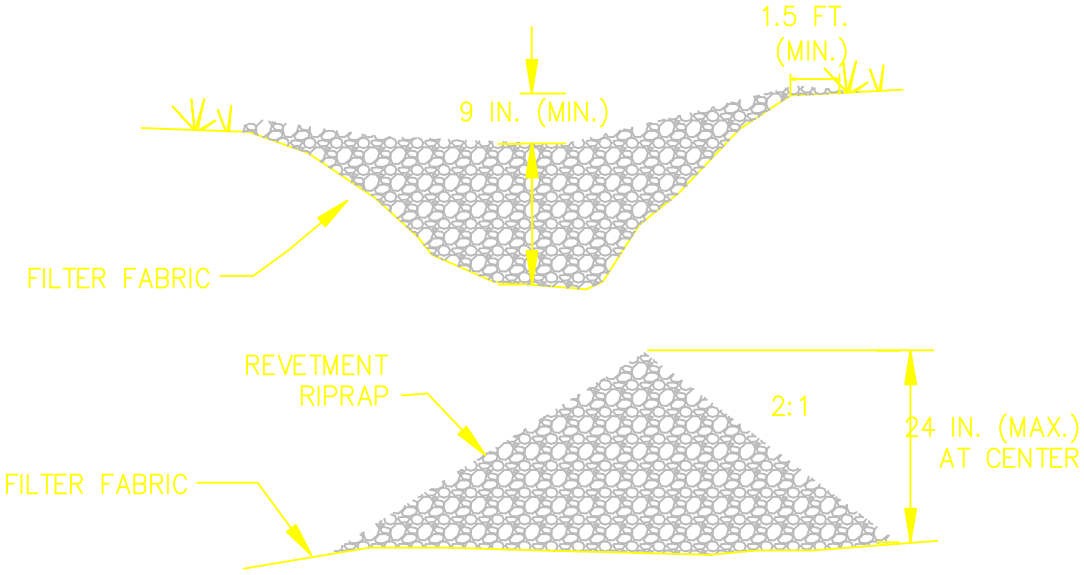
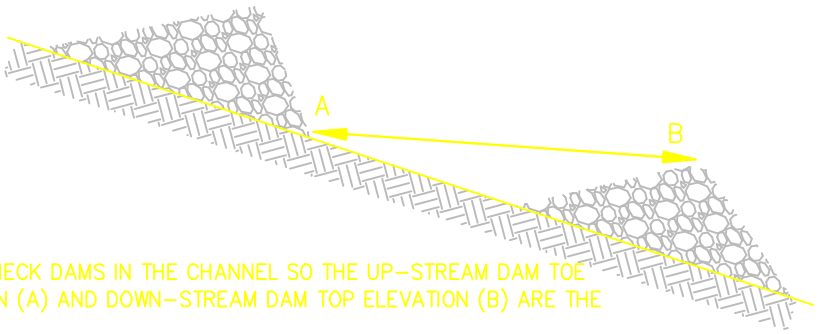


FORWARD AND CROSS-SECTION VIEWS OF A ROCK DAM CHECK.



SPACE CHECK DAMS IN THE CHANNEL SO THE UP-STREAM DAM TOE ELEVATION (A) AND DOWN-STREAM DAM TOP ELEVATION (B) ARE THE SAME.

REQUIREMENTS

CONTRIBUTING DRAINAGE AREA: 2 ACRES MAXIMUM
DAM CENTER: 2' MAXIMUM HEIGHT BUT ATLEAST 9" LOWER THAN THE OUTER EDGES AT NATURAL GROUND ELEVATION.
DAM SIDE SLOPE: 2:1 OR FLATTER.
DISTANCE BETWEEN DAMS: SPACED SO THE TOE OF THE UPSTREM DAM IS THE SAME AS THE TOP OF THE DOWNSTREM DAM.
OVERFLOW AREAS ALONG CHANNEL: STABLILIZED TO RESIST EROSION.
ROCK SIZE: INDOT REVETMENT RIPRAP.

HUNTINGTON STORMWATER UTILITY DEVELOPMENT MANUAL

EROSION AND SEDIMENT CONTROL DETAILS		
ROCK DAM CHECK		
SCALE: NONE	DATE: JAN. 2005	DWG. NO. EC-2