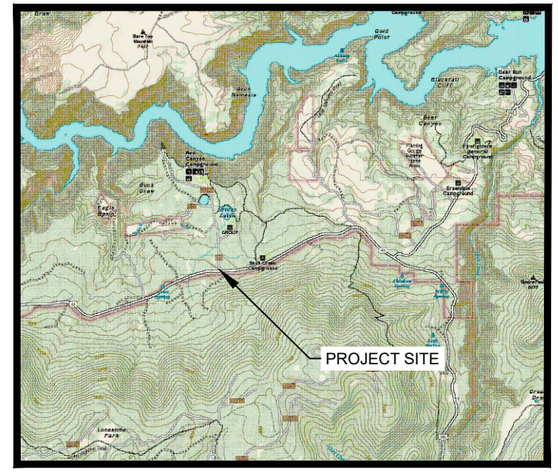
United States Department of Agriculture
Forest Service

UTAH
DAGGETT COUNTY
R-4 INTERMOUNTAIN REGION
ASHLEY NATIONAL FOREST
FLAMING GORGE RANGER DISTRICT

RED CANYON CORRIDOR PAVING

FOREST LOCATION



VICINITY MAP

SCOPE OF CONTRACT

THIS PROJECT INVOLVES IMPROVING DRAINAGE ISSUES AND RESURFACING THE RED CANYON ROAD AND GREEN'S LAKE CAMPGROUND ROAD WITHIN THE ASHLEY NATIONAL FOREST. THE WORK INCLUDES CONSTRUCTING DUMPSTER PADS, INSTALLING NECESSARY SIGNAGE, AND RE-ORIENTING CAMPING SPURS. THE PROJECT REQUIRES THE INSTALLATION OF NEW CULVERTS, CLEANING EXISTING CULVERTS, CONSTRUCTING NEW ASPHALT SPURS, INSTALLING WHEEL STOPS, LINE STRIPING, AND BARRIER ROCKS.

PROJECT LOCATION

THE PROJECT IS LOCATED ON THE FLAMING GORGE RANGER DISTRICT OF THE ASHLEY NATIONAL FOREST IN DAGGETT COUNTY. THE PROJECT MAY BE REACHED FROM THE FOLLOWING DIRECTIONS:

FROM THE CITY OF VERNAL, UT, HEAD NORTH ON US-191 FOR 33 MILES, THEN CONTINUE STRAIGHT ONTO US-44 N. IN 3.4 MILES TURN RIGHT ONTO NFSR 095/RED CANYON ROAD. PROJECT BEGINS AT THE INTERSECTION WITH US-44 AND RED CANYON ROAD.

FROM THE CITY OF MANILLA, UT, HEAD SOUTH ON UT-44 FOR 24.5 MILES, THEN TURN LEFT ONTO NFSR 095/RED CANYON ROAD.

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33	D8	SIGN LIST AND INSTALLATION DETAILS
34	D9	CATTLEGUARD DETAILS
35	D10	BARRIER ROCK AND WHEEL STOP INSTALLATION DETAILS
36	D11	DUMPSTER PAD DETAILS

APPROVED:

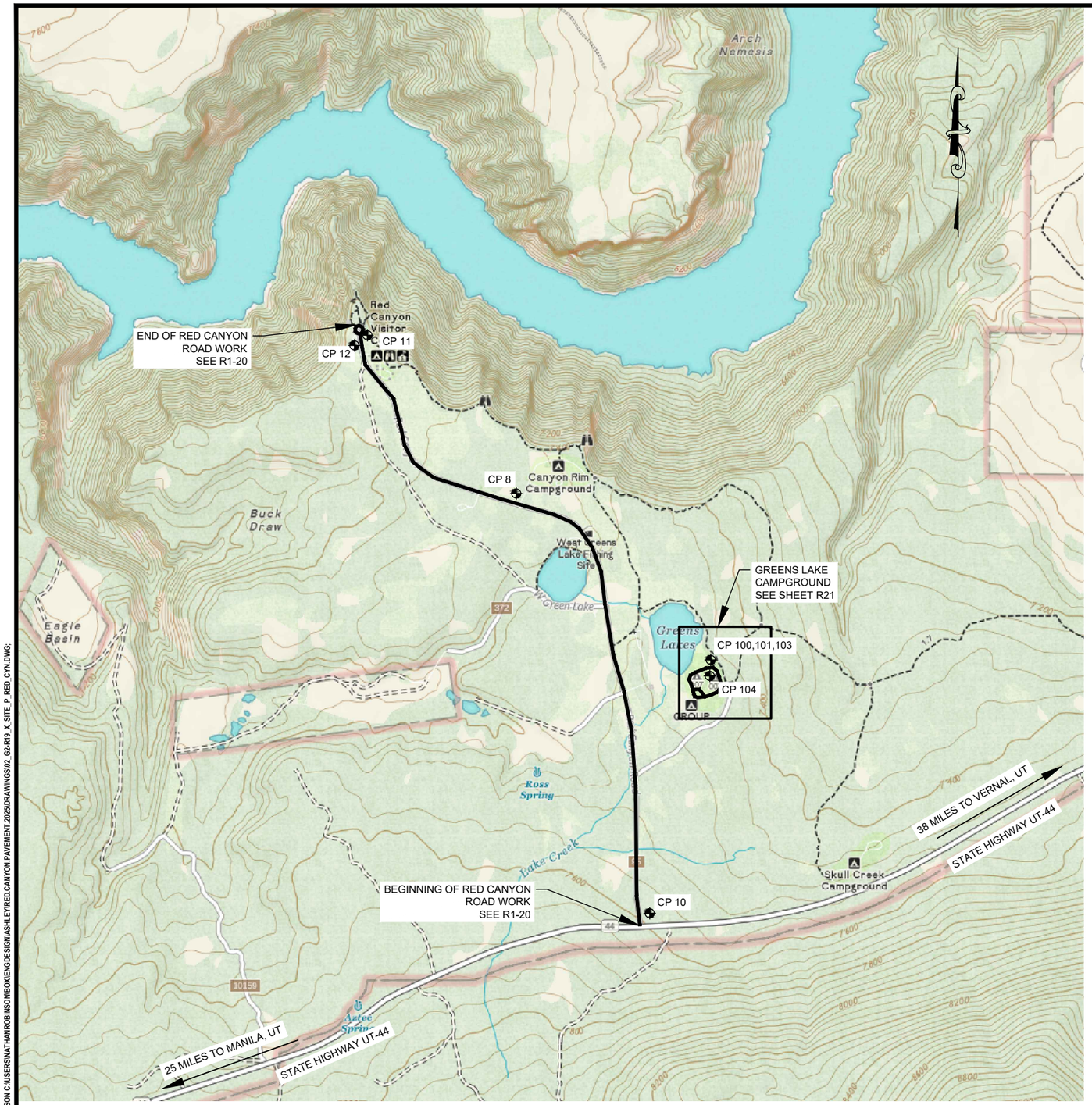
DIRECTOR OF ENGINEERING — DATE

FOREST SUPERVISOR — DATE

RECOMMENDED:

FOREST ENGINEER — DATE

DISTRICT RANGER — DATE



(NOT TO SCALE)

POINT TABLE

CONTROL POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
8	3487136.07	2179578.44	7476.35	CP REBAR
10	3479377.40	2182112.65	7595.21	CP ALUM CAP
11	3490070.06	2176629.57	7408.33	CP REBAR
12	3489701.67	2176474.18	7416.33	CP REBAR
13	3485560.05	2181308.54	7450.49	Cp
20	3485507.03	2179717.85	7426.70	cp
100	3484096.66	2183155.18	7459.44	CP ALUM CAP
101	3484174.57	2183241.94	7457.64	CP ALUM CAP
103	3484031.84	2183273.46	7461.63	CP MAGNAIL STUMP
104	3483808.50	2183236.27	7468.04	CP ALUM CAP

NOTES:

1. ALL ROAD WORK IS TO FOLLOW EXISTING ALIGNMENT
2. ALL CULVERTS INSTALLED SHALL FOLLOW ORIGINAL ALIGNMENT UNLESS DIRECTED OTHERWISE
3. CONTOUR LINES ARE 1' AND 5'
4. TREES ON RED CANYON ROAD SHEETS NOT SHOWN FOR CLARITY
5. ROAD SHOULDERS NOT SHOWN FOR CLARITY.
6. THE CONTRACTOR SHALL PROOF ROLL PRIOR TO PLACING AGGREGATE SURFACE COURSE. PROOF ROLLING SHALL BE PERFORMED BY PASSING MODERATELY LOADED RUBBER TIRE CONSTRUCTION EQUIPMENT UNIFORMLY OVER THE SURFACE AT LEAST TWICE. NOTIFY COR IF EXCESSIVELY LOOSE OR SOFT AREAS ARE ENCOUNTERED DURING PROOF ROLLING.
7. CONTRACTOR MAY STOCKPILE AND REUSE ASPHALT MILLINGS AS BASE COURSE MATERIAL THROUGHOUT PROJECT. NO MATERIAL LARGER THAN 1 $\frac{1}{2}$" SHALL BE WITHIN THE TOP 2" OF BASE COURSE MATERIAL.
8. ALL ASPHALT INTERSECTIONS ARE INCLUDED IN WORK 50' FROM CENTERLINE OF RED CANYON ROAD.
9. INTERSECTION ROAD NUMBERS AND EXISTING SURFACE TYPE ARE SHOWN FOR CLARITY.
10. CONTRACTOR SHALL CONSTRUCT SMOOTH TRANSITIONS BETWEEN ALL ROADWAY GRADES.
11. ALL UTILITY CROSSINGS ARE APPROXIMATE AND SHALL BE LOCATED BY CONTRACTOR BEFORE WORK BEGINS.

KEY:

NEW ASPHALT - 3" DEPTH BASE COURSE WITH COMPACTED 3" HOT MIX ASPHALT

NEW ASPHALT - OVER EXCAVATE 6" DEPTH BASE COURSE WITH COMPACTED 3" HOT MIX ASPHALT

CONTROL POINT

United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

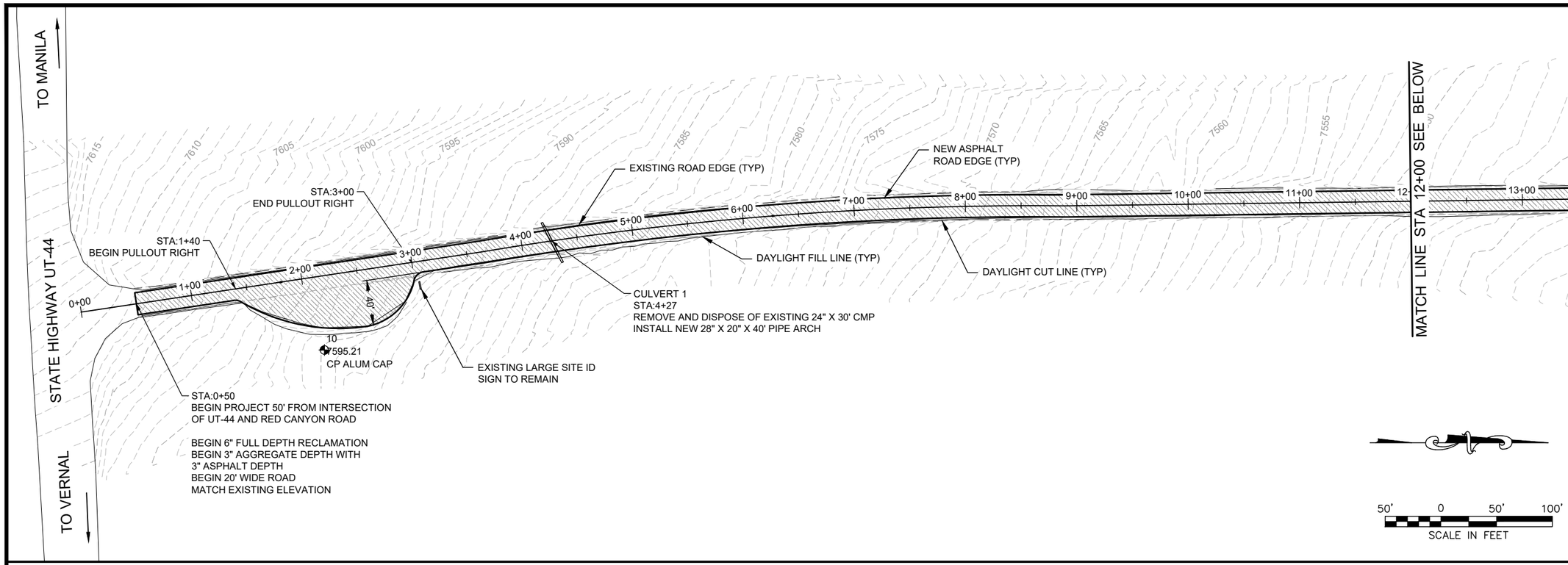
FLAMING GORGE RANGER DISTRICT

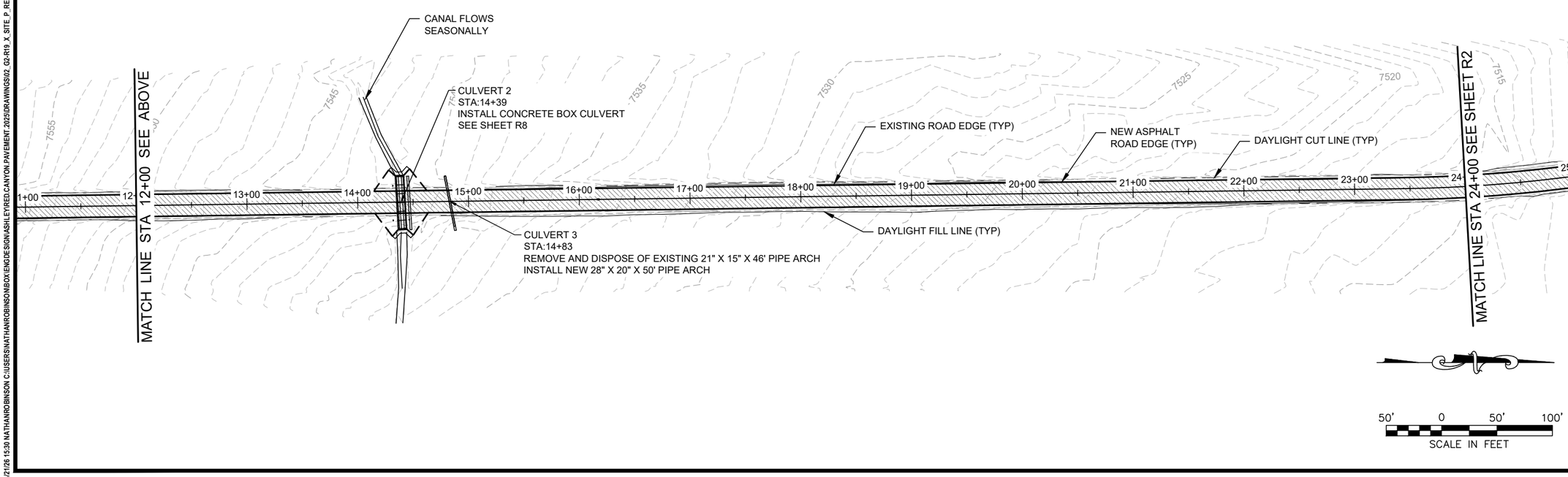
DRAWING TITLE

VICINITY MAP AND GENERAL NOTES

DATE
ARCHIVE NO.
DESIGNER N.ROBINSON
DRAWN N.ROBINSON
CHECKED R.ANDERSON
PROJECT NO.
DRAWING SHEET NO. G2
SHEET 2 OF 36

4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSONBOX\ENGDESIGN\ASHLEYRED.CANYON.PAVEMENT.2025\DRAWINGS\02_G2-R19_X_SITE_P_RED_CYN.DWG;





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RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

STA 0+00-24+00

DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. R1
DRAWN N.ROBINSON	
CHECKED R.ANDERSON	
PROJECT NO.	SHEET 3 OF 36

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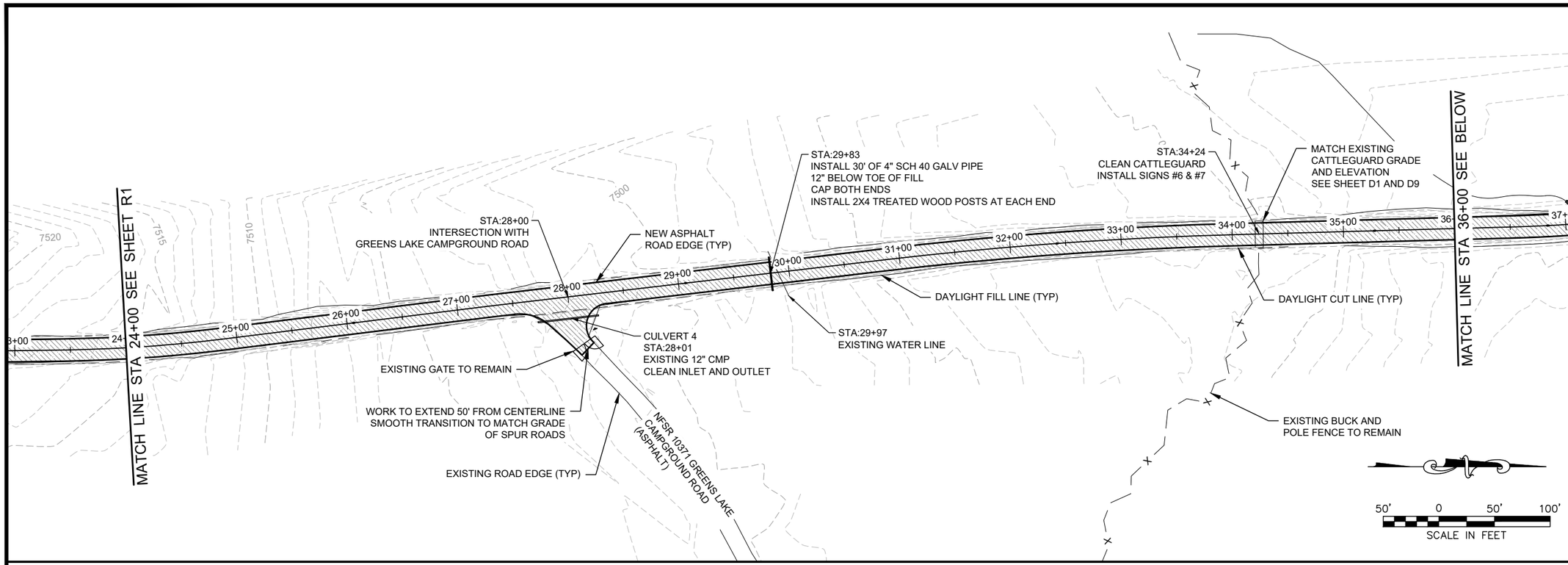

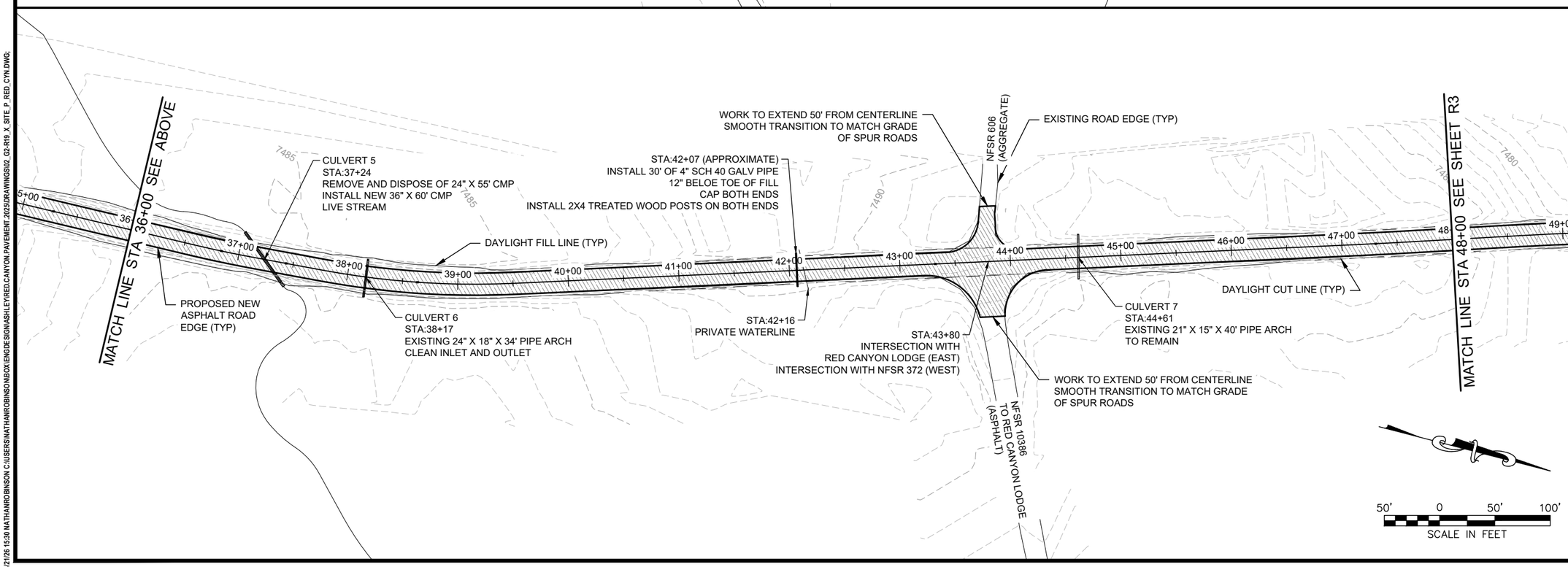

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Forest Service

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RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

STA 24+00-48+00

DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. R2
DRAWN N.ROBINSON	
CHECKED R.ANDERSON	
PROJECT NO.	SHEET 4 OF 36

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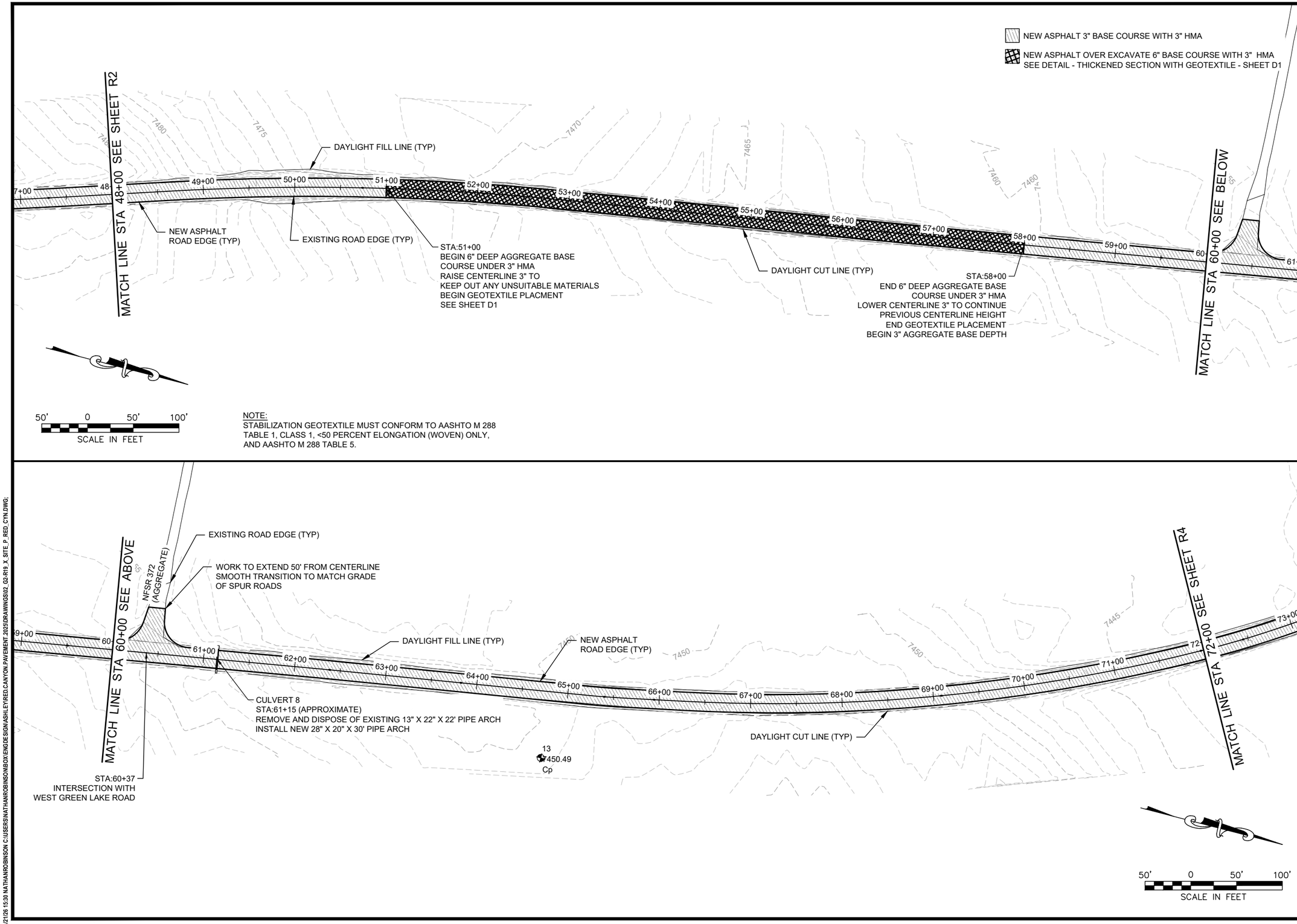

United States Department of Agriculture
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RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

STA 48+00-72+00

DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. R3
DRAWN N.ROBINSON	
CHECKED R.ANDERSON	
PROJECT NO.	SHEET 5 OF 36

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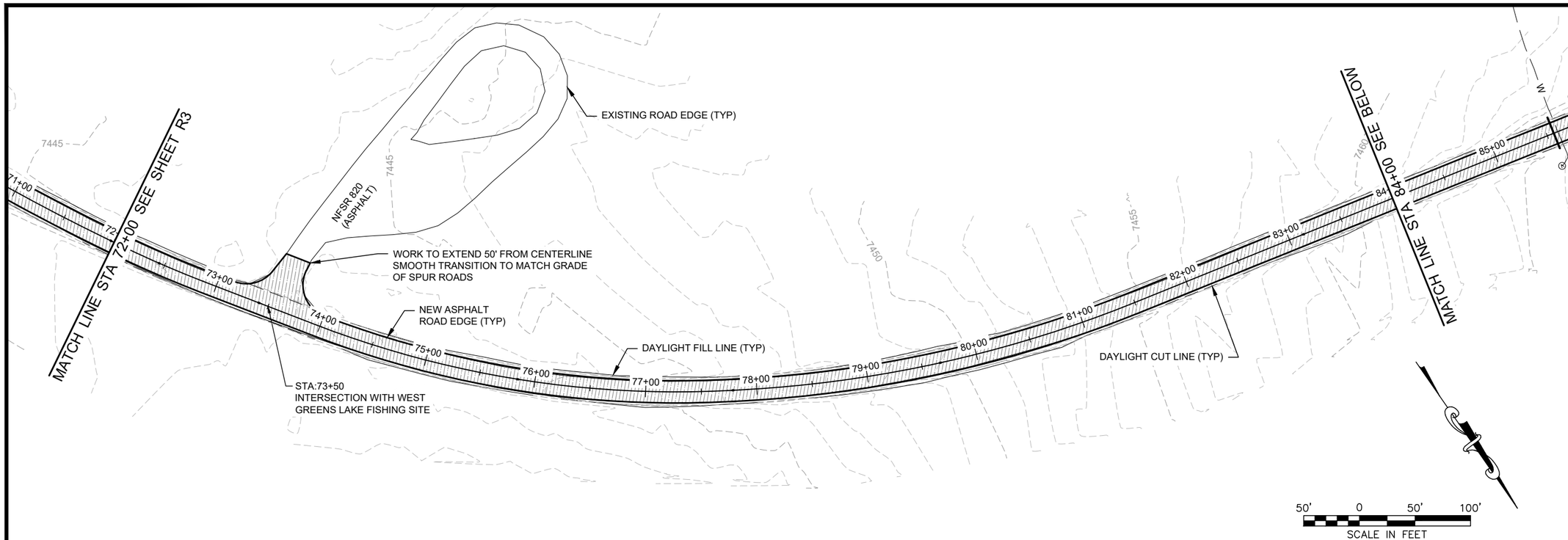

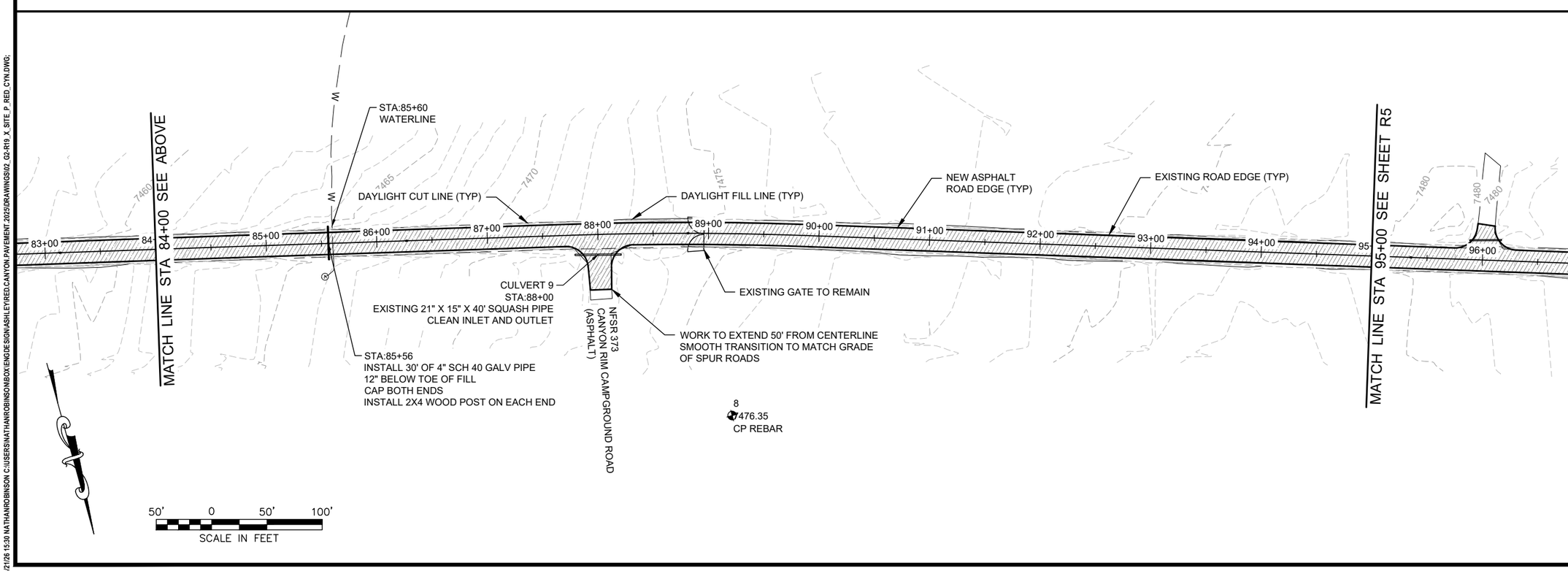

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RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

STA 72+00-95+00

DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. R4
DRAWN N.ROBINSON	
CHECKED R.ANDERSON	
PROJECT NO.	SHEET 6 OF 36

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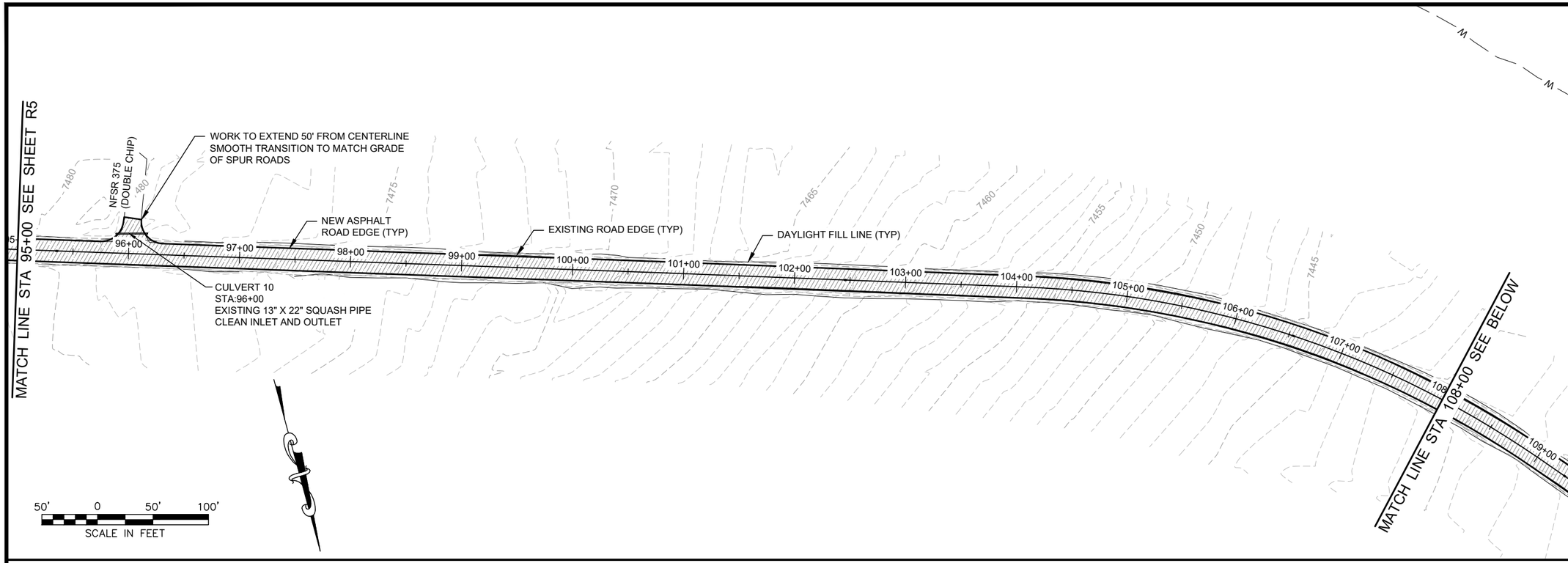

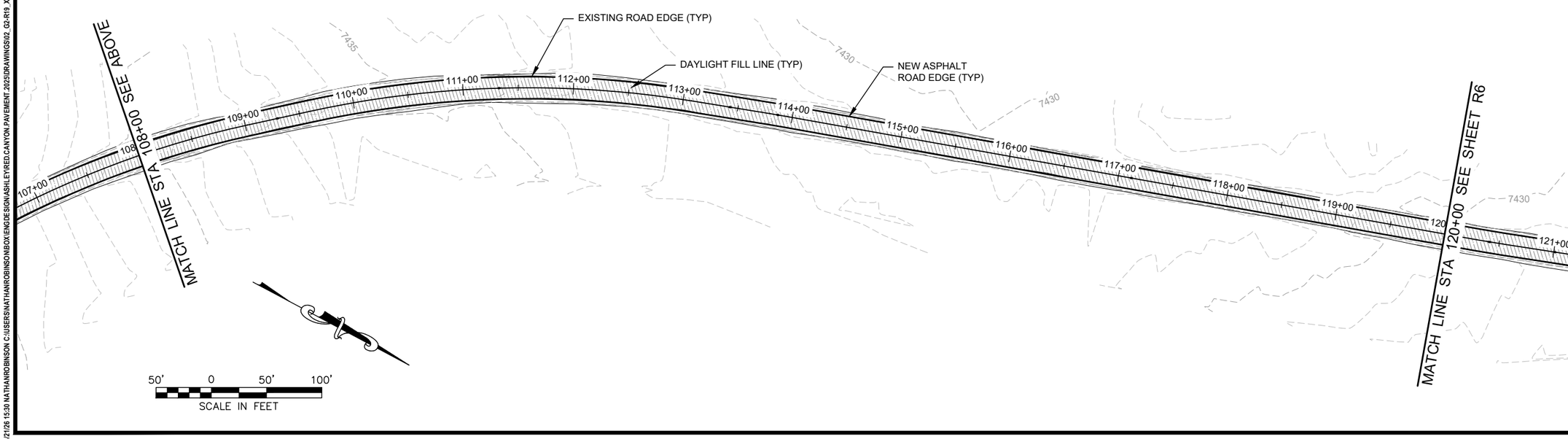

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PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

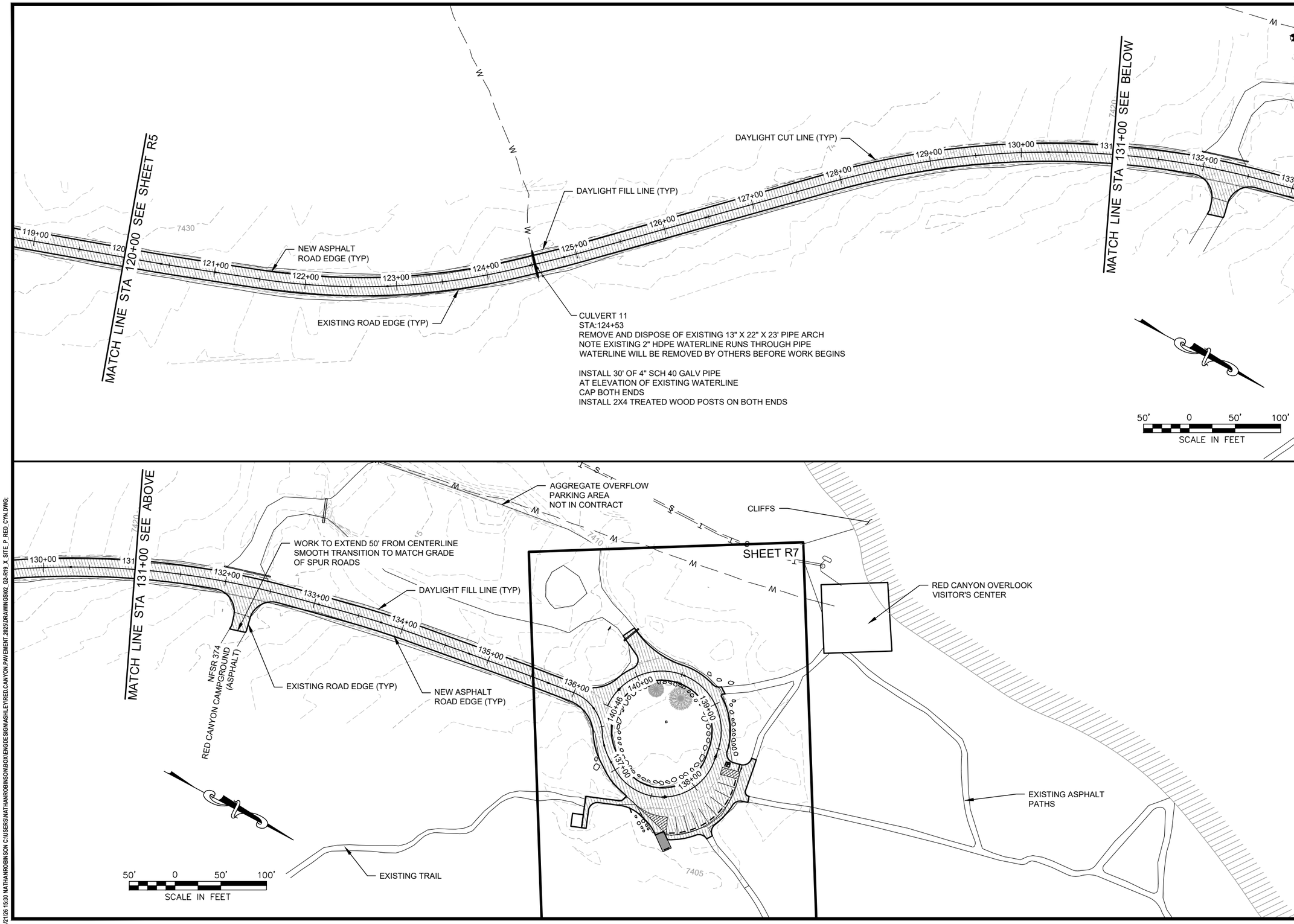
FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

STA 96+00-120+00

DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. R5
DRAWN N.ROBINSON	
CHECKED R.ANDERSON	
PROJECT NO.	SHEET 7 OF 36

4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\02. G2-R19_X_SITE_P_RED. CYN.DWG;



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RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

STA 120+00-END

DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. R6
DRAWN N.ROBINSON	
CHECKED R.ANDERSON	
PROJECT NO.	SHEET 8 OF 36

4/21/25 15:30 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\02_Q2-R19_X_SITE_P_RED_CYN.DWG;

EXISTING ASPHALT PATH (TYP)

EXISTING CONCRETE PATH

MATCH ELEVATIONS OF PATHS (TYP)

R5'

INSTALL ACCESSIBLE PARKING SIGNS #5A & B ON A STEEL BREAKAWAY POST SEE SHEET D7 AND D8

MATCH ELEVATION TO EXISTING CONCRETE PATH (TYP)

PAINT ACCESSIBLE PARKING STALL SEE SHEET D6

R10' (TYP)

INSTALL CURB STOPS SEE DETAIL SHEET D10

R2'

2%

139+00

PAINT DIRECTIONAL ARROWS (TYP) SEE SHEET D6

2%

2%

MIN 1%

138+00

PAINT LINE STRIPING SEE DETAIL SHEET D6

EXISTING BARRIER ROCKS TO REMAIN

EXISTING ROAD EDGE (TYP)

EXISTING BARRIER ROCK (TYP) MOVE BARRIER ROCKS AS NEEDED TO MAINTAIN 4' SEPARATION BETWEEN EDGE OF ROAD AND BARRIER ROCKS

CONSTRUCT LOW POINT TO FLOW TOWARDS RESTROOMS

CONSTRUCT 15'X10' CONCRETE DUMPSTER PAD SEE DETAIL SHEET D11

PROPOSED NEW ROAD EDGE (TYP)

R100'

2%

2%

EXISTING FLAG POLE TO REMAIN

CULVERT 13 (APPROXIMATE LOCATION) REMOVE AND DISPOSE OF EXISTING 12" X 20' CMP INSTALL NEW 18" X 20' CMP

STA: 136+69 INTERSECTION WITH OVERFLOW PARKING AREA

R60'

STRIPE AREA 4" WIDE WHITE STRIPES AT 2' SPACING

MATCH EXISTING ELEVATION

2%

140+00

STRIPE NO PARKING WORDS 12" TALL X 124" LONG SEE SHEET D6

SITE ID SIGN TO REMAIN

R65'

2%

INSTALL ONE WAY SIGN #1 SEE SHEET D8

RELOCATE EXISTING BARRIER ROCKS TO BORDER EDGE OF ASPHALT SEE DETAIL SHEET D10

R10'

INSTALL DO NOT ENTER SIGN SIGN #3 SEE SHEET D8

137+00

140+46

R5'

EXISTING TRAIL SIGN TO REMAIN

20' (TYP)

2%

5' (TYP)

R40'

R65'

R65'

R10'

CONSTRUCT NEW ASPHALT PATH TO RESTROOM MATCH ELEVATION OF RESTROOM BUILDING ENTRANCE SEE DETAIL SHEET D1

136+00

R40'

STA 136+50 BEGIN OUTSLOPE

EXISTING CXT RESTROOM

AGGREGATE OVERFLOW PARKING AREA (NOT IN CONTRACT)

11
7408.33
CP REBAR

EXISTING TRAIL

7405

15' 0 15' 30'
SCALE IN FEET

4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSON\BOXENG\DESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\02. G2-R19_X_SITE_P_RED_CYN.DWG;

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ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

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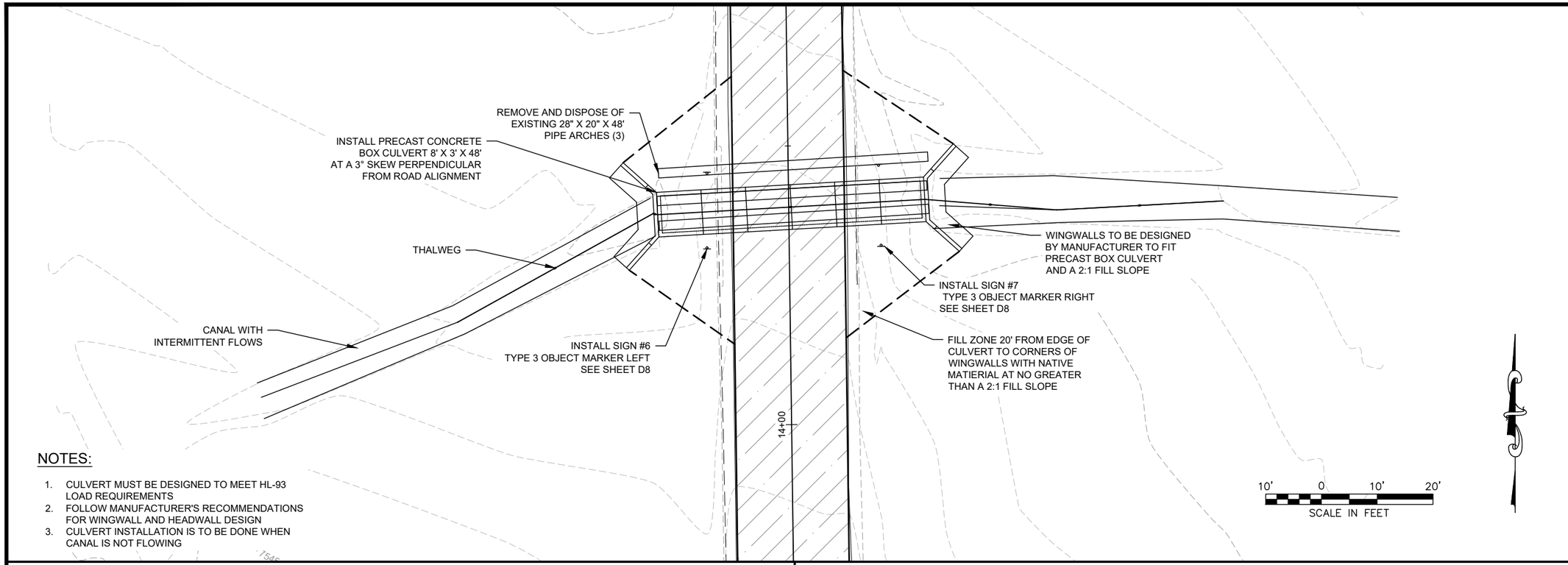
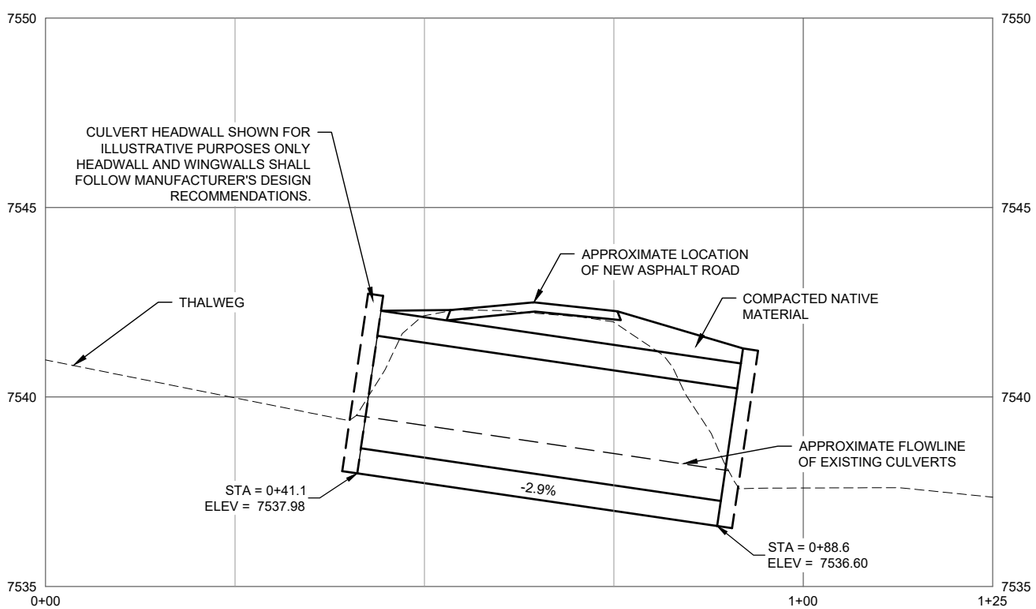
PARKING AREA SITE PLAN

DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. R7
DRAWN N.ROBINSON	
CHECKED R.ANDERSON	
PROJECT NO.	SHEET 9 OF 36



NOTES:

1. CULVERT MUST BE DESIGNED TO MEET HL-93 LOAD REQUIREMENTS
2. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR WINGWALL AND HEADWALL DESIGN
3. CULVERT INSTALLATION IS TO BE DONE WHEN CANAL IS NOT FLOWING



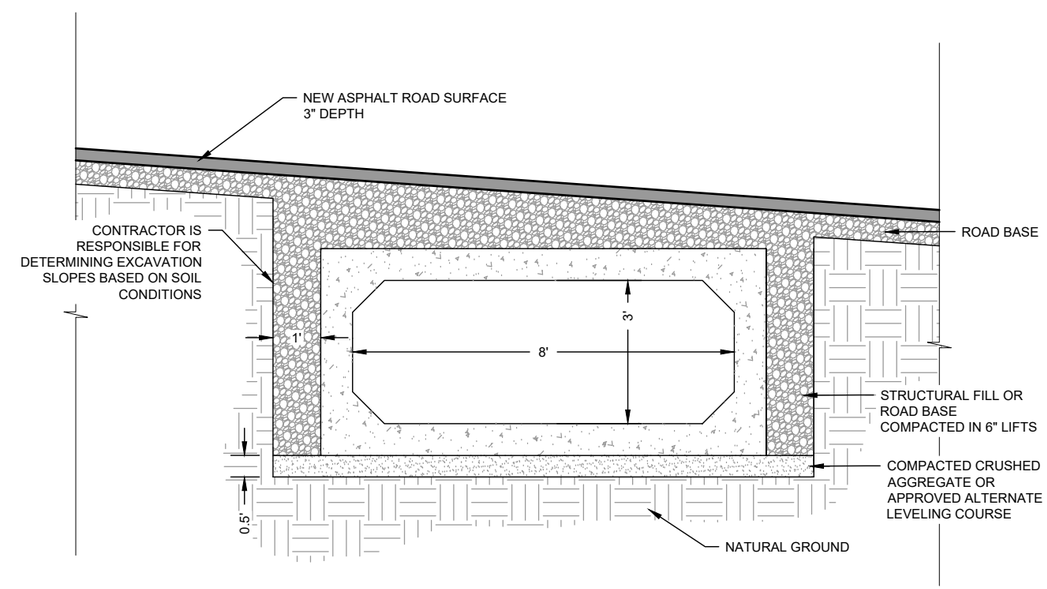
CONCRETE BOX CULVERT PROFILE

5X VERTICAL EXAGGERATION

10' 0 10' 20'

