

ROYS REDWOODS OPEN SPACE PRESERVE

MARIN COUNTY

FINAL SCHEMATIC DESIGN MARCH 31, 2020

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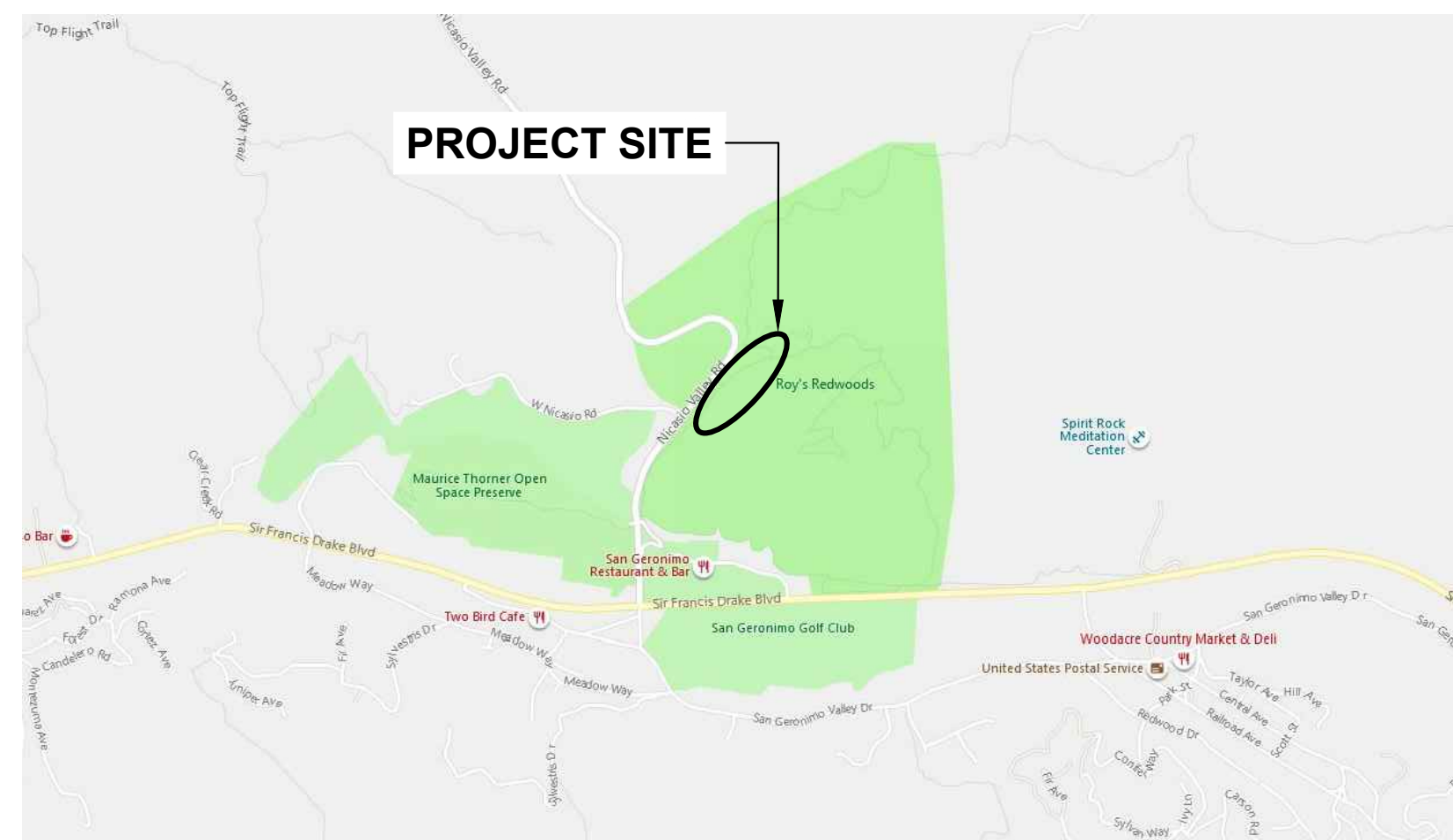
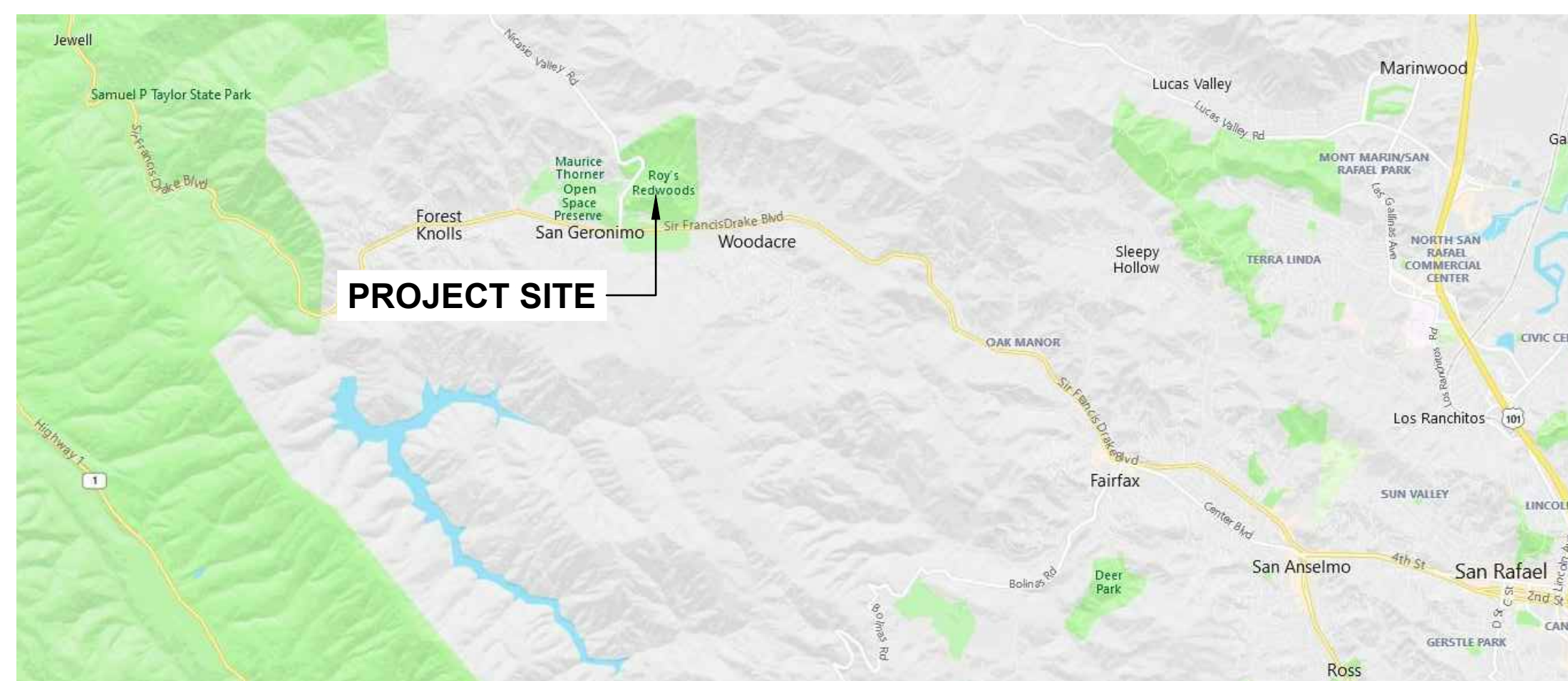
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PROJECT LOCATION:

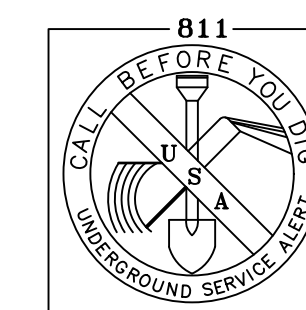


SHEET LIST TABLE

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ABBREVIATIONS

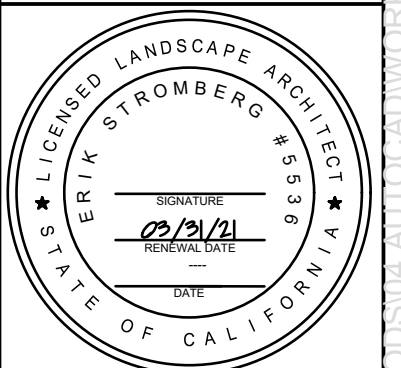
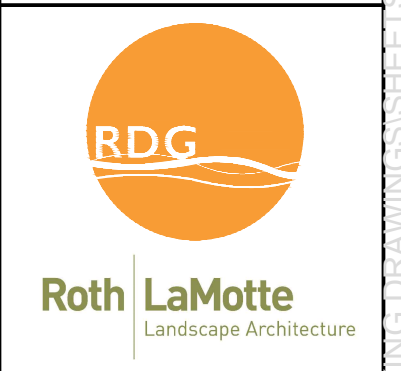
- CLR CLEAR
- C CENTERLINE
- (E) EXISTING
- GB GRADE BREAK
- PP PRESERVE AND PROTECT
- TYP. TYPICAL



2 WORKING DAYS
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REVISIONS	
DATE	DESCRIPTION

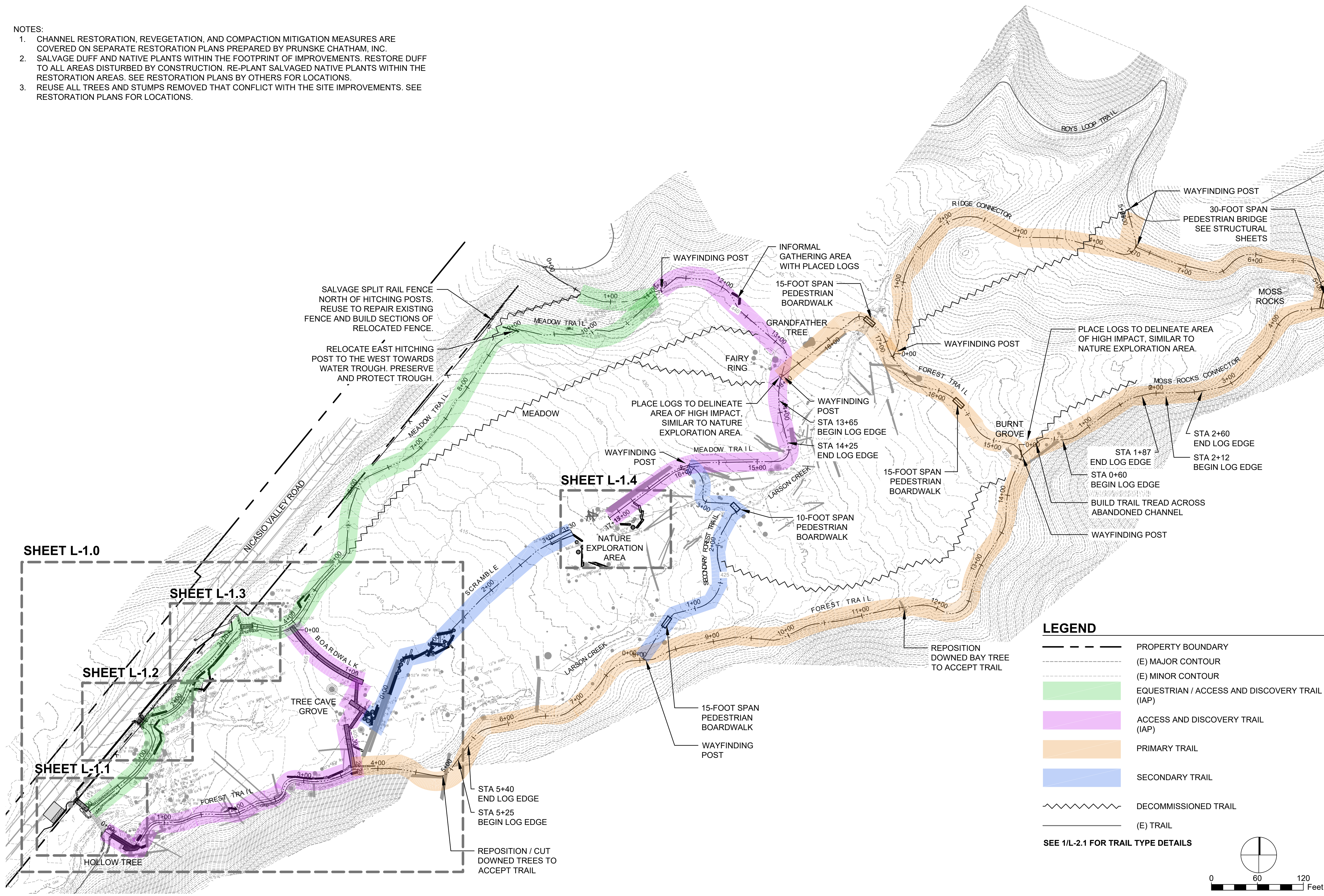
PROJECT TITLE
ROYS REDWOODS OPEN SPACE PRESERVE
 VISITOR ACCESS AND PUBLIC ENGAGEMENT
 SHEET TITLE
 COVER SHEET
 DESIGN PHASE
 FINAL SCHEMATIC DESIGN



DESIGN BY	ES,GR
DRAWN BY	ES,KB
CHECKED BY	ES
SCALE	NTS
DATE	MARCH 31, 2020
SHEET	T-1

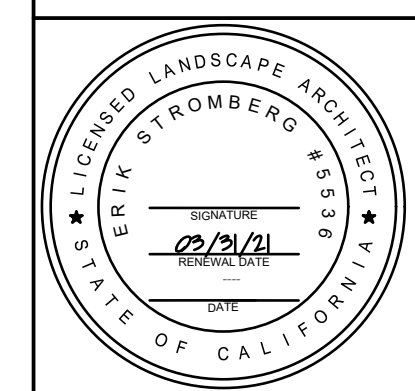
NOTES:

1. CHANNEL RESTORATION, REVEGETATION, AND COMPACTION MITIGATION MEASURES ARE COVERED ON SEPARATE RESTORATION PLANS PREPARED BY PRUNSKE CHATHAM, INC.
2. SALVAGE DUFF AND NATIVE PLANTS WITHIN THE FOOTPRINT OF IMPROVEMENTS. RESTORE DUFF TO ALL AREAS DISTURBED BY CONSTRUCTION. RE-PLANT SALVAGED NATIVE PLANTS WITHIN THE RESTORATION AREAS. SEE RESTORATION PLANS BY OTHERS FOR LOCATIONS.
3. REUSE ALL TREES AND STUMPS REMOVED THAT CONFLICT WITH THE SITE IMPROVEMENTS. SEE RESTORATION PLANS FOR LOCATIONS.

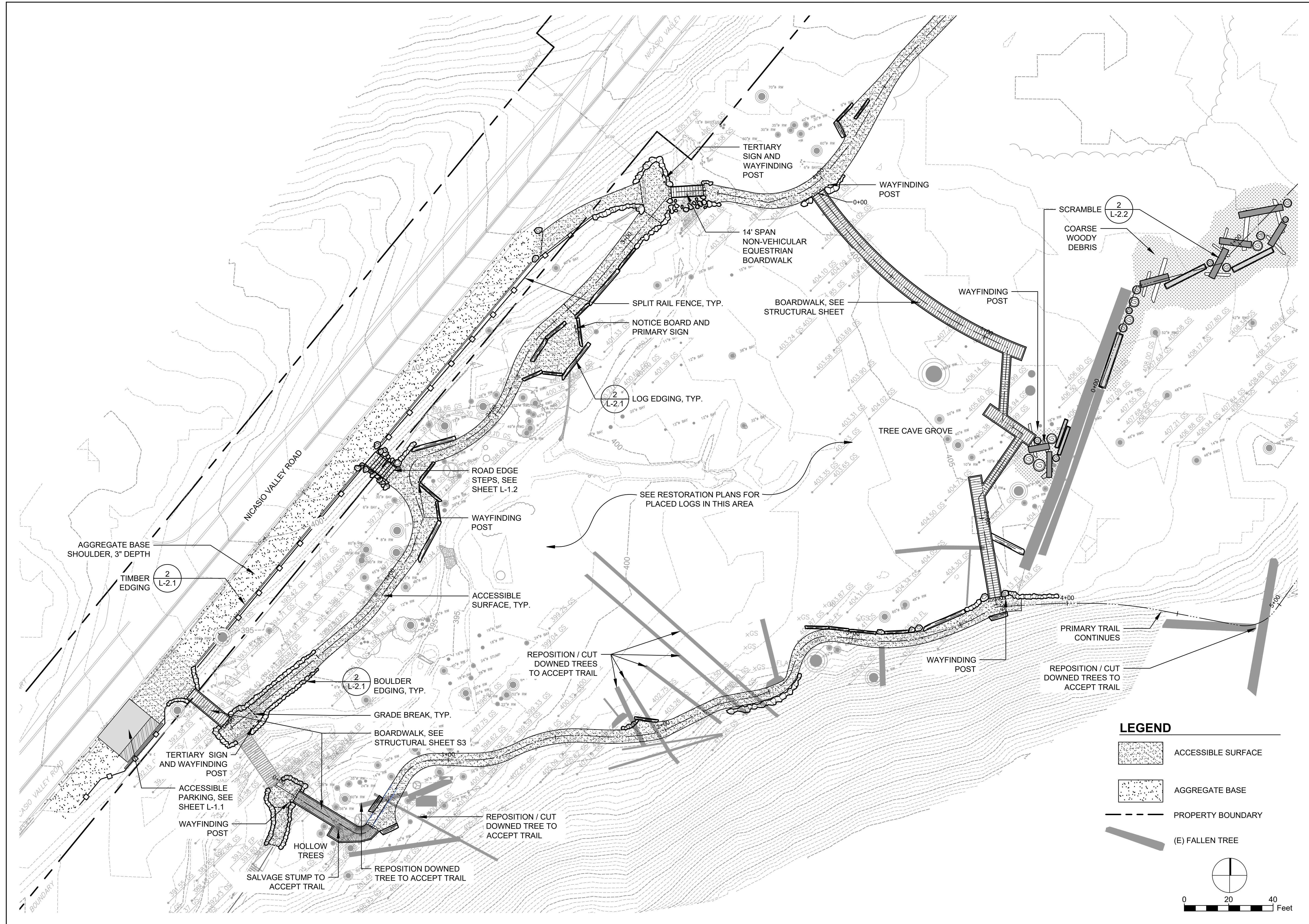


REVISIONS	
DATE	DESCRIPTION

PROJECT TITLE
ROYS REDWOODS OPEN SPACE PRESERVE
 VISITOR ACCESS AND PUBLIC ENGAGEMENT
 SHEET TITLE
 OVERVIEW
 DESIGN PHASE
 FINAL SCHEMATIC DESIGN



DESIGN BY ES,GR
 DRAWN BY ES,KB
 CHECKED BY ES
 SCALE 1" = 60'-0"
 DATE MARCH 31, 2020
 SHEET

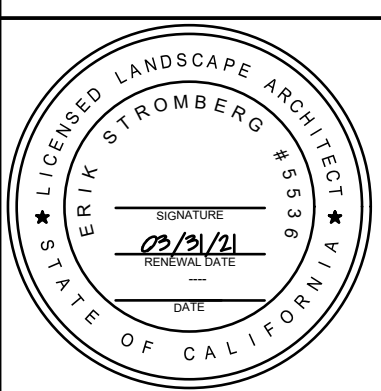


REVISIONS	
DATE	DESCRIPTION

PROJECT TITLE
ROYS REDWOODS OPEN SPACE PRESERVE
 VISITOR ACCESS AND PUBLIC ENGAGEMENT

SHEET TITLE
ACCESSIBLE LOOP

DESIGN PHASE
FINAL SCHEMATIC DESIGN



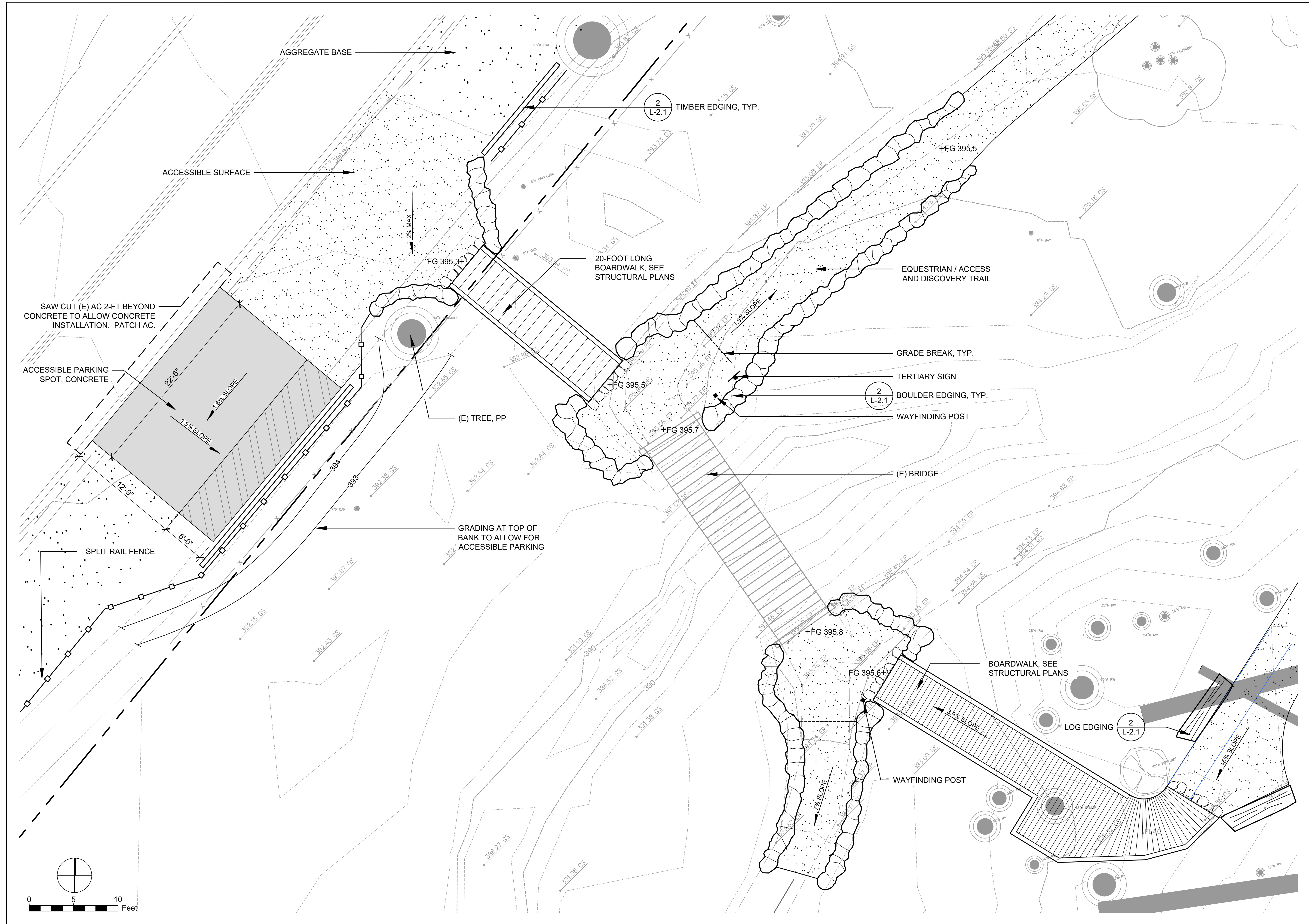
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 SCALE 1" = 20'-0"
 DATE MARCH 31, 2020
 SHEET

L-1.0
 OF 17

LEGEND

- ACCESSIBLE SURFACE
- AGGREGATE BASE
- PROPERTY BOUNDARY
- (E) FALLEN TREE

0 20 40 Feet

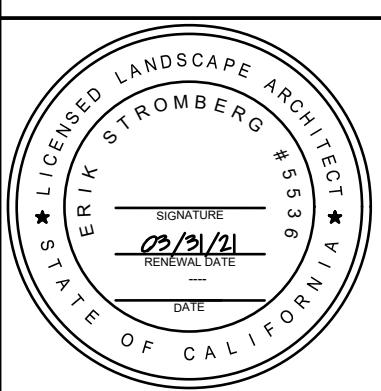


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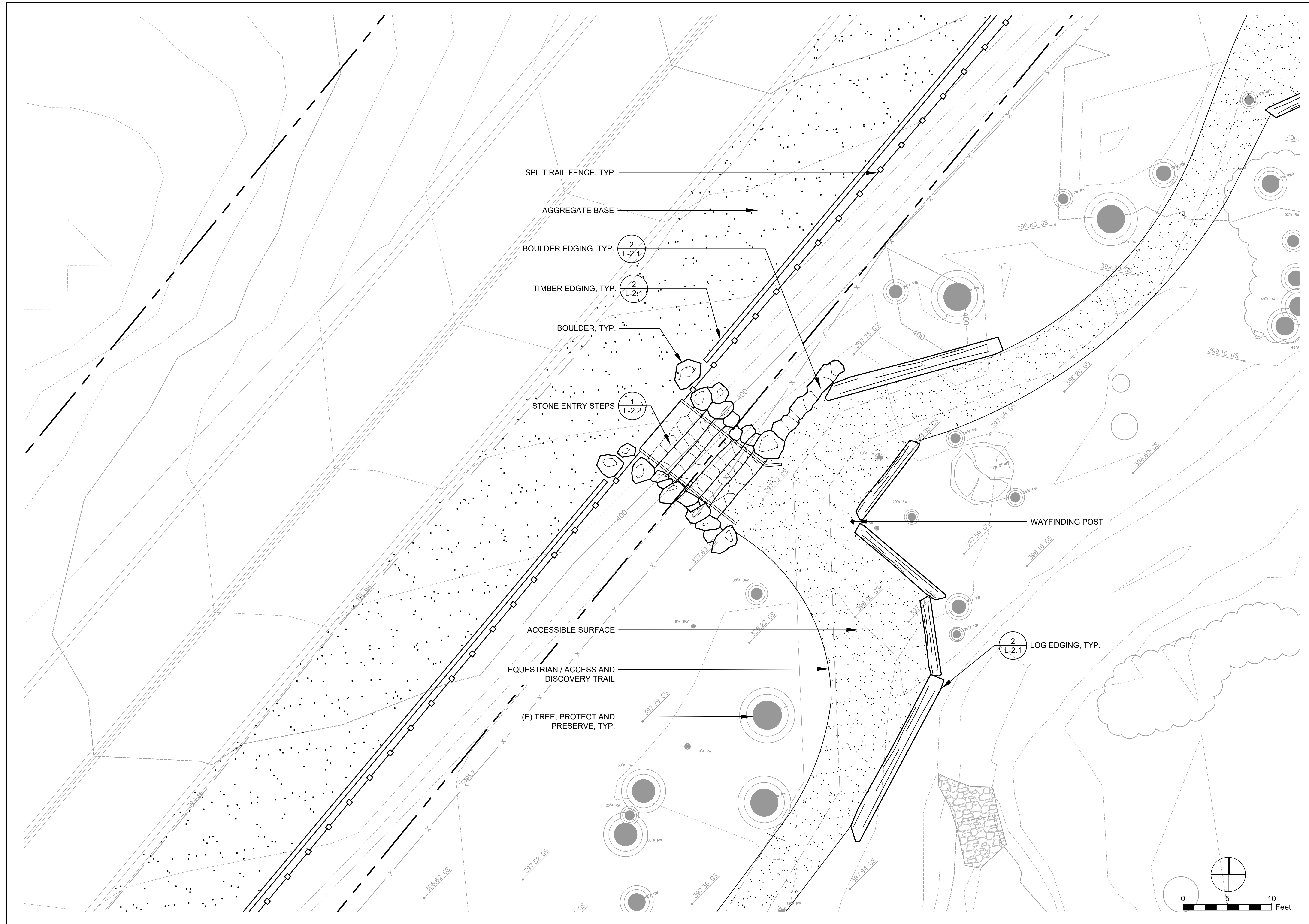
PROJECT TITLE
ROYS REDWOODS OPEN SPACE PRESERVE
 VISITOR ACCESS AND PUBLIC ENGAGEMENT

SHEET TITLE
 ACCESSIBLE PARKING AND ENTRY

DESIGN PHASE
 FINAL SCHEMATIC DESIGN



DESIGN BY	ES,GR
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SCALE	1" = 20'-0"
DATE	MARCH 31, 2020
SHEET	L-1.1

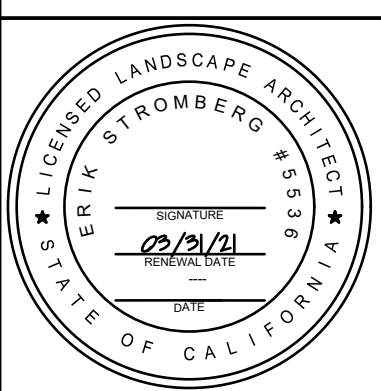


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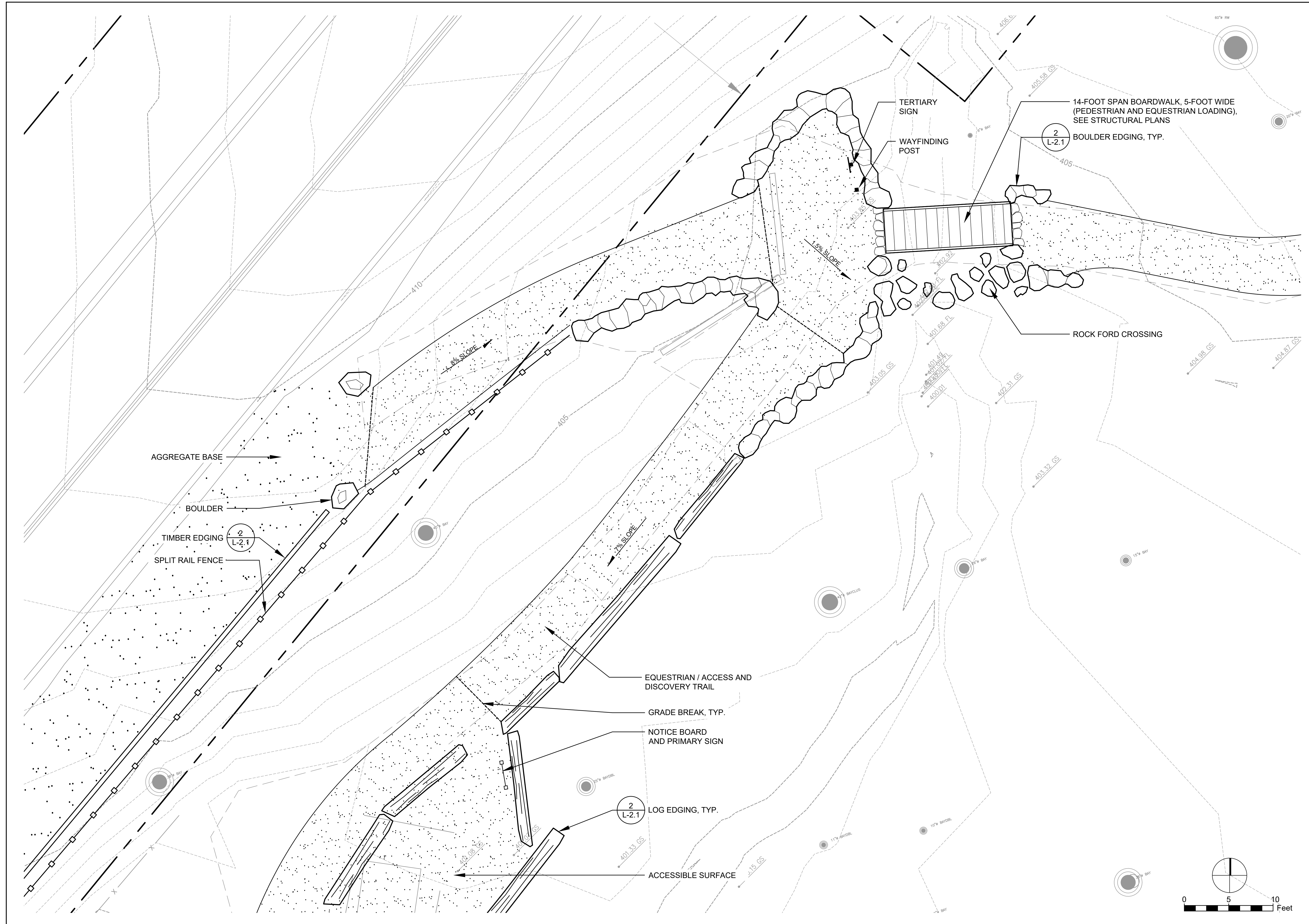
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ROYS REDWOODS OPEN SPACE PRESERVE
 VISITOR ACCESS AND PUBLIC ENGAGEMENT

DESIGN PHASE
 FINAL SCHEMATIC DESIGN

SHEET TITLE
 ROAD EDGE STEPS



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SCALE	1" = 20'-0"
DATE	MARCH 31, 2020
SHEET	L-1.2

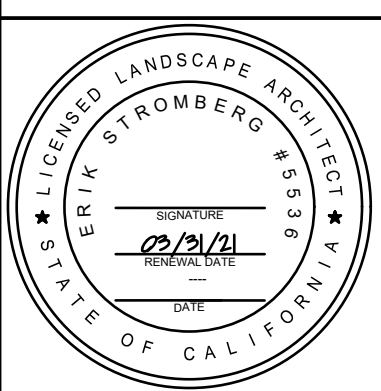


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PROJECT TITLE
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 VISITOR ACCESS AND PUBLIC ENGAGEMENT

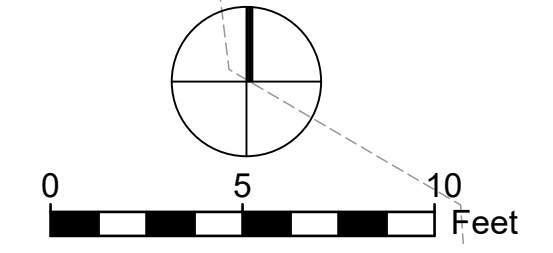
DESIGN PHASE
 FINAL SCHEMATIC DESIGN

SHEET TITLE
 NORTH ENTRY



DESIGN BY	ES,GR
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CHECKED BY	ES
SCALE	1" = 20'-0"
DATE	MARCH 31, 2020
SHEET	

L-1.3
 OF 17

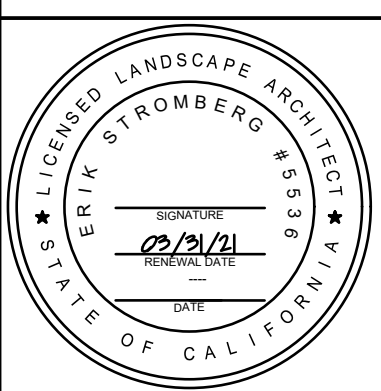


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PROJECT TITLE
ROY'S REDWOODS OPEN SPACE PRESERVE
 VISITOR ACCESS AND PUBLIC ENGAGEMENT

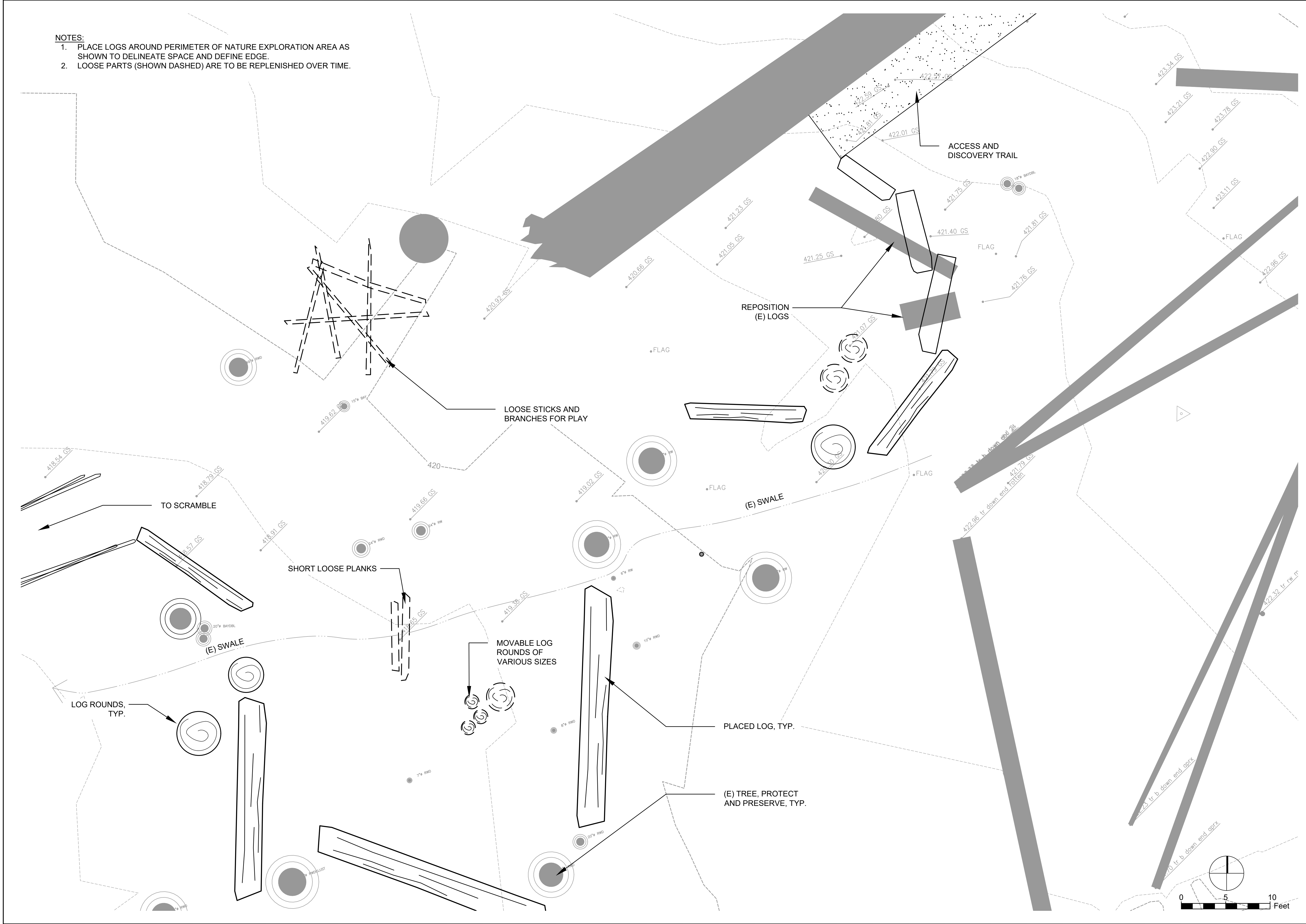
DESIGN PHASE
FINAL SCHEMATIC DESIGN

SHEET TITLE
 NATURE EXPLORATION AREA

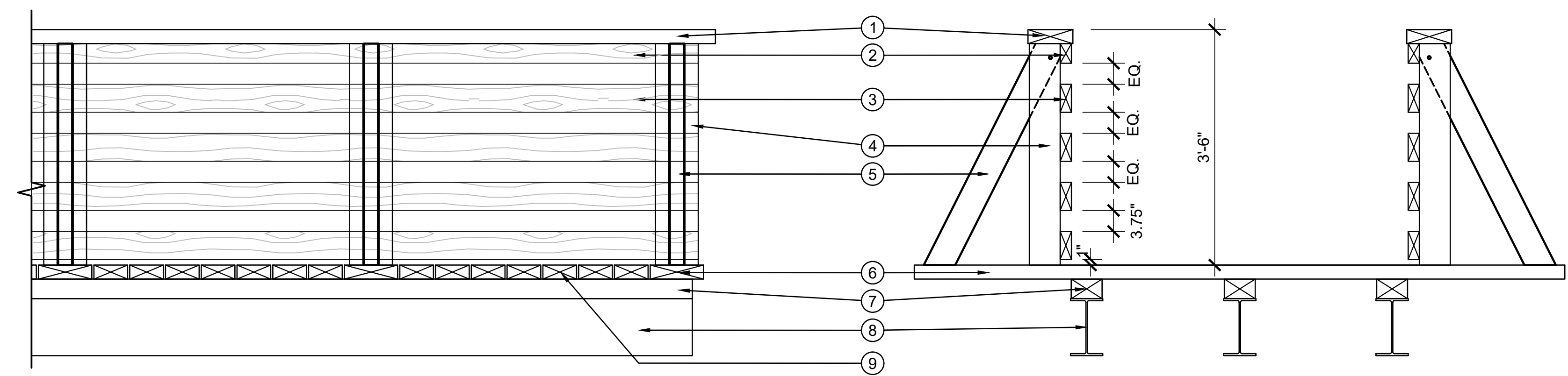


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L-1.4
 OF 17

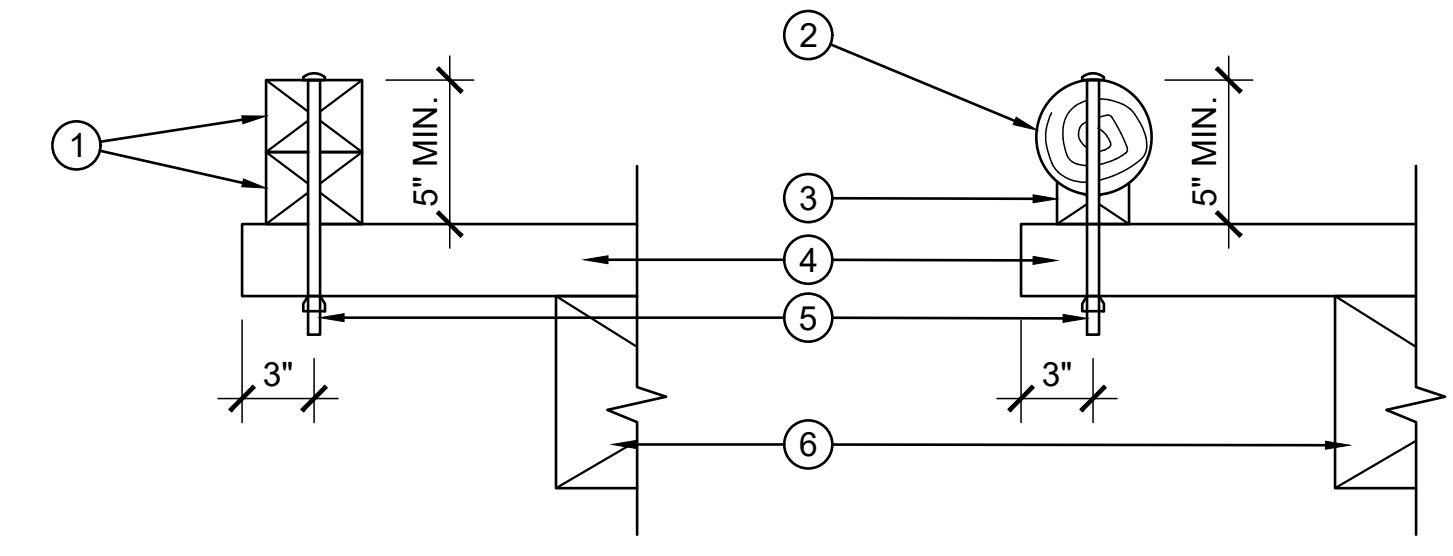


NOTES:
 1. PLACE LOGS AROUND PERIMETER OF NATURE EXPLORATION AREA AS SHOWN TO DELINEATE SPACE AND DEFINE EDGE.
 2. LOOSE PARTS (SHOWN DASHED) ARE TO BE REPLENISHED OVER TIME.



1 WOOD GUARDRAIL ON FOOTBRIDGE
SCALE: NTS

- ① 3X4 RECLAIMED REDWOOD CURB AND BLOCKING
- ② 4"Ø MIN. REDWOOD BRANCH
- ③ 2X3 RECLAIMED REDWOOD BLOCKING
- ④ 3X DECKING
- ⑤ 1/2"Ø CARRIAGE BOLT
- ⑥ RECLAIMED REDWOOD BOARDWALK BEAM



SECTION - TYPE 1 SECTION - TYPE 2
2 EDGE PROTECTION
SCALE: NTS

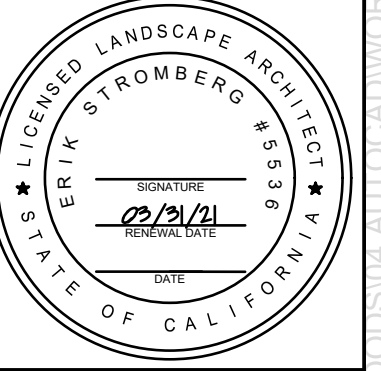
- ① 3X8 RECLAIMED REDWOOD CAP
- ② 2X4 RECLAIMED REDWOOD RAIL
- ③ 2X5 RECLAIMED REDWOOD RAIL, TYP U.O.N
- ④ 3X6 RECLAIMED REDWOOD POST
- ⑤ 2.5 X 5 RECLAIMED REDWOOD BRACE
- ⑥ 3X10 RECLAIMED REDWOOD DECKING AT POSTS
- ⑦ WOOD NAILER
- ⑧ STEEL BRIDGE BEAMS
- ⑨ 3X6 RECLAIMED REDWOOD DECKING

