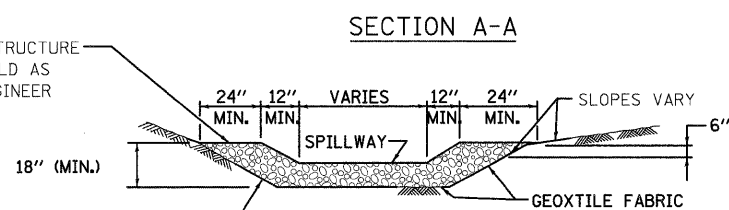


TOP ELEVATION OF STRUCTURE SHALL BE SET IN FIELD AS DIRECTED BY THE ENGINEER



CUT SIDE SLOPES IN SEDIMENT TRAP AS STEEP AS SOIL CONDITIONS WILL ALLOW

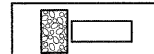
SECTION B-B

NOTES:

1. USE IN EXISTING, PROPOSED AND TEMPORARY DITCHES OF ALL TYPES AS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.
2. THE STONE OUTLET STRUCTURES SHALL BE REPLACED DUE TO WASHOUT, CONSTRUCTION TRAFFIC DAMAGE OR SILT ACCUMULATION. THE SILT SHALL BE CLEANED WHEN THE TRAP IS 50% FULL.
3. THIS WORK WILL BE PAID FOR UNDER THE FOLLOWING ITEMS: EARTH EXCAVATION FOR EROSION CONTROL, STONE RIPRAP, CLASS A4 AND FILTER FABRIC.
4. ALL SEDIMENT TRAPS SHALL BE DESIGNED TO PROVIDE 3600 CUBIC FEET OF STORAGE PER 1.0 ACRE OF DRAINAGE AREA.

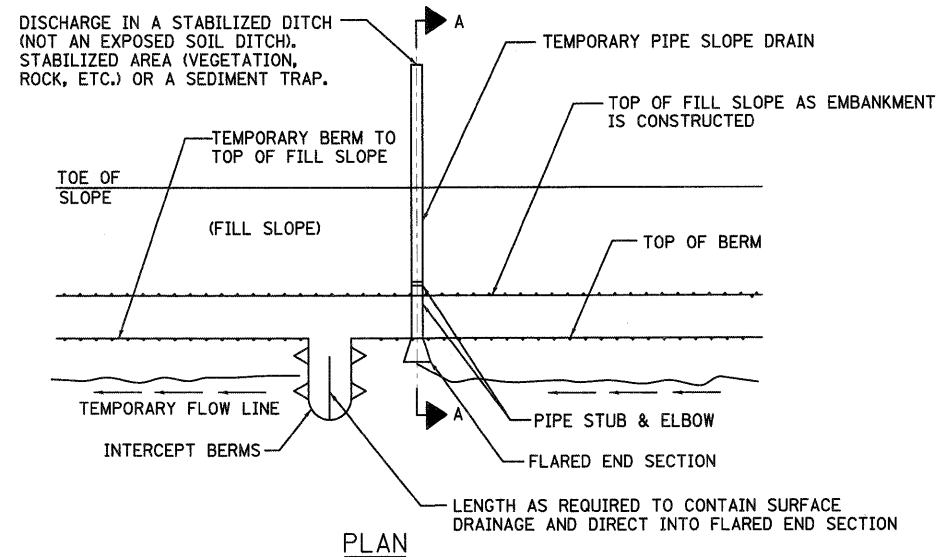
STONE OUTLET STRUCTURE SEDIMENT TRAP

STANDARD SYMBOL

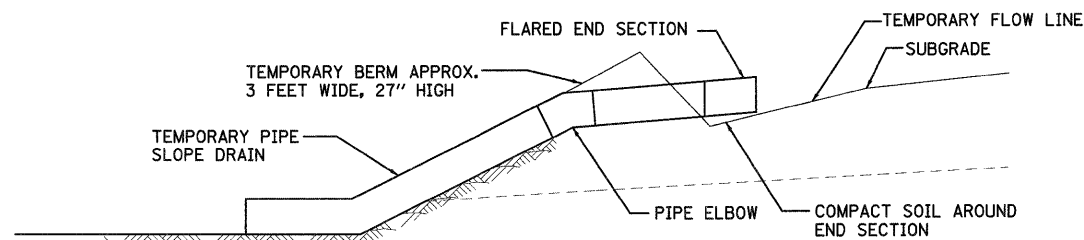


DRAINAGE AREA	L	W	CAPACITY CFT
0.5 AC	75'	10'	1,875
1.0 AC	145'	10'	3,625
1.5 AC	145'	15'	5,438
2.0 AC	195'	15'	7,313

NOTE:
ALL DIMENSIONS ARE BASED UPON AN AVERAGE DEPTH OF 30" AND PROVIDING, AS A MINIMUM 3,600 CUBIC FEET OF STORAGE PER ACRE OF RUNOFF. L AND W ARE MEASURED ALONG THE BOTTOM OF THE TRAP. WHENEVER POSSIBLE, THE MAXIMUM AVERAGE DEPTH OF THE TRAP WILL BE 30". THE MAXIMUM DRAINAGE AREA ALLOWED PER TRAP IS 5 ACRES. THE DRAINAGE AREA IS THE TOTAL (INCLUDING OFF-SITE) AREA.



PLAN



SECTION A-A

FOR ALL SLOPES

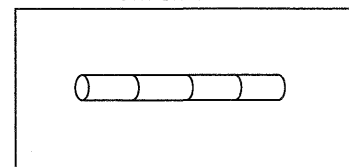
TEMPORARY PIPE SLOPE DRAIN SHALL BE USED AT THE TOP OF FILL SLOPE AS EMBANKMENT IS CONSTRUCTED TO PREVENT EXCESSIVE EROSION UNTIL SHOULDERS ARE CONSTRUCTED AND THE SLOPES ARE SEEDING AND MULCHED.

**EROSION CONTROL
TEMPORARY PIPE SLOPE DRAIN**

GENERAL NOTES:

1. ALL DIMENSIONS AND LOCATIONS NOT INDICATED, FOR ITEMS APPEARING ON THIS SHEET OR ON THE PLANS SHALL BE DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL PLACE GEOTEXTILE AROUND THE METAL END SECTION TO PREVENT BLOW-OUTS.
3. ALL TEMPORARY SLOPE DRAINS WILL DISCHARGE INTO THE BACK OF SEDIMENT TRAPS, INTO SEDIMENT BASINS OR DITCHES DISCHARGING INTO TRAPS OR BASINS.
4. PIPE WILL BE SECURED THROUGH USE OF HOLD DOWN STAKES WITH A MAXIMUM SPACING OF 10 FEET.
5. TEMPORARY PIPE SLOPE DRAINS WILL BE SPACED A MAX. OF EVERY 500 FEET ALONG THE FILL WITH A STANDARD DIA. OF 18". THIS PIPE SIZE IS ADEQUATE TO HANDLE 1.5 ACRES OF CONTRIBUTING AREA. SPACING OR SIZE TO BE ADJUSTED IF CONTRIBUTING AREA IS LARGER THAN 1.5 ACRES. AT LEAST TWO TEMPORARY PIPE SLOPE DRAINS WILL BE PLACED IN EVERY SAG.
6. STAPLES SHALL BE USED TO ANCHOR THE FILTER FABRIC AND SHALL BE UNIFORMLY SPACED AT APPROXIMATELY 12".

STANDARD SYMBOL



FILE NAME = J:\Dgn\Sheets\ec11.dgn	USER NAME = EricG	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING AND EROSION AND SEDIMENT CONTROL DETAILS	F.A.I. RTE. 57	SECTION (46-2) I, HBR, VBR	COUNTY KANKAKEE	TOTAL SHEETS 558	SHEET NO. 132	
PLDT SCALE = 1:50	PLDT DATE = 12/22/2010	DRAWN - JWM	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	CONTRACT NO. 66409			
CHECKED - EJG	DATE - 12/17/10	REVISED -	REVISED -			FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT					