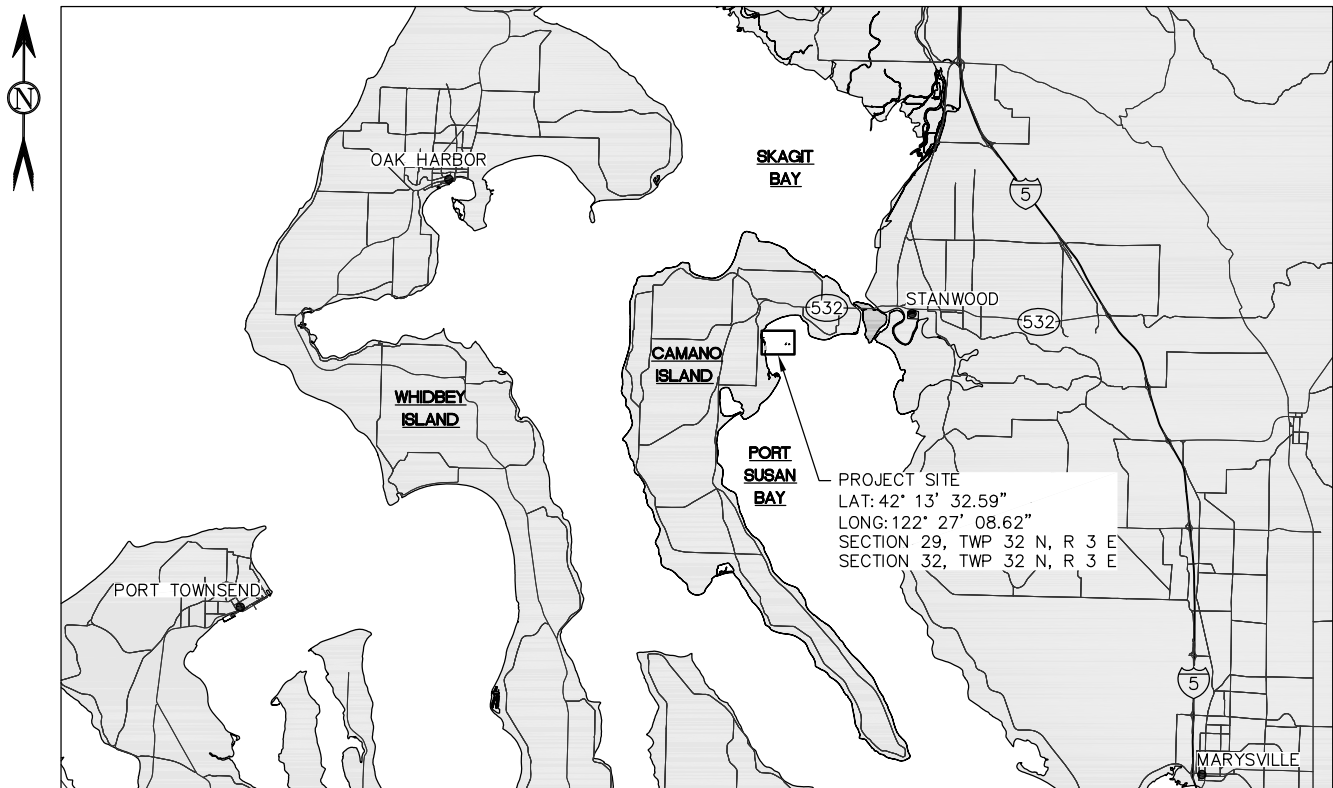


WASHINGTON KEY MAP

DRAWING INDEX

1. VICINITY MAP
2. SITE PLAN - ACCESS & DEMOLITION
3. SITE PLAN - SOUTH BREACH FILL
4. SITE PLAN - NORTH BREACH EXCAVATION
5. SECTIONS - SOUTH BREACH FILL
6. SECTIONS - NORTH BREACH EXCAVATION



LOCATION MAP

N.T.S.

