

# ATTACHMENT 1

## GENERAL PERMIT \*

\* THE CURRENT GENERAL PERMIT may be downloaded from the State Water Resource Control Board homepage at [www.swrcb.ca.gov](http://www.swrcb.ca.gov) and clicking “stormwater” and then clicking “construction program.”

## ATTACHMENT 2

# LIST OF HISTORICALLY MONITORED POLLUTANTS

TABLE 1. LIST OF HISTORICALLY MONITORED POLLUTANTS

Analyte	Units
pH	pH Units
Turbidity	NTU
Gasoline	ug/L
JP-4	ug/L
Diesel	mg/L
Motor Oil	mg/L
Mercury (total)	ug/L
Antimony (total)	ug/L
Arsenic (total)	ug/L
Barium (total)	ug/L
Beryllium (total)	ug/L
Cadmium (total)	ug/L
Chromium (total)	ug/L
Cobalt (total)	ug/L
Copper (total)	ug/L
Lead (total)	ug/L
Molybdenum (total)	ug/L
Nickel (total)	ug/L
Selenium (total)	ug/L
Silver (total)	ug/L
Thallium (total)	ug/L
Vanadium (total)	ug/L
Zinc (total)	ug/L
Mercury (dissolved)	ug/L
Antimony (dissolved)	ug/L
Arsenic (dissolved)	ug/L
Barium (dissolved)	ug/L
Beryllium (dissolved)	ug/L
Cadmium (dissolved)	ug/L
Chromium (dissolved)	ug/L
Cobalt (dissolved)	ug/L
Copper (dissolved)	ug/L
Lead (dissolved)	ug/L
Molybdenum (dissolved)	ug/L
Nickel (dissolved)	ug/L
Selenium (dissolved)	ug/L
Silver (dissolved)	ug/L
Thallium (dissolved)	ug/L
Vanadium (dissolved)	ug/L
Zinc (dissolved)	ug/L
2-Methylnaphthalene	ug/L
Acenaphthene	ug/L
Acenaphthylene	ug/L
Anthracene	ug/L
Benzo(a)anthracene	ug/L
Benzo(b)fluoranthene	ug/L
Benzo(k)fluoranthene	ug/L
Benzo(g,h,i)perylene	ug/L
Benzo(a)pyrene	ug/L
Chrysene	ug/L
Dibenz(a,h)anthracene	ug/L
Fluoranthene	ug/L
Fluorene	ug/L
Indeno(1,2,3-cd)pyrene	ug/L
Naphthalene	ug/L
Phenanthrene	ug/L
Pyrene	ug/L
Total Suspended Solids	mg/L
Total Dissolved Solids	mg/L

**Notes:**

NTU Nephelometric Turbidity Units  
 NA Not Applicable  
 mg/L milligrams per liter  
 ug/L micrograms per liter

# ATTACHMENT 3

Site maps

Showing

Drainage patterns and Storm Water Best  
Management Practices.

3/2/2004 3:38:48 PM--GIS--Projects--NAD83FT-SP3A-Hamilton-vicinity.mxd



Figure 1: Vicinity Map -- Former Hamilton Army Airfield near Novato, California.

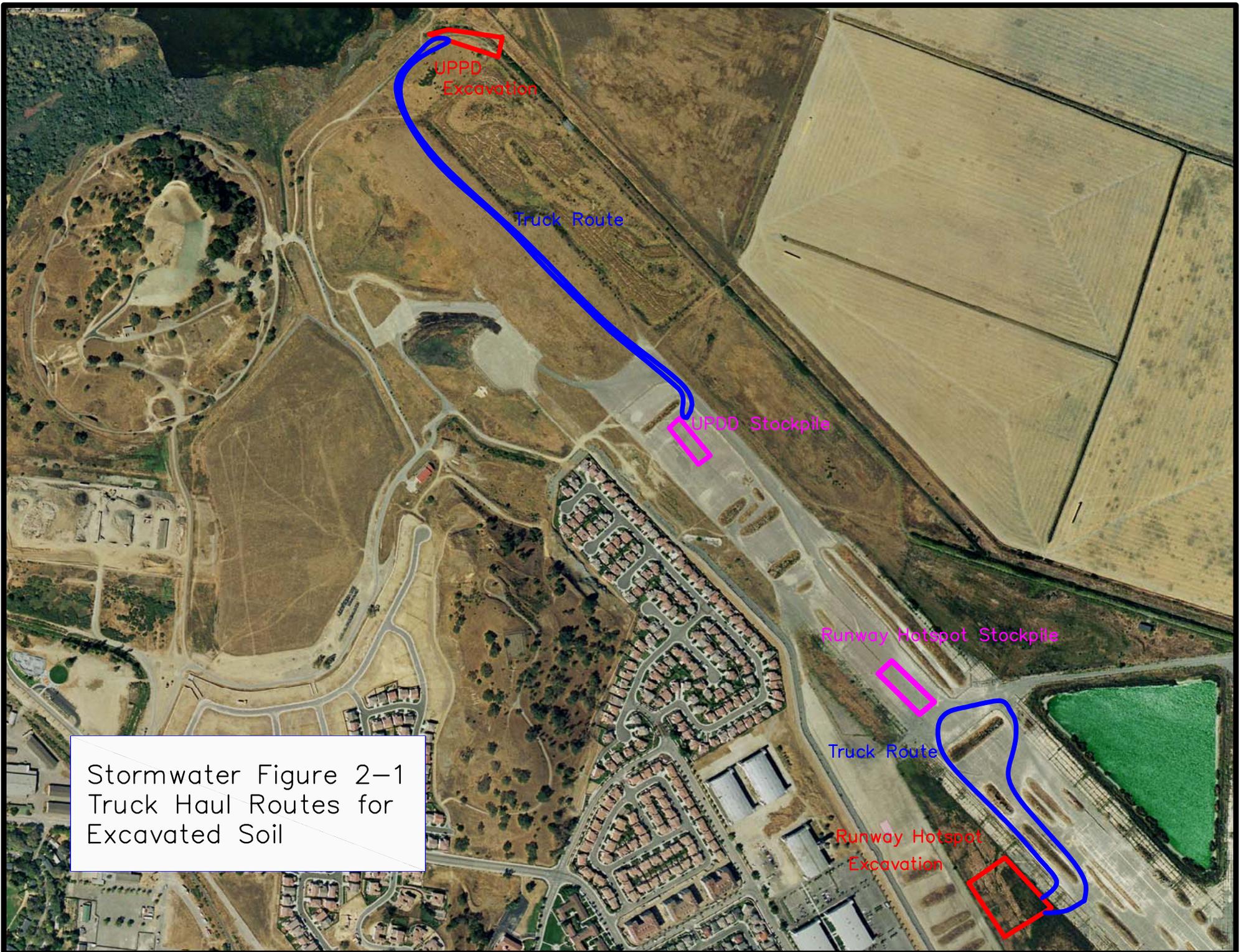


US Army Corps of Engineers  
Sacramento District  
Feb. 2004



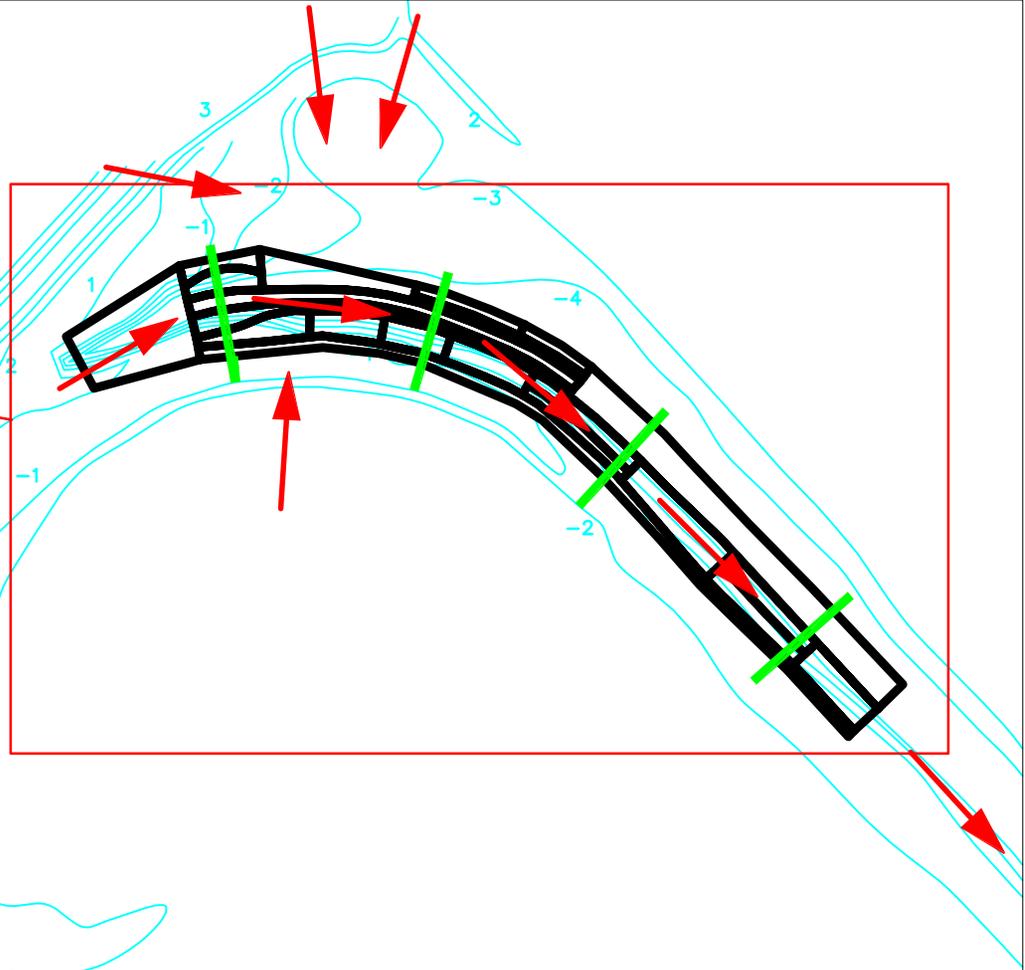
Figure 2: Former Hamilton Army Airfield Stormwater Plan and Revetment Removal and Coastal Salt Marsh Remediation Areas.





Stormwater Figure 2-1  
Truck Haul Routes for  
Excavated Soil

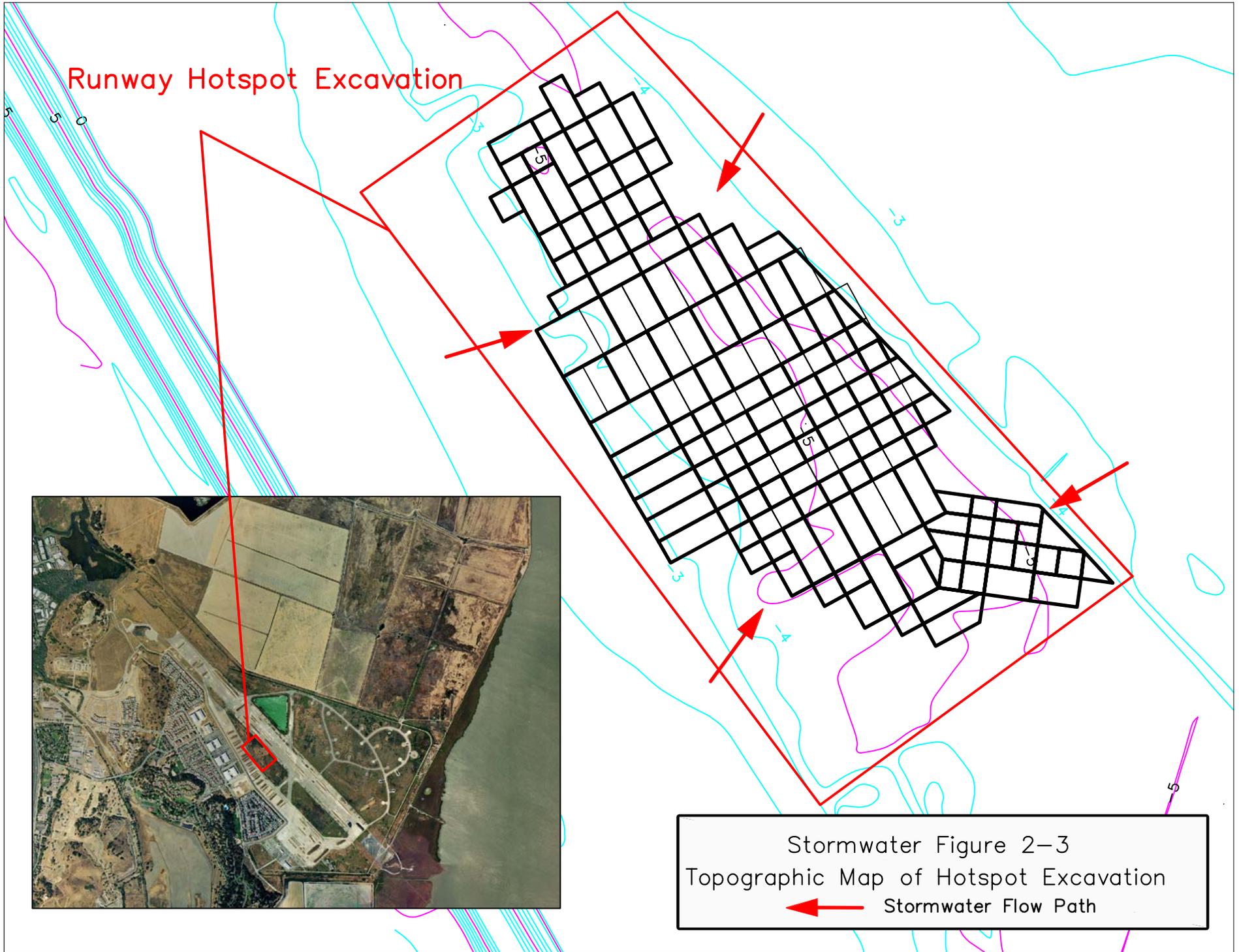
UPDD Excavation



Stormwater Figure 2-2  
Excavation Area for UPDD

- ← Stormwater Flow Path
- Straw Wattles

# Runway Hotspot Excavation



Stormwater Figure 2-3  
Topographic Map of Hotspot Excavation  
← Stormwater Flow Path



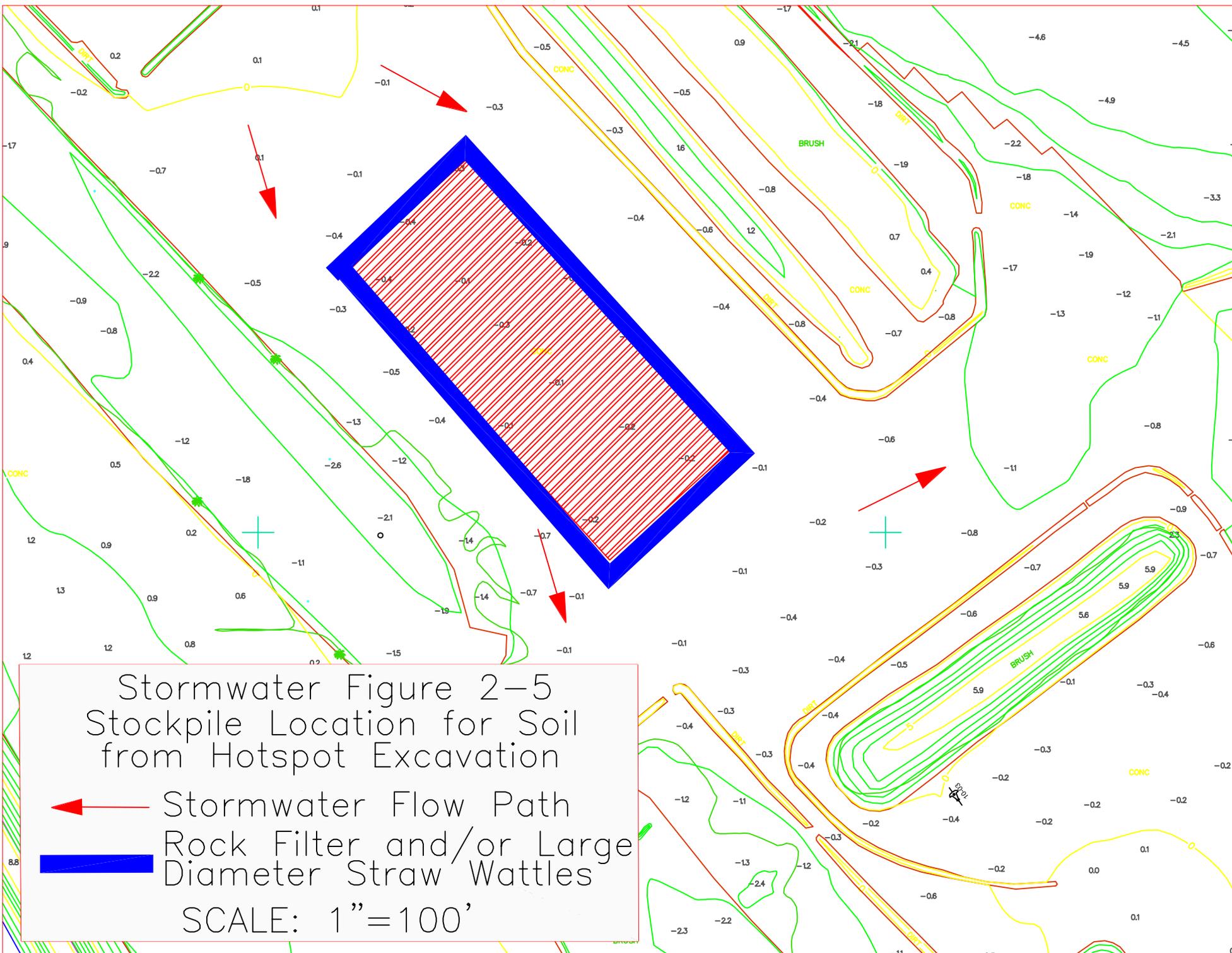


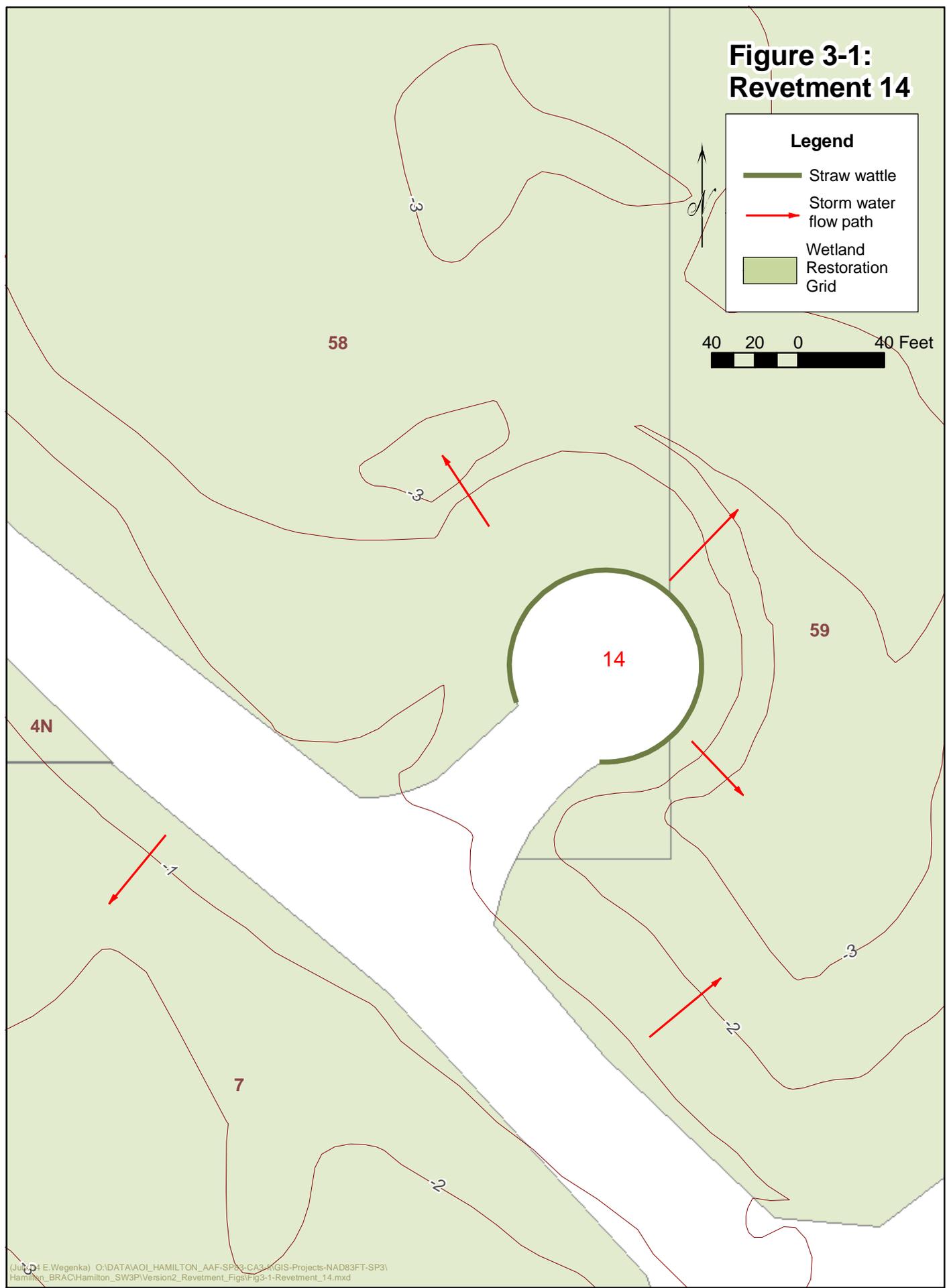
Figure 3: Storm Water Drainage



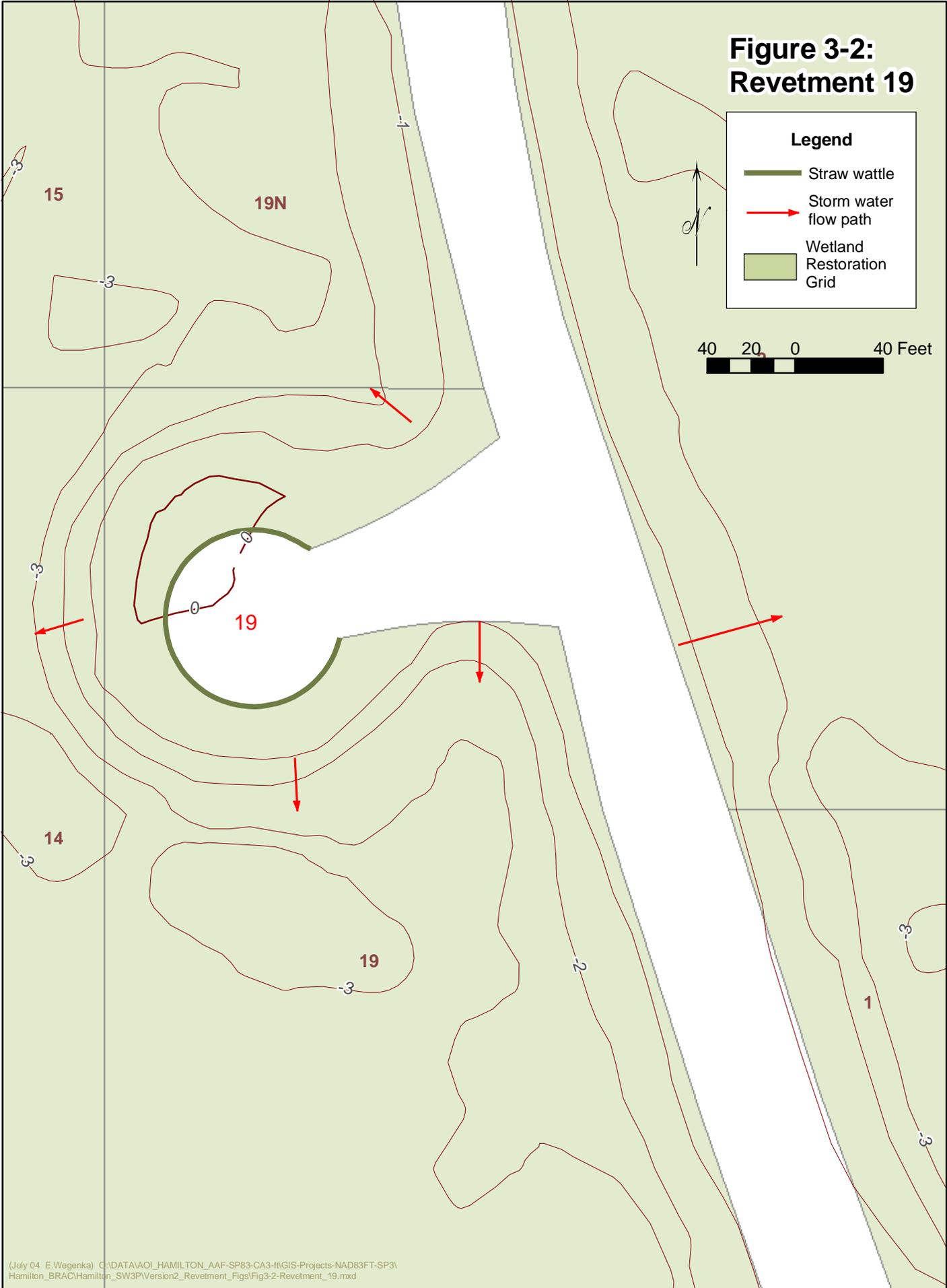
**Figure 3-1:  
Revetment 14**

**Legend**

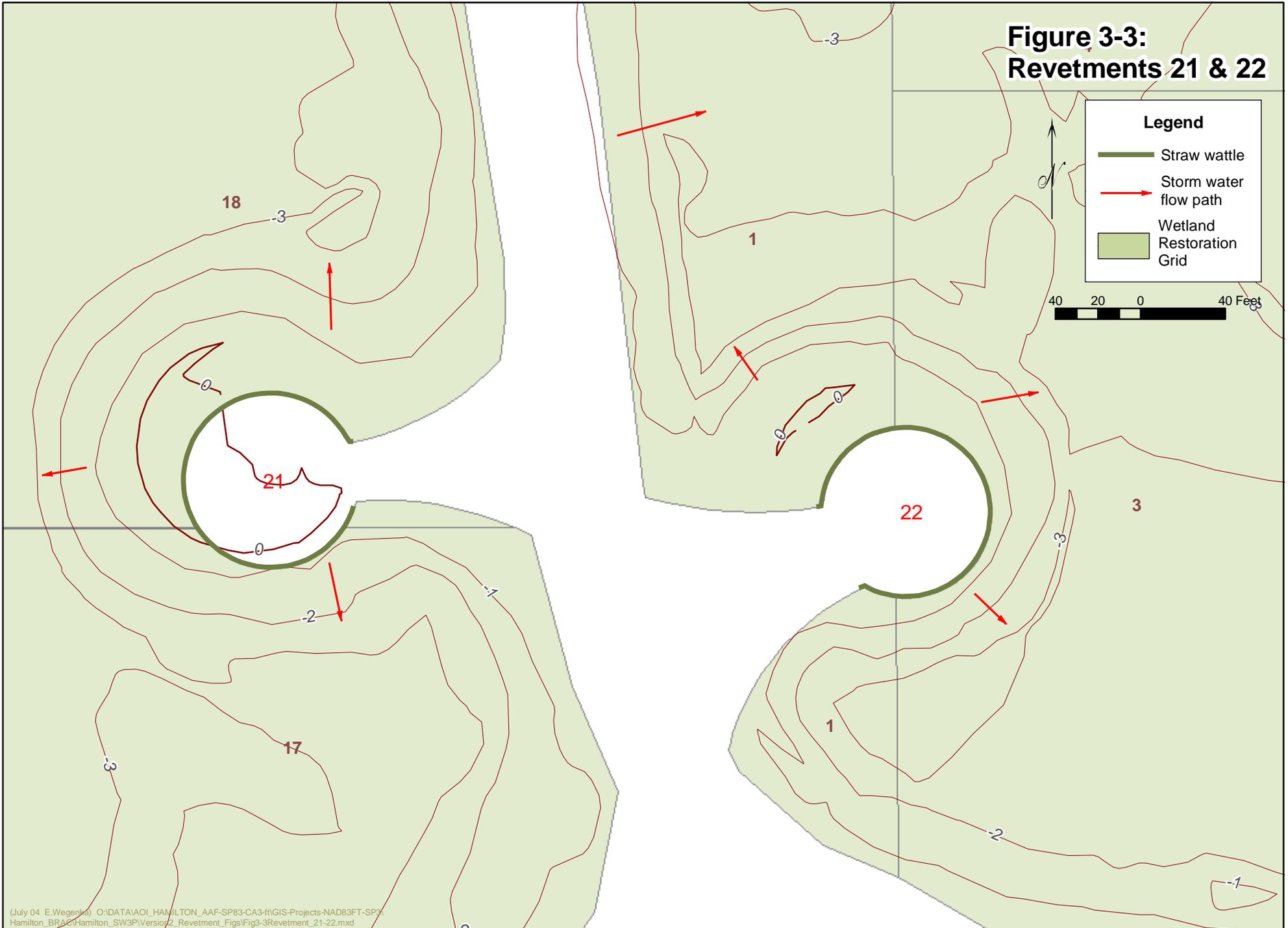
- Straw wattle
- Storm water flow path
- Wetland Restoration Grid



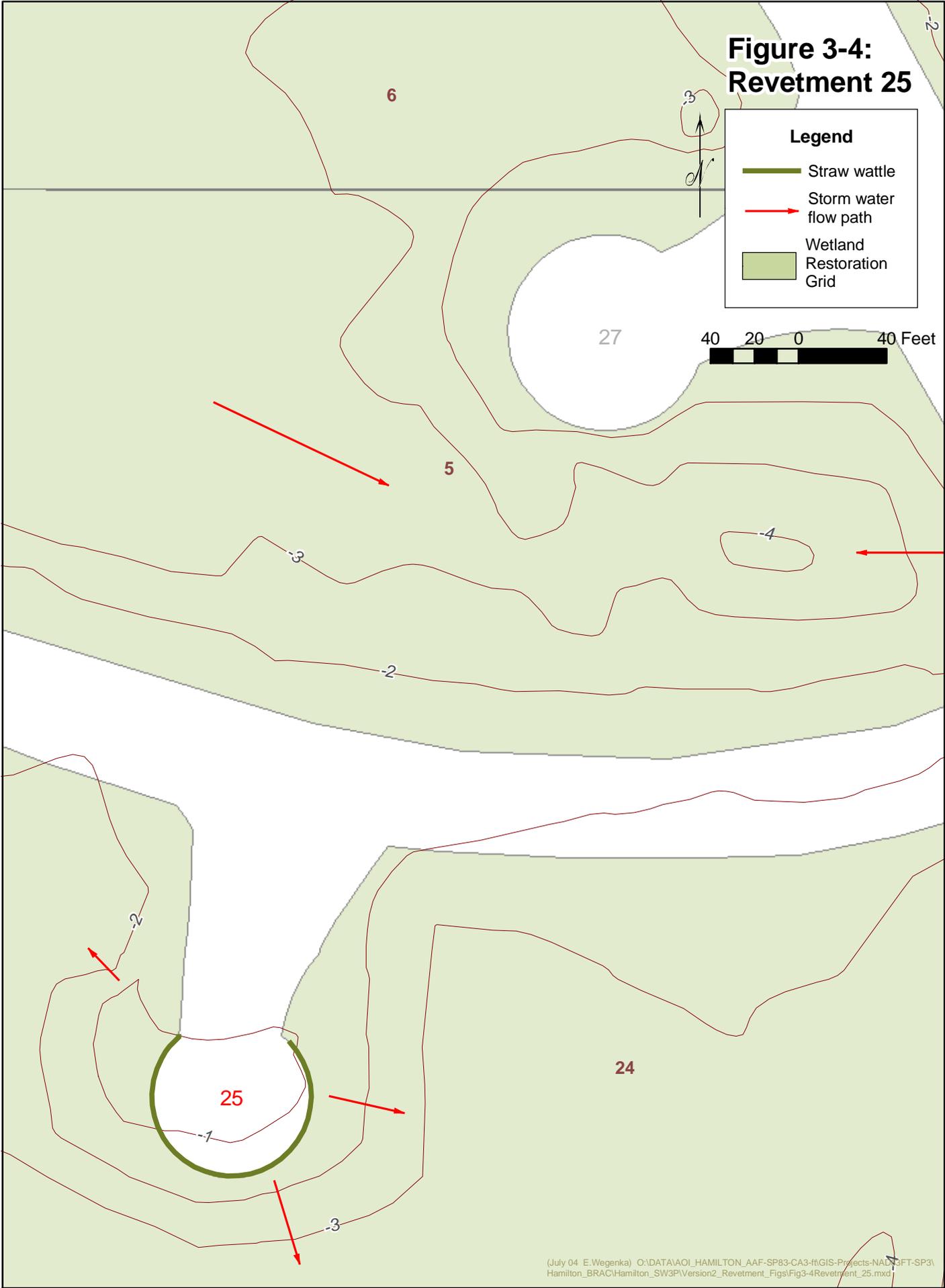
**Figure 3-2:  
Revetment 19**



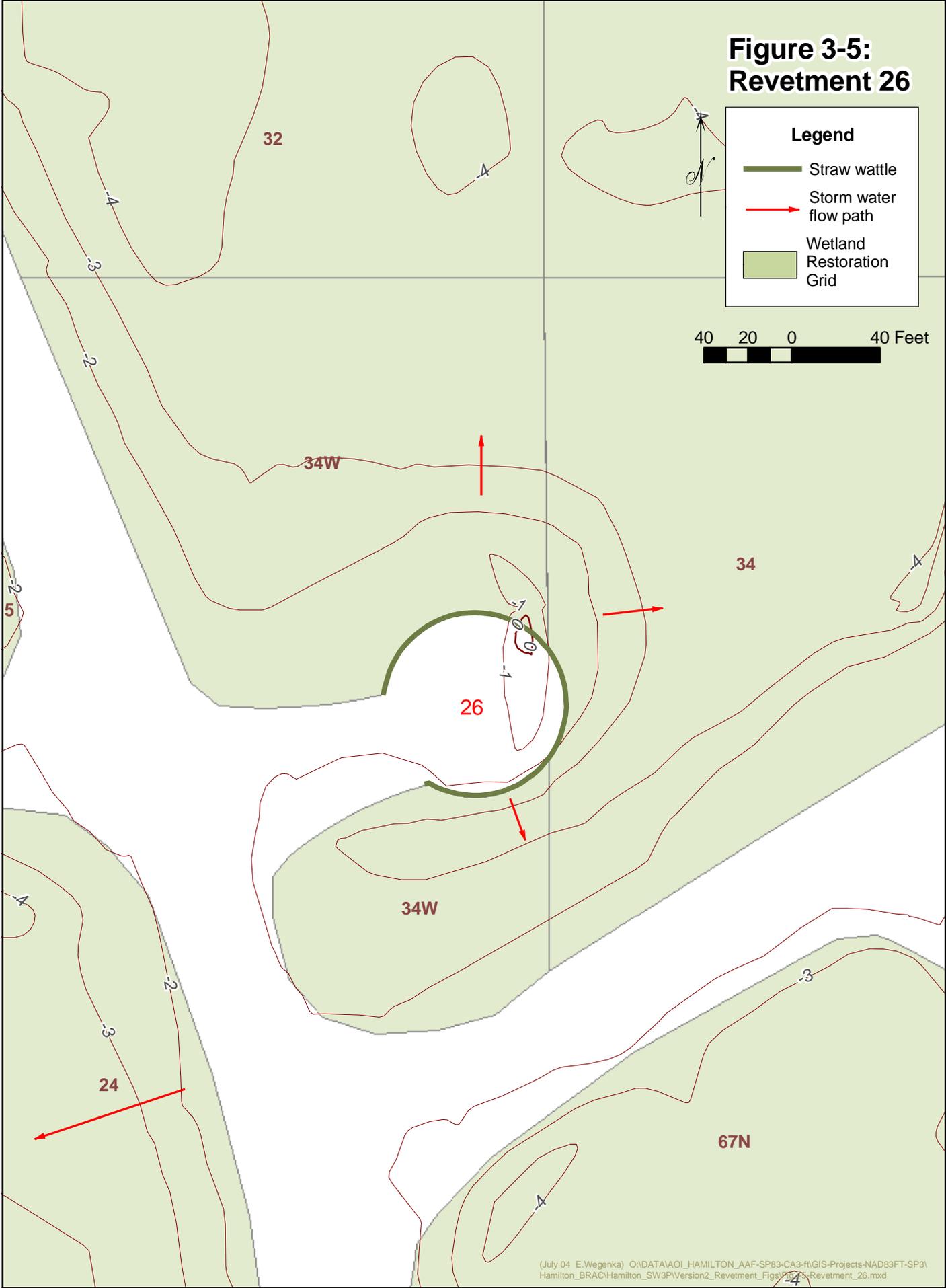
**Figure 3-3:  
Revetments 21 & 22**



**Figure 3-4:  
Revetment 25**



**Figure 3-5:  
Revetment 26**



ATTACHMENT 4  
CONTRACTOR'S  
SCHEDULE  
TO INSTALL  
BMP'S

# ATTACHMENT 5

## COMPUTATION SHEET FOR DETERMINING RUNOFF COEFFICIENTS

# Attachment 5

## Computation Sheet for Determining Runoff Coefficients

$$\text{Total Site Area} = \underline{\quad 20.0 \text{ Acres} \quad} \quad (\text{A})$$

### Existing Site Conditions

$$\text{Impervious Site Area}^1 = \underline{\quad 6 \text{ Acres} \quad} \quad (\text{B})$$

$$\text{Impervious Site Area Runoff Coefficient}^{2,4} = \underline{\quad 0.95 \quad} \quad (\text{C})$$

$$\text{Pervious Site Area}^3 = \underline{\quad 14 \text{ Acres} \quad} \quad (\text{D})$$

$$\text{Pervious Site Area Runoff Coefficient}^4 = \underline{\quad 0.40 \quad} \quad (\text{E})$$

$$\text{Existing Site Area Runoff Coefficient} \quad \frac{(B \times C) + (D \times E)}{(A)} = \underline{\quad 0.57 \quad} \quad (\text{F})$$

### Proposed Site Conditions (after construction)

$$\text{Impervious Site Area}^1 = \underline{\quad 2 \text{ Acres} \quad} \quad (\text{G})$$

$$\text{Impervious Site Area Runoff Coefficient}^{2,4} = \underline{\quad 0.95 \quad} \quad (\text{H})$$