SCALE IN FEET

NOTE: WINGALLS ARE OMITTED FROM THIS VIEW FOR SIMPLICITY



CONCRETE BOX CULVERT TYPICAL CROSS SECTION

NOT TO SCALE

United States Department of Agriculture
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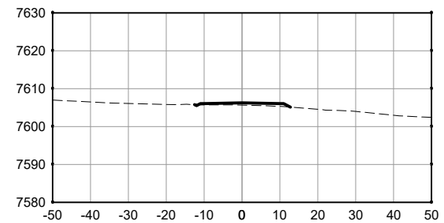
CONCRETE BOX CULVERT INSTALLATION

DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. R8
DRAWN N.ROBINSON	
CHECKED R.ANDERSON	
PROJECT NO.	SHEET 10 OF 36

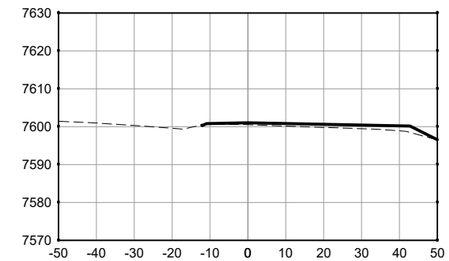
4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\02_G2-R19_X_SITE_P_RED_CYN.DWG;

SAMPLE

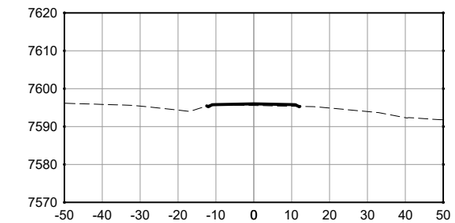
1+00



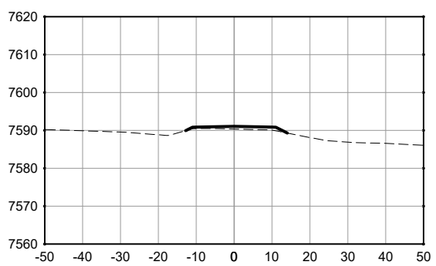
2+00



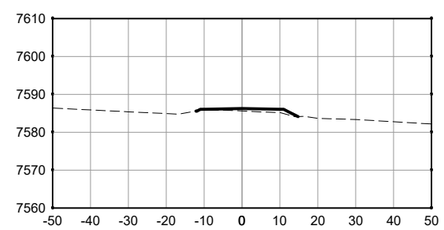
3+00



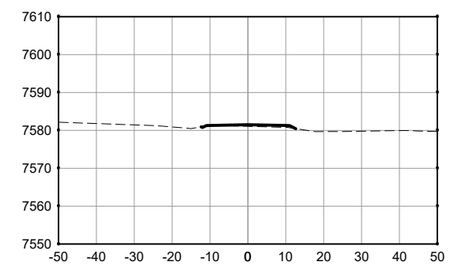
4+00



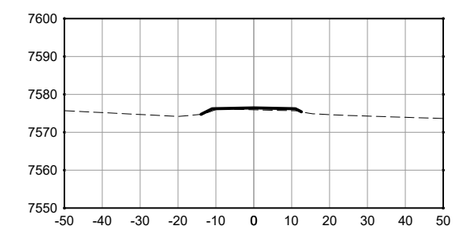
5+00



6+00



7+00



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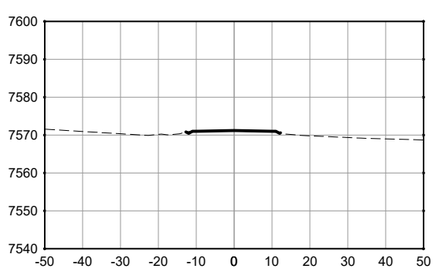

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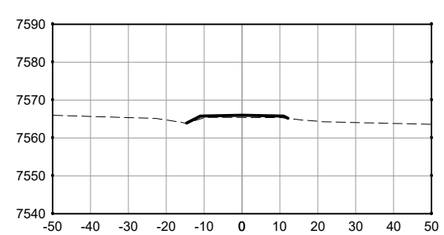

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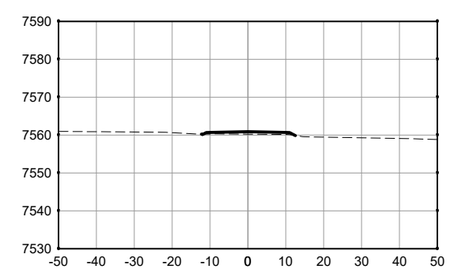

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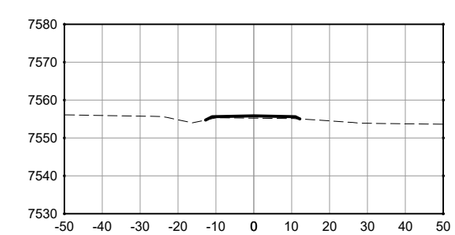
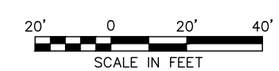




United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

CROSS SECTIONS STA 0+00-11+00

DATE

ARCHIVE NO.

DESIGNER **N.ROBINSON**

DRAWN **N.ROBINSON**

CHECKED **R.ANDERSON**

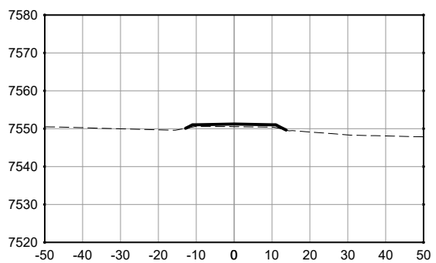
PROJECT NO.

DRAWING SHEET NO. **R9**

SHEET 11 OF 36

4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSONBOX\ENGDESIGN\ASHLEYRED.CANYON.PAVEMENT.2025\DRAWINGS\02_G2-R19_X_SITE_P_RED_CYN.DWG;

12+00



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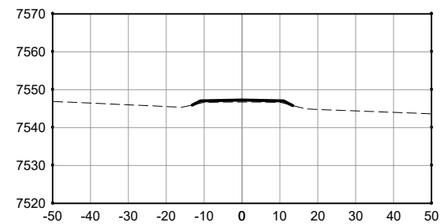

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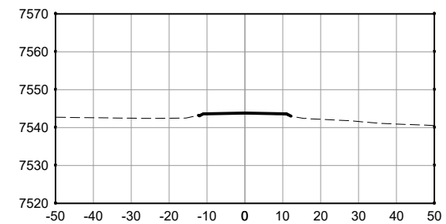

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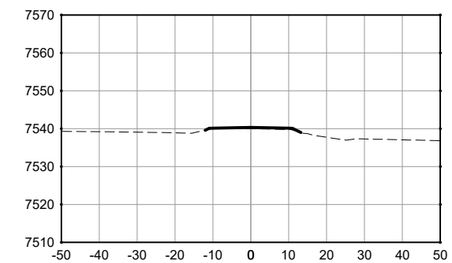

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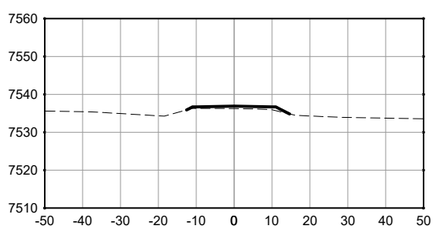

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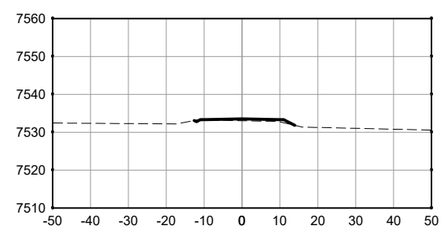

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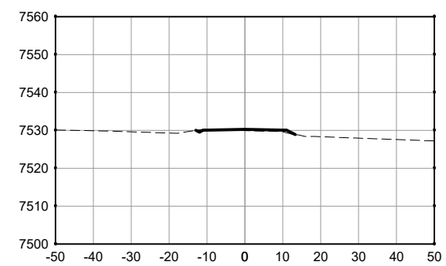

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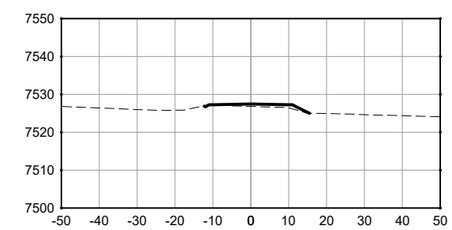

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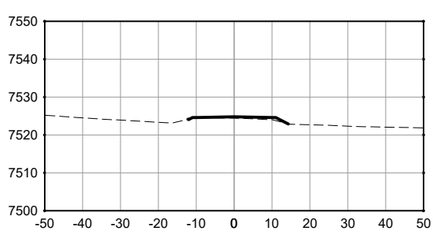

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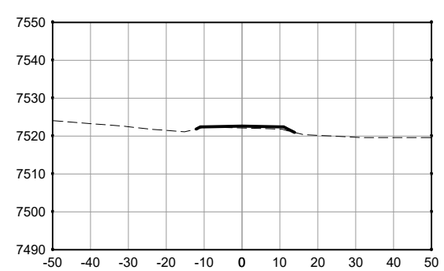

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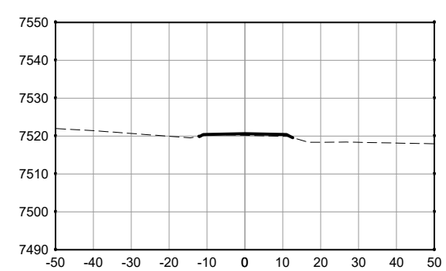

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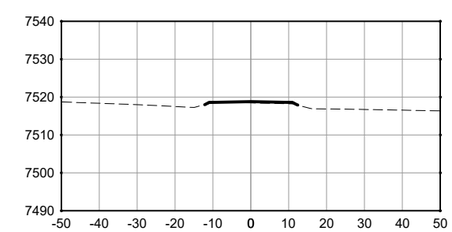


20' 0 20' 40'
SCALE IN FEET

United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

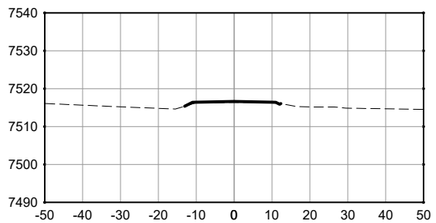
DRAWING TITLE

CROSS SECTIONS STA 12+00-23+00

DATE
ARCHIVE NO.
DESIGNER N.ROBINSON
DRAWN N.ROBINSON
CHECKED R.ANDERSON
PROJECT NO.
DRAWING SHEET NO. **R10**
SHEET 12 OF 36

4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSONBOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\02_G2-R19_X_SITE_P_RED_CYN.DWG;

24+00



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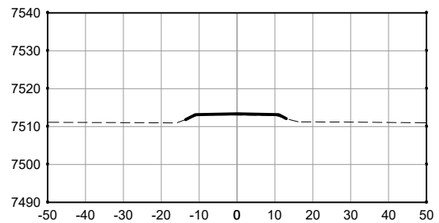

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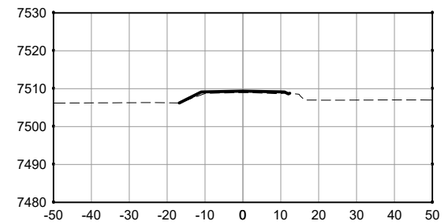

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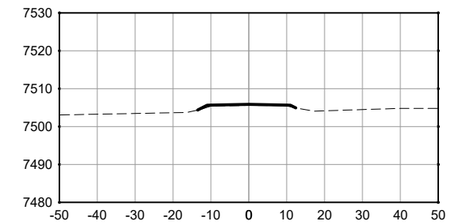

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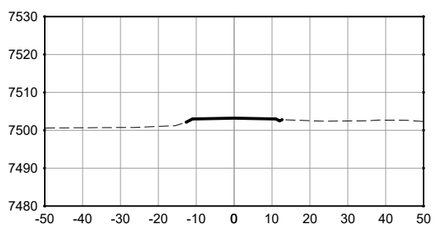

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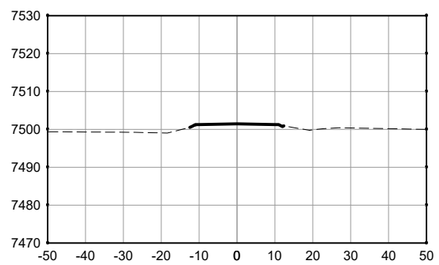

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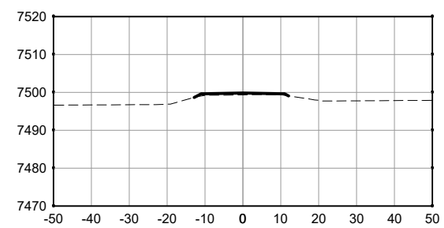

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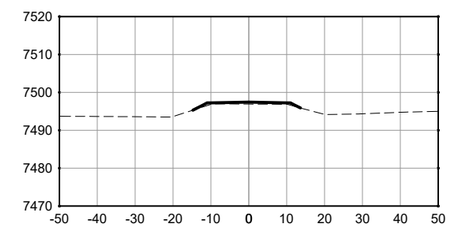

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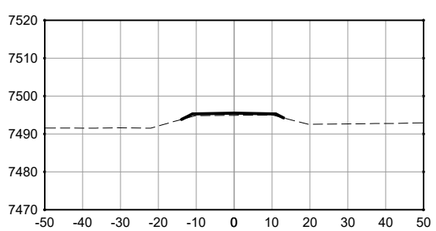

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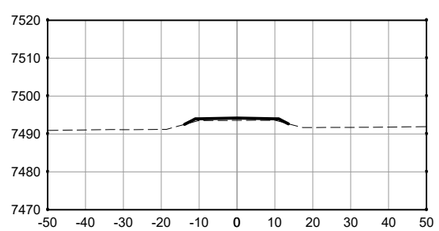

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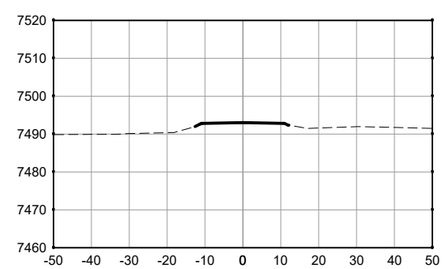

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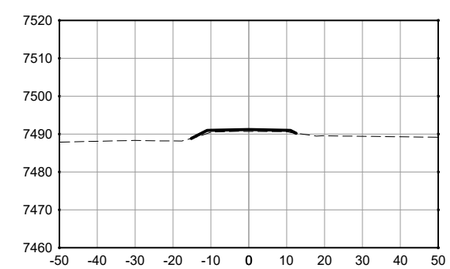


20' 0 20' 40'
SCALE IN FEET

United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

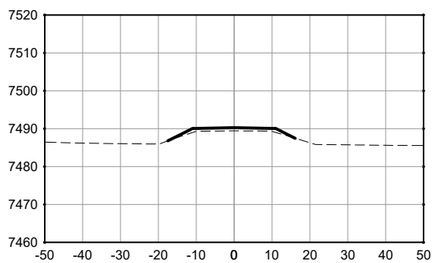
DRAWING TITLE

CROSS SECTIONS STA 24+00-35+00

DATE
ARCHIVE NO.
DESIGNER N.ROBINSON
DRAWN N.ROBINSON
CHECKED R.ANDERSON
PROJECT NO.
DRAWING SHEET NO. **R11**
SHEET 13 OF 36

4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\02_G2-R19_X_SITE_P_RED_CYN.DWG;

36+00



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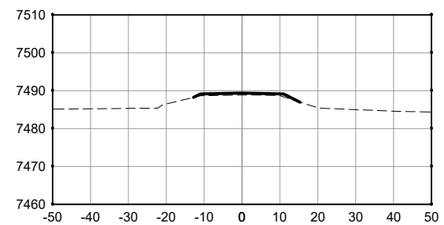

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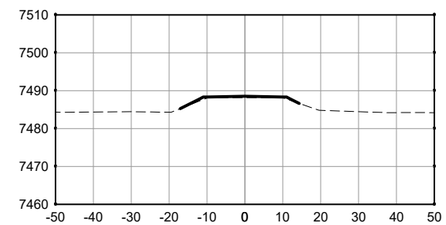

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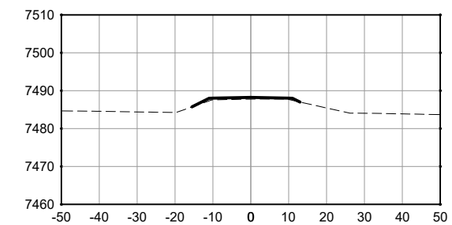

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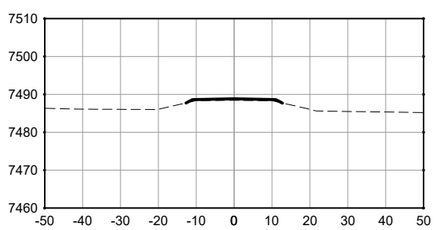

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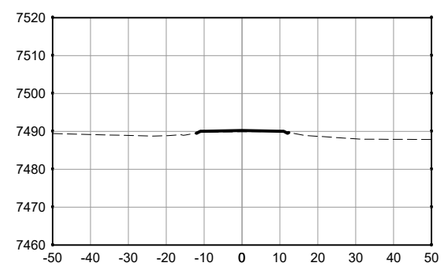

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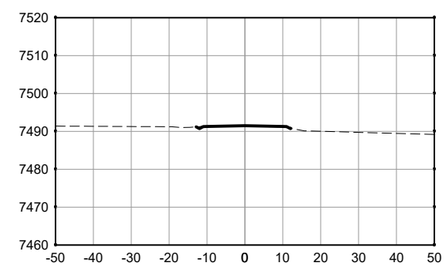

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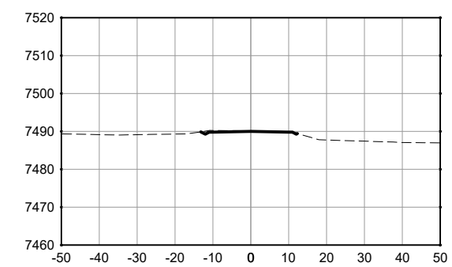

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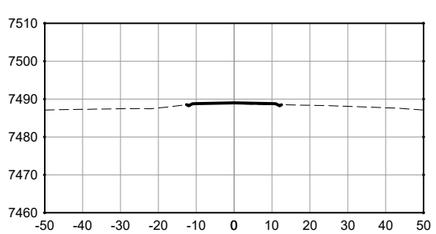

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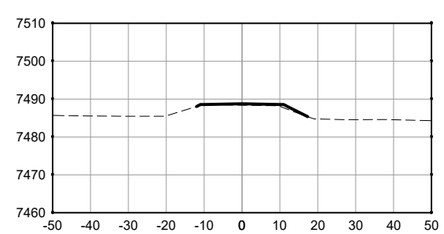

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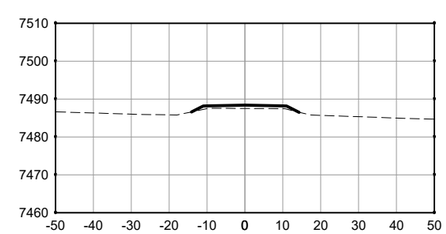

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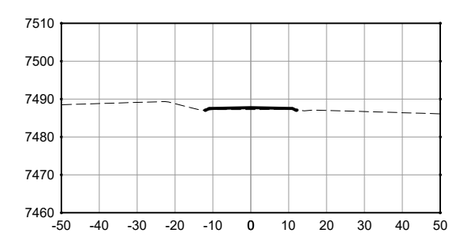


20' 0 20' 40'
SCALE IN FEET

United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

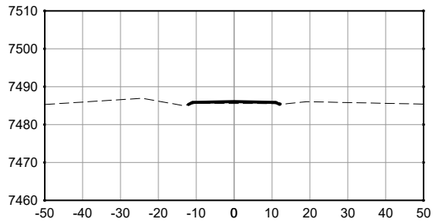
DRAWING TITLE

CROSS SECTIONS STA 36+00-47+00

DATE
ARCHIVE NO.
DESIGNER N.ROBINSON
DRAWN N.ROBINSON
CHECKED R.ANDERSON
PROJECT NO.
DRAWING SHEET NO. **R12**
SHEET 14 OF 36

4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\02_G2-R19_X_SITE_P_RED_CYN.DWG;

48+00



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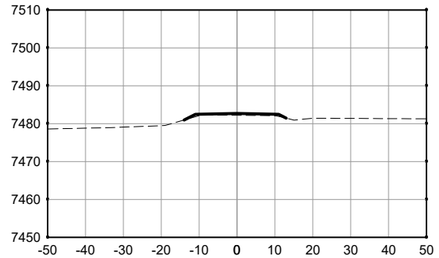

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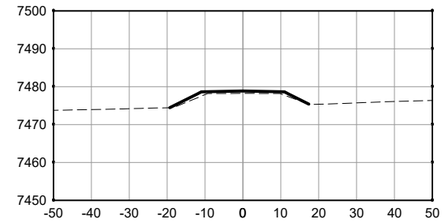

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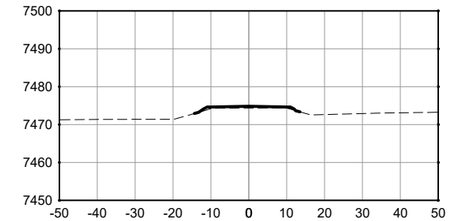

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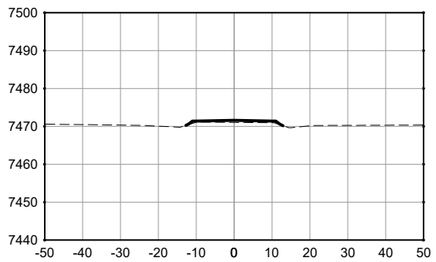

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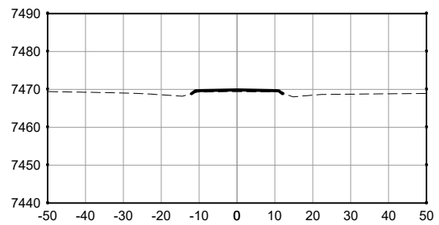

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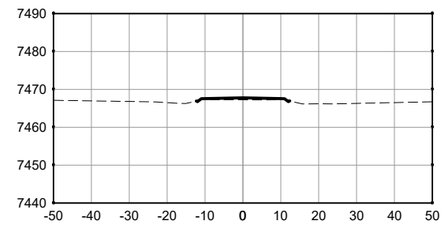

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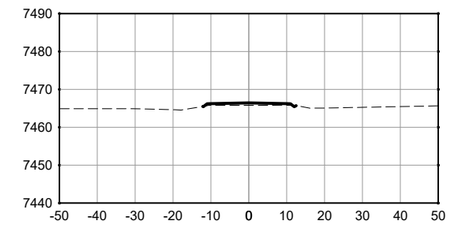

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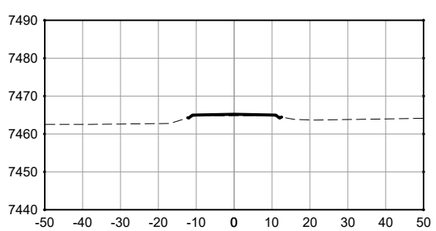
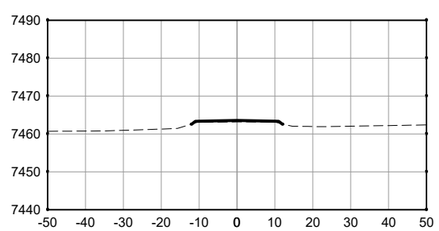


57+00



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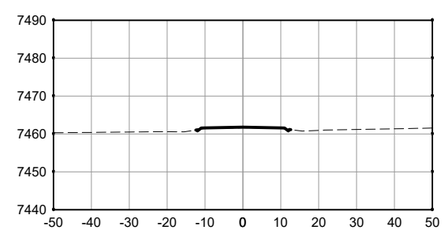

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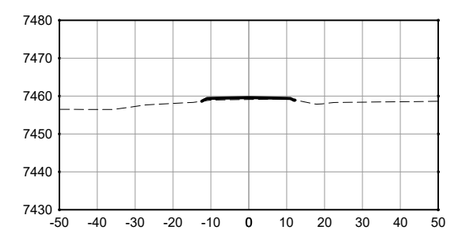


20' 0 20' 40'
SCALE IN FEET

United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

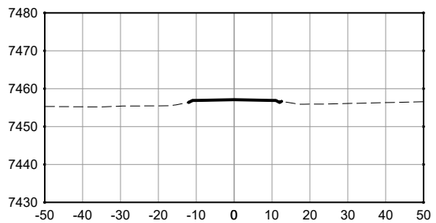
DRAWING TITLE

CROSS SECTIONS STA 48+00-59+00

DATE
ARCHIVE NO.
DESIGNER N.ROBINSON
DRAWN N.ROBINSON
CHECKED R.ANDERSON
PROJECT NO.
DRAWING SHEET NO. **R13**
SHEET 15 OF 36

4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\02_G2-R19_X_SITE_P_RED_CYN.DWG;

60+00



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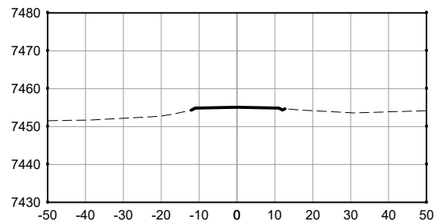

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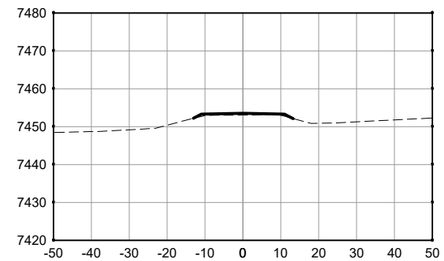

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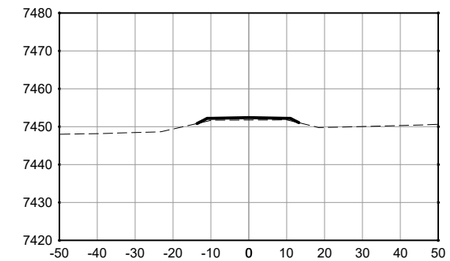

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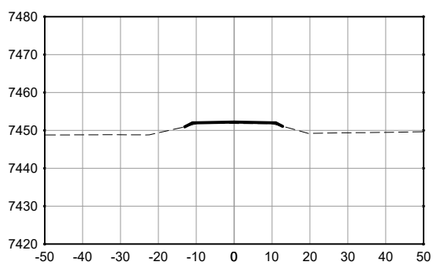

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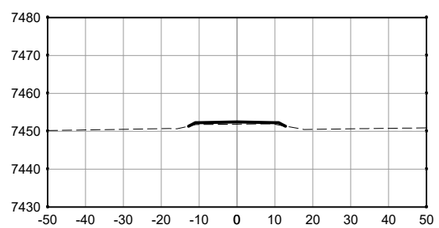

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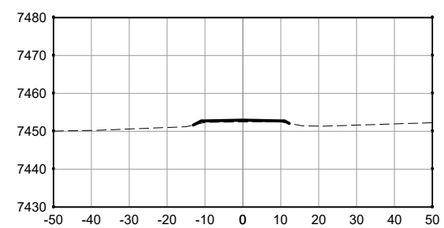

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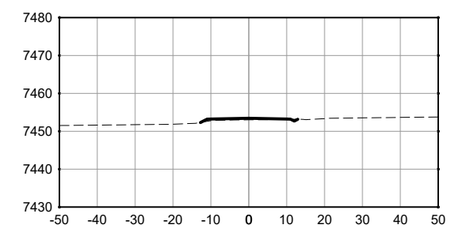

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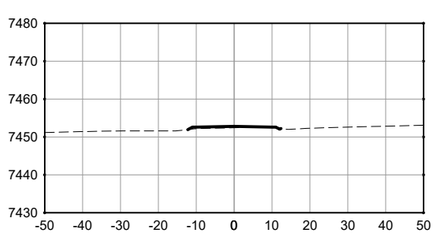

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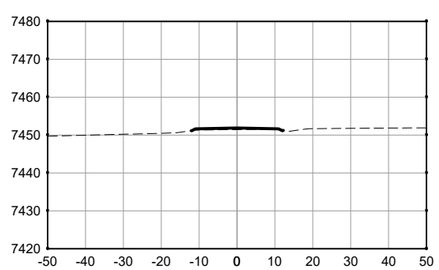

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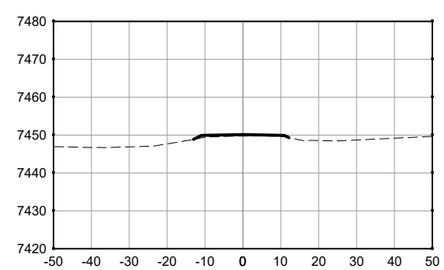

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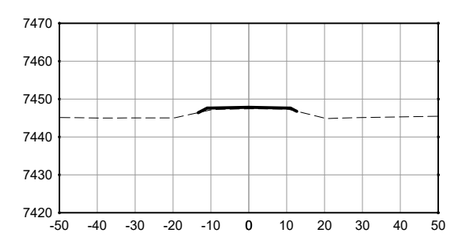


20' 0 20' 40'
SCALE IN FEET

United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

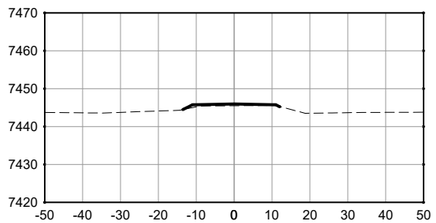
DRAWING TITLE

CROSS SECTIONS STA 60+00-71+00

DATE
ARCHIVE NO.
DESIGNER N.ROBINSON
DRAWN N.ROBINSON
CHECKED R.ANDERSON
PROJECT NO.
DRAWING SHEET NO. **R14**
SHEET 16 OF 36

4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEYRED.CANYON.PAVEMENT.2025\DRAWINGS\02_G2-R19_X_SITE_P_RED_CYN.DWG;

72+00



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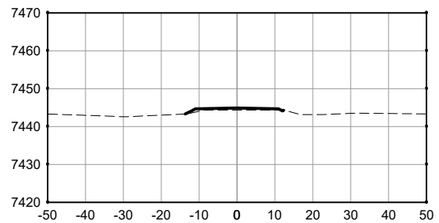

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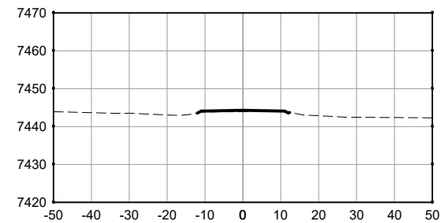

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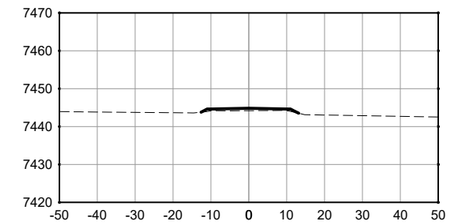

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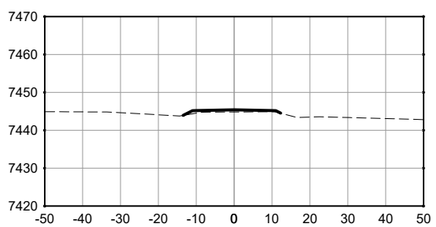
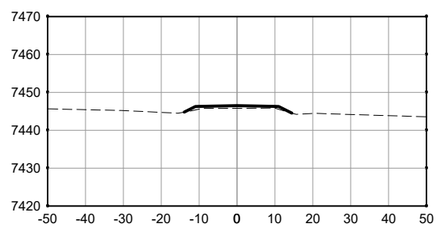


77+00



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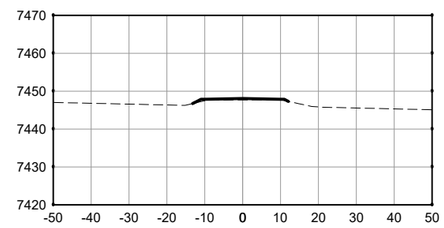

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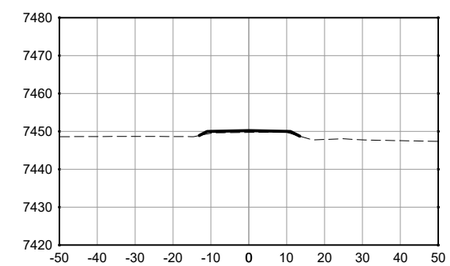

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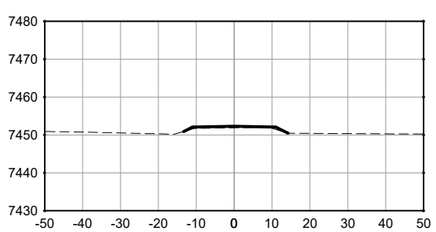

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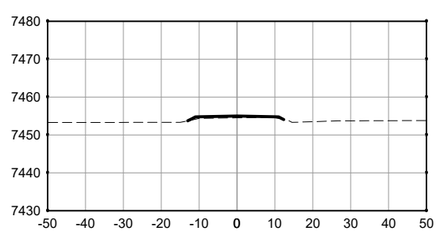

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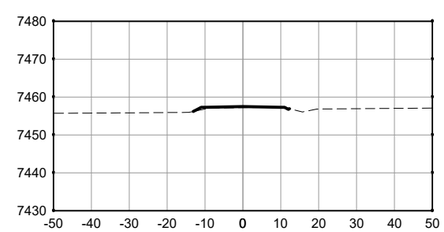

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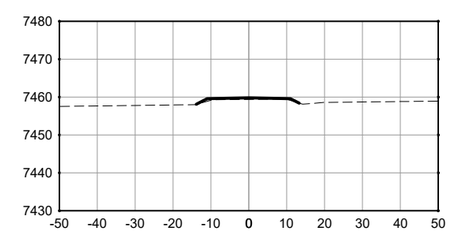
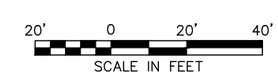




United States Department of Agriculture
Forest Service

16
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

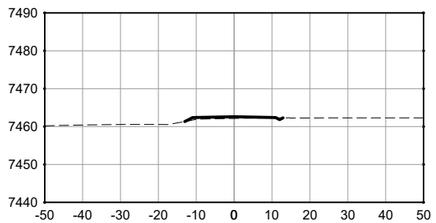
DRAWING TITLE

CROSS SECTIONS STA 72+00-83+00

DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. R15
DRAWN N.ROBINSON	
CHECKED R.ANDERSON	
PROJECT NO.	SHEET 17 OF 36

4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\02_G2-R19_X_SITE_P_RED_CYN.DWG;

84+00



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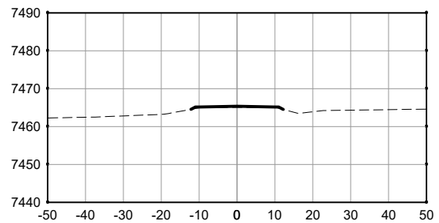
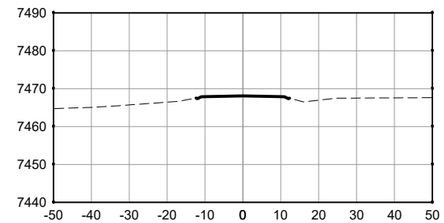


86+00



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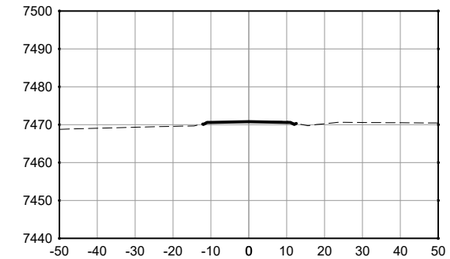

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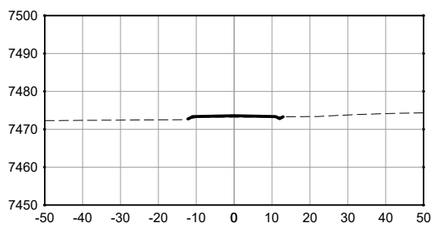

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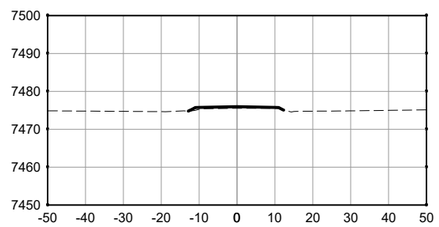

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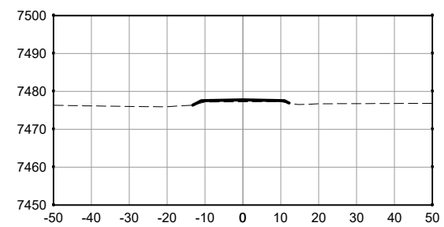

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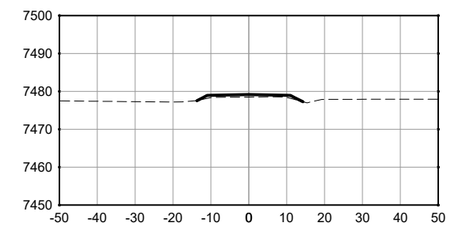

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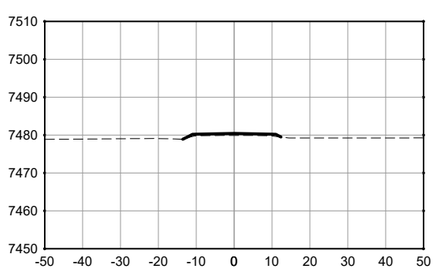

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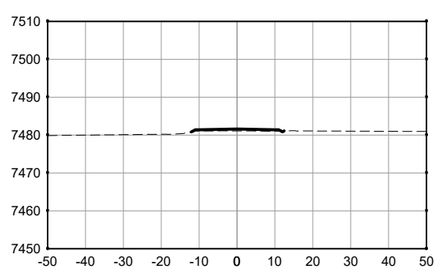

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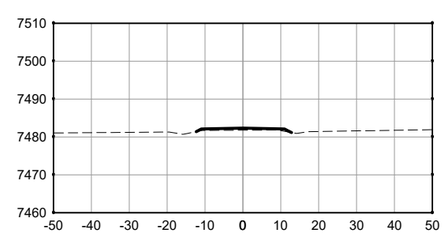

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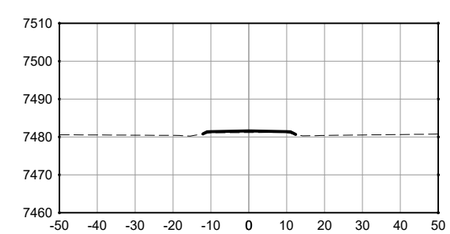


20' 0 20' 40'
SCALE IN FEET

United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

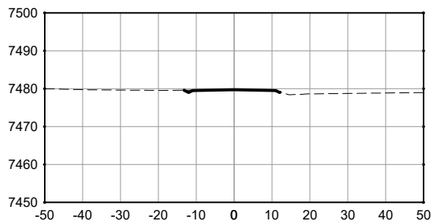
DRAWING TITLE

CROSS SECTIONS STA 84+00-95+00

DATE
ARCHIVE NO.
DESIGNER N.ROBINSON
DRAWN N.ROBINSON
CHECKED R.ANDERSON
PROJECT NO.
DRAWING SHEET NO. **R16**
SHEET 18 OF 36

4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\02_G2-R19_X_SITE_P_RED_CYN.DWG;

96+00



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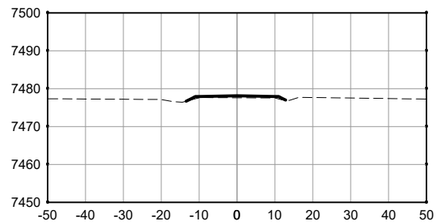

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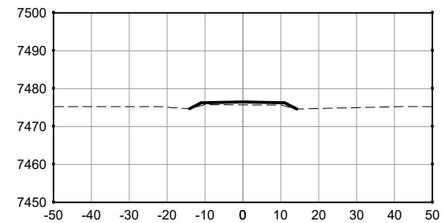

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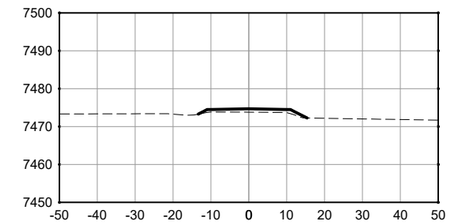

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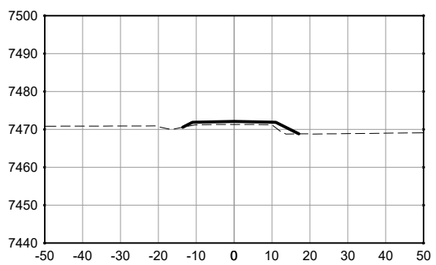
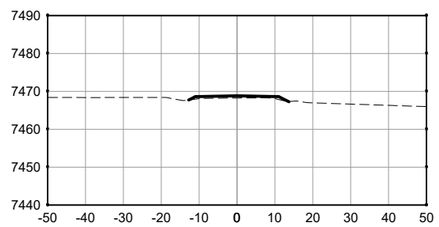


101+00



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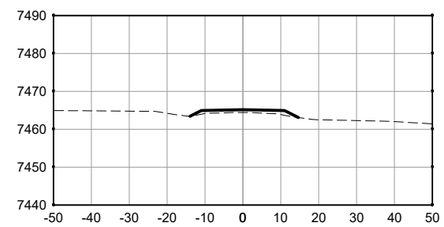

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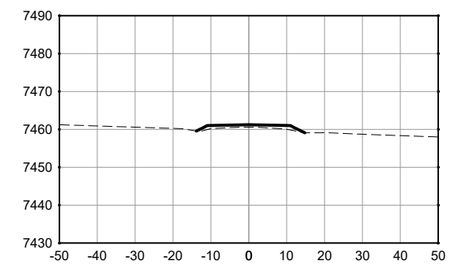

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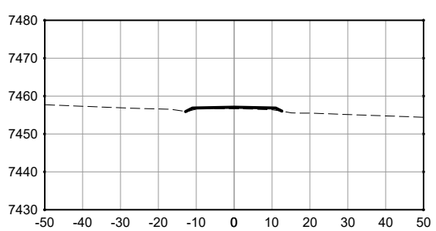

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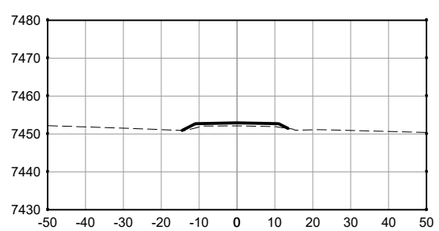

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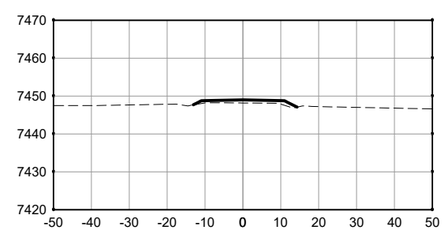

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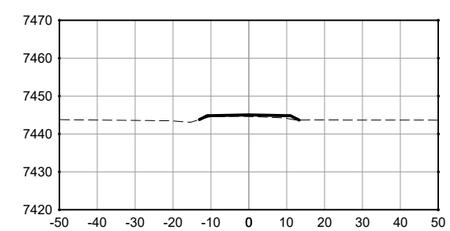


20' 0 20' 40'
SCALE IN FEET

United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

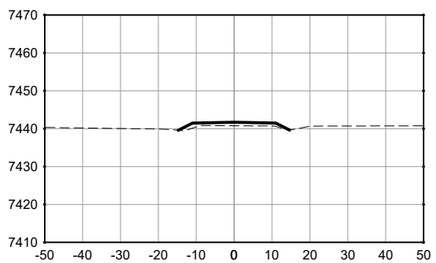
DRAWING TITLE

CROSS SECTIONS STA 96+00-107+00

DATE
ARCHIVE NO.
DESIGNER **N.ROBINSON**
DRAWN **N.ROBINSON**
CHECKED **R.ANDERSON**
PROJECT NO.
DRAWING SHEET NO. **R17**
SHEET **19** OF **36**

4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\02_G2-R19_X_SITE_P_RED_CYN.DWG;

108+00



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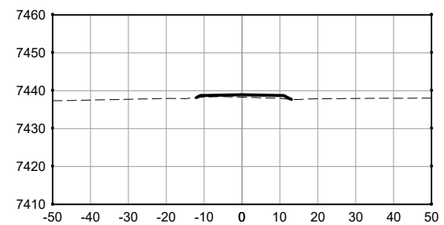

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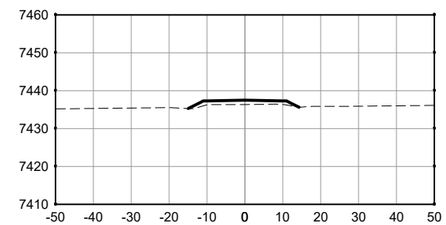

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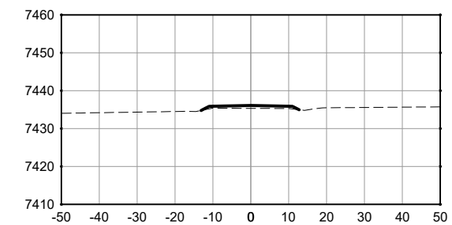

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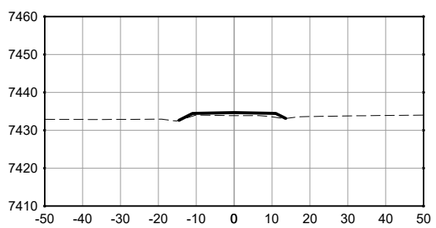

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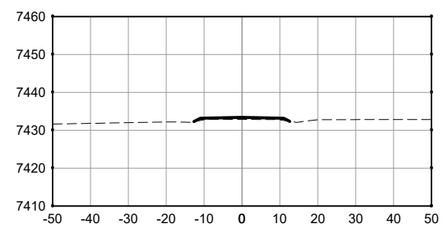

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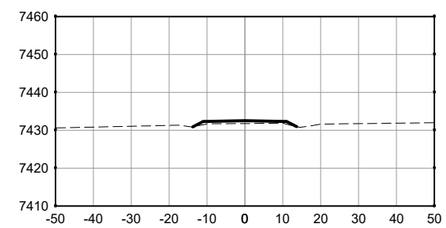

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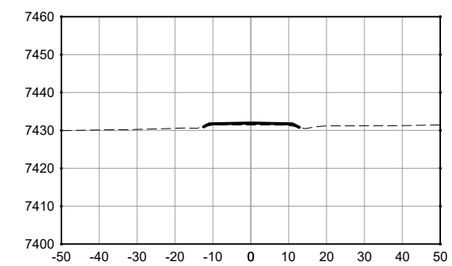

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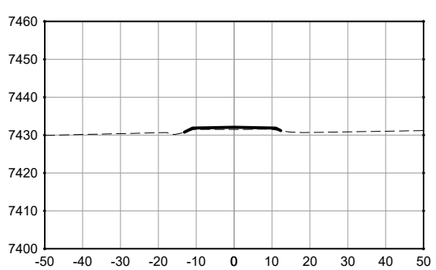

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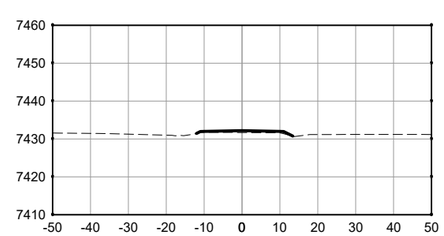

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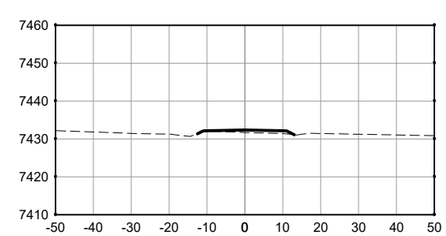

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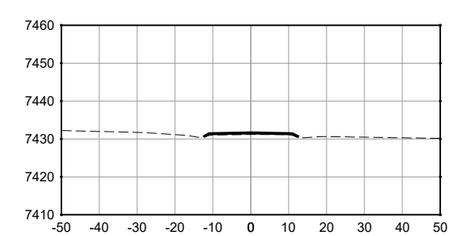

20' 0 20' 40'
SCALE IN FEET

United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

CROSS SECTIONS STA 108+00-119+00

DATE
ARCHIVE NO.
DESIGNER N.ROBINSON
DRAWN N.ROBINSON
CHECKED R.ANDERSON
PROJECT NO.
DRAWING SHEET NO. **R18**
SHEET 20 OF 36

4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\02_G2-R19_X_SITE_P_RED_CYN.DWG;

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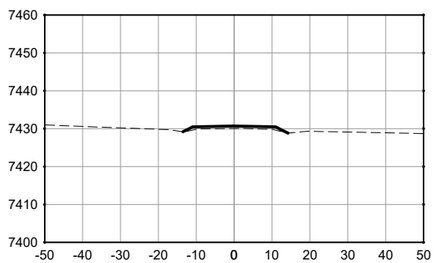

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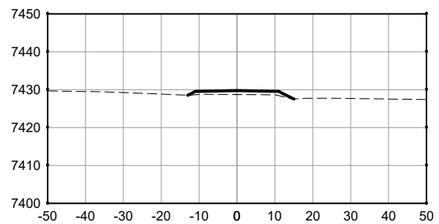

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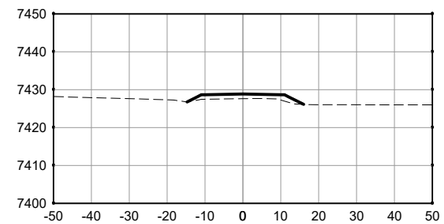

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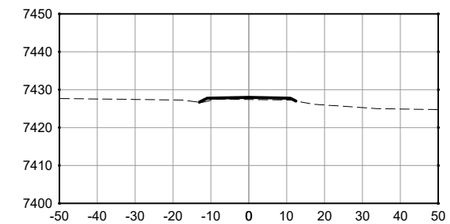

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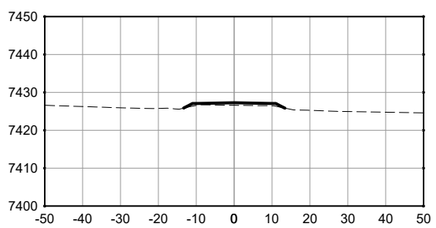

