

90% Design Plans for Old River Site & Connection Slough Site

Old River Site

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GENERAL NOTES

BATHYMETRY SURVEYED BY ENVIRONMENTAL DATA SOLUTIONS ON JUNE 23, 2008 AND REPRESENTS CONDITIONS ON THAT DATE.

VERTICAL DATUM

PROJECT ELEVATIONS ARE BASED ON NAVD'88.

HORIZONTAL DATUM

PROJECT COORDINATES ARE BASED ON THE CALIFORNIA STATE PLANE COORDINATE SYSTEM NAD 1983, ZONE 3.

ABBREVIATIONS

&	AND
#	NUMBER
%	PERCENT
APPROX	APPROXIMATE
ASTM	ASTM INTERNATIONAL
AWPA	AMERICAN WOOD PRESERVATION ASSOCIATION
CL	CENTER LINE
CIP	CAST-IN-PLACE
CLR	CLEAR
CONC	CONCRETE
CONT	CONTINUOUS
DIA, Ø	DIAMETER
DWG	DRAWING
E	EAST
(E)	EXISTING
EL	ELEVATION
EJ	EXPANSION JOINT
FG	FINISH GRADE
H	HORIZONTAL
HD	HEAD
HDPE	HIGH DENSITY POLYETHYLENE
HW	HIGH WATER
ID	INSIDE DIAMETER
LW	LOW WATER
MAX	MAXIMUM
MIN	MINIMUM
MLLW	MEAN LOWER LOW WATER
N	NORTH
NAD	NORTH AMERICAN DATUM
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OG	ORIGINAL GROUND
OPP	OPPOSITE
REINF	REINFORCEMENT
SCH	SCHEDULE
SIM	SIMILAR
STD	STANDARD
SYMM	SYMMETRICAL
TYP	TYPICAL
UHMW	ULTRA HIGH MOLECULAR WEIGHT
UON	UNLESS OTHERWISE NOTED
V	VERTICAL
VC	VERTICAL CURVE
WP	WORK POINT
W/	WITH

INDEX OF DRAWINGS

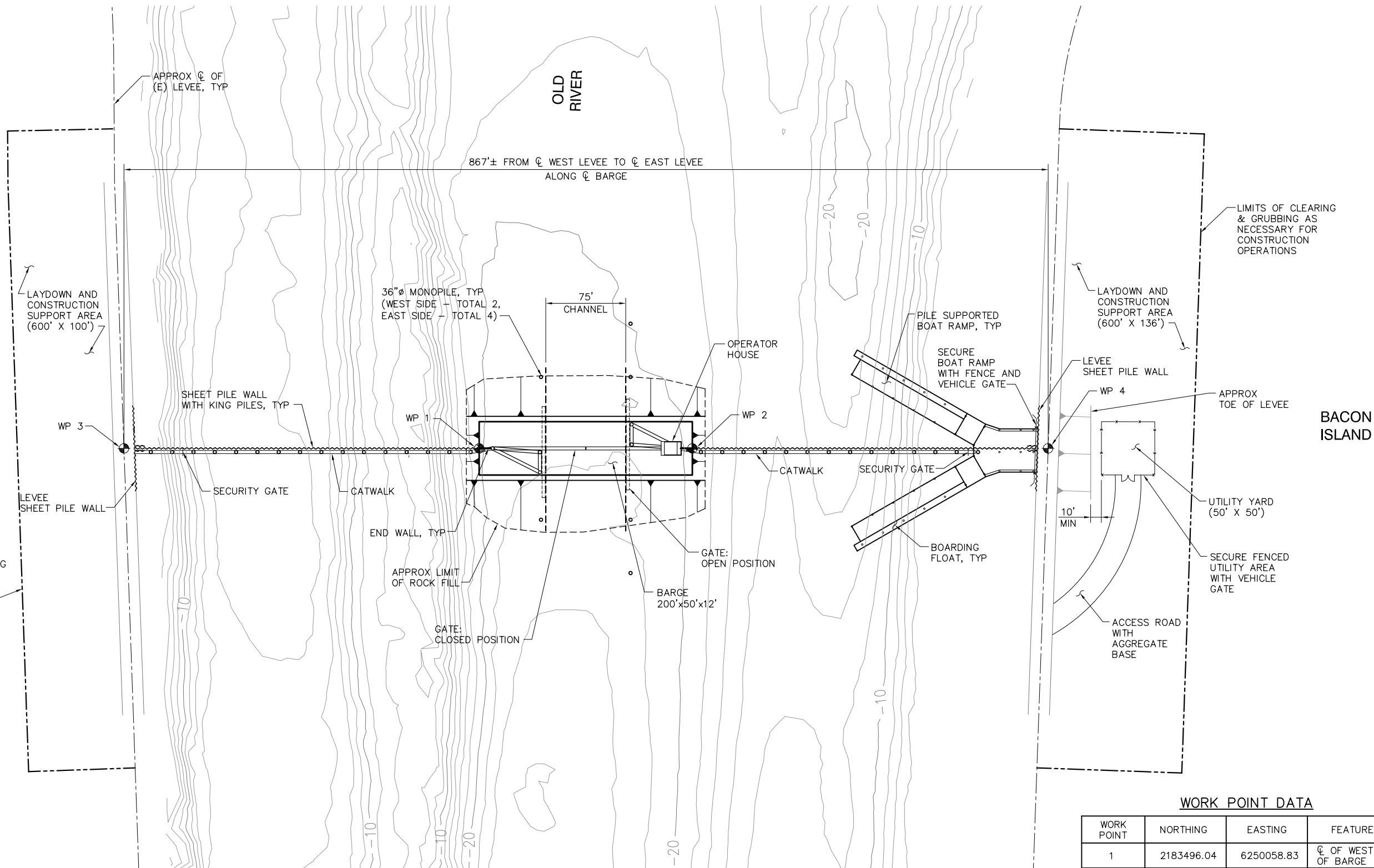
SHEET NUMBER	DRAWING NUMBER	DESCRIPTION
		<u>GENERAL</u>
1	G1	TITLE SHEET
2	G2	INDEX OF DRAWINGS, ABBREVIATIONS, LEGEND AND GENERAL NOTES
3	G3	PROJECT GENERAL PLAN
		<u>OLD RIVER</u>
4	C1	OLD RIVER SITE PLAN
5	C2	OLD RIVER DREDGING PLAN & SECTION
6	C3	OLD RIVER BARGE PREPARED BED
7	C4	OLD RIVER APPROACH RAMP PLAN AND SECTIONS
8	C5	OLD RIVER SHEET PILE WALL ARRANGEMENT PLAN AND ELEVATION, SHEET 1
9	C6	OLD RIVER SHEET PILE WALL ARRANGEMENT PLAN AND ELEVATION, SHEET 2
10	C7	OLD RIVER BOAT RAMP PLAN AND SECTIONS, SHEET 1
11	C8	OLD RIVER BOAT RAMP PLAN AND SECTIONS, SHEET 2
12	C9	OLD RIVER BOAT RAMP PLAN AND SECTIONS, SHEET 3
13	C10	OLD RIVER BOAT RAMP PLAN AND SECTIONS, SHEET 4
14		

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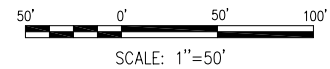


HOLLAND
TRACT

LIMITS OF CLEARING
& GRUBBING AS
NECESSARY FOR
CONSTRUCTION
OPERATIONS



SITE PLAN
SCALE: 1"= 50'



WORK POINT DATA

WORK POINT	NORTHING	EASTING	FEATURE
1	2183496.04	6250058.83	CL OF WEST SIDE OF BARGE
2	2183465.50	6250256.48	CL OF EAST SIDE OF BARGE
3	2183546.94	6249729.50	CL OF WEST LEVEE AND GATE
4	2183414.53	6250586.33	CL OF EAST LEVEE AND GATE

90% SUBMITTAL

IF SHEET IS LESS THAN 22" x 34"
IT IS A REDUCED PRINT -
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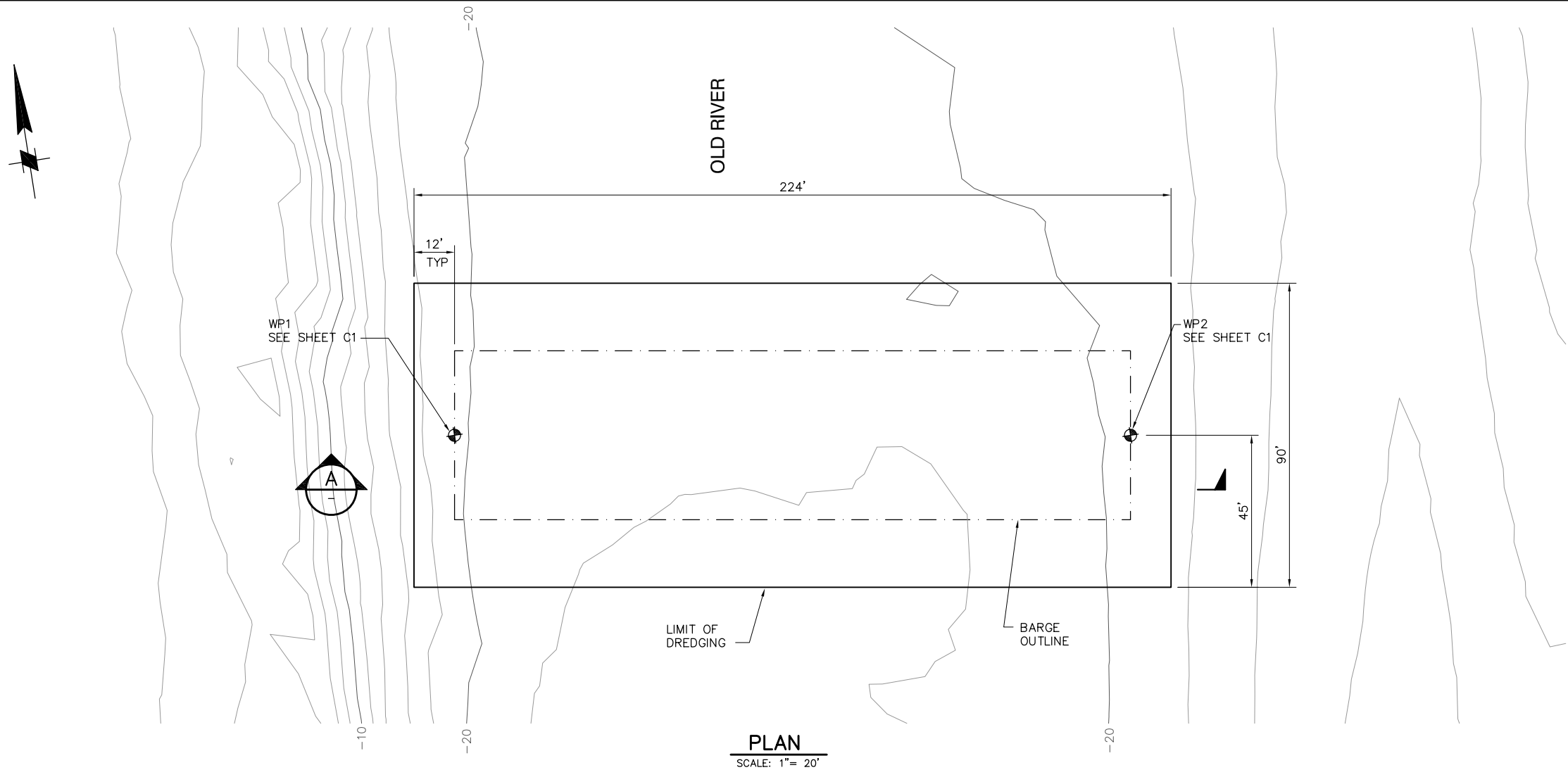
REVISION	DESCRIPTION	BY	DATE



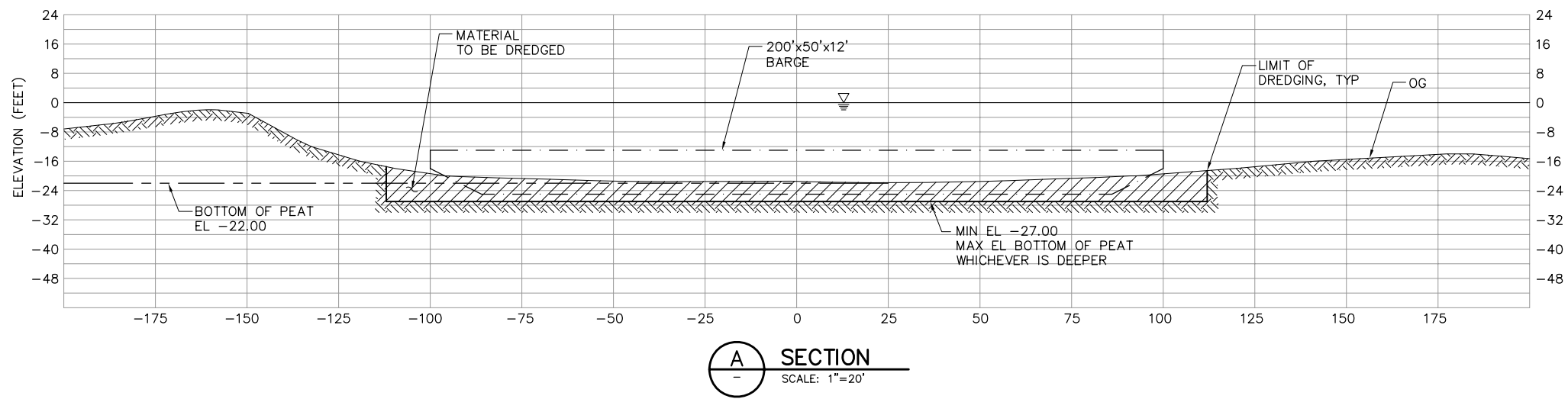
2001 N. Main Street, Suite 360
Walnut Creek, California 94596
(925) 944-5411

DSGN	TDB	DR	EP	CHK	GTH
JOB NO.	6097-				

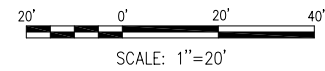
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PLAN
SCALE: 1"= 20'



SECTION
SCALE: 1"=20'



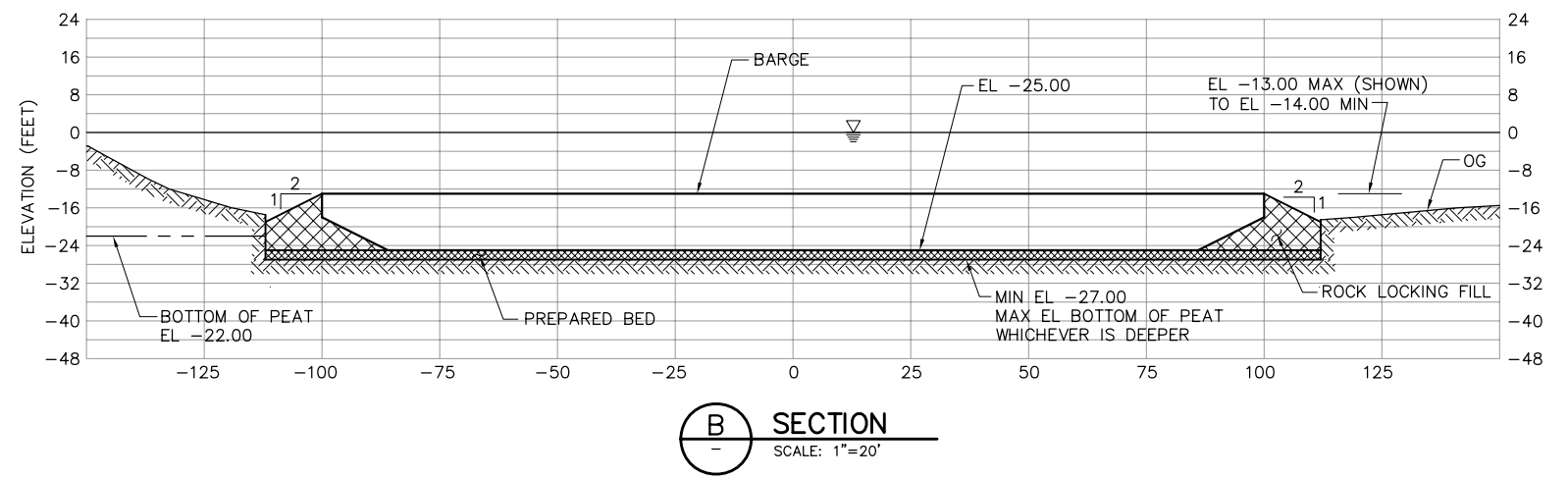
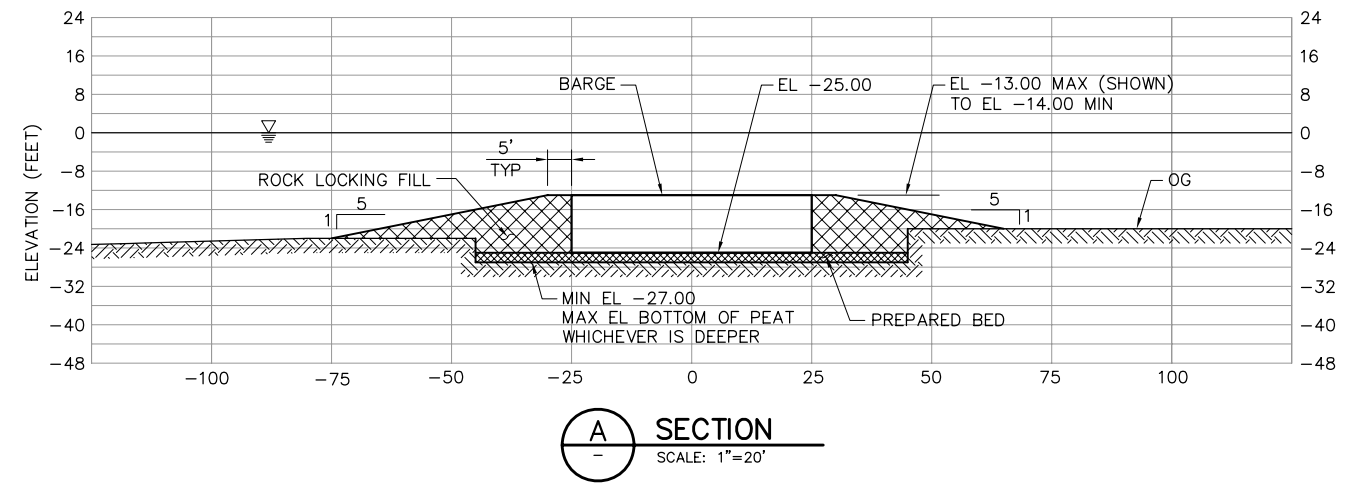
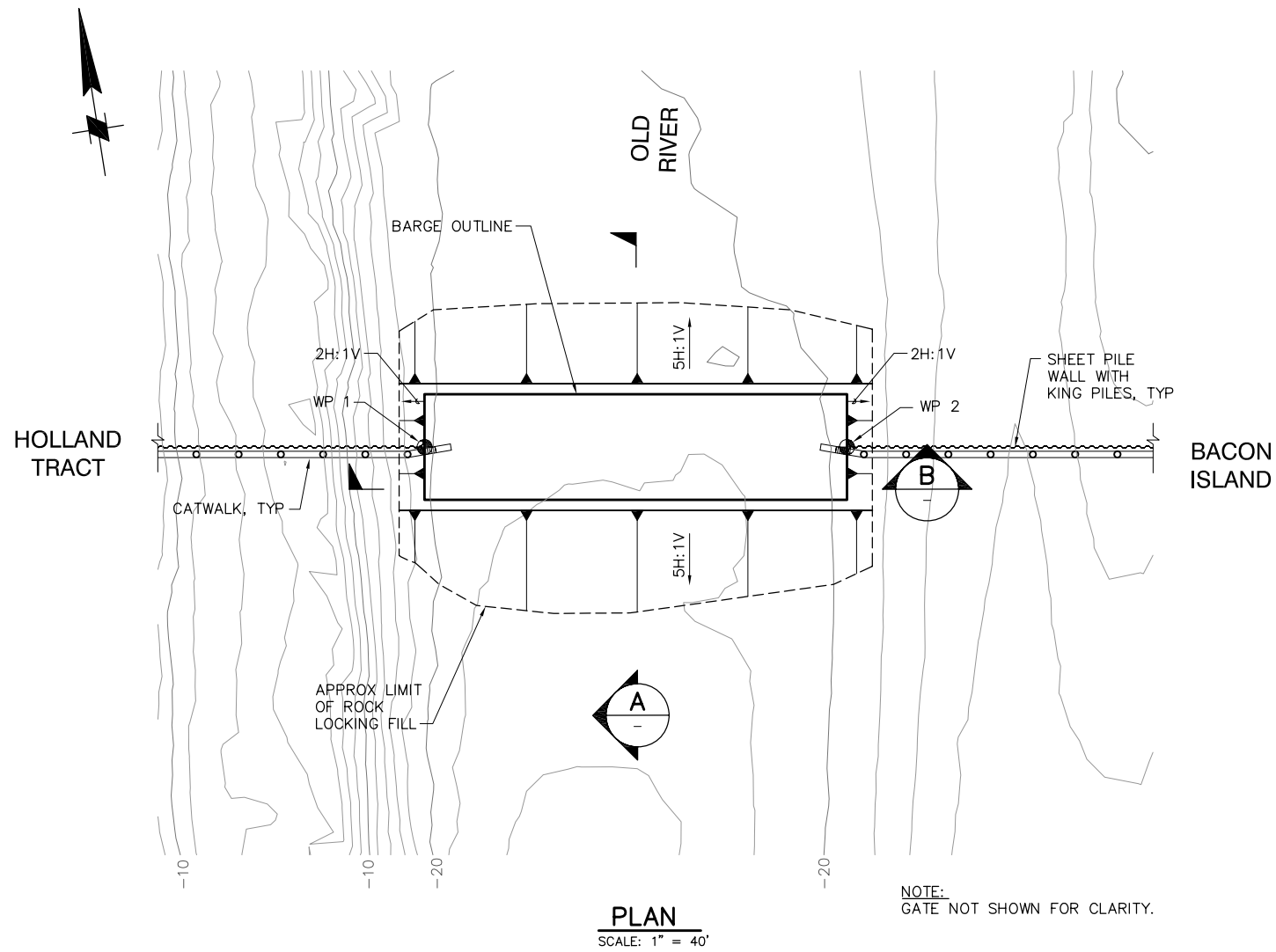
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SCALE REDUCED ACCORDINGLY.

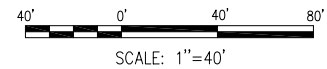
REVISION	DESCRIPTION	BY	DATE	 Moffatt & Nichol	2001 N. Main Street, Suite 360 Walnut Creek, California 94596 (925) 944-5411	TWO GATE FISH PROTECTION PLAN		DATE 12/09/08	
								SHEET 5 OF 65	
						OLD RIVER DREDGING PLAN AND SECTION		C2	
				DSGN	TDB	DR	AB	CHK	GTH
				JOB NO.	6097-03	SUBMITTED BY	RMR	TITLE	

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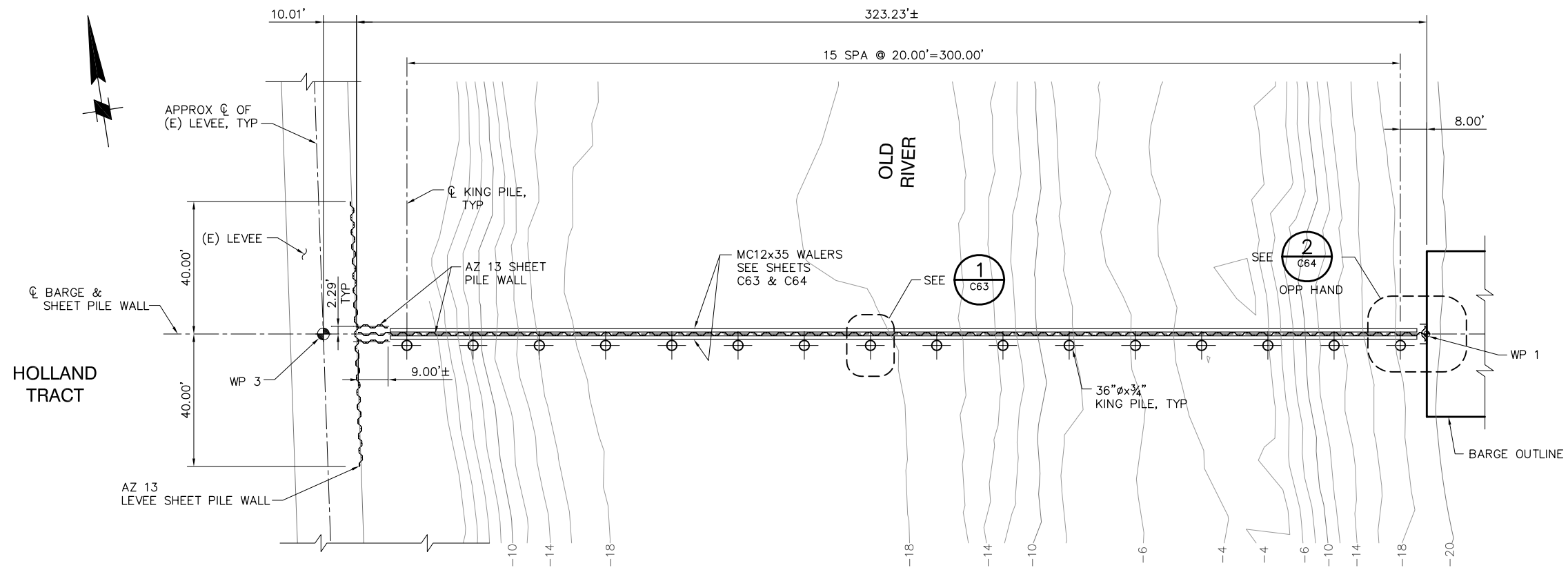


NOTE:
KING PILES AND SHEET PILES NEAR BARGE
SHALL BE PLACED BEFORE ROCK LOCKING FILL.



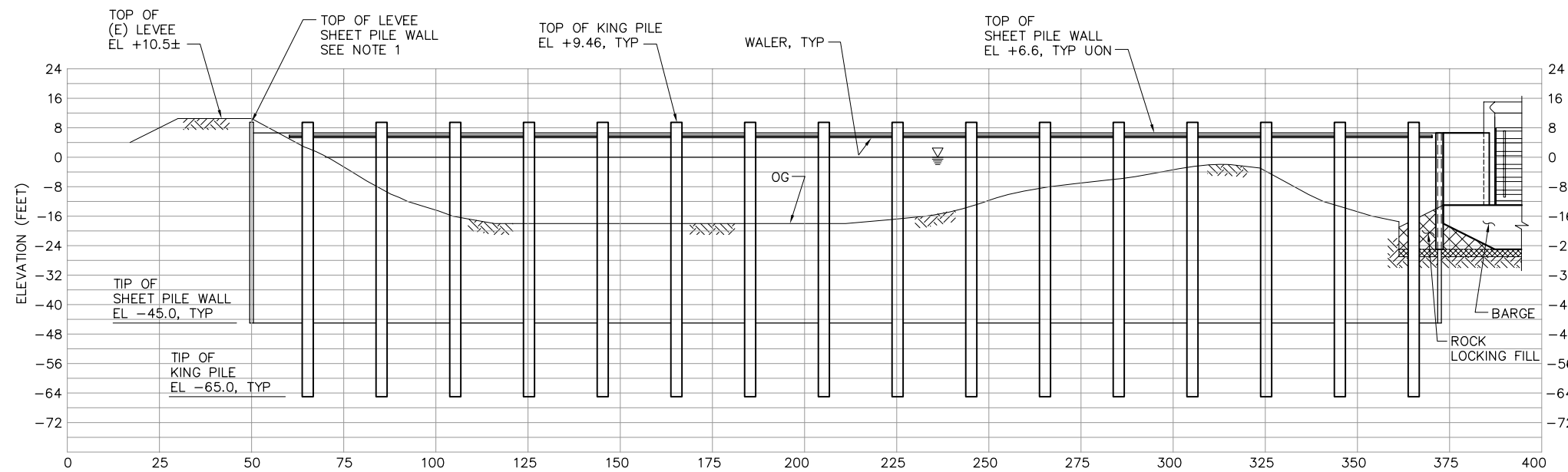
90% SUBMITTAL IF SHEET IS LESS THAN 22" x 34"
IT IS A REDUCED PRINT -
SCALE REDUCED ACCORDINGLY.

REVISION	DESCRIPTION	BY	DATE	 2001 N. Main Street, Suite 360 Walnut Creek, California 94596 (925) 944-5411			TWO GATE FISH PROTECTION PLAN		DATE 12/09/08	
									SHEET 7 OF 65	
							OLD RIVER APPROACH RAMP PLAN AND SECTIONS		C4	
				DSGN JMB	DR EP	CHK TDB				
				JOB NO. 6097-03	SUBMITTED BY RMR	TITLE				



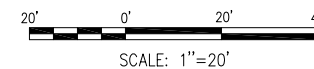
PLAN
SCALE: 1" = 20'

NOTE:
CATWALK NOT SHOWN
FOR CLARITY.



ELEVATION
SCALE: 1" = 20'

NOTE:
CATWALK NOT SHOWN
FOR CLARITY.



90% SUBMITTAL

NOTES:

1. TOP OF LEVEE SHEET PILE WALL SHALL BE 6" BELOW TOP OF (E) LEVEE.

IF SHEET IS LESS THAN 22" x 34"
IT IS A REDUCED PRINT -
SCALE REDUCED ACCORDINGLY.

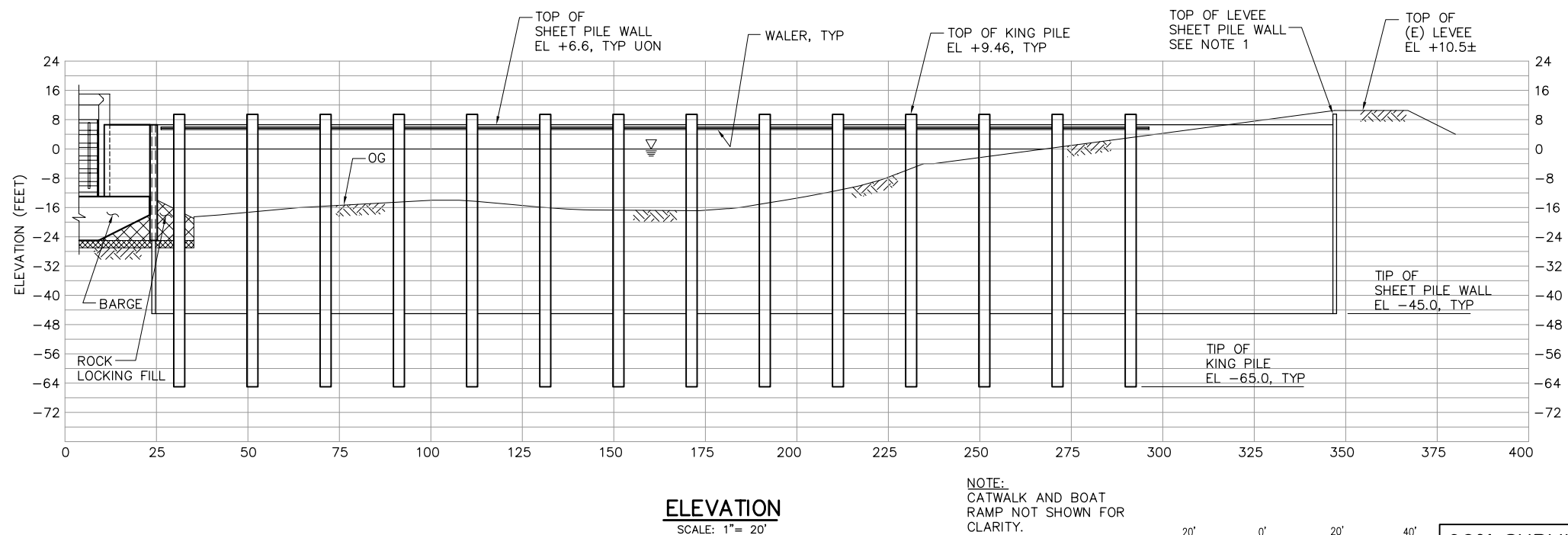
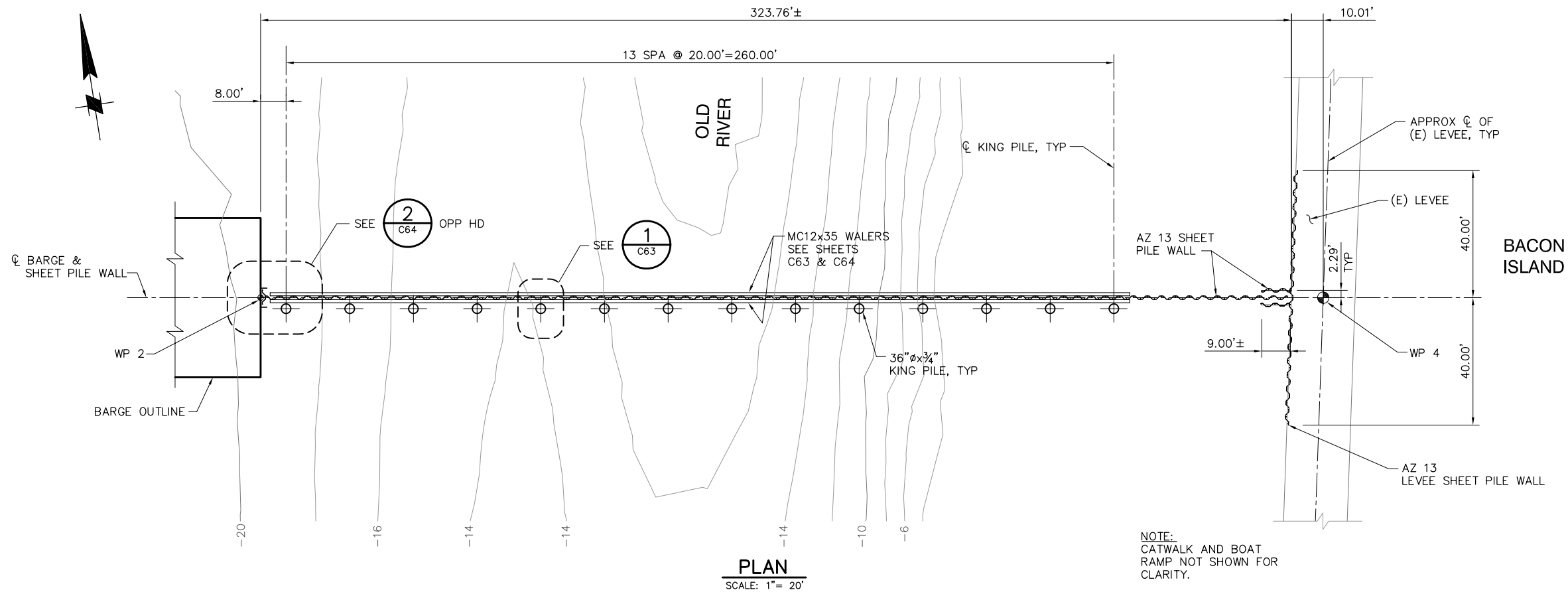
REVISION	DESCRIPTION	BY	DATE

 2001 N. Main Street, Suite 360 Walnut Creek, California 94596 (925) 944-5411		DSGN JMB DR EP CHK TDB JOB NO. 6097-03 SUBMITTED BY RMR TITLE
		TWO GATE FISH PROTECTION PLAN OLD RIVER SHEET PILE WALL ARRANGEMENT PLAN AND ELEVATION, SHEET 1

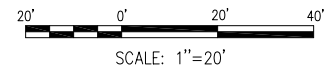
DATE 12/09/08

SHEET 8 OF 65

C5



- NOTES:**
1. TOP OF LEVEE SHEET PILE WALL SHALL BE 6" BELOW TOP OF (E) LEVEE.



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SCALE REDUCED ACCORDINGLY.

REVISION	DESCRIPTION	BY	DATE

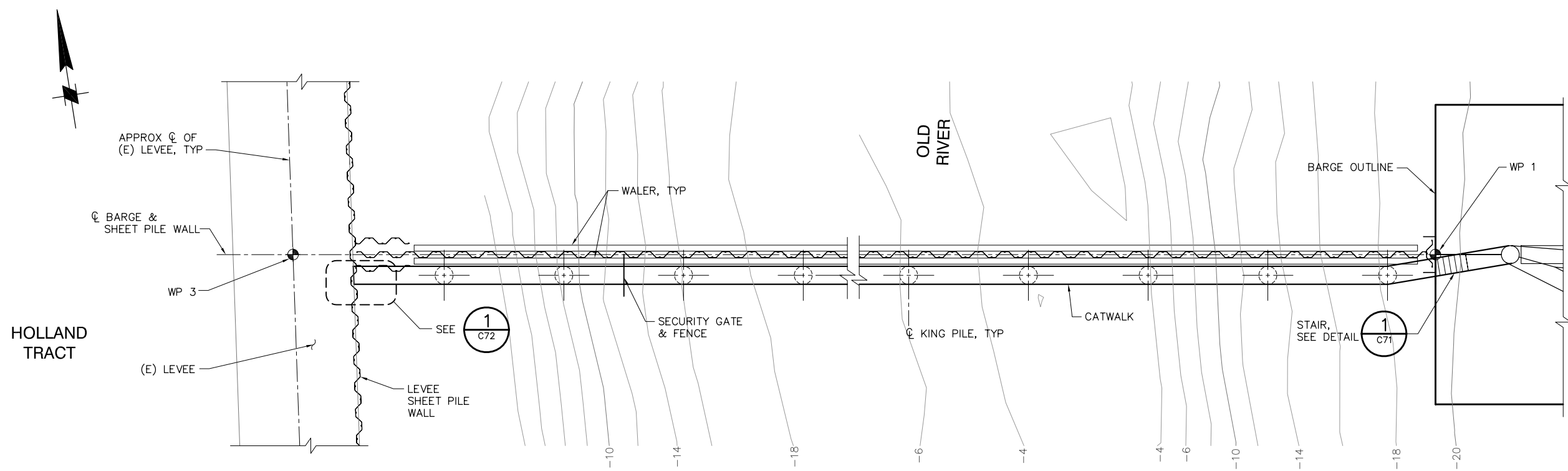
 2001 N. Main Street, Suite 360 Walnut Creek, California 94596 (925) 944-5411					
DSGN	JMB	DR	EP	CHK	TDB
JOB NO.	6097-03	SUBMITTED BY	RMR	TITLE	

TWO GATE FISH PROTECTION PLAN		DATE 12/09/08
OLD RIVER SHEET PILE WALL ARRANGEMENT PLAN AND ELEVATION, SHEET 2		SHEET 9 OF 65
		C6

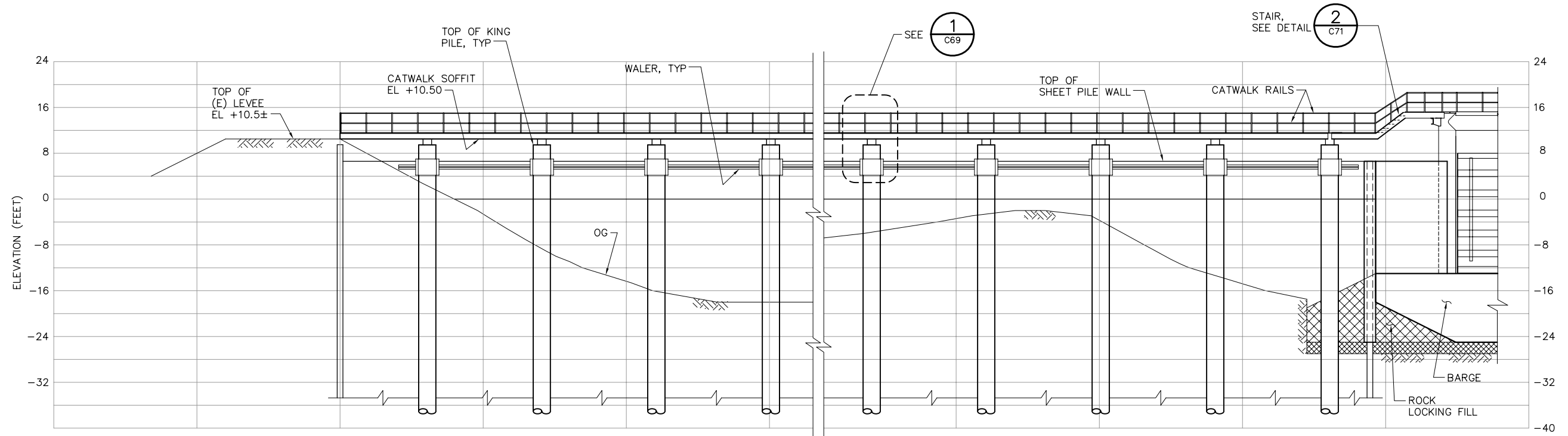
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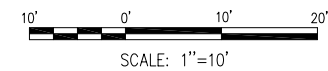
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PLAN
SCALE: 1"= 10'



ELEVATION
SCALE: 1"= 10'



90% SUBMITTAL IF SHEET IS LESS THAN 22" x 34"
IT IS A REDUCED PRINT -
SCALE REDUCED ACCORDINGLY.

REVISION	DESCRIPTION	BY	DATE

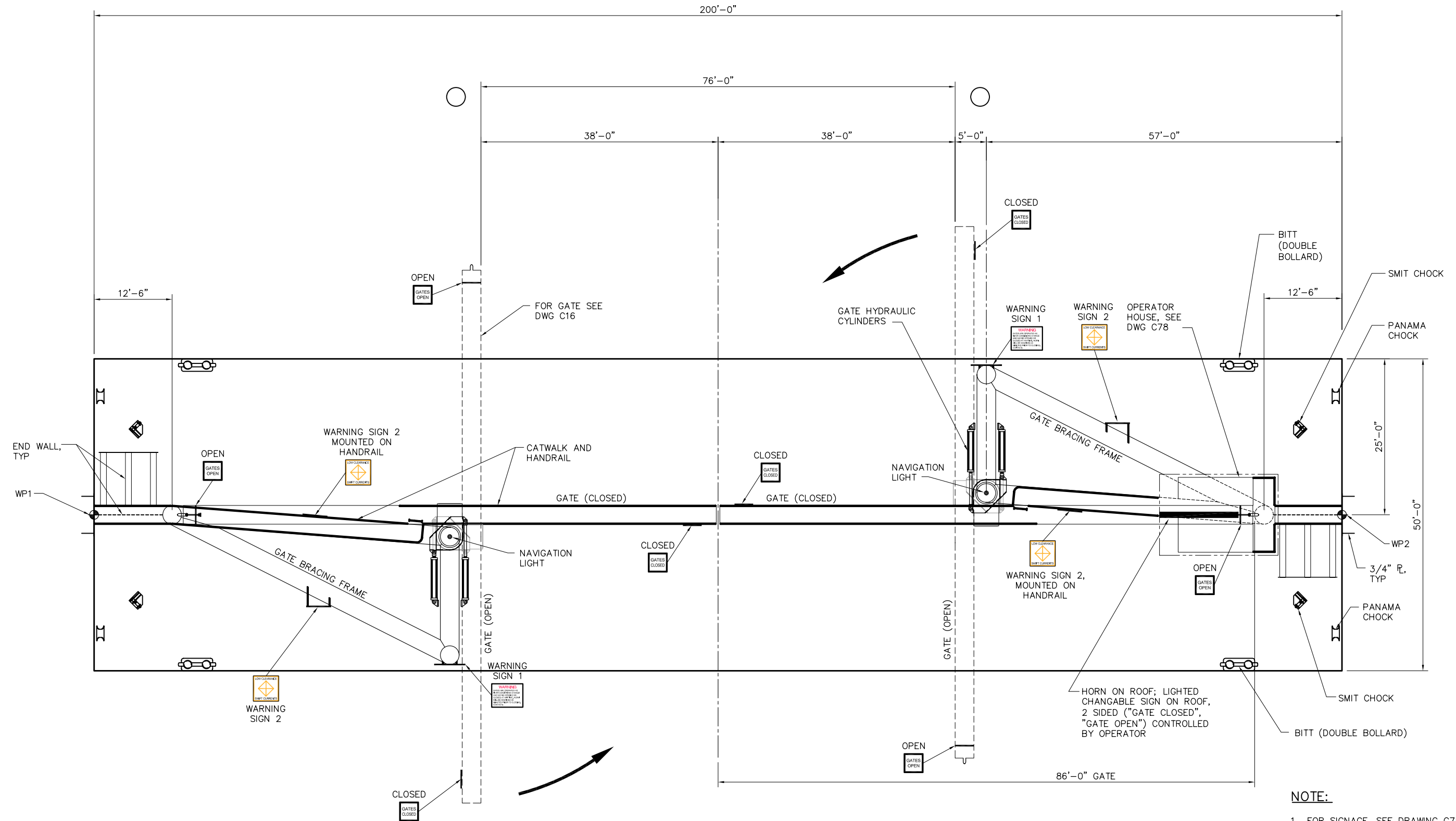
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		JOB NO.	6097-03	SUBMITTED BY	RMR	TITLE	

TWO GATE FISH PROTECTION PLAN OLD RIVER CATWALK PLAN AND ELEVATION, SHEET 1		DATE	12/09/08
		SHEET	14 OF 65
		C11	

P:\6097-03 SW

P:\6097

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BARGE PLAN
SCALE: 1/8"= 1'-0"

8'-0" 0'-0" 8'-0" 16'-0"
SCALE: 1/8"=1'-0"

90% SUBMITTAL

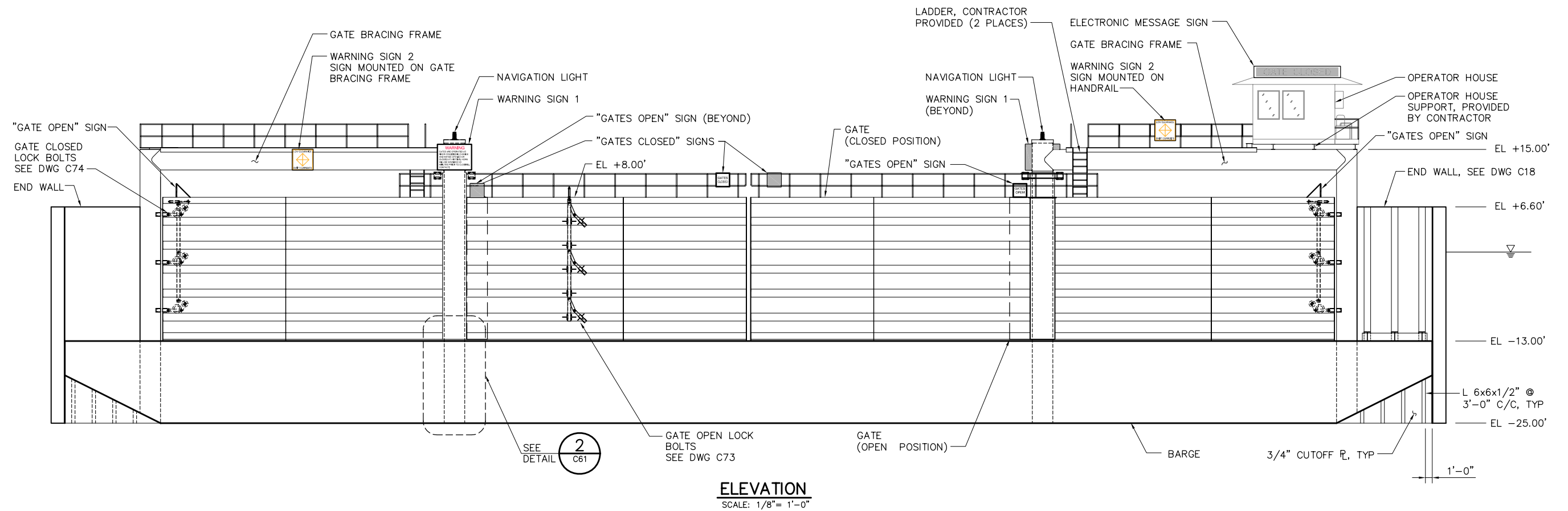
IF SHEET IS LESS THAN 22" x 34"
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SCALE REDUCED ACCORDINGLY.

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TWO GATE FISH PROTECTION PLAN		DATE 12/09/08
OLD RIVER BARGE GENERAL ARRANGEMENT PLAN		SHEET 17 OF 65
C14		

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NOTES:

1. FOR SIGNAGE, SEE DRAWING C75.
2. FOR SIGNAGE MOUNTING SEE DRAWING C76.

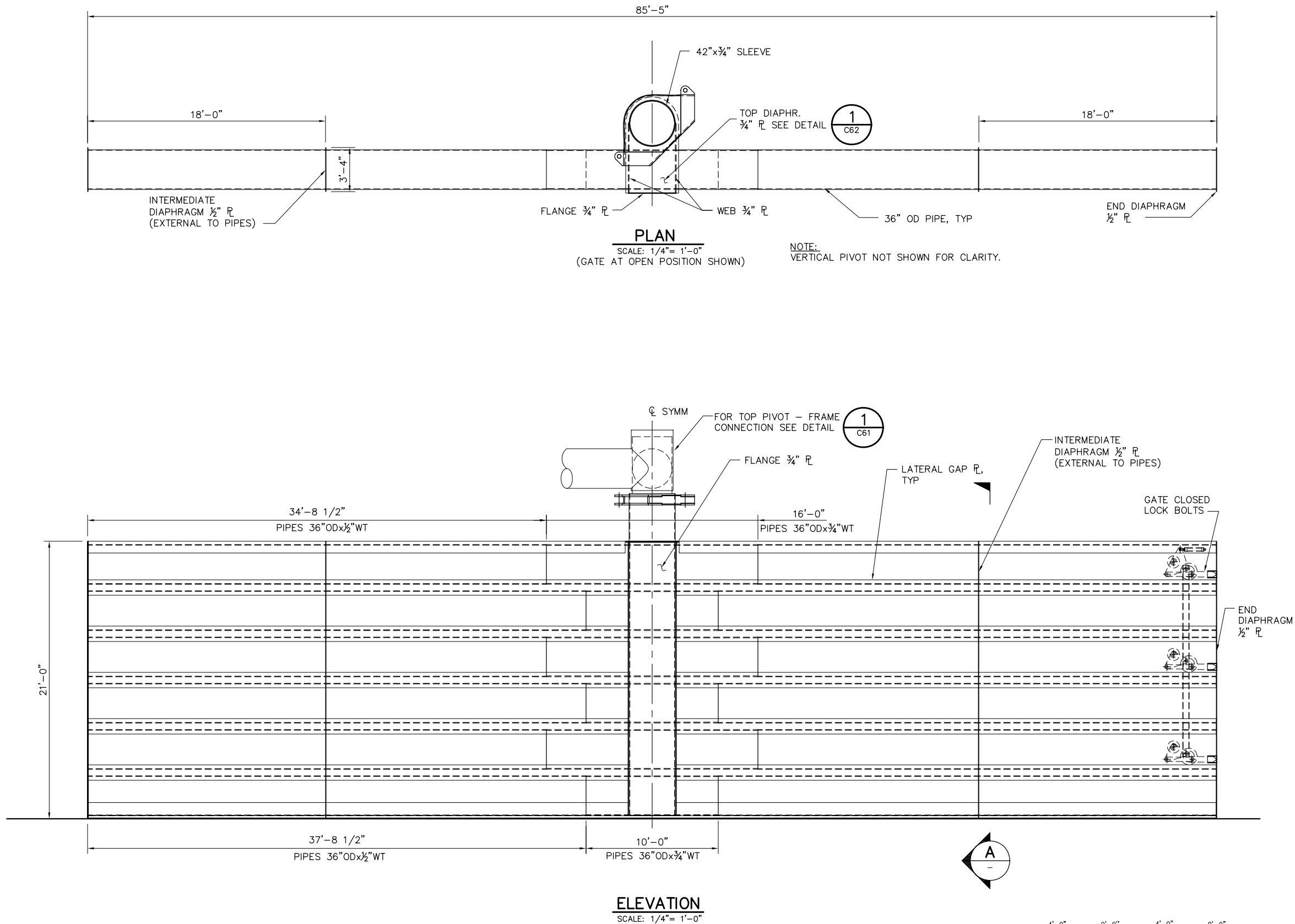
8'-0" 0'-0" 8'-0" 16'-0"
SCALE: 1/8"=1'-0"

90% SUBMITTAL

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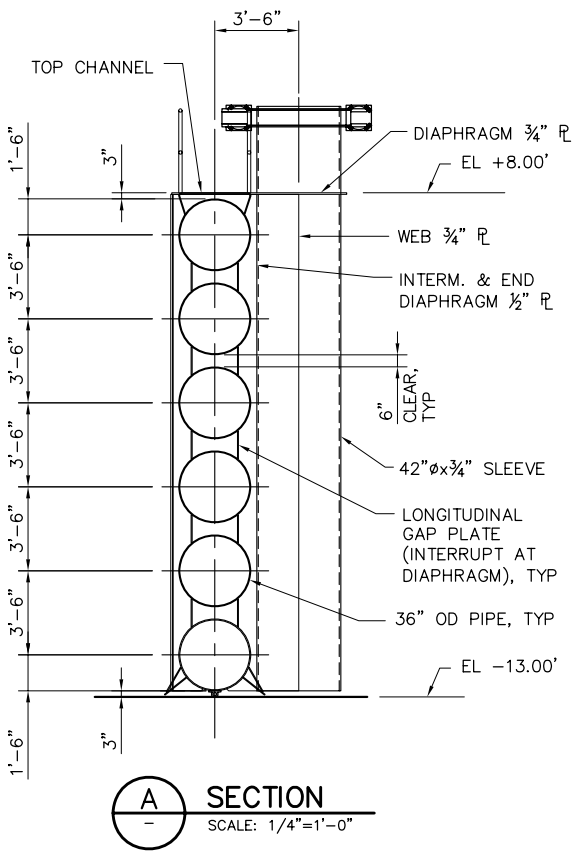
REVISION	DESCRIPTION	BY	DATE	 2001 N. Main Street, Suite 360 Walnut Creek, California 94596 (925) 944-5411	TWO GATE FISH PROTECTION PLAN		DATE 12/09/08	
							SHEET 18 OF 65	
					OLD RIVER BARGE GENERAL ARRANGEMENT ELEVATION		C15	
DSGN JMB		DR AB		CHK TDB				
JOB NO. 6097-03		SUBMITTED BY RMR		TITLE				

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NOTE:

BOTTOM GATE PIPE (36"Ø) SHALL NOT BE BUOYANT. ONLY UPPER FIVE GATE PIPES SHALL BE BUOYANT.



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REVISION	DESCRIPTION	BY	DATE



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JOB NO.	6097-03	SUBMITTED BY	RMR	TITLE	

TWO GATE FISH PROTECTION PLAN

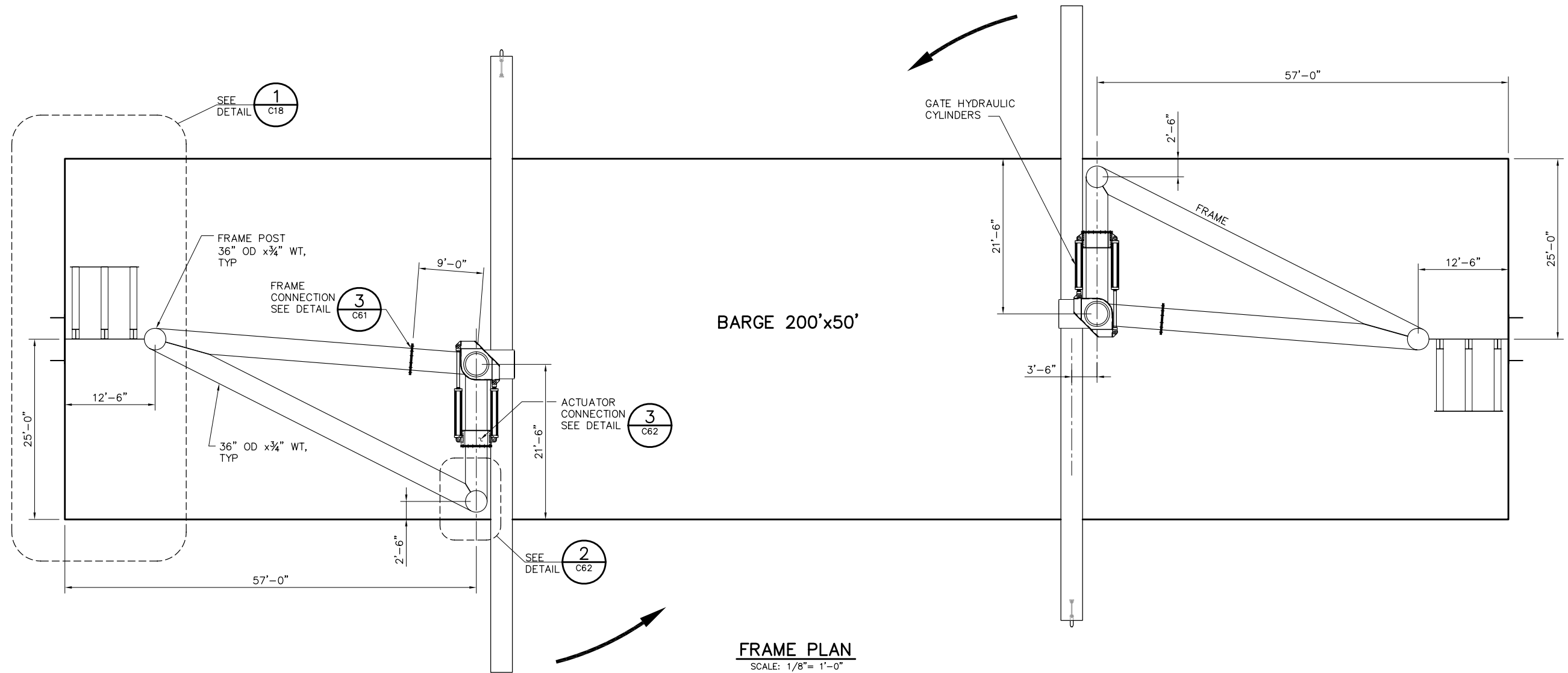
DATE 12/09/08

SHEET 19 OF 65

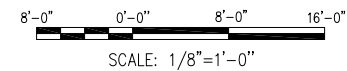
OLD RIVER
GATE SCANTLINGS

C16

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FRAME PLAN
SCALE: 1/8"= 1'-0"



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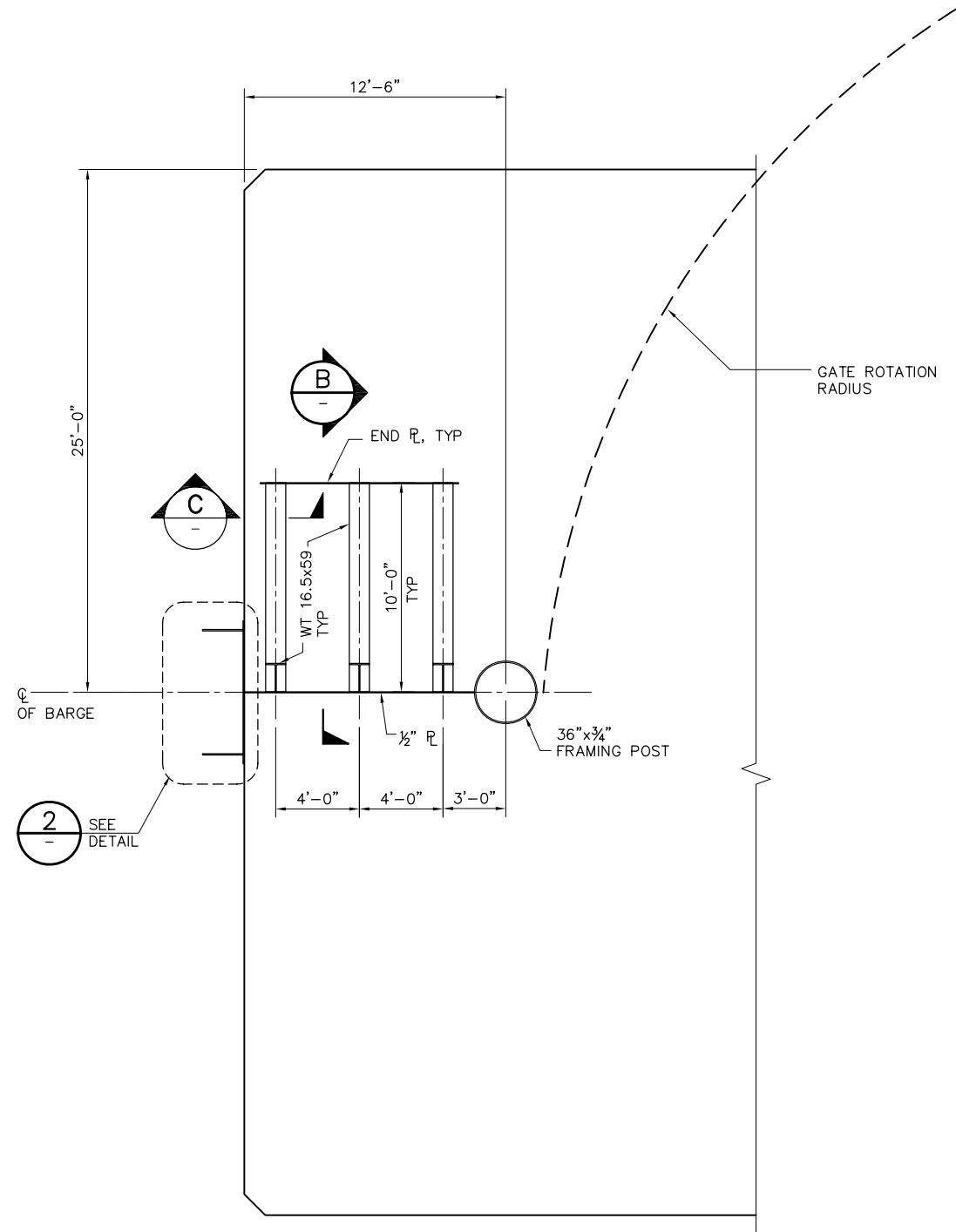
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REVISION	DESCRIPTION	BY	DATE

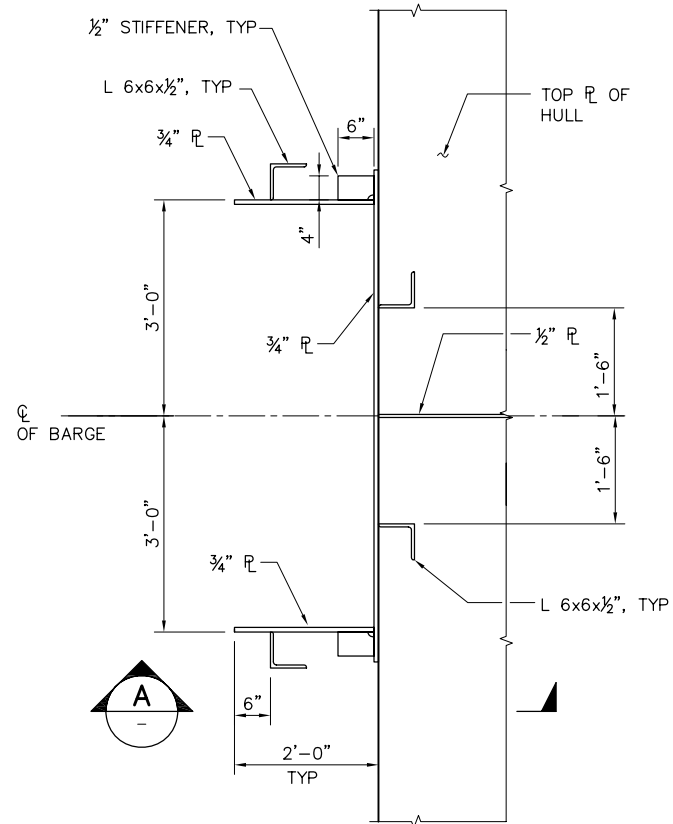
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DSGN	CBS	DR	AB
JOB NO.	6097-03	SUBMITTED BY	RMR
CHK	TDB	TITLE	

TWO GATE FISH PROTECTION PLAN		DATE 12/09/08
OLD RIVER GATE FRAMING LAYOUT		SHEET 20 OF 65
		C17

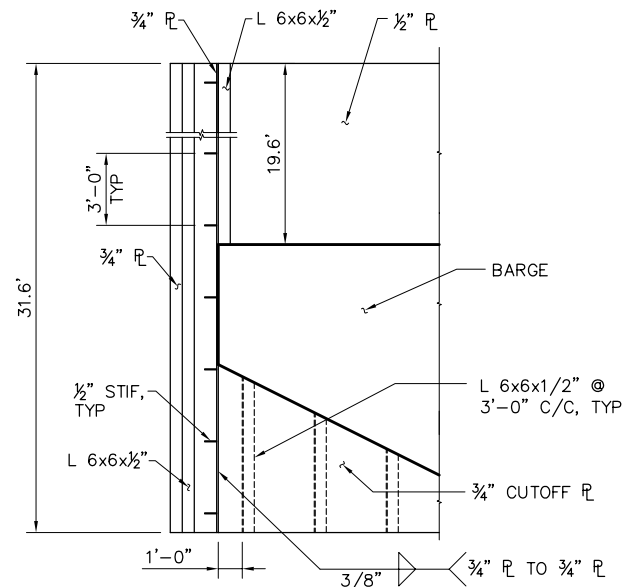
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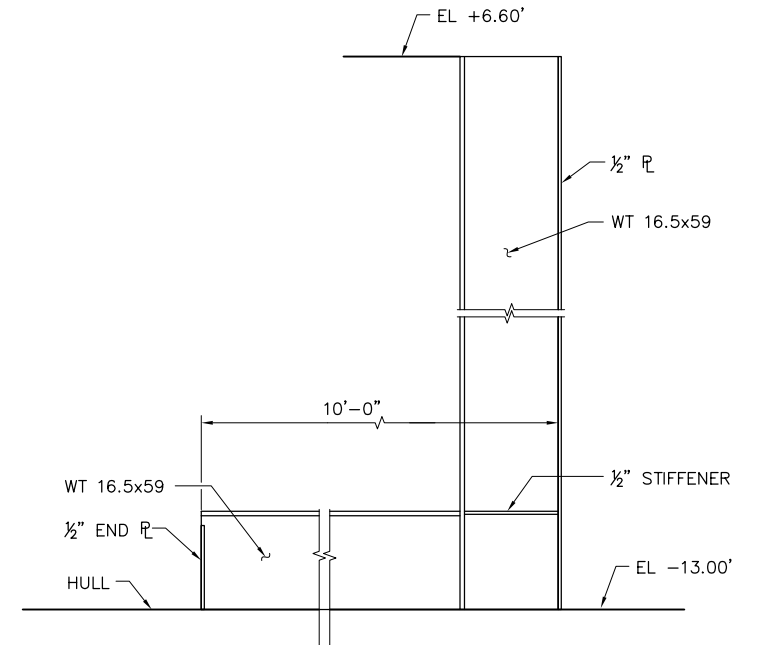
PLAN
1 DETAIL
C17 SCALE: 1/4" = 1'-0"



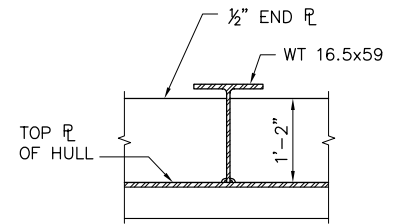
2 DETAIL
SCALE: 3/4" = 1'-0"



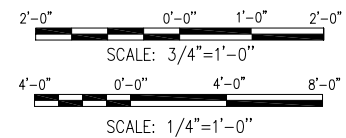
A SECTION
SCALE: 1/4" = 1'-0"



B SECTION
SCALE: 3/4" = 1'-0"



C SECTION
SCALE: 3/4" = 1'-0"



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Connection Slough Site

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