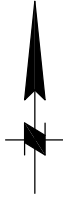


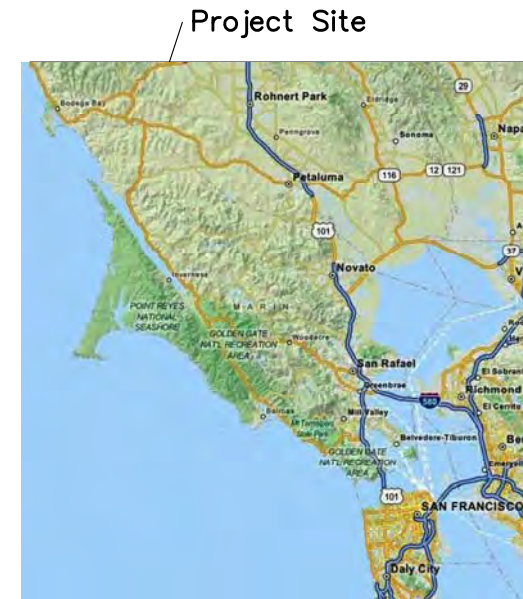
BOAT LAUNCH FACILITIES IMPROVEMENT

DORAN PARK & WESTSIDE PARK

SONOMA COUNTY REGIONAL PARKS, BODEGA BAY, CALIFORNIA



VICINITY MAP
SCALE: 1"=400'



Project Site

INDEX OF DRAWINGS		
SHEET NUMBER	DRAWING NUMBER	TITLE
1	T1	TITLE SHEET
2	G1	WESTSIDE PARK BLF EXISTING SITE – DEMOLITION
3	G2	DORAN PARK BLF EXISTING SITE – DEMOLITION
4	C1	WESTSIDE PARK BLF IMPROVEMENT PLAN
5	C2	DORAN PARK BLF IMPROVEMENT PLAN
6	C10	WESTSIDE PARK BOAT LAUNCH RAMP – PLAN & PROFILE
7	C11	DORAN PARK BOAT LAUNCH RAMP – PLAN & PROFILE
8	C12	WESTSIDE PARK – WASHDOWN DETAIL PLAN
9	C13	DORAN PARK – WASHDOWN DETAIL PLAN
10	C14	LAUNCH RAMP DETAILS
11	C15	FLOAT DETAILS

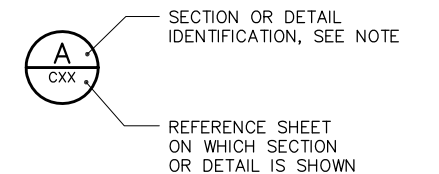
LOCATION MAP

LEGEND	
— 10 —	ELEVATION (NAVD 88 WESTSIDE, NGVD 29 DORAN)
	LIGHT POLE
	PICNIC TABLE
	ACCESSIBLE PARKING STALL
○	PILE
— x —	FENCE
	TREE

ABBREVIATIONS

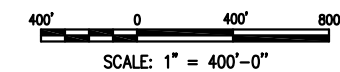
BLF	BOAT LAUNCHING FACILITY
CLR	CLEAR
CONC	CONCRETE
DIA	DIAMETER
(E)	EXISTING
EL	ELEVATION
FT	FEET
(N)	NEW
NAD	NORTH AMERICAN DATUM
NAVD	NORTH AMERICAN VERTICAL DATUM
NTS	NOT TO SCALE
OC	ON CENTER
REQ'D	REQUIRED
SDWK	SIDEWALK
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VIF	VERIFY IN FIELD

CROSS-REFERENCE LEGEND



NOTE: LETTER INDICATES SECTION; NUMBER INDICATES DETAIL. WHERE THERE IS NO REFERENCE SHEET INDICATED, IT MEANS THE DETAIL OR SECTION IS TAKEN AND SHOWN ON THE SAME SHEET.

30% REVIEW 12/14/12



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Walnut Creek, CA 94596

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BOAT LAUNCH FACILITIES
IMPROVEMENT

TITLE SHEET

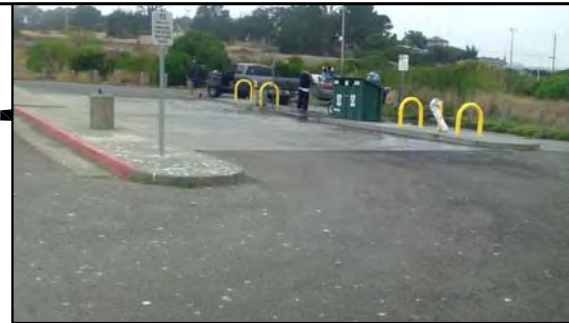
DATE 12-14-12

SHEET 1 OF 11

T1



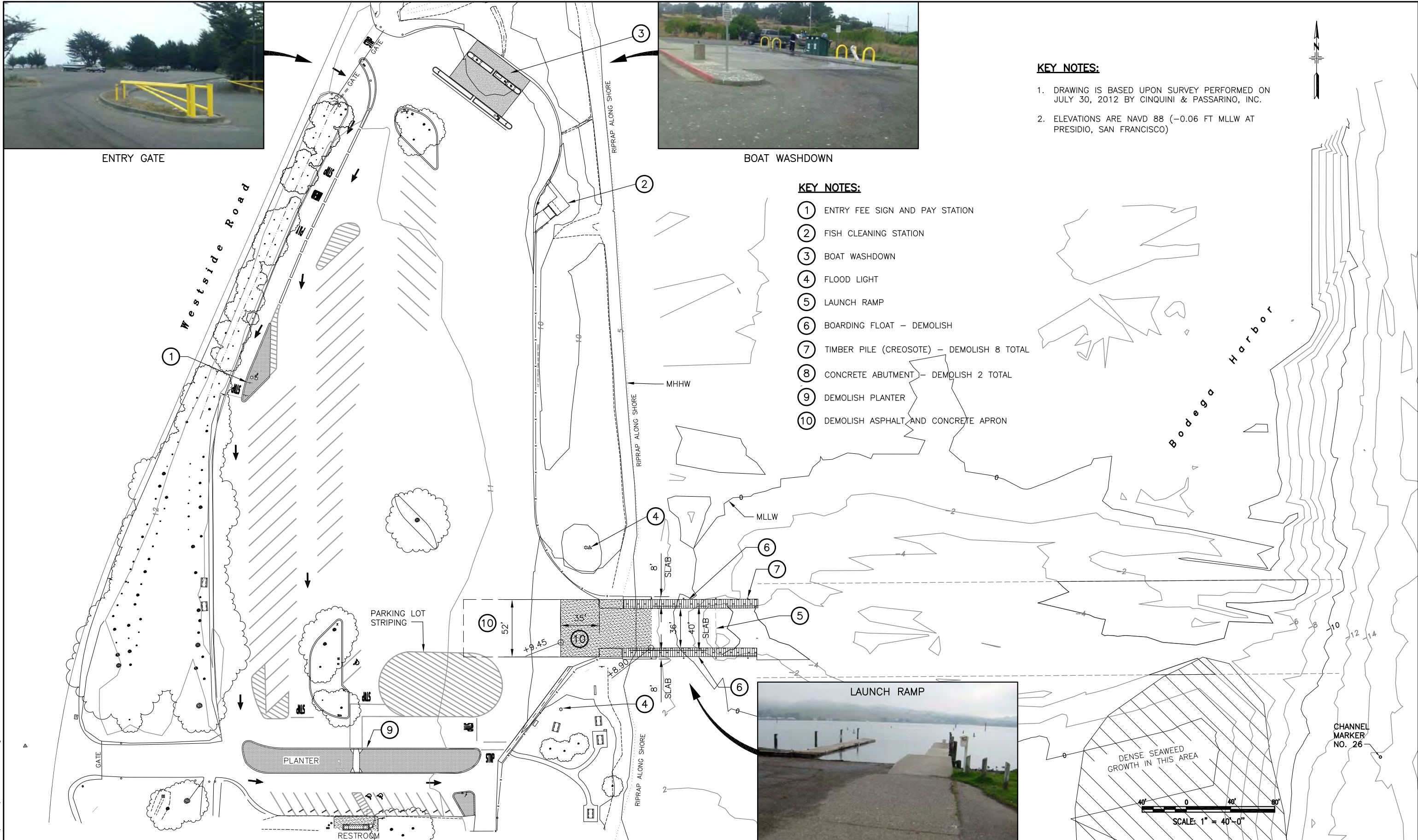
ENTRY GATE



BOAT WASHDOWN

KEY NOTES:

1. DRAWING IS BASED UPON SURVEY PERFORMED ON JULY 30, 2012 BY CINQUINI & PASSARINO, INC.
2. ELEVATIONS ARE NAVD 88 (-0.06 FT MLLW AT PRESIDIO, SAN FRANCISCO)

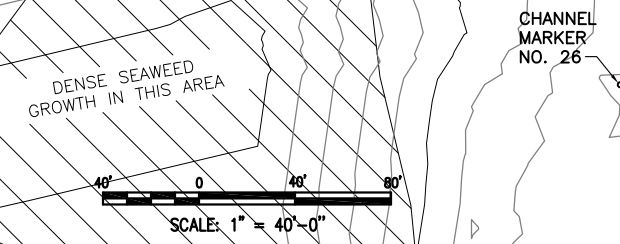


KEY NOTES:

- ① ENTRY FEE SIGN AND PAY STATION
- ② FISH CLEANING STATION
- ③ BOAT WASHDOWN
- ④ FLOOD LIGHT
- ⑤ LAUNCH RAMP
- ⑥ BOARDING FLOAT - DEMOLISH
- ⑦ TIMBER PILE (CREOSOTE) - DEMOLISH 8 TOTAL
- ⑧ CONCRETE ABUTMENT - DEMOLISH 2 TOTAL
- ⑨ DEMOLISH PLANTER
- ⑩ DEMOLISH ASPHALT AND CONCRETE APRON



LAUNCH RAMP



CHANNEL MARKER NO. 26

P:\7852 Bodega BLF\CADD\785200_G1.dwg Dec 18, 2012 - 10:23am



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BOAT LAUNCH FACILITIES IMPROVEMENT

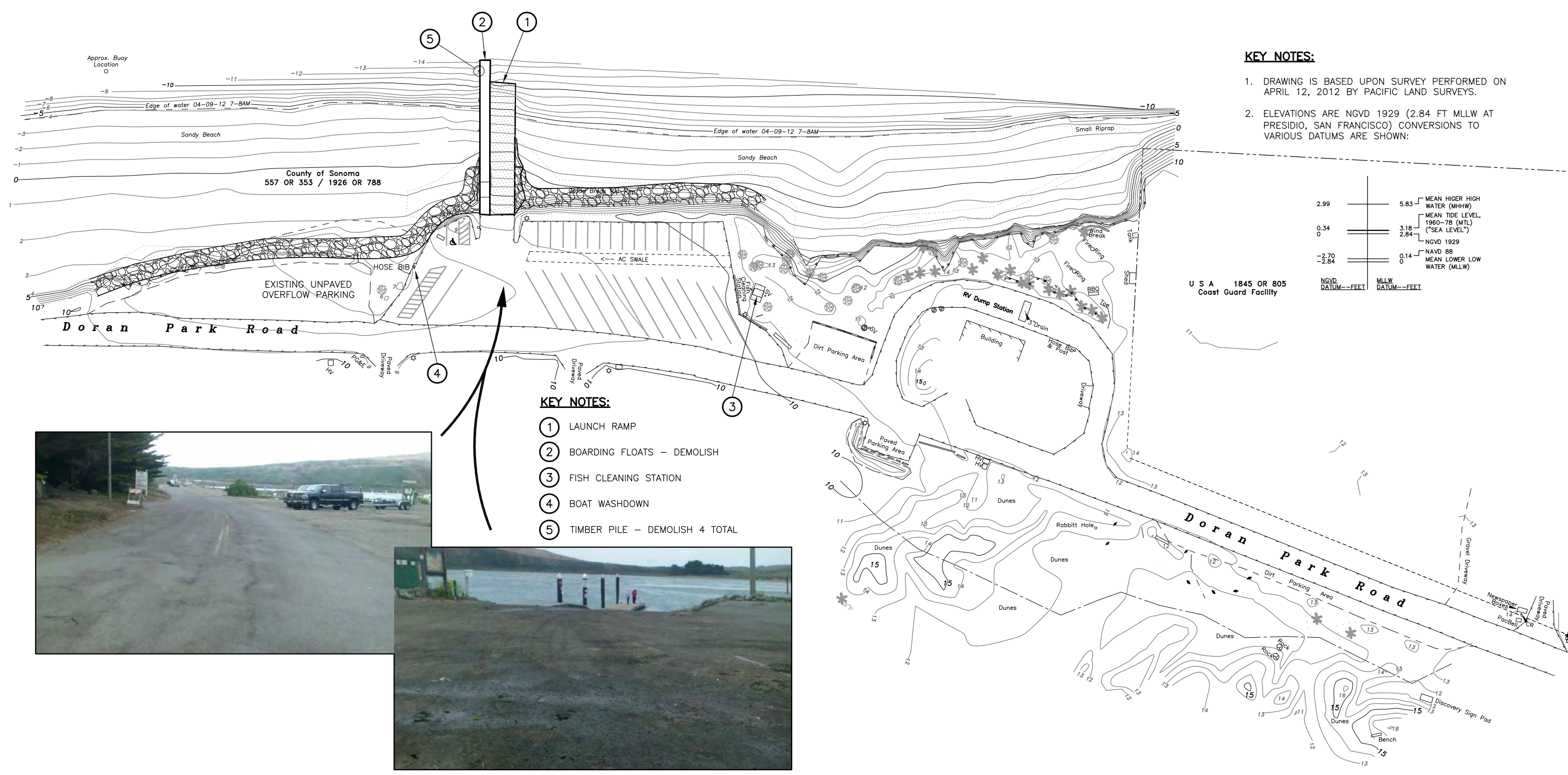
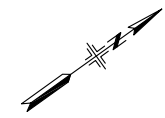
WESTSIDE PARK BLF EXISTING SITE - DEMOLISH

DATE 12-14-12

SHEET 2 OF 11

G1

Bodega Harbor



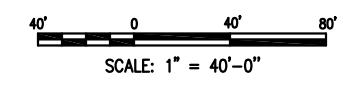
- KEY NOTES:**
1. DRAWING IS BASED UPON SURVEY PERFORMED ON APRIL 12, 2012 BY PACIFIC LAND SURVEYS.
 2. ELEVATIONS ARE NGVD 1929 (2.84 FT MLLW AT PRESIDIO, SAN FRANCISCO) CONVERSIONS TO VARIOUS DATUMS ARE SHOWN:

2.99	5.83	MEAN HIGHER HIGH WATER (MHHW)
0	3.18	MEAN TIDE LEVEL 1960-78 (MTL) ("SEA LEVEL")
0.34	2.84	NGVD 1929
-2.70	0.14	NAVD 88 MEAN LOWER LOW WATER (MLLW)
-2.84		
NGVD DATUM--FEET	MLLW DATUM--FEET	

U S A 1845 OR 805 Coast Guard Facility

KEY NOTES:

- 1 LAUNCH RAMP
- 2 BOARDING FLOATS - DEMOLISH
- 3 FISH CLEANING STATION
- 4 BOAT WASHDOWN
- 5 TIMBER PILE - DEMOLISH 4 TOTAL



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BOAT LAUNCH FACILITIES IMPROVEMENT

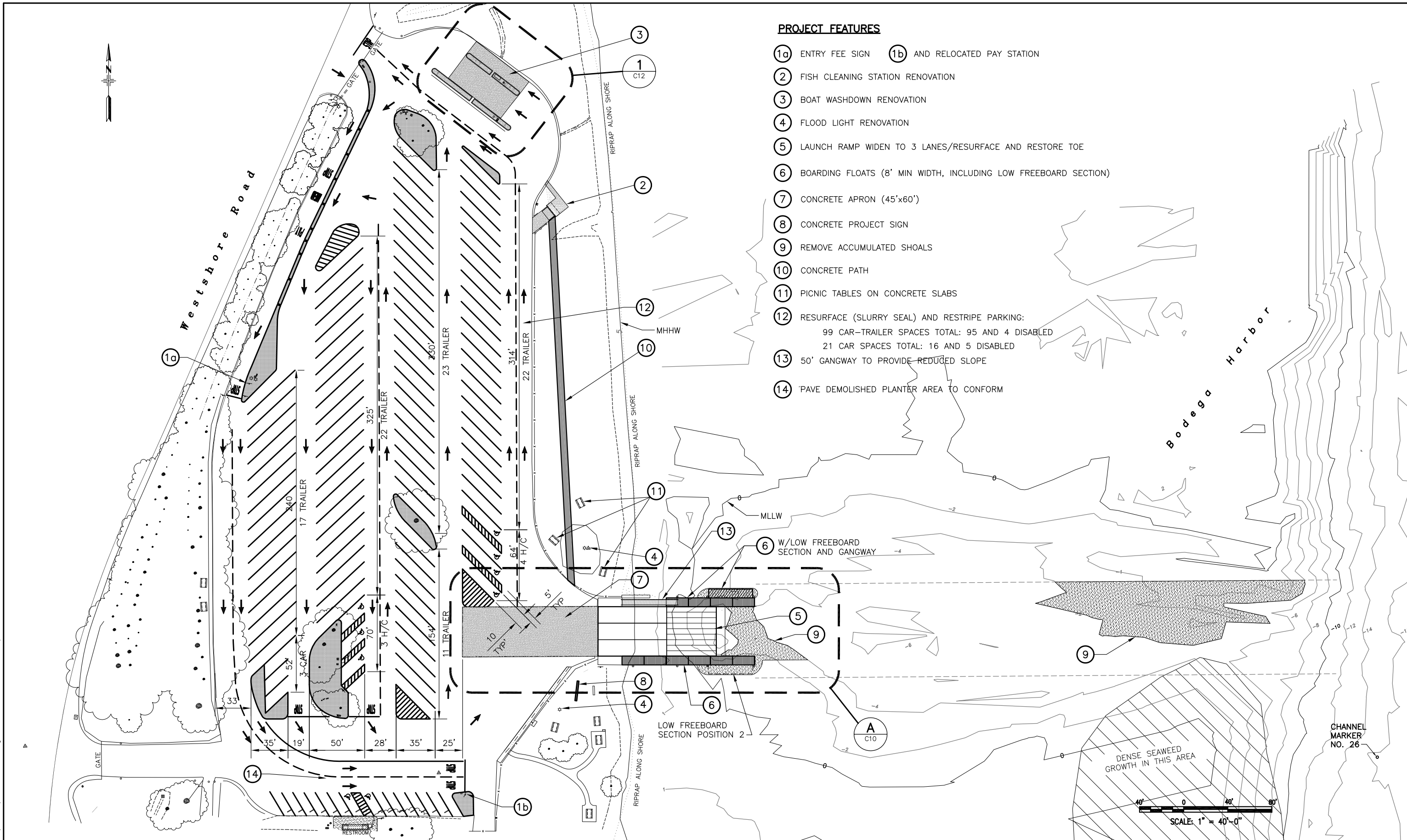
DORAN PARK BLF EXISTING SITE - DEMOLITION

DATE 10-19-12

SHEET 3 OF 11

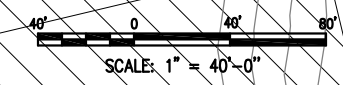
G2

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PROJECT FEATURES

- 1a ENTRY FEE SIGN 1b AND RELOCATED PAY STATION
- 2 FISH CLEANING STATION RENOVATION
- 3 BOAT WASHDOWN RENOVATION
- 4 FLOOD LIGHT RENOVATION
- 5 LAUNCH RAMP WIDEN TO 3 LANES/RESURFACE AND RESTORE TOE
- 6 BOARDING FLOATS (8' MIN WIDTH, INCLUDING LOW FREEBOARD SECTION)
- 7 CONCRETE APRON (45'x60')
- 8 CONCRETE PROJECT SIGN
- 9 REMOVE ACCUMULATED SHOALS
- 10 CONCRETE PATH
- 11 PICNIC TABLES ON CONCRETE SLABS
- 12 RESURFACE (SLURRY SEAL) AND RESTRIPE PARKING:
99 CAR-TRAILER SPACES TOTAL: 95 AND 4 DISABLED
21 CAR SPACES TOTAL: 16 AND 5 DISABLED
- 13 50' GANGWAY TO PROVIDE REDUCED SLOPE
- 14 PAVE DEMOLISHED PLANTER AREA TO CONFORM



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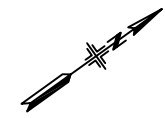
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Walnut Creek, CA 94596

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7852					

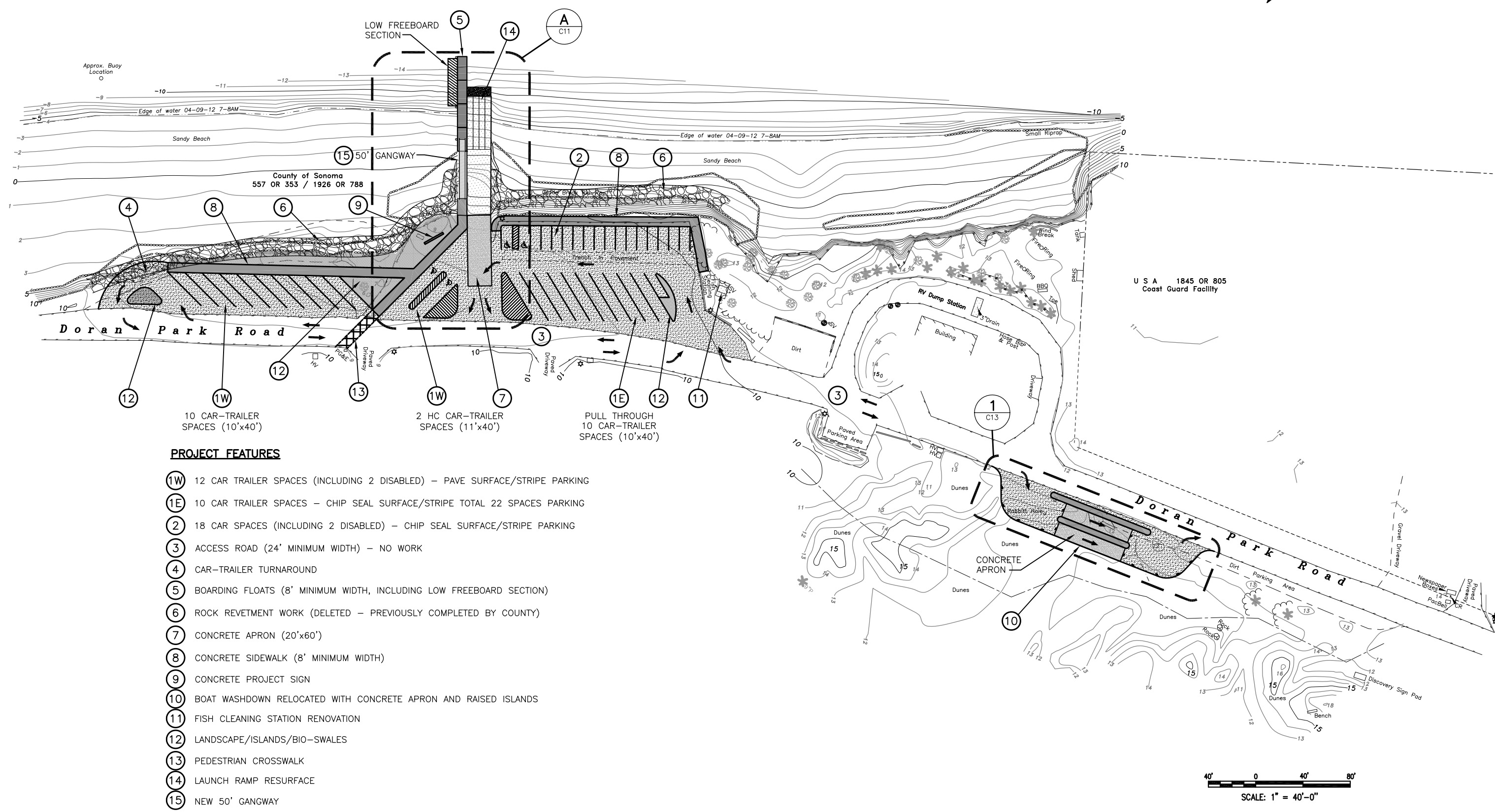
BOAT LAUNCH FACILITIES IMPROVEMENT

WESTSIDE PARK BLF IMPROVEMENT PLAN

DATE 10-19-12
SHEET 4 OF 11
C1

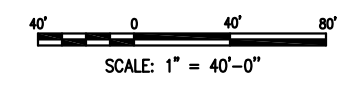


Bodega Harbor



PROJECT FEATURES

- (1W) 12 CAR TRAILER SPACES (INCLUDING 2 DISABLED) – PAVE SURFACE/STRIPE PARKING
- (1E) 10 CAR TRAILER SPACES – CHIP SEAL SURFACE/STRIPE TOTAL 22 SPACES PARKING
- (2) 18 CAR SPACES (INCLUDING 2 DISABLED) – CHIP SEAL SURFACE/STRIPE PARKING
- (3) ACCESS ROAD (24' MINIMUM WIDTH) – NO WORK
- (4) CAR-TRAILER TURNAROUND
- (5) BOARDING FLOATS (8' MINIMUM WIDTH, INCLUDING LOW FREEBOARD SECTION)
- (6) ROCK REVETMENT WORK (DELETED – PREVIOUSLY COMPLETED BY COUNTY)
- (7) CONCRETE APRON (20'x60')
- (8) CONCRETE SIDEWALK (8' MINIMUM WIDTH)
- (9) CONCRETE PROJECT SIGN
- (10) BOAT WASHDOWN RELOCATED WITH CONCRETE APRON AND RAISED ISLANDS
- (11) FISH CLEANING STATION RENOVATION
- (12) LANDSCAPE/ISLANDS/BIO-SWALES
- (13) PEDESTRIAN CROSSWALK
- (14) LAUNCH RAMP RESURFACE
- (15) NEW 50' GANGWAY



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**BOAT LAUNCH FACILITIES
 IMPROVEMENT**

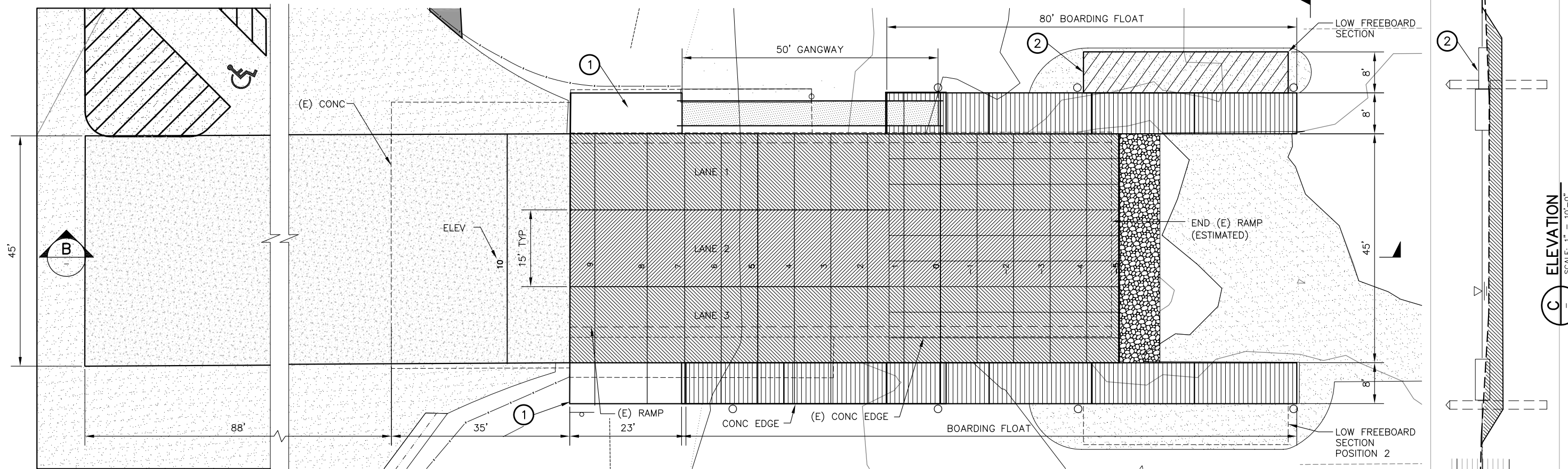
**DORAN PARK BLF
 IMPROVEMENT PLAN**

DATE 10-19-12

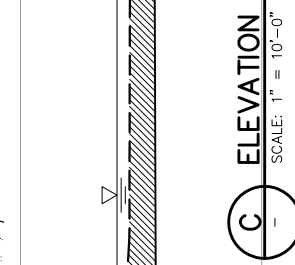
SHEET 5 OF 11

C2

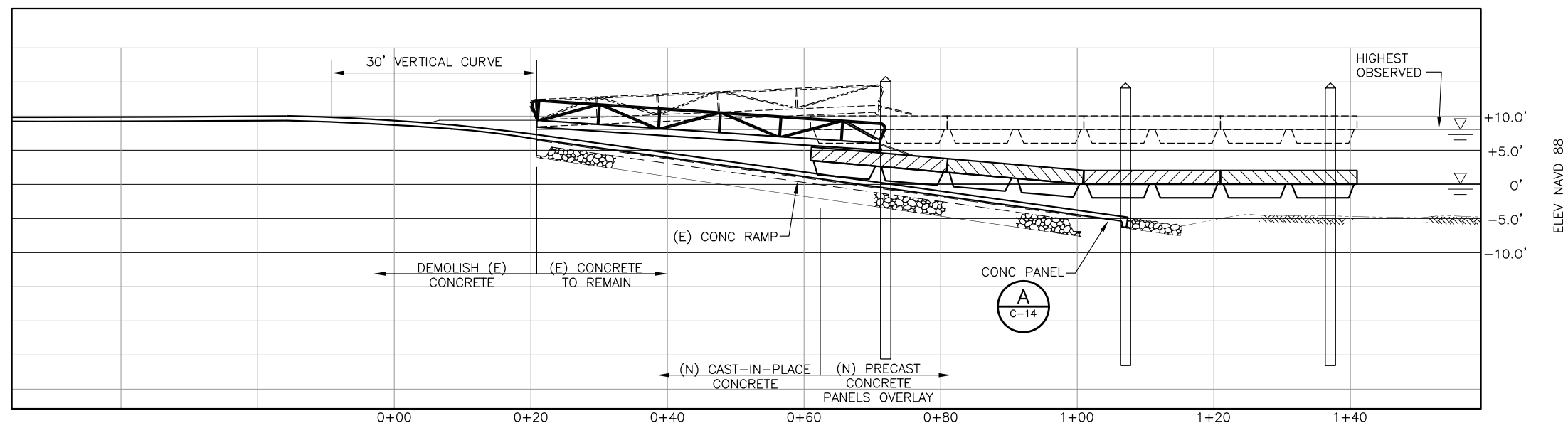
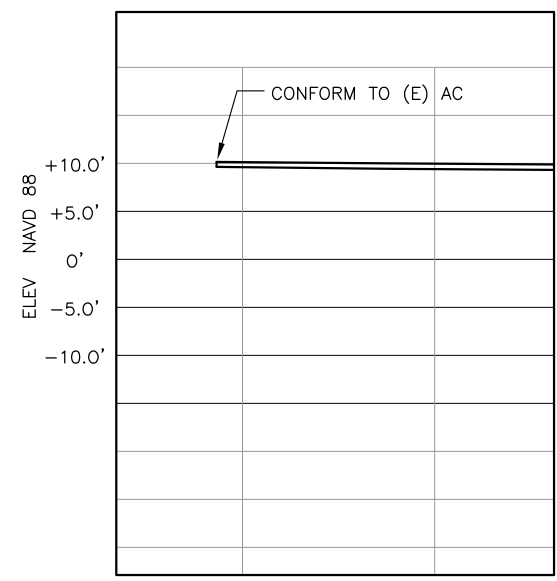
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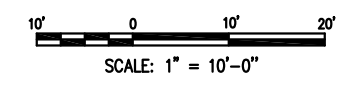
A LAUNCH RAMP PLAN
C1 SCALE: 1" = 10'-0"



C ELEVATION
SCALE: 1" = 10'-0"



B PROFILE
SCALE: 1" = 10'-0"



NOTES:

- ① CONSTRUCT CONCRETE ABUTMENT
- ② LOW FREEBOARD DOCK DECK 8" BELOW BOARDING FLOAT.



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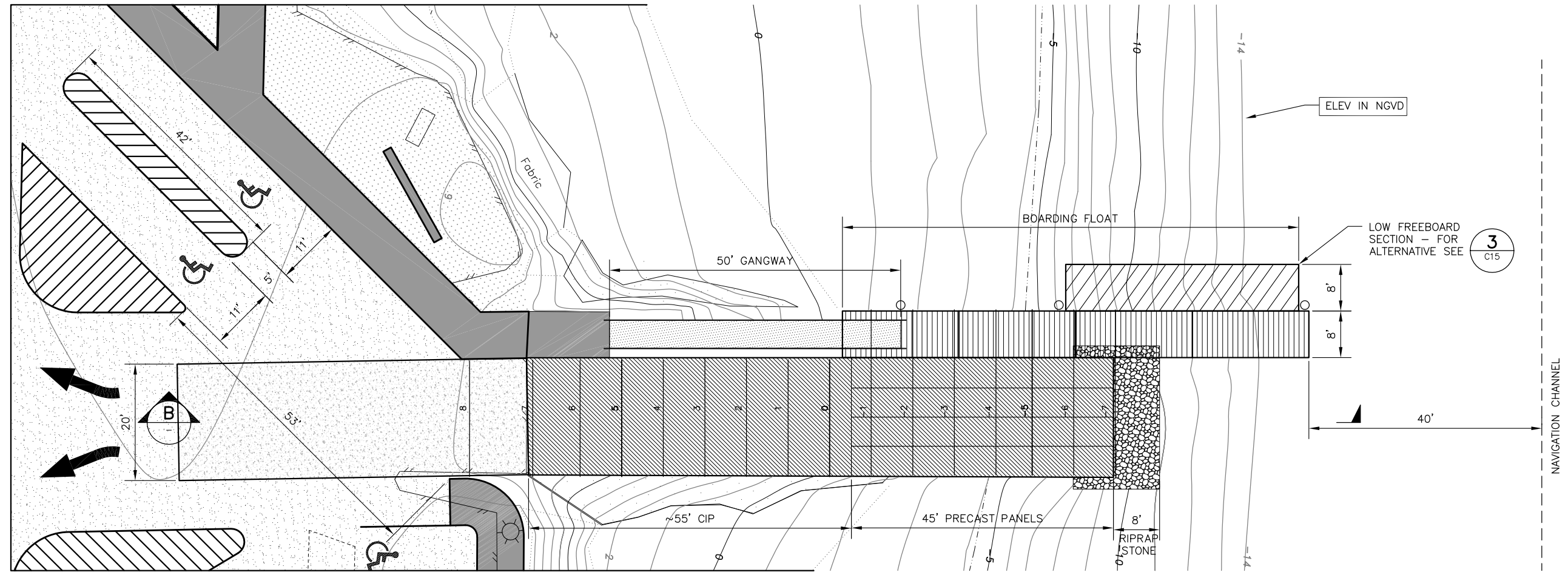
moffatt & nichol
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JOB NO.	SUBMITTED BY		TITLE		
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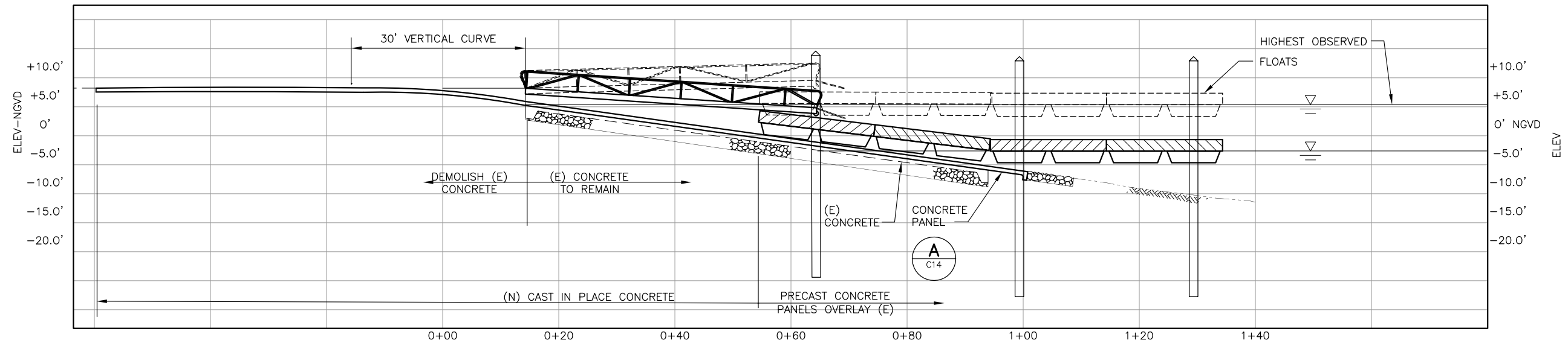
BOAT LAUNCH FACILITIES IMPROVEMENT

WESTSIDE PARK BOAT LAUNCH RAMP PLAN & PROFILE

DATE 12-14-12
SHEET 6 OF 11
C10



A LAUNCH RAMP PLAN
 C2 SCALE: 1" = 10'-0"



B PROFILE
 SCALE: 1" = 10'-0"

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BOAT LAUNCH FACILITIES IMPROVEMENT

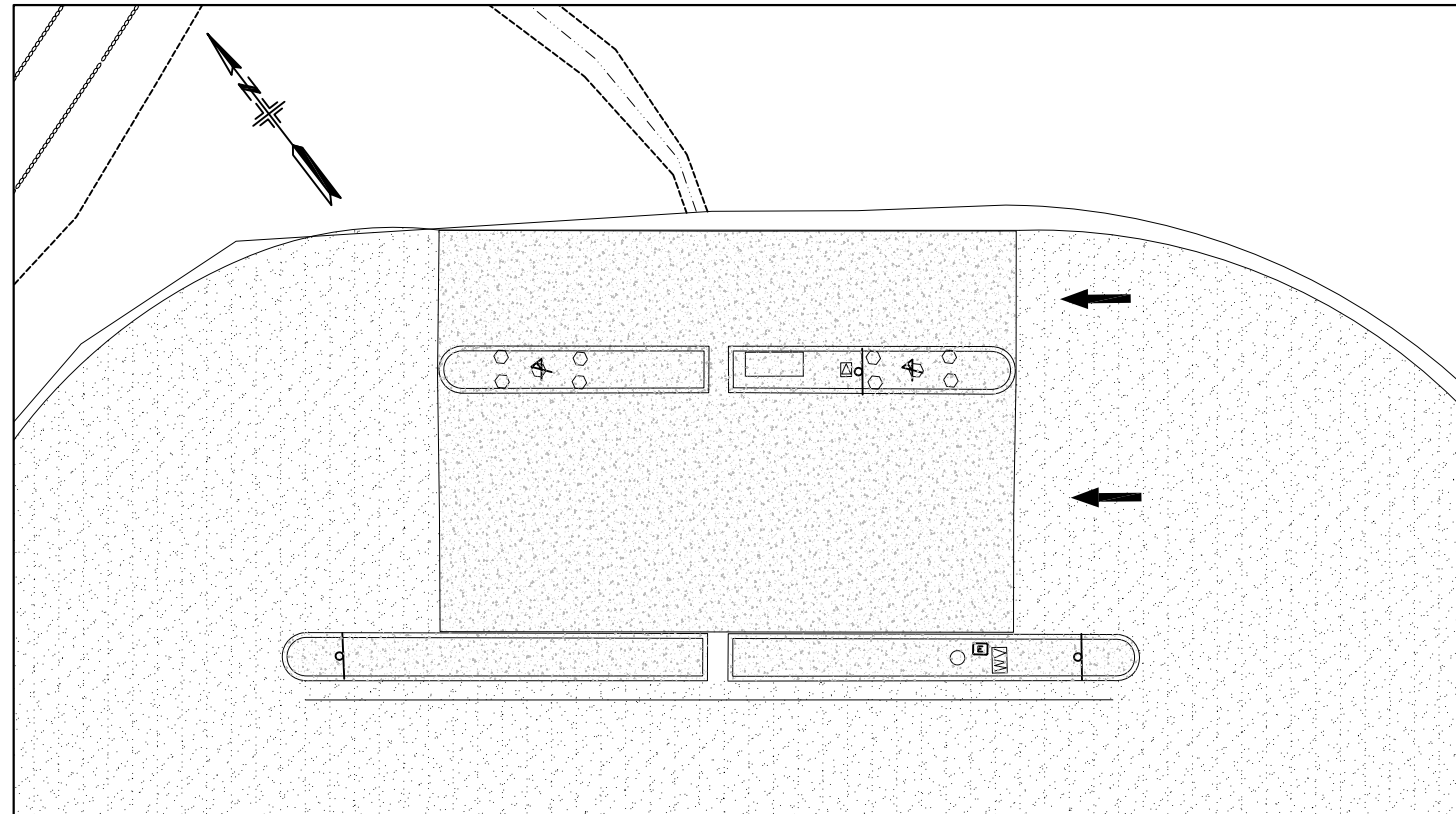
DORAN PARK BOAT LAUNCH RAMP PLAN AND PROFILE

DATE 12-14-12

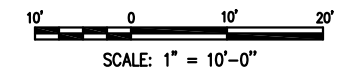
SHEET 7 OF 11

C11

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BOAT WASHDOWN



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**BOAT LAUNCH FACILITIES
 IMPROVEMENT**

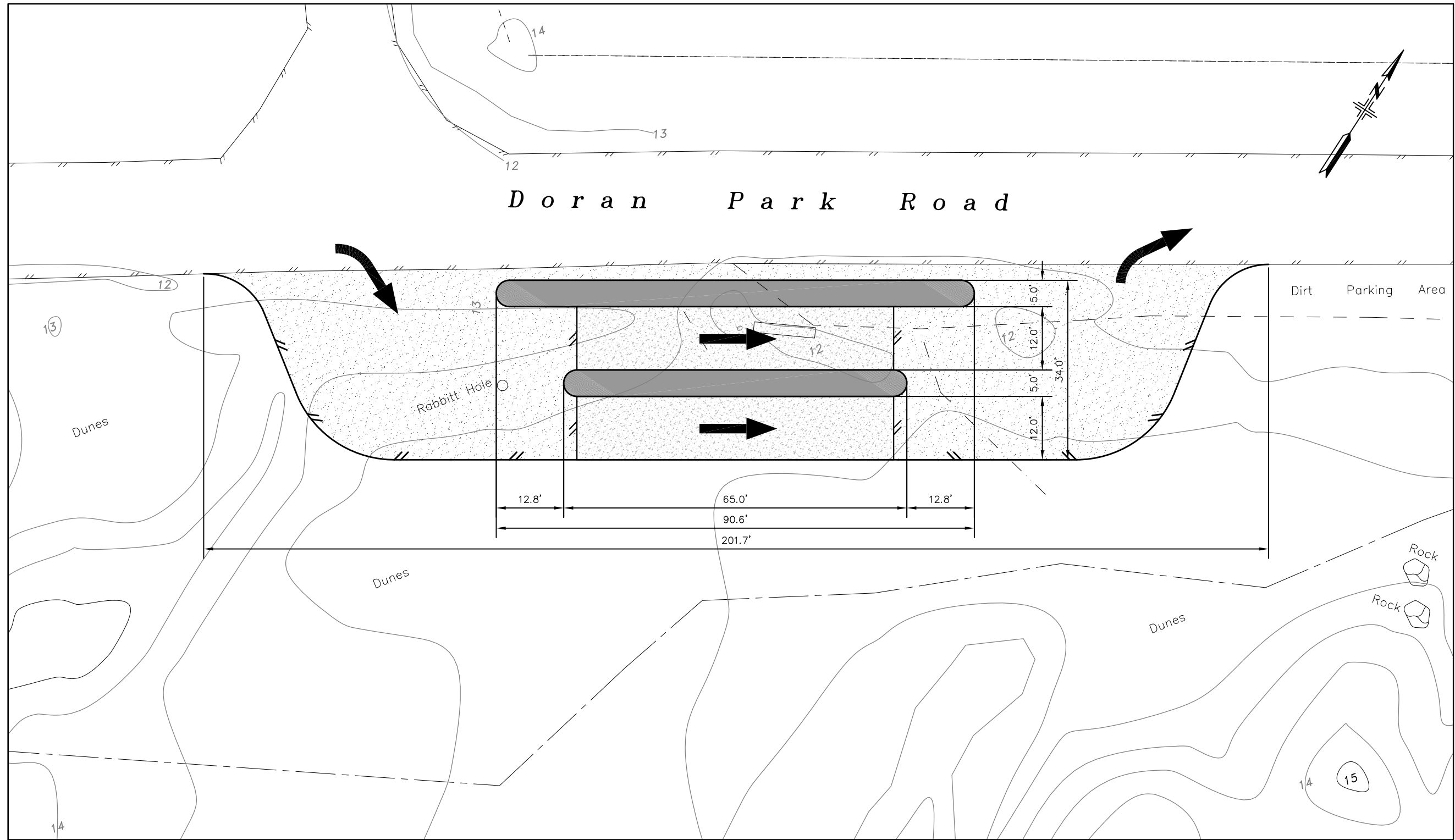
**WESTSIDE PARK BLF
 WASHDOWN DETAIL PLAN**

DATE 10-19-12

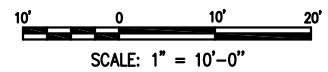
SHEET 8 OF 11

C12

P:\7852 Bodega BLF\CADD\785200_C13.dwg Dec 13, 2012 - 11:43am



BOAT WASHDOWN



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 Walnut Creek, CA 94596

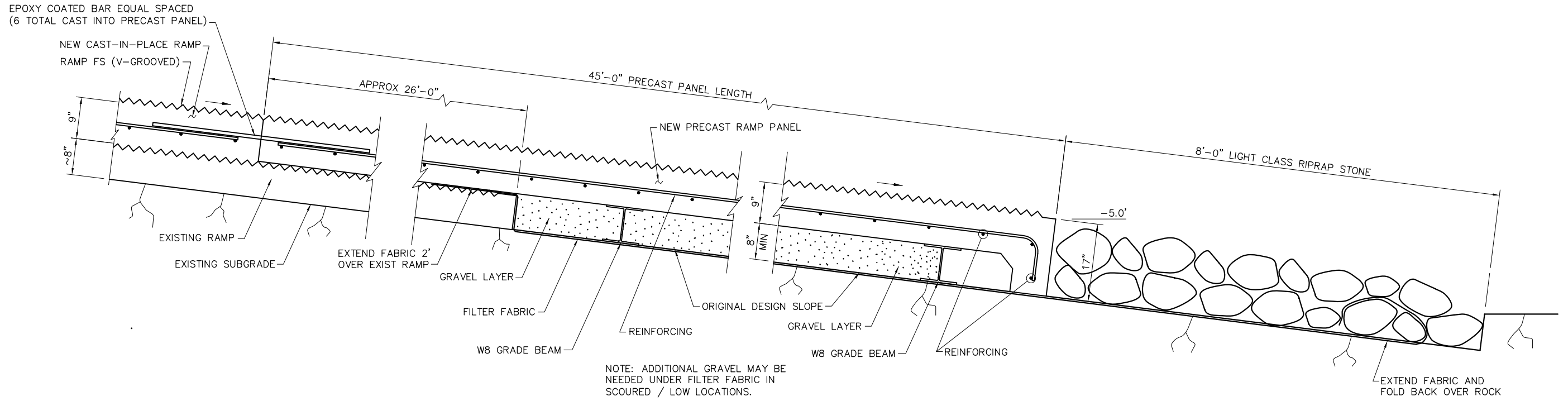
DSGN	RD	DR	TE	CHK	BP
JOB NO.	SUBMITTED BY		TITLE		
7852					

BOAT LAUNCH FACILITIES IMPROVEMENT

DORAN PARK BLF WASHDOWN DETAIL PLAN

DATE 10-19-12
SHEET 9 OF 11
C13

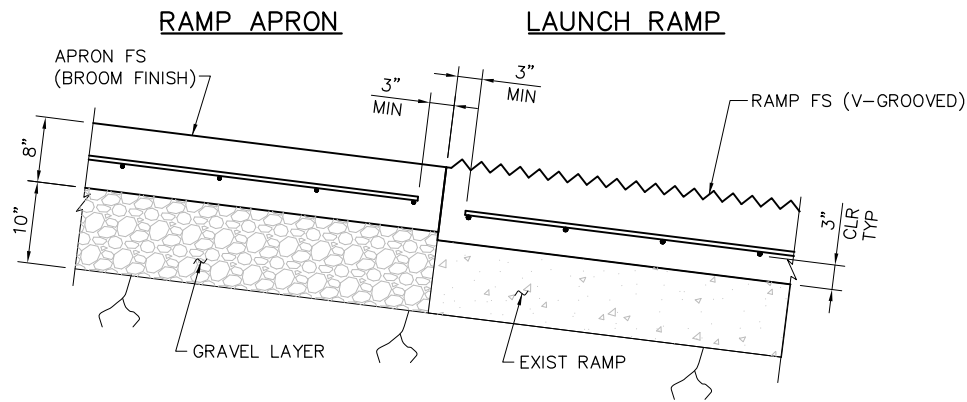
P:\7852 Bodoga BLF\CADD\785200_C14.dwg Dec 13, 2012 - 11:43am



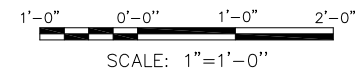
2 CIP TO PRECAST PANEL JOINT DETAIL
SCALE: 1" = 1'-0"

3 RAMP TOE PROTECTION
SCALE: 1" = 1'-0"

A LAUNCH RAMP SECTION
SCALE: 1" = 1'-0"



1 CIP APRON TO RAMP HEAD JOINT DETAIL
SCALE: 1" = 1'-0"



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7852					

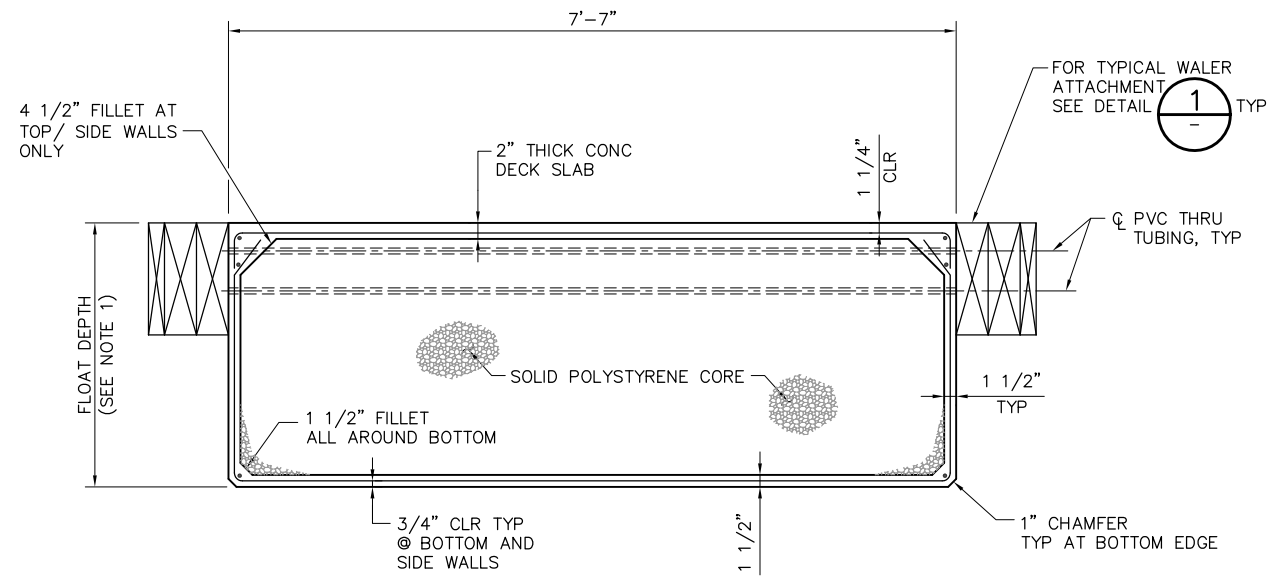
BOAT LAUNCH FACILITIES IMPROVEMENT

LAUNCH RAMP DETAILS

DATE 10-19-12

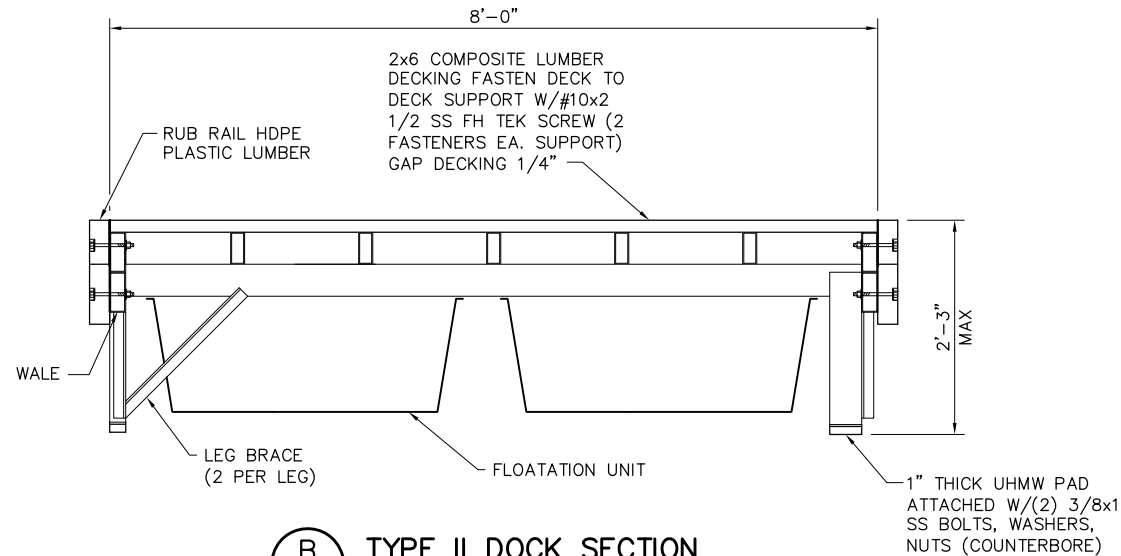
SHEET 10 OF 11

C14



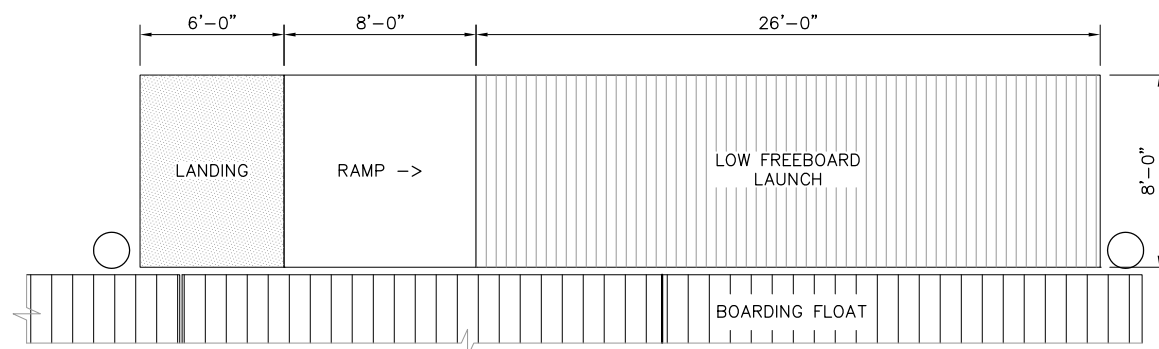
TYPE I DOCK SECTION

SCALE: 1" = 1'-0"



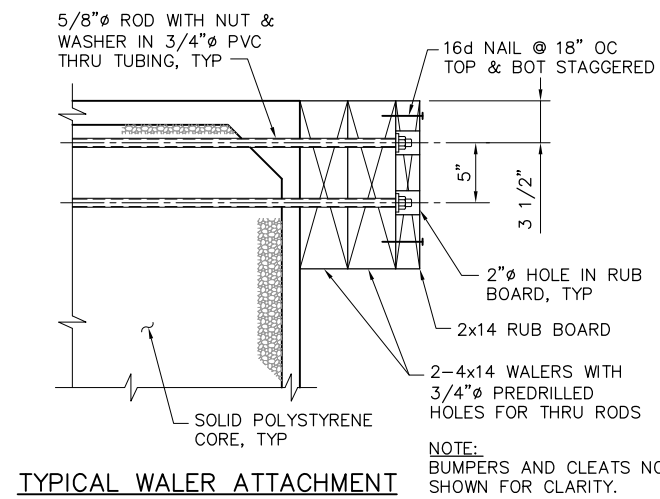
TYPE II DOCK SECTION

SCALE: 1" = 1'-0"



3 LOW FREEBOARD - ALTERNATIVE 1

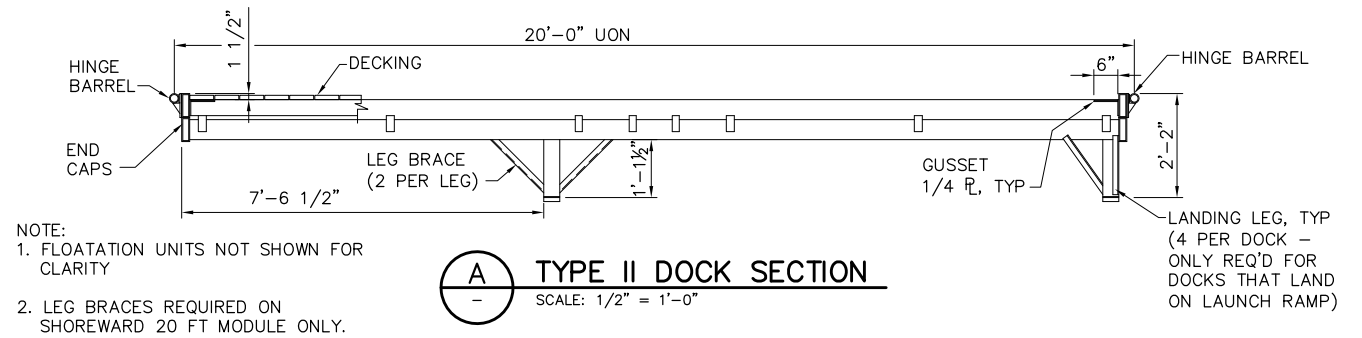
SCALE: 1/4" = 1'-0"



TYPICAL WALER ATTACHMENT

1 DETAIL

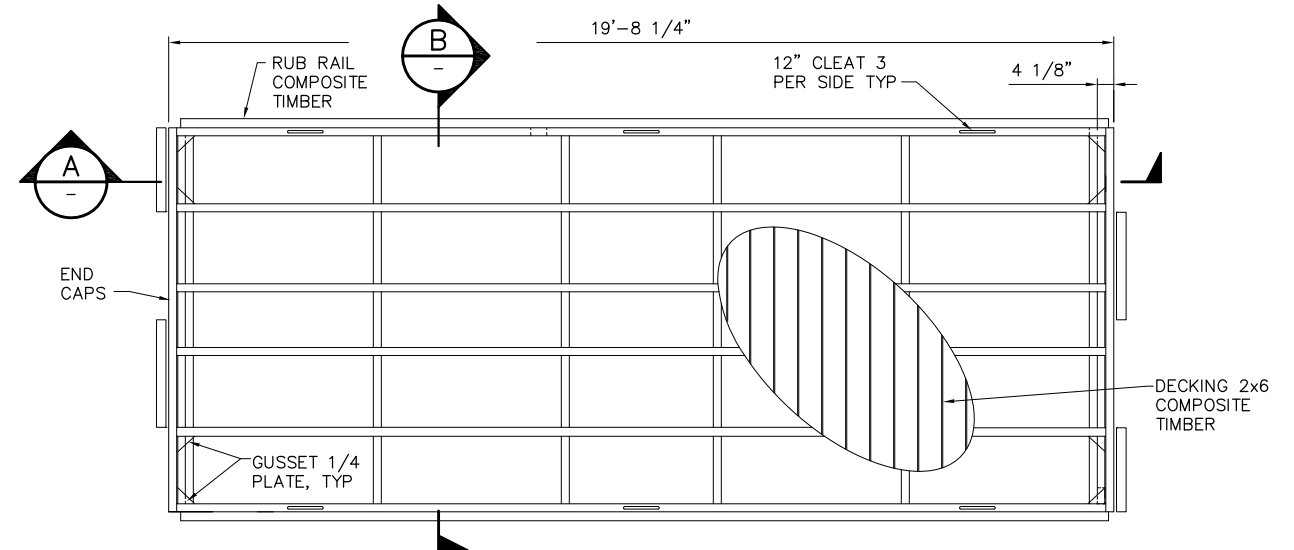
SCALE: 1 1/2" = 1'-0"



NOTE:
1. FLOATION UNITS NOT SHOWN FOR CLARITY
2. LEG BRACES REQUIRED ON SHOREWARD 20 FT MODULE ONLY.

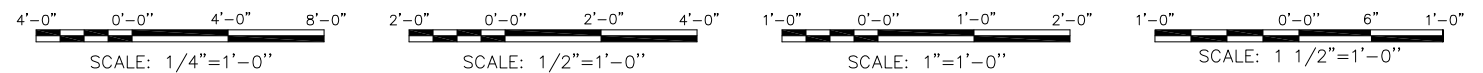
A TYPE II DOCK SECTION

SCALE: 1/2" = 1'-0"



2 TYPE II DOCK PLAN VIEW

SCALE: 1/2" = 1'-0"



FLOATING DOCKS (TYPE I, II) NOTES:

- CONTRACTOR SHALL DESIGN THE FLOAT TO PROVIDE THE REQUIRED FREEBOARD IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. SEE SPECIFICATIONS.
- TYPE I FLOATS MAY BE OF CONCRETE (SHOWN) OR FIBERGLASS SHELL CONSTRUCTION.

P:\7852 Bodega BLF\CADD\785200_C15.dwg Dec 15, 2012 - 1:24pm



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BOAT LAUNCH FACILITIES IMPROVEMENT	
FLOAT DETAILS	

DATE 10-19-12
SHEET 11 OF 11
C15