REVISIONS	
DATE	DESCRIPTION

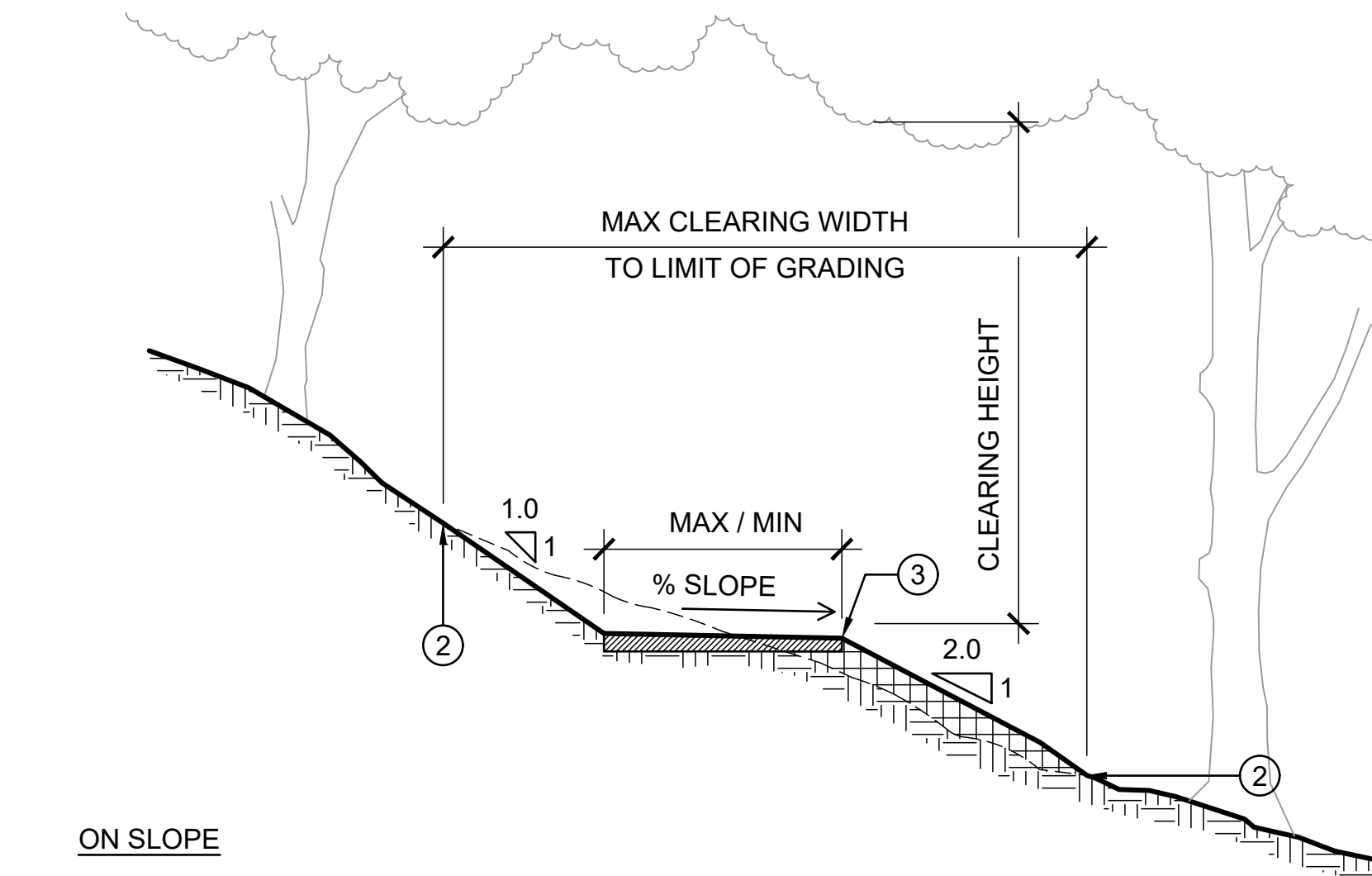
PROJECT TITLE
ROYS REDWOODS OPEN SPACE PRESERVE
VISITOR ACCESS AND PUBLIC ENGAGEMENT

DESIGN PHASE
FINAL SCHEMATIC DESIGN

SHEET TITLE
CONSTRUCTION DETAILS



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SCALE AS NOTED
DATE MARCH 31, 2020
SHEET

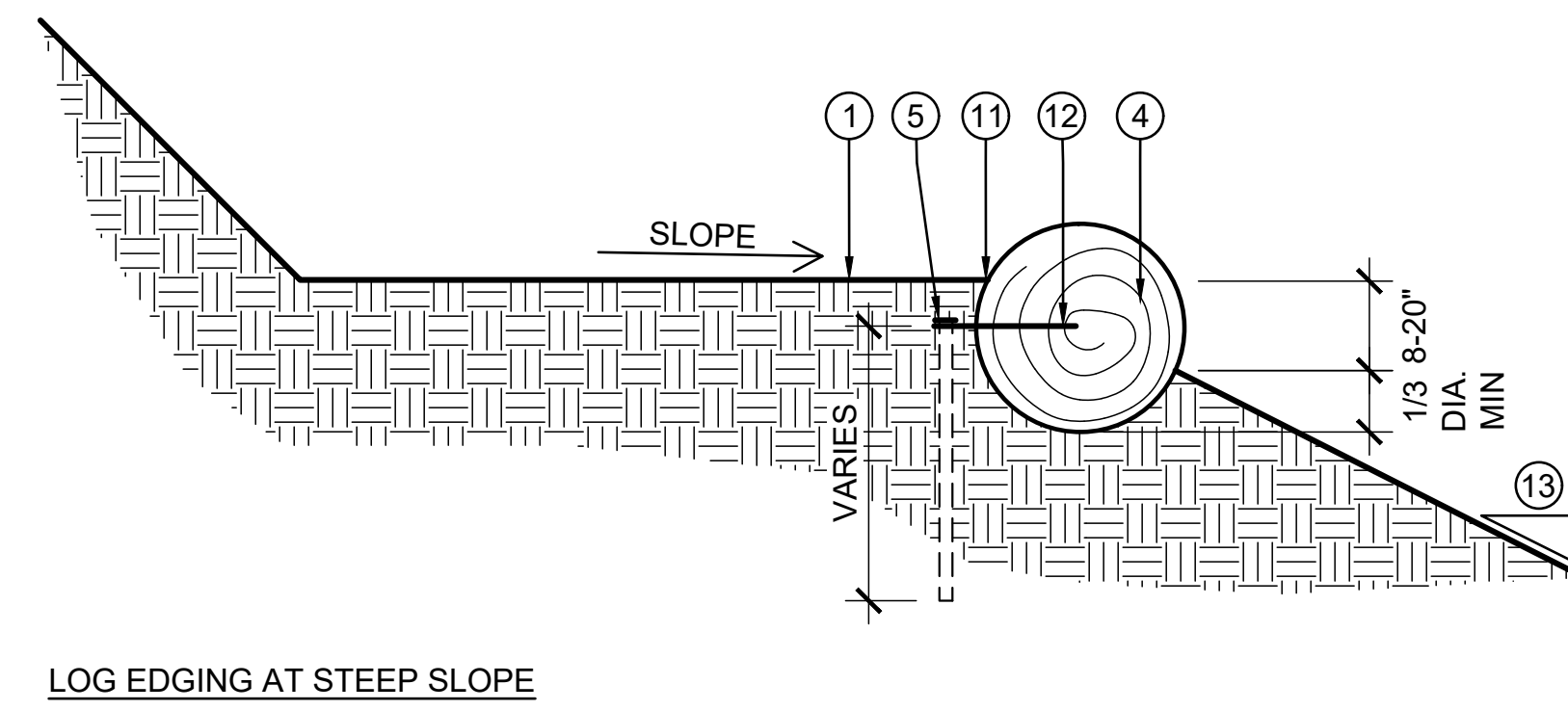


- ① DUFF, RE-PLACE SALVAGED DUFF, TO LIMIT OF DISTURBANCE, 3" MIN DEPTH
- ② LIMIT OF GRADING
- ③ EDGE CONDITION (NOT SHOWN), DTL 2 / L-2.1

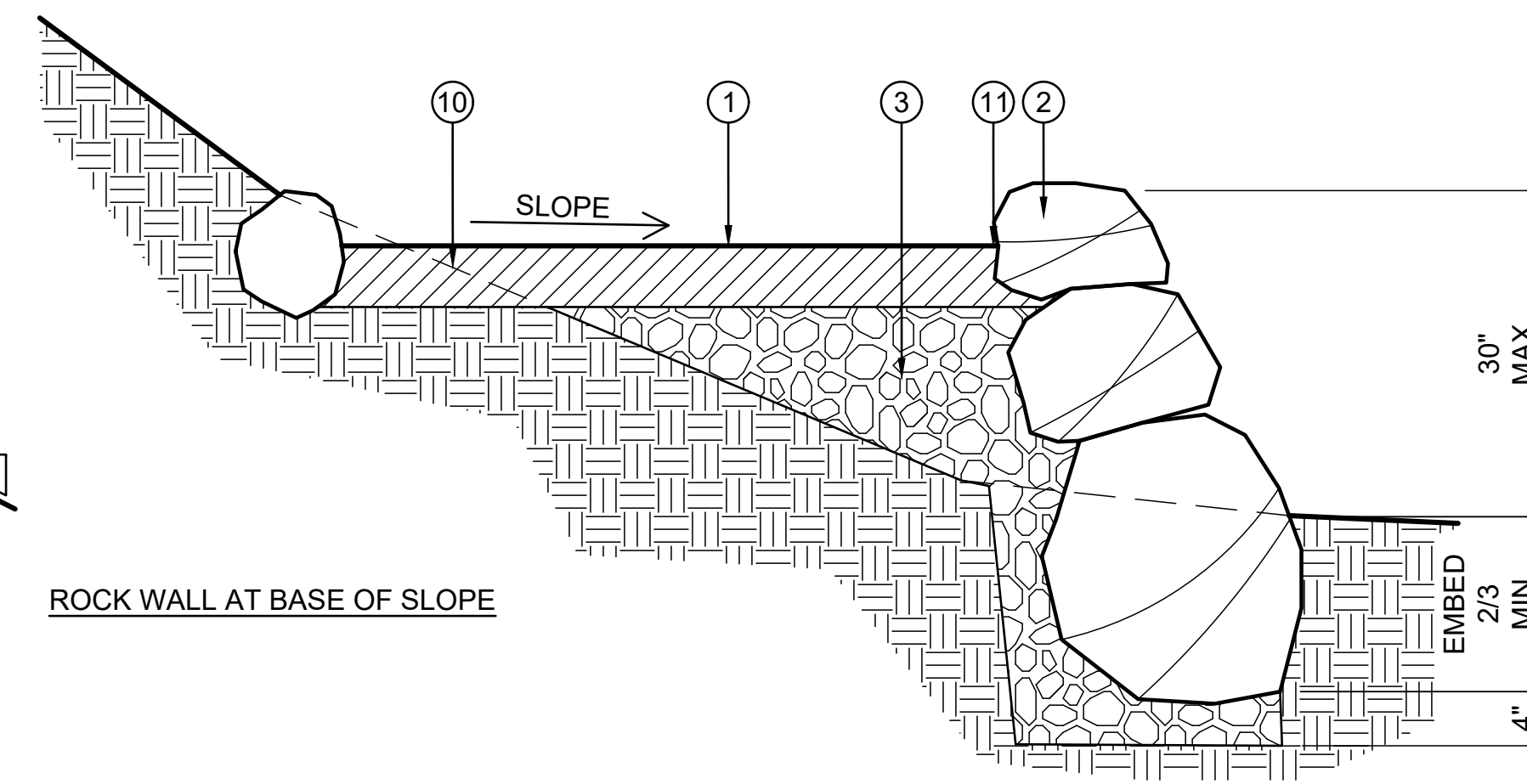
TRAIL TABLE

TRAIL TYPE	TREAD MATERIAL	MAX WIDTH	MIN WIDTH	CROSS SLOPE	CLEARING HEIGHT	MIN. CLEARING WIDTH
ACCESS AND DISCOVERY	PARK TREAD OR SIMILAR	6'-0"	4'-0"	2% MAX	8' MIN	6' MIN
EQUESTRIAN	PARK TREAD OR SIMILAR	6'-0"	4'-0"	2% MAX	12' MIN	10' MIN
PRIMARY TRAIL	EARTHEN	4'-0"	2'-0"	5% MAX	8' MIN	4' MIN
SECONDARY TRAIL	EARTHEN	3'-0"	2'-0"	5% MAX	8' MIN	3' MIN