TIDAL WATER LEVELS (MLLW)

MEAN HIGHER HIGH WATER	11.2'
MEAN SEA LEVEL	6.6'
MEAN LOWER LOW WATER	0.0'

PURPOSE: POCKET ESTUARY RESTORATION

DATUM: MLLW

ADJACENT PROPERTY OWNERS:

SWIGERT NELSON
 PERA COOK
 WIGHT

**LIVINGSTON BAY POCKET
 ESTUARY RESTORATION**

VICINITY MAP

APPLICATION BY: THE NATURE CONSERVANCY

PROPOSED: TIDAL CHANNEL EXCAVATION, BREACH FILL

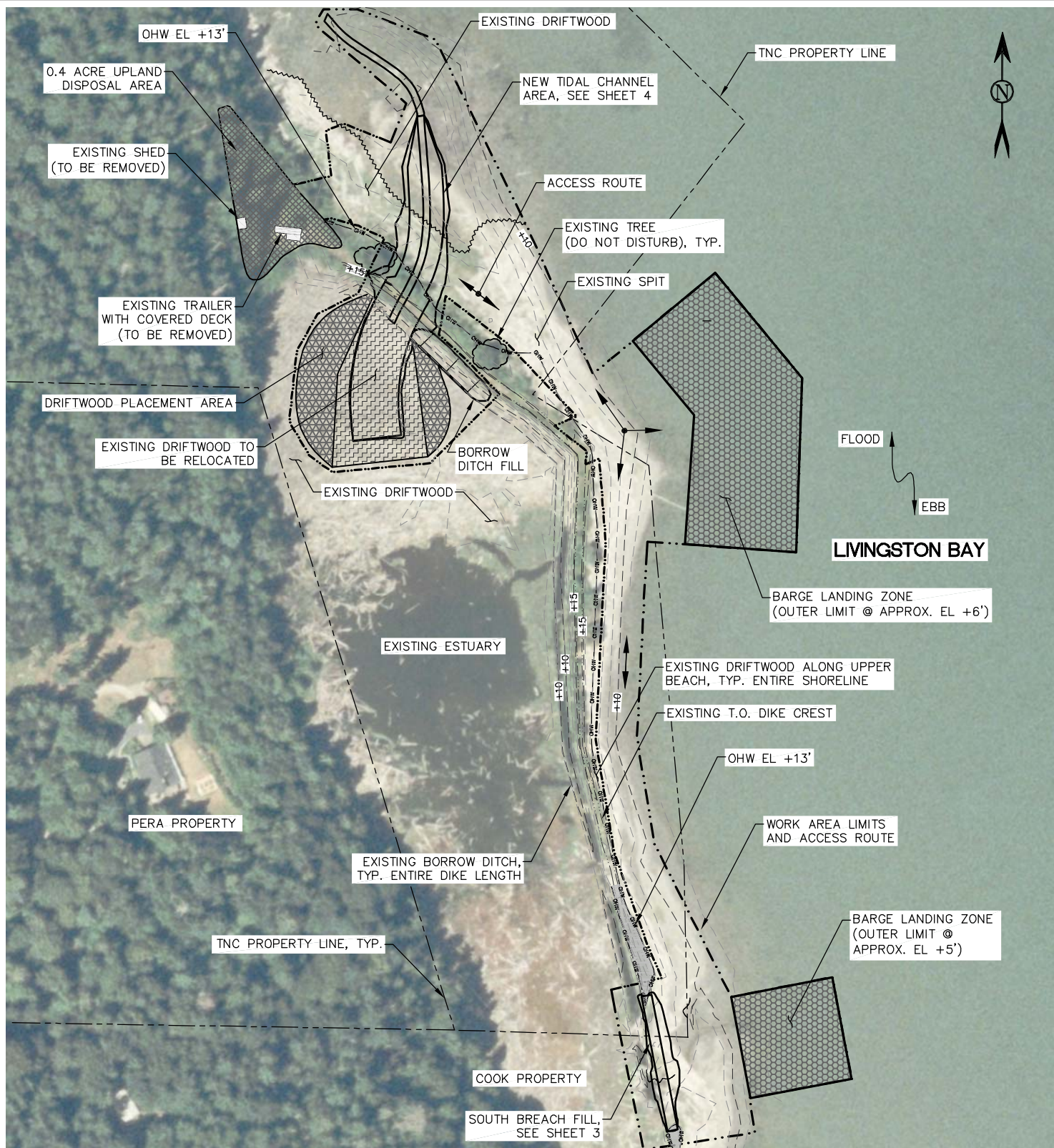
IN: LIVINGSTON BAY

AT: CAMANO ISLAND

COUNTY: ISLAND

SHEET 1 OF 6

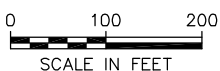
DATE: 11/15/2011



LEGEND

	BARGE LANDING ZONE
	UPLAND DISPOSAL AREA
	DRIFTWOOD REMOVAL AREA
	DRIFTWOOD PLACEMENT AREA
	— — — OHW
	~~~~~ DRIFTWOOD LIMIT

### OVERALL SITE PLAN



### TIDAL WATER LEVELS (MLLW)

MEAN HIGHER HIGH WATER	11.2'
MEAN SEA LEVEL	6.6'
MEAN LOWER LOW WATER	0.0'

**PURPOSE:** POCKET ESTUARY RESTORATION

**DATUM:** MLLW

**ADJACENT PROPERTY OWNERS:**

SWIGERT  
PERA  
WIGHT

NELSON  
COOK

## LIVINGSTON BAY POCKET ESTUARY RESTORATION SITE PLAN - ACCESS & DEMOLITION

APPLICATION BY: THE NATURE CONSERVANCY

**PROPOSED:** TIDAL CHANNEL EXCAVATION, BREACH FILL

**IN:** LIVINGSTON BAY

**AT:** CAMANO ISLAND

**COUNTY:** ISLAND

SHEET 2 OF 6

**DATE:** 11/15/2011





FLOOD  
EBB

LIVINGSTON BAY

EXISTING BORROW DITCH

EXISTING TIDAL OUTLET CHANNEL

RELOCATE DRIFTWOOD ALONG WATERWARD SLOPE, SEE NOTE 1

EXISTING ESTUARY

NEW BREACH FILL TEMPLATE

EXISTING DIKE CREST

### QUANTITIES (BELOW MHHW)

1. FILL  
VOLUME: 20 CY  
AREA: 1800 SQ FT

### NOTE:

1. EXISTING DRIFTWOOD LOCATED IN OUTLET CHANNEL TO BE STOCKPILED AND PLACED ON SEAWARD SIDE OF FILL BELOW OHW.

### SITE PLAN



### TIDAL WATER LEVELS (MLLW)

MEAN HIGHER HIGH WATER	11.2'
MEAN SEA LEVEL	6.6'
MEAN LOWER LOW WATER	0.0'

PURPOSE: POCKET ESTUARY RESTORATION

DATUM: MLLW

ADJACENT PROPERTY OWNERS:

SWIGERT NELSON  
PERA COOK  
WIGHT

## LIVINGSTON BAY POCKET ESTUARY RESTORATION

### SITE PLAN - SOUTH BREACH FILL

APPLICATION BY: THE NATURE CONSERVANCY

PROPOSED: TIDAL CHANNEL EXCAVATION, BREACH FILL

IN: LIVINGSTON BAY

