



Riverside Ranch Public Access Plan

Humboldt County Resource Conservation District

14 November 2022



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1. Introduction

The Humboldt County Resource Conservation District (HCRCD) is the lead agency for the Salt River Ecosystem Restoration Project (SEREP). The SRERP is a large restoration project consisting of excavating and restoring seven miles of the Salt River channel and enhancing over 300 acres of a tidal estuary located in the lower Eel River Delta. Construction of the tidal estuary component of the SRERP, known as Riverside Ranch, was completed in 2013. Riverside Ranch is owned by the California Department of Fish and Wildlife (CDFW) and is operated as the Salt River Unit of the Eel River Wildlife Area (Figure 1).

1.1 Purpose of this Plan

This Public Access Plan (Plan) is developed for the HCRCD to meet the requirements of Coastal Development Permit (CDP) Amendment No. 1-10-032-A5 Condition 22: Final Public Access Plan. The Plan describes public access amenities and operations on Riverside Ranch of the SRERP. HCRCD will implement this plan in coordination with CDFW.

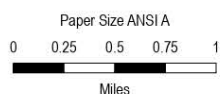
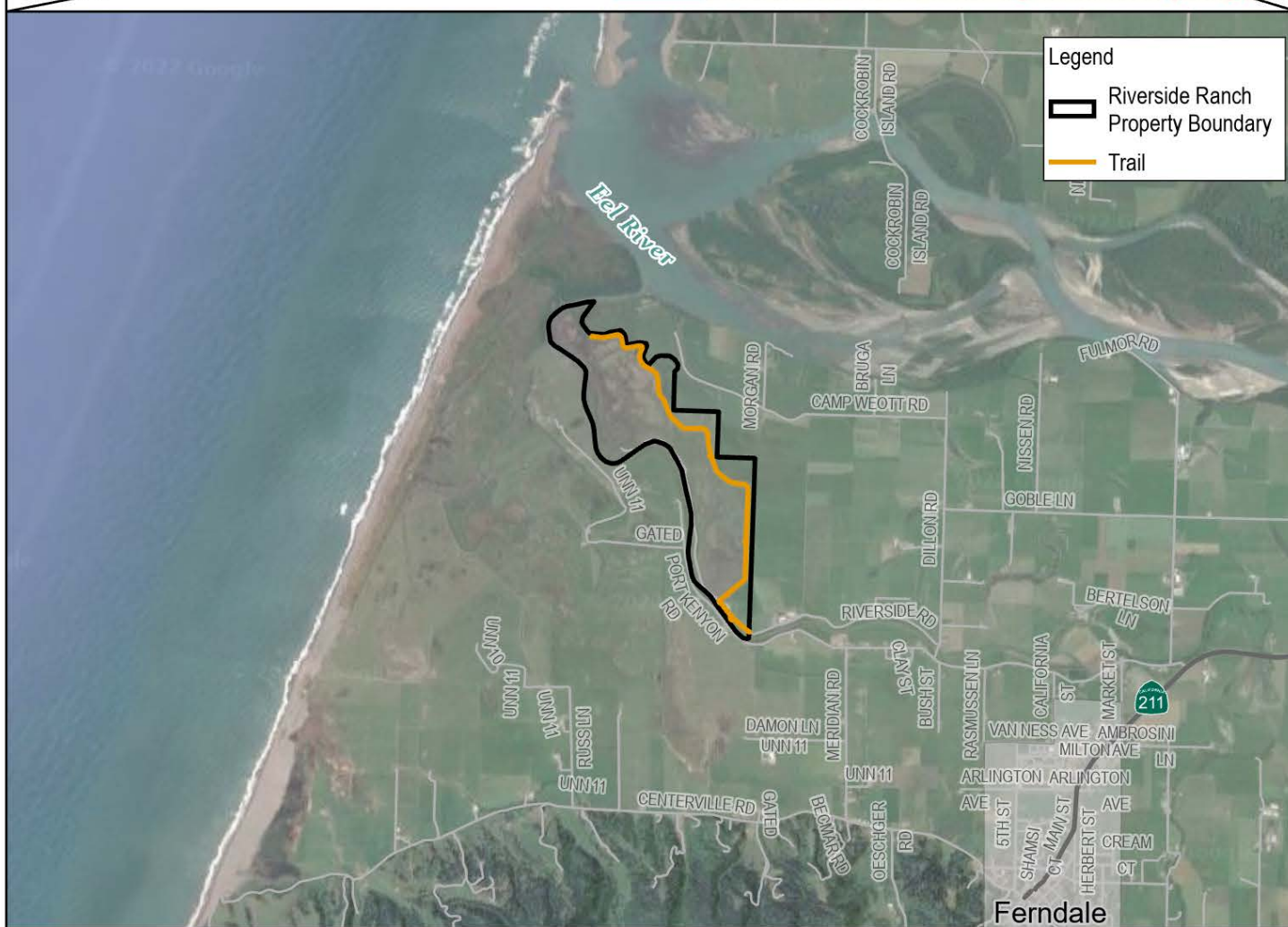
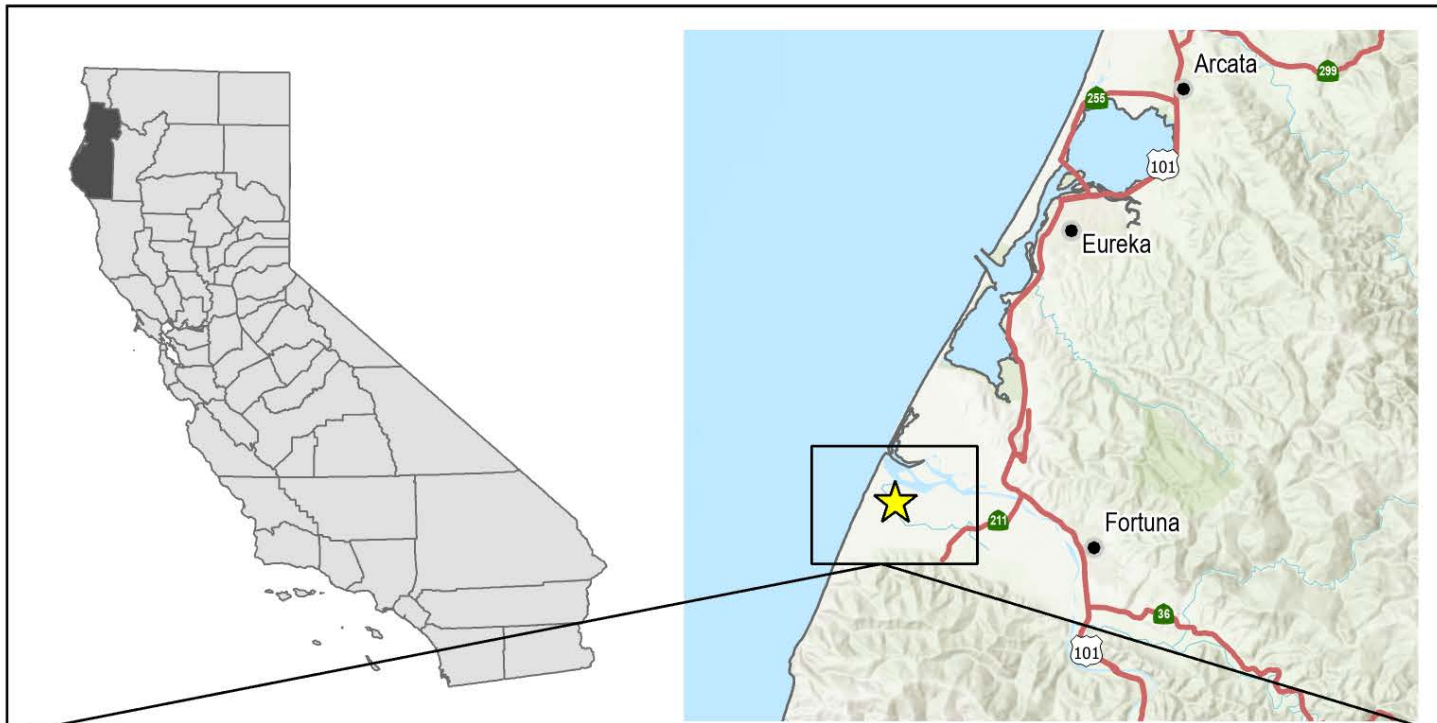
1.2 Location

All public access amenities have been designed on CDFW's Riverside Ranch property (Figure 1). Riverside Ranch is located in the Eel River Floodplain. This constrained project components and influenced the siting and design of public access amenities. Access to Riverside Ranch is via Riverside Road. The County of Humboldt holds a right-of-way easement for the majority of Riverside Road, and the remainder is privately owned by CDFW.

Consideration was given to locating the boating access on the opposite side of the Salt River, near the end of Port Kenyon Road, a Humboldt County public roadway to support open public use. Following a formal inquiry with the State Lands Commission in May 2022, this was determined infeasible. The jurisdiction of the State Lands Commission in this area is limited to the Ordinary High Water Mark and does not extend to the Port Kenyon Road. Thus, there is a gap of private property between Port Kenyon Road and the State Lands Commission's jurisdiction that would require acquisition or a formal easement to support public access in the future.

Similarly, preliminary design considered access to the Riverside Ranch property via a footbridge between Port Kenyon Road and CDFW's Riverside Ranch property over the Salt River, avoiding the need to access the Riverside Ranch property from Riverside Road. The footbridge was also considered infeasible, as there is not currently public property along Port Kenyon Road suitable for siting bridge footings above the Ordinary High Water mark, along with parking facilities.





Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane California II FIPS 0402 Feet



**Humboldt County Resource Conservation District
Riverside Ranch Public Access Design**

Project No. 12563147
Revision No. -
Date Oct 2022

Vicinity Map

FIGURE 1

2. Public Access Amenities

Public Access amenities will be developed at Riverside Ranch as implementation funding becomes available, under the guidance of this plan. Figure 2 provides an overview of public access amenities. Public Access Design Plans are included in Appendix A. Design features have been located in mapped upland areas to avoid impacts to wetlands and other sensitive habitats.

2.1 Major Amenities

2.1.1 Trails and Rest Areas

The Riverside Ranch property will provide public access in the form of a pedestrian trail located atop an existing berm that skirts the newly restored tidal marsh area. The gravel trail will be approximately two miles long and 12 feet wide. The trail will extend the entire length of the existing berm. An existing fence along the western side of the berm will be maintained in place to manage cattle on adjacent properties. The out-and-back trail will include three overlook areas off the trail with benches, interpretive signage, and/or picnic tables.

2.1.2 Boating Access

A boating put-in and take-out access point for non-motorized boating will provide boating access to the property for the public. The boat launch will provide access to and from Salt River from the parking area. The boat launch trail will be an 8-foot wide, gravel pathway with an 8% longitudinal slope into the river.

2.1.3 Public Vehicular Access and Parking

Vehicular Access

Riverside Ranch is accessible via Riverside Road. Between the recorded roadway easement to Humboldt County and ownership by CDFW, there is continuous public access from Dillon Road to CDFW's Riverside Ranch property (see Appendix B). Access to the property will be provided via an improved 12-foot-wide gravel access road via Riverside Road. The access road includes two turnaround areas for public and emergency vehicle use: one at the property entrance before the property access gate and another at the parking area before trail access gate.

Vehicular Parking Areas

Day-use public vehicle parking will be available on the Riverside Ranch property. The new gravel parking area will contain 14 vehicle parking spaces with concrete wheel stops, one ADA space, and a loading/unloading zone that will accommodate bus parking.

2.1.4 Accessibility Standards

The trail and trail amenities have been developed based on the 2014 United States Access Board: Outdoor Developed Areas Guide. Outdoor Recreation Access Route elements include a concrete connection from the parking area to the trailhead and constructed features, such as picnic tables. The guide notes that a trail of this type does not need to be paved to meet Americans with Disabilities Act (ADA) requirements and recommends a firm and stable surface for the trail, which will be accomplished through compaction and/or stabilizers.

2.2 Supporting Amenities

2.2.1 Visitor Serving Amenities

Trash and Recycling Receptables

Wildlife safe receptables will be installed at the parking area.

Picnic Tables

Multiple picnic tables will be located adjacent to the parking area and within one of the trail resting areas.

Benches

Multiple benches will provide seating at all three trail resting areas.

Bike Racks

Multiple bike racks will be provided at the parking area.

Restrooms

No restroom will be available onsite.

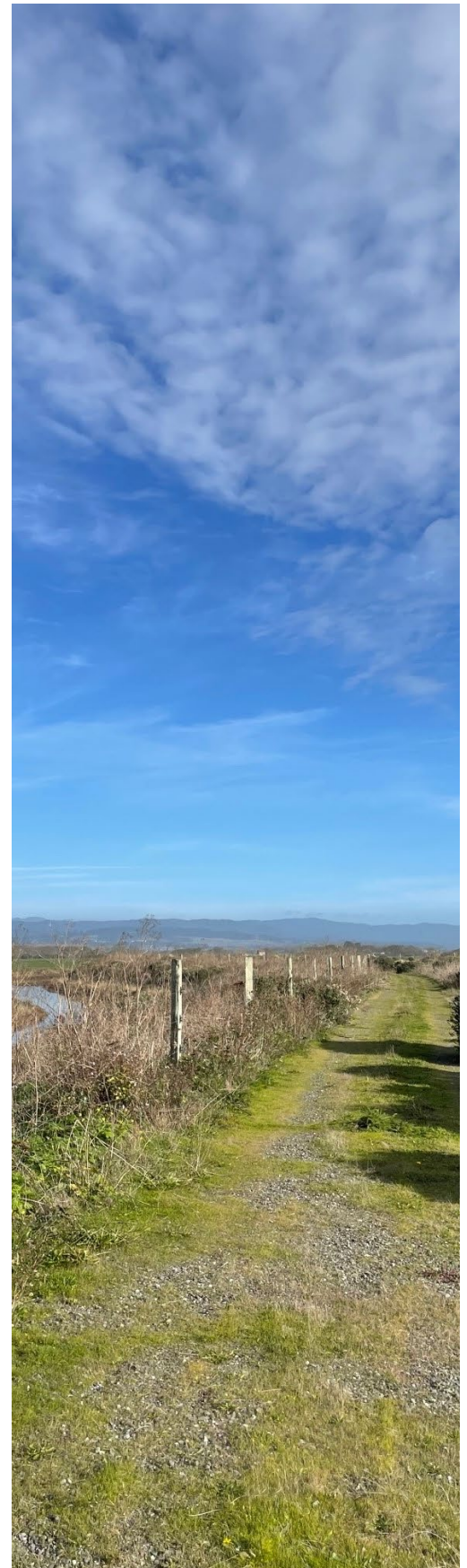
2.2.2 Signage

Signage will be installed onsite to delineate public access areas, regulate appropriate uses, provide wayfinding, and share educational and interpretive information. Public access rules and use regulations signage will be installed at or near the property entry gate. Wayfinding signage will be located at the boat launch and towards the beginning of the trail. Interpretive signs will be located at the parking area, towards the beginning of the trail, and at each of the resting spots. See Public Access Design Plan in Appendix A for sign locations.

Interpretive sign content will be developed by CDFW in collaboration with the Wiyot Tribe and Bear River Band of the Rohnerville Rancheria to include the Wiyot language. Signs will highlight native fauna and flora, historic land uses, and will also acknowledge the stakeholders and funders including HCRCD, CDFW, Wiyot Tribe, Bear River Band of the Rohnerville Rancheria, California Coastal Commission, and others.

2.2.3 Site Security

Site security and access restrictions will be facilitated by gates and fencing. A property access gate at the property entrance will prevent unauthorized access to the property. A new fence will be constructed from the gate to the parking area along the improved access road. At the parking area, two additional gates (to the trail and boat launch) will be installed in order to manage public access and grazing operations. Gates will be maintained and controlled by CDFW. Lastly, a new fence will be constructed between the public access trail and existing barn to prevent public access to the barn.



3. Operations

All public access areas and amenities will be available to the general public free of charge during daylight hours (one hour before sunrise to one hour after sunset) for a minimum of 36 weekends per year. Additionally, guided tours can be arranged with CDFW or their cooperating partners by request (e.g., educational school trips, bird watching events). Allowable uses are described below.

3.1 Types of Use

Uses consistent with the site could include passive, non-extractive, pedestrian-related activities and recreation (i.e., hiking, walking, bird watching) and non-motorized boat usage. Uses have been selected to avoid impacts to agricultural uses on and near the Riverside Ranch property, as well as sensitive coastal resources. The property will not support motorized (including electric) vehicles beyond the parking area, aside from emergency or maintenance access on the berm. The property also will not support bicycle, equestrian, or overnight use. Dogs will not be permitted on the property.

3.1.1 Site Visits

The public will have access to the Riverside Ranch public access areas during 36 weekends per year during daylight hours. The public can also visit the site by scheduling a guided site tour with CDFW or their cooperating partners. To reduce vehicle impact on rural roads, CDFW will encourage carpooling. CDFW will carefully monitor public access to prevent impacts to coastal resources and adjacent land uses.

3.1.2 River Access

Kayakers are currently accessing the property via informal launching areas along Salt River. The new non-motorized boating access area will be accessible to water-based users. Use of the boating access area from the Riverside Ranch property will be limited to use during open weekends.

3.1.3 Hunting

Hunting from the trail will not be allowed; however, waterfowl hunting from Salt River via watercraft is permissible per existing CDFW wildlife refuge policies.

