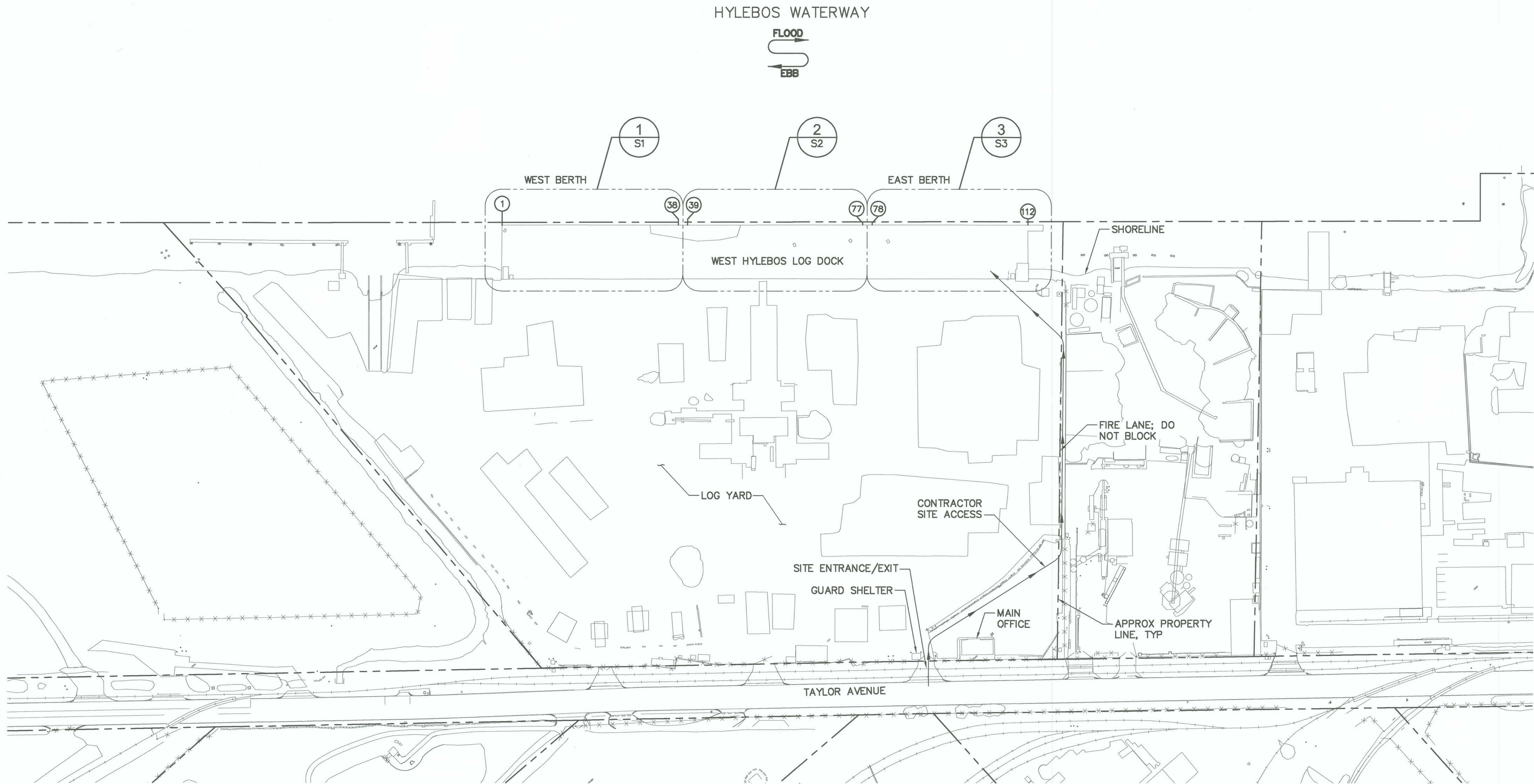
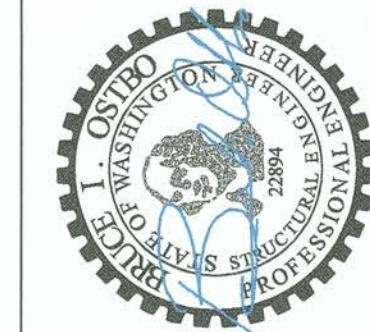
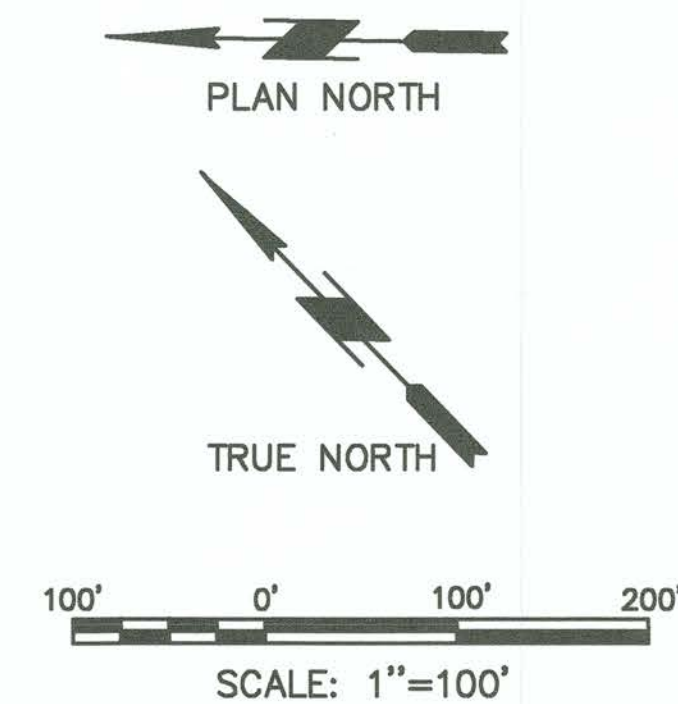




CONSTRUCTION NOTES:

1. VESSEL CALLS ARE TYPICALLY BETWEEN THE 15TH AND 25TH OF ANY GIVEN MONTH. THE BERTH AND UPLAND AREAS ARE UNAVAILABLE FOR STORAGE, STAGING, AND CONSTRUCTION DURING THE VESSEL CALL WINDOW.
2. THE CONTRACTOR SHALL NOT START WORK ON A DOLPHIN THAT CANNOT BE FULLY RESTORED PRIOR TO THE VESSEL CALL. EXISTING DOLPHINS MAY REMAIN IN THEIR PRE-AWARD CONDITION DURING VESSEL CALLS.

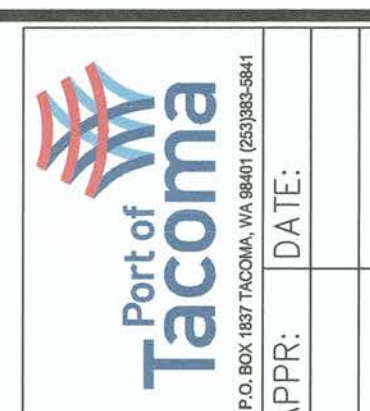
SITE PLAN
SCALE: 1" = 100'



APPROVED:	B.OSTBO	7/21/17
CHECKED BY:	B.HALEY	7/21/17
DIRECTOR ENGR.	DATE	PROJ. ENGR. DATE
PRINTED BY:	oszarvadi	JUL 20, 2017
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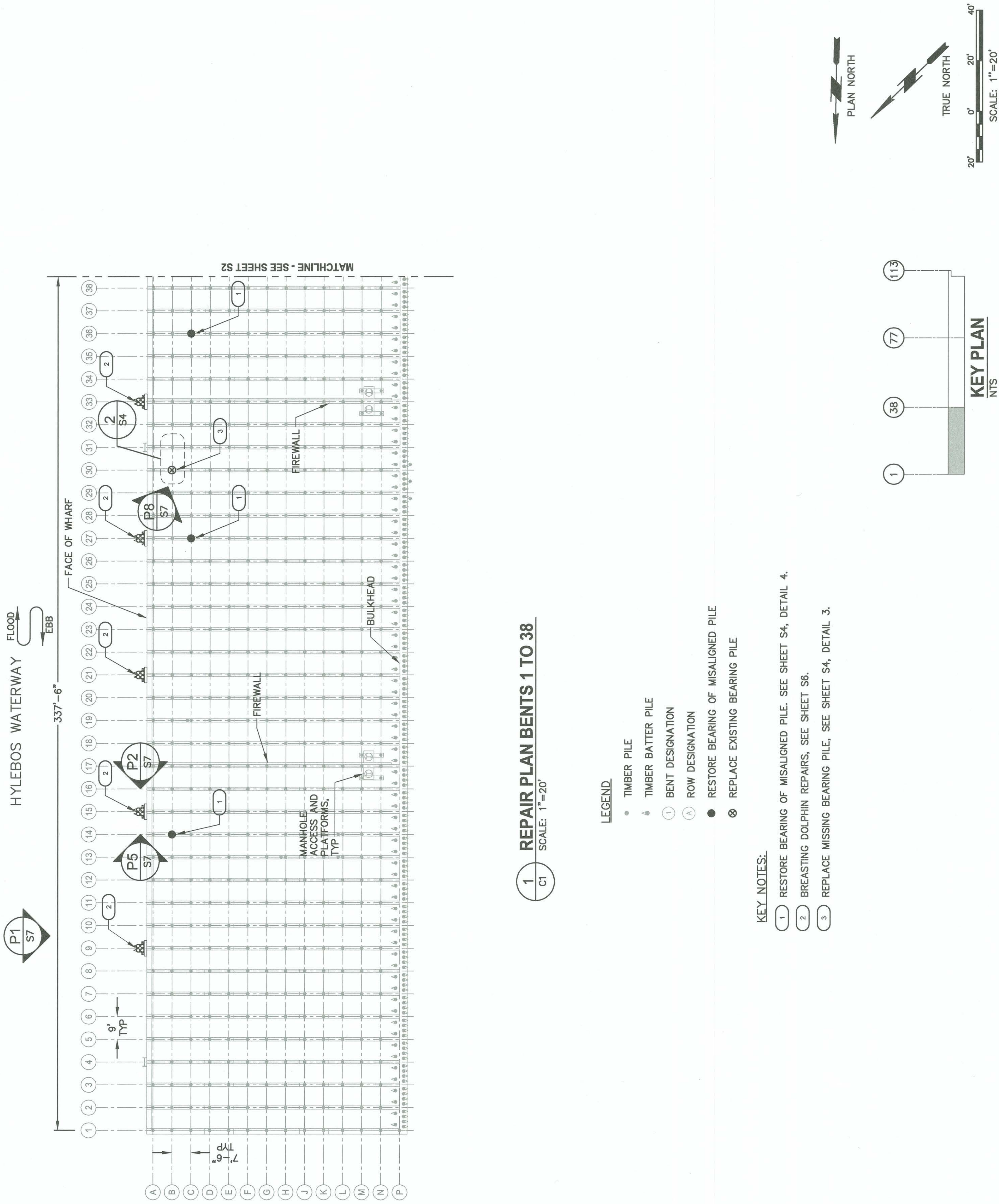
PORT OF TACOMA
WEST HYLEBOS LOG DOCK REPAIRS
SITE PLAN

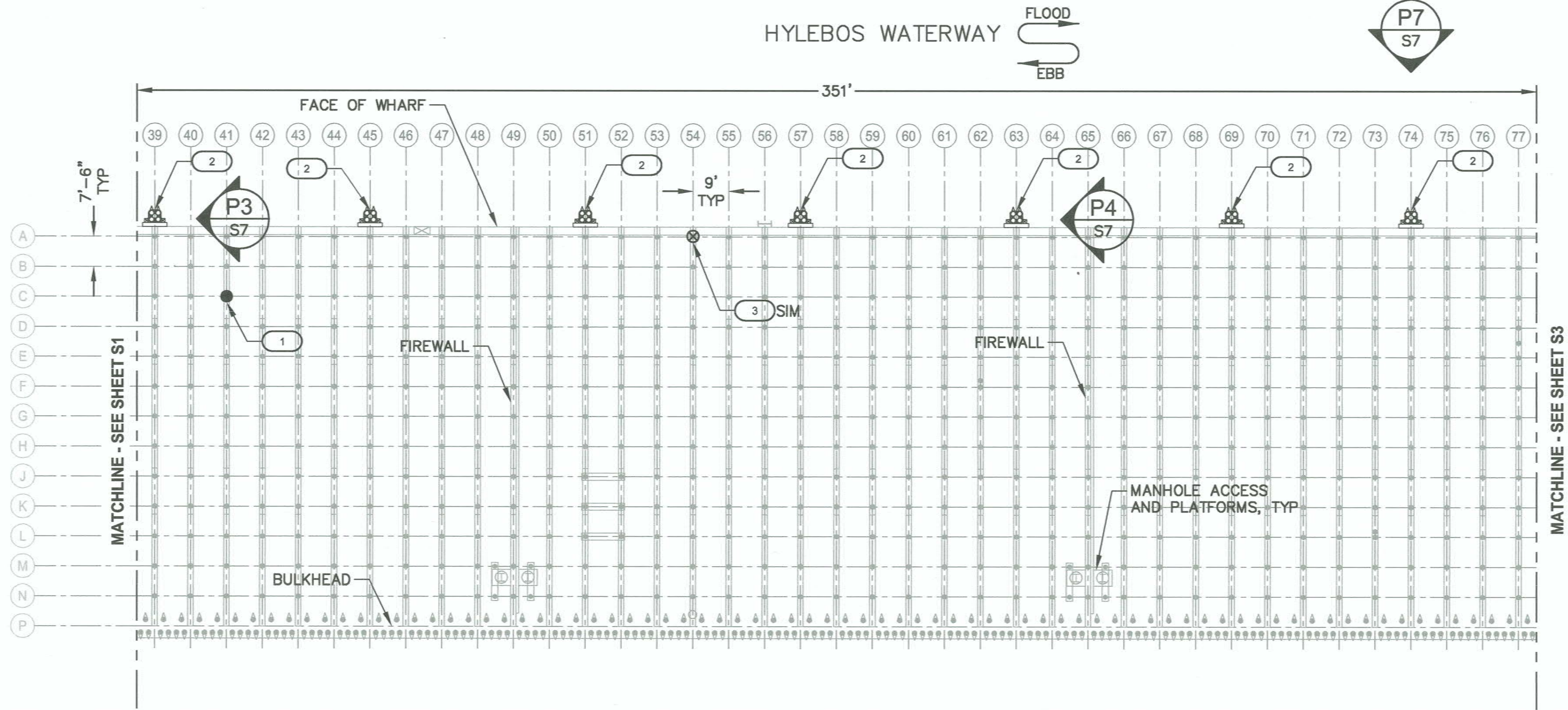
6570	C1	3 OF 10
CONT/CONS:	070636	
M. ID:	201016.01	
PHASE:	BID SET	



BY:	
REVISION:	
APPR:	
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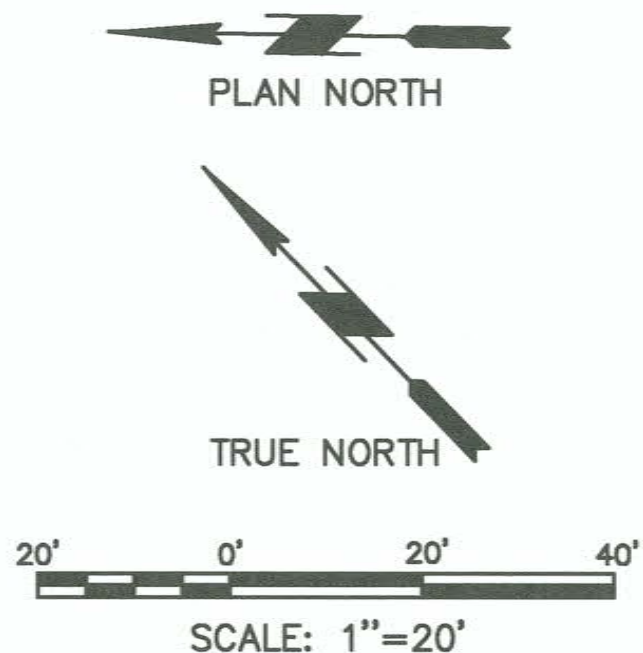
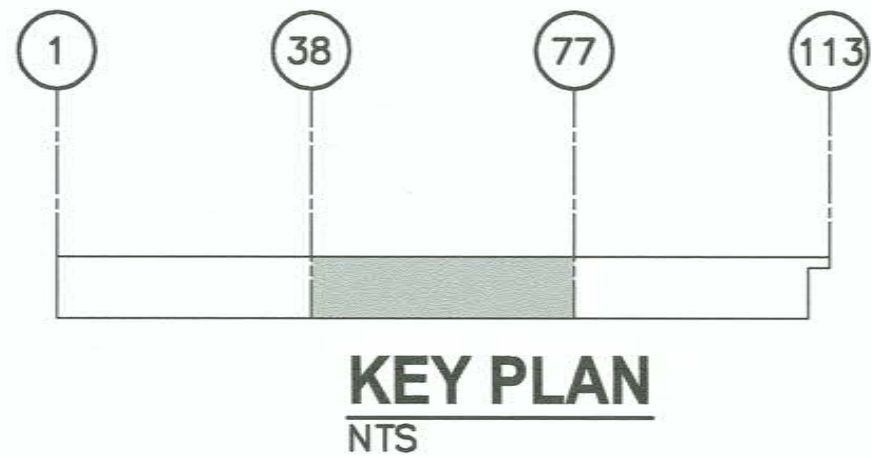
2
C1 **REPAIR PLAN BENTS 39 TO 77**
SCALE: 1"=20'

LEGEND

- TIMBER PILE
- ▲ TIMBER BATTER PILE
- ① BENT DESIGNATION
- A ROW DESIGNATION
- RESTORE BEARING OF MISALIGNED PILE
- ⊗ REPLACE EXISTING BEARING PILE

KEY NOTES:

- ① RESTORE BEARING OF MISALIGNED PILE. SEE SHEET S4, DETAIL 4.
- ② BREASTING DOLPHIN REPAIRS, SEE SHEET S6.
- ③ REPLACE MISSING BEARING PILE, SEE SHEET S4, DETAIL 3.



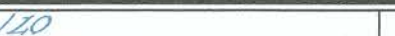
moffatt & nichol

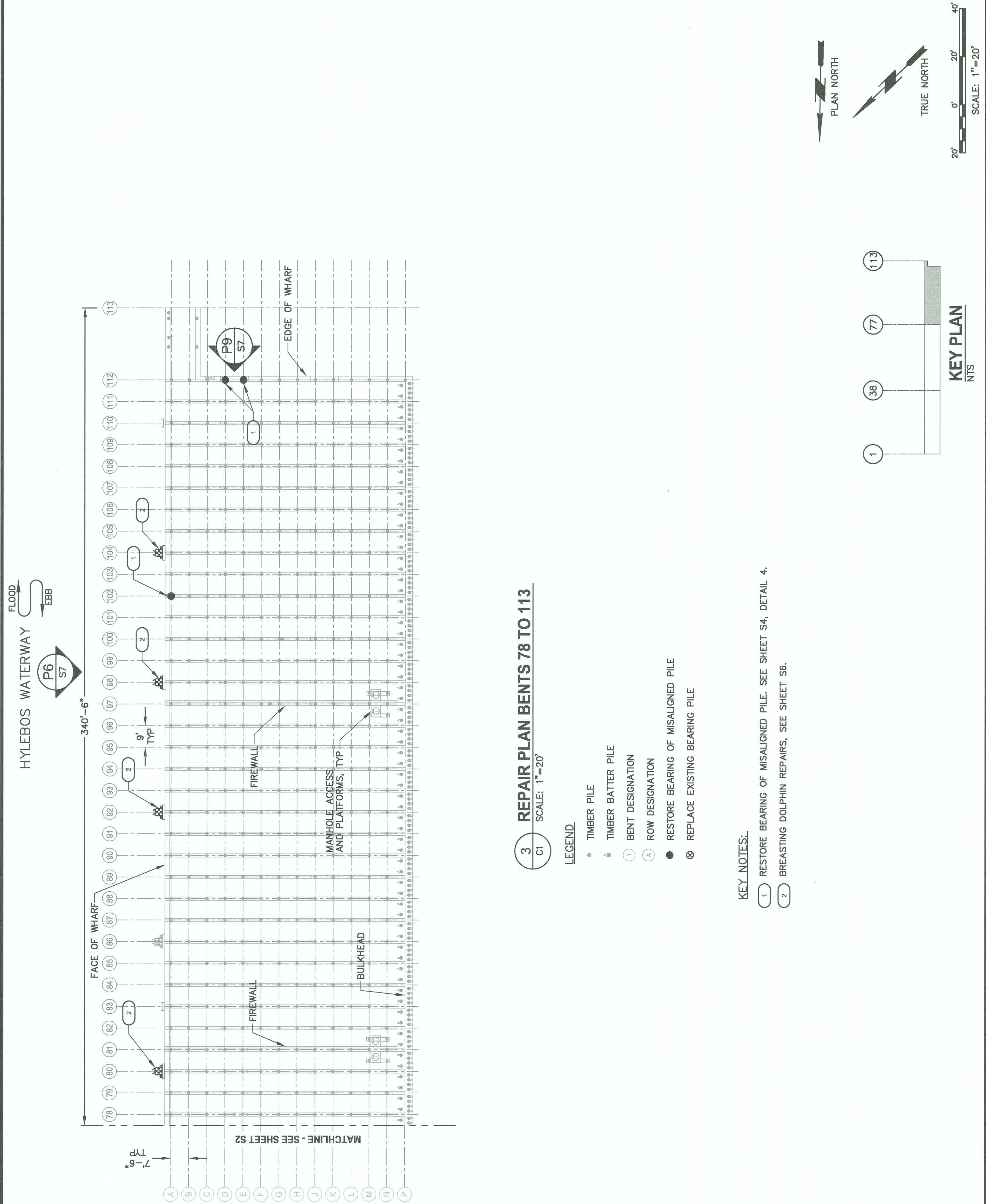
Port of Tacoma
P.O. BOX 1087 TACOMA, WA 98401 (206)854-5441

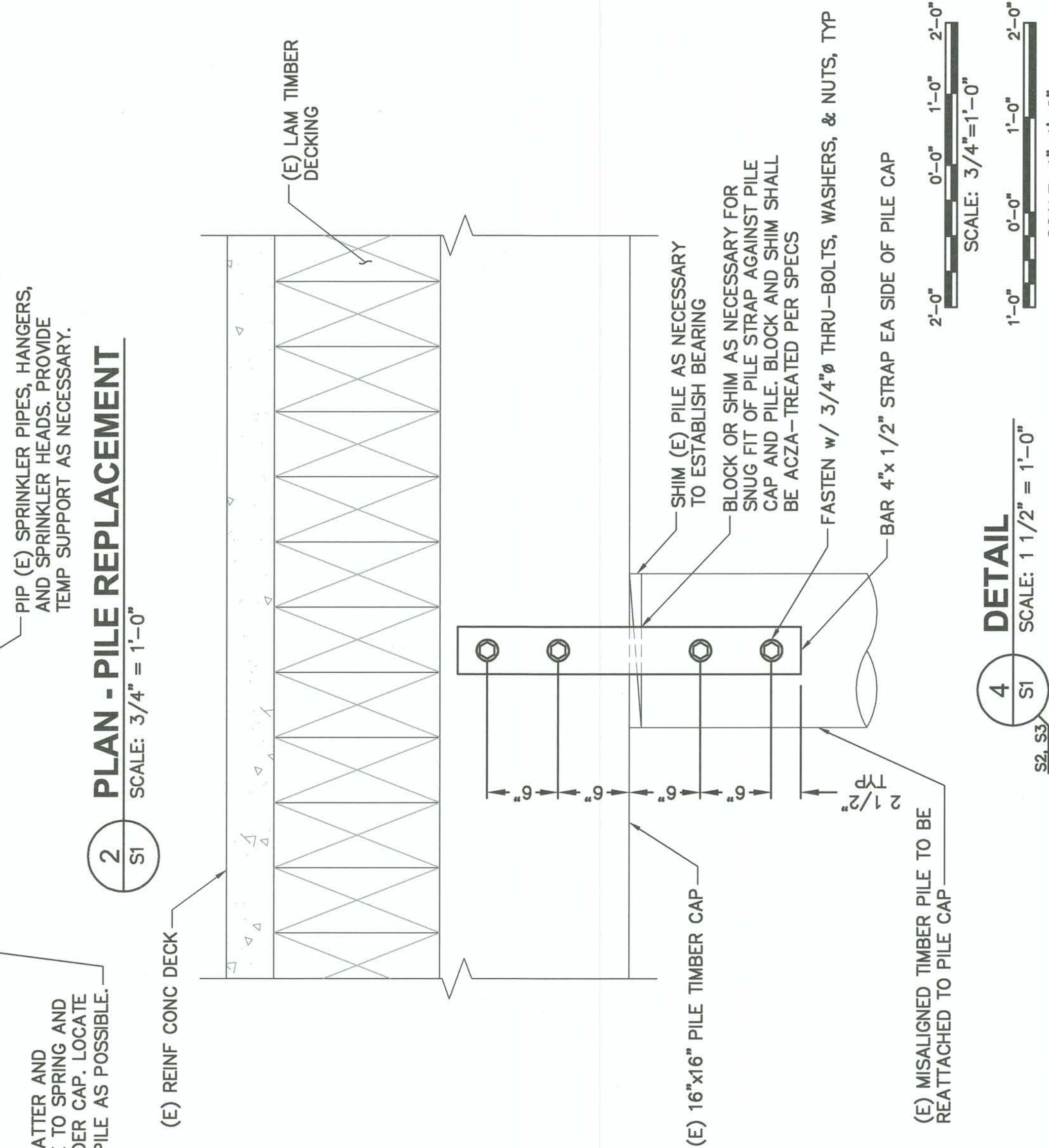
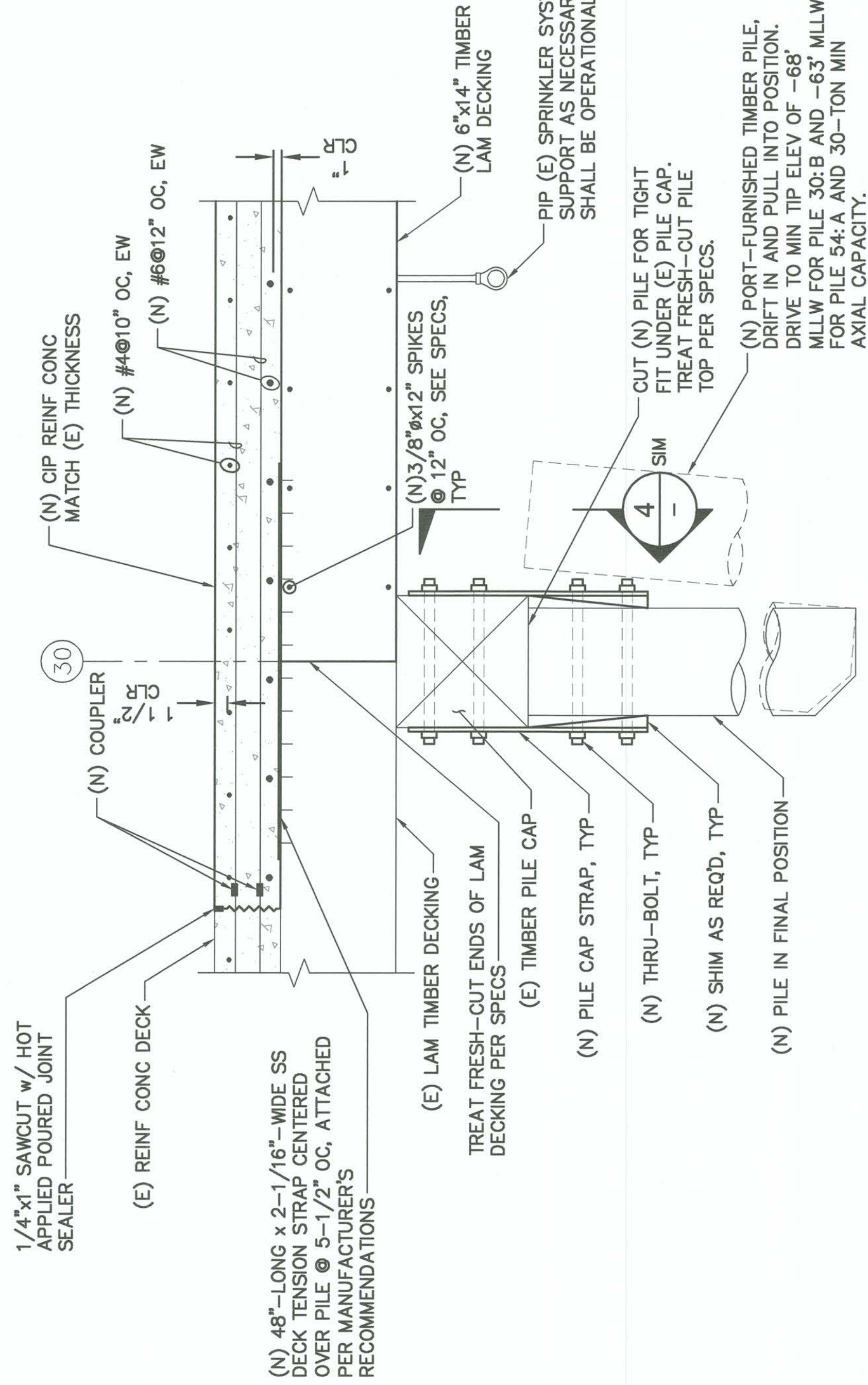
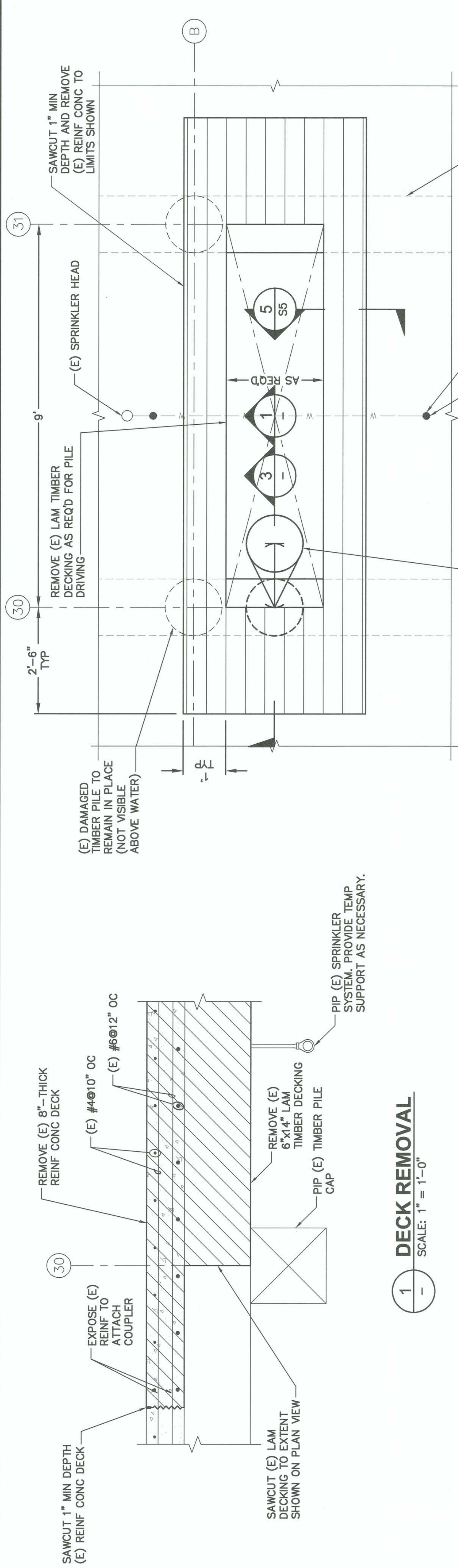
APPROVED: *[Signature]* B.OSTBO 7/21/17
CHECKED BY: B.HALEY 7/21/17
DIRECTOR ENG. DATE: PROJ. ENGR DATE
PRINTED BY: aszarvadi JUL 20, 2017
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PORT OF TACOMA
WEST HYLEBOS LOG DOCK REPAIRS
REPAIR PLAN
BENTS 39 TO 77
TOWNSHIP: 21N RANGE: 03E SECTION: 36
M. ID: 201016.01 DAT-HRZ: WA83-SF VERT: MLLW 19.39' @ Tide 22 1933
PARCEL: DRAWING SCALE: AS NOTED

6570
S2
5 OF 10
CONT/CONS: 070636
M. ID: 201016.01
PHASE: BID SET

6570 S3 6 OF 10		PORT OF TACOMA WEST HYLEBOS LOG DOCK REPAIRS REPAIR PLAN BENTS 78 TO 113		TOWNSHIP: 21N RANGE: 03E BENTS 78 TO 113		DATE=HRZ: WA83-SF VERT: MLLW 19.39' @ Tide 22 1933 PARCEL: DRAWING SCALE: AS NOTED		PHASE: BID SET M. ID: 201016.01 CONT/CONS: 070636	
APPROVED:		B.OSTBO 7/21/17 CHECKED BY DATE B.HALEY 7/21/17 PROJECT ENR DATE		PRINTED BY: 05/20/2017 PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98401-1837				MARK:  moffatt & nichol REVISION: BY: APPR: DATE:	





SECTION - PILE REPLACEMENT

SCALE: 1" = 1'-0"

NOTE: DECK REMOVAL AND RESTORATION
NOT REQUIRED AT PILE 54: A.

4
S1

SCALE: 1 1/2" = 1'-0"

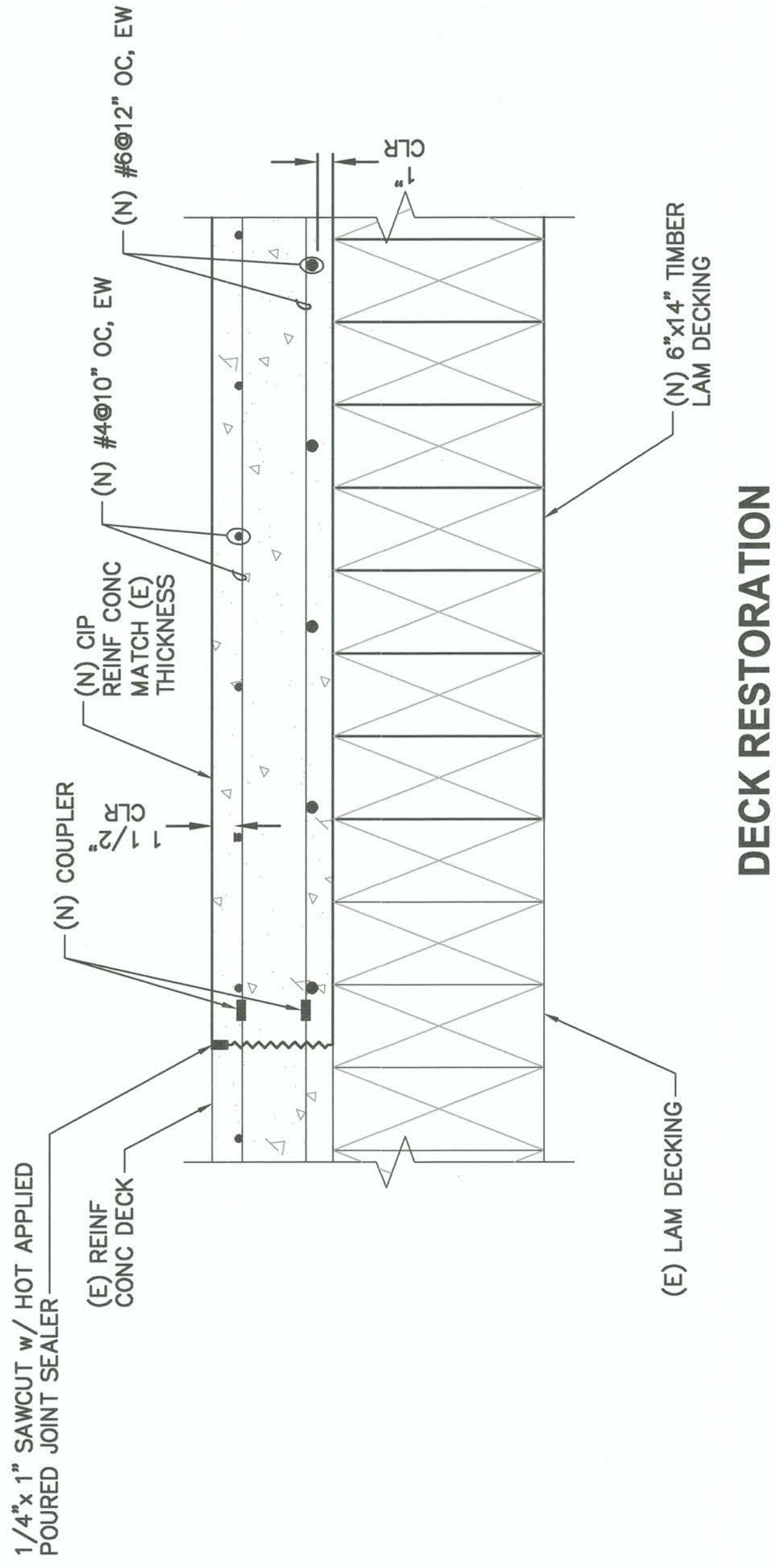
SCALE: $3/4" = 1' - 0"$

SCALE: 1"=1'-0"

SCALE: $1 \text{ } 1/2^{\text{m}} - 1^{\text{m}} - 0^{\text{m}}$

CALL: 1 1/2 - 1 - 0

						S4 6570 7 OF 10								CONT/CONS: 070636 M. ID: 201016.01 PHASE: BID SET			
						PORT OF TACOMA WEST HYLEBOS LOG DOCK REPAIRS REPAIR DETAILS SHEET 1								PARCEL: [blank] DRAWING SCALE: AS NOTED PORT ADDRESS: ONE SITCUM PLAZA TACOMA, WA 98401-1837 OCT 21 / 2017			
MARK: [blank] REVISION: [blank] BY: [blank] APPR: [blank] DATE: [blank]						APPROVED: [Signature] B.O.S.T.B.O. 7/21/17 CHECKED BY DATE B.HALEY 7/21/17 DIRECTOR ENG. DATE PRINTED BY: asozorvodi Jul 20, 2017								DAT-HRZ: WA83-SF VERT: MLTW 19.39' @ Tide 22 1933 RANGE: 03E TOWNSHIP: 21N SECTION: 36 VERT: MLTW 19.39' @ Tide 22 1933			



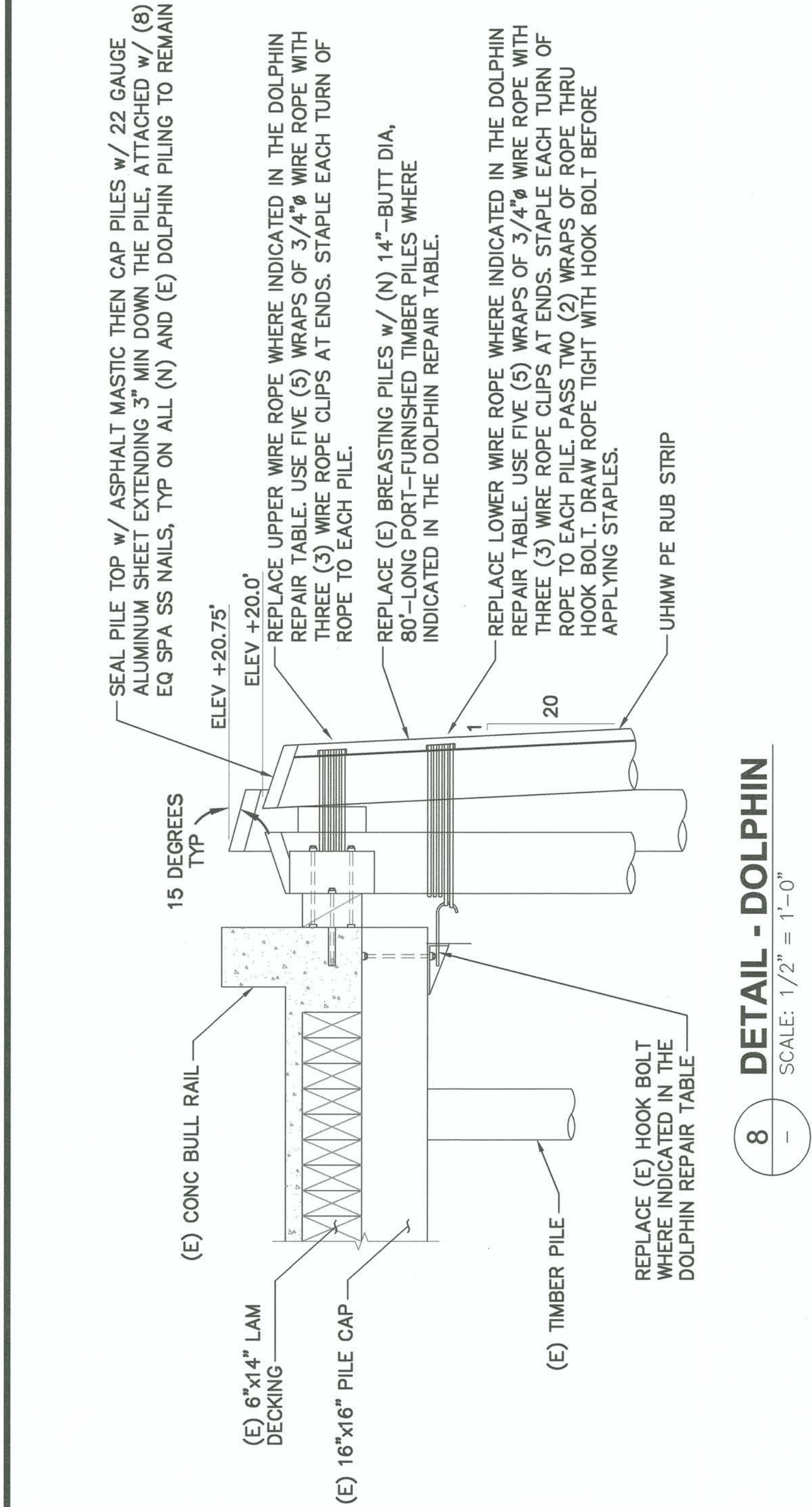
5

S4

SECTION

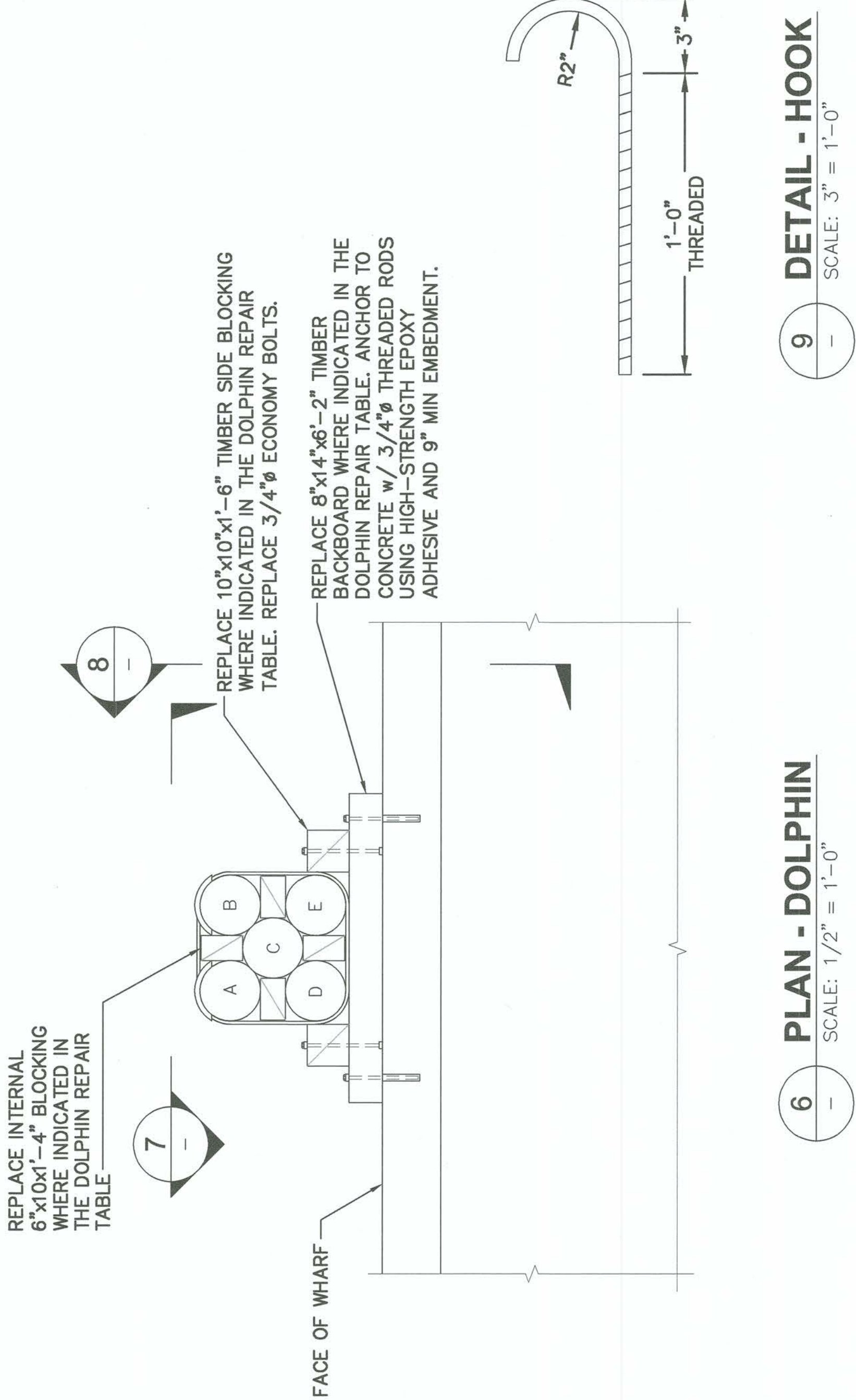
SCALE: 1 1/2" = 1'-0"





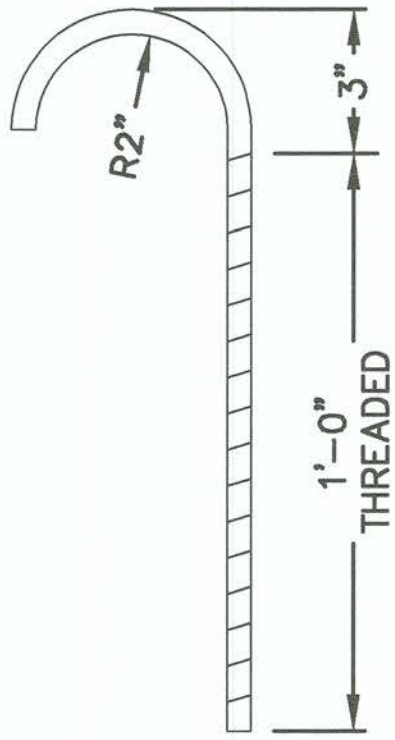
7 ELEVATION - DOLPHIN
SCALE: 1/2" = 1'-0"

8 ELEVATION - DOLPHIN
SCALE: 1/2" = 1'-0"



6 PLAN - DOLPHIN
SCALE: 1/2" = 1'-0"

9 DETAIL - HOOK
SCALE: 3" = 1'-0"



*TIGHTEN WEST HOOK-PLATE ANCHOR NUT.
**MOVE BACKBOARD TO BE CENTERED ON DOLPHINS.



6570
S6
9 OF 10

PORT OF TACOMA
WEST HYLEBOS LOG DOCK REPAIRS
REPAIR DETAILS
SHEET 3

APPROVED:
DIRECTOR ENGR DATE
B.HALEY 7/21/17
CHECKED BY DATE
B.OSTBO 7/21/17

CONTRACT/CONS: 070636
M. ID: 201016.01
PHASE: BID SET

TOWNSHIP: 21N
DAT-HRZ: WA83-SF
RANGE: 03E
SECTION: 36
DRAWING SCALE: AS NOTED

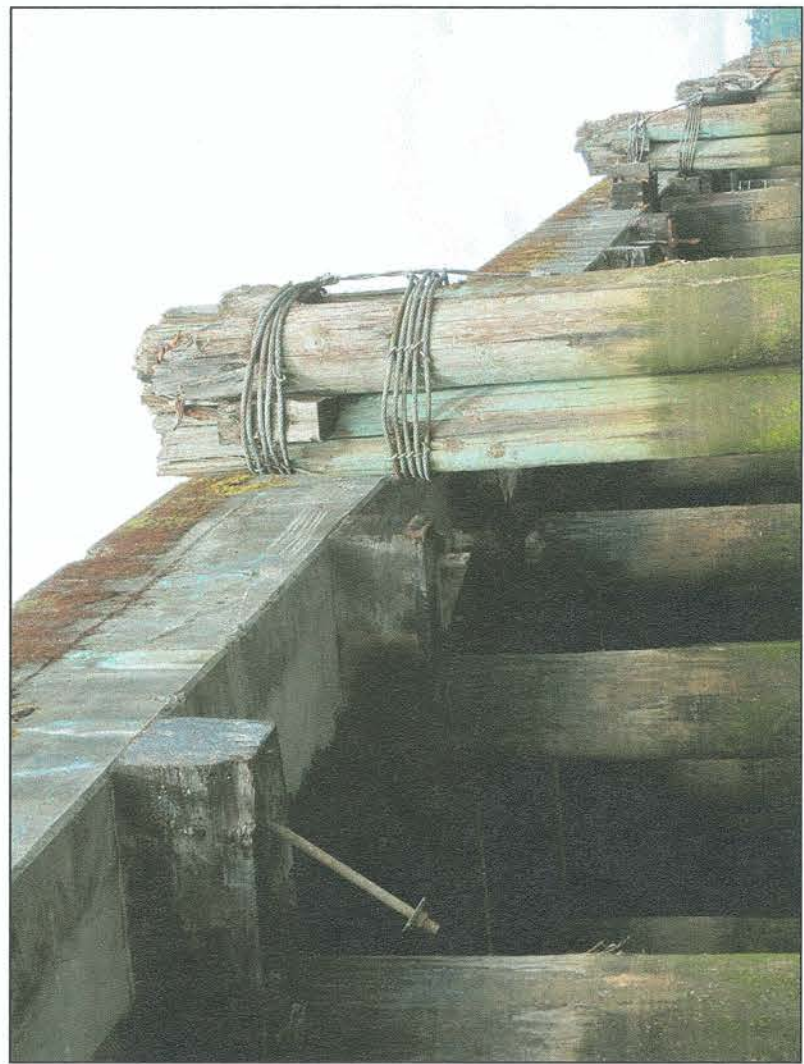
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moffatt & nichol

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6570 S7 10 OF 10	CONT/CONS: 070636		TOWNSHIP: 21N		RANGE: 03E		SECTION: 36		DATE-HRZ: WA83-SF		VERT: MLLW 19.39' @ Tide 22 1933		DRAWING SCALE: AS NOTED		PARCEL:		PHASE: BID SET	
	M. ID: 201016.01		PORT ADDRESS: ONE SITCUM PLAZA		PRINTED BY: oszarvadi Jul 20, 2017		TACOMA, WA 98401-1837		07/21/2017		P.O. BOX 1837 TACOMA, WA 98401 (253)983-8841		DATE:		APPR:		BY:	
	MARK:		REVISION:		B.O. STB 7/21/17		CHECKED BY DATE		B. HALEY 7/21/17		PROJ. ENGR DATE		DIRECTOR ENG. DATE		APPROVED:		APPROVED:	
	SITE PHOTOGRAPHS		WEST HYLEBOS LOG DOCK REPAIRS		PORT OF TACOMA		WEST HYLEBOS LOG DOCK REPAIRS		APPROVED:		APPROVED:		APPROVED:		APPROVED:		APPROVED:	



P3 BENT 39 DOLPHIN
S2 LOOKING NORTHWEST



P6 BENT 98 DOLPHIN
S3 LOOKING SOUTHWEST



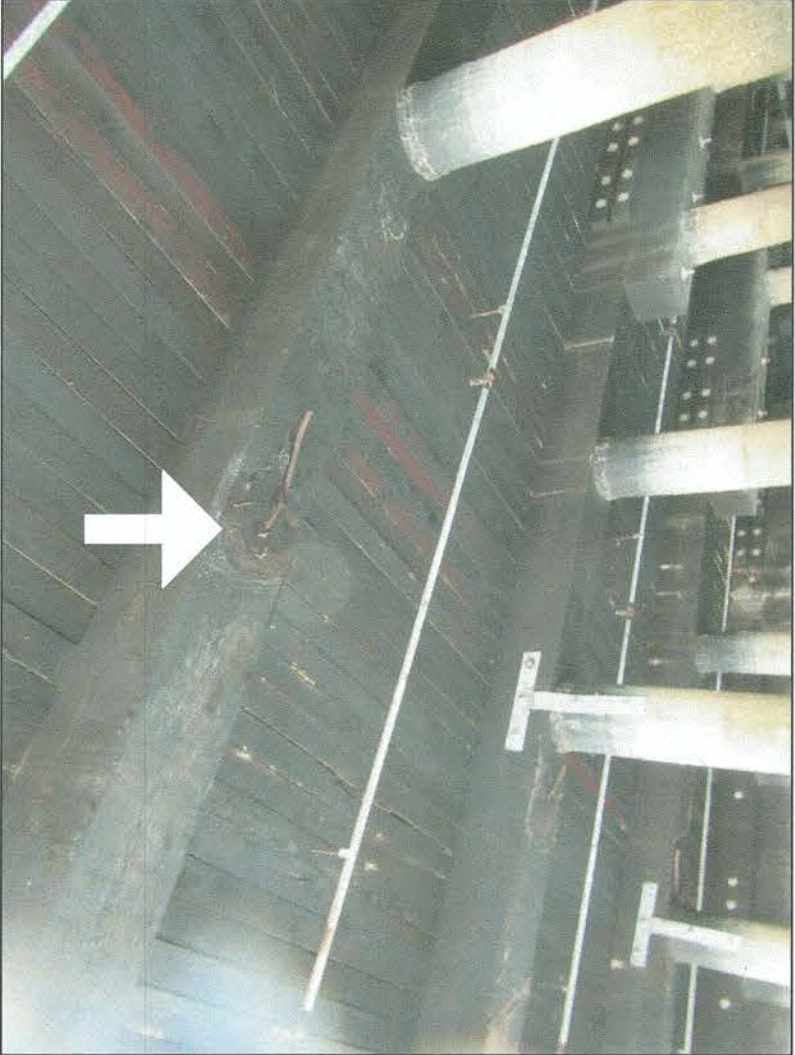
P9 MISALIGNED PILES B112:D & B112:E
S3 LOOKING WEST



P2 BENT 15 DOLPHIN HOOK
S1 LOOKING NORTHWEST



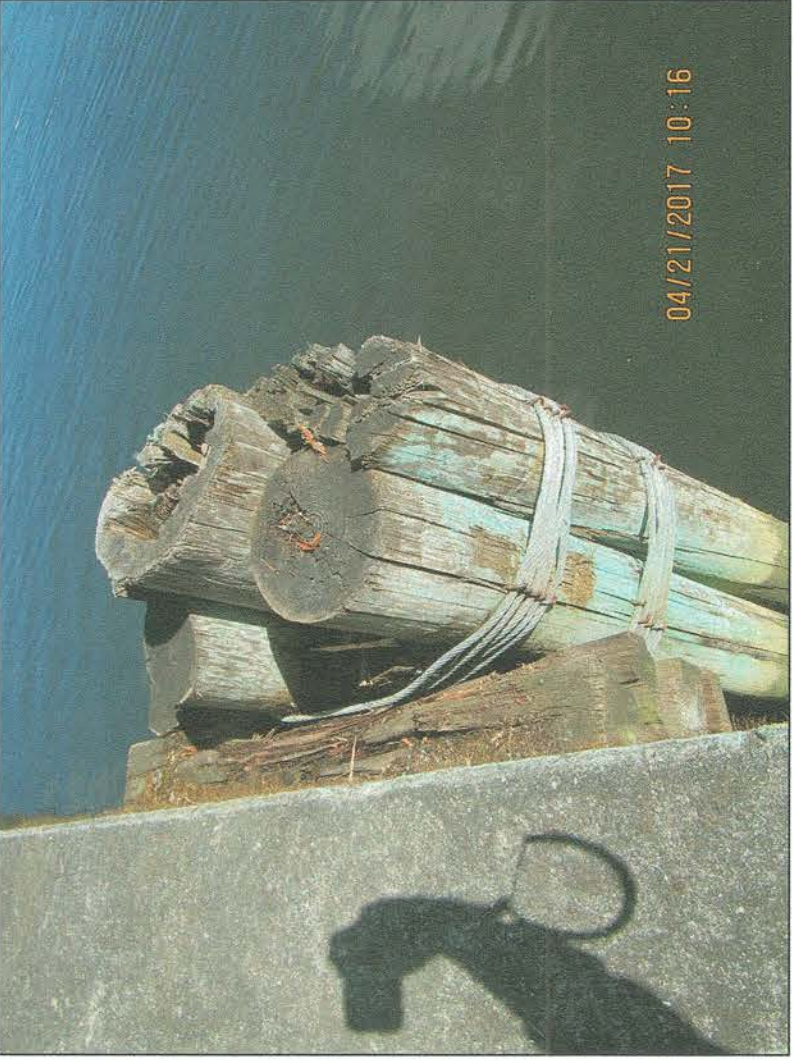
P5 BENT 15 DOLPHIN
S1 LOOKING SOUTHEAST



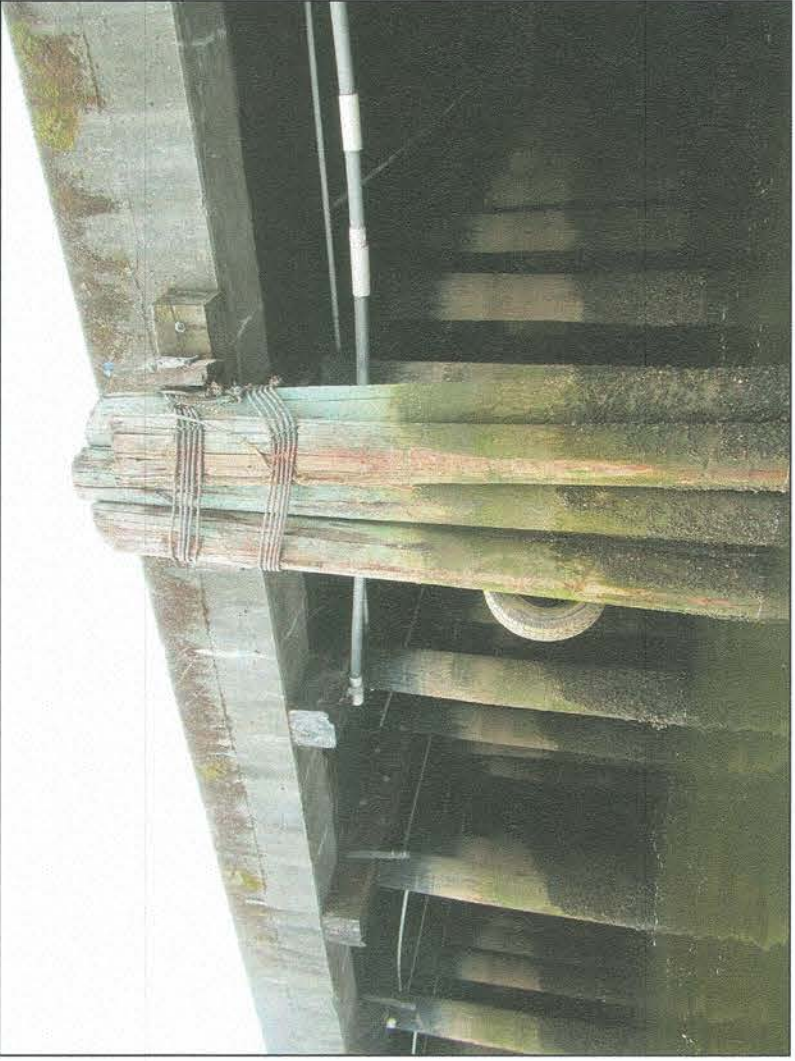
P8 MISSING PILE B30:B
S1 LOOKING SOUTH



P1 BENT 9 DOLPHINS
S1 LOOKING SOUTHWEST



P4 BENT 63 DOLPHIN
S2 LOOKING NORTHWEST



P7 BENT 74 DOLPHIN
S2 LOOKING SOUTH