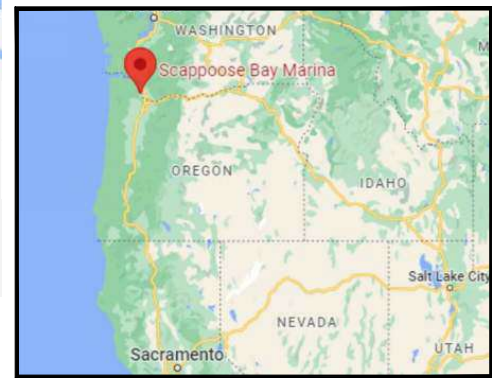
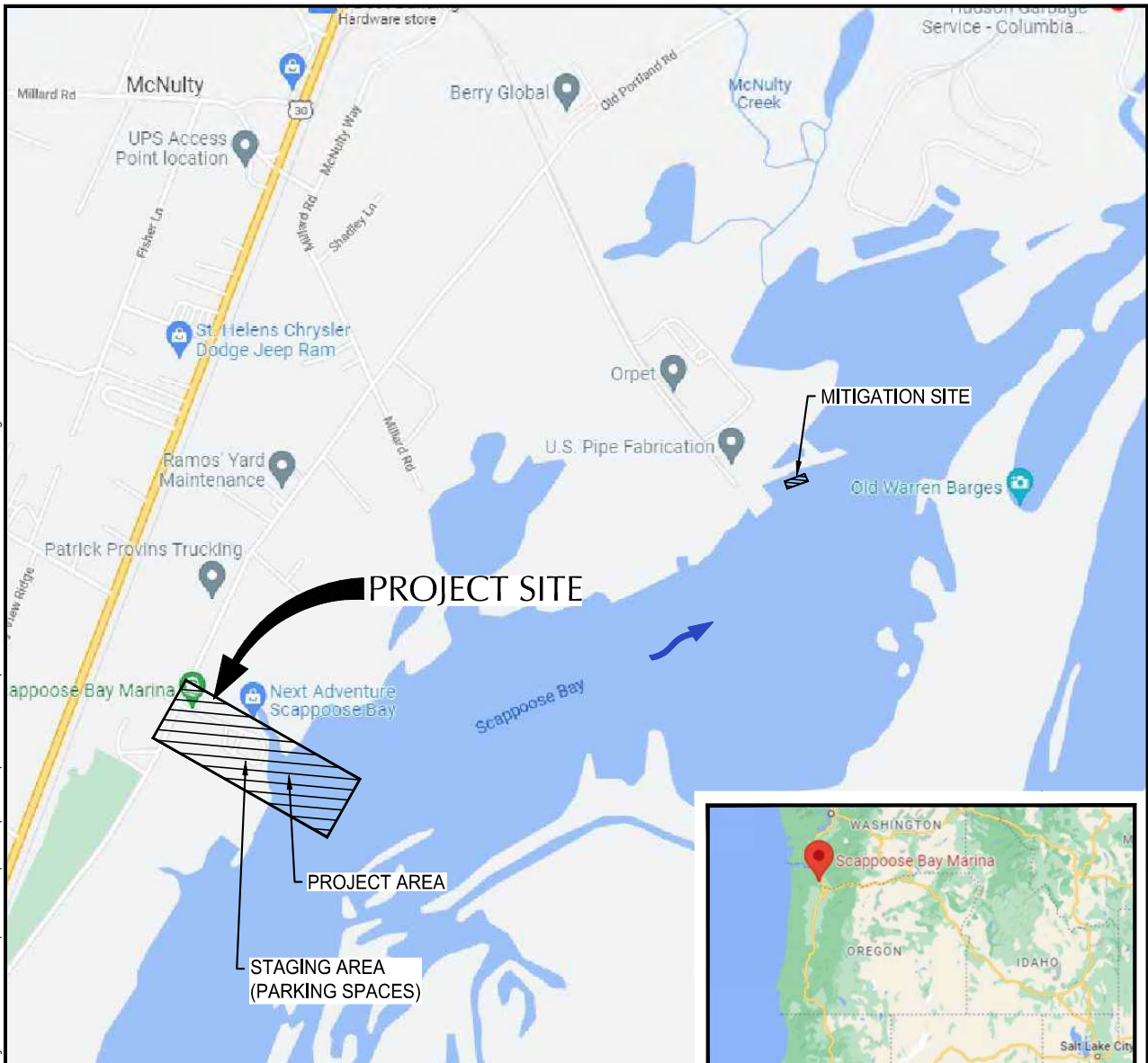


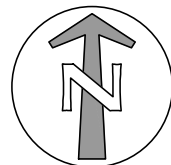
File: N:\c\p\2020\2000399-scappoose-bay-marina-imprvmts\CAD\LOT\ENV-EXH\2000399-11-ENV-WMAP.dwg TAB: C1.1



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

SCALE

1 INCH = 1000 FEET

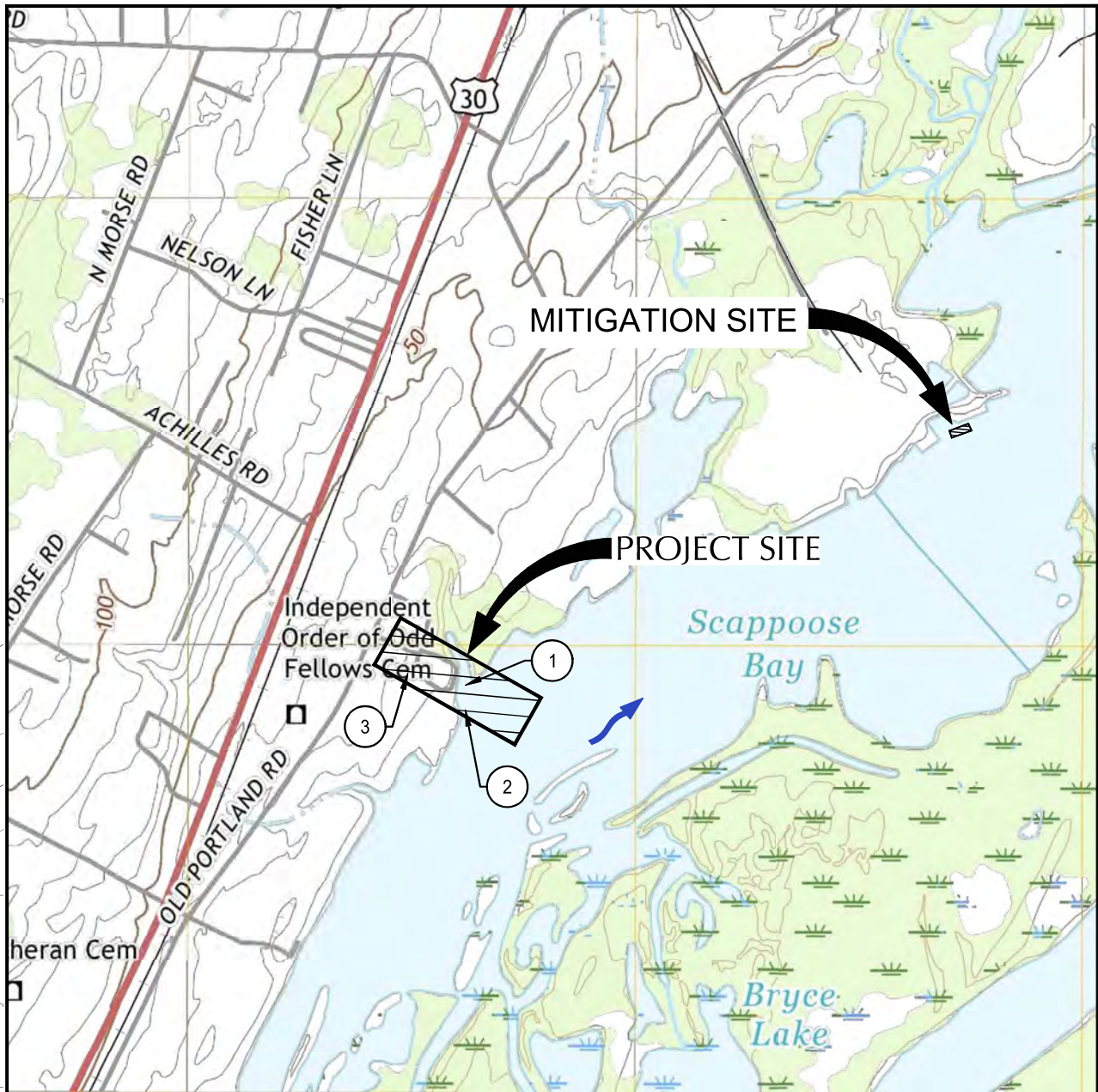


← FLOW ARROW

<p>111 SW Fifth Ave., Suite 2500 Portland, OR 97204 O: 503.454.3860 F: 503.274.4681 www.kpff.com</p>	SCALE: 1"=1000'	TITLE:	SHEET NO.: Figure 1 REFERENCE SHEET NO.:
	JOB NO.: 2000399	PROJECT:	
	DATE: 12/27/2022	SCAPPOOSE BAY MARINA BOAT RAMP & PIER APPLICANT: PORT OF COLUMBIA COUNTY	

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

File: N:\c\p\2020\2000399-scappoose-bay-marina-imprvmts\CAD\LOT\ENV-EXH\2000399-14-ENV-USGS-TOPO-MAP.dwg TAB: C1.4



KEY NOTES

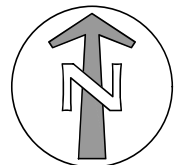
1. BOAT RAMP REPLACEMENT
2. PIER AND GANGWAY REPLACEMENT
3. STAGING AREA IN MARINA PARKING LOT



FLOW ARROW

SCALE

1 INCH = 1000 FEET



SCALE:
1"=1000'
JOB NO.:
2000399
DATE:
12/28/2022

TITLE:

USGS TOPOGRAPHIC MAP

PROJECT:

SCAPPOOSE BAY MARINA BOAT RAMP & PIER
APPLICANT: PORT OF COLUMBIA COUNTY

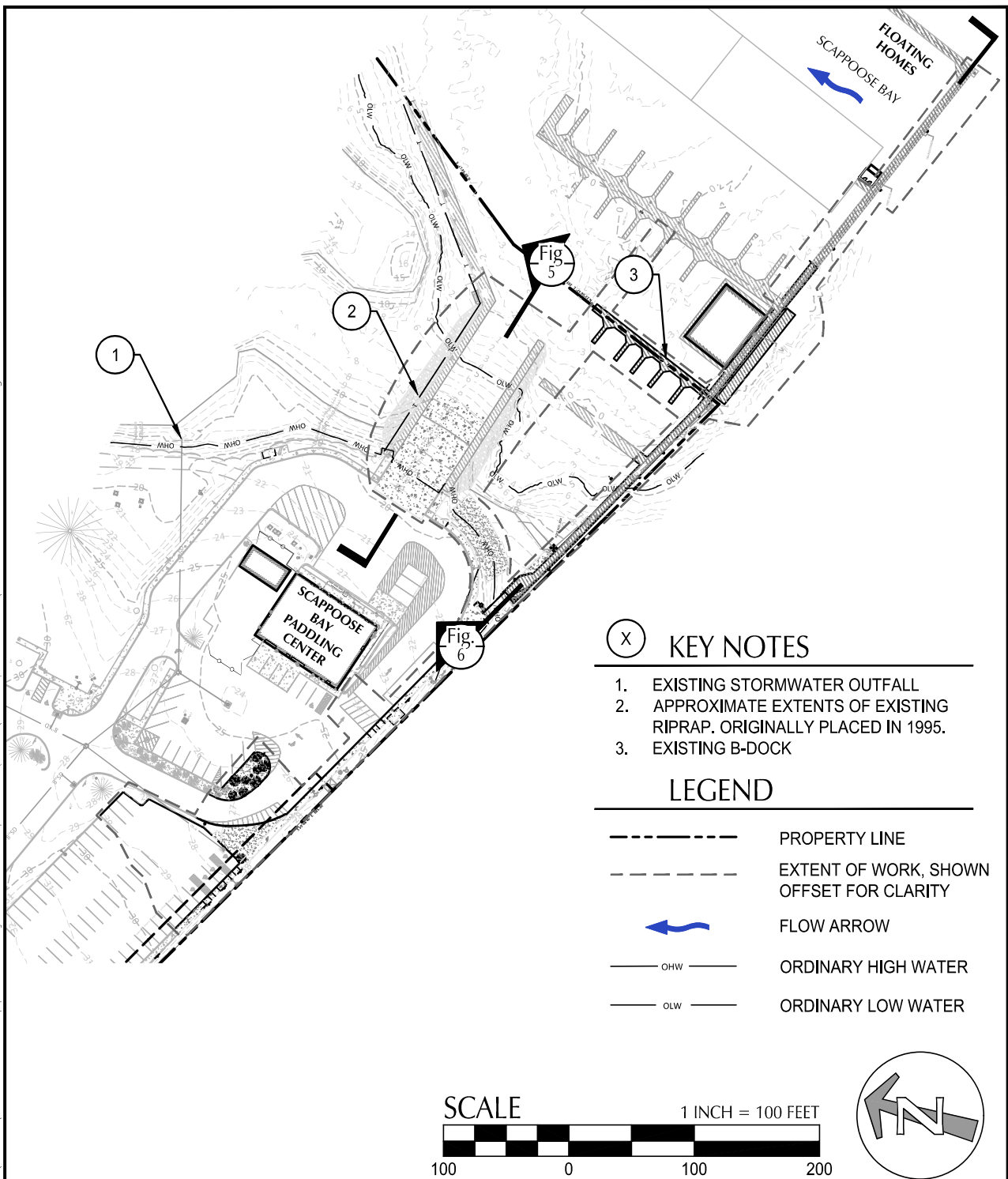
SHEET NO.:

