

Attachment C

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Proposed project description:

The existing berm around the Creamery and Blacksmith Shop will be expanded to surround the Historic Barn Complex prior to the levee plugs being removed (approximately three to five years following construction). The berm will be built with a top elevation above the 100-year flood elevation. The soil used to create the berm will be obtained on-site from the adjacent floodplain excavation area (therefore resulting in no increase in total earthwork). In general the berm height above existing grade will be less than 2 feet. The maximum proposed fill depth is approximately 4 feet. (Figures 1 and 2)

The berm construction will impact 0.25 acres of riparian/coastal wetland. (Figure 3) It will be mitigated at a 3:1 ratio (0.75 acres) which will be incorporated by expanding the existing mitigation planting area on State Parks property.

Existing text of CUL-9

The Creamery and Blacksmith Shop will be raised and placed on concrete foundations prior to the levee plugs being removed (approximately three to five years following construction). It is anticipated that the buildings will be elevated between six to eight inches and then placed on concrete perimeter or pier foundations. Existing engineering plans, which were originally prepared by State Parks, shall be updated prior to implementation of this measure to reflect any changed conditions or changes in building codes since the original preparation. The State Parks historian shall be contacted prior to construction work on the Creamery and Blacksmith Shop. The County intends to enter into a MOU with State Parks prior to the initiation of construction that outlines the details of this effort, including cost sharing. The MOU shall include the minimum experience requirements of the contractor(s) who bid for the lifting, cribbing, and moving of the structures and the foundation repair. The MOU shall have concurrence by the State Parks historian with regard to writing specifications for qualified contractor to raise each building, prior to executing a contract. Additionally, any required consultation with SHPO for raising of the buildings shall be conducted prior to construction.

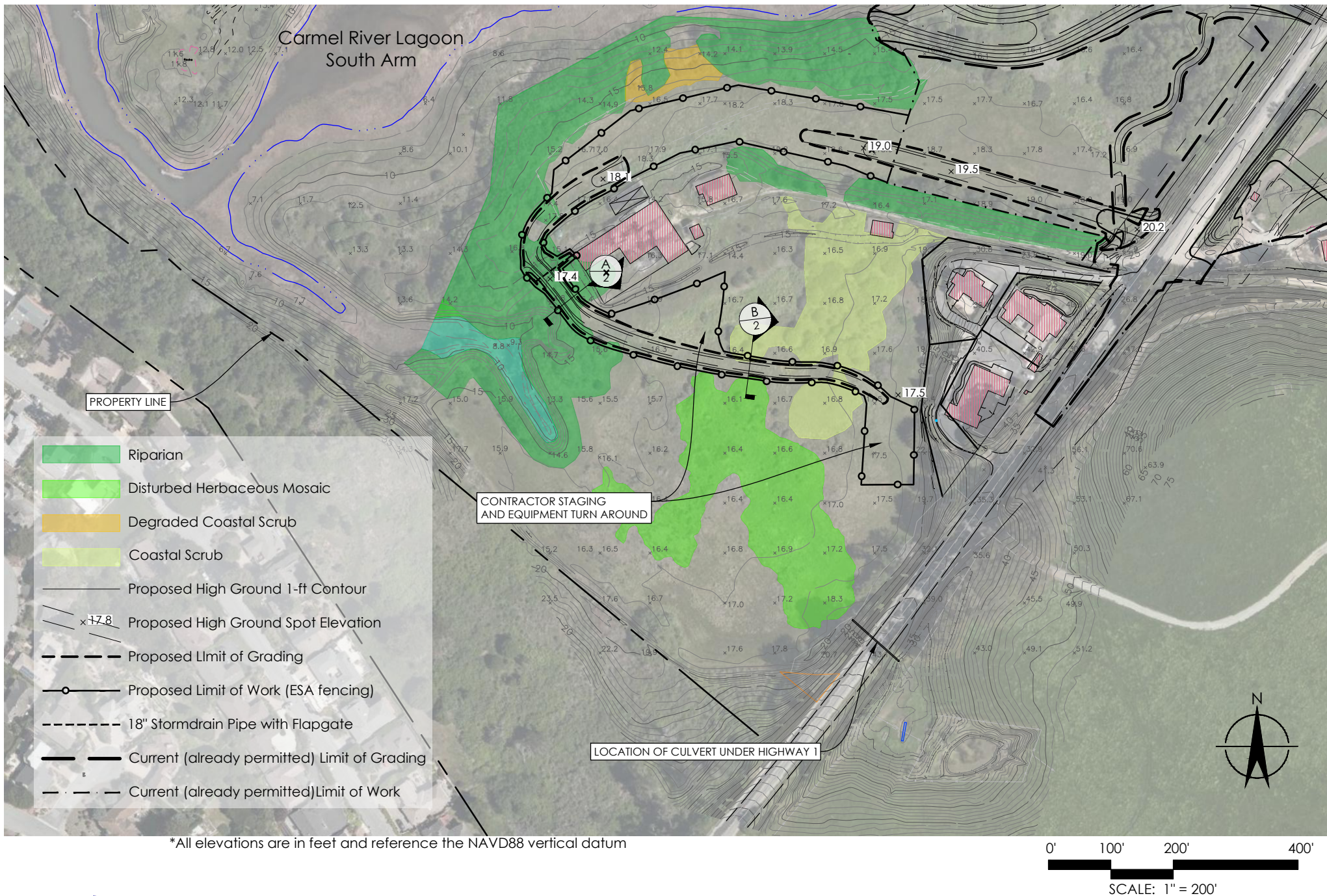
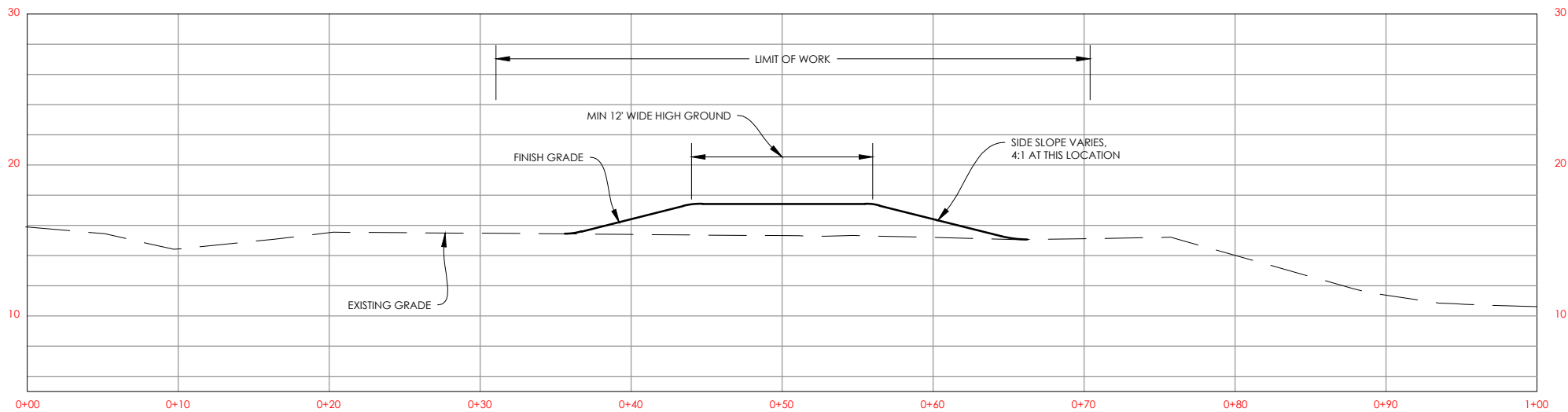
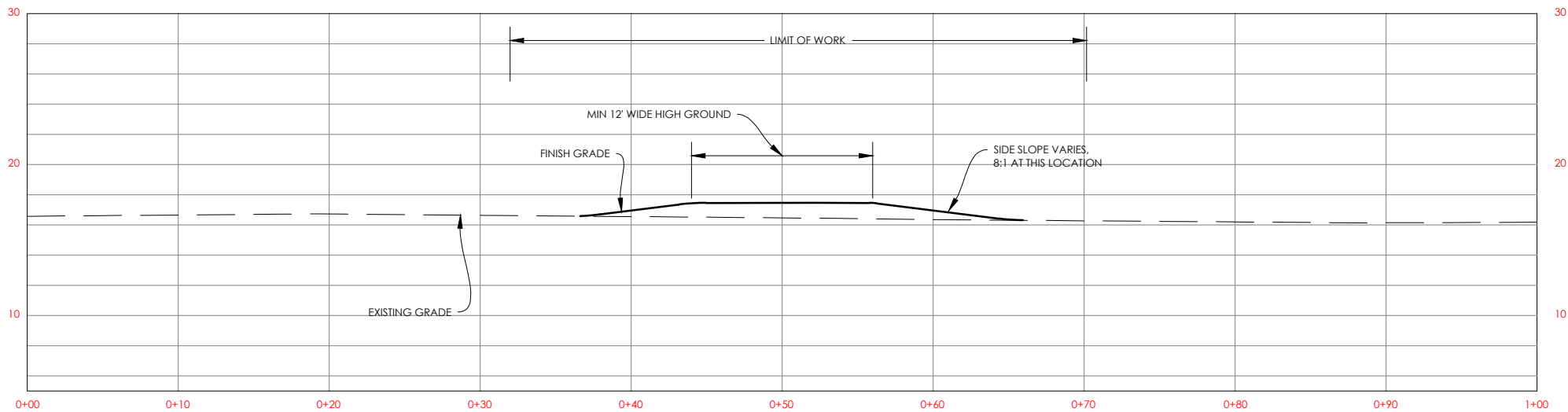


Figure 1. Conceptual design for mitigating 100-year flood risk at the State Parks Barn Complex, Monterey County, California. Revised August 2022.



A SECTION
SCALE: 1" = 10'



B SECTION
SCALE: 1" = 10'



**Balance
Hydrologics, Inc.**

220044 Grading around barn complex.dwg

Figure 2. Conceptual design for mitigating 100-year flood risk at the State Parks Barn Complex, Monterey County, California. Revised August 2022.

CRFREE Project Site

Phase 2 Grading Area

State Parks Alternative Mitigation Analysis Area

Proposed Berm (Permanent Impact)

Staging and Access (Temporary Impact)

Habitats

Riparian Forest

Riparian Scrub

Emergent Marsh (Semi-Permanent)

Disturbed Herbaceous Mosaic

Non-Native Annual Grassland

Dogwood-Coffeeberry Scrub

Coastal Scrub

Degraded Coastal Scrub

Invasive Weeds

Developed

Planted Trees

Ruderal

Wetlands/Waters

Potential Federal Wetland

Potential State Wetland

Habitat	Temporary Impacts (acres)	Permanent Impacts (acres)	Total Impacts (acres)
State Wetlands			
Riparian Forest	0.06	0.16	0.22
Riparian Scrub	0.02	0.01	0.03
Disturbed Herbaceous Mosaic	0.004	0.0004	0.004
Total State Wetlands	0.08	0.17	0.25
Other Habitats			
Non-Native Annual Grassland	1.36	0.47	1.83
Invasive Weeds	0.25	0.08	0.33
Total Other Habitats	1.61	0.55	2.16
Total Impacts	1.69	0.72	2.41

State Parks Alternative Mitigation
Vegetation & Wetlands Map

DD&A

Denise Duffy and Associates, Inc.
Planning and Environmental Consulting

Date
08-11-2022

Scale
1 in=0 mi

Path: C:\GIS\GIS_P\Projects\2014-35 Camel River Floodplain Restoration\Final Products\State Parks Alt Mitigation\SP_Alt_Mitigation_Vegetation_Map.mxd