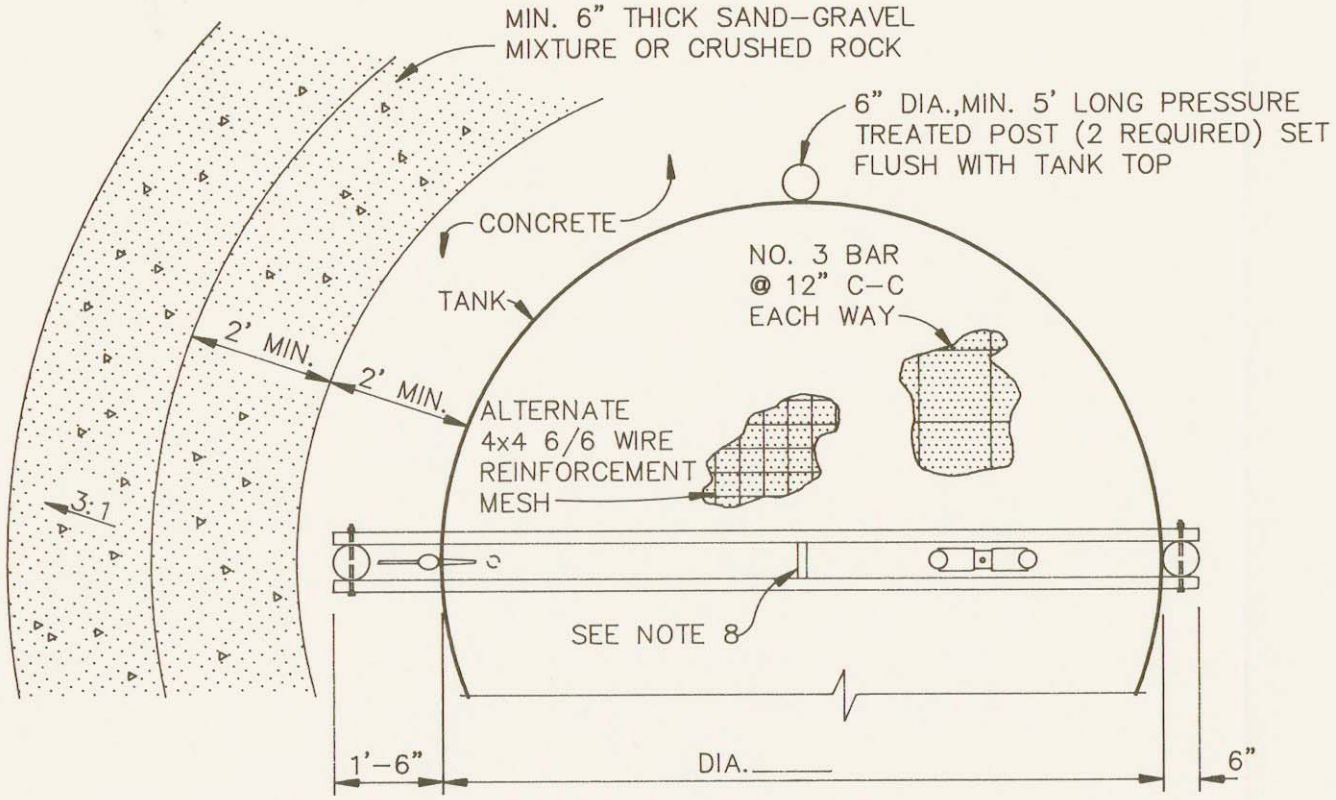
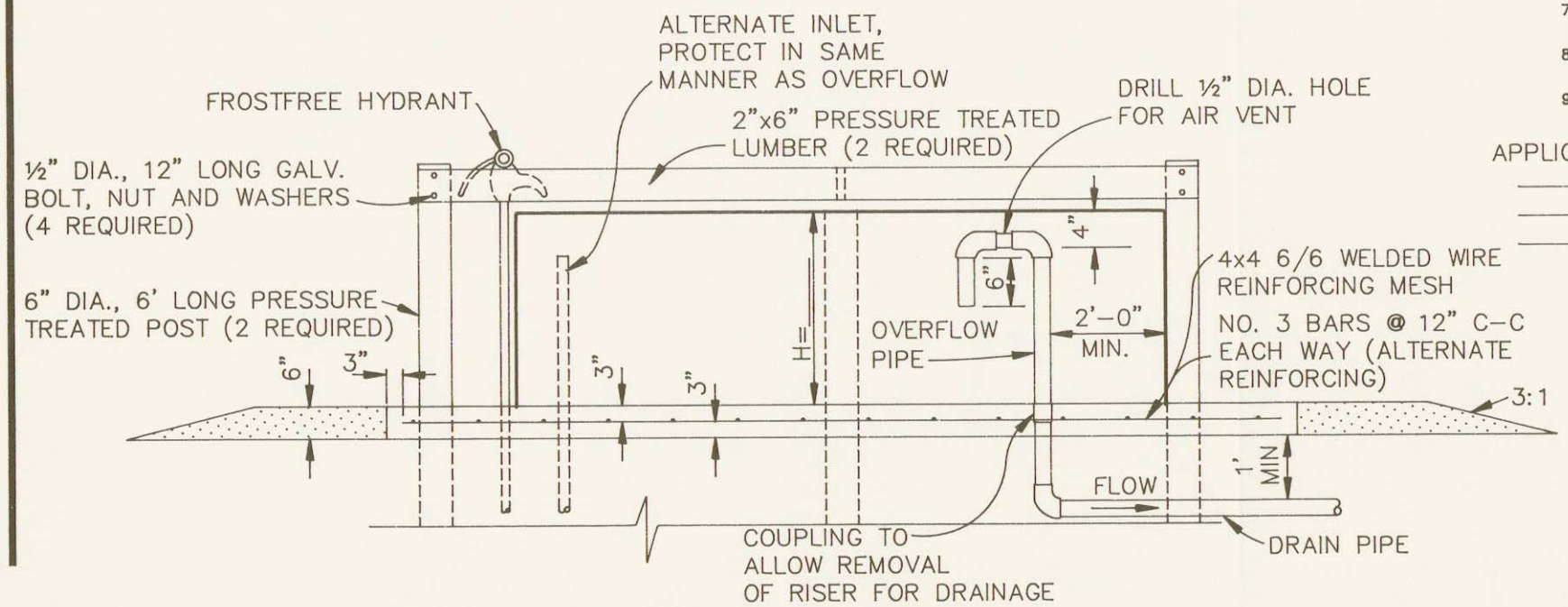
DA-SCS



