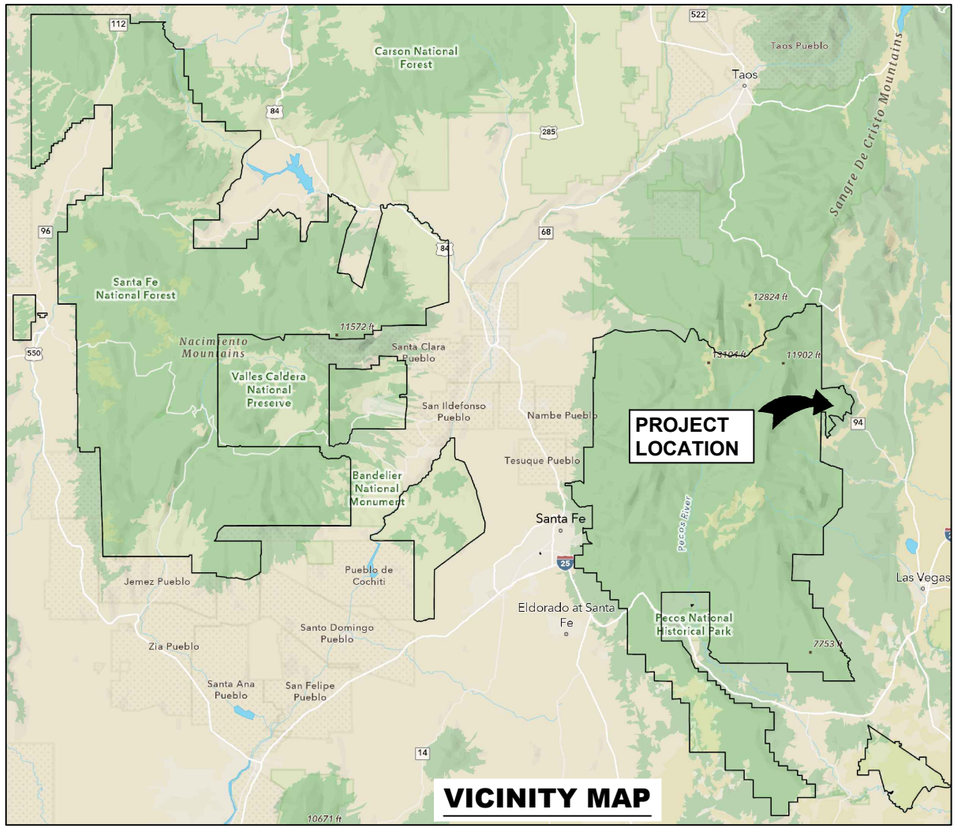
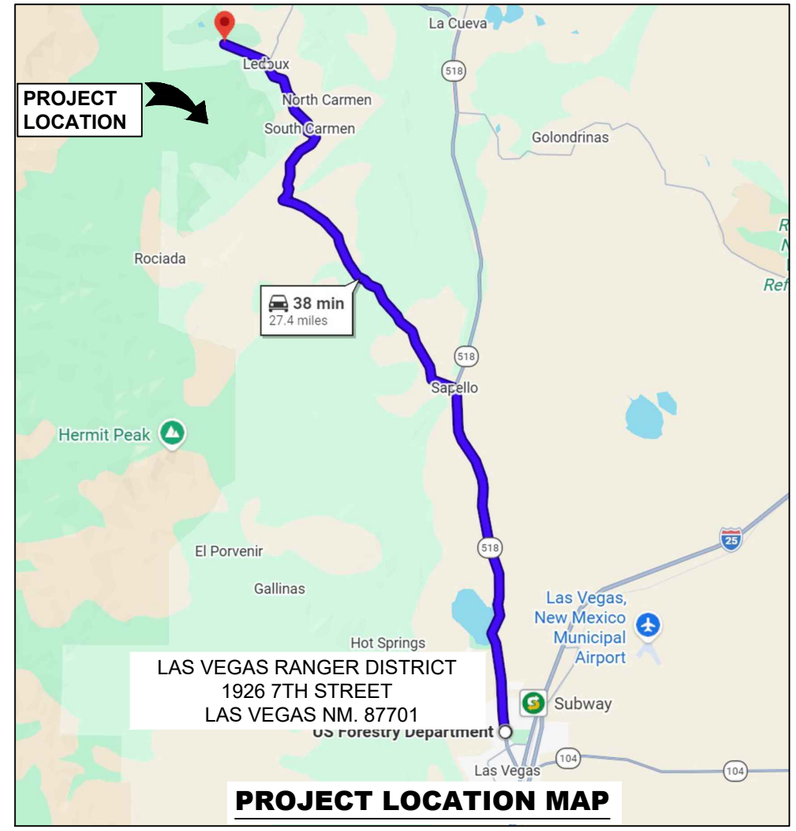
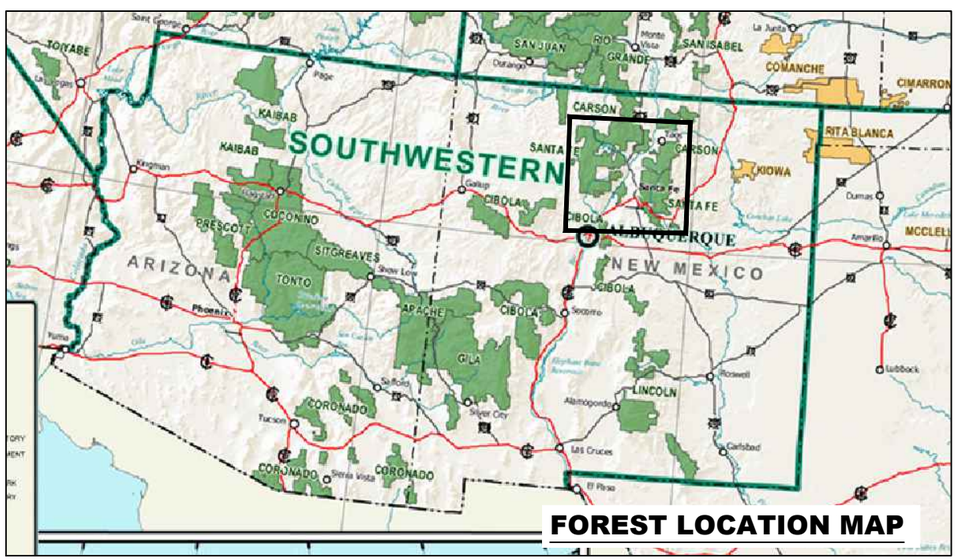


VICINITY MAP



PROJECT LOCATION MAP



FOREST LOCATION MAP

FROM THE LAS VEGAS RANGER DISTRICT OFFICE,HEAD NORTH TOWARD KATHRYN AVENUE. CONTINUE TO FOLLOW NM-518 N. PASS BY ALLSUPS CONVENIENCE STORE ON LEFT CONTINUE 11.5 MI. TURN LEFT ONTO NM-94 CONTINUE 14.3 MI. TURN LEFT ONTO MURPHY LAKE ROAD CONTINUE 305 FT. CONTINUE ONTO MORPHY LAKE ROAD 1.6 MI. TURN LEFT ONTO NFSR 632 = BEGINNING OF PROJECT.

RECOMMENDED BY:

FOREST ENGINEER — DATE

DISTRICT RANGER — DATE

FOREST SUPERVISOR — DATE

APPROVED:

DIRECTOR OF ENGINEERING — DATE

USDA FOREST SERVICE

United States Department of Agriculture
Forest Service

(R3)
SOUTHWESTERN REGION

STAMPS, LOGOS, AND SEALS

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PROJECT NAME

CAPULIN ROADS RECONSTRUCTION

SANTA FE NATIONAL FOREST

PECOS_LAS VEGAS RANGER DISTRICT

DRAWING TITLE

SITE LOCATION MAP

DATE 5/18/26	ARCHIVE NO.
DESIGNER G. MILLER	DRAWING SHEET NO. GA-01
DRAWN T.FLORES	
CHECKED M DE A CRUZ	
PROJECT NO.	SHEET 01 OF 18

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PROJECT SUMMARY TABLE

ROAD #	WORK ITEM	CLEARING 201 LSQ	SEDIMENT TRAPS 204(01) EACH	CONSTRUCT TURNOUTS 204(02) EACH	1" AGGREGATE 301(01) TONS	2" AGGREGATE 301(02) TONS	ROAD RECONDITIONING 303 MILE	STOCKPILE 2" 314 TONS	CATTLEGUARD REMOVAL - INSTALL 619 EACH
632	201	LSQ							
	204(01)		4						
	204(02)			30					
	301(01)				5800				
	301(02)					2884			
	303						6.0		
	314							400	
	619								
638	201	LSQ							
	204(01)		18						
	204(02)			42					
	301(01)								
	301(02)					4000			
	303						8.35		
	314								
	619								2
638 G	201	LSQ							
	204(01)								
	204(02)			4					
	301(01)								
	301(02)					2000			
	303						.82		
	314								
	*619								
	TOTAL	LSQ	22	76	5800 TONS	8884 TONS	15.2 MILES	400 TONS	2

*619 Government Furnish Located At Las Vegas Ranger District

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DRAWING TITLE

PROJECT SUMMARY TABLE

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GENERAL NOTES

G-01. Contractor Shall Furnish All Labor, Equipment, Supervision,Transportation, And Supplies Necessary To Perform All Project Activities.

G-02. Contractor Shall be Responsible For Locating All Utilities Before Digging.

G-03. Contractor Shall Conform To The Provided Santa Fe National Forest Fire Plan At All Times.

G-04. In The Event Of Inadvertent Discovery Of Possible Archaeological Resources, Contractor Shall Stop Work In The Immediate Vicinity And Contact The Contracting Officer's Representative.

G-05. Contractor Shall Not Perform Work In Or Discard Material Into Water Bodies.

G-06. Berms Of material Of Any Kind Shall be Removed Prior To The End of Each Working Day.

G-07. All Vehicles And Equipment Shall Be Clean And Free Of Weeds And Subject To Inspection Prior To Mobilizing onto Forest Lands.

G-08. Construction Activity Shall Be Limited To The Hours Of Thirty (30) Minutes After Dawn To Thirty (30) Minutes Before Dusk, Monday Through Friday, Unless Other Hours Are Approved In Writing By The CO.

G-09. Construction Activity Shall Not Occur On Federal Holidays Unless Otherwise Approved In Writing By The CO.

G-10. Prior To Closing A Road Longer Than 45 Minutes, It Shall Be Approved In Writing By The CO.

G-11. All Surface Aggregate Shall Be Compacted By Operating Equipment Until Visible Displacement Ceases.

G-12. All Quantities Shown On The Plans Are In Place Quantities.

G-13. 303(01) All Grade Dip Reconstruction And Construction Shall Be Included in This Work.

G-14. 314(01) Requires Stockpiling material At Locations Shown on The Plans.

G-15. 204(01) Shall Include Cleaning And Or Removal Of Sediment Traps Shown On Plans.

G-16. 204(02) Turnout Construction Shall Be per Details At An Approximate 1000' Spacing.

G-17. 619(01) Shall Include Removal And Installation Of New 14' Cattleguards and Side Gates. Materials Are Located At the Las Vegas Ranger District Office at 1926 7th Street Las Vegas, NM 87701.

REVISION 5/18/26 M.DE LA CRUZ

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NOTES SHEET

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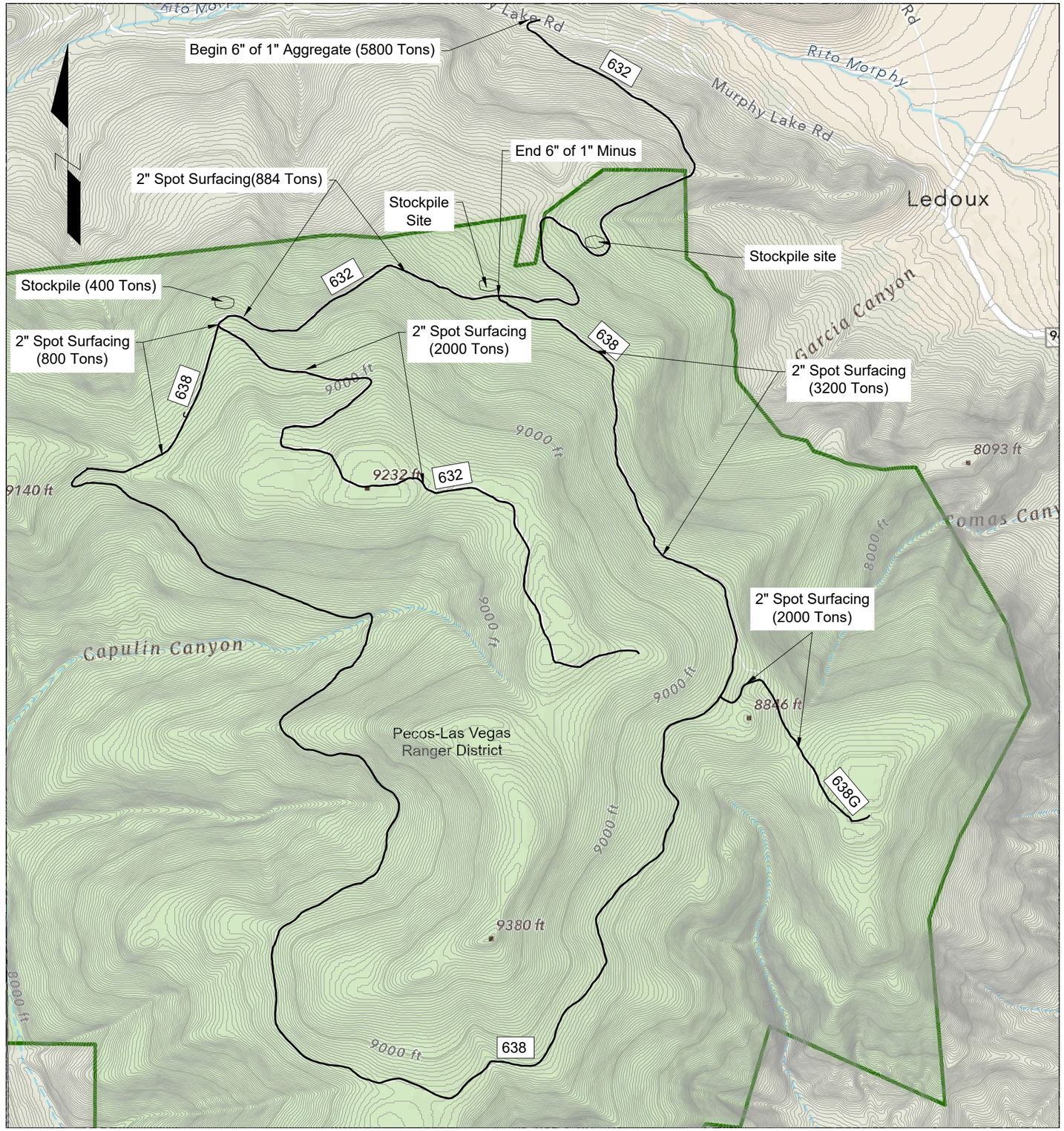

OVERALL SITE MAP

SCALE 1" = 1000'

0 2000 4000 Feet

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SITE PLAN OVERALL

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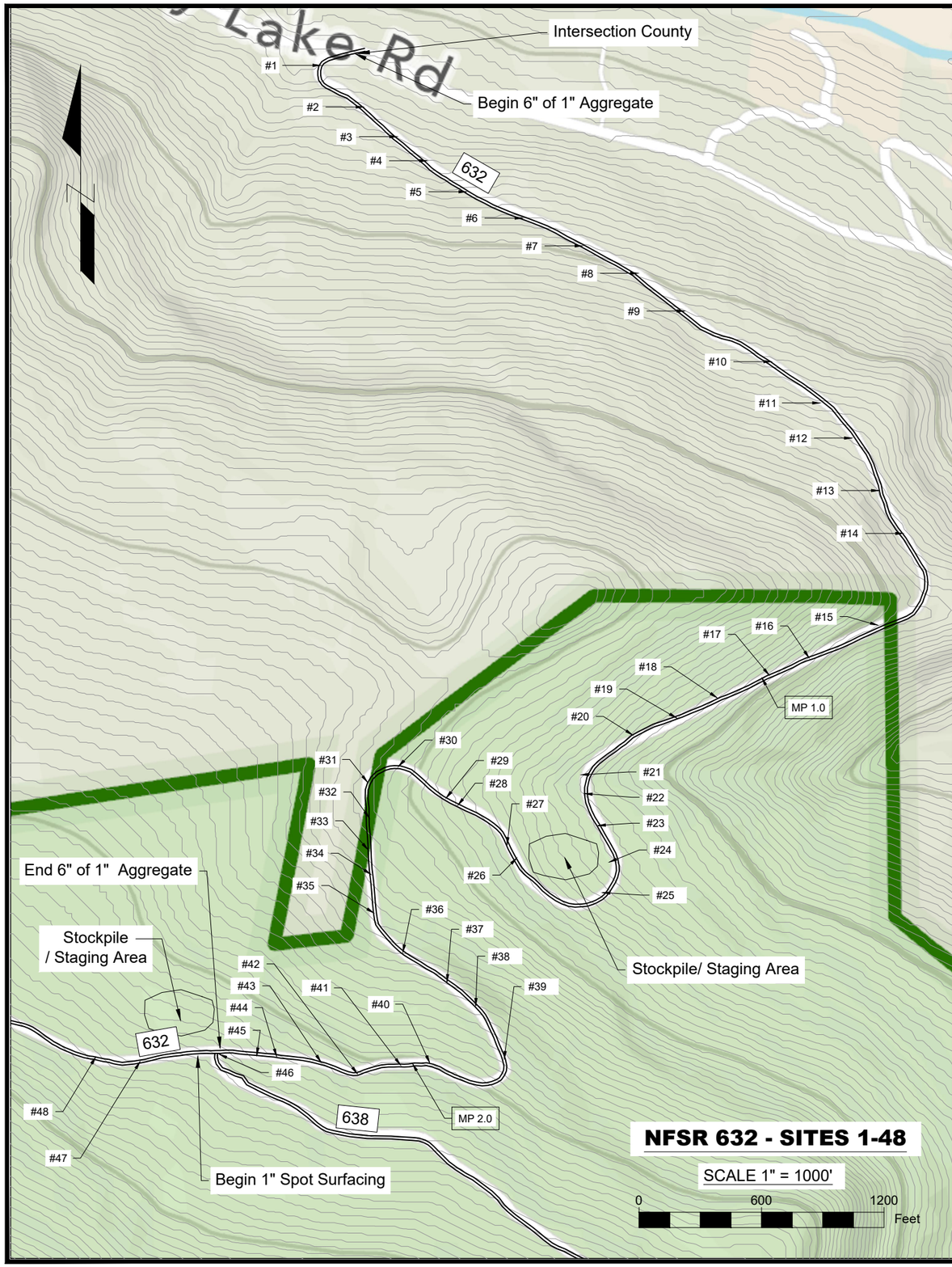

FOREST ROAD 632 SCHEDULE OF TASKS

SITE NO.	MILEPOST	SCHEDULE OF TASKS
	0.0	Intersection County Road Begin 303 (Begin 6" of 1" Aggregate)
1	.047	Existing CMP
2	.108	Dip
3	.150	Dip/CMP(Remove CMP/Dip)
4	.187	Dip
5	.232	Dip
6	.289	Dip
7	.350	Dip
8	.408	Dip
9	.464	Dip
10	.558	Dip
11	.618	Dip
12	.663	Dip
13	.721	Dip
14	.766	Dip
15	.883	Forest Boundary
16	.953	Closure Gate
17	.994	Dip
18	1.046	CattleGuard (Repair Wing)
19	1.089	CMP(Clean Brush)
20	1.132	Rocky Section
21	1.190	Existing 36" CMP(Clean,Rock Disposal Site)
22	1.207	Dip
23	1.238	Dip
24	1.277	Clean Tank (Right)
25	1.312	Bypass(Stockpile /Staging Site)
26	1.411	Dip
27	1.426	Existing 24" CMP(Clean)
28	1.490	Dip
29	1.502	Existing CMP
30	1.557	Dip
31	1.594	Existing CMP
32	1.627	Existing 24" CMP
33	1.657	Dip
34	1.680	Dip
35	1.715	Dip
36	1.760	Dip
37	1.810	Dip
38	1.845	Dip
39	1.902	Dip
40	1.988	Dip
41	2.015	Dip
42	2.057	Dip
43	2.093	Dip
44	2.134	Dip
45	2.153	Dip
46	2.188	(Begin 2" Spot Surfacing)
47	2.263	Dip
48	2.304	Dip

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SANTA FE NATIONAL FOREST

PECOS_LAS VEGAS RANGER DISTRICT

DRAWING TITLE

NFSR 632
SITES 1 TO 48

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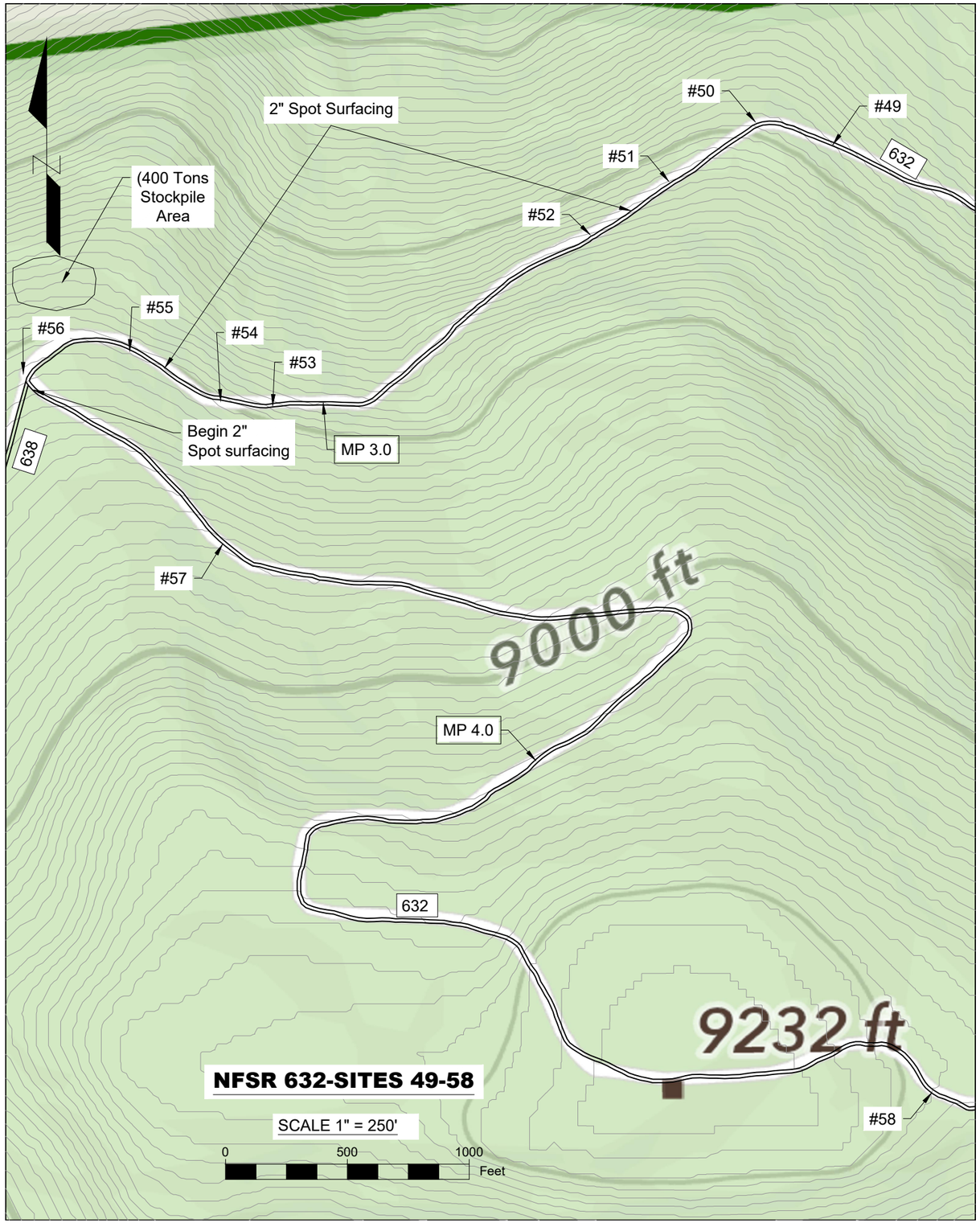

FOREST ROAD 632 SCHEDULE OF TASKS		
SITE #	**MILEPOST**	**SCHEDULE OF TASKS**
49	2.532	Dip
50	2.597	Dip
51	2.680	Dip
52	2.754	Dip
53	3.047	2" Spot Surfacing
54	3.087	Dip
55	3.170	Dip
56	3.266	Junction(Stockpile Area) Begin 2" Spot Surfacing(400 Tons)
57	3.471	Existing CMP(Plugged,Clean,Leave As Drain)
58	3.844	2" Spot Surfacing

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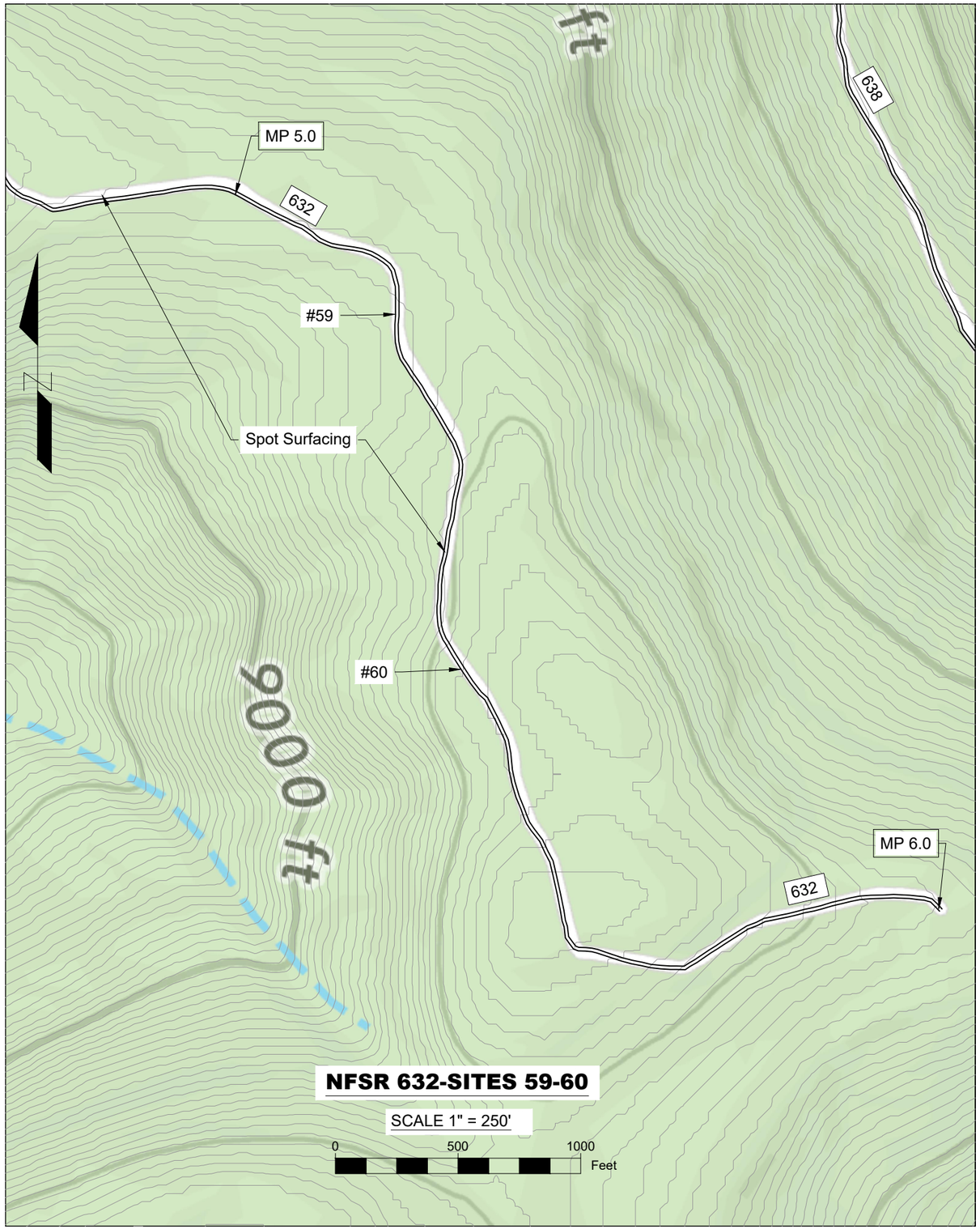

FOREST ROAD 632 SCHEDULE OF TASKS		
SITE #	**MILEPOST**	**SCHEDULE OF TASKS**
59	5.192	2" Spot Surfacing
60	5.483	Stable To End
	6.0	E.O.P.

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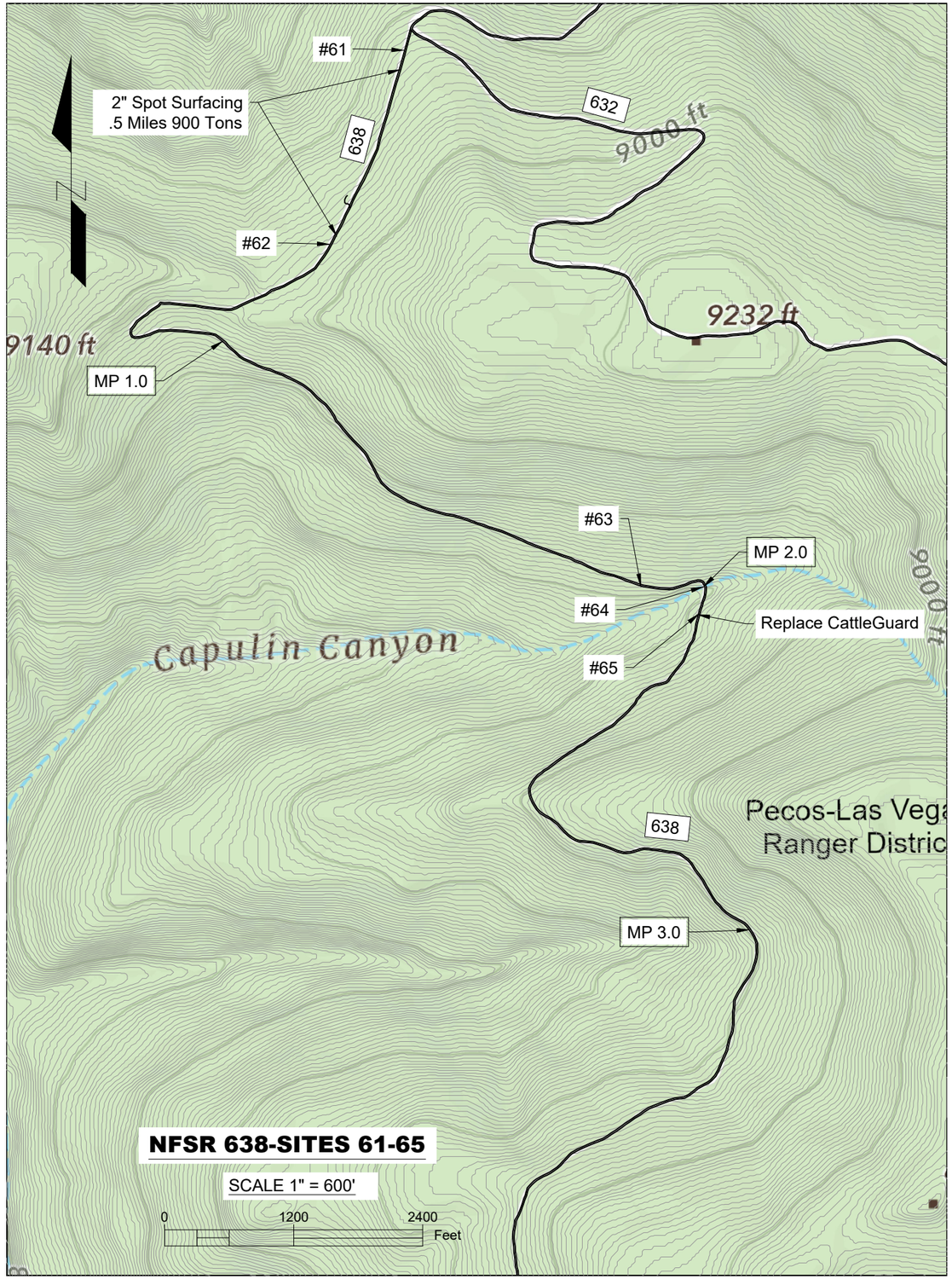

FOREST ROAD 638 SCHEDULE OF TASKS		
SITE #	**MILEPOST**	**SCHEDULE OF TASKS**
	0.0	Begin 303
61	.044	Begin 2" Spot Surfacing
62	.412	Continue 2" Spot Surfacing
63	1.890	Muddy Section(Need To Generate Borrow)
64	2.010	Existing 50" CMP (Capulin Drainage)
65	2.060	Existing CattleGuard(Remove and Replace)

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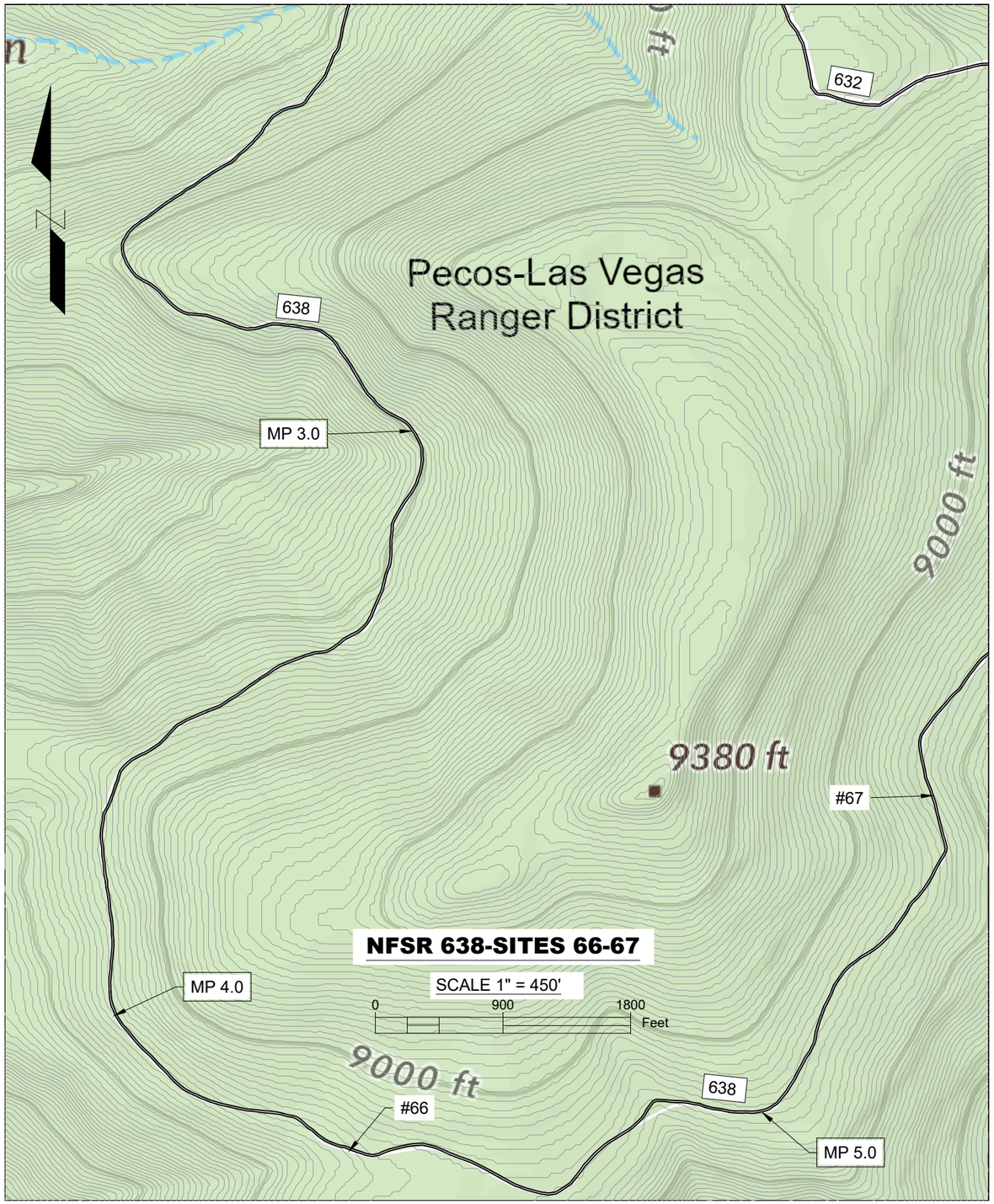

FOREST ROAD 638 SCHEDULE OF TASKS		
SITE #	**MILEPOST**	**SCHEDULE OF TASKS**
66	4.398	Clean Roadside Tank(Use material on Roadway)
67	5.532	Sediment Trap(Clean)

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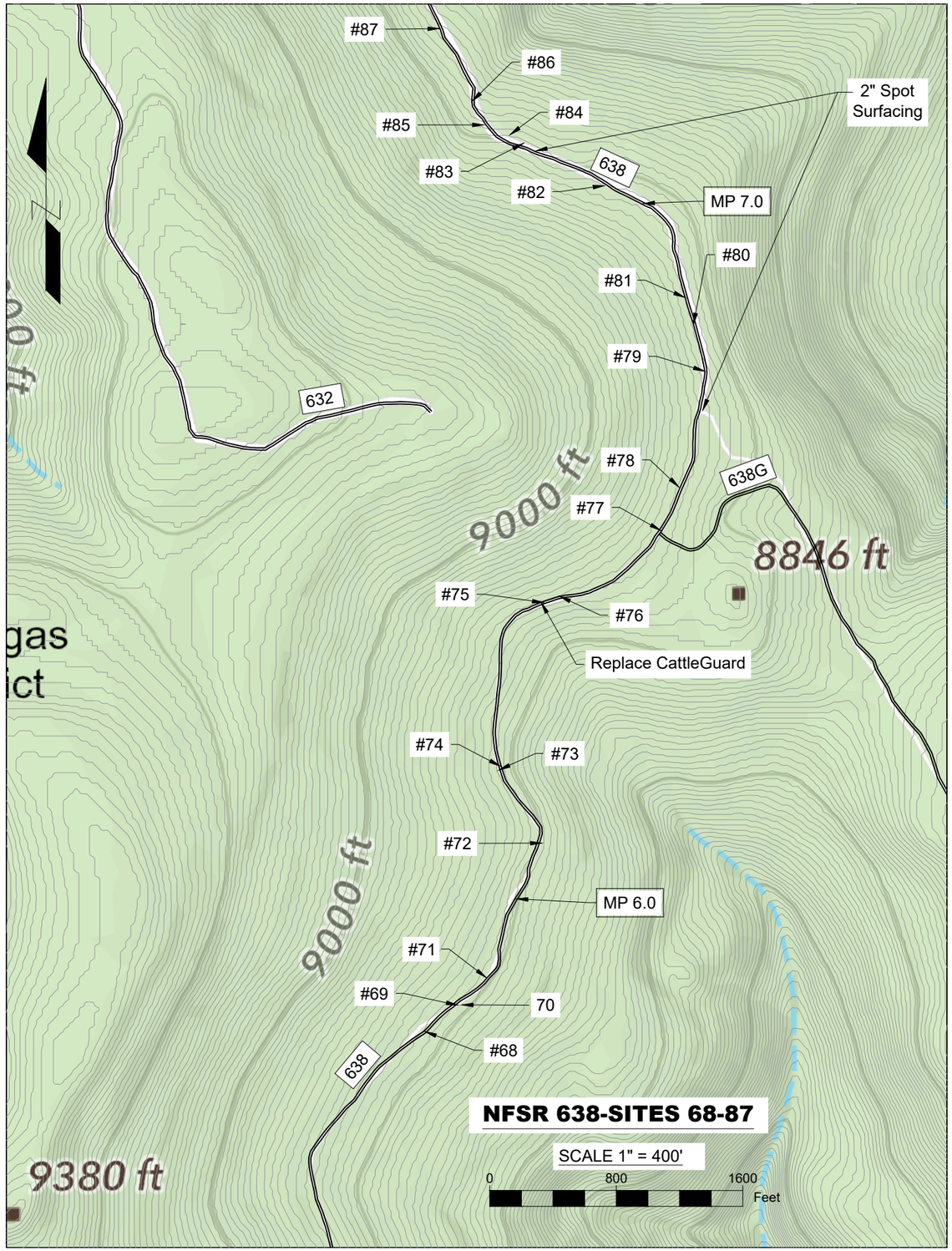

FOREST ROAD 638 SCHEDULE OF TASKS		
SITE #	**MILEPOST**	**SCHEDULE OF TASKS**
68	5.814	Sediment Trap(Clean)
69	5.865	Sediment Trap(Remove)
70	5.869	Sediment Trap(Remove)
71	5.914	Sediment Trap(keep)
72	6.091	Restore Template(RipRap Source)
73	6.195	Sediment Trap(Clean)
74	6.199	Roadside Tank(Clean Tank)
75	6.424	15' Existing CattleGuard(Remove Existing And Install New)
76	6.445	Existing Sediment Trap(Clean ,Use As CattleGuard Bedding)
77	6.595	Begin 2" Spot Surfacing
78	6.652	Dip(Clean), Begin 2" Spot Surfacing
79	6.796	Sediment Trap(Clean Cut Overflow)
80	6.855	Sediment Trap (Clean Cut Overflow)
81	6.889	Sediment Trap(Remove)
82	7.072	Dip
83	7.183	Sediment Trap(Clean Cut Overflow)
84	7.203	Clean Outlet(Remove Berm And Decks To Drain)
85	7.235	Dip(Clean Outlet)
86	7.264	Sediment Trap(Clean Cut Overflow)
87	7.365	Construct Grade Dip

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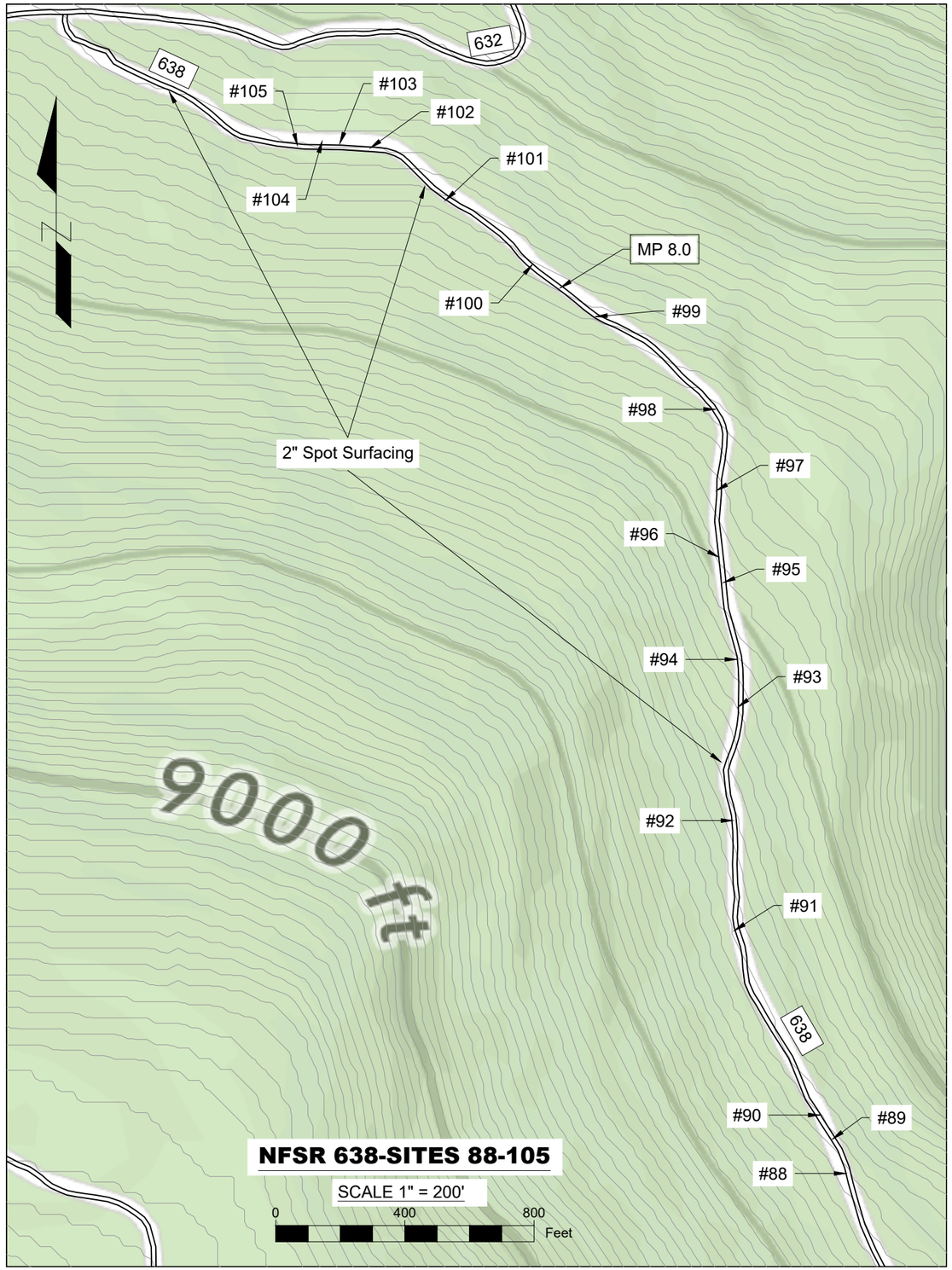

FOREST ROAD 638 SCHEDULE OF TASKS		
SITE #	**MILEPOST**	**SCHEDULE OF TASKS**
88	7.435	Begin 2" Spot Surfacing
89	7.457	Dip
90	7.473	Dip
91	7.594	Muddy Section
92	7.658	Sediment Trap (Clean)
93	7.727	Sediment Trap(Remove)
94	7.756	Dip
95	7.802	Sediment Trap(Clean)
96	7.817	Dip
97	7.856	Dip
98	7.906	Sediment Trap(Remove)
99	8.000	Dip
100	8.047	Sediment Trap (Clean)
101	8.112	Sediment Trap(Remove)
102	8.168	Sediment Trap(Clean And Restore Ditch To Lower Trap)
103	8.187	Dip(Borrow)
104	8.197	Sediment Trap(Clean)
105	8.212	Dip(Muddy)
	8.35	EOP Construct 50" Radius

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NFSR 638 SITES 88 TO 105

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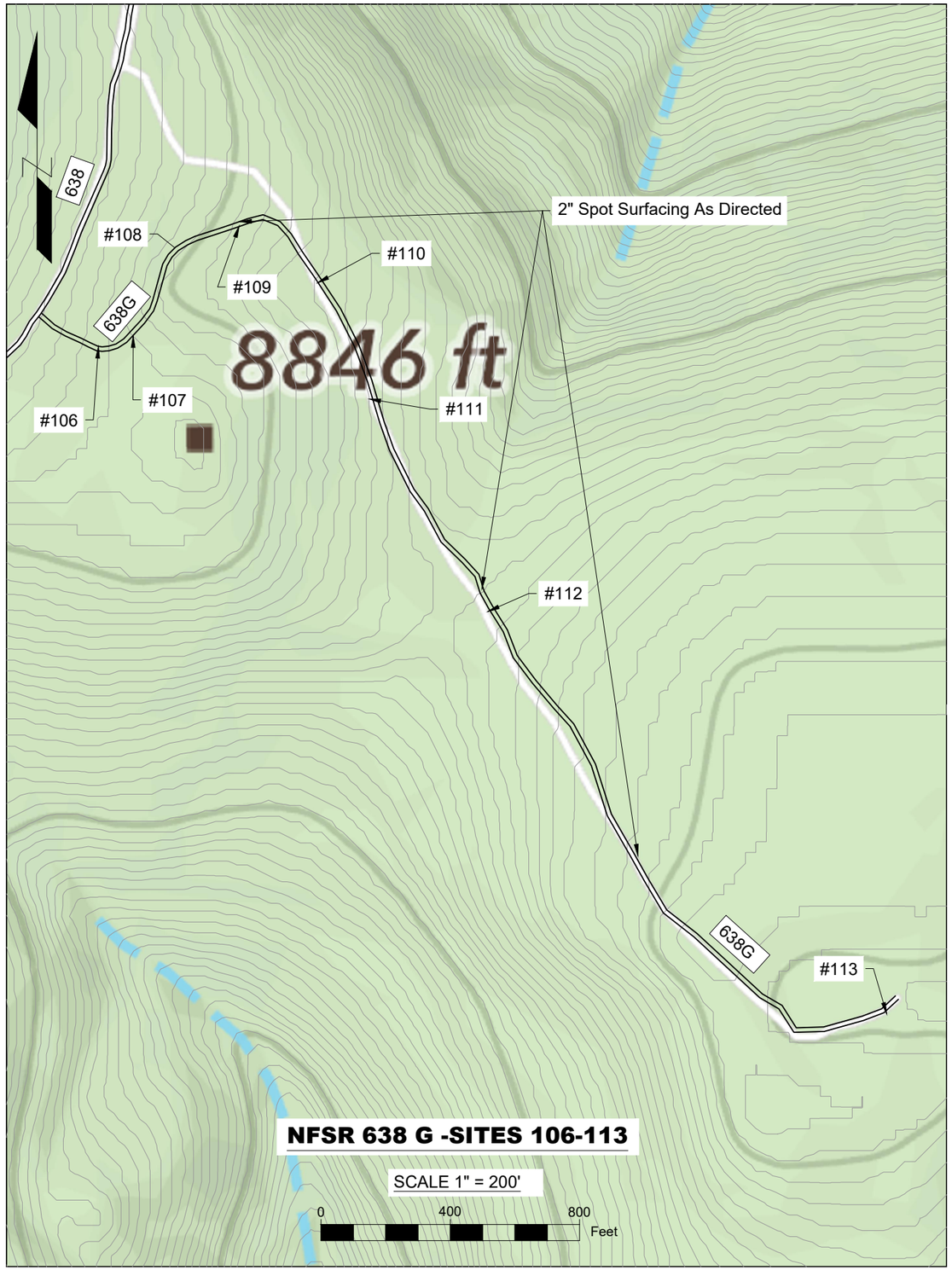

FOREST ROAD 638 G SCHEDULE OF TASKS		
SITE #	**MILEPOST**	**SCHEDULE OF TASKS**
	0.0	Intersection 638, Begin Road Reconditioning And 2" Spot Surfacing
106	.05	Reshape Template
107	.071	Construct Grade Dip
108	.13	Construct Grade Dip
109	.19	Construct Grade Dip
110	.26	Construct Grade dip
111	.30	Reshape Template
112	.45	Restore Template
113	.77	E.O.P.

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NFSR 638 G SITES 106 TO 113

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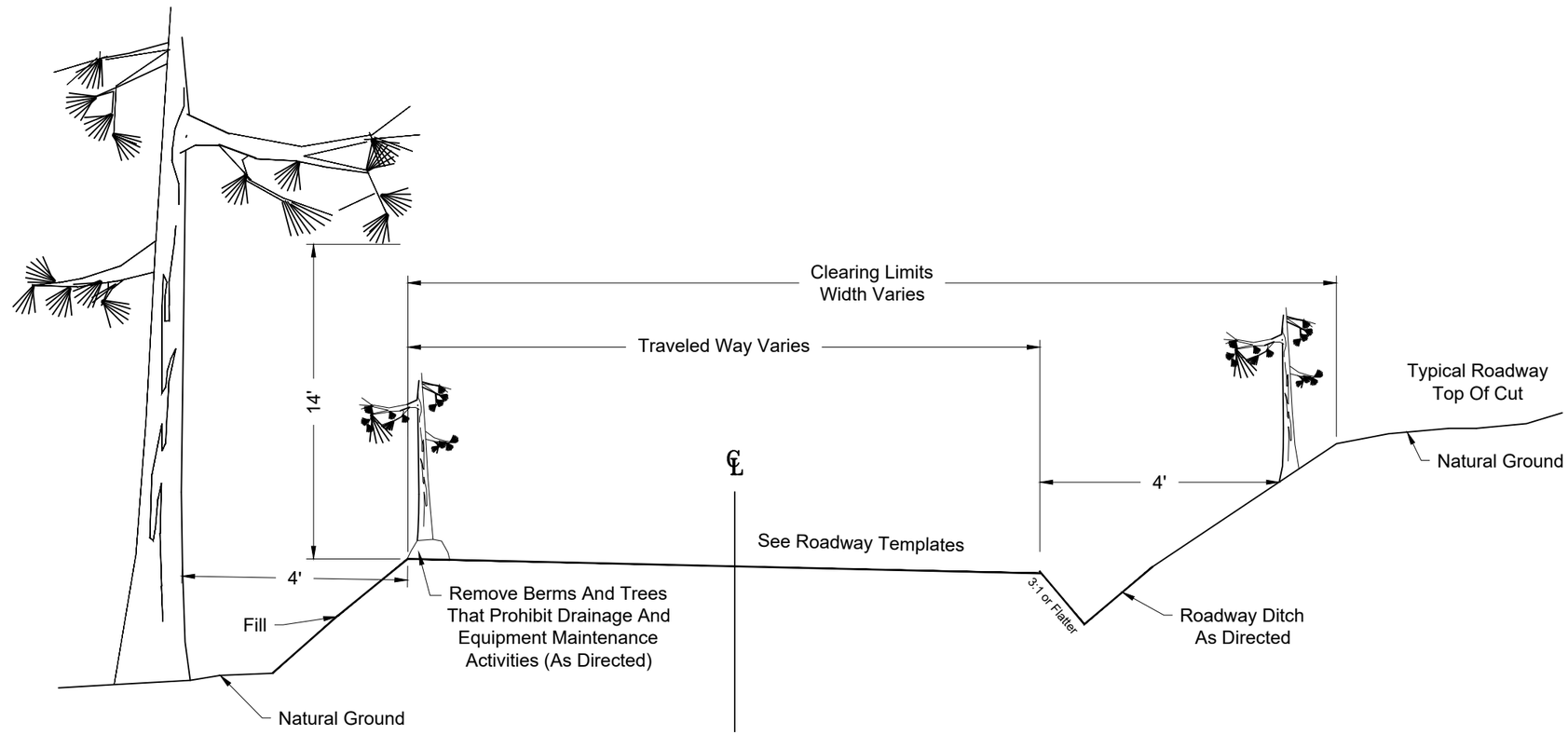
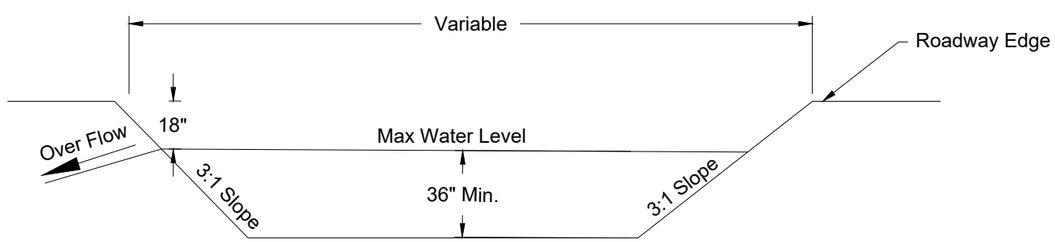


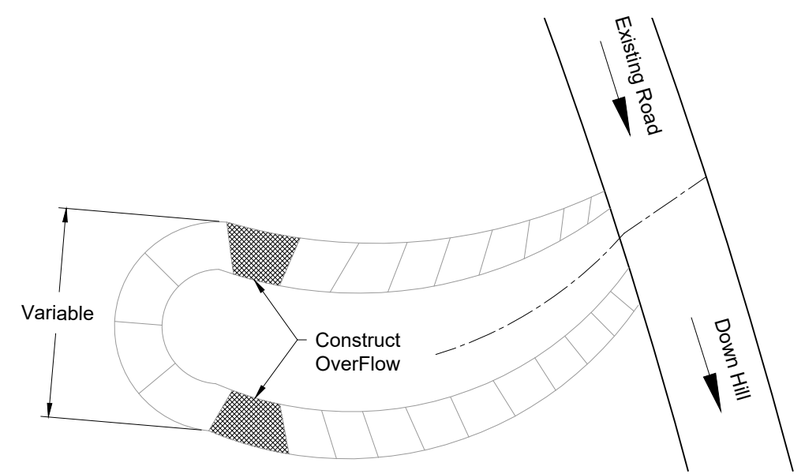
CLEARING LIMIT PLAN

NOT TO SCALE



SEDIMENT TRAP CLEANING DETAIL

NOT TO SCALE



SEDIMENT TRAP CLEANING DETAIL

NOT TO SCALE

United States Department of Agriculture
Forest Service

(R3)
SOUTHWESTERN REGION

STAMPS, LOGOS, AND SEALS

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2		
1		

PROJECT NAME

CAPULIN ROADS RECONSTRUCTION

SANTA FE NATIONAL FOREST

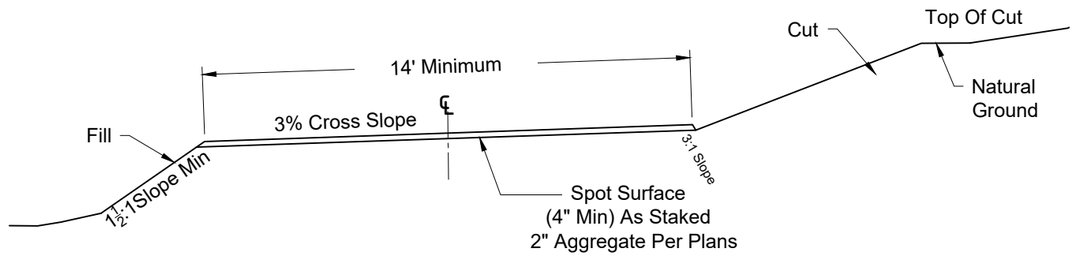
PECOS_LAS VEGAS RANGER DISTRICT

DRAWING TITLE

BRUSH CLEARING SEDIMENT TANK DETAILS

DATE 5/18/26	ARCHIVE NO.
DESIGNER G. MILLER	DRAWING SHEET NO. DT-14
DRAWN T.FLORES	
CHECKED M. DE LA CRUZ	
PROJECT NO.	SHEET 14 OF 18

5/18/26 10:38 TCFLORES D:\SANTA FE FIRE RESTORATION\CAPULIN.DWG;

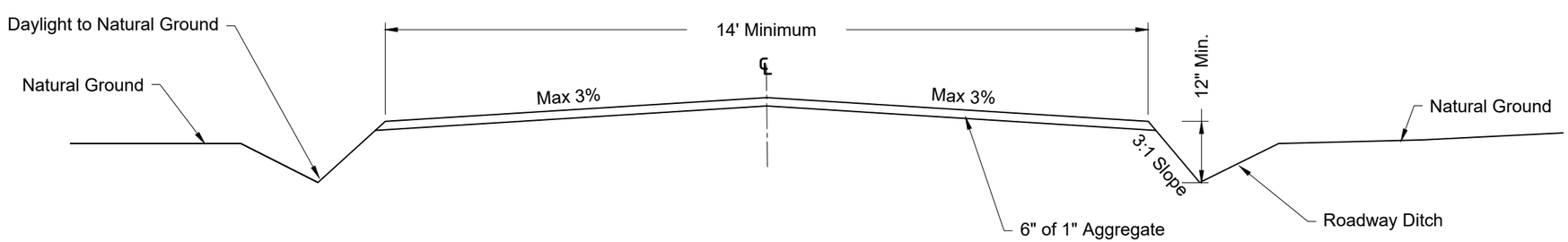


EXISTING OUTSLOPED ROAD CROSS SECTION
RECONDITION AS STAKED

NOT TO SCALE

632	MP 2.3 - MP 6.0
638	MP 0.0 - MP 8.35
638G	MP 0.0 - MP .82

NOTE:
Oversize Material Generated During 303 (Road Reconditioning)
Shall Be Sidecast And or Removed To a Stockpile Location at Site # 24



632 MP 0.0 - 2.3
EXISTING TYPICAL ROAD CROSS SECTION
RECONDITION AS STAKED

NOT TO SCALE

United States Department of Agriculture
Forest Service

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PROJECT NAME
CAPULIN ROADS RECONSTRUCTION

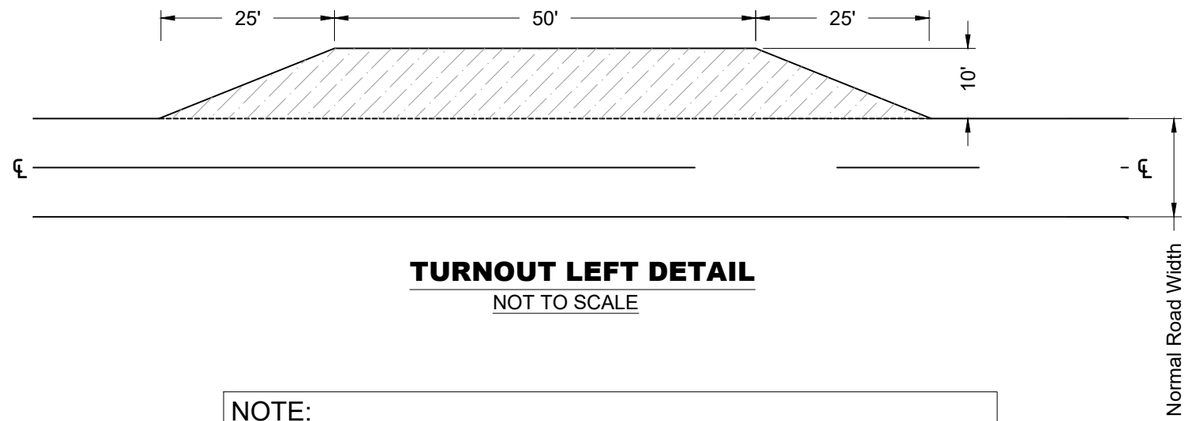
SANTA FE NATIONAL FOREST

PECOS_LAS VEGAS RANGER DISTRICT

DRAWING TITLE
ROAD TEMPLATE DETAILS

DATE 5/15/26
ARCHIVE NO.
DESIGNER G. MILLER
DRAWN T.FLORES
CHECKED M. DE LA CRUZ
PROJECT NO.
DRAWING SHEET NO. **DT-15**
SHEET 15 OF 18

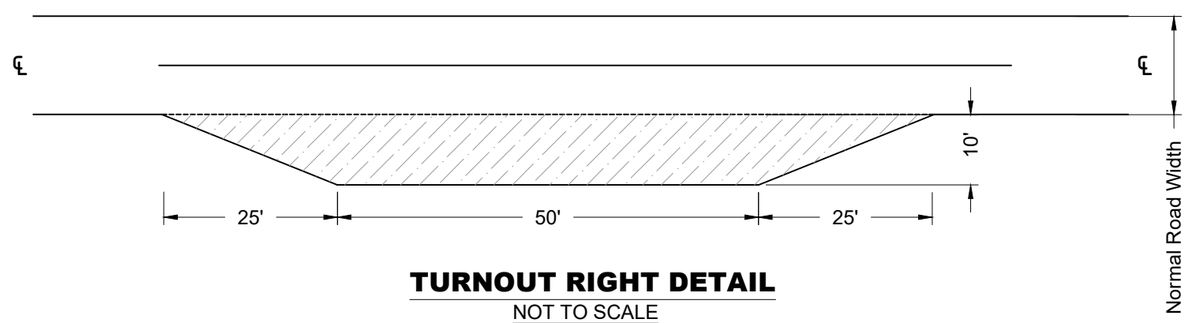
5/18/26 13:17 TCFLORES D:\SANTA FE FIRE RESTORATION\CAPULIN.DWG;



TURNOUT LEFT DETAIL

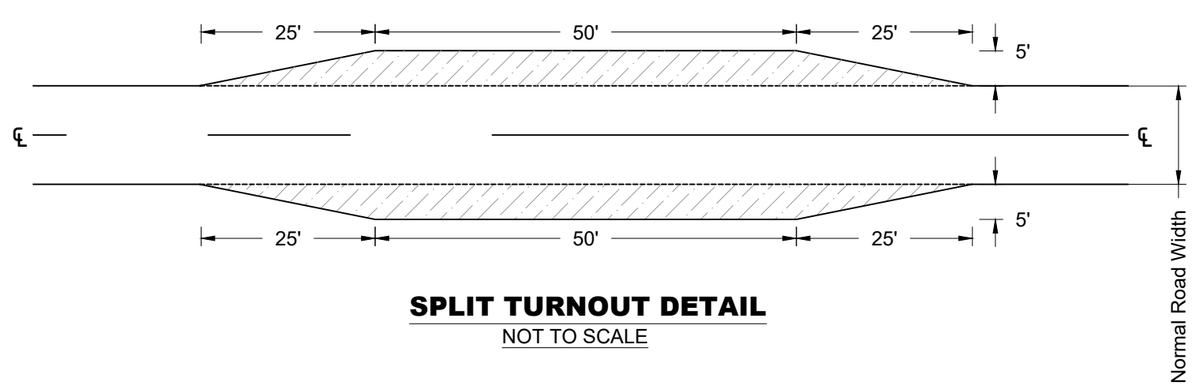
NOT TO SCALE

NOTE:
Construct Turnouts at ≈ 1000' Spacing or as Staked By FS.



TURNOUT RIGHT DETAIL

NOT TO SCALE



SPLIT TURNOUT DETAIL

NOT TO SCALE

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STAMPS, LOGOS, AND SEALS

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CAPULIN ROADS RECONSTRUCTION

SANTA FE NATIONAL FOREST

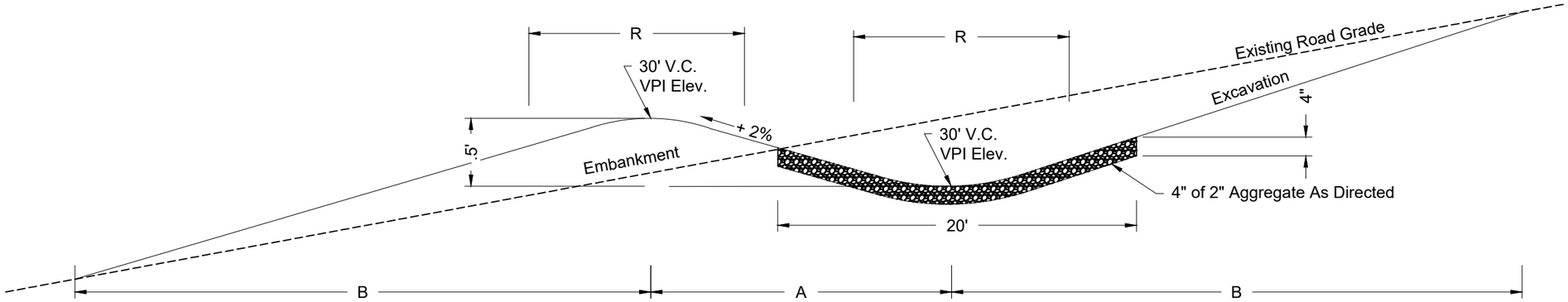
PECOS_LAS VEGAS RANGER DISTRICT

DRAWING TITLE

ROAD TURNOUTS DETAIL

DATE 5/18/26	ARCHIVE NO.
DESIGNER G.MILLER	DRAWING SHEET NO. DT-16
DRAWN T.FLORES	
CHECKED M. DE LA CRUZ	
PROJECT NO.	SHEET 16 OF 18

5/18/26 10:38 TCFLORES D:\SANTA FE FIRE RESTORATION\CAPULIN.DWG;

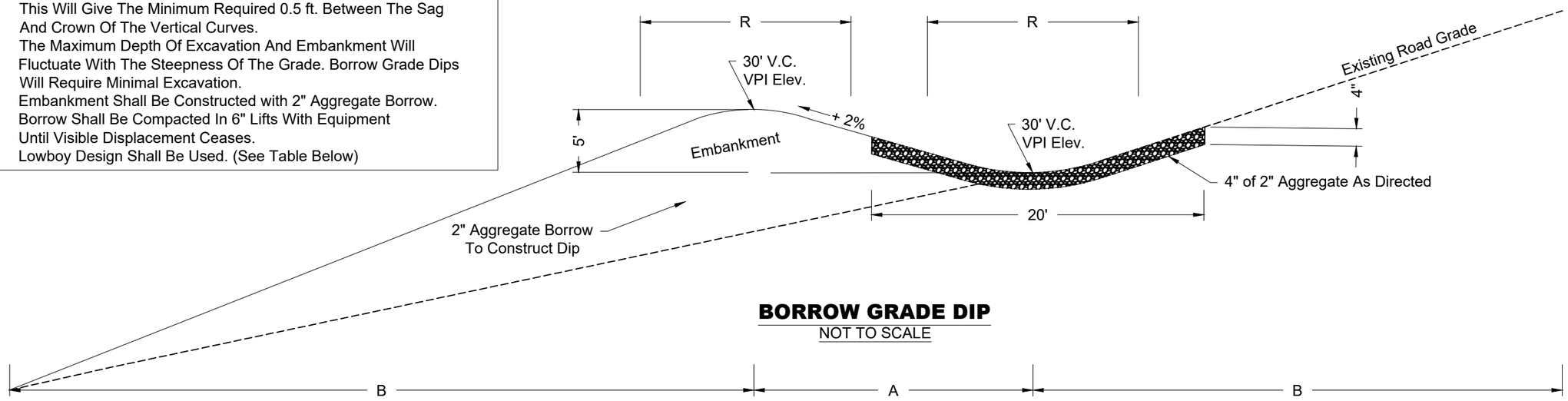


GRADE DIP

NOT TO SCALE

NOTES:

1. The Minimum Difference In Elevation Between VPI'S Is 1.5 ft. This Will Give The Minimum Required 0.5 ft. Between The Sag And Crown Of The Vertical Curves.
2. The Maximum Depth Of Excavation And Embankment Will Fluctuate With The Steepness Of The Grade. Borrow Grade Dips Will Require Minimal Excavation.
3. Embankment Shall Be Constructed with 2" Aggregate Borrow.
4. Borrow Shall Be Compacted In 6" Lifts With Equipment Until Visible Displacement Ceases.
5. Lowboy Design Shall Be Used. (See Table Below)



BORROW GRADE DIP

NOT TO SCALE

GRADE	LOWBOY				GRADE	LOG TRUCK				GRADE	4X4 (FIRE ENGINE)			
%	LENGTH	TAPER	ROUNDING		%	LENGTH	TAPER	ROUNDING		%	LENGTH	TAPER	ROUNDING	
	A(ft)	B(ft)	%	R(ft)		A(ft)	B(ft)	%	R(ft)		A(ft)	B(ft)	%	R(ft)
0-5	30	30	7	30	0-5	20	25	10	20	0-5	10	15	19	10
6-9	30	50	7	30	6-9	20	40	10	20	6-9	10	20	19	10
10-12	30	60	7	30	10-12	20	50	10	20	10-12	10	10	19	10
				15					15					5

NOTES:

1. Minimum Cross Slope Of Drainline 2% Min. And 4% Max.
2. Skew Of Drainline Shall Be 0-25 Degrees.
3. When RipRap Is Specified At Outlet, It Shall Be Shaped To Assure Water Goes Onto RipRap, Not Around. Instrument Shall Be Used To Determine Low Point.
4. RipRap Top Elevation Shall Be At Top Of Finished Outlet Grade, Not Subgrade.
5. Taper Lengths Shall Be Within 10% Of Listed Lengths.