3.2 Management Regulations

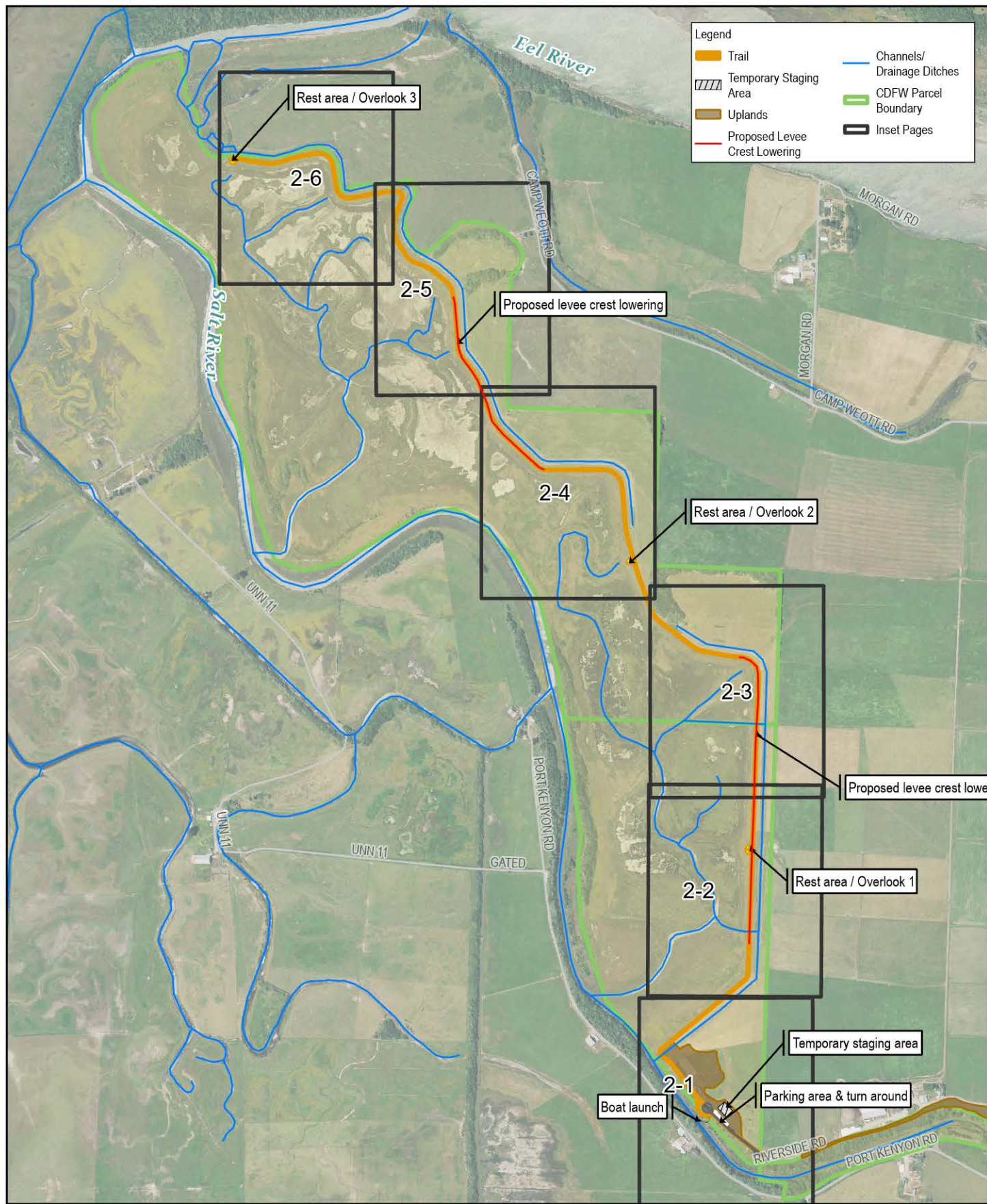
All regulations and management approaches will follow CDFW land management policies for wildlife refuges. CDFW is currently updating their Eel River Wildlife Area land management plan, which will continue to include the Riverside Ranch property and consistent with this document.

3.3 Emergency Access

The Riverside Ranch property is within the service area of Ferndale Volunteer Fire Department (FVFD), California Department of Forestry and Fire Protection (CAL FIRE), and the Humboldt County Sheriff's Office. First responders would arrive via rural roads leading to Riverside Road. Emergency vehicles could traverse the trail if needed. Site improvements include two vehicle turnaround locations designed to accommodate emergency vehicles.

3.4 Maintenance

CDFW will maintain the facility on an as-needed basis



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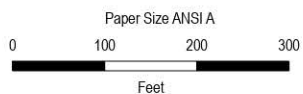
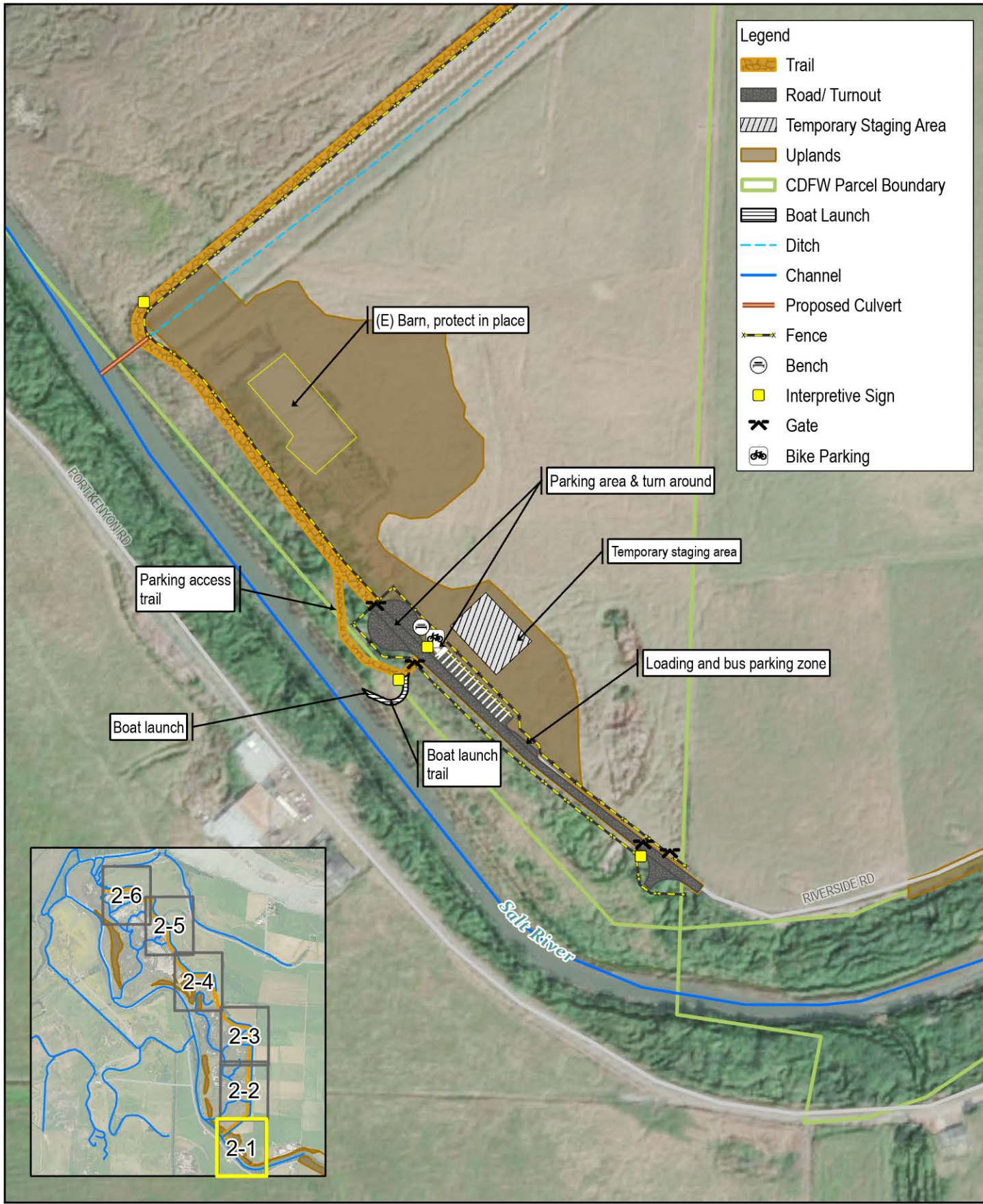
Humboldt County Resource
Conservation District
Riverside Ranch Public Access Design

Project No. 12536417
Revision No. -
Date Nov 2022

Map Projection: Lambert Conformal Conic
Horizontal Datum: North American 1983
Grid: NAD 1983 StatePlane California 1 FIPS 0401 Feet

Project Components Overview

FIGURE 2



Humboldt County Resource
Conservation District
Riverside Ranch Public Access Design

Project No. 12536417
Revision No. -
Date Nov 2022

Map Projection: Lambert Conformal Conic
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Project Components Map Series

FIGURE 2-1

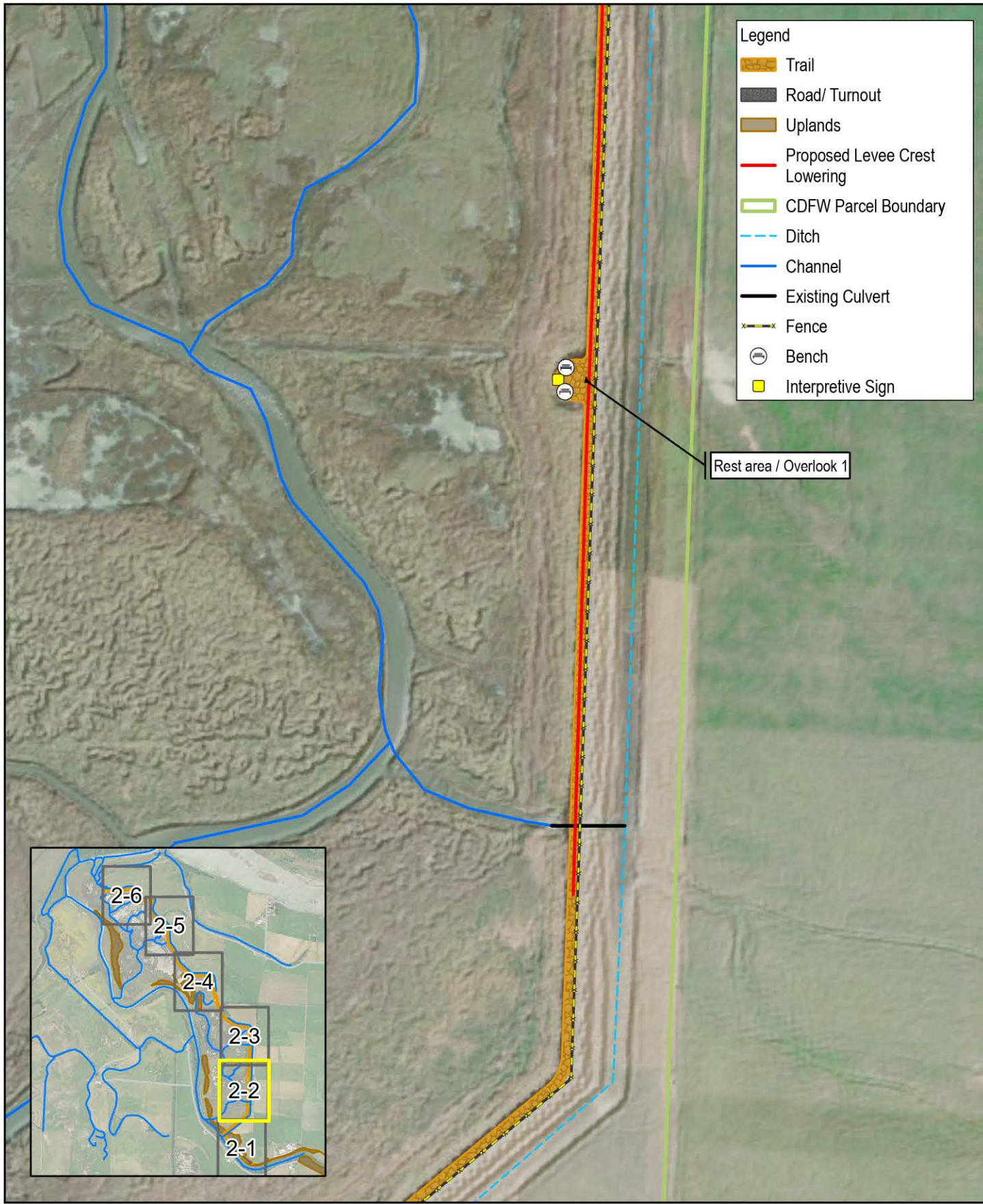
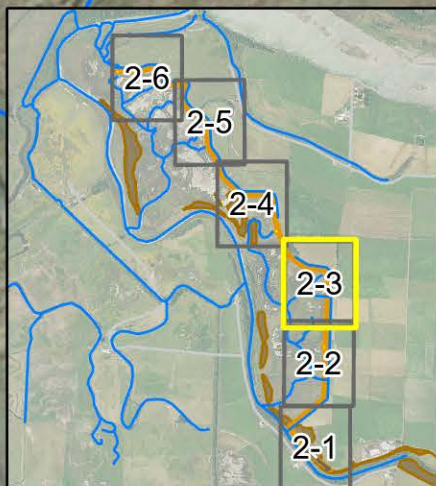
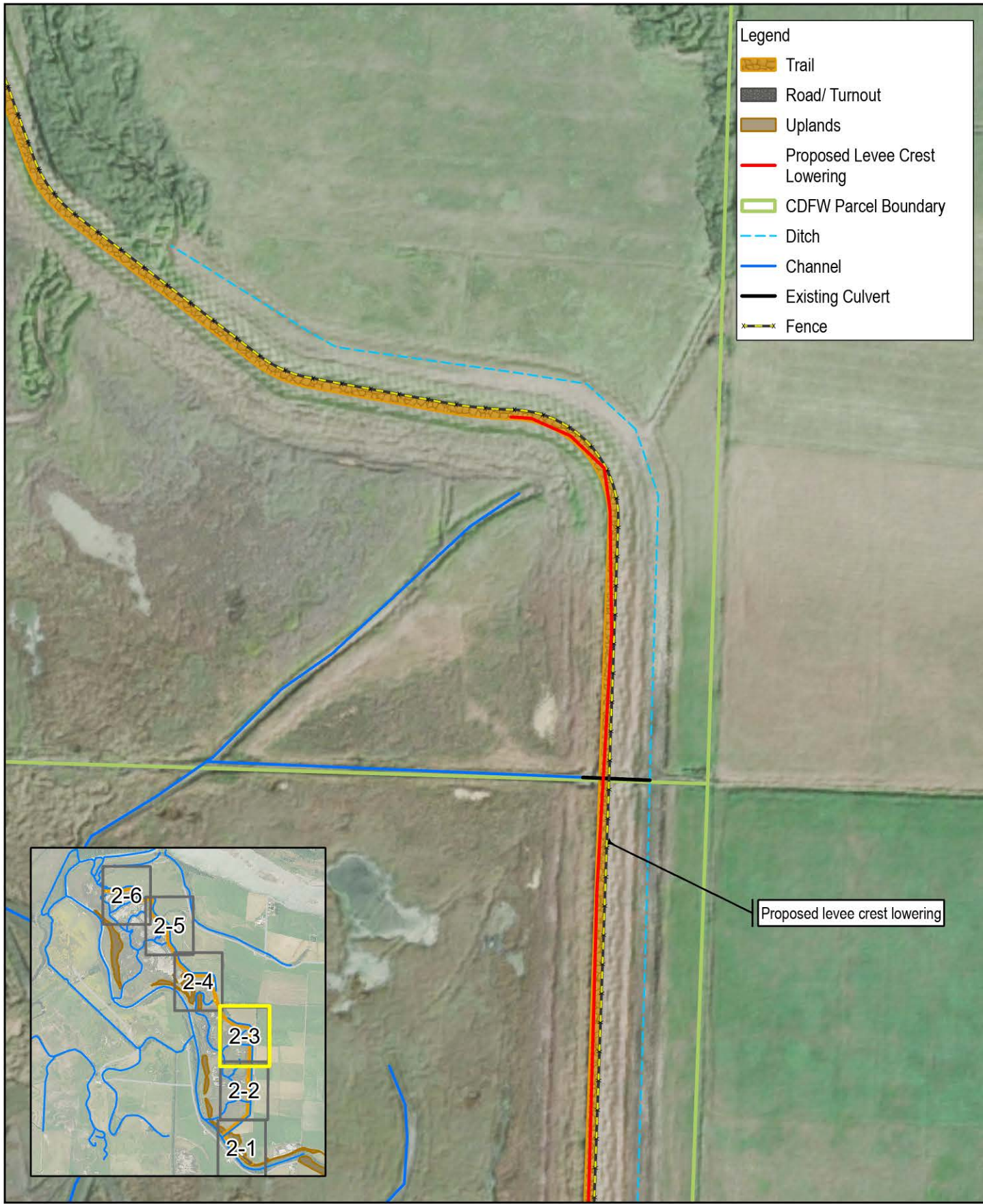
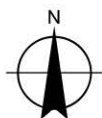


FIGURE 2-2



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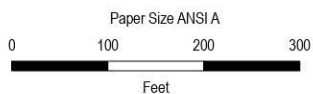
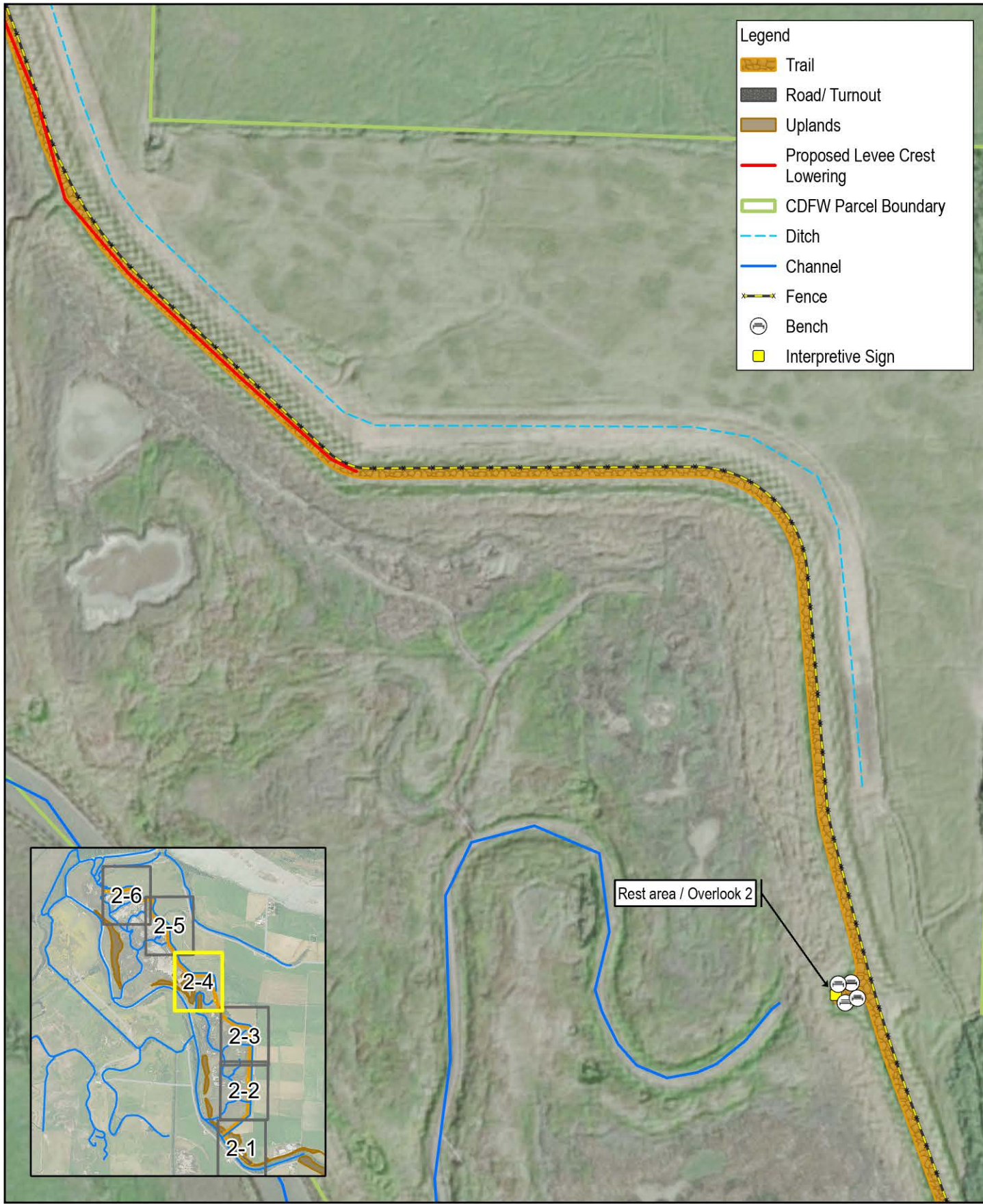


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Date Nov 2022

Project Components Map Series

FIGURE 2-3



Map Projection: Lambert Conformal Conic
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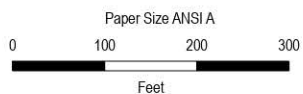
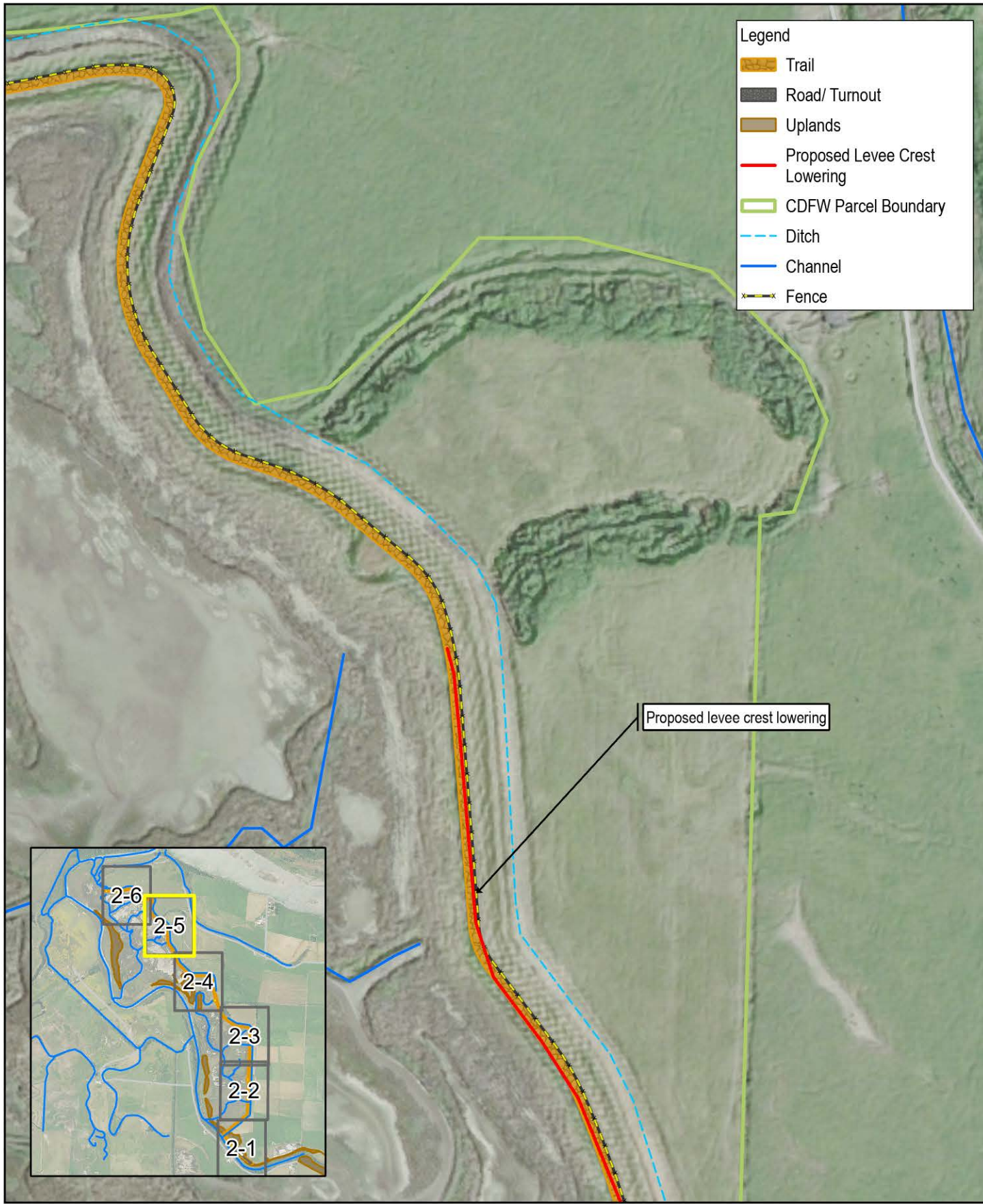


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Riverside Ranch Public Access Design

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Revision No. -
Date Nov 2022

Project Components Map Series

FIGURE 2-4



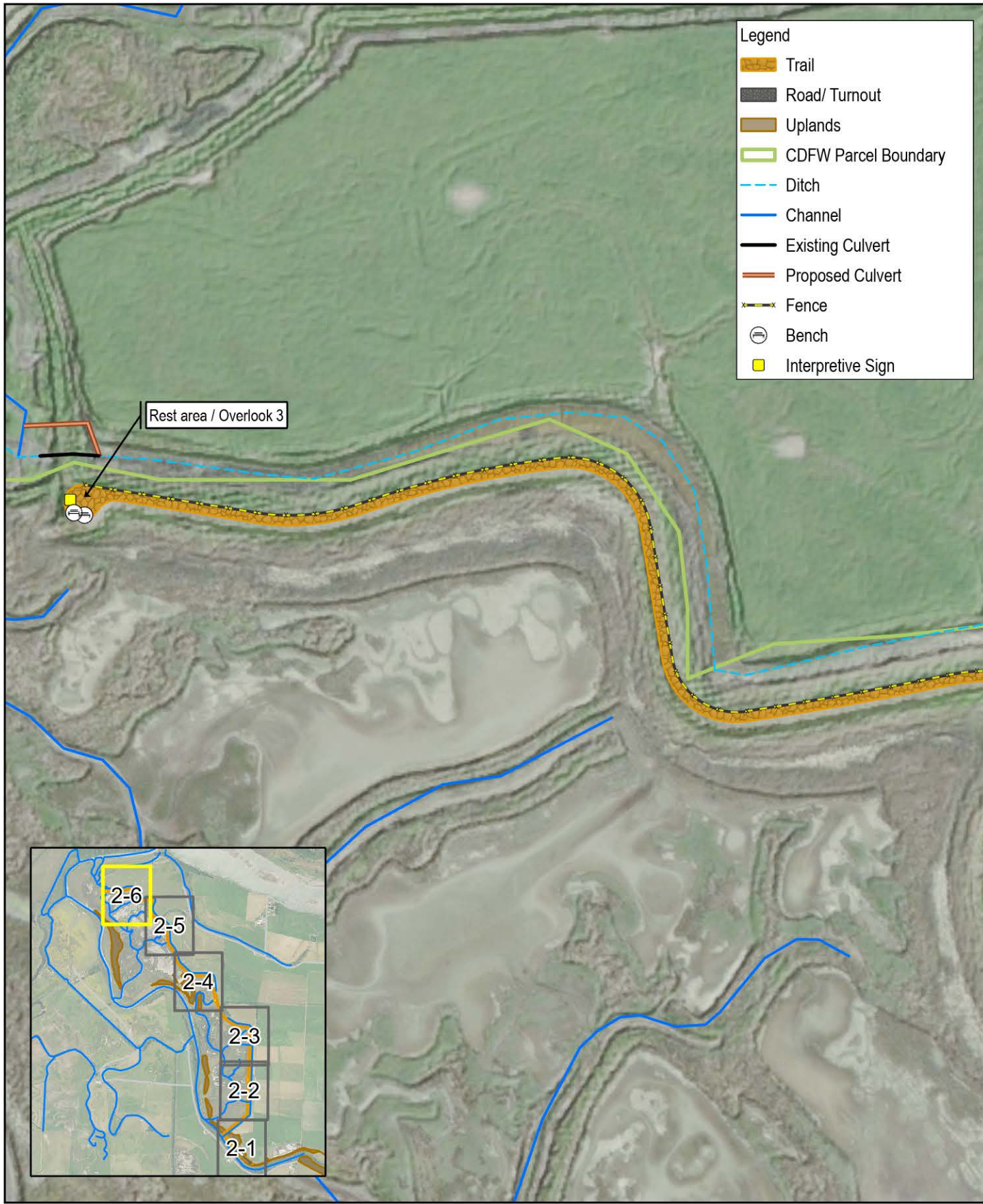
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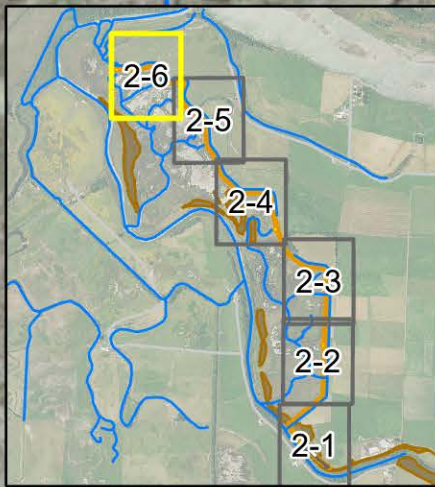
Project Components Map Series

FIGURE 2-5



- Legend**
- Trail
 - Road/ Turnout
 - Uplands
 - CDFW Parcel Boundary
 - Ditch
 - Channel
 - Existing Culvert
 - Proposed Culvert
 - Fence
 - Bench
 - Interpretive Sign

Rest area / Overlook 3



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Humboldt County Resource
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Riverside Ranch Public Access Design

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Project Components Map Series

FIGURE 2-6

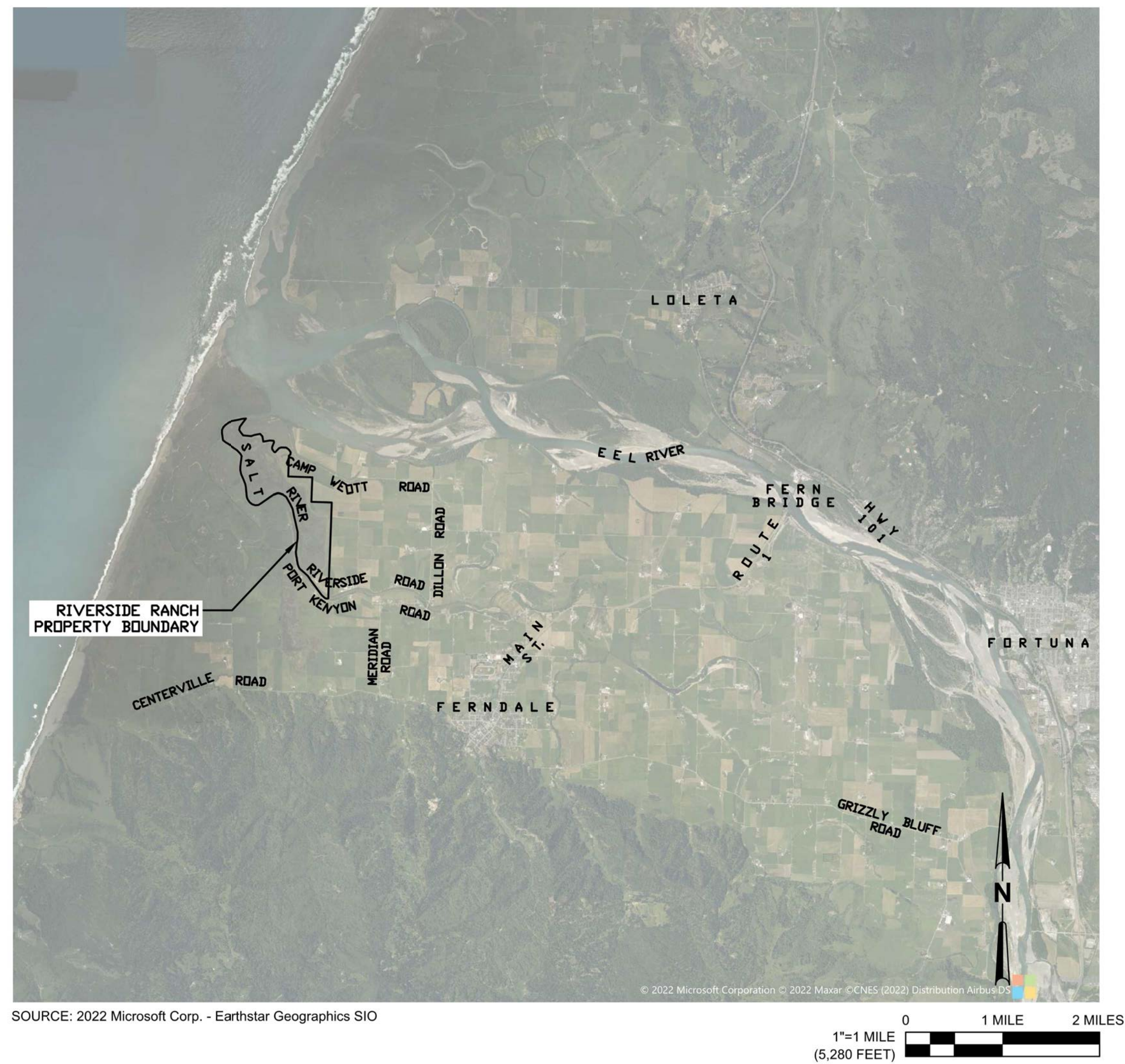
Appendices

Appendix A

Public Access Design

HUMBOLDT COUNTY
RESOURCE CONSERVATION DISTRICT
SALT RIVER ECOSYSTEM RESTORATION PROJECT
RIVERSIDE RANCH
PUBLIC ACCESS DESIGN
October, 2022

SHEET INDEX



SHEET NO.	DRAWING DESIGNATION	DESCRIPTION
<u>GENERAL</u>		
1	G001	COVER SHEET
2	G002	GENERAL NOTES, SYMBOLS & ABBREVIATIONS
3	G002A	SITE LANDSCAPE NOTES
<u>PUBLIC ACCESS PLANS</u>		
4	L101	OVERALL SITE PLAN AND TRAIL ALIGNMENT
5	L102	CONSTRUCTION ACCESS AND STAGING
6	L103	PARKING AREA
7	L104	BOAT LAUNCH
8	501	AMENITY AND FURNISHING DETAILS
9	502	FENCE AND TRAIL CONSTRUCTION DETAILS

PRELIMINARY

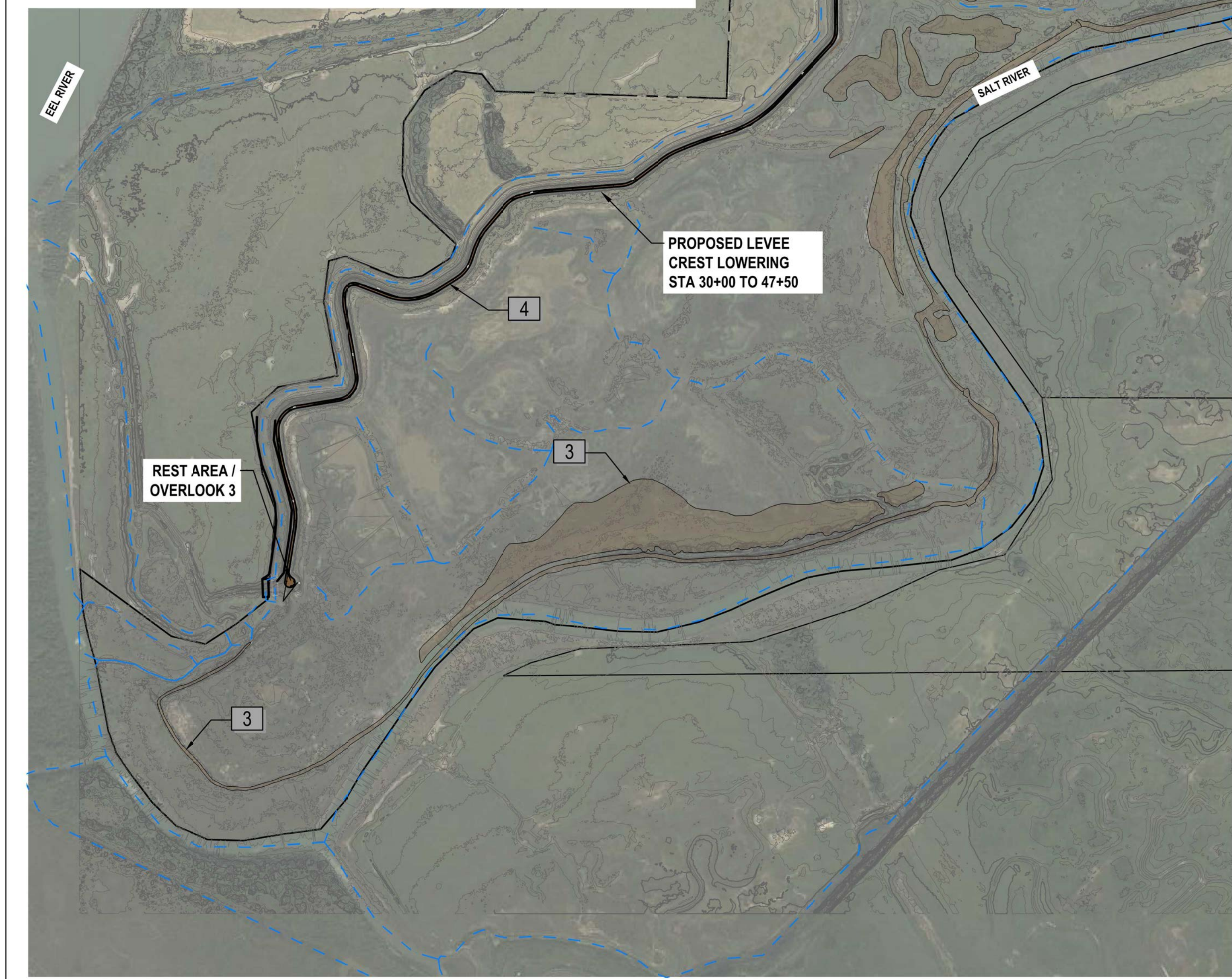
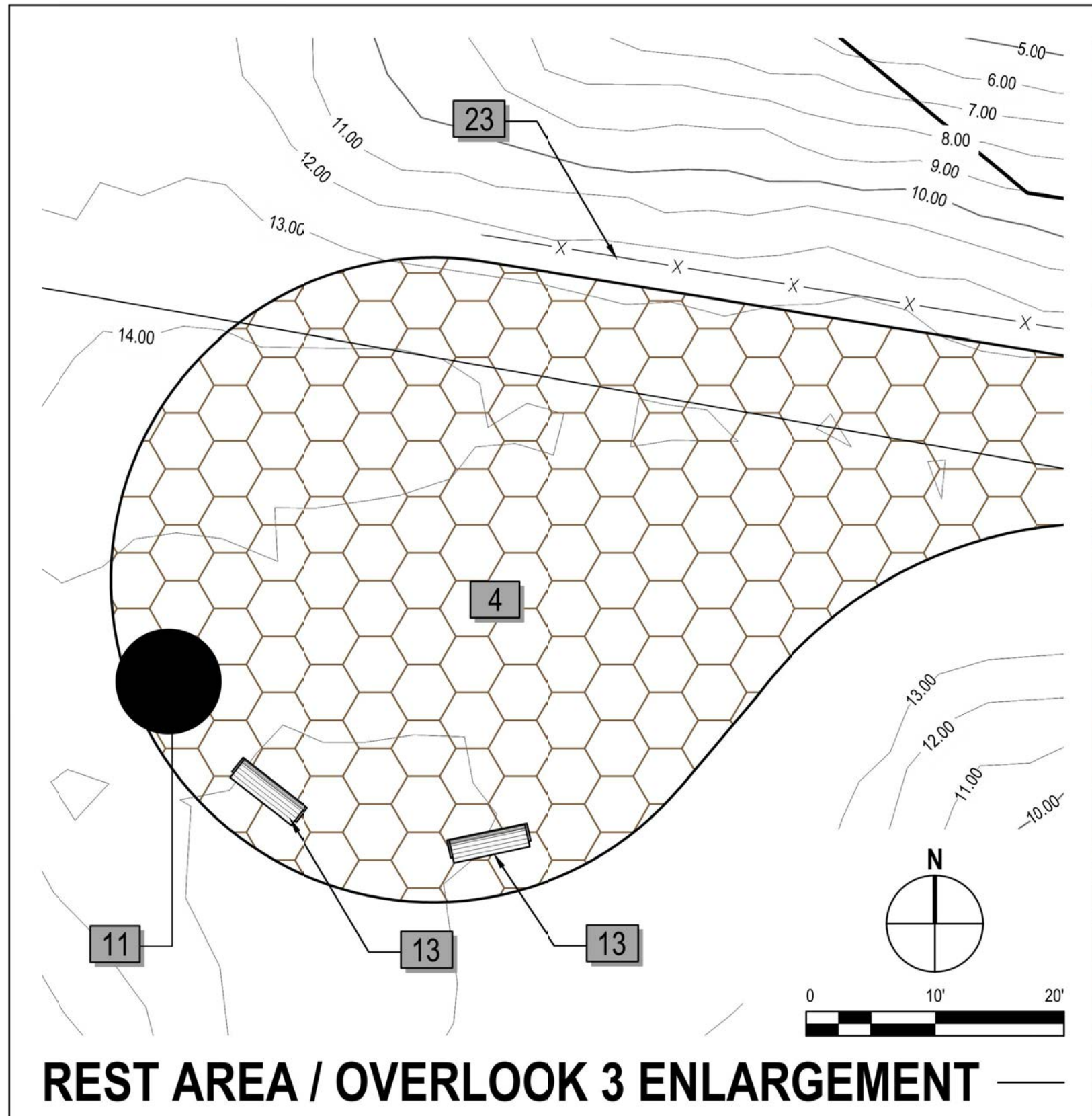
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							Project Riverside Ranch Public Access Design		
No. Issue			Checked	Approved	Date				
Author L.Piper	Drafting Check B.Vivian	Project Manager A.Hilton							
Designer L.Piper	Design Check J.Svehla	Project Director J.Svehla							
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							Scale As Shown		
							Sheet No. G001		

GENERAL NOTES	REGULATORY COMPLIANCE NOTES	LEGEND:																																																																											
<div><div>1. PROJECT REQUIRES A CLASS A GENERAL CONTRACTOR'S LICENSE IN THE STATE OF CALIFORNIA.</div><div>2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE STATE, COUNTY AND LOCAL CODES, PROJECT PERMITS, AND STANDARDS USED FOR TRAIL ADA COMPLIANCE - 2013 US ACCESS BOARD (ABA) ACCESSIBILITY GUIDELINES FOR OUTDOOR DEVELOPED AREAS, 36 CFR PART 1191. CONTRACTOR WILL TIMELY AND ACCURATELY COMPLETE, SIGN, AND SUBMIT ALL NECESSARY DOCUMENTATION OF COMPLIANCE.</div><div>3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK AND REPORT ANY DISCREPANCIES TO THE HCRCD. SHOULD EXISTING CONDITIONS DIFFER FROM THOSE SHOWN OR INDICATED, OR IF IT APPEARS THAT THESE PLANS DO NOT ADEQUATELY DETAIL THE WORK TO BE DONE, CONTRACTOR SHALL NOTIFY THE HCRCD PRIOR TO CONTINUING WITH ANY RELATED WORK. NO ALLOWANCE WILL BE MADE ON CONTRACTOR'S BEHALF FOR ANY EXTRA EXPENSE RESULTING FROM FAILURE OR NEGLECT IN DETERMINING THE CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALE.</div><div>4. QUANT TIES OF ITEMS, LENGTH OF PROJECT, AND SITE CONDITIONS SHOWN IN THE PLANS ARE APPROXIMATE. ALL MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.</div><div>5. CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE HCRCD, GHD, AND THEIR REPRESENTATIVES HARMLESS FROM ANY AND ALL LIABILITY, REAL AND/OR ALLEGED, IN CONJUNCTION WITH THE PERFORMANCE OF THIS PROJECT.</div><div>6. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING STRUCTURES, ROADS, AND UTILITIES DURING CONSTRUCTION. ALL DAMAGE SHALL BE RESTORED TO EQUAL OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE.</div><div>7. A SET OF SIGNED WORKING DRAWINGS WILL BE KEPT AT ALL TIMES AT THE JOB SITE ON WHICH ALL CHANGES OR VARIATIONS IN THE WORK ARE TO BE RECORDED AND/OR CORRECTED DAILY BY THE CONTRACTOR AND SUBMITTED TO THE HCRCD WHEN THE WORK TO BE DONE IS COMPLETED.</div><div>8. CONTRACTOR SHALL NOTIFY THE HCRCD AT LEAST 72 HOURS IN ADVANCE OF COMMENCEMENT OF ANY PART OF THE WORK AND SHALL CCORDINATE CONSTRUCTION SCHEDULE ACCORDINGLY.</div><div>9. THE DESIGN FEATURES SHOWN ON THESE DESIGN PLANS SHALL NOT BE ALTERED OR MODIFIED IN ANY WAY DURING CONSTRUCTION WITHOUT THE EXPRESSED, WRITTEN DIRECTION AND APPROVAL OF THE HCRCD.</div><div>10. ANY INFORMATION DERIVED FROM THE MAPS, PLANS, SPECIFICATIONS, PROFILES, DRAWINGS OR FROM THE HCRCD WILL NOT RELIEVE THE CONTRACTOR FROM ANY RISK OR FROM FULFILLING THE TERMS OF THE CONTRACT.</div><div>11. NO WORK SHALL BE PERFORMED OUTSIDE OF THE DESIGNATED AREAS WITHOUT THE APPROVAL OF THE HCRCD.</div><div>12. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ADDITIONAL STAGING AREAS WITH THE HCRCD BEYOND WHAT IS SHOWN ON THE PLANS.</div><div>13. UPON COMPLETION OF THE CONSTRUCTION PROJECT, THE CONTRACTOR SHALL LEAVE THE PROJECT AREA FREE OF DEBRIS AND UNUSED MATERIAL UNLESS NOTED OTHERWISE.</div><div>14. THE CONTRACTOR SHALL PROTECT EXISTING SURVEY MONUMENTS WITH-IN WORK LIMITS. ANY MONUMENT DAMAGED BY THE CONTRACTOR SHALL BE RESET IN ACCORDANCE WITH THE CALIFORNIA PROFESSIONAL LAND SURVEYORS ACT.</div><div>15. HOURS OF WORK: THE CONTRACTOR SHALL CONDUCT ALL WORK BETWEEN THE HOURS OF 7:00 A.M. AND 7:00 P.M., MONDAY THROUGH FRIDAY, SATURDAY 7:00 A.M. TO 6:00 P.M. AND SUNDAY 9:00 A.M. TO 6:00 P.M. WEEKEND WORK WILL ONLY BE CONDUCTED AFTER PRIOR AUTHORIZATION FROM THE HCRCD. EQUIPMENT DELIVERY SHALL BE DURING HOURS OF WORK.</div><div>16. NO SHUTDOWN OF THE PROJECT SITE IS ANTICIPATED HOWEVER, ANY GRADING, EXCAVATION AND OTHER EARTH-MOVING ACTIVITIES SHALL CEASE UPON THE ONSET OF PRECIPITATION AT THE PROJECT SITE AND SHALL NOT COMMENCE UNTIL THE PREDICTED CHANCE OF RAIN IS LESS THAN 50 PERCENT IN THE FERNDALE AREA. THE WORK SITE SHALL BE WINTERIZED BETWEEN WORK CESSATION PERIODS BY INSTALLING STORMWATER RUNOFF AND EROSION CONTROL BARRIERS AROUND THE PERIMETER OF EACH DISTURBED SITE TO PREVENT THE ENTRAINMENT OF SEDIMENT INTO COASTAL WATERS. AGGREGATE STOCK OF STORMWATER RUNOFF AND EROSION CONTROL BARRIER MATERIALS SHALL BE KEPT ONSITE AND MADE AVAILABLE FOR IMMEDIATE USE. SUSPEND CONSTRUCTION ACTIVITIES FOR SAFETY AND ENVIRONMENTAL REASONS AT NO COST TO THE HCRCD OR THEIR REPRESENTATIVES.</div><div>17. CONTRACTOR SHALL MAINTAIN FREQUENT COMMUNICATIONS WITH THE HCRCD TO DISCUSS DETAILS OF IMPLEMENTATION, ORDER OF WORK, METHODS OF MINIMIZING ENVIRONMENTAL IMPACTS AND OTHER RELEVANT COMPONENTS OF CONSTRUCTION. CONTRACTOR AND HCRCD SHALL MEET WEEKLY ON-SITE TO DISCUSS PROJECT DETAILS.</div><div>18. ANY MODIFICATIONS FROM PLANS NEED TO BE COMPLETED AND/OR APPROVED BY THE HCRCD PRIOR TO IMPLEMENTATION.</div></div>	<div><div>1. CONTRACTOR SHALL COMPLY WITH ALL PROJECT PERMITS. PERMIT CONDITIONS HAVE BEEN PROVIDED IN THE CONTRACT DOCUMENTS AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW AND UNDERSTAND THE CONDITIONS RELEVANT TO PUBLIC ACCESS CONSTRUCTION ACTIVITIES AS WE.L AS ALL OTHER PERMIT REQUIREMENTS.</div><div>2. PROJECT PERMITS SHALL REMAIN ON SITE AT ALL TIMES.</div><div>3. THE CONTRACTOR SHALL DEVELOP AN EMERGENCY SPILL RESPONSE PLAN FOR REVIEW AND APPROVAL BY THE HCRCD PRIOR TO THE START OF WORK. THE PLAN SHALL IDENTIFY THE MATERIALS TO BE USED AND THE ACTIONS THAT WILL BE TAKEN IN THE EVENT OF SPILL OF PETROLEUM PRODUCTS OR ANY OTHER MATERIAL HARMFUL TO AQJATIC OR PLANT LIFE. THE EMERGENCY RESPONSE MATERIALS SHALL BE KEPT AT THE SITE TO ALLOW THE RAPID CONTAINMENT AND CLEAN-UP OF ANY SPILLED MATERIAL. EMERGENCY CLEAN UP OF ALL SPILLS SHALL BE DONE IMMEDIATELY. DURING OR SOON AFTER THE INITIAL CLEAN UP IS POSSIBLE, THE HCRCD SHALL BE NOTIFIED THAT A SPILL HAS OCCURRED.</div><div>4. PRIOR TO COMMENCEMENT, CONTRACTOR SHALL PARTICIPATE IN ENVIRONMENTAL AWARENESS TRAINING PROVIDED BY THE HCRCD.</div><div>5. ALL EQUIPMENT FUELING SHALL BE CONDUCTED A MINIMUM OF 100-FEET FROM WATERWAYS.</div><div>6. ALL EQUIPMENT MAINTENANCE AND CLEANING SHALL OCCUR WITHIN THE STAGING AREA.</div><div>7. ANY VEHICLES OR EQUIPMENT SHALL BE CHECKED AND MAINTAINED DAILY TO PREVENT LEAKS OF MATERIALS.</div><div>8. CONTRACTOR SHALL MINIMIZE IDLING TIME TO FIVE (5) MINUTES FOR ALL TRUCKS AND MAINTAIN PROPERLY TUNED EQUIPMENT WITH FACTORY-EQUIPPED MUFFLERS.</div><div>9. CONTRACTOR EQUIPMENT AND PERSONNEL SHALL NOT ENTER WATERWAYS SUCH AS FIELD DEPRESSIONS, SLOUGHS AND DITCHES THAT CONTAIN WATER.</div><div>10. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MINIMIZE EROSION AND PREVENT THE TRANSPORT OF SEDIMENT TO SENSITIVE AREAS, AND RUTTING OF THE EXISTING PASTURES.</div><div>11. AT A MINIMUM, THE CONTRACTOR SHALL EMPLOY THE FOLLOWING BEST MANAGEMENT PRACTICES (BMPS) AS DESCRIBED IN THE CURRENT CALIFORNIA STORMWATER BMP HANDBOOK FOR CONSTRUCTION:<div><div>EC-1 SCHEDULING</div><div>NS-9 VEHICLE EQUIPMENT AND FUELING</div><div>WM-1 MATERIALS DELIVERY AND STORAGE</div><div>WM-2 MATERIAL USE</div><div>WM-4 SPILL PREVENTION AND CONTROL</div><div>WM-9 SANITARY/SEPTIC WASTE MANAGEMENT</div></div></div><div>12. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIX ANY DEFICIENCIES INDICATED BY THE HCRCD TO PREVENT EROSION AND CONTROL SEDIMENT.</div><div>13. THE CONTRACTOR SHALL BE AWARE OF THE WET WEATHER TIMING, SOFT AND SATURATED SOIL CONDITIONS THAT WILL BE ENCOUNTERED. IT SHALL BE THE DISCRETION OF THE HCRCD TO HALT ACTIVITIES BASED ON WEATHER AND FIELD CONDITIONS.</div><div>14. CONTRACTOR SHALL MINIMIZE EQUIPMENT TRAVEL TO AND FROM THE PROJECT SITE DURING THE LIFE OF THE PROJECT. CONTRACTOR SHALL REHABILITATE THE PASTURE TO EQUAL OR BETTER CONDITION.</div><div>15. CONTRACTOR SHALL PREVENT RUTTING AND EROSION, AND SHALL UTILIZE LIGHT-WEIGHT, RUBBER-TRACKED/TIRED EQUIPMENT AND MATS AS NEEDED. F GROUND DISTURBANCE DOES OCCUR, CONTRACTOR SHALL IMMEDIATELY IMPLEMENT EROSION/SEDIMENT CONTROL BMPS AS DIRECTED BY THE HCRCD TO PREVENT SOIL EROSION. IF STRAW MULCH IS USED, IT SHALL BE WEED-FREE STERILE RICE STRAW AND PLACED TO PROVIDE COMPLETE COVER OVER DISTURBED AREAS. THE CONTRACTOR WILL BE RESPONSIBLE FOR DEVELOPING AND ADHERING TO A STORM WATER POLLUTION PREVENTION PLAN (SWPPP).</div><div>16. DURING CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL PREVENT ANY DEBRIS FROM ENTERING ANY WATERWAYS INCLUDING BUT NOT LIMITED TO THE SALT RIVER, SLOUGHS, PONDED WATER DEPRESSIONS, AND DITCHES. CONTRACTOR SHALL MODIFY TECHNIQUE AS NECESSARY TO ENSURE DEBRIS DOES NOT ENTER THESE WATERS.</div><div>17. NO DEBRIS, SOIL, SILT, SAND, BARK, SLASH, SAWDUST, RUBBISH, OIL OR PETROLEUM PRODUCTS, OTHER ORGANIC MATERIAL OR EARTHEN MATERIAL FROM ANY CONSTRUCTION RELATED ACTIVITY SHALL BE ALLOWED TO ENTER INTO OR BE PLACED WHERE IT MAY BE WASHED BY RAINFALL INTO WATERWAYS.</div><div>18. IF, AT ANY TIME, AN UNAUTHORIZED DISCHARGE OF DEBRIS TO SURFACE WATER OCCURS, OR ANY WATER QUALITY PROBLEM ARISES, i.e. INCREASED TURBIDITY, CHANGES TO pH RESULTING IN >9 OR <6, THE ASSOCIATED PROJECT ACTIVITIES SHALL CEASE IMMEDIATELY UNTIL ADEQUATE BMPS ARE IMPLEMENTED, INCLUDING STOPPING WORK. THE REGIONAL WATER BOARD WILL BE NOTIFIED BY THE HCRCD PROMPTLY AND IN NO CASE MORE THAN 24 HOURS AFTER THE UNAUTHORIZED DISCHARGE OR WATER QUALITY PROBLEM ARISES.</div><div>19. FENCE LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. CONTRACTOR SHALL VERIFY FENCE LOCATIONS WITHIN WORK AREA. FENCES SHALL NOT BE REMOVED OR ALTERED UNLESS AUTHORIZED BY HCRCD.</div><div>20. CONTRACTOR'S USE OF THE PREMISES SHALL BE LIMITED TO WITHIN THE LIMITS OF WORK. ACCESS ROUTES AND THE STAGING AREAS AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL NOT ENTER INTO ANY OTHER AREAS FOR ANY REASON WITHOUT PRIOR AUTHORIZATION FROM THE HCRCD.</div><div>21. PRIOR TO MOBILIZATION THE HCRCD WILL CONDUCT CLEARANCE SURVEYS WITHIN THE PROJECT AREA TO CLEAR ALL SENSITIVE SPECIES. DEPENDING UPON PRESENCE OF SPECIES, OPERATING MACHINERY EXCLUSION ZONES COULD RANGE FROM 100 TO 500' AND ALTERNATIVE MEANS AND METHODS MAY BE REQUIRED TO COMPLETE THE WORK WITHIN THE SPECIFIED SCHEDULE AND SUBJECT TO HCRCD APPROVAL. IF SENSITIVE SPECIES ARE DETECTED, CONSTRUCTION MAY BE DELAYED UNTIL SPECIES HAVE BEEN RELOCATED OR FLEDGED.</div></div>	<div><div>BOUNDARY &/OR TOPOGRAPHIC:</div><div><div><div>NEW</div><div><div>X</div></div><div>90+00</div></div><div><div>DESCRIPTION</div><div>FENCE (NEW)</div><div>CONCRETE PAVING</div><div>TRAIL STATIONS</div><div>NEW TRAIL / ROAD</div><div>ENHANCED TRAIL / ROAD</div><div>BOAT LAUNCH TRAIL</div></div></div><div><div>EXISTING</div><div><div>----</div><div>-----X-----</div><div>-----</div></div><div><div>DESCRIPTION</div><div>CDFW PARCEL BOUNDARY</div><div>ADJACENT PROPERTY BOUNDARIES</div><div>CHANNEL</div><div>MAPPED UPLAND AREAS</div><div>FENCE (EXISTING)</div><div>TOPOGRAPHIC CONTOURS</div></div></div></div> <div><div>REFERENCE NOTES SCHEDULE</div><table><tr><th>SYMBOL</th><th>DESCRIPTION</th><th>DETAIL</th></tr><tr><td>1</td><td>PROJECT BOUNDARY - CDFW PARCEL BOUNDARY</td><td></td></tr><tr><td>2</td><td>PARCEL LINES - ADJACENT PROPERTY BOUNDARIES</td><td></td></tr><tr><td>3</td><td>UPLANDS - MAPPED UPLAND AREAS</td><td></td></tr><tr><td>4</td><td>ENHANCED TRAIL & ROAD - TRAIL AROUND MARSH PERIMETER TO FOLLOW EXISTING BERM ALIGNMENT.</td><td>3/L502</td></tr><tr><td>5</td><td>BOAT LAUNCH TRAIL - RIVER ACCESS FOR NON-MOTORIZED WATERCRAFTS</td><td>5/L502</td></tr><tr><td>6</td><td>NEW TRAIL & ROAD - PER PLAN AND DETAIL</td><td>4/L502</td></tr><tr><td>7</td><td>TURN AROUND - FOR PUBLIC AND EMERGENCY VEHICLE USE</td><td></td></tr><tr><td>8</td><td>PULL OUT - LOADING / UNLOADING AND BUS PARKING ZONE</td><td></td></tr><tr><td>9</td><td>PARKING AREA - PARKING FOR 15 VEHICLES (ONE ADA SPACE)</td><td></td></tr><tr><td>10</td><td>TRAILHEAD INFORMATION KIOSK SIGN - SIGN CONTENT BY OTHERS</td><td>6/L501</td></tr><tr><td>11</td><td>INTERPERTIVE / WAYFINDING SIGN - SIGN CONTENT BY OTHERS</td><td>5/L501</td></tr><tr><td>12</td><td>ACCESS RULES & REGULATION SIGN - SIGN CONTENT BY OTHERS</td><td>5/L501</td></tr><tr><td>13</td><td>BENCH - PER PLAN AND DETAIL</td><td>4/L501</td></tr><tr><td>14</td><td>PICNIC TABLE - PER PLAN AND DETAIL</td><td>2/L501</td></tr><tr><td>15</td><td>BIKE RACKS - PER PLAN AND DETAIL</td><td>1/L501</td></tr><tr><td>16</td><td>ACCESS GATE - 16-FOOT WIDE DOUBLE SWING GATE MAINTAINED AND CONTROLLED BY CDFW PER PLAN AND DETAIL</td><td>8/L502</td></tr><tr><td>17</td><td>TRAIL ACCESS GATE - 8-FOOT WIDE SINGLE SWING GATE MAINTAINED AND CONTROLLED BY CDFW PER PLAN AND DETAIL</td><td>7/L502</td></tr><tr><td>18</td><td>CONCRETE PAVING - OUTDOOR RECREATION ACCESS ROUTE CONNECTING ADA PARKING TO TRAILHEAD AND PICNIC FACILITIES</td><td>1/L502</td></tr><tr><td>19</td><td>WHEEL STOP - CONCRETE PER DETAIL</td><td>2/L502</td></tr><tr><td>20</td><td>PARKING STALL DELINEATION - RECYCLED FIRE HOSE TACKED IN PLACE</td><td></td></tr><tr><td>21</td><td>ADA PARKING STALL - ADA PARKING SPACE SHALL BE STRIPED AND FULLY COMPLIANT W/ SECTION 11B-502 OF THE CBC</td><td></td></tr><tr><td>22</td><td>FENCE (N) - NEW FENCE PER PLAN AND DETAIL</td><td>6/L502</td></tr><tr><td>23</td><td>FENCE (E) - PROTECT IN PLACE</td><td></td></tr><tr><td>24</td><td>GRAZING ACCESS GATE - MAINTAINED AND CONTROLLED BY LEASEE FOR GRAZING OPERATIONS.</td><td>8/L502</td></tr></table></div>	SYMBOL	DESCRIPTION	DETAIL	1	PROJECT BOUNDARY - CDFW PARCEL BOUNDARY		2	PARCEL LINES - ADJACENT PROPERTY BOUNDARIES		3	UPLANDS - MAPPED UPLAND AREAS		4	ENHANCED TRAIL & ROAD - TRAIL AROUND MARSH PERIMETER TO FOLLOW EXISTING BERM ALIGNMENT.	3/L502	5	BOAT LAUNCH TRAIL - RIVER ACCESS FOR NON-MOTORIZED WATERCRAFTS	5/L502	6	NEW TRAIL & ROAD - PER PLAN AND DETAIL	4/L502	7	TURN AROUND - FOR PUBLIC AND EMERGENCY VEHICLE USE		8	PULL OUT - LOADING / UNLOADING AND BUS PARKING ZONE		9	PARKING AREA - PARKING FOR 15 VEHICLES (ONE ADA SPACE)		10	TRAILHEAD INFORMATION KIOSK SIGN - SIGN CONTENT BY OTHERS	6/L501	11	INTERPERTIVE / WAYFINDING SIGN - SIGN CONTENT BY OTHERS	5/L501	12	ACCESS RULES & REGULATION SIGN - SIGN CONTENT BY OTHERS	5/L501	13	BENCH - PER PLAN AND DETAIL	4/L501	14	PICNIC TABLE - PER PLAN AND DETAIL	2/L501	15	BIKE RACKS - PER PLAN AND DETAIL	1/L501	16	ACCESS GATE - 16-FOOT WIDE DOUBLE SWING GATE MAINTAINED AND CONTROLLED BY CDFW PER PLAN AND DETAIL	8/L502	17	TRAIL ACCESS GATE - 8-FOOT WIDE SINGLE SWING GATE MAINTAINED AND CONTROLLED BY CDFW PER PLAN AND DETAIL	7/L502	18	CONCRETE PAVING - OUTDOOR RECREATION ACCESS ROUTE CONNECTING ADA PARKING TO TRAILHEAD AND PICNIC FACILITIES	1/L502	19	WHEEL STOP - CONCRETE PER DETAIL	2/L502	20	PARKING STALL DELINEATION - RECYCLED FIRE HOSE TACKED IN PLACE		21	ADA PARKING STALL - ADA PARKING SPACE SHALL BE STRIPED AND FULLY COMPLIANT W/ SECTION 11B-502 OF THE CBC		22	FENCE (N) - NEW FENCE PER PLAN AND DETAIL	6/L502	23	FENCE (E) - PROTECT IN PLACE		24	GRAZING ACCESS GATE - MAINTAINED AND CONTROLLED BY LEASEE FOR GRAZING OPERATIONS.	8/L502
