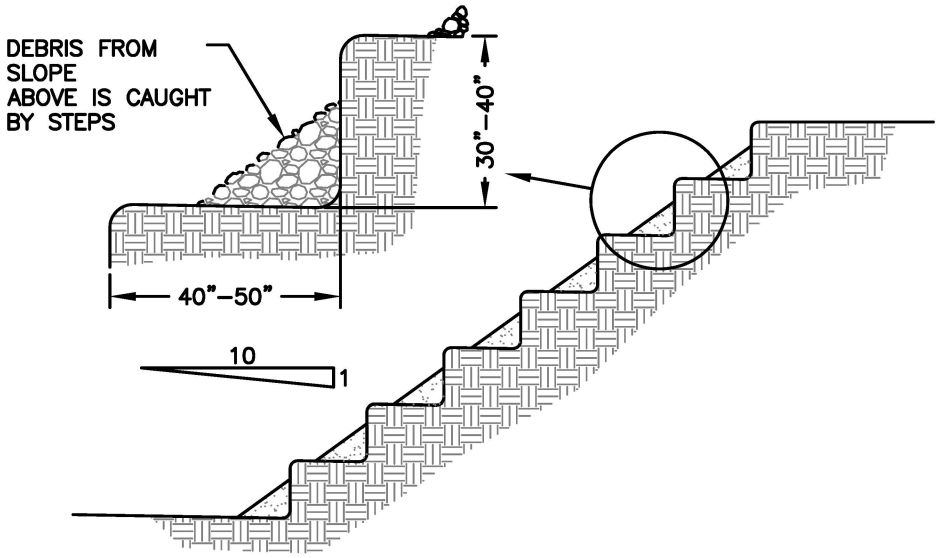
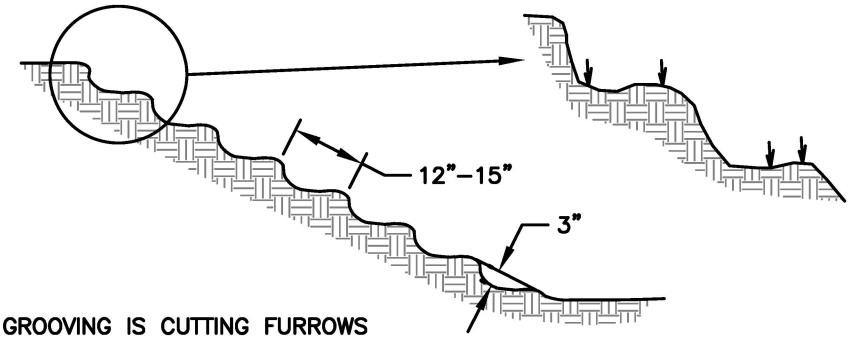


STAIR STEPPING CUT SLOPES



GROOVING IS CUTTING FURROWS ALONG THE CONTOUR OF A SLOPE. IRREGULARITIES IN THE SOIL SURFACE REDUCE RUNOFF VELOCITY, PROMOTE INFILTRATION, AND RETAIN LIME, FERTILIZER, AND SEED.

GROOVING SLOPES

NOTES:

1. ALL SLOPES STEEPER THAN 3:1 AND GREATER THAN 5 VERTICAL FEET SHALL BE SURFACED ROUGHENED.
2. AREAS WITH GRADES STEEPER THAN 3:1 SHALL BE ROUGHENED TO A DEPTH OF 2"–4" PRIOR TO SEEDING.
3. AREAS THAT WILL NOT BE STABILIZED IMMEDIATELY SHALL BE ROUGHENED TO REDUCE RUNOFF VELOCITY UNTIL SEEDING TAKES PLACES.
4. SLOPES WITH A STABLE ROCK FACE DO NOT REQUIRE ROUGHENING.
5. SLOPES WHERE MOWING IS PLANNED SHOULD NOT BE EXCESSIVELY ROUGHENED.
6. REFER TO BMP C130 IN VOLUME II OF THE STORMWATER MANAGEMENT MANUAL FOR WESTERN WASHINGTON FOR MORE INFORMATION.

N.T.S.

SURFACE ROUGHENING (CONTOUR FURROWS)

STANDARD DETAIL

CITY OF BATTLE GROUND
APPROVED

Mark Hennes 06/11/2018

CITY ENGINEER DATE

REVISIONS:	DATE:	DRAWN:	DESIGNED:
1	9/15/10	RMJ	RMJ
2	3/20/17	CAS	KDU

EC–8.03