Figure 2

REFERENCE SHEET NO.:

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

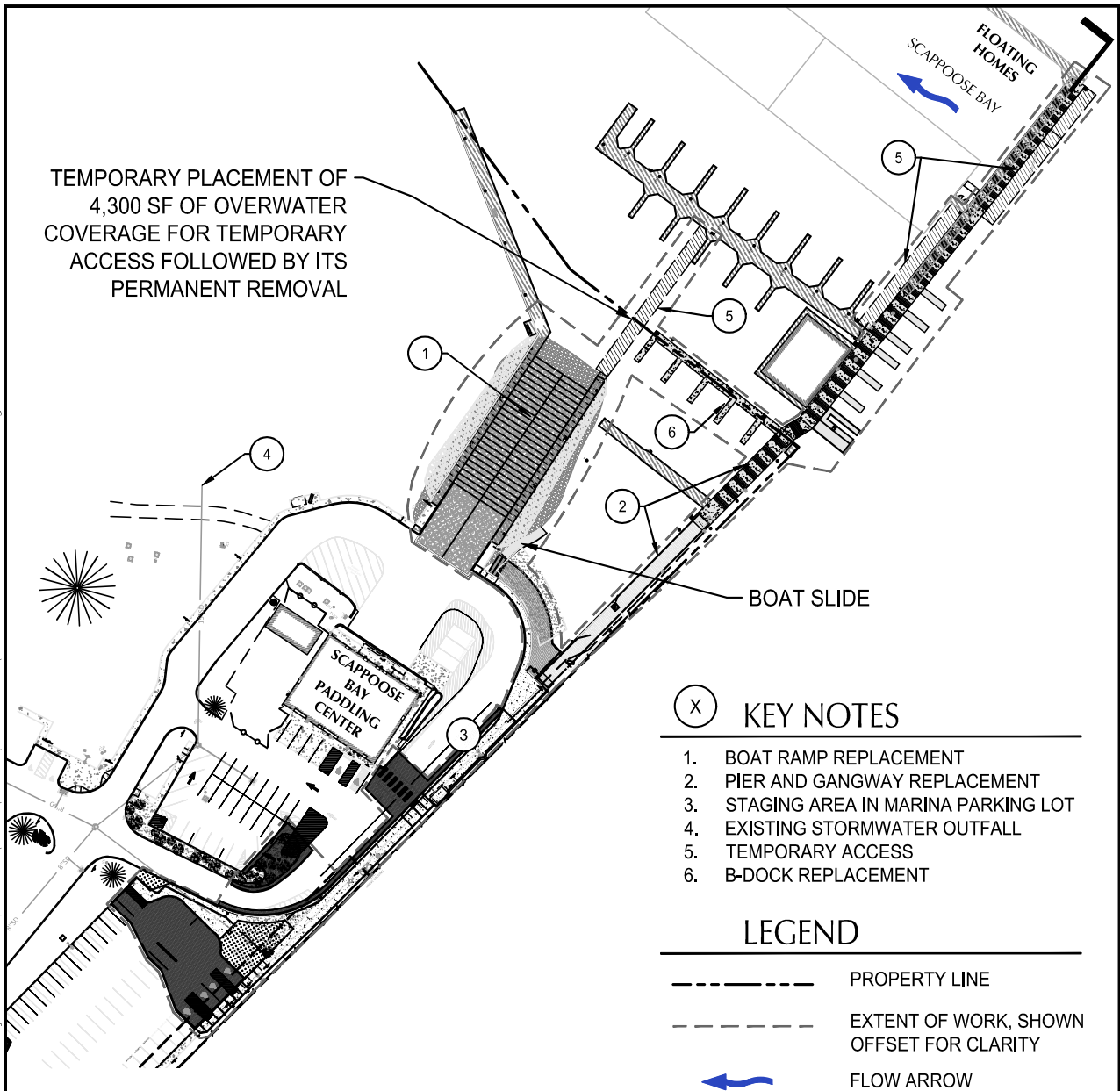
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kpff <small>111 SW Fifth Ave., Suite 2500 Portland, OR 97204 O: 503.443.3860 F: 503.474.4681 www.kpff.com</small>	SCALE: 1"=100'	TITLE: EXISTING CONDITIONS	SHEET NO.: Figure 5
	JOB NO.: 2000399	PROJECT: SCAPPOOSE BAY MARINA BOAT RAMP & PIER APPLICANT: 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



SCALE:
1"=100'

JOB NO.:
2000399

DATE:
07/16/2024

TITLE:

TEMPORARY ACCESS

PROJECT:

SCAPPOOSE BAY MARINA BOAT RAMP & PIER
APPLICANT: PORT OF COLUMBIA COUNTY

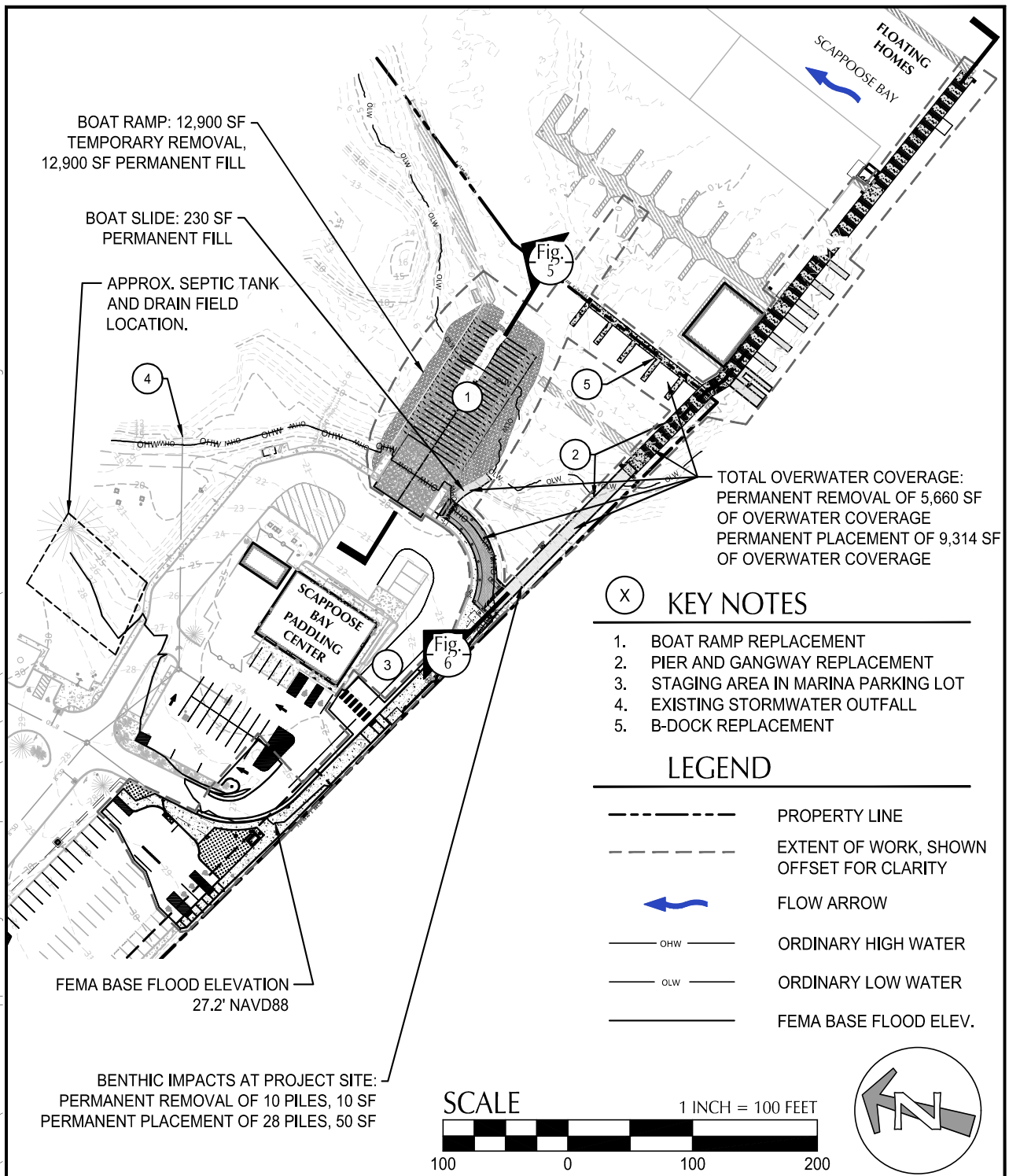
SHEET NO.:

Figure 6

REFERENCE SHEET NO.:

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

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SCALE:
1"=100'

JOB NO.:
2000399

DATE:
07/16/2024

TITLE:

PROPOSED CONDITIONS

SHEET NO.:

