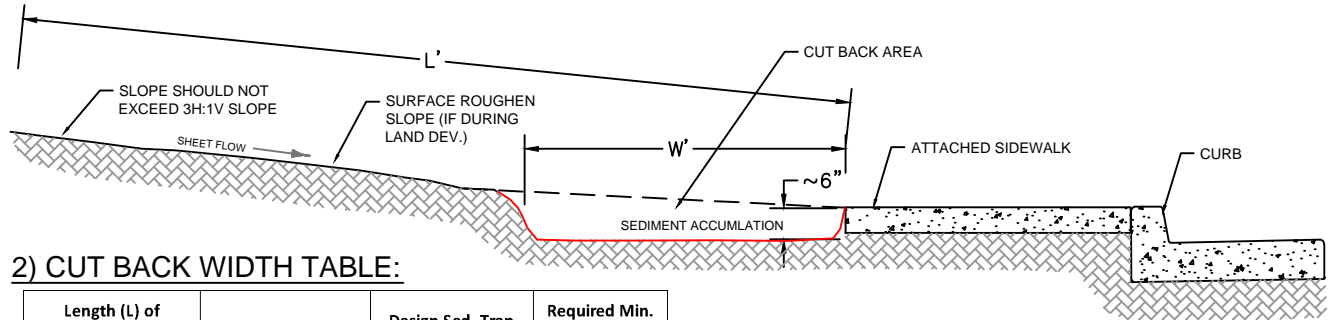


CUT BACK CURB (TYP.)

1) CROSS SECTION:

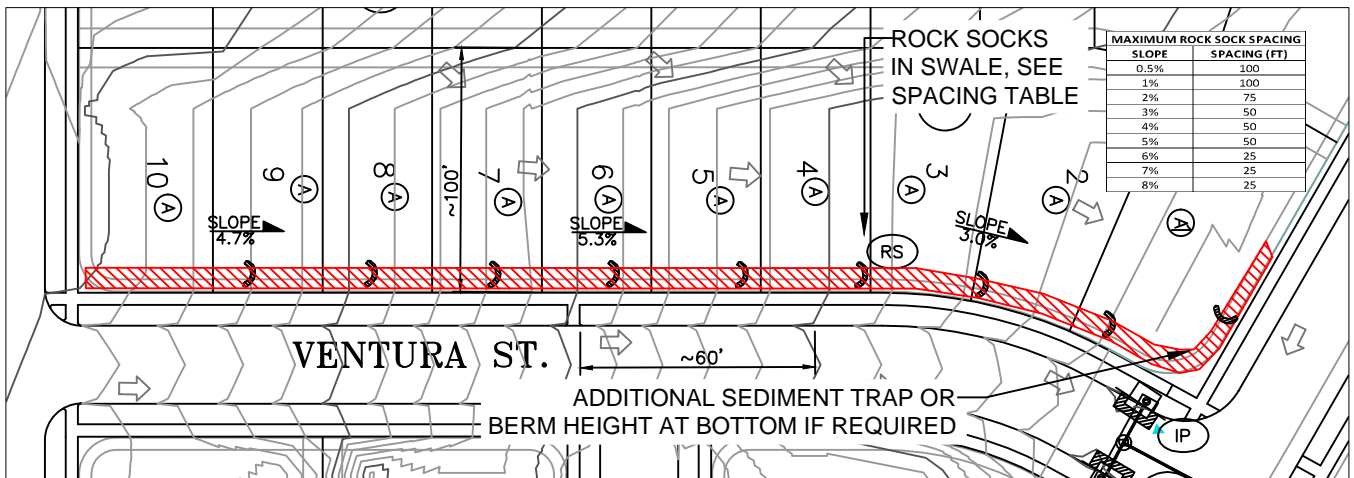


2) CUT BACK WIDTH TABLE:

Length (L) of Disturbed Area Perpendicular to Curb (ft)	Depth of Curb Cut (in.) (ft.)		Design Sed. Trap Capacity ¹ (ft ³ /acre) (ft ³ /ft ²)		Required Min. Width (W) of Curb Cut Back (ft)
	(in.)	(ft.)	(ft ³ /acre)	(ft ³ /ft ²)	
20	6	0.50	1,800	0.0413	1.7
30	6	0.50	1,800	0.0413	2.5
40	6	0.50	1,800	0.0413	3.3
50	6	0.50	1,800	0.0413	4.1
60	6	0.50	1,800	0.0413	5.0
70	6	0.50	1,800	0.0413	5.8
80	6	0.50	1,800	0.0413	6.6
90	6	0.50	1,800	0.0413	7.4
100	6	0.50	1,800	0.0413	8.3

¹ Taken from Douglas County Sediment Trap storage volume requirement.

3) PLAN VIEW:



DESCRIPTION AND PURPOSE

- A TEMPORARY SEDIMENT BARRIER AND TRAP FORMED BY EXCAVATION BEHIND CURB OR SIDEWALK TO RETAIN SEDIMENT ON SITE DURING LAND DEVELOPMENT.

SUITABLE APPLICATIONS

- DURING LAND DEVELOPMENT AFTER PAVING.
- USE IN TREE LAWNS OR IN LANDSCAPE ISLANDS.
- USE SURFACE ROUGHENING ON UPGRADIENT SLOPES IF DURING LAND DEVELOPMENT.

LIMITATIONS

- NOT FOR USE EXCEEDING 3H:1V SLOPES.
- NOT FOR USE FOR CONCENTRATED FLOW AREAS.
- PROLONGED STANDING WATER MAY AFFECT SUB-BASE OF PAVING AND COULD CAUSE SOIL TO SETTLE AND POTENTIALLY DAMAGE CONCRETE.

INSPECTION AND MAINTENANCE

- INSPECT IN ACCORDANCE WITH SITE SWMP.
- REMOVE ACCUMULATED SEDIMENT WHEN 1/2 CAPACITY, DO NOT ALLOW SEDIMENT TO OVERFLOW ONTO CURB OR SIDEWALK.
- IMPLEMENT ADDITIONAL BMPs CONTROLS SUCH AS DOWNGRADIENT SEDIMENT CONTROL WATTLES, CURB CHECKS, OR OTHER BARRIERS AS ON-SITE CONDITIONS REQUIRE.

CMS ENVIRONMENTAL SOLUTIONS, LLC
 1778 S. Broadway, Denver, CO 80210
 P: (720) 343-6561, F: (303) 923-3416
 WWW.CMSENVIRO.COM

