

**Figure 1-1. Location Map: Corinthian Yacht Club, Tiburon, CA**

**Applicant:** Corinthian Yacht Club  
**Project:** Corinthian Yacht Club Boat Basin Maintenance Dredging  
**Location:** Tiburon, Marin County, California  
**Corps File No.:** 2014-00453N  
**Date:** January 5, 2015

# CORINTHIAN YACHT CLUB MAINTENANCE DREDGING PRE-DREDGE SURVEY

**Applicant:** Corinthian Yacht Club  
**Project:** Corinthian Yacht Club Boat Basin Maintenance  
 Dredging  
**Location:** Tiburon, Marin County, California  
**Corps File No.:** 2014-00453N  
**Date:** January 5, 2015

**Survey Prepared For:**  
 Corinthian Yacht Club  
 43 Main Street  
 Tiburon, CA 94920

**Estimated Dredge Volumes (CY)**

<b>Area 1</b>	
Design Depth Volume to -12 =	7,647
Overdredge of 1 ft =	2,555
Volume : Design + Overdredge =	10,202 CY
<b>Area 2</b>	
Design Depth Volume to -10 =	7,254
Overdredge of 1 ft =	2,699
Volume : Design + Overdredge =	9,953 CY
<b>Area 3</b>	
Design Depth Volume to -8 =	1,440
Overdredge of 1 ft =	508
Volume : Design + Overdredge =	1,948 CY

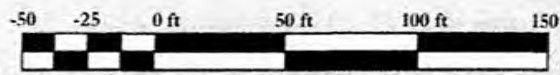
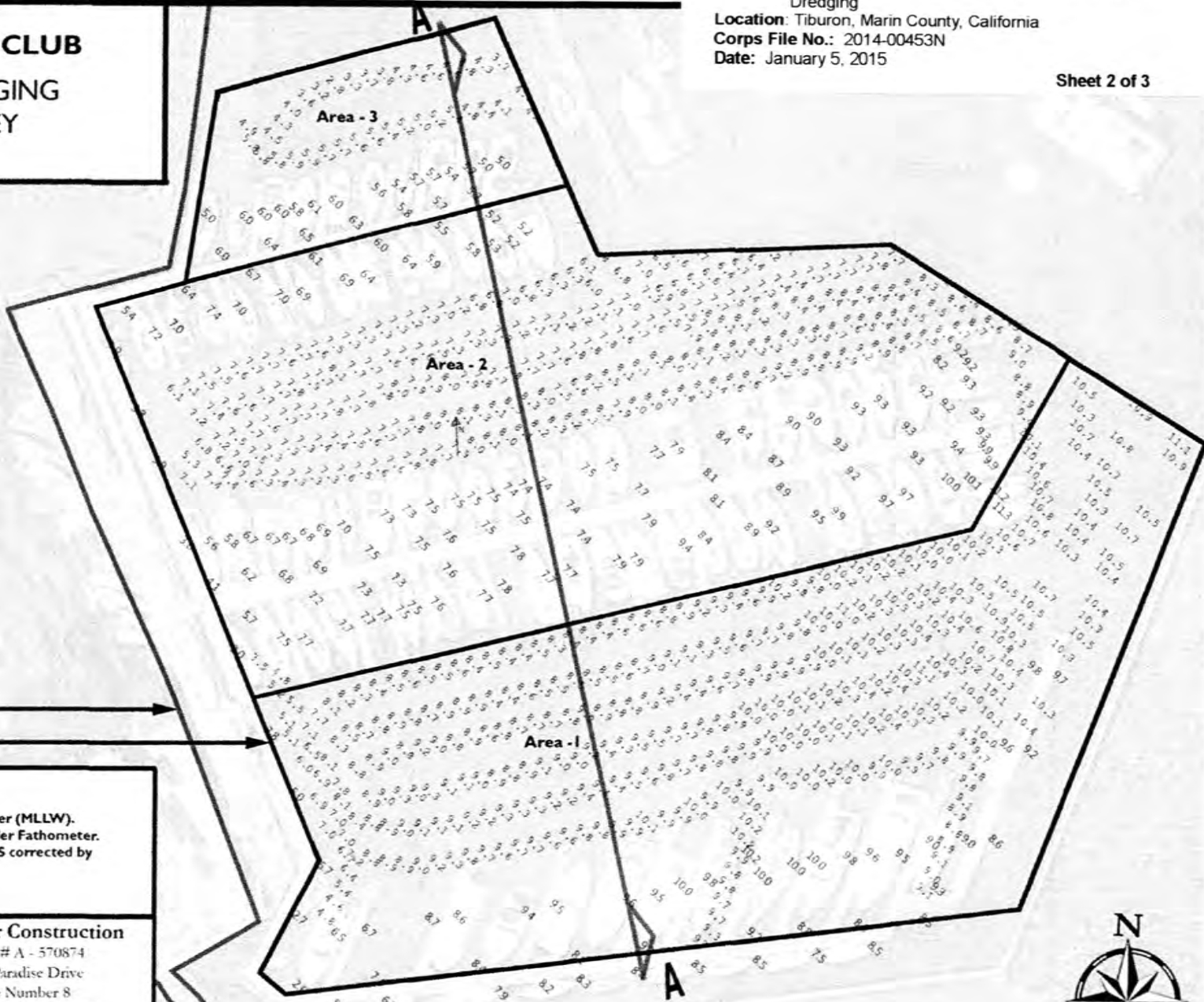
<b>Total Design Volume</b>	<b>16,341</b>
<b>Total Overdredge</b>	<b>5,762</b>
<b>Total Design + Over Vol</b>	<b>22,103</b>

**SHORELINE (MHHW)**  
**DREDGE BOUNDARY**

**HYDROGRAPHIC SURVEY NOTES:**  
 1. Bathymetry surveyed on July 12 2013.  
 2. Soundings are referenced to Feet Mean Lower Low Water (MLLW).  
 3. Soundings were collected using a ROSS 840 Echo Sounder Fathometer.  
 4. Horizontal positioning system is a Novatel Propak DGPS corrected by US Coast Guard differential beacon.  
 5. There is an absence of vegetation, marshes, wetlands, and mud flats within the dredge footprint.

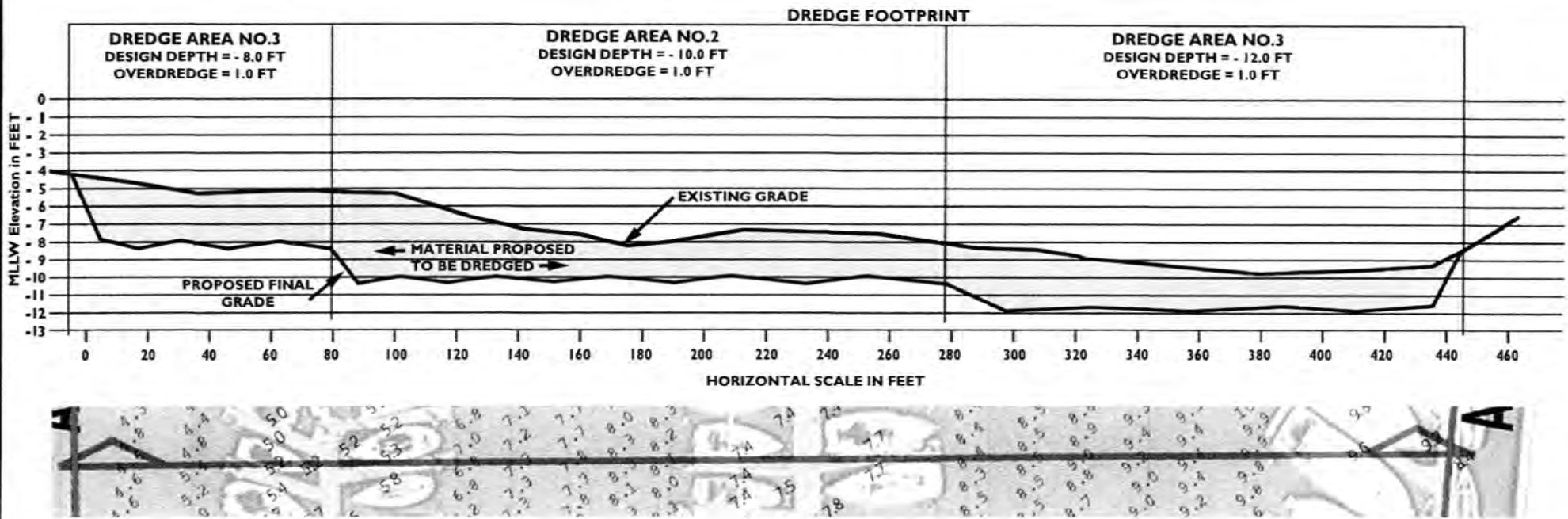
**CORINTHIAN  
 YACHT CLUB**  
 MAINTENANCE DREDGING  
 PRE-DREDGE SURVEY  
 USACE File # 27963N  
 Episode  
 JULY 12, 2013

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 SaltRiverDredge@gmail.com



# CORINTHIAN YACHT CLUB MAINTENANCE DREDGING PRE-DREDGE CROSS SECTIONS

**HYDROGRAPHIC SURVEY NOTES:**  
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## CROSS SECTION A (TYPICAL)

Sheet 3 of 3

**CORINTHIAN YACHT CLUB**  
 MAINTENANCE DREDGING  
 PRE-DREDGE CROSS SECTIONS

JULY 12, 2012

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**Area 1**

Design Depth Volume to -12 = 7,647  
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 Volume : Design + Overdredge = 10,202 **CY**

**Area 2**

Design Depth Volume to -10 = 7,254  
 Overdredge of 1 ft = 2,699  
 Volume : Design + Overdredge = 9,953 **CY**

**Area 3**

Design Depth Volume to -8 = 1,440  
 Overdredge of 1 ft = 508  
 Volume : Design + Overdredge = 1,948 **CY**

**Total Design Volume** 16,341 **CY**  
**Total Overdredge** 5,762 **CY**  
**Total Design + Over Vol** 22,103 **CY**