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STRONG MINING COMPANY

JOHN E STRONG 1505 EAST 12 RIFLE CO 970-625-0777

**Electronically Recieved by
DRMS on July 7, 2020**

State of Colorado
DRMS
Attention Amy Yeldell

7/7/20

Please see the following comments and answers to your TR-1 Adequacy Review letter.

For paragraph #1 please see attached letter from our seed supplier. As for water bars there will be 2 constructed as per F/S. Work will be done using a mid-size tractor. Material to be native soil on site. For volume there will be around 3 yards each. Please see attached plan from F/S. Work will be done in one 8-hour day. And for the Volume of logs in the cabin there is 16 at 24' and 16 at 16'. They will be cut into manageable lengths and scattered per F/S. The work will take around 64 total man hours.

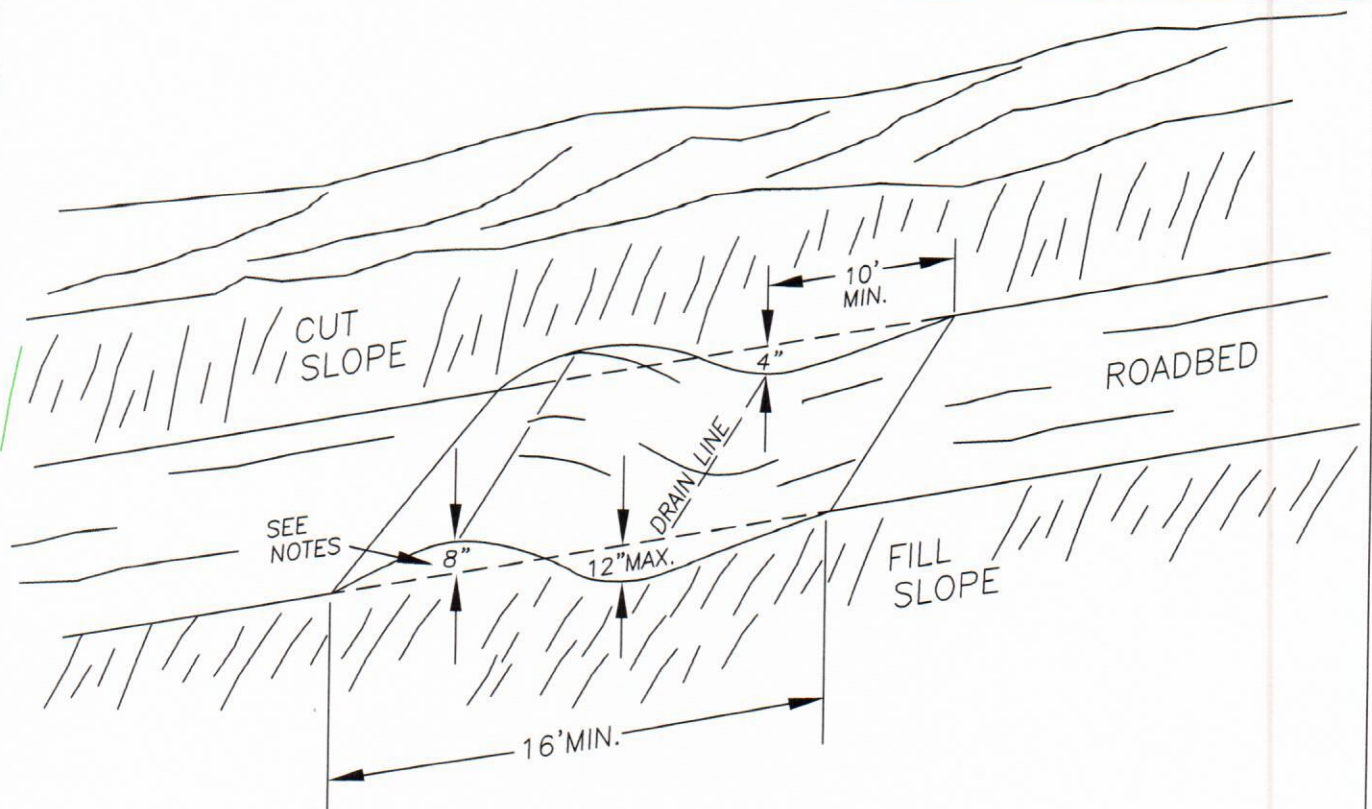
Thank you
George Strong

Apex Mine M-2014-011 Seed Mix TR-1

Applied via broadcast @ 25#/ac

Species	% of mix	#/Ac	Purity	Germ	PLS	# PLS	PLS/Ac
Mt Brome	25	6.25	99.26	98	97.2748	1.028015	6.425097
Slender Wheatgrass	25	6.25	99.44	95	94.468	1.05856	6.615997
Thickspike Wheatgrass	25	6.25	98.25	95	93.3375	1.071381	6.69613
Blue Whildrye	10	2.5	96.96	95	92.112	1.085635	2.714087
Fringed Brome	10	2.5	99.65	97	96.6605	1.034549	2.586372
Junegrass	5	1.25	95.3	94	89.582	1.116296	1.39537
Thurber Fescue	*						
Total	100	25					26.43305

* Not commercially available added to Junegrass since no substitutions allowed
 No varieties specified by USFS, determined by seed vendor availability



NOTES:

WATERBARS SHALL HAVE A CLEAN OUTLET AND BE CONSTRUCTED SO THAT THEY WILL NOT FAIL FROM ALL WEATHER USE.

HEIGHT OF WATERBAR SHALL BE 8 INCHES COMPACTED HEIGHT ABOVE ORIGINAL ROADBED.

THE WATERBAR SKEW SHALL BE 20° TO 40°.

CROSS SLOPE OF THE DRAIN LINE SHALL BE EQUAL TO THE CROSS SLOPE OF THE ROAD PLUS 2°.

WATERBARS SHALL PROVIDE FOR UNRESTRICTED DISCHARGE OF WATER AND SHALL BE LOCATED SO THAT WATER WILL BE DISCHARGED TO MINIMIZE EROSION.

WATERBARS SHALL BE INSTALLED PRIOR TO END OF NORMAL OPERATING SEASON UNLESS OTHERWISE AGREED.

FOR USE ON TEMPORARY ROADS.

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE



R-2

ROCKY MOUNTAIN REGION

Forest

Standard Drawing

WATERBAR DETAILS