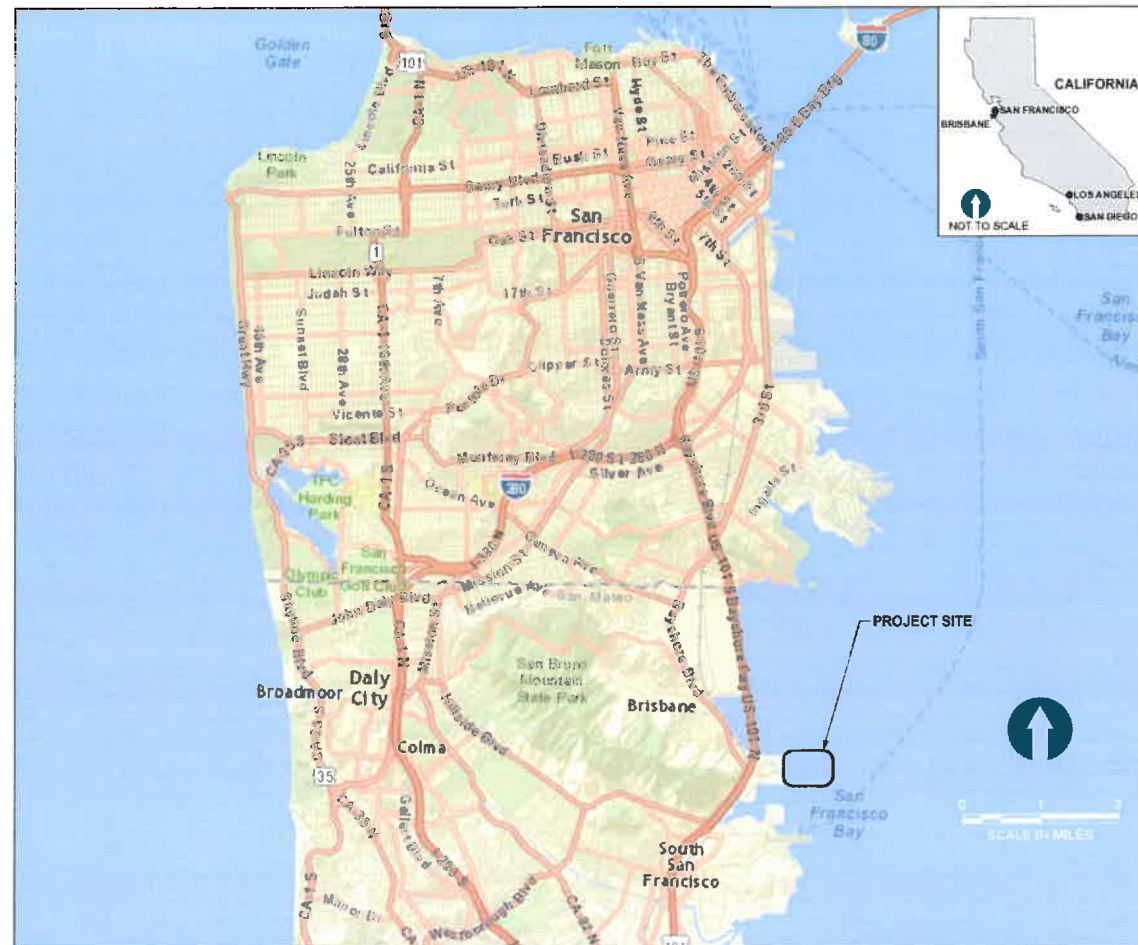


CITY OF BRISBANE

2015 - 2016 MARINA AND ENTRANCE CHANNEL MAINTENANCE DREDGING

VICINITY MAP



NOTE: BASE MAP PREPARED FROM ESRI, 2014.

DRAWING INDEX

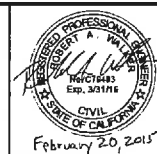
SHEET SEQUENCE	SHEET NO.	SHEET TITLE
1	T-1	COVER SHEET
2	E-1	SITE PLAN, SURVEY CONTROL AND PHASING PLAN
3	C-1	MARINA SITE PLAN
4	C-2	MARINA DREDGE PLAN (1)
5	C-3	MARINA DREDGE PLAN (2)
6	C-4	ENTRANCE CHANNEL DREDGE PLAN
7	C-5	MARINA DREDGE SECTIONS
8	C-6	ENTRANCE CHANNEL SECTIONS
9	C-7	DISPOSAL SITE MAP



PROJECT SITE

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

L:\MISC\2015\150101\Brisbane Marina Maintenance Design\Construction Plans\150101_PL 001 COVER.dwg T-1
Feb 20, 2015 1:58:04 PM
ANCHOR QEA



REVISIONS				
REV	DATE	BY	APPD	DESCRIPTION

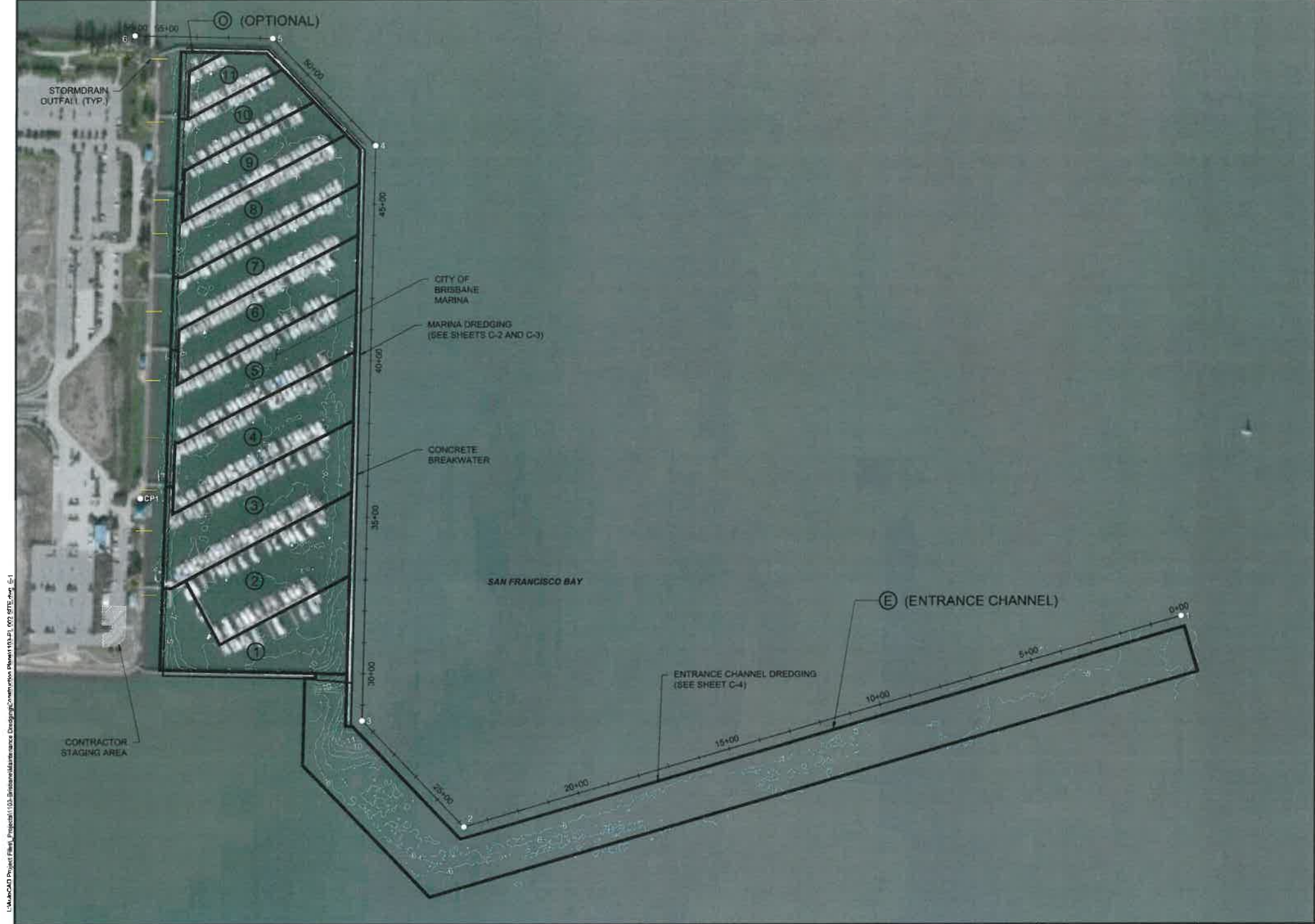
DESIGNED BY: R. WALKER
 DRAWN BY: M. PRATSCHNER
 CHECKED BY: T. WANG
 APPROVED BY: T. WANG
 SCALE: AS NOTED
 DATE: FEBRUARY 2015

2015 - 2016 BRISBANE MARINA AND ENTRANCE CHANNEL MAINTENANCE DREDGING

COVER SHEET

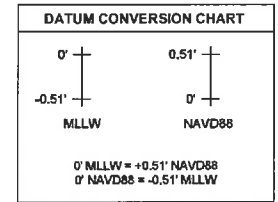
T-1

SHEET No. 1 of 9



CONTROL POINT TABLE			
NAME	NORTHING	EASTING	ELEVATION
BRISBANE CP1*	2073099.70	6017273.65	10.15 (FT MLLW)

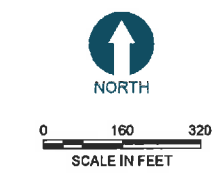
*PK NAIL IN ASPHALT NEXT TO HARBORMASTERS OFFICE



BASELINE COORDINATE TABLE		
NO.	NORTHING	EASTING
1	2072719.06	6020587.12
2	2072047.59	6018305.16
3	2072387.74	6017679.56
4	2074225.34	6018019.86
5	2074566.45	6017693.12
6	2074576.05	6017253.04

- NOTES:
- BATHYMETRIC SURVEY DATA FROM CLE ENGINEERING DATED SEPTEMBER 2014.
 - AERIAL FROM ESRI BASEMAPS (NOVEMBER 2014).
 - HORIZONTAL DATUM: CALIFORNIA STATE PLANE ZONE 3, NAD83, U.S. SURVEY FEET.
 - VERTICAL DATUM: MEAN LOWER LOW WATER AS REFERENCED TO NOAA STATION ID 9414392, OYSTER POINT MARINA, FOR THE 1983-2001 TIDAL EPOCH.
 - LOCATION AND EXTENTS OF EXISTING OVERWATER STRUCTURES AND UPLAND SITE FEATURES AS DEPICTED SHALL BE CONSIDERED APPROXIMATE AND FOR GENERAL REFERENCE ONLY. CONTRACTOR TO FIELD VERIFY LOCATION AND CONDITION. CONTRACTOR SHALL ENSURE NO DAMAGE OCCURS TO ANY EXISTING STRUCTURES

- LEGEND:
- CP1 SURVEY CONTROL POINT
 - 1 BASELINE CONTROL COORDINATE
 - EXISTING STORMDRAIN OUTFALL
 - - - EXISTING CONTOUR
 - # DREDGE PHASE NUMBER



ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

Feb 20, 2015 2:34pm mpratt@anchorqea.com
 U:\Marina\2015 Brisbane Marina Maintenance Design\Construction Plans\110-01_002_SITE.dwg C-1

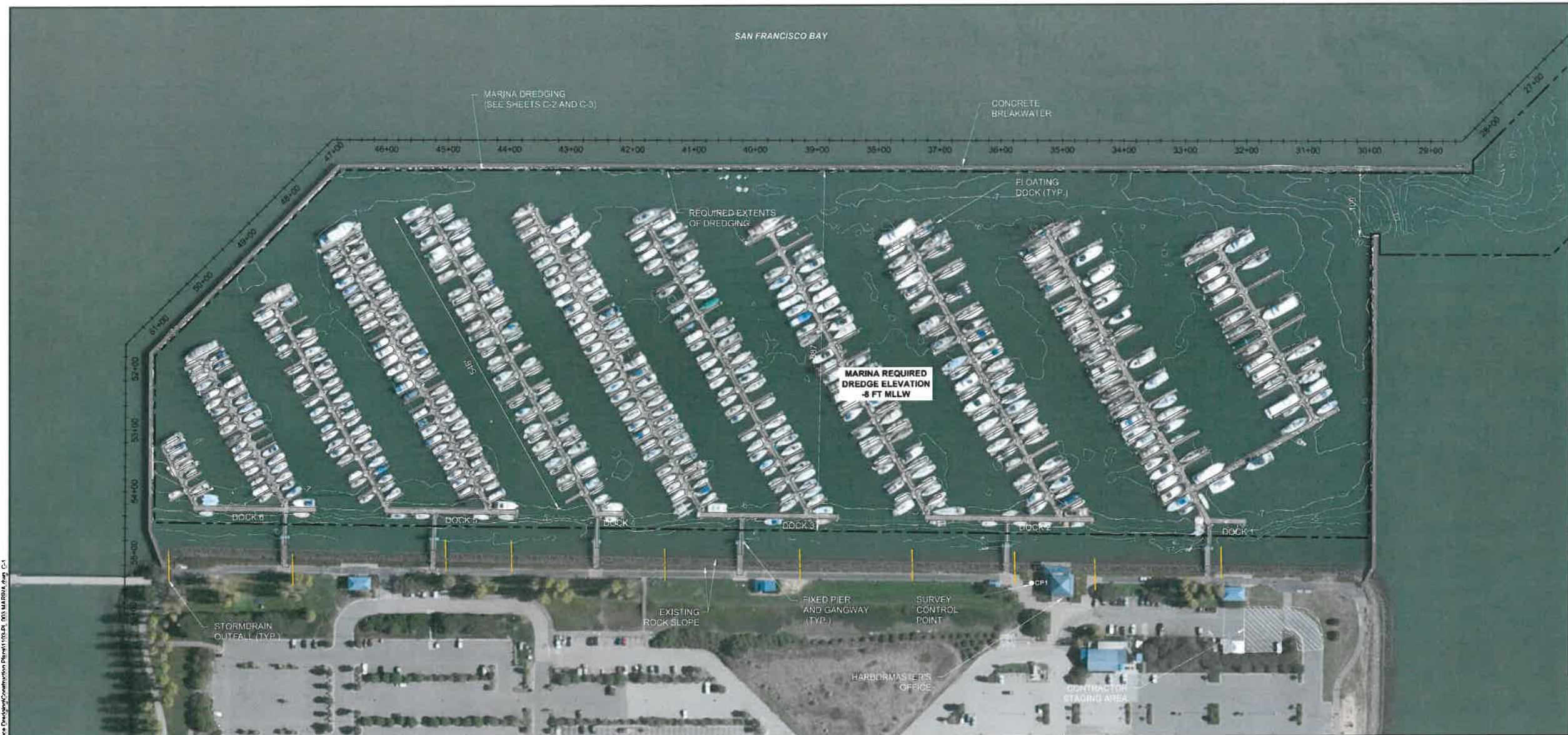


REVISIONS				
REV	DATE	BY	APPD	DESCRIPTION

DESIGNED BY: R. WALKER
 DRAWN BY: M. PRATSCHNER
 CHECKED BY: T. WANG
 APPROVED BY: T. WANG
 SCALE: AS NOTED
 DATE: FEBRUARY 2015

2015 - 2016 BRISBANE MARINA AND ENTRANCE CHANNEL MAINTENANCE DREDGING
SITE PLAN, SURVEY CONTROL AND PHASING PLAN

E-1
 SHEET NO. 2 OF 9

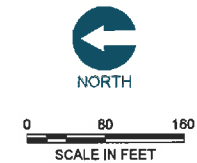


NOTES:

1. BATHYMETRIC SURVEY DATA FROM CLE ENGINEERING DATED SEPTEMBER 2014.
2. AERIAL FROM ESRI BASEMAPS (NOVEMBER 2014).
3. HORIZONTAL DATUM: CALIFORNIA STATE PLANE ZONE 3, NAD83, U.S. SURVEY FEET.
4. VERTICAL DATUM: MEAN LOWER LOW WATER AS REFERENCED TO NOAA STATION ID 9414392, OYSTER POINT MARINA, FOR THE 1983-2001 TIDAL EPOCH.
5. LOCATION AND EXTENTS OF EXISTING OVERWATER STRUCTURES AND UPLAND SITE FEATURES AS DEPICTED SHALL BE CONSIDERED APPROXIMATE AND FOR GENERAL REFERENCE ONLY. CONTRACTOR TO FIELD VERIFY LOCATION AND CONDITION. CONTRACTOR SHALL ENSURE NO DAMAGE OCCURS TO ANY EXISTING STRUCTURES

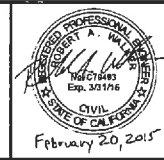
LEGEND:

- CP1 SURVEY CONTROL POINT
- REQUIRED EXTENTS OF DREDGING
- EXISTING STORMDRAIN OUTFALL
- 10- EXISTING CONTOUR
- EXISTING DOCK AND PILE



ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

Feb 20, 2015 3:31am mpratschner L:\SubCAD\Project\Brisbane_Marina_Maintenance_Dredging\Construction\Sheet\110-01_003_MARINA.dwg C-1



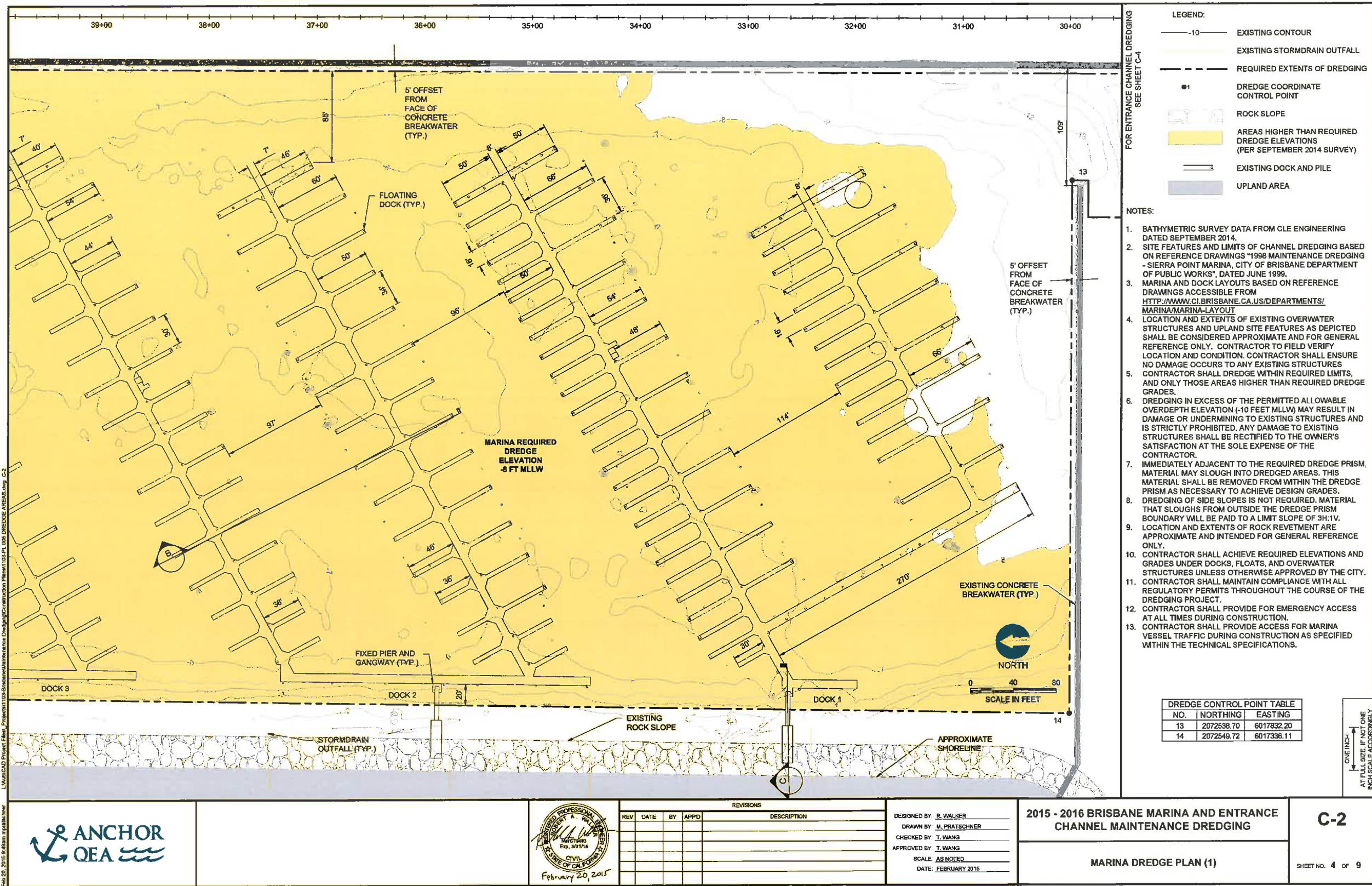
REVISIONS				
REV	DATE	BY	APPD	DESCRIPTION

DESIGNED BY: R. WALKER
 DRAWN BY: M. PRATSCHNER
 CHECKED BY: T. WANG
 APPROVED BY: T. WANG
 SCALE: 1" = 80'
 DATE: FEBRUARY 2015

**2015 - 2016 BRISBANE MARINA AND ENTRANCE
 CHANNEL MAINTENANCE DREDGING**

MARINA SITE PLAN

C-1
 SHEET NO. 3 of 9



- LEGEND:
- 10- EXISTING CONTOUR
 - EXISTING STORMDRAIN OUTFALL
 - REQUIRED EXTENTS OF DREDGING
 - DREDGE COORDINATE CONTROL POINT
 - ROCK SLOPE
 - AREAS HIGHER THAN REQUIRED DREDGE ELEVATIONS (PER SEPTEMBER 2014 SURVEY)
 - EXISTING DOCK AND PILE
 - UPLAND AREA

- NOTES:
1. BATHYMETRIC SURVEY DATA FROM CLE ENGINEERING DATED SEPTEMBER 2014.
 2. SITE FEATURES AND LIMITS OF CHANNEL DREDGING BASED ON REFERENCE DRAWINGS "1998 MAINTENANCE DREDGING - SIERRA POINT MARINA, CITY OF BRISBANE DEPARTMENT OF PUBLIC WORKS", DATED JUNE 1999.
 3. MARINA AND DOCK LAYOUTS BASED ON REFERENCE DRAWINGS ACCESSIBLE FROM [HTTP://WWW.CI.BRISBANE.CA.US/DEPARTMENTS/MARINA/MARINA-LAYOUT](http://www.ci.brisbane.ca.us/departments/marina/marina-layout)
 4. LOCATION AND EXTENTS OF EXISTING OVERWATER STRUCTURES AND UPLAND SITE FEATURES AS DEPICTED SHALL BE CONSIDERED APPROXIMATE AND FOR GENERAL REFERENCE ONLY. CONTRACTOR TO FIELD VERIFY LOCATION AND CONDITION. CONTRACTOR SHALL ENSURE NO DAMAGE OCCURS TO ANY EXISTING STRUCTURES.
 5. CONTRACTOR SHALL DREDGE WITHIN REQUIRED LIMITS, AND ONLY THOSE AREAS HIGHER THAN REQUIRED DREDGE GRADES.
 6. DREDGING IN EXCESS OF THE PERMITTED ALLOWABLE OVERDEPTH ELEVATION (-10 FEET MLLW) MAY RESULT IN DAMAGE OR UNDERMINING TO EXISTING STRUCTURES AND IS STRICTLY PROHIBITED. ANY DAMAGE TO EXISTING STRUCTURES SHALL BE RECTIFIED TO THE OWNER'S SATISFACTION AT THE SOLE EXPENSE OF THE CONTRACTOR.
 7. IMMEDIATELY ADJACENT TO THE REQUIRED DREDGE PRISM, MATERIAL MAY SLOUGH INTO DREDGED AREAS. THIS MATERIAL SHALL BE REMOVED FROM WITHIN THE DREDGE PRISM AS NECESSARY TO ACHIEVE DESIGN GRADES.
 8. DREDGING OF SIDE SLOPES IS NOT REQUIRED. MATERIAL THAT SLOUGHS FROM OUTSIDE THE DREDGE PRISM BOUNDARY WILL BE PAID TO A LIMIT SLOPE OF 3H:1V.
 9. LOCATION AND EXTENTS OF ROCK REVETMENT ARE APPROXIMATE AND INTENDED FOR GENERAL REFERENCE ONLY.
 10. CONTRACTOR SHALL ACHIEVE REQUIRED ELEVATIONS AND GRADES UNDER DOCKS, FLOATS, AND OVERWATER STRUCTURES UNLESS OTHERWISE APPROVED BY THE CITY.
 11. CONTRACTOR SHALL MAINTAIN COMPLIANCE WITH ALL REGULATORY PERMITS THROUGHOUT THE COURSE OF THE DREDGING PROJECT.
 12. CONTRACTOR SHALL PROVIDE FOR EMERGENCY ACCESS AT ALL TIMES DURING CONSTRUCTION.
 13. CONTRACTOR SHALL PROVIDE ACCESS FOR MARINA VESSEL TRAFFIC DURING CONSTRUCTION AS SPECIFIED WITHIN THE TECHNICAL SPECIFICATIONS.

DREDGE CONTROL POINT TABLE

NO.	NORTHING	EASTING
13	2072598.70	6017832.20
14	2072549.72	6017336.11

ONE INCH
AT FULL SIZE. IF NOT ONE
INCH SCALE ACCORDINGLY



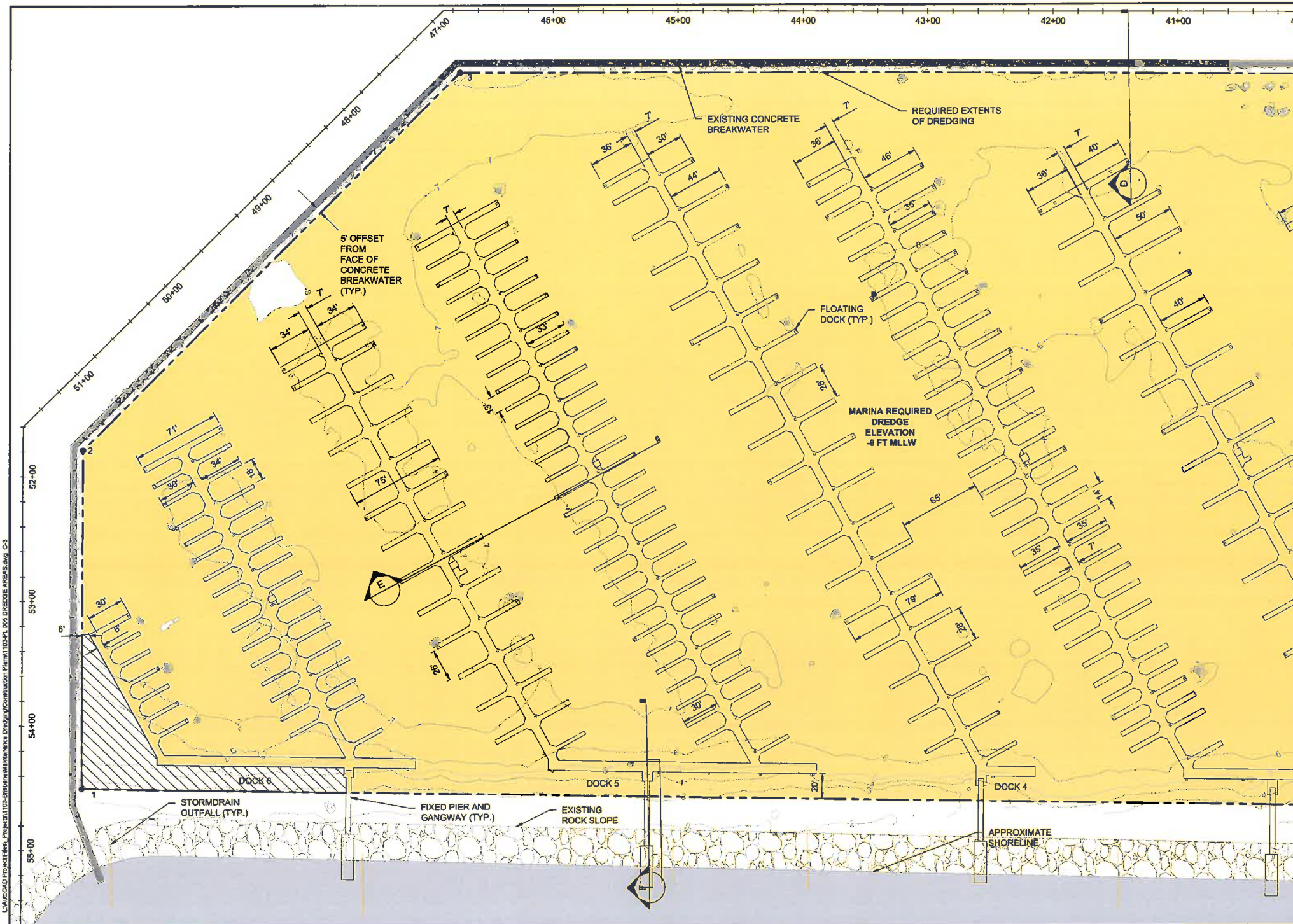
REV	DATE	BY	APPD	DESCRIPTION

DESIGNED BY: R. WALKER
 DRAWN BY: M. PRATSCHNER
 CHECKED BY: T. WANG
 APPROVED BY: T. WANG
 SCALE: AS NOTED
 DATE: FEBRUARY 2015

2015 - 2016 BRISBANE MARINA AND ENTRANCE CHANNEL MAINTENANCE DREDGING
 MARINA DREDGE PLAN (1)

C-2
 SHEET NO. 4 OF 9

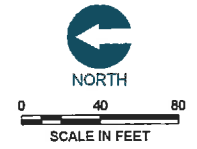
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 L:\AutoCAD Project Files - 2015\2015 Brisbane Marina and Entrance Channel Maintenance Dredging\Construction Plans\10121843_008 DREDGE AREAS.dwg C2