Figure 7

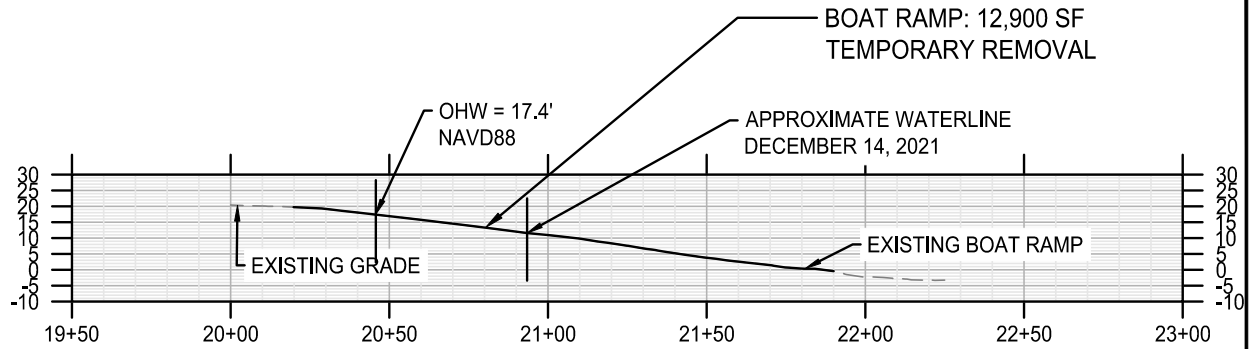
PROJECT:

SCAPPOOSE BAY MARINA BOAT RAMP & PIER
APPLICANT: PORT OF COLUMBIA COUNTY

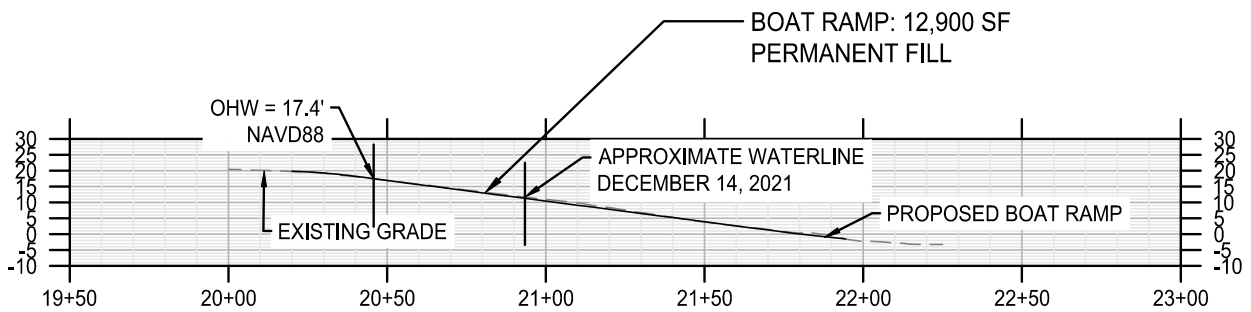
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Plotted: 9/30/24 at 10:57am By: hjames

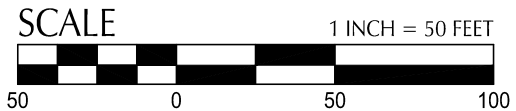
File: N:\c\p\2020\2000399-scappoose-bay-marina-imprvmts\CAD\Plot\ENV-EXH\2000399-32-ENV-XSECT.dwg TAB: C3.2




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



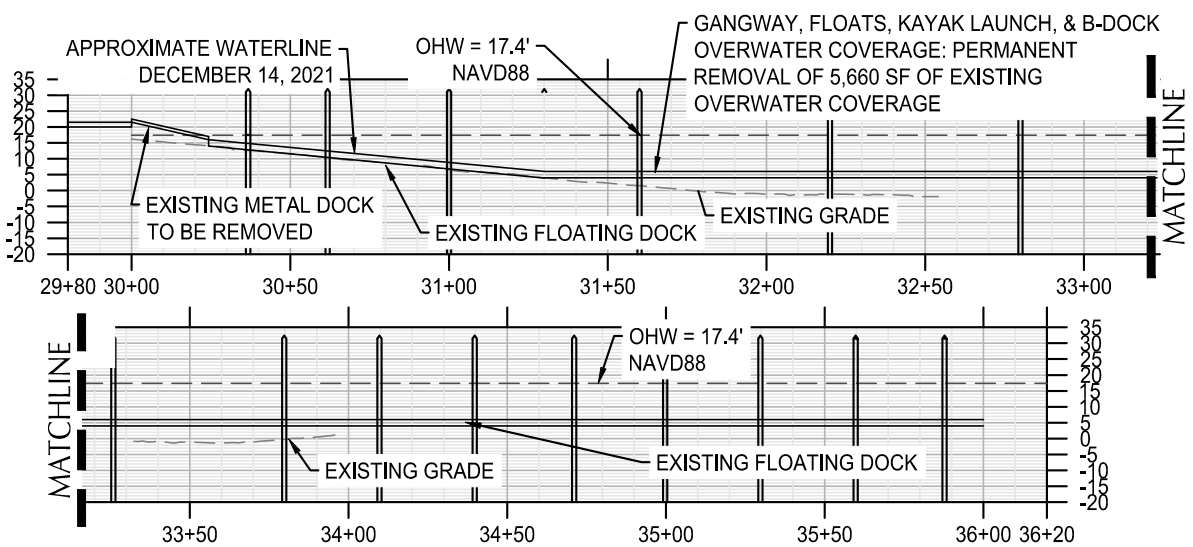
2 PROPOSED BOAT RAMP PROFILE
 SCALE: HORZ: 1" = 50'
 VERT: 1" = 50'



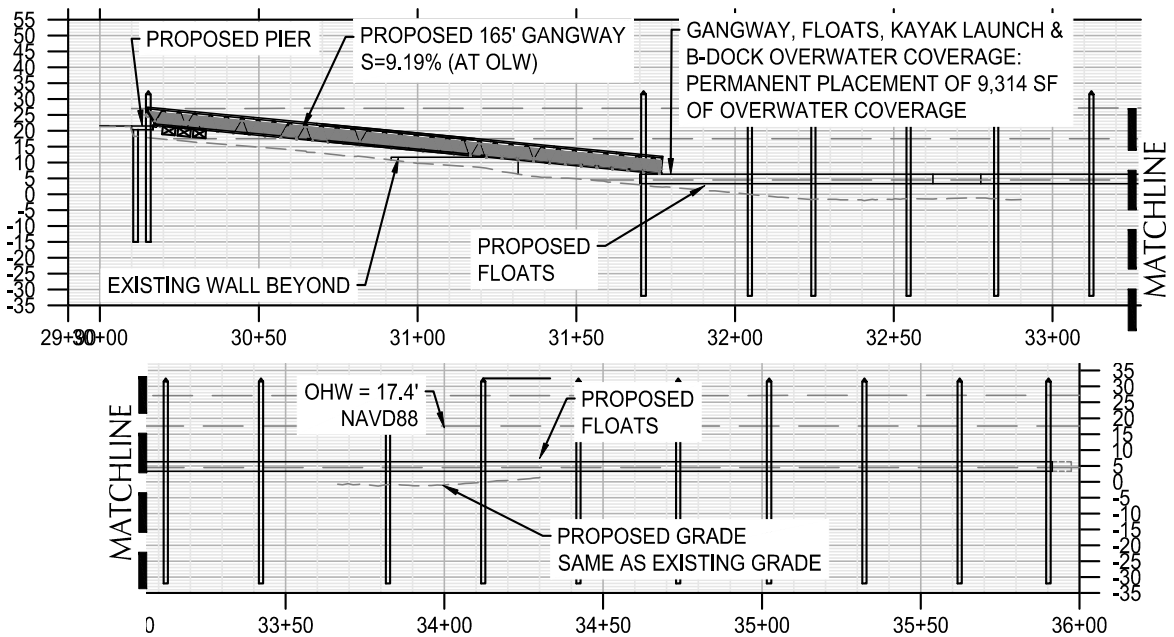
 <small>111 SW Fifth Ave., Suite 2500 Portland, OR 97204 O: 503.443.3860 F: 503.474.4681 www.kpff.com</small>	SCALE: 1"=50'	TITLE:	SHEET NO.:
	JOB NO.: 2000399		Figure 8
	DATE: 12/28/2022	PROJECT: SCAPPOOSE BAY MARINA BOAT RAMP & PIER APPLICANT: PORT OF COLUMBIA COUNTY	REFERENCE SHEET NO.:

Plotted: 1/31/23 at 4:34pm By: h.james

File: N:\c\p\2020\2000399-Scappoose-Bay-Marina-Improvements\CAD\Plot\ENV-EXH\2000399-32-ENV-XSECT.dwg TAB: C3.3



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



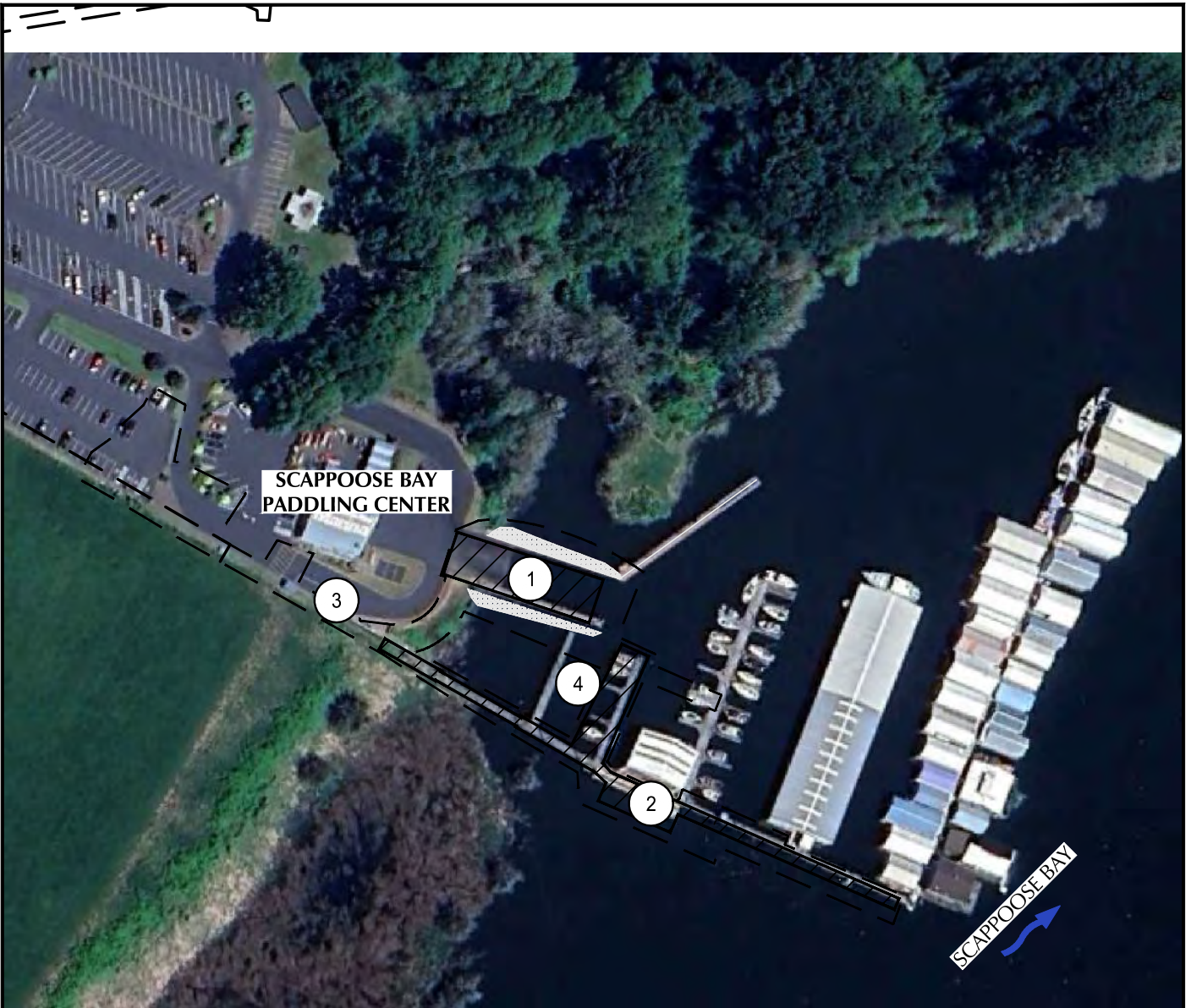
2 PROPOSED PIER PROFILE
SCALE: HORZ: 1" = 50'
VERT: 1" = 50'



kpff <small>111 SW Fifth Ave., Suite 2600 Portland, OR 97204 O: 503.443.2860 F: 503.274.4681 www.kpff.com</small>	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.:
	DATE: 07/16/2024		

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

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

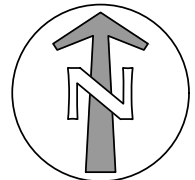
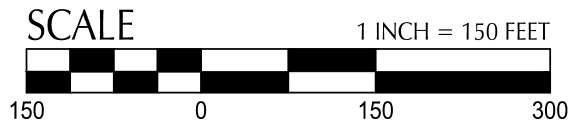


KEY NOTES

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



SCALE:
1"=150'

JOB NO.:
2000399

DATE:
07/16/2024

TITLE:

AERIAL MAP

PROJECT:

SCAPPOOSE BAY MARINA BOAT RAMP & PIER
APPLICANT: PORT OF COLUMBIA COUNTY

SHEET NO.:

Figure 10

REFERENCE SHEET NO.:

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

8.5x11 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.



REMOVE DERELICT PILE DOWNRIVER FROM SCAPPOOSE BAY MARINA

NUMBER OF PILES TO BE REMOVED	21
PILE DENSITY WATER DEPTH	HIGH VARIES

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



FLOW ARROW

 111 SW Fifth Ave., Suite 2600 Portland, OR 97204 O: 503.242.3860 F: 503.274.4681 www.kpff.com	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: hjames