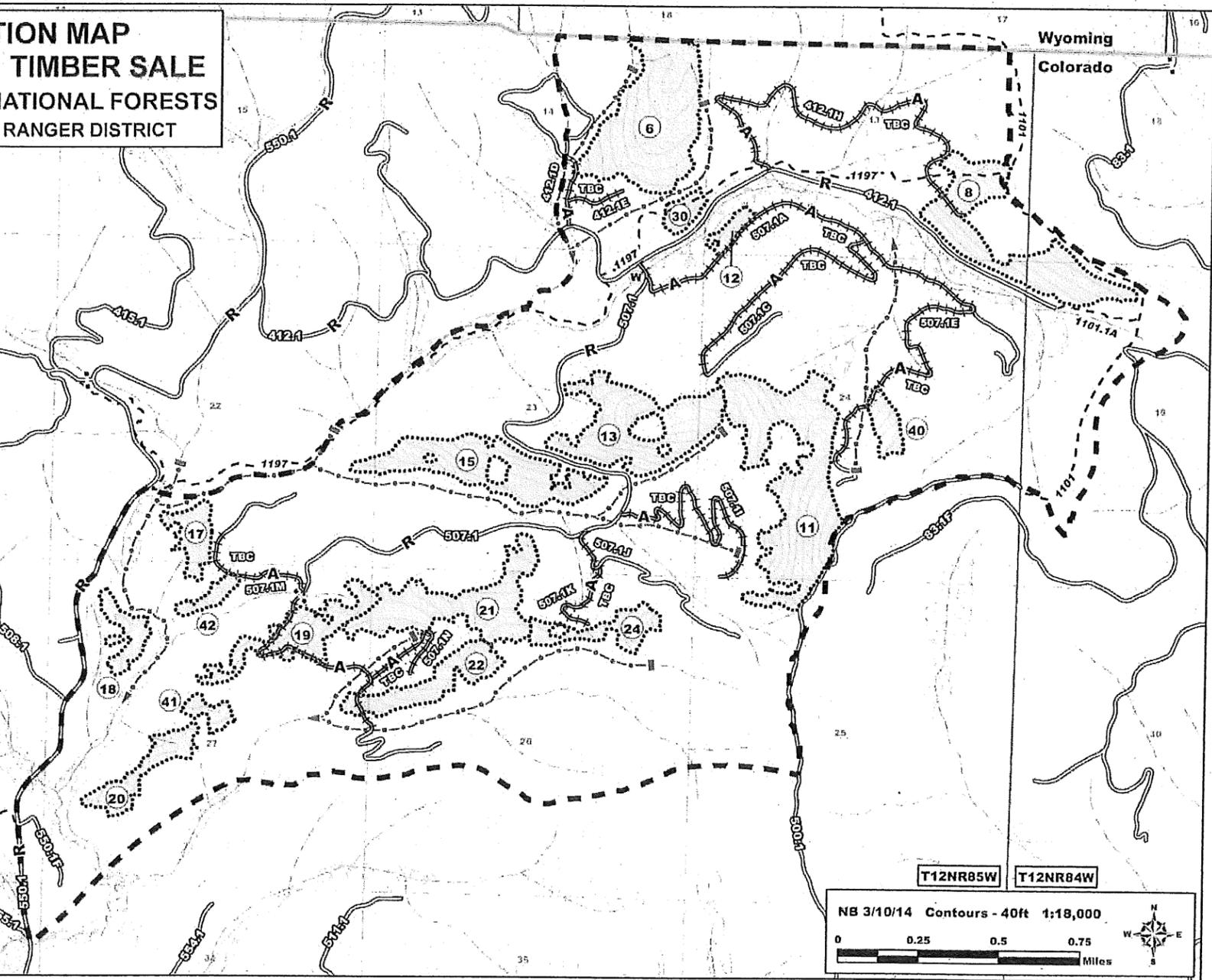


TRANSPORTATION MAP
BOOTLEG SALVAGE REOFFER **TIMBER SALE**
MEDICINE BOW - ROUTT NATIONAL FORESTS
HAHNS PEAK BEARS EARS RANGER DISTRICT

- Legend**
- Sale Area Boundary, B1.1
 - Cutting Unit Boundary, B2.3
 - State Boundary
 - Cutting Unit Designation - B2.3
 - Restricted Use, C5.12#
 - Public Use Restriction, C5.12#
 - Existing Road - B5.12
 - Specified Road Reconstruction, B5.2
 - Road to be Closed, C5.41#
 - Protect Improvement Trail, B6.22
 - Water Source
 - Protect Improvement Gate - B6.22
 - Protect Stream Course, Block Marks Upper Limit B6.5

Land and Section lines are approximate.
 Units 6, 8, 12, 18 have Wildlife Reserve Trees, C2.3#, C6.32#.
 All units are assumed to be infested with Canada Thistle.
 Equipment cleaning between units is not required.



U.S. DEPARTMENT OF AGRICULTURE
 FOREST SERVICE
R-2
 ROCKY MOUNTAIN REGION

DRAWINGS FOR
 RO-C5.41#
 Closure to Use by Others
BOOTLEG SALVAGE REOFFER
TIMBER SALE
 HAHNS PEAK/BEARS EARS
 RANGER DISTRICT

INDEX TO SHEETS

1. TITLE SHEET/PROJECT MAP
2. 412.1D&E DESCRIPTION OF WORK
3. 412.1H & 507.1 DESCRIPTION OF WORK
4. 507.1A&C DESCRIPTION OF WORK
5. 507.1E&I DESCRIPTION OF WORK
6. 507.1J&K DESCRIPTION OF WORK
7. 507.1M&N DESCRIPTION OF WORK
8. RECONTOURING DETAIL
9. TYPE I WATER BAR DETAIL
10. SLASH/LOG BARRICADE DETAIL
11. GATE DETAIL

I APPROVE THE ENGINEERING ASPECTS OF THESE DRAWINGS	<i>Jessica M. Brown</i>	3-25-14	Date
	Qualified Engineer		
I RECOMMEND THIS PROJECT AND CERTIFY THAT ADEQUATE FUNDING IS AVAILABLE	<i>Wana R. Bardsley</i>	3/25/14	Date
	Forest Engineer		
THESE DRAWINGS COMPLY WITH LAND AND RESOURCE MANAGEMENT PLANS	<i>Paul Stutz</i>	3/25/14	Date
	District Ranger		
APPROVED	<i>Paul C. ...</i>	3-25-14	Date
	Forest Supervisor		

Forest
 Medicine Bow-Routt NFs
 and Thunder Basin Grassland

Project Name
**BOOTLEG SALVAGE REOFFER
 TIMBER SALE**

Sheet Title		
TITLE SHEET		
Scale	Sheet	
NONE	1 of 11	

DESCRIPTION OF WORK						
NFSR 412.1D					TYPE: Post-Haul Closures	
Item Number	Unit of Measure	Station	Recontour & Seed	Water Bar	Ditch	Device/Barricade
N/A	LF					
N/A	Each					
N/A	LF					
N/A	Each					
N/A	LF					
Station			Description of Work			
0+00						BOP: NFSR 412.1D Landmark: Jnct NFSR 412.1 @ MP 1.39 Begin recontour
2+30						End recontour
9+09						Landmark: Unit Boundary #6, no stake, Begin seeding
11+90						Landmark: Live stream, culvert pulled, End seeding EOP: 412.1D
TOTALS	230				960	

DESCRIPTION OF WORK						
NFSR 412.1E					TYPE: Post-Haul Closures	
Item Number	Unit of Measure	Station	Recontour & Seed	Water Bar	Ditch	Device/Barricade
N/A	LF					
N/A	Each					
N/A	LF					
N/A	Each					
N/A	LF					
Station			Description of Work			
0+00						BOP: NFSR 412.1E Landmark: Jnct NFSR 412.1D & 412.1E
12+00						Landmark: End of Road EOP: NFSR 412.1E
TOTALS					1200	

DESCRIPTION OF WORK						
NFSR 412.1H					TYPE: Post-Haul Closures	
Item Number	Road Closure: Type - Recontour & Seed	Drainage Excavation: Type - Water Bar (Type I - See Typical in Plans)	Drainage Excavation: Type - Ditch	Furnish & Install Road Closure Device; Type - Slash/Log Barricade	Road Closure- Rip and seed	General Notes: 1) Use in conjunction with Provision C5.41# 2) Ref. Provision CT6.601 for Seed Mix & Specifications
N/A	N/A	N/A	N/A	N/A	N/A	
Unit of Measure	LF	Each	LF	Each	LF	
Station	Description of Work					
0+00	BOP: NFSR 412.1H - Decommission Landmark: Jct NFSR 412.1 @ MP 2.23 Begin Recontouring Road (Sta 0+00 to 2+45)					
0+72	Landmark: Trail 1197 on the right, no stake					
1+58	Landmark: Trail 1197 on the left. No stake- Restore to trail specs when decommissioning					
1+69	Landmark: Sign for 1197 on the left					
2+45	End recontour					
2+90	Begin Rip and Seed					
29+39	18'x20' CMP - Remove and dispose. Bring back to natural drainage.					
30+16	18'x24' CMP - Remove and dispose. Bring back to natural drainage.					
48+01	18' x 20' CMP - Remove and dispose. Bring back to natural drainage.					
69+80	18' CMP - Remove and dispose. Bring back to natural drainage.					
85+86	Landmark: End of Road, End rip and seed EOP: NFSR 412.1H					
TOTAL	245			8341'		

DESCRIPTION OF WORK						
NFSR 507.1					TYPE: Post-Haul Closures	
Item Number	Road Closure: Type - Recontour & Seed	Drainage Excavation: Type - Rolling Dip (RD)	Drainage Excavation: Type - Ditch	Furnish & Install Road Closure Device; Type - Slash/Log Barricade	Road Closure- Seed	General Notes: 1) Use in conjunction with Provision C5.41# 2) Ref. Provision CT6.601 for Seed Mix & Specifications
N/A	N/A	N/A	N/A	N/A	N/A	
Unit of Measure	LF	Each	LF	Each	LF	
Station	Description of Work					
56+96	BOP: NFSR 507.1 @ MP 2.6 Begin Seeding					
99+72	EOP: 507.1. Landmark: Live stream, End of 507.1 - End Seeding					
TOTAL				4276		

DESCRIPTION OF WORK						
NFSR 507.1A					TYPE: Post-Haul Closures	
	Road Closure; Type - Recontour & Seed	Drainage Excavation; Type - Water Bar (Type I - See Typical in Plans)	Drainage Excavation; Type - Ditch	Furnish & Install Road Closure Device; Type - Slash/Log Barricade	Road Closure- Seed	General Notes: 1) Use in conjunction with Provision C5.41# 2) Ref. Provision CT6.601 for Seed Mix & Specifications
Item Number	N/A	N/A	N/A	N/A	N/A	
Unit of Measure	LF	Each	LF	Each	LF	
Station						Description of Work
0+00	↓					BOP: NFSR 507.1A Landmark: Jnct NFSR 507.1 @ MP 0.04 Begin Recontour
2+23	↓					End Recontour, Begin seeding
42+61		1				Construct Water Bar
43+90		1				Construct Water Bar
64+18					↓	Landmark: End of Road, Intersection with 507.1E, End Seeding EOP: NFSR 507.1A
TOTALS	223	2			6195	

DESCRIPTION OF WORK						
NFSR 507.1C					TYPE: Post-Haul Closures	
	Road Closure; Type - Recontour & Seed	Drainage Excavation; Type - Water Bar (Type I - See Typical in Plans)	Drainage Excavation; Type - Ditch	Furnish & Install Road Closure Device; Type - Slash/Log Barricade	Road Closure- Seed	General Notes: 1) Use in conjunction with Provision C5.41# 2) Ref. Provision CT6.601 for Seed Mix & Specifications
Item Number	N/A	N/A	N/A	N/A	N/A	
Unit of Measure	LF	Each	LF	Each	LF	
Station						Description of Work
0+00						BOP: NFSR 507.1C Landmark: Jnct NFSR 507.1A @ MP 0.85 Begin seeding
5+88		1				Construct Water Bar
10+09		1				Construct Water Bar
13+90		1				Construct Water Bar
50+02					↓	Landmark: End of road End Seeding EOP: NFSR 507.1C
TOTALS		3			5002	

DESCRIPTION OF WORK						
NFSR 507.1E					TYPE: Post-Haul Closures	
	Road Closure: Type - Recontour & Seed	Drainage Excavation: Type - Water Bar (Type 1 - See Typical in Plans)	Drainage Excavation: Type - Ditch	Furnish & Install Road Closure Device; Type - SlashLog Barricade	Road Closure- Seed	General Notes: 1) Use in conjunction with Provision C5.41# 2) Ref. Provision CT6.601 for Seed Mix & Specifications
Item Number	N/A	N/A	N/A	N/A	N/A	
Unit of Measure	LF	Each	LF	Each	LF	
Station						Description of Work
0+00						BOP: NFSR 507.1E Landmark: Jct NFSR 412.1 @ MP 0.79 Begin seeding
17+46		1				Construct Water Bar
37+36						Landmark: End of Road End seeding EOP: NFSR 507.1E
TOTALS		1			3736	

DESCRIPTION OF WORK						
NFSR 507.1I					TYPE: Post-Haul Closures	
	Road Closure: Type - Recontour & Seed	Drainage Excavation: Type - Water Bar (Type 1 - See Typical in Plans)	Drainage Excavation: Type - Ditch	Furnish & Install Road Closure Device; Type - SlashLog Barricade	Road Closure- Seed	General Notes: 1) Use in conjunction with Provision C5.41# 2) Ref. Provision CT6.601 for Seed Mix & Specifications
Item Number	N/A	N/A	N/A	N/A	N/A	
Unit of Measure	LF	Each	LF	Each	LF	
Station						Description of Work
0+00						BOP: NFSR 507.1I Landmark: Jct NFSR 507.1 @ MP 1.39 Begin seeding
1+00				1		Install Road Closure Device -- Type SlashLog Barricade (Use On-Site Material)
6+78		1				Construct Water Bar
11+86		1				Construct Water Bar
18+87		1				Construct Water Bar
29+67		1				Construct Water Bar
50+78						Landmark: End of Road End Seeding EOP: NFSR 507.1I
TOTALS		4		1	5078	

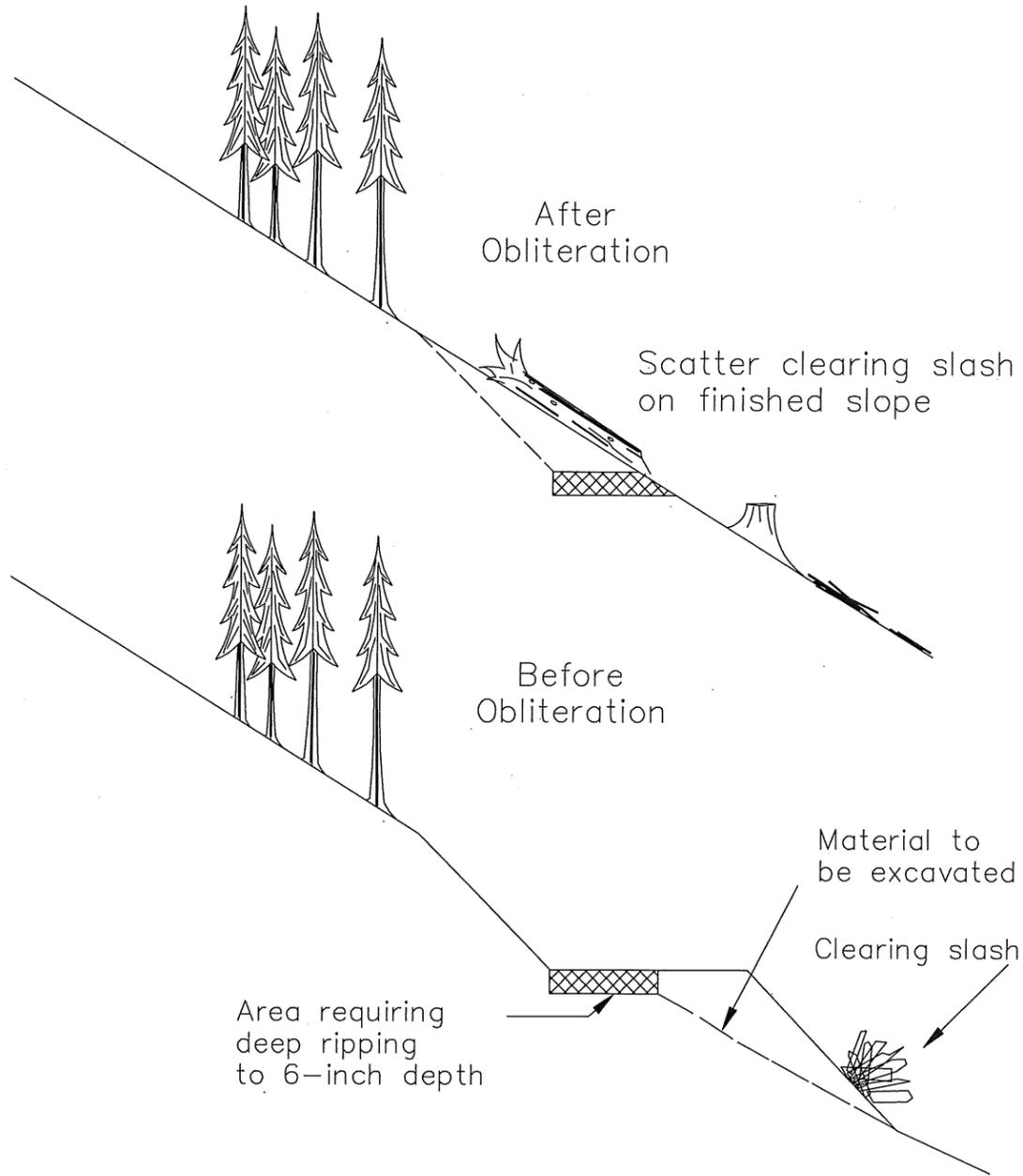
DESCRIPTION OF WORK						
NFSR 507.1J					TYPE: Post-Haul Closures	
	Road Closure; Type - Recountour & Seed	Drainage Excavation: Type - Water Bar (Type 1 - See Typical in Plans)	Drainage Excavation: Type - Ditch	Furnish & Install Road Closure Device; Type - Slash/Log Barricade	Road Closure-Seed	General Notes: 1) R/D = Rolling Dip 2) Use in conjunction with Provision C5.41#
Item Number	N/A	N/A	N/A	N/A	N/A	
Unit of Measure	LF	Each	LF	Each	LF	
Station						Description of Work
0+00						BOP: NFSR 507.1J Landmark: Jnct NFSR 507.1 @ MP 1.52, Begin seeding
2+27				1		Install Road Closure Device -- Type Slash/Log Barricade (Use On-Site Material)
5+76						Landmark: EOP, NFSR 507.1J Intersection with 507.1K (507.1J continues to the right, switches back and crosses over 507.1K ahead), Continue seeding onto 507.1K
TOTALS				1	576	

DESCRIPTION OF WORK						
NFSR 507.1K					TYPE: Post-Haul Closures	
	Road Closure; Type - Recountour & Seed	Drainage Excavation: Type - Water Bar (Type 1 - See Typical in Plans)	Drainage Excavation: Type - Ditch	Furnish & Install Road Closure Device; Type - Slash/Log Barricade	Road Closure-Seed	General Notes: 1) Use in conjunction with Provision C5.41# 2) Ref. Provision CT6.601 for Seed Mix & Specifications
Item Number	N/A	N/A	N/A	N/A	N/A	
Unit of Measure	LF	Each	LF	Each	LF	
Station						Description of Work
0+00						BOP: NFSR 507.1K Landmark: Jnct NFSR 507.J at 5+76 stake of 507.1J Begin seeding
1+48						Landmark: second intersection with 507.1J, it loops around to the right and crosses over 507.1K, no stake
14+42						Landmark: End of road End seeding EOP: NFSR 507.1K
TOTALS					1442	

DESCRIPTION OF WORK						
NFSR 507.1M					TYPE: Post-Haul Closures	
	Road Closure; Type - Recontour & Seed	Drainage Excavation; Type - Water Bar (Type I - See Typical in Plans)	Drainage Excavation; Type - Ditch	Furnish & Install Road Closure Device; Type - Slash/Log Barricade	Road Closure - Seed	General Notes: 1) Use in conjunction with Provision C5.41# 2) Ref. Provision CT6.601 for Seed Mix & Specifications
Item Number	N/A	N/A	N/A	N/A	N/A	
Unit of Measure	LF	Each	LF	Each	LF	
Station						Description of Work
0+00						BOP: NFSR507.1M Landmark: NFSR 507.1 @ ~ MP 2.58
0+72				1		Install Road Closure Device -- Type Slash/Log Barricade (Use On-Site Material)
14+56						Landmark: End of Road EOP: NFSR 507.1M
TOTALS				1	1456	

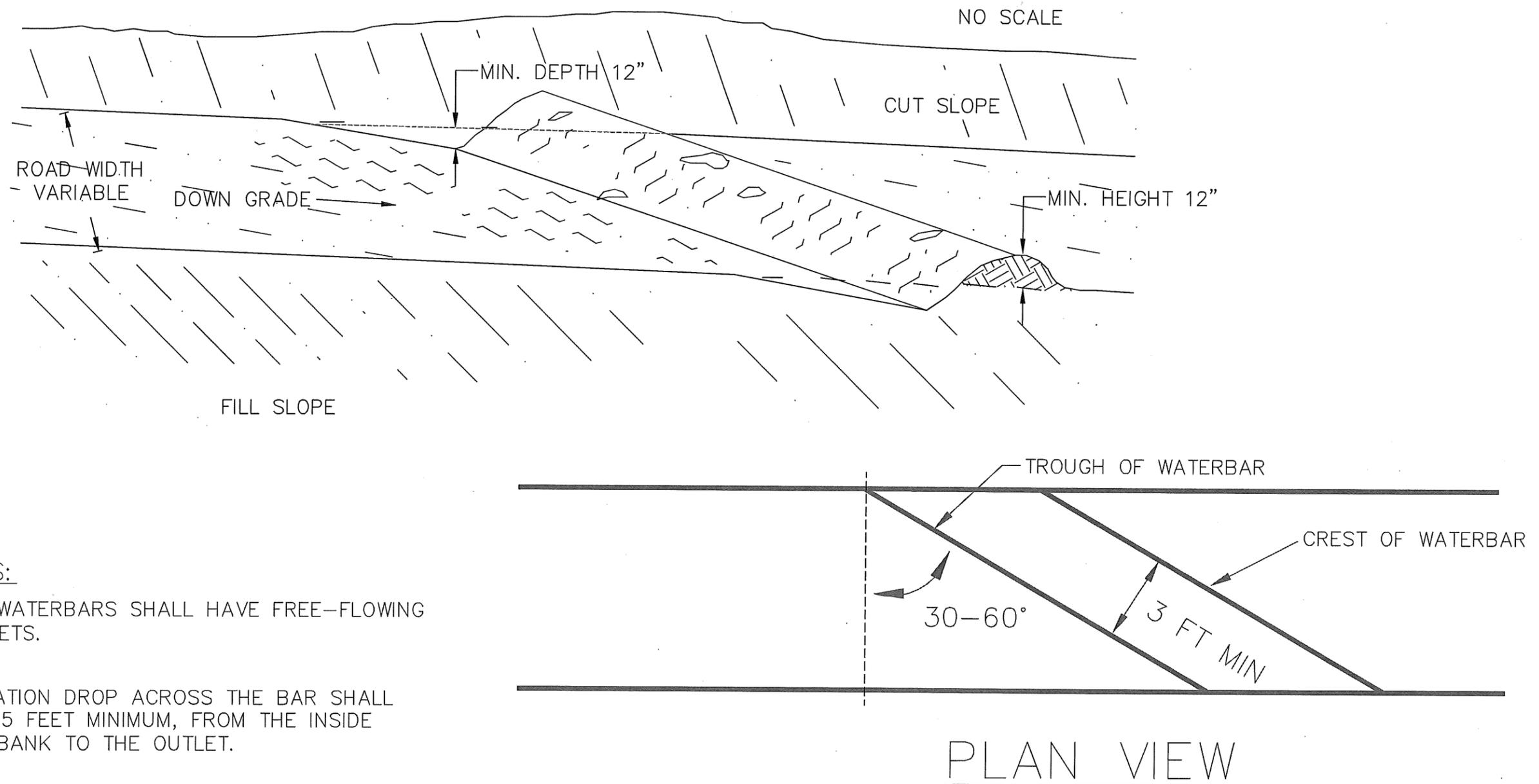
DESCRIPTION OF WORK						
NFSR 507.1N					TYPE: Post-Haul Closures	
	Road Closure; Type - Recontour & Seed	Drainage Excavation; Type - Water Bar (Type I - See Typical in Plans)	Drainage Excavation; Type - Ditch	Furnish & Install Road Closure Device; Type - Slash/Log Barricade	Road Closure - Seed	General Notes: 1) Use in conjunction with Provision C5.41# 2) Ref. Provision CT6.601 for Seed Mix & Specifications
Item Number	N/A	N/A	N/A	N/A	N/A	
Unit of Measure	LF	Each	LF	Each	LF	
Station						Description of Work
0+00						BOP: NFSR 507.1N Landmark: Jct NFSR 507.1 on Left Station 89+18 of 507.1 Begin seeding
20+20						Landmark: End of Road End seeding EOP: NFSR 507.1N
TOTALS					2020	

TYPICAL SIDESLOPE



TYPE I WATER BAR DETAIL

For Use on Closed Roads



NOTES:

1. ALL WATERBARS SHALL HAVE FREE-FLOWING OUTLETS.
2. ELEVATION DROP ACROSS THE BAR SHALL BE 0.5 FEET MINIMUM, FROM THE INSIDE CUT BANK TO THE OUTLET.