$$\text{Pervious Site Area}^3 = \underline{\quad 18 \text{ Acres} \quad} \quad (\text{I})$$

$$\text{Pervious Site Area Runoff Coefficient}^4 = \underline{\quad 0.40 \quad} \quad (\text{J})$$

$$\text{Proposed Site Area Runoff Coefficient} \quad \frac{(G \times H) + (I \times J)}{(A)} = \underline{\quad 0.46 \quad} \quad (\text{K})$$

1. Includes paved areas, areas covered by buildings, and other impervious surfaces.
2. Use 0.95 unless lower or higher runoff coefficient can be verified.
3. Includes areas of vegetation, most unpaved or uncovered soil surfaces, and other pervious areas.
4. Refer to local Hydrology Manual for typical C values.

# ATTACHMENT 6

## COMPUTATIONAL SHEET FOR DETERMINING RUN-ON DISCHARGES

# Attachment 6

## Computational Sheet for Determining Run-on Discharges

### *Existing Site Conditions*

$$\text{Area Runoff Coefficient} = \underline{\hspace{2cm} 0.57 \hspace{2cm}} \quad (\text{A})$$

$$\text{Area Rainfall Intensity} = \underline{\hspace{2cm} 0.45 \text{ in/hr} \hspace{2cm}} \quad (\text{B})$$

$$\text{Drainage Area} = \underline{\hspace{2cm} 20 \text{ Acres} \hspace{2cm}} \quad (\text{C})$$

$$\text{Site Area Run-on Discharge} \quad (\text{A}) \times (\text{B}) \times (\text{C}) = \underline{\hspace{2cm} 5.13 \text{ ft}^3/\text{sec} \hspace{2cm}} \quad (\text{D})$$