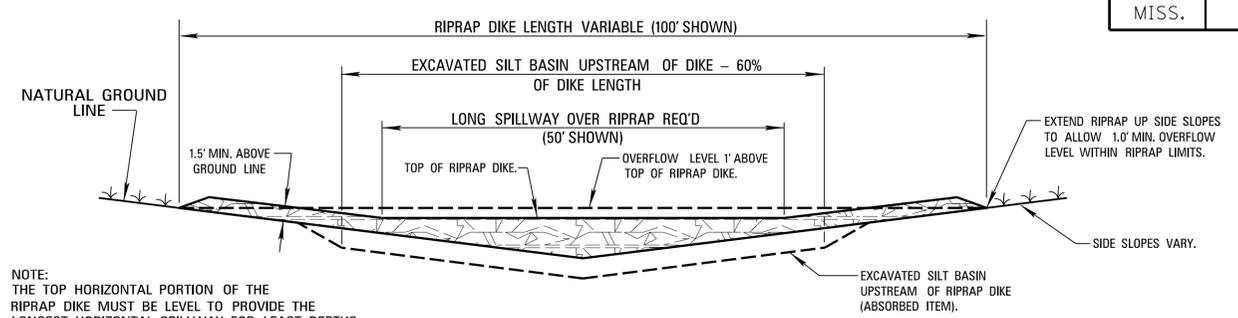
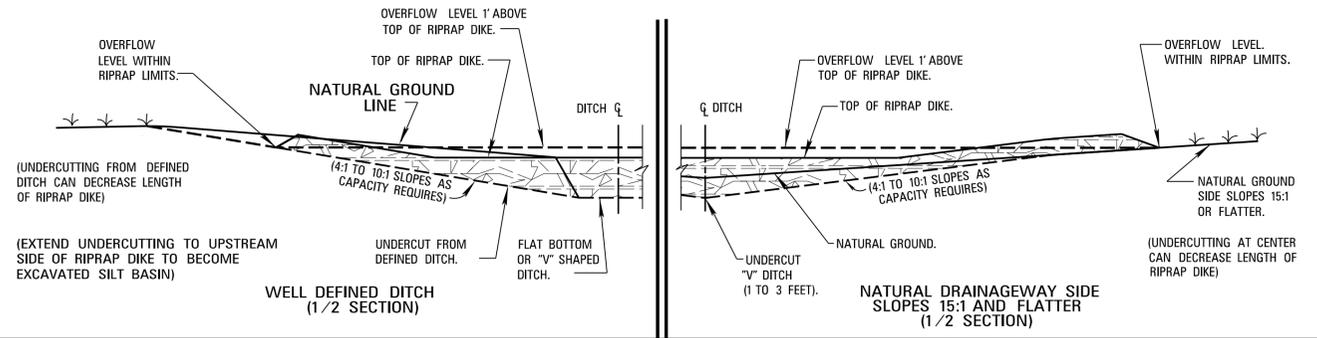


PERSPECTIVE

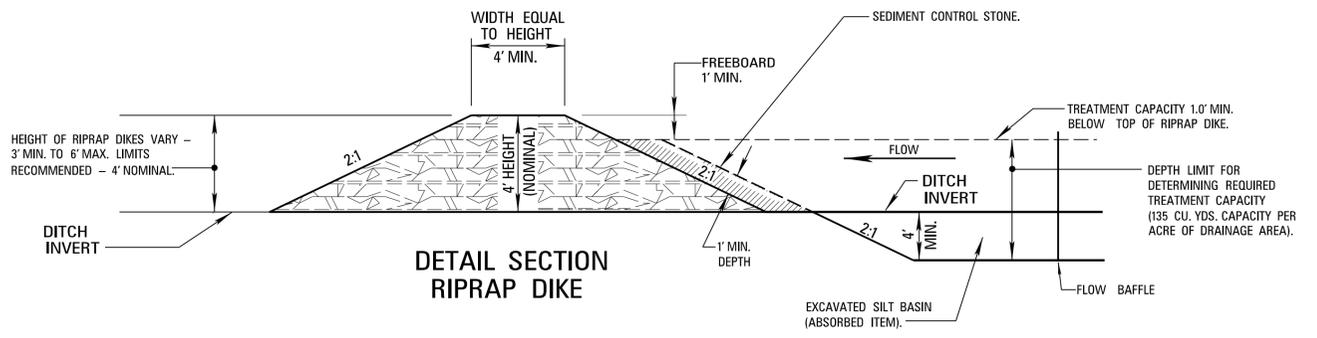


SECTION OF RIPRAP DIKE

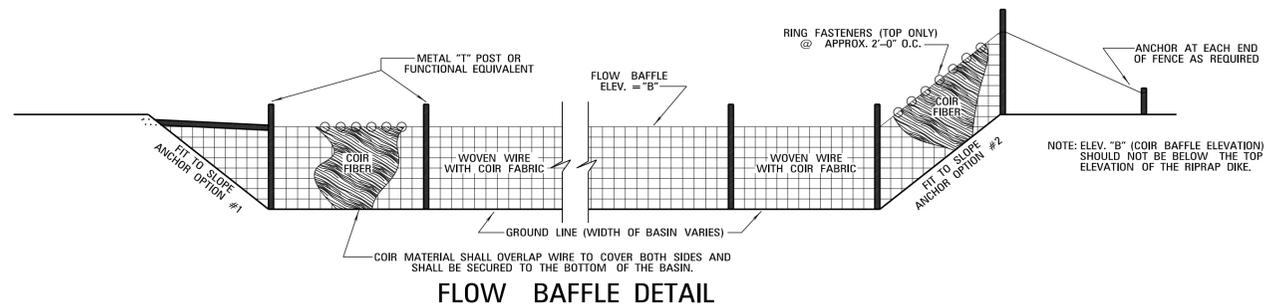


WELL DEFINED DITCH (1/2 SECTION)

NATURAL DRAINAGEWAY SIDE SLOPES 15:1 AND FLATTER (1/2 SECTION)



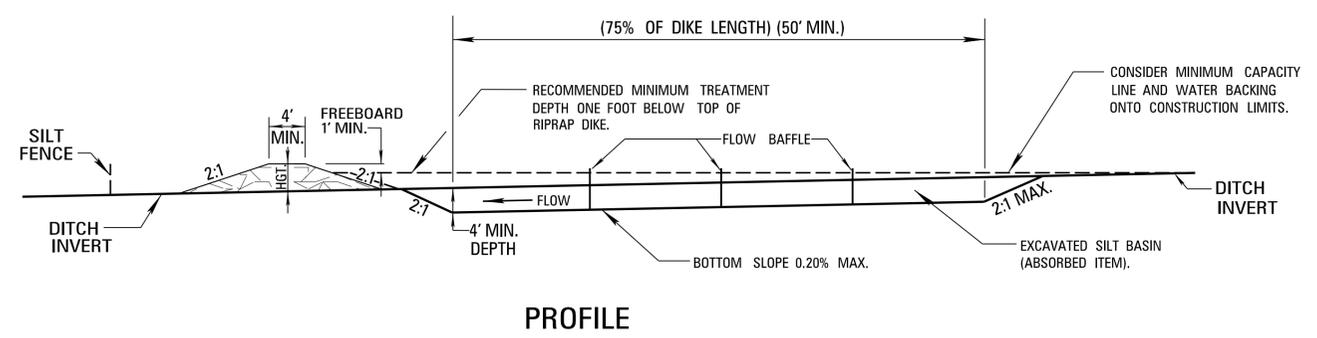
DETAIL SECTION RIPRAP DIKE



FLOW BAFFLE DETAIL

NOTES

1. THE REQUIRED SIZE /CAPACITY OF THE RIPRAP DIKE SILT BASIN IS TO PROVIDE AT LEAST 135 CUBIC YARDS OF VOLUME /CAPACITY PER ACRE OF DRAINAGE AREA RECEIVED. THE RIPRAP DIKE SILT BASIN MUST BE MAINTAINED AT ALL TIMES TO ASSURE THE INTENDED FUNCTION, REMOVING THE ACCUMULATED SILT ROUTINELY AND /OR WHEN APPROACHING A 50% MAXIMUM DECREASE FROM THE EFFECTIVE DESIGN CAPACITY, AND RESTORING THE BASIN TO ITS ORIGINAL EFFECTIVE DESIGN CAPACITY.
2. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH ALL MATERIALS, PERFORM ALL WORK FOR THE PROPER INSTALLATION, MAINTENANCE, AND REMOVAL OF TEMPORARY EROSION CONTROL MEASURES NECESSARY TO CONTROL SILTATION.
3. AFTER THE PURPOSE FOR THE SILT BASIN HAS BEEN SERVED, THE POSTS AND SILT FENCE SHALL BE REMOVED, THE RIPRAP AND SEDIMENT STONES SHALL BE REMOVED AND PLACED AT A PIPE OUTLET. THE DISTURBED AREA SHALL BE SITE GRADED AND REVEGETATED AS DEEMED NECESSARY BY THE ENGINEER. ALL COSTS OF REMOVAL AND REPLACEMENT TO BE ABSORBED IN PAY ITEM FOR SILT BASIN.
4. RIPRAP FOR THE TYPE D SILT BASIN SHALL BE 300 LB RIPRAP AND SHALL BE PAID FOR - PER TON.
5. SEDIMENT CONTROL STONE SHALL BE SIZE NO. 57 STONE AND SHALL BE PAID FOR - PER TON.
6. THE TEMPORARY EROSION CONTROL MEASURES SHOWN ON THIS SHEET WILL ONLY BE MEASURED FOR SEPARATE PAYMENT WHEN APPROPRIATE PAY ITEMS ARE INCLUDED IN THE BID SCHEDULE OF THE PROPOSAL.
7. THE ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES 1/3 TO 1/2 THE HEIGHT OF THE CONTROL FEATURE. SILT SHALL BE DISPOSED OF PROPERLY AND SHALL NOT BE DISPOSED OF IN THE VICINITY OF THE EROSION CONTROL DEVICES.
8. THE FLOW BAFFLES SHALL BE CONSTRUCTED OF 100% COCONUT (COIR) FIBER MATERIAL SUPPORTED BETWEEN POSTS WITH A WIRE MESH BACKING AS SHOWN ABOVE. ROWS SHALL BE EVENLY SPACED THROUGH THE BASIN.
9. THE FLOW BAFFLES SHALL BE PAID FOR UNDER PAY ITEM 907-253-A001.



PROFILE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION		PRELIMINARY
TYPICAL TEMPORARY EROSION CONTROL MEASURES (TYPE "D" SILT BASIN) (RIPRAP DIKE SILT BASIN) 135 CU. YDS. CAPACITY PER ACRE OF DRAINAGE		
COUNTY:		WORKING NUMBER
PROJ. NUM.:		TEC-D
FILENAME: TEC-D135.DGN		SHEET NUMBER
DESIGN TEAM _____ CHECKED _____ DATE 9/29/15		\$PG\$

10/5/2015 11:48 AM TEC-0135.DGN PLAN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION