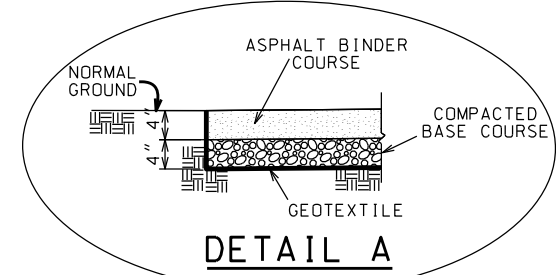
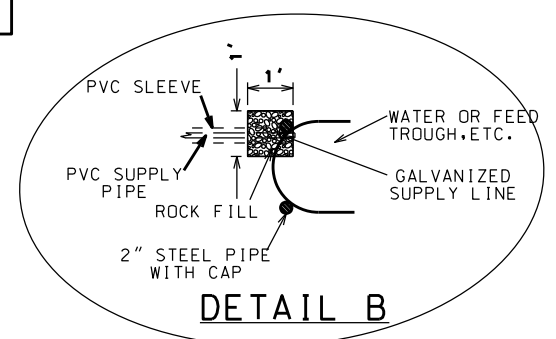
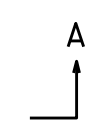


- NOTE:**
- EARTH SUBGRADE SHALL BE DENSE EXCAVATED SURFACE OR COMPACTED EARTH FILL.
 - GEOTEXTILE SHALL MEET THE MINIMUM REQUIREMENTS FOR CLASS 4 GEOTEXTILE AS SHOWN IN TABLE 1. "REQUIREMENTS FOR WOVEN GEOTEXTILES" OR TABLE 2 "REQUIREMENTS FOR NON-WOVEN GEOTEXTILES" OF NRCS MATERIAL SPEC. 592.
 - STONE SHALL BE CRUSHED LIMESTONE OR RECYCLED PORTLAND CEMENT CONCRETE CONFORMING TO THE GRADATION TABLE SHOWN AND COMPACTED PRIOR TO PLACEMENT OF ASPHALT.
 - ASPHALT SHALL BE COMPACTED BY MEANS OF HAND TAMPERS OR MECHANICAL TAMPERS. THE SURFACE SHALL BE DENSE, SMOOTH AND FREE OF MARKS.
 - A LOCATION MARKER IS RECOMMENDED FOR EACH CUT-OFF VALVE.
 - GEOTEXTILE MAY BE EXCLUDED PROVIDED THE MINIMUM STONE THICKNESS IS INCREASED TO 6 INCHES
 - POST OPTIONAL FOR TROUGH OF 150 GALLONS & LARGER EXCEPT @ WATER SUPPLY RISER.
 - SLOPES AWAY FROM TROUGH MAY BE ADJUSTED BY AREA ENGINEER TO FIT THE TOPOGRAPHY AS NEEDED. AVOID SLOPES THAT CAUSE EROSIIVE VELOCITIES.
 - CONCRETE - 28 DAY, 4000 PSI, MINIMUM
 - THE LOCATION OF THE UPPERMOST SS PIPE CLAMP MAY BE ADJUSTED TO MINIMIZE THE FREEDOM OF MOVEMENT OF THE RISER.

FIGURE S-6-51

PVC SLEEVE FOR ACCESS LOCATED JUST AFTER THE TEE LEADING TO TROUGH ON MULTI TROUGH APPLICATIONS (ONE FOR EACH TROUGH) OR JUST AFTER CHECK VALVE IF ONLY ONE TROUGH USED

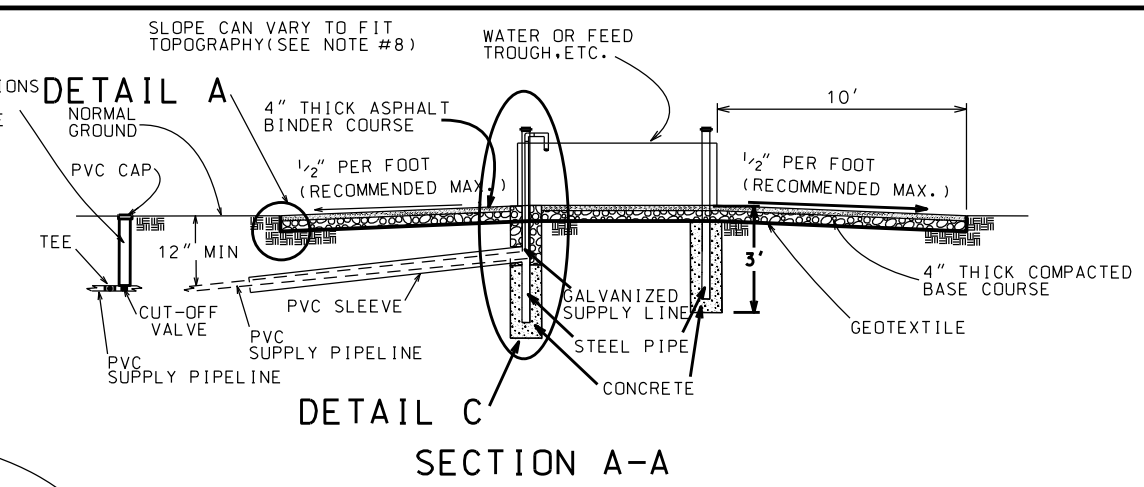


BASE COURSE GRADATION
(LA-DOTD "STONE") LA DOTD "RECYCLED PORTLAND CEMENT CONCRETE"

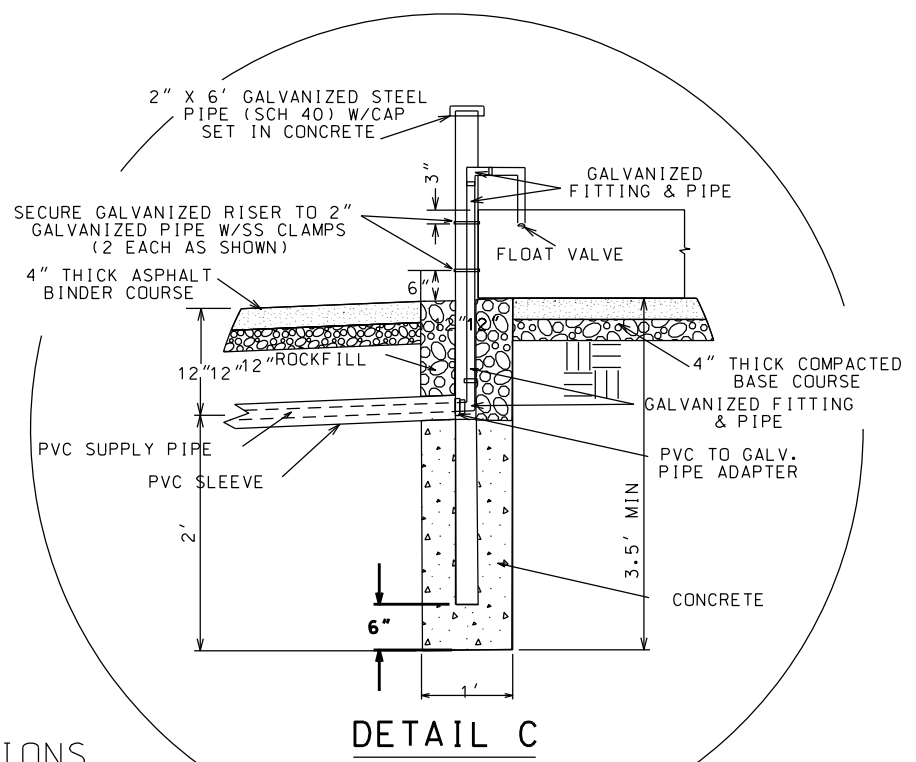
U.S. SIEVE	PERCENT PASSING	U.S. SIEVE	PERCENT PASSING
1 1/2"	100	1 1/2"	100
1"	90 - 100	1"	90 - 100
3/4"	70 - 100	3/4"	70-100
No. 4	35 - 65	No. 4	35-65
No. 40	12 - 32	No. 40	12-32
No. 200	5 - 12	No. 200	5-12
MATERIALS PASSING #40		MATERIALS PASSING #40	
* LL (MAX) 25		* NON-PLASTIC	
* PI (MAX) 4			

* 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.

(NOT TO SCALE)



SECTION A-A



DIMENSIONS

PLANNED		INSTALLED	
LENGTH (L)	FEET	FEET	FEET
WIDTH (W)	FEET	FEET	FEET
ASPHALT THICKNESS	4 INCHES	INCHES	INCHES
STONE THICKNESS	4 INCHES	INCHES	INCHES

QUANTITIES

PLANNED		INSTALLED	
ASPHALT	C.Y.	C.Y.	C.Y.
GEOTEXTILE	C.Y.	C.Y.	C.Y.
BASE COURSE	C.Y.	C.Y.	C.Y.
PVC SLEEVE PIPE	L.F.	L.F.	L.F.
GALVANIZED PIPE (WATERLINE)	L.F.	L.F.	L.F.
GALVANIZED PIPE (POSTS)	EACH	EACH	EACH
CONCRETE (POSTS)	C.Y.	C.Y.	C.Y.

RECOMMENDED PVC SLEEVE SIZE

SUPPLY PIPE SIZE	MIN. SLEEVE SIZE
UP TO 1"	3"
2" - 4"	6"

CONSTRUCTION CHECK

DATE: _____ BY: _____

THIS PRACTICE MEETS SPECIFICATIONS

SIGNATURE

Approved by E.J. GIERING 03/04
 Title STATE CONSERVATION ENGINEER
 Date 03/04
 Designed B. STICKER
 Drawn M. KENNEDY & G. BURNS
 Title Traced
 Checked B. STICKER
 Date 03/04

ASPHALT HEAVY USE AREA FOR WATER OR FEED TROUGH TYPICAL DRAWING

REVISIONS

DATE	REV.	NO.	APPR.	TITLE
03/04	DR-1	0.5.	G.I.V.L.B.	ENGINEER
10/09	DR-3	M.H.S.	G.I.V.L.B.	ENGINEER

CAD FILENAME EFH_S_6-51.DGN

PROJECT NO. EFH_S_6-51

SHEET NO. 1 OF 1

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