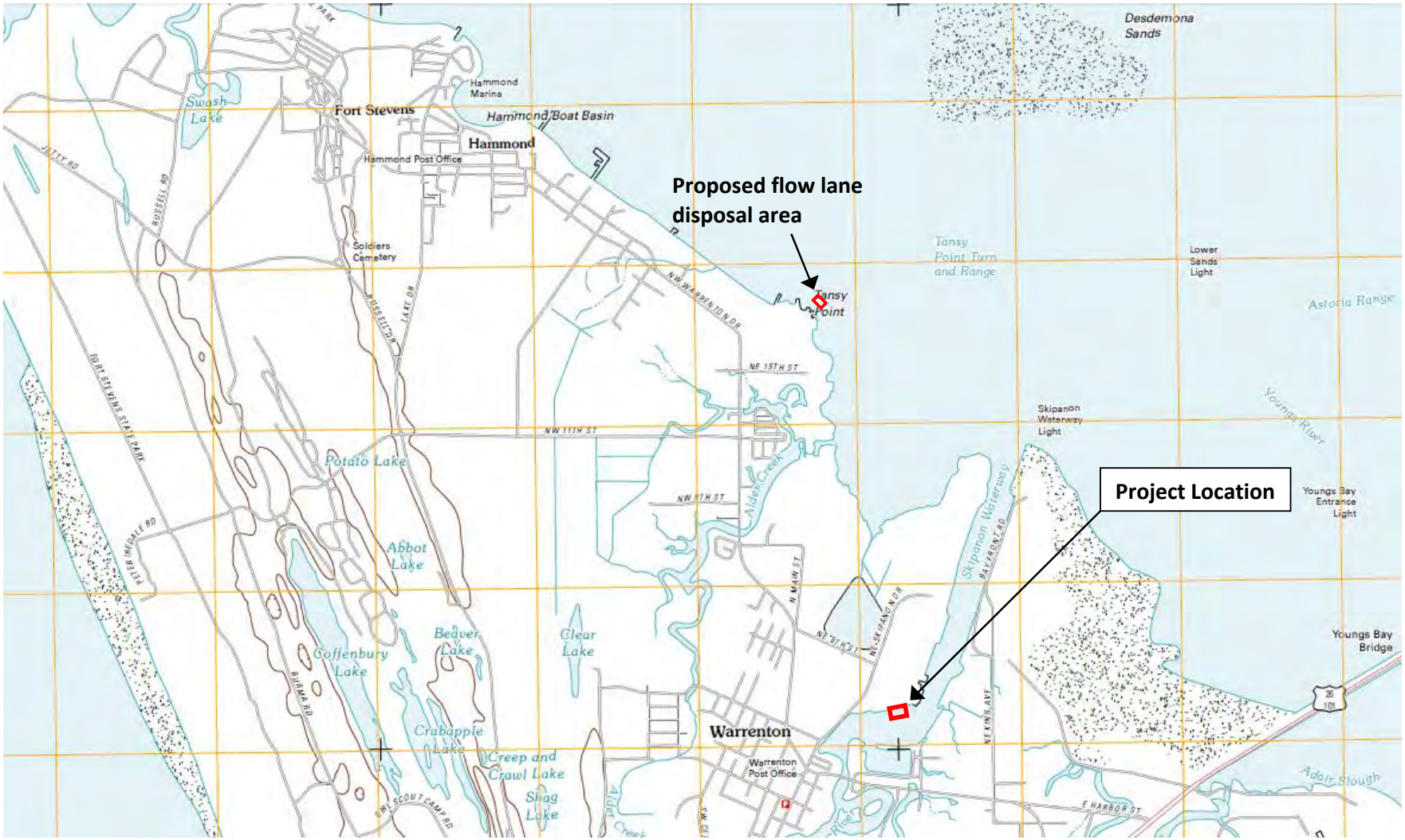


5785
9/30/15

Pacific Habitat Services, Inc.
9450 SW Commerce Circle, Suite 180
Wilsonville, OR 97070

Location and General topography
Port Warren Condominiums Moorage Dredging Project
(USGS Stayton, OR Quadrangle, 2011)

FIGURE
1

5785
9/30/15

Pacific Habitat Services, Inc.
9450 SW Commerce Circle, Suite 180
Wilsonville, OR 97070

Tax lot map 8 10 22BB, Tax Lot 80000 (Port Warren Moorage)
Port Warren Condominiums Moorage Dredging Project
Clatsop County (ormap.net, 2015)

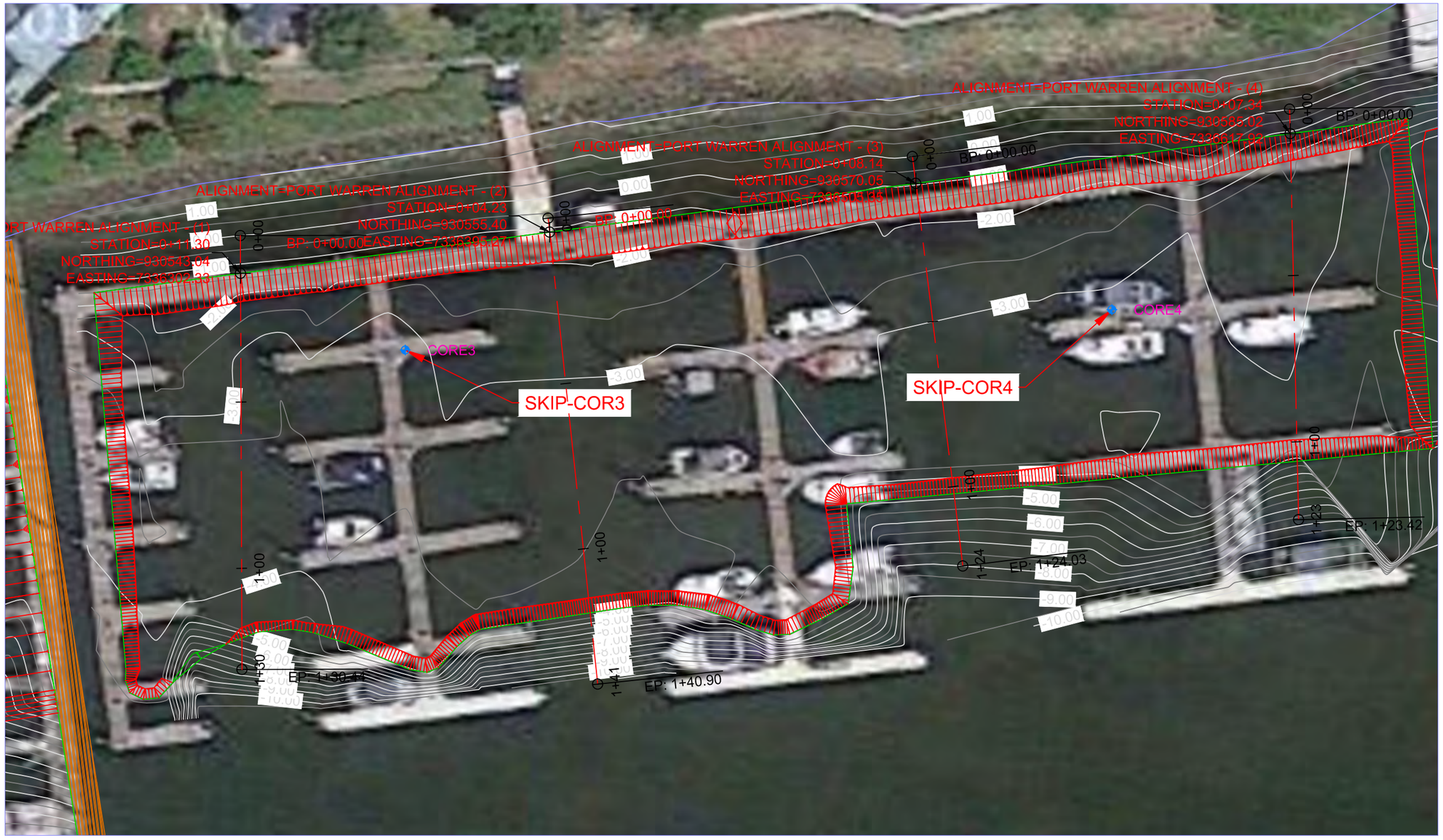
FIGURE
2

5785
9/30/15

Pacific Habitat Services, Inc.
9450 SW Commerce Circle, Suite 180
Wilsonville, OR 97070

Aerial Photograph
Port Warren Condominiums Moorage Dredging Project
(Google Earth, 2015)

FIGURE
3



SOUNDING SURVEY COMPLETED BY ADVANCED REMEDIAITON TECHNOLOGIES, AUGUST 2015
HORIZONTAL: NAD83, STATE PLANE OREGON NORTH, US SURVEY FEET
SOUNDINGS & ELEV. ARE IN FEET AND REFER TO NAVD 88
MEAN LOW LOW WATER (MLLW) IS 0.13 BELOW NAVD 88 Geoid 09 AT COLUMBIA RIVER MILE 10.9

0 30' 60'

DREGDE PRISM LIMITS VOLUME
ESTIMATE (~501 yd³)

N

REVISION INFORMATION

MILESTONE	DATE	REVIEWING AGENCY
PERMIT		

"PARTNERS IN SERVICE"

Advanced Remediation Technologies, Inc

690 NW 1st AVENUE, SUITE 104
CAMAS, WASHINGTON 98607
503-266-2122

PORT WARREN MARINA
SKIPANON MOORAGE
WARRENTON, OREGON

SITE PLAN, BATHYMETRY & DREGDE PRISM

DATE	08/20/15
DRAWN	LAD
DESIGN	LAD
CHECK	KAD
SCALE	1"=30'

SITE PLAN

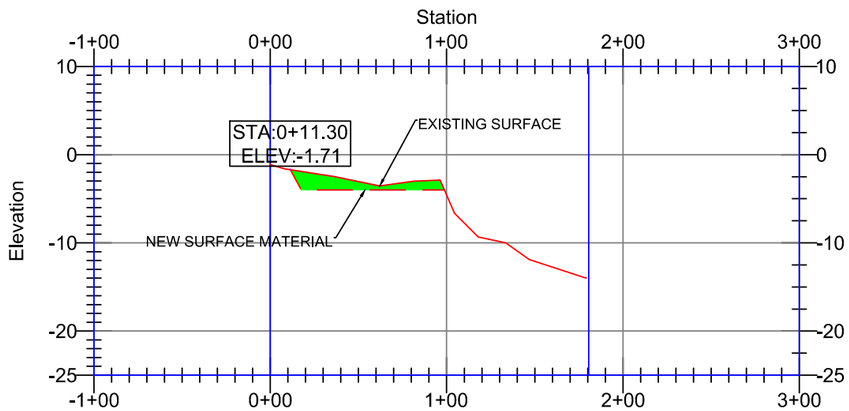
SHEET 1 OF 2

VERTICAL DATUM CONVERSION

	MLLW (FT	NAVD 88 (FT)
MEAN HIGHER HIGH WATER (MHHW):	8.8	8.6
MEAN HIGH WATER (MHW):	8.1	7.9
MEAN LOW WATER (MLW):	1.3	1.1
MEAN LOWER LOW WATER (MLLW)	0.00	-0.2

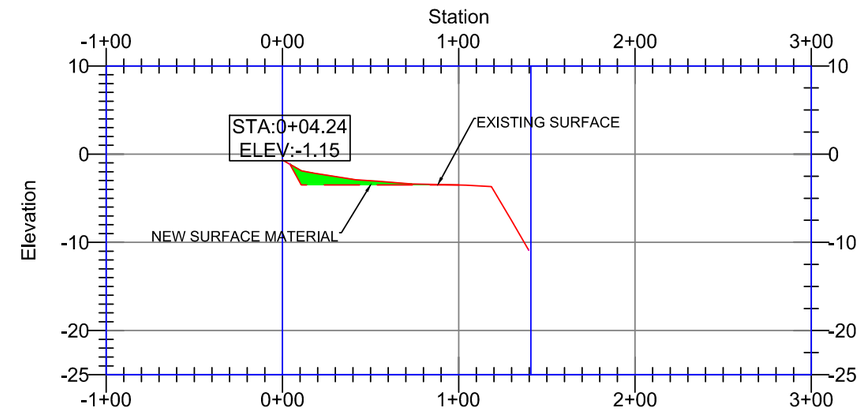
1 PORT WARREN PROFILE

VERT: 1:2, HORIZONTIAL 1:10



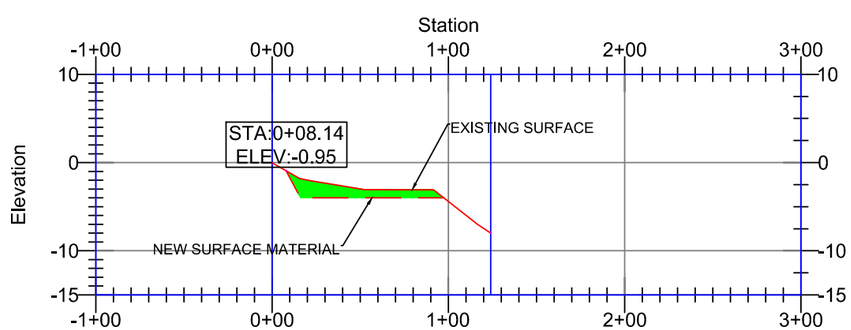
2 PORT WARREN PROFILE

VERT: 1:2, HORIZONTIAL 1:10



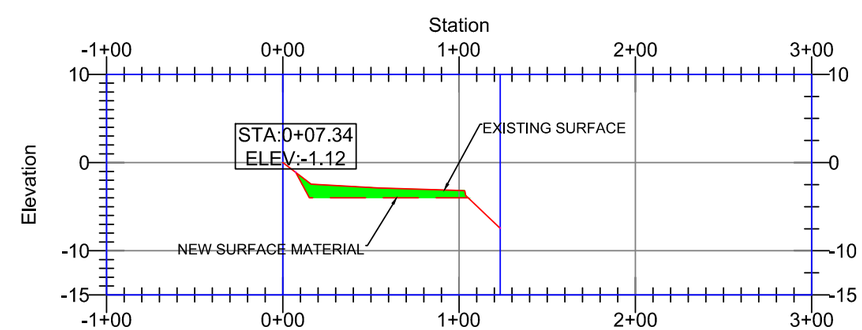
3 PORT WARREN PROFILE

VERT: 1:2, HORIZONTIAL 1:10



4 PORT WARREN PROFILE

VERT: 1:2, HORIZONTIAL 1:10



VERTICAL SCALE 1:2
HORIZONTAL SCALE 1:10

DREGDE PRISM LIMITS VOLUME
ESTIMATE (~501 yd³)

REVISION INFORMATION

MILESTONE	DATE	REVIEWING AGENCY
PERMIT		

"PARTNERS IN SERVICE"

Advanced Remediation Technologies, Inc
698 NW 1st AVENUE, SUITE 104
CANBY, OREGON 97013
503-266-2122

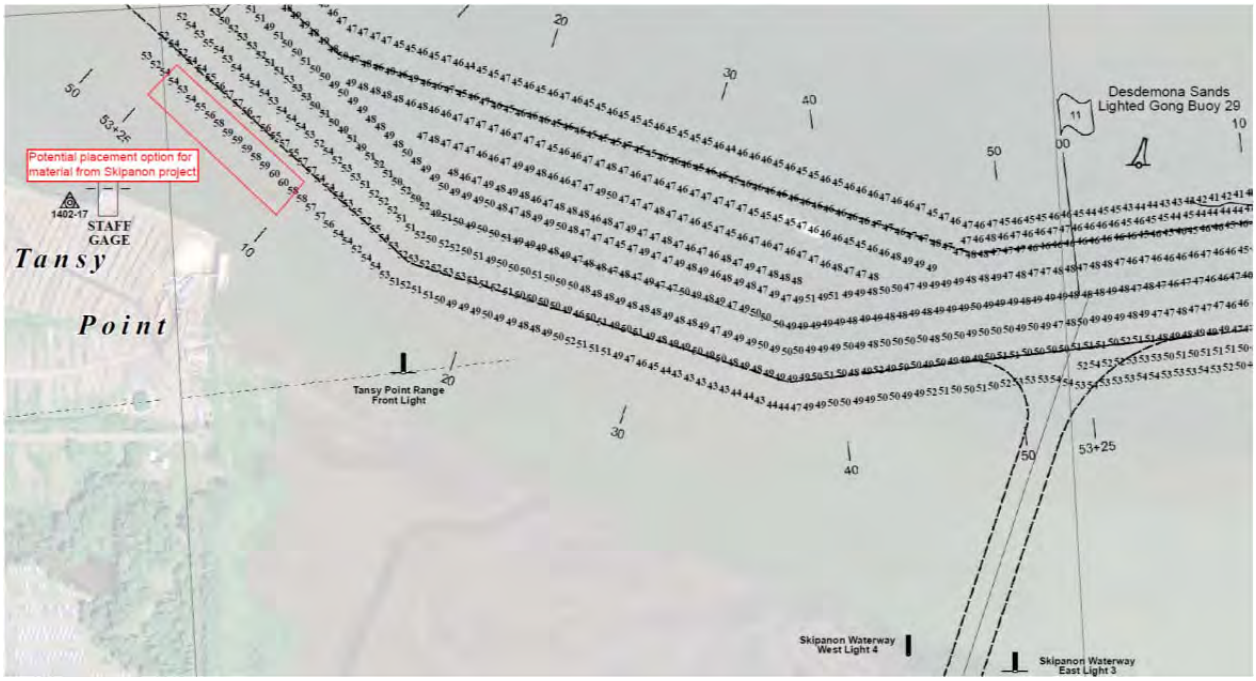
PORT WARREN MARINA
SKIPANON MOORAGE
WARRENTON, OREGON

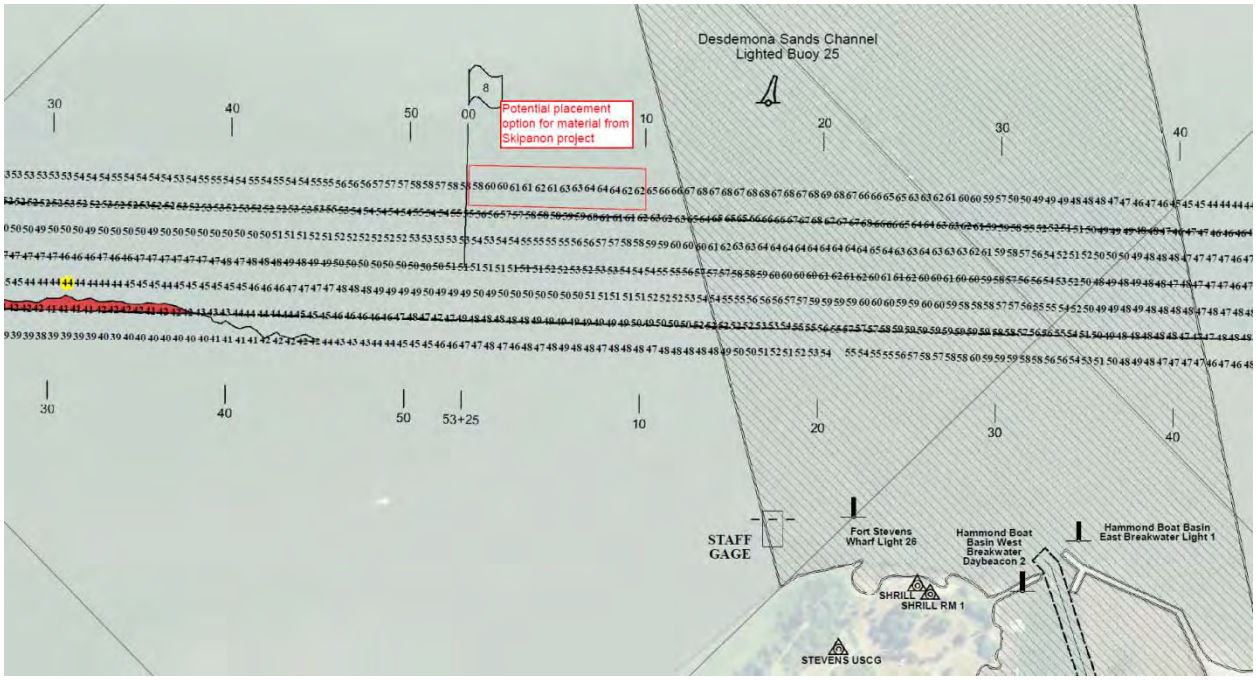
PORT WARREN PROFILE SECTION

DATE	08/20/15
DRAWN	LAD
DESIGN	LAD
CHECK	KAD
SCALE	1"=30'

SITE PLAN

SHEET 2 OF 2


Desdemona Sands
Lighted Gong Buoy 29
Potential placement option for material from Skipanon project
1402-17
STAFF GAGE
Tansy
Point
Tansy Point Range Front Light
Skipanon Waterway West Light 4
Skipanon Waterway East Light 3
53+25


Desdemona Sands Channel
Lighted Buoy 25
Potential placement option for material from Skipanon project
53+25
STAFF GAGE
Fort Stevens Wharf Light 28
Hammond Boat Basin West Breakwater Daybeacon 2
Hammond Boat Basin East Breakwater Light 1
SHRILL
SHRILL RM 1
STEVENS USCG