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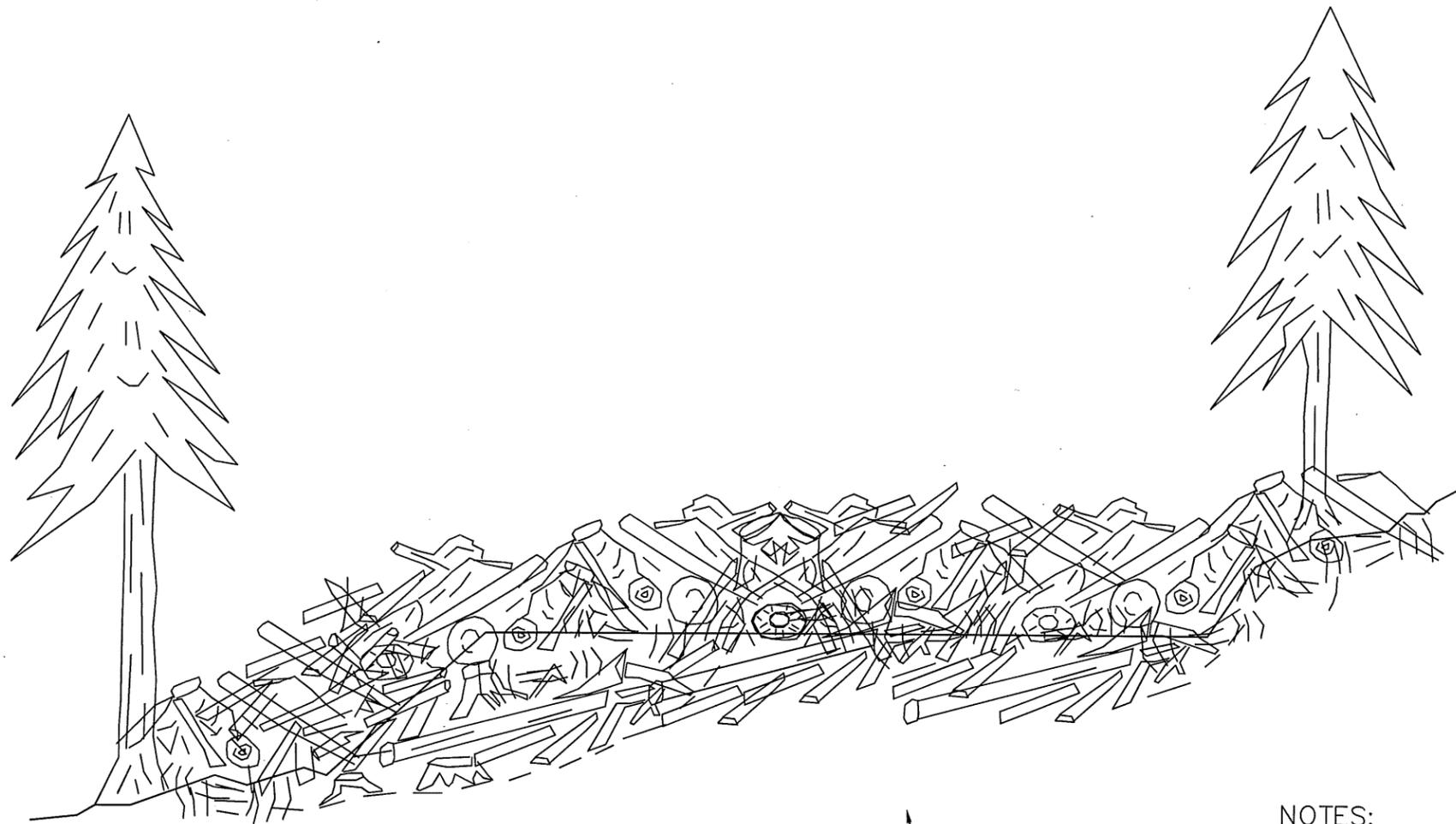


R-2
ROCKY MOUNTAIN REGION

Forest
**Medicine Bow-Routt NFs
and Thunder Basin Grassland**

Project Name
**BOOTLEG SALVAGE REOFFER
TIMBER SALE**

Sheet Title TYPE I WATER BAR DETAIL		
Scale NONE	Sheet 9 of 11	Road No.



NOTES:

1. SPREAD SLASH AND LOGS TO COMPLETELY BLOCK ROAD TO VEHICULAR TRAFFIC.
2. ANCHOR TO NATURAL PINCH POINTS (INCLUDING LIVE TREES).
3. SLASH SHALL BE DISTRIBUTED TO AVOID CONCENTRATIONS OR MATTING.
4. BARRICADE SHOULD BE AT LEAST 3' TALL AND 15' LONG, IN ADDITION TO SPANNING THE TRAVELLED WAY AND SHOULDERS.

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE



R-2
ROCKY MOUNTAIN REGION

Forest

Medicine Bow-Routt NFs
and Thunder Basin Grassland

Project Name

BOOTLEG SALVAGE REOFFER
TIMBER SALE

Sheet Title

SLASH/LOG BARRICADE DETAIL

Scale

NONE

Sheet

10 of 11

Road No.

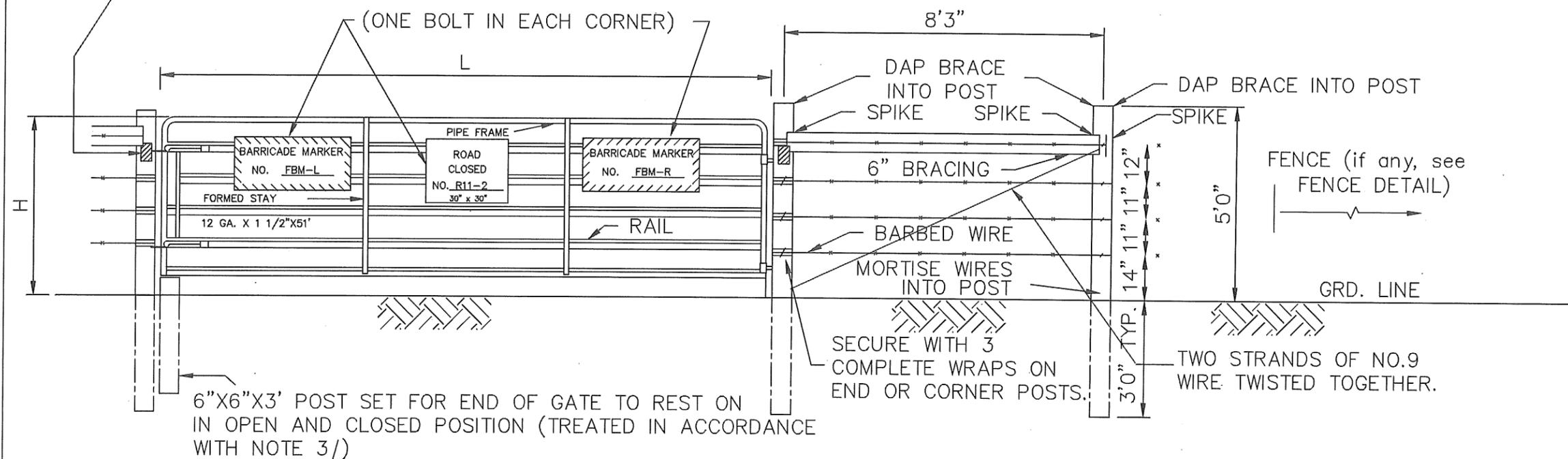
CLOSURE GATE DETAILS

TYPE 2 OBJECT MARKER (6"x12")
EACH SIDE OF POST IN EACH END
OF GATE (4 required).

SIGNS ON GATE TO BE CENTERED
AND BOLTED TO FAILS USING 3/8"x4" BOLTS.
BARRICADE MARKERS ON BOTH SIDES OF GATE

STANDARD BRACE PANEL

(Install at both ends of gate)



NOTES: 1/ GATE FRAME IS MADE OF 1 1/4" HIGH STRENGTH TUBING,
1.66" O.D. (MIN. YIELD STRENGTH 50,000 P.S.I.).

2/ UNLESS OTHERWISE DESIGNATED ON THE PLANS OR
IN THE SCHEDULE OF ITEMS, THE IRON GATE WITH
A 16' OPENING WILL BE USED.

3/ ALL POSTS IN BRACE PANELS SHALL BE ROUGH
SAWN 6"x6"x8', PONDEROSA PINE, DOUGLAS FIR OR
WESTERN LARCH, NO. 2 OR STANDARD GRADE. POSTS
SHALL BE PRESSURE TREATED WITH PENTACHLOROPHENAL
(0.4 lbs/cu.ft. RETENTION.)

4/ ALL METAL PARTS SHALL BE PAINTED LIGHT GREEN

5/ INSTALL A 6"x6"x8' TIE BACK POST (EQUIVALENT TO
THOSE USED IN BRACE PANEL) TO SECURE GATE IN
OPEN POSITION. POST MUST BE SET TO RECEIVE LATCH
PINS IN ORDER THAT GATE MAY BE LOCKED OPEN.
INSTALL TYPE 2 OBJECT MARKER (6"x 12").
ON SIDE OF TIE BACK POST, AWAY FROM GATE.

6/ BARBED WIRE TO BE 12 1/2 GAGE, 2 POINT WITH
BARBS 4"-5" APART.

7/ ALL SIGNS (5 ea) AND OBJECT MARKERS (6 ea) REQUIRED ARE
INCIDENTAL TO GATE CONSTRUCTION.

U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE



R-2

ROCKY MOUNTAIN REGION

Forest

Medicine Bow-Routt NFs
and Thunder Basin Grassland

Project Name

BOOTLEG SALVAGE REOFFER
TIMBER SALE

Sheet Title

GATE DETAIL

Scale

NONE

Sheet

11 of 11

Road No.