- LEGEND:**
- 10- EXISTING CONTOUR
 - EXISTING STORMDRAIN OUTFALL
 - REQUIRED EXTENTS OF DREDGING
 - 1 DREDGE COORDINATE CONTROL POINT
 - ROCK SLOPE
 - AREAS HIGHER THAN REQUIRED DREDGE ELEVATIONS (PER SEPTEMBER 2014 SURVEY)
 - OPTIONAL DREDGE AREA
 - EXISTING DOCK AND PILE
 - UPLAND AREA

- NOTES:**
1. BATHYMETRIC SURVEY DATA FROM CLE ENGINEERING DATED SEPTEMBER 2014.
 2. SITE FEATURES AND LIMITS OF CHANNEL DREDGING BASED ON REFERENCE DRAWINGS "1998 MAINTENANCE DREDGING - SIERRA POINT MARINA, CITY OF BRISBANE DEPARTMENT OF PUBLIC WORKS", DATED JUNE 1999.
 3. MARINA AND DOCK LAYOUTS BASED ON REFERENCE DRAWINGS ACCESSIBLE FROM [HTTP://WWW.CI.BRISBANE.CA.US/DEPARTMENTS/MARINA/MARINA-LAYOUT](http://www.ci.brisbane.ca.us/departments/marina/marina-layout)
 4. LOCATION AND EXTENTS OF EXISTING OVERWATER STRUCTURES AND UPLAND SITE FEATURES AS DEPICTED SHALL BE CONSIDERED APPROXIMATE AND FOR GENERAL REFERENCE ONLY. CONTRACTOR TO FIELD VERIFY LOCATION AND CONDITION. CONTRACTOR SHALL ENSURE NO DAMAGE OCCURS TO ANY EXISTING STRUCTURES.
 5. CONTRACTOR SHALL DREDGE WITHIN REQUIRED LIMITS, AND ONLY THOSE AREAS HIGHER THAN REQUIRED DREDGE GRADES.
 6. DREDGING IN EXCESS OF THE PERMITTED ALLOWABLE OVERDEPTH ELEVATION (-10 FEET MLLW) MAY RESULT IN DAMAGE OR UNDERMINING TO EXISTING STRUCTURES AND IS STRICTLY PROHIBITED. ANY DAMAGE TO EXISTING STRUCTURES SHALL BE RECTIFIED TO THE OWNER'S SATISFACTION AT THE SOLE EXPENSE OF THE CONTRACTOR.
 7. IMMEDIATELY ADJACENT TO THE REQUIRED DREDGE PRISM, MATERIAL MAY SLOUGH INTO DREDGED AREAS. THIS MATERIAL SHALL BE REMOVED FROM WITHIN THE DREDGE PRISM AS NECESSARY TO ACHIEVE DESIGN GRADES.
 8. DREDGING OF SIDE SLOPES IS NOT REQUIRED. MATERIAL THAT SLOUGHS FROM OUTSIDE THE DREDGE PRISM BOUNDARY WILL BE PAID TO A LIMIT SLOPE OF 3H:1V.
 9. LOCATION AND EXTENTS OF ROCK REVETMENT ARE APPROXIMATE AND INTENDED FOR GENERAL REFERENCE ONLY.
 10. CONTRACTOR SHALL ACHIEVE REQUIRED ELEVATIONS AND GRADES UNDER DOCKS, FLOATS, AND OVERWATER STRUCTURES UNLESS OTHERWISE APPROVED BY THE CITY.
 11. CONTRACTOR SHALL MAINTAIN COMPLIANCE WITH ALL REGULATORY PERMITS THROUGHOUT THE COURSE OF THE DREDGING PROJECT.
 12. CONTRACTOR SHALL PROVIDE FOR EMERGENCY ACCESS AT ALL TIMES DURING CONSTRUCTION.
 13. CONTRACTOR SHALL PROVIDE ACCESS FOR MARINA VESSEL TRAFFIC DURING CONSTRUCTION AS SPECIFIED WITHIN THE TECHNICAL SPECIFICATIONS.

DREDGE CONTROL POINT TABLE		
NO.	NORTHING	EASTING
1	2074525.04	6017401.48
2	2074519.44	6017673.14
3	2074212.96	6017969.53



ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY



PROFESSIONAL ENGINEER

 February 20, 2015

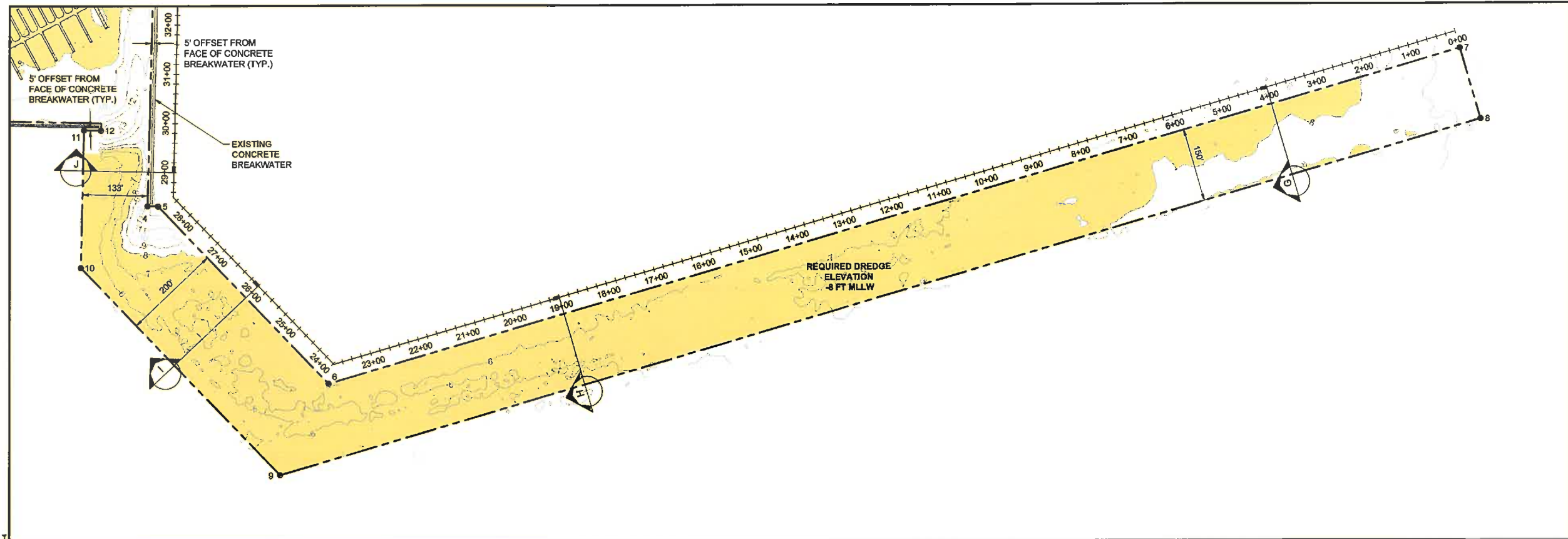
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DESIGNED BY: R. WALKER
 DRAWN BY: M. PRATSCHNER
 CHECKED BY: T. WANG
 APPROVED BY: T. WANG
 SCALE: AS NOTED
 DATE: FEBRUARY 2015

2015 - 2016 BRISBANE MARINA AND ENTRANCE CHANNEL MAINTENANCE DREDGING
MARINA DREDGE PLAN (2)

C-3
 SHEET NO. 5 OF 9

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NOTES:

1. BATHYMETRIC SURVEY DATA FROM CLE ENGINEERING DATED SEPTEMBER 2014.
2. SITE FEATURES AND LIMITS OF CHANNEL DREDGING BASED ON REFERENCE DRAWINGS "1998 MAINTENANCE DREDGING - SIERRA POINT MARINA, CITY OF BRISBANE DEPARTMENT OF PUBLIC WORKS", DATED JUNE 1999.
3. MARINA AND DOCK LAYOUTS BASED ON REFERENCE DRAWINGS ACCESSIBLE FROM [HTTP://WWW.CI.BRISBANE.CA.US/DEPARTMENTS/MARINAMARINA-LAYOUT](http://www.ci.brisbane.ca.us/departments/marinamarina-layout)
4. LOCATION AND EXTENTS OF EXISTING OVERWATER STRUCTURES AND UPLAND SITE FEATURES AS DEPICTED SHALL BE CONSIDERED APPROXIMATE AND FOR GENERAL REFERENCE ONLY. CONTRACTOR TO FIELD VERIFY LOCATION AND CONDITION. CONTRACTOR SHALL ENSURE NO DAMAGE OCCURS TO ANY EXISTING STRUCTURES
5. CONTRACTOR SHALL DREDGE WITHIN REQUIRED LIMITS, AND ONLY THOSE AREAS HIGHER THAN REQUIRED DREDGE GRADES.
6. DREDGING IN EXCESS OF THE PERMITTED ALLOWABLE OVERDEPTH ELEVATION (-10 FEET MLLW) MAY RESULT IN DAMAGE OR UNDERMINING TO EXISTING STRUCTURES AND IS STRICTLY PROHIBITED. ANY DAMAGE TO EXISTING STRUCTURES SHALL BE RECTIFIED TO THE OWNER'S SATISFACTION AT THE SOLE EXPENSE OF THE CONTRACTOR.

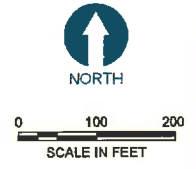
NOTES: (CONTINUED)

7. IMMEDIATELY ADJACENT TO THE REQUIRED DREDGE PRISM, MATERIAL MAY SLOUGH INTO DREDGED AREAS. THIS MATERIAL SHALL BE REMOVED FROM WITHIN THE DREDGE PRISM AS NECESSARY TO ACHIEVE DESIGN GRADES.
8. DREDGING OF SIDE SLOPES IS NOT REQUIRED. MATERIAL THAT SLOUGHS FROM OUTSIDE THE DREDGE PRISM BOUNDARY WILL BE PAID TO A LIMIT OF 3H:1V.
9. LOCATION AND EXTENTS OF ROCK REVETMENT ARE APPROXIMATE AND INTENDED FOR GENERAL REFERENCE ONLY.
10. CONTRACTOR SHALL ACHIEVE REQUIRED ELEVATIONS AND GRADES UNDER DOCKS, FLOATS, AND OVERWATER STRUCTURES, UNLESS OTHERWISE APPROVED BY THE CITY.
11. CONTRACTOR SHALL MAINTAIN COMPLIANCE WITH ALL REGULATORY PERMITS THROUGHOUT THE COURSE OF THE DREDGING PROJECT.
12. CONTRACTOR SHALL PROVIDE FOR EMERGENCY ACCESS AT ALL TIMES DURING CONSTRUCTION.
13. CONTRACTOR SHALL PROVIDE ACCESS FOR MARINA VESSEL TRAFFIC DURING CONSTRUCTION AS SPECIFIED WITHIN THE TECHNICAL SPECIFICATIONS.

DREDGE CONTROL POINT TABLE		
NO.	NORTHING	EASTING
4	2072388.80	6017827.25
5	2072369.31	6017948.75
6	2072008.00	6018294.63
7	2072685.51	6020597.00
8	2072541.61	6020639.35
9	2071822.44	6018196.40
10	2072244.47	6017791.38
11	2072524.47	6017797.50
12	2072523.71	6017831.86

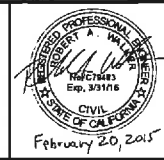
LEGEND:

- 10- EXISTING CONTOUR
- EXISTING STORMDRAIN OUTFALL
- REQUIRED EXTENTS OF DREDGING
- DREDGE COORDINATE CONTROL POINT
- AREAS HIGHER THAN REQUIRED DREDGE ELEVATIONS (PER SEPTEMBER 2014 SURVEY)



ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

File: 20_2015 25.dwg Date: 2/20/2015 10:58:17 AM Project: 1103-SierramarinaMaintenanceDesignConstruction Plan1103-PL 006 DREDGE AREAS.dwg C-4

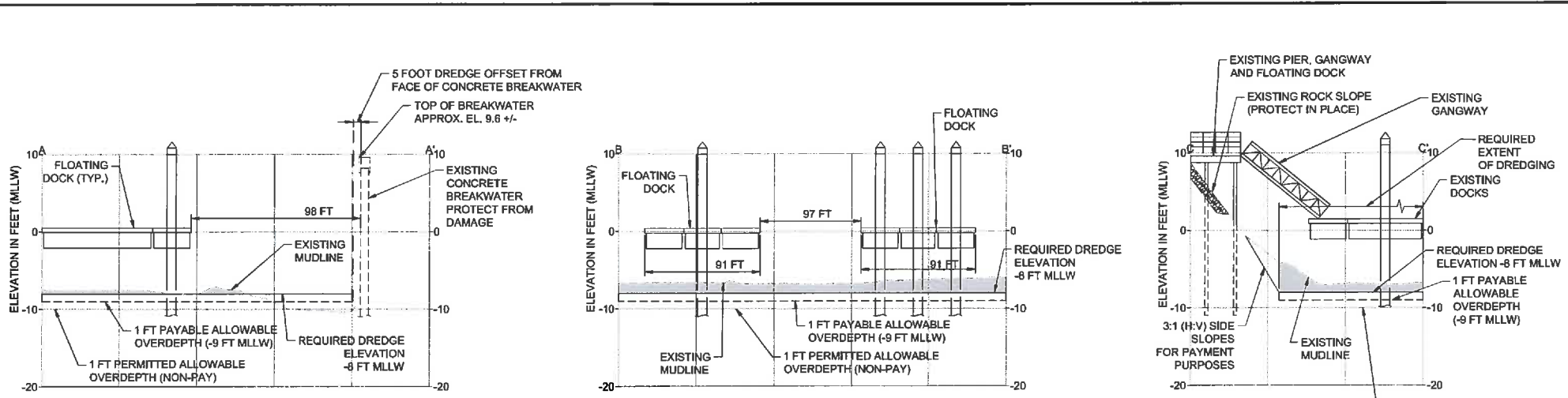


REVISIONS				
REV	DATE	BY	APPD	DESCRIPTION

DESIGNED BY: R. WALKER
 DRAWN BY: M. PRATSCHER
 CHECKED BY: T. WANG
 APPROVED BY: T. WANG
 SCALE: 1" = 100'
 DATE: FEBRUARY 2015

2015 - 2016 BRISBANE MARINA AND ENTRANCE CHANNEL MAINTENANCE DREDGING
ENTRANCE CHANNEL DREDGE PLAN

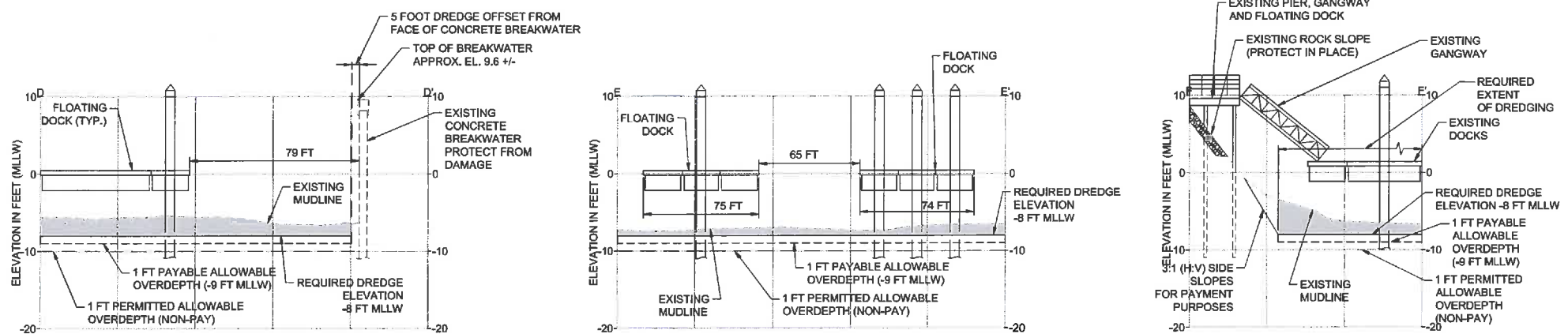
C-4
 SHEET NO. 6 OF 9



A SECTION
C-2 NOT TO SCALE

B SECTION
C-2 NOT TO SCALE

C SECTION
C-2 NOT TO SCALE



D SECTION
C-3 NOT TO SCALE

E SECTION
C-3 NOT TO SCALE

F SECTION
C-3 NOT TO SCALE

- NOTES:
1. IMMEDIATELY ADJACENT TO THE REQUIRED DREDGE PRISM, MATERIAL MAY SLOUGH INTO DREDGED AREAS. THIS MATERIAL SHALL BE REMOVED FROM WITHIN THE DREDGE PRISM AS NECESSARY TO ACHIEVE DESIGN GRADES.
 2. DREDGING OF SIDE SLOPES IS NOT REQUIRED. MATERIAL THAT SLOUGHS FROM OUTSIDE THE DREDGE PRISM BOUNDARY WILL BE PAID TO A LIMIT OF 3H:1V.
 3. LOCATION AND EXTENTS OF ROCK REVETMENT ARE APPROXIMATE AND INTENDED FOR GENERAL REFERENCE ONLY.
 4. DIMENSIONS OF MARINA CHANNEL, FAIRWAYS, AND DOCKS VARY THROUGHOUT MARINA. SEE MARINA DREDGE PLANS (C2, C3) FOR ADDITIONAL INFORMATION.
 5. CONTRACTOR SHALL ACHIEVE REQUIRED ELEVATIONS AND GRADES UNDER DOCKS, FLOATS, AND OVERWATER STRUCTURES UNLESS OTHERWISE APPROVED BY THE CITY.
 6. DREDGING IN EXCESS OF THE PERMITTED ALLOWABLE OVERDEPTH ELEVATION (-10 FEET MLLW) MAY RESULT IN DAMAGE OR UNDERMINING TO EXISTING STRUCTURES AND IS STRICTLY PROHIBITED. ANY DAMAGE TO EXISTING STRUCTURES SHALL BE RECTIFIED TO THE OWNER'S SATISFACTION AT THE SOLE EXPENSE OF THE CONTRACTOR.
 7. CONTRACTOR SHALL MAINTAIN COMPLIANCE WITH ALL REGULATORY PERMITS THROUGHOUT THE COURSE OF THE DREDGING PROJECT.
 8. CONTRACTOR SHALL PROVIDE FOR EMERGENCY ACCESS AT ALL TIMES DURING CONSTRUCTION.
 9. CONTRACTOR SHALL PROVIDE ACCESS FOR MARINA VESSEL TRAFFIC DURING CONSTRUCTION AS SPECIFIED WITHIN THE TECHNICAL SPECIFICATIONS.

- LEGEND:
- EXISTING MUDLINE (SEPT 2014)
 - - - ESTIMATED MUDLINE
 - REQUIRED DREDGE AREA

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY

File: 20_2016_03_07_maintenance.dwg
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REVISIONS				
REV	DATE	BY	APPD	DESCRIPTION

DESIGNED BY: R. WALKER
 DRAWN BY: M. PRATSCHNER
 CHECKED BY: T. WANG
 APPROVED BY: T. WANG
 SCALE: 1" = 40'
 DATE: FEBRUARY 2015

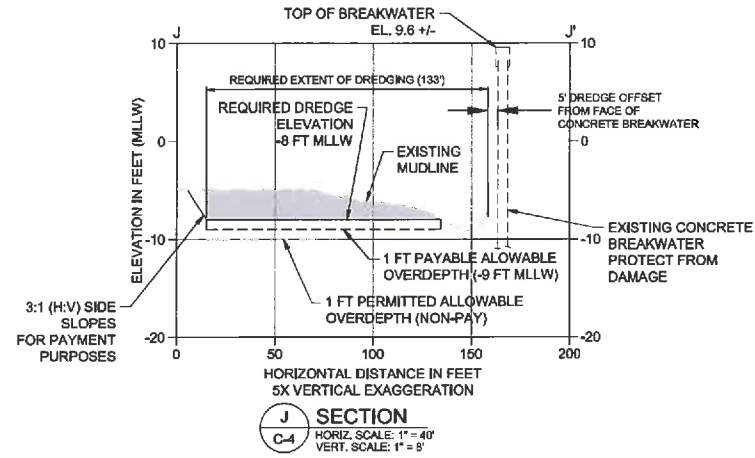
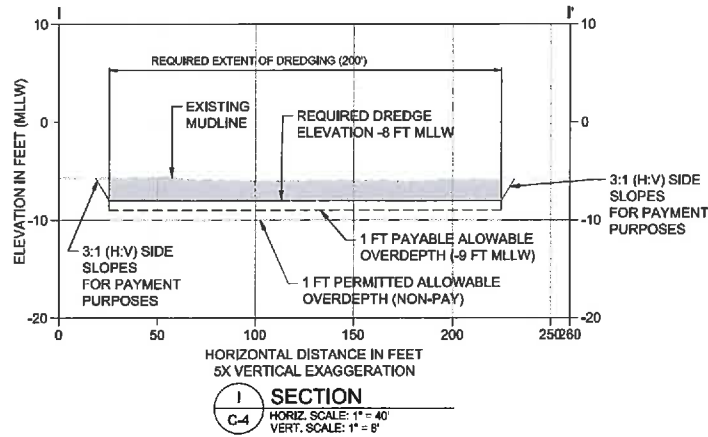
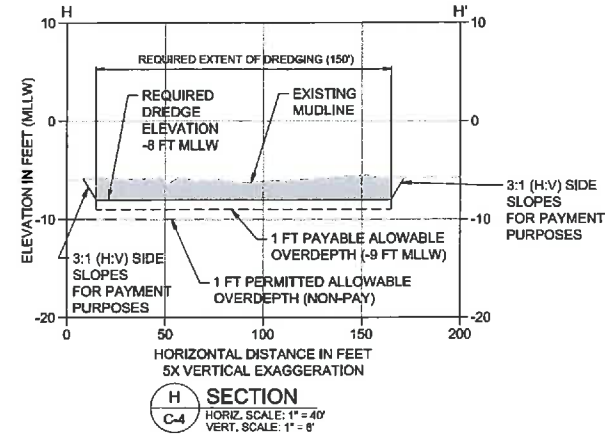
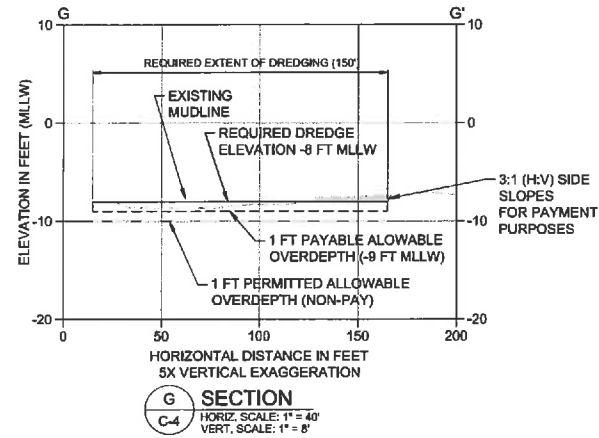
2015 - 2016 BRISBANE MARINA AND ENTRANCE CHANNEL MAINTENANCE DREDGING

MARINA DREDGE SECTIONS

C-5

SHEET NO. 7 OF 9

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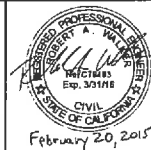
NOTES:

1. IMMEDIATELY ADJACENT TO THE REQUIRED DREDGE PRISM, MATERIAL MAY SLOUGH INTO DREDGED AREAS. THIS MATERIAL SHALL BE REMOVED FROM WITHIN THE DREDGE PRISM AS NECESSARY TO ACHIEVE DESIGN GRADES.
2. DREDGING OF SIDE SLOPES IS NOT REQUIRED. MATERIAL THAT SLOUGHS FROM OUTSIDE THE DREDGE PRISM BOUNDARY WILL BE PAID TO A LIMIT OF 3H:1V.
3. LOCATION AND EXTENTS OF ROCK REVETMENT ARE APPROXIMATE AND INTENDED FOR GENERAL REFERENCE ONLY.
4. TYPICAL SECTION DETAILS (A, B, C) REPRESENTATIVE OF MARINA CONDITIONS ARE PROVIDED FOR GENERAL REFERENCE ONLY AND DO NOT REPRESENT SITE-SPECIFIC LOCATIONS.
5. CONTRACTOR SHALL ACHIEVE REQUIRED ELEVATIONS AND GRADES UNDER DOCKS, FLOATS, AND OVERWATER STRUCTURES, UNLESS OTHERWISE APPROVED BY THE CITY.
6. DREDGING IN EXCESS OF THE PERMITTED ALLOWABLE OVERDEPTH ELEVATION (-10 FEET MLLW) MAY RESULT IN DAMAGE OR UNDERMINING TO EXISTING STRUCTURES AND IS STRICTLY PROHIBITED. ANY DAMAGE TO EXISTING STRUCTURES SHALL BE RECTIFIED TO THE OWNER'S SATISFACTION AT THE SOLE EXPENSE OF THE CONTRACTOR.
7. CONTRACTOR SHALL MAINTAIN COMPLIANCE WITH ALL REGULATORY PERMITS THROUGHOUT THE COURSE OF THE DREDGING PROJECT.
8. CONTRACTOR SHALL PROVIDE FOR EMERGENCY ACCESS AT ALL TIMES DURING CONSTRUCTION.
9. CONTRACTOR SHALL PROVIDE ACCESS FOR MARINA VESSEL TRAFFIC DURING CONSTRUCTION AS SPECIFIED WITHIN THE TECHNICAL SPECIFICATIONS.

LEGEND:

- EXISTING MUDLINE (SEPT 2014)
- ESTIMATED MUDLINE
- REQUIRED DREDE AREA

ONE INCH
AT FULL SIZE. IF NOT ONE
INCH SCALE ACCORDINGLY



REVISIONS				
REV	DATE	BY	APPD	DESCRIPTION

DESIGNED BY: R. WALKER
DRAWN BY: M. PRATSCHNER
CHECKED BY: T. WANG
APPROVED BY: T. WANG
SCALE: AS NOTED
DATE: FEBRUARY 2015

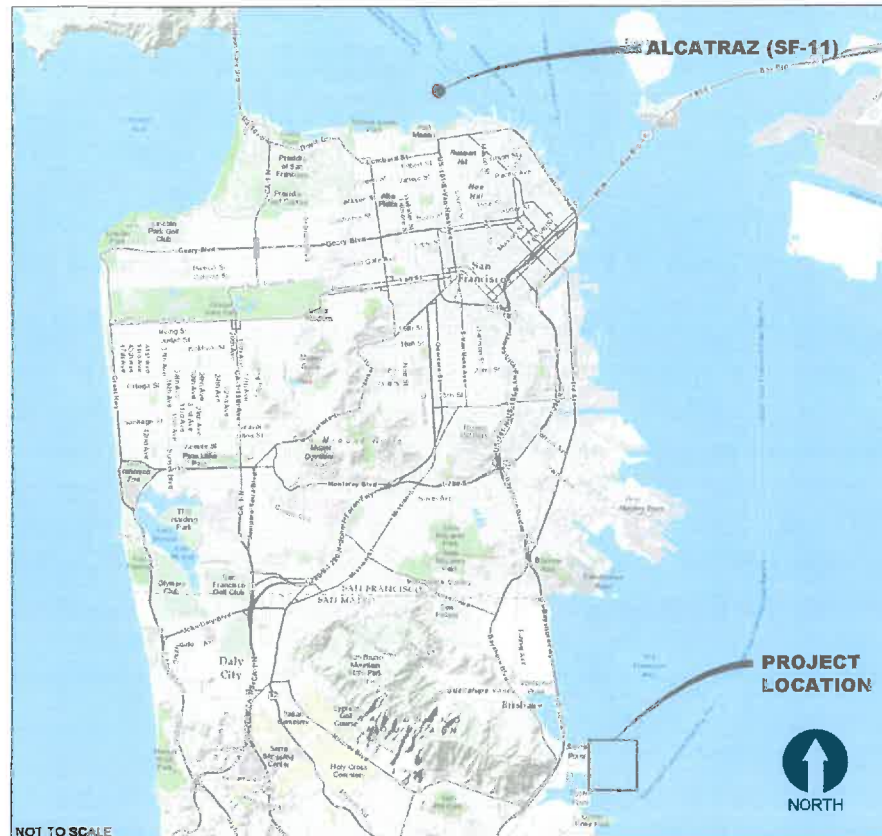
2015 - 2016 BRISBANE MARINA AND ENTRANCE CHANNEL MAINTENANCE DREDGING

ENTRANCE CHANNEL SECTIONS

C-6

SHEET NO. 8 OF 9

LOCATION OF IN-BAY DISPOSAL SITE



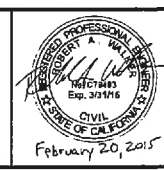
NOT TO SCALE

NOTE:
FOR EXACT LOCATION OF DISPOSAL SITE, REFER TO REGULATORY PERMITS.

DISPOSAL AREA NOTES

1. THIS PROJECT IS ANTICIPATED TO BE AUTHORIZED FOR IN-BAY DISPOSAL OF DREDGED SEDIMENTS AT THE SAN FRANCISCO BAY DISPOSAL SITE NEAR ALCATRAZ (SF-11). FINAL DISPOSAL LOCATION TO BE CONFIRMED BY U.S. ARMY CORPS OF ENGINEERS (USACE).
2. THE SPECIFIC DISPOSAL LOCATION WITHIN SF-11 WILL BE DETERMINED BY THE USACE AND WILL BE IDENTIFIED IN THEIR AUTHORIZATION TO DREDGE (ATD) LETTER.

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REVISIONS				
REV	DATE	BY	APPD	DESCRIPTION

DESIGNED BY: R. WALKER
 DRAWN BY: M. PRATZSCHNER
 CHECKED BY: T. WANG
 APPROVED BY: T. WANG
 SCALE: AS NOTED
 DATE: FEBRUARY 2015

2015 - 2016 BRISBANE MARINA AND ENTRANCE CHANNEL MAINTENANCE DREDGING

DISPOSAL SITE MAP

C-7

SHEET NO. 9 OF 9

ONE INCH AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY