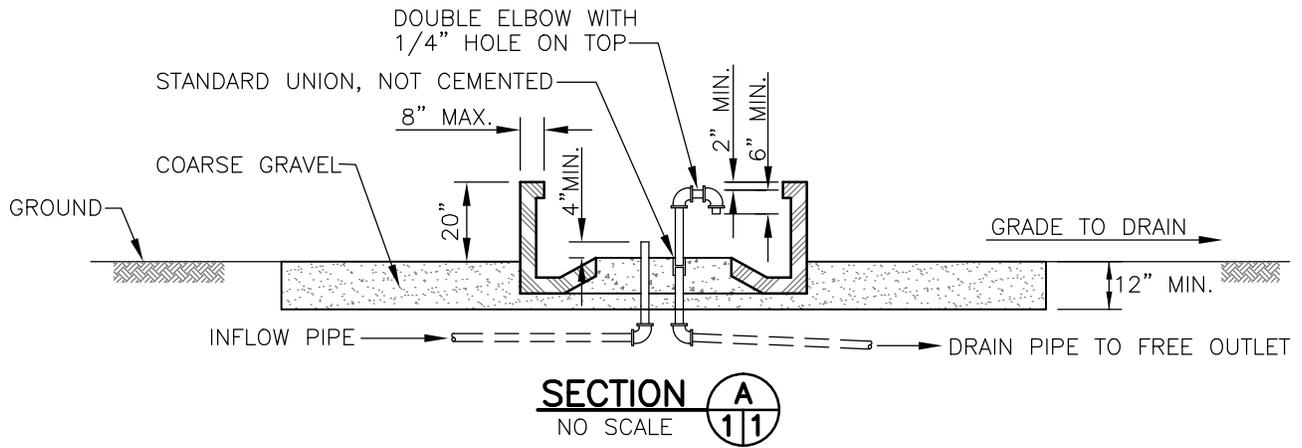
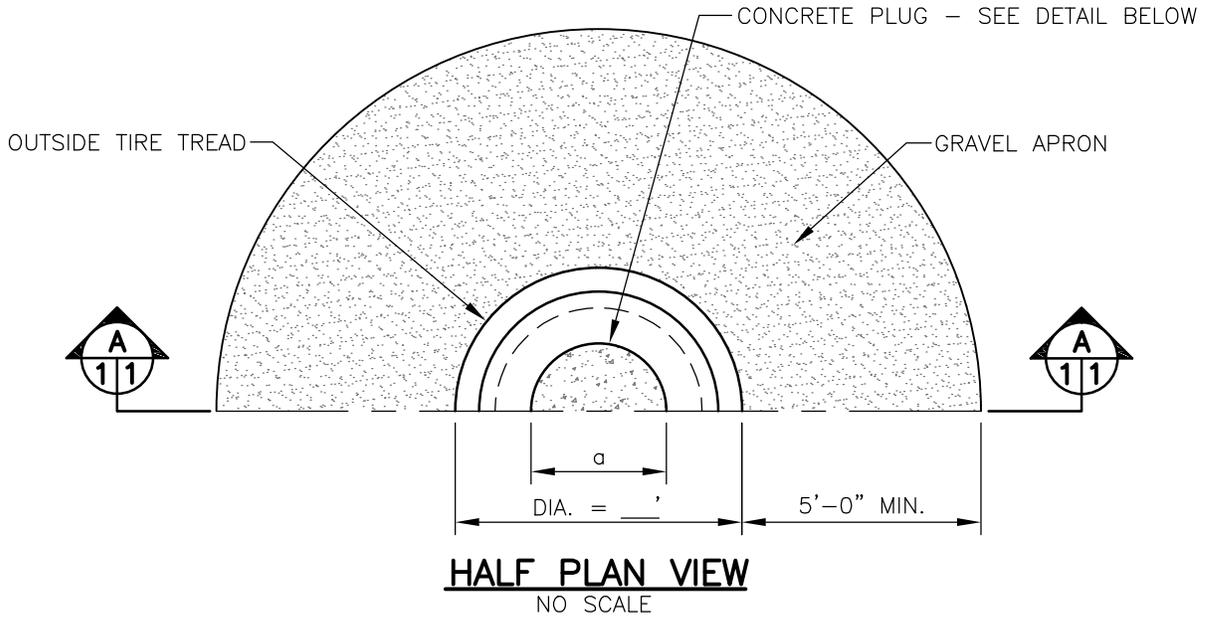


HEAVY EQUIPMENT TIRE TROUGH

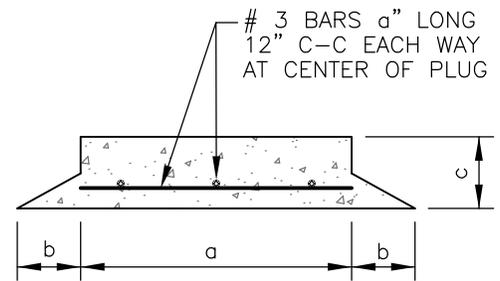
COOPERATOR: _____
 LOCATION: _____



NOTES

1. ALL PIPE IN AND UNDER THE TROUGH SHALL BE PVC OR GALV. STEEL.
2. ALT. METHODS OF INSTALLING INLET AND OUTLET PIPE ARE ACCEPTABLE.
3. 8" REINFORCED CONCRETE MAY BE USED IN PLACE OF GRAVEL FOR APRON.

TIRE DETAILS					
DIA. FT.	MIN. PLY	VOL. GAL.	a	b	c
5	23	190	24"	14"	8"
6	24	250	34"	9"	9"
8	38	450	38"	17"	10"
10	50	700	50"	25"	17"



NRCS

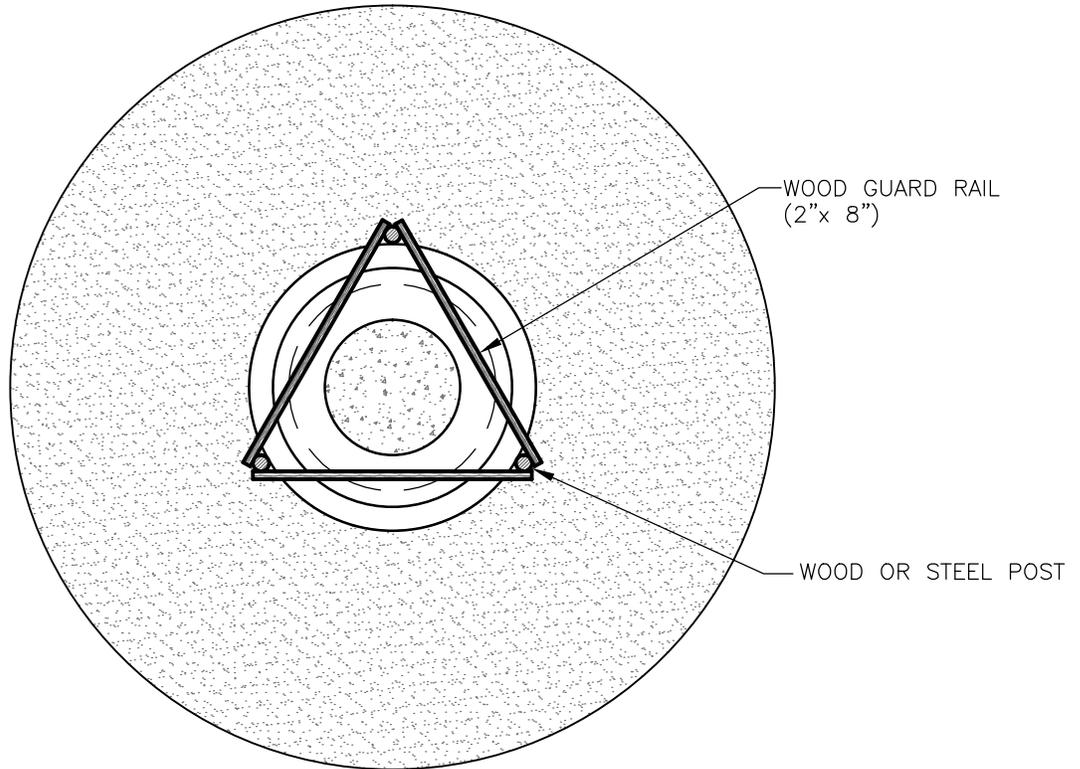
Natural Resources Conservation Service
 United States Department of Agriculture

HEAVY EQUIPMENT TIRE TROUGH

(REVISED LAST ON 10-09)

Designed <u>RLC, JEM</u>	Date <u>10-91</u>
Drawn <u>DDD</u>	Date <u>8-08</u>
Checked _____	
Approved <u>J.E. ANDREWS</u> S.C.E.	Date <u>10-09</u>

File Name
Drawing Name
<u>CO-SSP-3A</u>
Sheet 1 of 2



PLAN VIEW – OPTIONAL CATTLE GUARD
 NO SCALE

CATTLE GUARD POSTS TO BE 4" DIA. WOOD OR 1-1/2" DIA. GALV. STEEL PIPE.
 SET POST 3 FT. BELOW ORIGINAL GROUND LINE.
 GUARD RAIL IS TO BE 2"x 8" WOODEN PLANK BOLTED TO THE POST.

MATERIAL SPECIFICATIONS		
	TYPE	APPLICABLE SPECIFICATIONS
PVC PIPE AND FITTINGS	SCHED. 80	ASTM C-1785 ASTM D-2484 ASTM D-2467
STEEL PIPE	GALV.	ASTM A-120
CEMENT	II OR IIA	ASTM C-150
CONCRETE AGGREGATE	FINE	ASTM C-33 – SAND
	COARSE	ASTM C-33 – 3/4" MAX. SIZE

IT IS THE RESPONSIBILITY OF THE LANDOWNER/OPERATOR TO DETERMINE THE PRESENCE OF TOXIC CHEMICALS IN THE TIRE AND TAKE ALL NEEDED ACTION TO PROTECT THE HEALTH OF THE LIVESTOCK.

OPERATOR SHOULD BE CAUTIONED ABOUT INGESTION OF RUBBER BY HORSES.

I HAVE REVIEWED THE PLANS AND SPECIFICATIONS AND AGREE TO CONSTRUCT THE PROJECT TO THE BEST OF MY ABILITY IN ACCORDANCE WITH THEM.

COOPERATOR _____ DATE _____ CONTRACTOR _____ DATE _____



**HEAVY EQUIPMENT
 TIRE TROUGH**

(REVISED LAST ON 10-09)

Designed <u>RLC, JEM</u>	Date <u>10-91</u>	File Name
Drawn <u>DDD</u>	Date <u>8-08</u>	Drawing Name
Checked _____		<u>CO-SSP-3A</u>
Approved <u>J.E. ANDREWS</u> S.C.E.	Date <u>10-09</u>	Sheet 2 of 2