PLAN VIEW

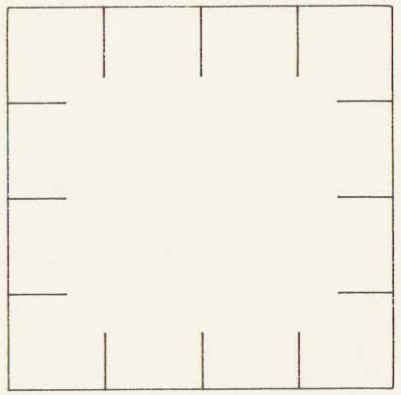


SIDE ELEVATION

TABLE OF QUANTITIES

ITEM	UNIT	QUANTITY

SD-ENG-42
7/81



TANK VOLUME AT OVERFLOW_____ GALLONS
TANK WALL THICKNESS_____ INCHES

SEC._____,T._____,R.
COUNTY_____

LOCATION MAP

CONCRETE BASE QUANTITIES

DIAMETER FT.	CONCRETE CU.YD.	#3 REINFORCING BAR		WIRE MESH 4x4 6/6*		VOLUME AT OVERFLOW IN GALLONS
		LIN.FT.	LB.	SQ.FT.	LB.	

*DOES NOT INCLUDE AREA REQUIRED FOR OVERLAP

NOTES:

1. OVERFLOW AND DRAIN PIPE SHALL BE 1½" MIN.DIA.
2. DRAIN PIPE SHALL BE GRADED TO ALLOW DRAINAGE
3. USE EITHER WELDED WIRE MESH OR NO.3 REINFORCING BARS.
4. IF FLOAT IS TO BE USED, OVERFLOW DOES NOT NEED TO BE INSTALLED PROVIDED TANK HAS ADEQUATE MEANS FOR DRAINAGE
5. ALL PIPE ABOVE GROUND, OUTSIDE OF TANK SHALL BE GALVANIZED STEEL, COPPER OR BRASS.
6. ALL GALVANIZED STEEL PIPE BELOW GROUND SHALL BE SCOTCH WRAPPED.
7. PROTECT DRAIN PIPE AT OUTLET END BY EXCAVATING A HOLE AND BACKFILLING OVER PIPE WITH FIELD STONE, MIN.DIA. 1½"
8. WHEN 2"x6" CROSS MEMBERS EXCEED 10' IN LENGTH, ADD BRACE BLOCK FOR STIFFENERS.
9. SUBBASE PREPARATION SHOULD PROVIDE A MINIMUM 4" LAYER OF SAND OR FINE GRAVEL BENEATH THE CONCRETE BASE AS STATED IN THE TECHNICAL GUIDE TROUGH AND TANK NO. 614

APPLICABLE SOUTH DAKOTA CONSTRUCTION AND MATERIAL SPECIFICATIONS

_____

_____

_____

STOCKWATER DRINKING STORAGE TANK WITH CONCRETE BASE

OPERATOR_____

CONSERVATION DISTRICT_____

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

	DATE		
DESIGNED		APPROVED BY	
DRAWN		TITLE	
TRACED		TITLE	
CHECKED		SHEET NO OF	DRAWING NO.

JOB PLAN NO. 14.4