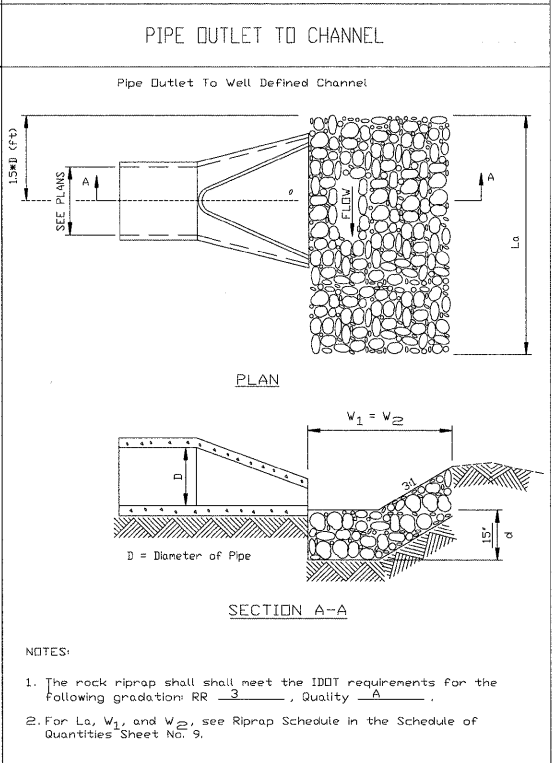
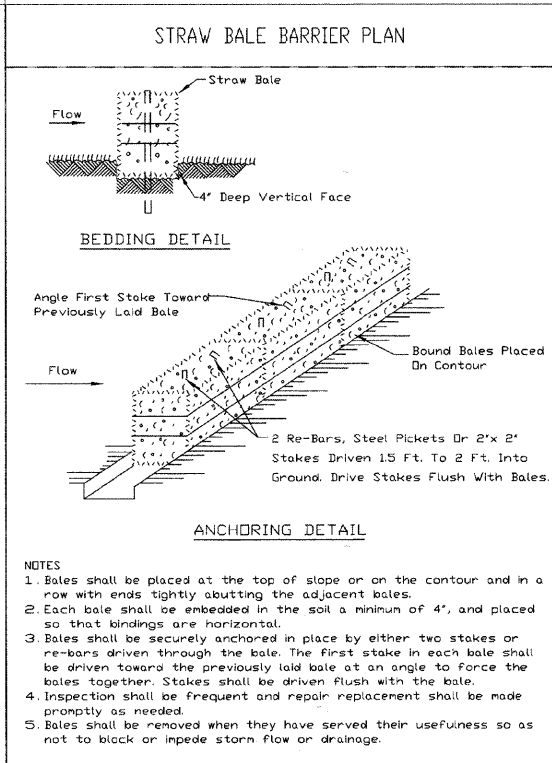


**GENERAL NOTES:**

1. BOTH THE TRENCH AND DRAIN TILE SHALL BE WRAPPED WITH NON-WOVEN GEOTEXTILE FILTER FABRIC.
2. WASHED AGGREGATE SHALL BE PLACED AROUND THE DRAIN TILE.
3. HOLE SHALL BE DRILLED INTO STRUCTURE.
4. HYDRAULIC CEMENT SHALL BE PLACED AROUND THE PIPE TO SEAL THE OPENING, BOTH INSIDE AND OUTSIDE THE STRUCTURE.

**PIPE UNDERDRAIN, FABRIC LINED TRENCH, 4"**



FILE NAME =	USER NAME = eds	DESIGNED - EAD	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>	F.A.U. RTE. 4075	SECTION 08-00032-00-RS	COUNTY MCHENRY	TOTAL SHEETS 49	SHEET NO. 33		
	PLOT SCALE = 1:8000 1/4 IN.	CHECKED - DNM	REVISED -			SCALE: N.T.S. SHEET NO. 1 OF 6 SHEETS STA. TO STA.			CONTRACT NO. 63193			
	PLOT DATE = 5/1/2009	DATE - 5/1/09	REVISED -			FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT						