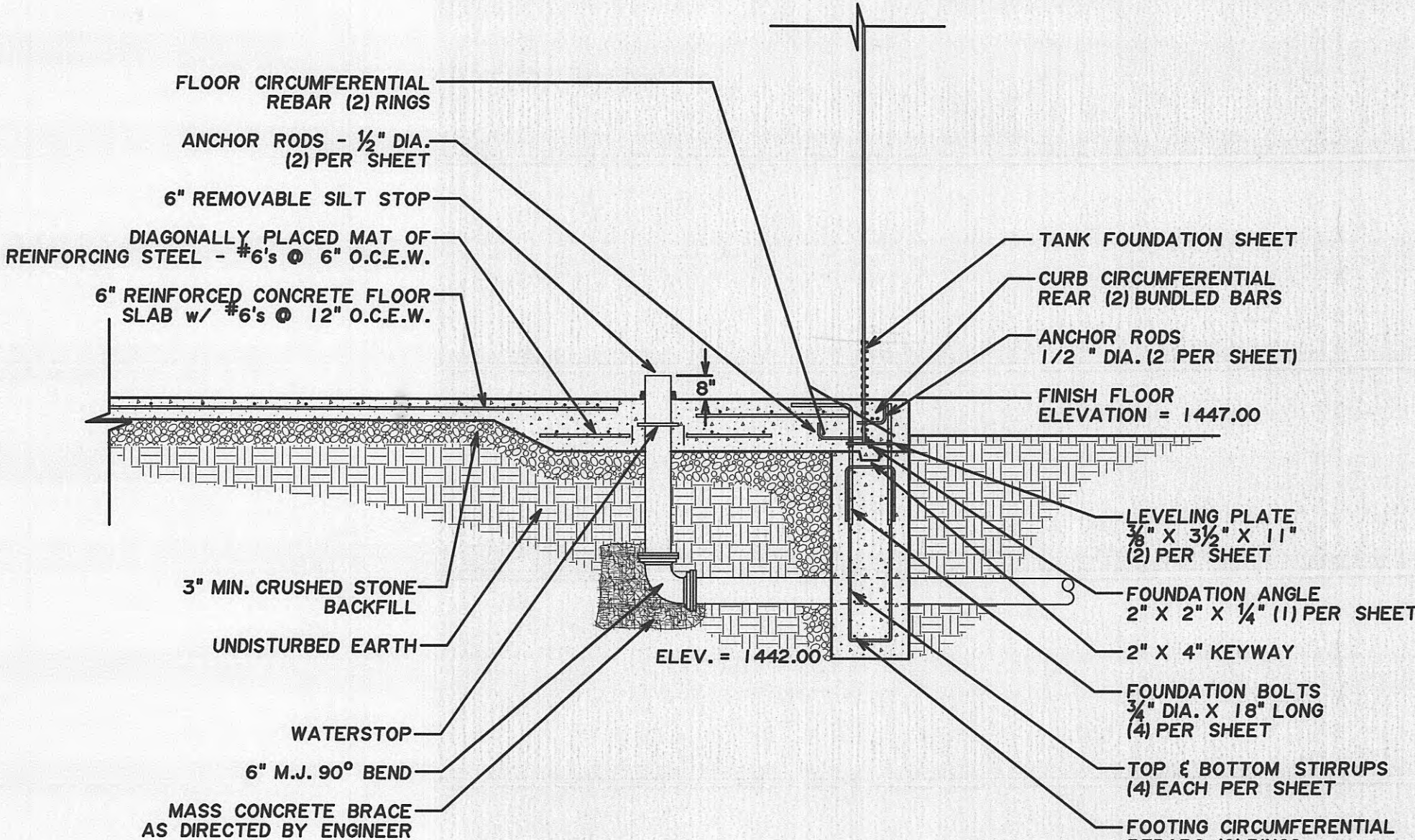
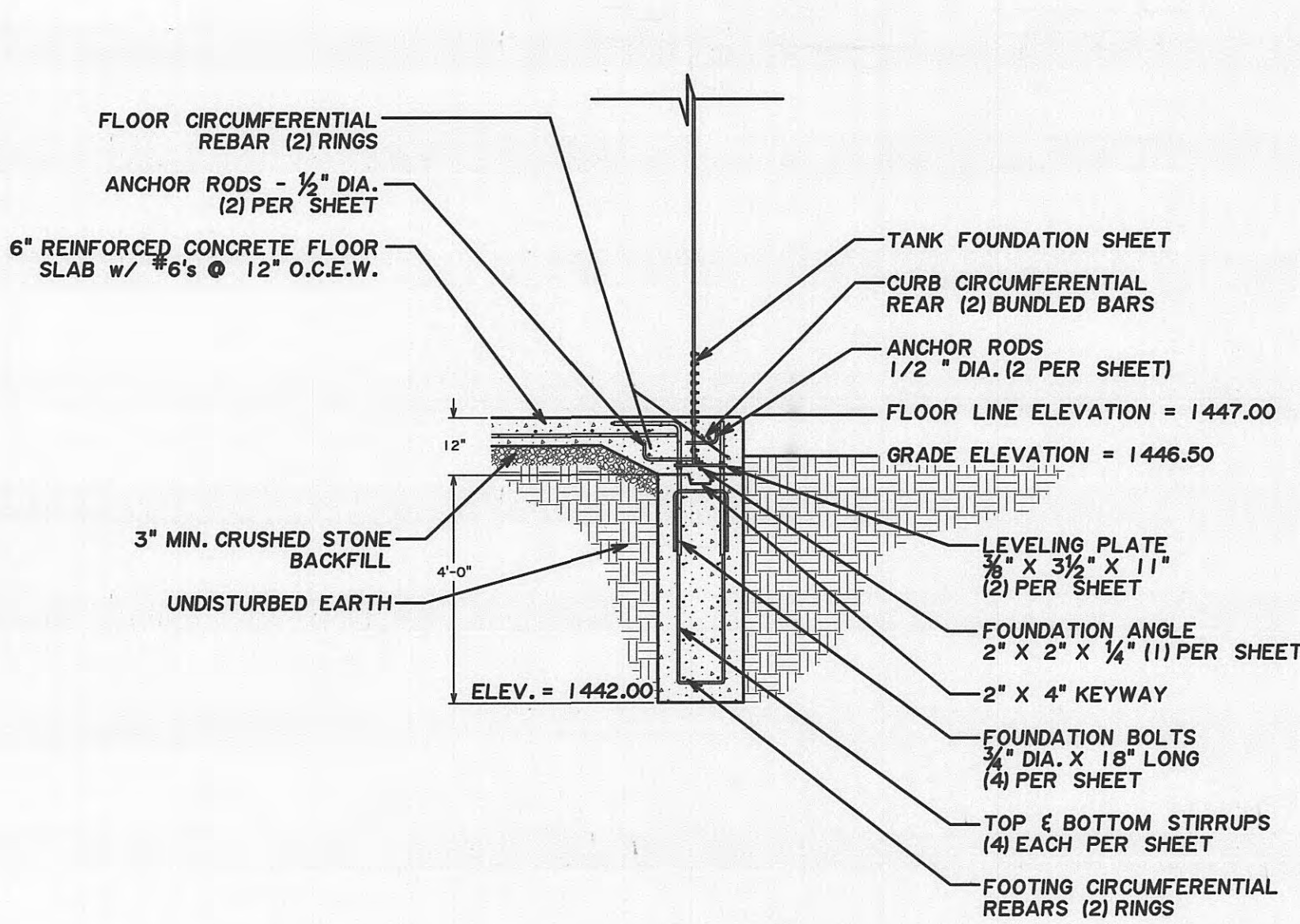
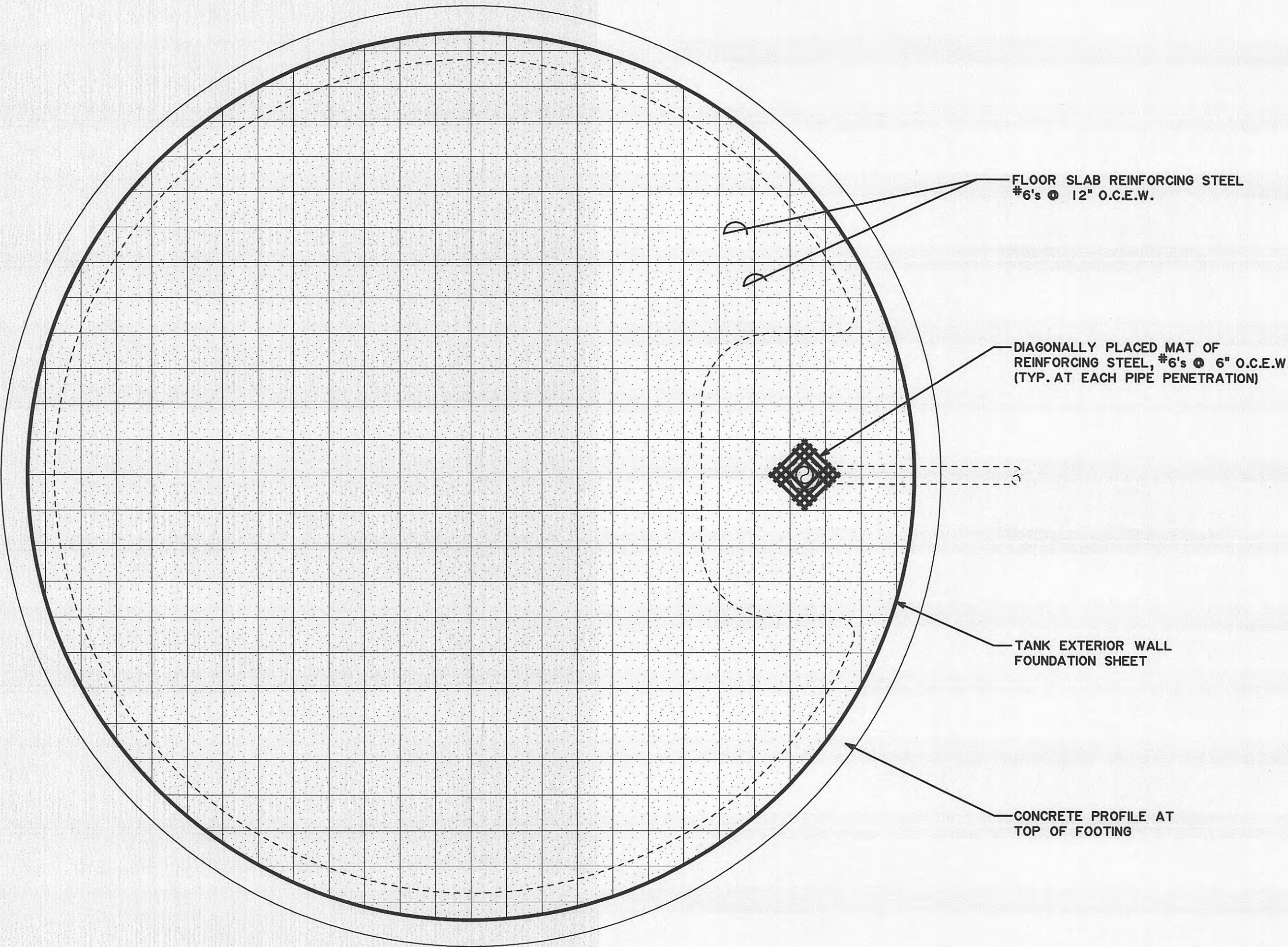
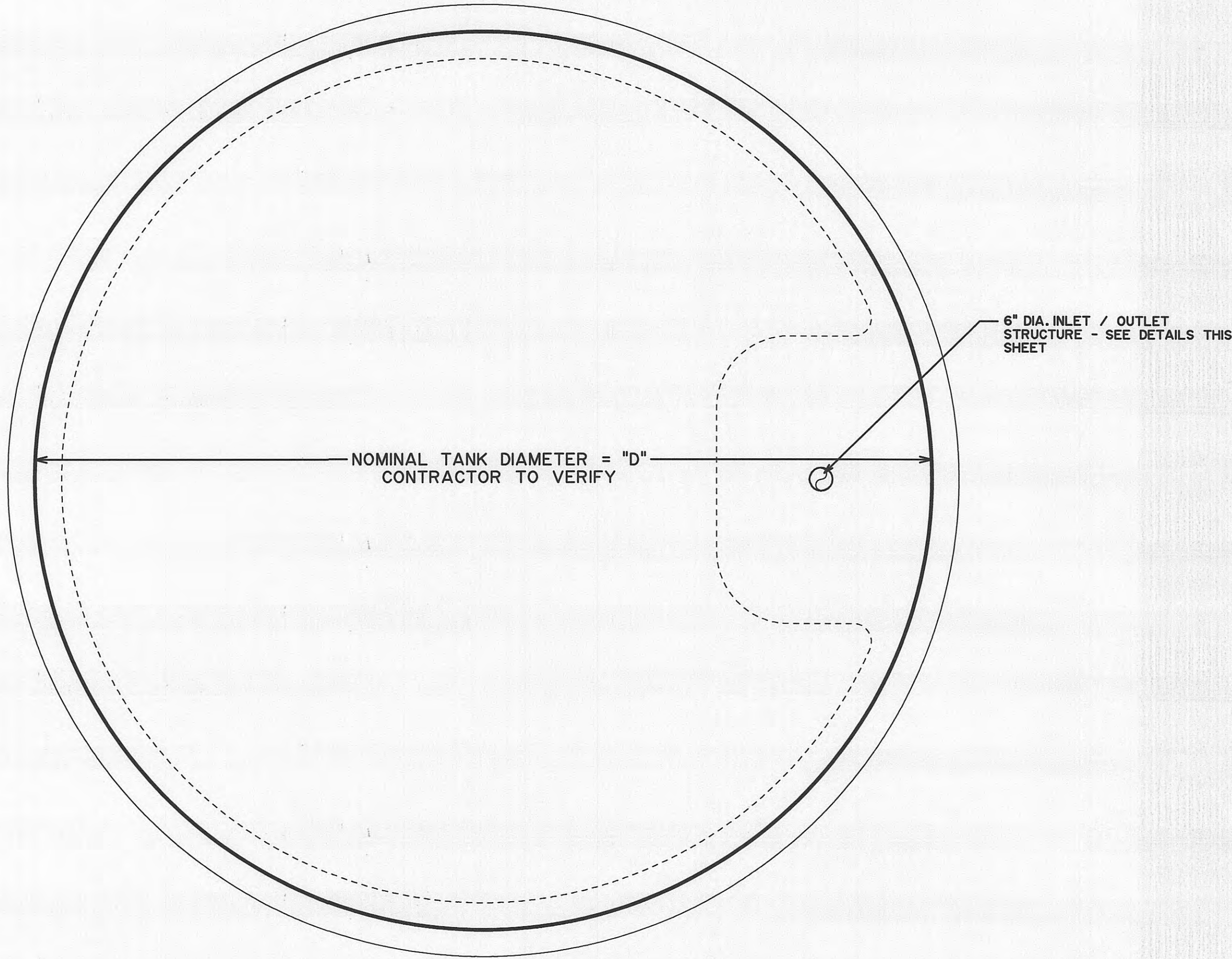
**WOLFE BRANCH
UTILITY DISTRICT**
Morgan County, Tennessee

**WATER STORAGE TANK
SITE PLAN,
ELEVATIONS & DETAILS**

DESIGN	DRAWN	CHECKED	DATE	SCALE	PROJECT NO.
TCP	BCF	TCP	AUGUST 2002	AS NOTED	97253

SHEET
**3
of
5**

TANK SCHEDULE		
BOLTED STEEL GLASS COATED	CAPACITY (GALLONS)	NOMINAL DIAMETER = "D"
BASE BID SIZE	122,000	25.00 FEET



 THOMAS C. BAILEY Professional Engineer No. 10527 Exp. 12/31/2012 STATE OF TENNESSEE		WOLFE BRANCH UTILITY DISTRICT Morgan County, Tennessee			FOUNDATION PLAN, SECTIONS & DETAILS (GLASS COATED BOLTED STEEL TANK)			SHEET 4 of 5
		DESIGN	DRAWN	CHECKED	DATE	SCALE	PROJECT NO.	
		TCP	BCF	TCP	AUGUST 2002	AS NOTED	97253	

