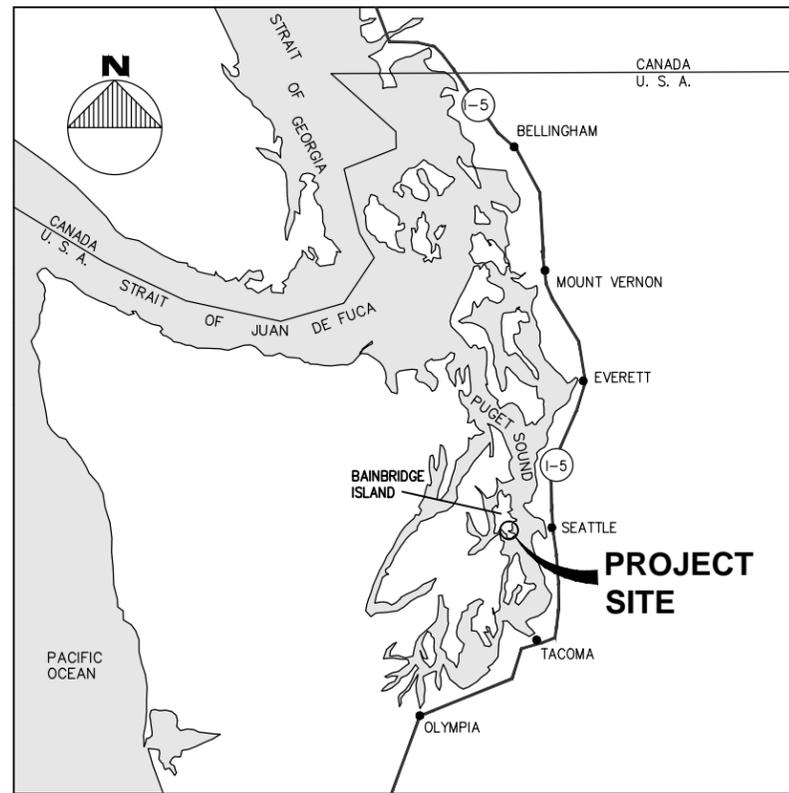
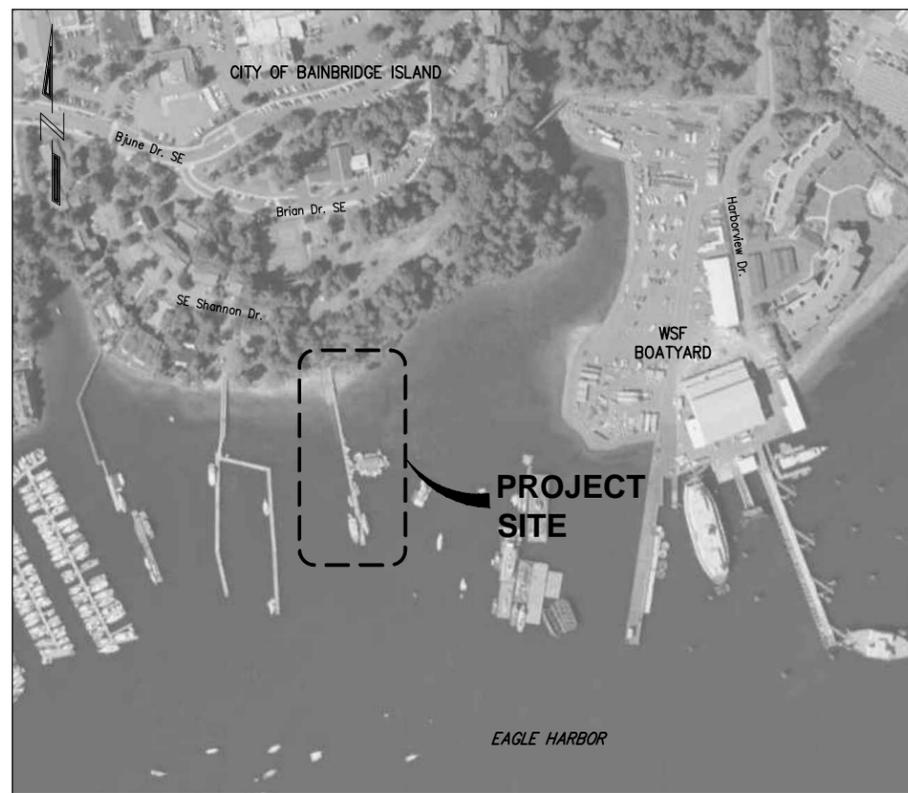


# CITY OF BAINBRIDGE ISLAND

## WATERFRONT DOCK RENOVATION



VICINITY MAP



SITE MAP

| SHEET INDEX                   | No. |
|-------------------------------|-----|
| TITLE SHEET AND INDEX         | 1   |
| EXISTING SITE PLAN            | 2   |
| EXISTING SITE DEMOLITION PLAN | 3   |
| EXISTING DOCK DEMOLITION PLAN | 4   |
| PROPOSED PLAN AND PROFILE     | 5   |
| DETAILS                       | 6   |
| BOARDING FLOAT DETAILS        | 7   |
| MOORING FLOAT DETAILS         | 8   |
| LOW FREEBOARD FLOAT DETAILS   | 9   |

**DATUM**  
ELEVATION DATUM FOR THIS PROJECT IS 0.0' MEAN LOWER LOW WATER (MLLW)

**TIDAL DATA**  
BASED ON WASHINGTON DEPARTMENT OF ECOLOGY'S PUBLICATION "WASHINGTON STATE TIDAL AND TERRESTRIAL DATUM PLANES", DATED SEPTEMBER 1994. THE RELATIONSHIP BETWEEN NGVD 1929 AND MLLW DATUMS FOR PORT BLAKELY, NORTH PUGET SOUND IS AS FOLLOWS:

|                                      |         |
|--------------------------------------|---------|
| HIGHEST RECORDED TIDE ESTIMATE (EHW) | +15.00' |
| MEAN HIGHER HIGH WATER (MHHW)        | +11.50' |
| MEAN HIGH WATER (MHW)                | +10.60' |
| N.G.V.D. 1929                        | +6.12   |
| MEAN LOW WATER (MLW)                 | +2.80   |
| MEAN LOWER LOW WATER (MLLW)          | 0.00'   |
| LOWEST RECORDED TIDE (ESTIMATED)     | -4.50'  |

12/4/2014 C:\PW\CAPITAL\_PROJECTS\ACTIVE\2014 CAPITAL WATERFRONT PARK\_00637\5.0 DESIGN PHASE\30% DESIGN\PND\134074.01-01.DWG

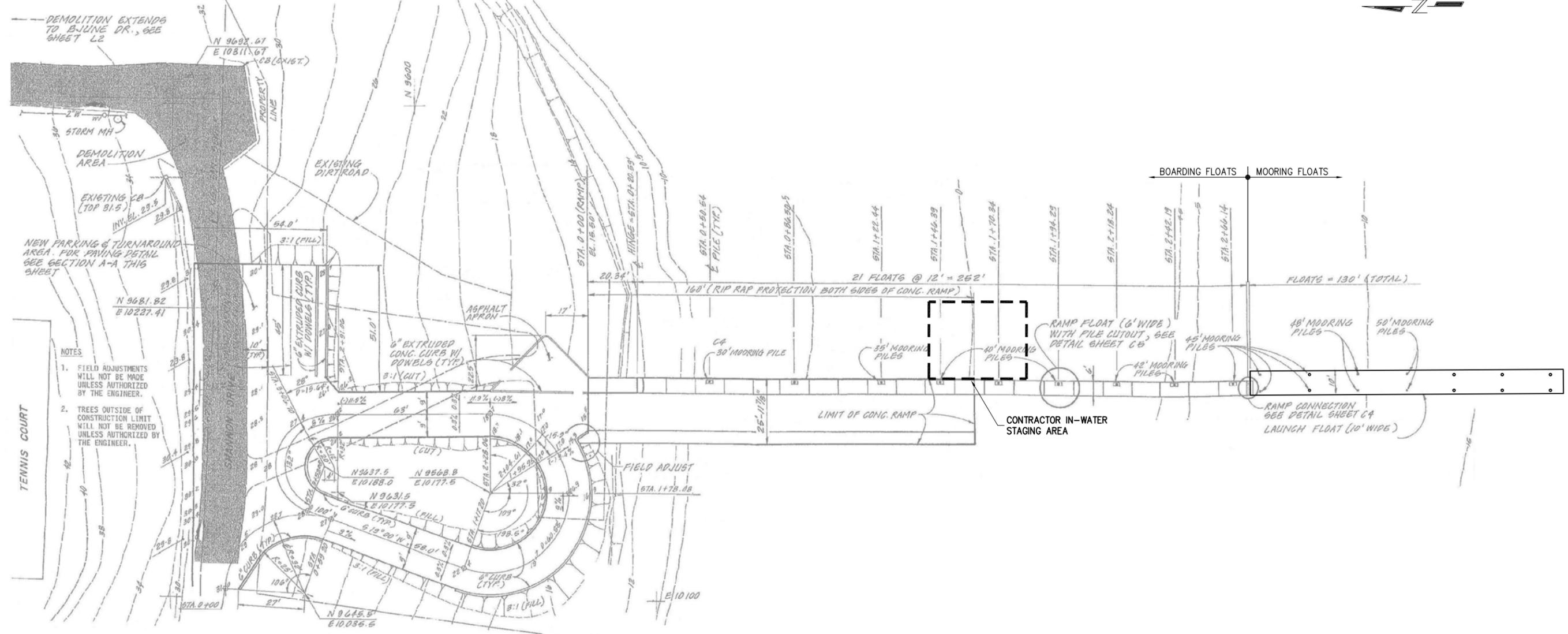
**PND ENGINEERS, INC.**  
1736 Fourth Avenue S. Suite A  
Seattle, Washington 98134  
Phone: 206-624-1387  
Fax: 206-624-1388  
mail@pndengineers.com

PND ENGINEERS, INC. IS NOT RESPONSIBLE FOR SAFETY PROGRAMS, METHODS OR PROCEDURES OF OPERATION, OR THE CONSTRUCTION OF THE DESIGN SHOWN ON THESE DRAWINGS. WHERE SPECIFICATIONS ARE GENERAL OR NOT CALLED OUT, THE SPECIFICATIONS SHALL CONFORM TO STANDARDS OF INDUSTRY. DRAWINGS ARE FOR USE ON THIS PROJECT ONLY AND ARE NOT INTENDED FOR REUSE WITHOUT WRITTEN APPROVAL FROM PND. DRAWINGS ARE ALSO NOT TO BE USED IN ANY MANNER THAT WOULD CONSTITUTE A DETRIMENT DIRECTLY OR INDIRECTLY TO PND.

| REVISIONS |      |             |
|-----------|------|-------------|
| REV       | DATE | DESCRIPTION |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |

|  |                       |           |  |
|--|-----------------------|-----------|--|
| PROJECT: <b>CITY OF BAINBRIDGE ISLAND WATERFRONT DOCK RENOVATION</b> |                       |           |  |
| TITLE: <b>TITLE SHEET AND INDEX</b>                                  |                       |           |  |
| DESIGNED BY: NA  | PROJECT NO: 134074.01 | SHEET NO: |  |
| DRAWN BY: DM   | DATE: JUNE 2014       | 1 OF 9    |  |
| CHECKED BY:  | SCALE:                | NOTED     |  |

12/14/2014 G:\PW\CAPITAL\_PROJECTS\ACTIVE\2014 CAPITAL WATERFRONT PARK\_00637\5.0 DESIGN PHASE\30% DESIGN\30% DESIGN-PND\134074.01-02.DWG



- NOTES**
1. FIELD ADJUSTMENTS WILL NOT BE MADE UNLESS AUTHORIZED BY THE ENGINEER.
  2. TREES OUTSIDE OF CONSTRUCTION LIMIT WILL NOT BE REMOVED UNLESS AUTHORIZED BY THE ENGINEER.



**NOTE:**  
EXISTING SITE PLAN DRAWING IS TAKEN FROM REID MIDDLETON & ASSOCIATES CITY OF WINSLOW - WATERFRONT PARK IMPROVEMENT DRAWING C3 (DECEMBER, 1985). ACTUAL SITE LOCATIONS MAY VARY.

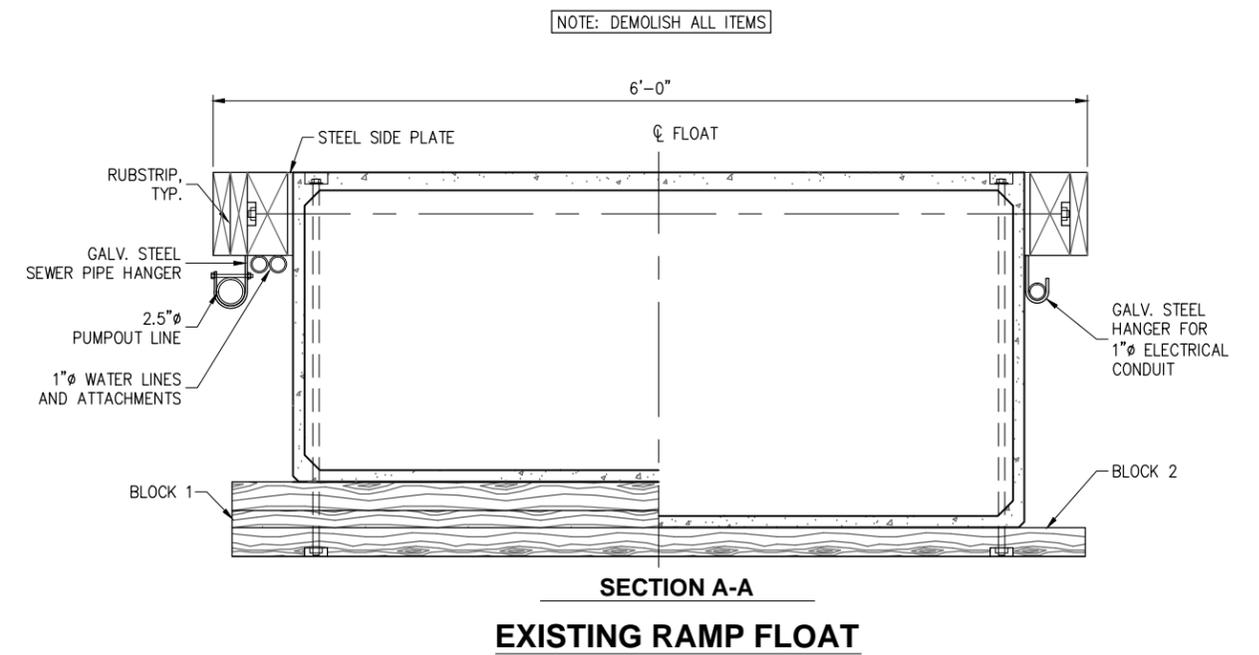
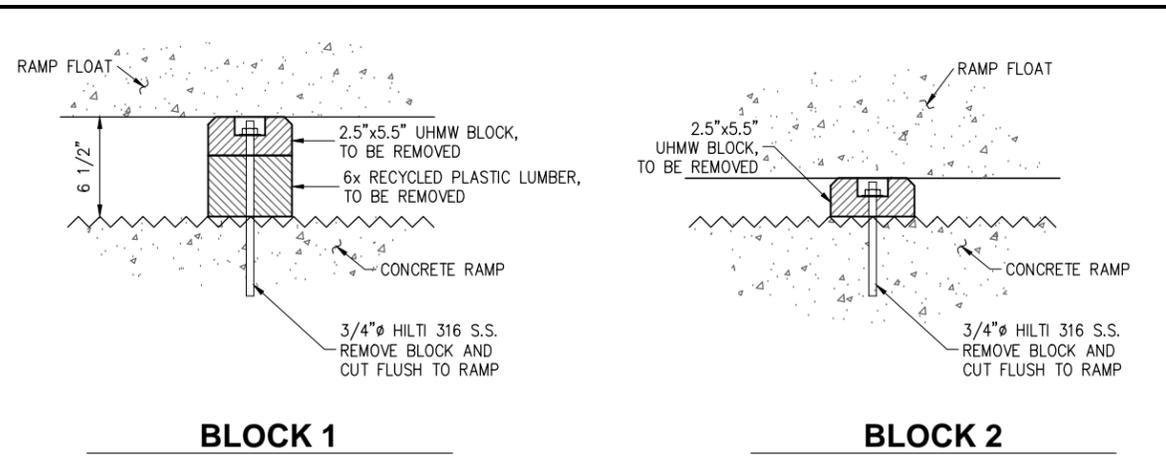
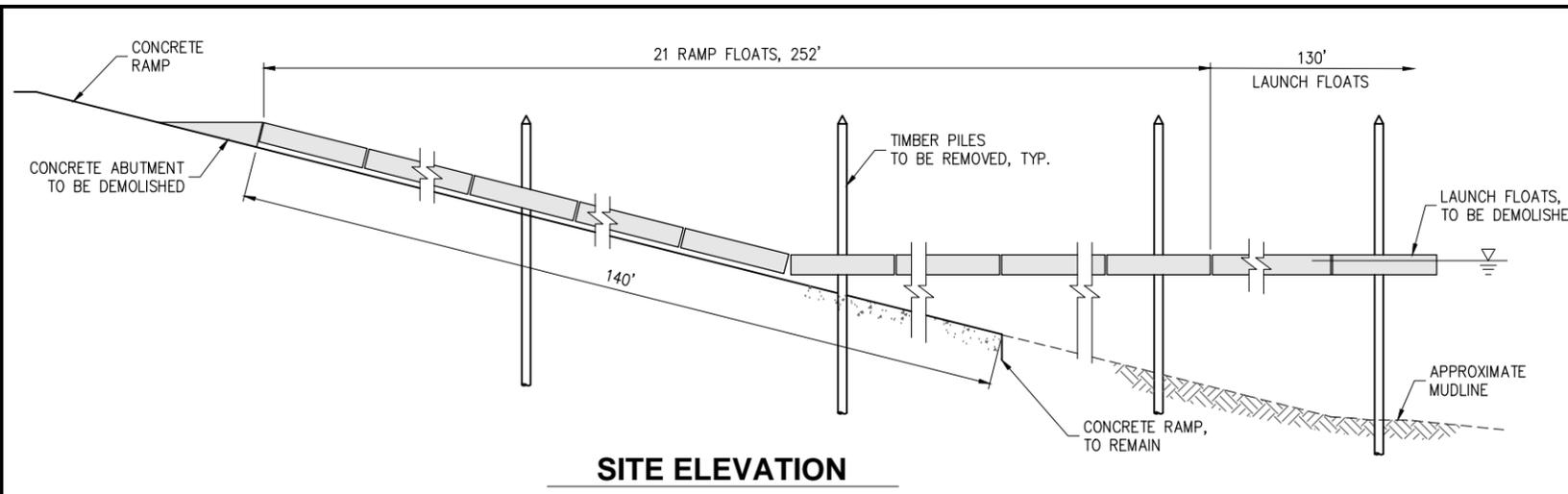
**PND ENGINEERS, INC.**  
1736 Fourth Avenue S, Suite A  
Seattle, Washington 98134  
Phone: 206-624-1387  
Fax: 206-624-1388  
mail@pndengineers.com

PND ENGINEERS, INC. IS NOT RESPONSIBLE FOR SAFETY PROGRAMS, METHODS OR PROCEDURES OF OPERATION, OR THE CONSTRUCTION OF THE DESIGN SHOWN ON THESE DRAWINGS. WHERE SPECIFICATIONS ARE GENERAL OR NOT CALLED OUT, THE SPECIFICATIONS SHALL CONFORM TO STANDARDS OF INDUSTRY. DRAWINGS ARE FOR USE ON THIS PROJECT ONLY AND ARE NOT INTENDED FOR REUSE WITHOUT WRITTEN APPROVAL FROM PND. DRAWINGS ARE ALSO NOT TO BE USED IN ANY MANNER THAT WOULD CONSTITUTE A DETRIMENT DIRECTLY OR INDIRECTLY TO PND.

| REVISIONS |      |             |
|-----------|------|-------------|
| REV       | DATE | DESCRIPTION |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |

|   |    |             |               |
|---|----|-------------|---------------|
| <b>PROJECT:</b>   |    |             |               |
| <b>CITY OF BAINBRIDGE ISLAND<br/>WATERFRONT DOCK RENOVATION</b> |    |             |               |
| <b>TITLE:</b>   |    |             |               |
| <b>EXISTING SITE PLAN</b>                                       |    |             |               |
| DESIGNED BY:  | NA | PROJECT NO: | 134074.01     |
| DRAWN BY:   | DM | DATE:       | JUNE 2014     |
| CHECKED BY:   |    | SCALE:      | NOTED         |
| SHEET NO:   |    |             | <b>2 OF 9</b> |

12/14/2014 G:\PW\CAPITAL\_PROJECTS\ACTIVE\2014 CAPITAL WATERFRONT PARK\_00637\5.0 DESIGN PHASE\30% DESIGN\30% DESIGN-PND\134074.01-03.DWG



**PND ENGINEERS, INC.**

1736 Fourth Avenue S. Suite A  
Seattle, Washington 98134  
Phone: 206-624-1387  
Fax: 206-624-1388  
mail@pndengineers.com

PND ENGINEERS, INC. IS NOT RESPONSIBLE FOR SAFETY PROGRAMS, METHODS OR PROCEDURES OF OPERATION, OR THE CONSTRUCTION OF THE DESIGN SHOWN ON THESE DRAWINGS. WHERE SPECIFICATIONS ARE GENERAL OR NOT CALLED OUT, THE SPECIFICATIONS SHALL CONFORM TO STANDARDS OF INDUSTRY. DRAWINGS ARE FOR USE ON THIS PROJECT ONLY AND ARE NOT INTENDED FOR REUSE WITHOUT WRITTEN APPROVAL FROM PND. DRAWINGS ARE ALSO NOT TO BE USED IN ANY MANNER THAT WOULD CONSTITUTE A DETRIMENT DIRECTLY OR INDIRECTLY TO PND.

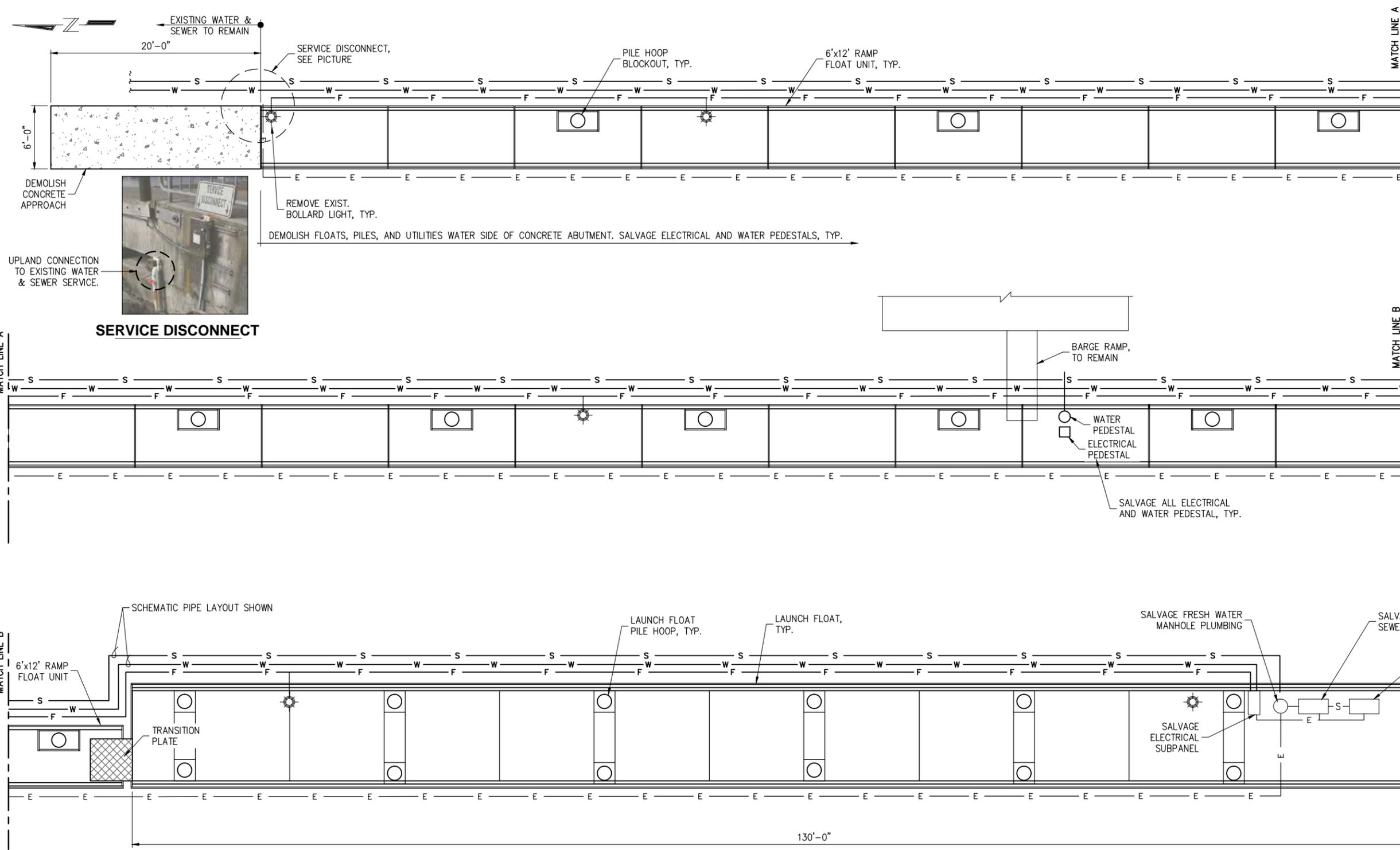
| REVISIONS |      |             |
|-----------|------|-------------|
| REV       | DATE | DESCRIPTION |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |

**PROJECT: CITY OF BAINBRIDGE ISLAND WATERFRONT DOCK RENOVATION**

**TITLE: EXISTING SITE DEMOLITION PLAN**

|                 |                       |                  |
|-----------------|-----------------------|------------------|
| DESIGNED BY: NA | PROJECT NO: 134074.01 | SHEET NO: 3 OF 9 |
| DRAWN BY: DM    | DATE: JUNE 2014       |                  |
| CHECKED BY:     | SCALE: NOTED          |                  |

12/14/2014 G:\PW\CAPITAL\_PROJECTS\ACTIVE\2014 CAPITAL WATERFRONT PARK\_00637\5.0 DESIGN PHASE\30% DESIGN\30% DESIGN-PND\134074.01-04.DWG



**LEGEND**

|       |            |
|-------|------------|
| — S — | SEWER      |
| — W — | WATER      |
| — E — | ELECTRICAL |
| — F — | FIRE       |



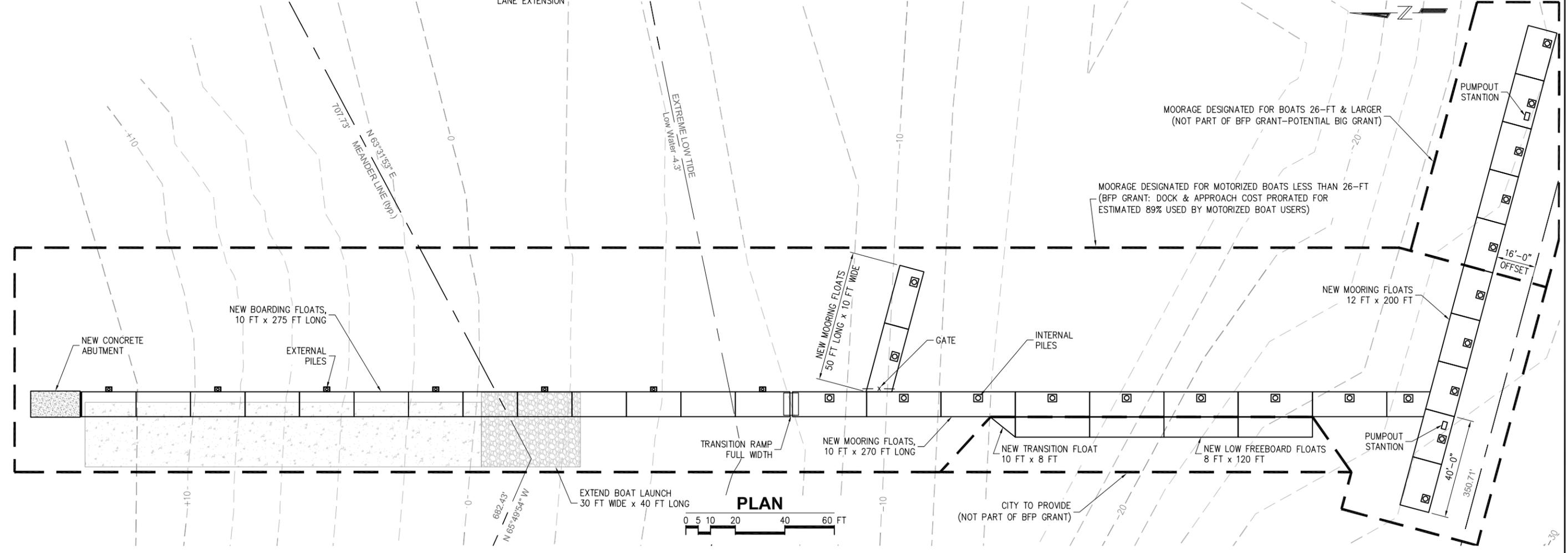
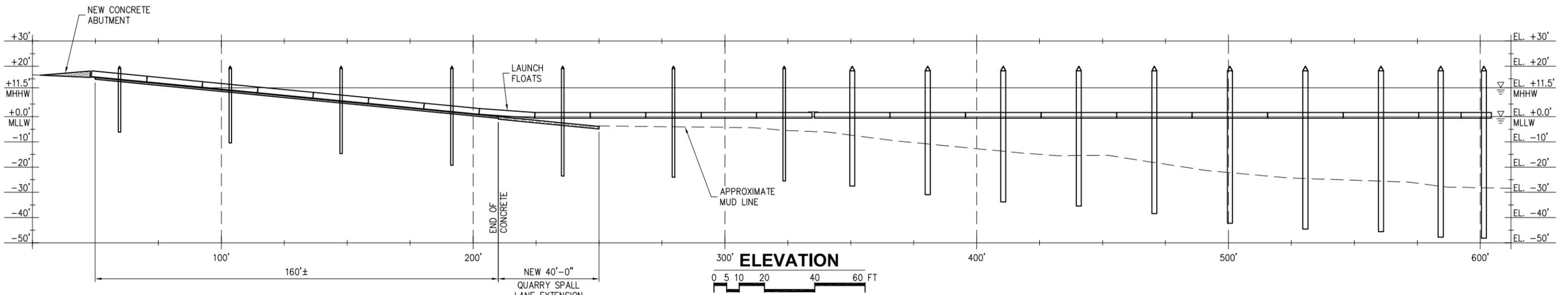
1736 Fourth Avenue S. Suite A  
Seattle, Washington 98134  
Phone: 206-624-1387  
Fax: 206-624-1388  
mail@pndengineers.com

PND ENGINEERS, INC. IS NOT RESPONSIBLE FOR SAFETY PROGRAMS, METHODS OR PROCEDURES OF OPERATION, OR THE CONSTRUCTION OF THE DESIGN SHOWN ON THESE DRAWINGS. WHERE SPECIFICATIONS ARE GENERAL OR NOT CALLED OUT, THE SPECIFICATIONS SHALL CONFORM TO STANDARDS OF INDUSTRY. DRAWINGS ARE FOR USE ON THIS PROJECT ONLY AND ARE NOT INTENDED FOR REUSE WITHOUT WRITTEN APPROVAL FROM PND. DRAWINGS ARE ALSO NOT TO BE USED IN ANY MANNER THAT WOULD CONSTITUTE A DETRIMENT DIRECTLY OR INDIRECTLY TO PND.

| REVISIONS |      |             |
|-----------|------|-------------|
| REV       | DATE | DESCRIPTION |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |

|  |                       |                  |  |
|--|-----------------------|------------------|--|
| PROJECT: <b>CITY OF BAINBRIDGE ISLAND WATERFRONT DOCK RENOVATION</b> |                       |                  |  |
| TITLE: <b>EXISTING DOCK DEMOLISH PLAN</b>                            |                       |                  |  |
| DESIGNED BY: NA  | PROJECT NO: 134074.01 | SHEET NO: 4 OF 9 |  |
| DRAWN BY: DM   | DATE: JUNE 2014       | NOTED            |  |
| CHECKED BY:  | SCALE:                | NOTED            |  |

12/4/2014 G:\PW\CAPITAL\_PROJECTS\ACTIVE\2014 CAPITAL WATERFRONT PARK\_00637\5.0 DESIGN PHASE\30% DESIGN\30% DESIGN-PND\134074.01-05 - REV 1.DWG



**PND**  
ENGINEERS, INC.

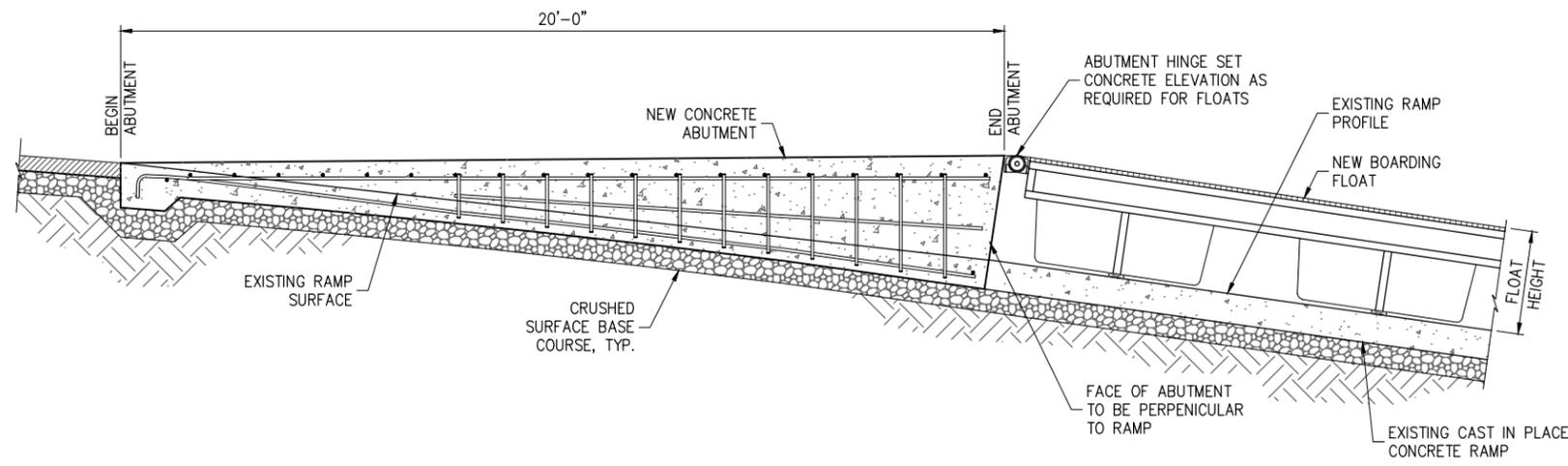
1736 Fourth Avenue S, Suite A  
Seattle, Washington 98134  
Phone: 206-624-1387  
Fax: 206-624-1388  
mail@pndengineers.com

PND ENGINEERS, INC. IS NOT RESPONSIBLE FOR SAFETY PROGRAMS, METHODS OR PROCEDURES OF OPERATION, OR THE CONSTRUCTION OF THE DESIGN SHOWN ON THESE DRAWINGS. WHERE SPECIFICATIONS ARE GENERAL OR NOT CALLED OUT, THE SPECIFICATIONS SHALL CONFORM TO STANDARDS OF INDUSTRY. DRAWINGS ARE FOR USE ON THIS PROJECT ONLY AND ARE NOT INTENDED FOR REUSE WITHOUT WRITTEN APPROVAL FROM PND. DRAWINGS ARE ALSO NOT TO BE USED IN ANY MANNER THAT WOULD CONSTITUTE A DETRIMENT DIRECTLY OR INDIRECTLY TO PND.

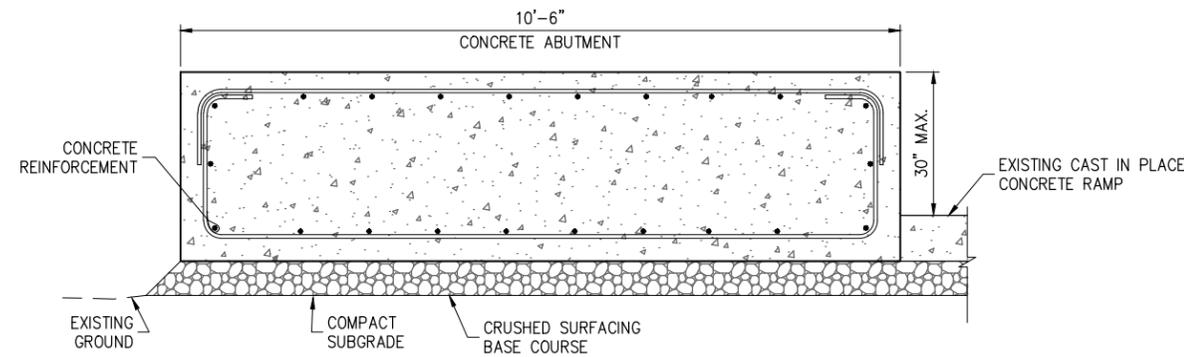
| REVISIONS |      |             |
|-----------|------|-------------|
| REV       | DATE | DESCRIPTION |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |

|  |                       |                         |  |
|--|-----------------------|-------------------------|--|
| PROJECT: <b>CITY OF BAINBRIDGE ISLAND WATERFRONT DOCK RENOVATION</b> |                       |                         |  |
| TITLE: <b>PROPOSED PLAN AND PROFILE</b>                              |                       |                         |  |
| DESIGNED BY: NA  | PROJECT NO: 134074.01 | SHEET NO: <b>5 OF 9</b> |  |
| DRAWN BY: DM   | DATE: JUNE 2014       | NOTED                   |  |
| CHECKED BY:  | SCALE:                | NOTED                   |  |

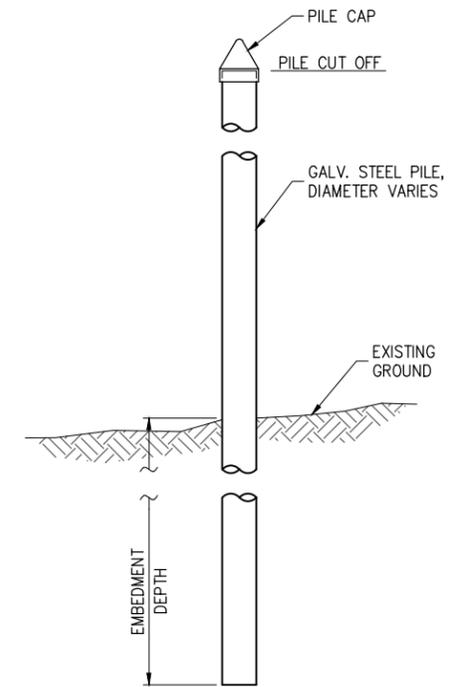
12/4/2014 C:\PW\CAPITAL\_PROJECTS\ACTIVE\2014 CAPITAL WATERFRONT PARK\_00637\5.0 DESIGN PHASE\30% DESIGN\30% DESIGN-PND\134074.01-06.DWG



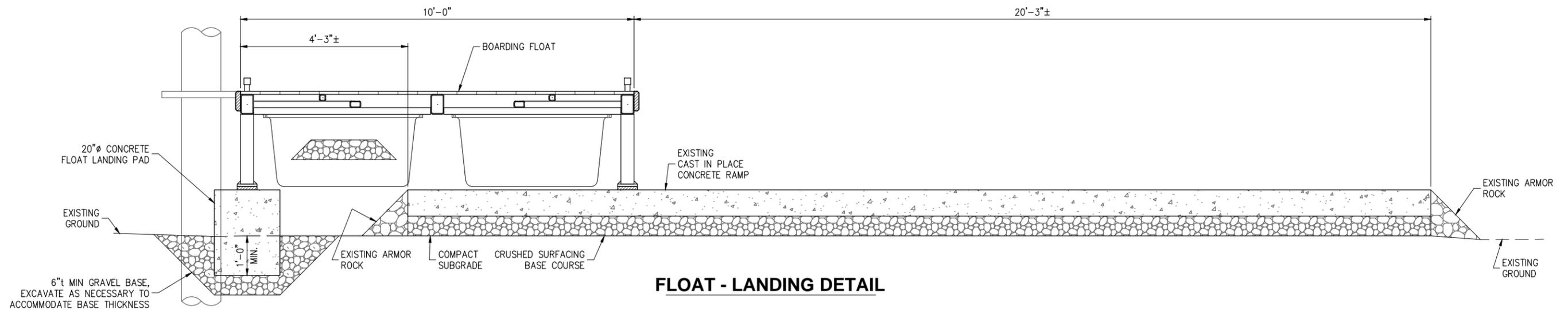
**ABUTMENT PROFILE**



**ABUTMENT SECTION**



**BOARDING AND MOORING  
FLOAT PILE**



**FLOAT - LANDING DETAIL**

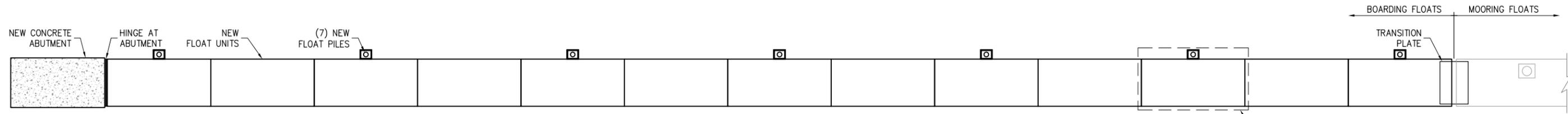
**PND**  
ENGINEERS, INC.  
1736 Fourth Avenue S. Suite A  
Seattle, Washington 98134  
Phone: 206-624-1387  
Fax: 206-624-1388  
mail@pndengineers.com

PND ENGINEERS, INC. IS NOT RESPONSIBLE FOR SAFETY PROGRAMS, METHODS OR PROCEDURES OF OPERATION, OR THE CONSTRUCTION OF THE DESIGN SHOWN ON THESE DRAWINGS. WHERE SPECIFICATIONS ARE GENERAL OR NOT CALLED OUT, THE SPECIFICATIONS SHALL CONFORM TO STANDARDS OF INDUSTRY. DRAWINGS ARE FOR USE ON THIS PROJECT ONLY AND ARE NOT INTENDED FOR REUSE WITHOUT WRITTEN APPROVAL FROM PND. DRAWINGS ARE ALSO NOT TO BE USED IN ANY MANNER THAT WOULD CONSTITUTE A DETRIMENT DIRECTLY OR INDIRECTLY TO PND.

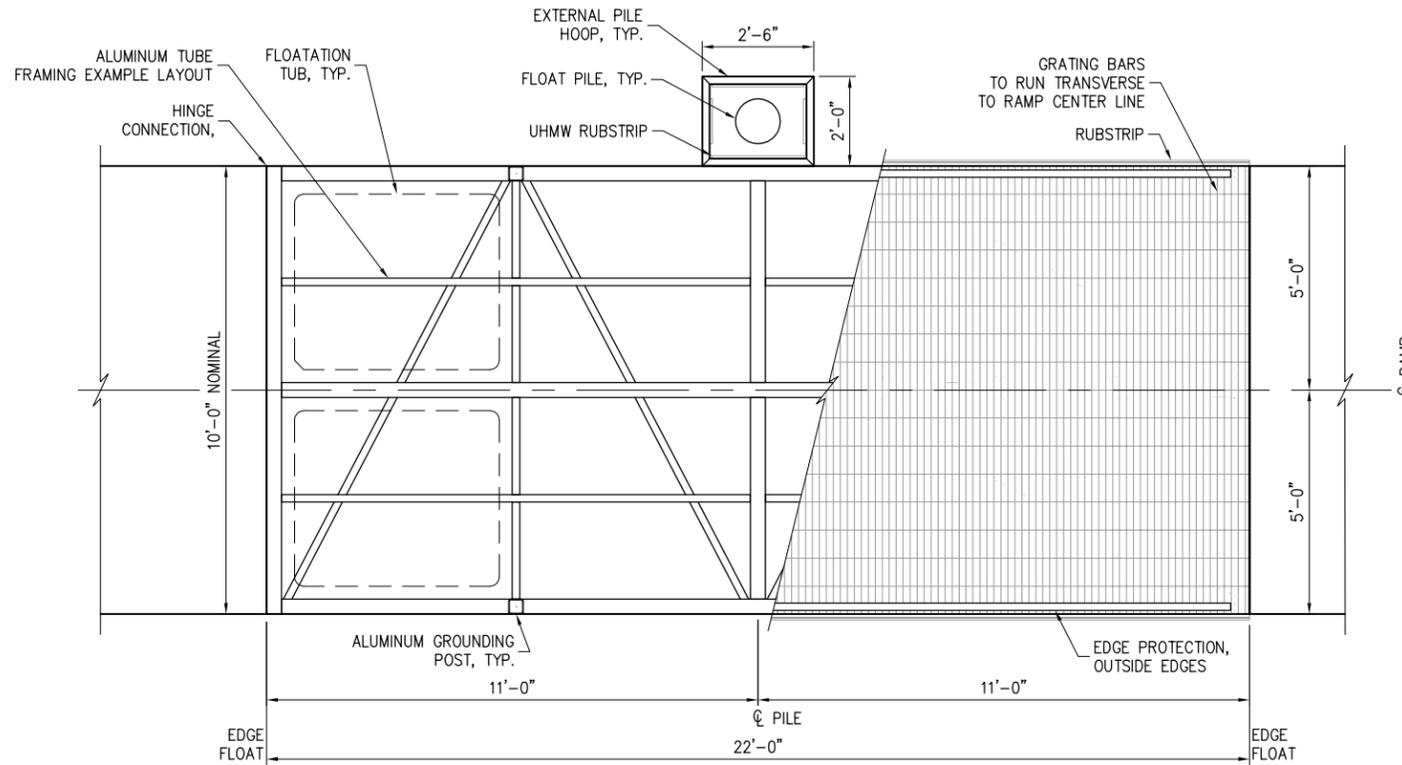
| REVISIONS |      |             |
|-----------|------|-------------|
| REV       | DATE | DESCRIPTION |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |

|  |                       |           |  |
|--|-----------------------|-----------|--|
| PROJECT: <b>CITY OF BAINBRIDGE ISLAND WATERFRONT DOCK RENOVATION</b> |                       |           |  |
| TITLE: <b>DETAILS</b>  |                       |           |  |
| DESIGNED BY: NA  | PROJECT NO: 134074.01 | SHEET NO: |  |
| DRAWN BY: DM   | DATE: JUNE 2014       | 6 OF 9    |  |
| CHECKED BY:  | SCALE:                | NOTED     |  |

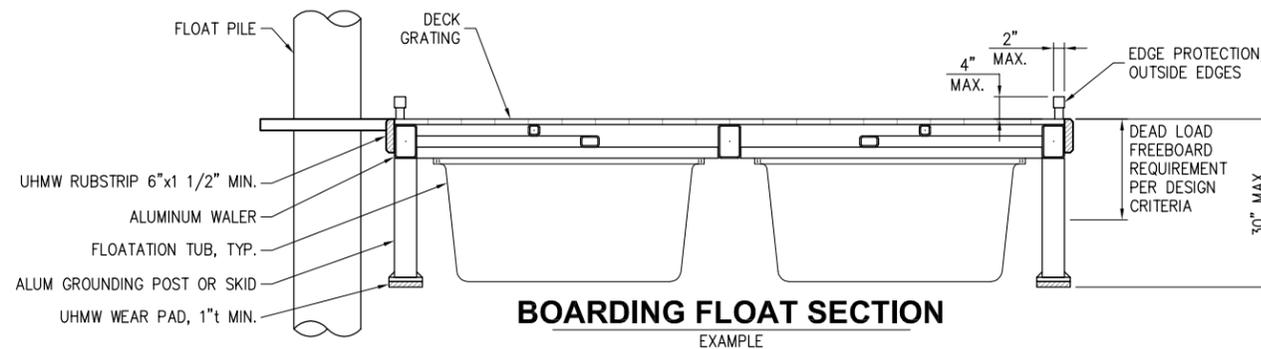
12/4/2014 G:\PW\_CAPITAL\_PROJECTS\ACTIVE\2014 CAPITAL WATERFRONT PARK\_00637\5.0 DESIGN PHASE\30% DESIGN\30% DESIGN-PND\134074.01-07.DWG



**BOARDING FLOAT PLAN**



**BOARDING FLOAT PLAN**



**BOARDING FLOAT SECTION**

**PND**  
ENGINEERS, INC.  
1736 Fourth Avenue S. Suite A  
Seattle, Washington 98134  
Phone: 206-624-1387  
Fax: 206-624-1388  
mail@pndengineers.com

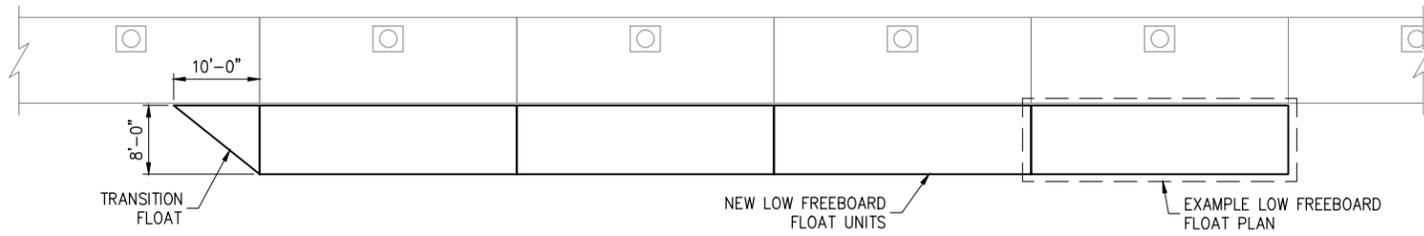
PND ENGINEERS, INC. IS NOT RESPONSIBLE FOR SAFETY PROGRAMS, METHODS OR PROCEDURES OF OPERATION, OR THE CONSTRUCTION OF THE DESIGN SHOWN ON THESE DRAWINGS. WHERE SPECIFICATIONS ARE GENERAL OR NOT CALLED OUT, THE SPECIFICATIONS SHALL CONFORM TO STANDARDS OF INDUSTRY. DRAWINGS ARE FOR USE ON THIS PROJECT ONLY AND ARE NOT INTENDED FOR REUSE WITHOUT WRITTEN APPROVAL FROM PND. DRAWINGS ARE ALSO NOT TO BE USED IN ANY MANNER THAT WOULD CONSTITUTE A DETRIMENT DIRECTLY OR INDIRECTLY TO PND.

| REVISIONS |      |             |
|-----------|------|-------------|
| REV       | DATE | DESCRIPTION |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |

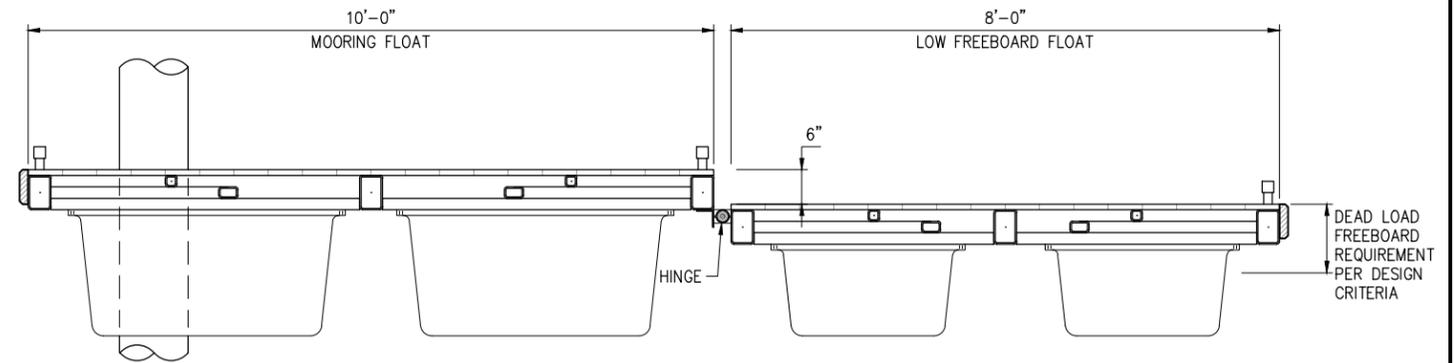
|  |                       |                  |  |
|--|-----------------------|------------------|--|
| PROJECT: <b>CITY OF BAINBRIDGE ISLAND WATERFRONT DOCK RENOVATION</b> |                       |                  |  |
| TITLE: <b>BOARDING FLOAT DETAILS</b>                                 |                       |                  |  |
| DESIGNED BY: NA  | PROJECT NO: 134074.01 | SHEET NO: 7 OF 9 |  |
| DRAWN BY: DM   | DATE: JUNE 2014       |                  |  |
| CHECKED BY: NOTED  | SCALE: NOTED          |                  |  |



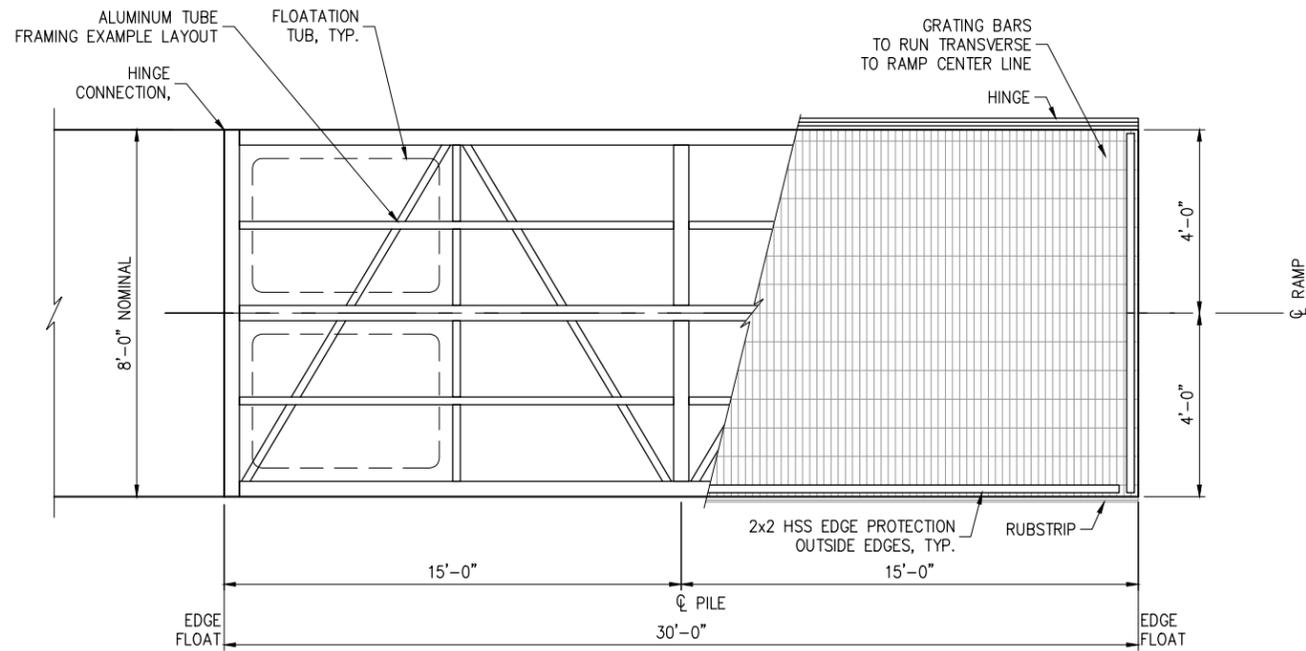
12/4/2014 C:\PW\CAPITAL\_PROJECTS\ACTIVE\2014 CAPITAL WATERFRONT PARK\_00637\5.0 DESIGN PHASE\30% DESIGN\PND\134074.01-09.DWG



**LOW FREEBOARD FLOAT PLAN**

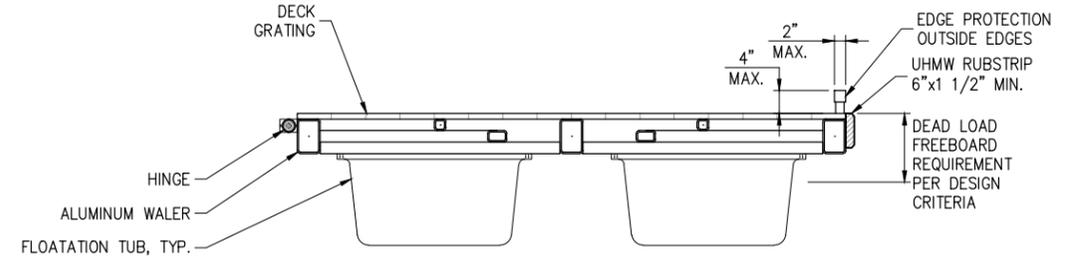


**LOW FREEBOARD FLOAT SECTION**



**LOW FREEBOARD FLOAT PLAN**

EXAMPLE



**LOW FREEBOARD FLOAT SECTION**

EXAMPLE

**PND ENGINEERS, INC.**  
 1736 Fourth Avenue S. Suite A  
 Seattle, Washington 98134  
 Phone: 206-624-1387  
 Fax: 206-624-1388  
 mail@pndengineers.com

PND ENGINEERS, INC. IS NOT RESPONSIBLE FOR SAFETY PROGRAMS, METHODS OR PROCEDURES OF OPERATION, OR THE CONSTRUCTION OF THE DESIGN SHOWN ON THESE DRAWINGS. WHERE SPECIFICATIONS ARE GENERAL OR NOT CALLED OUT, THE SPECIFICATIONS SHALL CONFORM TO STANDARDS OF INDUSTRY. DRAWINGS ARE FOR USE ON THIS PROJECT ONLY AND ARE NOT INTENDED FOR REUSE WITHOUT WRITTEN APPROVAL FROM PND. DRAWINGS ARE ALSO NOT TO BE USED IN ANY MANNER THAT WOULD CONSTITUTE A DETRIMENT DIRECTLY OR INDIRECTLY TO PND.

| REVISIONS |      |             |
|-----------|------|-------------|
| REV       | DATE | DESCRIPTION |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |
|           |      |             |

**CITY OF BAINBRIDGE ISLAND WATERFRONT DOCK RENOVATION**

|  |    |             |                                   |
|--|----|-------------|-----------------------------------|
| TITLE:<br><b>LOW FREEBOARD FLOAT DETAILS</b> |    |             |                                   |
| DESIGNED BY:                                 | NA | PROJECT NO: | 134074.01                         |
| DRAWN BY:                                    | DM | DATE:       | JUNE 2014                         |
| CHECKED BY:                                  |    | SCALE:      | NOTED                             |
|  |    |             | SHEET NO:<br><b>9</b> OF <b>9</b> |