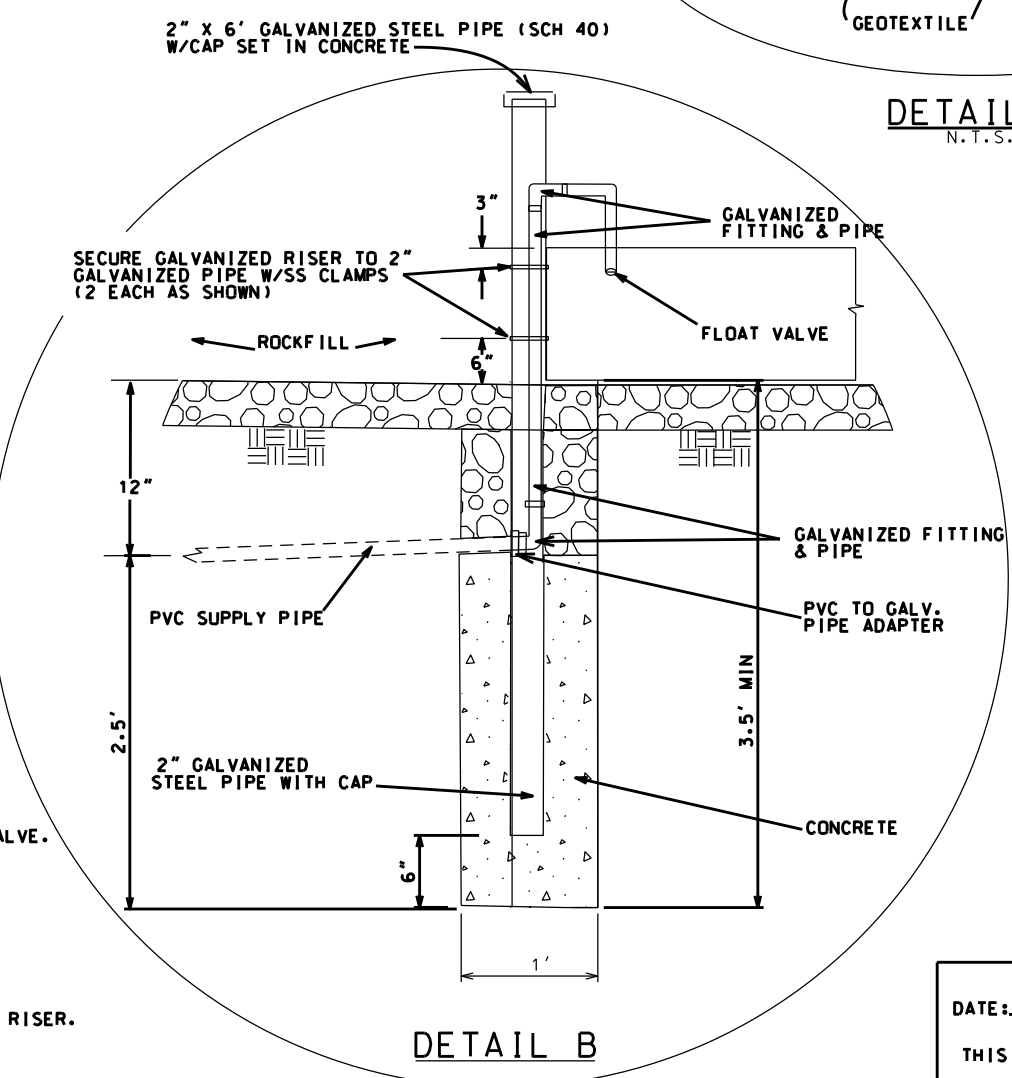
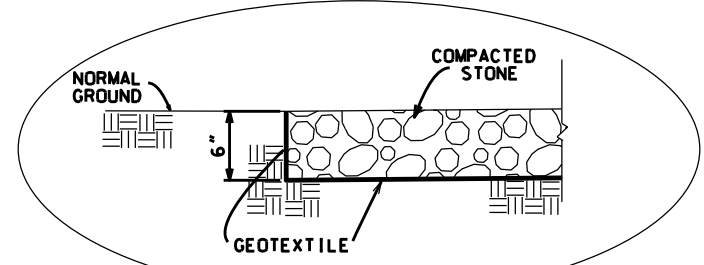


**NOTE: WATER PIPING NOT REQUIRED WHEN USING ROCK PAD FOR WINTER FEEDING AREA.**



**QUANTITIES**

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

**PLAN**  
N.T.S.

**DIMENSIONS**

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

- NOTES:
1. EARTH SUBGRADE SHALL BE DENSE EXCAVATED SURFACE OR COMPACTED EARTH FILL.
  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. AVOID SLOPES THAT CAUSE EROSION VELOCITIES.
  9. THE LOCATION OF THE UPPERMOST SS PIPE CLAMP MAY BE ADJUSTED TO MINIMIZE THE FREEDOM OF MOVEMENT OF THE RISER.

**STONE GRADATION**

LA-DOTD AGGREGATES FOR BASE 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 * LL (MAX) 25 PI (MAX) 4		MATERIALS PASSING #40 * 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.

FIGURE S-6-52  
FIGURE S-6-52

(NOT TO SCALE)

CONSTRUCTION CHECK  
DATE: \_\_\_\_\_ BY: \_\_\_\_\_  
THIS PRACTICE MEETS SPECIFICATIONS  
SIGNATURE \_\_\_\_\_

DESIGNED BY: B. STICKER  
DRAWN BY: G. BURNS  
TRACED BY: B. STICKER  
CHECKED BY: B. STICKER

DATE: 03/04  
DATE: 03/04  
DATE: 03/04  
DATE: 03/04

TITLE: STATE CONSERVATION ENGINEER  
TITLE: STATE CONSERVATION ENGINEER  
TITLE: STATE CONSERVATION ENGINEER  
TITLE: STATE CONSERVATION ENGINEER

REVISIONS  
DATE REV. NO. APPR. TITLE  
03/04 GR-1 B.S. CIVIL ENGINEER  
07/09 GR-3 M.H.K. CIVIL ENGINEER

PROJECT NO. EFH-S-6-52  
SHEET NO. 1 OF 1

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