

Exploring Concepts for Restoration

Roy's Redwoods Open Space Preserve

Project Update 8/7/2019

Since the Spring of 2019, Marin County Parks and One Tam have been working on conceptual designs for Roy's Redwoods that would enhance the health of the redwood forest ecosystem while improving visitor experience of the redwoods. The primary goals of the restoration project are to; restore and enhance hydrologic process and function; restore and enhance the health of the redwood forest; develop an Access and Discovery Trail per the Marin County Parks Inclusive Access Plan; and maintain an immersive experience of the redwoods that is consistent with restoration goals.

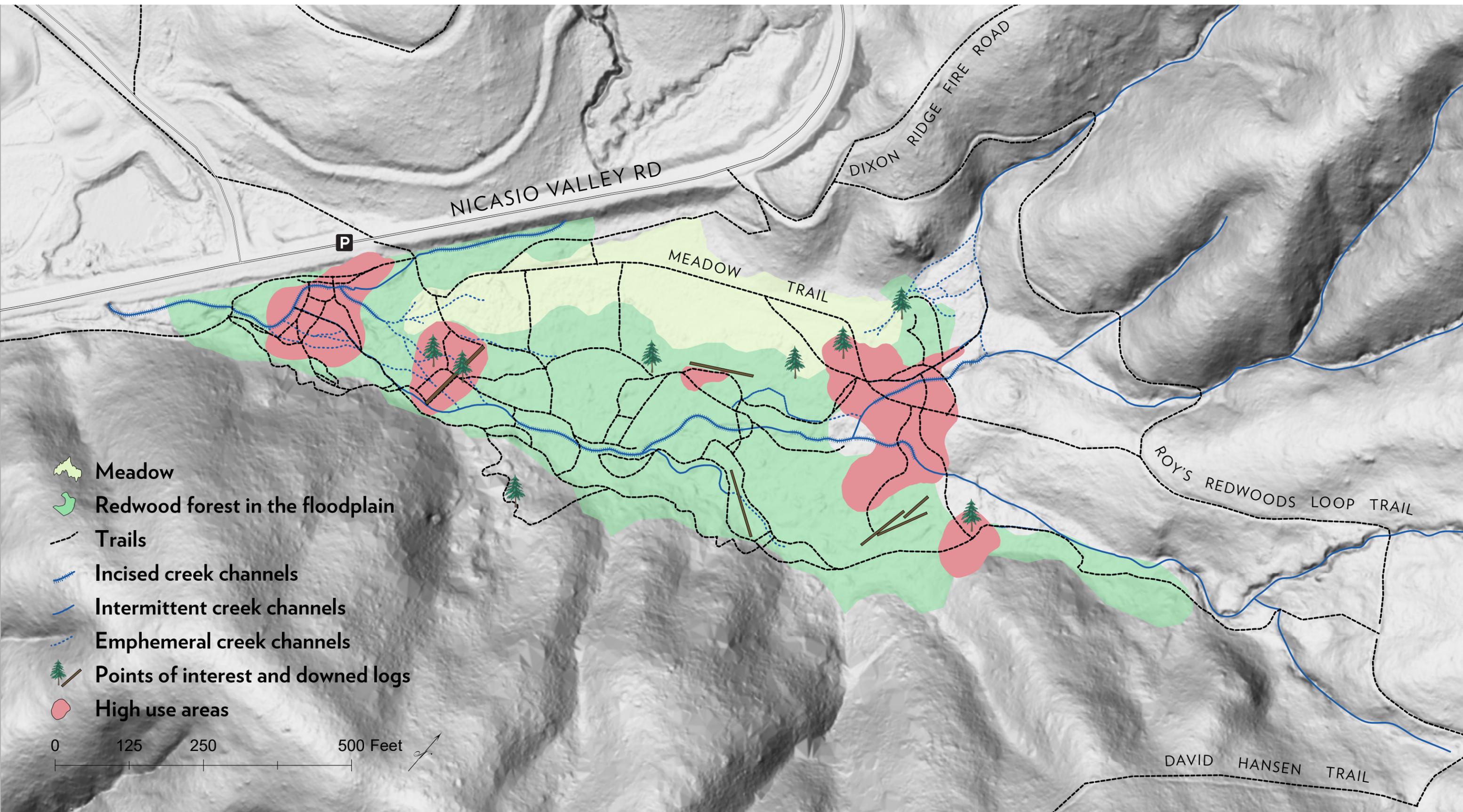
On July 31 at the San Geronimo Valley Community Center, the design team presented on prior project efforts during the community-based site analysis phase and then on concepts for restoration of Roy's Redwoods that would achieve the project goals. The restoration concepts presented were to; adopt a trail in the redwood grove; construct trail features that mimic natural hydrologic process; maximize accessibility of trails; install a scramble (or secondary trail); adopt a nature exploration area; and some preliminary interpretive concepts.



