

PLAN

PVC SLEEVE SIZE

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

DIMENSIONS

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

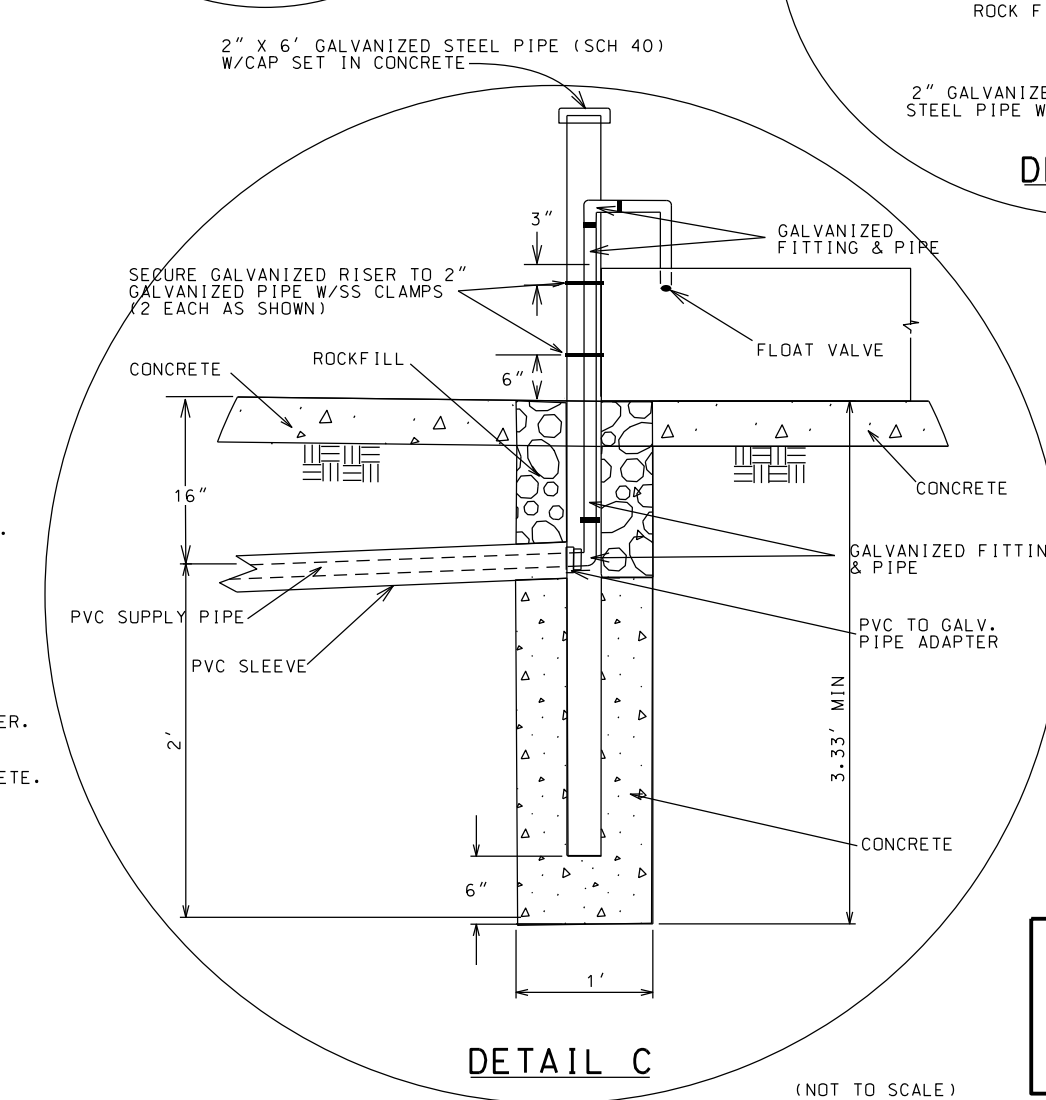
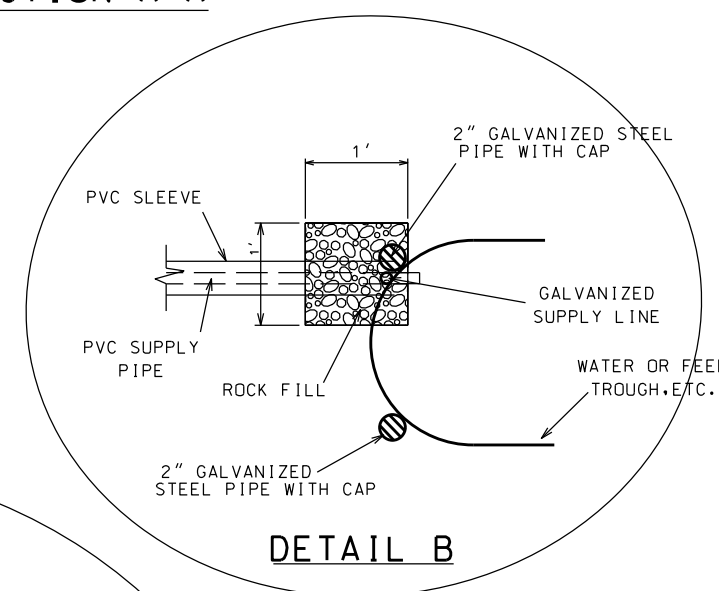
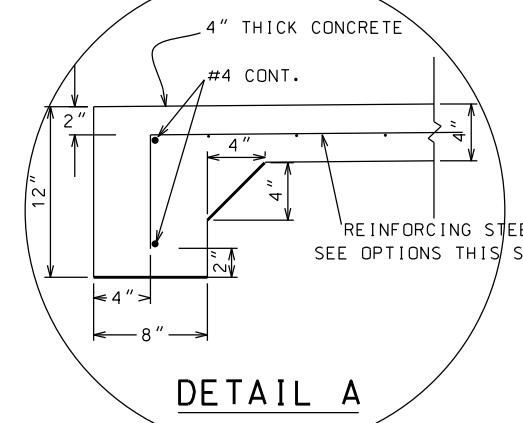
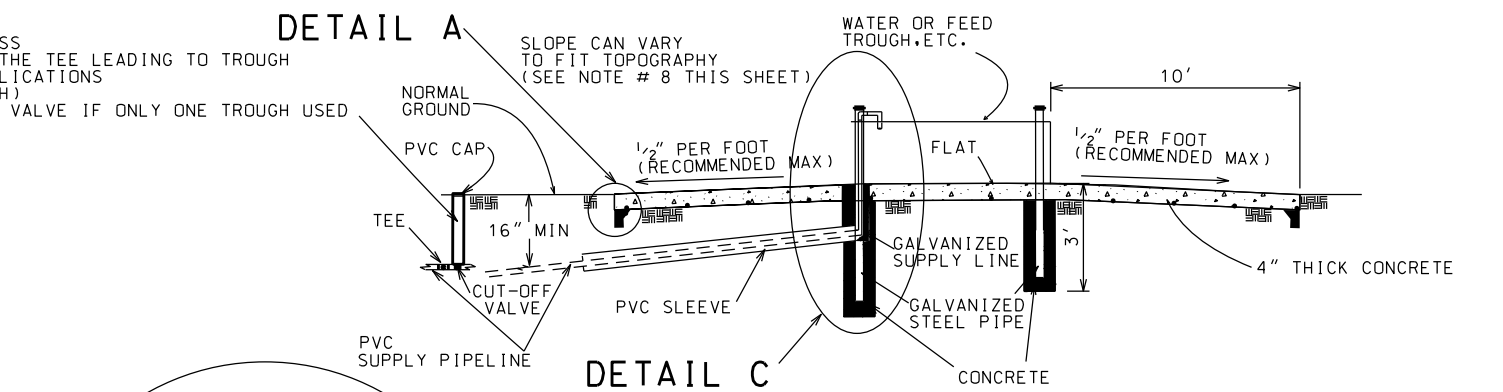
QUANTITIES

PLANNED		INSTALLED	
	C.Y.		C.Y.
CONCRETE			
REINF. STEEL	S.F. or L.F.	S.F. or L.F.	
ROCK FILL	C.Y.	C.Y.	
PVC SLEEVE PIPE	L.F.	L.F.	
GALVANIZED PIPE (Waterline)	L.F.	L.F.	
GALVANIZED PIPE (Posts)	EACH	EACH	
CONCRETE (for POSTS)	C.Y.	C.Y.	

- NOTES:
- EARTH SUBGRADE SHALL BE DENSE EXCAVATED SURFACE OR COMPACTED EARTHFILL.
 - ROCKFILL AT RISER SHALL BE CRUSHED LIMESTONE, RECYCLED PORTLAND CEMENT CONCRETE, OR WASHED GRAVEL - 1" MAX. SIZE.
 - ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4000 P.S.I. AND REINFORCING STEEL SHALL BE ASTM A-615, GR-60.
 - A LOCATION MARKER IS RECOMMENDED FOR EACH CUT-OFF VALVE.
 - POSTS 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 EROSION VELOCITIES.
 - THE LOCATION OF THE UPPERMOST SS PIPE CLAMP MAY BE ADJUSTED TO MINIMIZE THE FREEDOM OF MOVEMENT OF THE RISER.
 - USE 5" THICK SLAB IF EQUIPMENT WILL BE ALLOWED ON CONCRETE.

4-INCH SLAB REINFORCEMENT MAY BE ANY OF THE FOLLOWING:
 1. #3 BARS @ 18" C-C EACH WAY
 2. 1 LAYER OF 6X6 - W2.9 X W2.9 WELDED WIRE FABRIC

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



(NOT TO SCALE)

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

 SIGNATURE

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

CONCRETE 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 GR-1 E.S. CIVIL ENGINEER
 10/09 GR-3 M.H.K. CIVIL ENGINEER

CAD FILENAME EFH_S_6-49.DGN
 PROJECT NO. EFH_S_6-49
 SHEET NO. 1 OF 1

FIGURE S-6-49