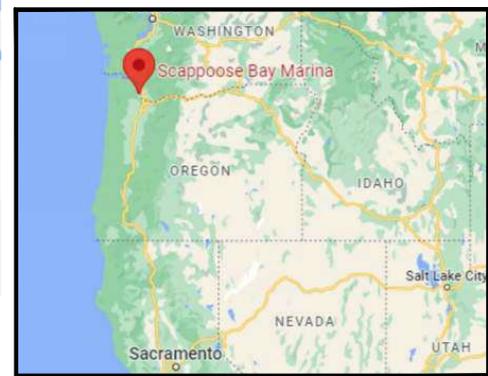
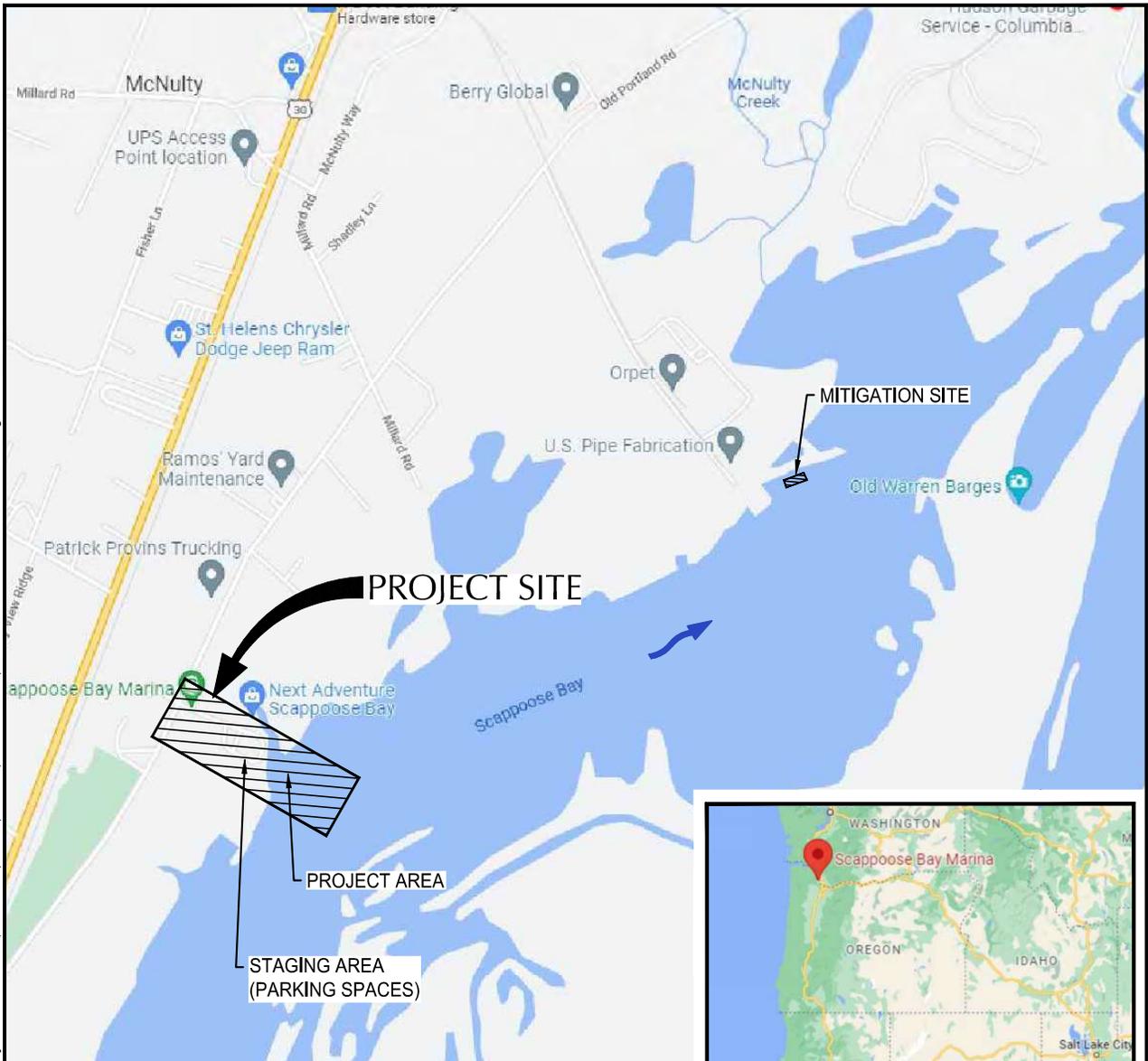
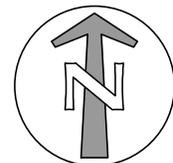
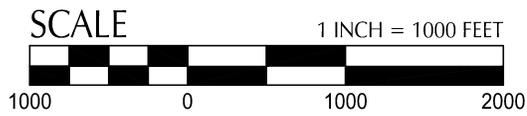


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 8/5/19rc



LOCATED AT (45.828808, -122.839356)  
 SEC 17, T4N, R1W

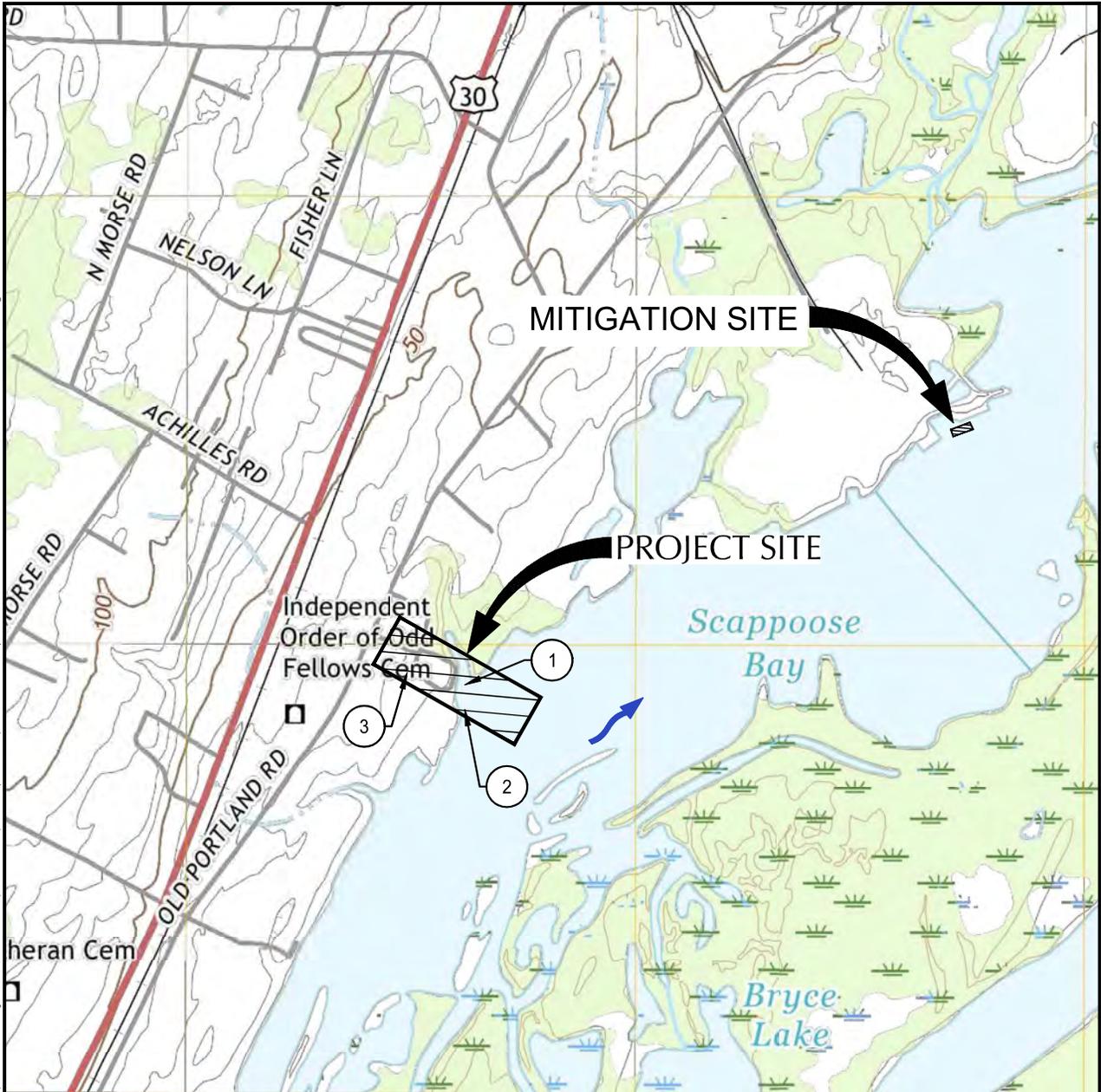
← FLOW ARROW



 111 SW Fifth Ave, Suite 2900 Portland, OR 97204 O: 503.254.2860 F: 503.274.4681 www.kpff.com	SCALE: 1"=1000' JOB NO.: 2000399	TITLE: VICINITY MAP	SHEET NO.: Figure 1
	DATE: 12/27/2022	PROJECT: SCAPPOOSE BAY MARINA BOAT RAMP & PIER APPLICANT: PORT OF COLUMBIA COUNTY	REFERENCE SHEET NO.:

Plotted: 1/31/23 at 4:15pm By: hjames

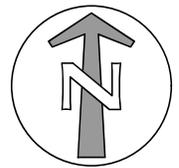
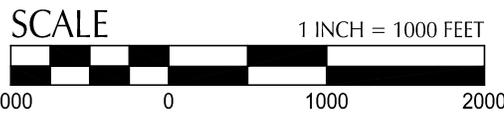
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 8/5/19rc



**(X) KEY NOTES**

1. BOAT RAMP REPLACEMENT
2. PIER AND GANGWAY REPLACEMENT
3. STAGING AREA IN MARINA PARKING LOT

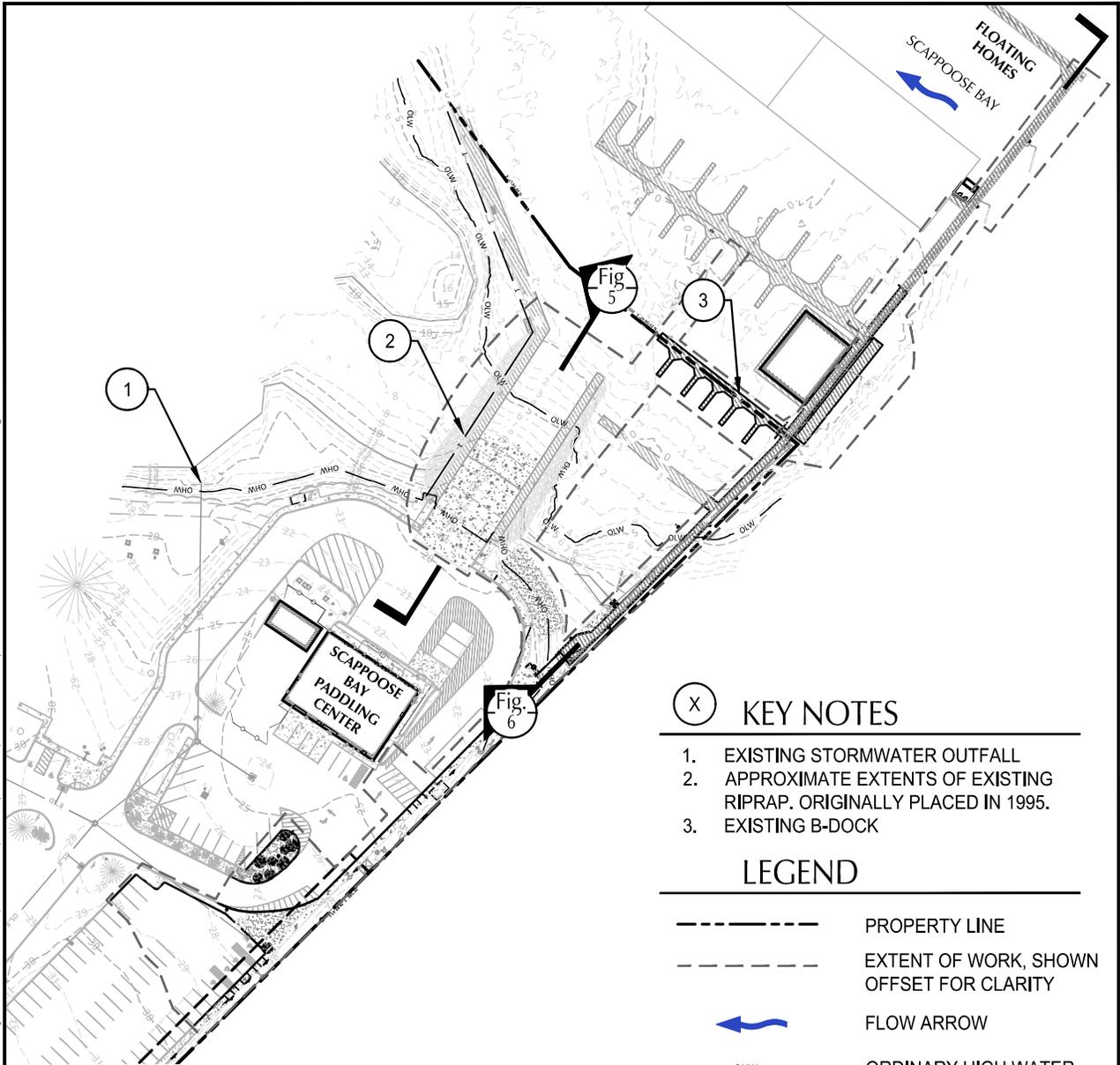
FLOW ARROW



<p style="font-size: 8px;">111 SW Fifth Ave., Suite 2900 Portland, OR 97204 O: 503-243-2860 F: 503-274-4681 www.kpff.com</p>	SCALE: 1"=1000'	TITLE: USGS TOPOGRAPHIC MAP	SHEET NO.: Figure 2
	JOB NO.: 2000399	PROJECT: SCAPPOOSE BAY MARINA BOAT RAMP & PIER APPLICANT: PORT OF COLUMBIA COUNTY	REFERENCE SHEET NO.:
DATE: 12/28/2022			

Plotted: 2/1/23 at 9:52am By: hjames

File: N:\c\p\2020\2000399-scappoose-bay-marina-imprvmts\CAD\LOT\ENV-EXH\2000399-20-ENV-EXC.dwg TAB: C2.0  
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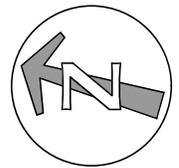


**(X) KEY NOTES**

1. EXISTING STORMWATER OUTFALL
2. APPROXIMATE EXTENTS OF EXISTING RIPRAP. ORIGINALLY PLACED IN 1995.
3. EXISTING B-DOCK

**LEGEND**

- PROPERTY LINE
- EXTENT OF WORK, SHOWN OFFSET FOR CLARITY
- FLOW ARROW
- ORDINARY HIGH WATER
- ORDINARY LOW WATER

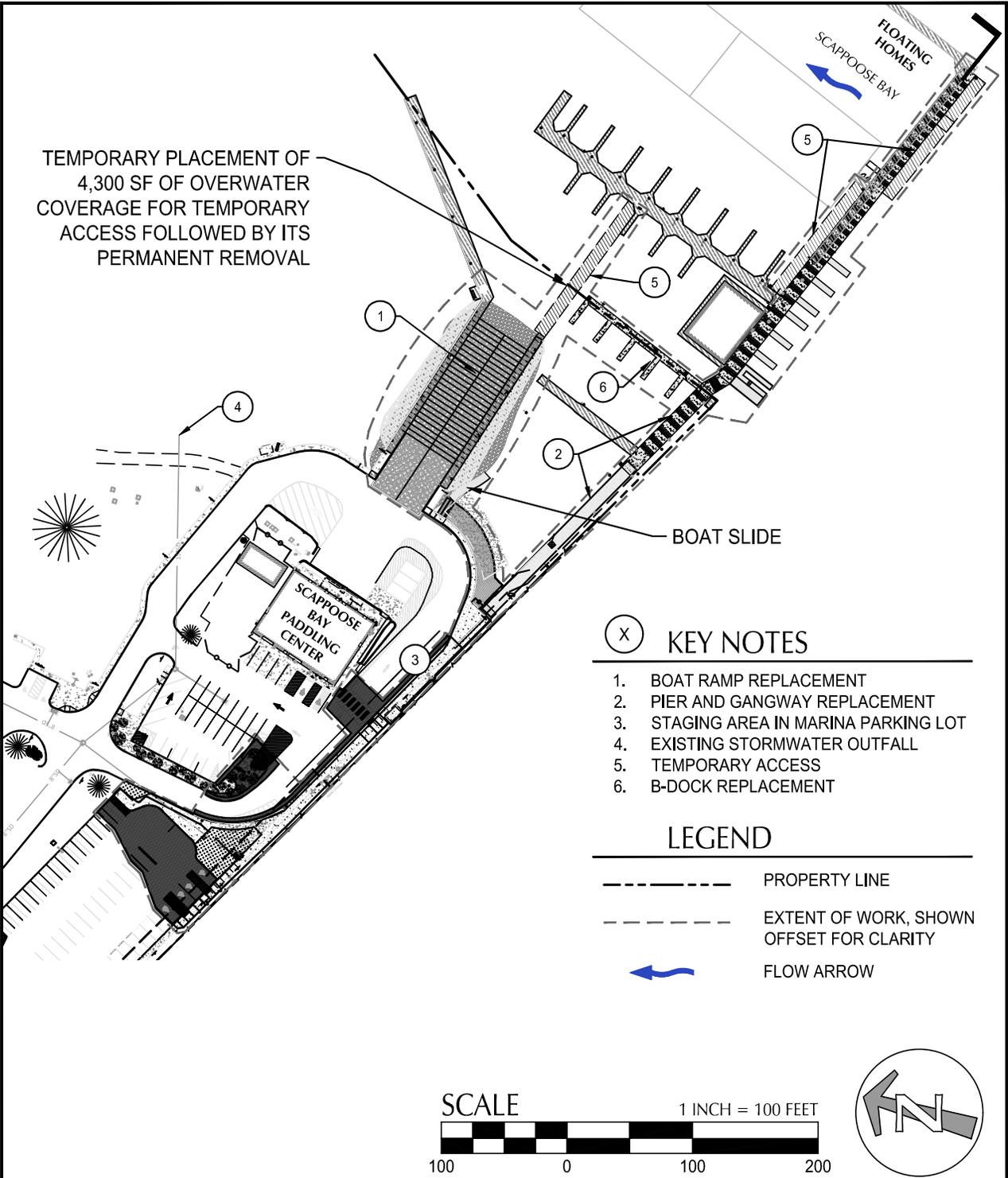


	SCALE: 1"=100'	TITLE: <b>EXISTING CONDITIONS</b>	SHEET NO.: <b>Figure 5</b>
	JOB NO.: 2000399	PROJECT: SCAPPOOSE BAY MARINA BOAT RAMP & PIER APPLICANT: PORT OF COLUMBIA COUNTY	REFERENCE SHEET NO.:
DATE: 07/16/2024			

Plotted: 7/19/24 at 1:51pm By: hjames

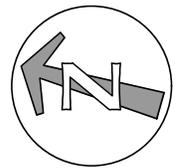
File: N:\c\p\2020\2000399-Scappoose-Bay-Marina-Improvements\CAD\Plot\ENV-EXH\2000399-30-ENV-TEMP.dwg TAB: C3.0  
 B:\MRC

TEMPORARY PLACEMENT OF  
 4,300 SF OF OVERWATER  
 COVERAGE FOR TEMPORARY  
 ACCESS FOLLOWED BY ITS  
 PERMANENT REMOVAL



- (X) KEY NOTES
1. BOAT RAMP REPLACEMENT
  2. PIER AND GANGWAY REPLACEMENT
  3. STAGING AREA IN MARINA PARKING LOT
  4. EXISTING STORMWATER OUTFALL
  5. TEMPORARY ACCESS
  6. B-DOCK REPLACEMENT

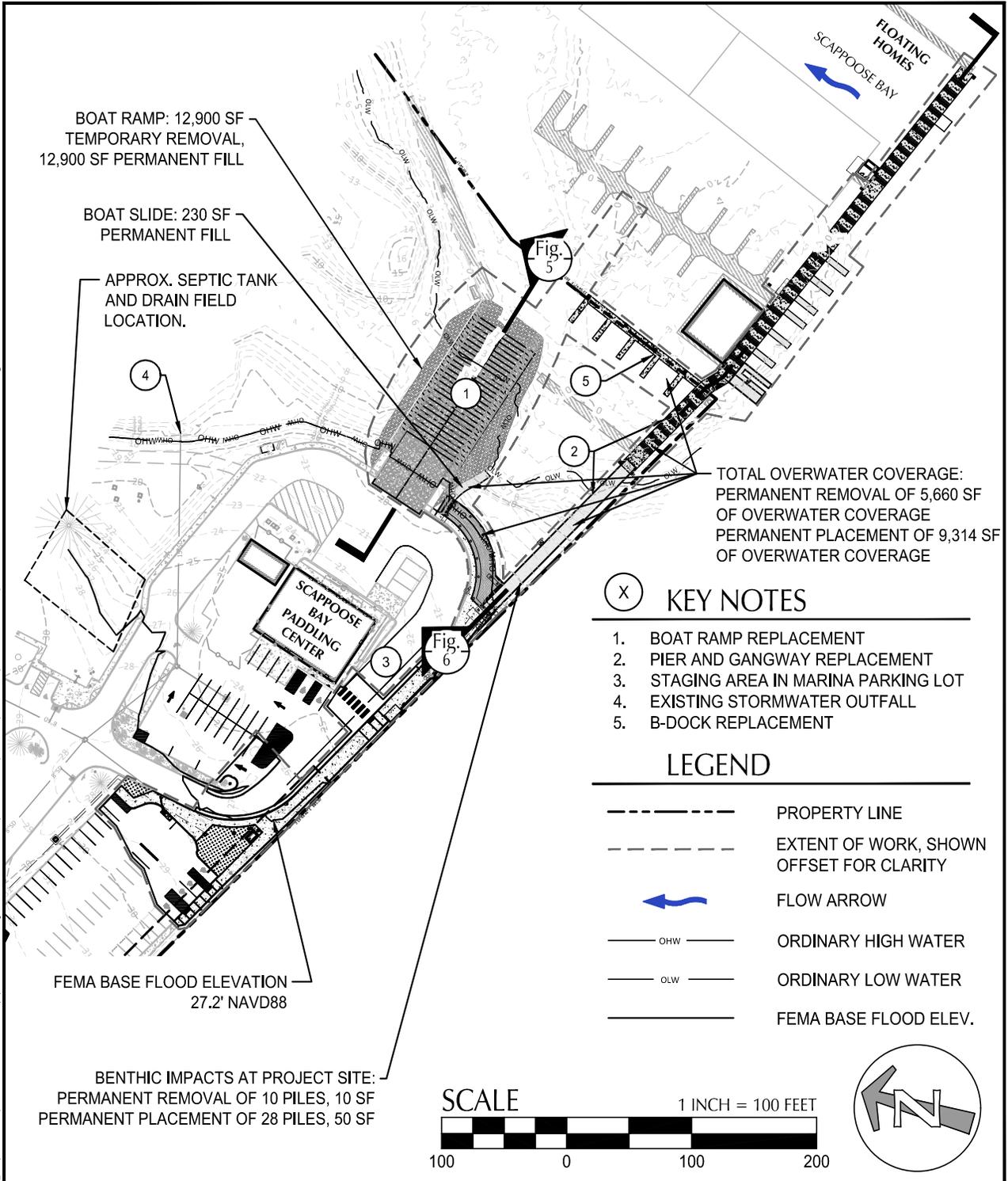
- LEGEND
- PROPERTY LINE
  - EXTENT OF WORK, SHOWN OFFSET FOR CLARITY
  - ← FLOW ARROW



<p>           111 SW Fifth Ave, Suite 2900            Portland, OR 97204            O: 503.254.2860            F: 503.274.4681            www.kpff.com         </p>	SCALE: 1"=100' JOB NO.: 2000399	TITLE: TEMPORARY ACCESS	SHEET NO.: Figure 6
	DATE: 07/16/2024	PROJECT: SCAPPOOSE BAY MARINA BOAT RAMP & PIER APPLICANT: PORT OF COLUMBIA COUNTY	REFERENCE SHEET NO.:

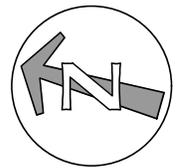
Plotted: 9/30/24 at 10:55am By: hjames

File: N:\c\p\2020\2000399-Scappoose-Bay-Marina-Improvements\CAD\Plot\ENV-EXH\2000399-31-ENV-PROP.dwg TAB: C3.1  
 B:\MRC



- (X) KEY NOTES**
1. BOAT RAMP REPLACEMENT
  2. PIER AND GANGWAY REPLACEMENT
  3. STAGING AREA IN MARINA PARKING LOT
  4. EXISTING STORMWATER OUTFALL
  5. B-DOCK REPLACEMENT

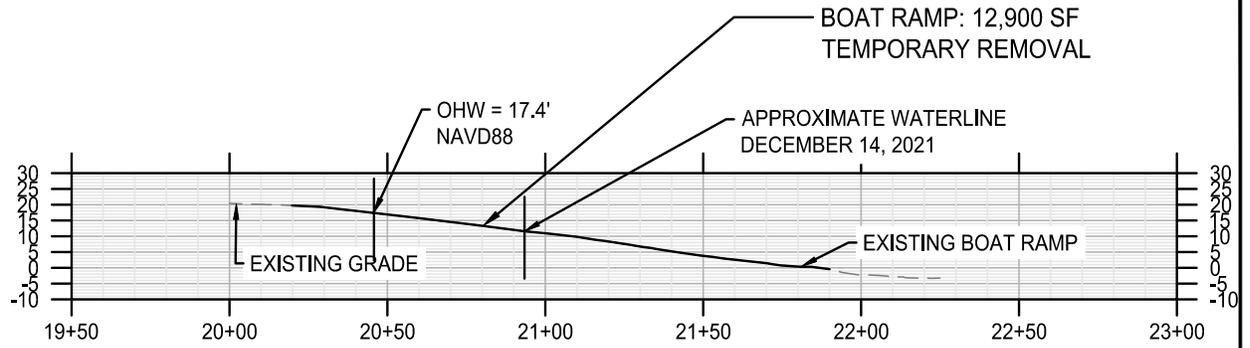
- LEGEND**
- PROPERTY LINE
  - EXTENT OF WORK, SHOWN OFFSET FOR CLARITY
  - FLOW ARROW
  - ORDINARY HIGH WATER
  - ORDINARY LOW WATER
  - FEMA BASE FLOOD ELEV.



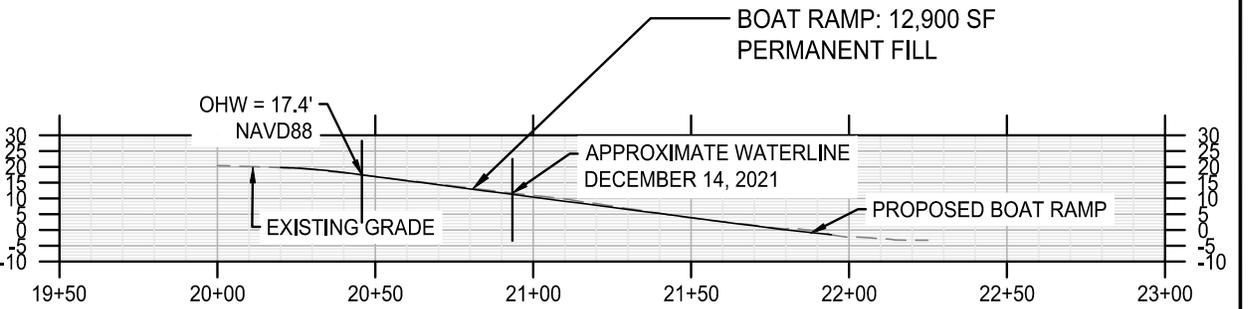
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	DATE: 07/16/2024	PROJECT: SCAPPOOSE BAY MARINA BOAT RAMP & PIER APPLICANT: PORT OF COLUMBIA COUNTY	REFERENCE SHEET NO.:

Plotted: 9/30/24 at 10:57am By: hjames

File: N:\c\p\2020\2000399-scappoose-bay-marina-imprvmts\CAD\LOT\ENV-EXH\2000399-32-ENV-XSECT.dwg TAB: C3.2  
 8.5x11c



**1** **EXISTING BOAT RAMP PROFILE**  
 SCALE: HORZ: 1" = 50'  
 VERT: 1" = 50'



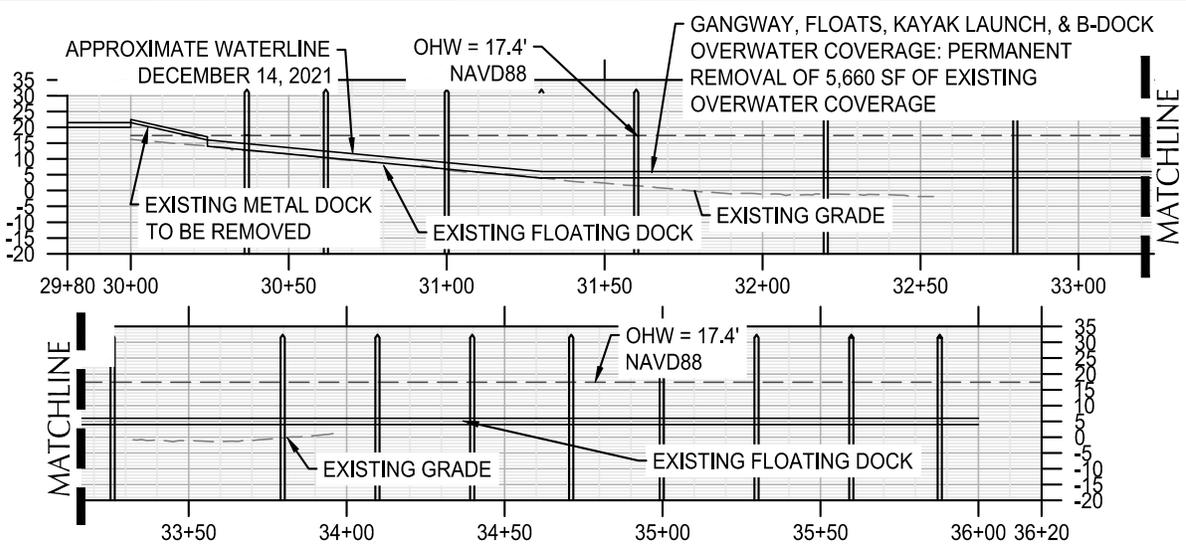
**2** **PROPOSED BOAT RAMP PROFILE**  
 SCALE: HORZ: 1" = 50'  
 VERT: 1" = 50'



