

N.A.D. 1983 FEET COORDINATES

CHANNEL	NORTH	EAST
01	2162197.63	6010314.45
02	2161610.01	6009479.89
03	2161282.52	6010702.46
04	2158029.15	6013280.89
05	2159051.01	6013071.04
07	2158590.79	6013946.57

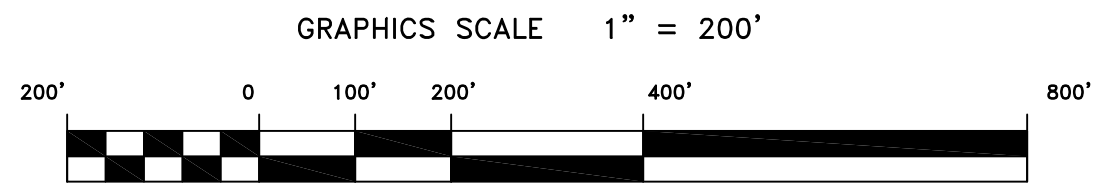
N.A.D. 1983 FEET COORDINATES

CHANNEL	EAST	NORTH
01	2162197.63	6010314.45

CENTER LINE ANGLE POINTS

POINT NO.	STATION	BEARING	NORTH	EAST
C1	0+00.00	S46°42'24.5"E	2161786.30	6009730.25
C2	43+48.29	S53°39'39.4"E	2158804.54	6013451.95
C3	50+39.49	S70°51'04.3"E	2158394.96	6013451.95
C4	53+82.39	S80°16'57.4"E	2158282.48	6013775.88
C5	149+24.87	N81°09'53.0"E	2156671.82	6023181.44
C6	163+42.37	N23°06'30.3"E	2156889.54	6024582.12
C7	167+82.88	N11°28'48.0"W	2157294.71	6024755.01
C8	193+37.72	N04°19'32.9"W	2159798.44	6024246.53
C9	213+55.02	N64°00'59.8"W	2161809.99	6024094.37
C10	217+21.09	N49°51'28.9"W	2161970.37	6023765.30
C11	237+75.69		2163294.94	6022194.66

PRELIMINARY ISSUE
 THIS PLAN ISSUED FOR
 ADVANCE INFORMATION ONLY



Mark	Description	Date	Appr.

DESIGNED BY:	PDT
CHECKED BY:	PDT
DRAWN BY:	PDT
DATE:	9/14/2012
SHEET NO.:	3 OF 4
DRAWING NO.:	9 2
APPROVAL RECOMMENDED:	PREPARED UNDER THE DIRECTION OF
APPROVED:	JOHN K. BAKER
	LT. COLONEL, C.E., DISTRICT ENGINEER

CALIFORNIA
 CONTRA COSTA COUNTY
 RICHMOND HARBOR
 SOUTHAMPTON SHOALS
 CONDITION SURVEY
 09 NOVEMBER 2012

Sheet reference
 number
C3