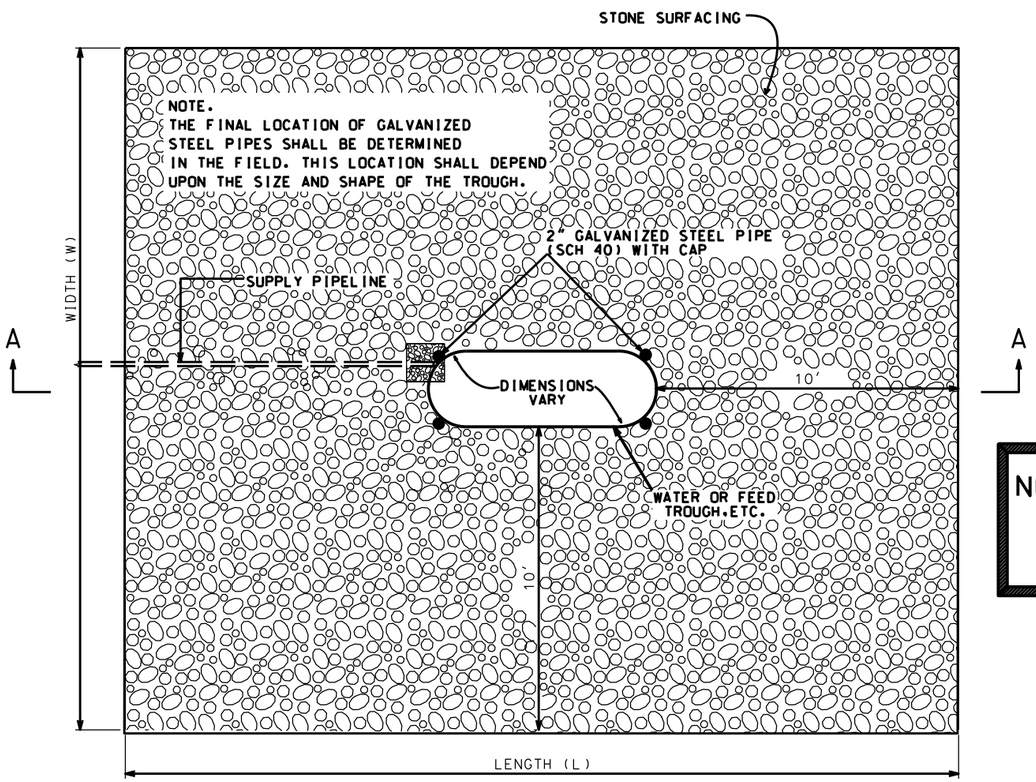
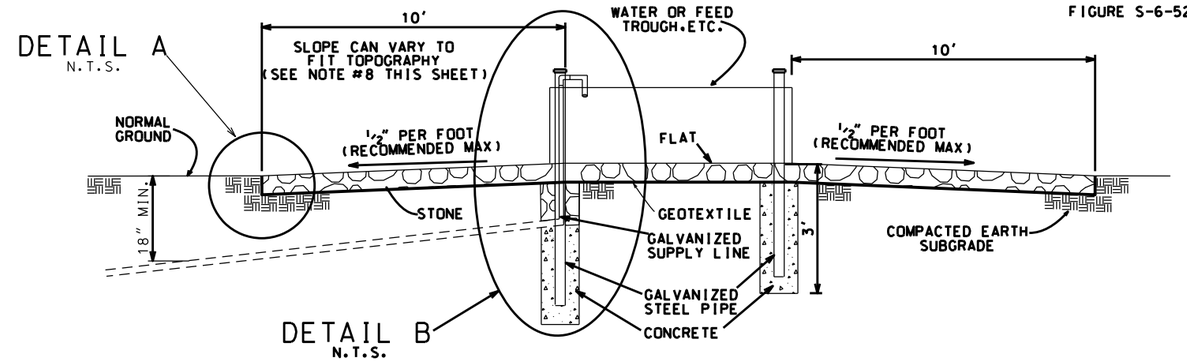
FIGURE S-6-52

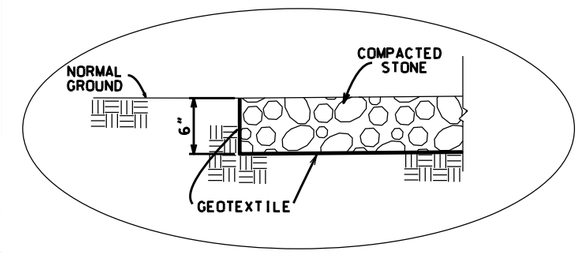


PLAN
N.T.S.



SECTION A-A

NOTE: WATER PIPING NOT REQUIRED WHEN USING ROCK PAD FOR WINTER FEEDING AREA.



DETAIL A
N.T.S.

QUANTITIES

PLANNED			INSTALLED	
STONE		C.Y.		C.Y.
GEOTEXTILE		C.Y.		C.Y.
GALVANIZED PIPE (WATERLINE)		L.F.		L.F.
GALVANIZED PIPE (POSTS)		EACH		EACH
CONCRETE (POSTS)		80# BAGS		80# BAGS

DIMENSIONS

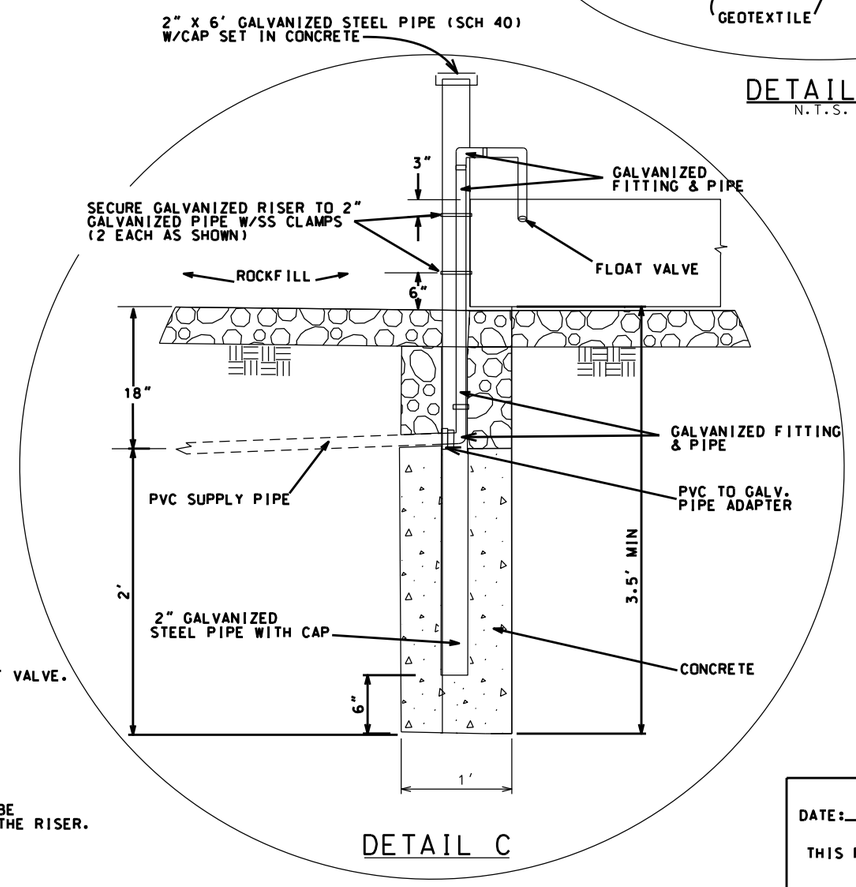
PLANNED			INSTALLED	
LENGTH (L)		FEET		FEET
WIDTH (W)		FEET		FEET

RECOMMENDED STONE GRADATION

LA-DOTD AGGREGATES FOR SURFACE COURSE (STONE) (LA-DOTD "STONE")		LA DOTD "RECYCLED PORTLAND CEMENT CONCRETE"	
U.S. SIEVE	PERCENT PASSING	U.S. SIEVE	PERCENT PASSING
1 1/2"	100	1 1/2"	100
1"	90 - 100	1"	90 - 100
3/4"	70 - 100	3/4"	70-100
No. 4	35 - 65	No. 4	35-65
No. 40	12 - 32	No. 40	12-32
No. 200	5 - 12	No. 200	5-12
MATERIALS PASSING #40		MATERIALS PASSING #40	
* LL (MAX) 25 PI (MAX) 4		* NON-PLASTIC	

* IN THE ABSENCE OF ATTERBERG LIMIT INFORMATION ON MATERIAL PASSING #40 SCREEN. THE AREA ENGINEER MAY APPROVE MATERIAL MEETING THE GRADATION REQUIREMENTS PROVIDED SUCH APPROVAL IS BASED ON AN ACTUAL SOURCE INSPECTION OF THE MATERIAL BY THE AREA ENGINEER. AND PROVIDED THAT THE AREA ENGINEER DOCUMENTS THE SOURCE SITE VISIT IN CASE FILE.

NOTES:
1. EARTH SUBGRADE SHALL BE DENSE EXCAVATED SURFACE OR COMPACTED EARTHFILL.
2. GEOTEXTILE MAY BE WOVEN OR NON-WOVEN AND SHALL MEET THE MINIMUM REQUIREMENTS FOR CLASS 4 GEOTEXTILE AS SHOWN IN TABLE 1 "REQUIREMENTS FOR WOVEN GEOTEXTILES" OR TABLE 2 "REQUIREMENTS FOR NON-WOVEN GEOTEXTILES" OF NRCS MATERIAL SPEC. 592.
3. GEOTEXTILE MAY BE EXCLUDED PROVIDED THE MINIMUM ROCK THICKNESS IS INCREASED TO 8 INCHES.
4. STONE SHALL BE CRUSHED LIMESTONE OR RECYCLED PORTLAND CEMENT CONCRETE CONFORMING TO THE GRADATION TABLE SHOWN. COMPACT STONE SURFACE TO A DENSE SMOOTH FINISH.
5. CONCRETE - 28 DAY. 4000 PSI. MINIMUM
6. A LOCATION MARKER IS RECOMMENDED FOR EACH CUT-OFF VALVE.
7. POST OPTIONAL FOR TROUGH OF 150 GALLONS & LARGER EXCEPT @ WATER SUPPLY RISER.
8. SLOPES AWAY FROM TROUGH MAY BE ADJUSTED BY AREA ENGINEER TO FIT THE TOPOGRAPHY AS NEEDED. AVOIE SLOPES THAT CAUSE EROSIVE VELOCITIES.
9. THE LOCATION OF THE UPPERMOST SS PIPE CLAMP MAY BE ADJUSTED TO MINIMIZE THE FREEDOM OF MOVEMENT OF THE RISER.



DETAIL C

CONSTRUCTION CHECK
DATE:_____ BY:_____
THIS PRACTICE MEETS SPECIFICATIONS
_____
SIGNATURE

FIGURE S-6-52

(NOT TO SCALE)

Date	
03/04	Approved by E.J. GIERING
03/04	Title STATE CONSERVATION ENGINEER
03/04	Title

Date	
03/04	Designed B.STICKER
03/04	Drawn G.BURNS
	Traced
03/04	Checked B.STICKER

STONE HEAVY USE AREA FOR WATER OR FEED TROUGH TYPICAL DRAWING

U.S. DEPARTMENT OF AGRICULTURE - NATURAL RESOURCES CONSERVATION SERVICE

REVISIONS			
DATE	REV.NO.	APPR.	TITLE
03/04	CR-1	B.S.	CIVIL ENGINEER

CAD FILENAME EFH_S_6_52.DGN

PROJECT NO. EFH_S_6_52

SHEET NO 1 OF 1