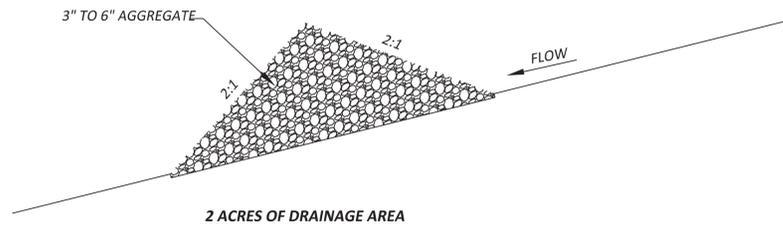
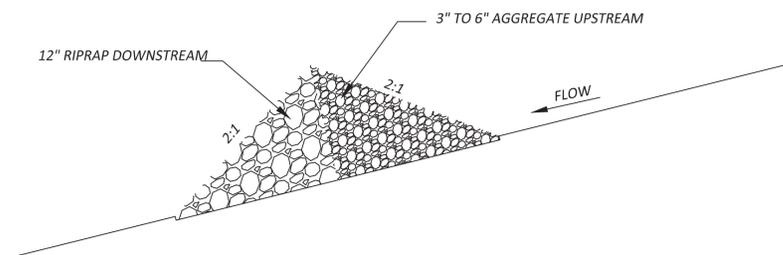


PLACE DOWNSTREAM STRUCTURE SUCH THAT POINT "B" IS APPROXIMATELY LEVEL WITH THE TOE ELEVATION OF THE UPSTREAM STRUCTURE.

SPACING BETWEEN CHECK DAMS



2 ACRES OF DRAINAGE AREA

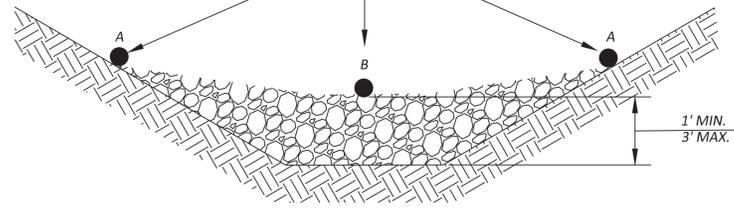


2-10 ACRES OF DRAINAGE AREA

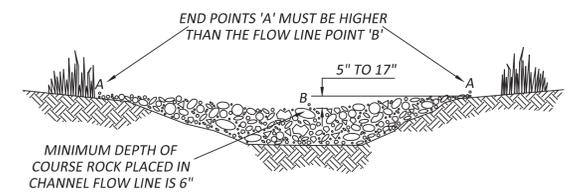
ROCK DITCH CHECK
(NOT TO SCALE)

NOTE:
ROCK CHECK DAMS SHALL BE USED ONLY FOR DRAINAGE AREAS LESS THAN 10 ACRES UNLESS APPROVED BY THE CITY.

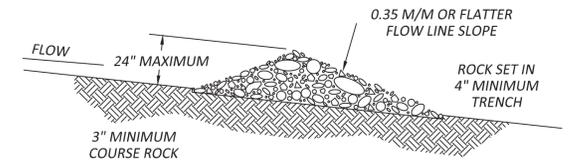
ELEVATION AT END POINTS "A" MUST BE MINIMUM 6" HIGHER THAN ELEVATION OF FLOW LINE AT POINT "B".



FRONT VIEW

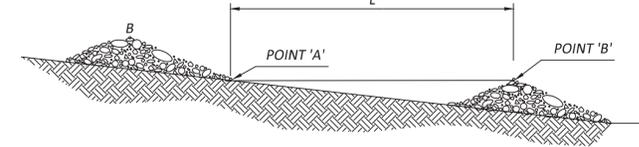


VIEW LOOKING UPSTREAM



SIDE VIEW

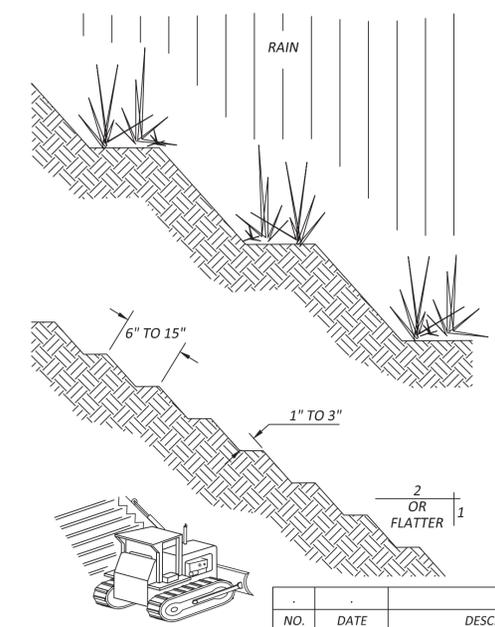
'L' = THE DISTANCE SUCH THAT POINTS 'A' AND 'B' ARE OF EQUAL ELEVATION



SPACING BETWEEN CHECK DAMS

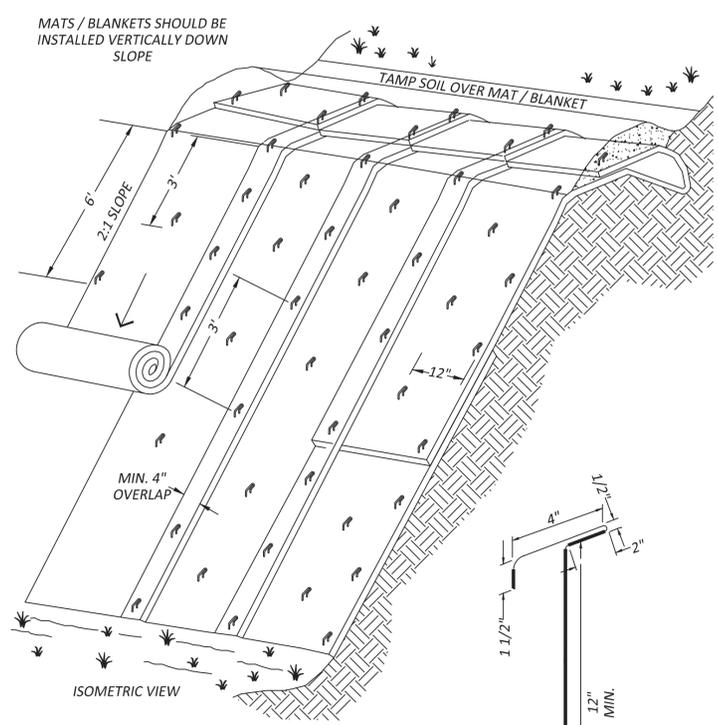
D-50 OF ROCK (MM)	DOWNSTREAM FLOWLINE SLOPE OF STRUCTURE (M / M)					
	0.35	0.30	0.25	0.20	0.15	0.10
75	15	18	20	25	33	48
150	30	36	41	50	66	100

ROCK DITCH CHECKS
(NOT TO SCALE)



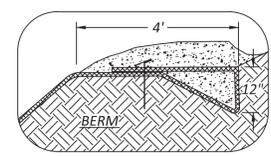
NOTE:
GROVE BY CUTTING SERRATIONS ALONG THE CONTOUR. IRREGULARITIES IN THE SOIL SURFACE CATCH RAINWATER, SEED, MULCH AND FERTILIZER.

TEMPORARY SLOPE TRACKING
(NOT TO SCALE)



TYPICAL SLOPE SOIL STABILIZATION

- NOTES:**
- SLOPE SURFACE SHALL BE FREE OF ROCKS CLODS, STICKS AND GRASS. MATS / BLANKETS SHALL HAVE GOOD SOIL CONTACT.
 - APPLY PERMANENT SEEDING BEFORE PLACING BLANKETS.
 - LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH.
 - INSTALL BLANKET ACCORDING TO MANUFACTURES SPECIFICATIONS.



EROSION CONTROL BLANKETS
(NOT TO SCALE)



NO.	DATE	DESCRIPTION	BY
<p>City of Manhattan Kansas PUBLIC WORKS 1101 POYNTZ AVE., MANHATTAN, KS 66502 (785) 587-2415</p>			
<p>MANHATTAN STANDARD DETAILS MSD 2840 EC SEDIMENT BASIN & MISC DETAILS</p>			
CITY ENGINEER: BRIAN JOHNSON, P.E.		DESIGN BY:	
CITY PROJ. #:		DATE:	
DRAWN BY:		PAGE OF	