2002-052 MTSCounty Flood Project

Public Notice # 200200410

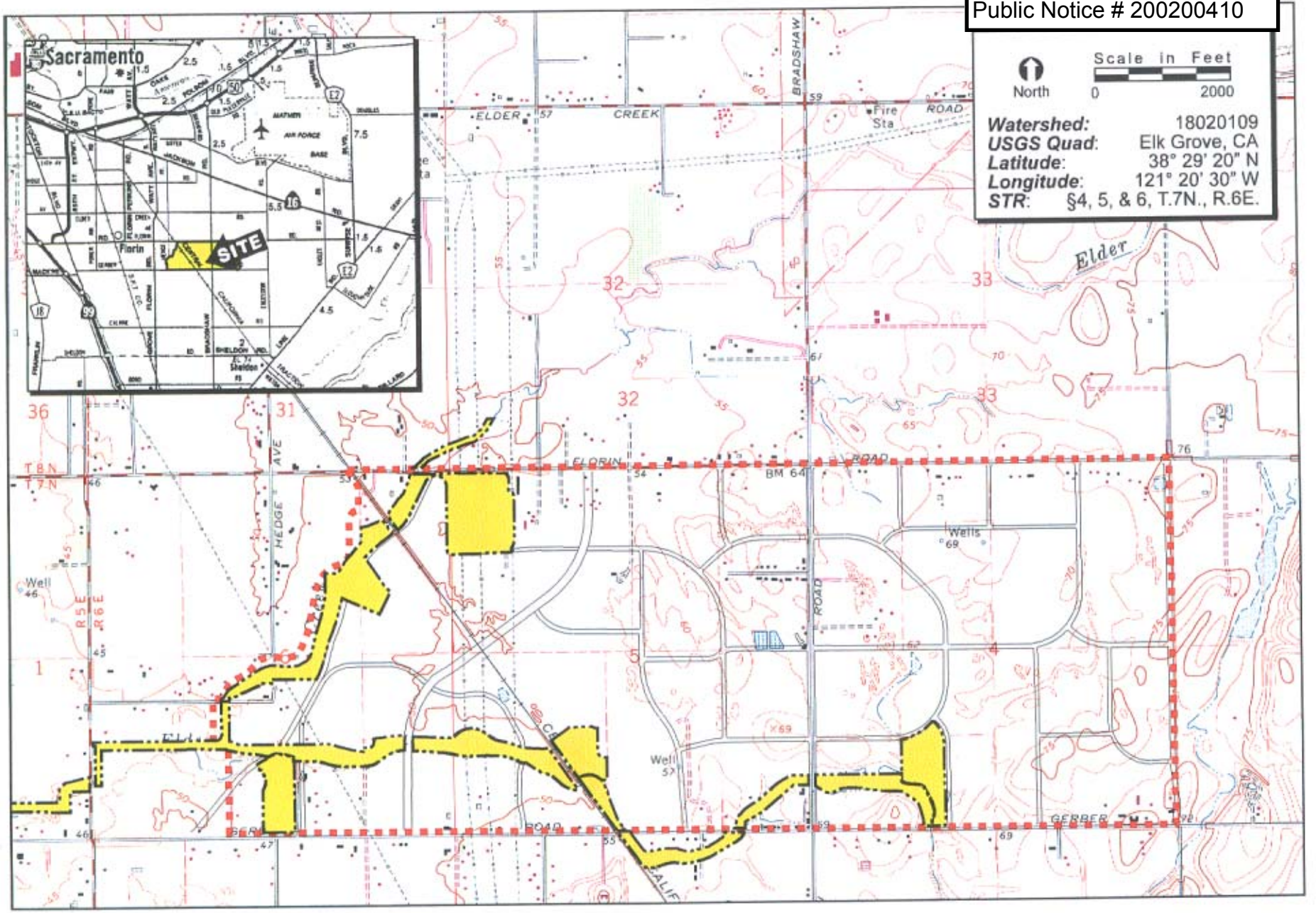

FIGURE 1. Project Site and Specific Plan Area

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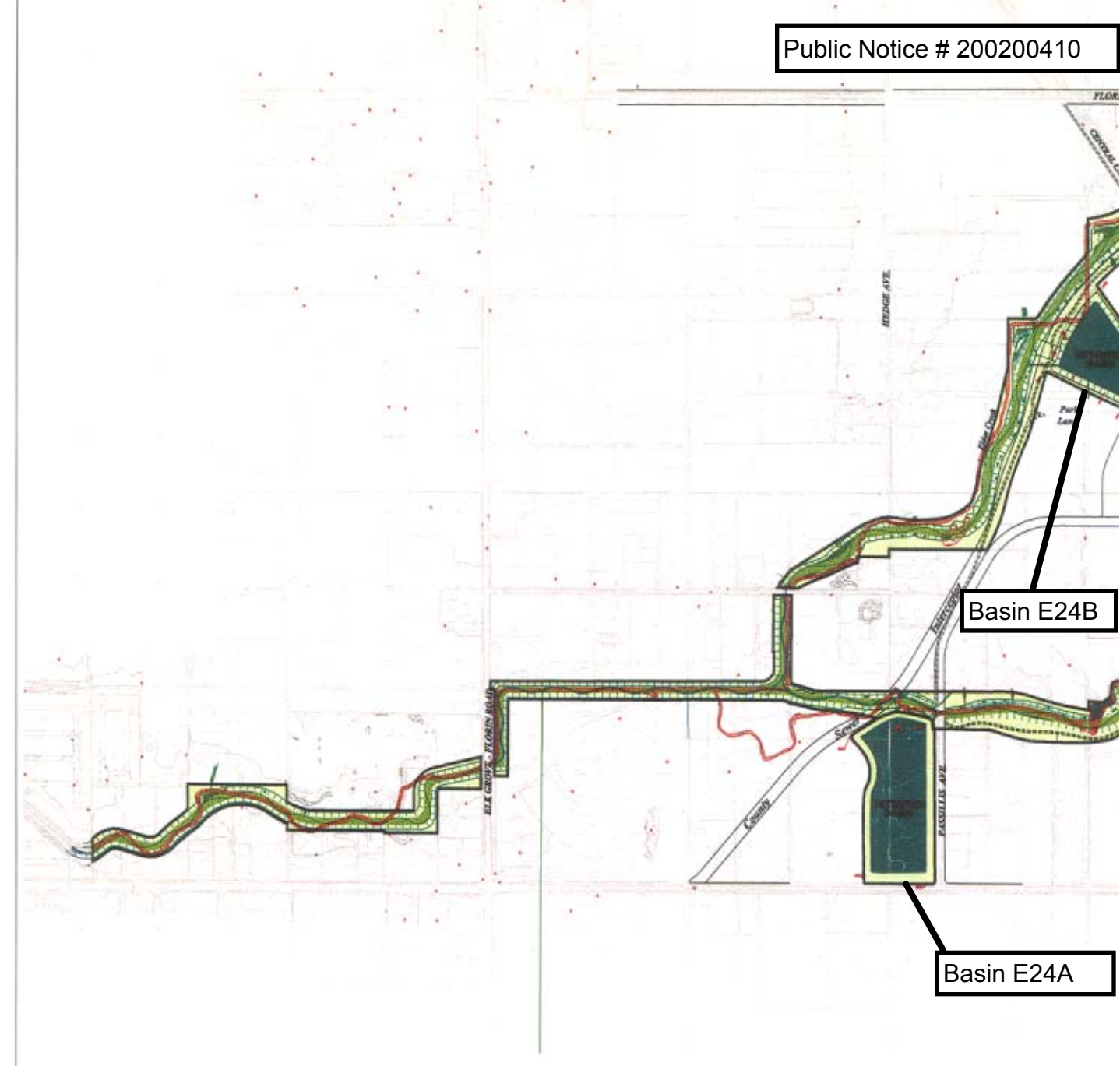
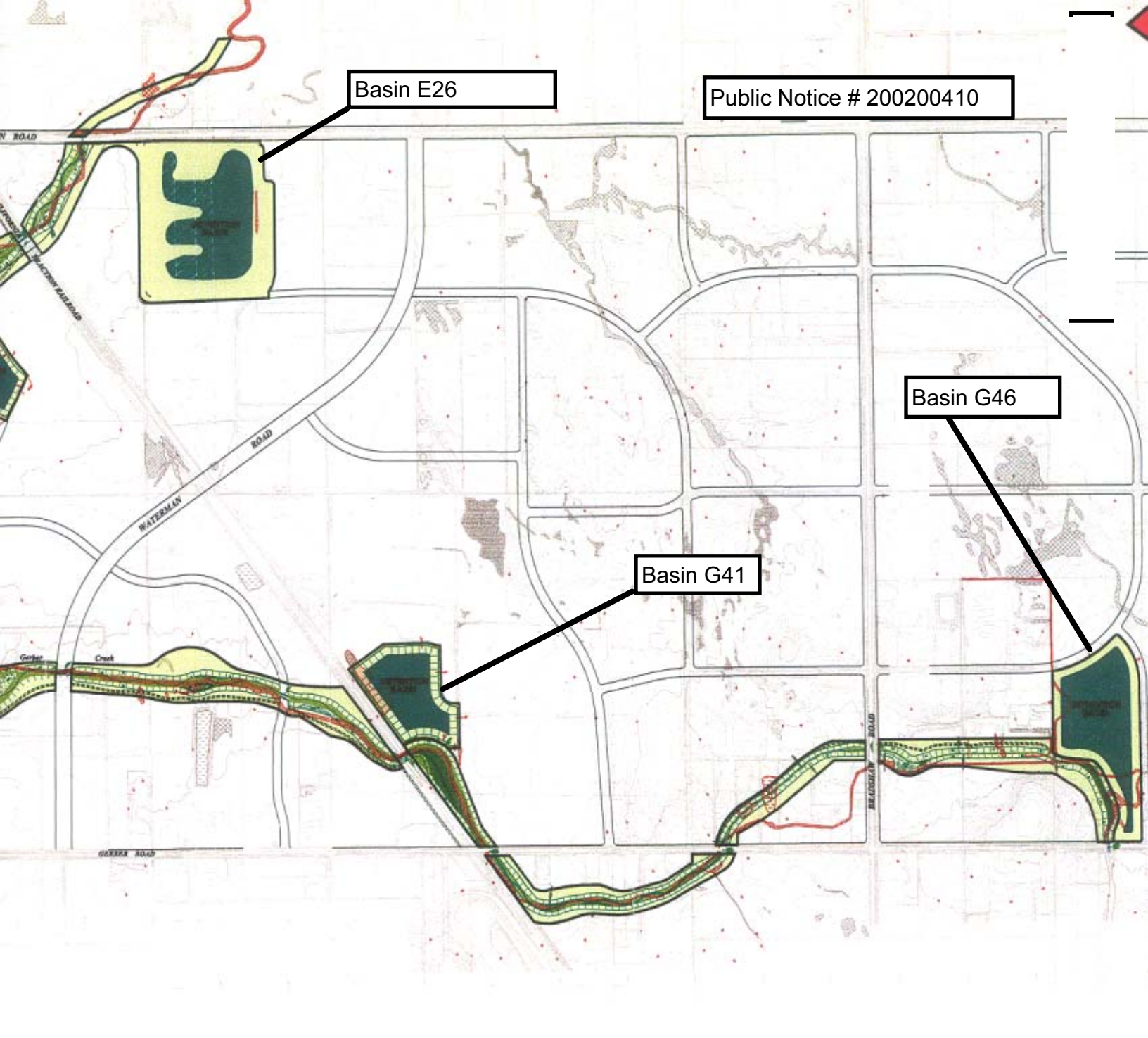


