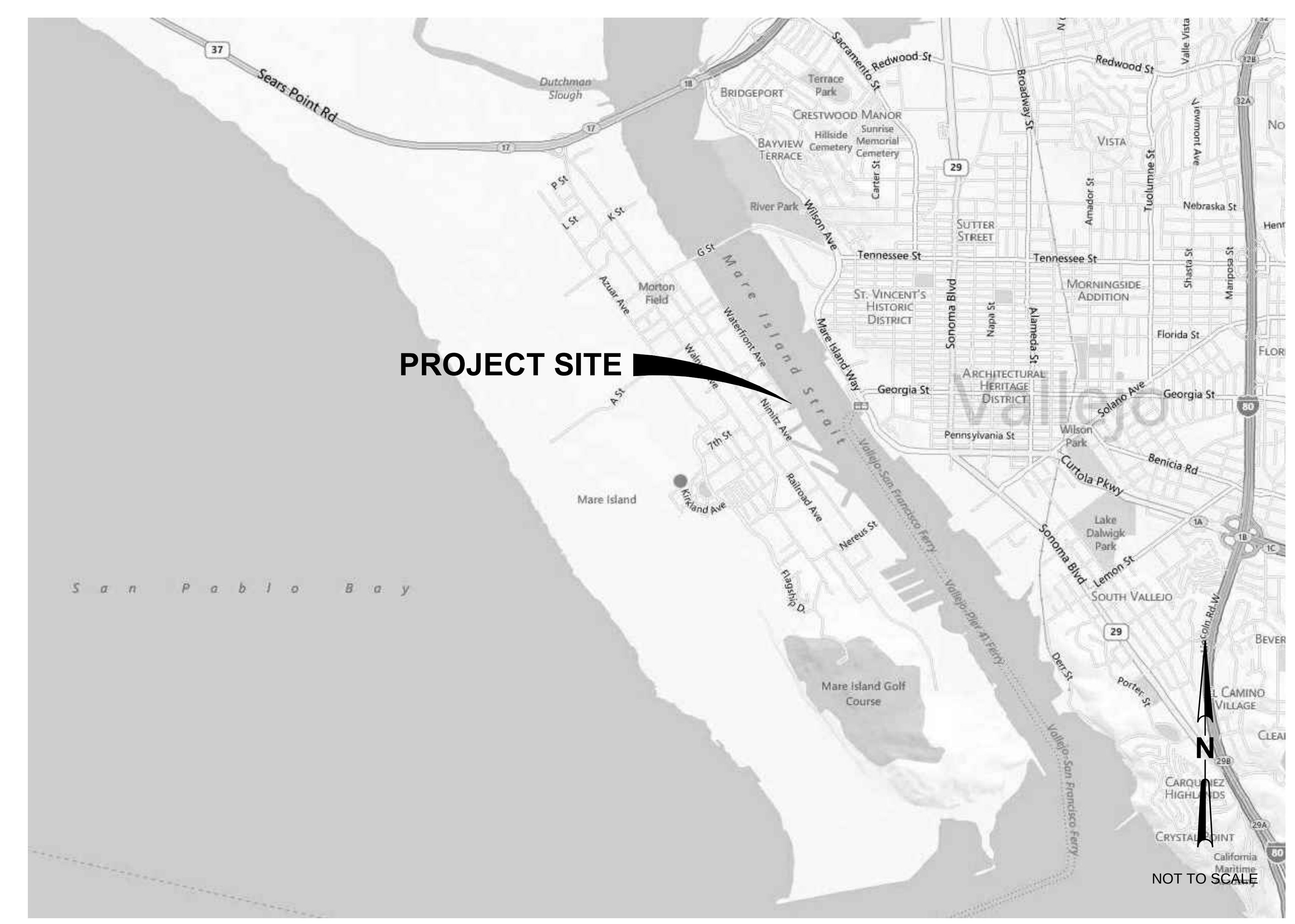
SAN FRANCISCO BAY AREA
WATER EMERGENCY TRANSPORTATION AUTHORITY
NORTH BAY OPERATIONS
AND MAINTENANCE FACILITY
PILE RELOCATION PROJECT
IFB #17-020

AREA MAP

LOCATION MAP



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Drafting Check	SD	Design Check	AP
Project Manager	C LEWIS	Date	JULY 2017
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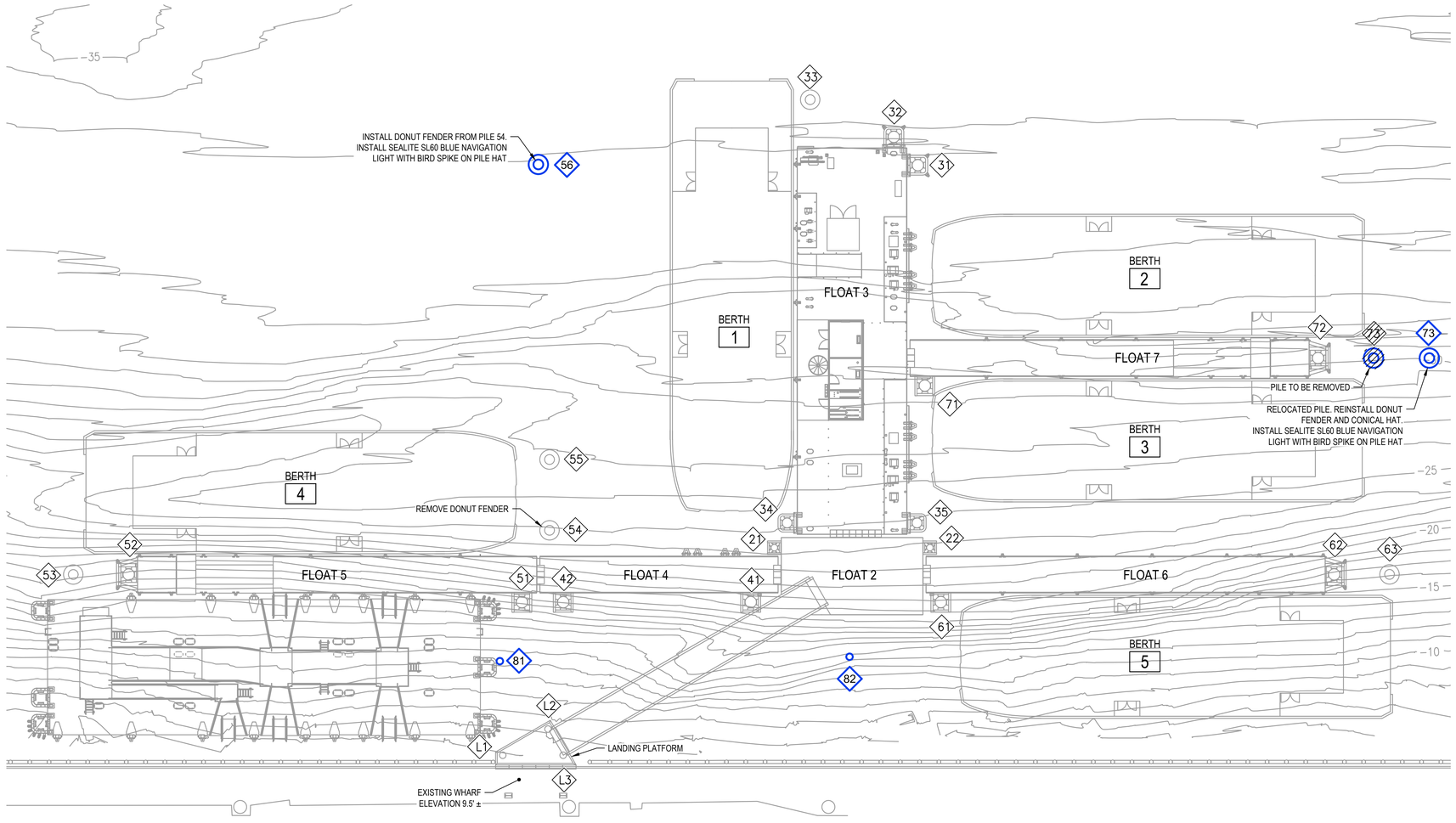
Client **North Bay Operations Maintenance Facility**
Project **Pile Reconfiguration**
Title **COVER SHEET**

Project No. **11136480**

Original Size **ANSI D** Sheet No. **G-001** Sheet **1** of **2**



1 **PILE PLAN**
SCALE: 1"=20'

0 20' 40'

PLAN NORTH

SHEET GENERAL NOTES

1. THOUGH IMPROBABLE, THERE IS A POTENTIAL TO ENCOUNTER MUNITIONS AND EXPLOSIVES DURING PILE DRIVING AND UNDERWATER CONSTRUCTION - SEE DIVISION I SPECIFICATIONS.
2. PROVIDE WHITE CONICAL "HATS" FOR THE TOPS OF ALL PILES. MATCH EXISTING CONICAL "HATS".
3. DURING PILE DRIVING ACTIVITIES, CONTRACTOR SHALL FOLLOW REQUIREMENTS OF ENVIRONMENTAL AND REGULATORY PERMITS FOR PILE DRIVING ENERGY ATTENUATION.
4. VERTICAL DATUM IS NGVD 29.
5. CONTRACTOR TO CONFIRM THE EXACT FINAL LOCATION OF ALL NEW AND RELOCATED PILES WITH FACILITY OPERATOR PRIOR TO THE START OF WORK.
6. ALL NEW STEEL PIPE PILES SHALL BE PROTECTED USING MARINE EPOXY COATING FROM TOP OF PILE TO A MINIMUM OF 10 FEET BELOW MUDLINE. CONTRACTOR SHALL PROVIDE SUBMITTAL WITH COATING INFORMATION FOR WONER REVIEW AND APPROVAL PRIOR TO FABRICATION.
7. ANY COATING DAMAGE ON EXISTING PILES SHALL BE REPAIRED PRIOR TO COMPLETION OF WORK.
8. SEE SPECIFICATIONS SECTION 09 96 00 FOR MARINE EPOXY COATING.
9. SEE SPECIFICATIONS SECTION 31 62 16 FOR PLUMBNESS TOLERANCE.

LEGEND

- EXISTING PILE TO REMAIN
- REMOVED OR RELOCATED PILE
- NEW OR RELOCATED PILE
- 73 EXISTING PILE IDENTIFICATION NUMBER
- 73 REMOVED OR RELOCATED PILE IDENTIFICATION NUMBER
- 73 NEW OR RELOCATED PILE IDENTIFICATION NUMBER

PILE SCHEDULE

PILE NO	PILE ID	NORTHING	EASTING	PIPE PILE SIZE	TIP ELEV (EST. FT)	PILE CUTOFF ELEV (FT)	TOTAL PILE LENGTH (FT)**
1	L1	1798823.1200	6484117.4300	24x1/2	-46	8*	56
2	L2	1798816.3300	6484132.2300	24x1/2	-46	8*	56
3	L3	1798807.6400	6484128.9000	24x1/2	-46	8*	56
4	21	1798792.8800	6484217.8000	24x3/4	-61	13.5	77
5	22	1798752.6200	6484247.0300	24x3/4	-61	13.5	77
6	31	1798825.1700	6484340.8300	42x1	-79	18.7	100
7	32	1798835.1100	6484344.5300	42x1	-79	18.7	100
8	33	1798864.1800	6484338.5700	36x3/4	-79	23	104
9	34	1798793.3400	6484227.3400	36x3/4	-72	18.7	93
10	35	1798760.4900	6484250.9500	36x3/4	-72	18.7	93
11	41	1798787.8500	6484201.1600	42x1	-74	13.5	90
12	42	1798835.6800	6484167.1400	42x1	-74	13.5	90
13	51	1798845.9400	6484159.7300	42x1	-72	13.5	88
14	52	1798950.0900	6484095.3800	42x1	-75	13.5	91
15	53	1798964.1600	6484085.4500	36x3/4	-67	23	92
16	54	1798852.0098	6484182.6590	36x3/4	-74	23	99
17	55	1798864.4569	6484200.5332	36x3/4	-73	23	98
18	61	1798740.1400	6484235.3800	42x1	-74	13.5	90
19	62	1798645.6200	6484313.2600	42x1	-71	13.5	87
20	63	1798632.3500	6484323.1900	36x3/4	-66	23	91
21	71	1798783.8600	6484287.6400	42x1	-76	13.5	92
22	72	1798688.8200	6484365.2300	42x1	-85	13.5	101
23	73	1798860.77	6484385.40	36x3/4	-68	23	93
24	56	1798920.87	6484273.10	36x3/4	-79	23	104
25	81	1798840.74	6484140.65	24x3/4	-65	23	90
26	82	1798753.19	6484205.00	24x3/4	-65	23	90

NEW PILE DATA

* FIELD VERIFY W/ EXISTING WHARF ELEVATION.

** INCLUDES ADDITIONAL LENGTH TO ACCOUNT FOR OVERDRIVE AND FRESH HEAD CUTTING.

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Client North Bay Operations Maintenance Facility
Project Pile Relocation
Title PILE RELOCATION PLAN AND SCHEDULE
Project No. 11136480
Original Size ANSI D
Sheet No. SM-101
Sheet 2 of 2

Plot Date: 18 July 2017 - 8:10 AM Plotted By: Pat Scheetz Filename: \\ghdnet\ghd\US\San Francisco\Projects\111\11136840 WETA Waterside Facility Pile\06-CAD\Sheets\11136480 SM-101.dwg