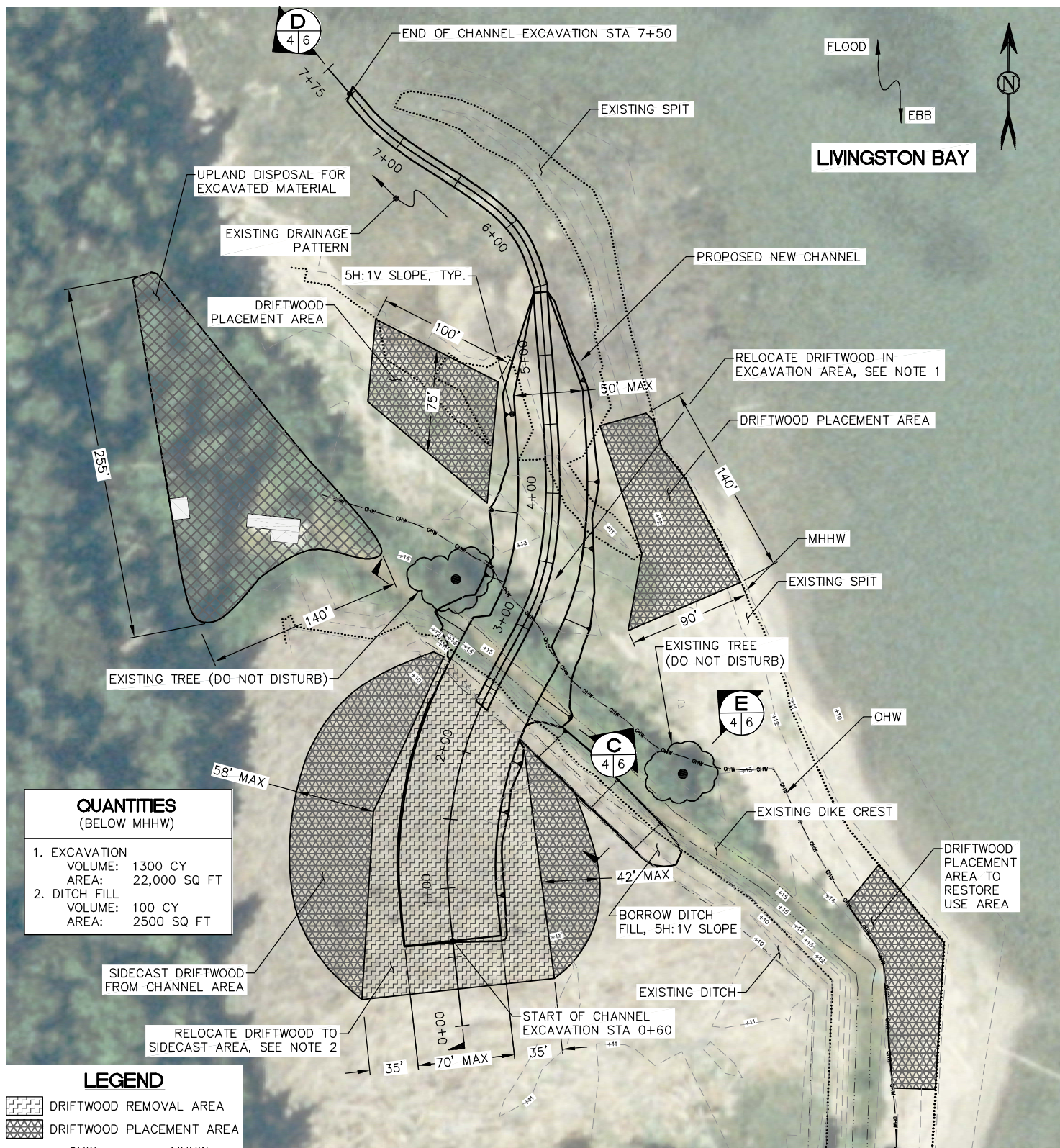
AT: CAMANO ISLAND

COUNTY: ISLAND

SHEET 3 OF 6

DATE: 11/15/2011





**PURPOSE:** POCKET ESTUARY RESTORATION

**DATUM:** MLLW

**ADJACENT PROPERTY OWNERS:**

SWIGERT NELSON  
PERA COOK  
WIGHT

## LIVINGSTON BAY POCKET ESTUARY RESTORATION SITE PLAN - NORTH BREACH EXCAVATION

APPLICATION BY: THE NATURE CONSERVANCY

**PROPOSED:** TIDAL CHANNEL EXCAVATION, BREACH FILL

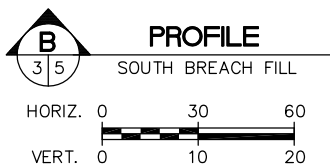
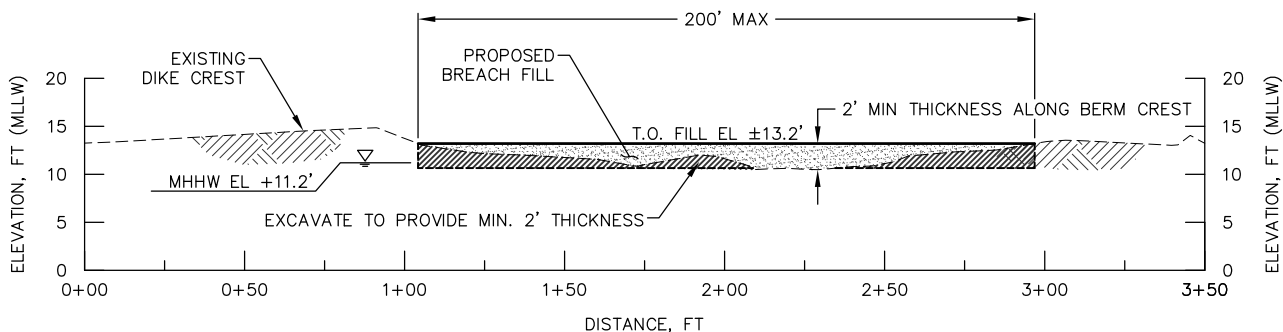
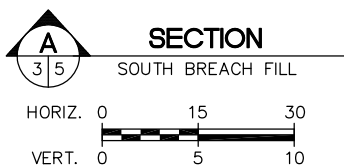
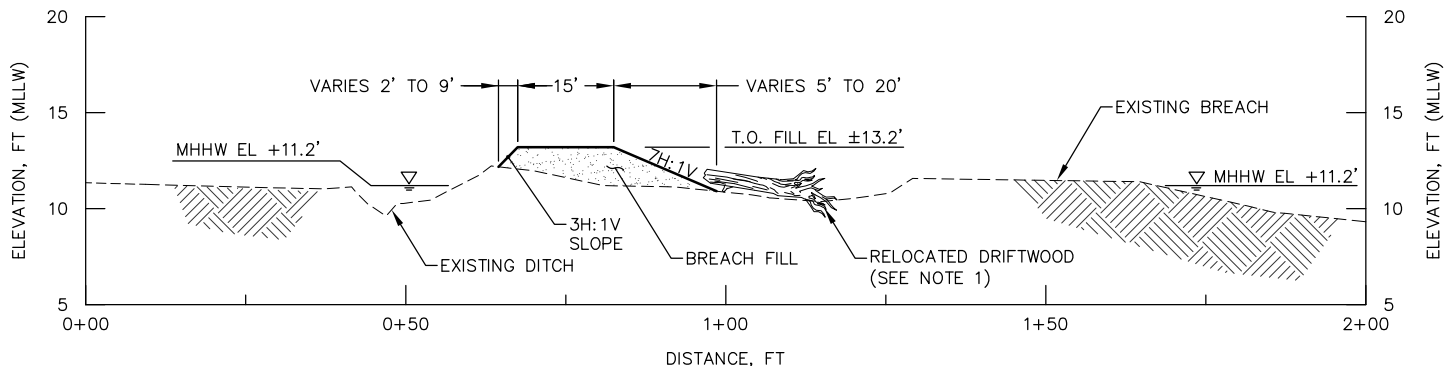
**IN:** LIVINGSTON BAY

**AT:** CAMANO ISLAND

**COUNTY:** ISLAND

SHEET 4 OF 6

DATE: 11/15/2011



#### NOTES:

1. DRIFTWOOD OBTAINED FROM WITHIN BREACH FILL FOOTPRINT TO BE INSTALLED ALONG FRONT SLOPE.
2. BREACH FILL TO BE GRANULAR ON SITE EXCAVATED MATERIAL, IMPORTED SANDY GRAVEL MIX, OR COMBINATION THEREOF.

**PURPOSE:** POCKET ESTUARY RESTORATION

**DATUM:** MLLW

**ADJACENT PROPERTY OWNERS:**

SWIGERT NELSON  
PERA COOK  
WIGHT

## LIVINGSTON BAY POCKET ESTUARY RESTORATION SECTIONS - SOUTH BREACH FILL

APPLICATION BY: THE NATURE CONSERVANCY

**PROPOSED:** TIDAL CHANNEL EXCAVATION, BREACH FILL

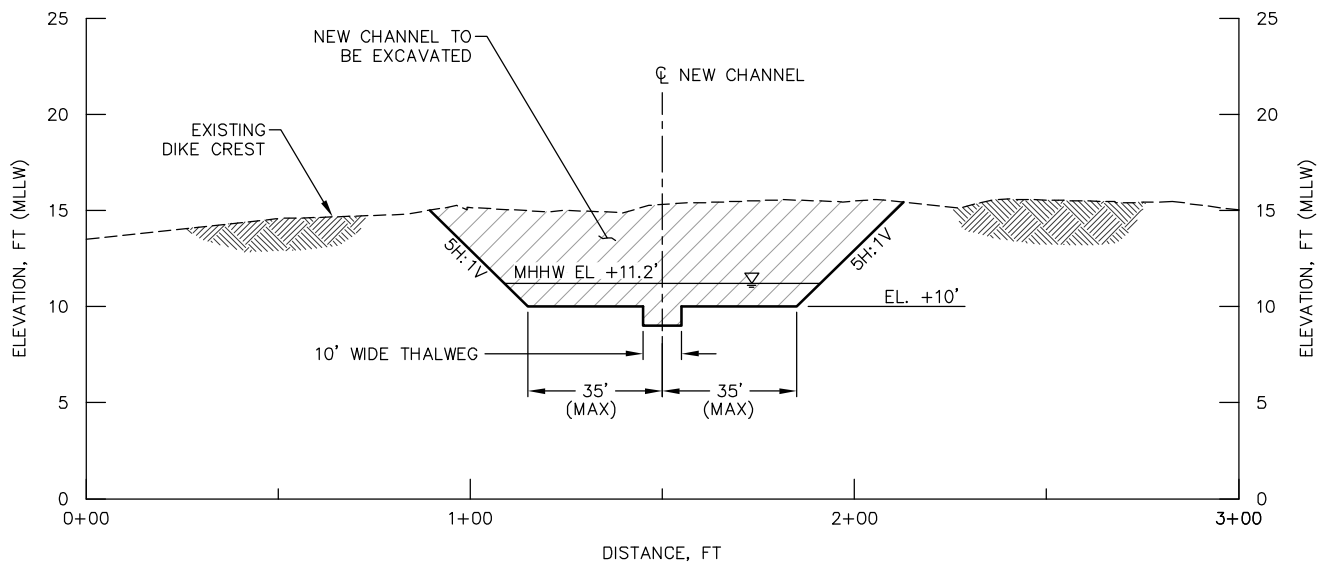
**IN:** LIVINGSTON BAY

**AT:** CAMANO ISLAND

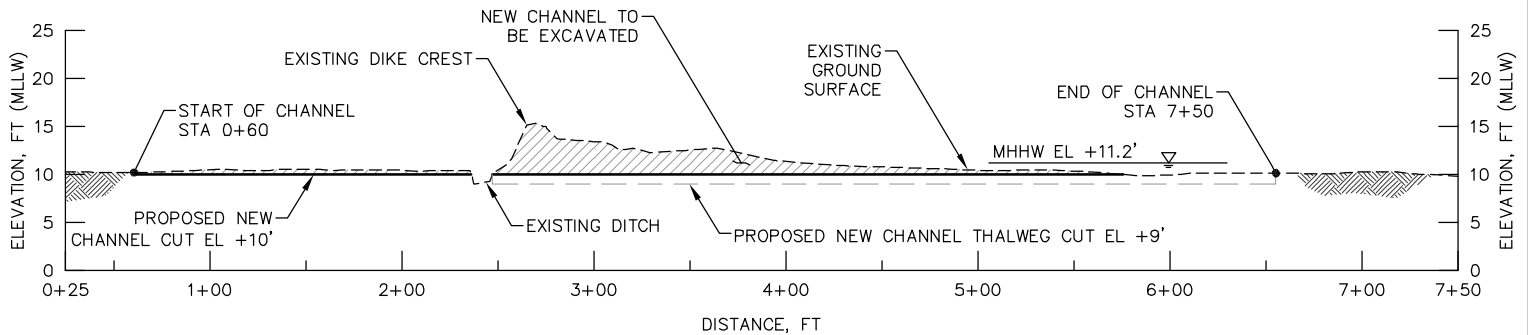
**COUNTY:** ISLAND

SHEET 5 OF 6

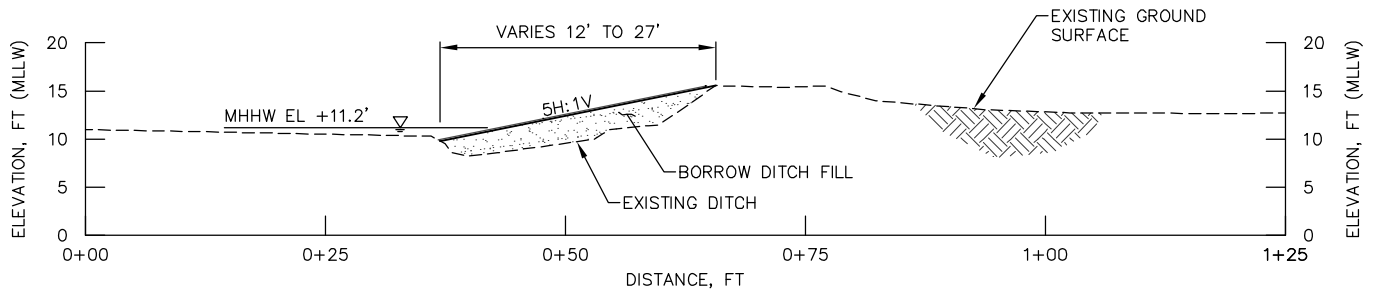
**DATE:** 11/15/2011



**SECTION C**  
4 6 NORTH BREACH EXCAVATION  
HORIZ. 0 25 50  
VERT. 0 5 10



**SECTION D**  
4 6 NORTH BREACH EXCAVATION  
HORIZ. 0 50 100  
VERT. 0 10 20



**SECTION E**  
4 6 NORTH BREACH EXCAVATION  
HORIZ. 0 10 20  
VERT. 0 10 20

**PURPOSE:** POCKET ESTUARY RESTORATION

**DATUM:** MLLW

**ADJACENT PROPERTY OWNERS:**

SWIGERT NELSON  
PERA COOK  
WIGHT

# **LIVINGSTON BAY POCKET ESTUARY RESTORATION SECTIONS - NORTH BREACH EXCAVATION**

APPLICATION BY: THE NATURE CONSERVANCY

**PROPOSED:** TIDAL CHANNEL EXCAVATION, BREACH FILL

**IN:** LIVINGSTON BAY

**AT:** CAMANO ISLAND

**COUNTY:** ISLAND

SHEET 6 OF 6

**DATE:** 11/15/2011