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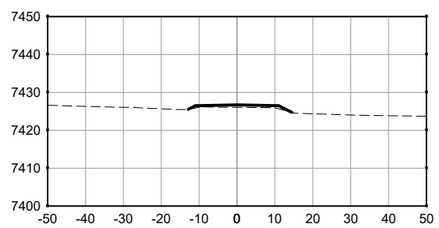

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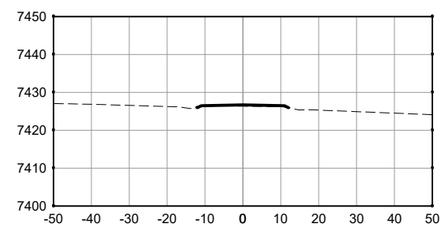

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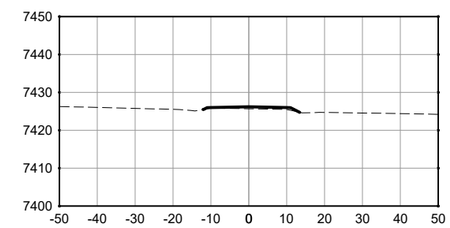

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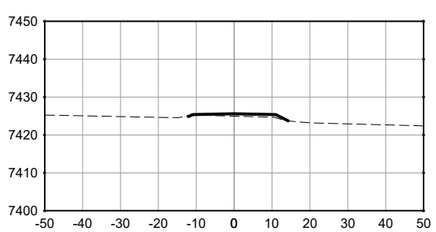

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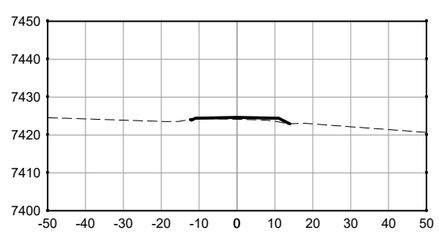

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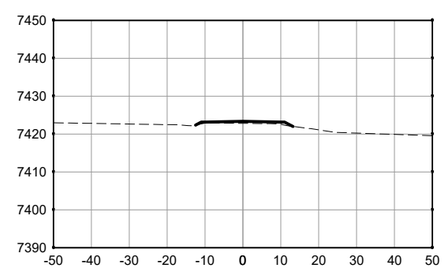

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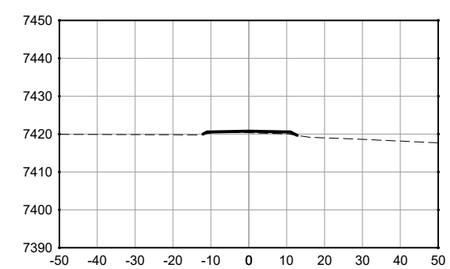

20' 0 20' 40'
SCALE IN FEET

United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
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1		

PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

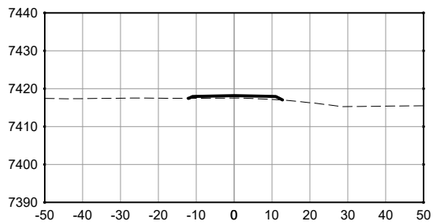
DRAWING TITLE

CROSS SECTIONS STA 120+00-131+00

DATE
ARCHIVE NO.
DESIGNER N.ROBINSON
DRAWN N.ROBINSON
CHECKED R.ANDERSON
PROJECT NO.
DRAWING SHEET NO. **R19**
SHEET 21 OF 36

4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\02_G2-R19_X_SITE_P_RED_CYN.DWG;

132+00



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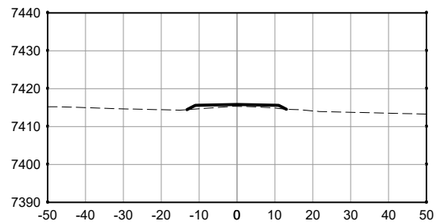

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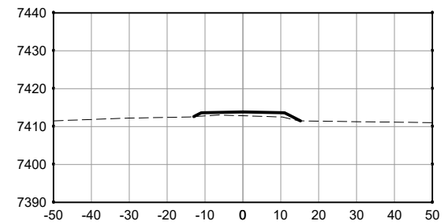

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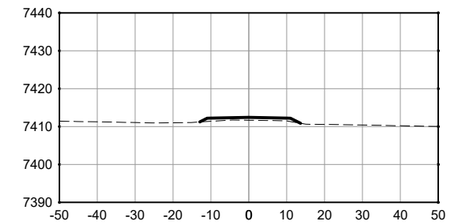

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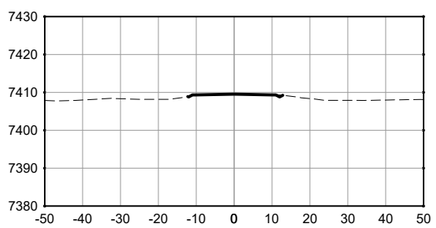

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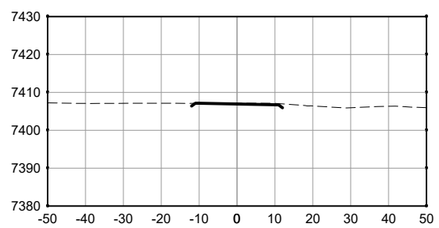

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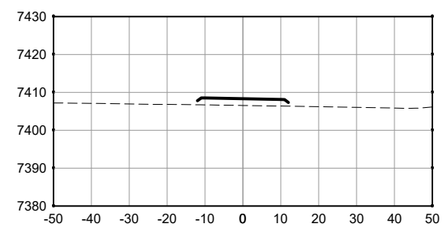

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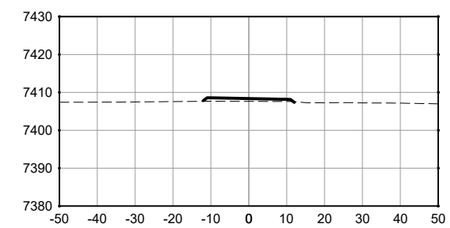

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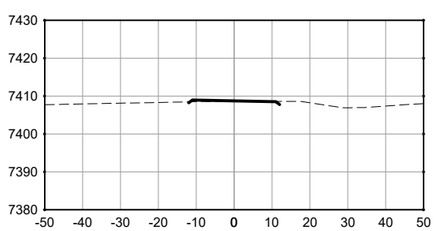

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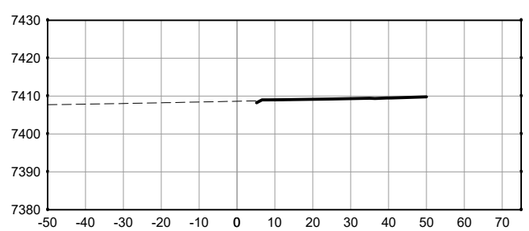

20' 0 20' 40'
SCALE IN FEET

United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
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PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

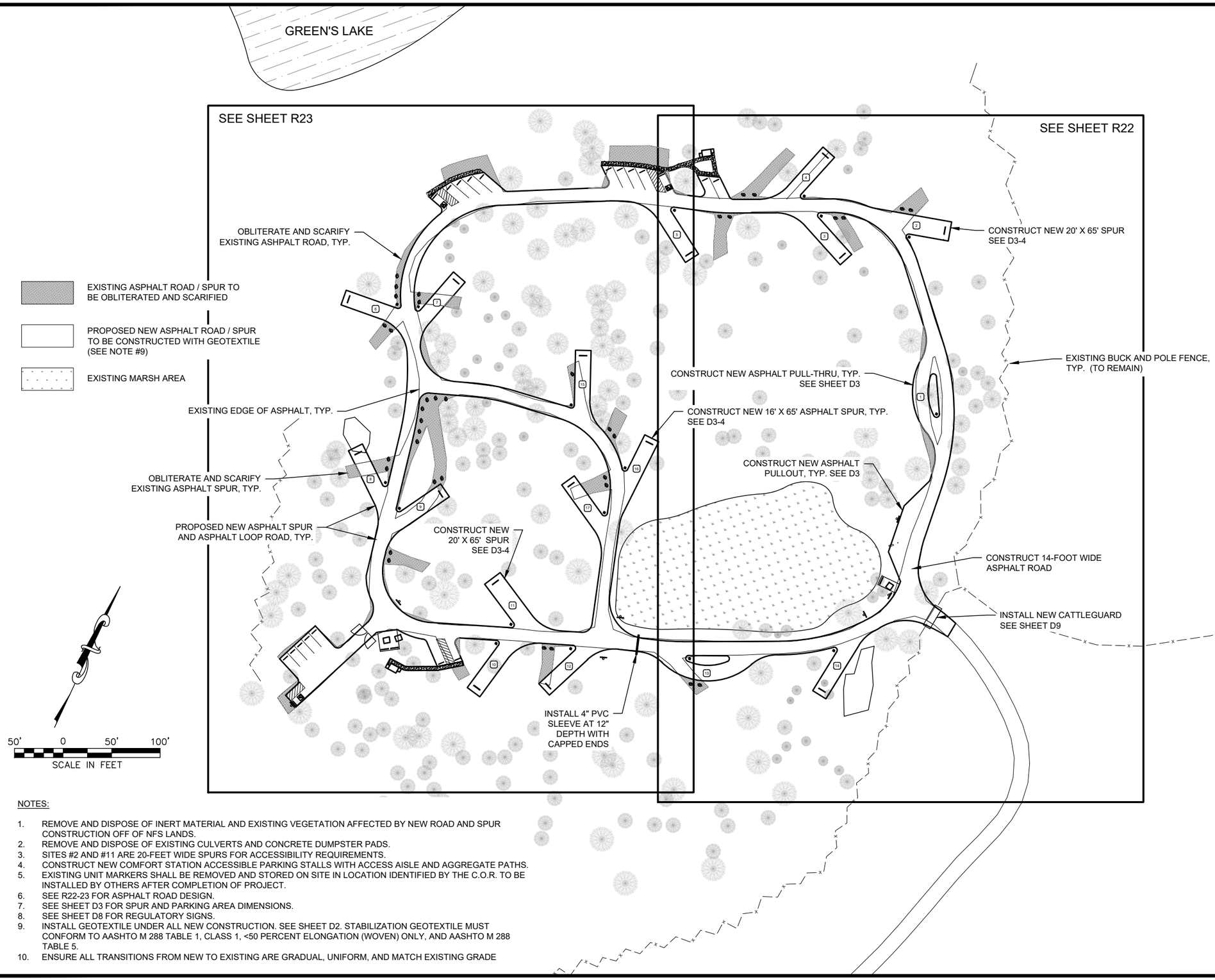
FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

CROSS SECTIONS STA 132+00-END

DATE
ARCHIVE NO.
DESIGNER N.ROBINSON
DRAWN N.ROBINSON
CHECKED R.ANDERSON
PROJECT NO.
DRAWING SHEET NO. **R20**
SHEET 22 OF 36

4/21/26 15:30 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\02_G2-R19_X_SITE_P_RED_CYN.DWG;



NOTES:

1. REMOVE AND DISPOSE OF INERT MATERIAL AND EXISTING VEGETATION AFFECTED BY NEW ROAD AND SPUR CONSTRUCTION OFF OF NFS LANDS.
2. REMOVE AND DISPOSE OF EXISTING CULVERTS AND CONCRETE DUMPSTER PADS.
3. SITES #2 AND #11 ARE 20-FEET WIDE SPURS FOR ACCESSIBILITY REQUIREMENTS.
4. CONSTRUCT NEW COMFORT STATION ACCESSIBLE PARKING STALLS WITH ACCESS AISLE AND AGGREGATE PATHS.
5. EXISTING UNIT MARKERS SHALL BE REMOVED AND STORED ON SITE IN LOCATION IDENTIFIED BY THE C.O.R. TO BE INSTALLED BY OTHERS AFTER COMPLETION OF PROJECT.
6. SEE R22-23 FOR ASPHALT ROAD DESIGN.
7. SEE SHEET D3 FOR SPUR AND PARKING AREA DIMENSIONS.
8. SEE SHEET D8 FOR REGULATORY SIGNS.
9. INSTALL GEOTEXTILE UNDER ALL NEW CONSTRUCTION. SEE SHEET D2. STABILIZATION GEOTEXTILE MUST CONFORM TO AASHTO M 288 TABLE 1, CLASS 1, <50 PERCENT ELONGATION (WOVEN) ONLY, AND AASHTO M 288 TABLE 5.
10. ENSURE ALL TRANSITIONS FROM NEW TO EXISTING ARE GRADUAL, UNIFORM, AND MATCH EXISTING GRADE

United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
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1		

PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

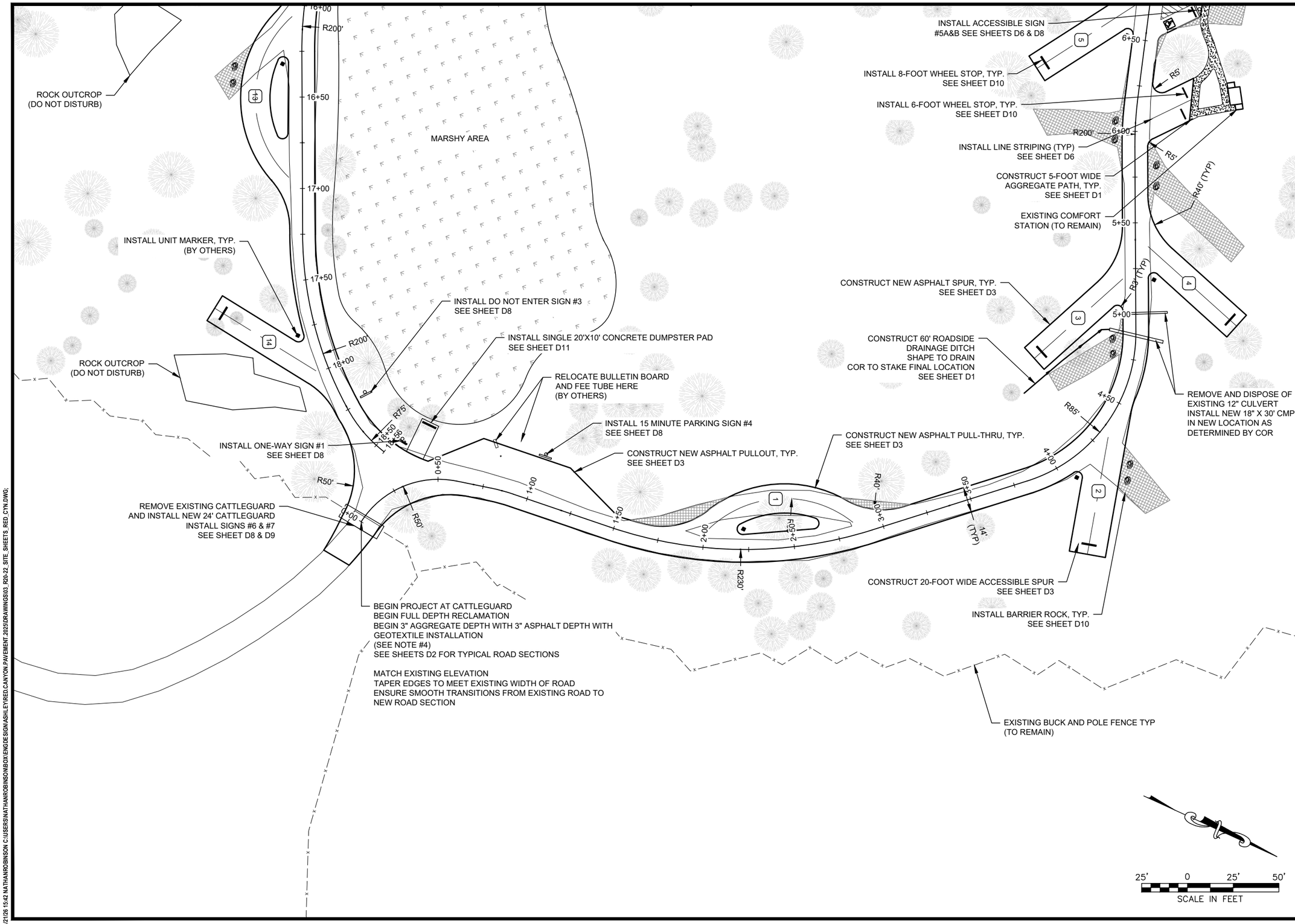
FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

GREENS LAKE SITE PLAN OVERVIEW

DATE	ARCHIVE NO.
DESIGNER R. BUDGE	DRAWING SHEET NO. R21
DRAWN R. BUDGE	
CHECKED R. ANDERSON	
PROJECT NO.	SHEET 23 OF 36

4/21/26 15:42 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\03_R20-22_SITE_SHEETS_RED_CYN.DWG;



United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

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PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

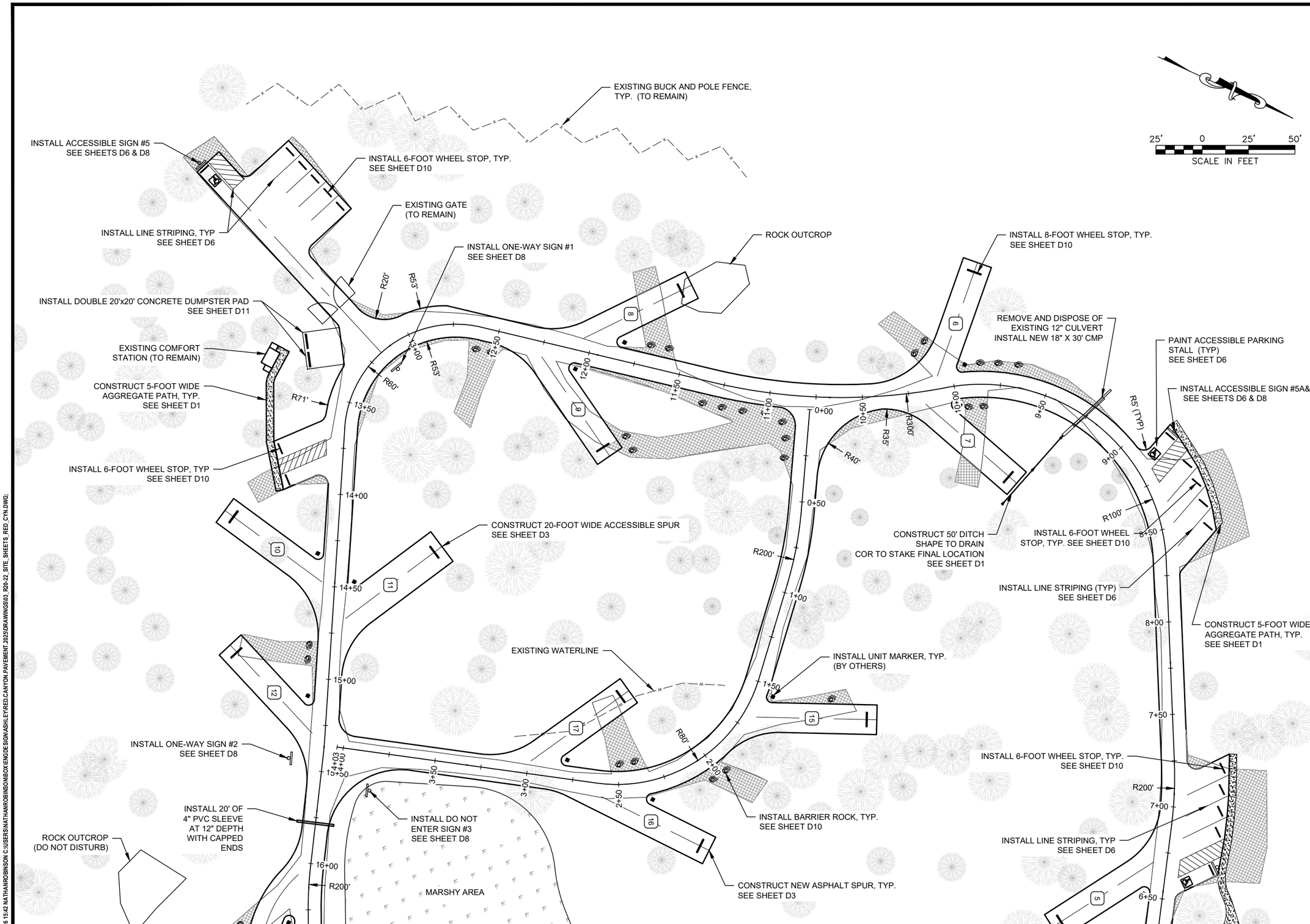
FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

GREENS LAKE SITE PLAN - EAST

DATE	ARCHIVE NO.
DESIGNER R. BUDGE	DRAWING SHEET NO. R22
DRAWN R. BUDGE	
CHECKED R. ANDERSON	
PROJECT NO.	SHEET 24 OF 36

4/21/26 15:42 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\03_R20-22_SITE_SHEETS_RED_CYN.DWG;



United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
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3		
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1		

PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

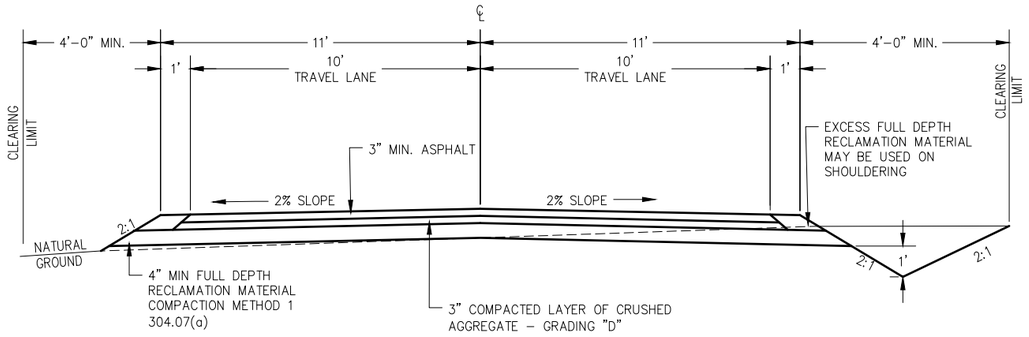
FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

GREENS LAKE SITE PLAN - WEST

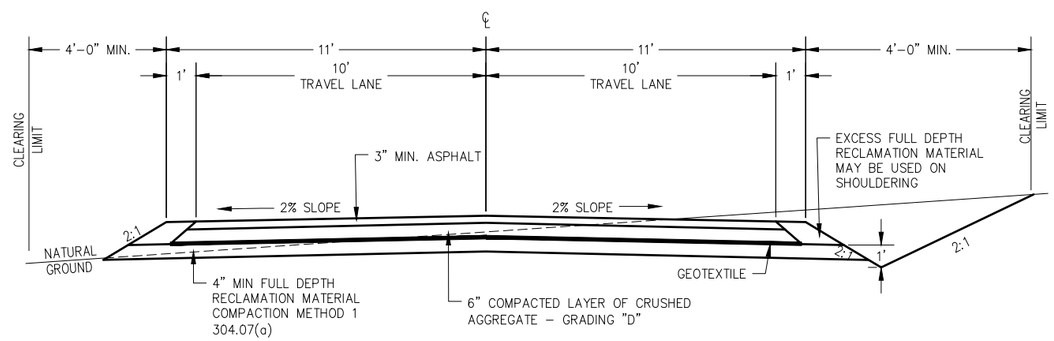
DATE	ARCHIVE NO.
DESIGNER R. BUDGE	DRAWING SHEET NO. R23
DRAWN R. BUDGE	
CHECKED R. ANDERSON	
PROJECT NO.	SHEET 25 OF 36

4/2/26 15:42 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\03_R20-22_SITE_SHEETS_RED_CYN.DWG;



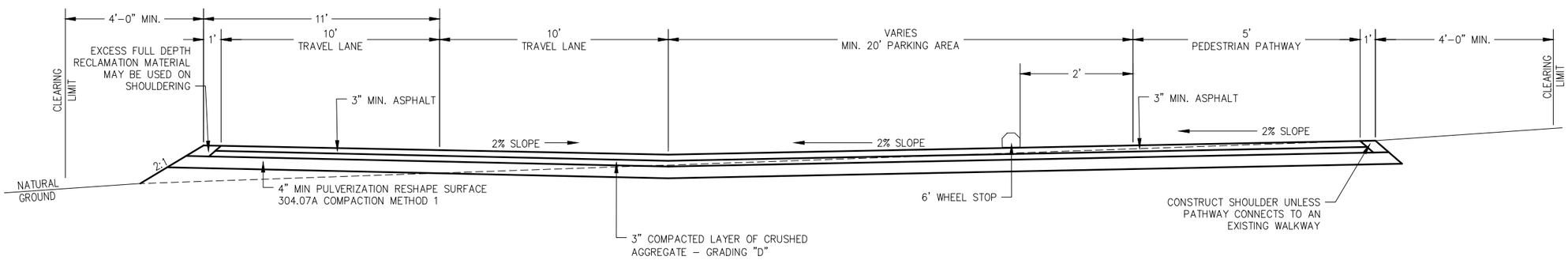
TYPICAL TWO-LANE 2% CROWNED PAVED ROAD SECTION WITH 3" AGGREGATE BASE COURSE

NOT TO SCALE



THICKENED SECTION WITH GEOTEXTILE

NOT TO SCALE



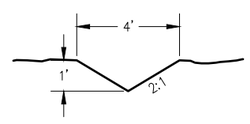
TYPICAL ASPHALT PARKING AREA ROAD SECTION

NOT TO SCALE

GENERAL NOTES:

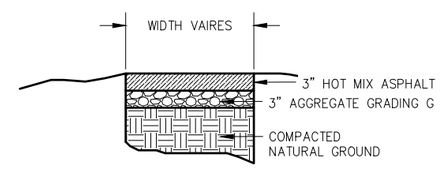
1. TRANSITIONS BETWEEN CROSS SECTION SHALL BE GRADUAL. EXACT STATIONING FOR CROSS SECTIONS IS SHOWN FOR REFERENCE ONLY.
2. ALL EXCAVATED BOULDERS SHALL BE PLACED AS DESIGNATED BY THE CONTRACTING OFFICER'S REPRESENTATIVE (COR).
3. ALL SUB-BASE AND AGGREGATE DEPTHS SHOWN ARE COMPACTED DEPTHS.
4. ALL AGGREGATE UNDER PAVED AREAS SHALL BE GRADING "D", ALL EXPOSED AGGREGATE SHALL BE GRADING "G" FOR ACCESSIBILITY.
5. NEATLY HAND PLACE ANY BLASTED, EXCAVATED ROCK TO ARMOUR FILL SLOPES FROM EROSION AND FOOT TRAFFIC AS DIRECTED.
6. NO MATERIAL LARGER THAN 1 $\frac{1}{2}$" WITHIN TOP 2" OF BASE COURSE.
7. STABILIZATION GEOTEXTILE MUST CONFORM TO AASHTO M 288 TABLE 1, CLASS 1, <50 PERCENT ELONGATION (WOVEN) ONLY, AND AASHTO M 288 TABLE 5.
8. REMOVE ALL LOOSE ROCK AND DEBRIS THAT MAY IMPACT DITCH FLOW FROM ALL CUT SLOPES A MINIMUM OF 4' FROM INVERT OF FLOW LINE.