The July 31 community meeting was well attended and received; however, we want to ensure that all voices are heard and that the conceptual ideas are well supported by the whole community. The following pages show the restoration concepts as they were presented during the community meeting. If you have concerns, questions, or comments on any of these initial ideas for restoring Roy's Redwoods, please feel free to contact Rob LaPorte at rlaporte@parksconservancy.org. We would ideally hear your comments by September 2019 so that we can incorporate your feedback into a preferred conceptual design and embark on the next steps towards implementing restoration of this special place.

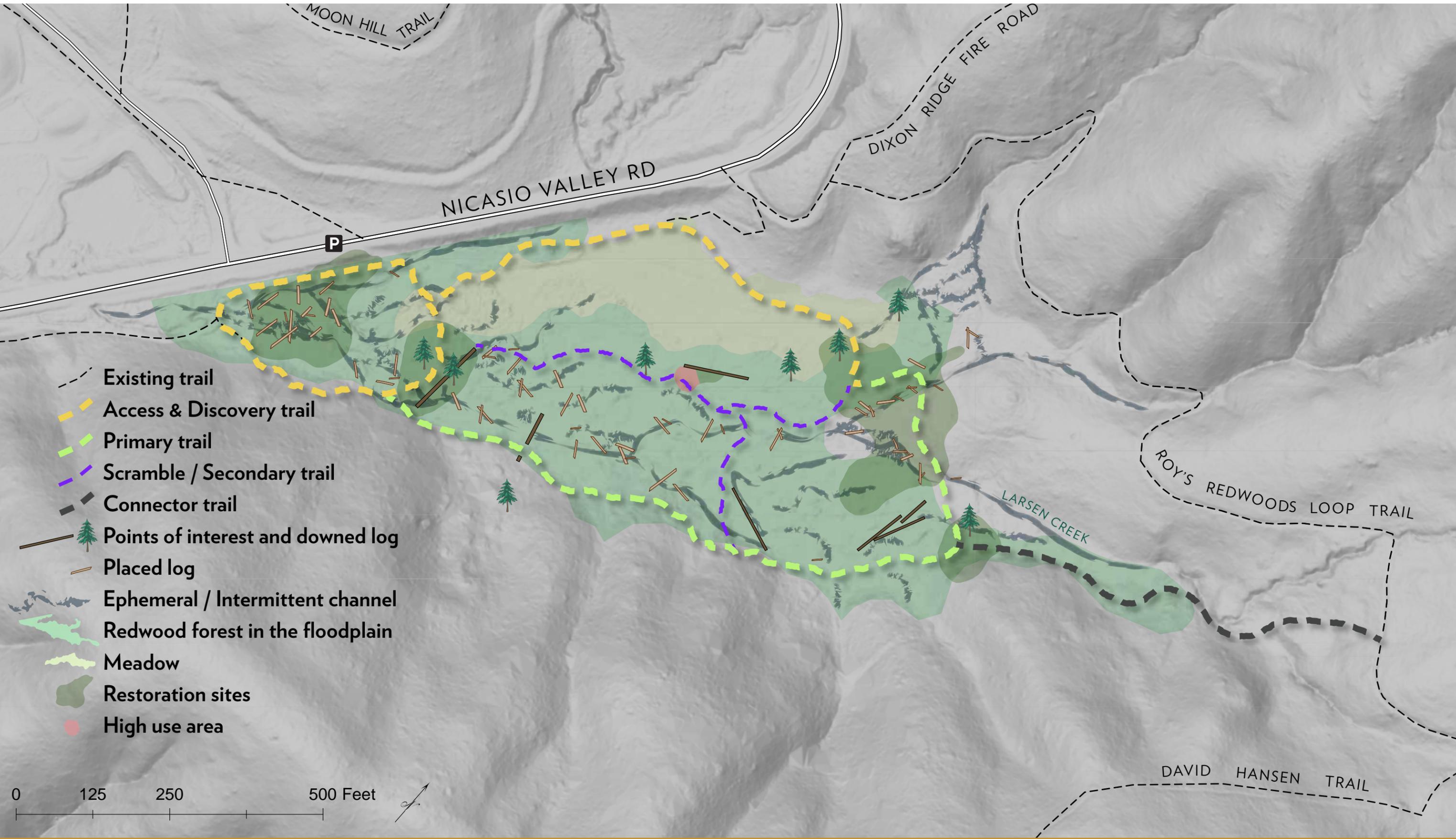
EXISTING CONDITIONS

Roy's Redwoods Restoration Project -
Draft Concepts 7/31/2019



PROPOSED TRAILS AND RESTORATION

Roy's Redwoods Restoration Project -
Draft Concepts 7/31/2019



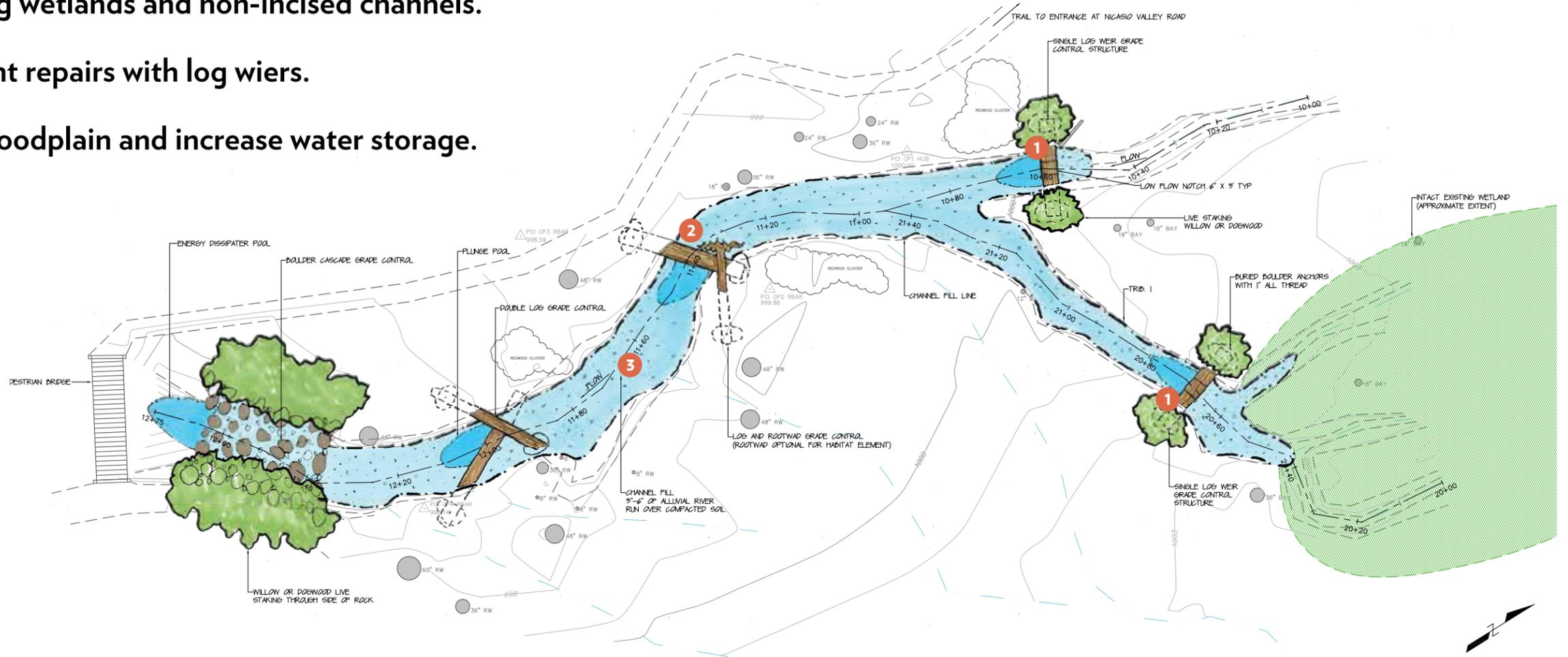
HYDROLOGIC RESTORATION

- 1 Stabilize headcuts threatening wetlands and non-incised channels.
- 2 Replace failing rock knickpoint repairs with log weirs.
- 3 Fill channel to reconnect to floodplain and increase water storage.

EXISTING CONDITION



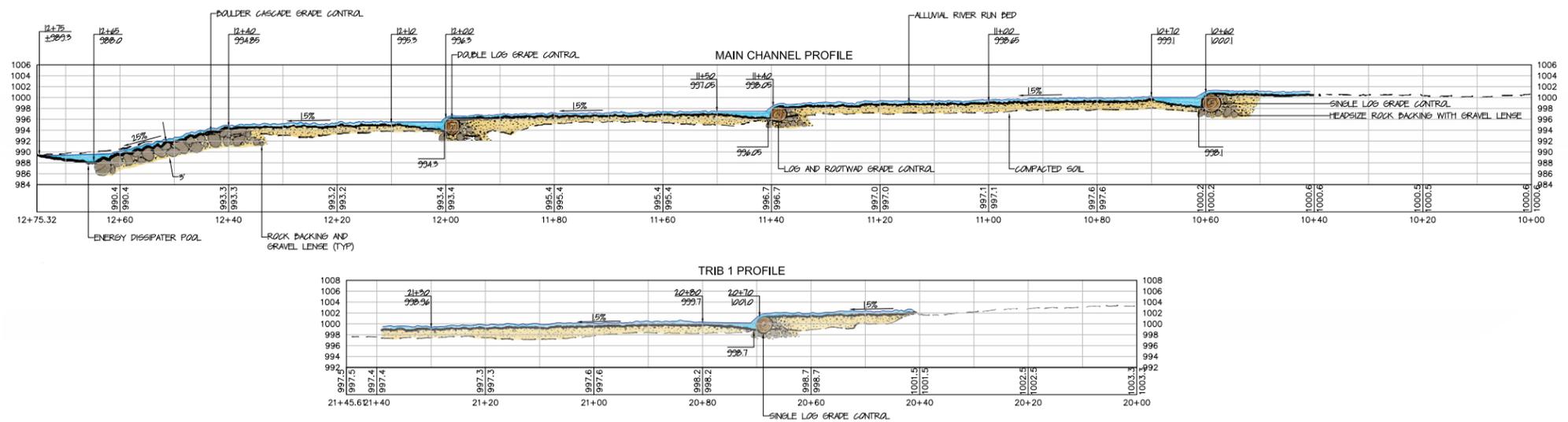
Roy's Redwoods near the trailhead



RESTORED CONDITION



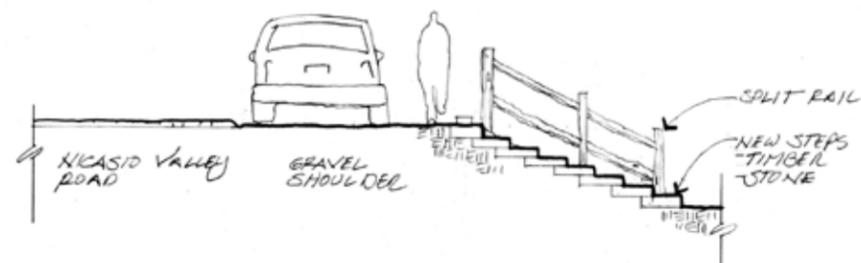
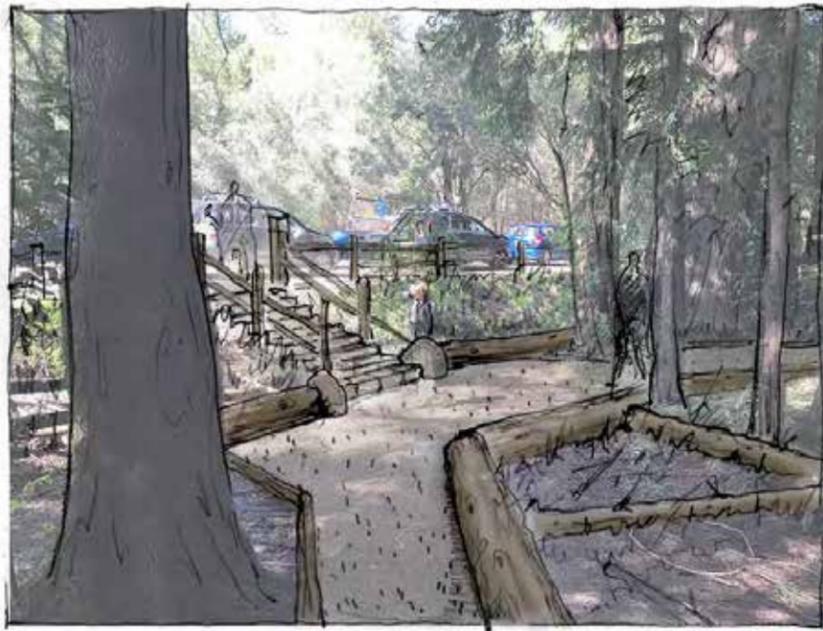
Functioning floodplain at Navarro Redwoods



SITE FEATURES

ROAD EDGE STEPS

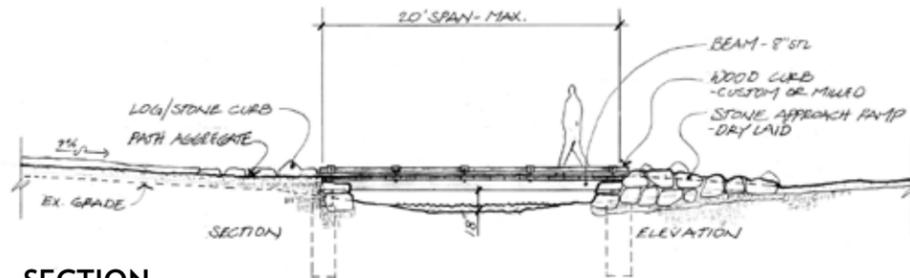
- 1 Formalize central and social entry point to get visitors off road shoulder quickly.
- 2 Aligned between existing trees to provide natural framing into the site.
- 3 Stairs lead to a gathering zone with immediate views across redwood grove.



SECTION

ENTRY CROSSING

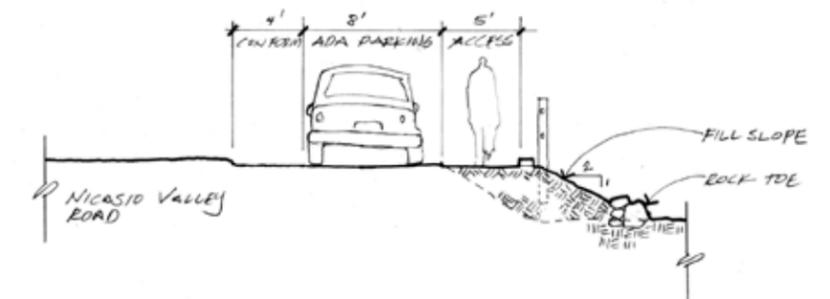
- 1 Provide all-weather crossing to meet Access and Discovery Trail standards.
- 2 Rock ford adjacent to the boardwalk provides a secondary crossing option for hikers and equestrians.
- 3 Crossing provides a gateway into site.



SECTION

ACCESSIBLE PARKING

- 1 Conveniently located near existing bridge.
- 2 Connects to bridge at similar elevation.
- 3 Nicasio Valley Road slope is less steep at this end of site allowing an easier conform to the accessible surface.

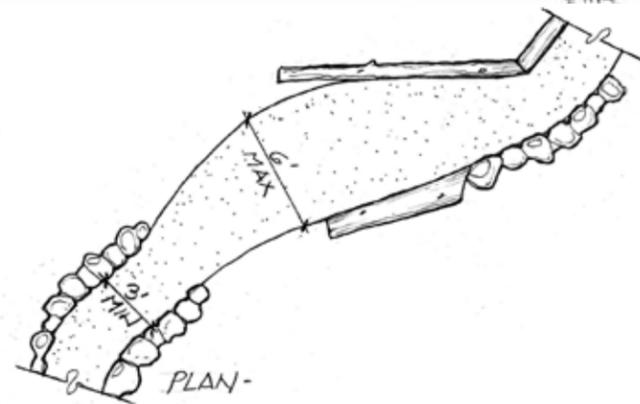


SECTION

TRAIL VIGNETTES

MEADOW TRAIL

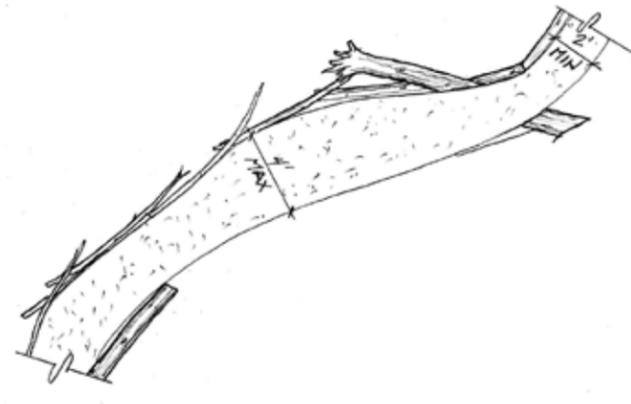
- 1 Decommission existing Meadow Trail.
- 2 Reroute to improve winter trail conditions and to better meet Marin County Parks Access and Discovery Trail Standards.
- 3 Reduce impact to meadow hydrology.



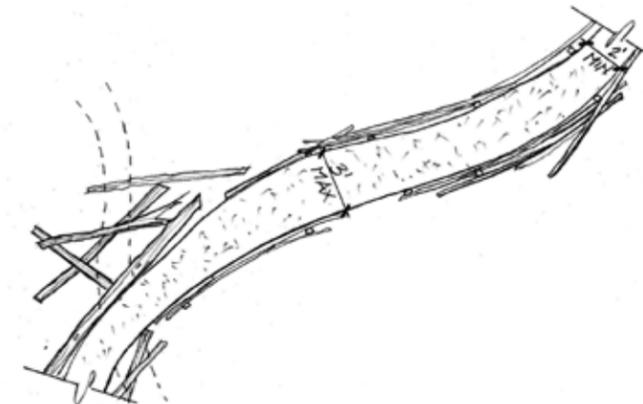
ACCESS AND DISCOVERY TRAIL

ELEVATED CROSSINGS

- 1 Separate trails from the forest floor and channels.
- 2 Locate crossings in areas that protect hydrologic restoration.
- 3 Guide visitors through sensitive areas.



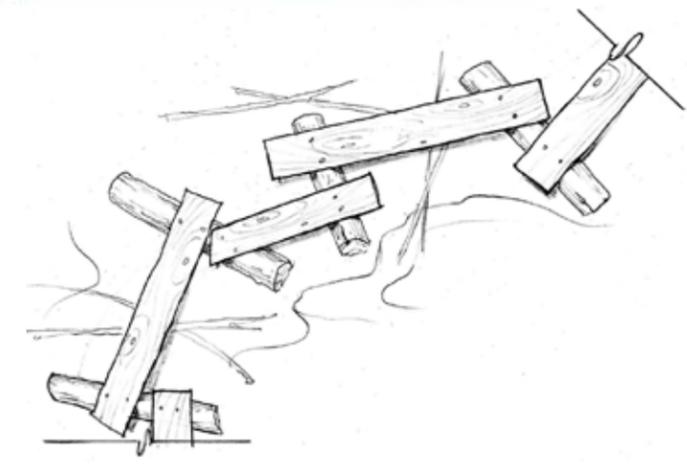
PRIMARY FOREST TRAIL



SECONDARY TRAIL

FOREST TRAIL

- 1 Trail meanders at base of slope offering views across the redwood grove.
- 2 Provides areas to overlook and pause.
- 3 Reveals the forest extent up slope.

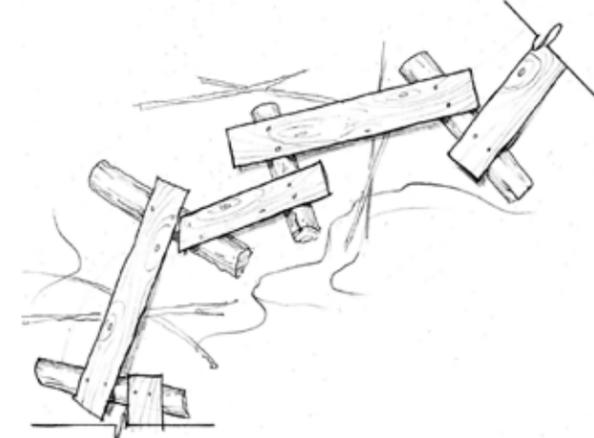
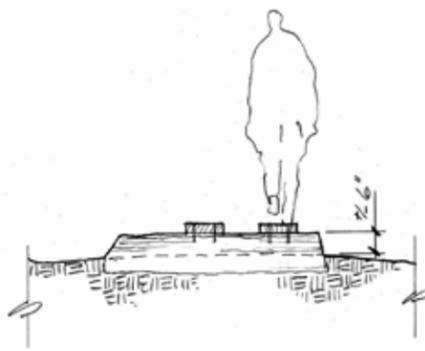


SCRAMBLE

SCRAMBLE

- 1 Preserves and enhances informal character of pathways.
- 2 Composed of a series of low logs and boards to keep people off wet forest floor connected to segments of earthen trail.
- 3 Simple to construct and maintain; annual maintenance required.
- 4 Provides an alternate connection to destinations accessible via more formal trails.
- 5 Includes elevated surfaces that are not accessible.

SCRAMBLE



INTERPRETIVE

- 1 Engaging and dynamic for all visitors and local residents.
- 2 Subtle and integrative, rather than competing with the site for visitor's attention.
- 3 Final interpretive program to be solidified.

TREASURE HUNT

Playful Observation

- + Words and images at kiosk inform users about unique elements to discover while wandering the trail.
- + Locations not provided, items must be discovered.



1. Fallen Tree
2. Trillium
3. Hollow Tree
4. Burn Tree
5. Sprouting Bay
6. Log Jam
7. Banana Slug
8. Sword Fern
9. Old Growth
10. Snag
11. Fairy Ring

IMMERSION

Experience the Redwoods

- + Provide a trail and visitor experience that is memorable and exciting.
- + Develop an understanding by encouraging meaningful interaction with the forest.
- + Support a full sensory experience (touch, sight, smell, sound).
- + Foster a connection to Roy's Redwoods.

Visitors might see, touch, smell, or hear:

An edge habitat, a meadow, a quiet area, an oak woodland, old growth trees, an understory, a bog, a hillslop, flowing water, a cascade, fire scars.....



IMPRESSIONS

Words In The Landscape

- + "Branded" words dispersed through the site reveal additional meaning.
- + Stamp imported materials only (logs placed for restoration, boardwalks) and leave naturally occurring elements unmarked.
- + Subtle and ephemeral - does not last long, but can be reapplied.

Visitors might see these words "branded" on placed material:
AGGRADE, SHADE, DECAY, DAMP, SPONGY, SHELTER, REGROWTH, RESTORE, MAGESTIC, ALIVE, SPREAD



NATURE EXPLORATION AREA

- 1 Visitor surveys revealed hiking and nature exploration are the primary visitor activities at Roy's Redwoods.
- 2 Located within the redwoods in a less sensitive location.
- 3 Provide a space for visitors to explore, build and create while being immersed in the redwoods.
- 4 Contains movable features that are natural (branches, logs, rocks), providing a continuously changing space.
- 5 Placed natural logs define the perimeter of the exploration area.
- 6 Creates a place for people of all ages to explore and interact.

NATURE EXPLORATION AREA



Photo By: Paolo Vescia / Save the Redwoods League