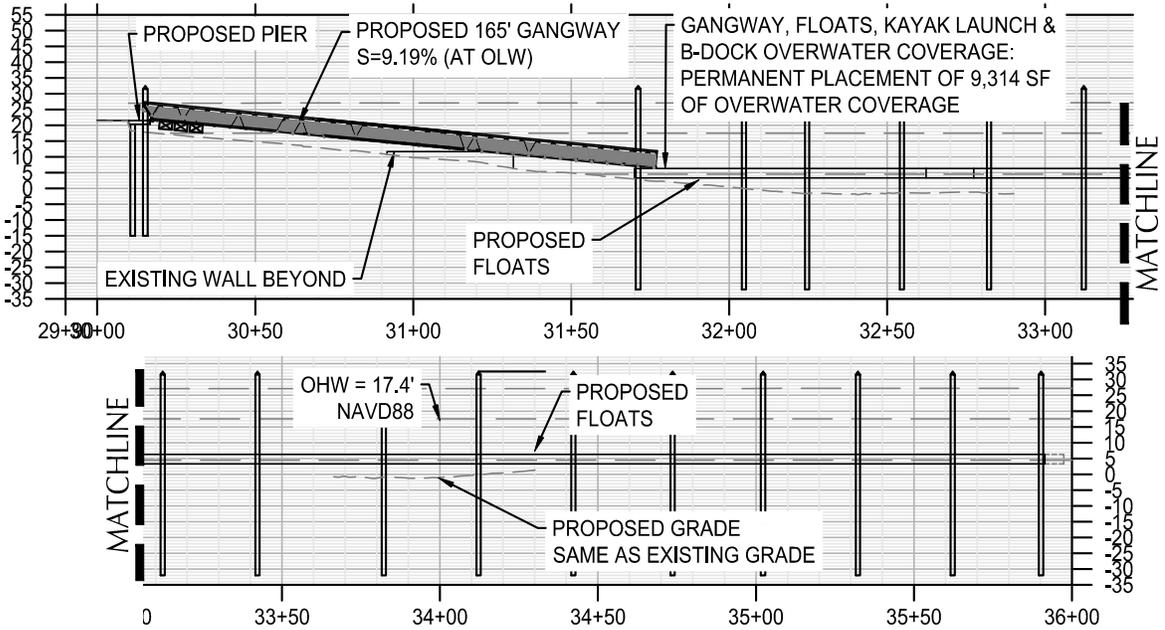
 111 SW Fifth Ave., Suite 2900 Portland, OR 97204 O: 503.243.2860 F: 503.274.4681 www.kpff.com	SCALE: 1" = 50' JOB NO.: 2000399	TITLE: CROSS SECTIONS - BOAT RAMP	SHEET NO.: Figure 8
	DATE: 12/28/2022	PROJECT: SCAPPOOSE BAY MARINA BOAT RAMP & PIER APPLICANT: PORT OF COLUMBIA COUNTY	REFERENCE SHEET NO.:

Plotted: 1/31/23 at 4:34pm By: hjames

File: N:\c\p\2020\2000399-Scappoose-Bay-Marina-Improvements\CAD\LOT\ENV-EXH\2000399-32-ENV-XSECT.dwg TAB: C3.3  
 8/16/24 9:53 AM



**1** EXISTING PIER PROFILE  
 SCALE: HORZ: 1" = 50'  
 VERT: 1" = 50'



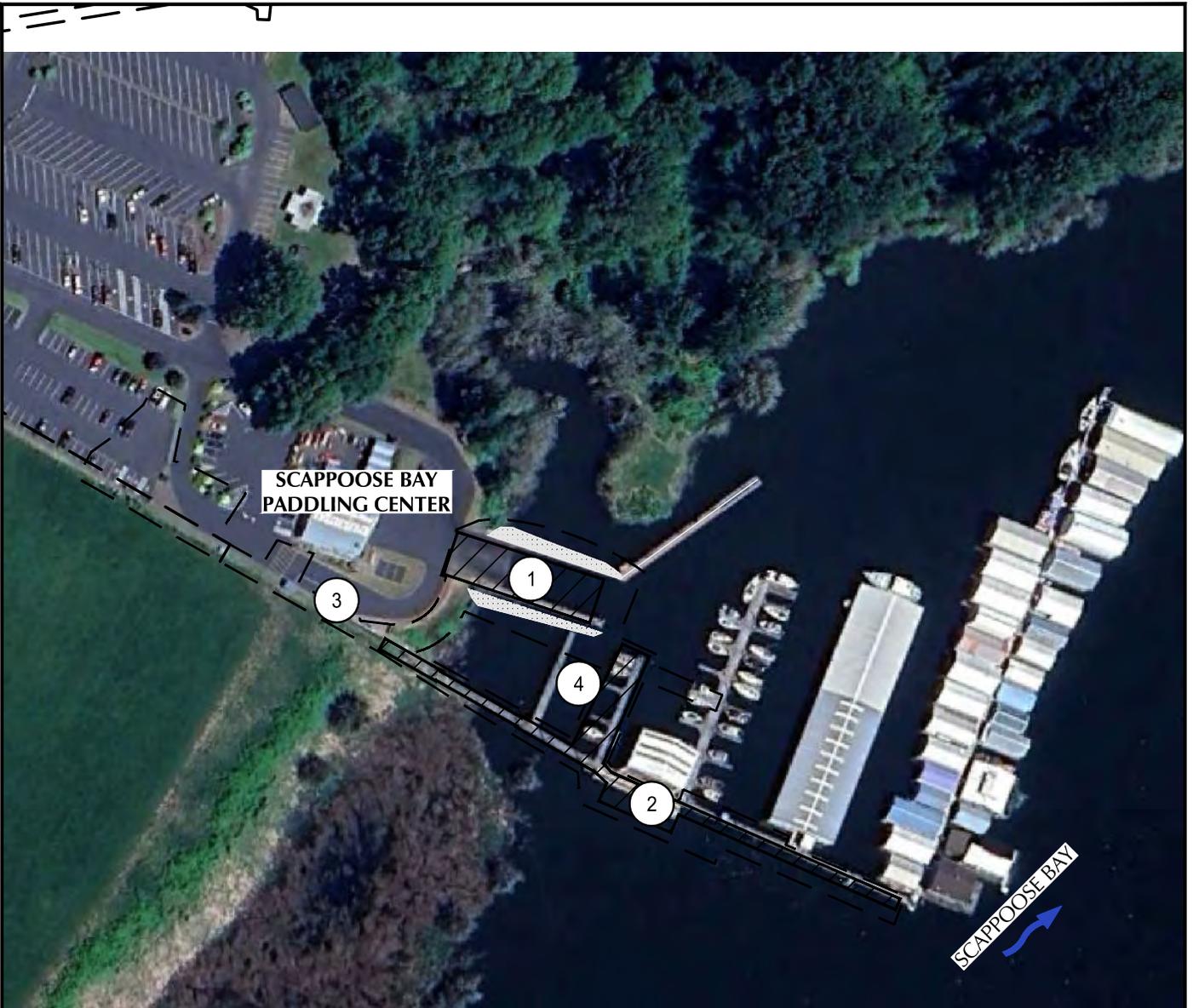
**2** PROPOSED PIER PROFILE  
 SCALE: HORZ: 1" = 50'  
 VERT: 1" = 50'



	SCALE: 1" = 50'	TITLE: CROSS SECTIONS - PIER	SHEET NO.: Figure 9
	JOB NO.: 2000399	PROJECT: SCAPPOOSE BAY MARINA BOAT RAMP & PIER APPLICANT: PORT OF COLUMBIA COUNTY	REFERENCE SHEET NO.:
111 SW Fifth Ave, Suite 2600 Portland, OR 97204 O: 503.254.2860 F: 503.274.4681 www.kpff.com	DATE: 07/16/2024		

Plotted: 9/20/24 at 2:19pm By: hjames

s:\mrc File: N:\c\p\2020\2000399--scappoose--marina--imprvmts\CAD\LOT\ENV-EXH\2000399-13-ENV-AERMAP.dwg TAB: C1.3

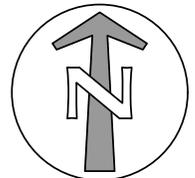
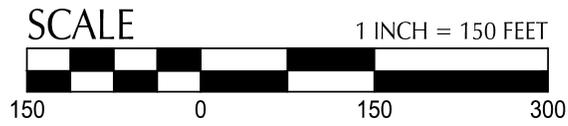


**(X) KEY NOTES**

1. BOAT RAMP REPLACEMENT AND BOAT SLIDE
2. PIER AND GANGWAY REPLACEMENT
3. STAGING AREA IN MARINA PARKING LOT
4. B-DOCK REPLACEMENT

**LEGEND**

- EXTENT OF WORK, SHOWN OFFSET FOR CLARITY
- FLOW ARROW



<p style="font-size: 8px; margin-top: 5px;">           111 SW Fifth Ave., Suite 2600            Portland, OR 97204            O: 503.242.3860            F: 503.274.4681  <a href="http://www.kpff.com">www.kpff.com</a> </p>	SCALE: <b>1"=150'</b>	TITLE: <p style="text-align: center; font-weight: bold;">AERIAL MAP</p>	SHEET NO.: <p style="text-align: center; font-weight: bold;">Figure 10</p>
	JOB NO.: <b>2000399</b>	PROJECT: <p style="text-align: center;">           SCAPPOOSE BAY MARINA BOAT RAMP &amp; PIER            APPLICANT: PORT OF COLUMBIA COUNTY         </p>	REFERENCE SHEET NO.:
DATE: <b>07/16/2024</b>			

Plotted: 7/18/24 at 1:24pm By: hjames

File: N:\c\p\2020\2000399--scappoose--bay--marina--imprvmts\CAD\LOT\ENV--EXH\2000399--X1--ENV--MITIGATION.dwg TAB: CX.5

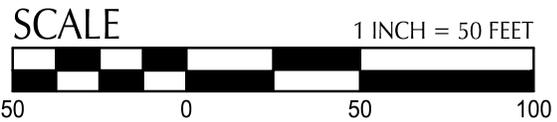


DERELICT PILE, TYP.



SCAPPOOSE BAY

REMOVE DERELICT PILE DOWNRIVER FROM SCAPPOOSE BAY MARINA	
NUMBER OF PILES TO BE REMOVED	21
PILE DENSITY	HIGH
WATER DEPTH	VARIES



LOCATED AT (45.828808, -122.839356)  
SEC 17, T4N, R1W

← FLOW ARROW

<p>111 SW Fifth Ave., Suite 2600 Portland, OR 97204 O: 503.242.3860 F: 503.274.4681 www.kpff.com</p>	SCALE: 1"=50'	TITLE: PROPOSED PILING REMOVAL TO MITIGATE PROJECT IMPACTS.	SHEET NO.: Figure 11
	JOB NO.: 2000399	PROJECT: SCAPPOOSE BAY MARINA BOAT RAMP & PIER APPLICANT: PORT OF COLUMBIA COUNTY	REFERENCE SHEET NO.:
	DATE: 07/16/2024		

Plotted: 7/16/24 at 3:30pm By: h James