WATERS OF THE U.S. ACREAGE

CLASSIFICATION	IMPACT ACREAGE	MITIGATION ON-SITE	MITIGATION OFF-SITE
Vernal Pool	1.08		5.64[1]
Seasonal Wetland	0.77		--
Seasonal Wetland Swale	0.03		--
Creek	12.99	25.63[2]	
Stock Pond	0.84	--	
	15.71	25.63	5.64

SCALE IN FEET
0 500 1000
SCALE: 1" = 1000'

Figure 2 Drainage Master Plan-Proposed Project Components and Wetland Mitigation Plan



CLASSIFICATION	EXISTING ACREAGE
Drainage Corridor/ Open Space	144.73
TOTAL[1]	144.73
Riparian/Wetland Benches	3.23
Channel Bottom/Wetlands	17.55
Realigned Creek (Low-Flow Channel)	4.85
TOTAL[2]	25.63

Drainage Master Plan Boundary

[1] Impacts to vernal pool, seasonal wetland, and seasonal wetland swales will be mitigated by the purchase of 5.64 ac (3:1 ratio) vernal pool credits at an agency approved mitigation bank.

[2] Impacts to creek and stock pond will be mitigated by the creation of 25.63 acres of creek habitat on-site (includes 4.85 acres low-flow channel, 17.5 acres channel bottom/wetlands and 3.23 acres riparian/wetland benches.)

FILENAME: -DWGS\2002-052\DMP_PPCWMP.DWG 12/

Figure 3

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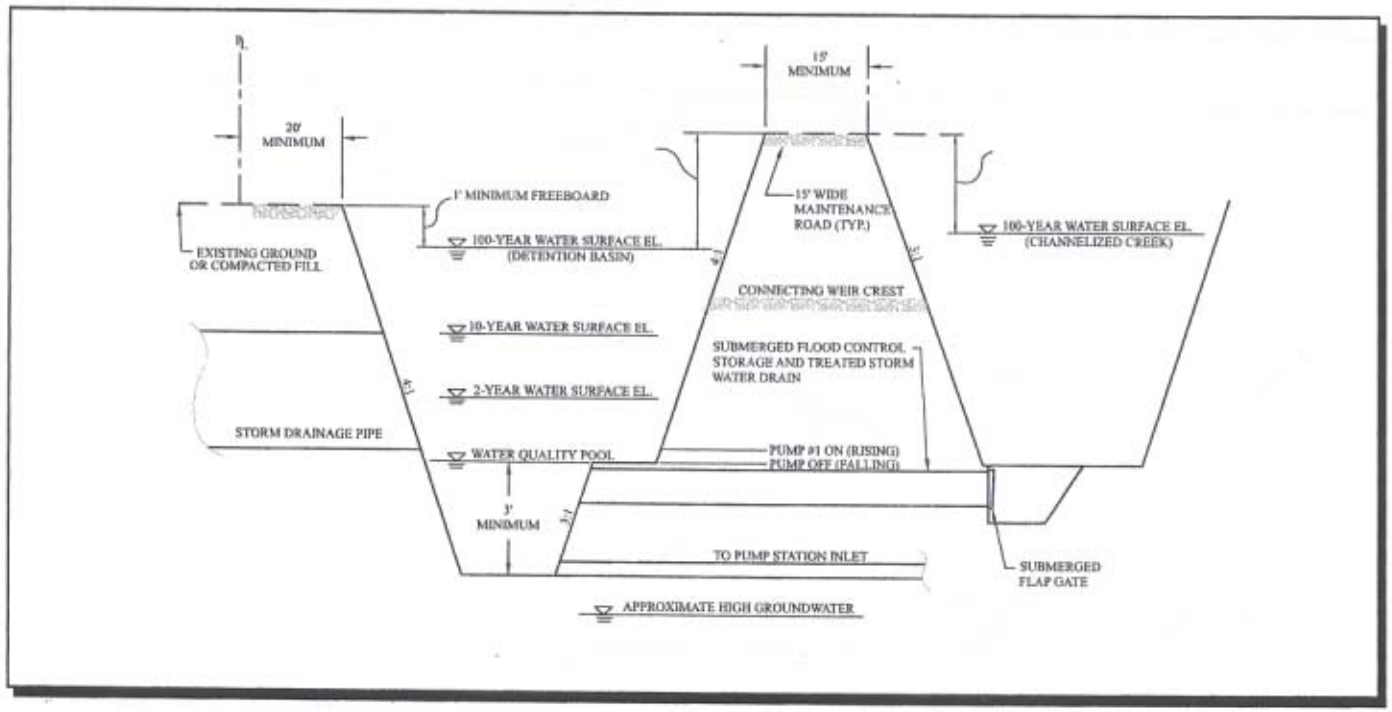

