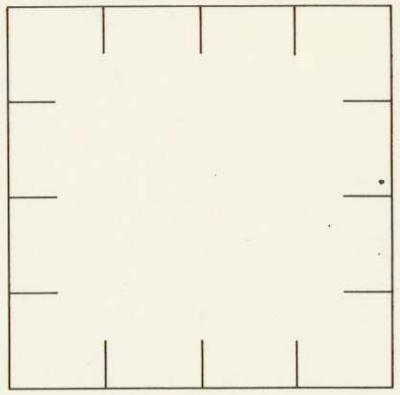
TABLE OF QUANTITIES

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

* DOES NOT INCLUDE AREA REQUIRED FOR OVERLAP

** VOLUME AT OVERFLOW COMPUTED USING STANDARD WIDTH CORRUGATED METAL SHEETS 25 1/2".

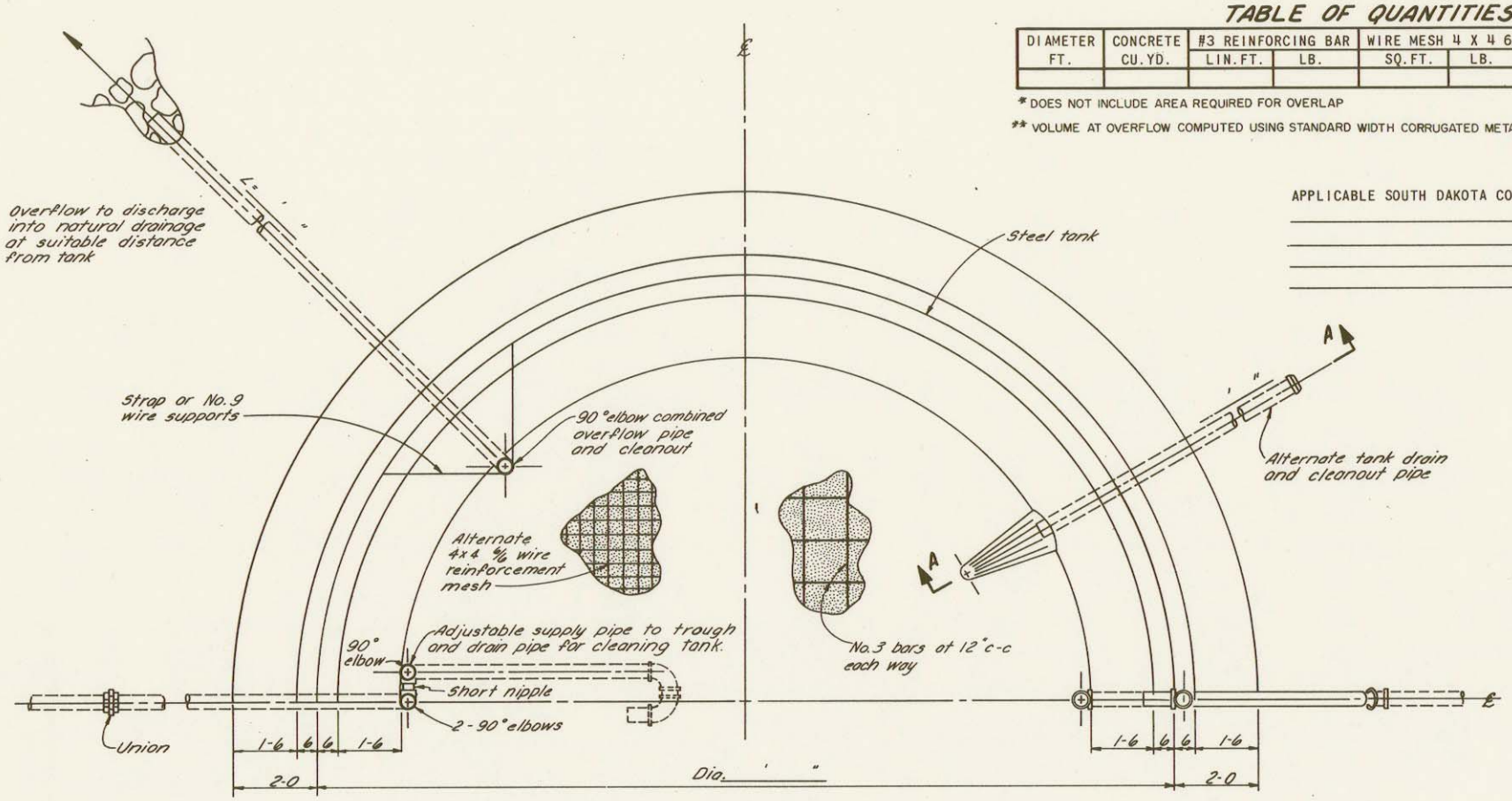
APPLICABLE SOUTH DAKOTA CONSTRUCTION AND MATERIAL SPECIFICATIONS



Sec.____ T.____ R.____

_____ County

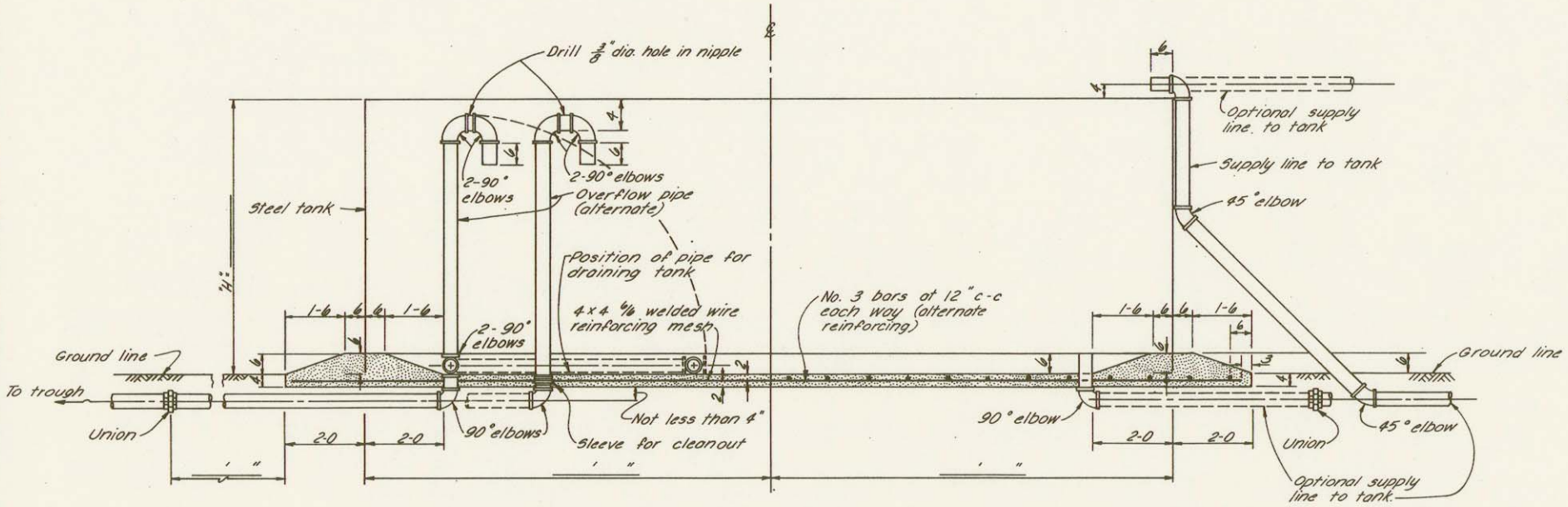
LOCATION



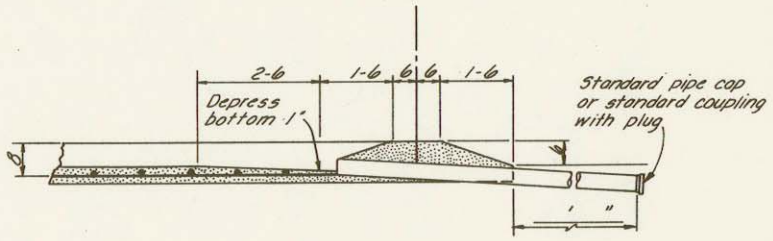
PLAN VIEW

NOTES:

1. THE CONCRETE FLOOR MUST BE CONSTRUCTED ON A FIRM, WELL COMPACTED FOUNDATION. A 4" LAYER OF COMPACTED SAND SHALL BE USED AS A SUBGRADE MATERIAL ON PLASTIC SOILS.
2. USE EITHER WELDED WIRE MESH OR NO. 3 REINFORCING BARS.
3. SET SWING JOINT OF TROUGH SUPPLY LINE SO THAT THE PIPE CAN BE SWUNG FLAT ON FLOOR TO DRAIN TANK.
4. ALL PIPES AND FITTINGS TO BE GALVANIZED IRON.
5. OVERFLOW PIPE AND CLEANOUT MAY BE MOVED TOWARD THE CENTER OF TANK IF DESIRED.
6. MINIMUM SIZE OF OVERFLOW PIPE SHALL BE 1 1/2" DIA.
7. DESIGN SUPPLY LINE TO MEET WATER SOURCE REQUIREMENTS.



CROSS SECTION



SECTION A-A

STEEL RIM 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.

Rev. 8/80

JOB PLAN NO. 14.1

REFERENCE: GUIDE PLAN NO. 14.1

USDA-SCS-LINCOLN, NEBR. 1973

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