WOLF CREEK TRAIL

CITY OF GRASS VALLEY, CA

PRELIMINARY IMPROVEMENT PLANS MARCH 16, 2023

CLIENT:

CITY OF GRASS VALLEY:
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(530) 274-4353

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LAND SURVEYING;
JOHN BAKER, PROJECT MANAGER
NEVADA CITY ENGINEERING, INC.
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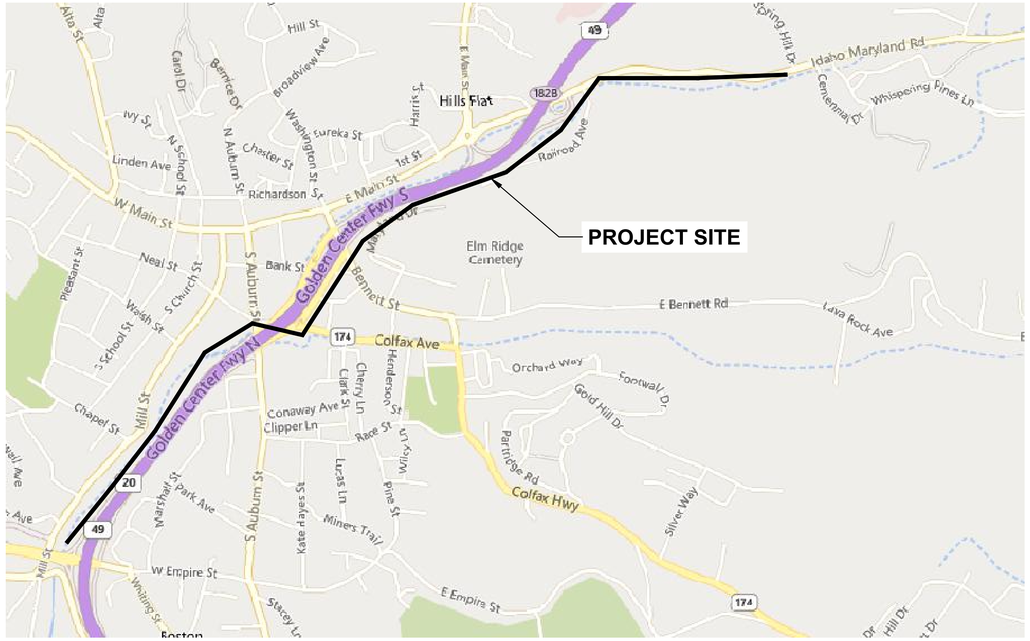
PROJECT LOCATION:



ABBREVIATIONS:

AC	ASPHALT CONCRETE PAVEMENT
AB	AGGREGATE BASE
CLR	CLEAR
℄	CENTERLINE
CONC	CEMENT CONCRETE
EOS	EDGE OF SHOULDER
EP	EDGE OF PAVEMENT
ETW	EDGE OF TRAVEL WAY
(E),EX	EXISTING
FG	FINISH GRADE
GB	GRADE BREAK
HMA	HOT MIX ASPHALT
HP	HIGH POINT
LP	LOW POINT
LF	LINEAR FEET
L/W	LIMIT OF WORK
MM	MEET AND MATCH
OC	ON CENTER
O.R.	OWNER'S REPRESENTATIVE
PED	PEDESTRIAN
PP	PRESERVE AND PROTECT
R/W	RIGHT-OF-WAY
SHLDR	SHOULDER
STA	STATION
TBD	TO BE DETERMINED
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED

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WOLF CREEK TRAIL - CITY OF GRASS VALLEY

TITLE SHEET

PRELIMINARY IMPROVEMENT PLANS

Restoration Design Group, Inc.
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www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
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STATE OF CALIFORNIA

DESIGN BY	MT,ES
DRAWN BY	JH,MT
CHECKED BY	MT,ES
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	1.0
	OF 82

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SHEET LIST TABLE:

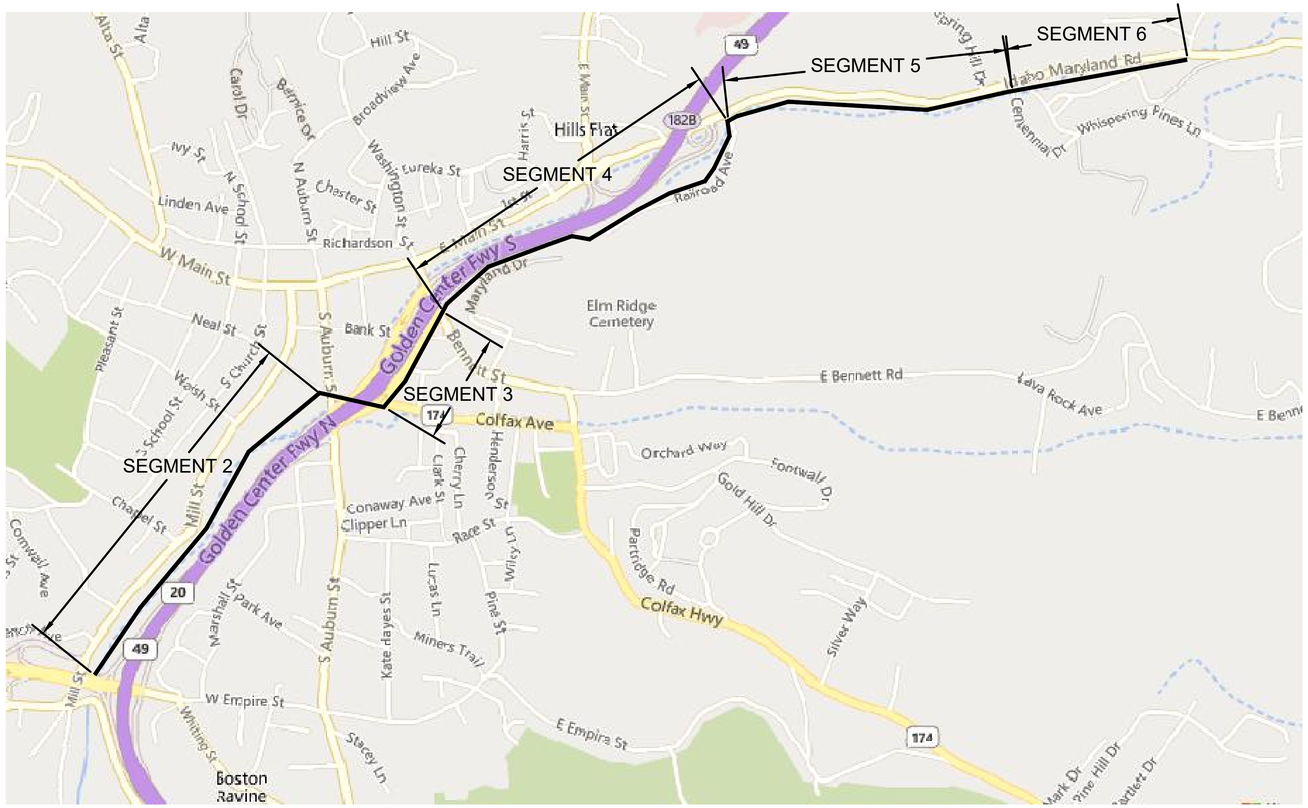
Sheet Number	Sheet Title
1.0	TITLE SHEET
1.1	GENERAL NOTES
1.2	TYPICAL SECTIONS
1.3	TYPICAL SECTIONS (2)
1.4	MATERIAL BOARD
1.5	MATERIAL BOARD
1.6	MATERIAL BOARD
2.0	BEGIN SEGMENT 2
2.1	PLAN & PROFILE (0+50 TO 4+50)
2.2	PLAN & PROFILE (4+50 TO 7+50)
2.3	PLAN & PROFILE (7+50 TO 11+50)
2.4	PLAN & PROFILE (11+50 TO 15+50)
2.5	PLAN & PROFILE (15+50 TO 19+50)
2.6	PLAN & PROFILE (19+50 TO 23+50)
2.7	PLAN & PROFILE (23+50 TO 27+50)
2.8	PLAN & PROFILE (27+50 TO 31+50)
2.9	PLAN & PROFILE (31+50 TO 35+50)
2.10	PLAN & PROFILE (35+50 TO 38+50)
2.11	CROSS SECTION (6+00 TO 7+50)
2.12	CROSS SECTION (8+00 TO 9+50)
2.13	CROSS SECTION (10+00 TO 11+50)
2.14	CROSS SECTION (12+00 TO 13+50)
2.15	CROSS SECTION (14+00 TO 16+50)
2.16	CROSS SECTION (17+00 TO 19+50)
2.17	CROSS SECTION (20+00 TO 22+50)
2.18	CROSS SECTION (23+00 TO 25+50)
2.19	CROSS SECTION (26+00 TO 28+50)
2.20	CROSS SECTION (29+00 TO 31+50)
2.21	CROSS SECTION (32+00 TO 34+50)
2.22	CROSS SECTION (35+00 TO 37+50)
3.0	BEGIN SEGMENT 3
3.1	PLAN & PROFILE (0+00 TO 3+50)
3.2	PLAN & PROFILE (3+50 TO 7+50)
3.3	PLAN & PROFILE (7+50 TO 9+67)
3.4	CROSS SECTION (1+00 TO 3+50)
3.5	CROSS SECTION (4+00 TO 7+50)
3.6	CROSS SECTION (8+00 TO 8+50)
4.0	BEGIN SEGMENT 4
4.1	PLAN & PROFILE (0+00 TO 4+00)
4.2	PLAN & PROFILE (4+00 TO 8+00)
4.3	PLAN & PROFILE (8+00 TO 12+00)
4.4	PLAN & PROFILE (12+00 TO 16+00)

Sheet Number	Sheet Title
4.5	PLAN & PROFILE (16+00 TO 20+00)
4.6	PLAN & PROFILE (20+00 TO 24+00)
4.7	PLAN & PROFILE (24+00 TO 27+50)
4.8	PLAN & PROFILE (27+50 TO 31+50)
4.9	PLAN & PROFILE (31+50 TO 34+72)
4.11	CROSS SECTION (1+00 TO 3+50)
4.12	CROSS SECTION (4+00 to 6+50)
4.13	CROSS SECTION (7+00 TO 9+50)
4.14	CROSS SECTION (10+00 TO 12+50)
4.15	CROSS SECTION (13+00 TO 15+50)
4.16	CROSS SECTION (16+00 TO 21+50)
4.17	CROSS SECTION (22+00 TO 27+50)
4.18	CROSS SECTION (28+00 TO 33+50)
5.0	BEGIN SEGMENT 5
5.1	PLAN & PROFILE (0+00 TO 4+00)
5.2	PLAN & PROFILE (4+00 TO 8+00)
5.3	PLAN & PROFILE (8+00 TO 12+00)
5.4	PLAN & PROFILE (12+00 TO 16+00)
5.5	PLAN & PROFILE (16+00 TO 20+00)
5.6	PLAN & PROFILE (20+00 TO 24+00)
5.7	PLAN & PROFILE (24+00 TO 27+50)
5.8	CROSS SECTION (3+00 TO 5+50)
5.9	CROSS SECTION (6+00 TO 9+50)
5.10	CROSS SECTION (10+00 TO 12+50)
5.11	CROSS SECTION (13+00 TO 15+50)
5.12	CROSS SECTION (16+00 TO 18+50)
5.13	CROSS SECTION (19+00 TO 21+50)
5.14	CROSS SECTION (22+00 TO 24+50)
5.15	CROSS SECTION (25+00 TO 27+50)
6.0	BEGIN SEGMENT 6
6.1	PLAN & PROFILE (27+50 TO 28+00)
6.2	PLAN & PROFILE (28+00 TO 32+00)
6.3	PLAN & PROFILE (32+00 TO 36+00)
6.4	PLAN & PROFILE (36+00 TO 40+00)
6.5	PLAN & PROFILE (40+00 TO 43+84)
6.6	CROSS SECTION (28+00 TO 30+50)
6.7	CROSS SECTION (31+00 TO 33+50)
6.8	CROSS SECTION (34+00 TO 36+50)
6.9	CROSS SECTION (37+00 TO 39+50)
6.10	CROSS SECTION (40+00 TO 42+00)

GENERAL NOTES:

1. THIS DESIGN IS BASED ON AVAILABLE LIDAR AND GIS DATA. FINAL DESIGNS WILL REQUIRE A DETAIL SURVEY AND MAY VARY FROM WHAT IS SHOWN IN THESE PLANS.
2. THE BIKE PATH MAY REQUIRE NARROWING WHERE THE PATH IS ADJACENT TO HIGHWAY 49 BETWEEN FREEMAN LANE AND NEAL STREET BASED ON THE RESULTS OF A DETAILED SURVEY. THE LIDAR DATA DOES NOT SHOW AN EXISTING RETAINING WALL OR AN OVERHEAD HIGHWAY SIGN FOR THE FREEMAN LANE OFF RAMP IN THIS LOCATION. THE PATH MAY REQUIRE ADJUSTMENT BASED ON THE ACTUAL LOCATION OF THESE FEATURES.
3. A CALTRANS DESIGN DECISION DOCUMENT IS ANTICIPATED FOR THIS PROJECT.
4. THE DESIGN FOR SEGMENT 2 STOPS SHORT OF THE PROPOSED ROUNDABOUT AT THE INTERSECTION OF SOUTH AUBURN STREET AND NEAL STREET. THE DESIGN TEAM WILL COORDINATE WITH THE ROUNDABOUT DESIGN TO ROUTE THE PATH THROUGH THE ROUNDABOUT TO THE INTERSECTION OF NEAL STREET AND HANSEN WAY.
5. ON IDAHO MARYLAND ROAD (SEGMENT 5) THE TRAIL NARROWS TO APPROXIMATELY 7.5-FT AT STATION 29+00 TO AVOID AN EXISTING BUILDING.

SEGMENT MAP:



SEGMENT TABLE:

TRAIL SEGMENT	LIMITS	SHEETS
SEGMENT 2	EXISTING PHASE 1 OF WOLF CREEK TRAIL AT FREEMAN LN AND MILL ST TO S AUBURN ST	2.0 - 2.22
SEGMENT 3	HANSEN WAY FROM COLFAX AVE TO BENNETT ST	3.0 - 3.6
SEGMENT 4	BENNETT ST TO RAILROAD AVE AND IDAHO MARYLAND RD	4.0 - 4.18
SEGMENT 5	IDAHO MARYLAND RD FROM RAILROAD AVE TO CENTENNIAL DR	5.0 - 5.15
SEGMENT 6	IDAHO MARYLAND RD FROM CENTENNIAL DR TO SUTTON WAY	6.0 - 6.10

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PRELIMINARY IMPROVEMENT PLANS

GENERAL NOTES

ENVIRONMENTAL RESOURCE S2S MANAGEMENT

RDG

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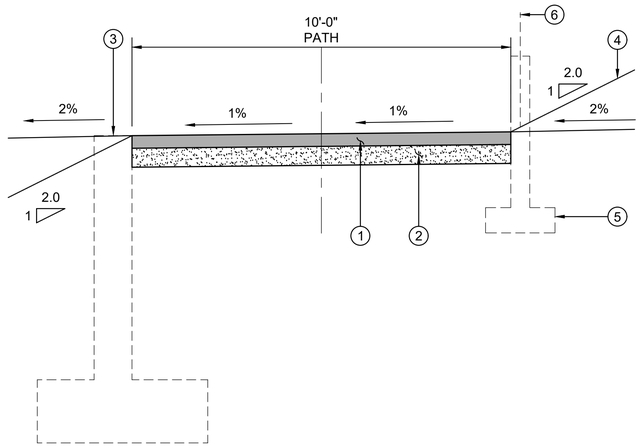
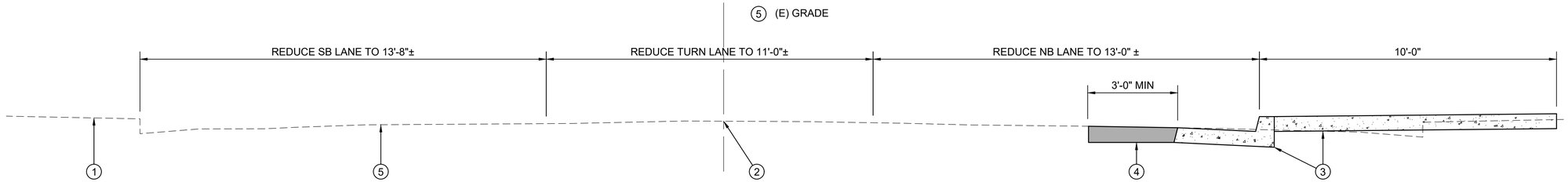


1. PLACE 3-IN OF HMA AND COMPACT TO 95% RELATIVE COMPACTION.
2. PLACE 6-IN CLASS 2 AB AND COMPACT TO 95% RELATIVE COMPACTION.
3. 2:1 FILL SLOPE, 2% CUT SLOPE, OR RETAINING WALL WITH PEDESTRIAN GUARDRAIL, SEE CROSS SECTIONS FOR EDGE TREATMENTS.
4. 2:1 CUT SLOPE, 2% FILL SLOPE OR SHORT RETAINING WALL. SEE CROSS SECTIONS FOR EDGE TREATMENTS.
5. A RETAINING WALL IS REQUIRED WHERE THE PATH IS LOCATED BETWEEN THE SAFEWAY PARKING LOT AND THE HWY 49 ONRAMP
6. ACCESS CONTROL FENCE AND/OR VEHICLE BARRIER.

SEGMENT 2 - TYPICAL SECTION HMA PATH (1)

SCALE: NTS

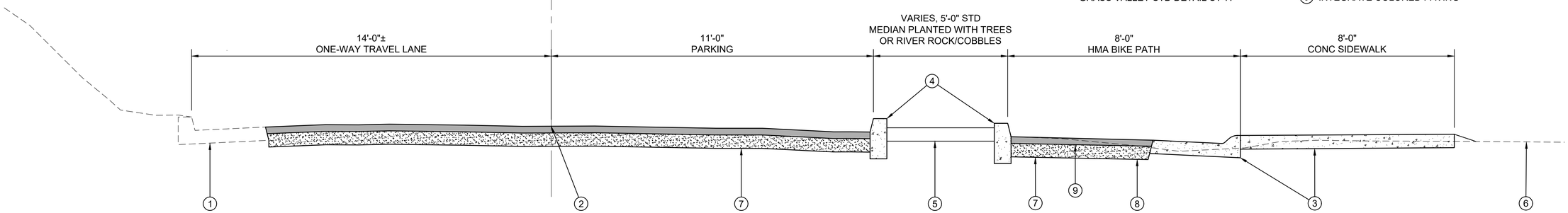
1. PP (E) CURB, GUTTER AND SIDEWALK.
2. DESIGN STATION LINE.
3. INSTALL NEW SIDEWALK AND TYPE 2 VERTICAL CURB AND GUTTER, SEE GRASS VALLEY STD DETAIL ST-3
4. CONSTRUCT HMA PATCH TO MATCH (E) AC DEPTH (6-IN MIN).
5. (E) GRADE



SEGMENT 2 - TYPICAL SECTION MILL ST (2)

SCALE: NTS

1. PP (E) CURB AND GUTTER.
2. DESIGN STATION LINE.
3. INSTALL NEW SIDEWALK AND TYPE 1 ROLLED CURB AND GUTTER, SEE CITY OF GRASS VALLEY STD DETAIL ST-3.
4. INSTALL TYPE 4 BARRIER CURB, SEE CITY OF GRASS VALLEY STD DETAIL ST-7.
5. CONSTRUCT MEDIAN AND PLANT WITH TREES.
6. (E) GRADE.
7. PLACE 3-IN HMA OVER 6-IN OF CLASS 2 AB AND COMPACT TO 95% RELATIVE COMPACTION.
8. (E) EDGE OF PAVEMENT
9. INTEGRATE COLORED PAVING



SEGMENT 3 - TYPICAL SECTION HANSEN WAY (3)

SCALE: NTS

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TYPICAL SECTIONS

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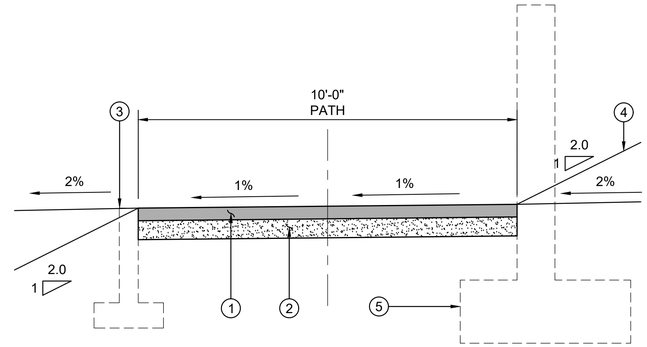

1. PLACE 3-IN OF HMA AND COMPACT TO 95% RELATIVE COMPACTION.
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4. 2:1 CUT SLOPE, 2% FILL SLOPE OR SHORT RETAINING WALL. SEE CROSS SECTIONS FOR EDGE TREATMENTS.
5. CUT RETAINING WALL ON EAST SIDE OF PROPOSED TRAIL BETWEEN EAST BENNETT STREET AND CONCRETE PLANT. SEE CROSS SECTIONS FOR EDGE TREATMENTS.

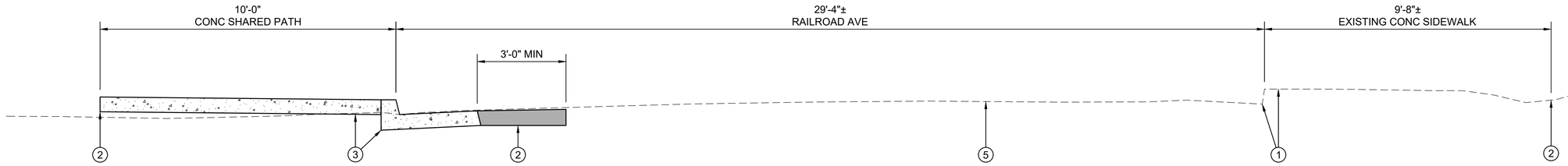
NOTES:

1. WHEN WITHIN CALTRANS R/W, INSTALL ACCESS CONTROL FENCE BETWEEN TRAIL AND HIGHWAY.

SEGMENT 4 - TYPICAL SECTION HMA PATH (1)

SCALE: NTS

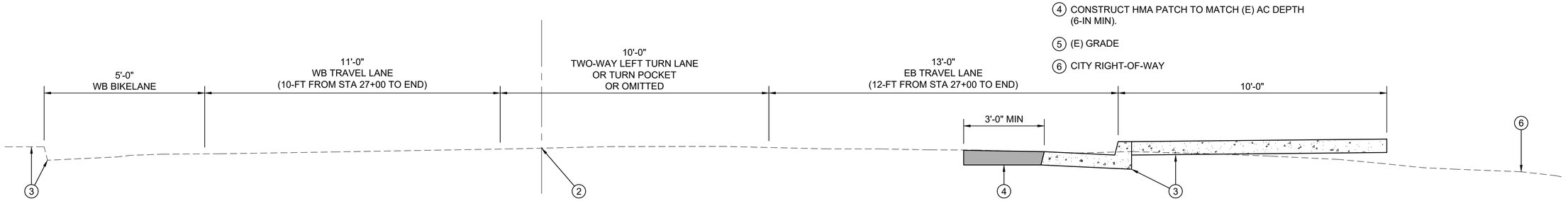
1. PP (E) CURB, GUTTER AND SIDEWALK.
2. CITY RIGHT-OF-WAY
3. INSTALL NEW SIDEWALK AND TYPE 2 VERTICAL CURB AND GUTTER, SEE GRASS VALLEY STD DETAIL ST-3
4. CONSTRUCT HMA PATCH TO MATCH (E) AC DEPTH (6-IN MIN).
5. (E) GRADE



SEGMENT 4 - TYPICAL SECTION RAILROAD AVE (2)

SCALE: NTS

1. PP (E) CURB, GUTTER AND SIDEWALK.
2. DESIGN STATION LINE.
3. INSTALL NEW SIDEWALK AND TYPE 2 VERTICAL CURB AND GUTTER, SEE GRASS VALLEY STD DETAIL ST-3
4. CONSTRUCT HMA PATCH TO MATCH (E) AC DEPTH (6-IN MIN).
5. (E) GRADE
6. CITY RIGHT-OF-WAY



SEGMENTS 5 AND 6 - TYPICAL SECTION IDAHO MARYLAND RD (3)

SCALE: NTS

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TYPICAL SECTIONS (2)

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DOWNTOWN GRASS VALLEY STREET CROSSING.

COLORED PAVING

TINTED PAVING IN SUBDUED COLORS COMPLEMENT THE HISTORIC ARCHITECTURE OF DOWNTOWN GRASS VALLEY WHILE COMMUNICATING THE DIFFERENT USER ZONES WITHIN THE ROADWAY.

USE THE SAME COLOR TINTED PAVING IN DOWNTOWN GRASS VALLEY TO TINTED CONCRETE AND ASPHALT ON THE WOLF CREEK TRAIL, CREATING A VISUAL LINKAGE BETWEEN TOWN AND TRAIL.

EXISTING PRECEDENT PROPOSED FEATURES

DIFFERENT COLORED CYCLIST AND PEDESTRIAN PAVINGS DESIGNATE USAGE TYPE. BOULDER CREEK BIKE TRAIL. BOULDER, CO.

ANOTHER EXAMPLE OF PAVING USED TO REDUCE USER CONFLICT BY DISTINGUISHING SPACES FOR CYCLISTS AND PEDESTRIANS.

CONTRASTING PAVING COLORS GUIDE TRAIL USERS THROUGH INTERSECTIONS WITH A VISUAL CONNECTION TO THE ROUTE.

AERIAL VIEW OF AN INTERSECTION WITH PAVING COLOR CONTRAST. AUSTIN, TX.

USE A UNIQUE AND DISTINCTIVE COLOR FOR PAVING ALONG THE WOLF CREEK TRIAL TO SUPPORT TRAIL BRANDING AND TO DELINEATE USAGE ALONG THE TRAIL.

INSTALL COLORED PAVING FOR THE FIRST 50-FT AT INTERSECTIONS.

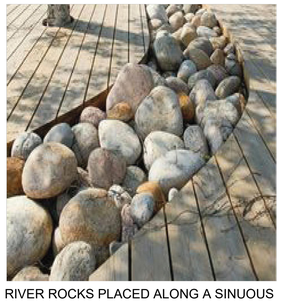
MATERIALS:

- TINTED CONCRETE AND ASPHALT
- CONTRASTING COLORS FOR PAINT STRIPING

COLOR PAVING 1
SCALE: NTS

ROCKS AND SMALL BOULDERS BORDER A CONCRETE TRAIL. WETLANDS PARK, LAS VEGAS, NV.

RIVER ROCKS ADD TEXTURE IN MEDIANS AND SMALL AREAS THAT ARE DIFFICULT TO MAINTAIN PLANTS.



RIVER ROCKS PLACED ALONG A SINUOUS CURVE ARE EVOCATIVE OF A CREEK.

INCORPORATE ROCKS AND SMALL BOULDERS AS A UNIFYING THEME ALONG THE TRAIL.

MATERIALS:

- RIVER ROCKS
- BOULDERS

TRAIL IDENTITY 2
SCALE: NTS

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PRELIMINARY IMPROVEMENT PLANS

MATERIAL BOARD

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

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EXISTING GABION WALLS AT NORTHSTAR MINING MUSEUM

EXISTING METAL FENCE AND RAILING AT NORTHSTAR MINING MUSEUM

GABION WALLS & METAL FENCE

GABION WALLS AT THE NORTHSTAR MINING MUSEUM AND COMPLETED SEGMENT OF THE WOLF CREEK TRAIL ARE ATTRACTIVE, FUNCTIONAL AND PROVIDE A LANGUAGE THAT CAN BE REPEATED IN OTHER TRAIL DESIGN ELEMENTS.

THE POWDER COATED, RUST COLORED METAL FENCE AND BRIDGE RAILING HARMONIZE WITH THE RUSTED ARTIFACTS OF THE NORTHSTAR MINING MUSEUM AND SURROUNDING LANDSCAPE. CREATE A COHESIVE TRAIL IDENTITY BY REPEATING EXISTING FENCE AND BRIDGE MATERIALS THROUGHOUT FUTURE TRAIL SEGMENTS.

EXISTING PRECEDENTS
PROPOSED FEATURES

GABION WALLS ALONG HIGHWAYS

LOW, SINUOUS GABION WALLS WITH INTEGRATED SEATING SUGGEST A MEANDERING CREEK.

RUSTIC STONE WALL

USE GABIONS FOR LOW RETAINING WALLS TO STRENGTHEN THE TRAIL IDENTITY.

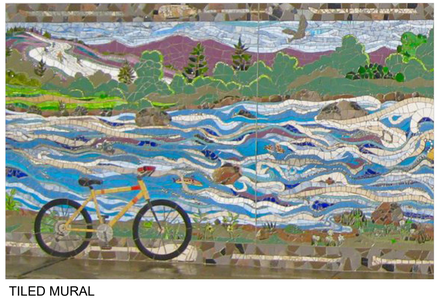
MATERIALS:

- GABION WALLS
- DRY STACKED OR MORTARED STONE WALLS

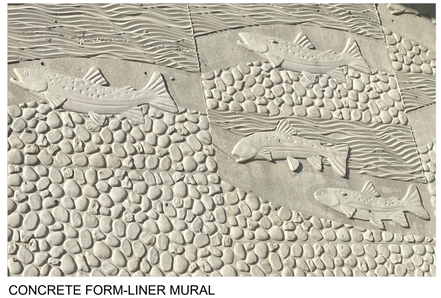
STONE WALL 1

SCALE: NTS

PAINTED MURAL



TILED MURAL



CONCRETE FORM-LINER MURAL

CONTINUE TO MOVE FORWARD WITH A COMMUNITY DRIVEN MURAL UNDER HIGHWAY 20.

FOR LARGER CONCRETE WALLS, INCORPORATE ADDITIONAL MURALS OR USE CUSTOM FORM-LINERS TO EMBED ART ALONG THE CAST-IN-PLACE WALLS.

MATERIALS:

- PAINTED MURALS
- TILED MURALS
- CONCRETE FORM-LINERS

MURAL 2

SCALE: NTS

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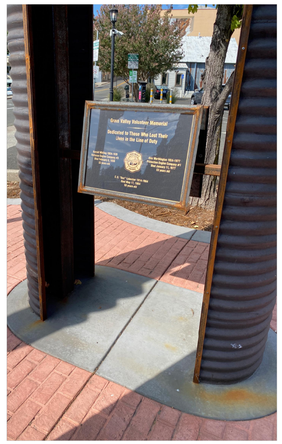
CHECKED BY	
SCALE	N/A
DATE	MARCH 16, 2023
SHEET	1.5 OF 82

C:\USERS\HOT\RESTORATION DESIGN GROUP\PROJECTS - DOCUMENTS\WOLF CREEK TRAIL\M MATERIALS\DWG PLOTTED ON: 3/15/2023



EXISTING GRASS VALLEY VETERANS MEMORIAL WITH SALVAGED METAL

MINING ARTIFACTS AT THE NORTHSTAR MINING MUSEUM

EXISTING WOLF CREEK TRAIL NORTHSTAR MINING MUSEUM SIGN

EXISTING WOLF CREEK INTERPRETIVE PANELS

EXISTING WOLF CREEK TRAIL WAYFINDING BOLLARD

GATEWAYS, WAYFINDING & INTERPRETATION

THE USE OF SALVAGED METAL WITH ITS RUST PATINA AT THE VETERANS MEMORIAL AND THE METAL MINING ARTIFACTS AT THE NORTHSTAR MINING MUSEUM INFORM THE PROPOSED STRATEGIES FOR GATEWAYS, WAYFINDING AND INTERPRETATIVE SIGNAGE OF THE WOLF CREEK TRAIL SEGMENTS.

USE METAL FENCES AS OPPORTUNITIES TO INSTALL INTERPRETIVE PANELS AND SIMPLE WOODEN WAYFINDING BOLLARDS FOR EFFECTIVE WAYS TO HELP USERS NAVIGATE TRAILS.

EXISTING PRECEDENTS
PROPOSED FEATURES

GATEWAY WITH ROUGH HEWN TIMBER, CUT-OUT WEATHERED STEEL AND SALVAGED METAL ARTIFACTS

BOULDER MONUMENT SIGNAGE

GABION WITH LASER CUT METAL SIGNAGE

GABION WAYFINDING OBELISK

DEPLOY CONSISTENT MATERIALS AND STRATEGIES AT TRAIL ENTRANCES TO BOLSTER THE IDENTITY OF THE WOLF CREEK TRAIL

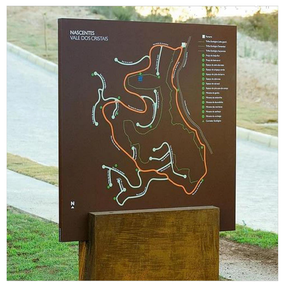
USE MINING ERA MATERIALS SUCH AS ROUGH-HEWN WOOD, WEATHERED STEEL, AND GABION BASKETS AS THE GRAPHIC LANGUAGE FOR ENTRY MONUMENTS.

MATERIALS:

- ROUGH-HEWN TIMBER
- CUT-OUT WEATHERED STEEL
- ENGRAVED BOULDERS
- GABIONS

GATEWAY 1
SCALE: NTS

WEATHERED STEEL INTERPRETATIVE SIGNAGE WITH ETCHINGS AND IMAGES



'YOU ARE HERE' TRAIL MAP

CUT-OUT METAL WITH ETCHING

PROVIDE DURABLE SIGNAGE ALONG THE TRAIL USING CONSISTENT MATERIALS.

INCORPORATE THE SIGNAGE INTO SITE FEATURES, SUCH AS GUARDRAILS, PAVING, AND ENTRY MONUMENTATION AT GATEWAYS AND ALONG THE TRAIL.

MATERIALS:

- WOOD
- CUT-OUT WEATHERED STEEL
- ENGRAVED METAL

WAYFINDING AND INTERPRETATION 2
SCALE: NTS

REVISIONS

DATE	DESCRIPTION
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WOLF CREEK TRAIL - CITY OF GRASS VALLEY

PRELIMINARY IMPROVEMENT PLANS

MATERIAL BOARD

ENVIRONMENTAL RESOURCE S2S MANAGEMENT

RDG
Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED LANDSCAPE ARCHITECT ERIK STROMBERG #5539 STATE OF CALIFORNIA
SIGNATURE 05/31/23 RENEWAL DATE DATE

DESIGN BY	
DRAWN BY	
CHECKED BY	
SCALE	N/A
DATE	MARCH 16, 2023
SHEET	1.6

OF 82

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SEGMENT 2

LIMITS: EXISTING PHASE 1 OF WOLF CREEK TRAIL AT FREEMAN LN AND MILL ST TO S AUBURN ST

811
CALL BEFORE YOU DIG
UNDERGROUND SERVICE ALERT

2 WORKING DAYS
BEFORE YOU DIG CALL USA
TOLL FREE 811

REVISIONS	
DATE	DESCRIPTION
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WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO S AUBURN ST

PRELIMINARY IMPROVEMENT PLANS

BEGIN SEGMENT 2

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

RDG
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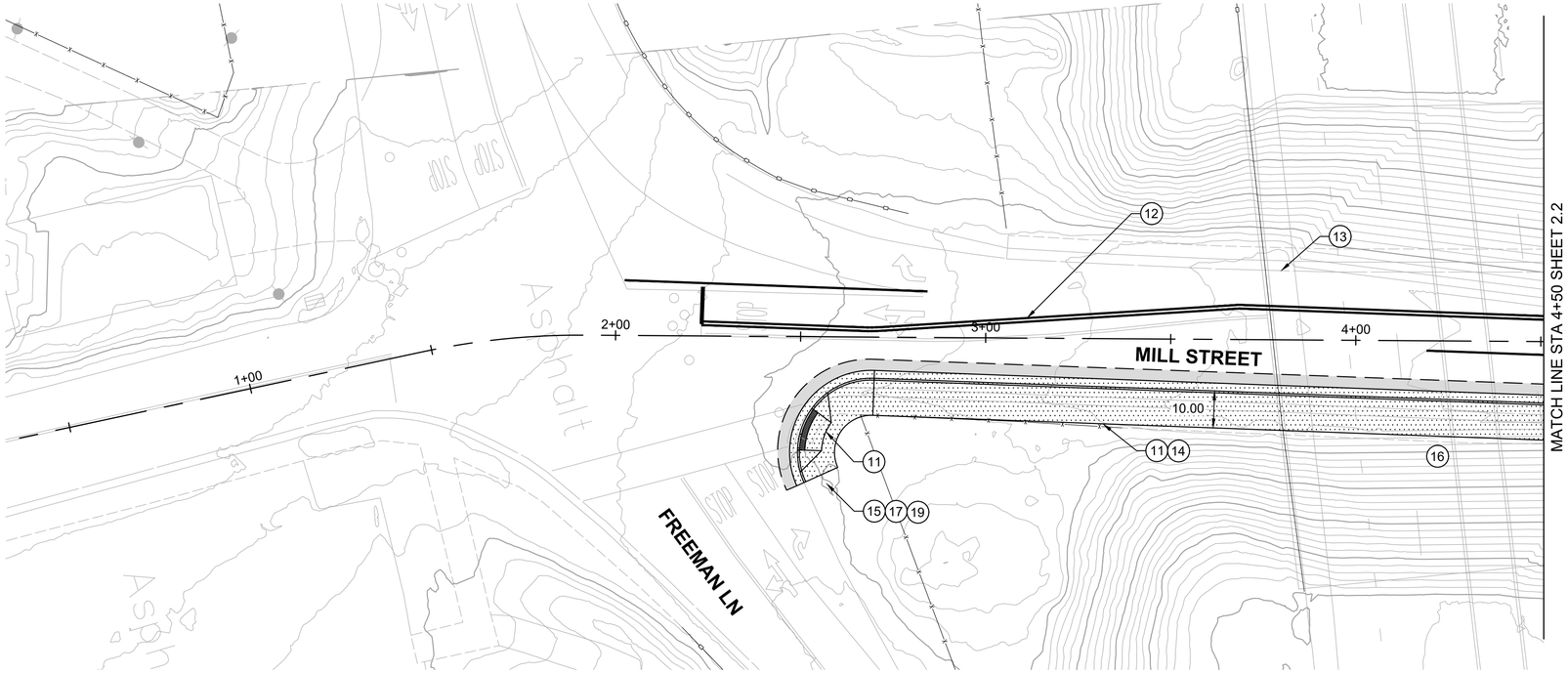
www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

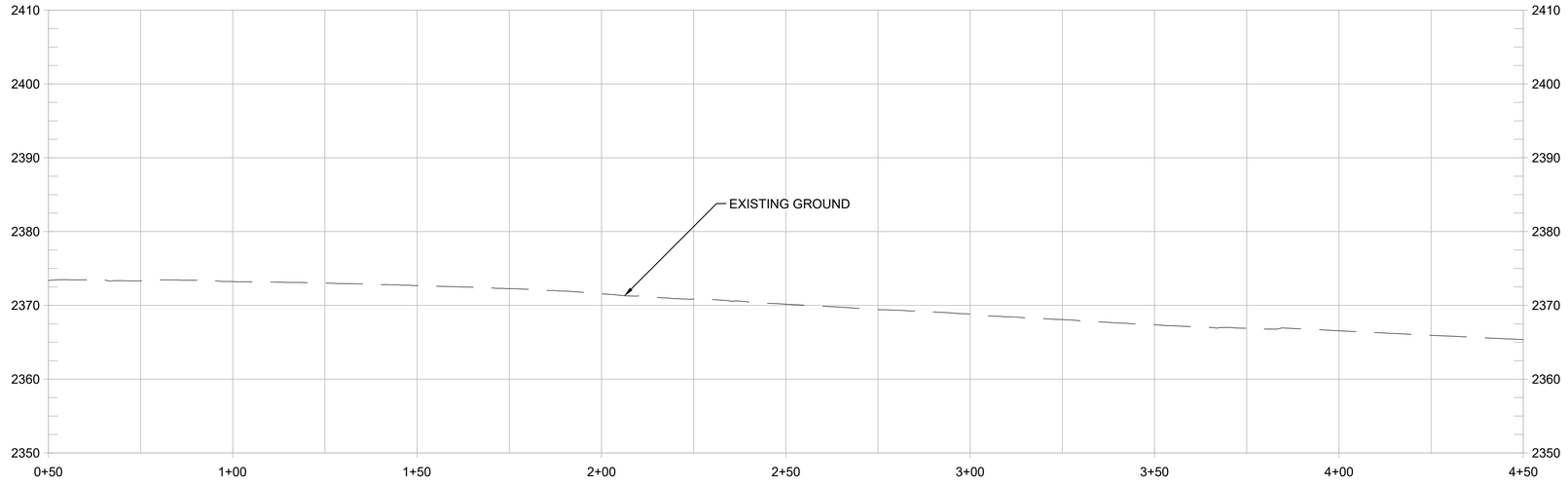
DESIGN BY	ES,MT
DRAWN BY	ES,MT
CHECKED BY	ES,MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	2.0
	OF 82

C:\USERS\H2OTHRESTORATION DESIGN GROUP\PROJECTS - DOCUMENTS\WOLF CREEK TRAIL\04 AUTOCAD\WORKING DRAWINGS\SHEETS\SEGMENT 2\SEG-2-WLF-BEG.DWG PLOTTED ON: 3/15/2023



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.
2. STRIPING LAYOUT IS APPROXIMATE AND FINAL DESIGN MAY VARY.

CONSTRUCTION NOTES:

1. CONSTRUCT 10-FT WIDE HMA PATH WITH 1% CROSS SLOPE. (1/1.2)
2. CONSTRUCT FILL RETAINING WALL WITH BIKE RAILING.
3. CONSTRUCT CUT RETAINING WALL OR ROCKERY. (1/1.5)
4. REMOVE EXISTING ACCESS CONTROL FENCE AND RELOCATE TO BETWEEN TRAIL AND HWY 49 SHLDR EP.
5. CONSTRUCT NEW MIDWEST GUARDRAIL SYSTEM (OR APPROVED EQUAL).
6. CONSTRUCT NEW CONC VEHICLE BARRIER WITH NEW ACCESS CONTROL FENCE.
7. REMOVE EXISTING GUARDRAIL.
8. PRESERVE AND PROTECT EXISTING RETAINING WALL.
9. EXISTING FREEWAY SIGN MAY REQUIRE RELOCATING AND/OR NARROWING OF PATH WIDTH.
10. PATH ALIGNMENT AND/OR WIDTH MAY REQUIRE ADJUSTMENT TO AVOID EXISTING STREET LIGHT POLE.
11. REMOVE AND RECONSTRUCT CONC SIDEWALK WITH PED CURB RAMP.
12. REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP. (2/1.2)
13. PRESERVE AND PROTECT EXISTING CONC SIDEWALK.
14. INTEGRATE COLOR PAVING (1/1.4)
15. PROVIDE TRAIL IDENTITY ELEMENT (2/1.4)
16. INSTALL MURAL (2/1.5)
17. PROVIDE GATEWAY ELEMENT (1/1.6)
18. INSTALL INTERPRETIVE ELEMENT (2/1.6)
19. INSTALL WAYFINDING ELEMENT (2/1.6)

REVISIONS	
DATE	DESCRIPTION
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WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO S AUBURN ST

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (0+50 TO 4+50)

Restoration Design Group, Inc.
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www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
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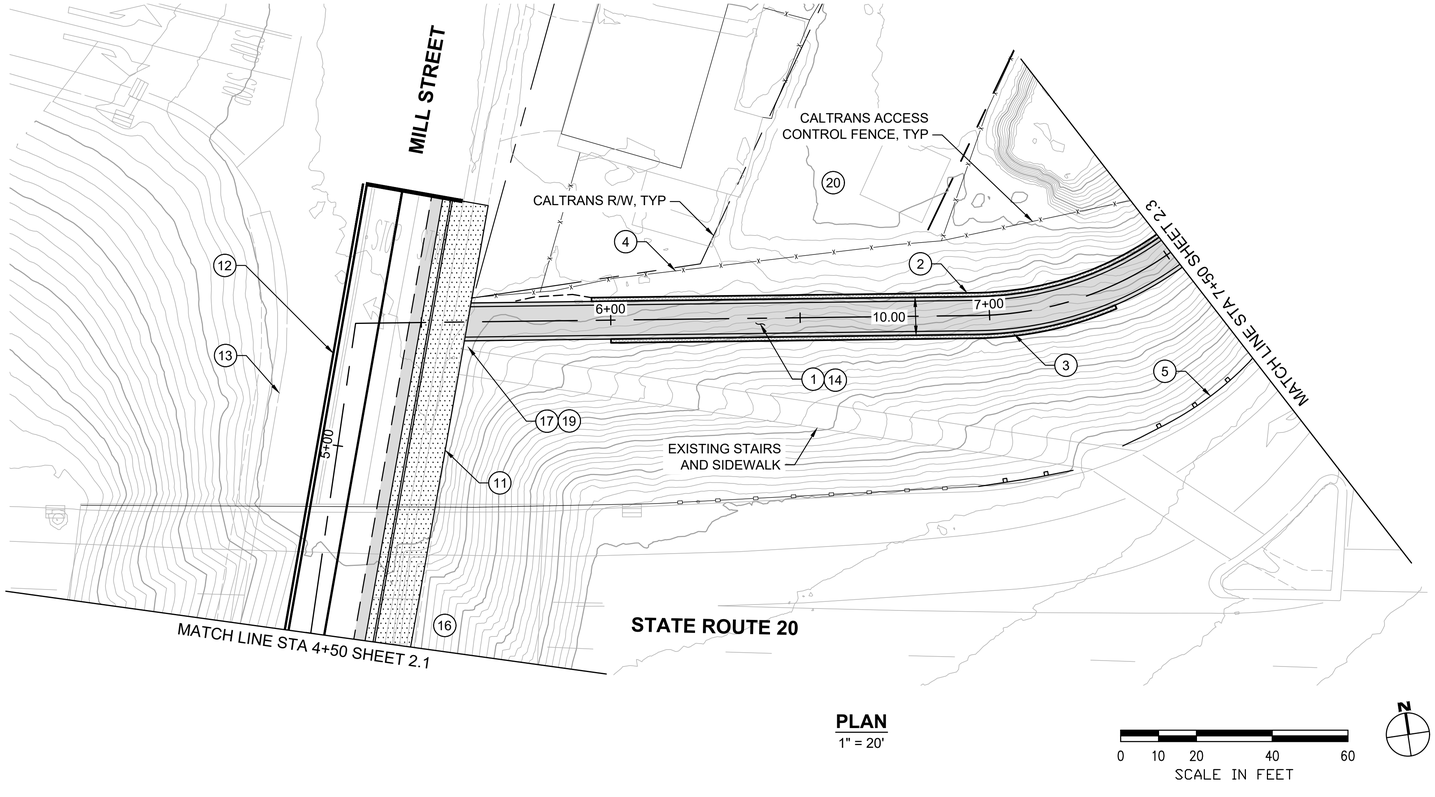
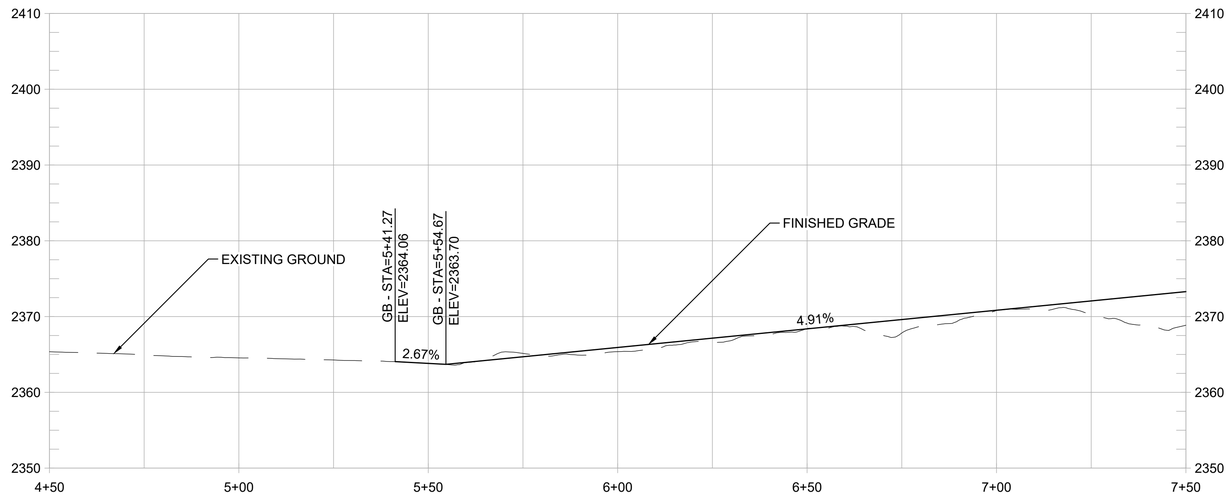
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	2.1
	OF 82

C:\USERS\H2OTH\RESTORATION DESIGN GROUP\PROJECTS - DOCUMENTS\WOLF CREEK TRAIL\04 AUTOCAD\WORKING DRAWINGS\SHEETS\SEGMENT 2\SEG-2-WLF-PLAN-PROFILE-(1).DWG PLOTTED ON: 3/15/2023



PLAN
1" = 20'



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.
2. STRIPING LAYOUT IS APPROXIMATE AND FINAL DESIGN MAY VARY.

CONSTRUCTION NOTES:

1. CONSTRUCT 10-FT WIDE HMA PATH WITH 1% CROSS SLOPE. (1/1.2)
2. CONSTRUCT FILL RETAINING WALL WITH BIKE RAILING.
3. CONSTRUCT CUT RETAINING WALL OR ROCKERY. (1/1.5)
4. REMOVE EXISTING ACCESS CONTROL FENCE AND RELOCATE TO BETWEEN TRAIL AND HWY 49 SHLDR EP.
5. CONSTRUCT NEW MIDWEST GUARDRAIL SYSTEM (OR APPROVED EQUAL).
6. CONSTRUCT NEW CONC VEHICLE BARRIER WITH NEW ACCESS CONTROL FENCE.
7. REMOVE EXISTING GUARDRAIL.
8. PRESERVE AND PROTECT EXISTING RETAINING WALL.
9. EXISTING FREEWAY SIGN MAY REQUIRE RELOCATING AND/OR NARROWING OF PATH WIDTH.
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12. REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP. (2/1.2)
13. PRESERVE AND PROTECT EXISTING CONC SIDEWALK.
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15. PROVIDE TRAIL IDENTITY ELEMENT (2/1.4)
16. INSTALL MURAL (2/1.5)
17. PROVIDE GATEWAY ELEMENT (1/1.6)
18. INSTALL INTERPRETIVE ELEMENT (2/1.6)
19. INSTALL WAYFINDING ELEMENT (2/1.6)
20. CREATE A POCKET PARK CONNECTED TO WOLF CREEK TRAIL. DESIGN TO BE DETERMINED.

REVISIONS	
DATE	DESCRIPTION
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WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO S AUBURN ST

PRELIMINARY IMPROVEMENT PLANS

PLAN & PROFILE (4+50 TO 7+50)

Restoration Design Group, Inc.
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www.restorationdesigngroup.com

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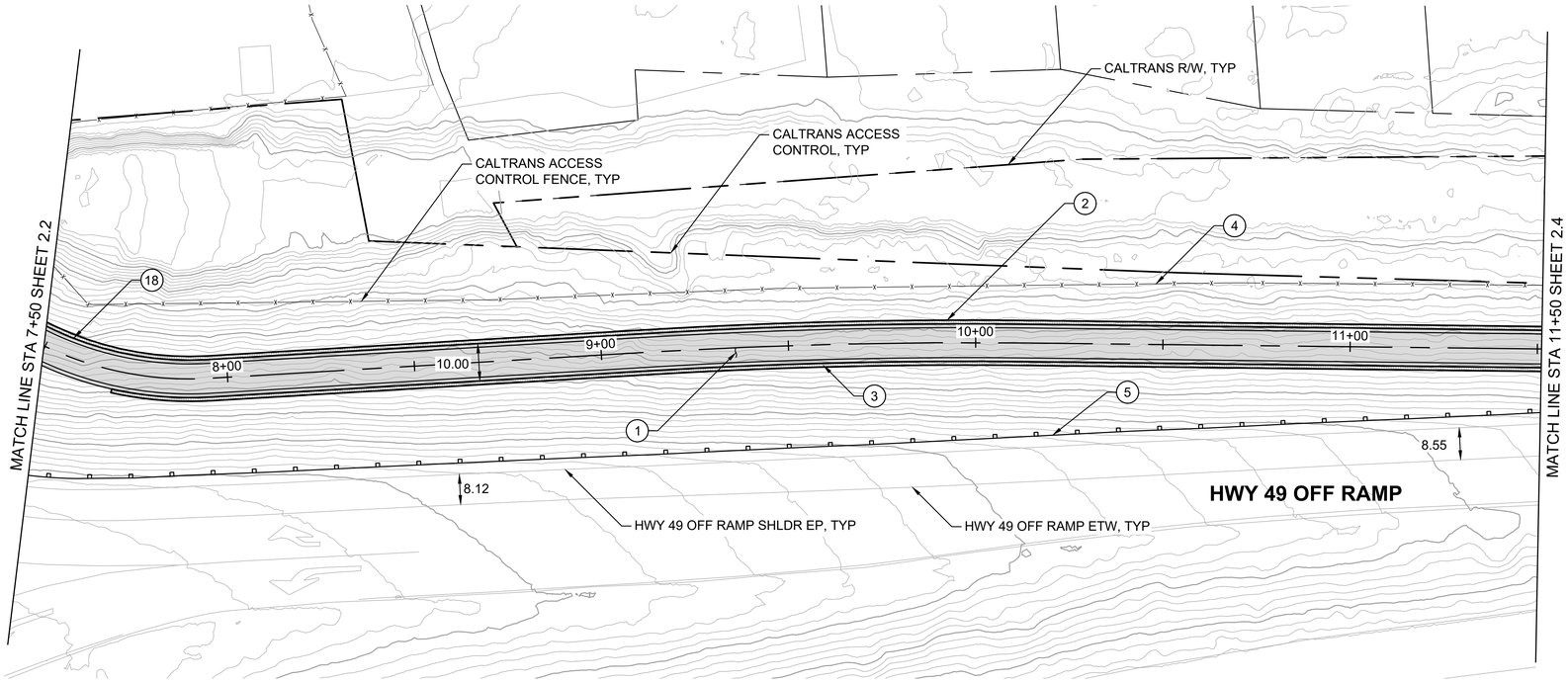
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

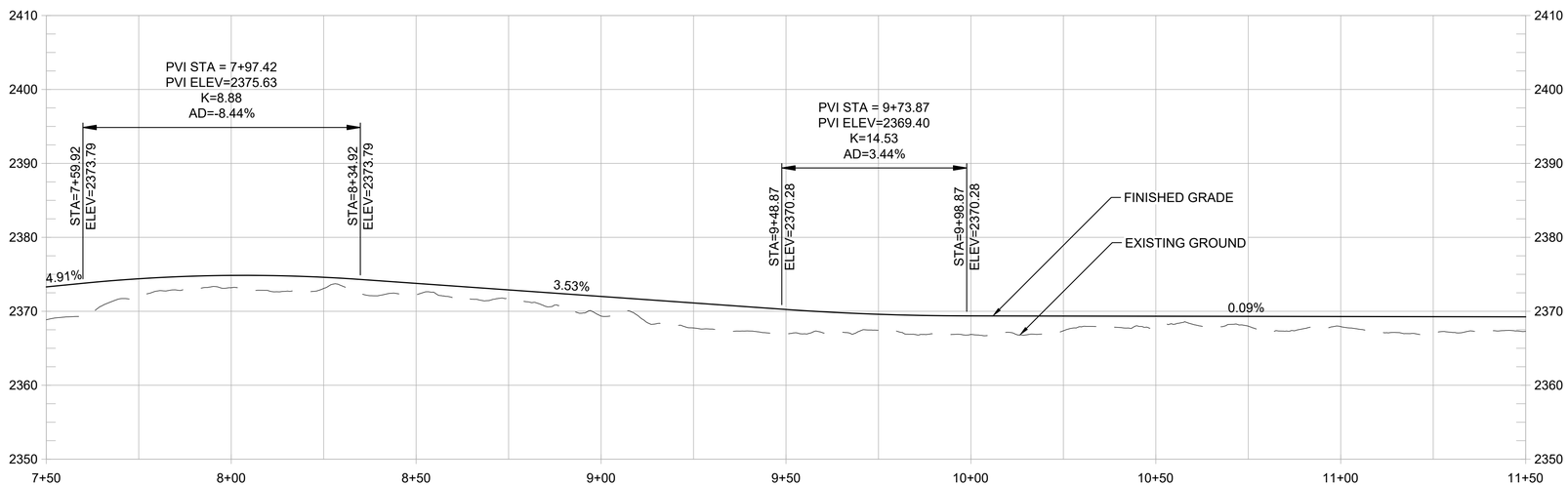
DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	2.2
	OF 82

C:\USERS\H2O\THRESTORATION DESIGN GROUP\PROJECTS - DOCUMENTS\WOLF CREEK TRAIL\04 AUTOCAD\WORKING DRAWINGS\SHEETS\SEGMENT 2\SEG-2-WLF-PLAN-PROFILE-(1).DWG PLOTTED ON: 3/15/2023



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. ACCESS CONTROL FENCE TO GET RELOCATED BETWEEN PROPOSED TRAIL AND EDGE OF PAVEMENT OF HIGHWAY 49 SHOULDER. FINAL LOCATION TBD.
2. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1. CONSTRUCT 10-FT WIDE HMA PATH WITH 1% CROSS SLOPE. (1/1.2)
2. CONSTRUCT FILL RETAINING WALL WITH BIKE RAILING.
3. CONSTRUCT CUT RETAINING WALL OR ROCKERY. (1/1.5)
4. REMOVE EXISTING ACCESS CONTROL FENCE AND RELOCATE TO BETWEEN TRAIL AND HWY 49 SHLDR EP.
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14. INTEGRATE COLOR PAVING (1/1.4)
15. PROVIDE TRAIL IDENTITY ELEMENT (2/1.4)
16. INSTALL MURAL (2/1.5)
17. PROVIDE GATEWAY ELEMENT (1/1.6)
18. INSTALL INTERPRETIVE ELEMENT (2/1.6)
19. INSTALL WAYFINDING ELEMENT (2/1.6)
20. CREATE A POCKET PARK CONNECTED TO WOLF CREEK TRAIL. DESIGN TO BE DETERMINED.

REVISIONS	
DATE	DESCRIPTION
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WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO S AUBURN ST
PRELIMINARY IMPROVEMENT PLANS
PLAN & PROFILE (7+50 TO 11+50)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	2.3
	OF 82

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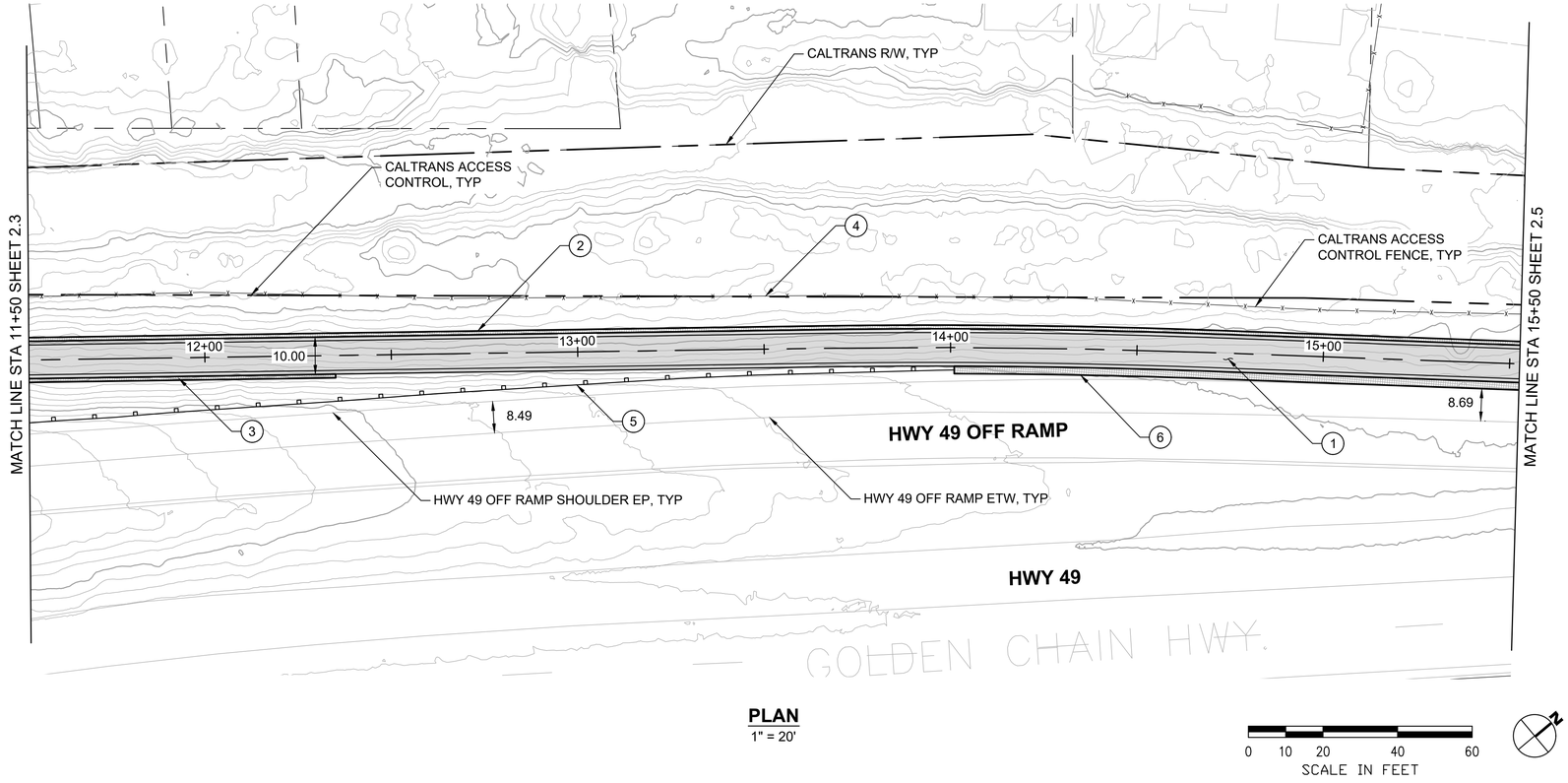
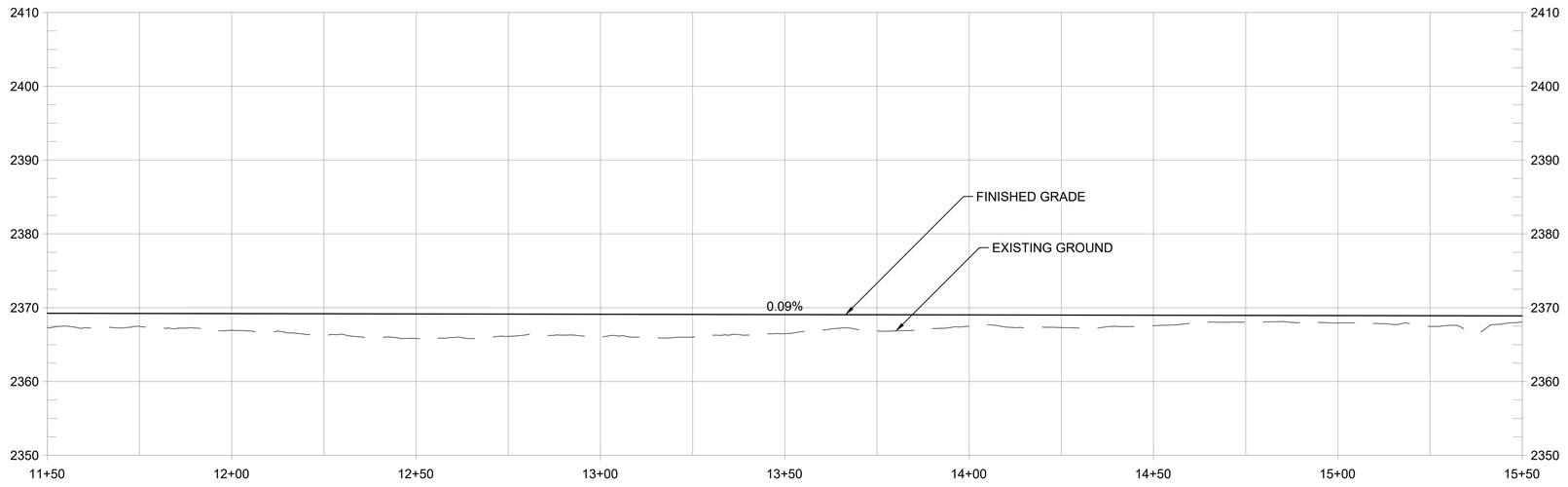


PLAN
1" = 20'



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. ACCESS CONTROL FENCE TO GET RELOCATED BETWEEN PROPOSED TRAIL AND EDGE OF PAVEMENT OF HIGHWAY 49 SHOULDER. FINAL LOCATION TBD.
2. DESIGN ENCROACHES ON EXISTING SHOULDER, BUT MAINTAINS A MIN SHOULDER WIDTH OF 8-FT. SEE CROSS SECTIONS.
3. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1. CONSTRUCT 10-FT WIDE HMA PATH WITH 1% CROSS SLOPE. (1/1.2)
2. CONSTRUCT FILL RETAINING WALL WITH BIKE RAILING.
3. CONSTRUCT CUT RETAINING WALL OR ROCKERY. (1/1.5)
4. REMOVE EXISTING ACCESS CONTROL FENCE AND RELOCATE TO BETWEEN TRAIL AND HWY 49 SHLDR EP.
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14. INTEGRATE COLOR PAVING (1/1.4)
15. PROVIDE TRAIL IDENTITY ELEMENT (2/1.4)
16. INSTALL MURAL (2/1.5)
17. PROVIDE GATEWAY ELEMENT (1/1.6)
18. INSTALL INTERPRETIVE ELEMENT (2/1.6)
19. INSTALL WAYFINDING ELEMENT (2/1.6)
20. CREATE A POCKET PARK CONNECTED TO WOLF CREEK TRAIL. DESIGN TO BE DETERMINED.

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO S AUBURN ST

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (11+50 TO 15+50)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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T 510.644.2798 F 510.644.2799
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LICENSED PROFESSIONAL ENGINEER
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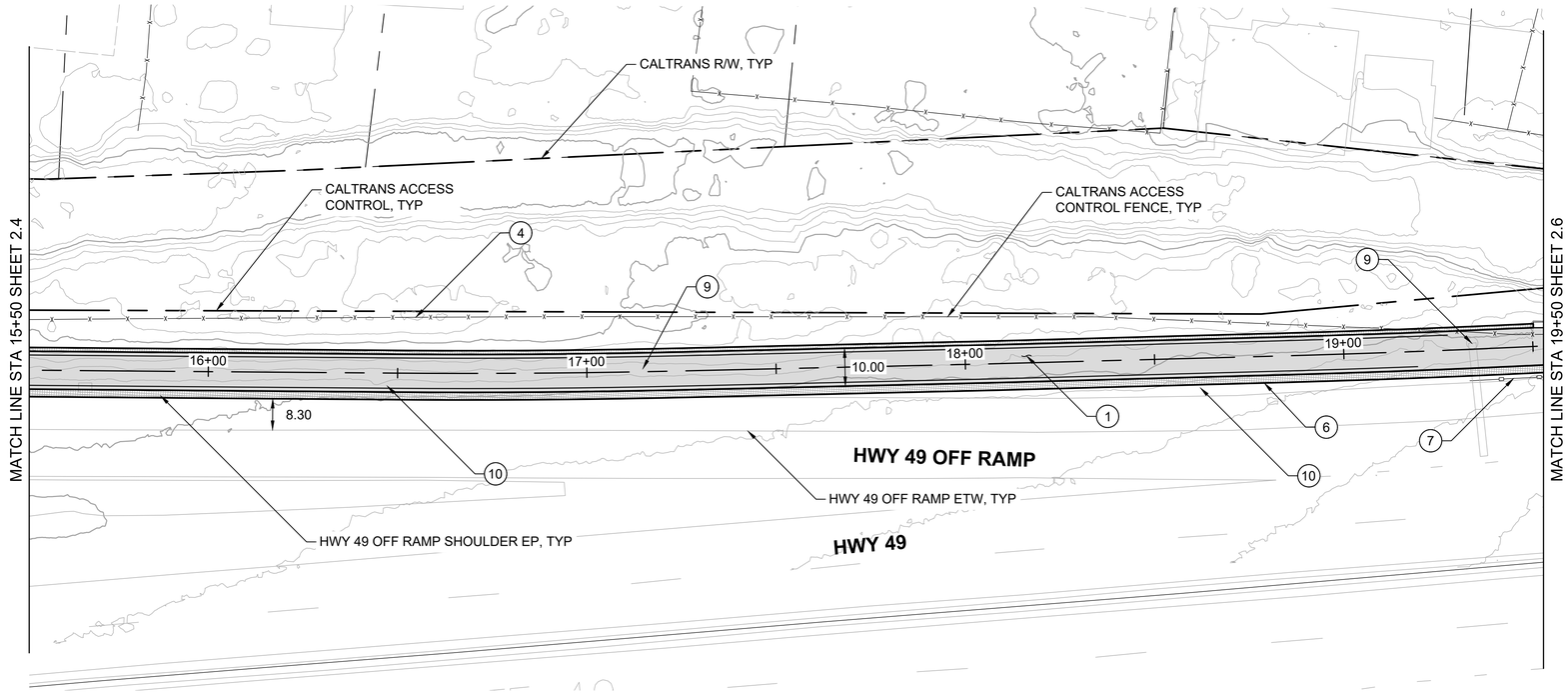
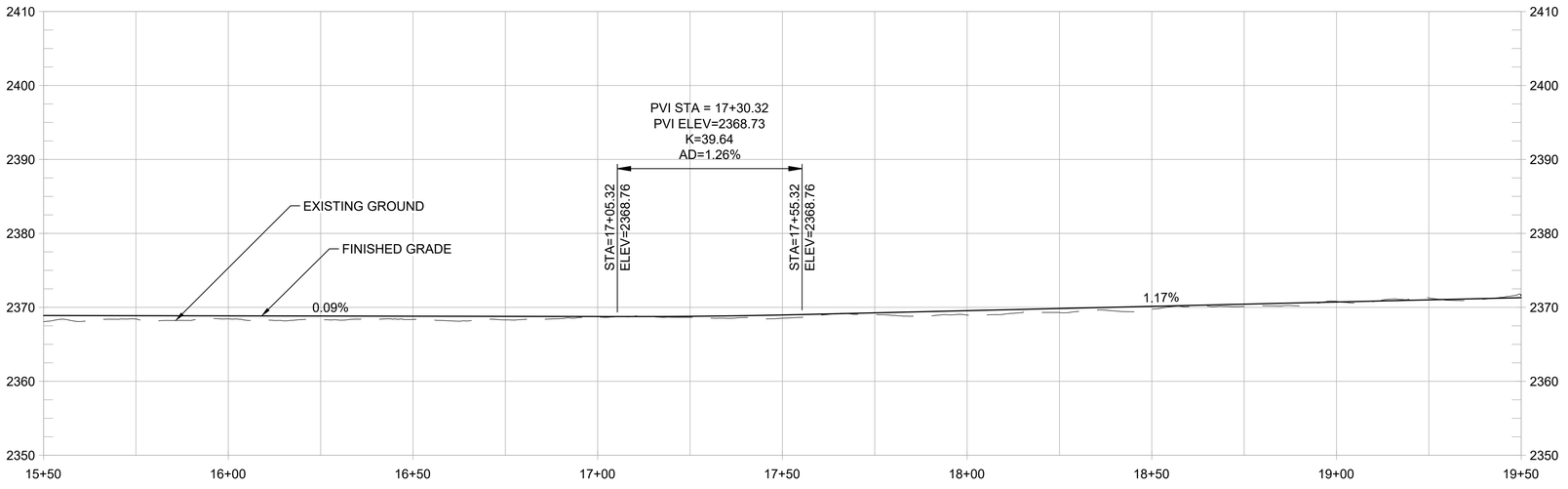
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	2.4
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. ACCESS CONTROL FENCE TO GET RELOCATED BETWEEN PROPOSED TRAIL AND EDGE OF PAVEMENT OF HIGHWAY 49 SHOULDER. FINAL LOCATION TBD.
2. DESIGN ENCROACHES ON EXISTING SHOULDER, BUT MAINTAINS A MIN SHOULDER WIDTH OF 8-FT. SEE CROSS SECTIONS.
3. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1. CONSTRUCT 10-FT WIDE HMA PATH WITH 1% CROSS SLOPE. (1/1.2)
2. CONSTRUCT FILL RETAINING WALL WITH BIKE RAILING.
3. CONSTRUCT CUT RETAINING WALL OR ROCKERY. (1/1.5)
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12. REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP. (2/1.2)
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18. INSTALL INTERPRETIVE ELEMENT (2/1.6)
19. INSTALL WAYFINDING ELEMENT (2/1.6)
20. CREATE A POCKET PARK CONNECTED TO WOLF CREEK TRAIL. DESIGN TO BE DETERMINED.

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO S AUBURN ST

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (15+50 TO 19+50)

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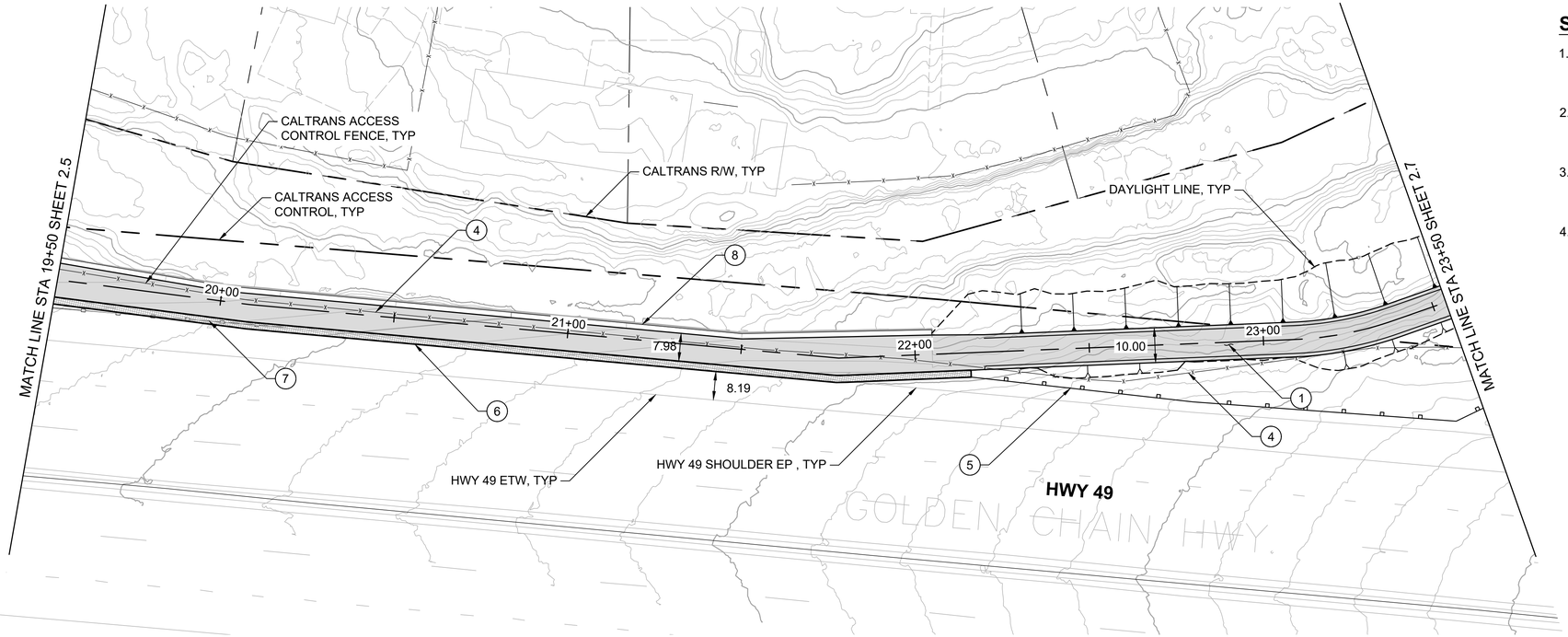
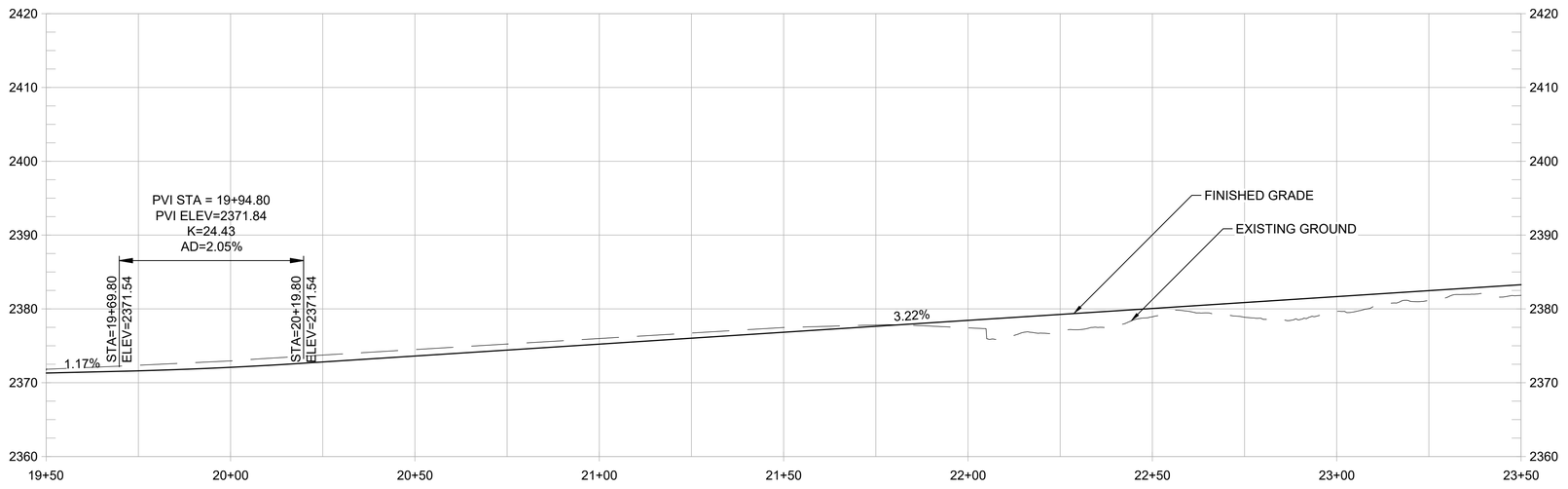
DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	2.5
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. ACCESS CONTROL FENCE TO GET RELOCATED BETWEEN PROPOSED TRAIL AND EDGE OF PAVEMENT OF HIGHWAY 49 SHOULDER. FINAL LOCATION TBD.
2. DESIGN ENCROACHES ON EXISTING SHOULDER, BUT MAINTAINS A MIN SHOULDER WIDTH OF 8-FT. SEE CROSS SECTIONS.
3. THE SECTION SHOWN ON THIS SHEET MAY REQUIRE NARROWING AND A DESIGN DECISION DEPENDING ON LOCATION OF EXISTING RETAINING WALL.
4. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1. CONSTRUCT 10-FT WIDE HMA PATH WITH 1% CROSS SLOPE. (1/1.2)
2. CONSTRUCT FILL RETAINING WALL WITH BIKE RAILING.
3. CONSTRUCT CUT RETAINING WALL OR ROCKERY. (1/1.5)
4. REMOVE EXISTING ACCESS CONTROL FENCE AND RELOCATE TO BETWEEN TRAIL AND HWY 49 SHLDR EP.
5. CONSTRUCT NEW MIDWEST GUARDRAIL SYSTEM (OR APPROVED EQUAL).
6. CONSTRUCT NEW CONC VEHICLE BARRIER WITH NEW ACCESS CONTROL FENCE.
7. REMOVE EXISTING GUARDRAIL.
8. PRESERVE AND PROTECT EXISTING RETAINING WALL.
9. EXISTING FREEWAY SIGN MAY REQUIRE RELOCATING AND/OR NARROWING OF PATH WIDTH.
10. PATH ALIGNMENT AND/OR WIDTH MAY REQUIRE ADJUSTMENT TO AVOID EXISTING STREET LIGHT POLE.
11. REMOVE AND RECONSTRUCT CONC SIDEWALK WITH PED CURB RAMP.
12. REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP. (2/1.2)
13. PRESERVE AND PROTECT EXISTING CONC SIDEWALK.
14. INTEGRATE COLOR PAVING (1/1.4)
15. PROVIDE TRAIL IDENTITY ELEMENT (2/1.4)
16. INSTALL MURAL (2/1.5)
17. PROVIDE GATEWAY ELEMENT (1/1.6)
18. INSTALL INTERPRETIVE ELEMENT (2/1.6)
19. INSTALL WAYFINDING ELEMENT (2/1.6)
20. CREATE A POCKET PARK CONNECTED TO WOLF CREEK TRAIL. DESIGN TO BE DETERMINED.

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO S AUBURN ST

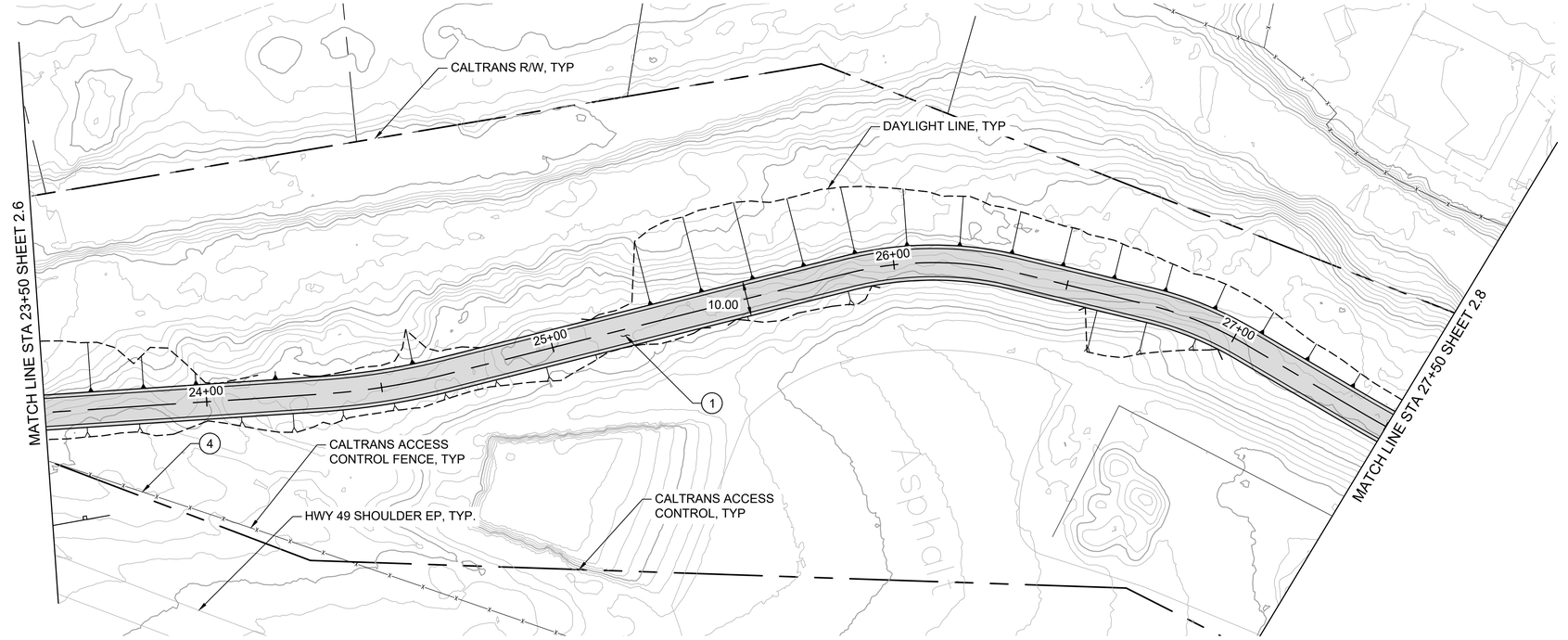
PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (19+50 TO 23+50)

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

RDG
Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

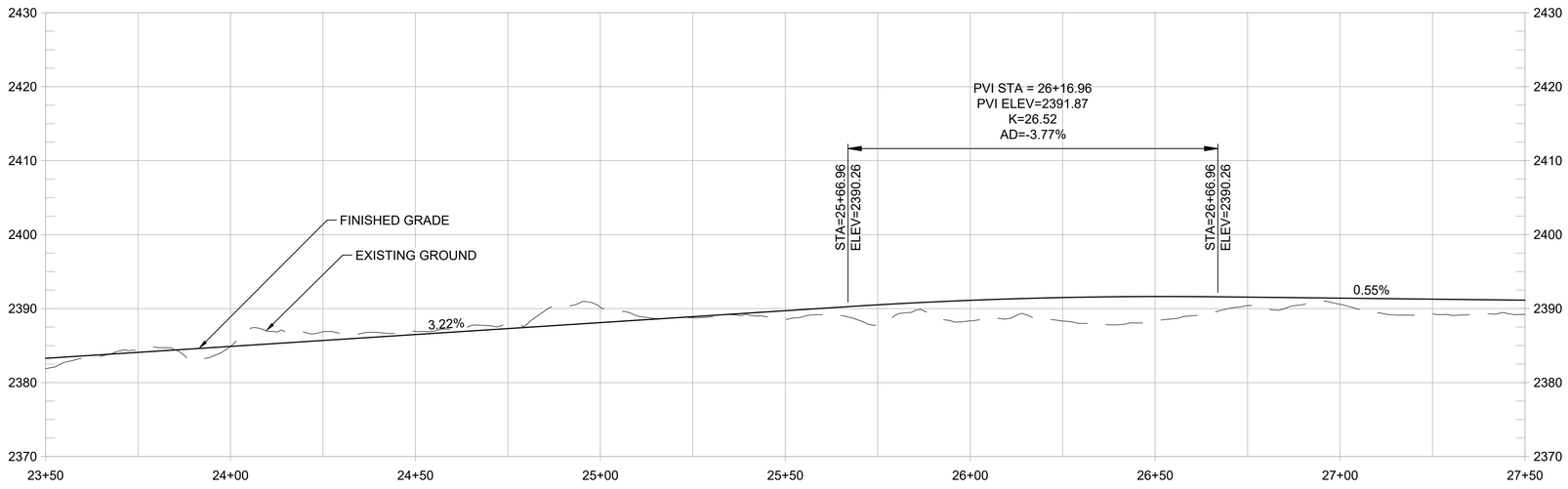
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	2.6
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. ACCESS CONTROL FENCE TO GET RELOCATED BETWEEN PROPOSED TRAIL AND EDGE OF PAVEMENT OF HIGHWAY 49 SHOULDER. FINAL LOCATION TBD.
2. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1. CONSTRUCT 10-FT WIDE HMA PATH WITH 1% CROSS SLOPE. (1/1.2)
2. CONSTRUCT FILL RETAINING WALL WITH BIKE RAILING.
3. CONSTRUCT CUT RETAINING WALL OR ROCKERY. (1/1.5)
4. REMOVE EXISTING ACCESS CONTROL FENCE AND RELOCATE TO BETWEEN TRAIL AND HWY 49 SHLDR EP.
5. CONSTRUCT NEW MIDWEST GUARDRAIL SYSTEM (OR APPROVED EQUAL).
6. CONSTRUCT NEW CONC VEHICLE BARRIER WITH NEW ACCESS CONTROL FENCE.
7. REMOVE EXISTING GUARDRAIL.
8. PRESERVE AND PROTECT EXISTING RETAINING WALL.
9. EXISTING FREEWAY SIGN MAY REQUIRE RELOCATING AND/OR NARROWING OF PATH WIDTH.
10. PATH ALIGNMENT AND/OR WIDTH MAY REQUIRE ADJUSTMENT TO AVOID EXISTING STREET LIGHT POLE.
11. REMOVE AND RECONSTRUCT CONC SIDEWALK WITH PED CURB RAMP.
12. REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP. (2/1.2)
13. PRESERVE AND PROTECT EXISTING CONC SIDEWALK.
14. INTEGRATE COLOR PAVING (1/1.4)
15. PROVIDE TRAIL IDENTITY ELEMENT (2/1.4)
16. INSTALL MURAL (2/1.5)
17. PROVIDE GATEWAY ELEMENT (1/1.6)
18. INSTALL INTERPRETIVE ELEMENT (2/1.6)
19. INSTALL WAYFINDING ELEMENT (2/1.6)
20. CREATE A POCKET PARK CONNECTED TO WOLF CREEK TRAIL. DESIGN TO BE DETERMINED.

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO S AUBURN ST

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (23+50 TO 27+50)

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

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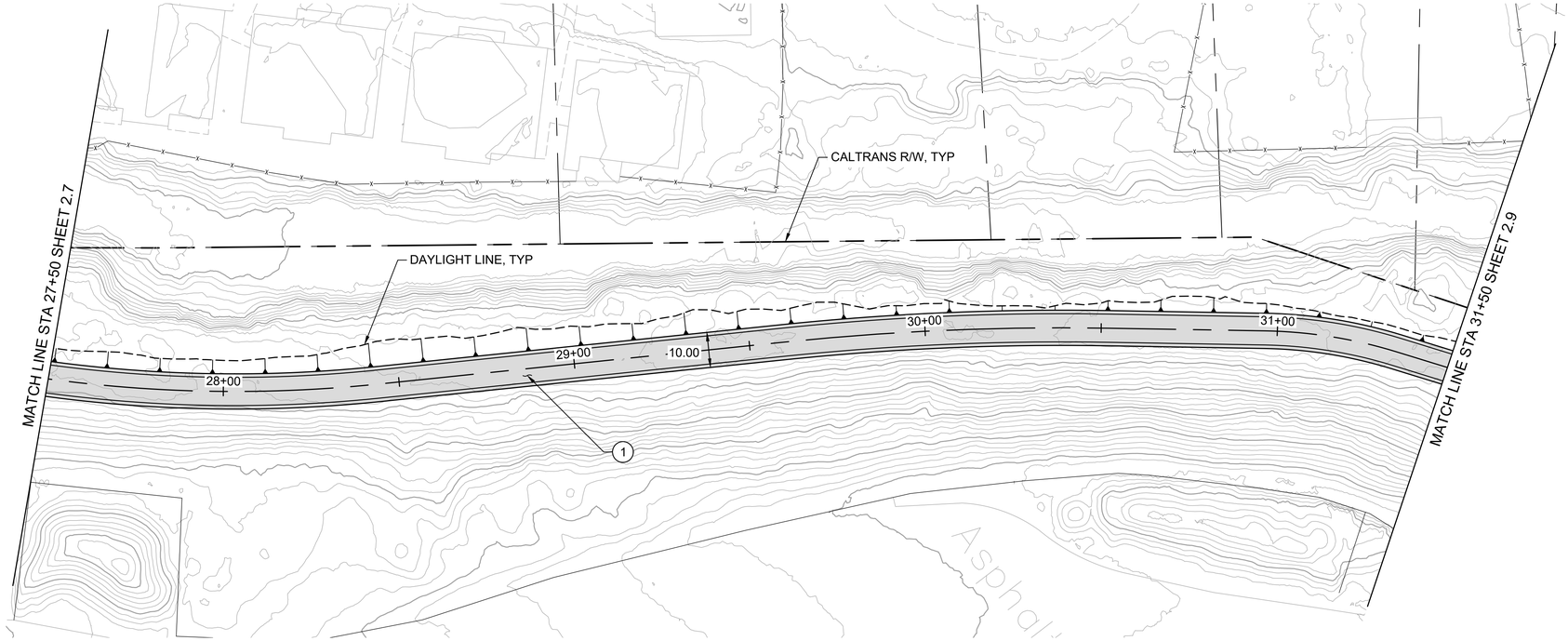
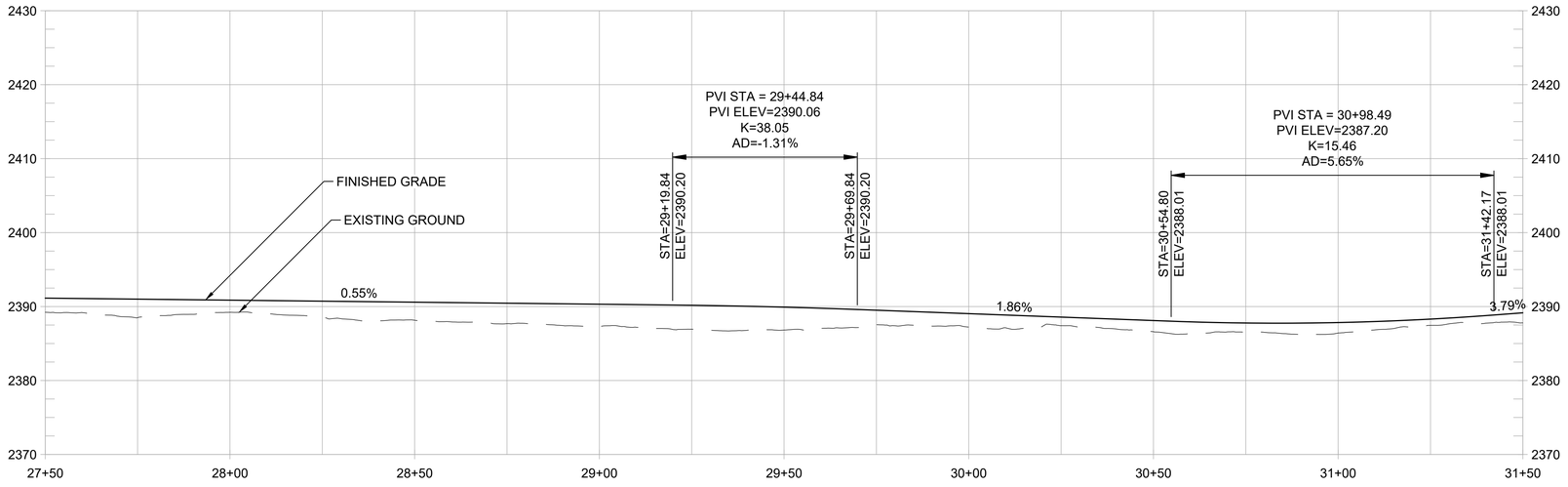
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	2.7
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. ACCESS CONTROL FENCE TO GET RELOCATED BETWEEN PROPOSED TRAIL AND EDGE OF PAVEMENT OF HIGHWAY 49 SHOULDER. FINAL LOCATION TBD.
2. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1. CONSTRUCT 10-FT WIDE HMA PATH WITH 1% CROSS SLOPE. (1/1.2)
2. CONSTRUCT FILL RETAINING WALL WITH BIKE RAILING.
3. CONSTRUCT CUT RETAINING WALL OR ROCKERY. (1/1.5)
4. REMOVE EXISTING ACCESS CONTROL FENCE AND RELOCATE TO BETWEEN TRAIL AND HWY 49 SHLDR EP.
5. CONSTRUCT NEW MIDWEST GUARDRAIL SYSTEM (OR APPROVED EQUAL).
6. CONSTRUCT NEW CONC VEHICLE BARRIER WITH NEW ACCESS CONTROL FENCE.
7. REMOVE EXISTING GUARDRAIL.
8. PRESERVE AND PROTECT EXISTING RETAINING WALL.
9. EXISTING FREEWAY SIGN MAY REQUIRE RELOCATING AND/OR NARROWING OF PATH WIDTH.
10. PATH ALIGNMENT AND/OR WIDTH MAY REQUIRE ADJUSTMENT TO AVOID EXISTING STREET LIGHT POLE.
11. REMOVE AND RECONSTRUCT CONC SIDEWALK WITH PED CURB RAMP.
12. REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP. (2/1.2)
13. PRESERVE AND PROTECT EXISTING CONC SIDEWALK.
14. INTEGRATE COLOR PAVING (1/1.4)
15. PROVIDE TRAIL IDENTITY ELEMENT (2/1.4)
16. INSTALL MURAL (2/1.5)
17. PROVIDE GATEWAY ELEMENT (1/1.6)
18. INSTALL INTERPRETIVE ELEMENT (2/1.6)
19. INSTALL WAYFINDING ELEMENT (2/1.6)
20. CREATE A POCKET PARK CONNECTED TO WOLF CREEK TRAIL. DESIGN TO BE DETERMINED.

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO S AUBURN ST

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (27+50 TO 31+50)

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MATTHEW J THOMAS
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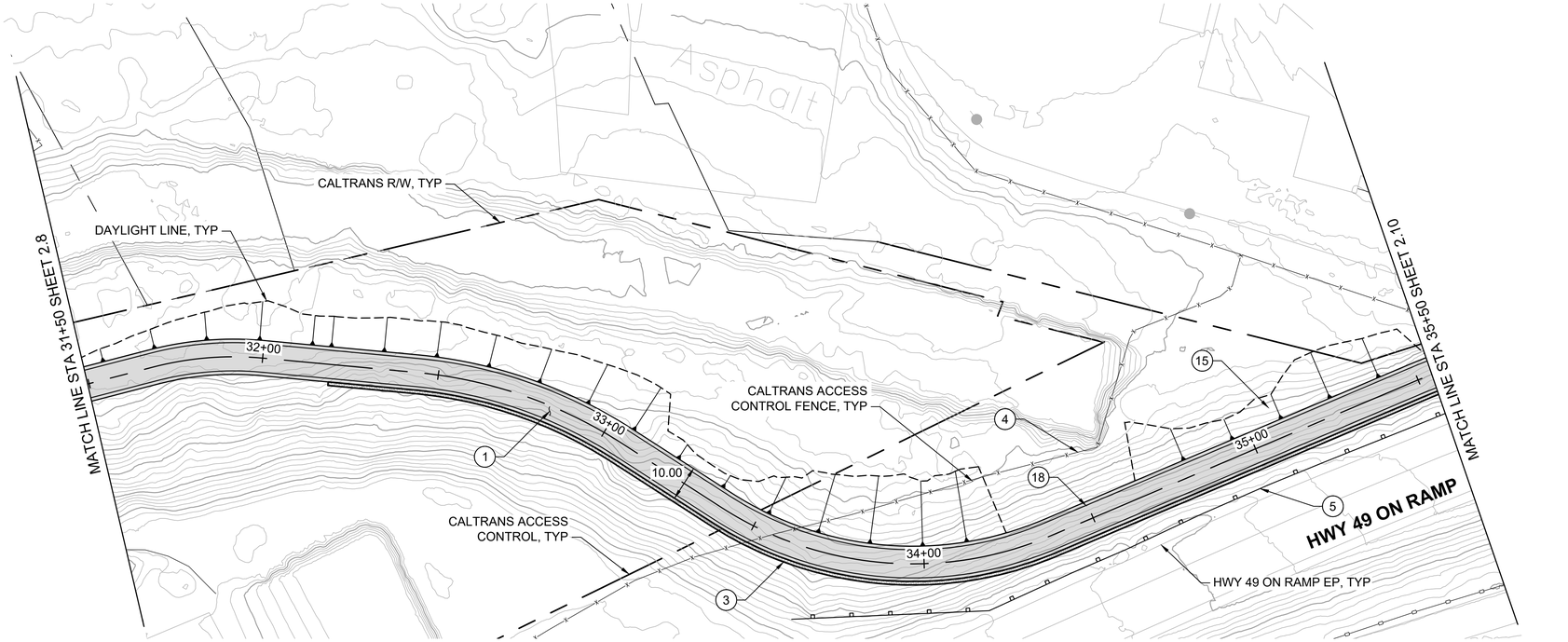
CIVIL
STATE OF CALIFORNIA

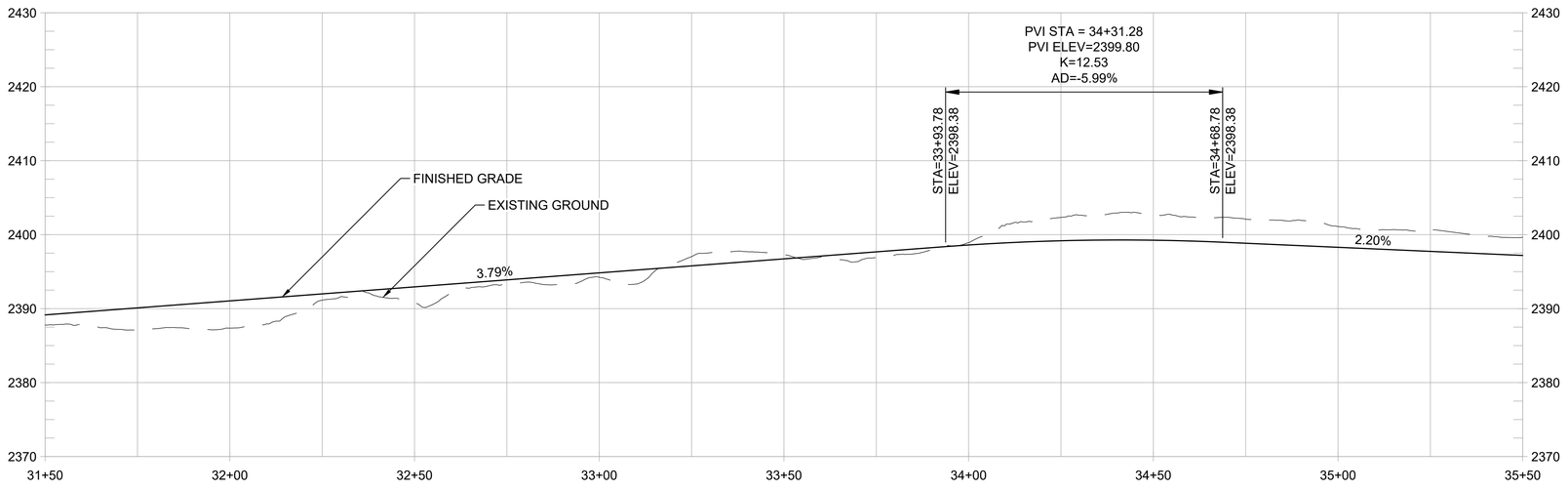
DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	2.8
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET

N



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. ACCESS CONTROL FENCE TO GET RELOCATED BETWEEN PROPOSED TRAIL AND EDGE OF PAVEMENT OF HIGHWAY 49 SHOULDER. FINAL LOCATION TBD.
2. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1. CONSTRUCT 10-FT WIDE HMA PATH WITH 1% CROSS SLOPE. (1/1.2)
2. CONSTRUCT FILL RETAINING WALL WITH BIKE RAILING.
3. CONSTRUCT CUT RETAINING WALL OR ROCKERY. (1/1.5)
4. REMOVE EXISTING ACCESS CONTROL FENCE AND RELOCATE TO BETWEEN TRAIL AND HWY 49 SHLDR EP.
5. CONSTRUCT NEW MIDWEST GUARDRAIL SYSTEM (OR APPROVED EQUAL).
6. CONSTRUCT NEW CONC VEHICLE BARRIER WITH NEW ACCESS CONTROL FENCE.
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11. REMOVE AND RECONSTRUCT CONC SIDEWALK WITH PED CURB RAMP.
12. REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP. (2/1.2)
13. PRESERVE AND PROTECT EXISTING CONC SIDEWALK.
14. INTEGRATE COLOR PAVING (1/1.4)
15. PROVIDE TRAIL IDENTITY ELEMENT (2/1.4)
16. INSTALL MURAL (2/1.5)
17. PROVIDE GATEWAY ELEMENT (1/1.6)
18. INSTALL INTERPRETIVE ELEMENT (2/1.6)
19. INSTALL WAYFINDING ELEMENT (2/1.6)
20. CREATE A POCKET PARK CONNECTED TO WOLF CREEK TRAIL. DESIGN TO BE DETERMINED.

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO S AUBURN ST

PLAN & PROFILE (31+50 TO 35+50)

PRELIMINARY IMPROVEMENT PLANS

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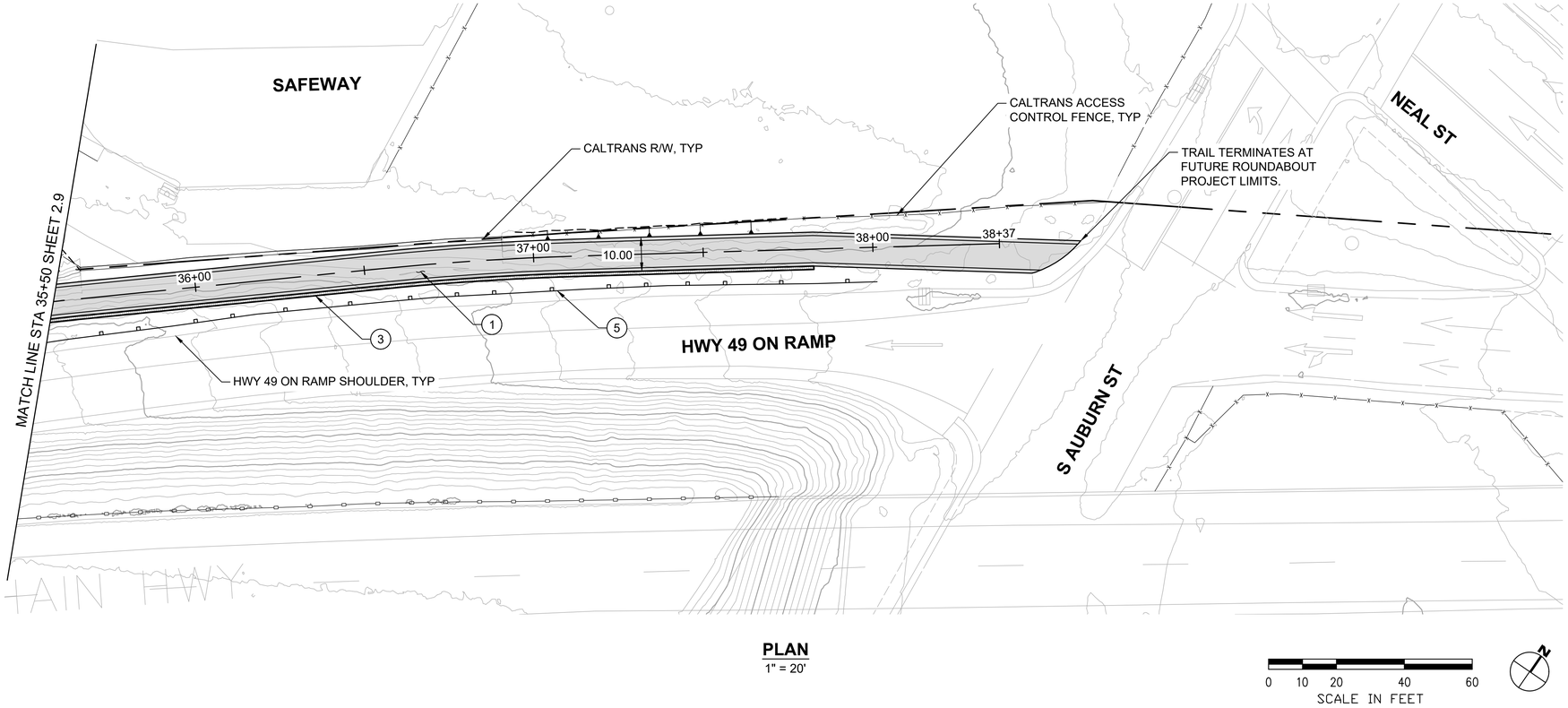
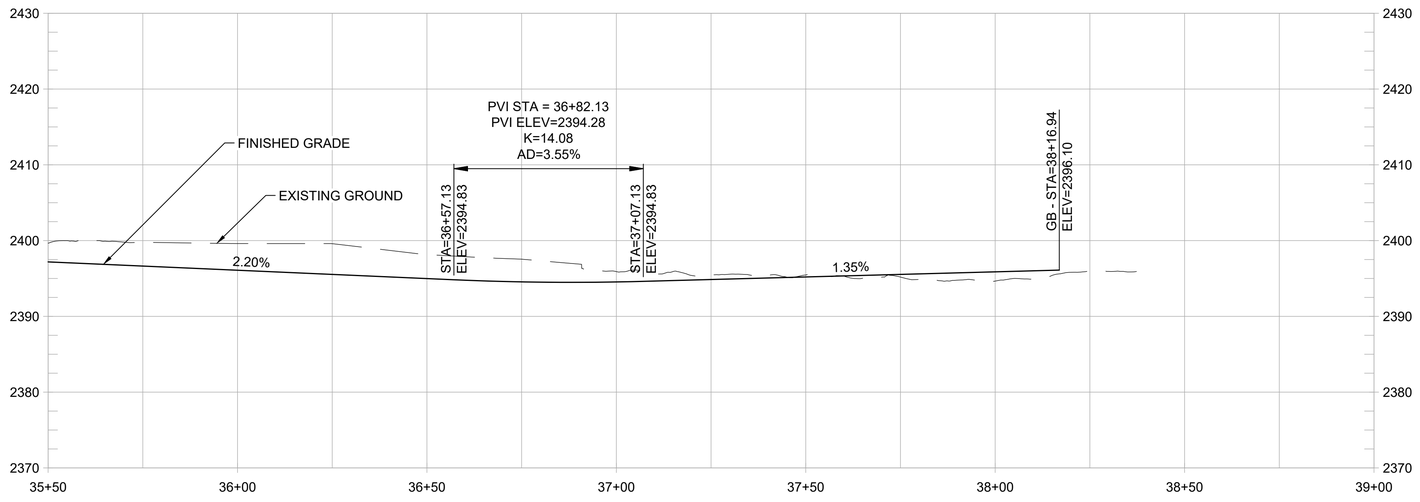
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	2.9
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. ACCESS CONTROL FENCE TO GET RELOCATED BETWEEN PROPOSED TRAIL AND EDGE OF PAVEMENT OF HIGHWAY 49 SHOULDER. FINAL LOCATION TBD.
2. DESIGN STOPS SHORT OF PROPOSED ROUNDABOUT. TRAIL WILL BE ROUTED THROUGH ROUNDABOUT TO NEAL STREET WHERE IT WILL CONTINUE NORTH ON THE EAST SIDE OF HANSEN WAY.
3. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1. CONSTRUCT 10-FT WIDE HMA PATH WITH 1% CROSS SLOPE. (1/1.2)
2. CONSTRUCT FILL RETAINING WALL WITH BIKE RAILING.
3. CONSTRUCT CUT RETAINING WALL OR ROCKERY. (1/1.5)
4. REMOVE EXISTING ACCESS CONTROL FENCE AND RELOCATE TO BETWEEN TRAIL AND HWY 49 SHLDR EP.
5. CONSTRUCT NEW MIDWEST GUARDRAIL SYSTEM (OR APPROVED EQUAL).
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13. PRESERVE AND PROTECT EXISTING CONC SIDEWALK.
14. INTEGRATE COLOR PAVING (1/1.4)
15. PROVIDE TRAIL IDENTITY ELEMENT (2/1.4)
16. INSTALL MURAL (2/1.5)
17. PROVIDE GATEWAY ELEMENT (1/1.6)
18. INSTALL INTERPRETIVE ELEMENT (2/1.6)
19. INSTALL WAYFINDING ELEMENT (2/1.6)
20. CREATE A POCKET PARK CONNECTED TO WOLF CREEK TRAIL. DESIGN TO BE DETERMINED.

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO S AUBURN ST

PLAN & PROFILE (35+50 TO 38+50)

PRELIMINARY IMPROVEMENT PLANS

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

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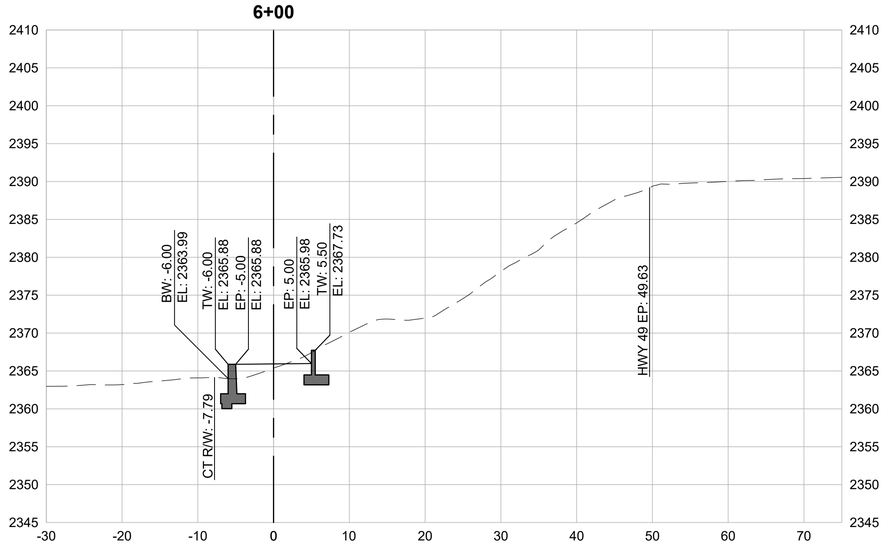
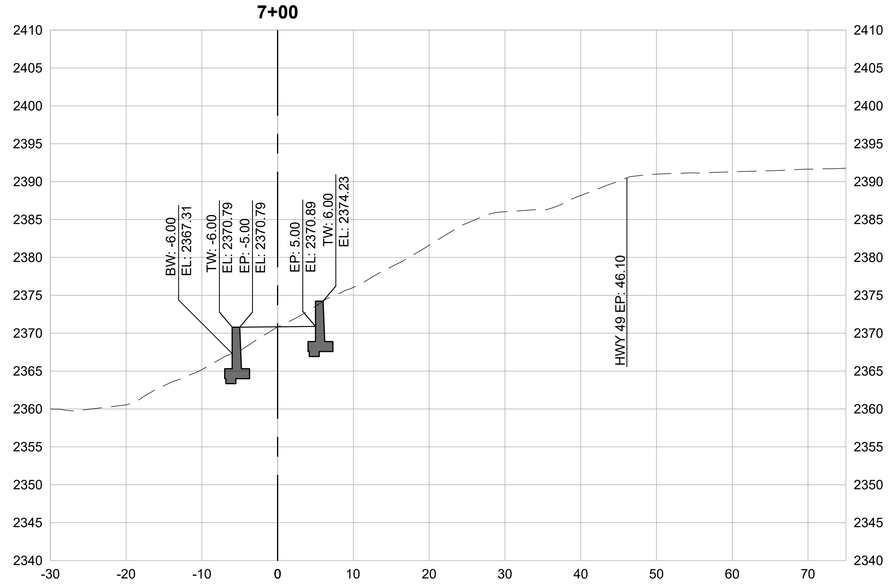
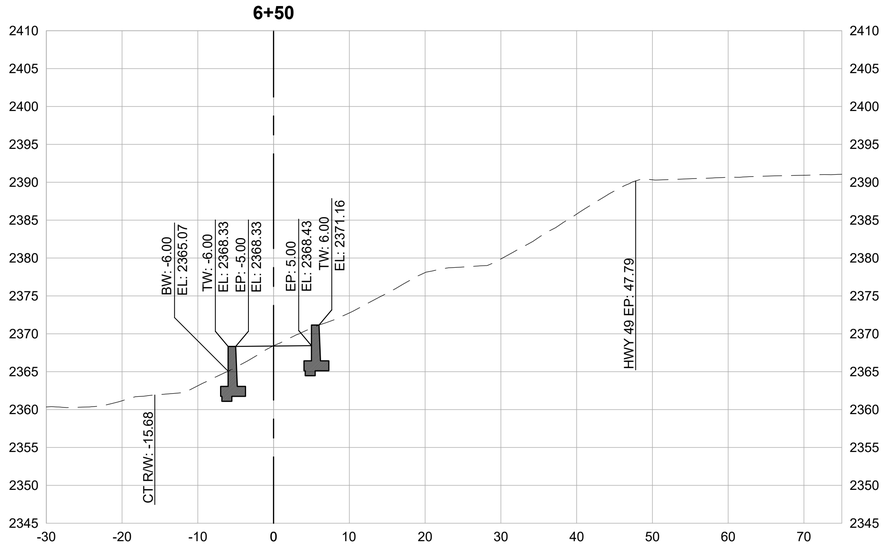
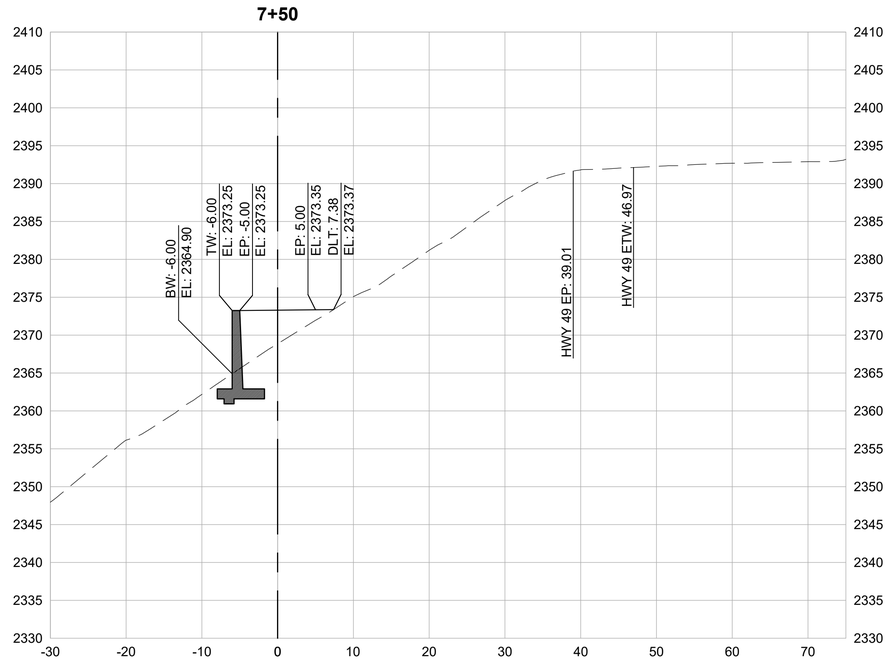
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 6, 2023
SHEET	2.10
	OF 80









CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO NEAL ST

30% DESIGN REVIEW

CROSS SECTION (6+00 TO 7+50)

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LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
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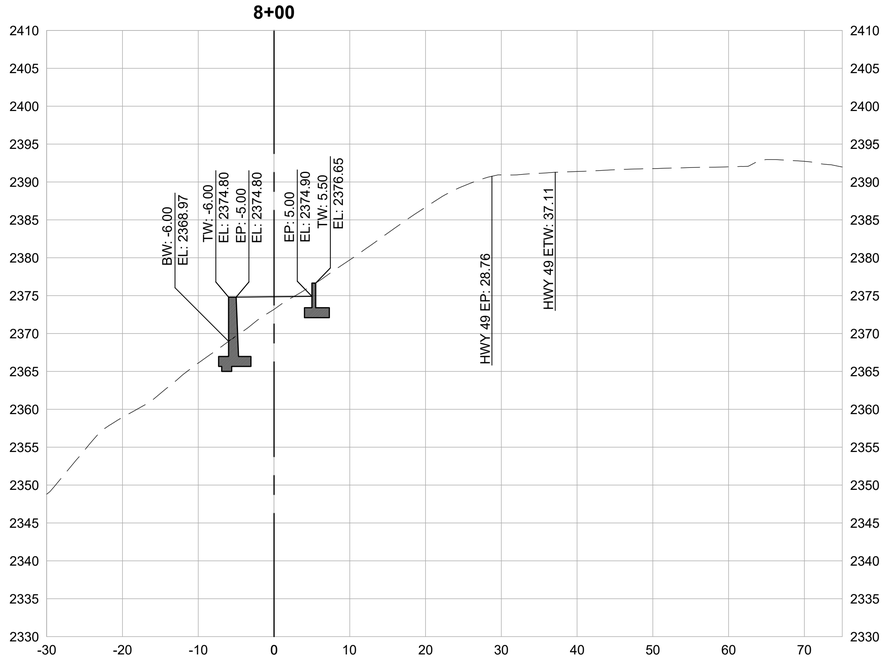
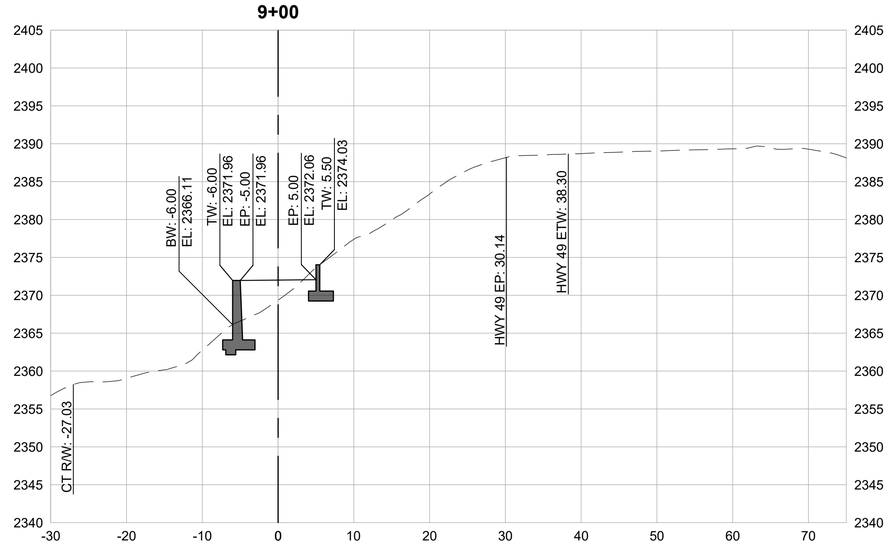
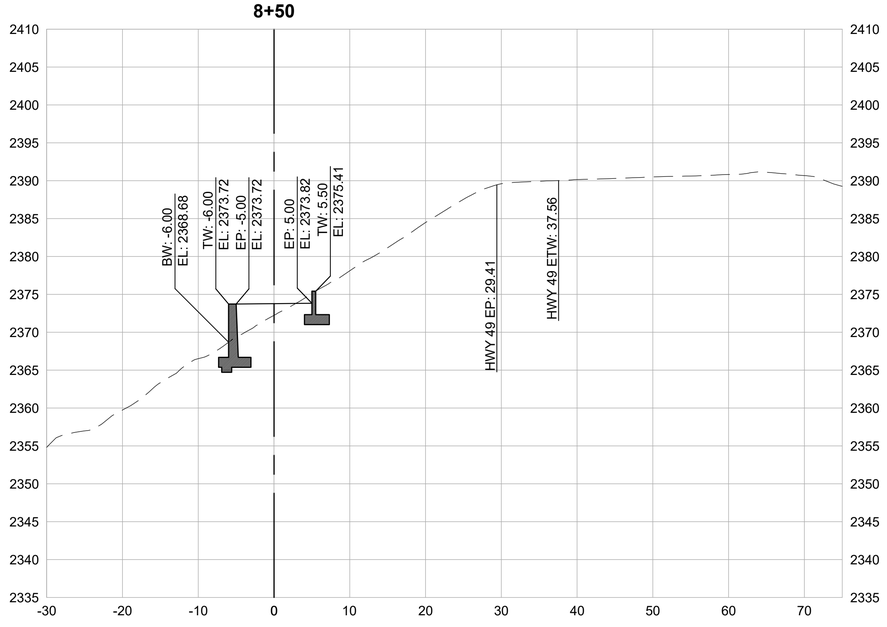
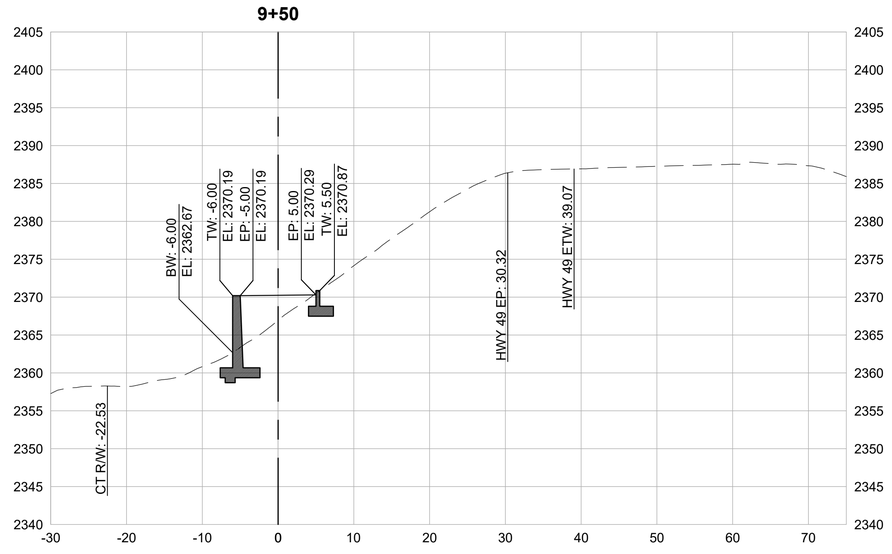
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT
CHECKED BY	MT
SCALE	1" = 10'
DATE	DECEMBER 23, 2022
SHEET	2.11
	OF 27









CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO NEAL ST

CROSS SECTION (8+00 TO 9+50)

30% DESIGN REVIEW

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

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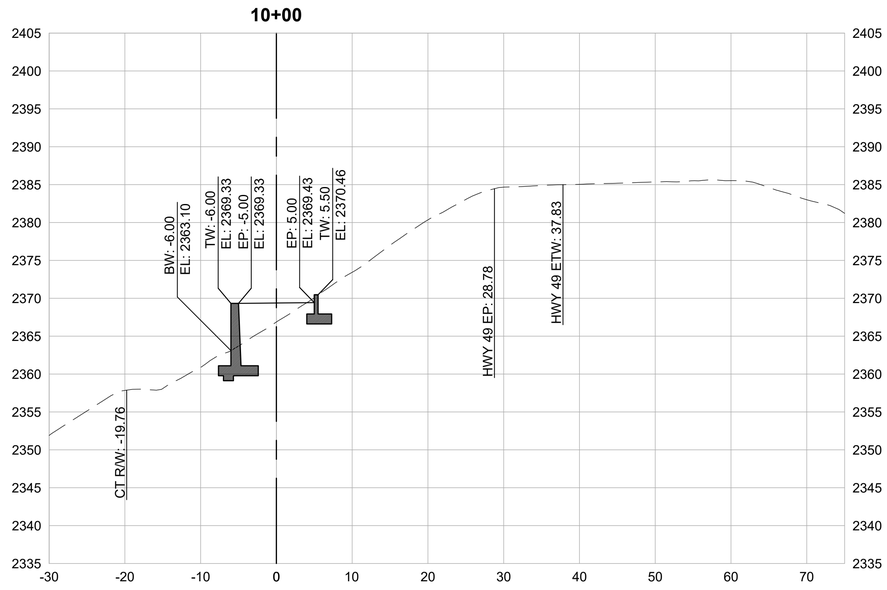
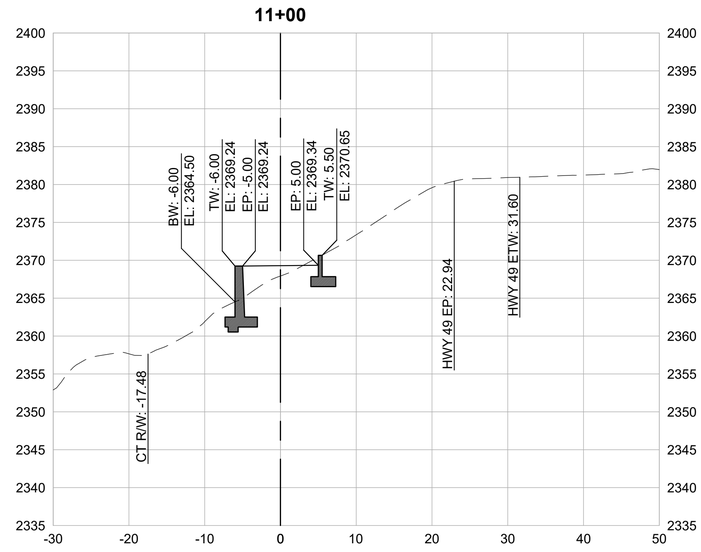
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT
CHECKED BY	MT
SCALE	1" = 10'
DATE	DECEMBER 23, 2022
SHEET	2.12
	OF 27





CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO NEAL ST

30% DESIGN REVIEW

CROSS SECTION (10+00 TO 11+50)

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LICENSED PROFESSIONAL ENGINEER
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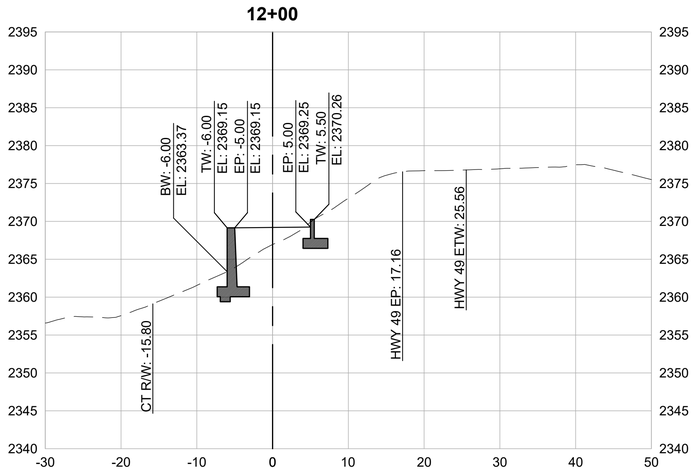
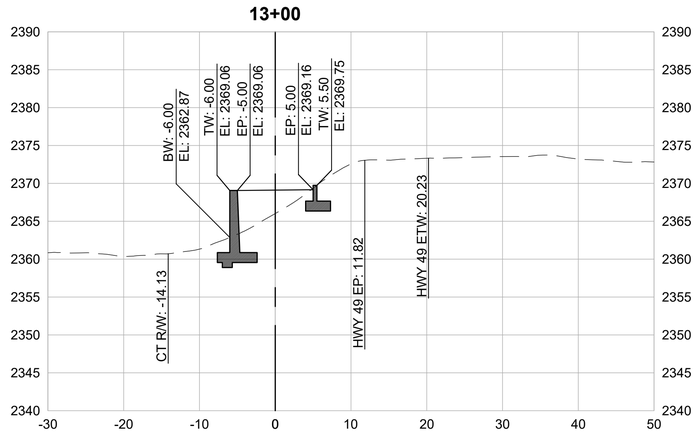
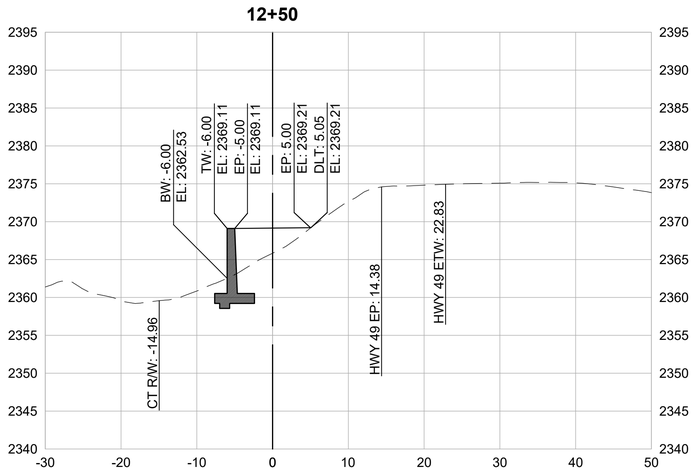
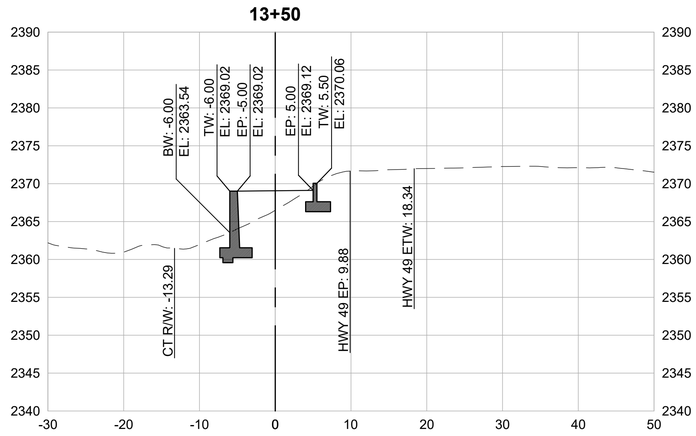
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT
CHECKED BY	MT
SCALE	1" = 10'
DATE	DECEMBER 23, 2022
SHEET	2.13
	OF 27









CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

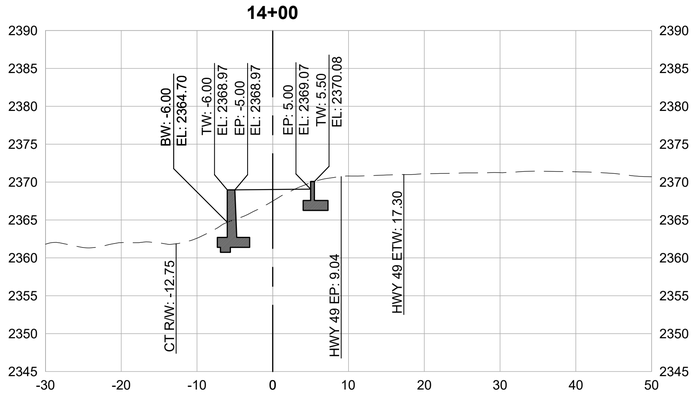
WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO NEAL ST

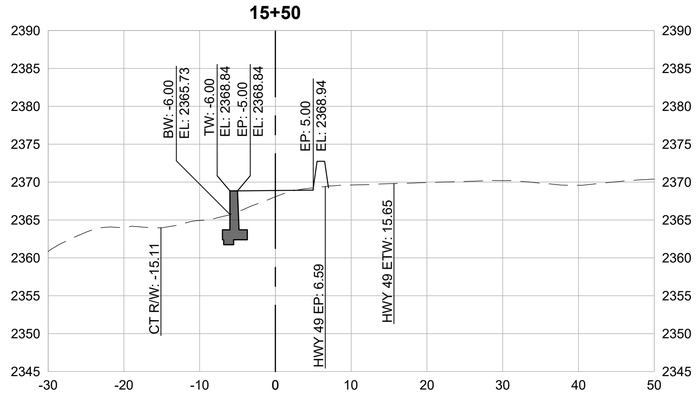
30% DESIGN REVIEW | CROSS SECTION (12+00 TO 13+50)

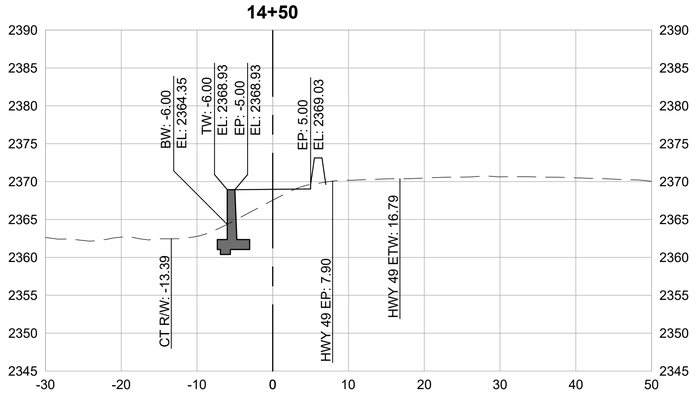
Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

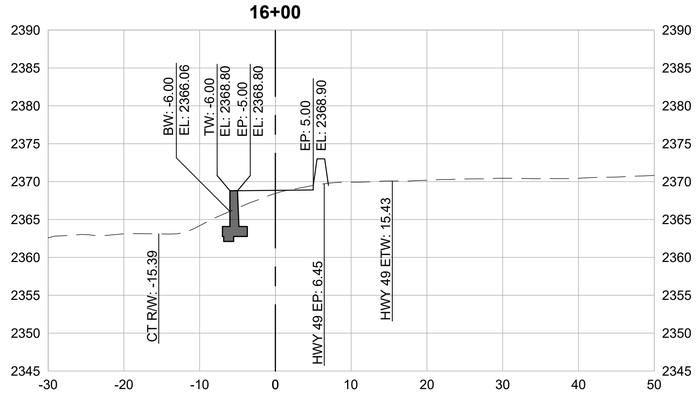
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

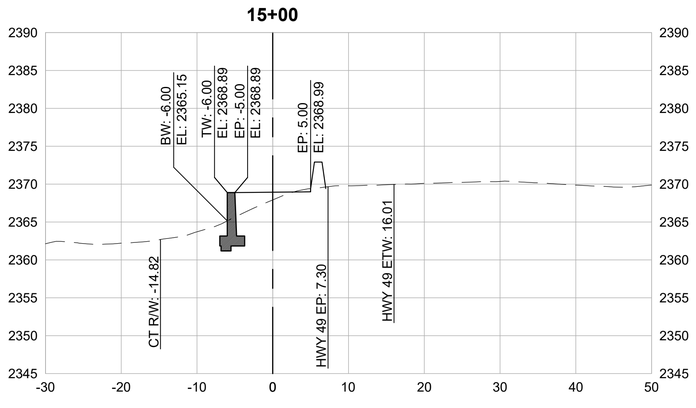
DESIGN BY	ES,MT
DRAWN BY	ES,MT
CHECKED BY	MT
SCALE	1" = 10'
DATE	DECEMBER 23, 2022
SHEET	2.14
	OF 27

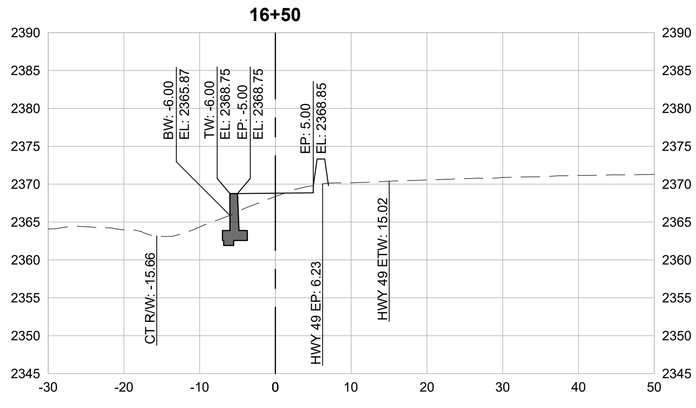












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO NEAL ST

CROSS SECTION (14+00 TO 16+50)

30% DESIGN REVIEW

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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T 510.644.2798 F 510.644.2799
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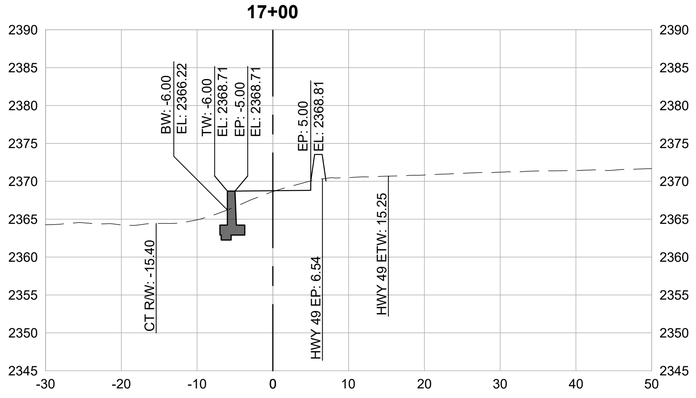
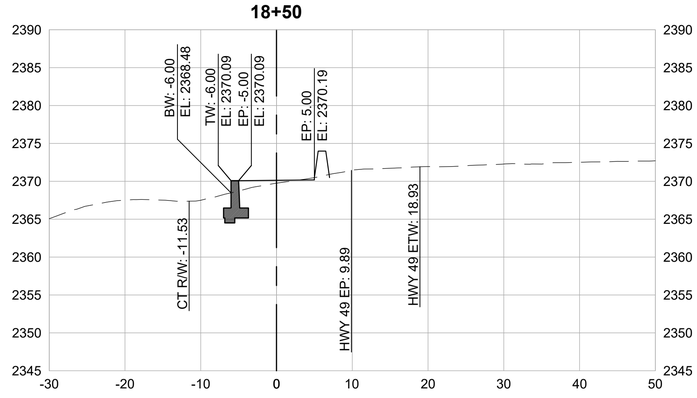
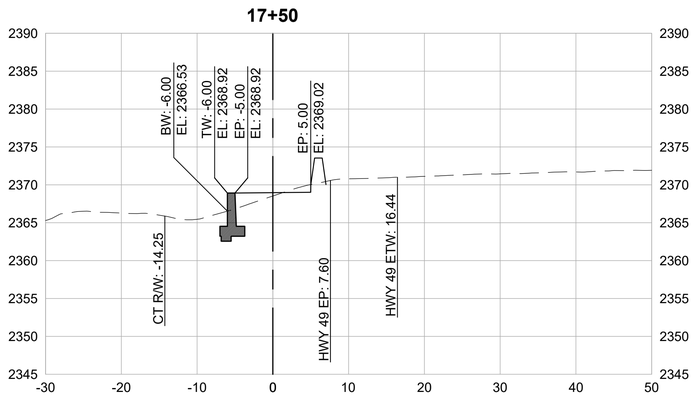
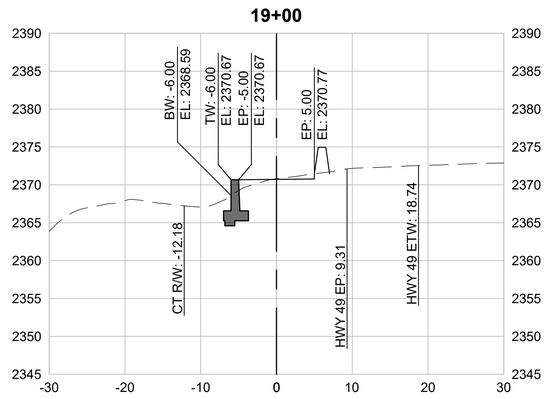
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

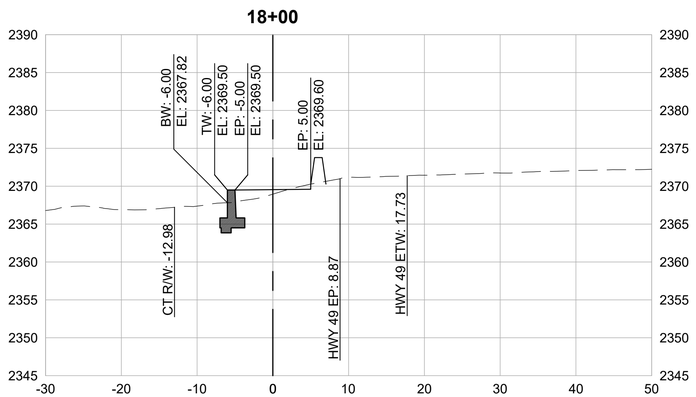
DESIGN BY	ES,MT
DRAWN BY	ES,MT
CHECKED BY	MT
SCALE	1" = 10'
DATE	DECEMBER 23, 2022
SHEET	2.16
	OF 27

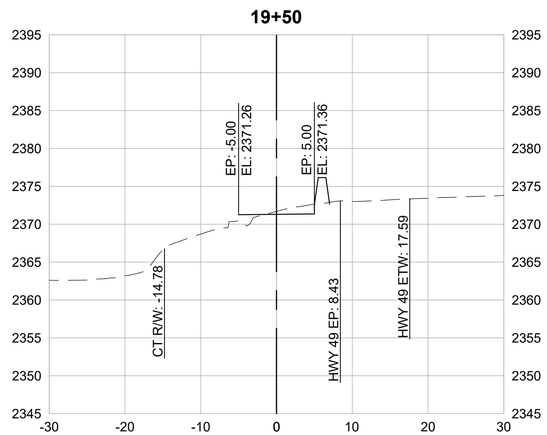












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO NEAL ST

30% DESIGN REVIEW

CROSS SECTION (17+00 TO 19+50)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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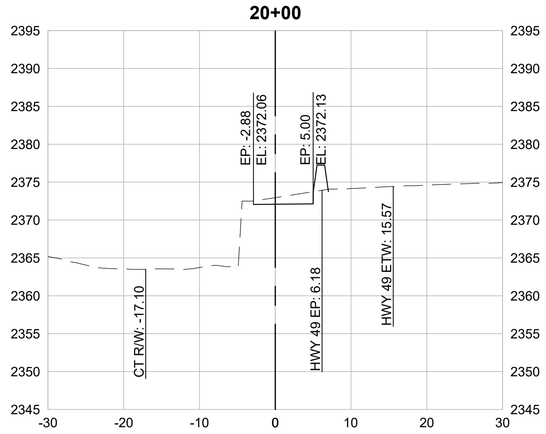
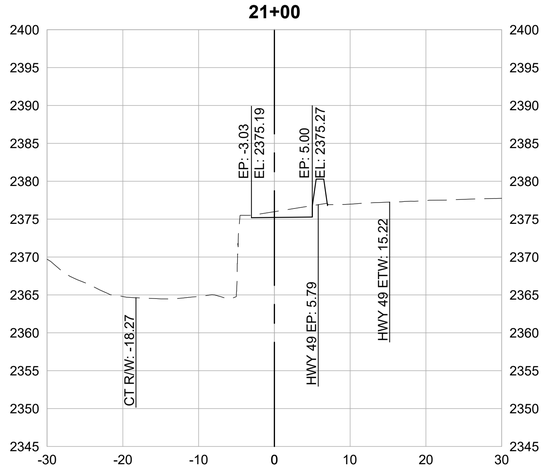
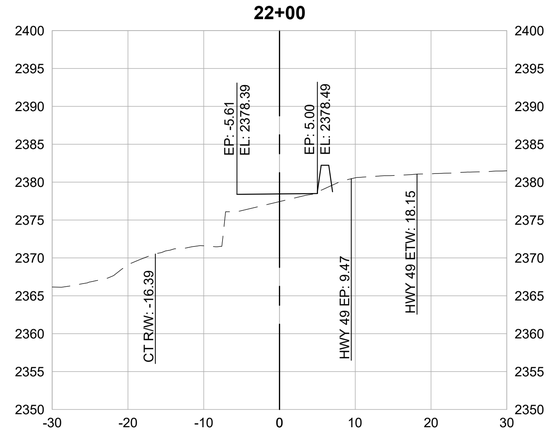
www.restorationdesigngroup.com

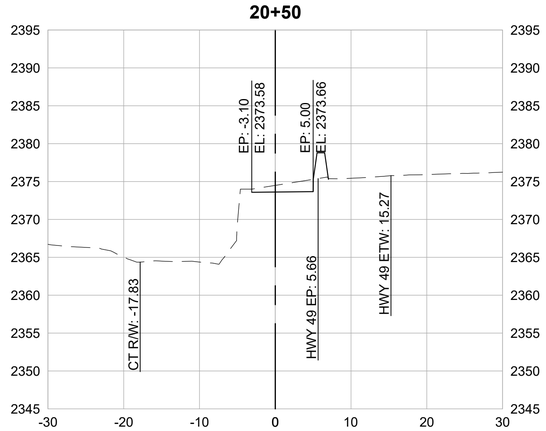
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

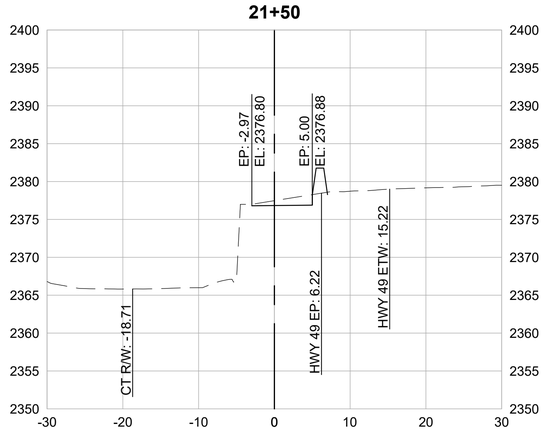
DESIGN BY	ES,MT
DRAWN BY	ES,MT
CHECKED BY	MT
SCALE	1" = 10'
DATE	DECEMBER 23, 2022
SHEET	2.16
	OF 27

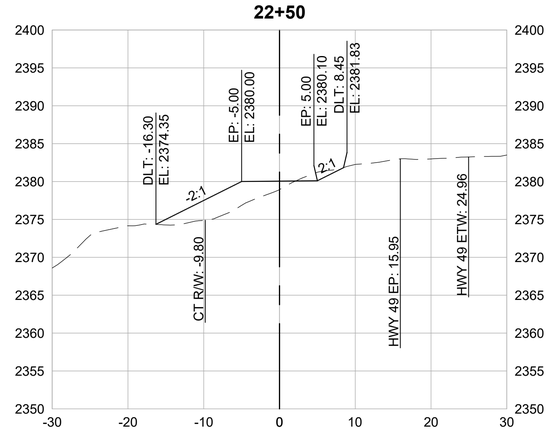












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO NEAL ST

CROSS SECTION (20+00 TO 22+50)

30% DESIGN REVIEW

Restoration Design Group, Inc.
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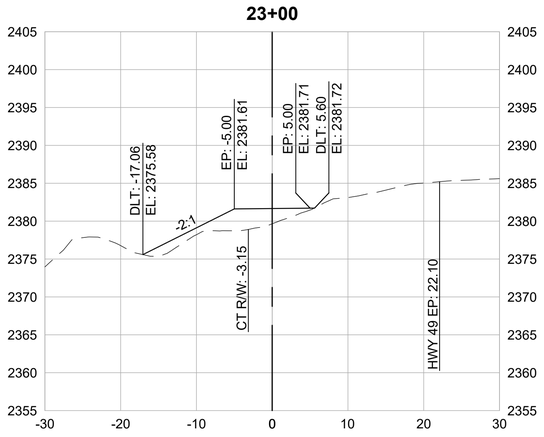
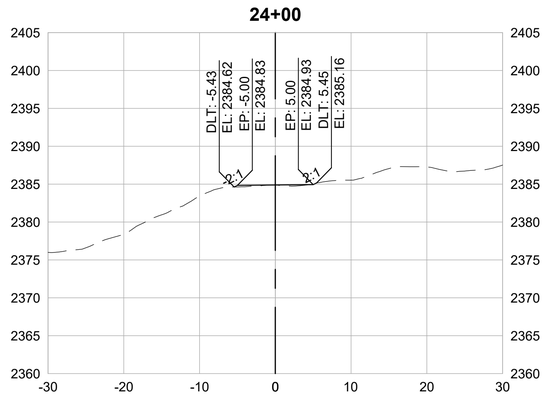
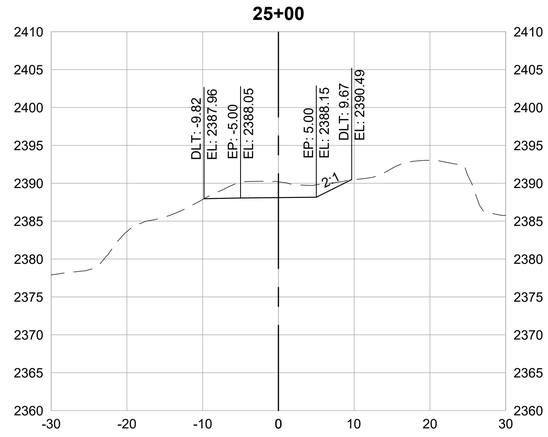
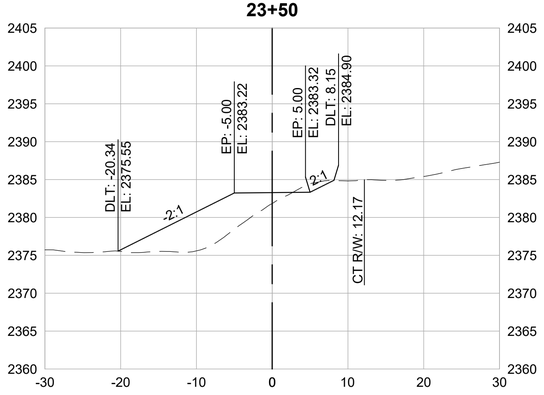
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

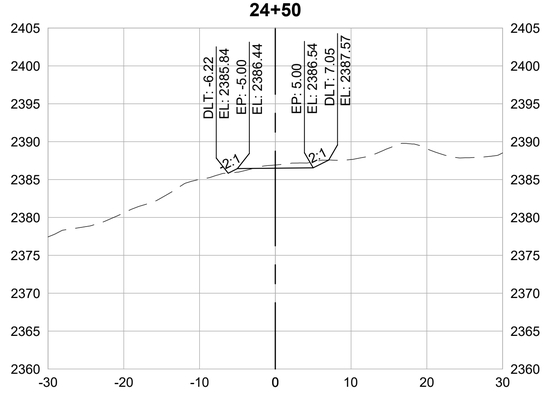
DESIGN BY	ES,MT
DRAWN BY	ES,MT
CHECKED BY	MT
SCALE	1" = 10'
DATE	DECEMBER 23, 2022
SHEET	2.17
	OF 27

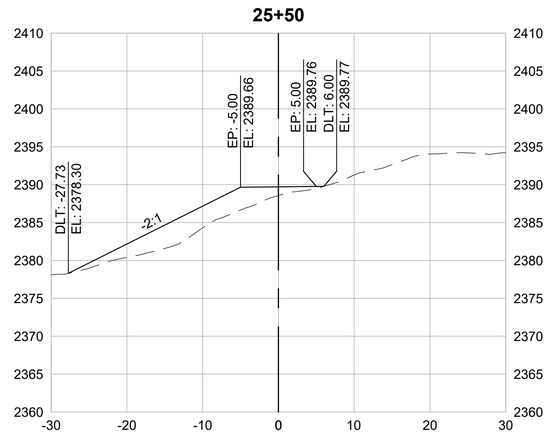












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO NEAL ST

CROSS SECTION (23+00 TO 25+50)

30% DESIGN REVIEW

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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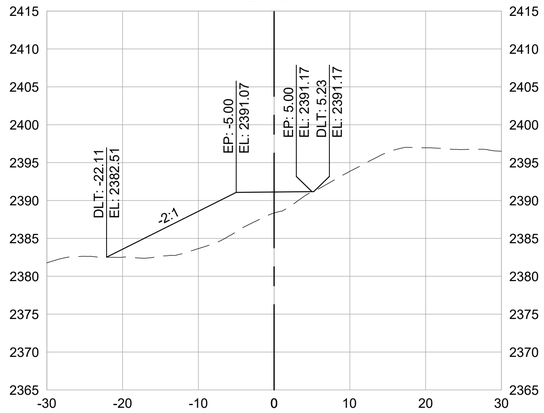
www.restorationdesigngroup.com

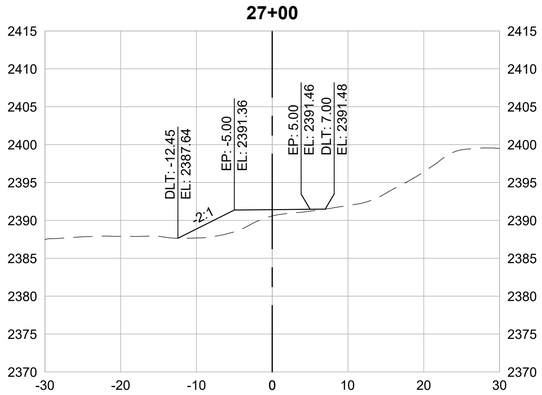
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT
CHECKED BY	MT
SCALE	1" = 10'
DATE	DECEMBER 23, 2022
SHEET	2.18
	OF 27

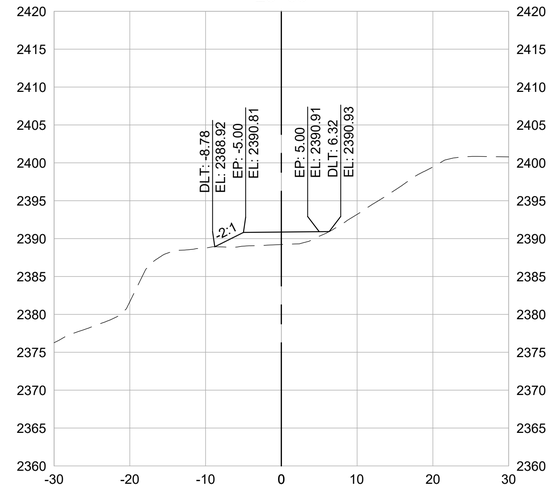
26+00



27+00

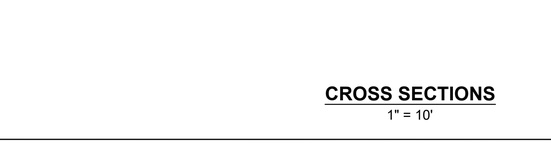


28+00

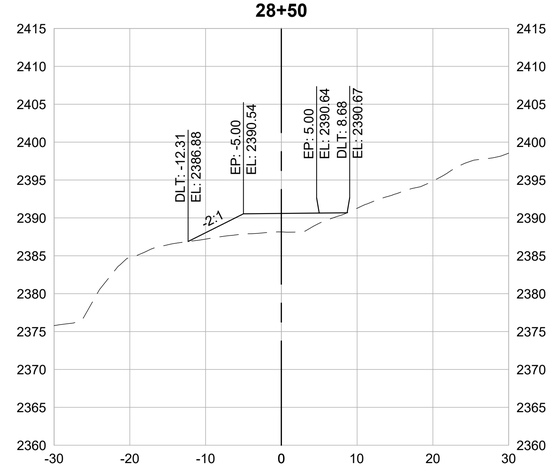


26+50

27+50



28+50



CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO NEAL ST

30% DESIGN REVIEW

CROSS SECTION (26+00 TO 28+50)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
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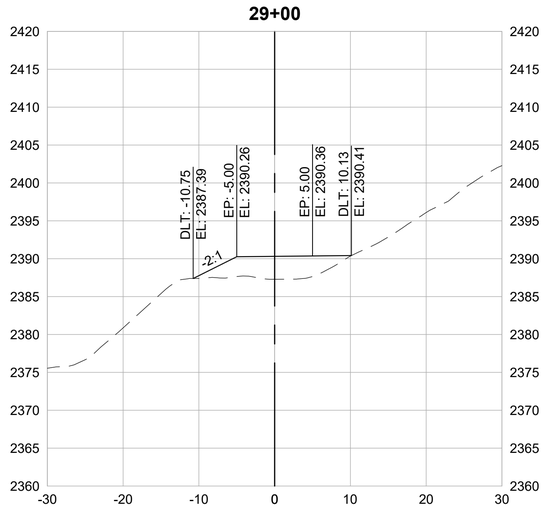
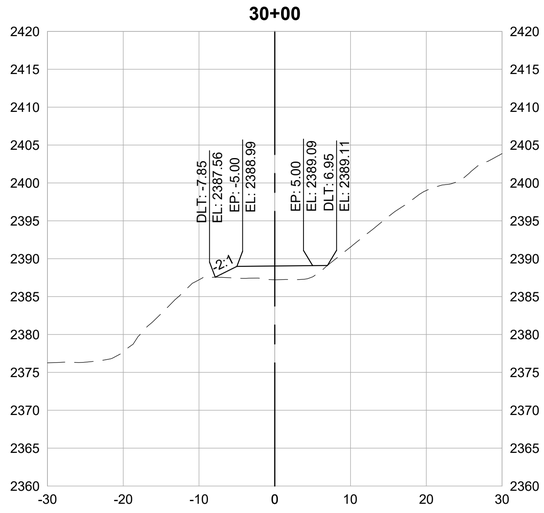
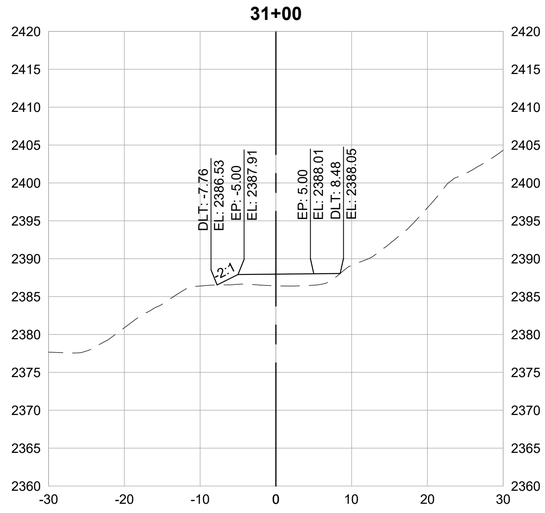
www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT
CHECKED BY	MT
SCALE	1" = 10'
DATE	DECEMBER 23, 2022
SHEET	2.19
	OF 27







CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO NEAL ST

CROSS SECTION (29+00 TO 31+50)

30% DESIGN REVIEW

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

RDG
Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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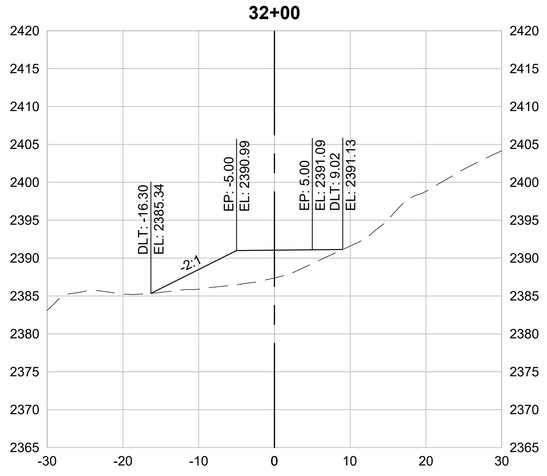
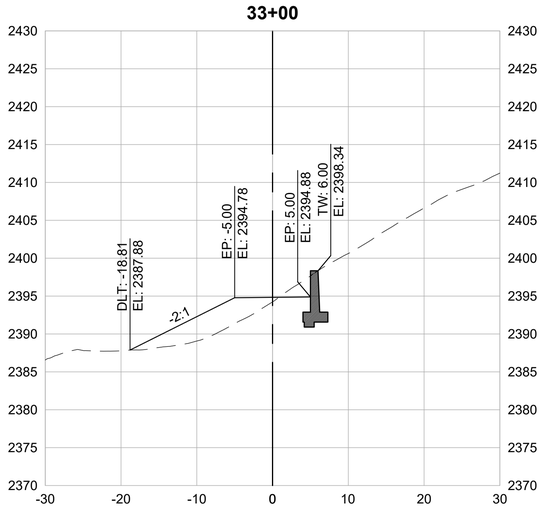
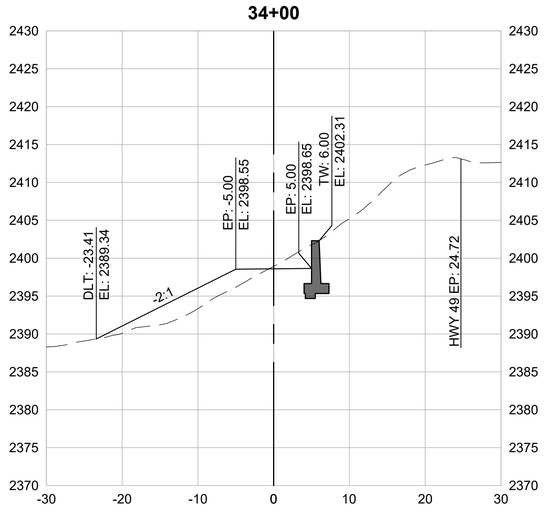
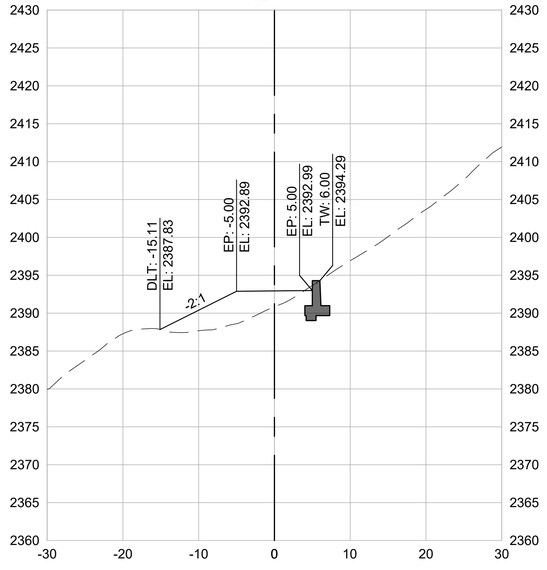
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

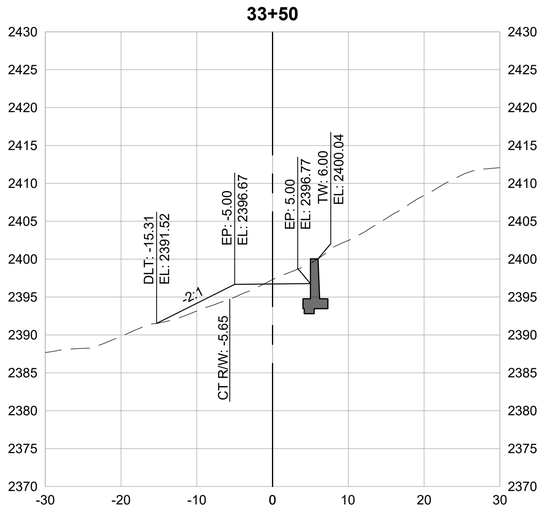
DESIGN BY	ES,MT
DRAWN BY	ES,MT
CHECKED BY	MT
SCALE	1" = 10'
DATE	DECEMBER 23, 2022
SHEET	2.20
	OF 27

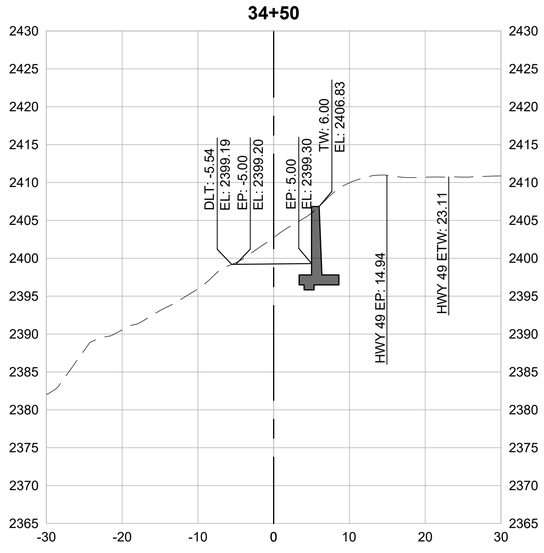












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO S AUBURN ST

PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (32+00 TO 34+50)

Restoration Design Group, Inc.
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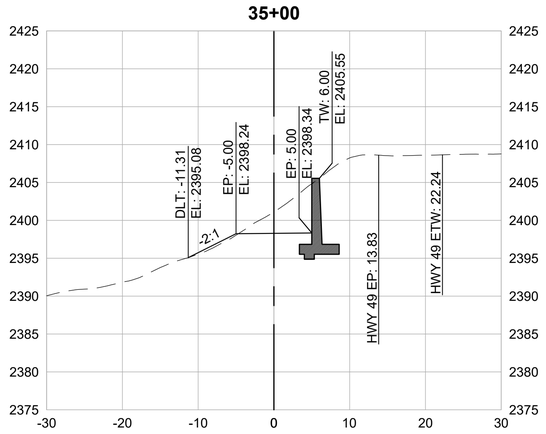
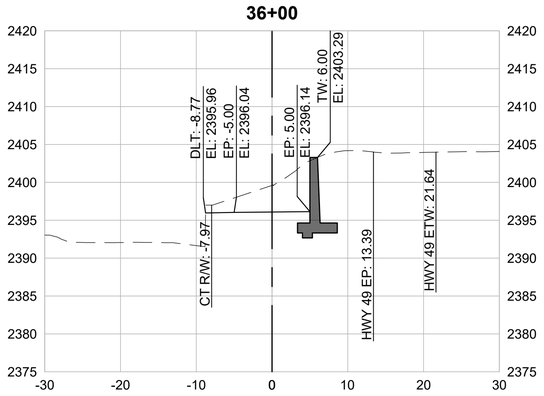
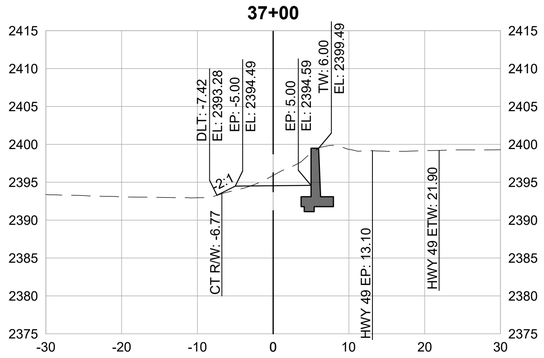
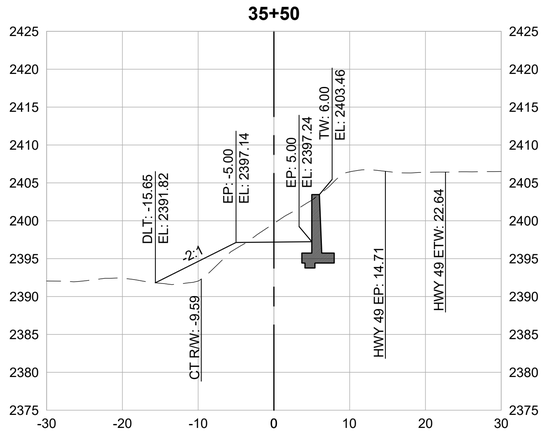
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

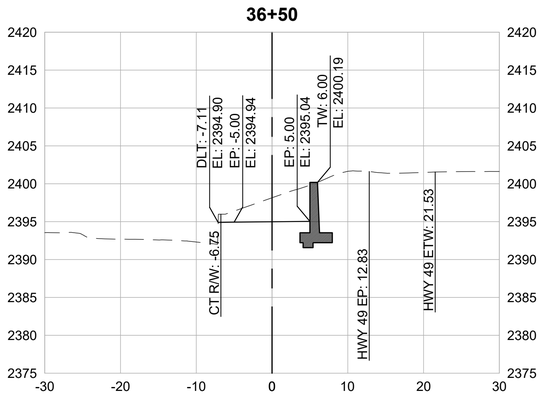
DESIGN BY	ES,MT
DRAWN BY	ES,MT
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	2.21
	OF 82

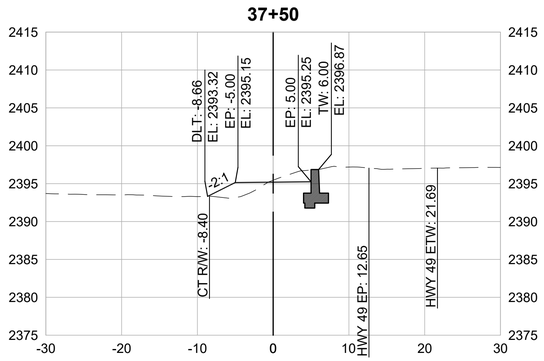












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 2 - FREEMAN LN TO S AUBURN ST

PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (35+00 TO 37+50)

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LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	2.22
	OF 82

SEGMENT 3

LIMITS: HANSEN WAY FROM COLFAX AVE TO BENNETT ST

811
CALL BEFORE YOU DIG
UNDERGROUND SERVICE ALERT

2 WORKING DAYS
BEFORE YOU DIG CALL USA
TOLL FREE 811

REVISIONS

DATE	DESCRIPTION
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WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 3 - HANSEN WAY

PRELIMINARY IMPROVEMENT PLANS

BEGIN SEGMENT 3

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

RDG

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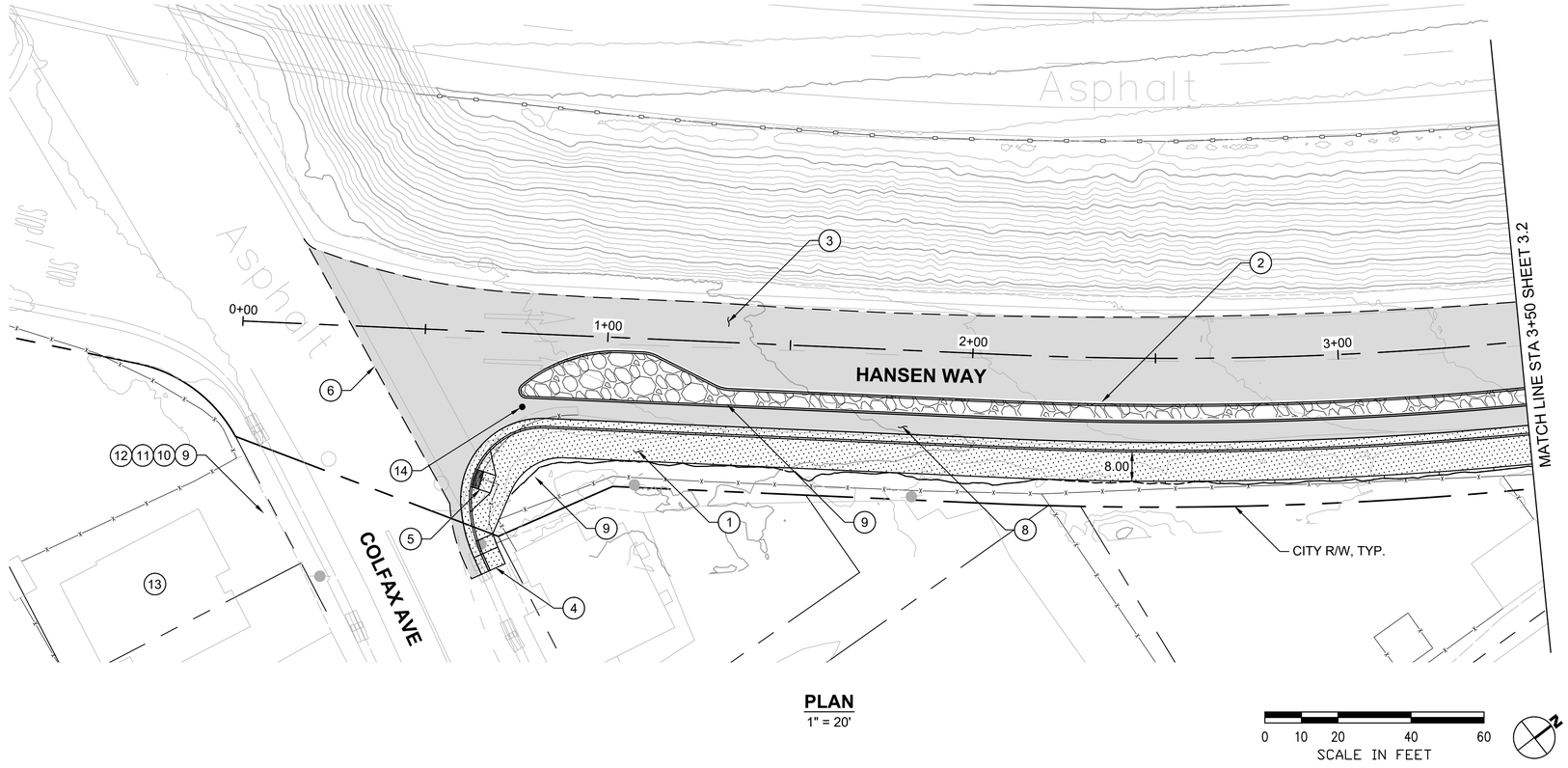
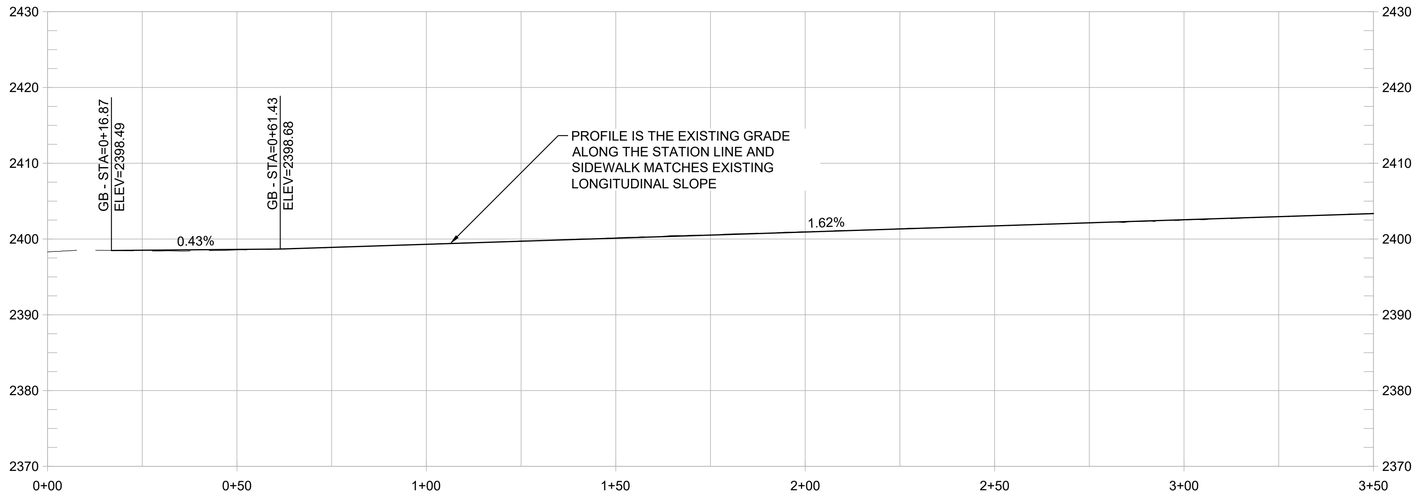
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 6, 2023
SHEET	3.0
	OF 80

C:\USERS\H2OTH\RESTORATION DESIGN GROUP\PROJECTS - DOCUMENTS\WOLF CREEK TRAIL\04 AUTOCAD\WORKING DRAWINGS\SHEETS\SEGMENT 3\SEG-3-WLF-BEG.DWG PLOTTED ON: 3/15/2023



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.
2. LAYOUT TO INTEGRATE WITH FUTURE ROUNDABOUT IMPROVEMENTS.

CONSTRUCTION NOTES

1	CONSTRUCT 8-FT SIDEWALK WITH NEW ROLLED CURB AND GUTTER.	3/1.2
2	CONSTRUCT MEDIAN FOR EITHER PLANTING OR HARDSCAPE WITH TREES IN TREE GRATES.	3/1.2
3	SAWCUT AND REMOVE EXISTING AC PAVEMENT AND RESTORE WITH NEW HMA AS SHOWN.	3/1.2
4	MATCH EXISTING SIDEWALK GRADES AND WIDTH.	
5	INSTALL ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING SURFACE.	
6	MATCH EXISTING AC GRADES.	
7	CONSTRUCT CONC RETAINING WALL.	
8	INTEGRATE COLOR PAVING.	1/1.4
9	PROVIDE TRAIL IDENTITY ELEMENT.	2/1.4
10	PROVIDE GATEWAY ELEMENT.	1/1.6
11	INSTALL INTERPRETIVE ELEMENT.	2/1.6
12	INSTALL WAYFINDING ELEMENT.	2/1.6
13	CREATE A POCKET PARK CONNECTED TO WOLF CREEK TRAIL. DESIGN TO BE DETERMINED.	
14	INSTALL BOLLARD.	

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 3 - HANSEN WAY

PLAN & PROFILE (0+00 TO 3+50)

PRELIMINARY IMPROVEMENT PLANS

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DESIGN BY	ES,MT
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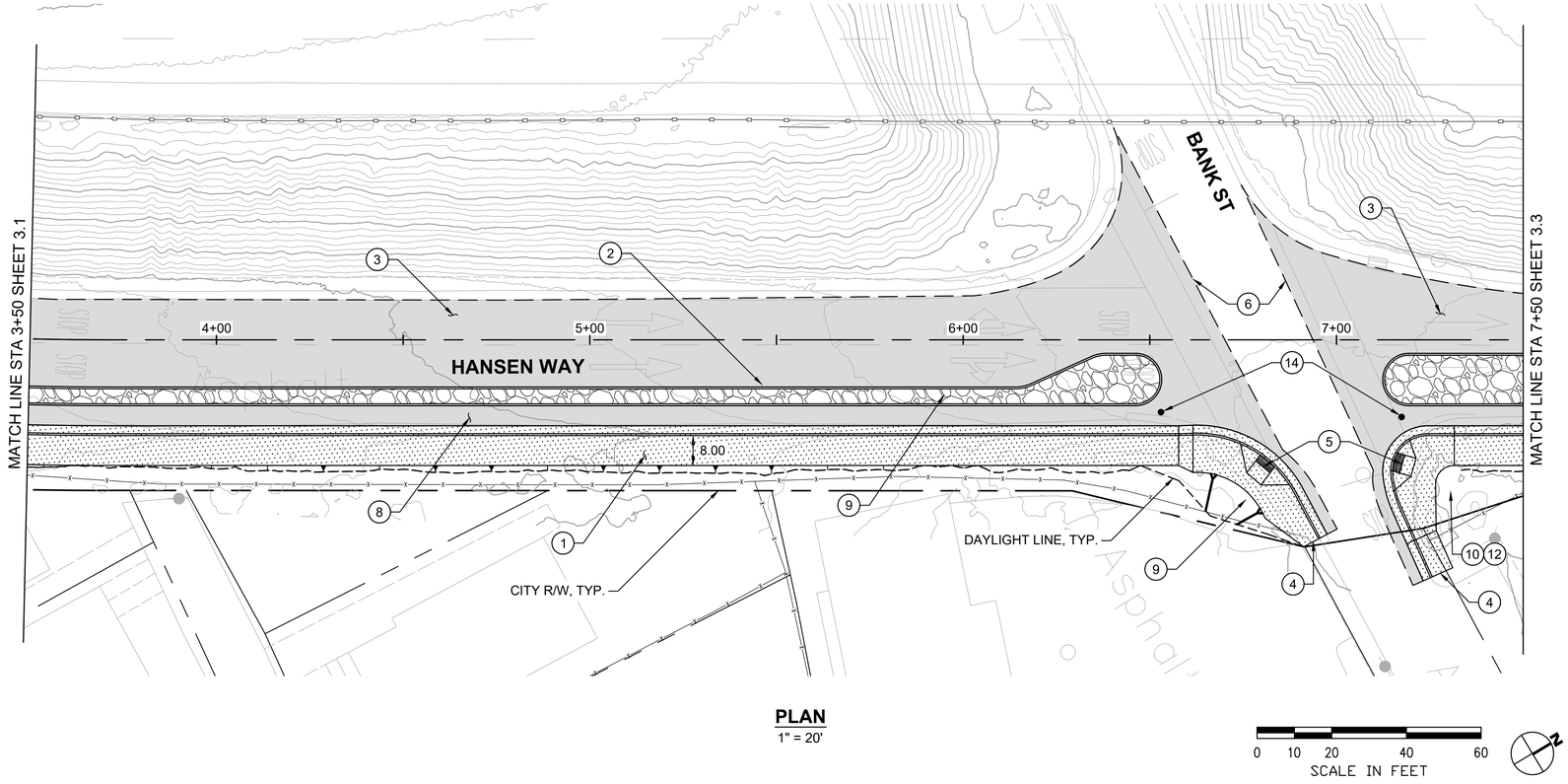
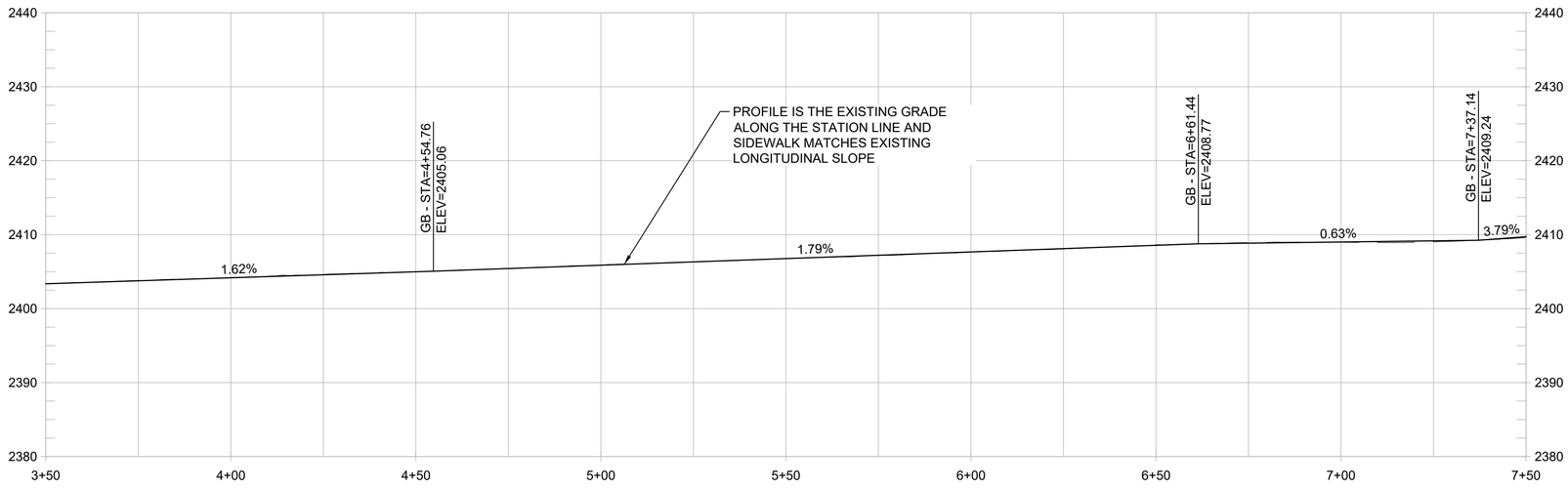
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	3.1
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES

1	CONSTRUCT 8-FT SIDEWALK WITH NEW ROLLED CURB AND GUTTER.	3 / 1.2
2	CONSTRUCT MEDIAN FOR EITHER PLANTING OR HARDSCAPE WITH TREES IN TREE GRATES.	3 / 1.2
3	SAWCUT AND REMOVE EXISTING AC PAVEMENT AND RESTORE WITH NEW HMA AS SHOWN.	3 / 1.2
4	MATCH EXISTING SIDEWALK GRADES AND WIDTH.	
5	INSTALL ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING SURFACE.	
6	MATCH EXISTING AC GRADES.	
7	CONSTRUCT CONC RETAINING WALL.	
8	INTEGRATE COLOR PAVING.	1 / 1.4
9	PROVIDE TRAIL IDENTITY ELEMENT.	2 / 1.4
10	PROVIDE GATEWAY ELEMENT.	1 / 1.6
11	INSTALL INTERPRETIVE ELEMENT.	2 / 1.6
12	INSTALL WAYFINDING ELEMENT.	2 / 1.6
13	CREATE A POCKET PARK CONNECTED TO WOLF CREEK TRAIL. DESIGN TO BE DETERMINED.	
14	INSTALL BOLLARD.	

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 3 - HANSEN WAY

PLAN & PROFILE (3+50 TO 7+50)

PRELIMINARY IMPROVEMENT PLANS

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SCALE	1" = 20'
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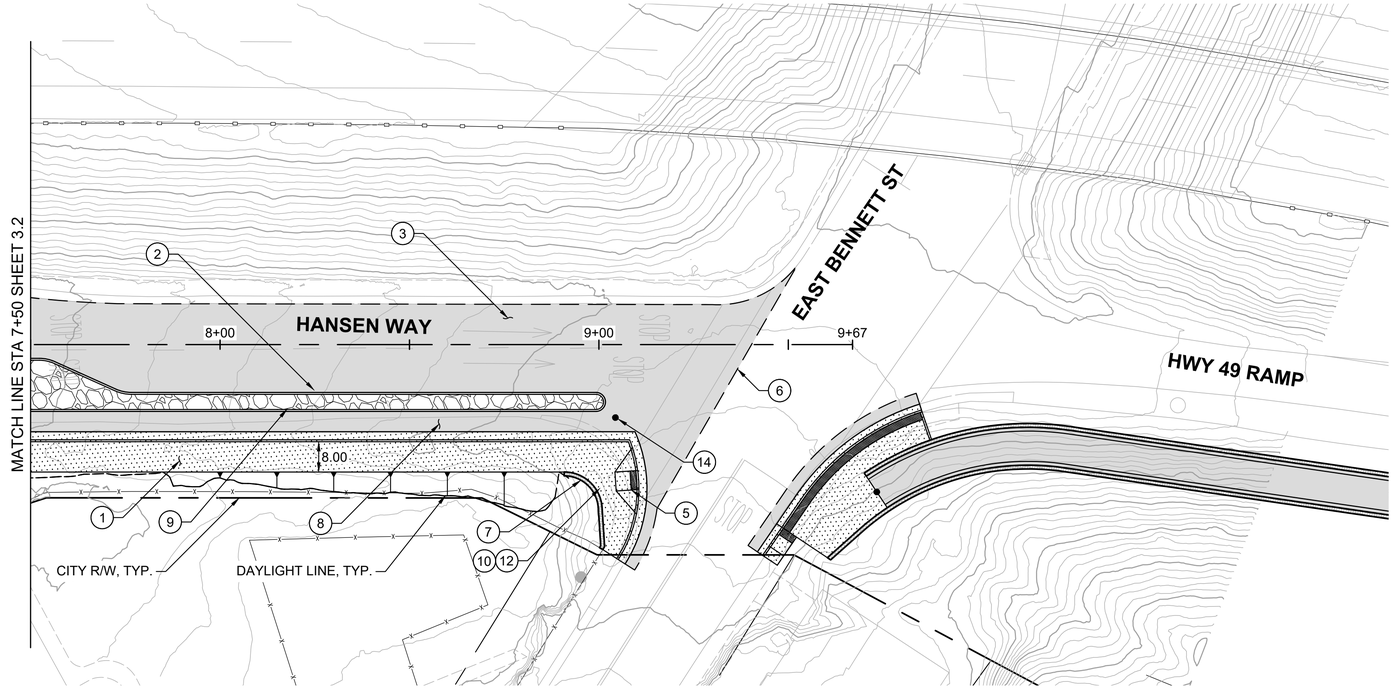
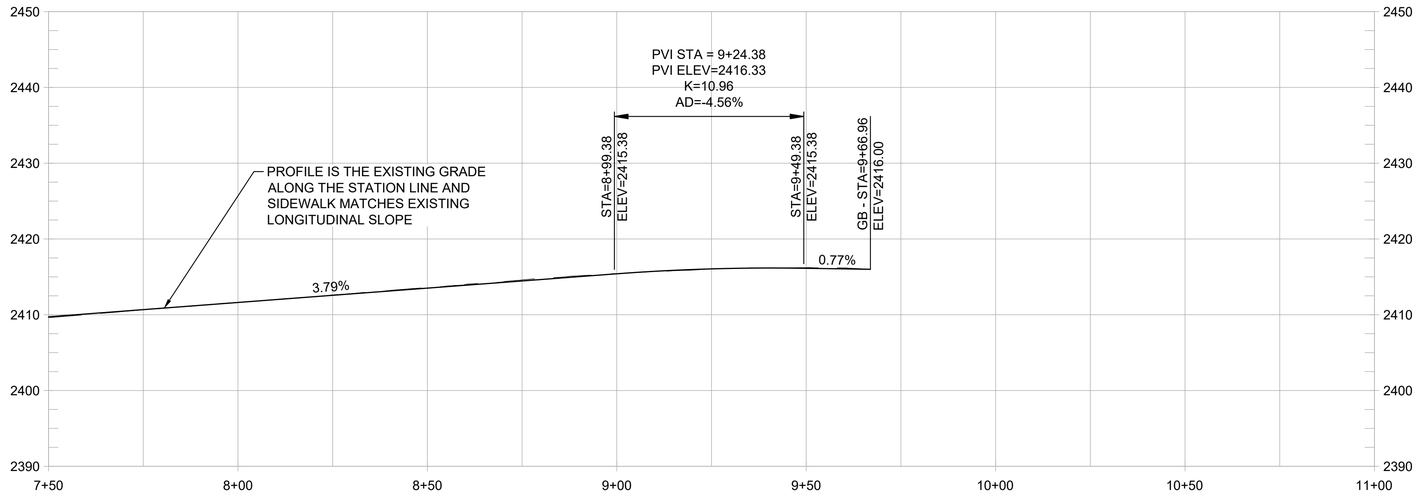
SHEET	3.2
	OF 82



SEGMENT 3 | SEGMENT 4

PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES

1. CONSTRUCT 8-FT SIDEWALK WITH NEW ROLLED CURB AND GUTTER. (3/1.2)
2. CONSTRUCT MEDIAN FOR EITHER PLANTING OR HARDSCAPE WITH TREES IN TREE GRATES. (3/1.2)
3. SAWCUT AND REMOVE EXISTING AC PAVEMENT AND RESTORE WITH NEW HMA AS SHOWN. (3/1.2)
4. MATCH EXISTING SIDEWALK GRADES AND WIDTH.
5. INSTALL ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING SURFACE.
6. MATCH EXISTING AC GRADES.
7. CONSTRUCT CONC RETAINING WALL.
8. INTEGRATE COLOR PAVING. (1/1.4)
9. PROVIDE TRAIL IDENTITY ELEMENT. (2/1.4)
10. PROVIDE GATEWAY ELEMENT. (1/1.6)
11. INSTALL INTERPRETIVE ELEMENT. (2/1.6)
12. INSTALL WAYFINDING ELEMENT. (2/1.6)
13. CREATE A POCKET PARK CONNECTED TO WOLF CREEK TRAIL. DESIGN TO BE DETERMINED.
14. INSTALL BOLLARD.

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 3 - HANSEN WAY

PLAN & PROFILE (7+50 TO 9+67)

PRELIMINARY IMPROVEMENT PLANS

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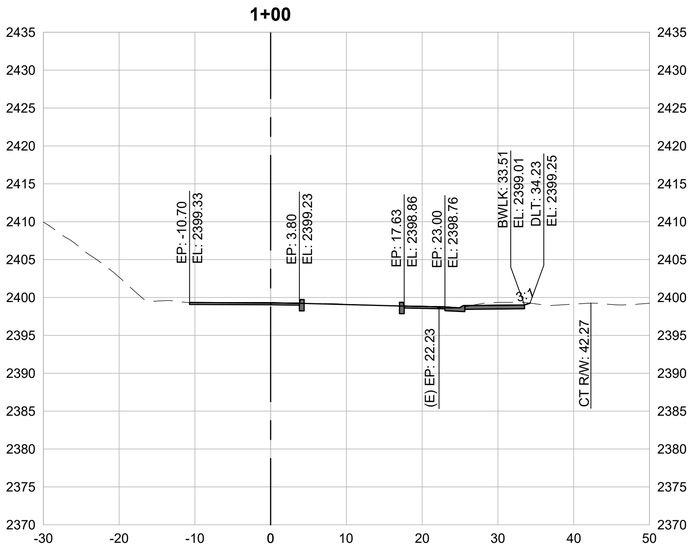
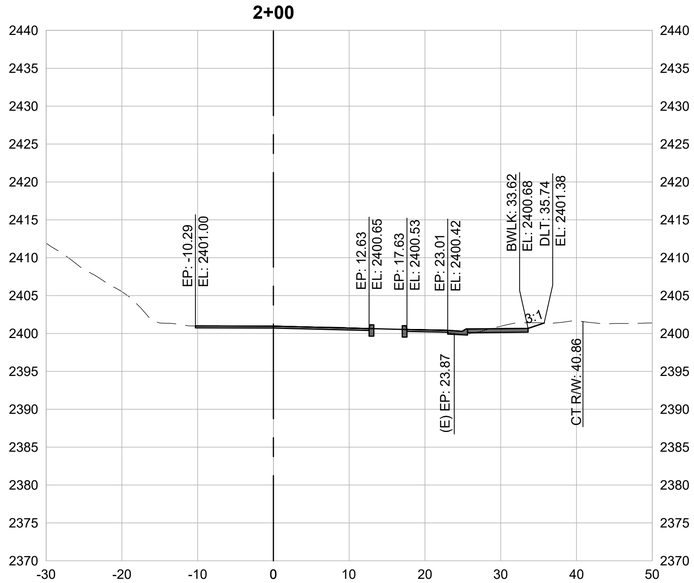
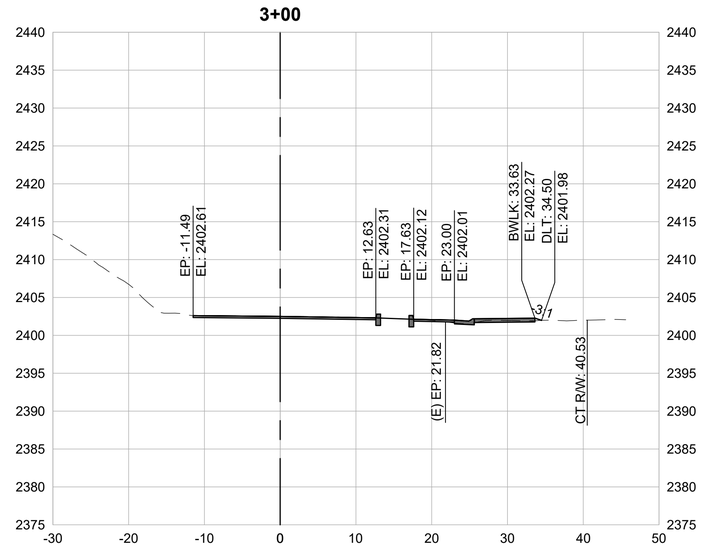
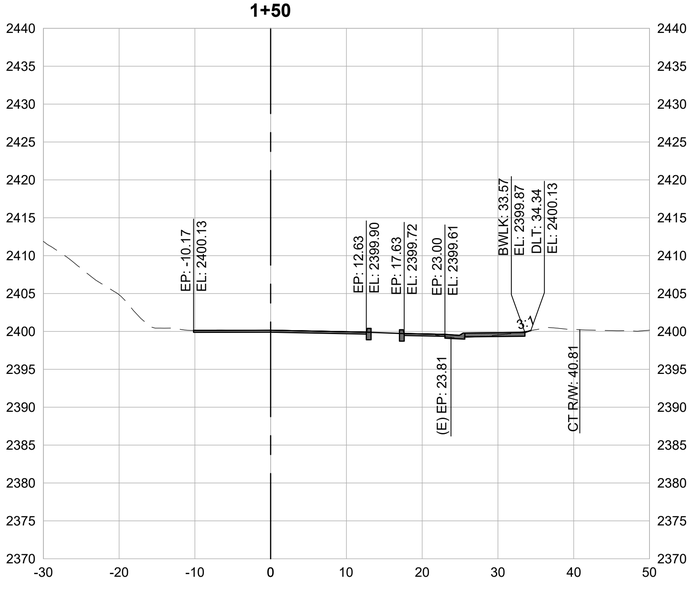
STATE OF CALIFORNIA

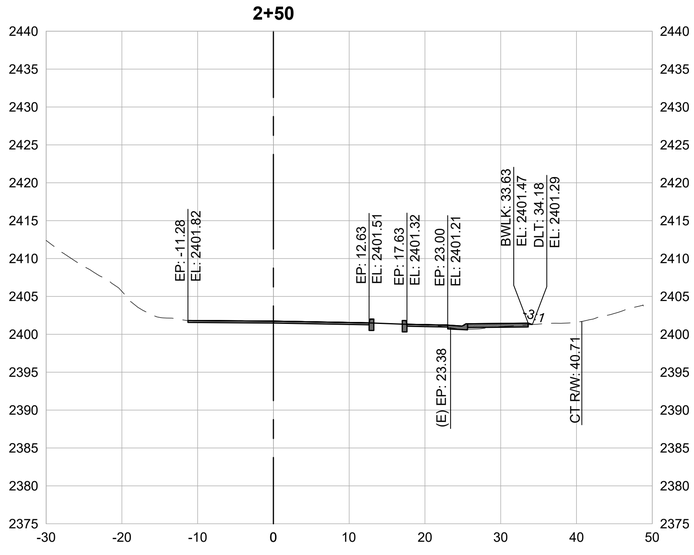
DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	3.3
	OF 82

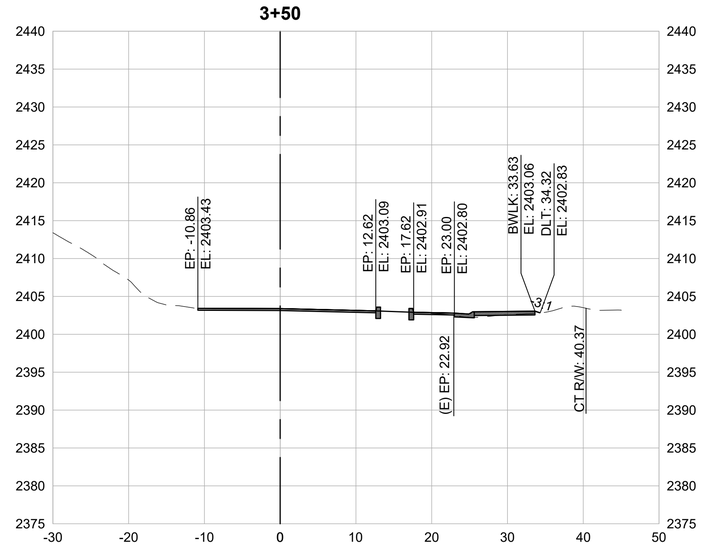












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 3 - HANSEN WAY

PRELIMINARY IMPROVEMENT PLANS

CROSS SECTION (1+00 TO 3+50)

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MATTHEW J THOMAS
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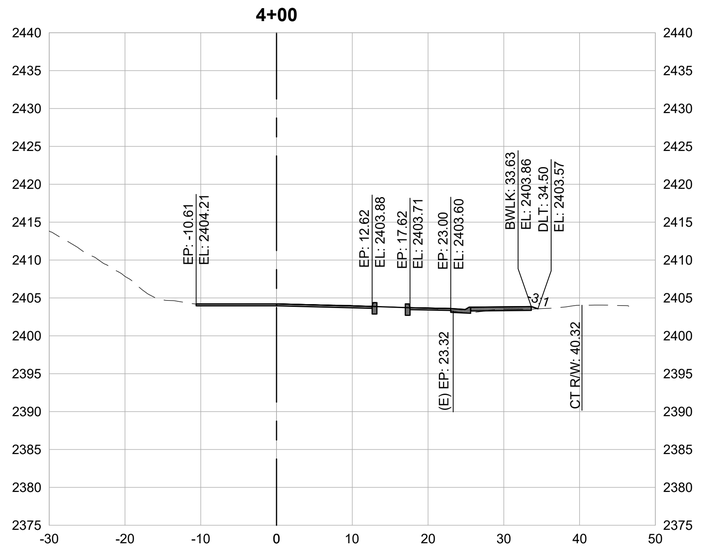
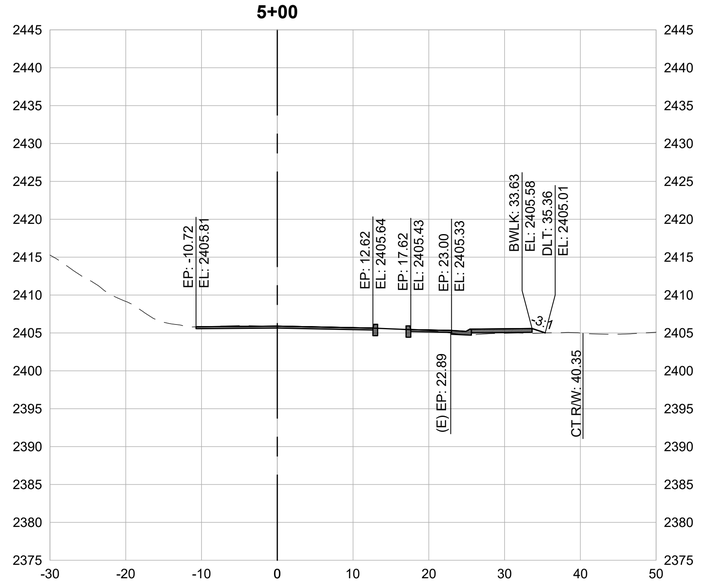
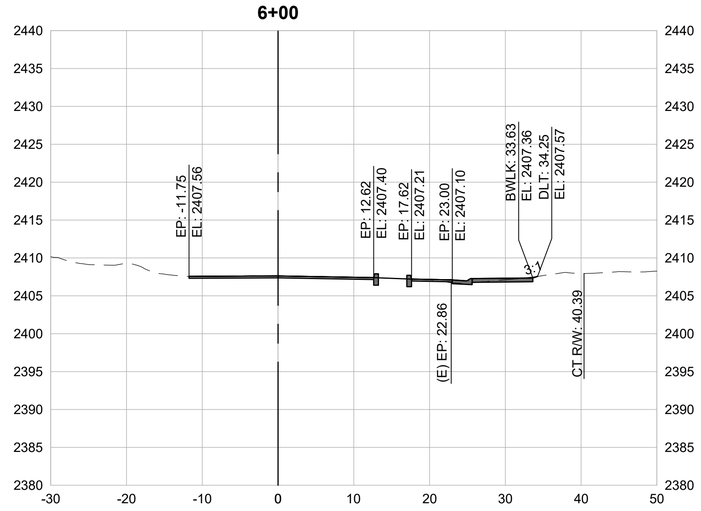
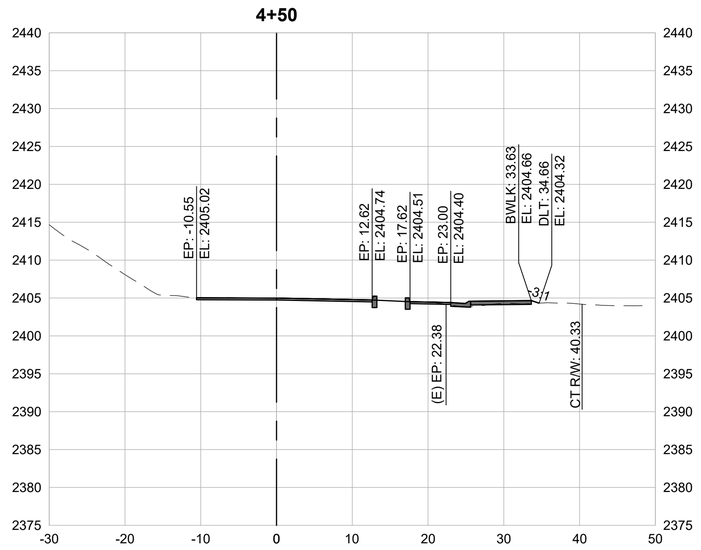
CIVIL
STATE OF CALIFORNIA

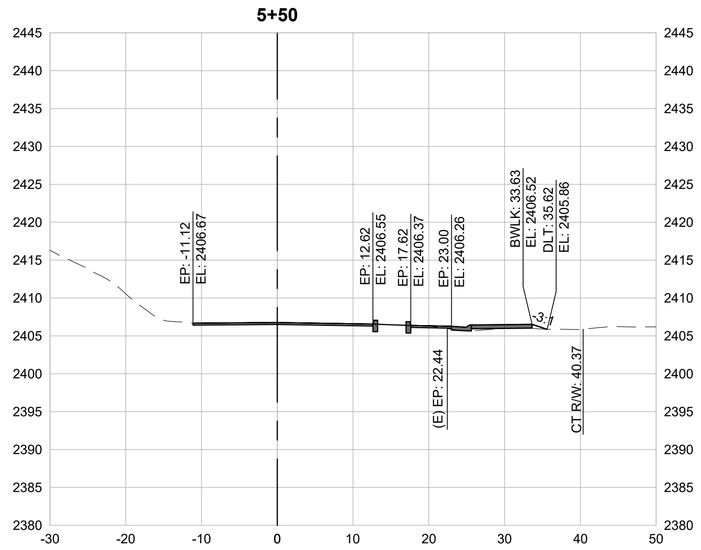
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	3.4
	OF 82

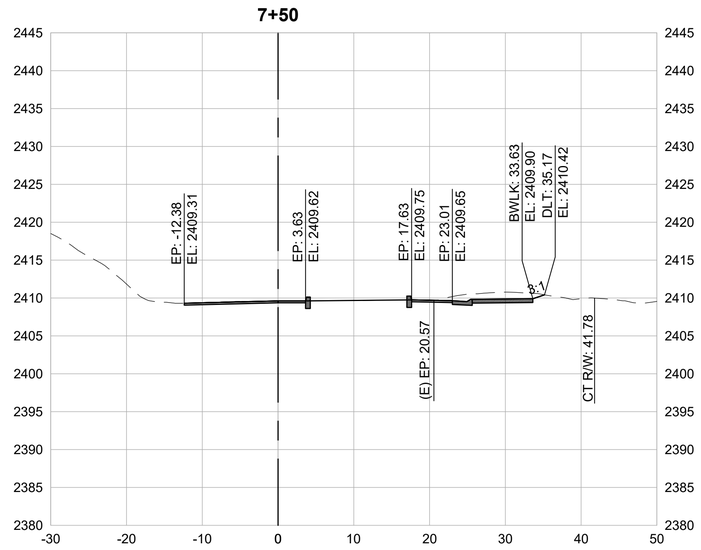












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 3 - HANSEN WAY

PRELIMINARY IMPROVEMENT PLANS

CROSS SECTION (4+00 TO 7+50)

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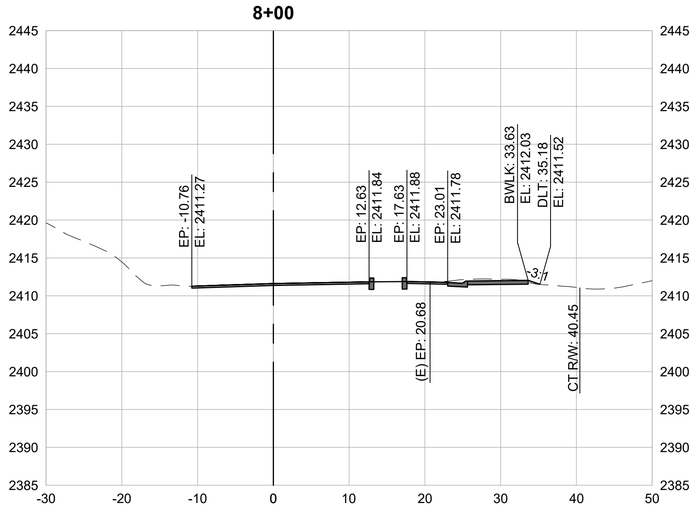
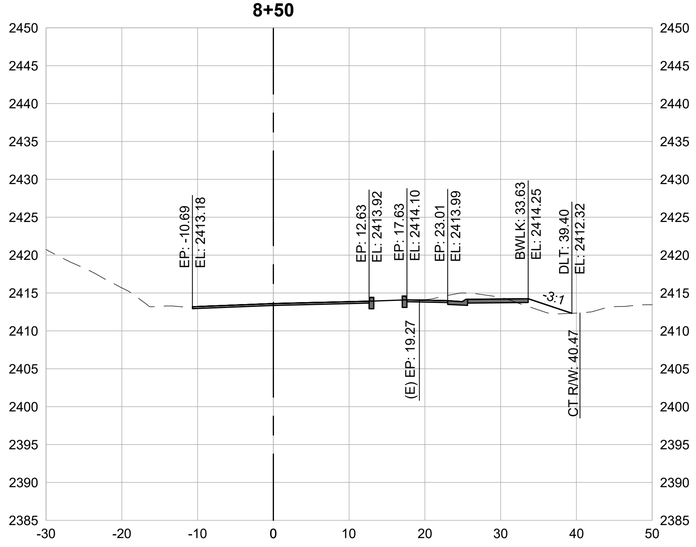
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	3.5
	OF 82





CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
VALUE

PRELIMINARY IMPROVEMENT PLANS

CROSS SECTION (8+00 TO 8+50)

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MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	XX
DRAWN BY	XX
CHECKED BY	XX
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	3.6
	OF 82

SEGMENT 4

LIMITS: BENNETT ST TO RAILROAD AVE AND IDAHO MARYLAND RD

811
CALL BEFORE YOU DIG
UNDERGROUND SERVICE ALERT

2 WORKING DAYS
BEFORE YOU DIG CALL USA
TOLL FREE 811

REVISIONS

DATE	DESCRIPTION
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WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

PRELIMINARY IMPROVEMENT PLANS

BEGIN SEGMENT 4

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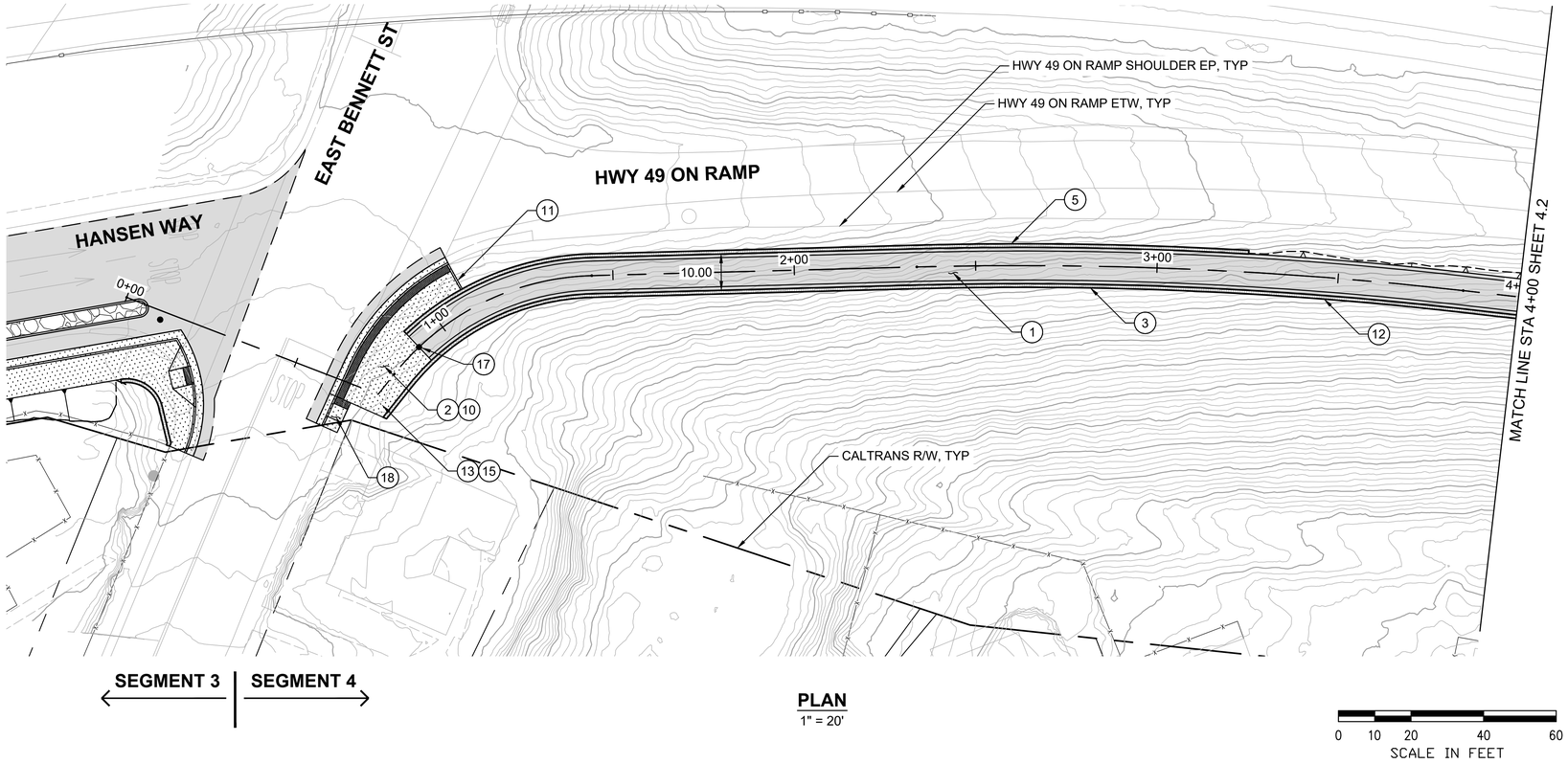
SCALE	1" = 20'
DATE	MARCH 6, 2023
SHEET	4.0
	OF 80

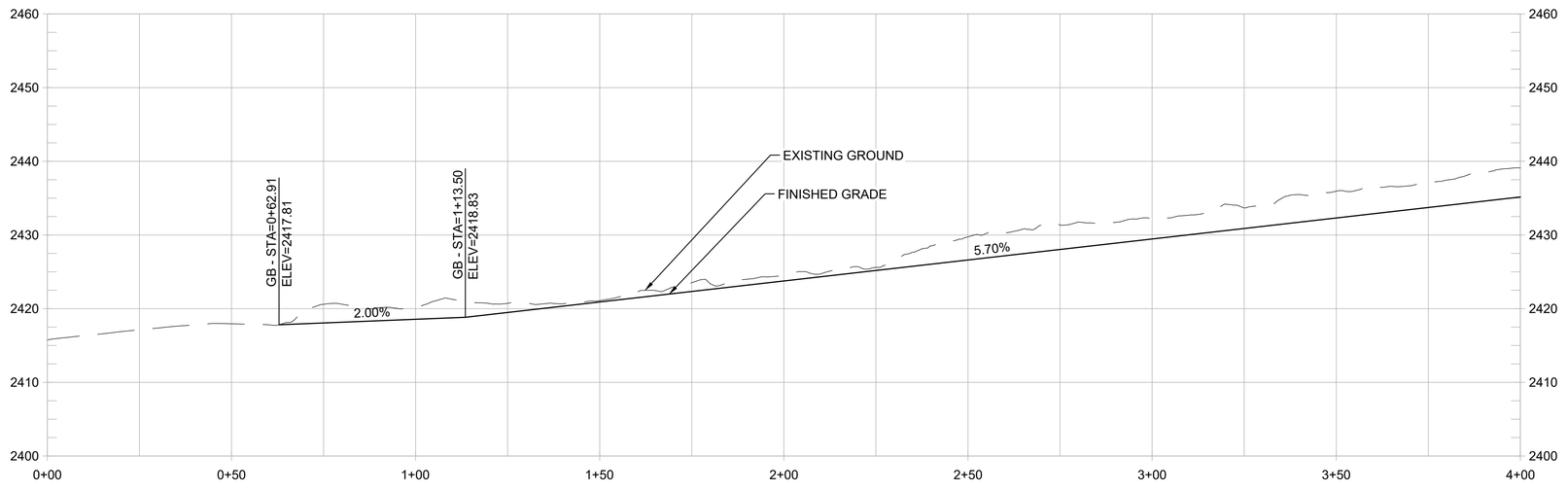
C:\USERS\H2OTH\RESTORATION DESIGN GROUP\PROJECTS - DOCUMENTS\WOLF CREEK TRAIL\04 AUTOCAD\WORKING DRAWINGS\SHEETS\SEGMENT 4\SEG-4-WLF-BEG.DWG PLOTTED ON: 3/15/2023



SEGMENT 3 | SEGMENT 4

PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.
2. THE NEW CURB, GUTTER, AND SIDEWALK SHOWN ALONG EAST SIDE OF EAST BENNETT ST IS DEPRESSED ALONG ENTIRE LENGTH FOR ADA ACCESS.

CONSTRUCTION NOTES:

1. CONSTRUCT 8-FT WIDE HMA PATH WITH 1-FT HMA SHOULDERS. (1/1.3)
2. CONSTRUCT NEW CURB, GUTTER, AND SIDEWALK LANDING LEVEL WITH EXISTING AC TO PROVIDE ADA ACCESS AND ADD DETECTABLE WARNING STRIP.
3. CONSTRUCT CONC CUT RETAINING WALL.
4. PRESERVE AND PROTECT EXISTING CONC RETAINING WALL.
5. CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY. (1/1.5)
6. TRANSITION FROM HMA BIKE PATH TO 10-FT WIDE SIDEWALK.
7. CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK. (2/1.3)
8. CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING STRIP.
9. INSTALL LADDER TYPE CROSSWALK STRIPING.
10. INTEGRATE COLOR PAVING (1/1.4)
11. PROVIDE TRAIL IDENTITY ELEMENT (2/1.4)
12. INSTALL MURAL (2/1.5)
13. PROVIDE GATEWAY ELEMENT (1/1.6)
14. INSTALL INTERPRETIVE ELEMENT (2/1.6)
15. INSTALL WAYFINDING ELEMENT (2/1.6)
16. CREATE A POCKET PARK CONNECTED TO WOLF CREEK TRAIL. DESIGN TO BE DETERMINED.
17. INSTALL BOLLARD.
18. REMOVE AND REPLACE EXISTING SIDEWALK WITH ADA ACCESSIBLE CURB RAMP.

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

PRELIMINARY IMPROVEMENT PLANS

PLAN & PROFILE (0+00 TO 4+00)

S2S ENVIRONMENTAL RESOURCE MANAGEMENT

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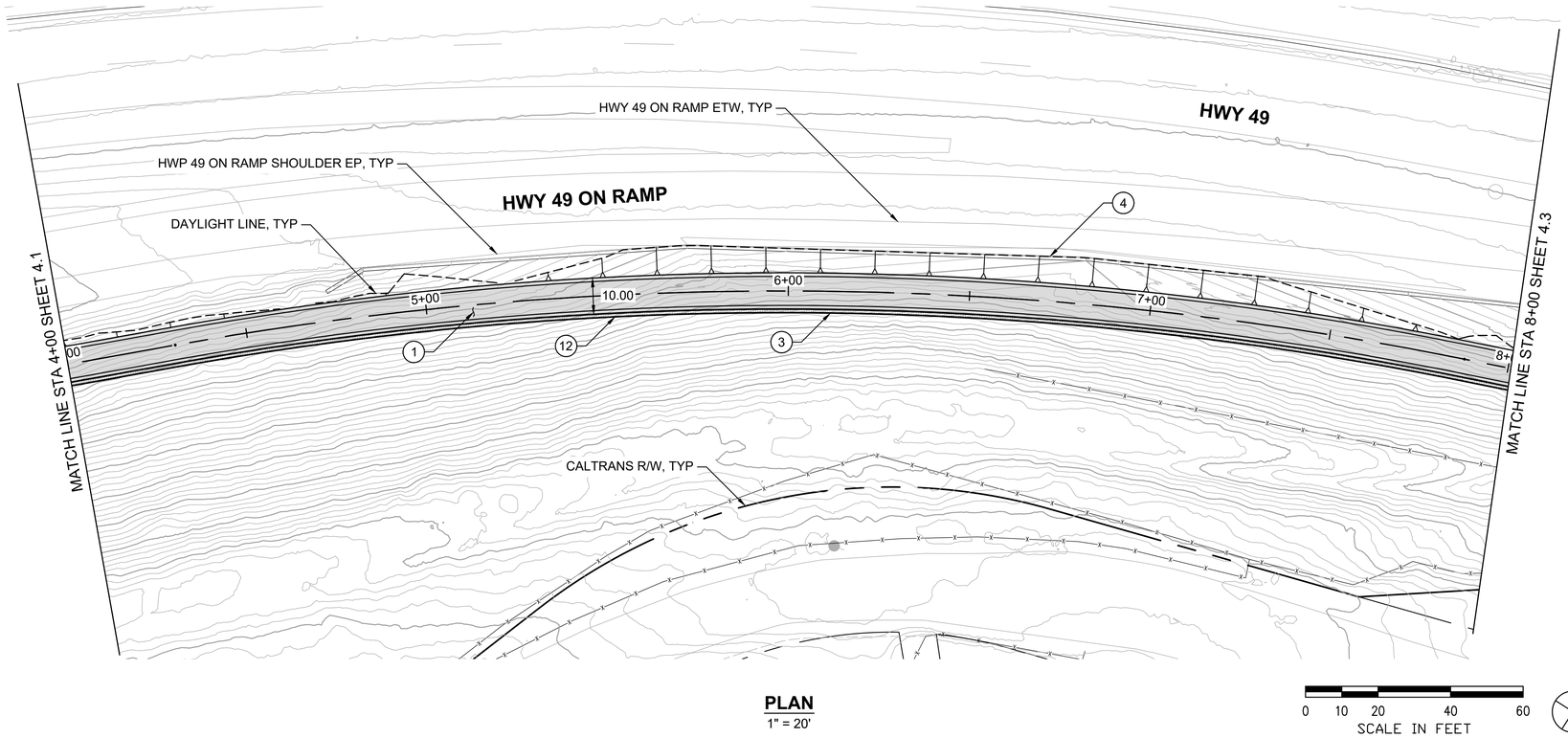
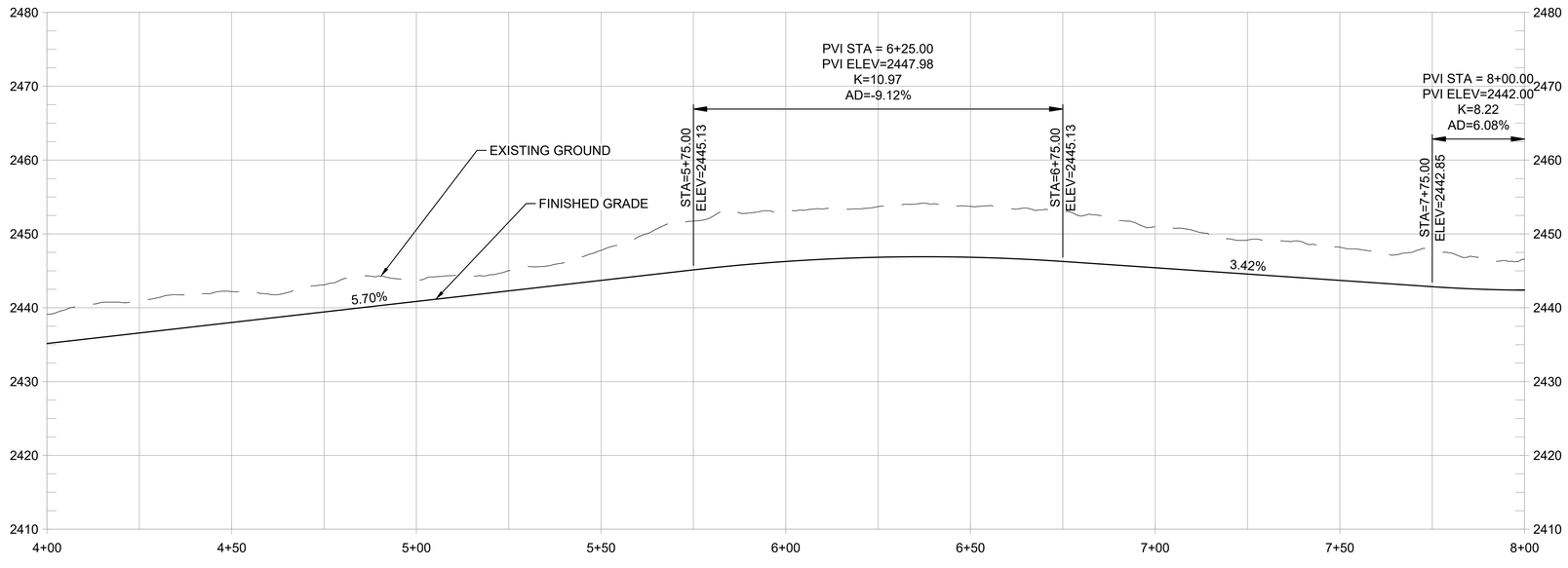


PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1	CONSTRUCT 8-FT WIDE HMA PATH WITH 1-FT HMA SHOULDERS.	1/1.3
2	CONSTRUCT NEW CURB, GUTTER, AND SIDEWALK LANDING LEVEL WITH EXISTING AC TO PROVIDE ADA ACCESS AND ADD DETECTABLE WARNING STRIP.	
3	CONSTRUCT CONC CUT RETAINING WALL.	
4	PRESERVE AND PROTECT EXISTING CONC RETAINING WALL.	
5	CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY.	1/1.5
6	TRANSITION FROM HMA BIKE PATH TO 10-FT WIDE SIDEWALK.	
7	CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK.	2/1.3
8	CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING STRIP.	
9	INSTALL LADDER TYPE CROSSWALK STRIPING.	
10	INTEGRATE COLOR PAVING	1/1.4
11	PROVIDE TRAIL IDENTITY ELEMENT	2/1.4
12	INSTALL MURAL	2/1.5
13	PROVIDE GATEWAY ELEMENT	1/1.6
14	INSTALL INTERPRETIVE ELEMENT	2/1.6
15	INSTALL WAYFINDING ELEMENT	2/1.6

REVISIONS

DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

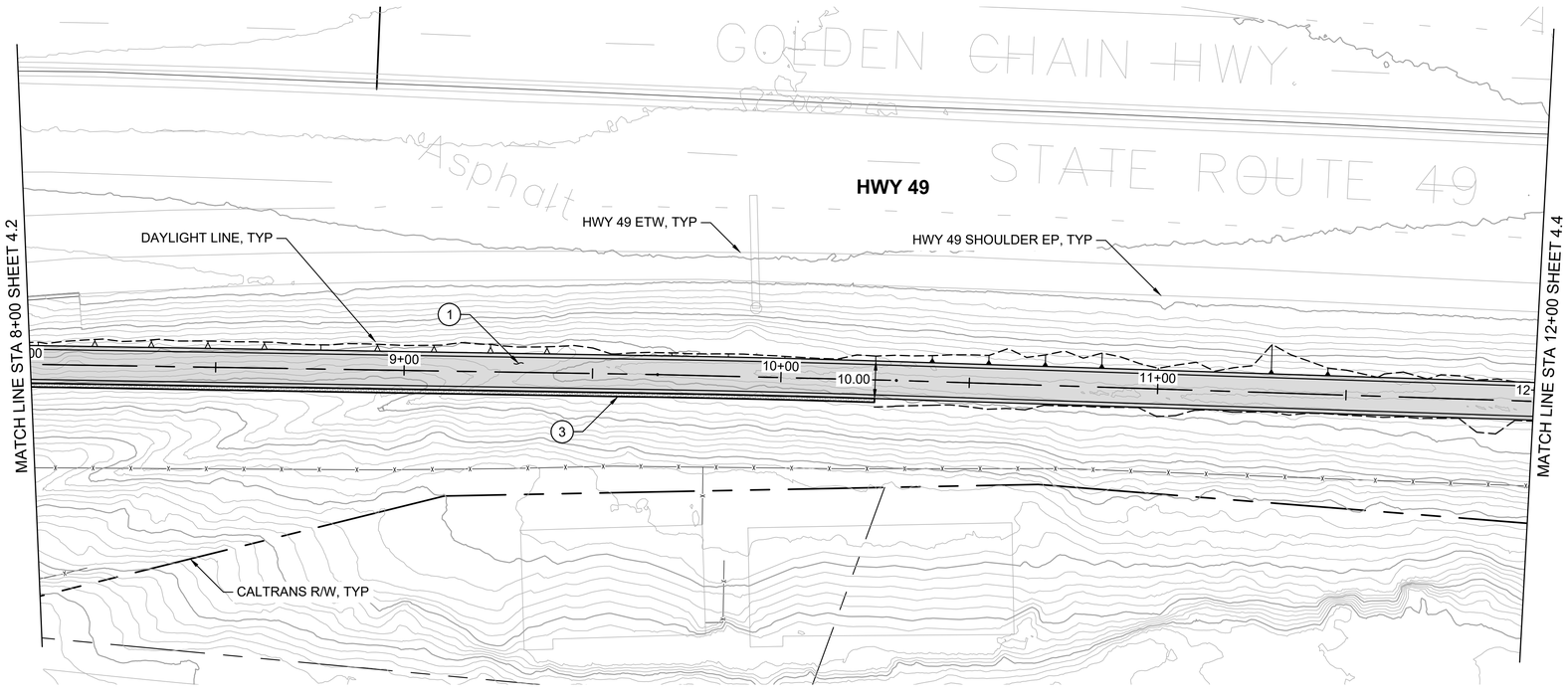
PLAN & PROFILE (4+00 TO 8+00)

PRELIMINARY IMPROVEMENT PLANS

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	4.2
	OF 82



PLAN
1" = 20'

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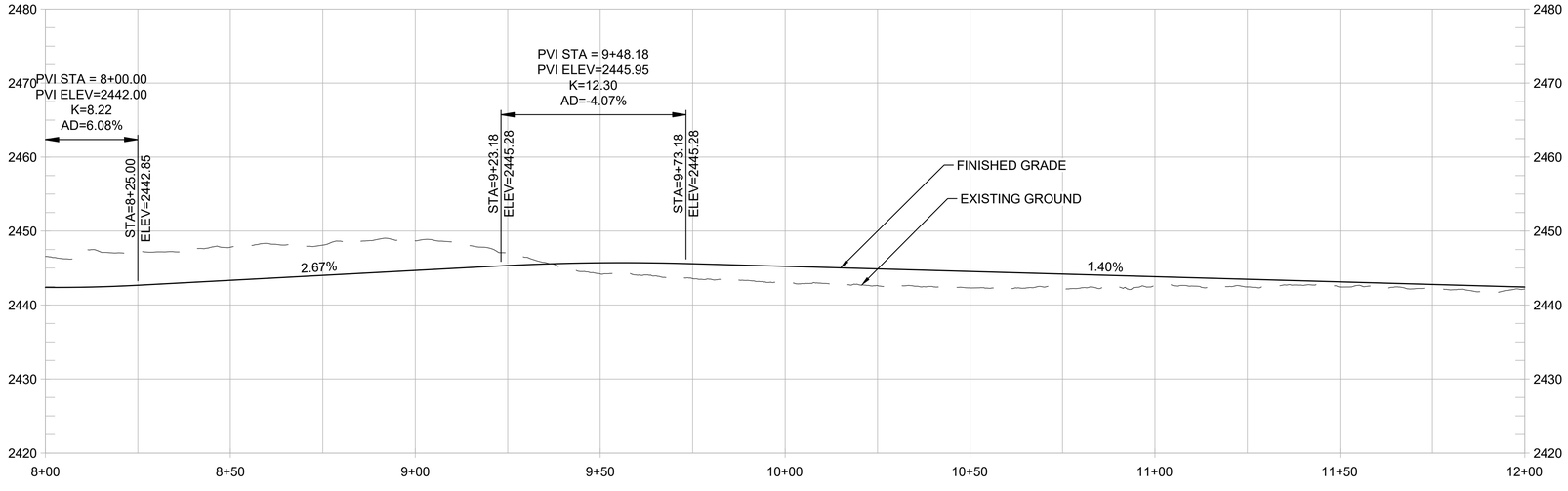
SCALE IN FEET



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1	CONSTRUCT 8-FT WIDE HMA PATH WITH 1-FT HMA SHOULDERS.	1/1.3
2	CONSTRUCT NEW CURB, GUTTER, AND SIDEWALK LANDING LEVEL WITH EXISTING AC TO PROVIDE ADA ACCESS AND ADD DETECTABLE WARNING STRIP.	
3	CONSTRUCT CONC CUT RETAINING WALL.	
4	PRESERVE AND PROTECT EXISTING CONC RETAINING WALL.	
5	CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY.	1/1.5
6	TRANSITION FROM HMA BIKE PATH TO 10-FT WIDE SIDEWALK.	
7	CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK.	2/1.3
8	CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING STRIP.	
9	INSTALL LADDER TYPE CROSSWALK STRIPING.	
10	INTEGRATE COLOR PAVING	1/1.4
11	PROVIDE TRAIL IDENTITY ELEMENT	2/1.4
12	INSTALL MURAL	2/1.5
13	PROVIDE GATEWAY ELEMENT	1/1.6
14	INSTALL INTERPRETIVE ELEMENT	2/1.6
15	INSTALL WAYFINDING ELEMENT	2/1.6

REVISIONS

DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

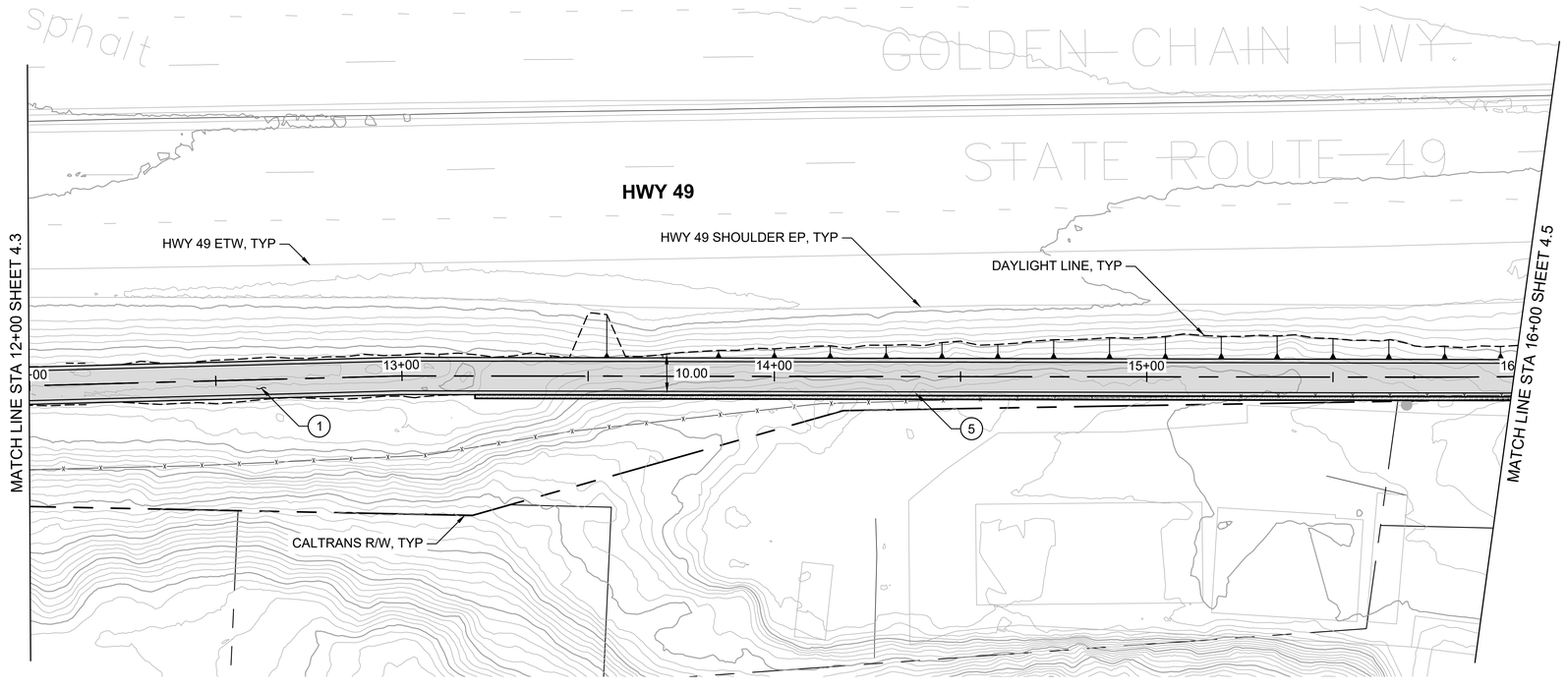
PLAN & PROFILE (8+00 TO 12+00)

PRELIMINARY IMPROVEMENT PLANS

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

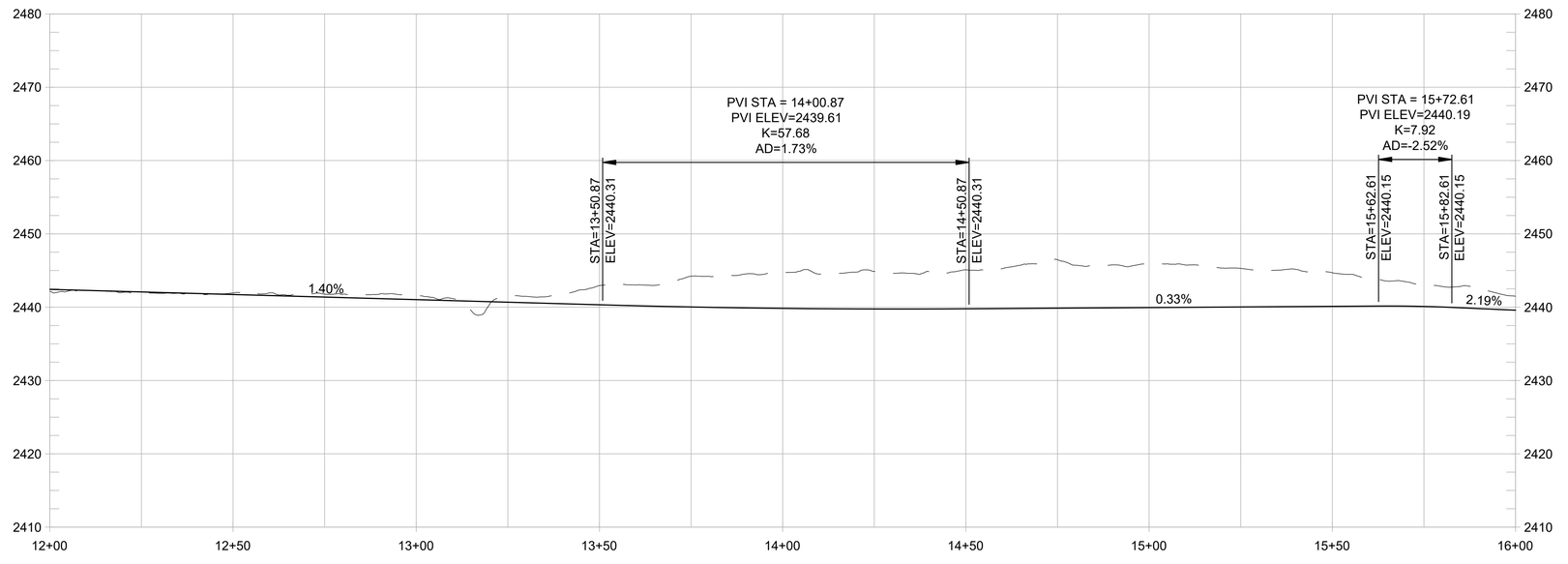
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	4.3
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1	CONSTRUCT 8-FT WIDE HMA PATH WITH 1-FT HMA SHOULDERS.	1/1.3
2	CONSTRUCT NEW CURB, GUTTER, AND SIDEWALK LANDING LEVEL WITH EXISTING AC TO PROVIDE ADA ACCESS AND ADD DETECTABLE WARNING STRIP.	
3	CONSTRUCT CONC CUT RETAINING WALL.	
4	PRESERVE AND PROTECT EXISTING CONC RETAINING WALL.	
5	CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY.	1/1.5
6	TRANSITION FROM HMA BIKE PATH TO 10-FT WIDE SIDEWALK.	
7	CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK.	2/1.3
8	CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING STRIP.	
9	INSTALL LADDER TYPE CROSSWALK STRIPING.	
10	INTEGRATE COLOR PAVING	1/1.4
11	PROVIDE TRAIL IDENTITY ELEMENT	2/1.4
12	INSTALL MURAL	2/1.5
13	PROVIDE GATEWAY ELEMENT	1/1.6
14	INSTALL INTERPRETIVE ELEMENT	2/1.6
15	INSTALL WAYFINDING ELEMENT	2/1.6

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

PRELIMINARY IMPROVEMENT PLANS

PLAN & PROFILE (12+00 TO 16+00)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
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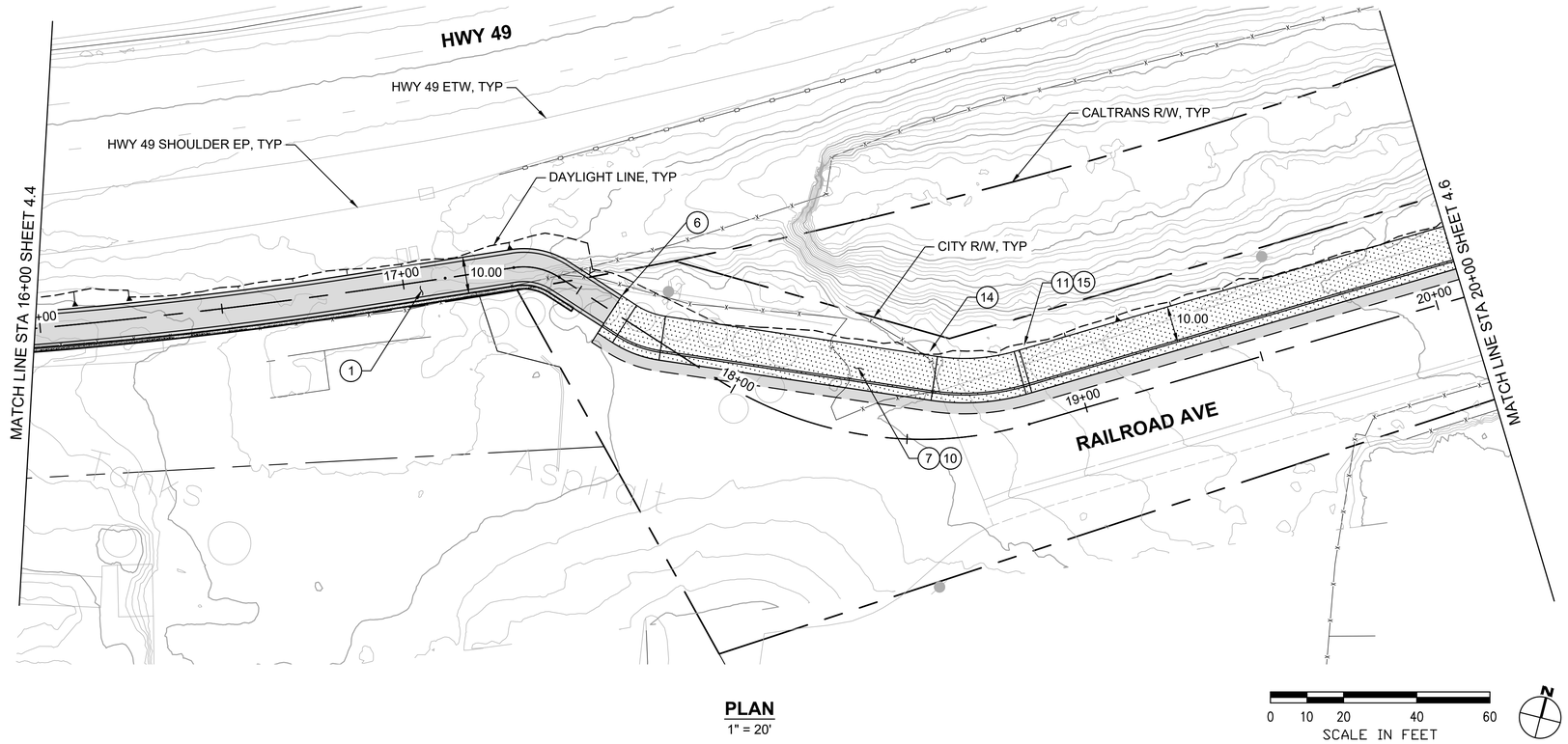
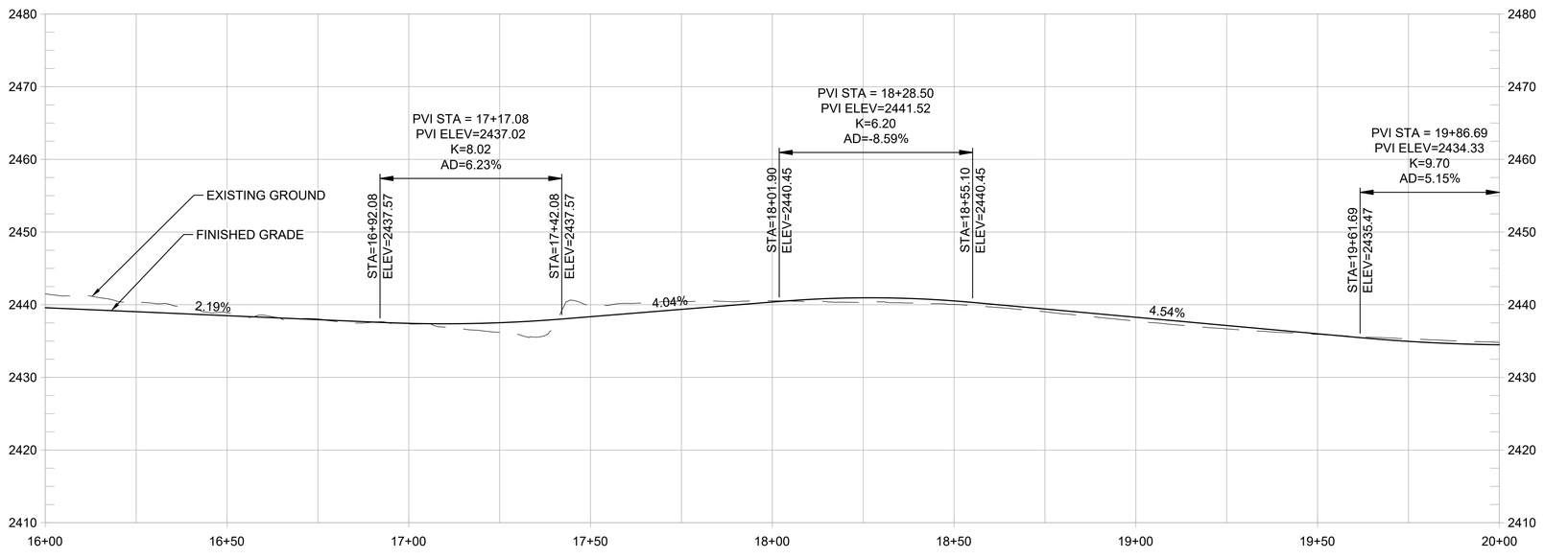
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	4.4
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1. CONSTRUCT 8-FT WIDE HMA PATH WITH 1-FT HMA SHOULDERS. (1 / 1.3)
2. CONSTRUCT NEW CURB, GUTTER, AND SIDEWALK LANDING LEVEL WITH EXISTING AC TO PROVIDE ADA ACCESS AND ADD DETECTABLE WARNING STRIP.
3. CONSTRUCT CONC CUT RETAINING WALL.
4. PRESERVE AND PROTECT EXISTING CONC RETAINING WALL.
5. CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY. (1 / 1.5)
6. TRANSITION FROM HMA BIKE PATH TO 10-FT WIDE SIDEWALK.
7. CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK. (2 / 1.3)
8. CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING STRIP.
9. INSTALL LADDER TYPE CROSSWALK STRIPING.
10. INTEGRATE COLOR PAVING (1 / 1.4)
11. PROVIDE TRAIL IDENTITY ELEMENT (2 / 1.4)
12. INSTALL MURAL (2 / 1.5)
13. PROVIDE GATEWAY ELEMENT (1 / 1.6)
14. INSTALL INTERPRETIVE ELEMENT (2 / 1.6)
15. INSTALL WAYFINDING ELEMENT (2 / 1.6)

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

PRELIMINARY IMPROVEMENT PLANS

PLAN & PROFILE (16+00 TO 20+00)

ENVIRONMENTAL RESOURCE S2S MANAGEMENT

RDG
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2332 Fifth Street, Suite C
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www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
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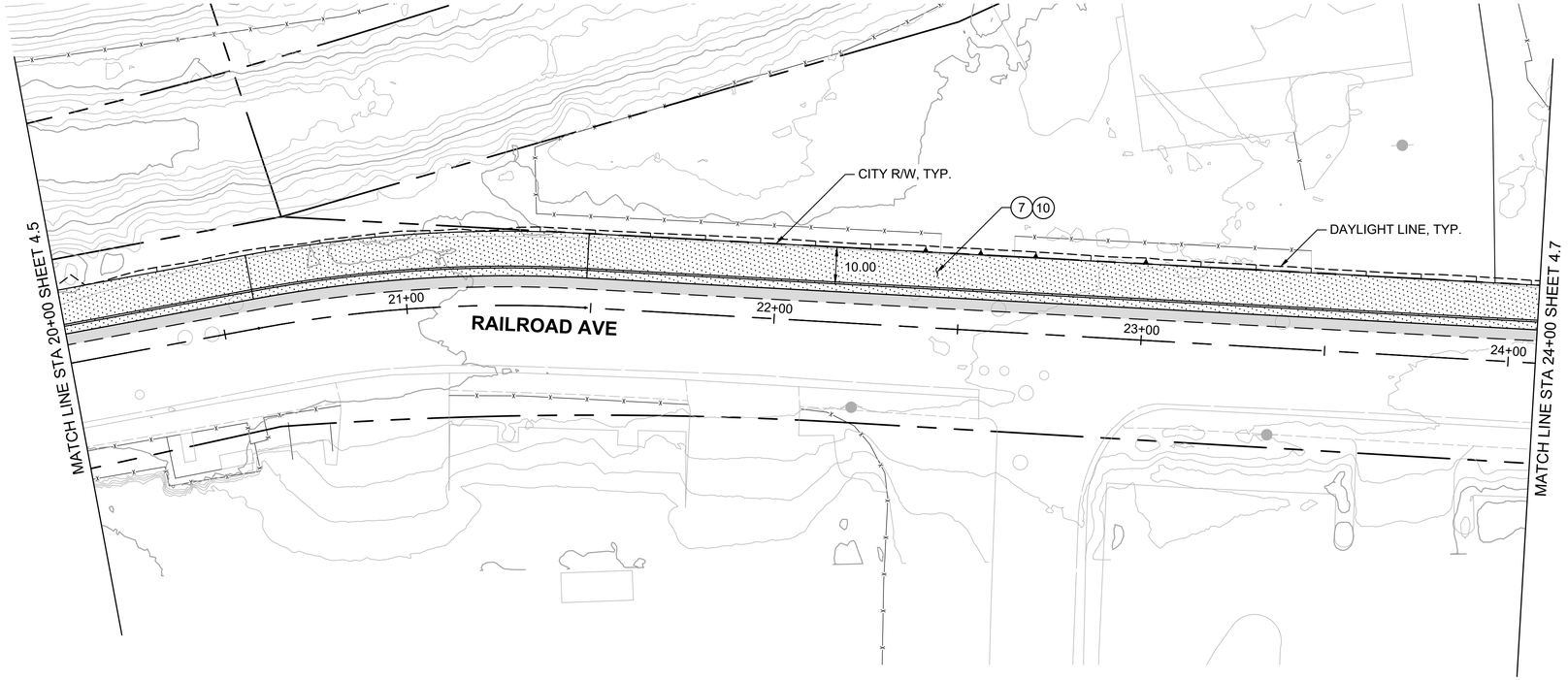
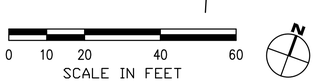
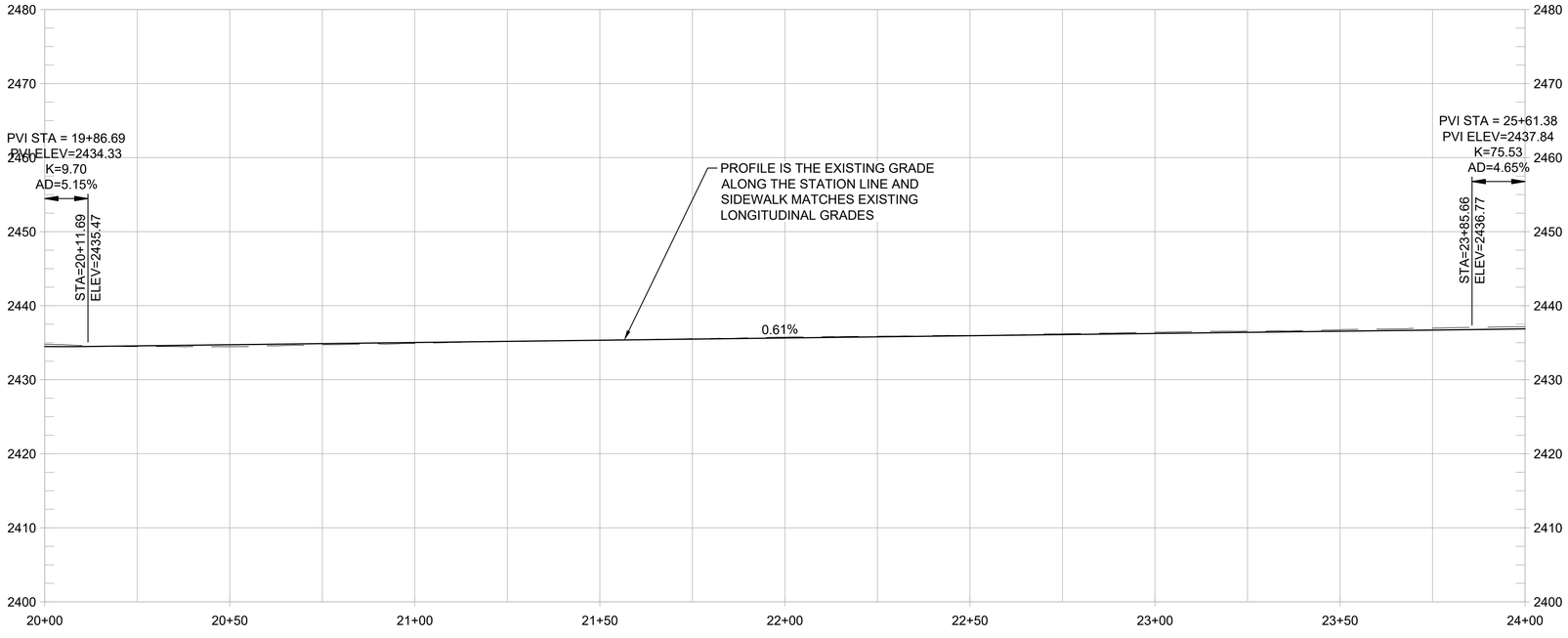
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	4.5
	OF 82



PLAN
1" = 20'





PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1	CONSTRUCT 8-FT WIDE HMA PATH WITH 1-FT HMA SHOULDERS.	1/1.3
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11	PROVIDE TRAIL IDENTITY ELEMENT	2/1.4
12	INSTALL MURAL	2/1.5
13	PROVIDE GATEWAY ELEMENT	1/1.6
14	INSTALL INTERPRETIVE ELEMENT	2/1.6
15	INSTALL WAYFINDING ELEMENT	2/1.6

REVISIONS

DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (20+00 TO 24+00)

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

RDG
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2332 Fifth Street, Suite C
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LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
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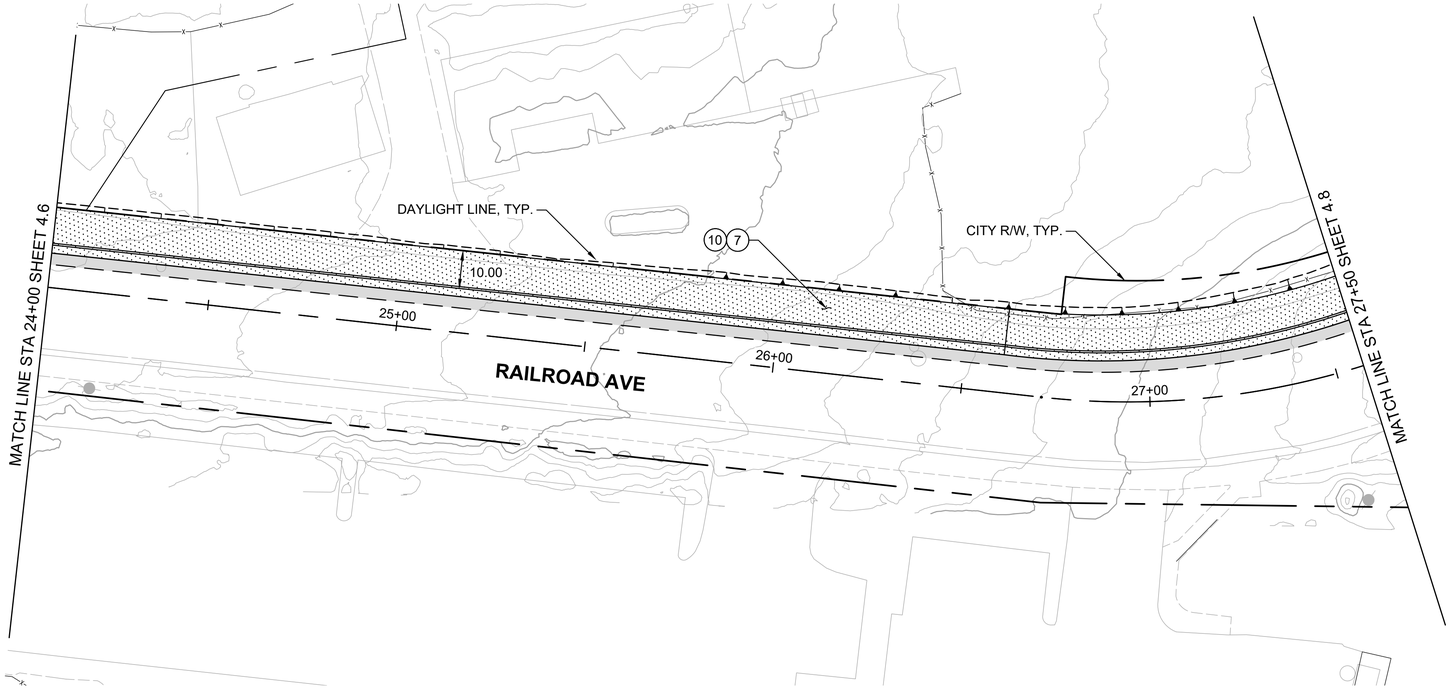
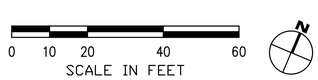
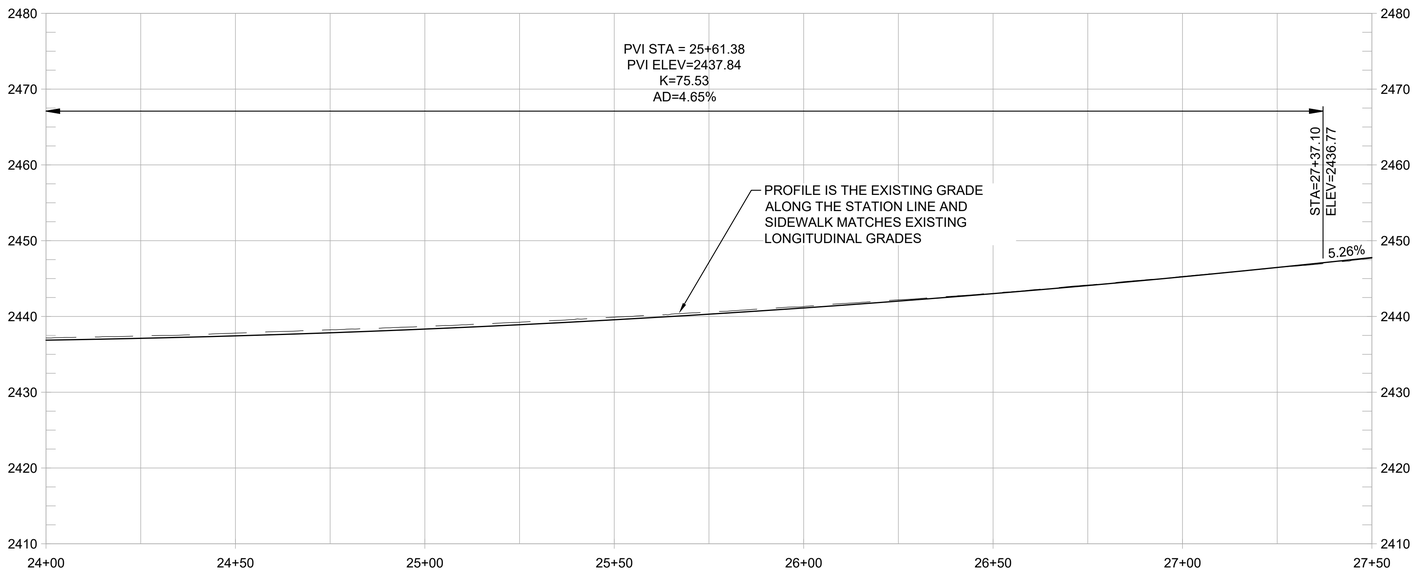
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	4.6
	OF 82



PLAN
1" = 20'





PROFILE
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1" = 10' VERT

SHEET GENERAL NOTES:

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11	PROVIDE TRAIL IDENTITY ELEMENT	2/1.4
12	INSTALL MURAL	2/1.5
13	PROVIDE GATEWAY ELEMENT	1/1.6
14	INSTALL INTERPRETIVE ELEMENT	2/1.6
15	INSTALL WAYFINDING ELEMENT	2/1.6

REVISIONS

DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

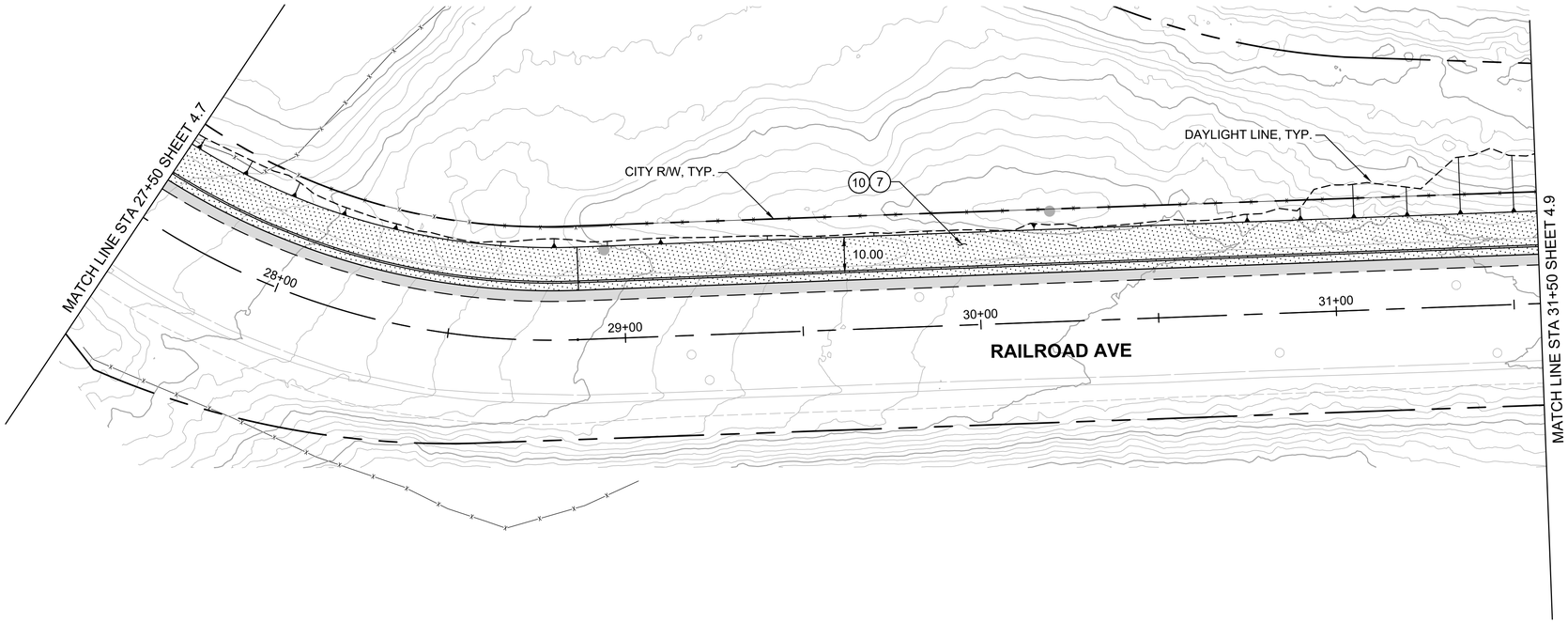
PRELIMINARY IMPROVEMENT PLANS

PLAN & PROFILE (24+00 TO 27+50)

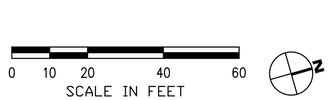
Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

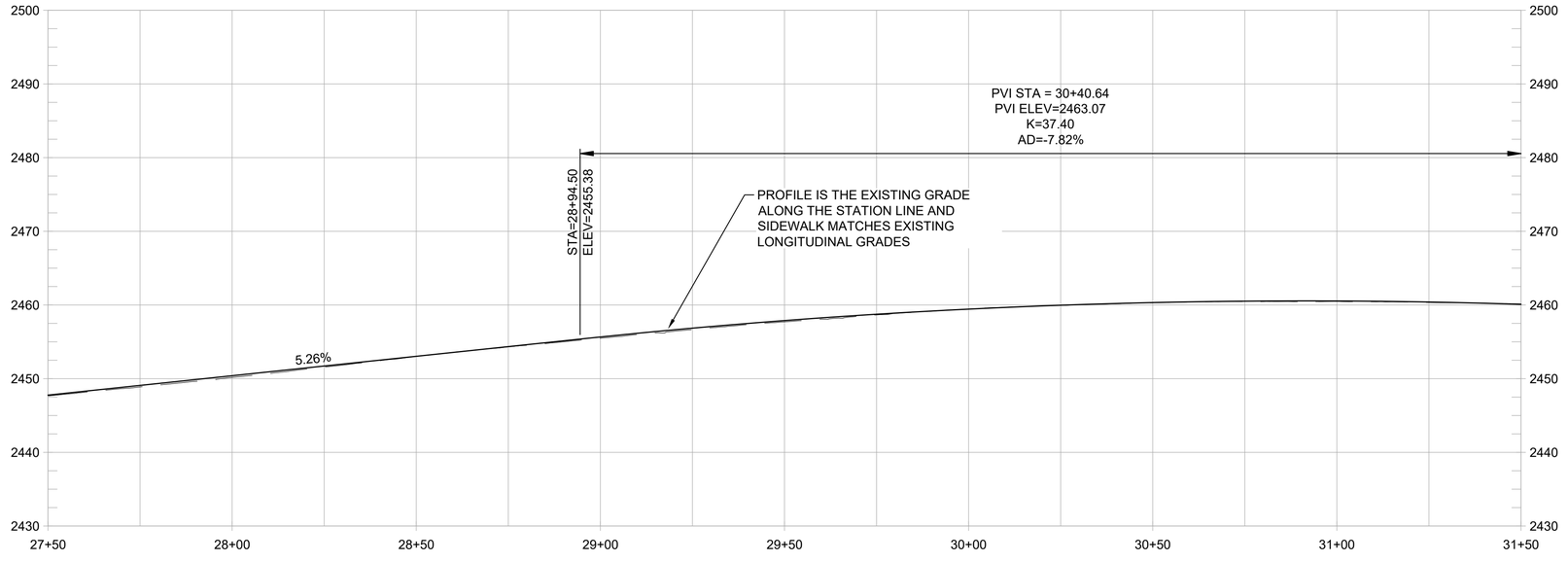
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	4.7
	OF 82



PLAN
1" = 20'





PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1	CONSTRUCT 8-FT WIDE HMA PATH WITH 1-FT HMA SHOULDERS.	1/1.3
2	CONSTRUCT NEW CURB, GUTTER, AND SIDEWALK LANDING LEVEL WITH EXISTING AC TO PROVIDE ADA ACCESS AND ADD DETECTABLE WARNING STRIP.	
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12	INSTALL MURAL	2/1.5
13	PROVIDE GATEWAY ELEMENT	1/1.6
14	INSTALL INTERPRETIVE ELEMENT	2/1.6
15	INSTALL WAYFINDING ELEMENT	2/1.6

REVISIONS

DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

PRELIMINARY IMPROVEMENT PLANS

PLAN & PROFILE (27+50 TO 31+50)

S2S ENVIRONMENTAL RESOURCE MANAGEMENT

RDG
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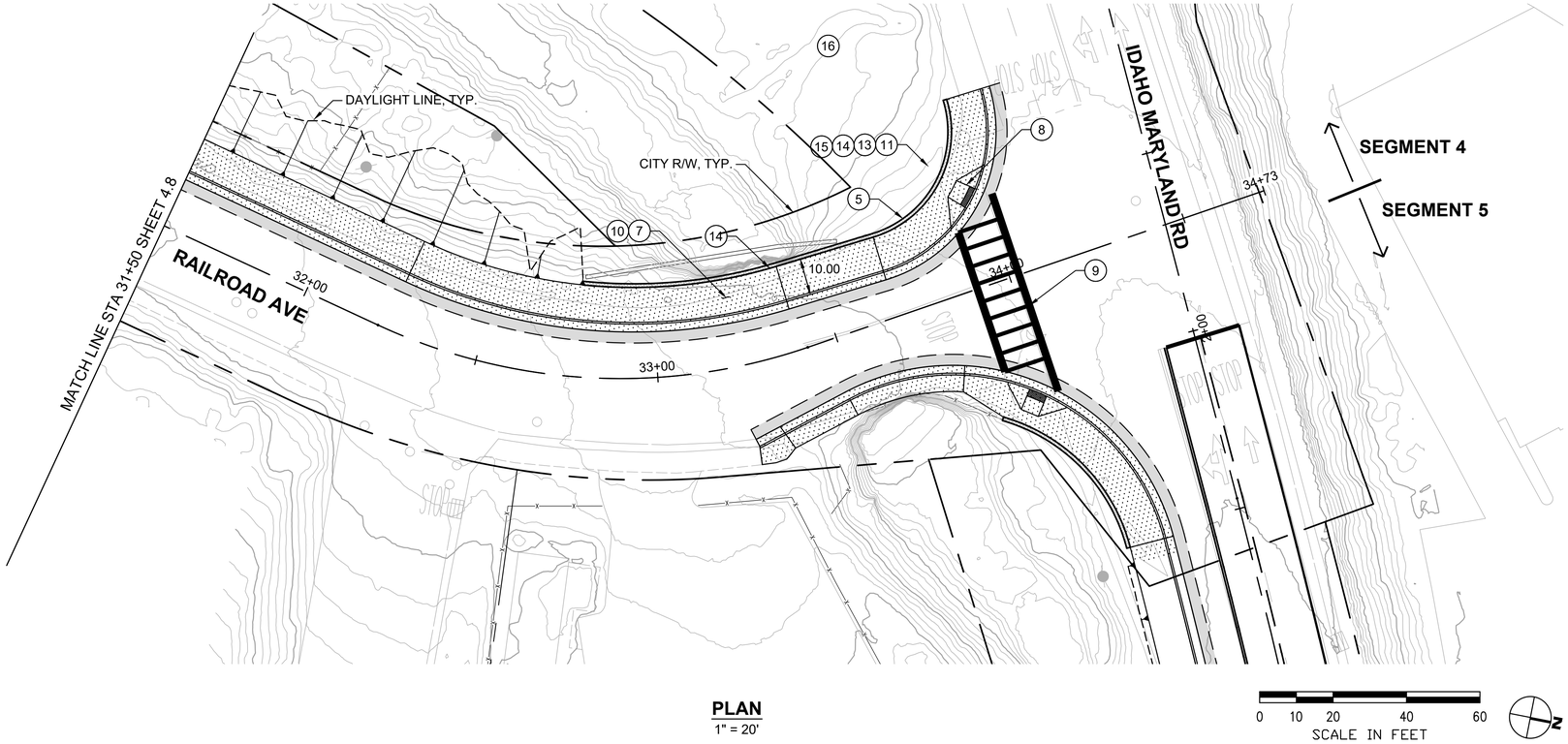
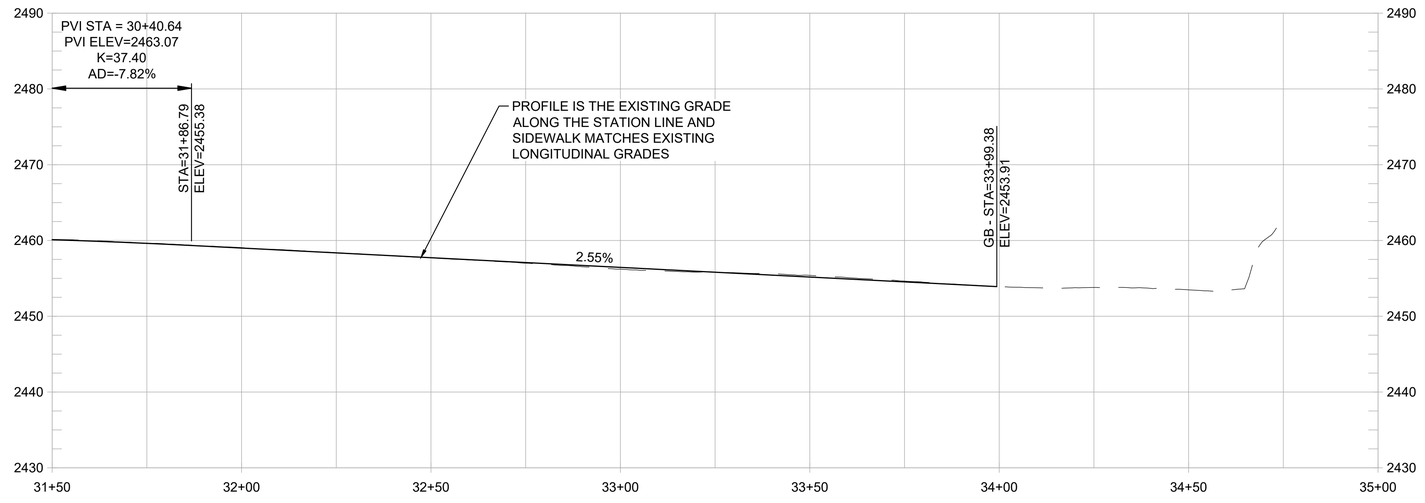
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	4.8
	OF 82



PLAN
1" = 20'



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1. CONSTRUCT 8-FT WIDE HMA PATH WITH 1-FT HMA SHOULDERS. (1/1.3)
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4. PRESERVE AND PROTECT EXISTING CONC RETAINING WALL.
5. CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY. (1/1.5)
6. TRANSITION FROM HMA BIKE PATH TO 10-FT WIDE SIDEWALK.
7. CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK. (2/1.3)
8. CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING STRIP.
9. INSTALL LADDER TYPE CROSSWALK STRIPING.
10. INTEGRATE COLOR PAVING (1/1.4)
11. PROVIDE TRAIL IDENTITY ELEMENT (2/1.4)
12. INSTALL MURAL (2/1.5)
13. PROVIDE GATEWAY ELEMENT (1/1.6)
14. INSTALL INTERPRETIVE ELEMENT (2/1.6)
15. INSTALL WAYFINDING ELEMENT (2/1.6)
16. CREATE A POCKET PARK CONNECTED TO WOLF CREEK TRAIL. DESIGN TO BE DETERMINED.

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (31+50 TO 34+72)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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LICENSED PROFESSIONAL ENGINEER
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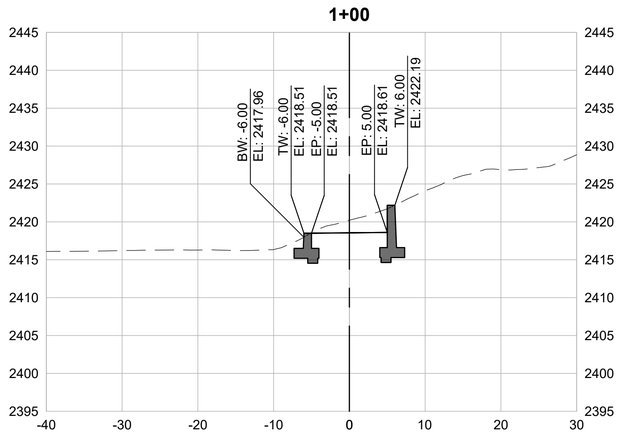
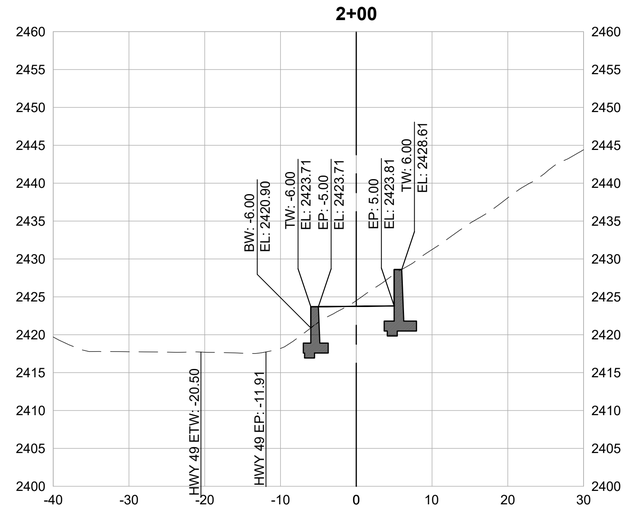
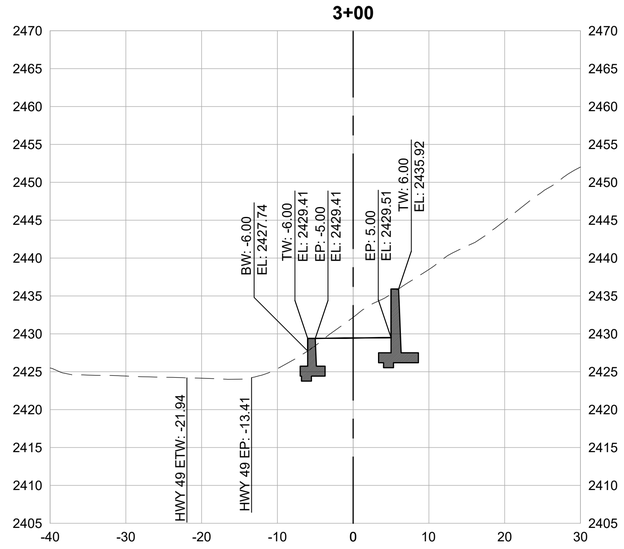
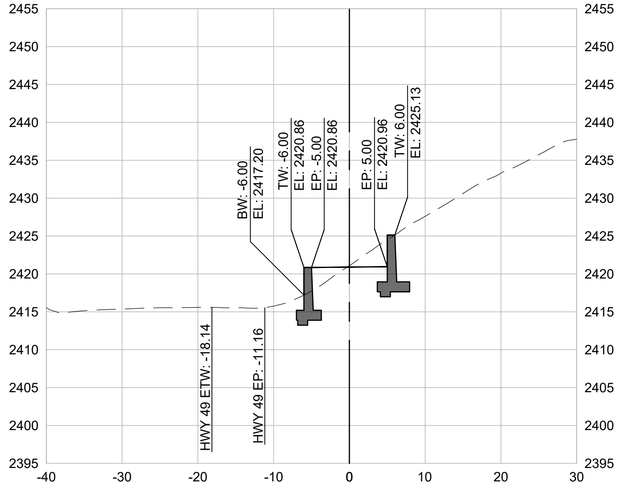
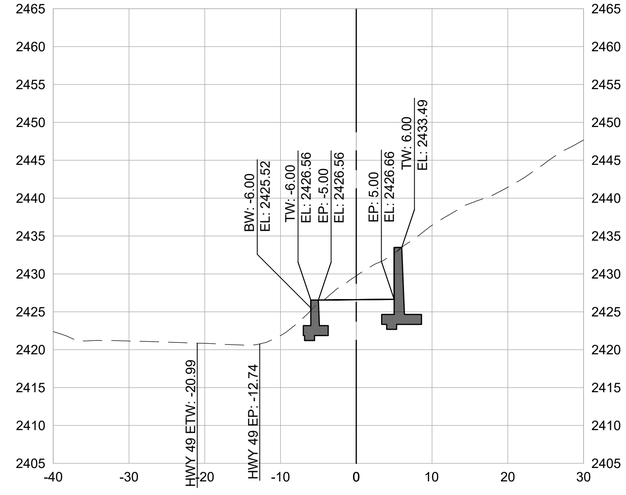
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	4.9
	OF 82

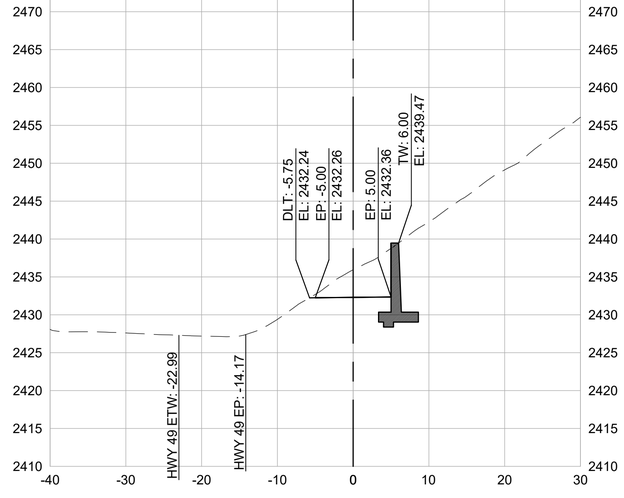












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

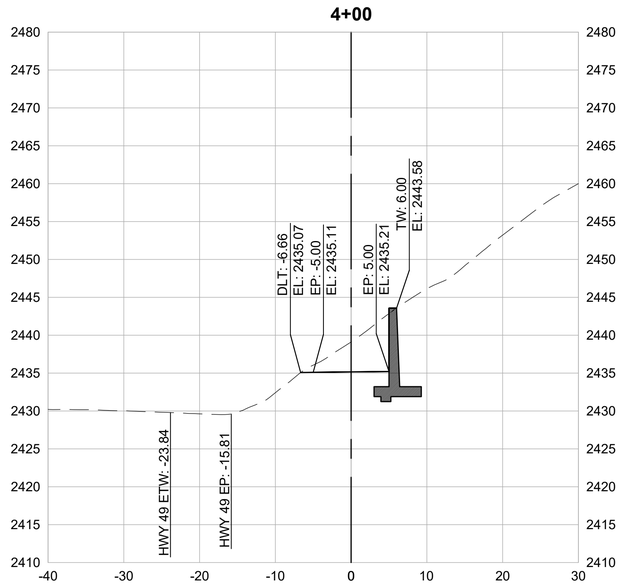
WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD
PRELIMINARY IMPROVEMENT PLANS

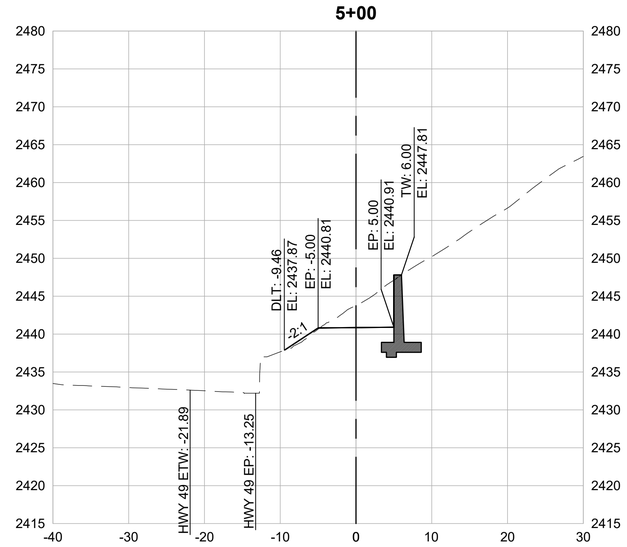
CROSS SECTION (1+00 TO 3+50)

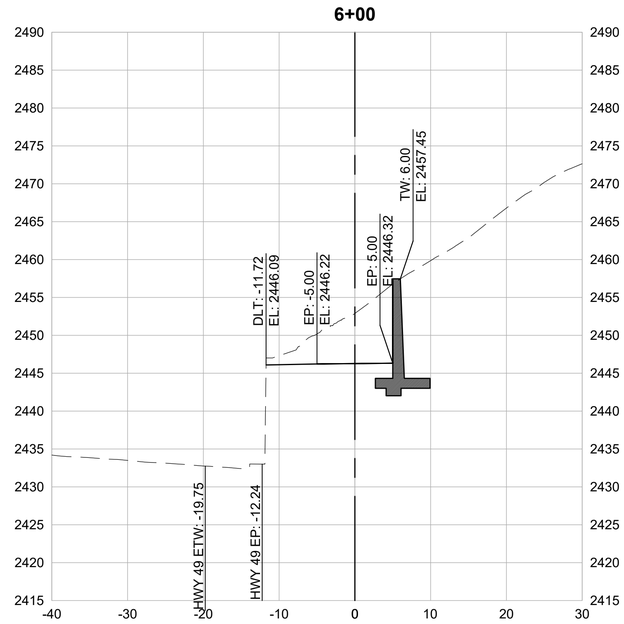
Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

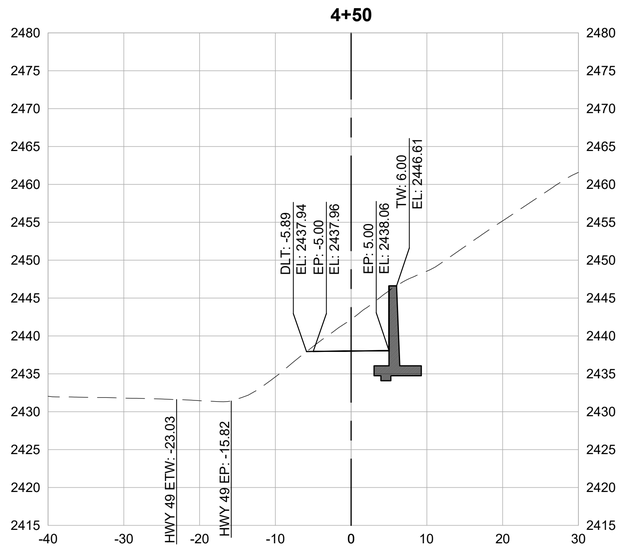
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

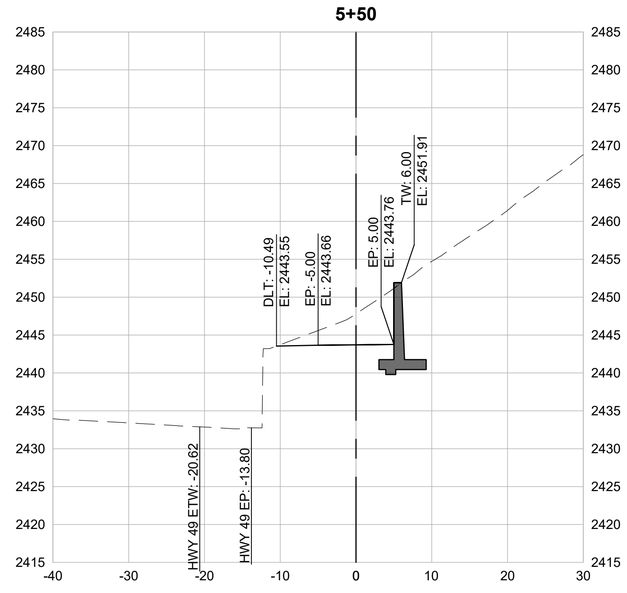
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	4.11
	OF 82

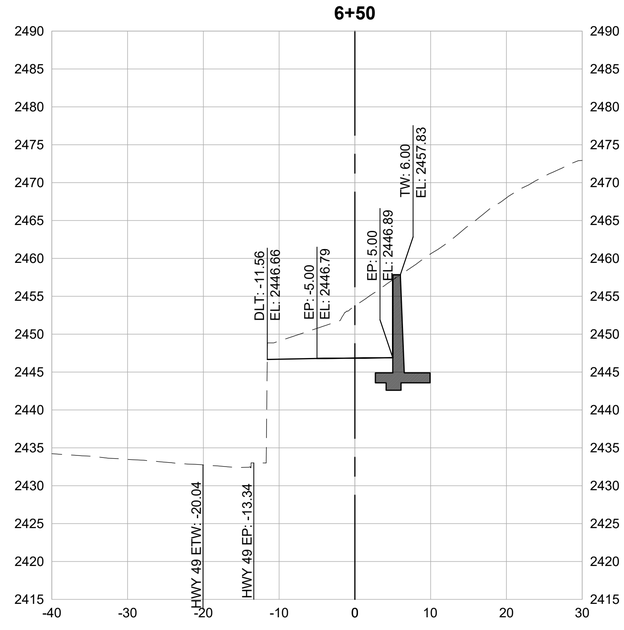












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

PRELIMINARY IMPROVEMENT PLANS

CROSS SECTION (1+00 TO 3+50)

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LICENSED PROFESSIONAL ENGINEER
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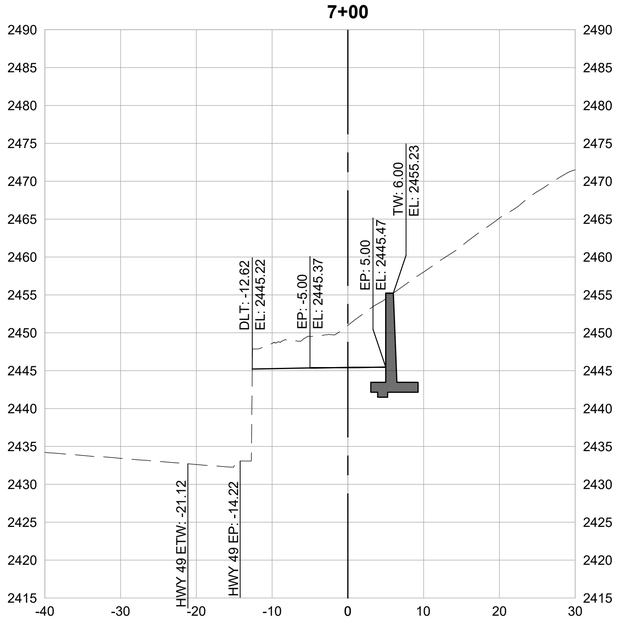
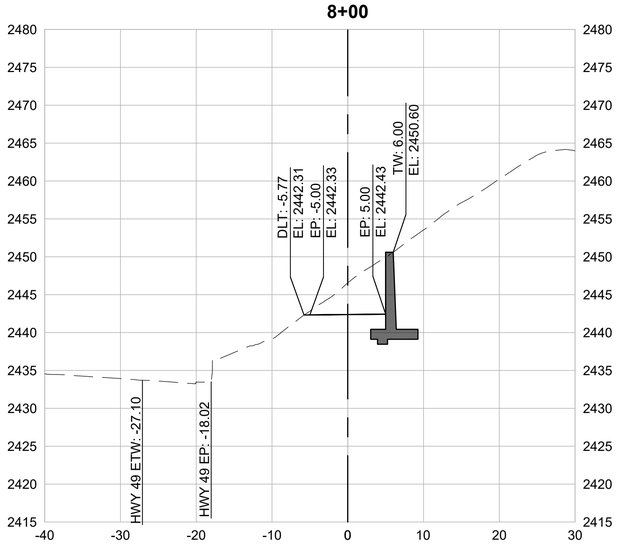
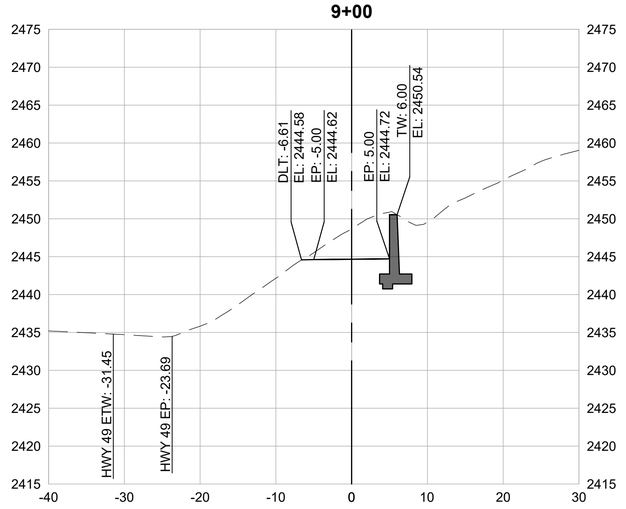
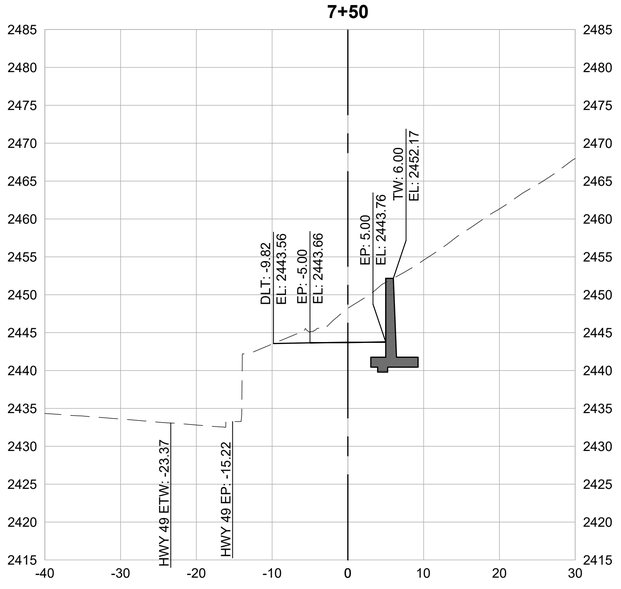
CIVIL
STATE OF CALIFORNIA

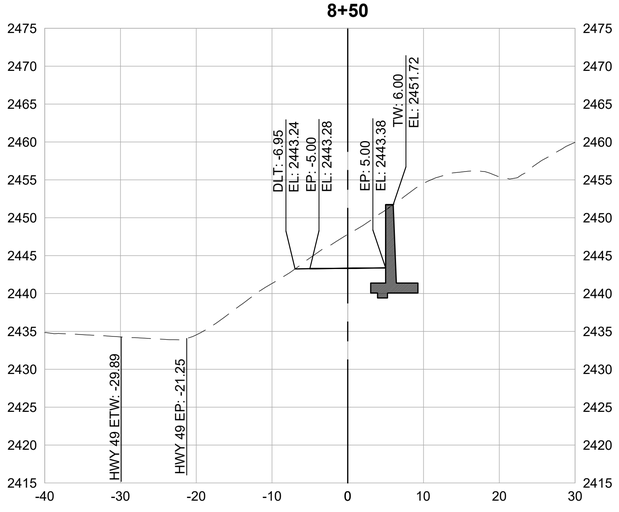
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	4.11
	OF 82

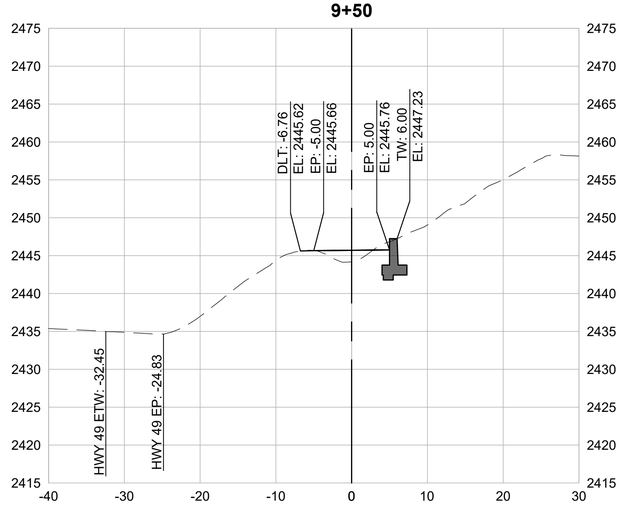












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

PRELIMINARY IMPROVEMENT PLANS

CROSS SECTION (7+00 TO 9+50)

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LICENSED PROFESSIONAL ENGINEER
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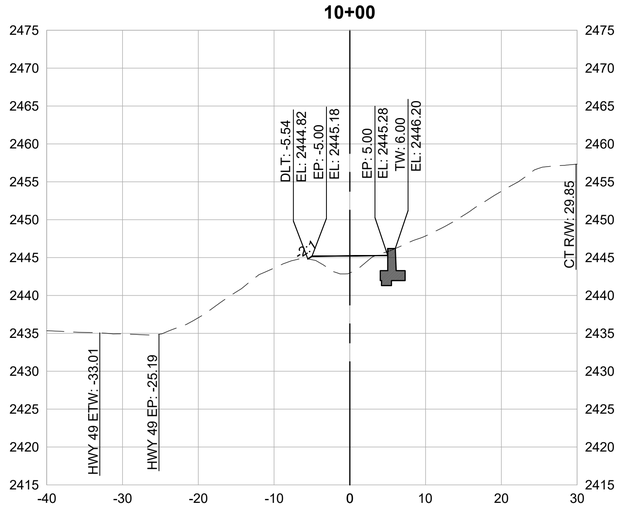
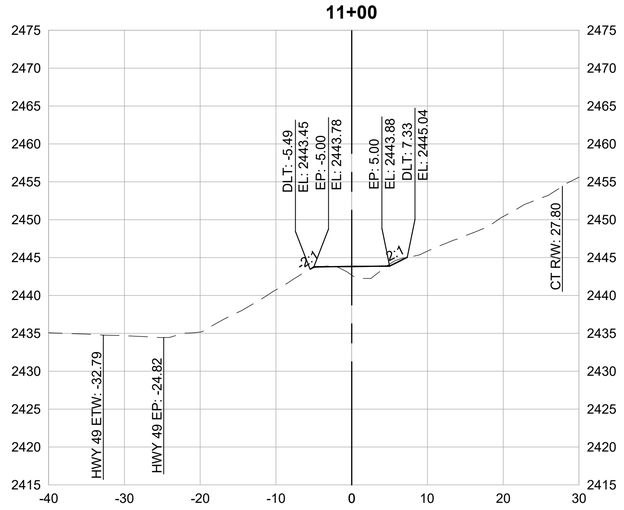
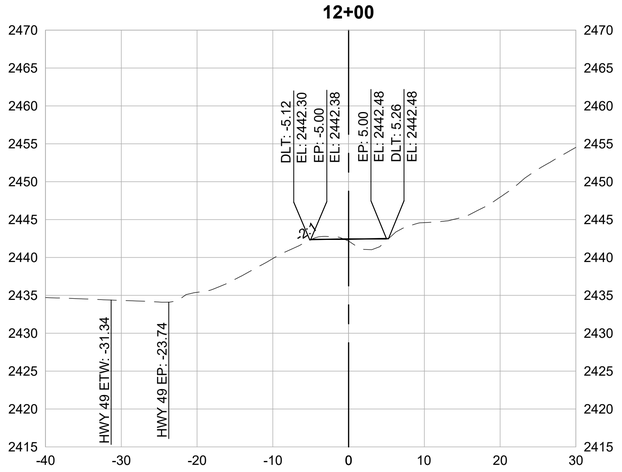
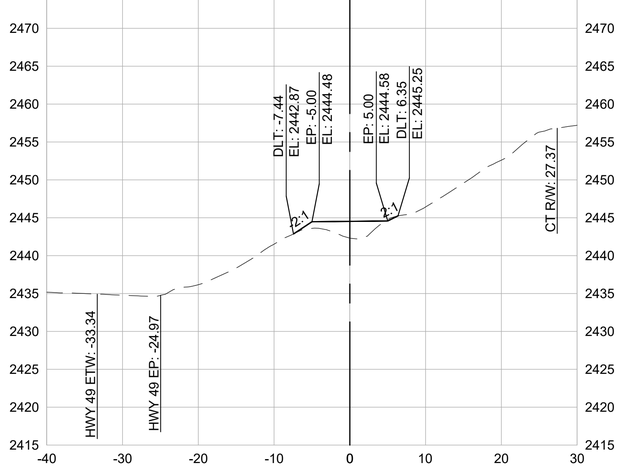
CIVIL
STATE OF CALIFORNIA

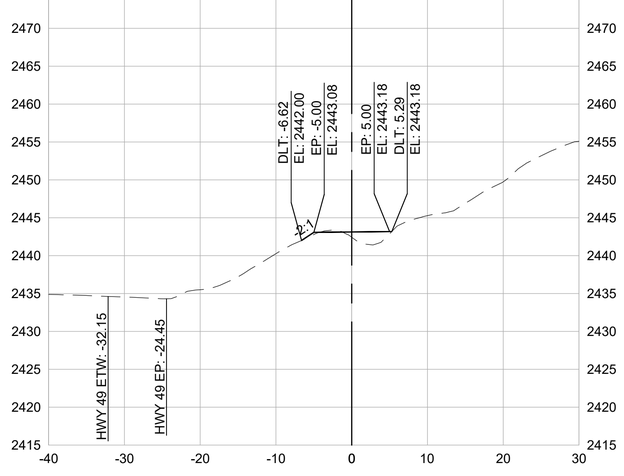
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	4.13
	OF 82

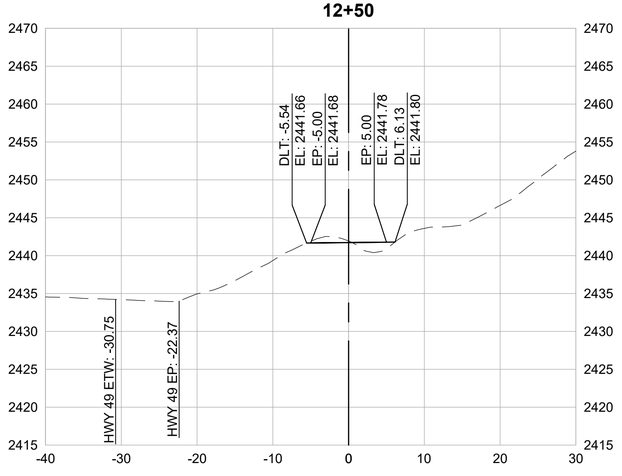












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

PRELIMINARY IMPROVEMENT PLANS

CROSS SECTION (7+00 TO 9+50)

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STATE OF CALIFORNIA

DESIGN BY	MT, ES
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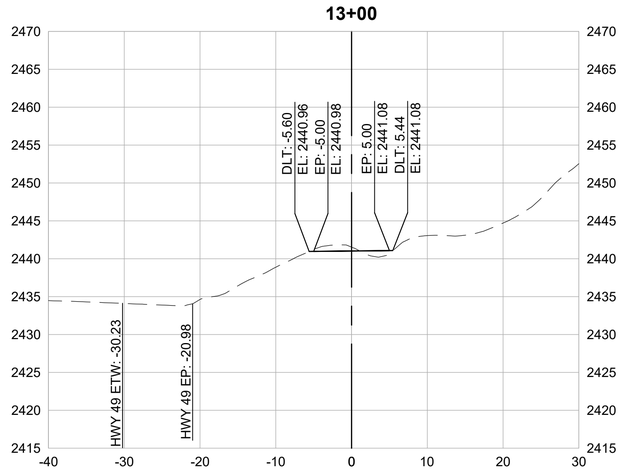
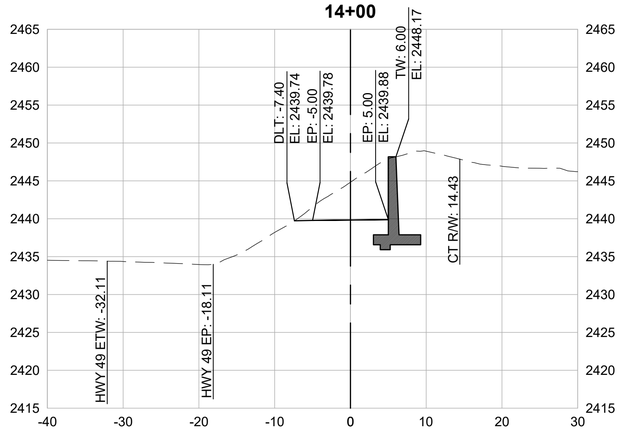
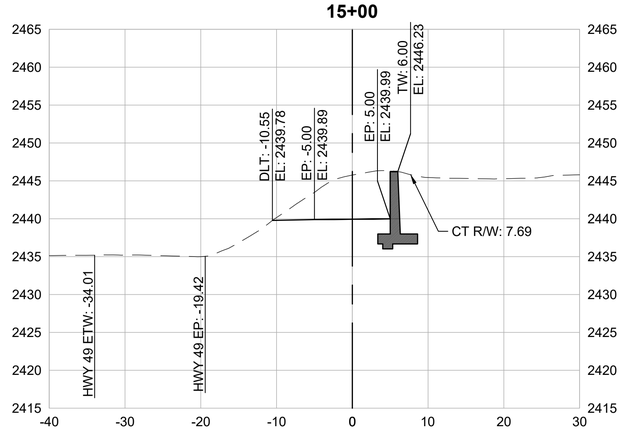
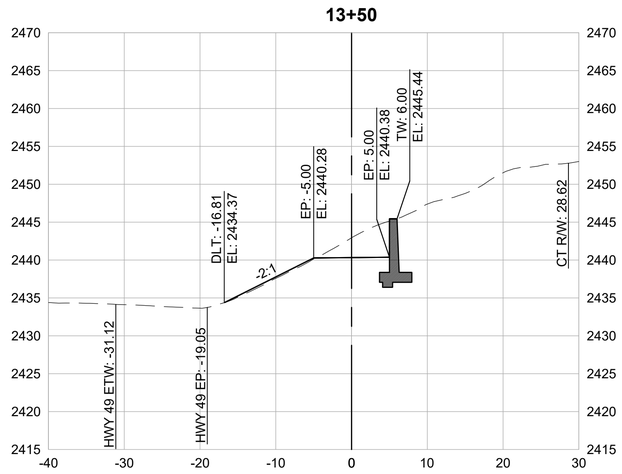
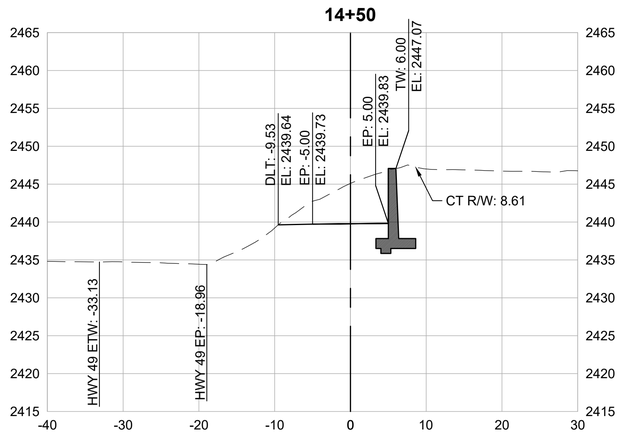
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	4.13
	OF 82

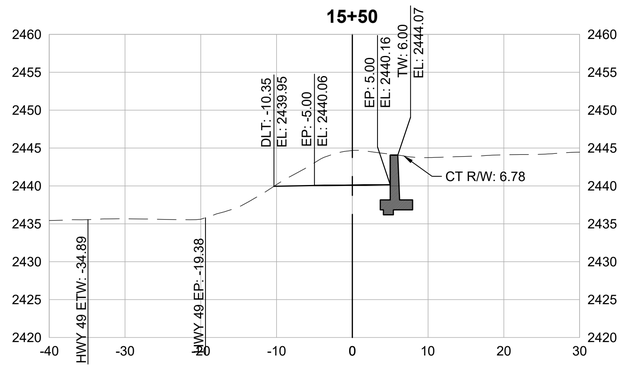












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (10+00 TO 12+50)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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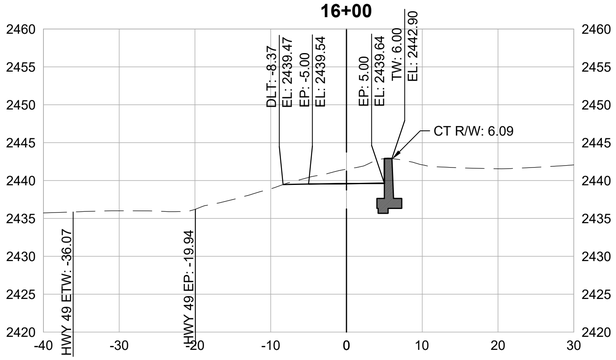
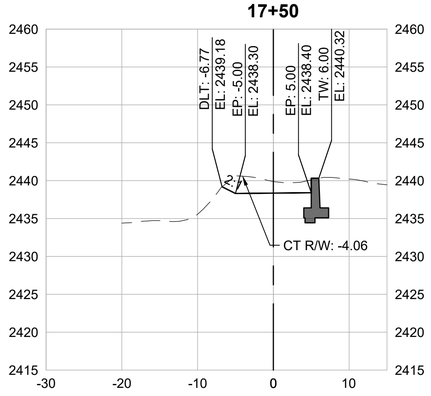
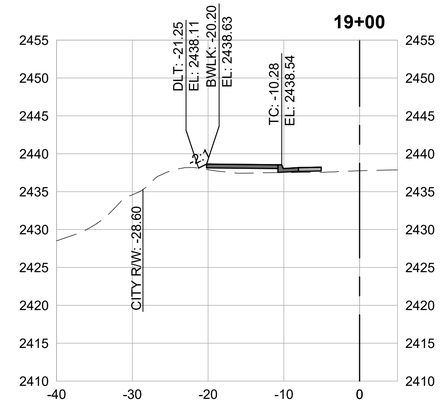
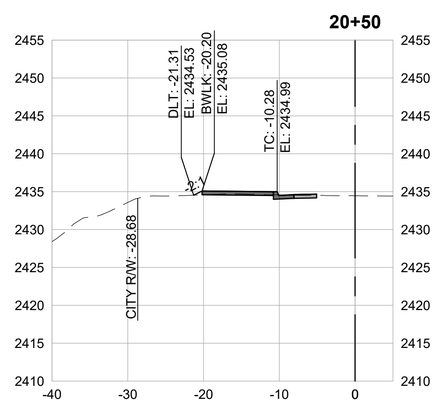
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

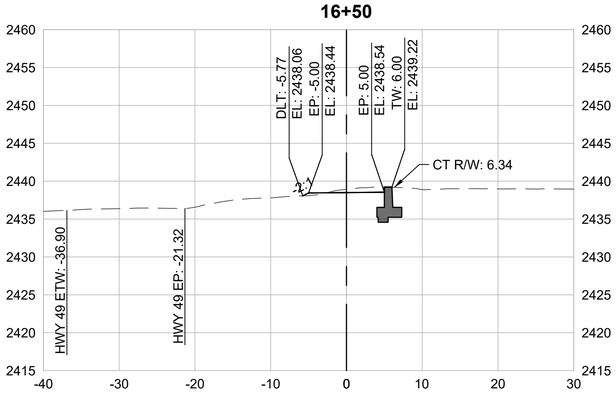
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	4.14
	OF 82

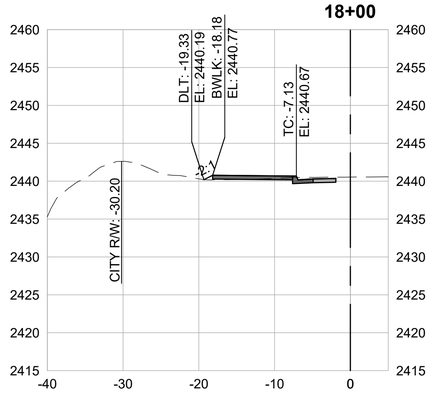


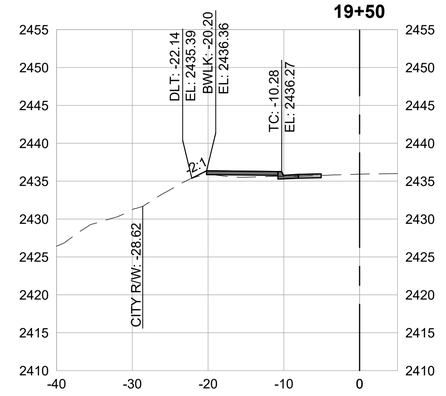


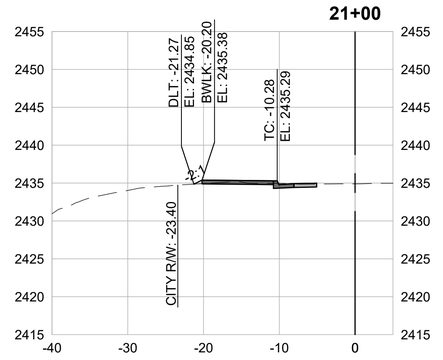


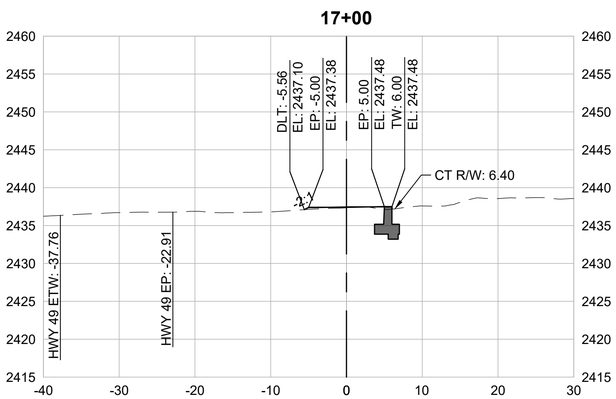


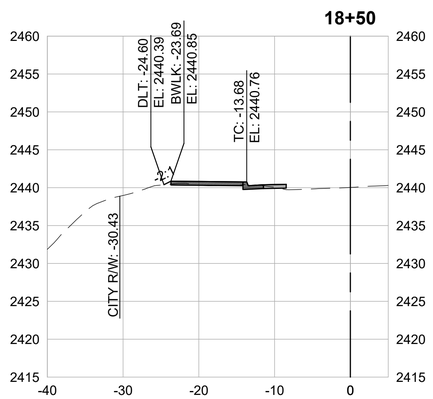


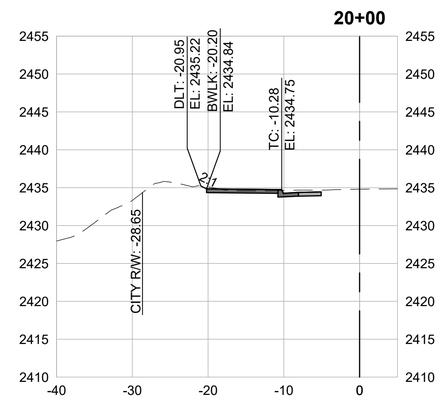


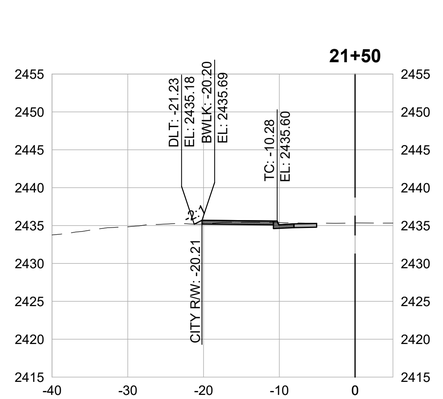












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

PRELIMINARY IMPROVEMENT PLANS

CROSS SECTION (16+00 TO 21+50)

ENVIRONMENTAL RESOURCE S2S MANAGEMENT

RDG
Restoration Design Group, Inc.
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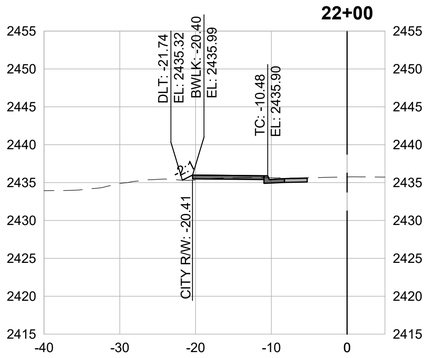
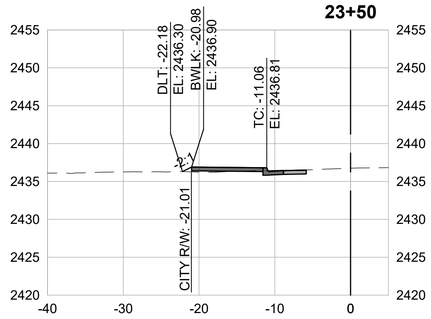
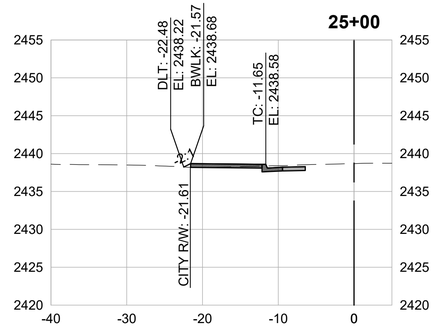
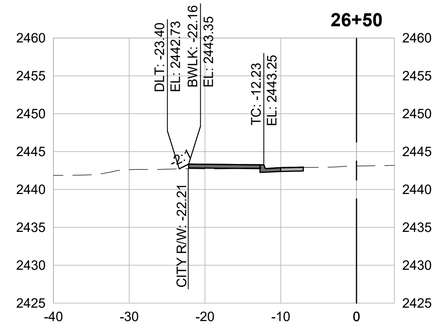
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

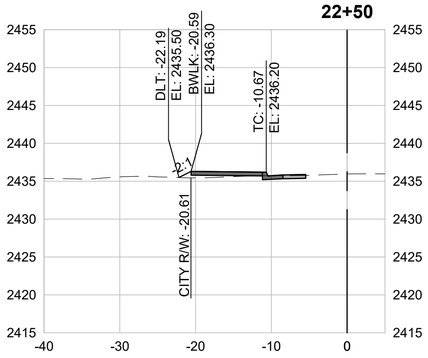
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	4.16
	OF 82

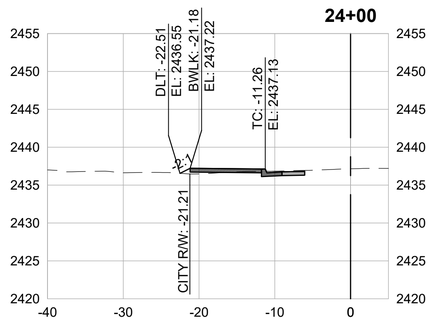


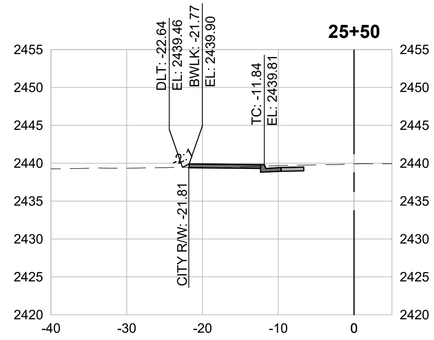


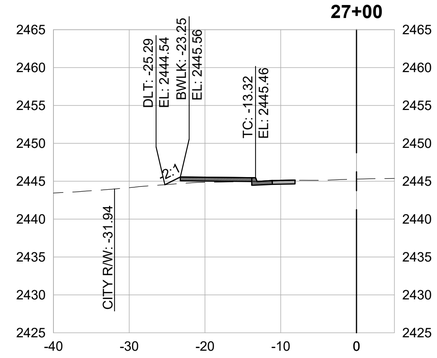


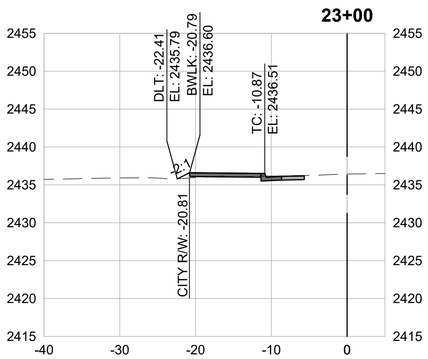


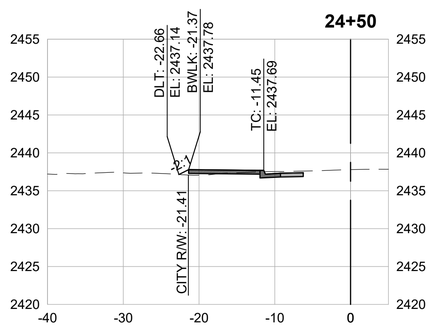


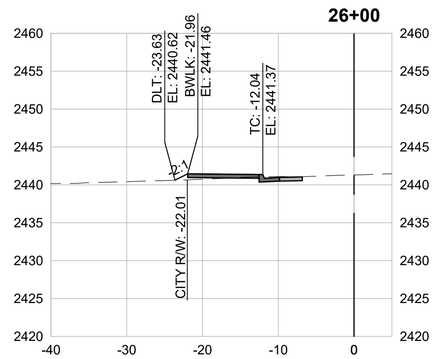


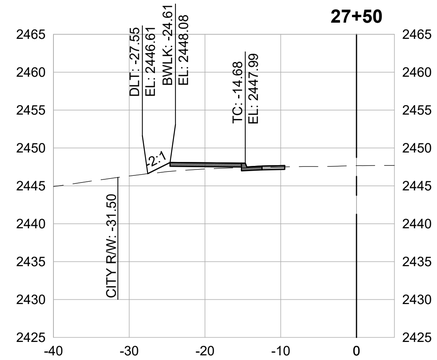












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

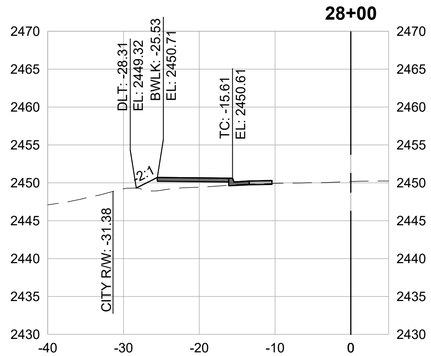
WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

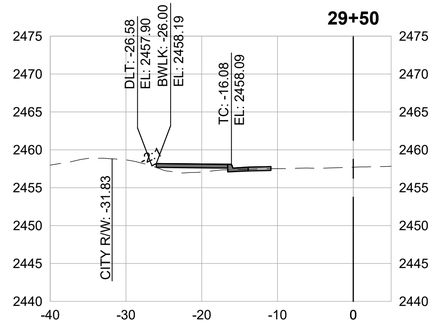
PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (22+00 TO 27+50)

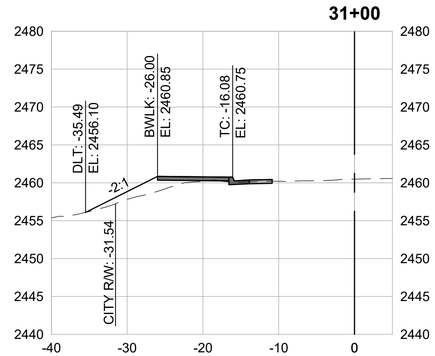
Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

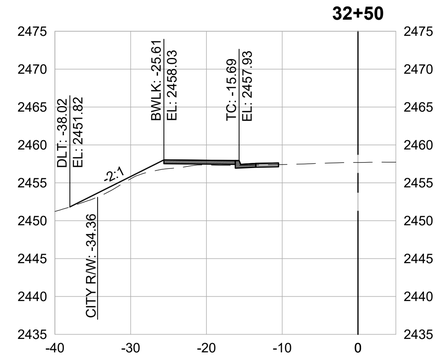
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

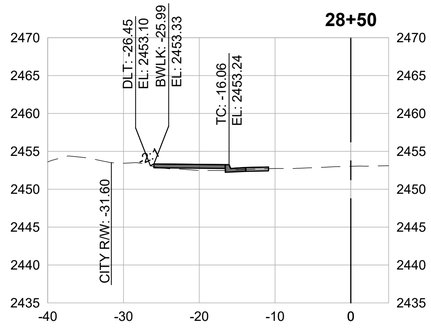
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	4.17
	OF 82

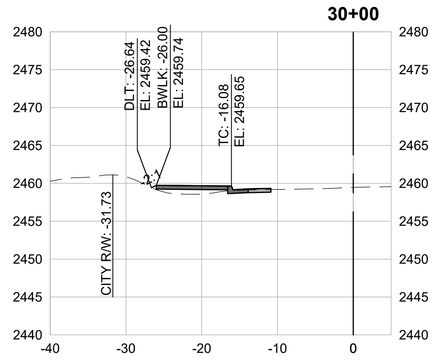


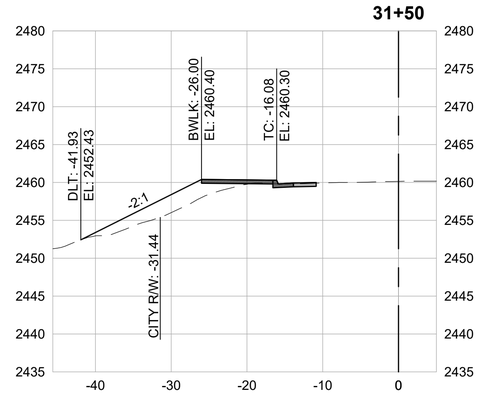


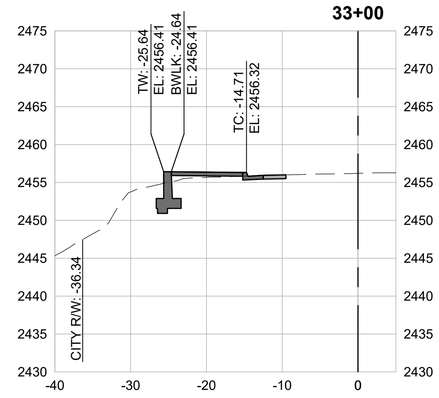


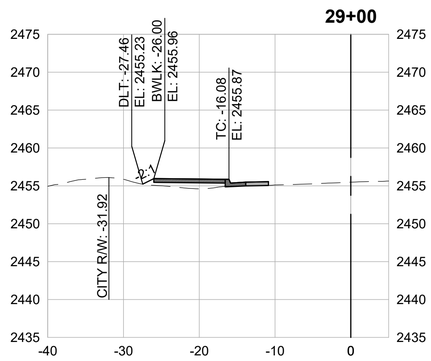


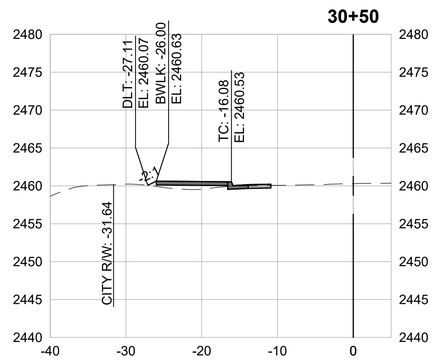


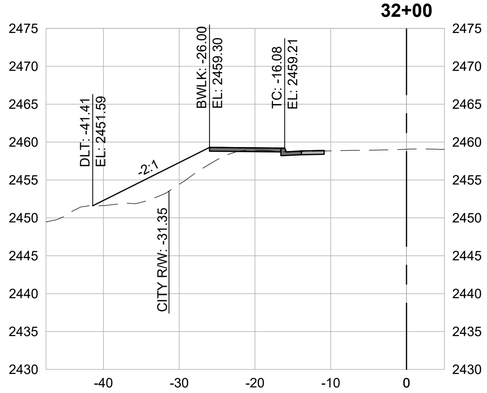


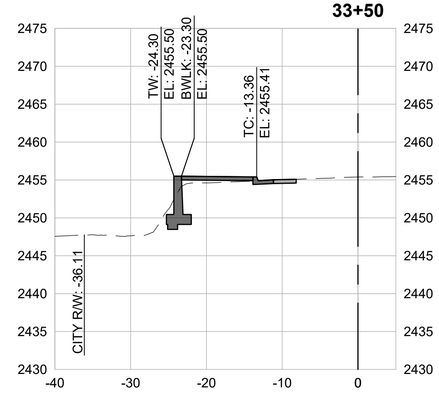












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 4 - EAST BENNETT ST TO IDAHO MARYLAND RD

PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (28+00 TO 33+50)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	4.18
	OF 82

SEGMENT 5

LIMITS: IDAHO MARYLAND RD FROM RAILROAD AVE TO CENTENNIAL DR

811
CALL BEFORE YOU DIG
UNDERGROUND SERVICE ALERT

2 WORKING DAYS
BEFORE YOU DIG CALL USA
TOLL FREE 811

REVISIONS	
DATE	DESCRIPTION
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WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - IDAHO MARYLAND RD

PRELIMINARY IMPROVEMENT PLANS

BEGIN SEGMENT 5

Restoration Design Group, Inc.
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DESIGN BY	MT, ES
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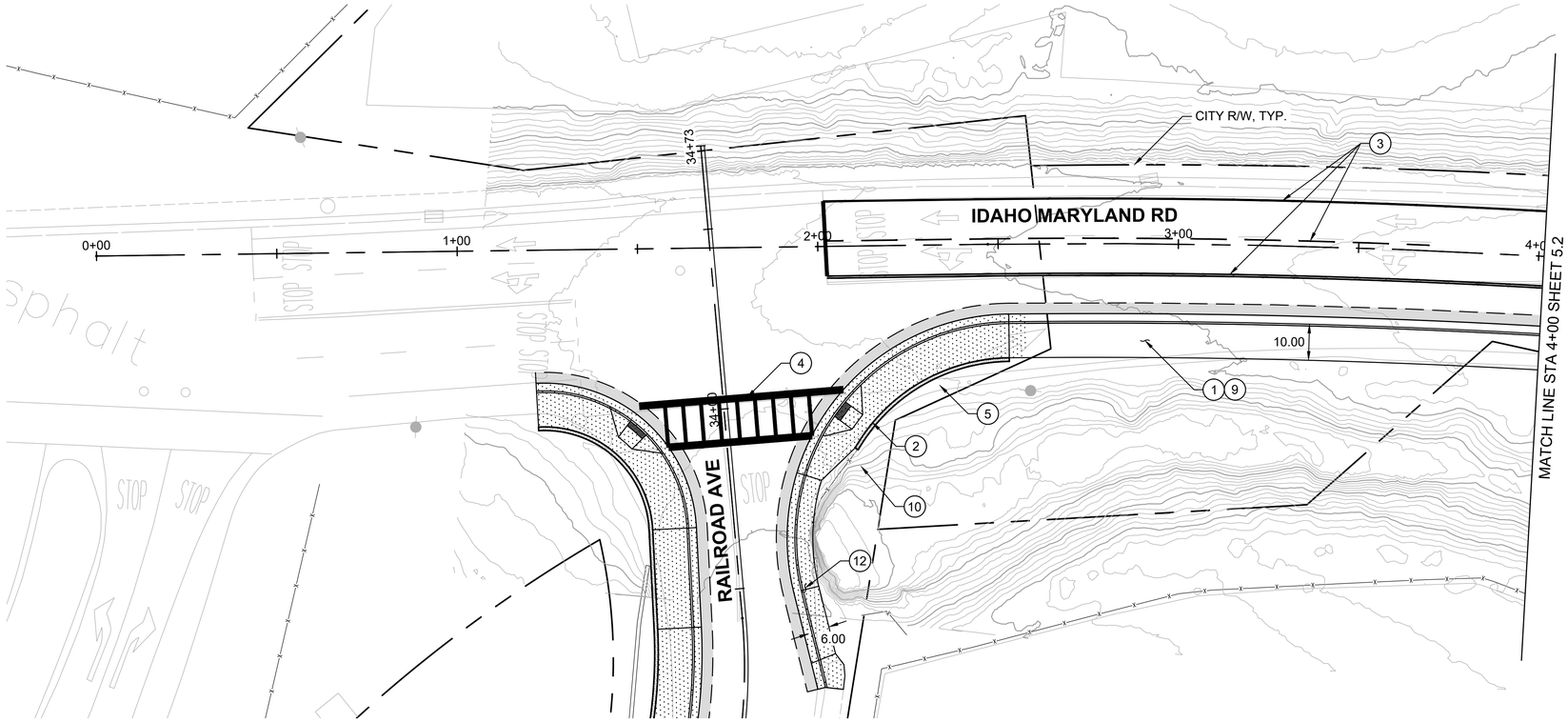
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	5.0
	OF 82

C:\USERS\H2OTH\RESTORATION DESIGN GROUP\PROJECTS - DOCUMENTS\WOLF CREEK TRAIL\04 AUTOCAD\WORKING DRAWINGS\SHEETS\SEGMENT 5\SEG-5-WLF-BEG.DWG PLOTTED ON: 3/15/2023

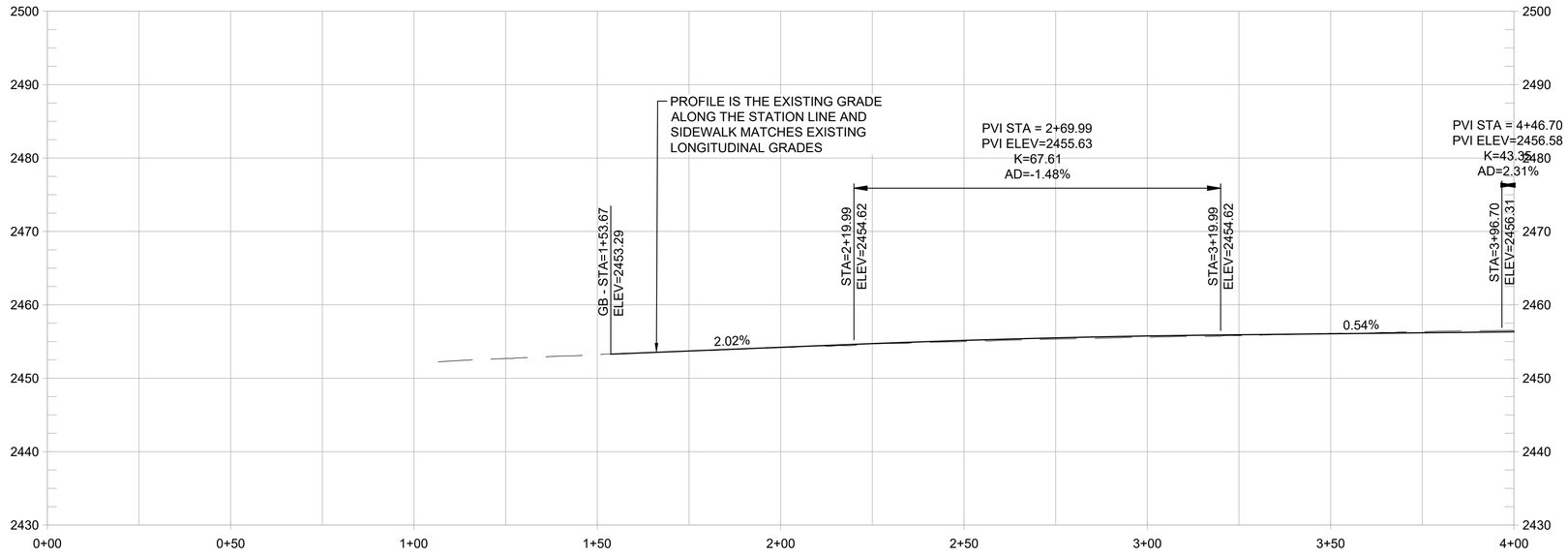


SEGMENT 4 | **SEGMENT 5**

PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET

N



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1. CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK. (3/1.3)
2. CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING SURFACE.
3. REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP (3/1.3)
4. INSTALL LADDER TYPE CROSSWALK STRIPING.
5. CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY. (1/1.5)
6. TRANSITION BACK OF SIDEWALK TO MEET EXISTING BACK OF SIDEWALK. PRESERVE AND PROTECT EXISTING SIDEWALK.
7. REMOVE EXISTING CURB AND GUTTER. CONSTRUCT NEW CONC SIDEWALK BETWEEN REMAINING SIDEWALK AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING SIDEWALK.
8. NARROW SIDEWALK TO FIT BETWEEN EXISTING BUILDING AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING BUILDING.
9. INTEGRATE COLOR PAVING. (1/1.4)
10. PROVIDE TRAIL IDENTITY ELEMENT. (2/1.4)
11. INSTALL INTERPRETIVE ELEMENT. (2/1.6)
12. CONSTRUCT NEW CONC CURB, GUTTER, AND 6-FT SIDEWALK.

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - RAILROAD AVE TO CENTENNIAL DR

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (0+00 TO 4+00)

ENVIRONMENTAL RESOURCE MANAGEMENT · S2S

RDG
Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
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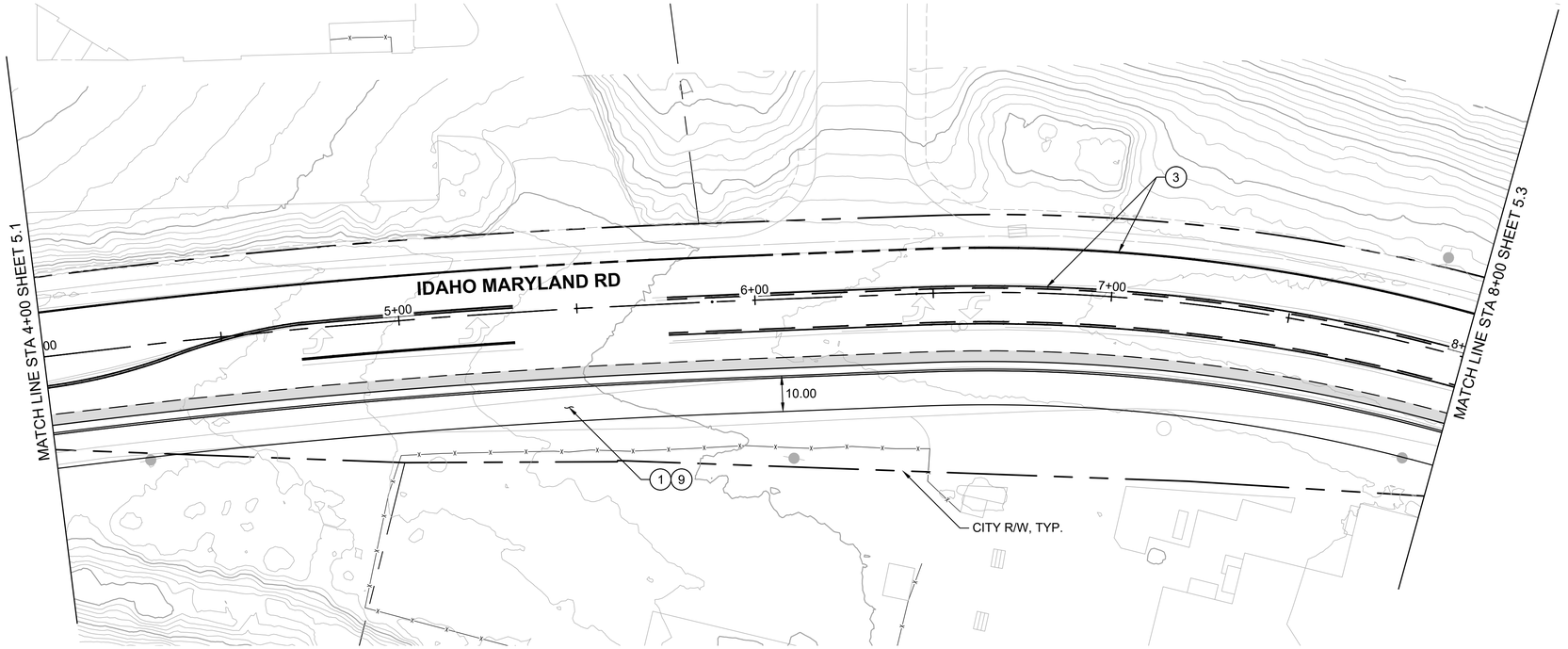
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	5.1
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET

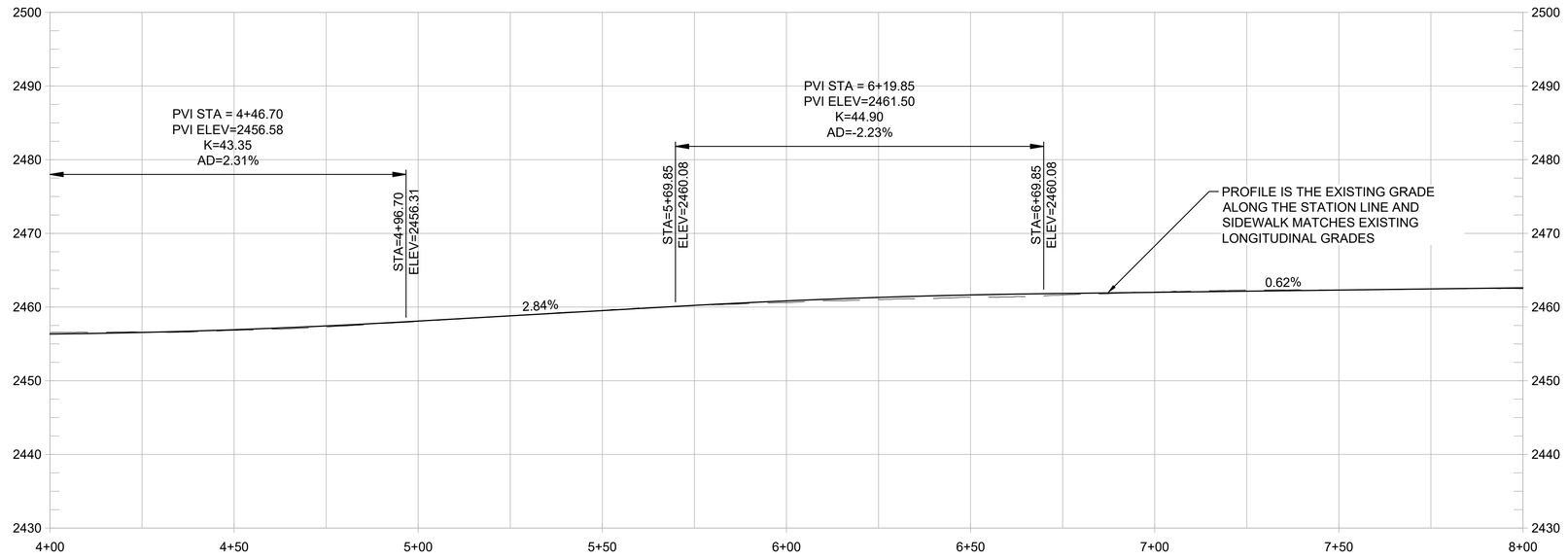
N

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1	CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK.	3/1.3
2	CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING SURFACE.	
3	REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP	3/1.3
4	INSTALL LADDER TYPE CROSSWALK STRIPING.	
5	CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY.	1/1.5
6	TRANSITION BACK OF SIDEWALK TO MEET EXISTING BACK OF SIDEWALK. PRESERVE AND PROTECT EXISTING SIDEWALK.	
7	REMOVE EXISTING CURB AND GUTTER. CONSTRUCT NEW CONC SIDEWALK BETWEEN REMAINING SIDEWALK AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING SIDEWALK.	
8	NARROW SIDEWALK TO FIT BETWEEN EXISTING BUILDING AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING BUILDING.	
9	INTEGRATE COLOR PAVING.	1/1.4
10	PROVIDE TRAIL IDENTITY ELEMENT.	2/1.4
11	INSTALL INTERPRETIVE ELEMENT.	2/1.6



PROFILE
1" = 20' HORIZ
1" = 10' VERT

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - RAILROAD AVE TO CENTENNIAL DR

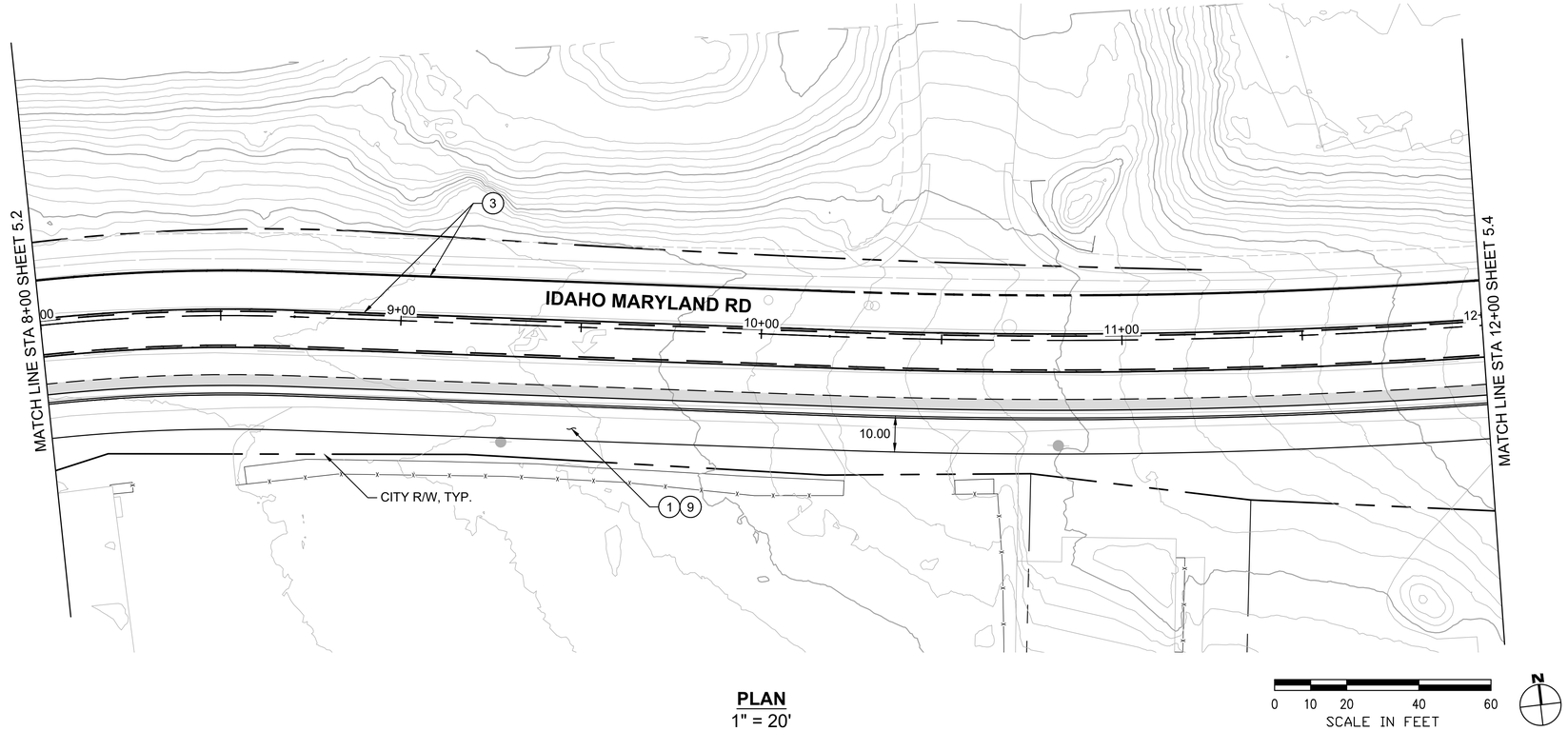
PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (4+00 TO 8+00)

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

RDG
Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	5.2
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET

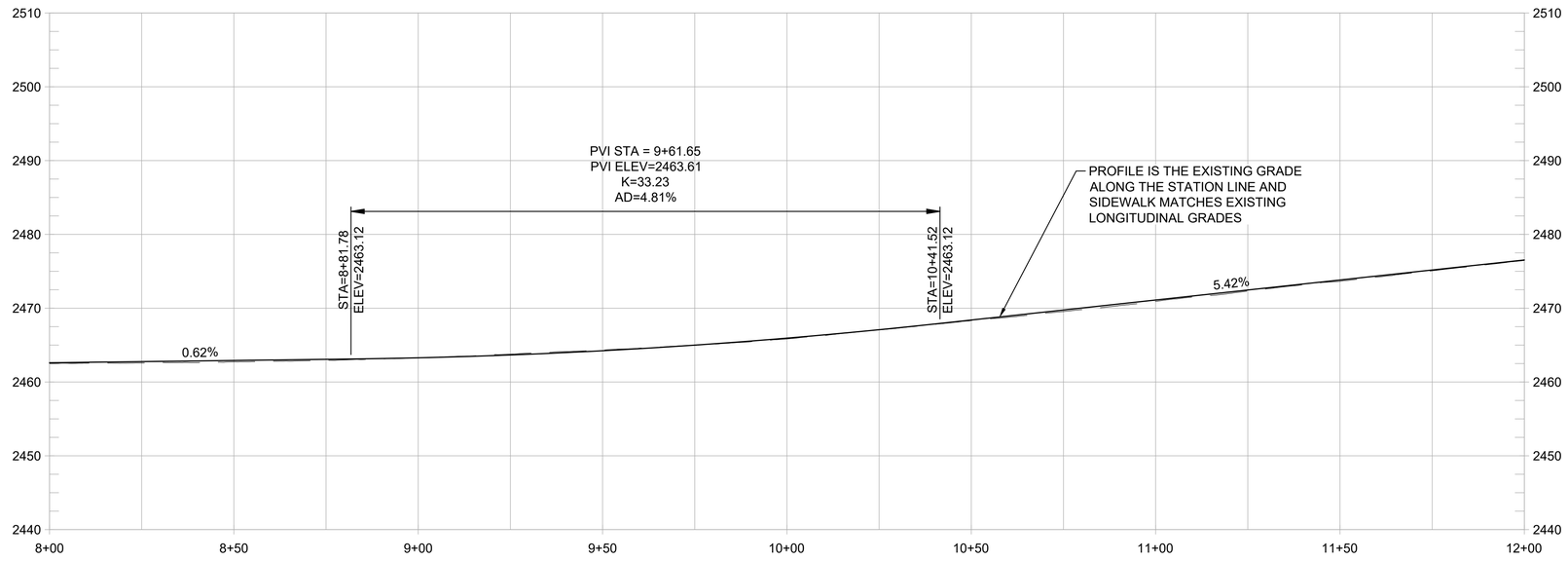
N

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1	CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK.	3 / 1.3
2	CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING SURFACE.	
3	REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP	3 / 1.3
4	INSTALL LADDER TYPE CROSSWALK STRIPING.	
5	CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY.	1 / 1.5
6	TRANSITION BACK OF SIDEWALK TO MEET EXISTING BACK OF SIDEWALK. PRESERVE AND PROTECT EXISTING SIDEWALK.	
7	REMOVE EXISTING CURB AND GUTTER. CONSTRUCT NEW CONC SIDEWALK BETWEEN REMAINING SIDEWALK AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING SIDEWALK.	
8	NARROW SIDEWALK TO FIT BETWEEN EXISTING BUILDING AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING BUILDING.	
9	INTEGRATE COLOR PAVING.	1 / 1.4
10	PROVIDE TRAIL IDENTITY ELEMENT.	2 / 1.4
11	INSTALL INTERPRETIVE ELEMENT.	2 / 1.6



PROFILE
1" = 20' HORIZ
1" = 10' VERT

REVISIONS	
DATE	DESCRIPTION

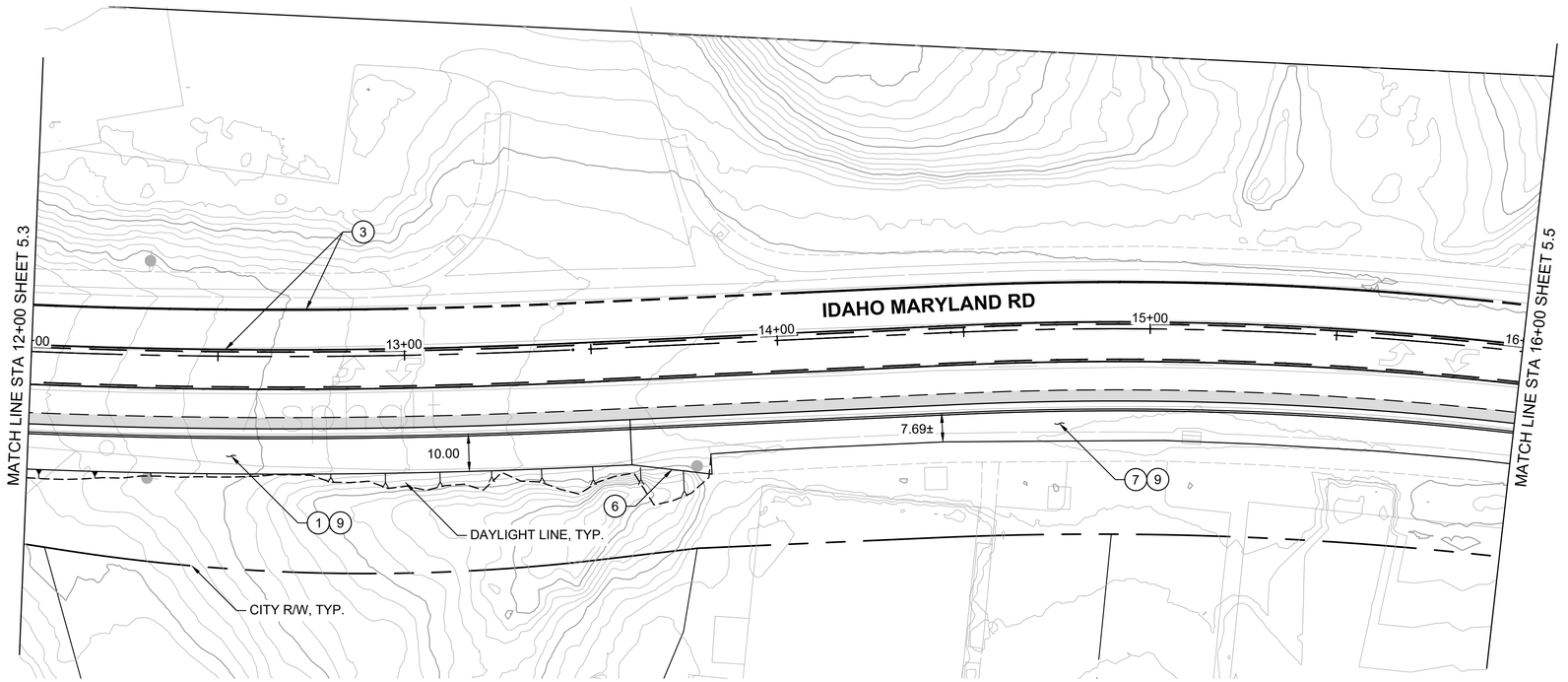
WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - RAILROAD AVE TO CENTENNIAL DR

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (8+00 TO 12+00)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

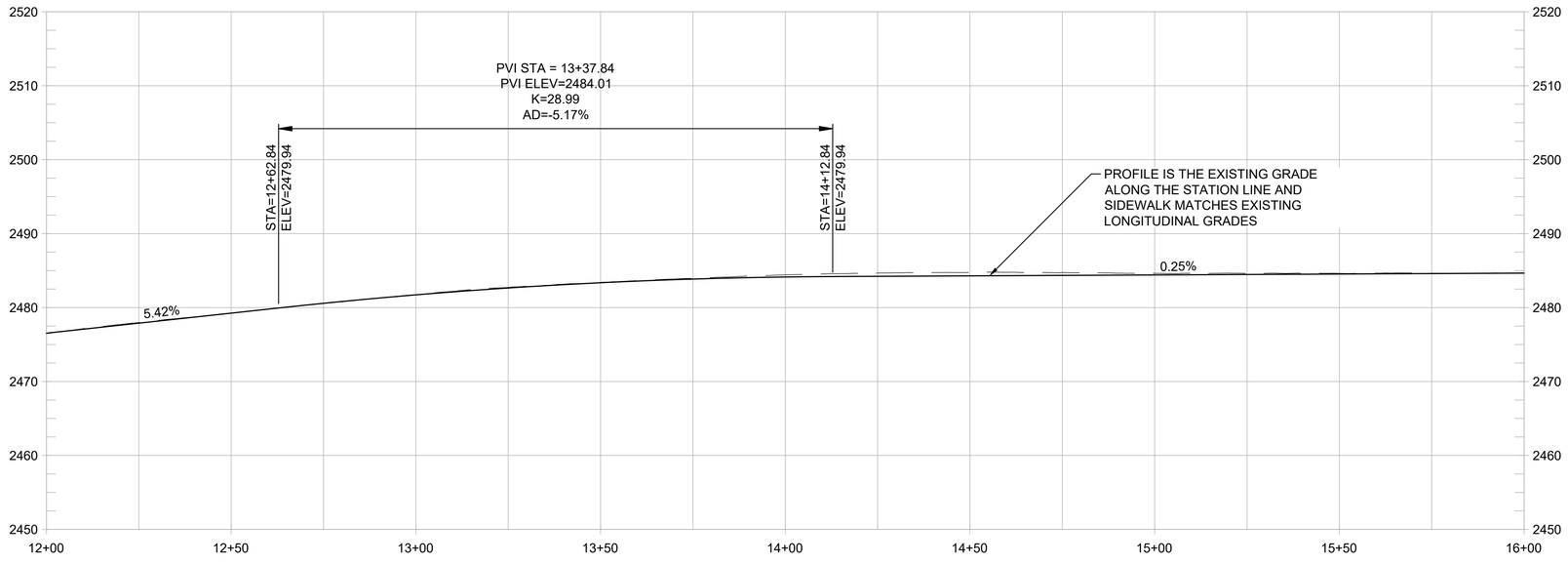
DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	5.3
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET

N



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1	CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK.	3 / 1.3
2	CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING SURFACE.	
3	REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP	3 / 1.3
4	INSTALL LADDER TYPE CROSSWALK STRIPING.	
5	CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY.	1 / 1.5
6	TRANSITION BACK OF SIDEWALK TO MEET EXISTING BACK OF SIDEWALK. PRESERVE AND PROTECT EXISTING SIDEWALK.	
7	REMOVE EXISTING CURB AND GUTTER. CONSTRUCT NEW CONC SIDEWALK BETWEEN REMAINING SIDEWALK AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING SIDEWALK.	
8	NARROW SIDEWALK TO FIT BETWEEN EXISTING BUILDING AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING BUILDING.	
9	INTEGRATE COLOR PAVING.	1 / 1.4
10	PROVIDE TRAIL IDENTITY ELEMENT.	2 / 1.4
11	INSTALL INTERPRETIVE ELEMENT.	2 / 1.6
12	CONSTRUCT NEW CONC CURB, GUTTER, AND 6-FT SIDEWALK.	

REVISIONS

DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - RAILROAD AVE TO CENTENNIAL DR

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (12+00 TO 16+00)

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

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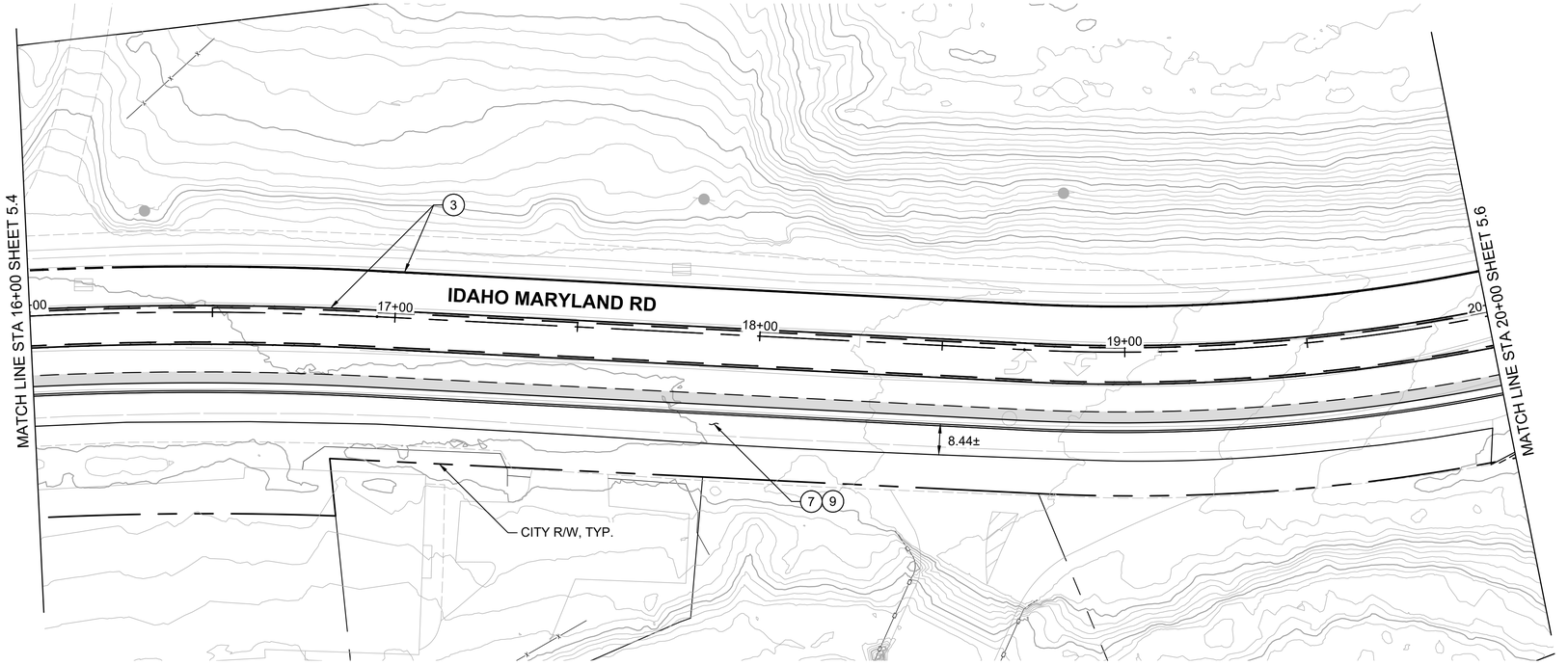
CIVIL
STATE OF CALIFORNIA

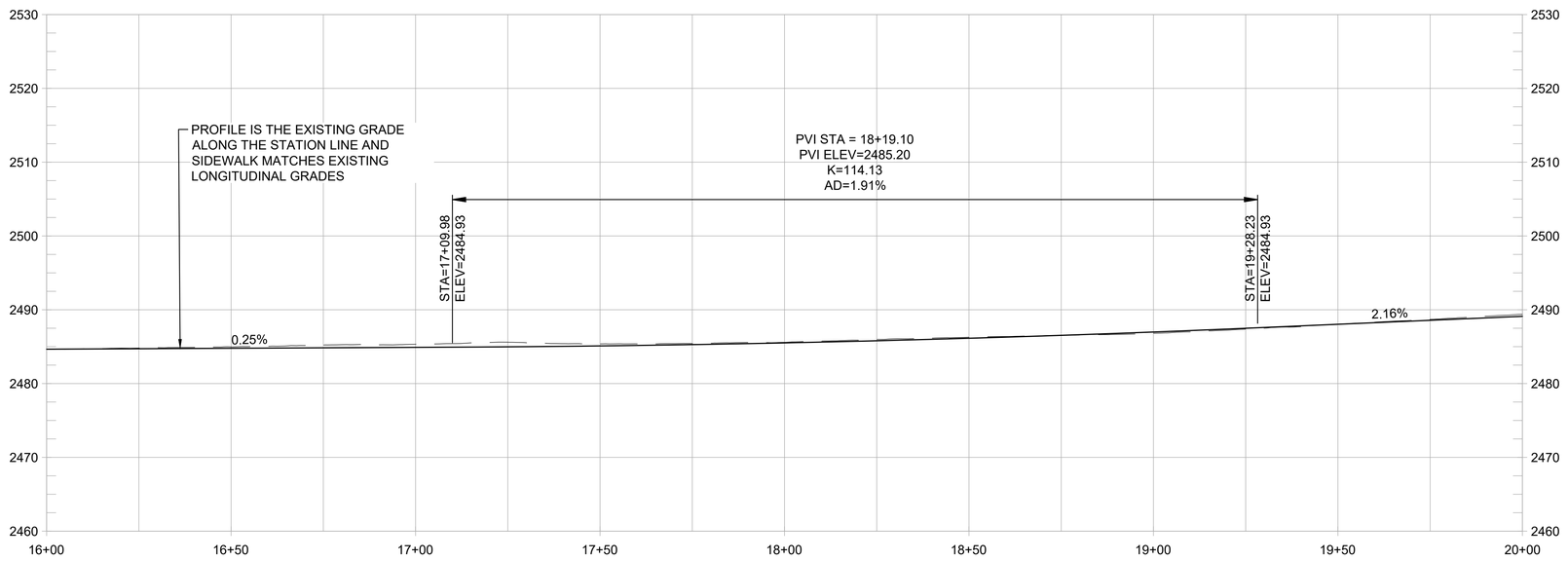
DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	5.4
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET

N



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1	CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK.	3/1.3
2	CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING SURFACE.	
3	REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP	3/1.3
4	INSTALL LADDER TYPE CROSSWALK STRIPING.	
5	CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY.	1/1.5
6	TRANSITION BACK OF SIDEWALK TO MEET EXISTING BACK OF SIDEWALK. PRESERVE AND PROTECT EXISTING SIDEWALK.	
7	REMOVE EXISTING CURB AND GUTTER. CONSTRUCT NEW CONC SIDEWALK BETWEEN REMAINING SIDEWALK AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING SIDEWALK.	
8	NARROW SIDEWALK TO FIT BETWEEN EXISTING BUILDING AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING BUILDING.	
9	INTEGRATE COLOR PAVING.	1/1.4
10	PROVIDE TRAIL IDENTITY ELEMENT.	2/1.4
11	INSTALL INTERPRETIVE ELEMENT.	2/1.6
12	CONSTRUCT NEW CONC CURB, GUTTER, AND 6-FT SIDEWALK.	

REVISIONS

DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - RAILROAD AVE TO CENTENNIAL DR

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (16+00 TO 20+00)

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

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DESIGN BY	ES,MT
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SCALE	1" = 20'
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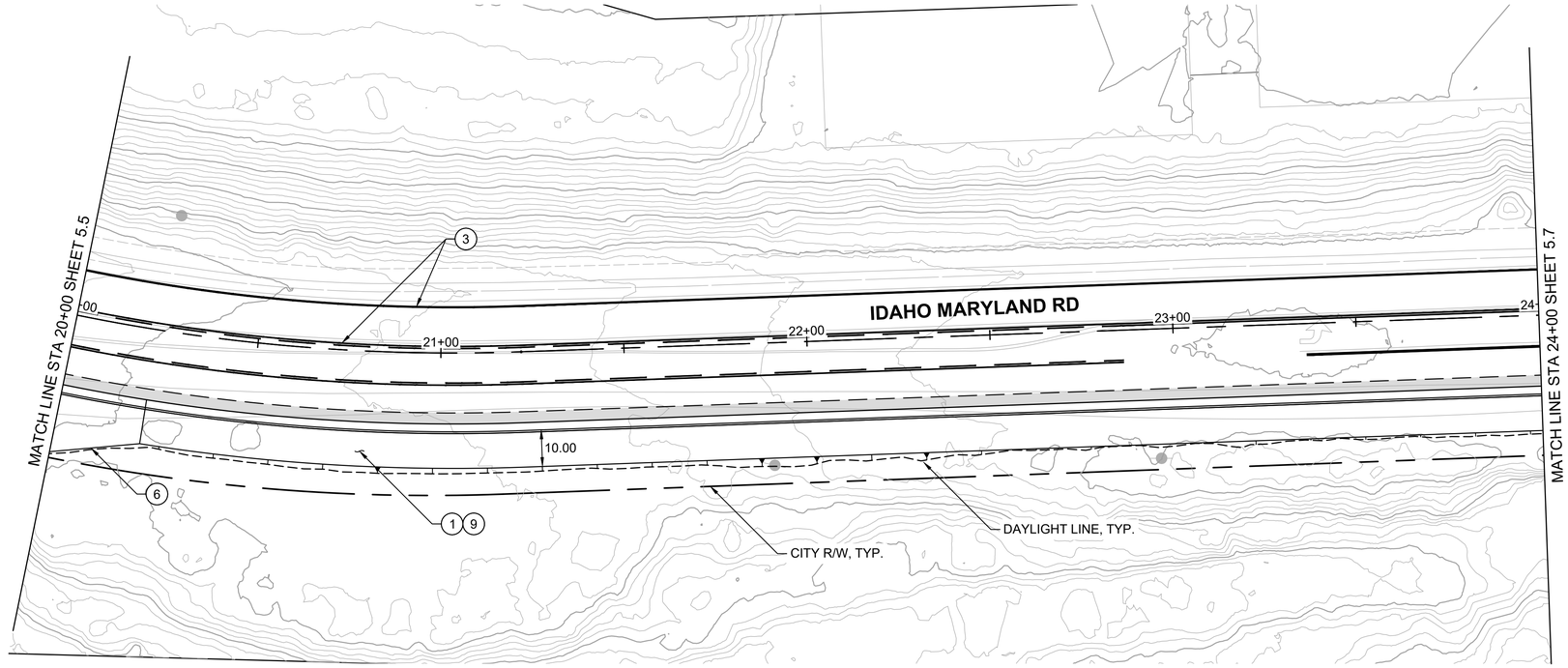
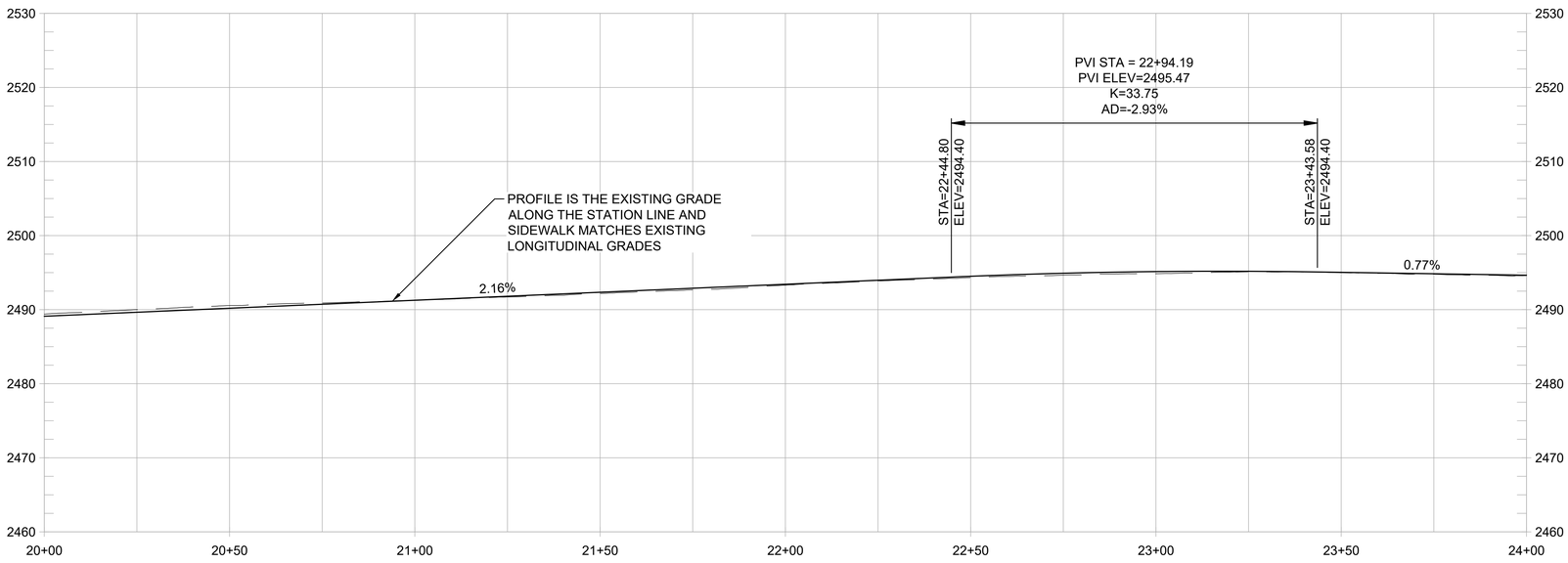
SHEET	5.5
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET

N



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1. CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK. (3 / 1.3)
2. CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING SURFACE.
3. REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP (3 / 1.3)
4. INSTALL LADDER TYPE CROSSWALK STRIPING.
5. CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY. (1 / 1.5)
6. TRANSITION BACK OF SIDEWALK TO MEET EXISTING BACK OF SIDEWALK. PRESERVE AND PROTECT EXISTING SIDEWALK.
7. REMOVE EXISTING CURB AND GUTTER. CONSTRUCT NEW CONC SIDEWALK BETWEEN REMAINING SIDEWALK AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING SIDEWALK.
8. NARROW SIDEWALK TO FIT BETWEEN EXISTING BUILDING AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING BUILDING.
9. INTEGRATE COLOR PAVING. (1 / 1.4)
10. PROVIDE TRAIL IDENTITY ELEMENT. (2 / 1.4)
11. INSTALL INTERPRETIVE ELEMENT. (2 / 1.6)
12. CONSTRUCT NEW CONC CURB, GUTTER, AND 6-FT SIDEWALK.

REVISIONS

DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - RAILROAD AVE TO CENTENNIAL DR

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (20+00 TO 24+00)

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

RDG
Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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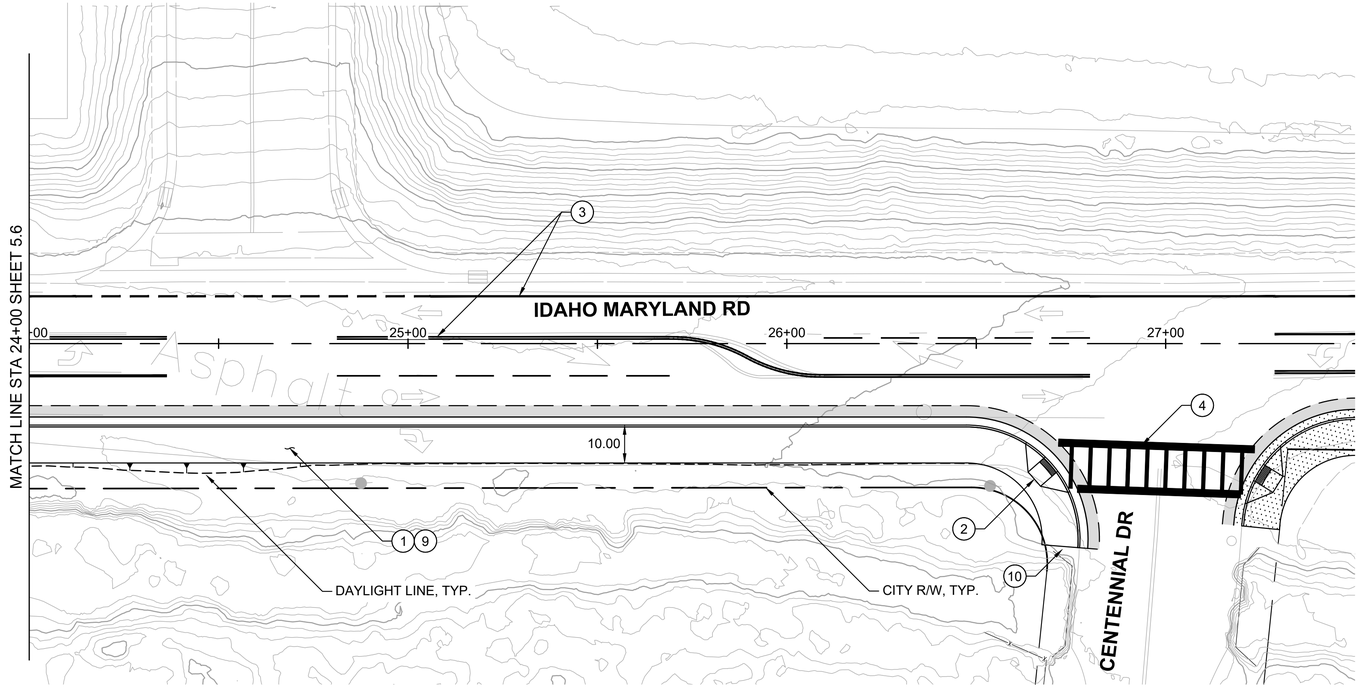
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	5.6
	OF 82



PLAN
1" = 20'

SEGMENT 5 | SEGMENT 6

0 10 20 40 60
SCALE IN FEET

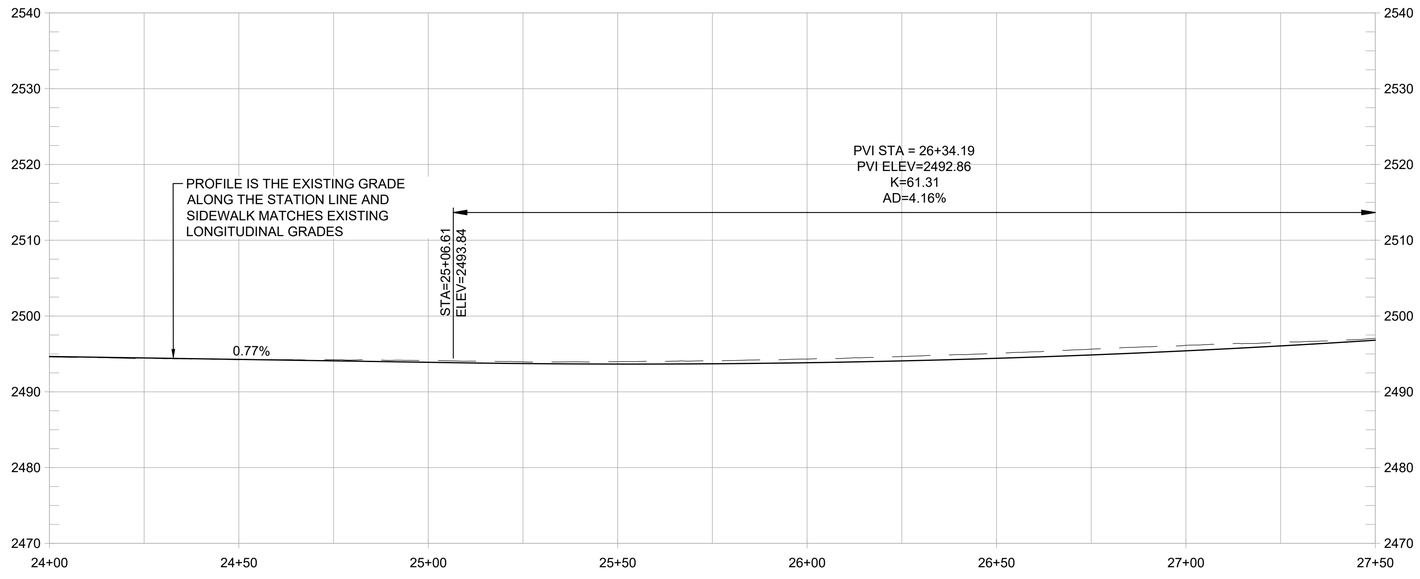
N

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.
2. LANE WIDTHS REDUCED FROM STATION 27+00 TO END.

CONSTRUCTION NOTES:

1. CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK. (3/1.3)
2. CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING SURFACE.
3. REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP (3/1.3)
4. INSTALL LADDER TYPE CROSSWALK STRIPING.
5. CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY. (1/1.5)
6. TRANSITION BACK OF SIDEWALK TO MEET EXISTING BACK OF SIDEWALK. PRESERVE AND PROTECT EXISTING SIDEWALK.
7. REMOVE EXISTING CURB AND GUTTER. CONSTRUCT NEW CONC SIDEWALK BETWEEN REMAINING SIDEWALK AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING SIDEWALK.
8. NARROW SIDEWALK TO FIT BETWEEN EXISTING BUILDING AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING BUILDING.
9. INTEGRATE COLOR PAVING. (1/1.4)
10. PROVIDE TRAIL IDENTITY ELEMENT. (2/1.4)
11. INSTALL INTERPRETIVE ELEMENT. (2/1.6)



PROFILE
1" = 20' HORIZ
1" = 10' VERT

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - RAILROAD AVE TO CENTENNIAL DR

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (24+00 TO 27+50)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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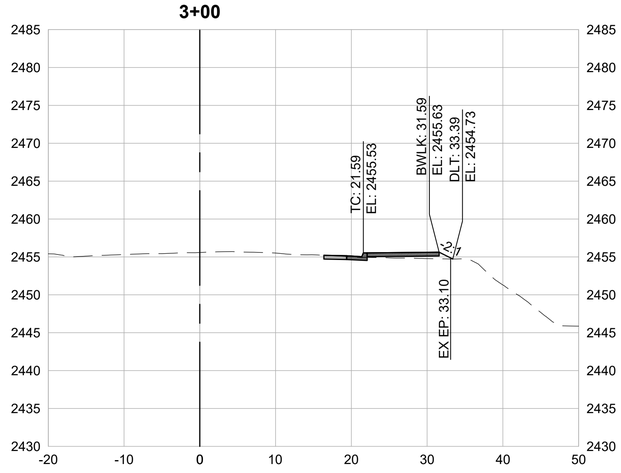
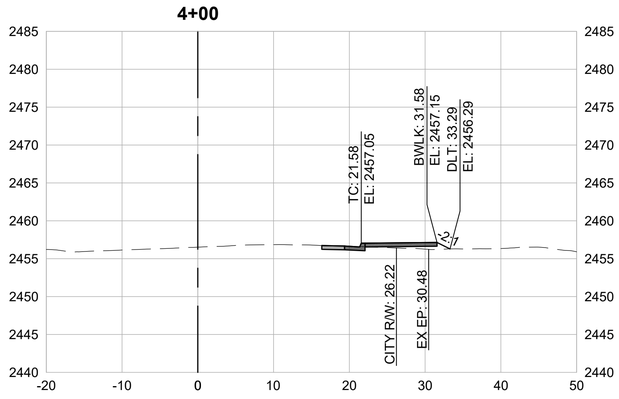
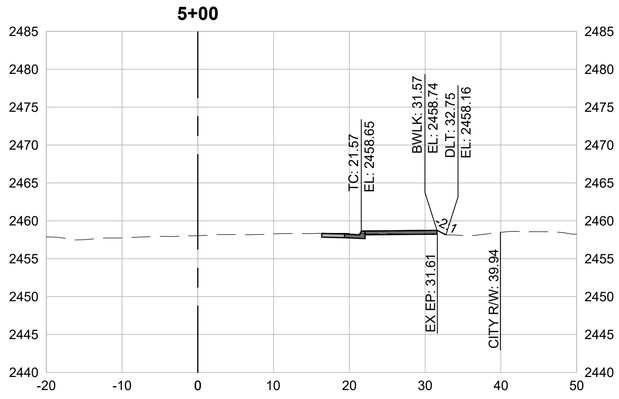
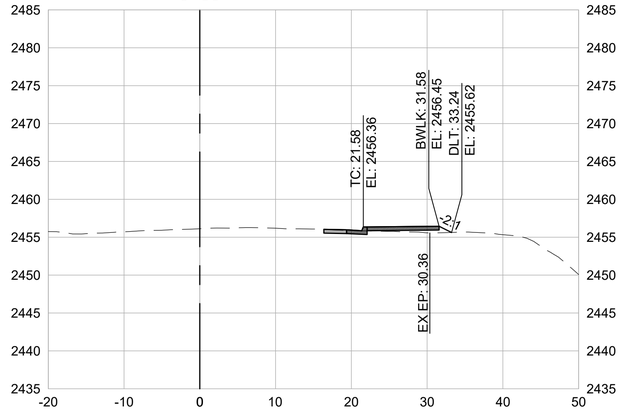
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

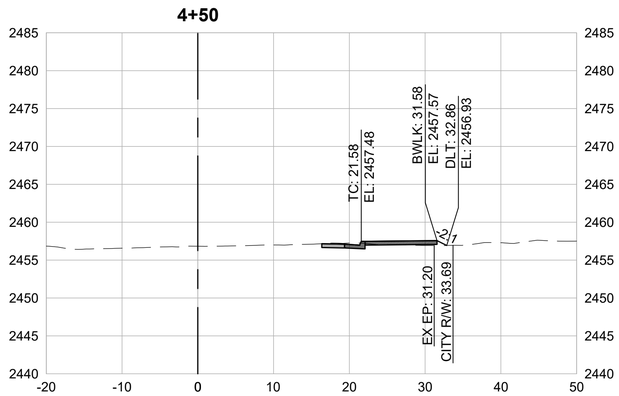
DESIGN BY	ES,MT
DRAWN BY	ES,MT,JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	5.7
	OF 82

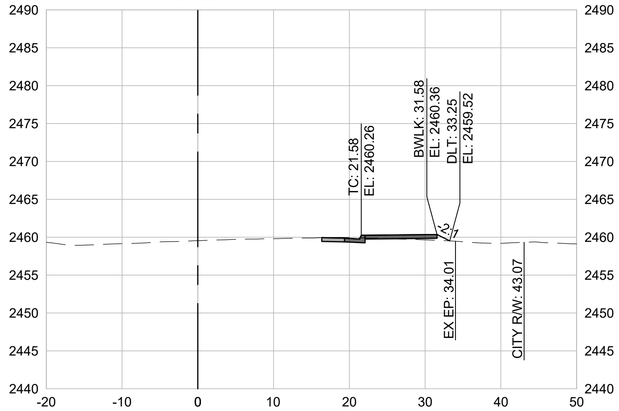












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - RAILROAD AVE TO CENTENNIAL DR

PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (3+00 TO 5+50)

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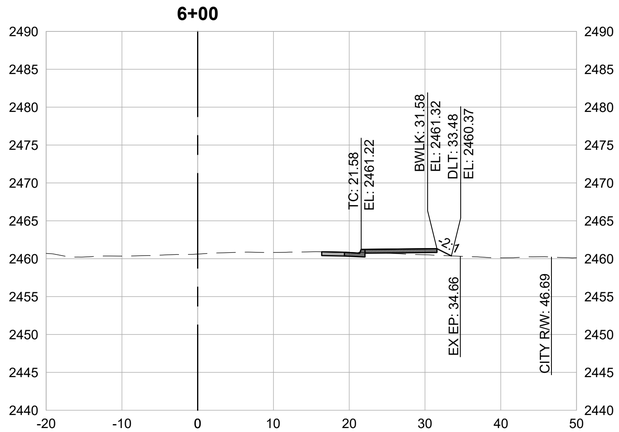
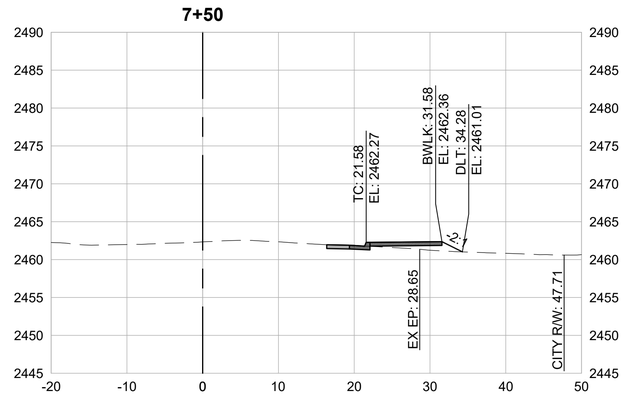
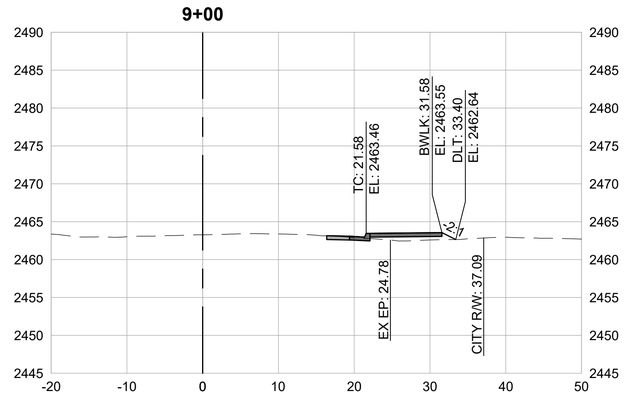
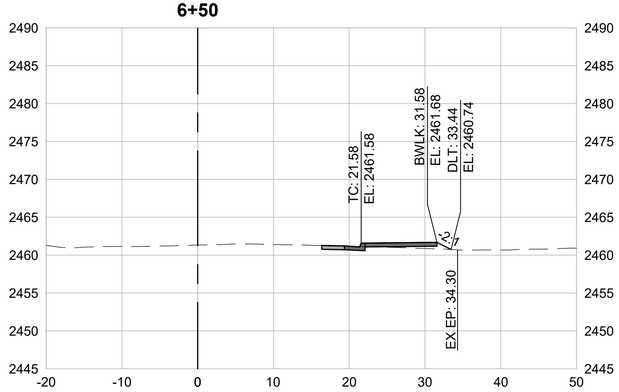
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

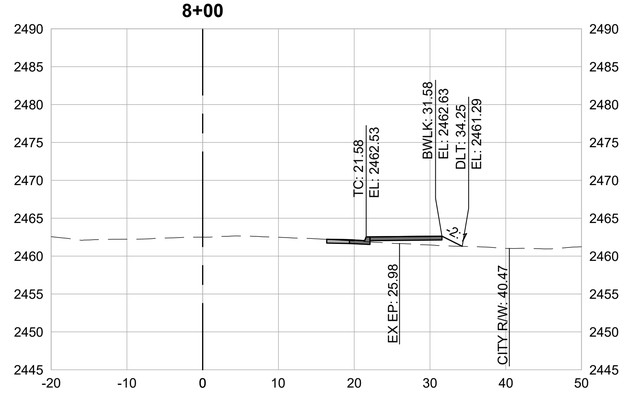
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	5.8
	OF 82

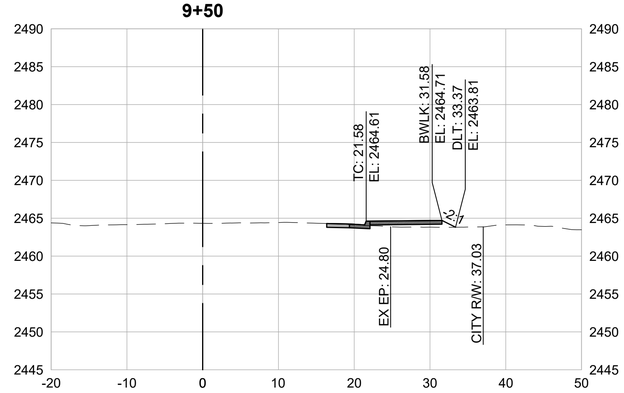


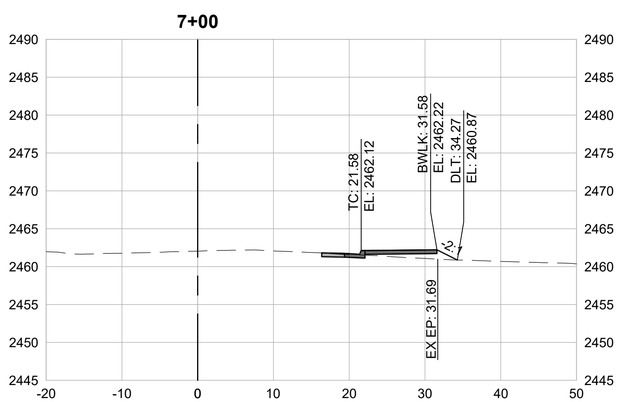


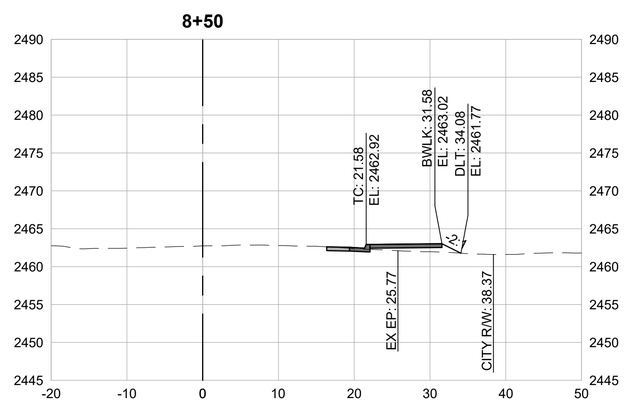












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - RAILROAD AVE TO CENTENNIAL DR

PRELIMINARY IMPROVEMENT PLANS

CROSS SECTION (6+00 TO 9+50)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
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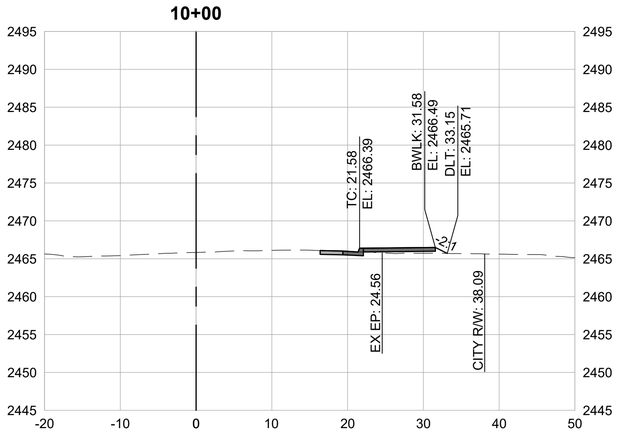
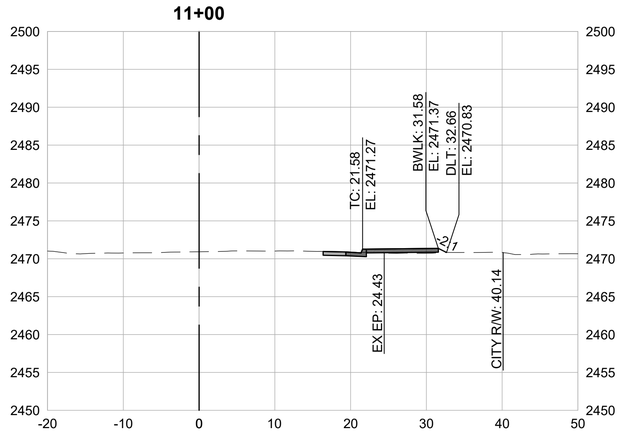
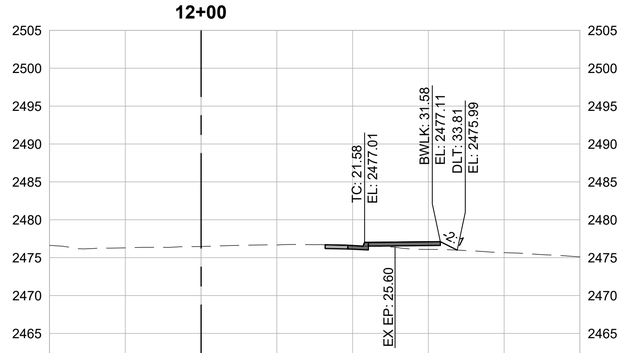
www.restorationdesigngroup.com

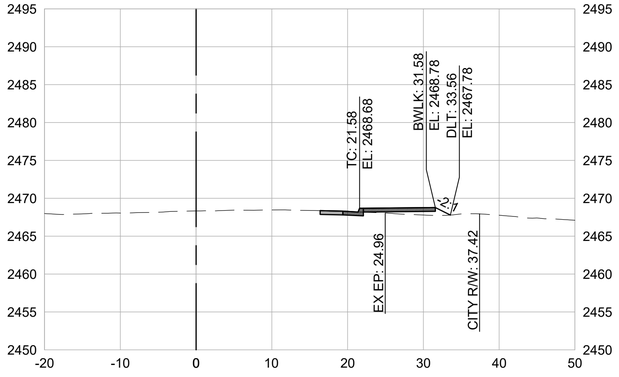
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

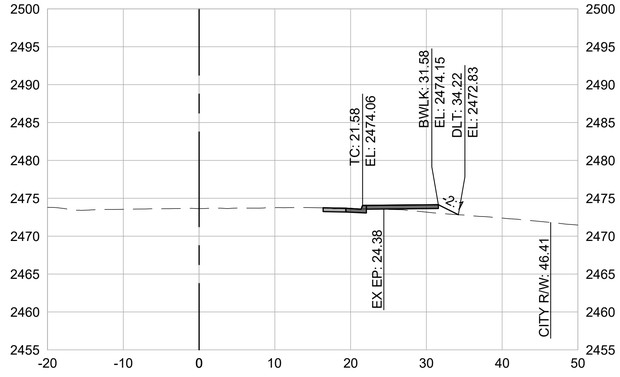
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	5.9
	OF 82

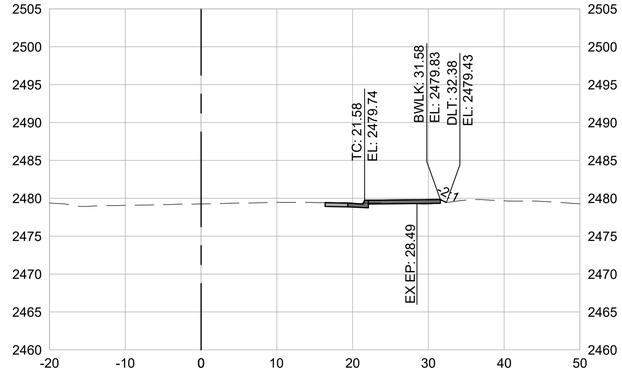












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - RAILROAD AVE TO CENTENNIAL DR

PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (10+00 TO 12+50)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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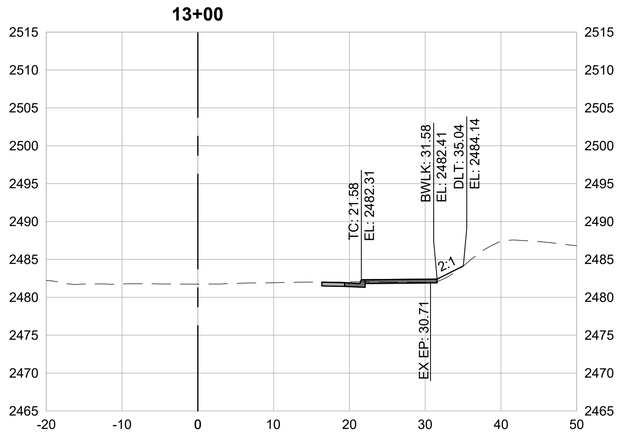
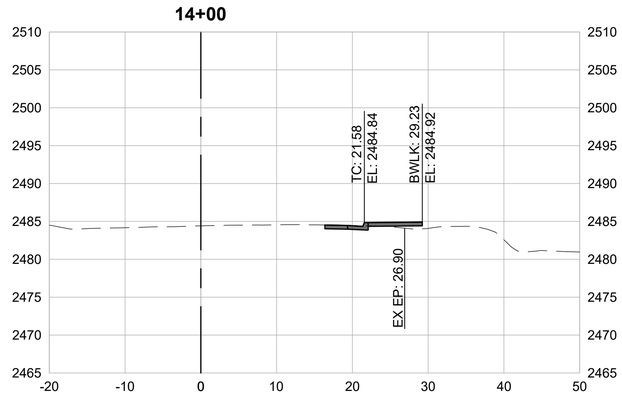
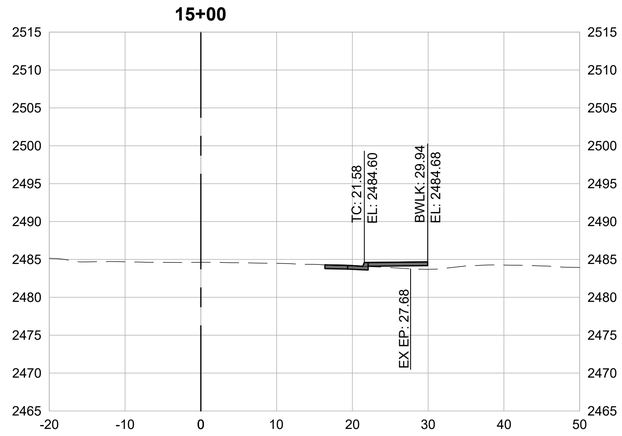
www.restorationdesigngroup.com

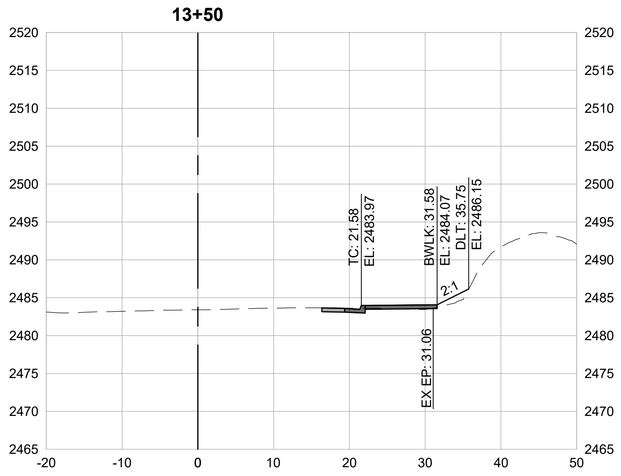
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

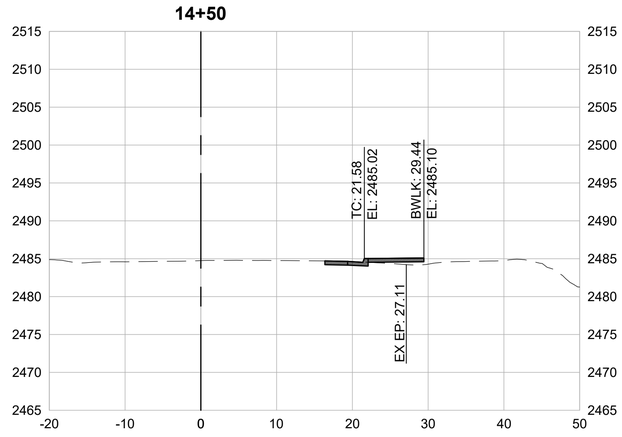
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	5.10
	OF 82

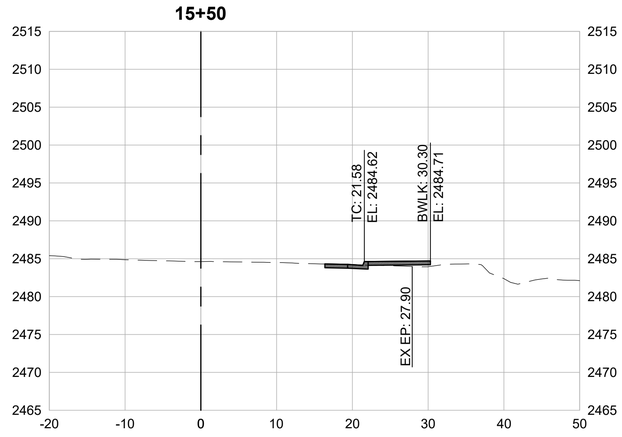












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - RAILROAD AVE TO CENTENNIAL DR

PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (13+00 TO 15+50)

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

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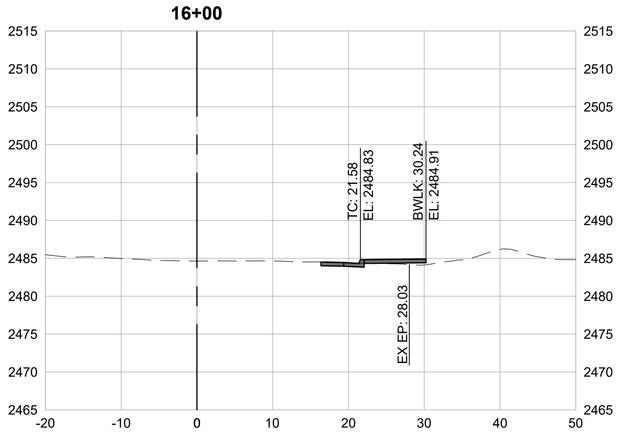
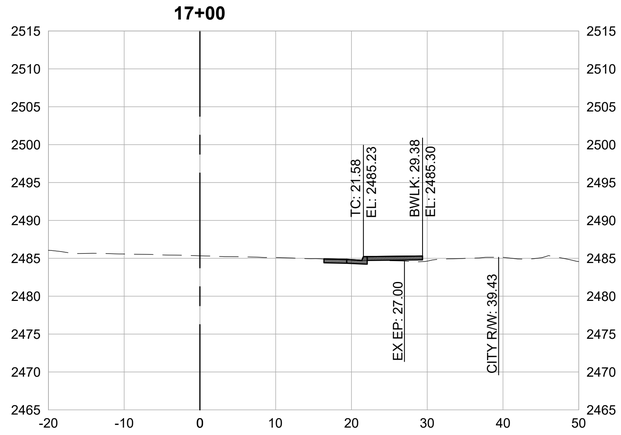
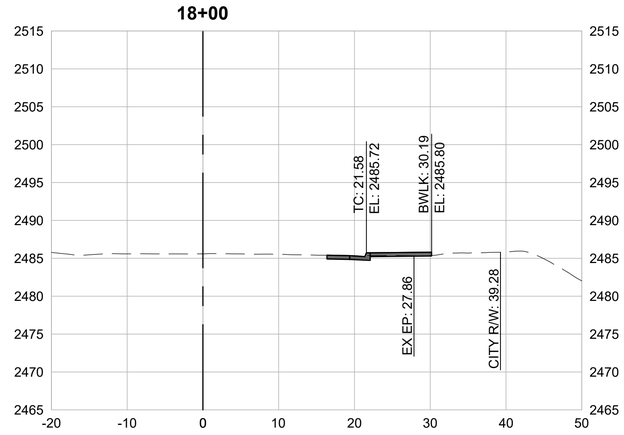
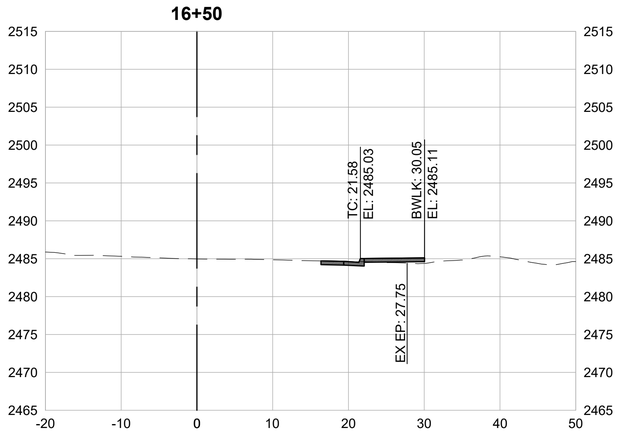
STATE OF CALIFORNIA

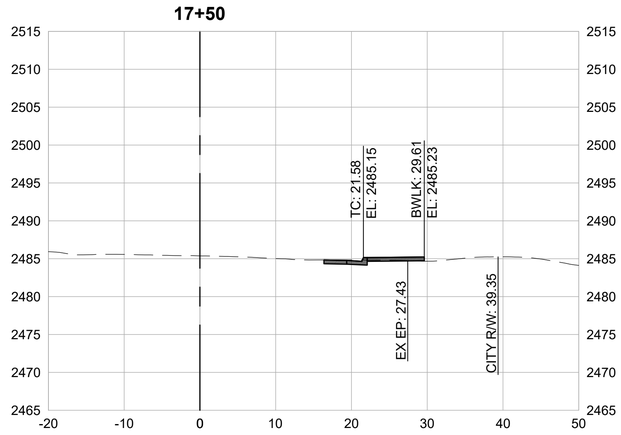
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	5.11
	OF 82

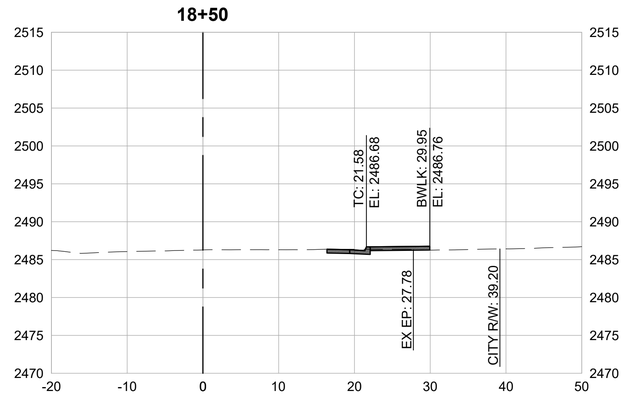












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - RAILROAD AVE TO CENTENNIAL DR

PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (16+00 TO 18+50)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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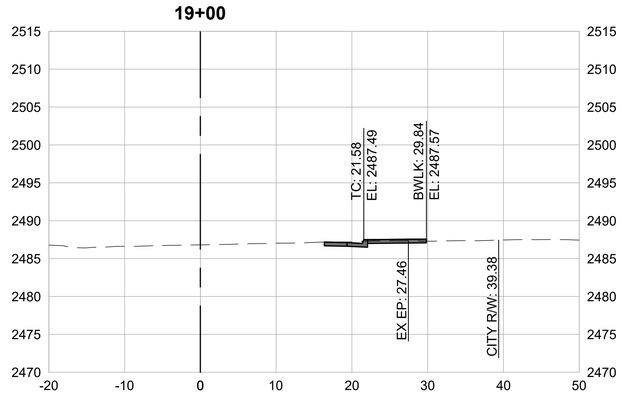
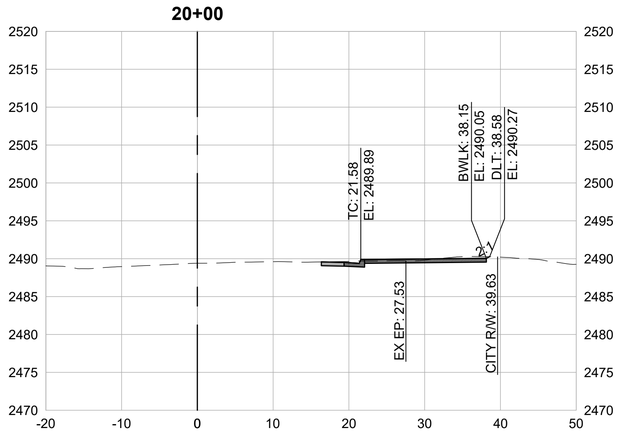
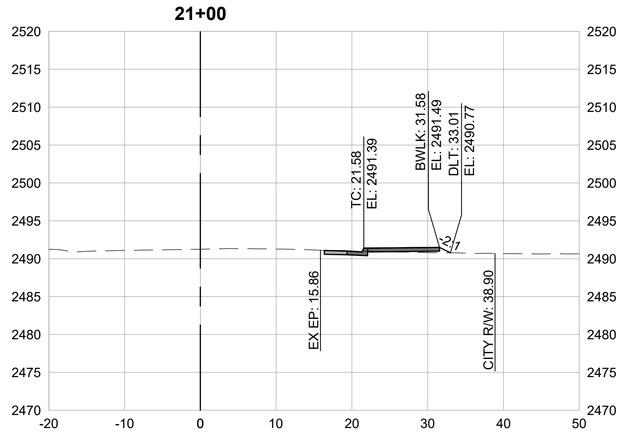
www.restorationdesigngroup.com

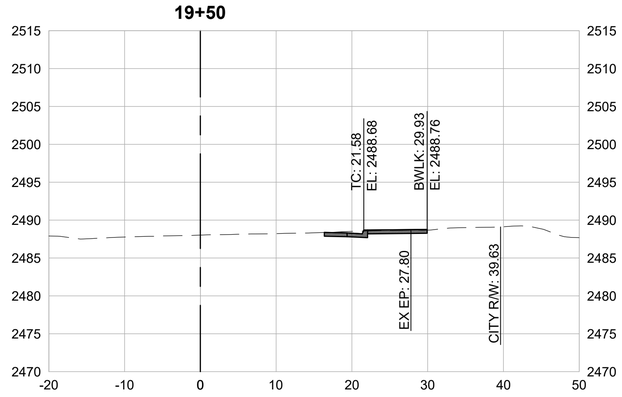
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

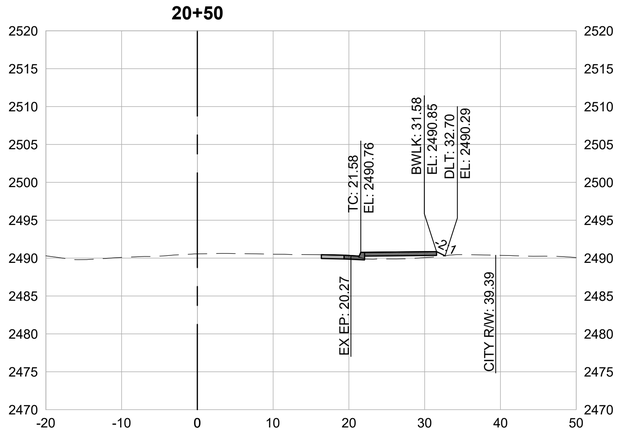
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	5.12
	OF 82

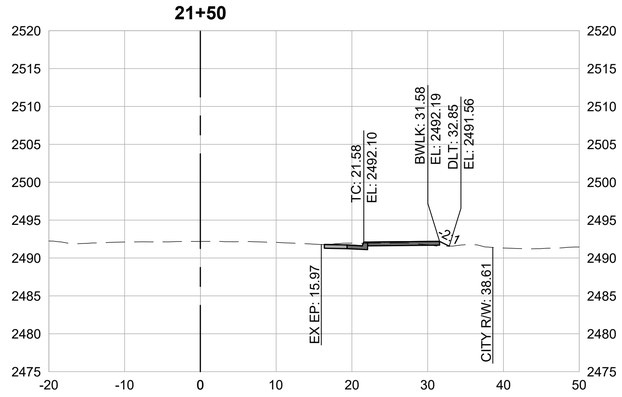












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

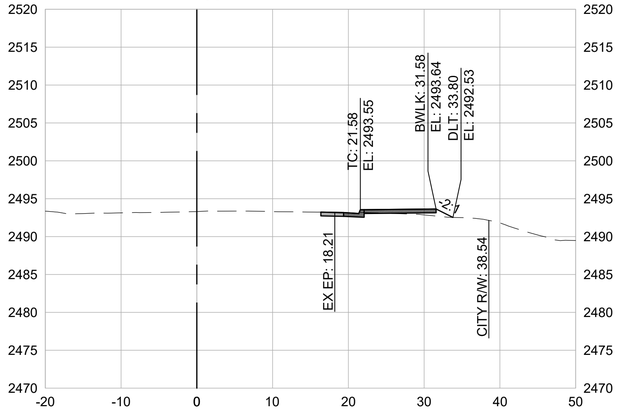
WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - RAILROAD AVE TO CENTENNIAL DR

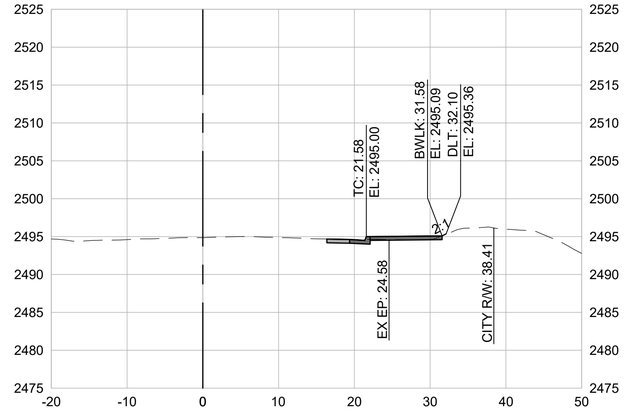
PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (19+00 TO 21+50)

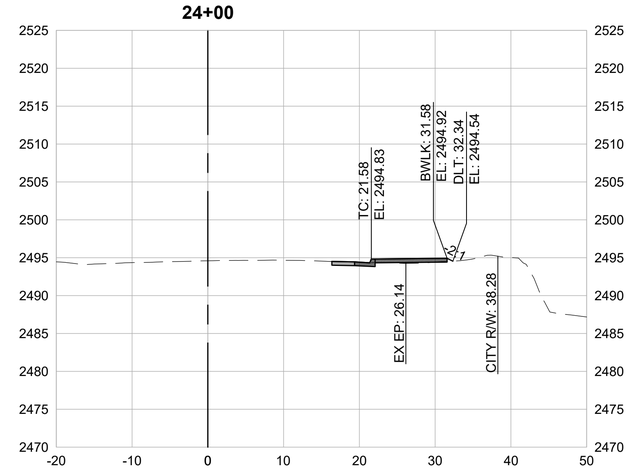
Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

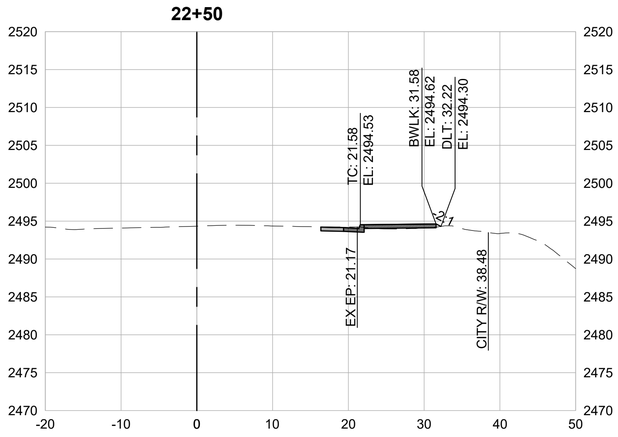
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

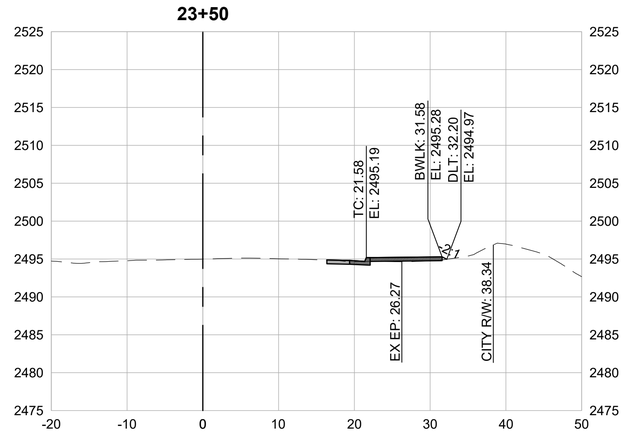
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	5.13
	OF 82

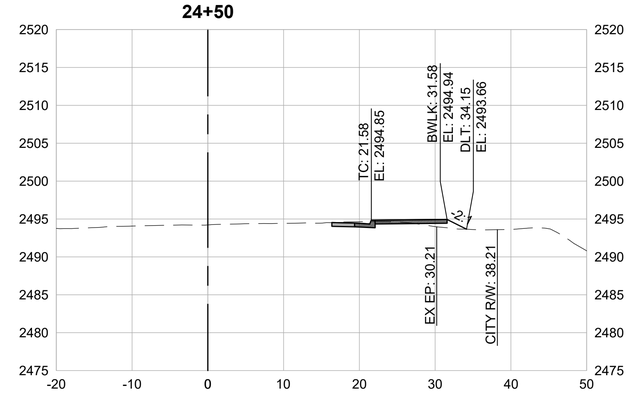












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

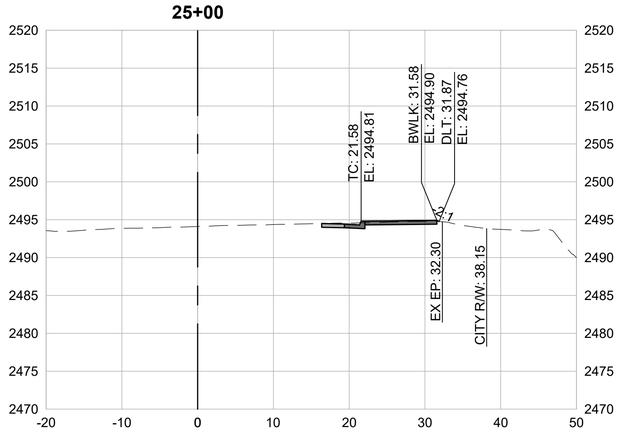
WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - RAILROAD AVE TO CENTENNIAL DR

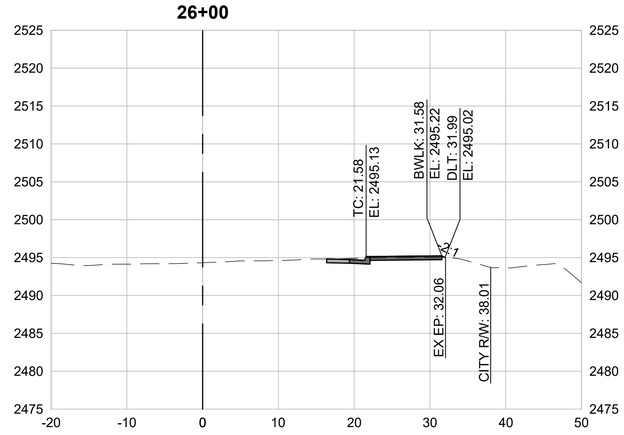
PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (22+00 TO 24+50)

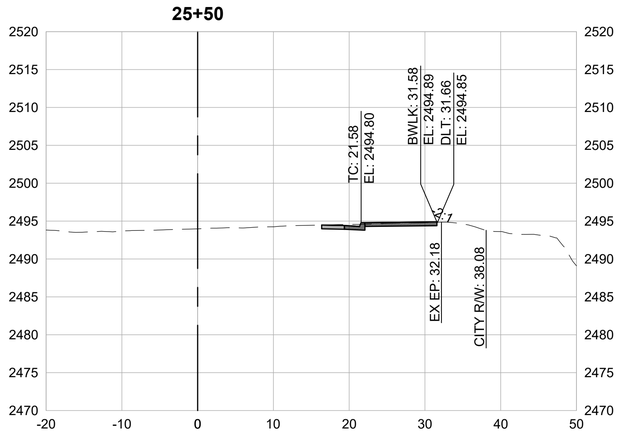
Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

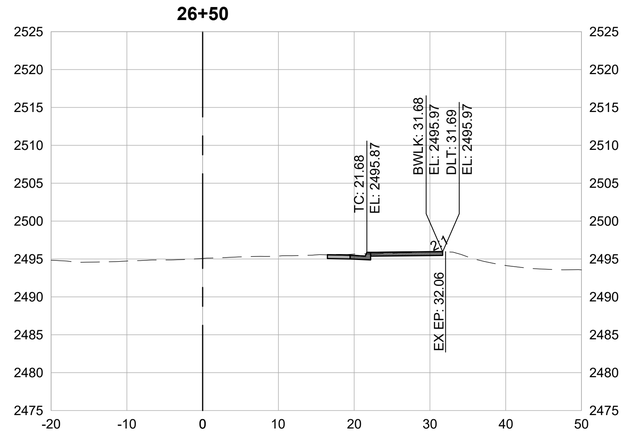
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	5.14
	OF 82









CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 5 - RAILROAD AVE TO CENTENNIAL DR

PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (25+00 TO 26+50)

Restoration Design Group, Inc.
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www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	5.15
	OF 82

SEGMENT 6

LIMITS: IDAHO MARYLAND RD FROM CENTENNIAL DR TO SUTTON WAY

811
CALL BEFORE YOU DIG
UNDERGROUND SERVICE ALERT

2 WORKING DAYS
BEFORE YOU DIG CALL USA
TOLL FREE 811

REVISIONS

DATE	DESCRIPTION
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WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 6 - CENTENNIAL DR TO SUTTON WAY

PRELIMINARY IMPROVEMENT PLANS

BEGIN SEGMENT 6

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

RDG

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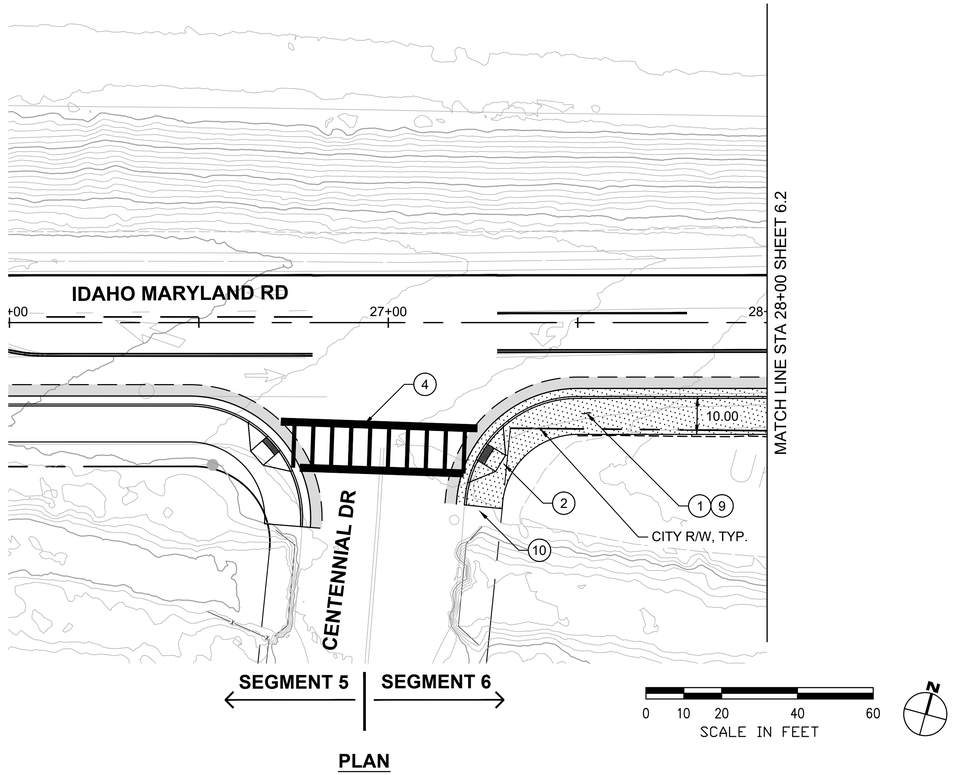
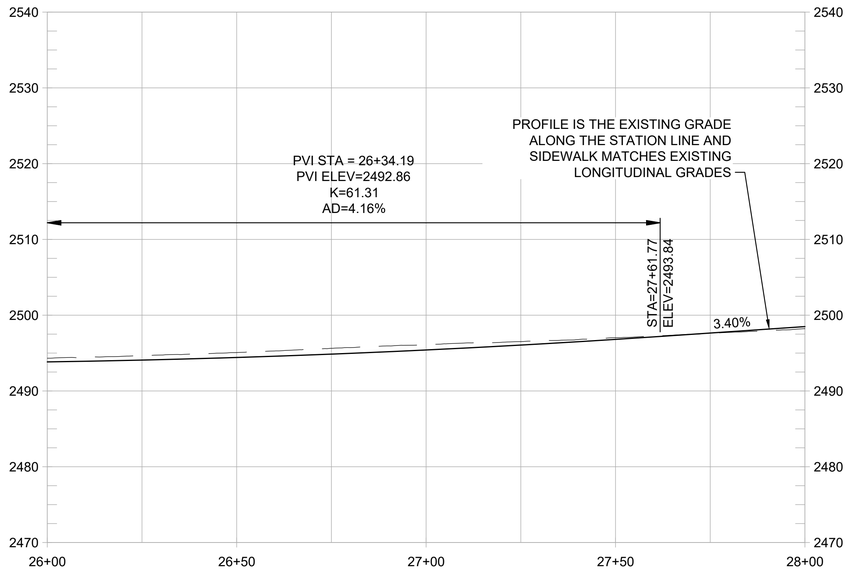
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	MT, ES
DRAWN BY	JH, MT, ES
CHECKED BY	MT, ES
SCALE	NA
DATE	MARCH 16, 2023
SHEET	6.0
	OF 82

C:\USERS\H2OTH\RESTORATION DESIGN GROUP\PROJECTS - DOCUMENTS\WOLF CREEK TRAIL\04 AUTOCAD\WORKING DRAWINGS\SHEETS\SEGMENT 6\SEG-6-WLF-BEG.DWG PLOTTED ON: 3/15/2023



PLAN
1" = 20'



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.
2. LANE WIDTHS REDUCED FROM STATION 27+00 TO END.

CONSTRUCTION NOTES:

1. CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK. (3/1.3)
2. CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING SURFACE.
3. REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP (3/1.3)
4. INSTALL LADDER TYPE CROSSWALK STRIPING.
5. CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY. (1/1.5)
6. TRANSITION BACK OF SIDEWALK TO MEET EXISTING BACK OF SIDEWALK. PRESERVE AND PROTECT EXISTING SIDEWALK.
7. REMOVE EXISTING CURB AND GUTTER. CONSTRUCT NEW CONC SIDEWALK BETWEEN REMAINING SIDEWALK AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING SIDEWALK.
8. NARROW SIDEWALK TO FIT BETWEEN EXISTING BUILDING AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING BUILDING.
9. INTEGRATE COLOR PAVING. (1/1.4)
10. PROVIDE TRAIL IDENTITY ELEMENT. (2/1.4)
11. INSTALL INTERPRETIVE ELEMENT. (2/1.6)

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 6 - CENTENNIAL DR TO SUTTON WAY

PLAN & PROFILE (27+50 TO 28+00)

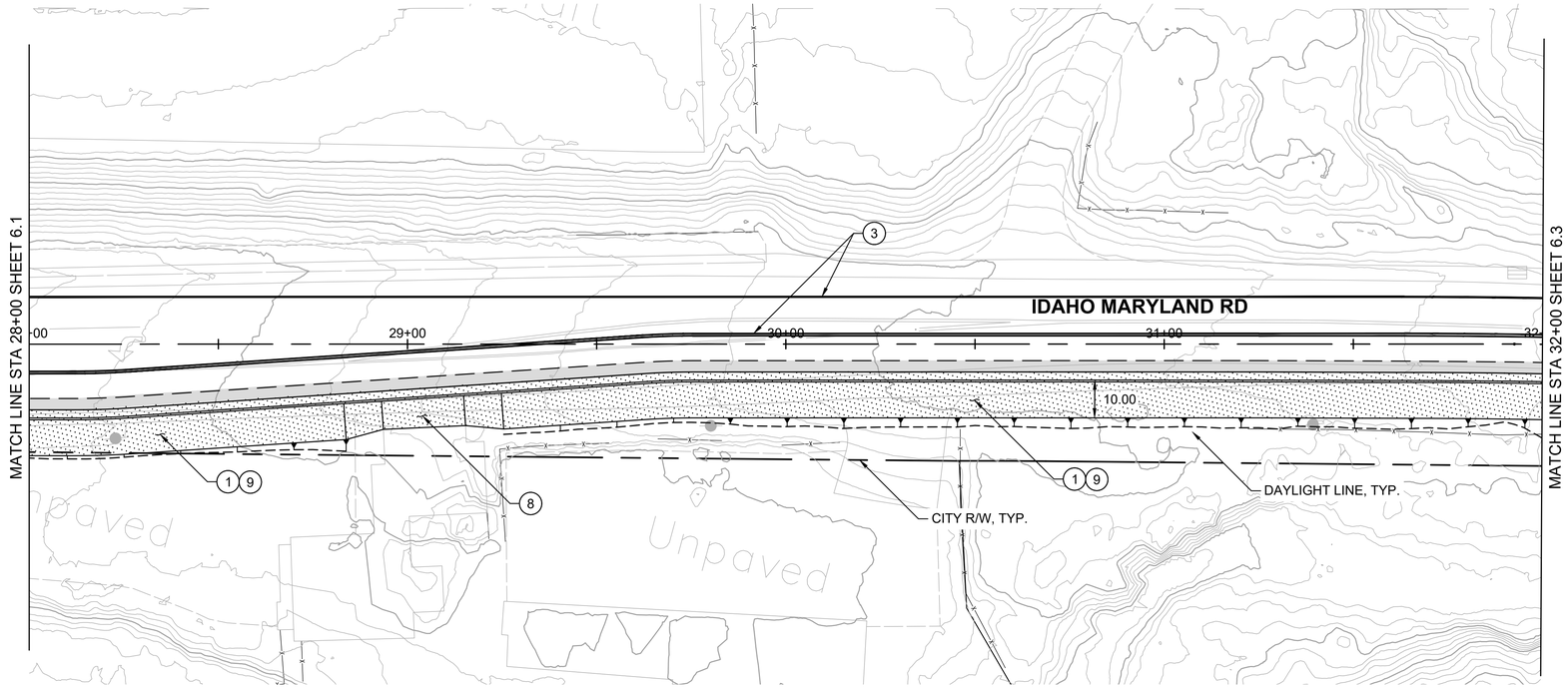
PRELIMINARY IMPROVEMENT PLANS

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

RDG
Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

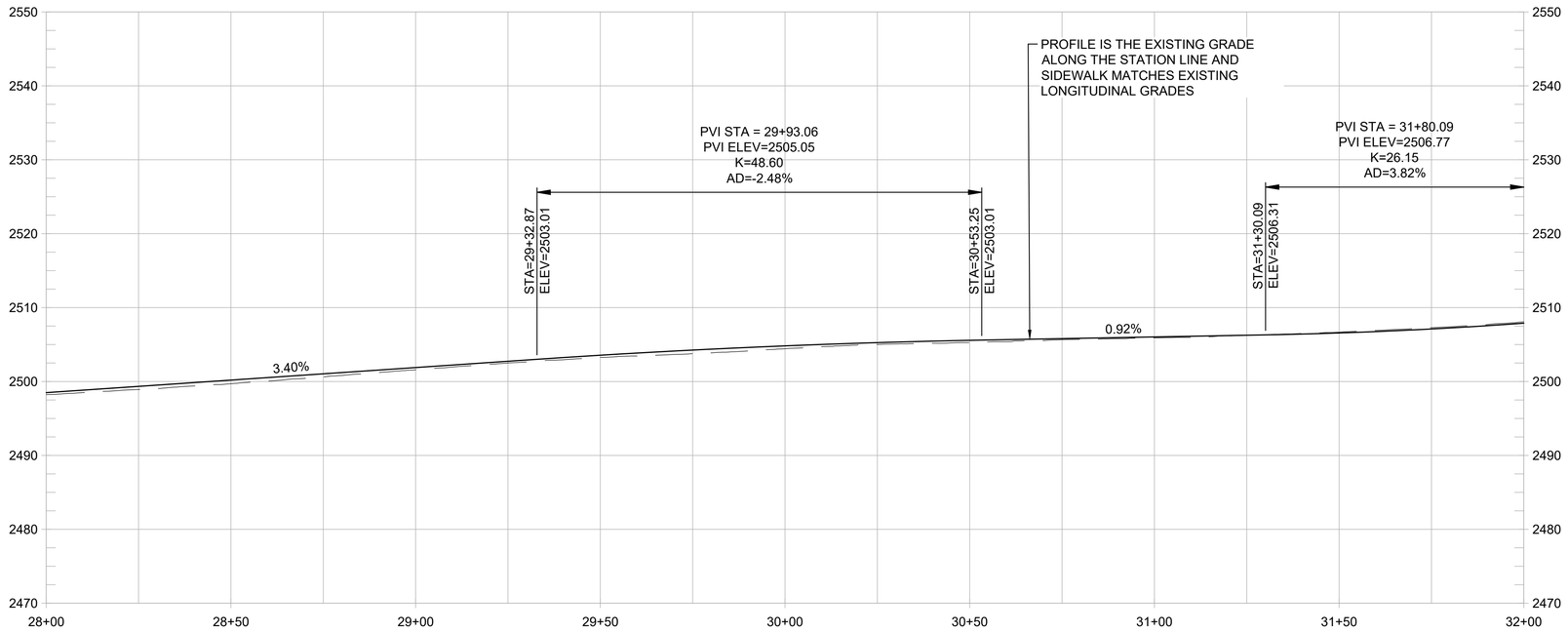
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	6.1
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET

N



PROFILE
1" = 20' HORIZ
1" = 10' VERT

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1	CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK.	3 / 1.3
2	CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING SURFACE.	
3	REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP	3 / 1.3
4	INSTALL LADDER TYPE CROSSWALK STRIPING.	
5	CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY.	1 / 1.5
6	TRANSITION BACK OF SIDEWALK TO MEET EXISTING BACK OF SIDEWALK. PRESERVE AND PROTECT EXISTING SIDEWALK.	
7	REMOVE EXISTING CURB AND GUTTER. CONSTRUCT NEW CONC SIDEWALK BETWEEN REMAINING SIDEWALK AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING SIDEWALK.	
8	NARROW SIDEWALK TO FIT BETWEEN EXISTING BUILDING AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING BUILDING.	
9	INTEGRATE COLOR PAVING.	1 / 1.4
10	PROVIDE TRAIL IDENTITY ELEMENT.	2 / 1.4
11	INSTALL INTERPRETIVE ELEMENT.	2 / 1.6

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 6 - CENTENNIAL DR TO SUTTON WAY

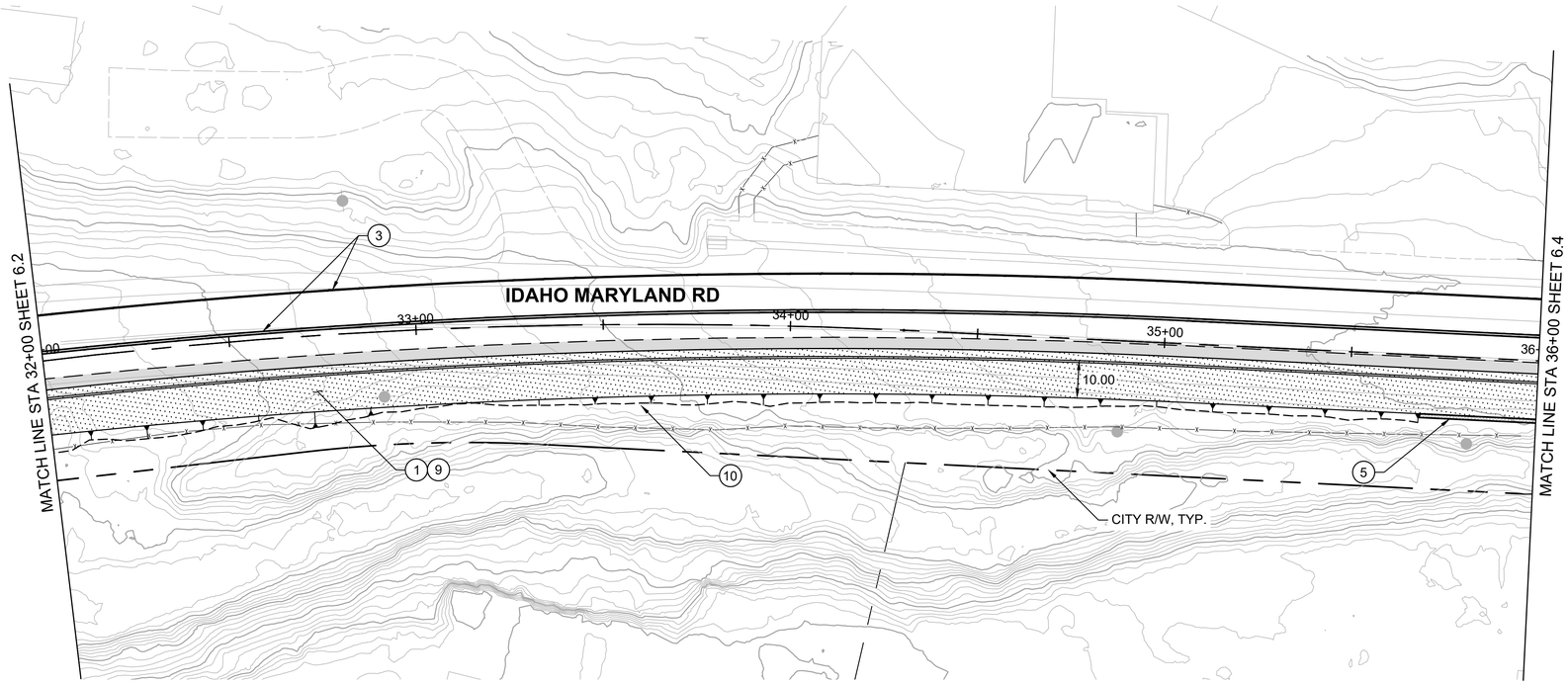
PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (28+00 TO 32+00)

ENVIRONMENTAL RESOURCE MANAGEMENT S2S

RDG
Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	6.2
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET

N

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1. CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK. (3/1.3)
2. CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING SURFACE.
3. REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP (3/1.3)
4. INSTALL LADDER TYPE CROSSWALK STRIPING.
5. CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY. (1/1.5)
6. TRANSITION BACK OF SIDEWALK TO MEET EXISTING BACK OF SIDEWALK. PRESERVE AND PROTECT EXISTING SIDEWALK.
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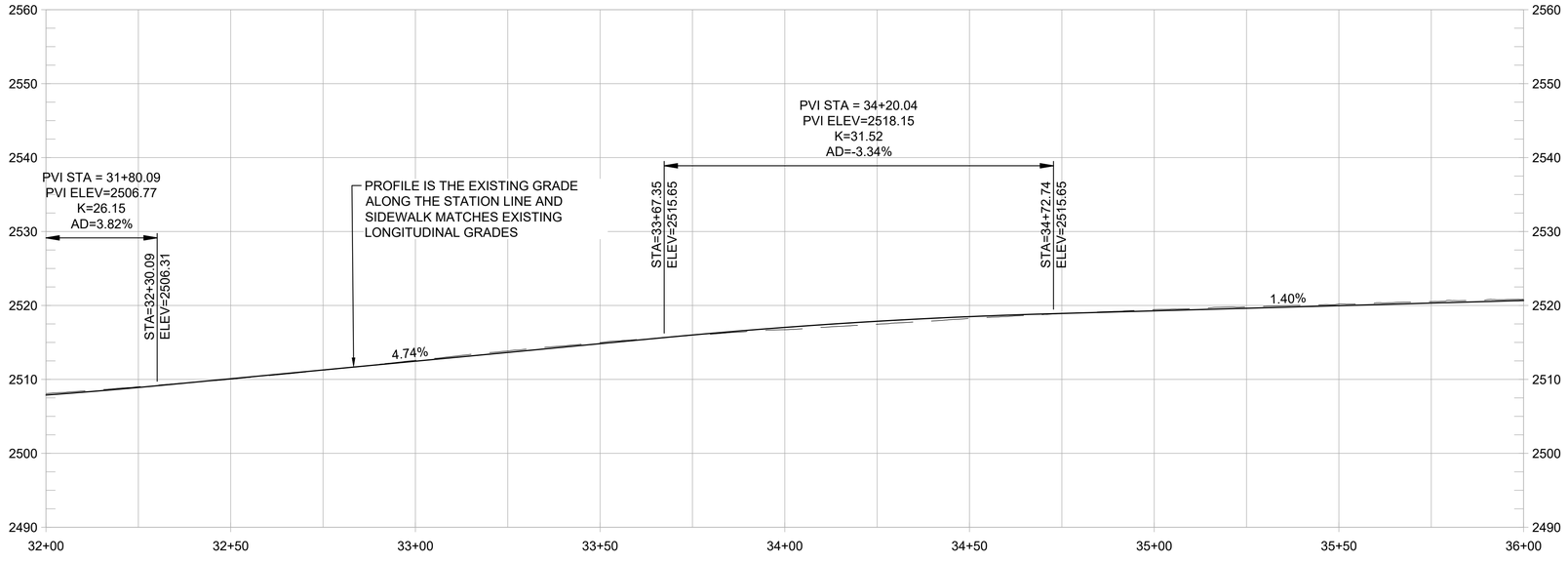
9. INTEGRATE COLOR PAVING. (1/1.4)
10. PROVIDE TRAIL IDENTITY ELEMENT. (2/1.4)
11. INSTALL INTERPRETIVE ELEMENT. (2/1.6)



PROFILE
1" = 20' HORIZ
1" = 10' VERT

REVISIONS	
DATE	DESCRIPTION

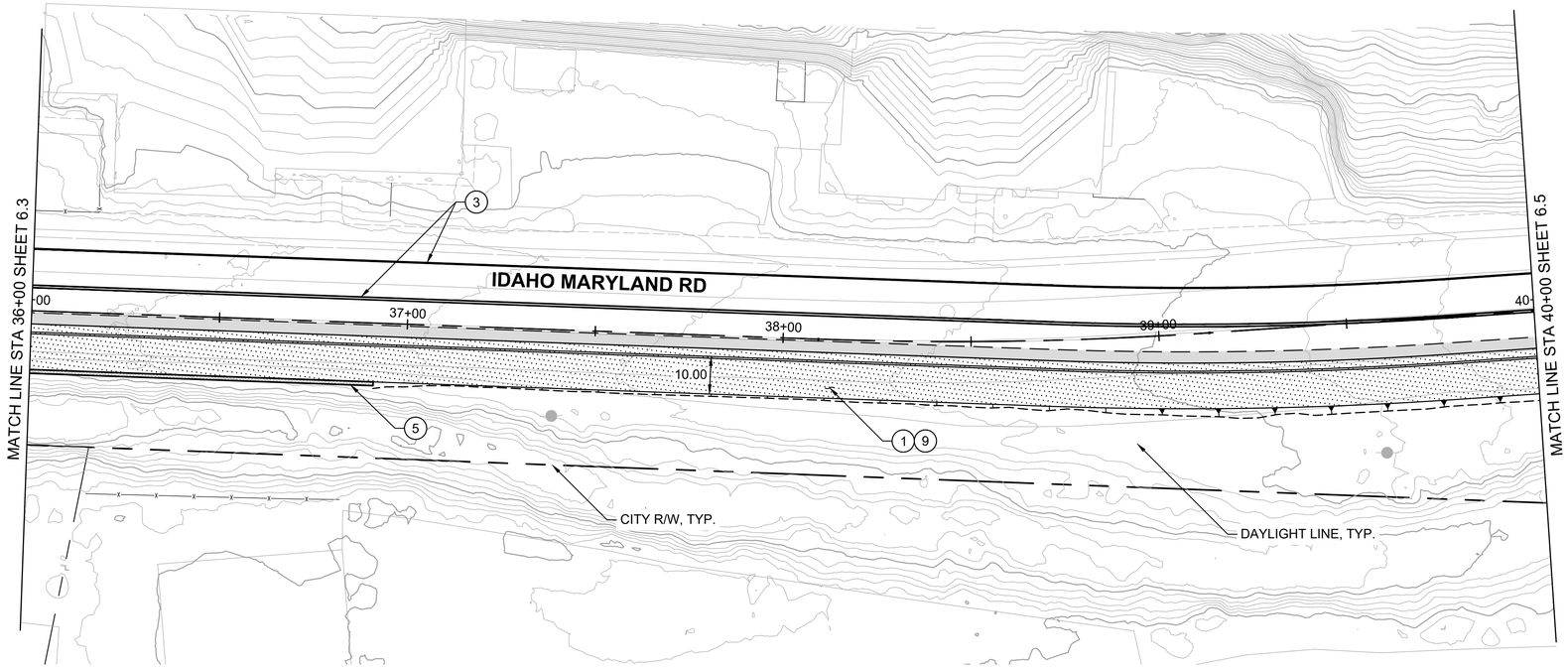
WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 6 - CENTENNIAL DR TO SUTTON WAY

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (32+00 TO 36+00)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	6.3
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET

N

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1. CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK. (3/1.3)
2. CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING SURFACE.
3. REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP (3/1.3)
4. INSTALL LADDER TYPE CROSSWALK STRIPING.
5. CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY. (1/1.5)
6. TRANSITION BACK OF SIDEWALK TO MEET EXISTING BACK OF SIDEWALK. PRESERVE AND PROTECT EXISTING SIDEWALK.
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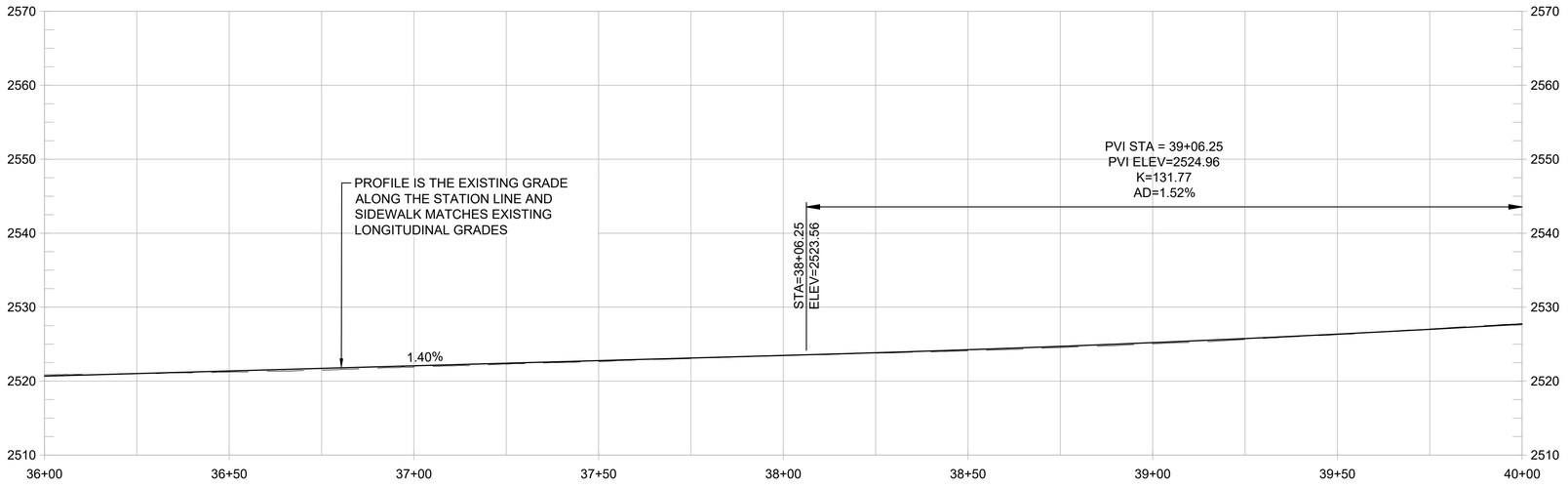
9. INTEGRATE COLOR PAVING. (1/1.4)
10. PROVIDE TRAIL IDENTITY ELEMENT. (2/1.4)
11. INSTALL INTERPRETIVE ELEMENT. (2/1.6)



PROFILE
1" = 20' HORIZ
1" = 10' VERT

REVISIONS	
DATE	DESCRIPTION

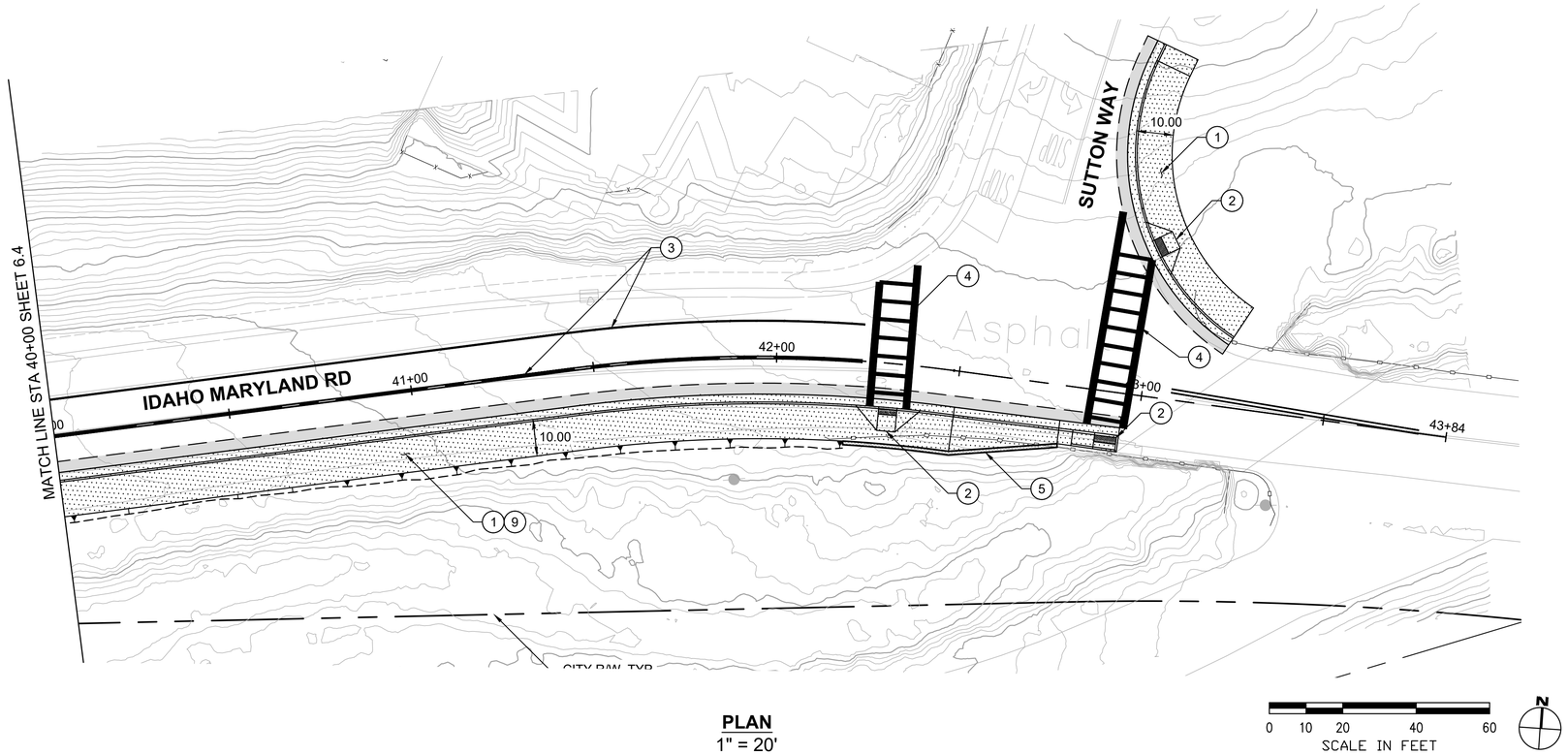
WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 6 - CENTENNIAL DR TO SUTTON WAY

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (36+00 TO 40+00)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
Berkeley, CA 94710
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	6.4
	OF 82



PLAN
1" = 20'

0 10 20 40 60
SCALE IN FEET

N

SHEET GENERAL NOTES:

1. PROFILE IS SHOWN FOR EXISTING GROUND AND FINISHED GRADE ALONG STATION LINE.

CONSTRUCTION NOTES:

1	CONSTRUCT NEW CONC CURB, GUTTER, AND 10-FT WIDE SIDEWALK.	3/1.3
2	CONSTRUCT ADA ACCESSIBLE CURB RAMP WITH DETECTABLE WARNING SURFACE.	
3	REMOVE EXISTING PAVEMENT STRIPING AND RESTRIPE AS SHOWN, TYP	3/1.3
4	INSTALL LADDER TYPE CROSSWALK STRIPING.	
5	CONSTRUCT SHORT FILL RETAINING WALL OR ROCKERY.	1/1.5
6	TRANSITION BACK OF SIDEWALK TO MEET EXISTING BACK OF SIDEWALK. PRESERVE AND PROTECT EXISTING SIDEWALK.	
7	REMOVE EXISTING CURB AND GUTTER. CONSTRUCT NEW CONC SIDEWALK BETWEEN REMAINING SIDEWALK AND PROPOSED CURB AND GUTTER. PRESERVE AND PROTECT EXISTING SIDEWALK.	
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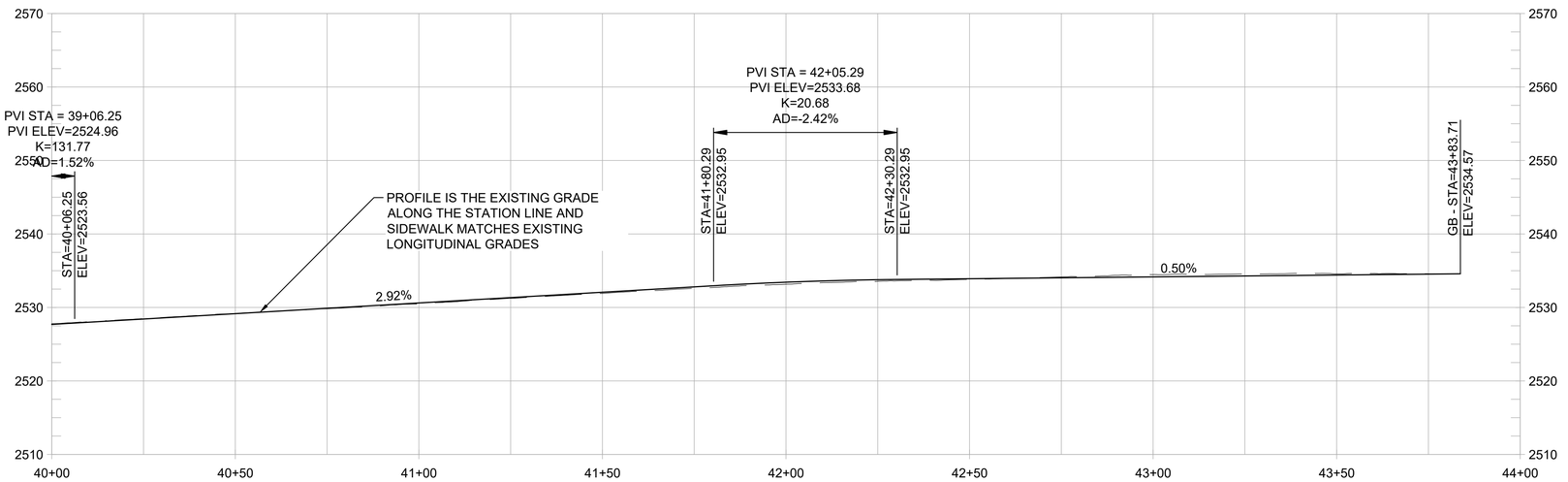
9	INTEGRATE COLOR PAVING.	1/1.4
10	PROVIDE TRAIL IDENTITY ELEMENT.	2/1.4
11	INSTALL INTERPRETIVE ELEMENT.	2/1.6



PROFILE
1" = 20' HORIZ
1" = 10' VERT

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 6 - CENTENNIAL DR TO SUTTON WAY

PRELIMINARY IMPROVEMENT PLANS | PLAN & PROFILE (40+00 TO 43+84)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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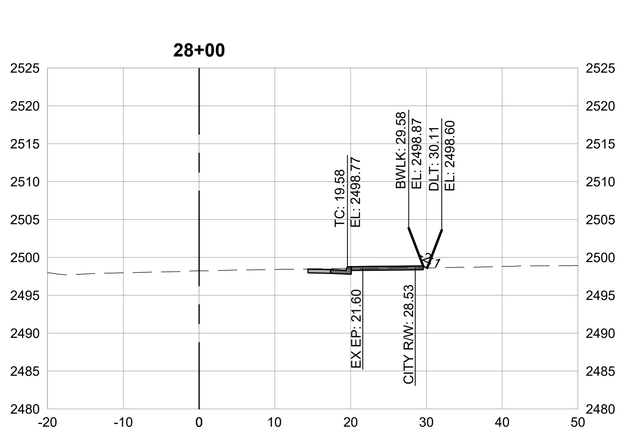
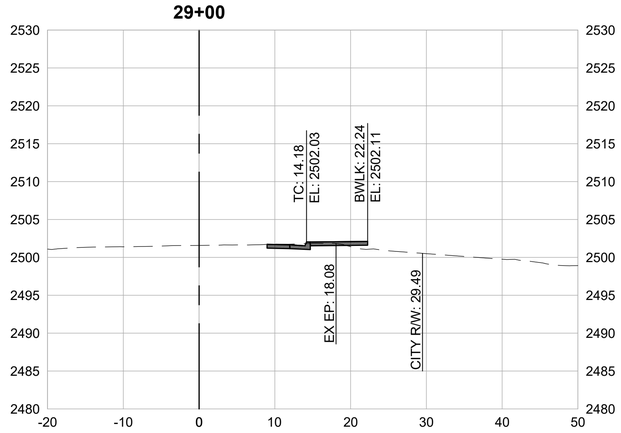
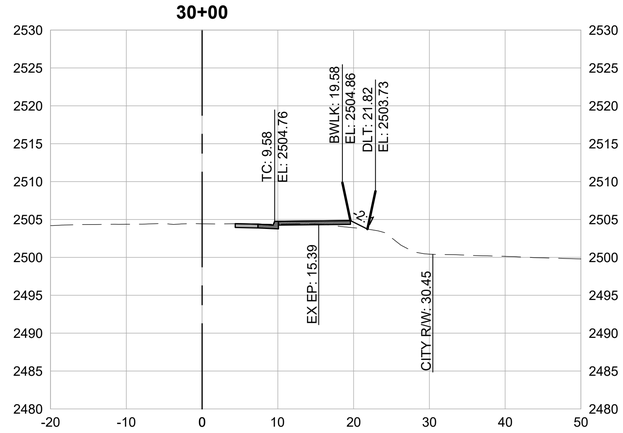
www.restorationdesigngroup.com

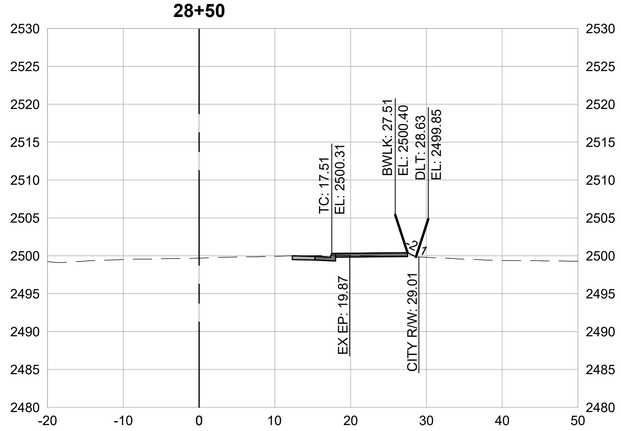
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

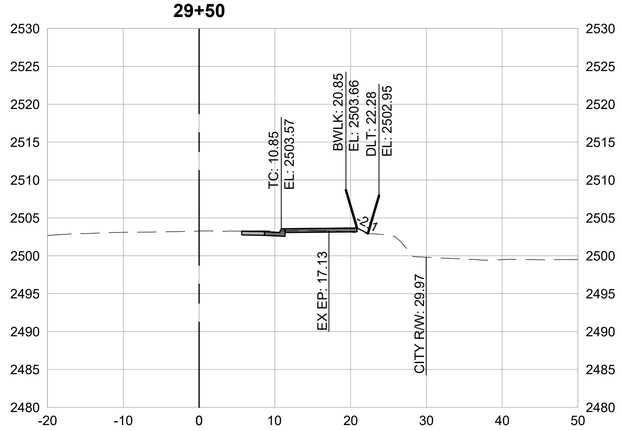
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 20'
DATE	MARCH 16, 2023
SHEET	6.5
	OF 82

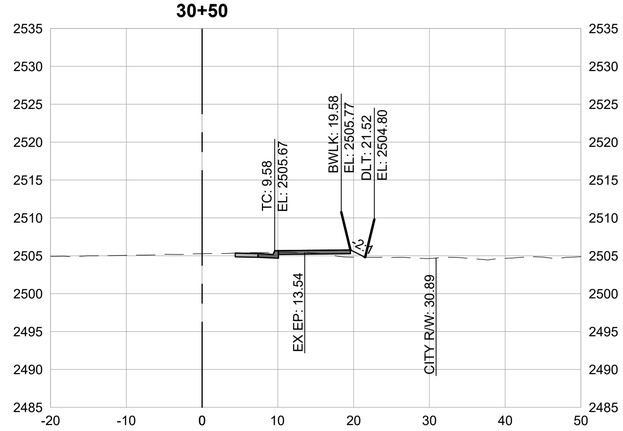












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 6 - CENTENNIAL DR TO SUTTON WAY

PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (28+00 TO 30+50)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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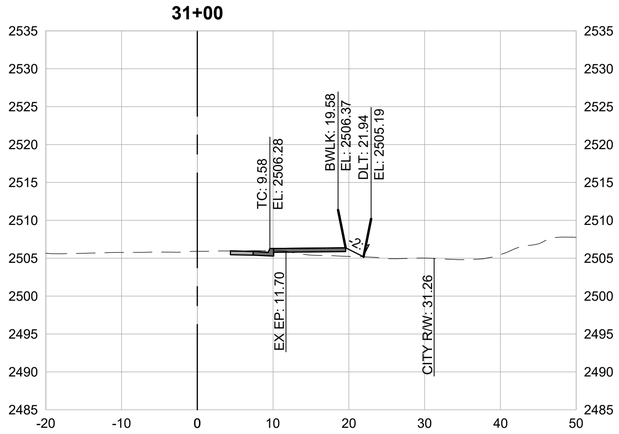
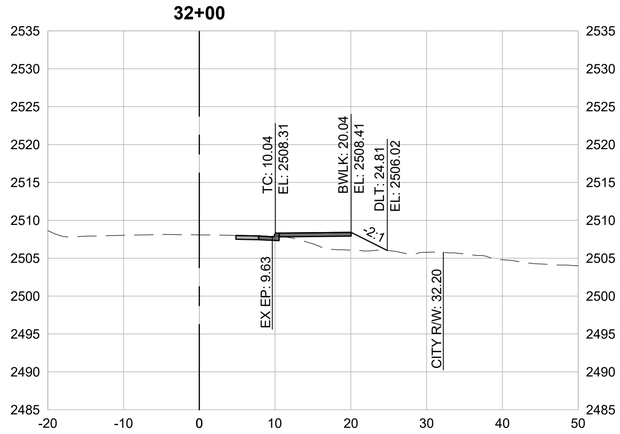
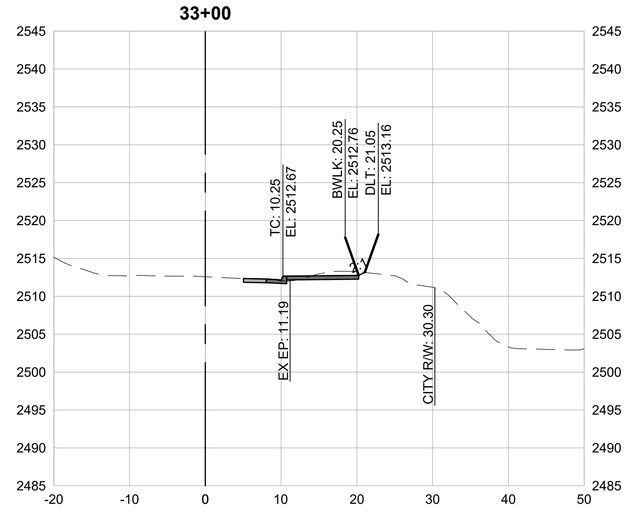
T 510.644.2798 F 510.644.2799
www.restorationdesigngroup.com

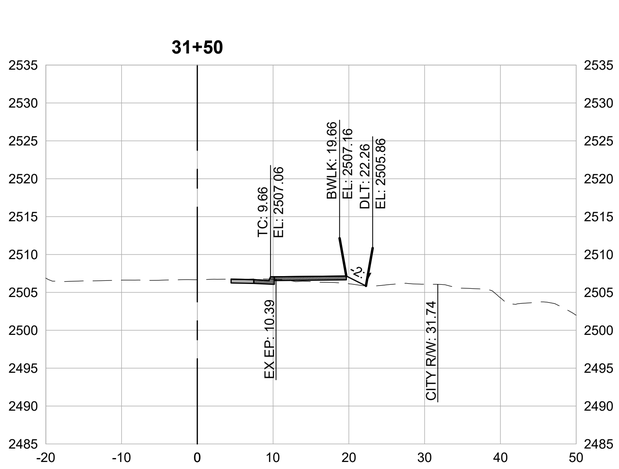
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

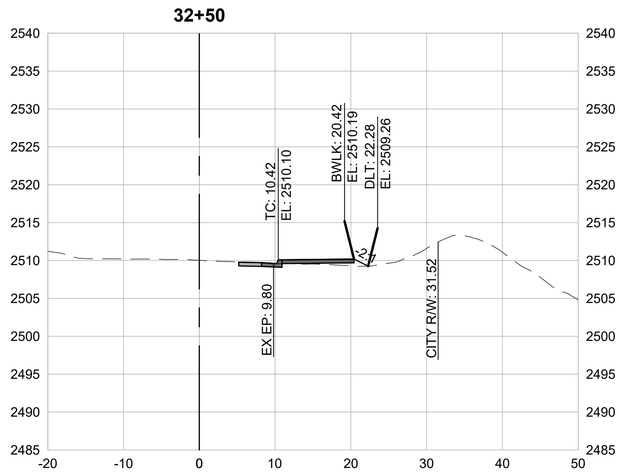
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	6.6
	OF 82

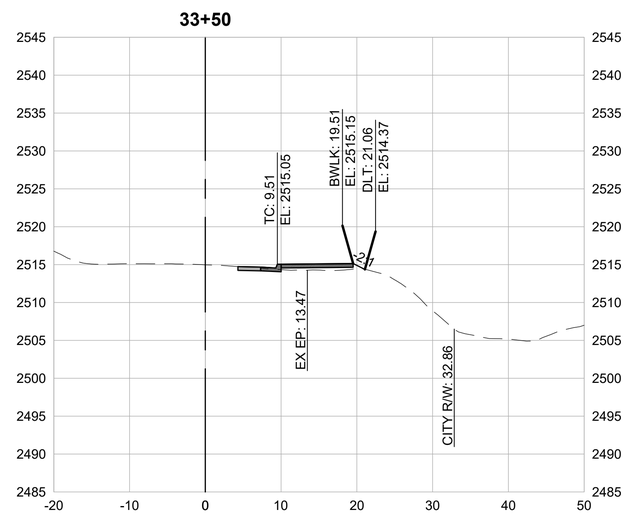












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 6 - CENTENNIAL DR TO SUTTON WAY
PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (31+00 TO 33+50)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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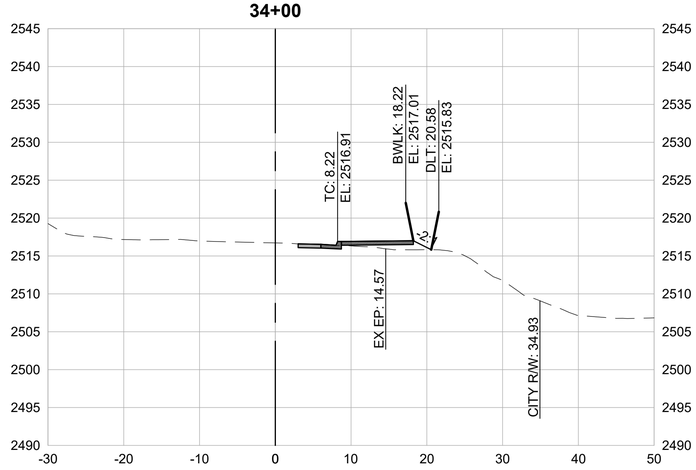
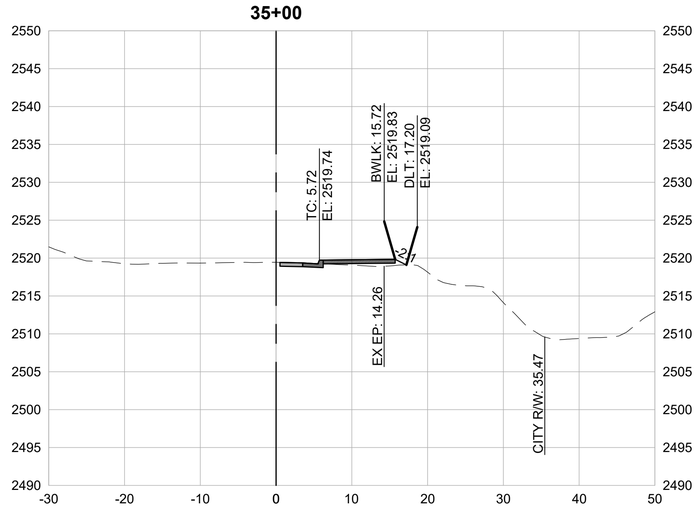
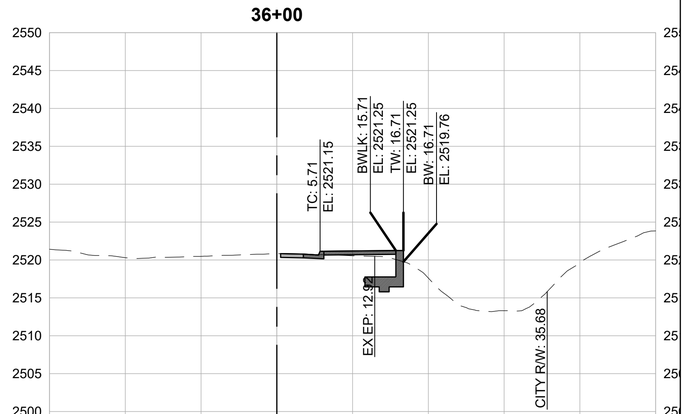
www.restorationdesigngroup.com

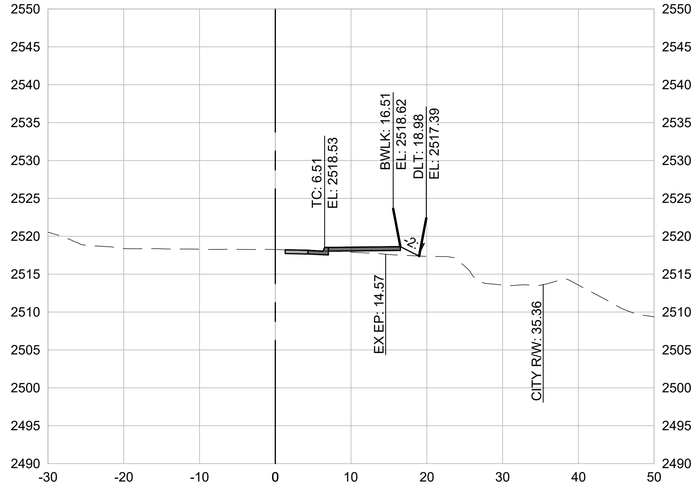
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

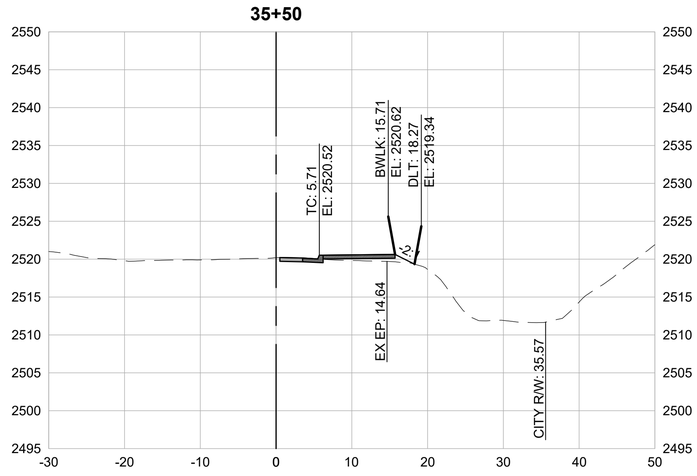
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	6.7
	OF 82

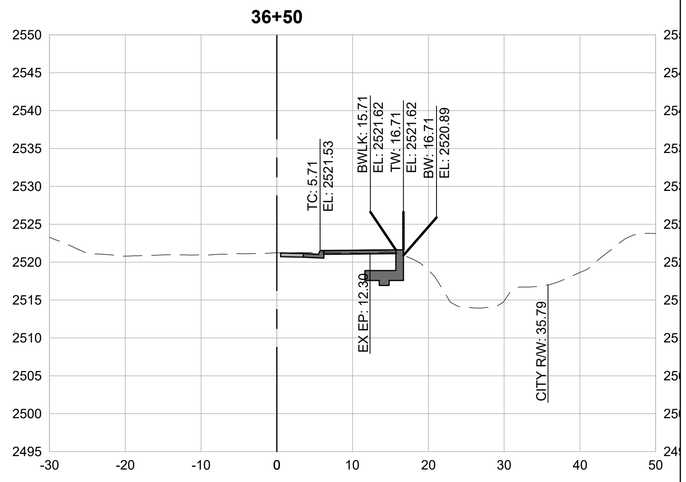












0 5 10 20 30
SCALE IN FEET

CROSS SECTIONS
1" = 10'

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 6 - CENTENNIAL DR TO SUTTON WAY
PRELIMINARY IMPROVEMENT PLANS

CROSS SECTION (34+00 TO 36+50)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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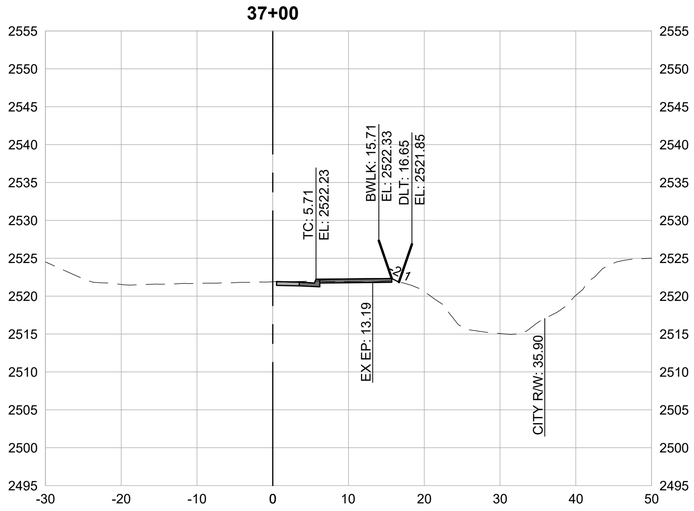
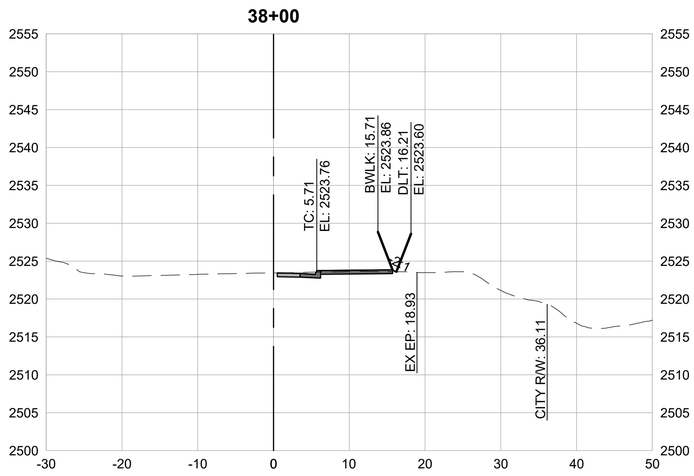
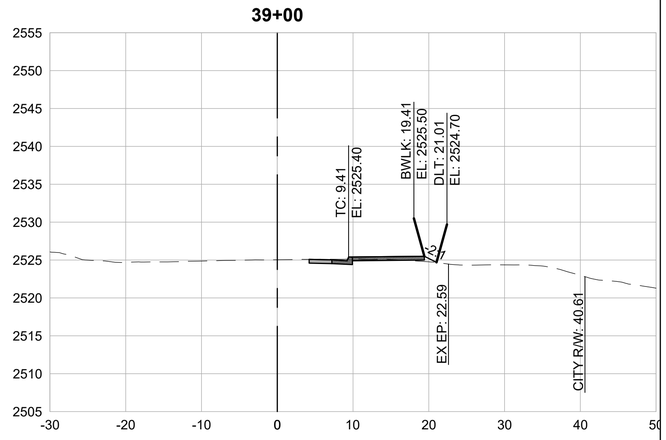
www.restorationdesigngroup.com

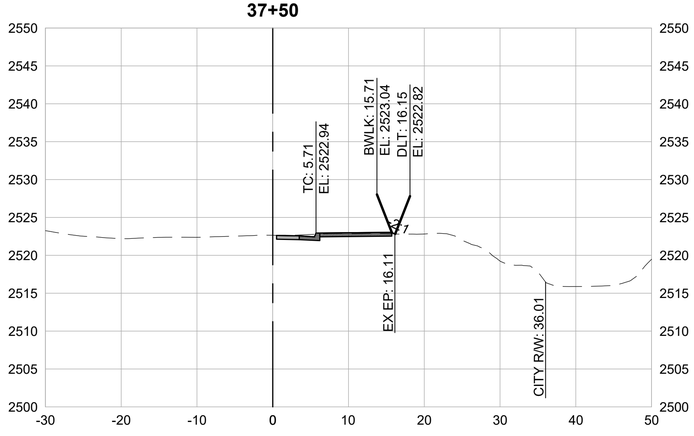
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

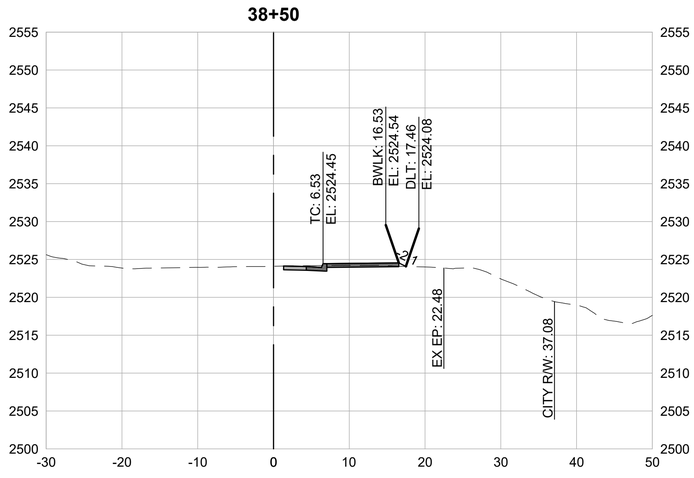
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	6.8
	OF 82

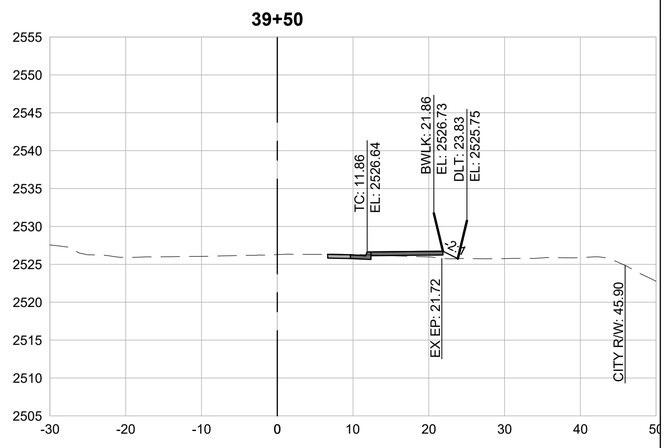












CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 6 - CENTENNIAL DR TO SUTTON WAY

PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (37+00 TO 39+50)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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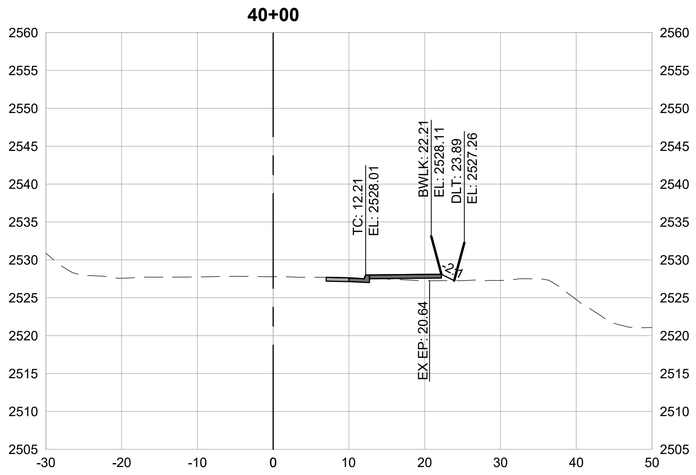
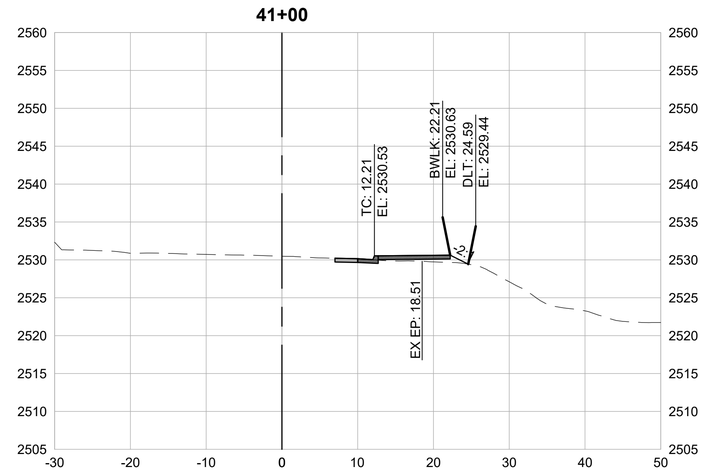
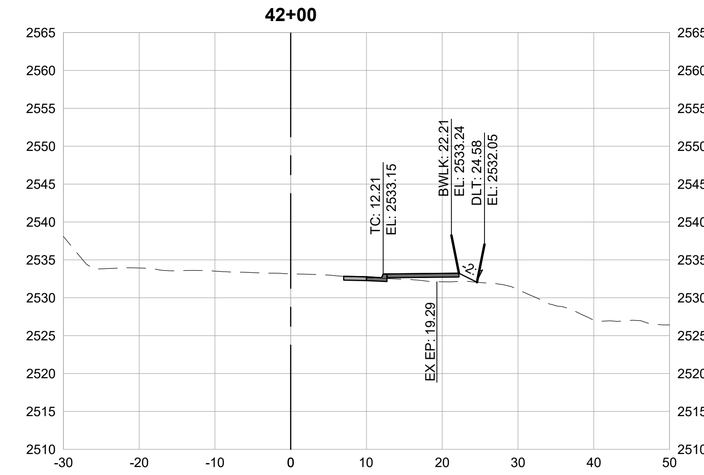
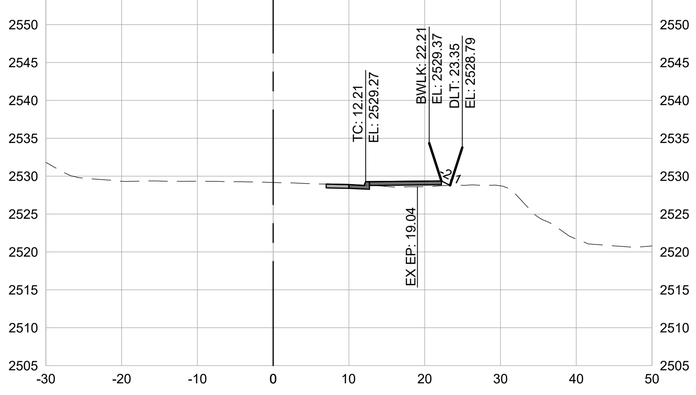
LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

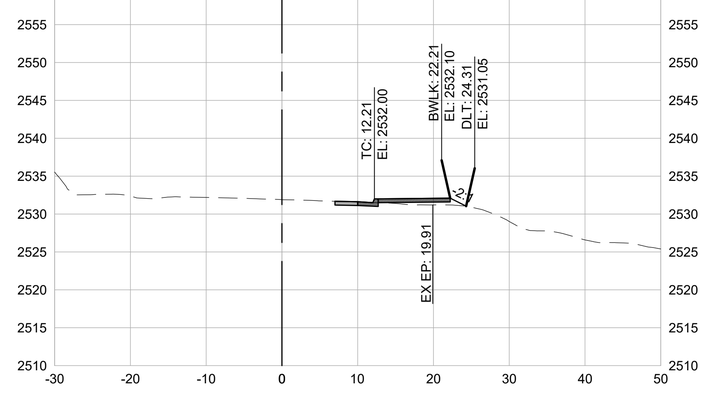
DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	6.9
	OF 82











CROSS SECTIONS
1" = 10'

0 5 10 20 30
SCALE IN FEET

REVISIONS	
DATE	DESCRIPTION

WOLF CREEK TRAIL - CITY OF GRASS VALLEY
SEGMENT 6 - CENTENNIAL DR TO SUTTON WAY

PRELIMINARY IMPROVEMENT PLANS | CROSS SECTION (40+00 TO 42+00)

Restoration Design Group, Inc.
2332 Fifth Street, Suite C
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LICENSED PROFESSIONAL ENGINEER
MATTHEW J THOMAS
C 79249
CIVIL
STATE OF CALIFORNIA

DESIGN BY	MT, ES
DRAWN BY	MT, ES, JH
CHECKED BY	MT
SCALE	1" = 10'
DATE	MARCH 16, 2023
SHEET	6.10
	OF 82