ON SLOPE
1 TRAIL TYPES
 SCALE: NTS

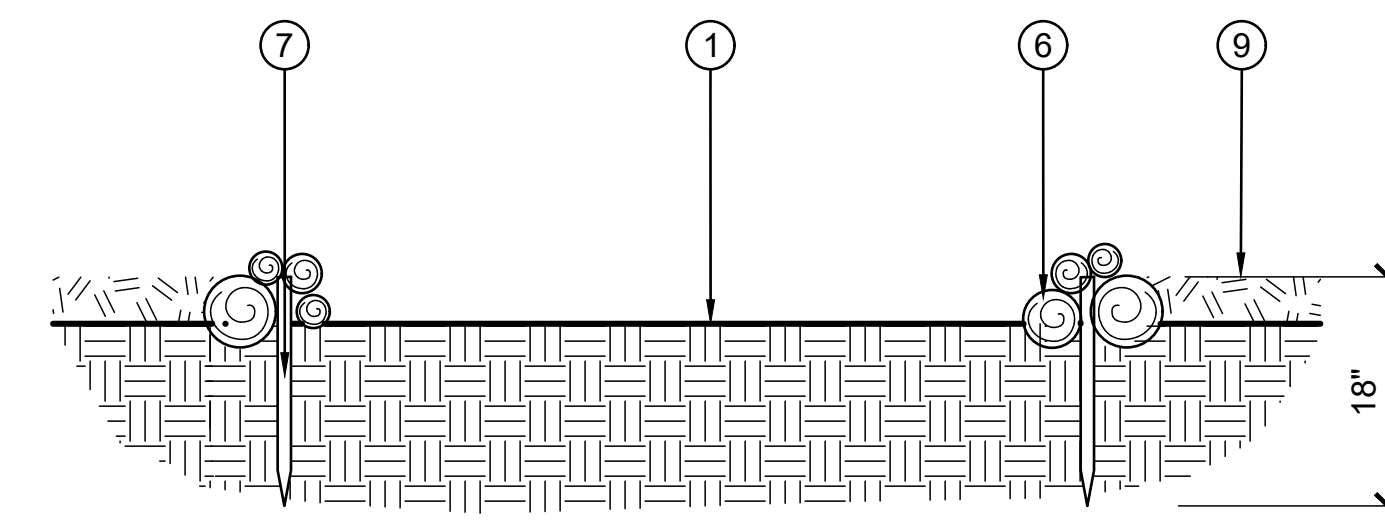


LOG EDGING AT STEEP SLOPE

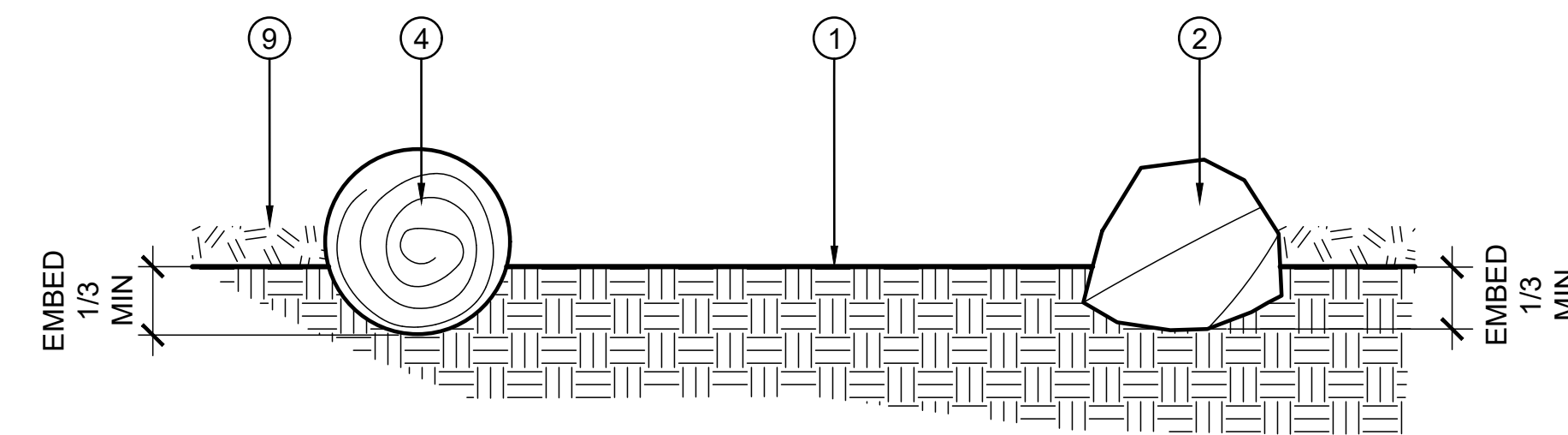


ROCK WALL AT BASE OF SLOPE

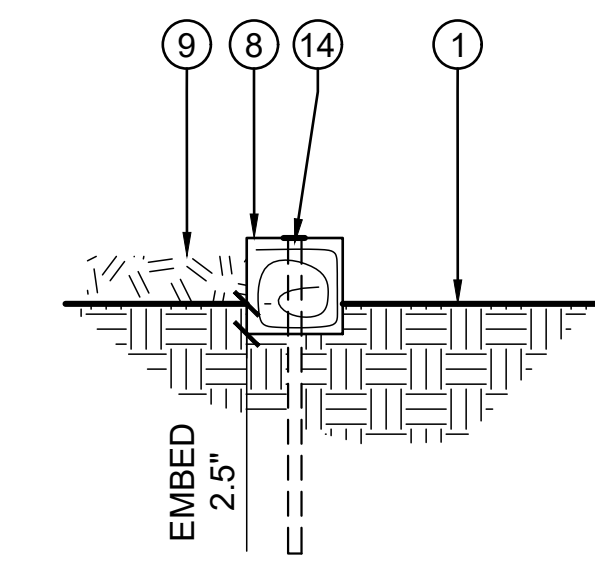
- ① COMPACTED SURFACE
- ② BOULDER, 12" - 30" DIAMETER
- ③ AGGREGATE BASE BACKFILL MATERIAL
- ④ REDWOOD OR BAY LOG, 18" - 42"Ø
- ⑤ REBAR SPIKE, #5 x 48" W/ FLAT CAP 3' O.C.; WHERE DOWNHILL SLOPE FOR LOG EDGING IS STEEPER THAN 2:1 SPACE AT 18" O.C.
- ⑥ FASCINE, (3-5) 2" - 5"Ø BUNDLED STICKS WOUND WITH BRAIDED JUTE TWINE
- ⑦ 2" X 2" WOOD STAKE
- ⑧ 8 X 8 TIMBER
- ⑨ DUFF
- ⑩ EXISTING GRADE
- ⑪ PROVIDE GAPS BETWEEN LOGS/BOULDERS AT TRAIL LOW POINTS AND AS REQUIRED TO PROVIDE POSITIVE DRAINAGE.
- ⑫ LAG EYE BOLT, STAINLESS STEEL, 1/2"Ø x 8" FOR REBAR SPIKE
- ⑬ DOWNHILL SLOPE
- ⑭ REBAR SPIKE, #5 X 24" WITH FLAT CAP 3' O.C.



FASCINE EDGING ON LEVEL GROUND



ROCK AND LOG EDGING ON LEVEL GROUND



TIMBER EDGE ON LEVEL GROUND

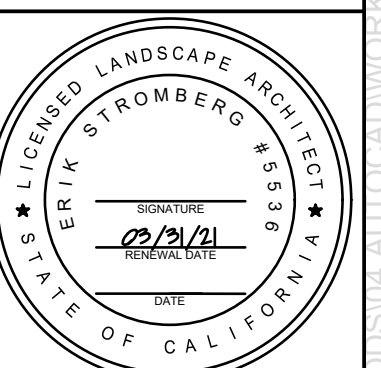
2 EDGING CONDITIONS
 SCALE: NTS

REVISIONS	
DATE	DESCRIPTION

PROJECT TITLE
ROYS REDWOODS OPEN SPACE PRESERVE
 VISITOR ACCESS AND PUBLIC ENGAGEMENT

DESIGN PHASE
 FINAL SCHEMATIC DESIGN

SHEET TITLE
 CONSTRUCTION DETAILS



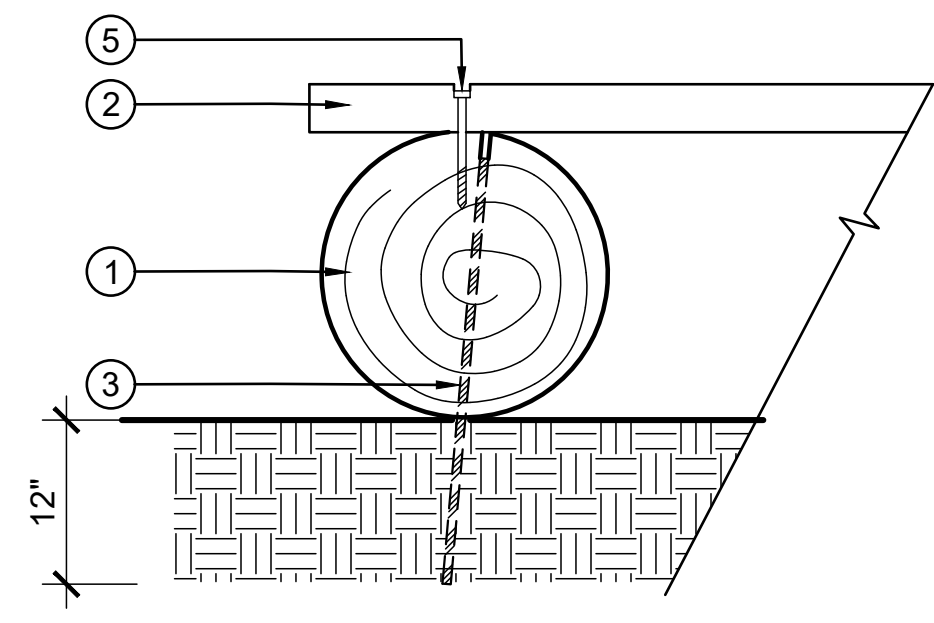
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 DATE MARCH 31, 2020
 SHEET



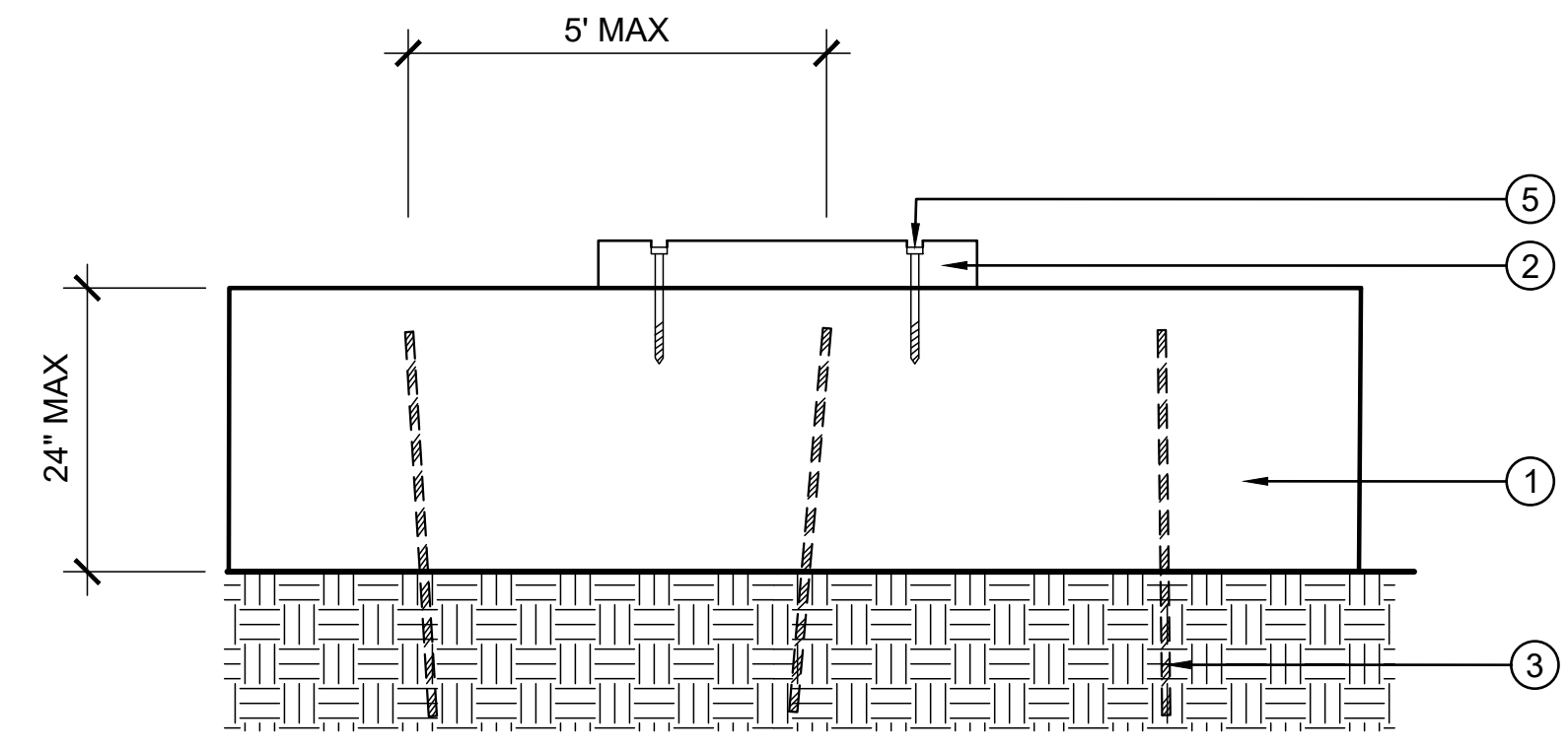
1 ROAD ENTRY STEPS
SCALE: NTS

- ① REDWOOD LOG, 8" - 20" Ø
- ② REDWOOD PLANK, 3" X 10" - 3" X 24"
- ③ NO. 5 REBAR X 48", COUNTER SINK 2", SPACE 24" MIN AT TOP, ANGLE 5° OFF VERTICAL ALL DIRECTIONS AS SHOWN. MIN (2) PER LOG.
- ④ COARSE WOODY DEBRIS, 2-6" THICK LAYER OF TWIGS AND BRANCHES PLACED NATURALISTICALLY TO PROTECT FOREST FROM TRAMPLING, SEE PLANS FOR EXTENTS
- ⑤ WOOD FASTENER

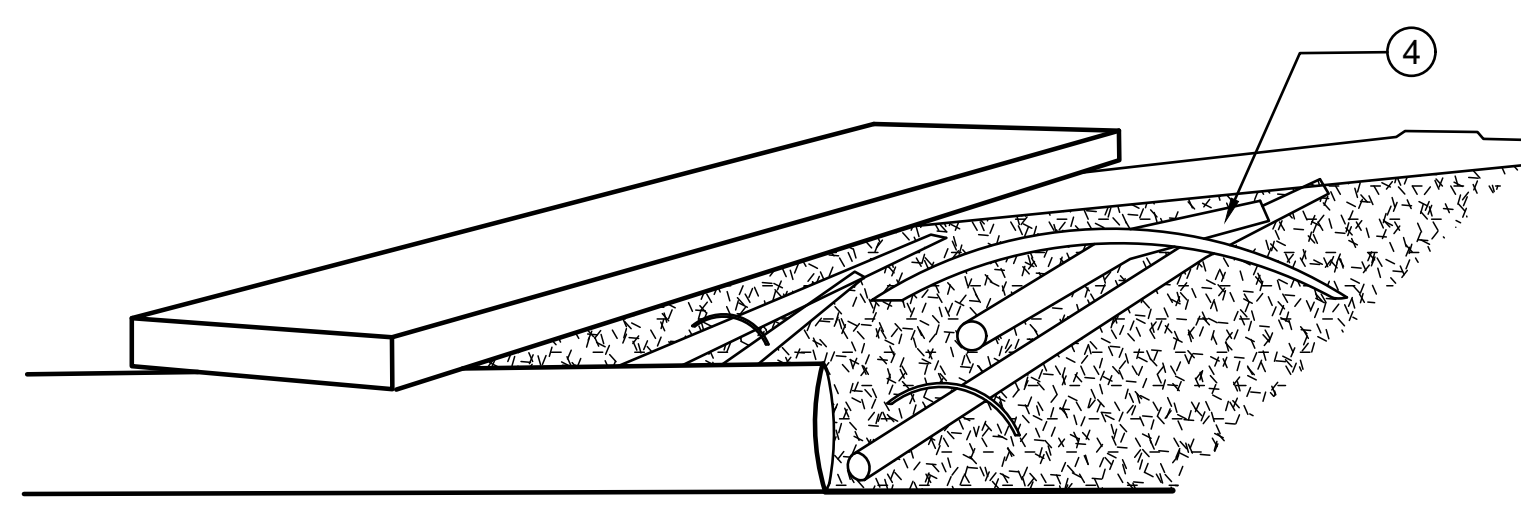
- NOTES:**
1. ENSURE ALL ELEMENTS ARE SET FREE OF MOVEMENT / WOBBLE.
 2. USE REBAR/FASTENERS TO HOLD POSITIONS OF ELEMENTS NOT TO STABILIZE ELEMENTS.
 3. SCARIFY AS NECESSARY TO PROVIDE ROUGHENED TEXTURE TO WALKING SURFACES.