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<div><div>1. THE CONTRACTOR SHALL STAKE THE LIMIT OF WORK BOUNDARY, THE TRAIL ALIGNMENT, AND ALIGNMENT OF THE NON-MOTORIZED BOAT LAUNCH.</div><div>2. THE HCRCD WILL CONDUCT SENSITIVE SPECIES CLEARANCE SURVEYS WITHIN THE PROJECT AREA.</div><div>3. THE FIRST ORDER OF WORK WILL BE FOR THE CONTRACTOR TO PROVIDE A SPILL RESPONSE PLAN AND PREPARE AND SUBMIT A WORK PLAN, PROGRESS SCHEDULE, NOTICE OF MATERIALS (INDICATING THE NAMES AND ADDRESSES OF SUPPLIERS) TO BE USED ON THE PROJECT, FOR REVIEW AND ACCEPTANCE BY HCRCD.</div><div>THE CONTRACTOR SHALL ALLOW TWO (2) WORKING DAYS FOR THE HCRCD'S REVIEW OF THE ABOVE SUBMITTAL.</div><div>THE ABOVE ITEMS SHALL CLEARLY DISCLOSE THE CONTRACTOR'S PROPOSED PROCEDURES AND METHODS OF OPERATION. THE PROGRESS SCHEDULE WILL BE REVIEWED FOR ACCURACY WEEKLY. ANY MODIFICATIONS TO THE PROGRESS SCHEDULE SHALL BE SUBMITTED TO THE HCRCD IN WRITING. MODIFICATIONS TO THE PROGRESS SCHEDULE WILL NOT CONSTITUTE APPROVAL FOR A WORK SCHEDULE EXTENSION.</div><div>PRIOR TO COMMENCEMENT THE CONTRACTOR SHALL SUBMIT A PROJECT SCHEDULE WITH DAILY ACTIVITIES, WHICH SHALL CLEARLY SHOW WHERE AND AT WHAT TIME THE CONTRACTOR ANTICIPATES WORKING.</div><div>NO WORK MAY BEGIN UNDER THE CONTRACT UNTIL THE WORK PLAN, PROGRESS SCHEDULE, AND LIST OF MATERIALS HAVE BEEN APPROVED BY THE HCRCD. TIME REQUIRED FOR REVIEW AND APPROVAL OF THESE ITEMS SHALL NOT CONSTITUTE A BASIS FOR CONTRACT TIME EXTENSION.</div><div>4. THE SECOND ORDER OF WORK, PRIOR TO COMMENCING WORK, SHALL INCLUDE CONTACTING USA PER UTILITY NOTES.</div><div>5. THE THIRD ORDER OF WORK SHALL INCLUDE THE INSTALLATION OF WATER POLLUTION CONTROL BMPS.</div><div>6. THE FOURTH ORDER OF WORK SHALL INCLUDE INSTALLING PROJECT IMPROVEMENTS.</div><div>7. THE FIFTH ORDER OF WORK SHALL INCLUDE DISPOSAL OF MATERIALS OFF SITE.</div><div>8. THE SIXTH ORDER OF WORK SHALL INCLUDE SITE CLEAN UP.</div></div>																																																																													
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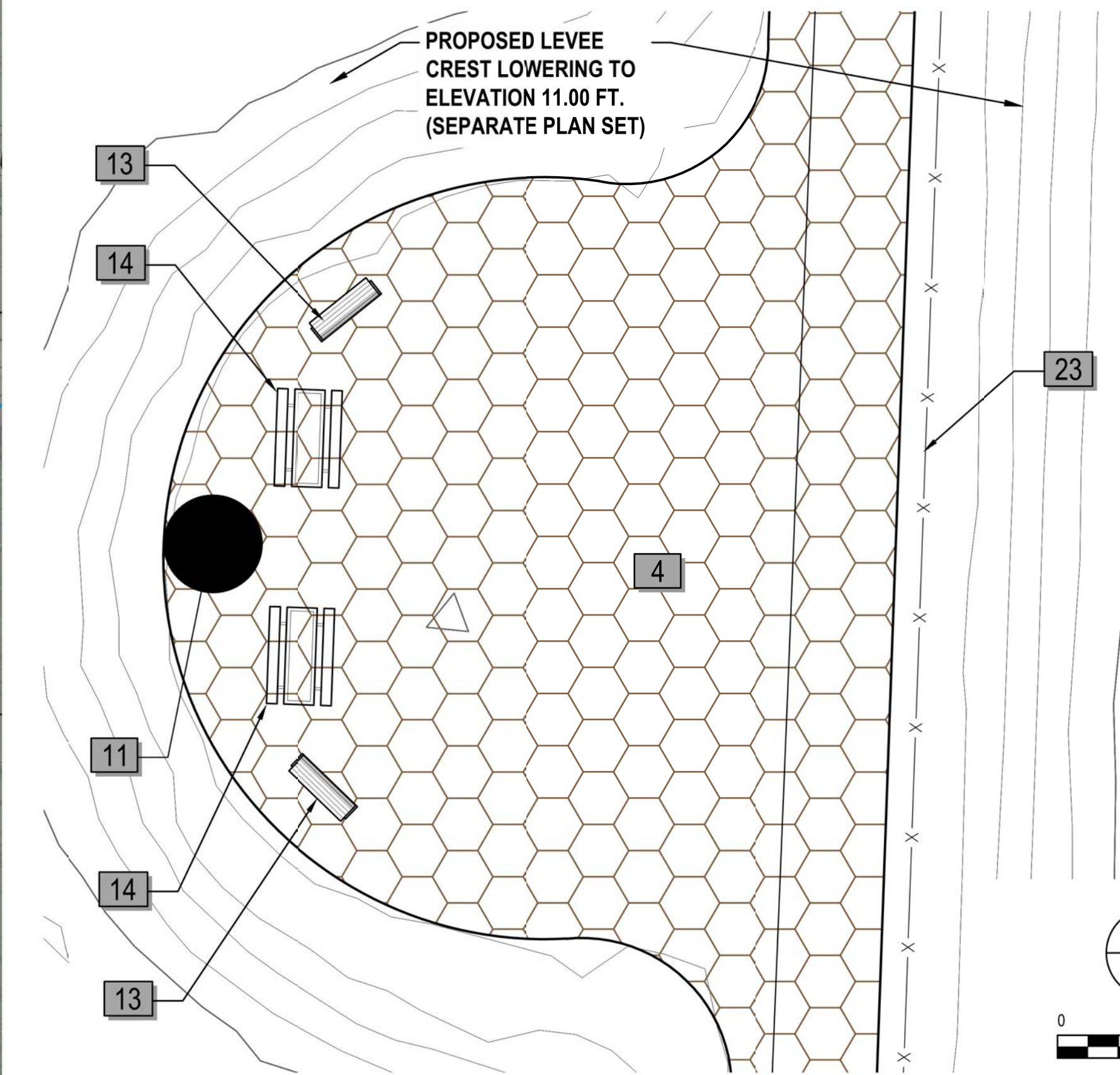
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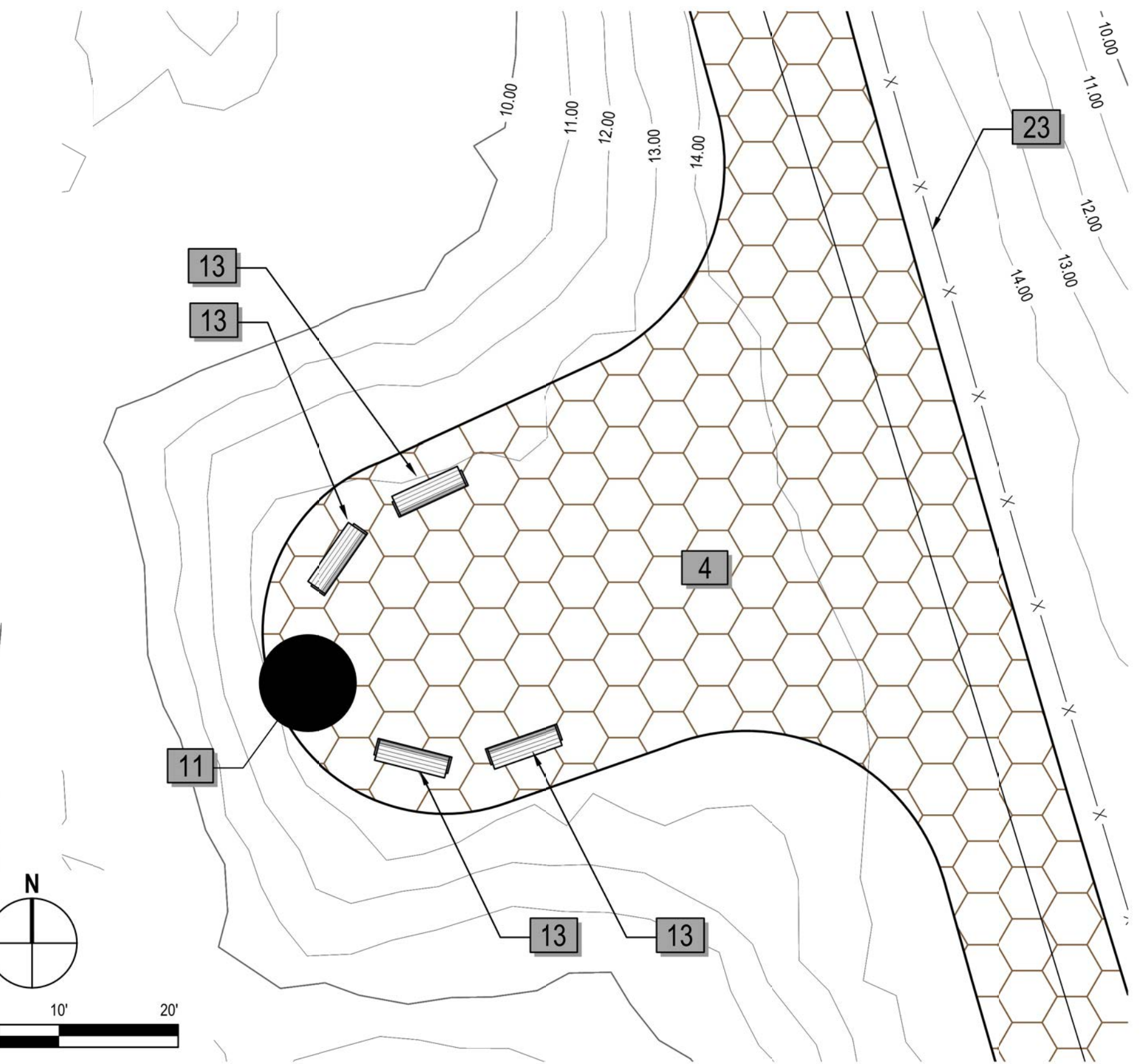
SITE LANDSCAPE NOTES:			SEED APPLICATION NOTES																																																															
<div><div><div><div>1.</div><div>ALL DISTURBED AREAS TO BE SEEDED WITH ORGANIC NATIVE OR PASTURE MIX AND RATE APPROVED BY THE HCRCD.</div></div><div><div>2.</div><div>ALL SEED SHALL BE PROVIDED BY THE CONTRACTOR AT THE PROPORTIONS PRESENTED IN THE FOLLOWING TABLES:</div></div></div><table><tr><th colspan="3">FRESHWATER SEED MIX</th></tr><tr><th>Scientific Name</th><th>Common Name</th><th>Pounds of Pure Live Seed/Acre</th></tr><tr><td><i>Bromus carinatus</i></td><td>California brome</td><td>6.0</td></tr><tr><td><i>Deschampsia cespitosa ssp. cespitosa</i></td><td>tufted hairgrass</td><td>2.0</td></tr><tr><td><i>Elymus glaucus</i></td><td>blue wild rye</td><td>8.0</td></tr><tr><td><i>Elymus X Triticum</i></td><td>regreen hybrid wheatgrass</td><td>15.0</td></tr><tr><td><i>Festuca rubra</i></td><td>red fescue</td><td>10.0</td></tr><tr><td><i>Hordeum brachyantherum</i></td><td>meadow barley</td><td>10.0</td></tr><tr><td><i>Scirpus microcarpus</i></td><td>panicled bulrush</td><td>2.0</td></tr><tr><td colspan="2">TOTAL</td><td>53.0</td></tr></table><table><tr><th colspan="3">ORGANIC PASTURE SEED MIX</th></tr><tr><th>Scientific Name</th><th>Common Name</th><th>Pounds of Pure Live Seed/Acre</th></tr><tr><td><i>Lolium perenne</i>1</td><td>tetraploid perennial ryegrass</td><td>8.0</td></tr><tr><td><i>Trifolium alexandrinum</i></td><td>Berseem clover</td><td>5.0</td></tr><tr><td><i>Lotus corniculatus</i></td><td>Birdsfeet trefoil</td><td>3.0</td></tr><tr><td><i>Trifolium pratense</i></td><td>Barduro red clover</td><td>5.0</td></tr><tr><td><i>Trifolium repens</i></td><td>white clover (ladino type)</td><td>3.0</td></tr><tr><td><i>Trifolium fragiferum</i></td><td>Salina clover</td><td>2.0</td></tr><tr><td><i>Lolium perenne multiflorum</i>1</td><td>Italian ryegrass</td><td>4.0</td></tr><tr><td><i>Lolium multiflorum</i>1</td><td>Tetraploid annual ryegrass</td><td>3.0</td></tr><tr><td colspan="2">TOTAL</td><td>33.0</td></tr></table><div>1The Jepson Manual, 2nd edition (Baldwin et al. 2012) recognizes <i>Festuca perennis</i>, however many seed suppliers use the names <i>Lolium perenne</i> and <i>L. multiflorum</i> as synonyms.</div></div> <div><div><div>3.</div><div>THE ORGANIC PASTURE MIX SHALL BE APPLIED TO THE STAGING AREA EAST OF THE ACCESS ROAD. ALL OTHER DISTURBED AREAS ASSOCIATED WITH THE TRAIL SHALL RECEIVE THE FRESHWATER MIX.</div></div><div><div>4.</div><div><div>PASTURE SEED<div><div>a.</div><div>ALL PASTURE SEED SHALL BE ORGANIC. IN THE EVENT THAT SPECIES IN THE SPECIFIED PASTURE MIX ARE NOT ALL COMMERCIALY AVAILABLE AS CERTIFIED ORGANIC SEED, CONTRACTOR SHALL PROVIDE WRITTEN CERTIFICATION FROM SEED SUPPLIER STATING SUCH OR PROVIDE ALTERNATIVE ORGANIC SEED MIX FOR REVIEW AND APPROVAL.</div></div><div><div>b.</div><div>SEED SHALL BE ENDOPHYTE-FREE.</div></div><div><div>c.</div><div>SEED SHALL BE NON-GMO.</div></div></div></div><div><div>5.</div><div><div>INOCULUM SOURCES SHALL BE SPECIES-SPECIFIC AND SHALL BE APPLIED AT A RATE OF TWO (2) POUNDS OF INOCULUM PER ONE HUNDRED (100) POUNDS OF SEEDS.</div><div><div>d.</div><div>LEGUME SEED SHALL BE SOWN WITHIN NINETY (90) CALENDAR DAYS AFTER INOCULATION OR SHALL BE RE-INOCULATED PRIOR TO SOWING.</div></div><div><div>e.</div><div>INOCULATED LEGUME SEED SHALL HAVE A CALCIUM CARBONATE COATING.</div></div></div></div><div><div>6.</div><div>SEEDS SHALL BE OBTAINED FROM REGIONALLY APPROPRIATE SOURCES. SEED COLLECTED FROM WITHIN COASTAL HUMBOLDT COUNTY IS PREFERABLE AND SEED FROM ALTERNATIVE COASTAL SOURCES BETWEEN SAN FRANCISCO BAY AND COOS BAY WILL BE SUBJECT TO HCRCD'S APPROVAL. CONTRACTOR SHALL COORDINATE WITH THE HCRCD THIRTY (30) WORKING DAYS PRIOR TO SEEDING TO OBTAIN THESE APPROVALS. SEED MAY BE AVAILABLE FROM PACIFIC COAST SEED, 533 HAWTHORN PLACE, LIVERMORE, CA (925) 373-4417; HEDGEROW FARMS, 21740 COUNTY ROAD 88, WINTERS, CA (530) 662-6847; S & S SEEDS, P.O. BOX 1275 CARPINTERIA, CA (805) 684-0436; LARNER SEEDS, 235 GROVE RD, BOLINAS, CA (415) 868-5407; <u>SUNMARK SEEDS</u>, 18032 NE AIRPORT WAY, PORTLAND, OR (888) 214-7333; OR APPROVED EQUAL.</div></div></div></div>			FRESHWATER SEED MIX			Scientific Name	Common Name	Pounds of Pure Live Seed/Acre	<i>Bromus carinatus</i>	California brome	6.0	<i>Deschampsia cespitosa ssp. cespitosa</i>	tufted hairgrass	2.0	<i>Elymus glaucus</i>	blue wild rye	8.0	<i>Elymus X Triticum</i>	regreen hybrid wheatgrass	15.0	<i>Festuca rubra</i>	red fescue	10.0	<i>Hordeum brachyantherum</i>	meadow barley	10.0	<i>Scirpus microcarpus</i>	panicled bulrush	2.0	TOTAL		53.0	ORGANIC PASTURE SEED MIX			Scientific Name	Common Name	Pounds of Pure Live Seed/Acre	<i>Lolium perenne</i> 1	tetraploid perennial ryegrass	8.0	<i>Trifolium alexandrinum</i>	Berseem clover	5.0	<i>Lotus corniculatus</i>	Birdsfeet trefoil	3.0	<i>Trifolium pratense</i>	Barduro red clover	5.0	<i>Trifolium repens</i>	white clover (ladino type)	3.0	<i>Trifolium fragiferum</i>	Salina clover	2.0	<i>Lolium perenne multiflorum</i> 1	Italian ryegrass	4.0	<i>Lolium multiflorum</i> 1	Tetraploid annual ryegrass	3.0	TOTAL		33.0	<div><div>BROADCAST SEEDING</div><div><div>A. GENERAL</div><div><div>1.</div><div>CONTRACTOR MAY PROPOSE HYDROSEEDING APPLICATION AS AN ALTERNATIVE TO BROADCAST SEEDING. AREAS AND METHODS SHALL BE SUBMITTED TO AND ARE SUBJECT TO HCRCD APPROVAL.</div></div><div><div>2.</div><div>CONTRACTOR MAY PROPOSE DRILL SEED APPLICATION AS AN ALTERNATIVE TO BROADCAST SEEDING. AREAS AND METHODS SHALL BE SUBMITTED TO AND ARE SUBJECT TO HCRCD APPROVAL.</div></div></div><div><div>B. TIMING</div><div><div>1.</div><div>SEEDING SHALL OCCUR UPON COMPLETION OF SOIL PREPARATION WORK AND UPON REQUEST AND RECEIPT OF APPROVAL BY THE HCRCD.</div></div><div><div>2.</div><div>SEED SHALL BE APPLIED BEFORE THE ONSET OF WINTER RAINS.</div></div><div><div>3.</div><div>SEEDING SHALL BE COMPLETED BY 15 OCTOBER, UNLESS OTHERWISE APPROVED BY THE HCRCD.</div></div><div><div>4.</div><div>CONTRACTOR SHALL COORDINATE WITH THE HCRCD FOR PICK-UP AND DELIVERY OF HCRCD-SUPPLIED SEED AND SHALL REQUEST CONTRACTOR-PROVIDED SEED DELIVERY FROM SUPPLIER NO LESS THAN FIVE (5) WORKING DAYS PRIOR TO APPLICATION. CONTRACTOR SHALL KEEP ALL SEED IN A COOL, DRY, SHADED PLACE UNTIL UTILIZED.</div></div><div><div>5.</div><div>CONTRACTOR SHALL COORDINATE WITH THE HCRCD NO LESS THAN FIVE (5) WORKING DAYS PRIOR TO SEEDING SC THAT THE HCRCD CAN BE PRESENT DURING SEED APPLICATION.</div></div><div><div>6.</div><div>WORK SHALL BE PERFORMED ONLY AT TIMES WHEN WEATHER CONDITIONS AT PROJECT SITE ARE FAVORABLE. NC WORK SHALL BE PERFORMED WHEN WIND CONDITIONS PROHIBIT UNIFORM DISTRIBUTION OF SEED UNLESS APPROVED BY THE HCRCD. NO WORK SHALL BE PERFORMED AND NO EQUIPMENT SHALL BE OPERATED WHEN SOILS ARE SATURATED.</div></div></div><div><div>C. LAYOUT</div><div><div>1.</div><div>SEED SHALL BE APPLIED IN ACCORDANCE TO THE AREAS SHOWN ON PLANS AND ANY ADDITIONAL AREAS IMPACTED BY CONSTRUCTION; INCLUDING UNPAVED ACCESS, STAGING, STOCKPILING, AND HAUL ROUTES NECESSARY TO ACCESS TO SEDIMENT APPLICATION AREAS.</div></div><div><div>2.</div><div>CONTRACTOR SHALL FLAG ALL SEEDING AREAS AND THE HCRCD SHALL APPROVE ALL AREAS TO BE SEEDED PRIOR TO SEEDING.</div></div><div><div>3.</div><div>CONTRACTOR SHALL LIMIT FOOT AND EQUIPMENT` TRAFFIC AND STORAGE OF SUPPLIES IN SEEDED AREAS.</div></div></div><div><div>D. PREPARATION OF SEEDING AREAS</div><div><div>1.</div><div>SOIL PREPARATION WITHIN SEEDING AREAS SHALL OCCUR PRIOR TO BROADCAST SEEDING PER SUB-SECTION SOIL PREPARATION.</div></div><div><div>2.</div><div>CLEAR ALL AREAS TO BE SEEDED OF SUBSTANTIAL DEBRIS AND ANY OTHER IMPEDIMENTS TO SEED-SOIL CONTACT</div></div></div><div><div>E. SEED APPLICATION</div><div><div>1.</div><div>SEED SHALL BE DELIVERED TO THE PROJECT SITE IN UNOPENED SEPARATE CONTAINERS WITH THE SEED TAG ATTACHED. CONTAINERS WITHOUT A SEED TAG ATTACHED WILL NOT BE ACCEPTED.</div></div><div><div>2.</div><div>LIMIT FOOT TRAFFIC OR STORAGE OF SUPPLIES IN SEEDED AREAS.</div></div><div><div>3.</div><div>APPLY THE SEED MIX EVENLY AND AT THE RATES SPECIFIED IN THE TABLES IN SUB-SECTION SEED.</div></div><div><div>4.</div><div>ANY REMAINING SEED SHALL BE APPLIED EVENLY TO THE AREAS SHOWN ON THE PLANS.</div></div><div><div>5.</div><div>CONTRACTOR SHALL USE APPROPRIATE EQUIPMENT SUCH AS A RAKE OR LIGHT HARROW IMMEDIATELY AFTER APPLICATION TO LIGHTLY TO COVER SEED WITH 1/8-INCH TO 1/4-INCH LAYER OF SOIL. SEED COVER SHALL NOT EXCEED 1/4 INCH.</div></div><div><div>6.</div><div>AFTER THE SITE HAS BEEN SEEDED, STRAW SHALL BE APPLIED PER SUB-SECTION STRAW AND TACKIFIER APPLICATION.</div></div></div></div>
FRESHWATER SEED MIX																																																																		
Scientific Name	Common Name	Pounds of Pure Live Seed/Acre																																																																
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TOTAL		33.0																																																																



TRAIL ALIGNMENT AND ACCESS OVERVIEW



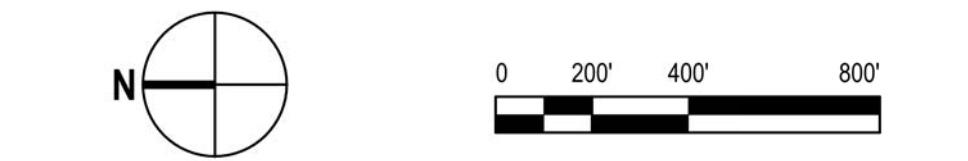
REST AREA / OVERLOOK 1 ENLARGEMENT

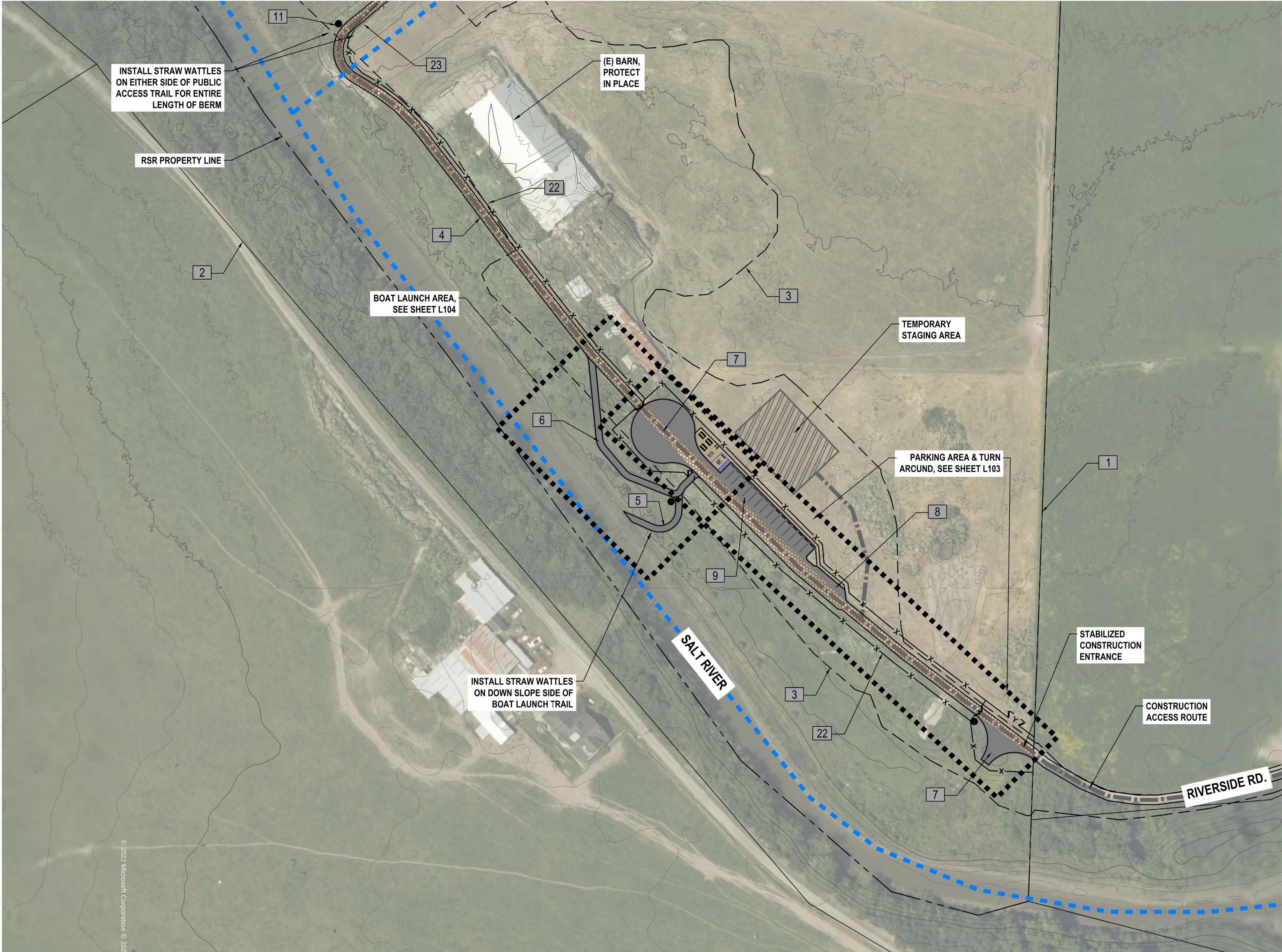


REST AREA / OVERLOOK 2 ENLARGEMENT

SHEET CALLOUTS

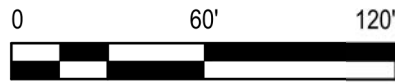
SYMBOL	DESCRIPTION	DETAIL
1	PROJECT BOUNDARY - CDFW PARCEL BOUNDARY	
2	PARCEL LINES - ADJACENT PROPERTY BOUNDARIES	
3	UPLANDS - MAPPED UPLAND AREAS	
4	ENHANCED TRAIL & ROAD - TRAIL ALONG MARSH PERIMETER TO FOLLOW EXISTING BERM ALIGNMENT.	3/L502
5	BOAT LAUNCH TRAIL - RIVER ACCESS FOR NON-MOTORIZED WATERCRAFTS	5/L502
6	NEW TRAIL & ROAD - PER PLAN AND DETAIL	4/L502
9	PARKING AREA - PARKING FOR 15 VEHICLES (ONE ADA SPACE)	
11	INTERPRETIVE / WAYFINDING SIGN - SIGN CONTENT BY OTHERS	5/L501
13	BENCH - PER PLAN AND DETAIL	4/L501
14	PICNIC TABLE - PER PLAN AND DETAIL	2/L501
23	FENCE (E) - PROTECT IN PLACE	





SHEET CALLOUTS

SYMBOL	DESCRIPTION	DETAIL
1	PROJECT BOUNDARY - CDFW PARCEL BOUNDARY	
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3	UPLANDS - MAPPED UPLAND AREAS	
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5	BOAT LAUNCH TRAIL - RIVER ACCESS FOR NON-MOTORIZED WATERCRAFTS	5/L502
6	NEW TRAIL & ROAD - PER PLAN AND DETAIL	4/L502
7	TURN AROUND - FOR PUBLIC AND EMERGENCY VEHICLE USE	
8	PULL OUT - LOADING AND UNLOADING ZONE AND BUS PARKING ZONE	
9	PARKING AREA - PARKING FOR 15 VEHICLES (ONE ADA SPACE)	
11	INTERPRETIVE / WAYFINDING SIGN - SIGN CONTENT BY OTHERS	5/L501
22	FENCE (N) - NEW FENCE PER PLAN AND DETAIL	6/L502
23	FENCE (E) - PROTECT IN PLACE	



CONSTRUCTION ACCESS AND STAGING

PRELIMINARY

No.	Issue		Checked	Approved	Date
Author	L.Piper	Drafting Check	B.Vivyan	Project Manager	A.Hilton
Designer	L.Piper	Design Check	J.Svehla	Project Director	J.Svehla

Plot Date: 5 October 2022 - 5:44 PM
Plotted By: Lucas Piper
Filename: N:\US\Eureka\Projects\56112563417\Digital_Design\PCAD\Sheets\12563417_Public Access Plan.dwg

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Client Humboldt County Resource Conservation District
Project Riverside Ranch Public Access Design

Project No. 12563417
Date October, 2022
Scale As Shown

Title Construction Access, Staging & Erosion Control

Size ARCH D
Sheet No. L102

SHEET CALLOUTS

SYMBOL DESCRIPTION

- 1 PROJECT BOUNDARY - CDFW PARCEL BOUNDARY
- 3 UPLANDS - MAPPED UPLAND AREAS
- 4 ENHANCED TRAIL & ROAD - TRAIL AROUND MARSH PERIMETER TO FOLLOW EXISTING BERM ALIGNMENT.
- 5 BOAT LAUNCH TRAIL - RIVER ACCESS FOR NON-MOTORIZED WATERCRAFTS

- 6 NEW TRAIL & ROAD - PER PLAN AND DETAIL
- 7 TURN AROUND - FOR PUBLIC AND EMERGENCY VEHICLE USE
- 8 PULL OUT - LOADING / UNLOADING AND BUS PARKING ZONE
- 9 PARKING AREA - PARKING FOR 15 VEHICLES (ONE ADA SPACE)
- 10 TRAILHEAD INFORMATION KIOSK SIGN - SIGN CONTENT BY OTHERS

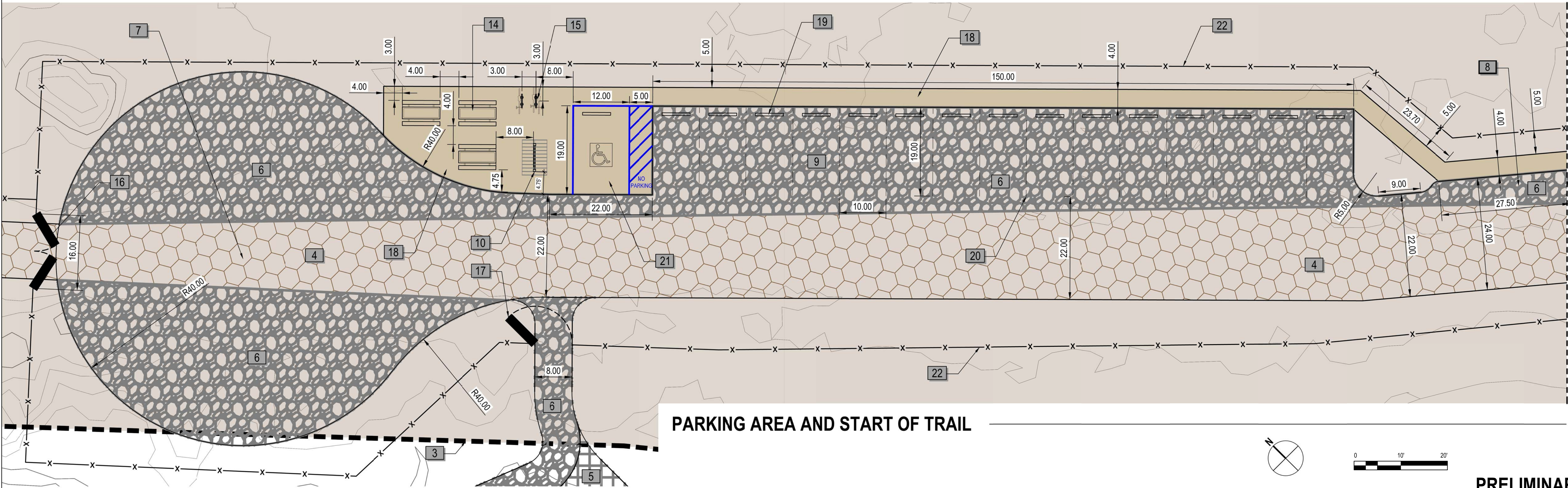
- 12 ACCESS RULES & REGULATION SIGN - SIGN CONTENT BY OTHERS
- 14 PICNIC TABLE - PER PLAN AND DETAIL
- 15 BIKE RACKS - PER PLAN AND DETAIL
- 16 ACCESS GATE - 16-FOOT WIDE DOUBLE SWING GATE MAINTAINED AND CONTROLLED BY CDFW PER PLAN AND DETAIL

- 17 TRAIL ACCESS GATE - 8-FOOT WIDE SINGLE SWING GATE MAINTAINED AND CONTROLLED BY CDFW PER PLAN AND DETAIL
- 18 CONCRETE PAVING - OUTDOOR RECREATION ACCESS ROUTE CONNECTING ADA PARKING TO TRAILHEAD AND PICNIC FACILITIES
- 19 WHEEL STOP - CONCRETE PER DETAIL
- 20 PARKING STALL DELINEATION - RECYCLED FIRE HOSE TACKED IN PLACE

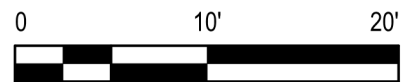
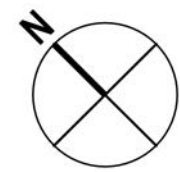
- 21 ADA PARKING STALL - ADA PARKING SPACE SHALL BE STRIPED AND FULLY COMPLIANT W/ SECTION 11B-502 OF THE CBC
- 22 FENCE (N) - NEW FENCE PER PLAN AND DETAIL
- 23 FENCE (E) - PROTECT IN PLACE
- 24 GRAZING ACCESS GATE - MAINTAINED AND CONTROLLED BY LEASEE FOR GRAZING OPERATIONS.

MATCH LINE, SEE BELOW

PROPERTY ENTRY GATE AND TURNAROUND



PARKING AREA AND START OF TRAIL



PRELIMINARY

No.	Issue		Checked	Approved	Date
Author	L.Piper	Drafting Check	B.Vivyan	Project Manager	A.Hilton
Designer	L.Piper	Design Check	J.Svehla	Project Director	J.Svehla

Plot Date: 5 October 2022 - 5:44 PM

Plotted By: Lucas Piper

Filename: N:\US\Eureka\Projects\56112563417\Digital_Design\PCAD\Sheets\12563417_Public Access Plan.dwg

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Client **Humboldt County Resource Conservation District**
Project **Riverside Ranch Public Access Design**

Project No.
12563417

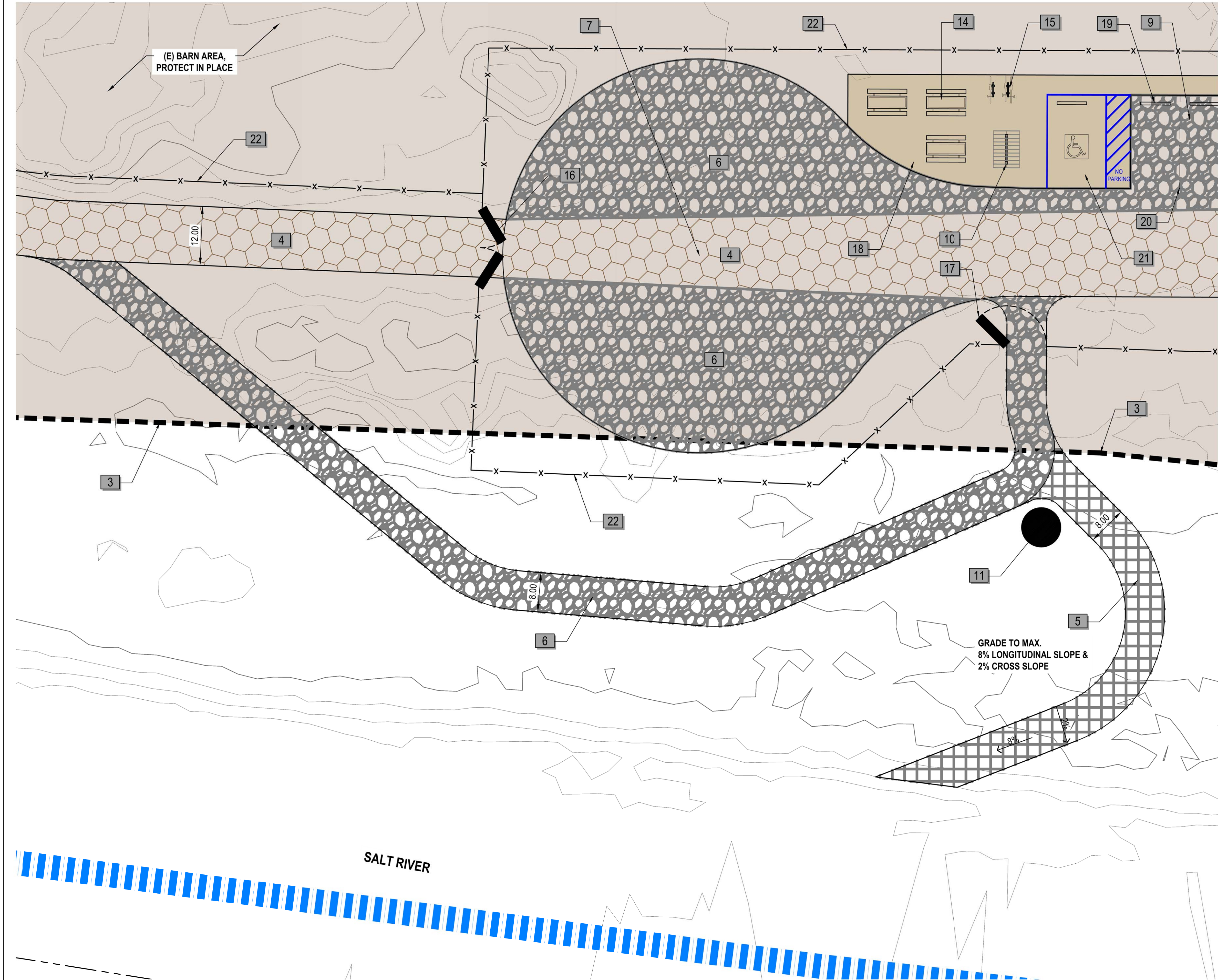
Date
October, 2022

Scale
As Shown

Title **PARKING AREA**

Size
ARCH D

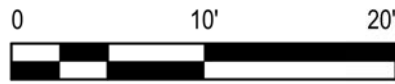
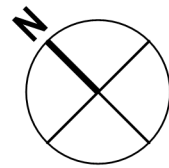
Sheet No.
L103



SHEET CALLOUTS

SYMBOL	DESCRIPTION
3	UPLANDS - MAPPED UPLAND AREAS
4	ENHANCED TRAIL & ROAD - TRAIL AROUND MARSH PERIMETER TO FOLLOW EXISTING BERM ALIGNMENT.
5	BOAT LAUNCH TRAIL - RIVER ACCESS FOR NON-MOTORIZED WATERCRAFTS
6	NEW TRAIL & ROAD - PER PLAN AND DETAIL
7	TURN AROUND - FOR PUBLIC AND EMERGENCY VEHICLE USE
9	PARKING AREA - PARKING FOR 15 VEHICLES (ONE ADA SPACE)
10	TRAILHEAD INFORMATION KIOSK SIGN - SIGN CONTENT BY OTHERS
11	INTERPRETIVE / WAYFINDING SIGN - SIGN CONTENT BY OTHERS
14	PICNIC TABLE - PER PLAN AND DETAIL
15	BIKE RACKS - PER PLAN AND DETAIL
16	ACCESS GATE - 16-FOOT WIDE DOUBLE SWING GATE MAINTAINED AND CONTROLLED BY CDFW PER PLAN AND DETAIL
17	TRAIL ACCESS GATE - 8-FOOT WIDE SINGLE SWING GATE MAINTAINED AND CONTROLLED BY CDFW PER PLAN AND DETAIL
18	CONCRETE PAVING - OUTDOOR RECREATION ACCESS ROUTE CONNECTING ADA PARKING TO TRAILHEAD AND PICNIC FACILITIES
19	WHEEL STOP - CONCRETE PER DETAIL
20	PARKING STALL DELINEATION - RECYCLED FIRE HOSE TACKED IN PLACE
21	ADA PARKING STALL - ADA PARKING SPACE SHALL BE STRIPED AND FULLY COMPLIANT W/ SECTION 11B-502 OF THE CBC
22	FENCE (N) - NEW FENCE PER PLAN AND DETAIL

BOAT LAUNCH



PRELIMINARY

Plot Date: 5 October 2022 - 5:44 PM
Plotted By: Lucas Piper
Filename: N:\US\Eureka\Projects\56112563417\Digital_Design\ACAD\Sheets\12563417_Public Access Plan.dwg

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Client **Humboldt County Resource Conservation District**
Project **Riverside Ranch Public Access Design**

Project No.
12563417

Date
October, 2022

Scale
As Shown

Title **BOAT LAUNCH**

Size
ARCH D

Sheet No.
L104

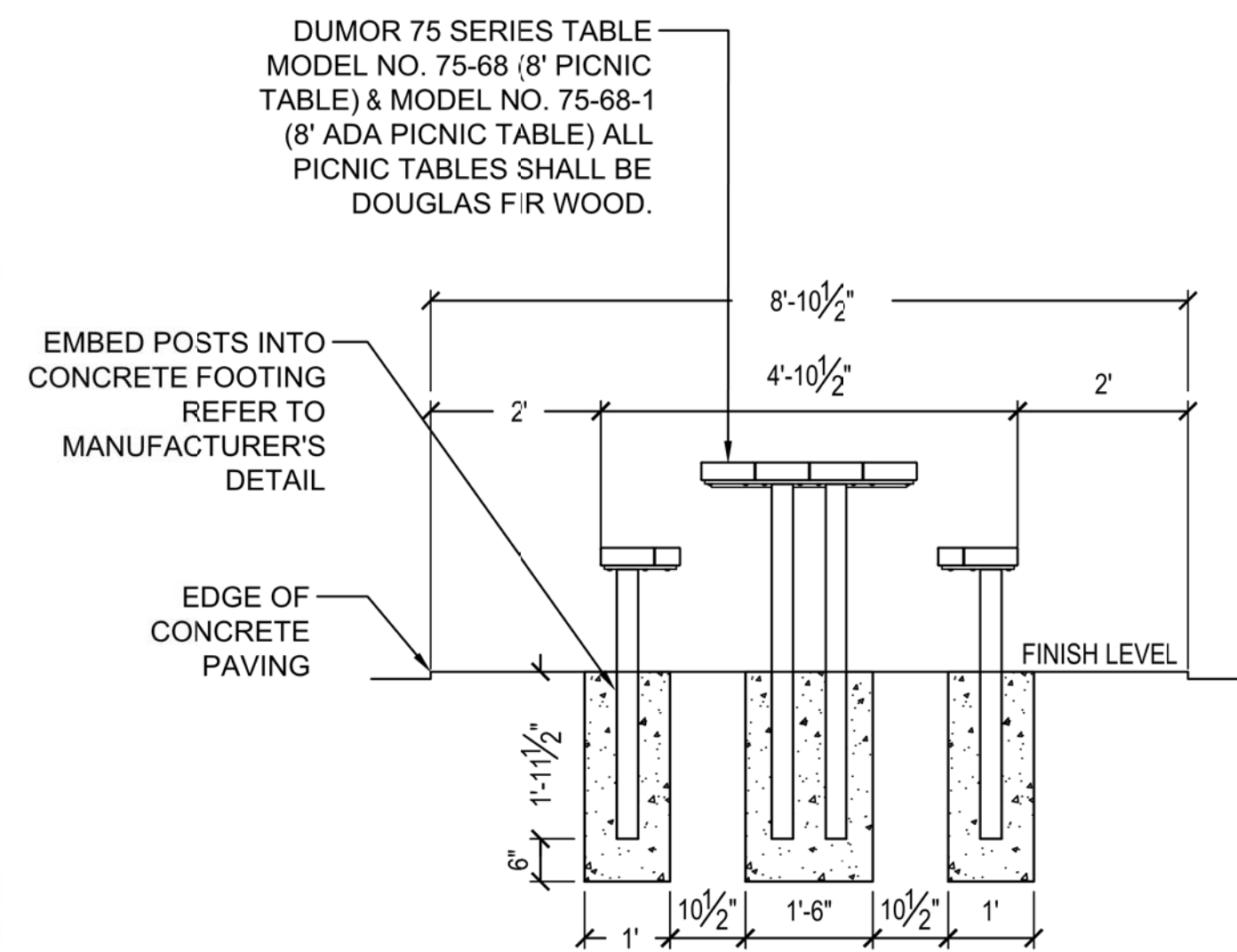
1. "INVERTED U"BIKE RACK, 2-INCH (MIN.) DIA. HOT DIPPED GALVANIZED STEEL PIPE.
2. SURFACE MOUNT VIA (2) 6" DIA. ANCHOR FLANGE WITH THREE MOUNTING HOLES EACH. SECURE TO CONCRETE WITH ANCHOR BOLTS. SPACE BETWEEN MULTIPLE BIKE RACKS SHALL BE 36" O.C.
3. ELECTROSTATICALLY APPLIED POLYESTER POWDER COAT - BLACK COLOR.
4. 90% COMPACTED SUBGRADE
5. 4" CONCRETE PAD / SIDEWALK OVER 4" BASE ROCK. SEE PLAN FOR LAYOUT.



145-1438 BIKE DOCK
"LOOP BIKE DOCK", #145-1438,
AVAILABLE FROM theparkcatalog.com,
OR APPROVED EQUAL.

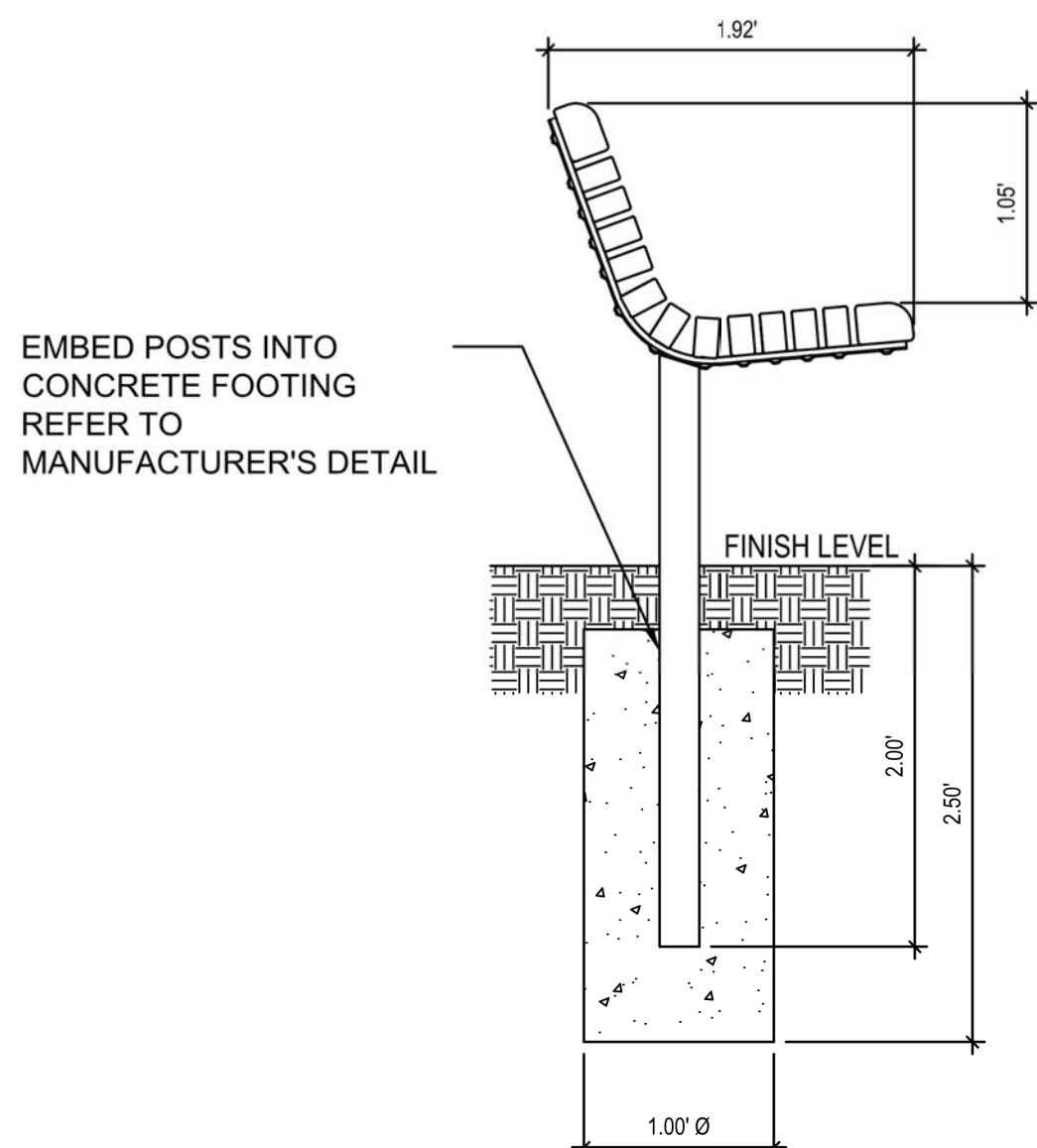
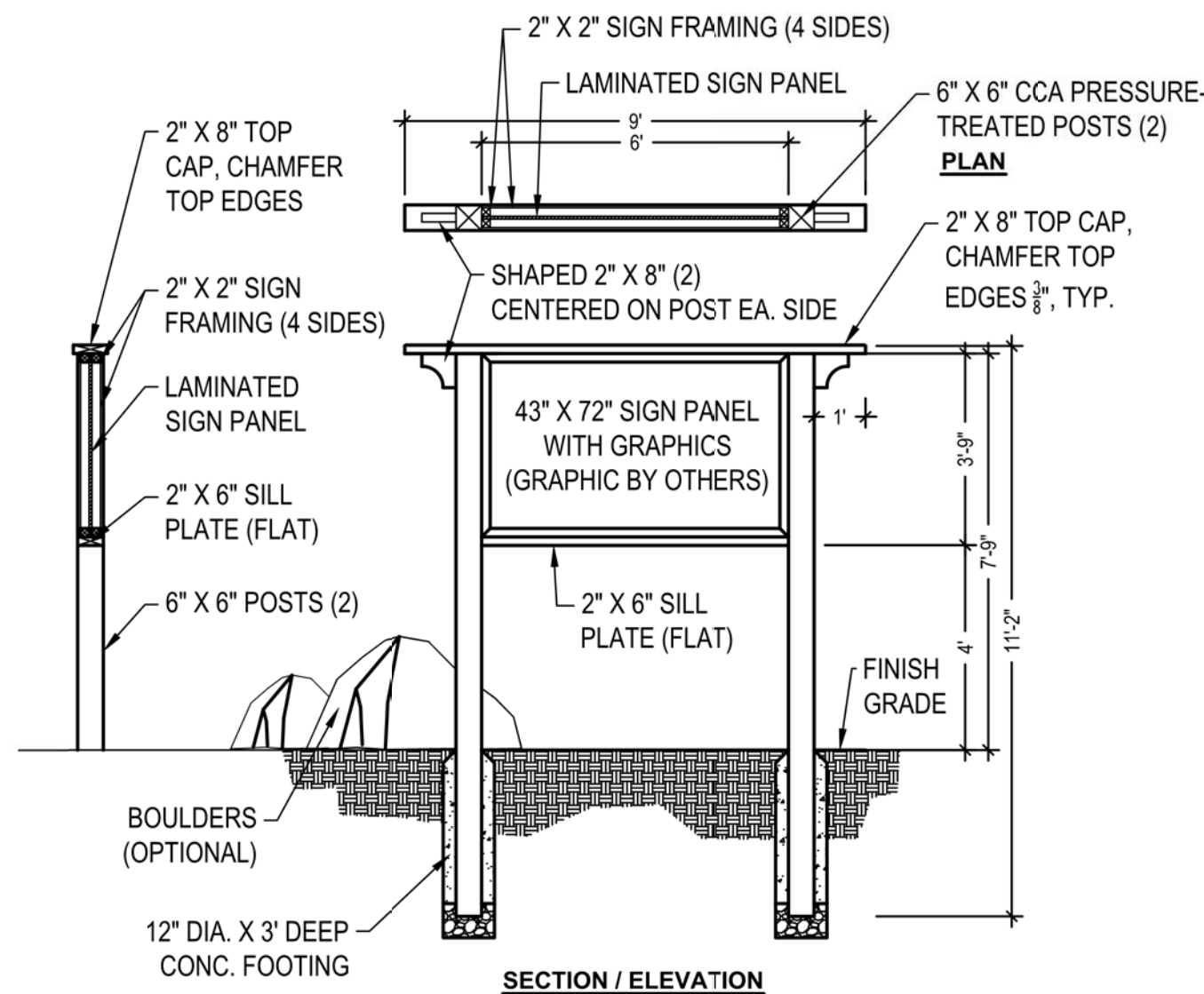
$$1/2'' = 1'-0''$$

P-RI2-01

 $1'' = 20$ 
$$1/2'' = 1'-0''$$

P-R12-57

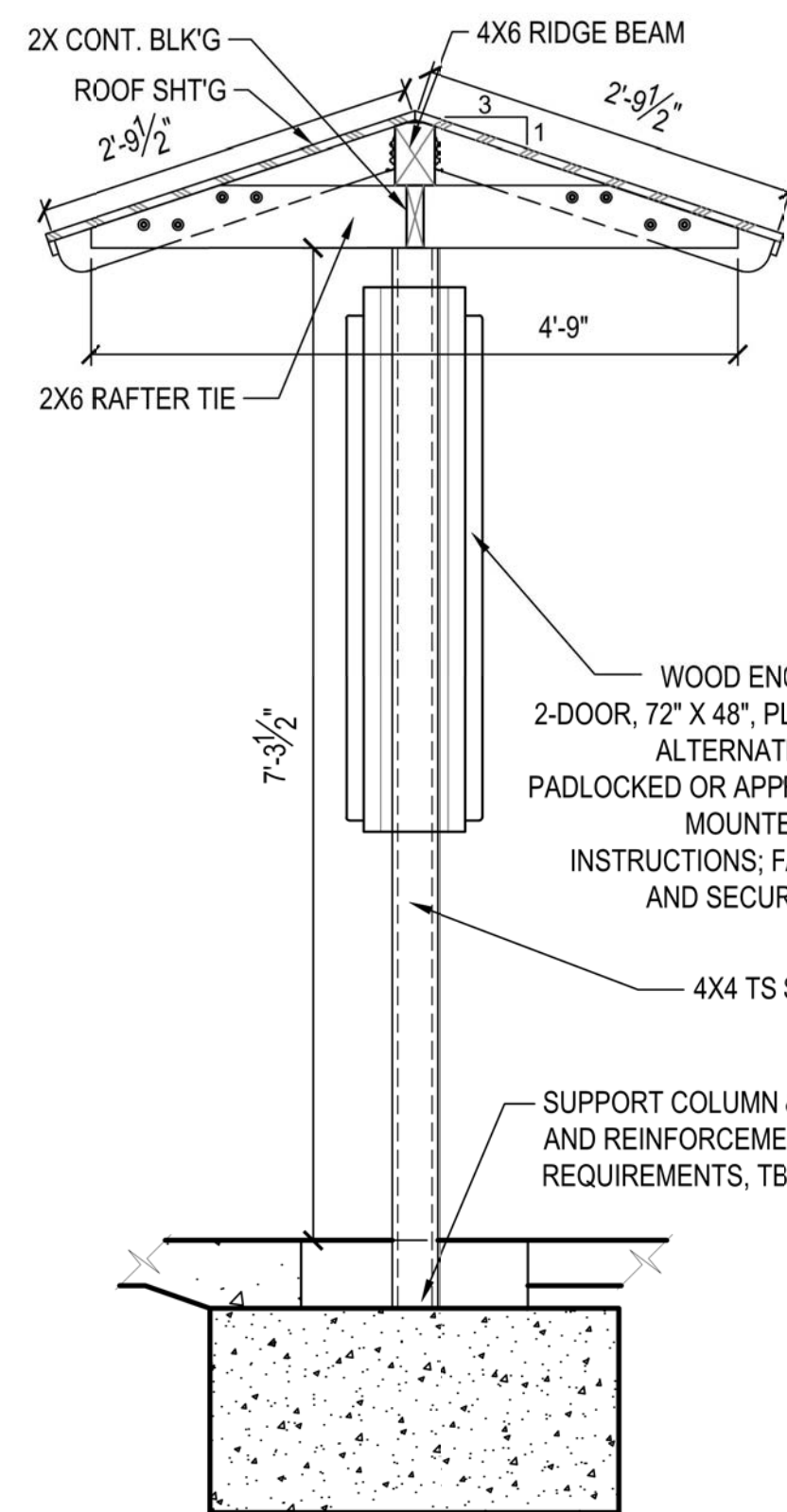
LOCATIONS: INSTALL AT LOCATIONS SHOWN ON PLANS.


$$1'' = 1'$$
$$1'' = 1'$$


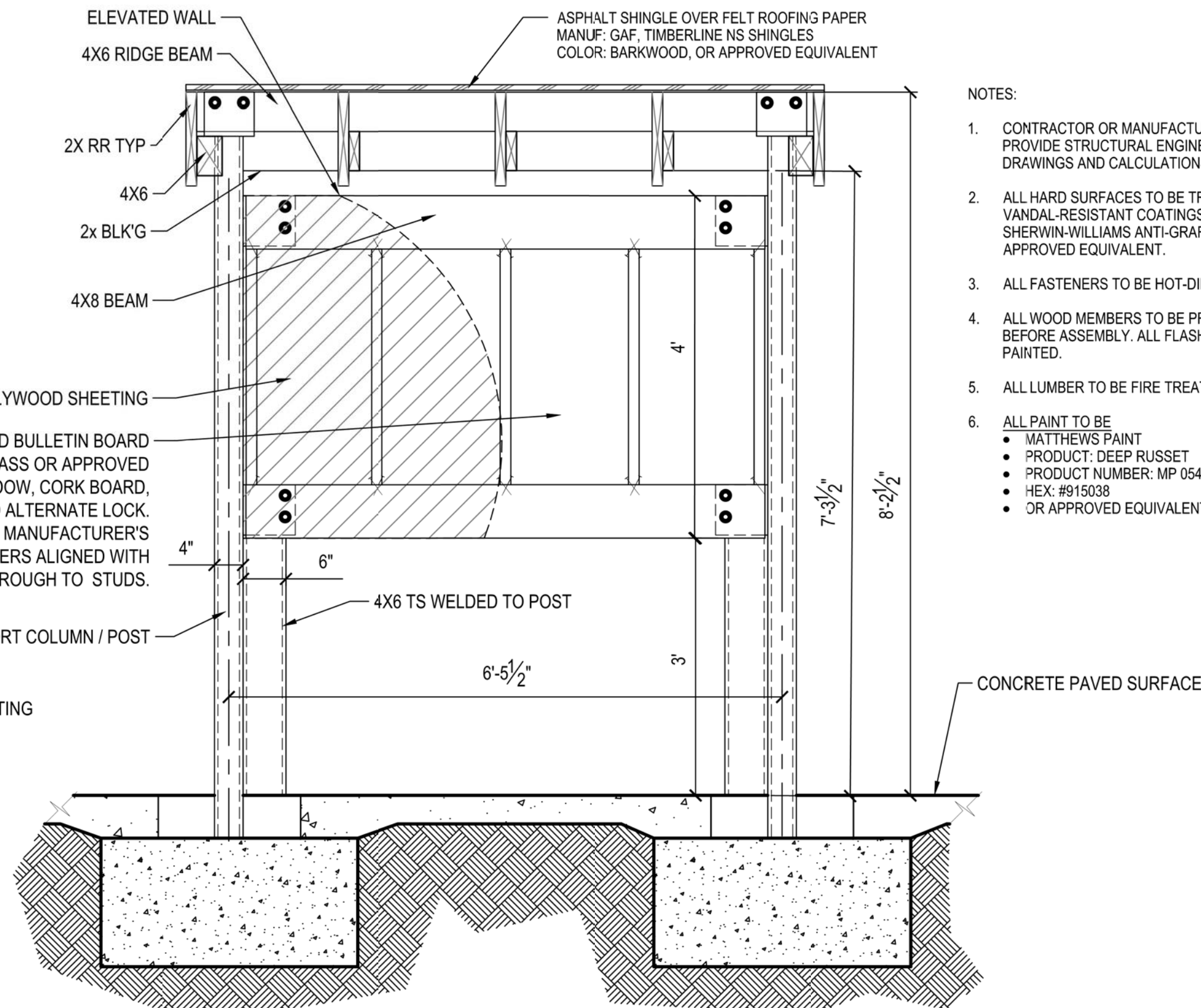
NTS

NTS

P-R12-94

 $\frac{3}{4}'' =$

3/4" = 1'-0"



NOTES:

1. CONTRACTOR OR MANUFACTURER SHALL PROVIDE STRUCTURAL ENGINEERED SHOP DRAWINGS AND CALCULATIONS.
2. ALL HARD SURFACES TO BE TREATED WITH VANDAL-RESISTANT COATINGS. SHERWIN-WILLIAMS ALL-GRAFFITI COATING OR APPROVED EQUIVALENT.
3. ALL FASTENERS TO BE HOT-DIP GALVANIZED.
4. ALL WOOD MEMBERS TO BE PRIMED AND PAINTED BEFORE ASSEMBLY. ALL FLASHING TO BE PAINTED.
5. ALL LUMBER TO BE FIRE TREATED
6. ALL PAINTS TO BE
 - MATTHEWS PAINT
 - PRODUCT: DEEP RUSSET
 - PRODUCT NUMBER: MP 054632
 - HEX: #915038
 - OR APPROVED EQUIVALENT

— CONCRETE PAVED SURFACE

P-R12-90

PRELIMINARY

Size
ARCH D

No.	Issue	Checked	Approved
Author	L.Piper	Drafting Check	B.Vivyan
Designer	L.Piper	Design Check	J.Svehla
		Project Manager	A.Hilton
		Project Director	J.Svehla

Plot Date: 5 October 2022 - 5:44 PM

Plotted By: Lucas Piper

Filename: N:\US\Eureka\Projects\561\12563417\Digital_Design\ACAD\Sheets\12563417_Public Access Plan.dwg

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Client **Humboldt County Resource
Conservation District**

Project **Riverside Ranch Public Access Design**

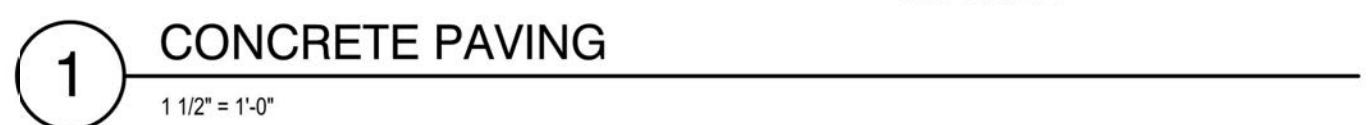
Project No.	12563417
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Date
October, 2022

Scale
As Shown

Title **AMENITY AND FURNISHING
DETAILS**

Sheet No.
L501



1' 8'

2% MAX. 2% MAX.

FINISH GRADE

9" LAYER 1-1/2" MINUS CRUSHED ROCK, COMPACTED TO 95%

SECTION

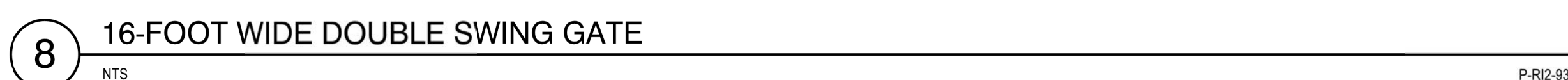
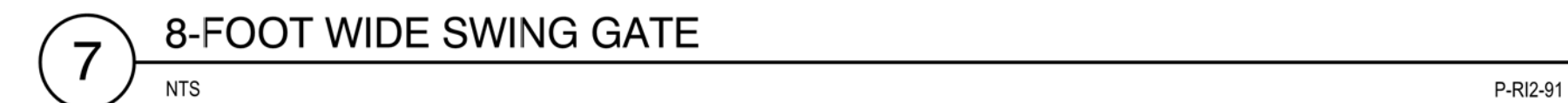
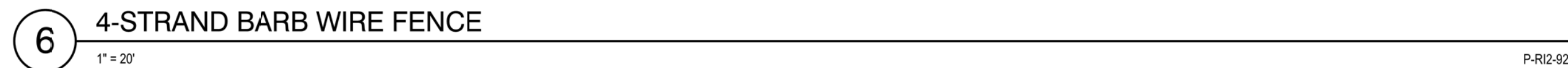
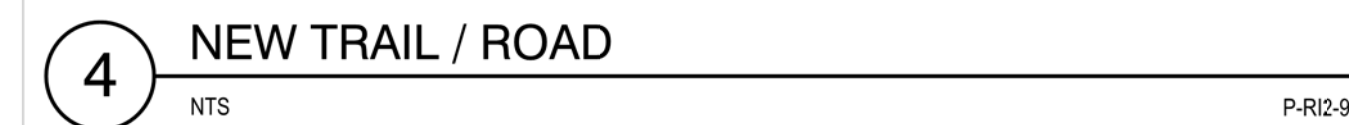
FINISH GRADE

2% MAX.

50% 50%

ENLARGED SECTION

GEO-TEXTILE FABRIC



Appendix B

CDFW Easement Documentation

Kelly – O'Hern Associates

3240 Moore Avenue – Eureka, CA 95501

Email: kellyohern@sbcglobal.net

Professional Land Surveyors

Phone and fax: 707-442-7283

May 31, 2022

Jill Demers
Humboldt County Resource Conservation District
5630 South Broadway
Eureka, CA 95503

RE: Riverside Ranch access

Dear Ms. Demers:

This letter is written as a report of our research of the recorded access to the Riverside Ranch property along Salt River. The southerly portion is identified as Humboldt County Assessor's Parcel No. (APN) 100-111-001.

The acquisition deed is Instrument No. 2012-015321-5, Humboldt County Records. Exhibit "A" Parcel One is a metes and bounds description that is illustrated on a non-record map by Paul Schmook, LS 1282. That map is on file in the office of the Humboldt County Surveyor, file no. 001 UR 908. You have provided a copy of that map also.

Exhibit "A" Parcel Two is a metes and bounds description that refers to the survey by Paul Schmook. The description of Parcel Two is for a strip of land that is identified on the Schmook map as "strip for roadway 40 feet wide." Since that strip of land is included in the conveyance of the Riverside Ranch, the owner (State of California) owns that strip of land. The strip is also identified as APN 100-111-008. The east line of the strip of land is the east line of APN 100-111-002.

A right of way deed to Humboldt County was recorded in Book 26 Deeds, Page 138. The description in the deed begins on the east line of Section 34, Township 3 North, Range 2 West, Humboldt Meridian and is also described as another easement that is currently known as Dillon Road. The courses in the road run westerly approximately 4400 feet. The description in the deed terminates at the "East edge of an already established Public Road."

The Humboldt County Road map for this area identifies the road as "Riverside Road." The length of the maintained road is 0.96 miles, from Dillon Road to the end of the road. The Right of Way division of the Humboldt County Department of Public Works indicates that there have not been any vacations of this county road. The Humboldt County easement connects to the strip of land included in the Riverside Ranch deed. Thus, there is continuous access from Dillon Road westerly along the

May 31, 2022

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County Road to the lands owned by the State of California, known as the Riverside Ranch.

Sincerely,
Kelly-O'Hern Associates

A handwritten signature in blue ink that reads "Michael J. O'Hern". The signature is written in a cursive, flowing style.

Michael J. O'Hern