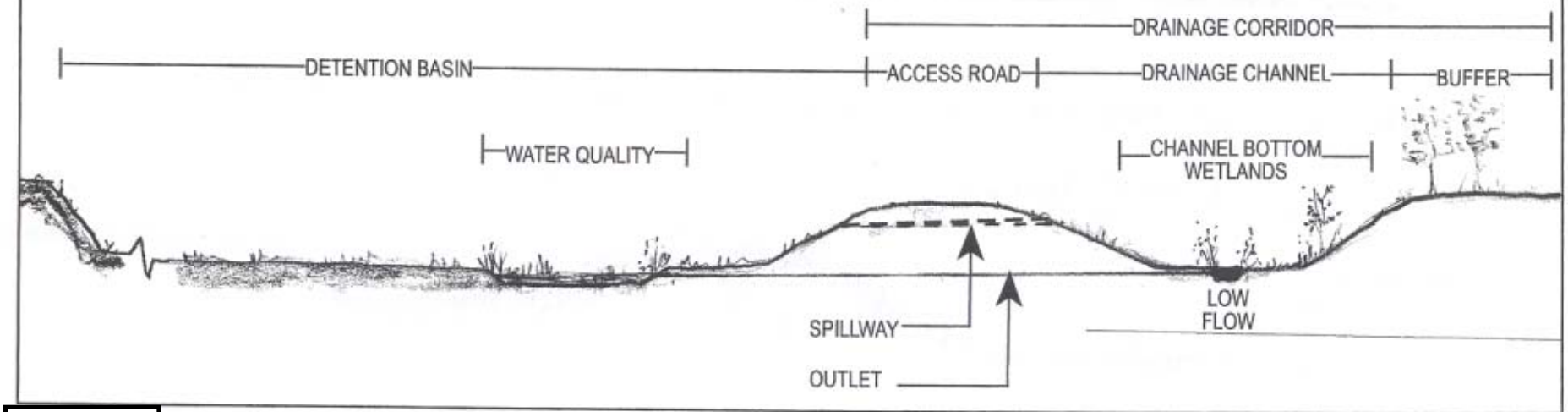

Figure 4 **Typical Cross Section of Detention Basin**

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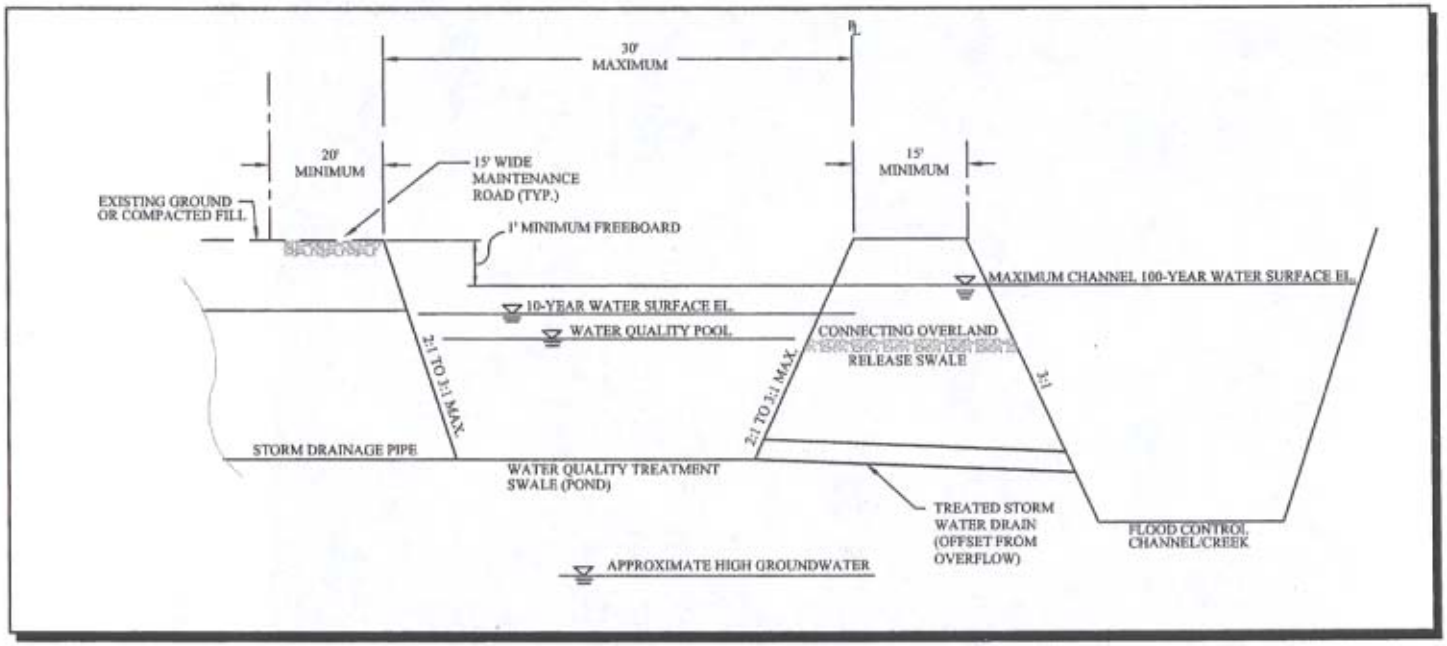

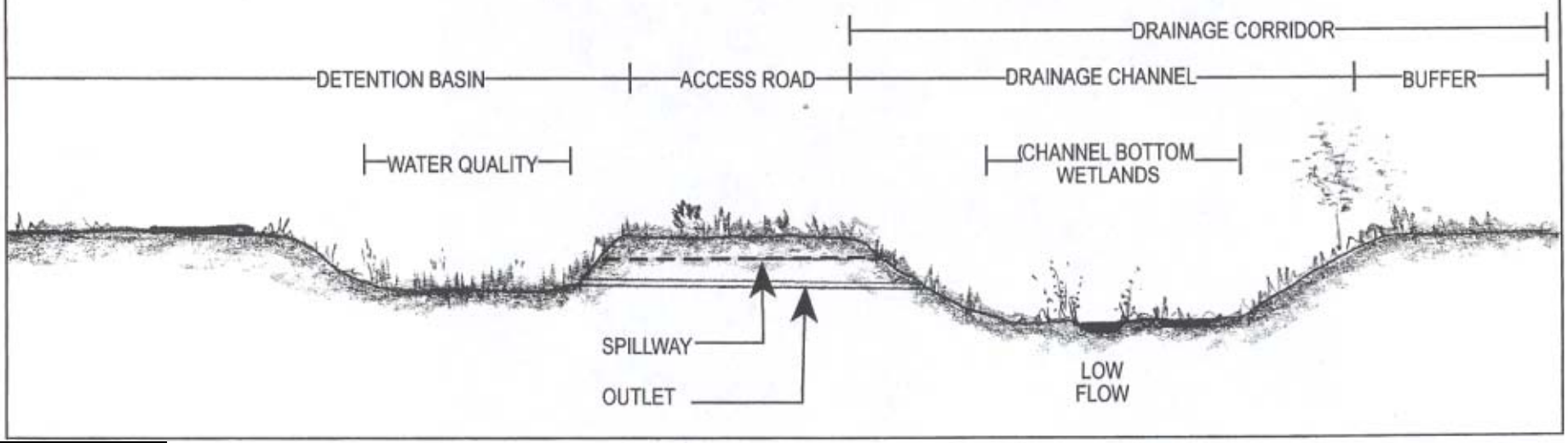

Figure 5 **Typical Cross Section of Swale / Channel**

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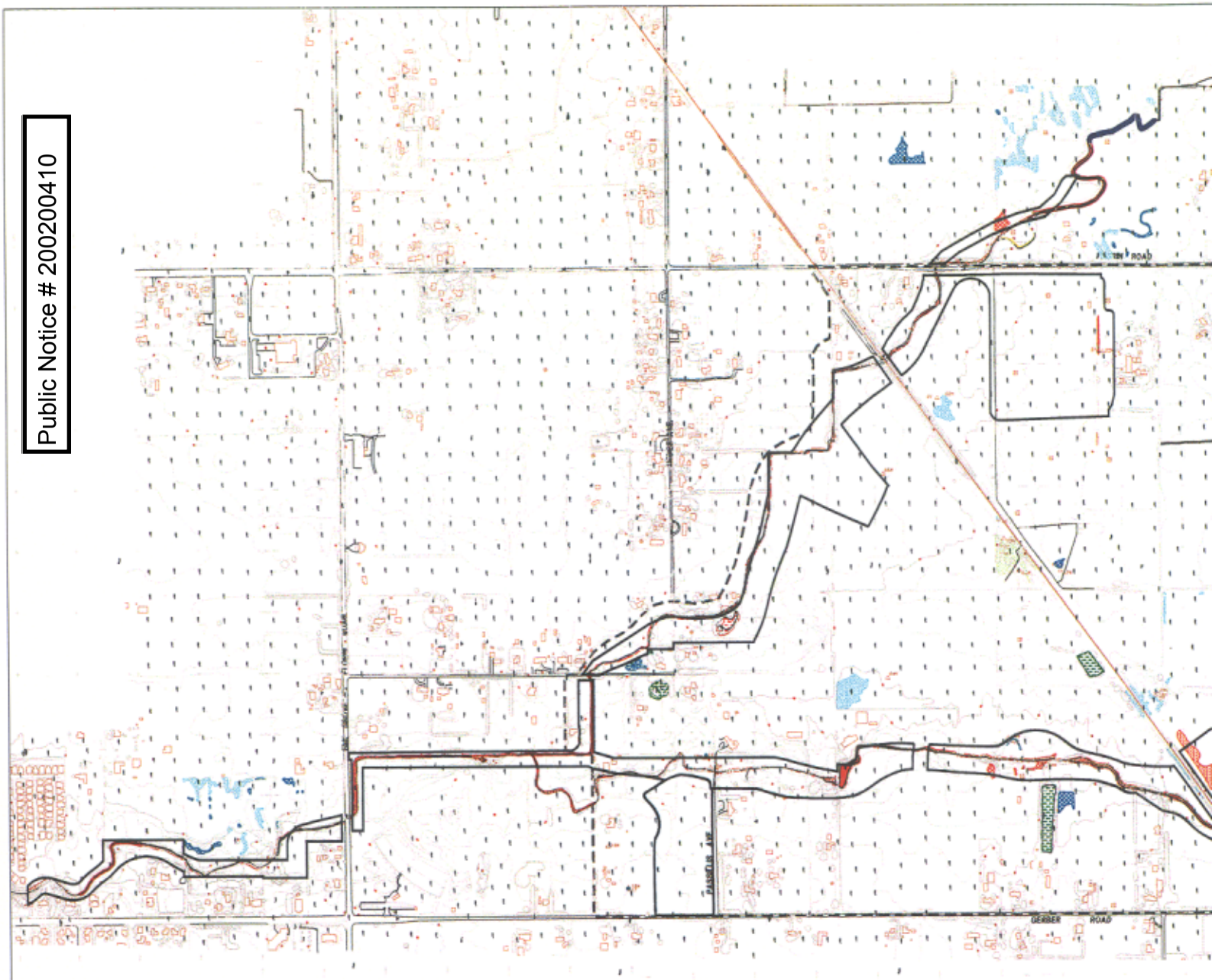


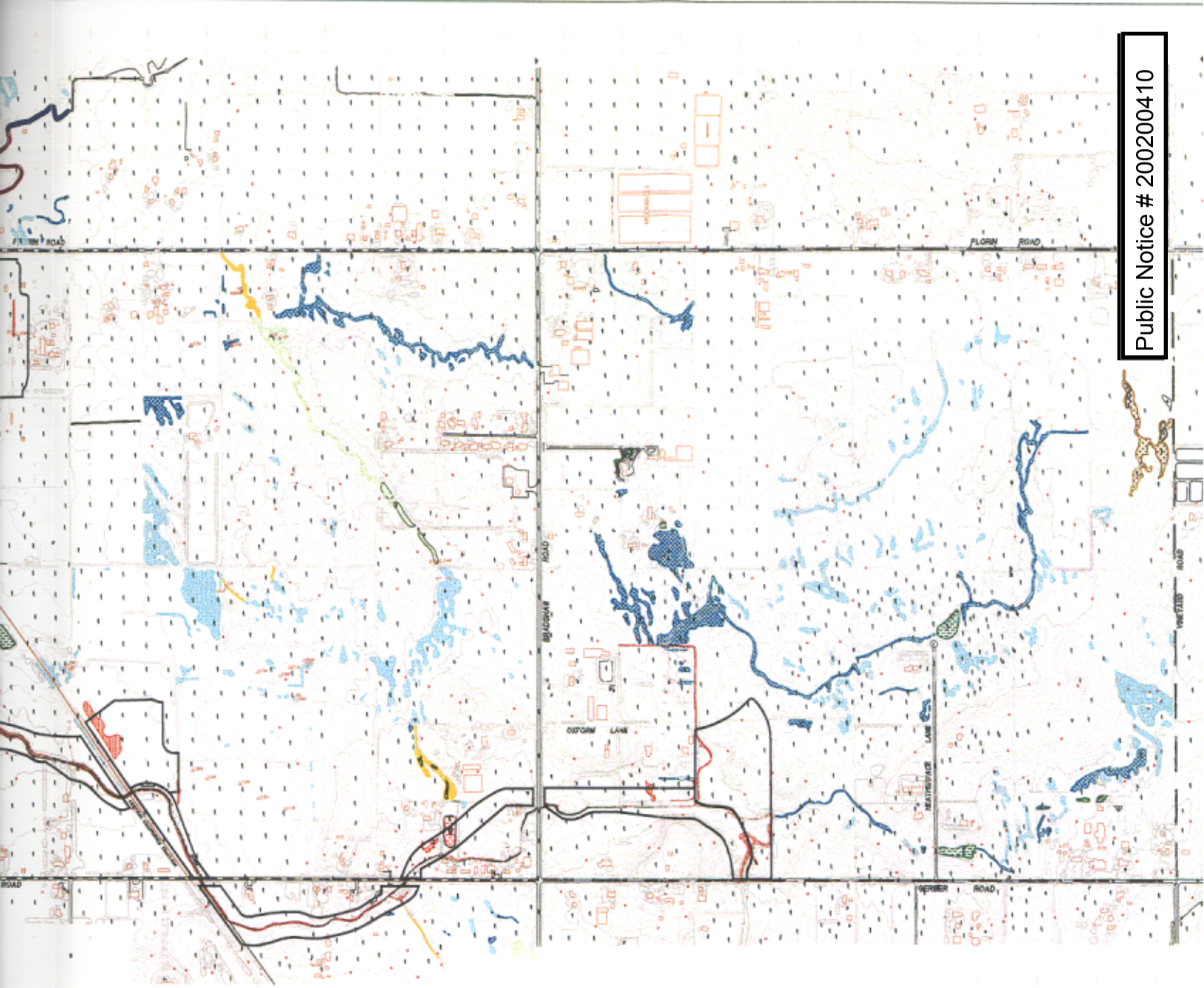
WATERS OF THE U.S. ACREAGE

CLASSIFICATION	EXISTING ACREAGE	DMP ACREAGE	IMPACT ACREAGE
Vernal Pool	27.96	1.08	1.08
Seasonal Wetland	19.13	0.87	0.77
Seasonal Wetland Swale	1.52	0.03	0.03
Seasonal Marsh	3.92	--	--
Creek	13.48	13.48	12.99
Stock Pond	4.24	0.84	0.84
Fresh Water Marsh	1.97	--	--
TOTAL	72.22	16.30	15.71