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CAPULIN ROADS RECONSTRUCTION

SANTA FE NATIONAL FOREST

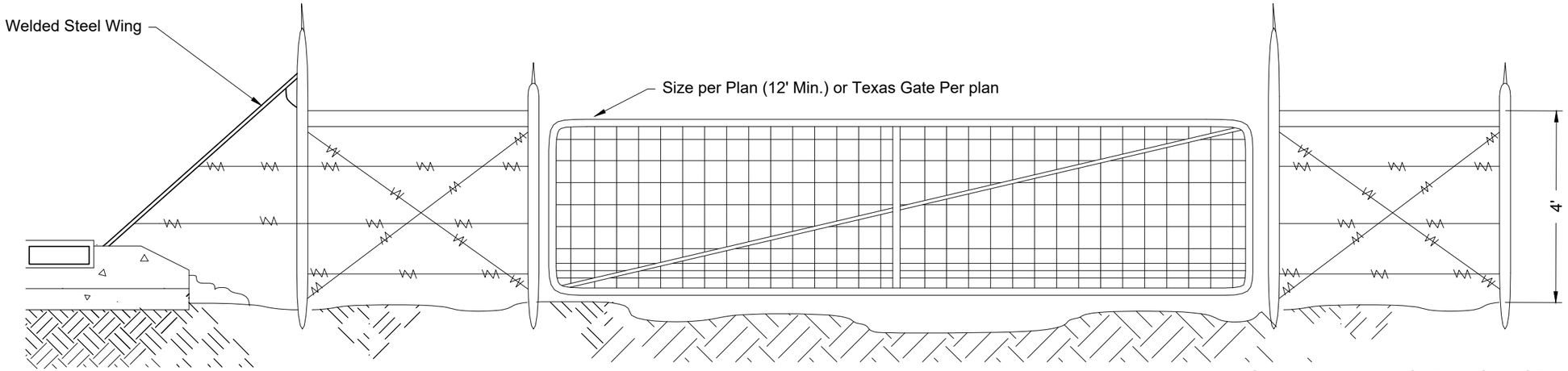
PECOS_LAS VEGAS RANGER DISTRICT

DRAWING TITLE

GRADE DIP DETAILS

DATE 5/18/26
ARCHIVE NO.
DESIGNER G. MILLER
DRAWN T.FLORES
CHECKED M. DE LA CRUZ
PROJECT NO.
DRAWING SHEET NO. **DT-17**
SHEET 17 OF 18

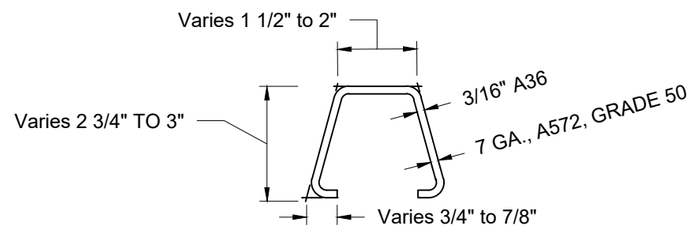
5/18/26 10:38 TCFLORES D:\SANTA FE FIRE RESTORATION\CAPULIN.DWG;



GATE DETAIL ELEVATION

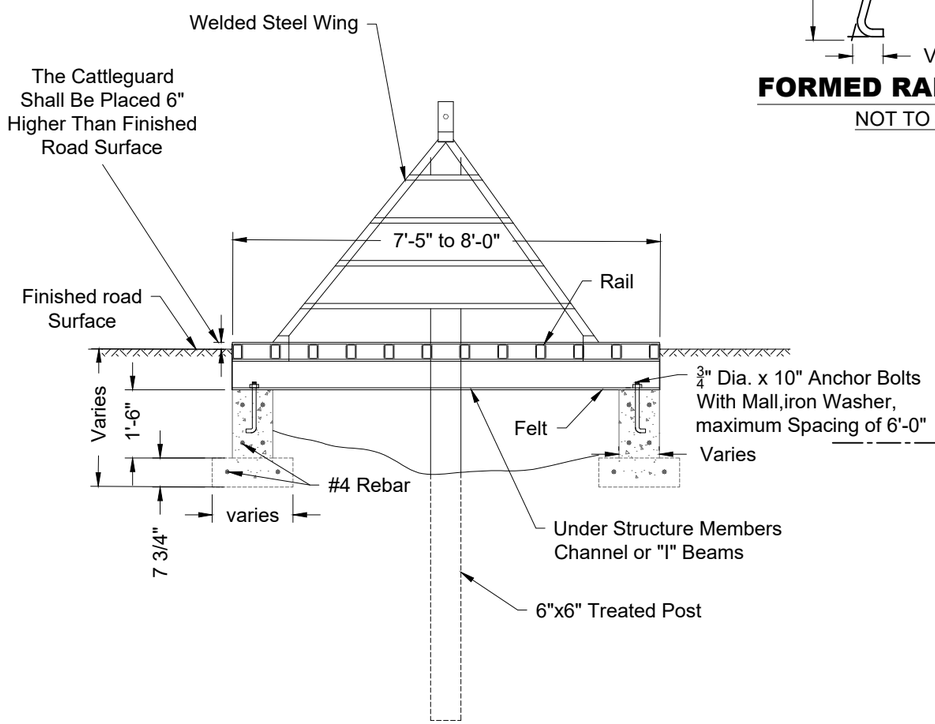
NOT TO SCALE

Gate May be Located On Either Side of Road.
If Gate Is Placed On Lower Side of Road
The Road Level At The Gate Must Be As Low
Or Lower Than The Ground Level Under The
Cattleguard



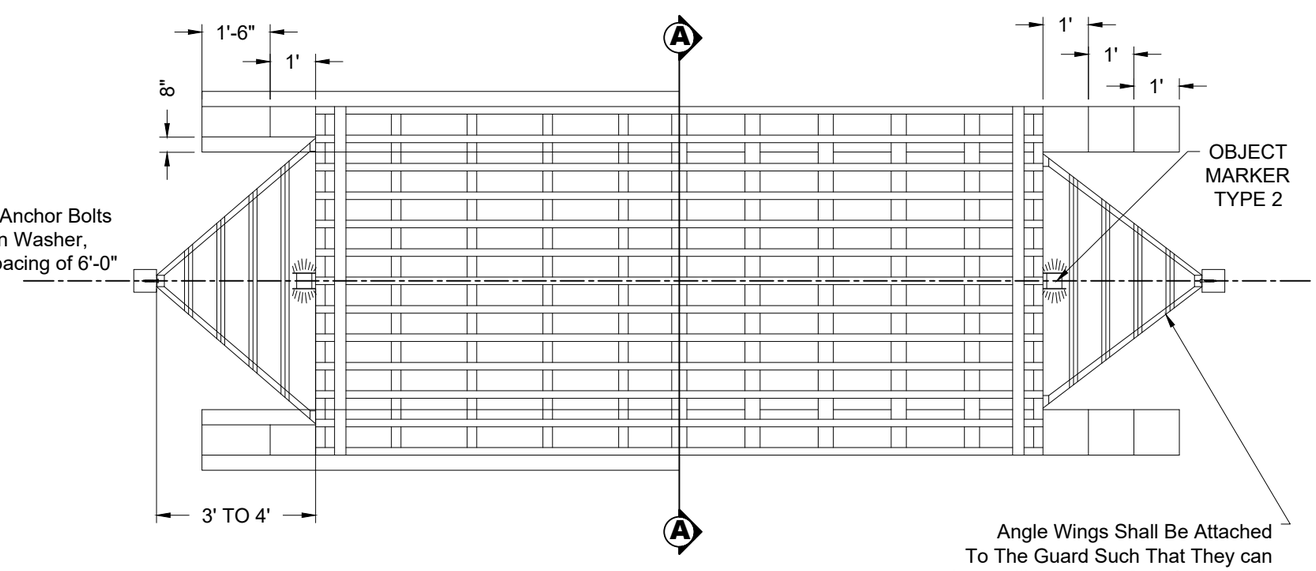
FORMED RAIL SECTION

NOT TO SCALE



CATTLEGUARD SECTION A-A

NOT TO SCALE



Angle Wings Shall Be Attached
To The Guard Such That They can
be readily removed And Re-installed

CATTLEGUARD PLAN VIEW

NOT TO SCALE

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CAPULIN ROADS RECONSTRUCTION

SANTA FE NATIONAL FOREST

PECOS_LAS VEGAS RANGER DISTRICT

DRAWING TITLE

CATTLEGUARD AND GATE DETAILS

DATE 5/18/26	ARCHIVE NO.
DESIGNER G.MILLER	DRAWING SHEET NO. DT-18
DRAWN T.FLORES	
CHECKED M. DE LA CRUZ	
PROJECT NO.	SHEET 18 OF 18

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