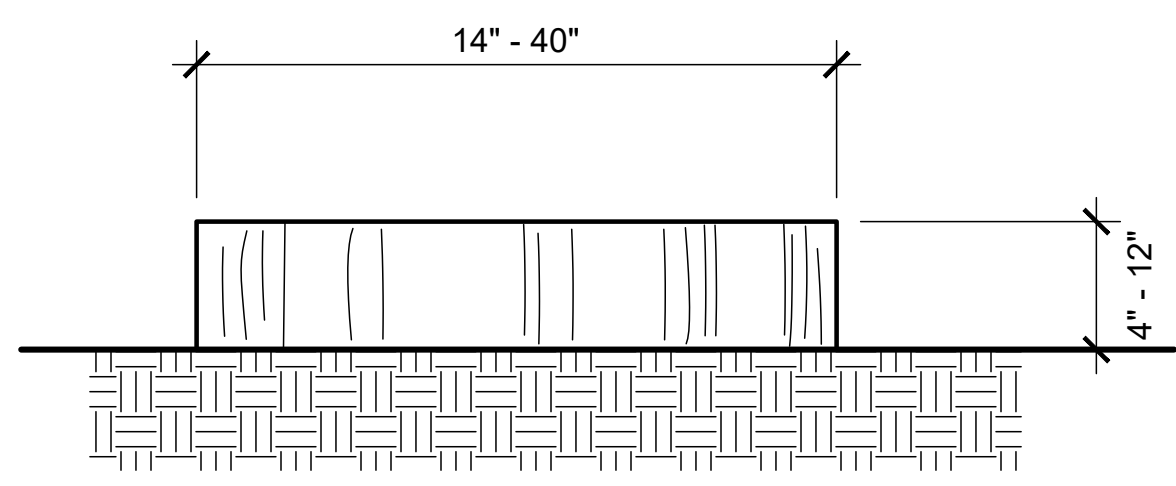
PLANK ON LOG - PROFILE



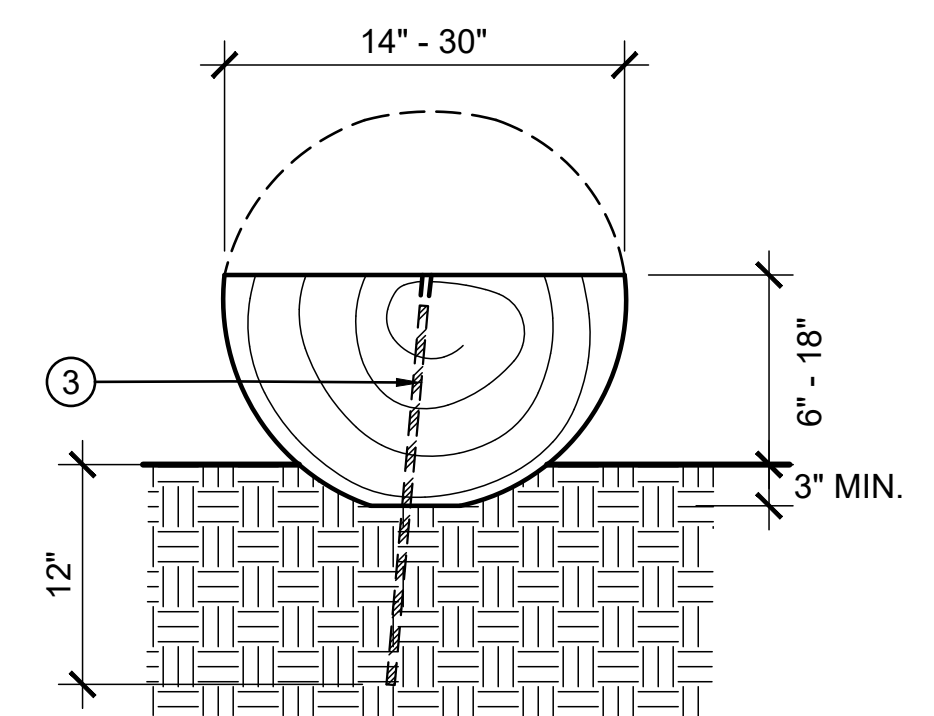
PLANK ON LOG - SECTION



SCRAMBLE EDGING



LOG ROUND ON GRADE



LOG AS TREAD

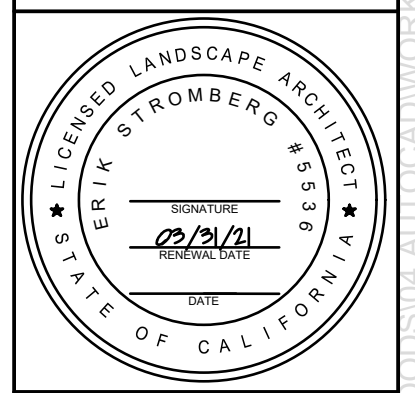
2 SCRAMBLE ELEMENTS
SCALE: NTS

REVISIONS	
DATE	DESCRIPTION

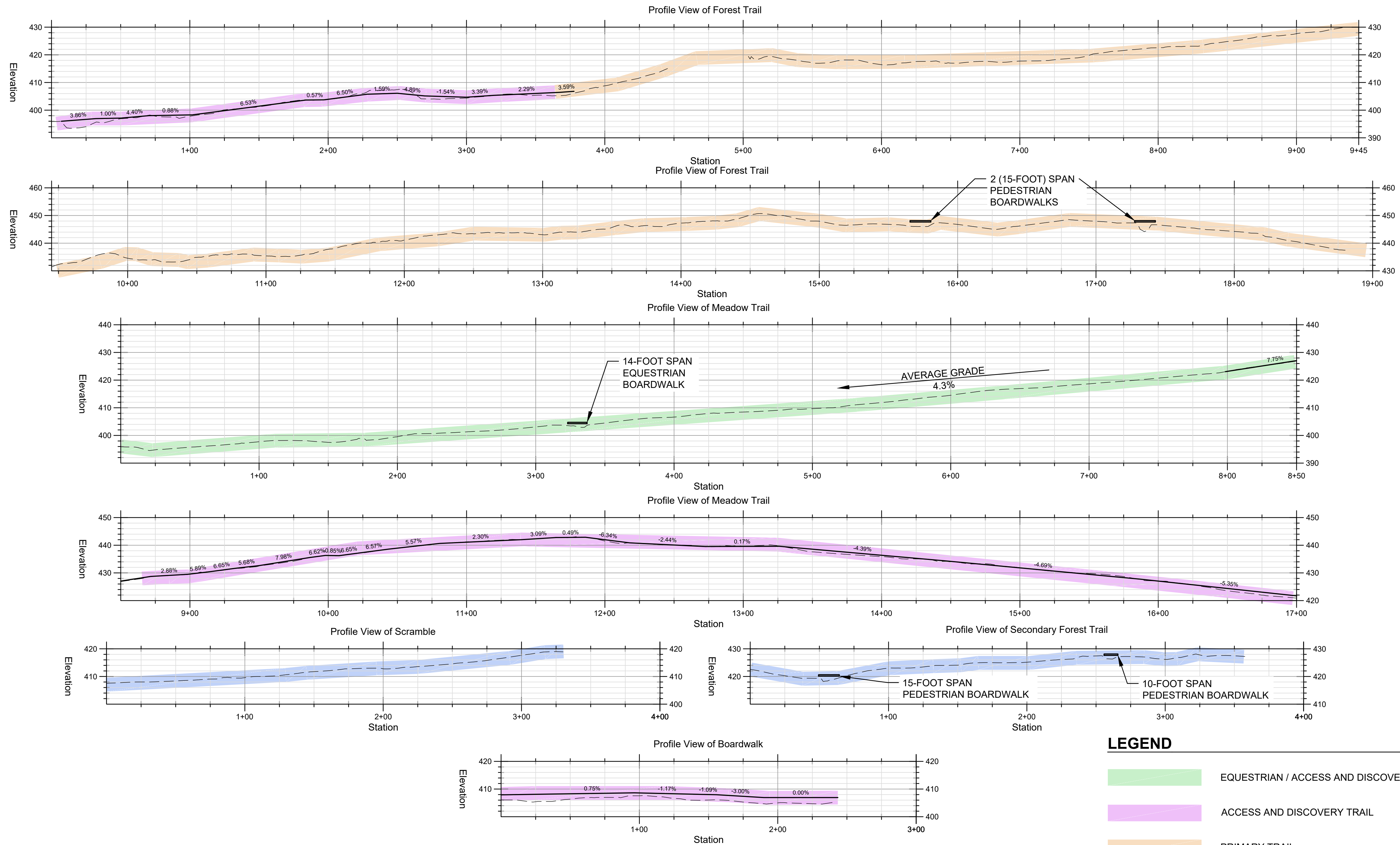
PROJECT TITLE
ROYS REDWOODS OPEN SPACE PRESERVE
VISITOR ACCESS AND PUBLIC ENGAGEMENT

DESIGN PHASE
FINAL SCHEMATIC DESIGN

SHEET TITLE
CONSTRUCTION DETAILS



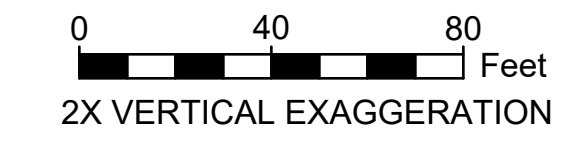
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SCALE AS NOTED
DATE MARCH 31, 2020
SHEET



LEGEND

- EQUESTRIAN / ACCESS AND DISCOVERY TRAIL
- ACCESS AND DISCOVERY TRAIL
- PRIMARY TRAIL
- SECONDARY TRAIL
- EXISTING GRADE
- PROPOSED GRADE

SEE 1/L-2.1 FOR TRAIL TYPE DETAILS

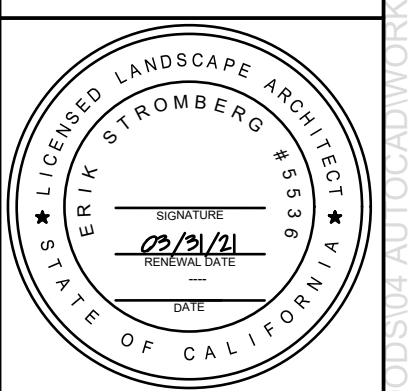


REVISIONS	
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PROJECT TITLE
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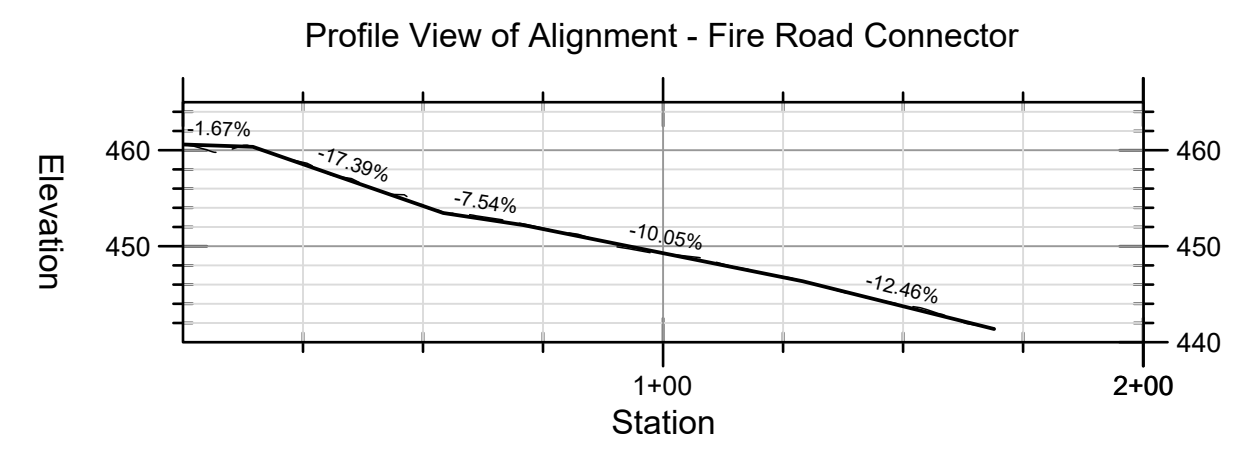
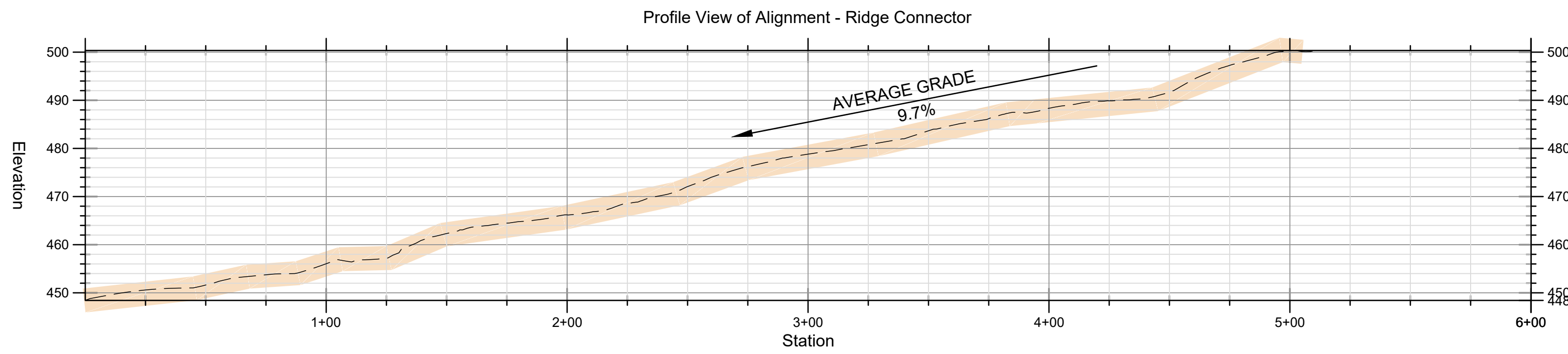
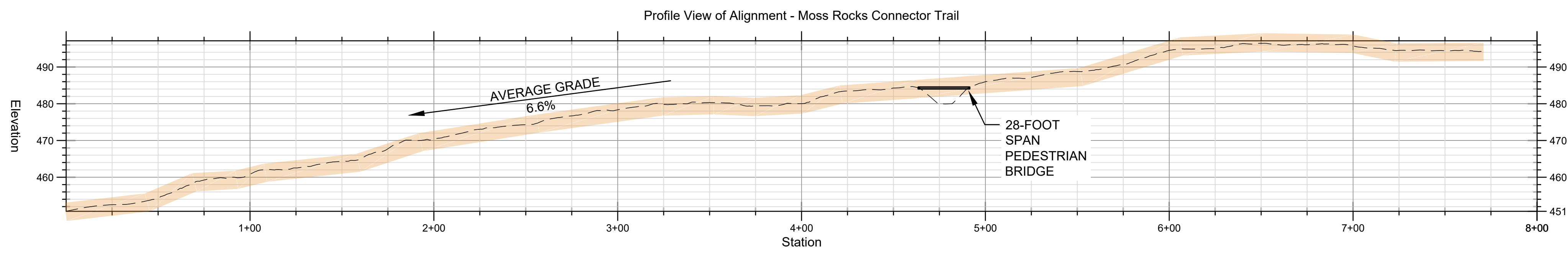
DESIGN PHASE
FINAL SCHEMATIC DESIGN

SHEET TITLE
TRAIL PROFILES



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SCALE	1" = 70'-0"
DATE	MARCH 31, 2020
SHEET	L-3.0

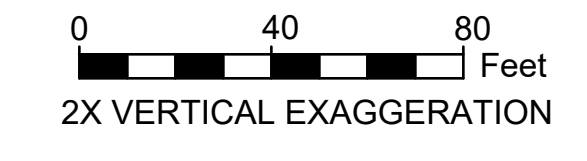
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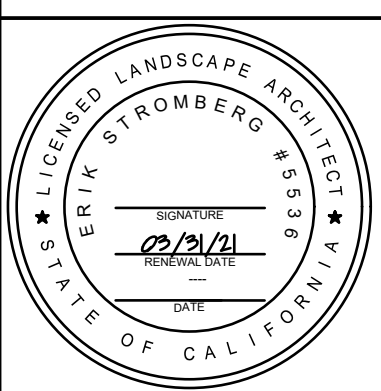
LEGEND

- EQUESTRIAN / ACCESS AND DISCOVERY TRAIL
- ACCESS AND DISCOVERY TRAIL
- PRIMARY TRAIL
- SECONDARY TRAIL
- EXISTING GRADE
- PROPOSED GRADE

SEE 1/L-2.1 FOR TRAIL TYPE DETAILS



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 SHEET TITLE
 TRAIL PROFILES



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L-3.1