Drainage Master

SCALE IN FEET
0 600 1200
SCALE: 1" = 1200'

Figure 6 North Vineyard Station-D.M.P. Wetland Impacts



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NOTE:
Portions of the project have been field delineated and verified by the CORPS of Engineers. Other portions have been field delineated, but have not yet been verified by the CORPS. Those areas where permission to access the property have been delineated by aerial photograph interpretation (See Attachment) identifies the level of delineations conducted for parcels affected by the propsed project.

Drainage Master Plan Boundary

FILENAME: -DWGS\2002-052\NVS-WIN-IMP.DWG 12/0

Figure 7

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FILENAME: -DWGS\2002-053\NVSP-LU.DWG 11/19/02

Figure 8 Proposed Land Use Plan

2002-052 Vineyard Pointe

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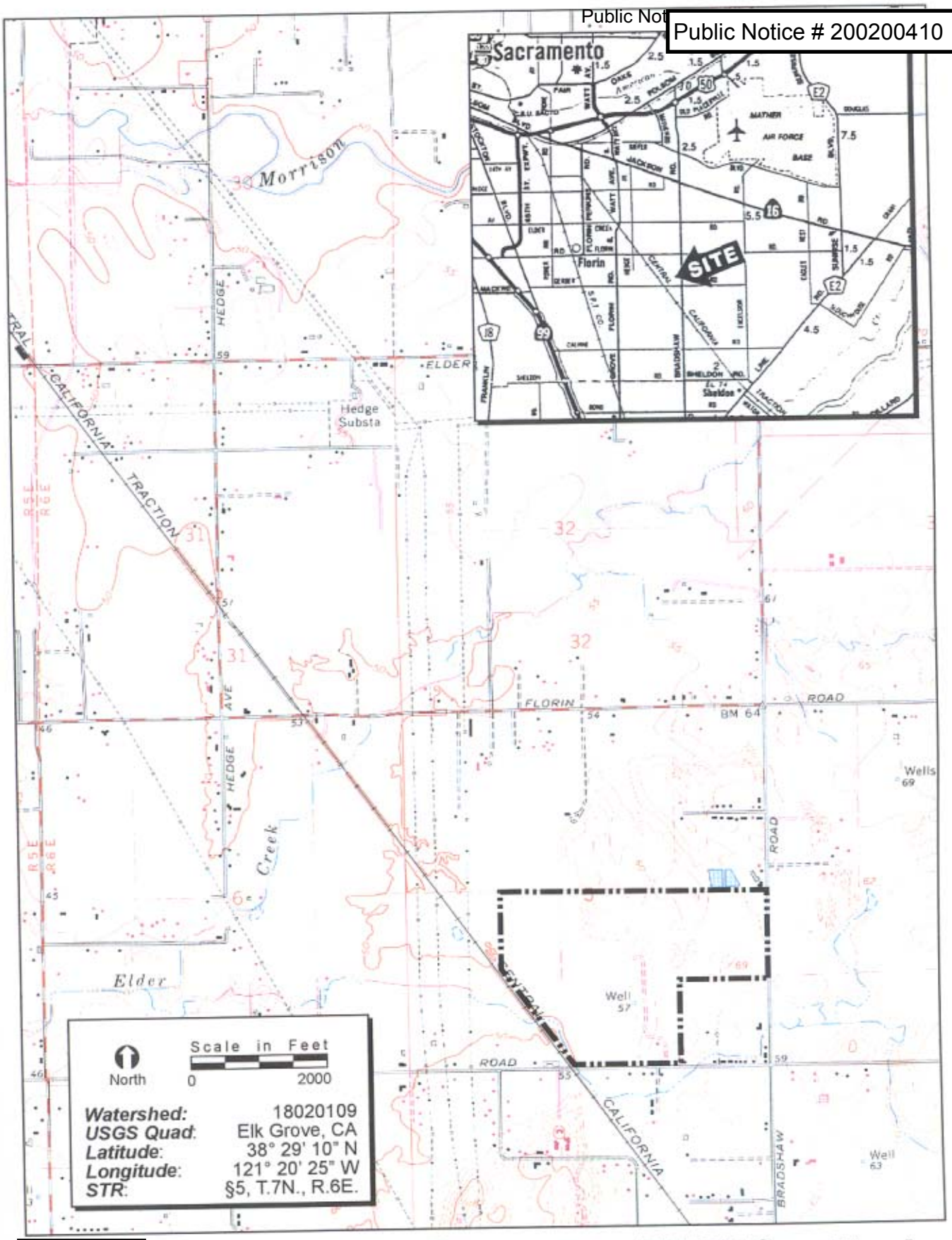

Figure 9 **Project Site and Vicinity Map**

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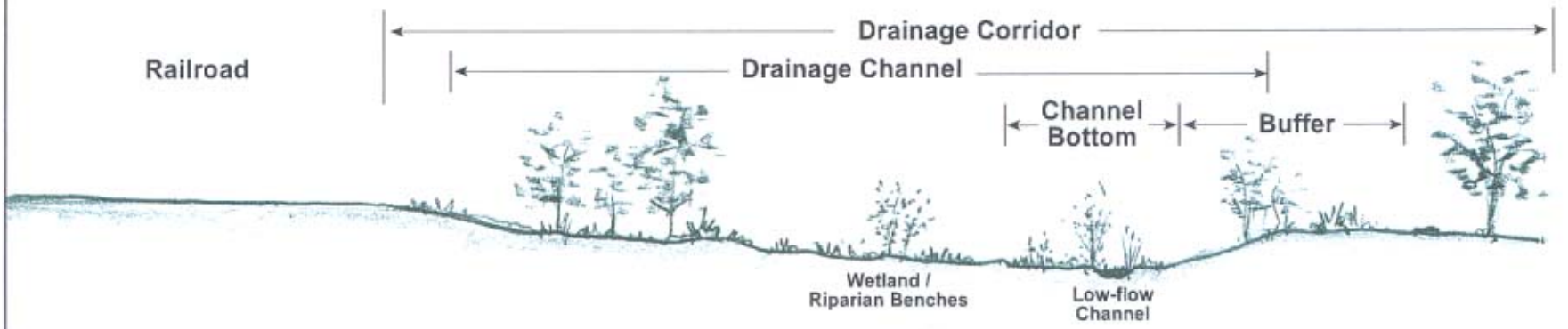

Figure 10 Typical Cross Sections of Basin and Drainage Channel

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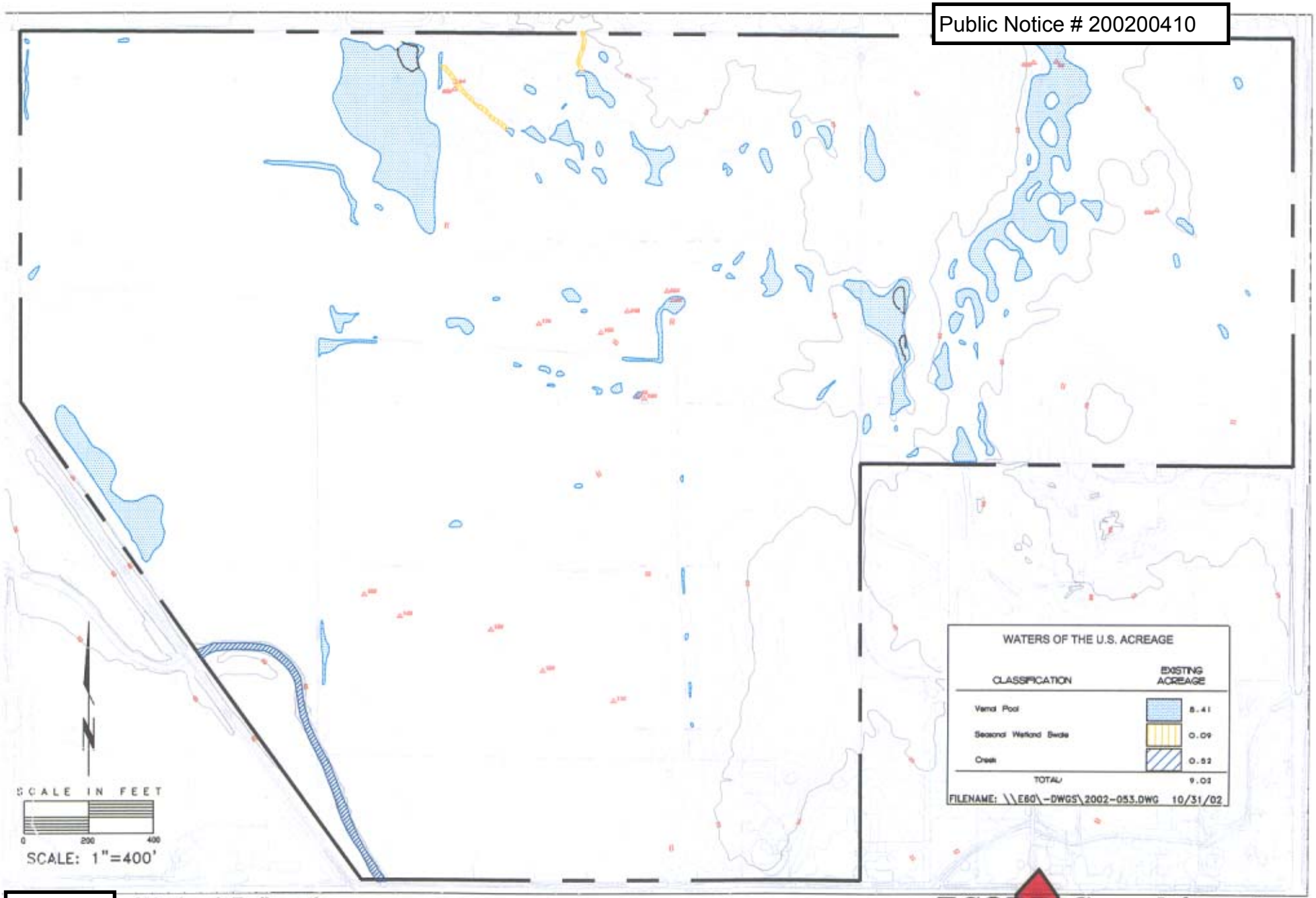

Figure 11 **Wetland Delineation**

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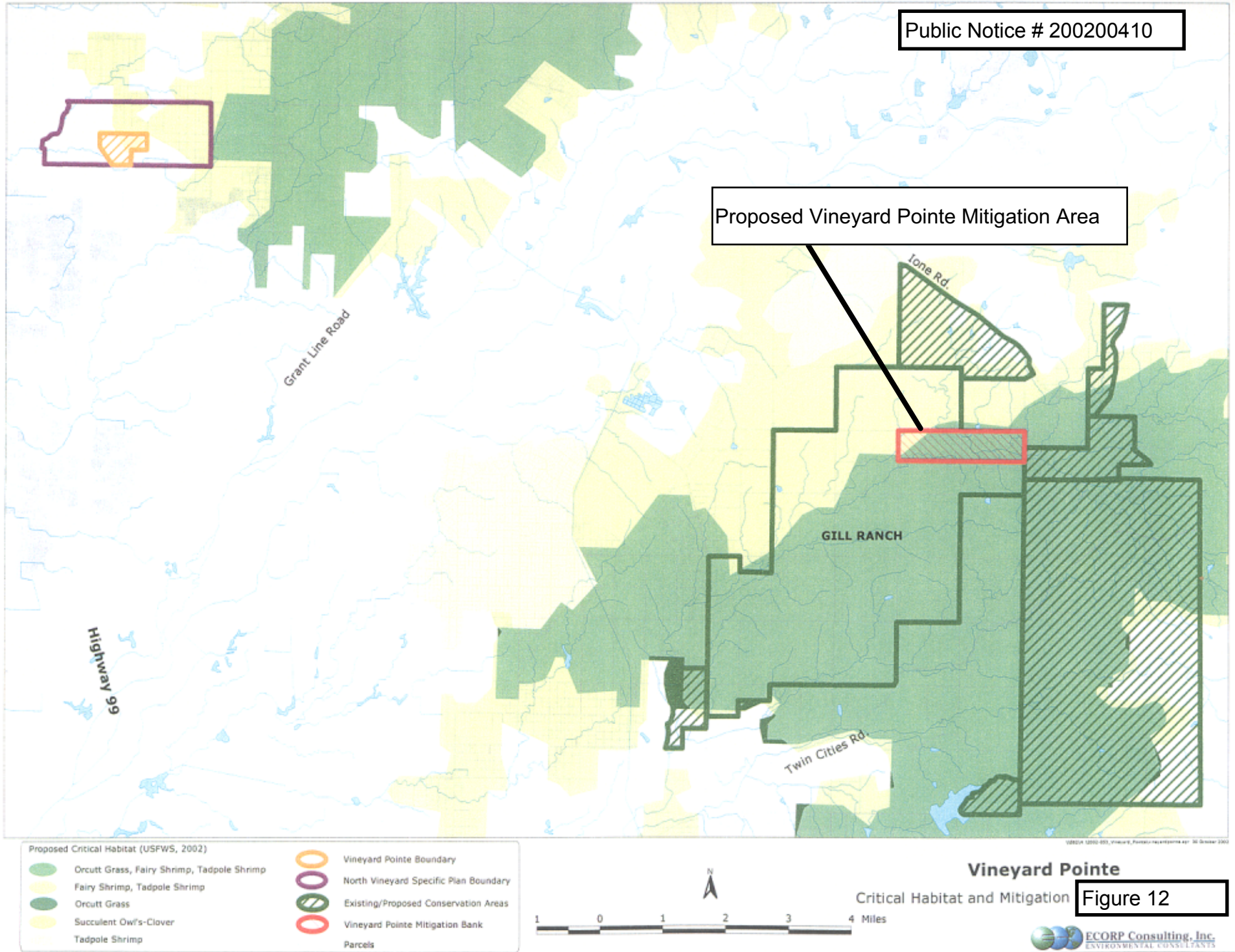
Public Notice # 200200410
Proposed Vineyard Pointe Mitigation Area
Grant Line Road
Highway 99
Ione Rd.
GILL RANCH
Twin Cities Rd.
Proposed Critical Habitat (USFWS, 2002)
Orcutt Grass, Fairy Shrimp, Tadpole Shrimp
Fairy Shrimp, Tadpole Shrimp
Orcutt Grass
Succulent Owl's-Clover
Tadpole Shrimp
Vineyard Pointe Boundary
North Vineyard Specific Plan Boundary
Existing/Proposed Conservation Areas
Vineyard Pointe Mitigation Bank
Parcels
N
1 0 1 2 3 4 Miles
Vineyard Pointe
Critical Habitat and Mitigation
Figure 12
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2002-051 Vineyard Creek

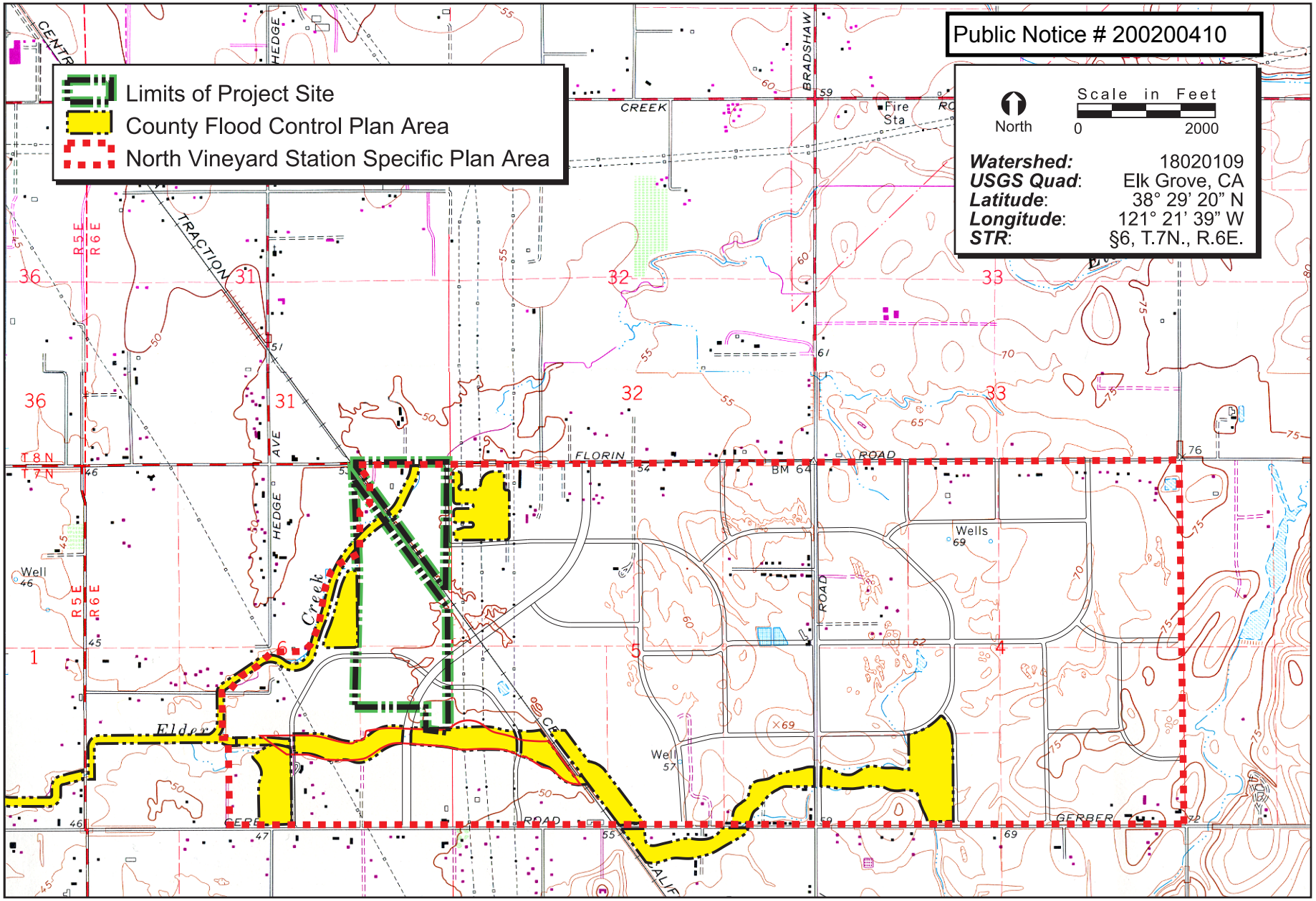

Figure 13 **Project Site and Specific Plan Area**

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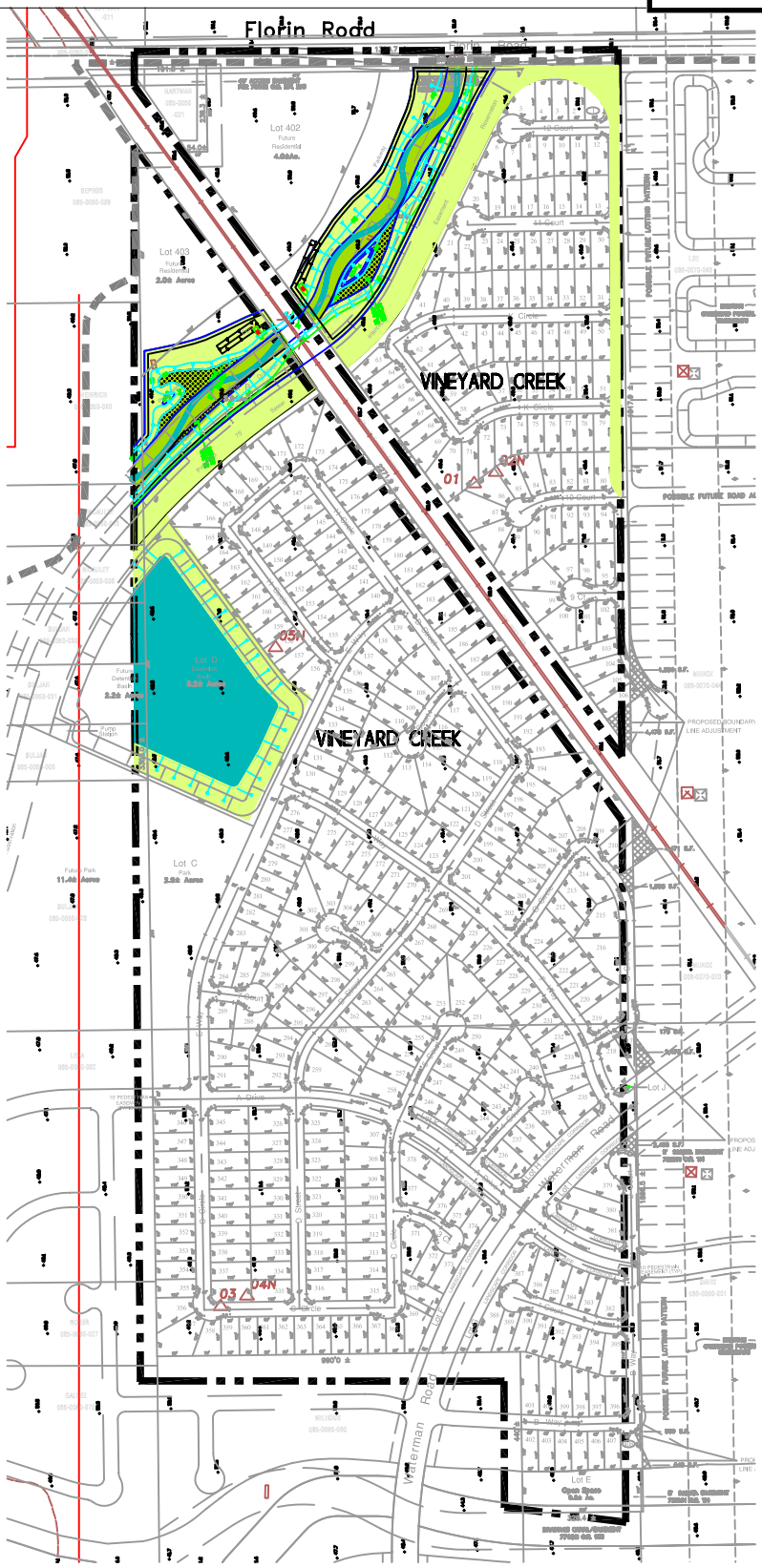

FILENAME: -DWGS\2002-051\NVS-US-LU.DWG 01/09/03

Figure 14 Vineyard Creek-Land Use Plan

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2002-051 Vineyard Creek

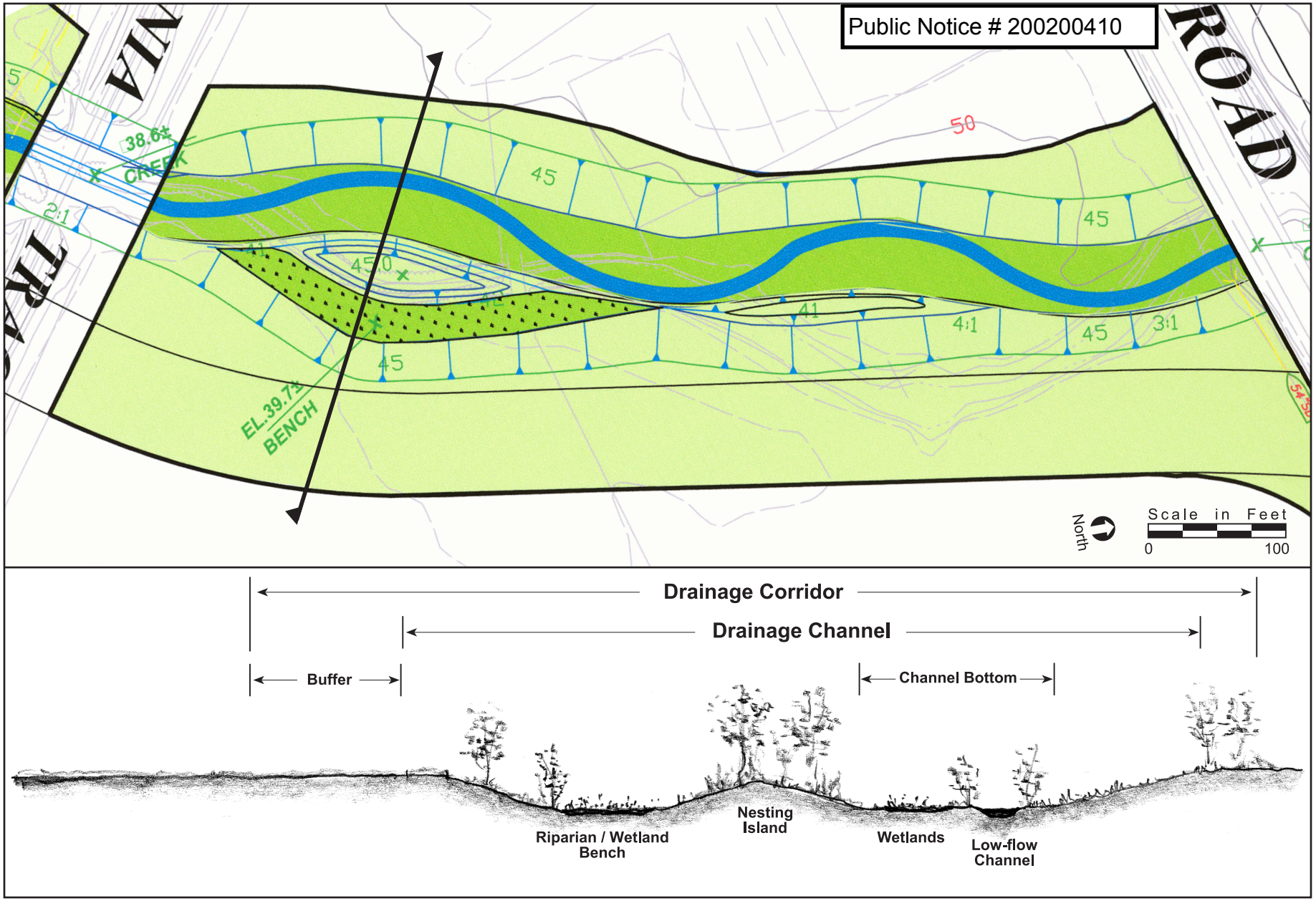

Figure 15 **Channel Design Detail and Typical Cross Section**

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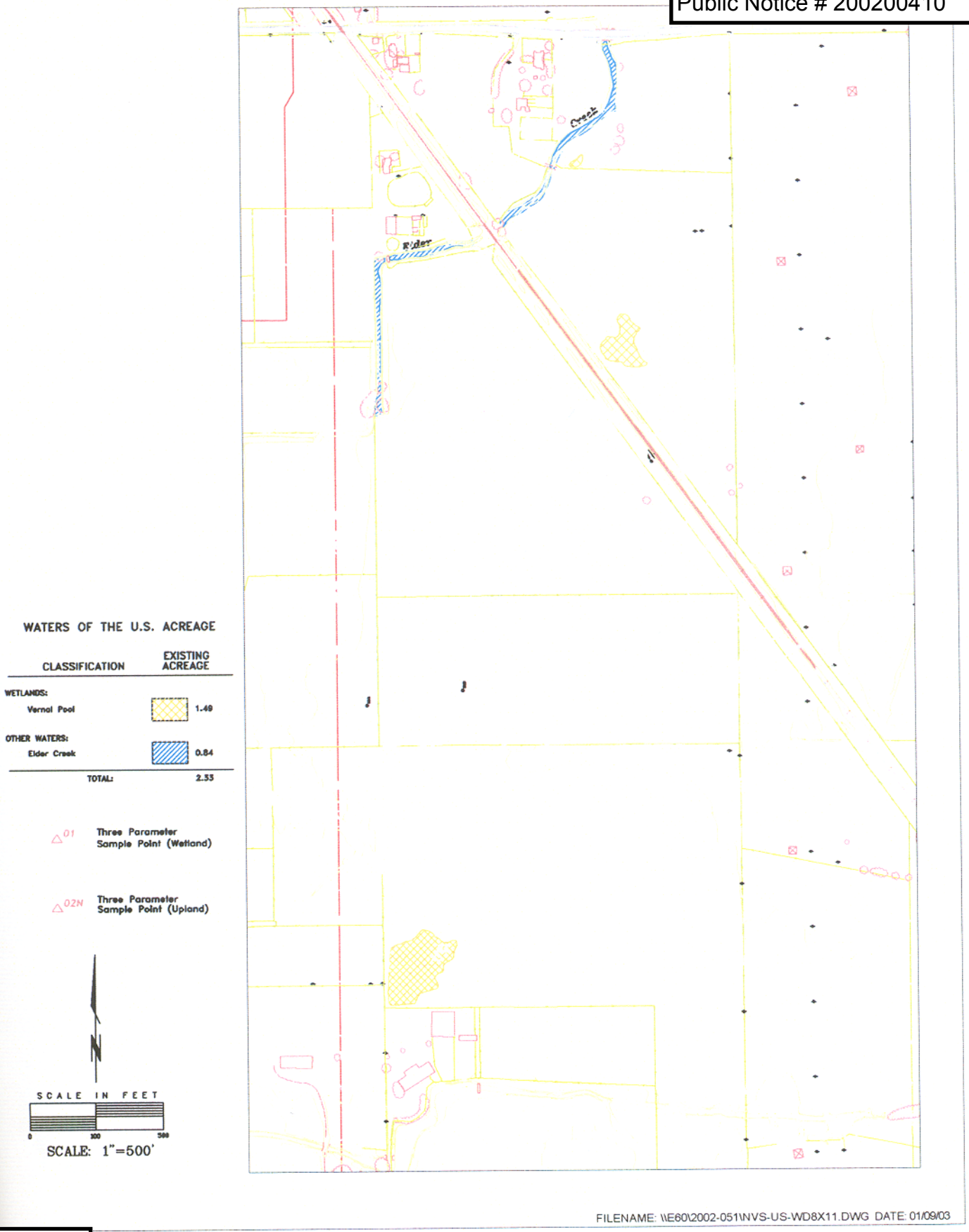

FILENAME: \\E60\2002-051\NVS-US-WD8X11.DWG DATE: 01/09/03

Figure 16 Wetland Delineation

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