RED CANYON ROAD TYPICAL SECTIONS BY STATION	
STATIONING	TYPICAL SECTION
0+50–51+00	20' WIDE, 2" CROWN, 3" BASE COURSE, 3" HMA
51+00–58+00	THICKENED SECTION WITH GEOTEXTILE
58+00–136+50	20' WIDE, 2" CROWN, 3" BASE COURSE, 3" HMA
136+50–137+50	20' WIDE, 2% OUTSLOPE
137+50–138+50	WIDTH VARIES, PARKING AREA ROAD SECTION
138+50–END	20' WIDE, 2% OUTSLOPE



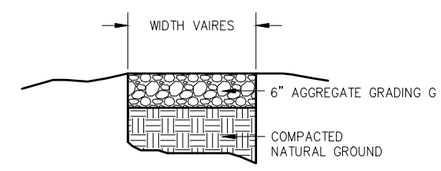
ROADSIDE DRAINAGE DITCH

NOT TO SCALE



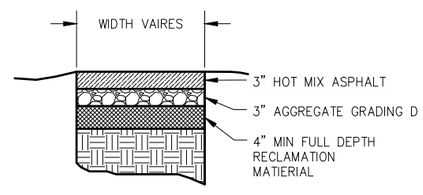
ASPHALT PATH

NOT TO SCALE



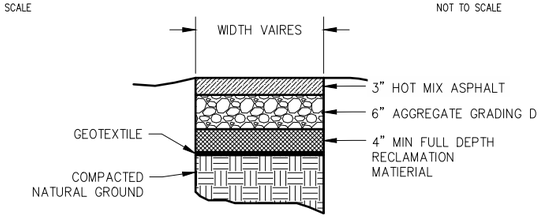
AGGREGATE PATH

NOT TO SCALE



TYPICAL ASPHALT SECTION

NOT TO SCALE



TYPICAL THICKENED ASPHALT SECTION WITH GEOTEXTILE

NOT TO SCALE

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RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

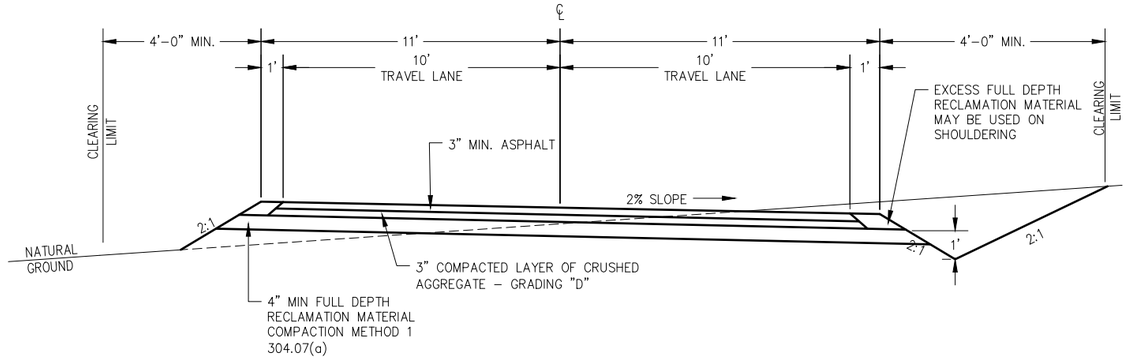
FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

TYPICAL ROAD CROSS-SECTIONS

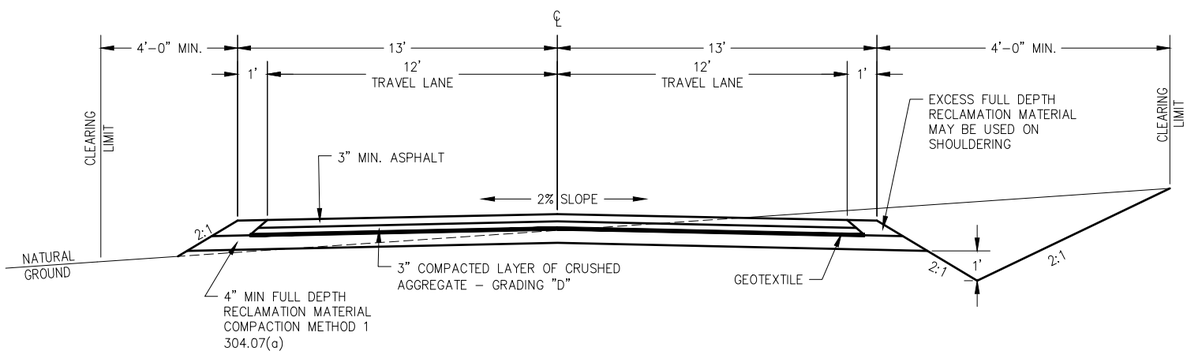
DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. D1
DRAWN N.ROBINSON	
CHECKED R. ANDERSON	
PROJECT NO.	SHEET 26 OF 36

4/21/26 11:49 NATHANROBINSON C:\USERS\NATHANROBINSONBOX\ENGDESIGN\ASHLEYRED.CANYON.PAVEMENT.2025\DRAWINGS\04_D1-2.TYPICAL.ROAD.SECTIONS.DWG;



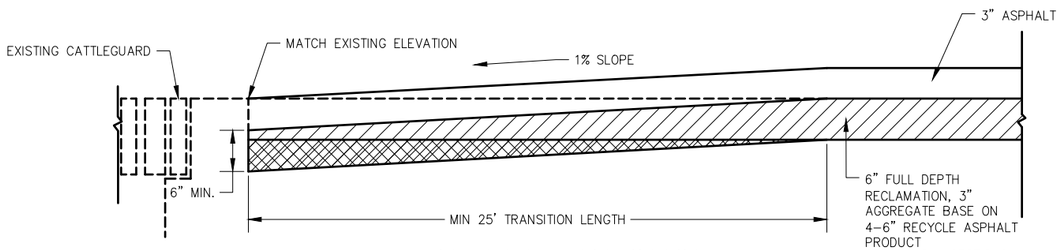
TYPICAL TWO-LANE 2% OUTSLOPED ASPHALT SURFACE ROAD SECTION WITH 3" AGGREGATE BASE COURSE

NOT TO SCALE



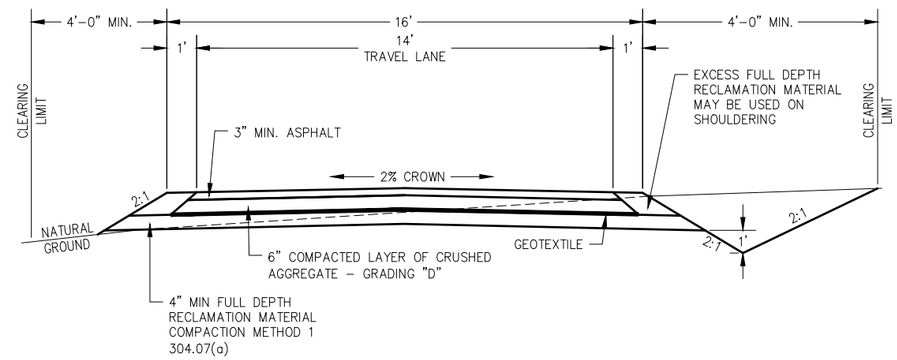
TYPICAL 24' TWO-LANE 2% CROWN ASPHALT SURFACE ROAD SECTION WITH 3" AGGREGATE BASE COURSE

NOT TO SCALE



PAVEMENT TRANSITION

NOT TO SCALE



TYPICAL ONE LANE 2% CROWN ASPHALT SURFACE ROAD SECTION WITH 3" AGGREGATE BASE COURSE

NOT TO SCALE

GREENS LAKE CAMPGROUND ROAD TYPICAL SECTIONS BY STATION	
STATIONING	TYPICAL SECTION
0+00-1+90	24' TWO-LANE 2% CROWN ASPHALT SURFACE
1+90-2+14	TRANSITION TO PULLOUT LEFT
2+14-2+61	PULLOUT LEFT-SEE SHEET D3
2+61-2+94	TRANSITION TO 14' ROAD SECTION
2+94-20+00	14' ONE LANE 2% CROWN ASPHALT SURFACE

GREENS LAKE CAMPGROUND INNER LOOP TYPICAL SECTIONS BY STATION	
STATIONING	TYPICAL SECTION
0+00-4+03	14' ONE LANE 2% CROWN ASPHALT SURFACE

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PROJECT NAME
RED CANYON CORRIDOR PAVING

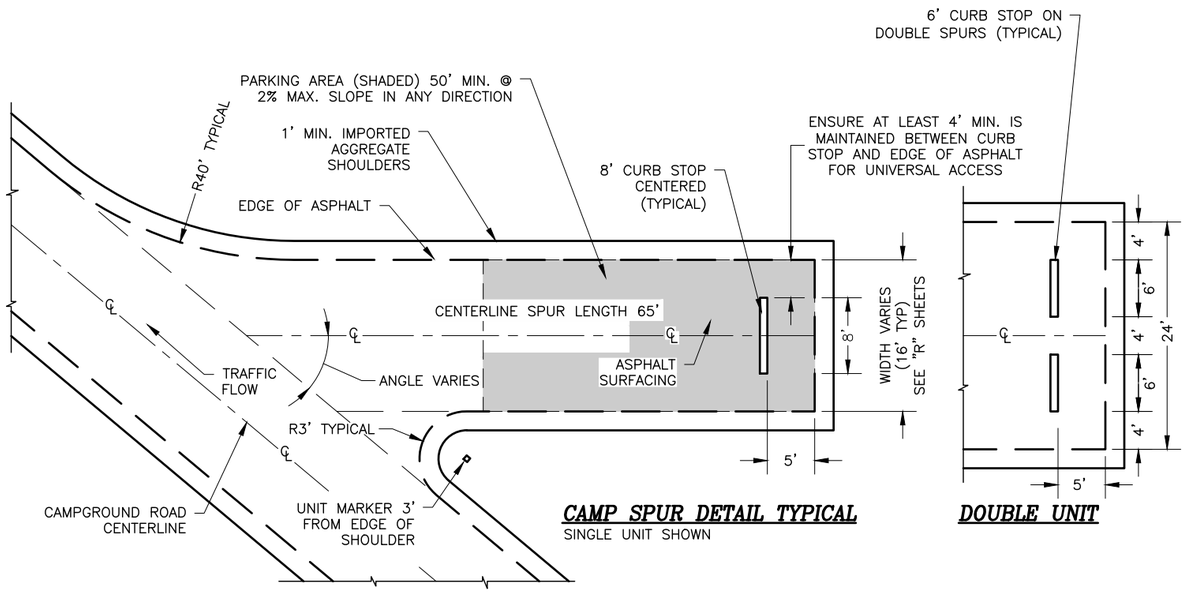
ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

DRAWING TITLE
TYPICAL ROAD CROSS-SECTIONS (CONT)

DATE
ARCHIVE NO.
DESIGNER N.ROBINSON
DRAWN N.ROBINSON
CHECKED R. ANDERSON
PROJECT NO.
DRAWING SHEET NO. D2
SHEET 27 OF 36

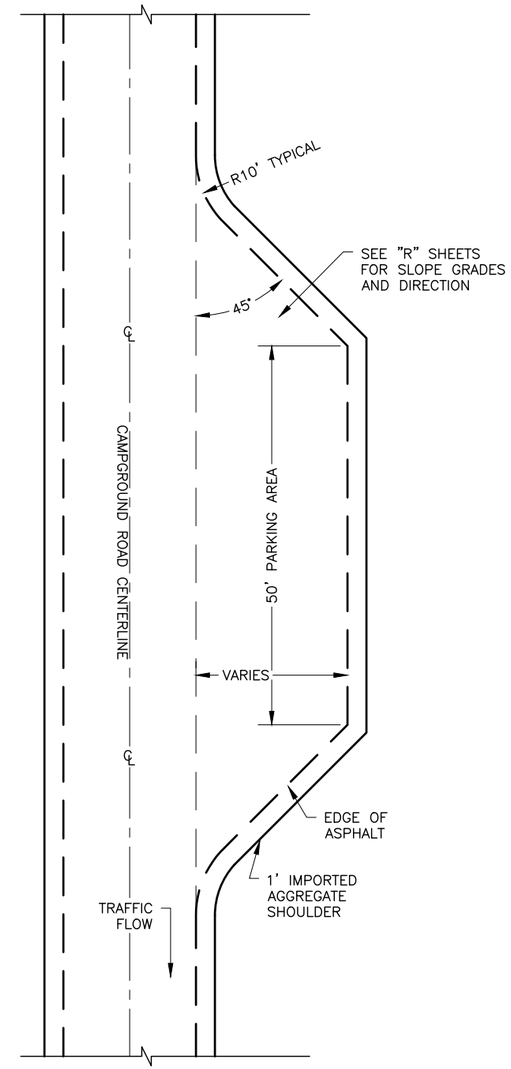
4/21/26 11:49 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\04_D1-2 TYPICAL ROAD SECTIONS.DWG;



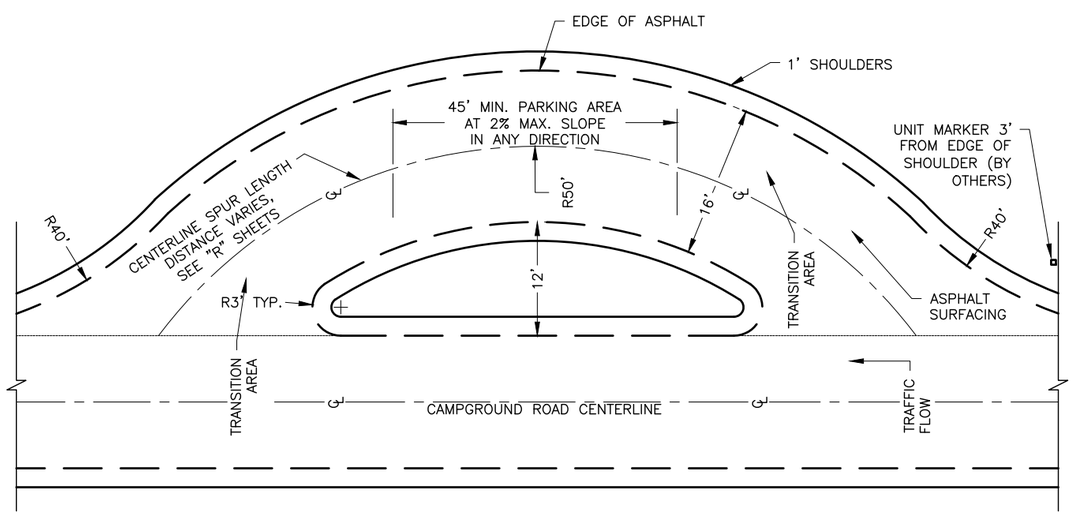
CAMP SPUR DETAIL TYPICAL

SINGLE UNIT SHOWN

DOUBLE UNIT



BULLETIN BOARD AND FEE TUBE PULL OUT



PULL THROUGH SINGLE UNIT SPUR

USDA FOREST SERVICE

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RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

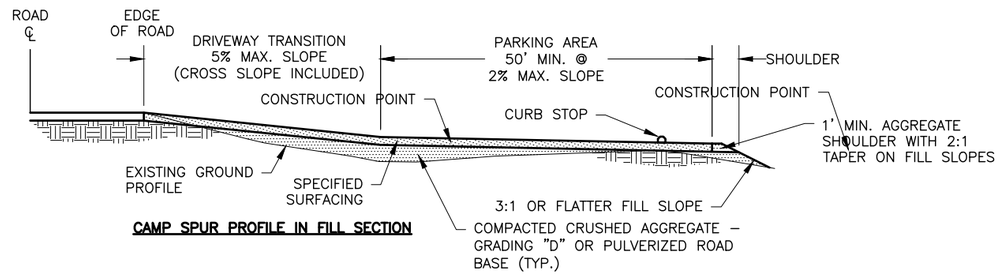
FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

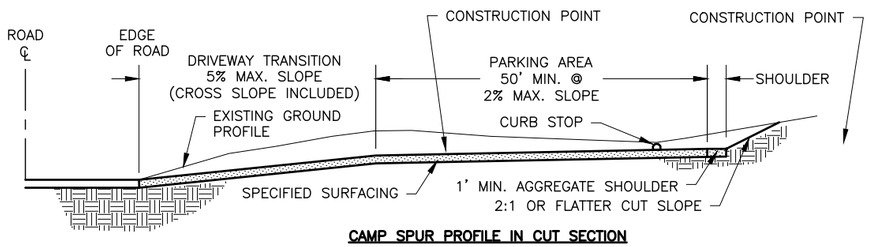
TYPICAL SPUR SECTION AND DETAILS

DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. D3
DRAWN N.ROBINSON	
CHECKED R. ANDERSON	
PROJECT NO.	SHEET 28 OF 36

4/21/26 11:57 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\05_D3-4.FISHLAKE.CAMPGROUNDSPURS.DWG;



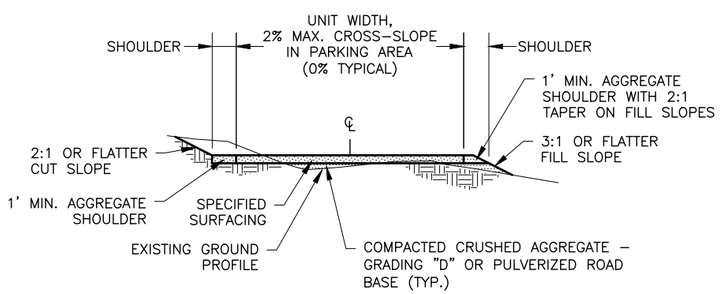
CAMP SPUR PROFILE IN FILL SECTION



CAMP SPUR PROFILE IN CUT SECTION

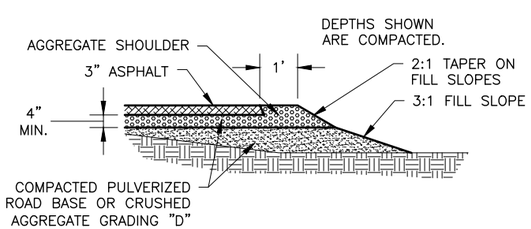
TYPICAL CAMPING UNIT SPUR GRADING PROFILE

PULL THROUGHS SIMILAR – NO SCALE



TYPICAL CAMPING UNIT SPUR CROSS SECTION

NO SCALE



SPUR SURFACING PROFILE

NO SCALE

SPUR NOTES:

1. THE DESIGN OF EACH SPUR IS INTENDED TO FIT THE SURROUNDING TOPOGRAPHY, MINIMIZE CUT/FILL AND MEET ACCESSIBILITY REQUIREMENTS. THE SPUR CENTERLINE ELEVATION MAY BE ADJUSTED IN THE FIELD TO BETTER MATCH THE SITE, IF APPROVED BY THE CONTRACTING OFFICER. GRADE MAXIMUMS FOR SPURS MAY BE MODIFIED WITH CONTRACTING OFFICER APPROVAL TO THE FOLLOWING:

   a. THE PARKING AREA FROM THE REAR OF THE SPUR TOWARDS THE CENTERLINE OF THE CAMPGROUND ROAD MAY BE INCREASED TO 2% MAXIMUM. IN ORDER TO MEET ACCESSIBILITY REQUIREMENTS, THE PARKING AREA MAY NOT EXCEED 2% IN ANY DIRECTION.

   b. THE DRIVEWAY TRANSITION OF EACH SPUR SHALL BE INSTALLED AT THE FLATTEST GRADE POSSIBLE. TYPICALLY THE DRIVEWAY WILL HAVE A RUNNING SLOPE OF 5% OR LESS. DRIVEWAY RUNNING SLOPES CAN BE INCREASED TO 8.33% FOR UP TO 50' OR UP TO 10% FOR 30 FEET.

2. CONSTRUCT SHOULDERS OF COMPACTED CRUSHED AGGREGATE MATERIAL (GRADING "G") ON SIDES AND BACK, SEE SPUR SURFACING DETAIL. NO PULVERIZED ASPHALT SHALL BE VISIBLE AT COMPLETION OF THE PROJECT.

3. REFER TO "R" SHEETS FOR SPUR UNIT NUMBERS, LENGTHS, WIDTHS AND GRADES. TYPICAL SINGLE–UNIT SPURS ARE 16' WIDE, 65' IN LENGTH WITH A 0% CROSS SLOPE.

4. CONSTRUCTION SURVEY POINTS FOR SPURS CONSIST OF TWO CENTERLINE POINTS:
   1. BEGINNING OF PARKING AREA
   2. END OF SPUR/END OF PARKING AREA.
   3. A THIRD POINT MAY BE PROVIDED WHICH INDICATES THE BEGINNING OF THE VERTICAL CURVE FOR THE TRANSITION BETWEEN THE DRIVEWAY AND PARKING AREA.

   THE SURVEYOR/CONTRACTOR SHALL DETERMINE WHERE THE SPUR CONNECTS TO THE ROADWAY USING THESE TWO POINTS. DRAWING A STRAIGHT LINE BETWEEN THESE TWO POINTS WILL DEVELOP A BEARING THAT CONNECTS TO THE ROADWAY. ALL CONSTRUCTION SURVEY POINTS ARE FINISHED GRADE.

5. UNIVERSAL ACCESSIBILITY NOTE: VAN–ACCESSIBLE SPURS ARE 20' WIDE.

6. CONSTRUCT SMOOTH TRANSITIONS BETWEEN DRIVEWAYS AND ROADWAY, AND BETWEEN DRIVEWAYS AND PARKING AREAS. CONSTRUCT A 10–FOOT VERTICAL CURVE BETWEEN DRIVEWAY AND PARKING AREA FOR ALL DRIVEWAYS THAT EXCEED 8% RUNNING SLOPE OR AS DESIGNATED ON THE "R" SHEETS. ENSURE PARKING AREA HAS MINIMUM LENGTH OF 45 FEET AT MAXIMUM 2% SLOPE.

7. GEOTEXTILE SHALL BE USED AS SHOWN R21

8. SPURS SHALL HAVE SAME SURFACING PROFILE AS THE 14' WIDTH TYPICAL TWO LANE 2% CROWNED PAVED ROAD SECTION. SEE SHEET D2.

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ASHLEY NATIONAL FOREST

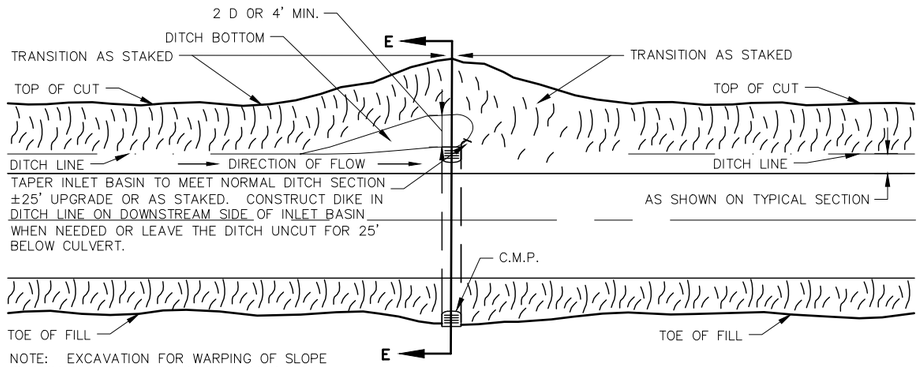
FLAMING GORGE RANGER DISTRICT

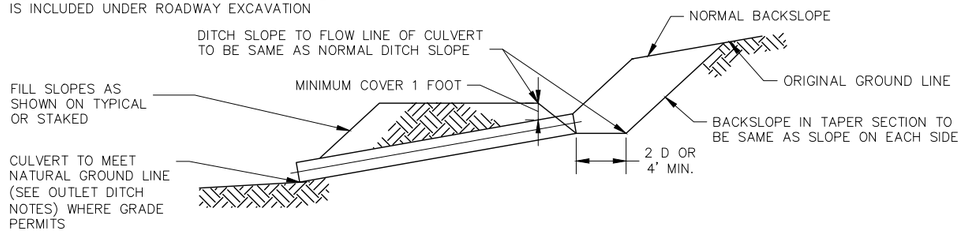
DRAWING TITLE

TYPICAL SPUR SECTION AND DETAILS (CONT'D.)

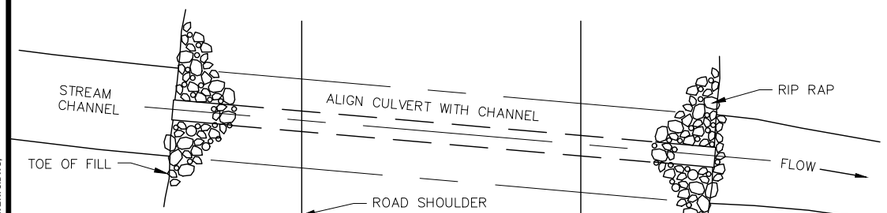
DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. D4
DRAWN N.ROBINSON	
CHECKED R. ANDERSON	
PROJECT NO.	SHEET 29 OF 36

4/21/26 11:57 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\05_D3-4.FISHLAKE.CAMPGROUNDSPURS.DWG;

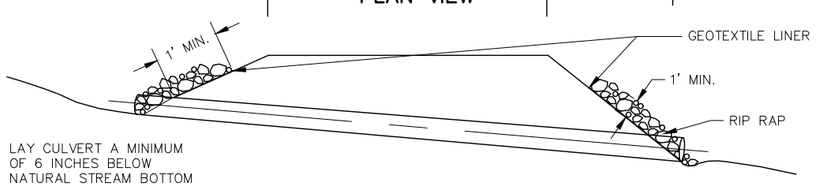




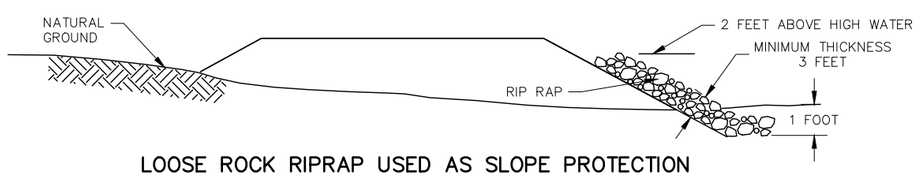
SECTION E–E
TYPICAL CULVERT INSTALLATION



PLAN VIEW

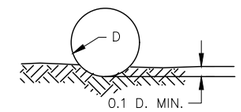


CROSS SECTION
STREAM CHANNEL CULVERT

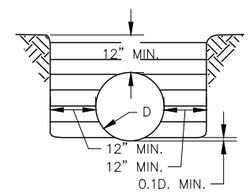


LOOSE ROCK RIPRAP USED AS SLOPE PROTECTION

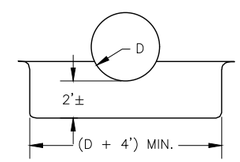
TYPICAL BEDDING DETAIL



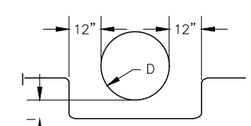
TRENCHING



YIELDING FOUNDATION

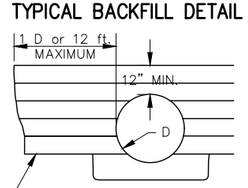


ROCK FOUNDATION



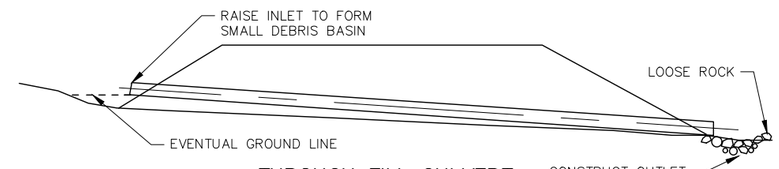
HALF–INCH PER FOOT OF FILL ABOVE TOP OF PIPE, 12" MIN. OR 3/4 D MAX.

TYPICAL BACKFILL DETAIL

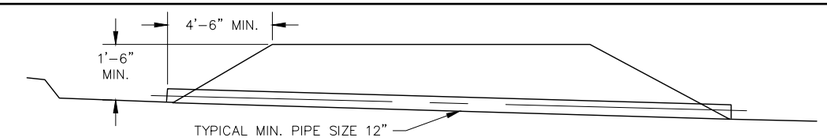


SIX–INCH COMPACTED LAYERS TO DENSITY CALLED FOR IN THE SPECIFICATIONS.

BEDDING SHALL BE SUITABLE MATERIAL, UNIFORMLY COMPACTED, AND SHAPED TO FIT THE BOTTOM OF THE PIPE.

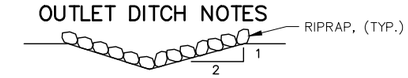


THROUGH FILL CULVERT IN INTERMITTENT DRAINAGE



FLAT DITCH SECTION

OUTLET DITCH NOTES



OUTLET DITCH WILL BE VEE BOTTOMED, WITH 2:1 SIDE SLOPES, TOPS OF SLOPES WILL BE ROUNDED TO BLEND WITH NATURAL GROUND.

GENERAL NOTES

CAMBER: PIPES SHALL BE CAMBERED AS NECESSARY TO COMPENSATE FOR ANY ANTICIPATED SETTLEMENT IN THE FOUNDATION OR BED. NORMALLY, CAMBER IS 1% OF THE PIPE LENGTH BUT NOT TO EXCEED 3/4 DIAMETER OF THE PIPE. CAMBER SHALL BE ON A PARABOLIC CURVE, WITH NO POINT ALONG THE INVERT BEING HIGHER THAN THE INVERT AT THE INLET.

FILL: A MINIMUM OF 1'0" OF COVER WILL BE REQUIRED OVER GALVANIZED STEEL PIPE. A MINIMUM FLOW GRADE OF 2% WILL BE USED IN ANY INSTALLATION, PREFERRED FLOW GRADE OF 8% WILL BE USED WHERE POSSIBLE.

TREATMENT OF DAMAGED SPELTER: THE DAMAGED OR CORRODED ENDS OF EXISTING METAL PIPE TO BE EXTENDED SHALL BE REMOVED. IF THE DAMAGED END IS FLAME CUT, THE BURNED SPELTER ON THE GALVANIZED PIPE SHALL BE WIRE BRUSHED TO CLEAN METAL, AND THE AREA SHALL BE PAINTED WITH TWO COATS OF PAINT, HIGH IN ZINC CONTENT, FOR REPAIR OF THE GALVANIZED SURFACES.

RIPRAP: RIPRAP USED ON CULVERT INLETS AND OUTLETS SHALL BE ACCORDING TO SECTION 321206, UNLESS OTHERWISE NOTED.

CULVERT INSTALLATION TABLE

RED CANYON ROAD

	STATION	MEASUREMENTS	LENGTH	INLET CATCH BASIN	OUTLET DITCH
CULVERT #1	4+27	PIPE ARCH 28" X 20"	40'	YES	YES
CULVERT #2	14+39	CONCRETE BOX CULVERT 8' X 3'	50	NO	NO
CULVERT #5	37+24	CMP 36"	60'	NO	NO
CULVERT #8	61+15	PIPE ARCH 28" X 20"	30'	YES	YES
CULVERT #11	126+25	PIPE ARCH 28" X 20"	30'	YES	YES
CULVERT #13	136+58	CMP 18"	30	YES	YES

GREENS LAKE CAMPGROUND ROAD

	STATION	MEASUREMENTS	LENGTH	INLET CATCH BASIN	OUTLET DITCH
CULVERT #1	6+32	CMP 18"	30'	YES	YES
CULVERT #2	14+39	CMP 18"'	30'	YES	YES

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PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

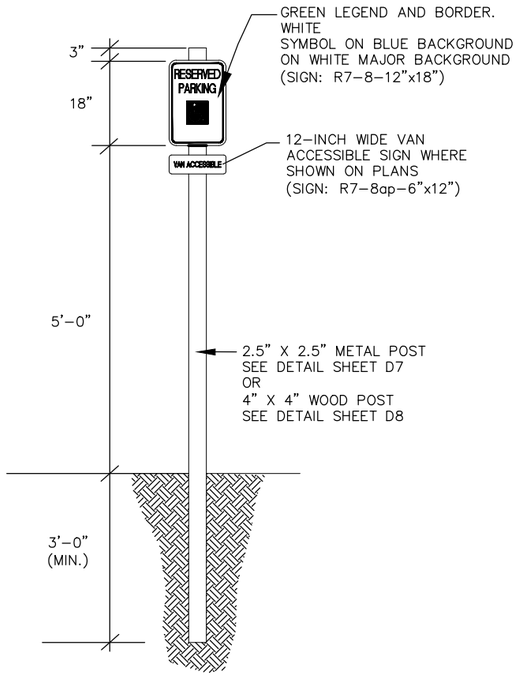
FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

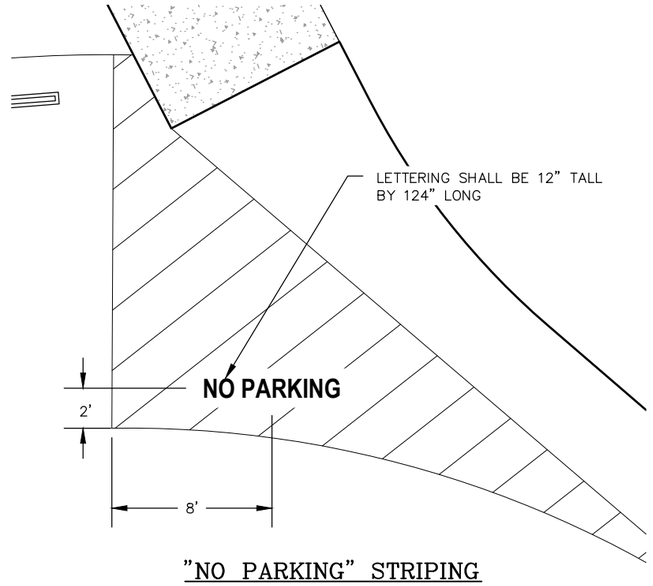
CULVERT DETAILS

DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. D5
DRAWN N.ROBINSON	
CHECKED R.ANDERSON	
PROJECT NO.	SHEET 30 OF 36

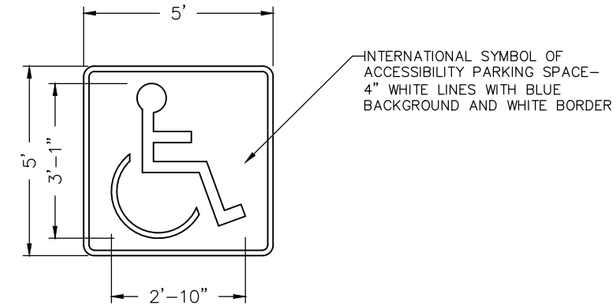
1/8/26 16:07 NATHANROBINSON C:\USERS\NATHANROBINSON\BOXENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\06_D5_CULVERTS.DWG;



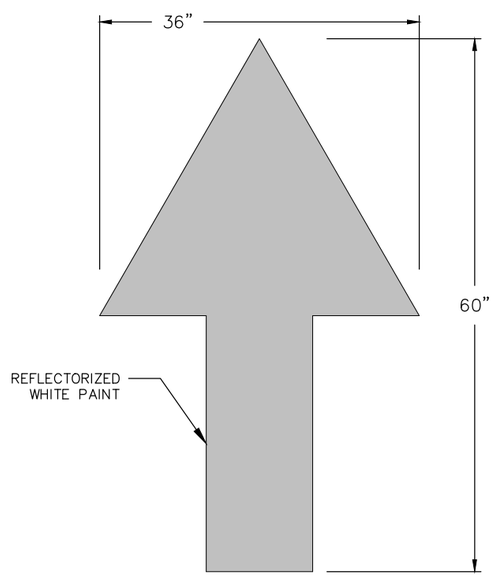
ACCESSIBLE PARKING SIGNS



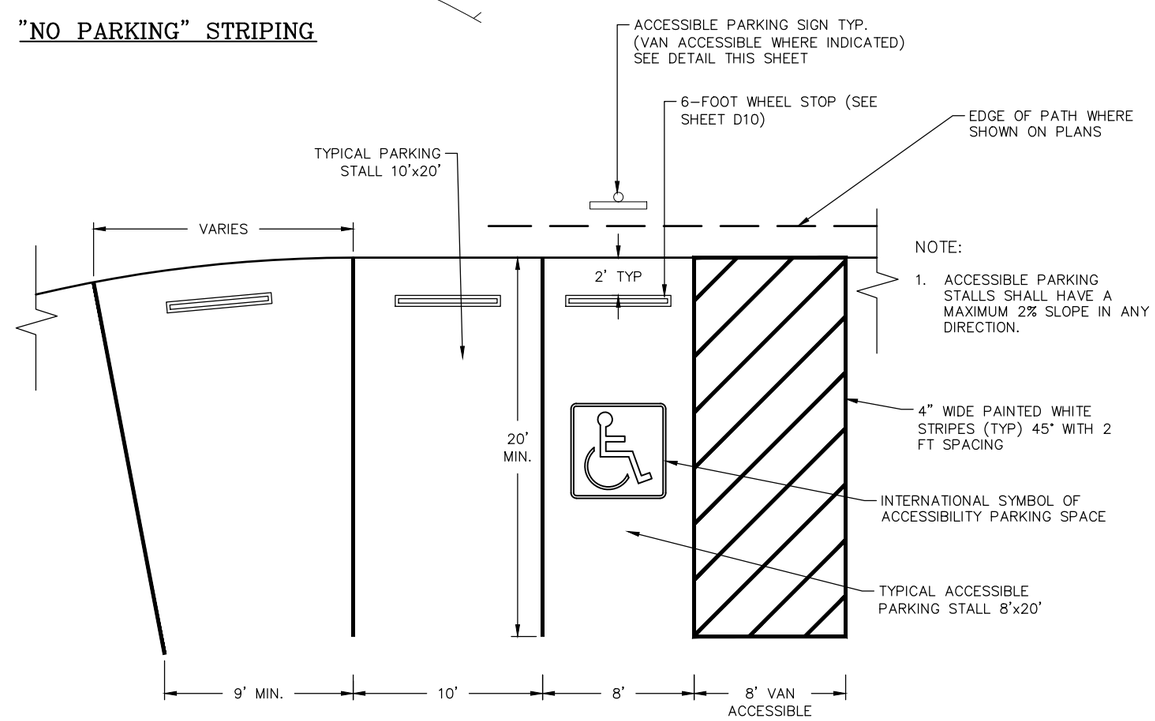
"NO PARKING" STRIPING



ACCESSIBLE SYMBOL DETAIL



DIRECTIONAL ARROW



NOTE:

1. ACCESSIBLE PARKING STALLS SHALL HAVE A MAXIMUM 2% SLOPE IN ANY DIRECTION.

ACCESSIBLE PARKING STALL AND TYPICAL PARKING STALL LAYOUT

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PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

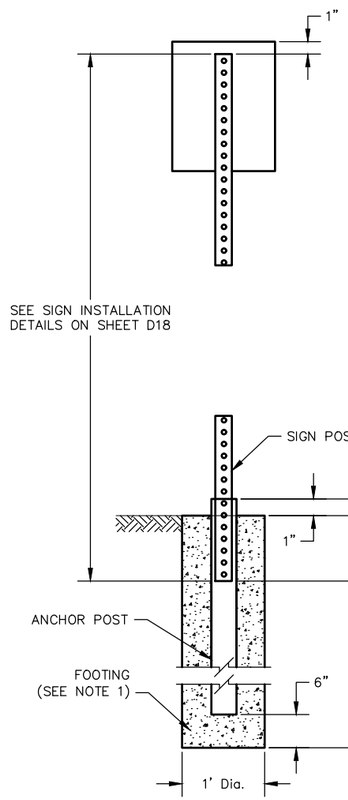
ACCESSIBLE AND TYPICAL PARKING STALL LAYOUT DETAILS

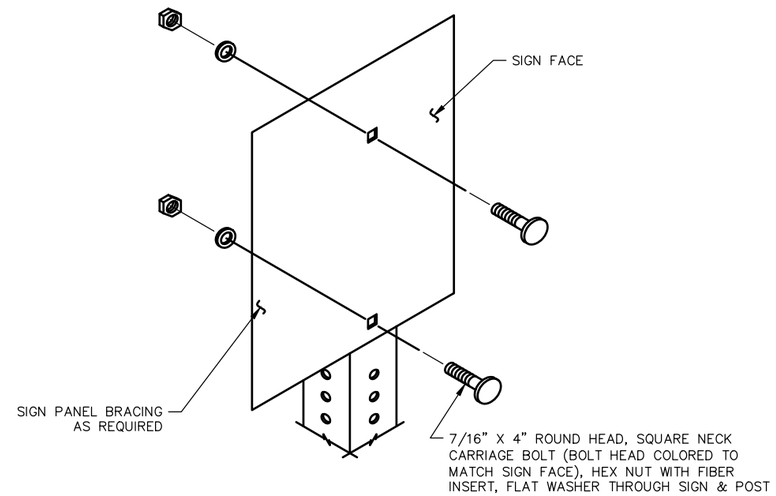
DATE
ARCHIVE NO.
DESIGNER N.ROBINSON
DRAWN N.ROBINSON
CHECKED R. ANDERSON
PROJECT NO.
DRAWING SHEET NO. **D6**
SHEET 31 OF 36

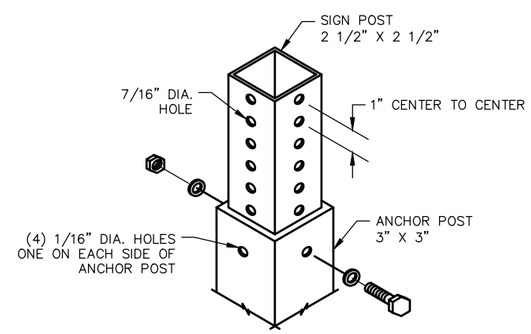
4/21/26 15:35 NATHANROBINSON C:\USERS\NATHANROBINSON\BOXENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\07_D6-7.ACCESSIBLE.STALL.RED.CYN.DWG;

NOTES:

1. FOOTINGS TO BE DRILLED HOLES AS SHOWN, & FILLED WITH CLASS A OR CLASS AA CONCRETE.







STEEL BREAKAWAY SIGN POST DETAILS

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PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

STEEL BREAKAWAY SIGN POST DETAIL

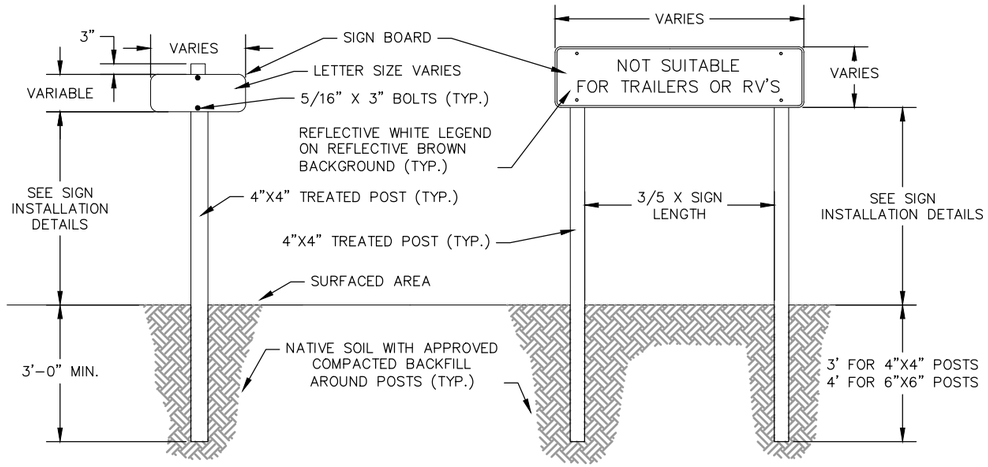
DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. D7
DRAWN N.ROBINSON	
CHECKED R. ANDERSON	
PROJECT NO.	SHEET 32 OF 36

4/21/26 15:35 NATHANROBINSON C:\USERS\NATHANROBINSON\BOXENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\07_D6-7 ACCESSIBLE STALL.RED.CYN.DWG;

NOTES:

1. SEE EM 7100-15 MANUAL FOR SIGN LAYOUT REQUIREMENTS.
2. ALL SIGN BOARDS INSTALLED ON SINGLE POSTS SHALL BE CENTERED.
3. DIMENSIONS FOR SIGN INSTALLATION ARE SCHEMATIC.
4. SEE FP-24 SPECIFICATION 718.01 FOR SIGN POST AND MATERIALS.
5. ALL SIGNS SHALL BE INSTALLED USING VANDAL RESISTANT BOLTS AND NUTS.
6. INSTALLATION DATE AND VANDAL WARNING LABELS SHALL BE INSTALLED ON ALL SIGNS IN ACCORDANCE WITH FS MANUAL EM 7100-15.
7. ALL SIGNS SHALL MEET MUTCD AND FOREST SERVICE STANDARDS.
8. CLEAR VEGETATION AS NEEDED TO MAINTAIN VISIBILITY OF SIGNS. CLEARING SHALL BE HANDLED IN ACCORDANCE WITH FP-24 SPECIFICATION 201.
9. ALL SIGNS SHALL BE INSTALLED ON A WOOD POST UNLESS OTHERWISE NOTED.
10. THE BACK OF ALL SIGNS SHALL BE PAINTED OR POWDER COAT BROWN.

* HIGHWAY SIGNS SHALL BE INSTALLED ON BREAKAWAY METAL POSTS UNLESS OTHERWISE NOTED. SIGNS WITHIN THE CAMPGROUND SHALL BE INSTALLED ON 4" X 4" PRESSURE TREATED WOOD POSTS.



SINGLE POST SIGNS

DOUBLE POST SIGNS

SIGN LIST

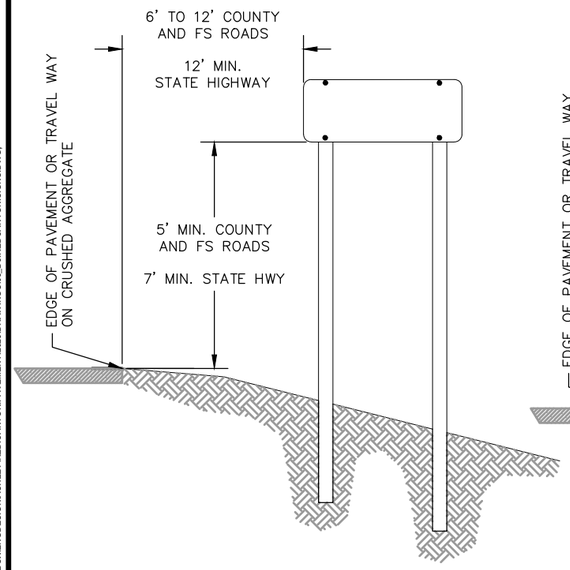
SINGLE POST SIGNS (4"X4" TREATED WOOD POSTS)

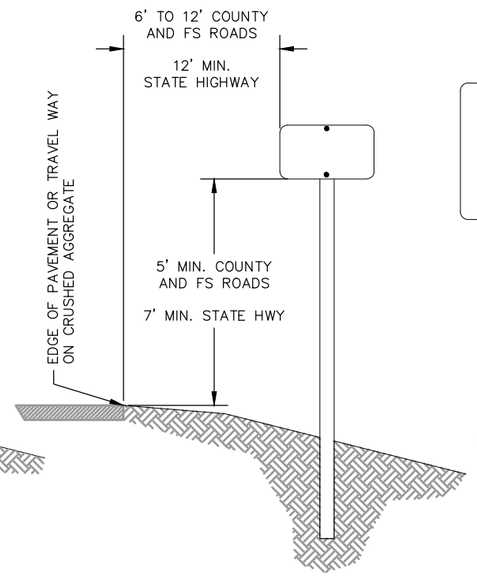
	DESCRIPTION	SIGN DESIGNATION	QTY.	SIGN MATERIAL	COLOR	SIZE (IN)
SIGN #1	ONE WAY ⇨	R6-1R	3	ALUMINUM	BLACK ON WHITE	36X12
SIGN #2	⇦ ONE WAY	R6-1L	1	ALUMINUM	BLACK ON WHITE	36X12
SIGN #3	DO NOT ENTER	R5-1	3	ALUMINUM	WHITE ON RED SYMBOL	30X30
SIGN #4	15 MIN PARKING SIGN	R7-108	1	ALUMINUM	GREEN ON WHITE	12X18
SIGN #5A	ACCESSIBLE PARKING	R7-8	3	ALUMINUM	BLUE	12X18
SIGN #5B	VAN ACCESSIBLE (PLAQUE)	R7-8aP	3	ALUMINUM	BLUE	6X12
SIGN #6	TYPE 3 OBJECT MARKER	OM3-L	6	ALUMINUM	BLACK ON YELLOW	12X36
SIGN #7	TYPE 3 OBJECT MARKER	OM3-R	6	ALUMINUM	BLACK ON YELLOW	12X36

SIGN LIST

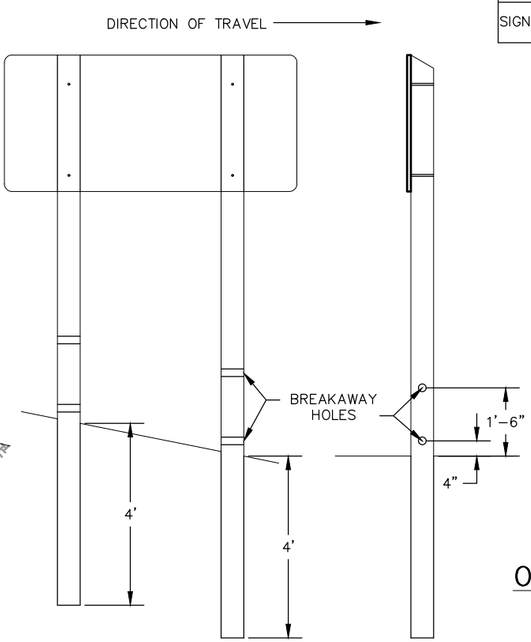
SINGLE POST SIGNS (2.5" X 2.5" METAL POSTS)

	DESCRIPTION	SIGN DESIGNATION	QTY.	SIGN MATERIAL	COLOR	SIZE (IN)
SIGN #5A	ACCESSIBLE PARKING	R7-8	1	ALUMINUM	BLUE	12X18
SIGN #5B	VAN ACCESSIBLE (PLAQUE)	R7-8aP	1	ALUMINUM	BLUE	6X12



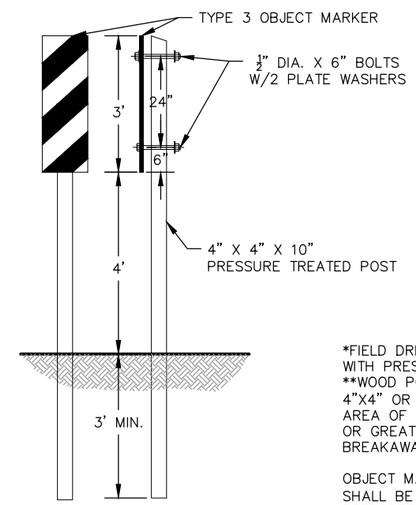


SIGN INSTALLATION DETAILS



*FIELD DRILL HOLES AND TREAT WITH PRESERVATIVES.
**WOOD POSTS LARGER THAN 4"X4" OR A CROSS SECTIONAL AREA OF 24 SQUARE INCHES OR GREATER REQUIRE BREAKAWAY POSTS.

WOOD BREAKAWAY POST DETAILS



OBJECT MARKER DETAIL

R.H. MARKER SHOWN (NO SCALE)

*FIELD DRILL HOLES AND TREAT WITH PRESERVATIVES.
**WOOD POSTS LARGER THAN 4"X4" OR A CROSS SECTIONAL AREA OF 24 SQUARE INCHES OR GREATER REQUIRE BREAKAWAY POSTS.

OBJECT MARKERS, TYPE 3 SHALL BE 12" X 36" WITH RETROREFLECTIVE STRIP BONDED TO A 16 GAGE GALVANIZED STEEL OR 14 GAGE ALUMINUM SHEET. REFELCTIVE STRIPS SHALL BE ASTM TYPE 4 RETROREFLECTIVE.

INSTALL POSTS AT LOCATION AND ANGLE DIRECTED BY THE COR.

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RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

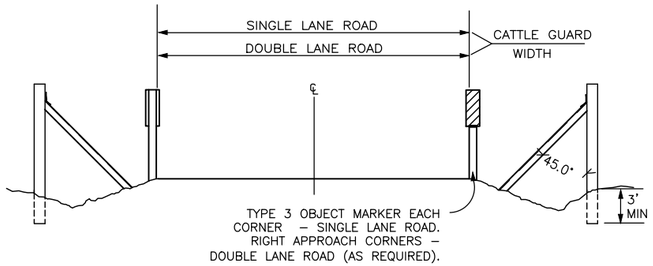
FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

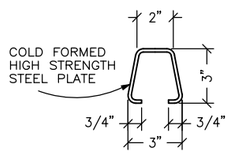
SIGN LIST AND INSTALLATION DETAILS

DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. D8
DRAWN R. BUDGE	
CHECKED R. ANDERSON	
PROJECT NO.	SHEET 33 OF 36

4/21/26 15:19 NATHANROBINSON C:\USERS\NATHANROBINSON\BOXENG\DESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\08_D8.REDCANYON.SIGNS.DWG;

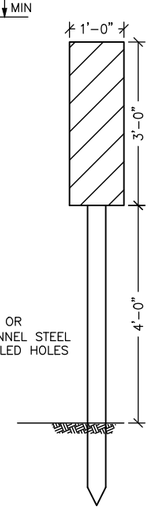


TYPICAL INSTALLATION DETAIL
(NOT TO SCALE)

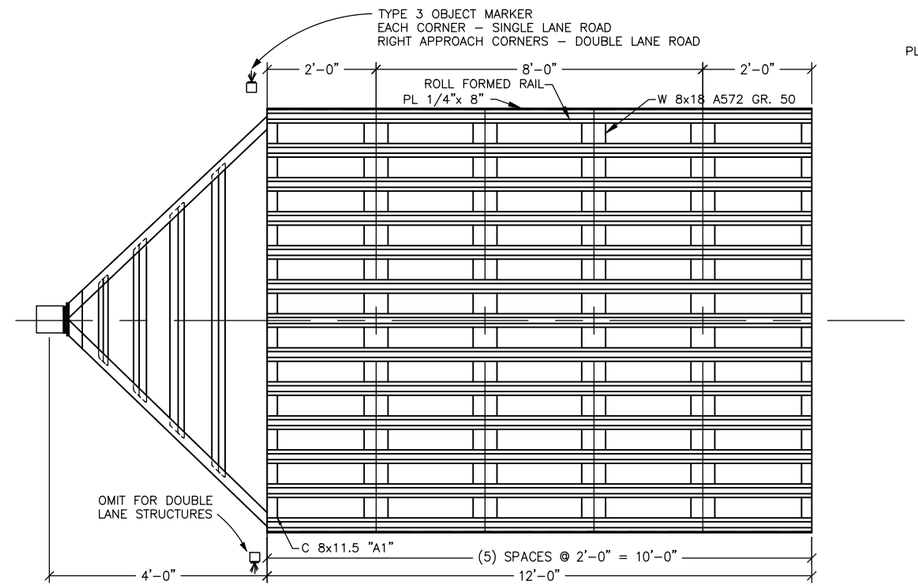


MATERIAL A572 GR. 50

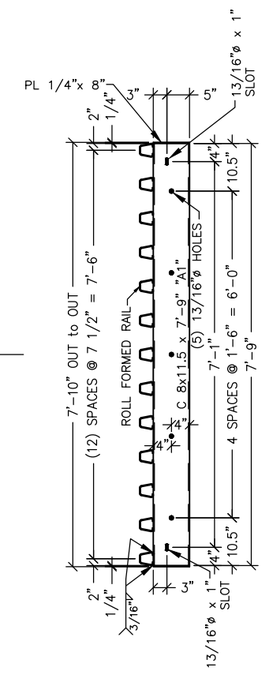
ROLL FORMED RAIL SECTION
(NOT TO SCALE)

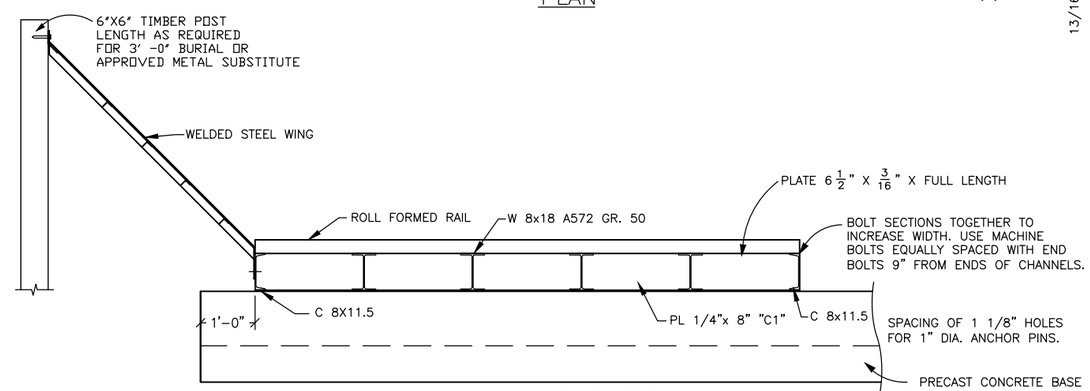


TYPE 3 OBJECT MARKER

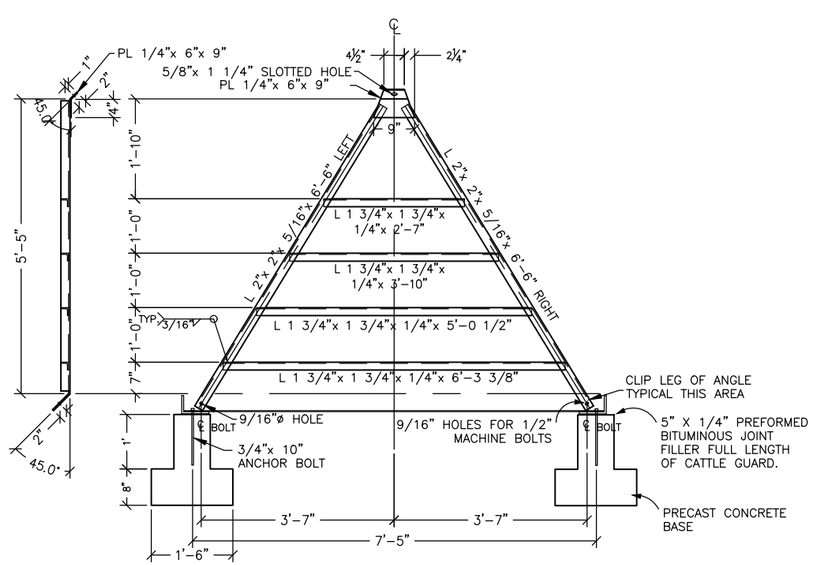


PLAN





ELEVATION



CATTLE GUARD WING DETAIL

0 1 2 4
SCALE IN FEET

GENERAL NOTES

DESIGN
–GUARD TO BE 7'–6" TO 8'–0" WIDE, LENGTH AS SPECIFIED. A BULKHEAD SHALL BE PROVIDED ALONG BOTH SIDES OF GUARD.
–GUARD SHALL PROVIDE A CLEANOUT SECTION HAVING A +2' OPENING, FULL LENGTH, NEAR CENTER OF GUARD.
–GUARD SHALL PROVIDE A POSITIVE MEANS OF HOLDING SECTIONS TOGETHER WHEN EXTENDING FOR LENGTH.
–GUARD TO BE GIVEN 2 COATS OF IRON OXIDE PAINT (COLOR AS SPECIFIED IN THE SCHEDULE OF ITEMS).
–ALTERNATVE CATTLE GUARDS MAY BE SUBMITTED FOR "AS EQUAL" APPROVAL BY CONTRACTING OFFICER.

DESIGN LOADING: AASHTO HL–93 LOADING.

STRUCTURAL STEEL: ALL STRUCTURAL STEEL EXCEPT RAIL SECTIONS SHALL CONFORM TO AASHTO DESIGNATION M183–70 (ASTM A 36). RAIL SECTIONS SHALL BE EITHER RORMED SECTIONS MADE FROM HIGH STRENGTH STEEL CONFORMING TO ASTM A 570, GRADE 45 OR BETTER. BOLTS AND PINS SHALL CONFORM TO ASTM DESIGNATION A 307. WELDING AND FABRICATION SHALL BE DONE IN ACCORDANCE WITH SECTION 555 OF THE STANDARD SPECIFICATIONS OR SPECIAL PROJECT SPECIFICATIONS.

PRECAST CONCRETE BASE: BASES SHALL BE DESIGNED TO CARRY THE CATTLEGUARD AND HS20–44 VEHICLE LOADING, INCLUDE ANCHOR BOLTS AT MAXIMUM SPACING OF 24 INCH O.C., AND LIFT HOOKS. THE DIMENSIONS OF THE BASES SHALL BE APPROXIMATELY AS SHOWN ON THE DRAWING. CONTRACTOR SHALL SUBMIT (TO THE CONTRACTING OFFICER FOR APPROVAL) FULLY DIMENSIONED FABRICATION AND CONSTRUCTION DRAWINGS FOR THE PRECAST BASES AND INCLUDE REINFORCING STEEL, ANCHOR BOLT, AND CONCRETE MATERIAL REQUIREMENTS.

ANCHOR BOLTS: SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO DESIGNATION M 111 (ASTM A 123).

OBJECT MARKER SIGNS: SHALL BE TYPE 3.

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PROJECT NAME
RED CANYON CORRIDOR PAVING

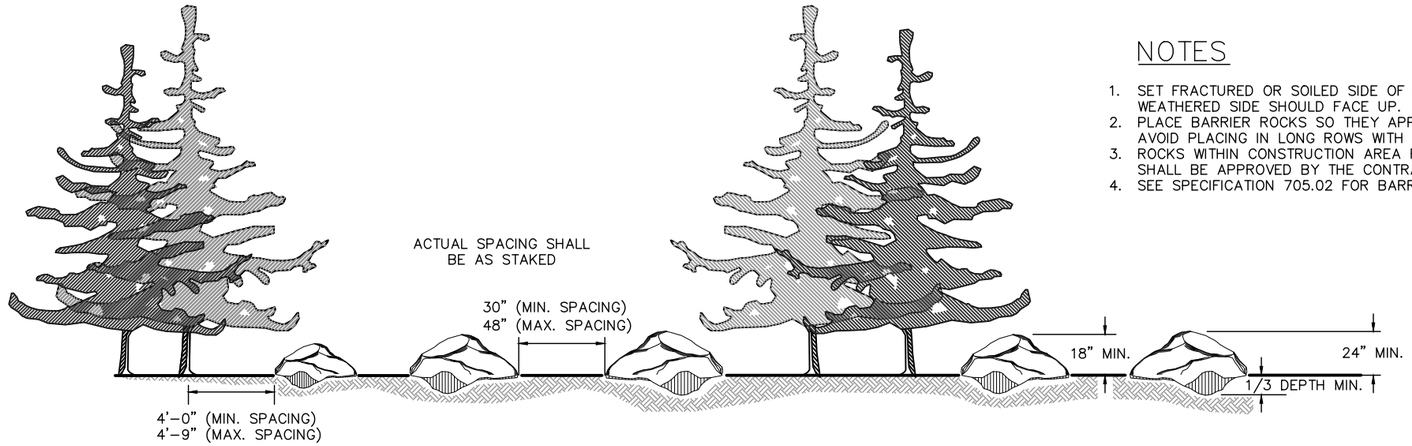
ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

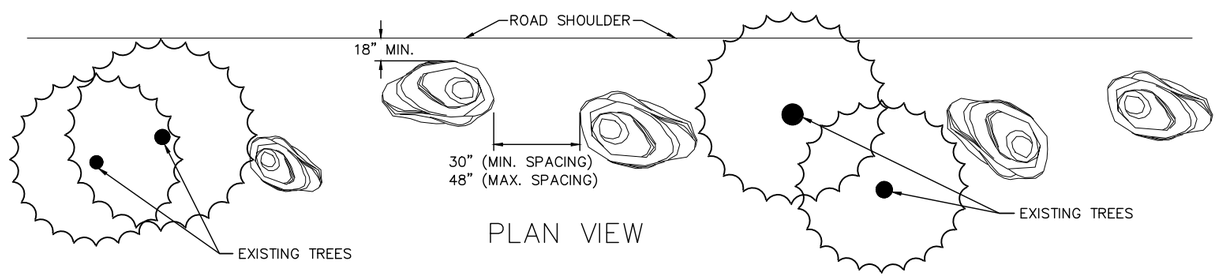
DRAWING TITLE
CATTLE GUARD DETAILS

DATE
ARCHIVE NO.
DESIGNER N.ROBINSON
DRAWN N.ROBINSON
CHECKED R. ANDERSON
PROJECT NO.
DRAWING SHEET NO. **D9**
SHEET 34 OF 36

12/22/25 13:30 NATHANROBINSON C:\USERS\NATHANROBINSON\BOXENG\DESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\09_D9_CATTLE_GRD_.DWG;



ELEVATION VIEW



PLAN VIEW

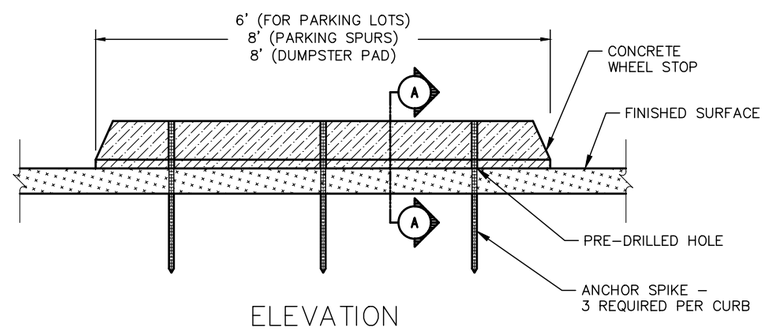
BARRIER ROCK – DETAIL

(NO SCALE)

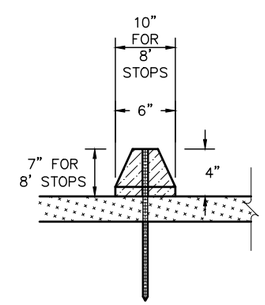
NOTES

1. SET FRACTURED OR SOILED SIDE OF ROCK INTO EARTH. WEATHERED SIDE SHOULD FACE UP.
2. PLACE BARRIER ROCKS SO THEY APPEAR AS NATURAL AVOID PLACING IN LONG ROWS WITH EQUAL SPACING.
3. ROCKS WITHIN CONSTRUCTION AREA FOR SALVAGE AND USE SHALL BE APPROVED BY THE CONTRACTING OFFICER.
4. SEE SPECIFICATION 705.02 FOR BARRIER ROCK SIZE.

NOTES:
1. INSTALL PER MANUFACTURERS SPECIFICATIONS.



ELEVATION



SECTION A–A

CONCRETE WHEEL STOP

(NO SCALE)

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PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

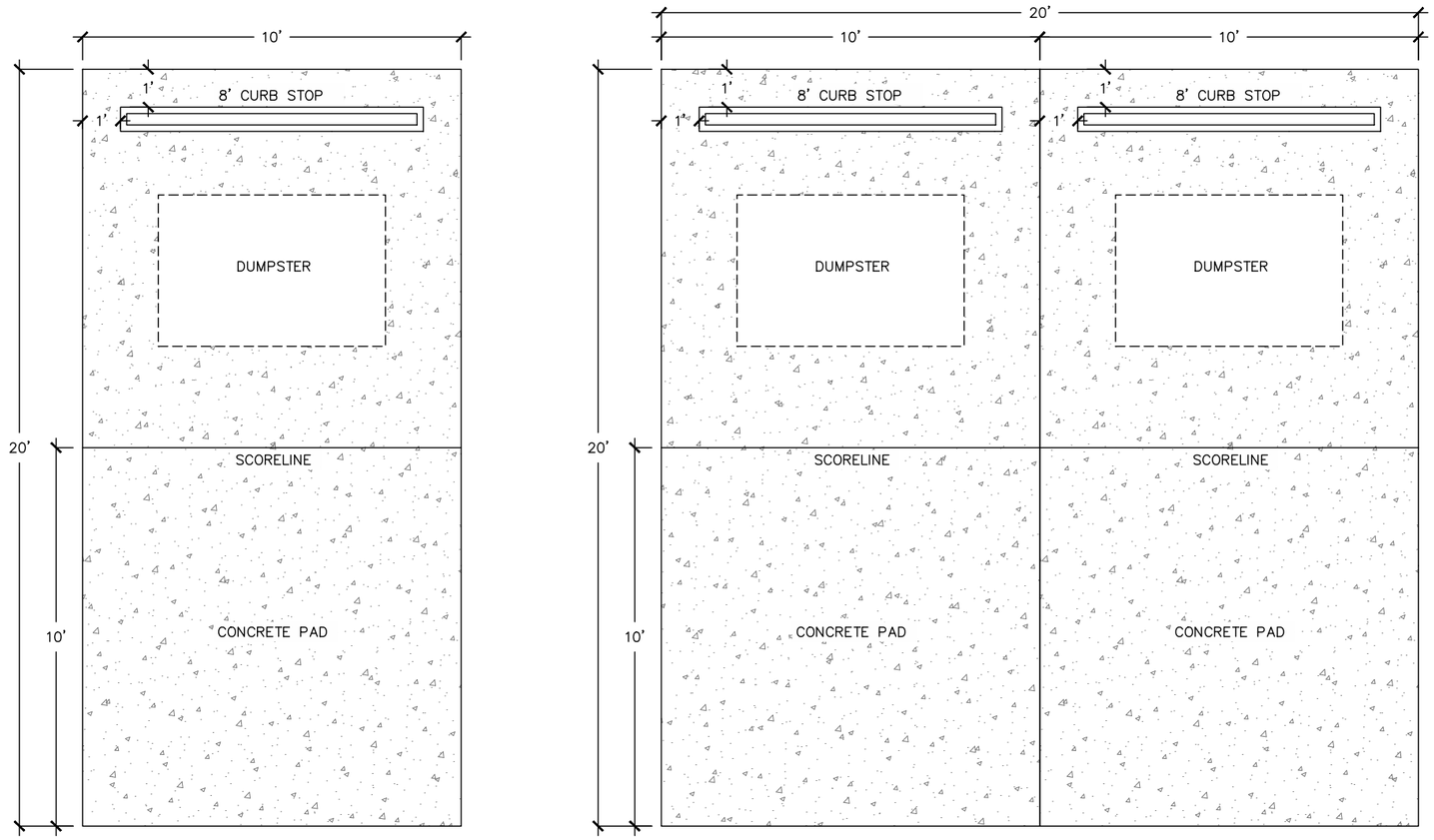
FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

BARRIER ROCK AND WHEEL STOP INSTALLATION DETAILS

DATE	ARCHIVE NO.
DESIGNER N.ROBINSON	DRAWING SHEET NO. D10
DRAWN N.ROBINSON	
CHECKED R. ANDERSON	
PROJECT NO.	SHEET 35 OF 36

4/21/26 15:38 NATHANROBINSON C:\USERS\NATHANROBINSON\BOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\10_D10-11_BARRIER_ROCKS_WHEEL_STOP_DUMPSTER.DWG;



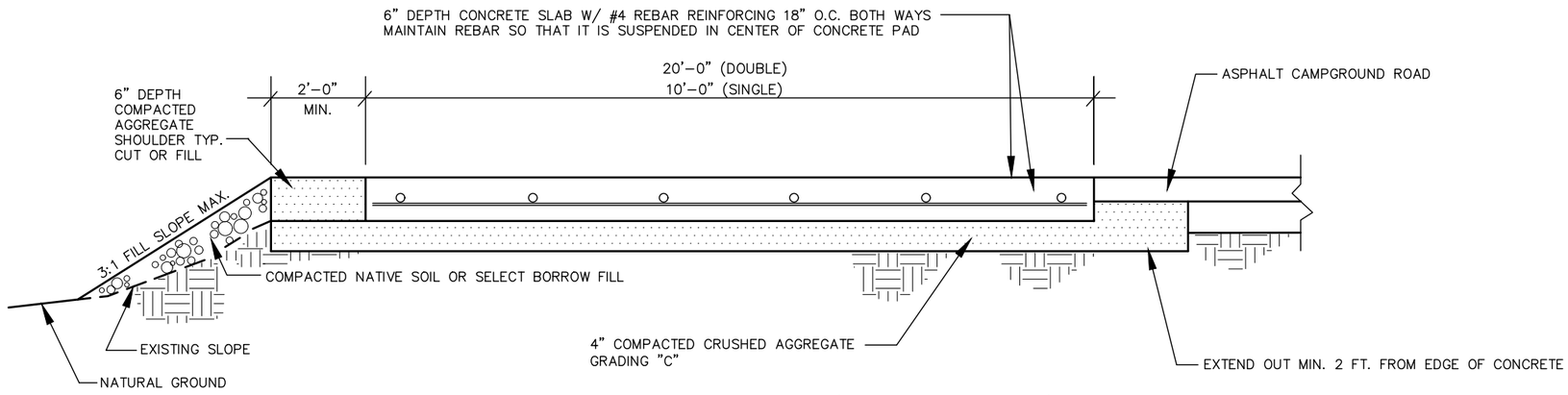
SINGLE DUMPSTER PAD (10' X20')

DOUBLE DUMPSTER PAD (20' X 20')

CONCRETE GARBAGE DUMPSTER PADS (PLAN VIEW)

(NO SCALE)

NOTE:
REMOVE AND DISPOSE OF EXISTING CONCRETE DUMPSTER PADS



GARBAGE DUMPSTER PAD (SECTION-VIEW)

(NO SCALE)

United States Department of Agriculture
Forest Service

R4
INTERMOUNTAIN REGION

STAMPS, LOGOS, AND SEALS

NO.	REVISION / ISSUE	DATE
4		
3		
2		
1		

PROJECT NAME

RED CANYON CORRIDOR PAVING

ASHLEY NATIONAL FOREST

FLAMING GORGE RANGER DISTRICT

DRAWING TITLE

DUMPSTER PAD DETAILS

DATE	ARCHIVE NO.
DESIGNER R. BUDGE	DRAWING SHEET NO. D11
DRAWN R. BUDGE	
CHECKED R. ANDERSON	
PROJECT NO.	SHEET 36 OF 36

4/21/26 15:38 NATHANROBINSON C:\USERS\NATHANROBINSONBOX\ENGDESIGN\ASHLEY\RED.CANYON.PAVEMENT.2025\DRAWINGS\10_D10-11_BARRIER_ROCKS_WHEEL_STOP_DUMPSTER.DWG;