



### DESIGN OVERVIEW

The preferred concept focuses on maximizing wetland habitat and drainage channels by strategically directing water to existing wetlands and by creating new vernal pool and pond features. Runoff at the top of the watershed is encouraged to infiltrate and reduce the potential for gully formation down steep slopes and to promote subsurface lateral migration of shallow groundwater to wetlands at the base of the hillslope.

Public access site improvements are concentrated towards the east and allow the open landscape to be experienced towards the west. A short accessible loop welcomes users at the entrance and is paved with concrete, reminiscent of the former golf course cart paths. The trail network also includes an additional accessible trail, as well as overlooks and longer earthen trails that lead visitors through a variety of experiences.

### Restoration Opportunities

- Enhance/Restore/Create 2.7 miles of channel
- Stabilize channels now to reduce long term maintenance burden
- Encourage infiltration in the upper watershed to reduce overland flow down steep drainages
- Improve hydrology of Pond 32 by directing all of Drainage 2 and a portion of Drainage 3 to pond
- Create a vernal pool complex at the base of Drainages 7
- Route Drainage 5 into Pond 31 to improve hydrology of pond
- Treat parking lot run off in a new bioretention facility to improve water quality entering Pond 33

### Public Access Opportunities

- Provide a 1.6 mile of accessible loop
- Provide a 2.6 mile larger loop
- Provide 3 different viewpoints
- Contain picnic areas to area around old golf clubhouse
- Use location of existing deck to provide a shaded gathering area that overlooks the site

### Key Notes:

- 1 Consider potential future trail connection
- 2 Enhance habitat for aquatic species
- 3 Remove abandoned cart paths
- 4 Equestrian trailer and bus parking
- 5 Fill soil placement area to balance earth work on-site
- 6 Fill pond to better blend into landscape and deliver more water to Pond 31 and Basin 5
- 7 Regrade a stable channel entry into pond/basin
- 8 Regrade sand traps and naturalize topography
- 9 Remove abandoned infrastructure
- 10 Maintain emergency vehicle and maintenance access

### D 1 - D 7

DRAINAGES

### P 30 - P 33

PONDS

### B 2 - B 7

BASINS

PROPERTY BOUNDARY

CONCEPTUAL LIMIT OF DISTURBANCE

300 FT AQUATIC BUFFER

CHANNEL/ SWALE

PONDS & BASINS

INFILTRATION AREA

STORM DRAIN OUTFALL

	VERNAL POOL COMPLEX
	WOODY REVEGETATION
	BRIDGES & BOARDWALKS
	VIEWPOINT
	TRAILHEAD
	ACCESSIBLE MULTI-USE TRAIL
	MULTI-USE TRAIL
	SHADE PAVILLION, CENTRAL GATHERING AREA & INTERPRETATION
	PICNIC AREA
	RESTROOM