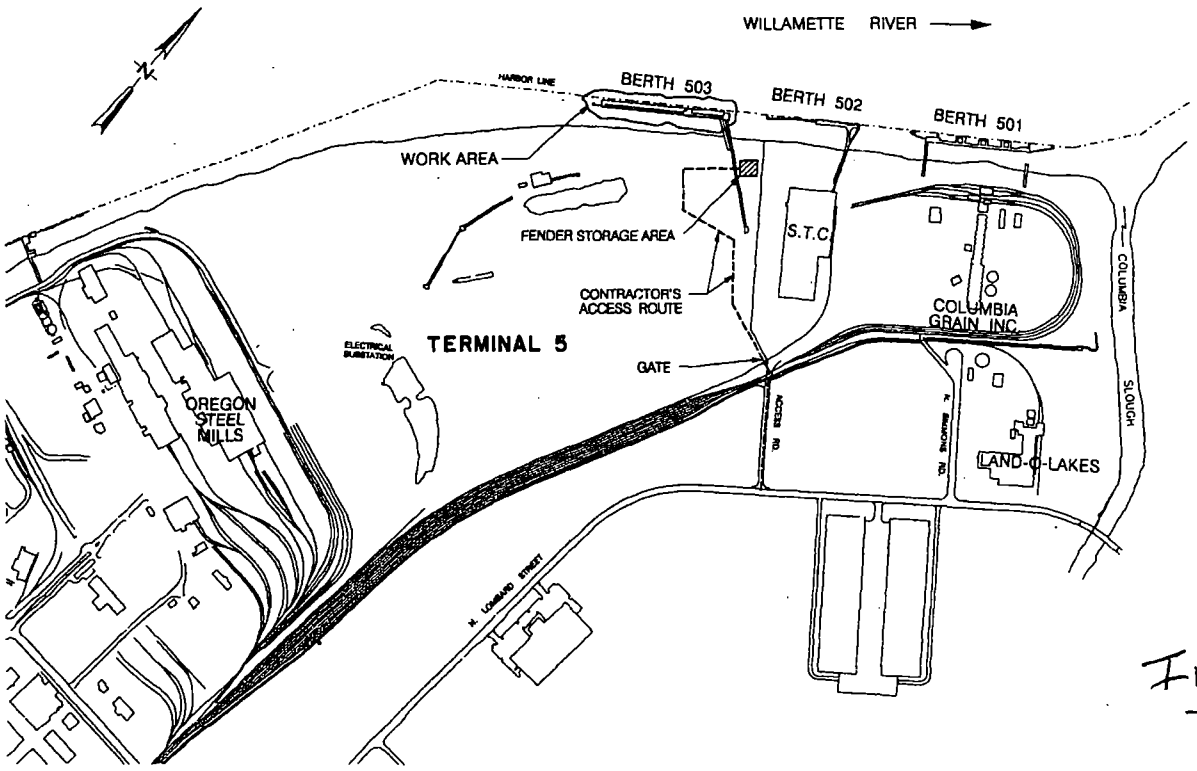
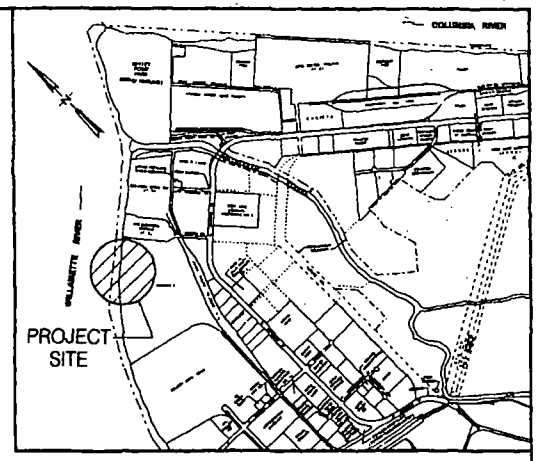
PORSF 11.3.31.5.1 V3



SITE PLAN 1 / S-1



VICINITY MAP 2 / S-1

In-Water (URS)

USEPA SF 1286390

AS CONSTRUCTED

NO.	DATE	BY	REVISIONS	CK'D	APP'VD
1	4/97	T.T.	AS CONSTRUCTED.		

PORT OF PORTLAND
PORTLAND, OREGON

PROJECT MANAGER

REGISTERED PROFESSIONAL ENGINEER — OREGON — DEC. 15, 1976 — WALTER R. HAYNES — EXP. 8/30/97

DESIGNED BY W. HAYNES
DRAWN BY T. TRUONG
CHECKED BY W. HAYNES
DATE OCT. 1995
SCALE AS SHOWN

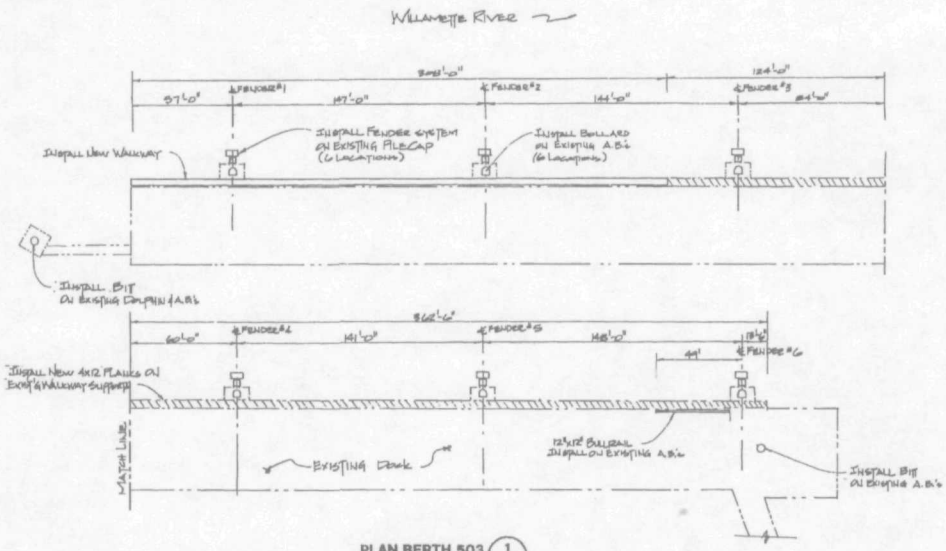
TERMINAL 5

BERTH 503 FENDER SYSTEM
SITE PLAN AND VICINITY MAP

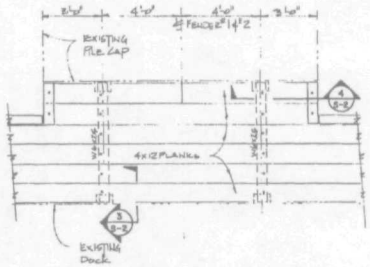
SUBMITTED BY Walter Haynes

DRAWING NO. T5 95-7 1/3 (S-1)

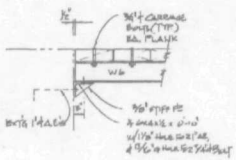
MICROFILMED



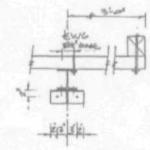
PLAN BERTH 503 (1 / S-2)
SCALE : 1" = 30'



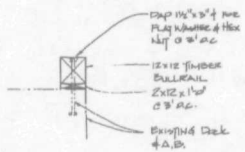
PLAN - WALKWAY AT FENDER (2 / S-2)
SCALE : 3/8" = 1'-0"



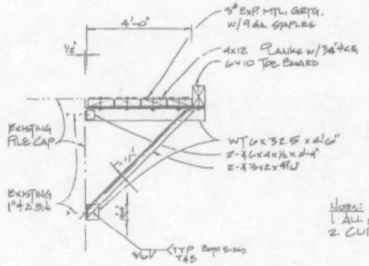
SECTION (3 / S-2)
SCALE : 3/4" = 1'-0"



SECTION (4 / S-2)
SCALE : 3/4" = 1'-0"



BULL RAIL ELEVATION (5 / S-2)
SCALE : 1/2" = 1'-0"



WALKWAY ELEVATION (6 / S-2)
SCALE : 1/2" = 1'-0"

NOTES:
1. ALL STEEL IS GALV - SEE SPECS.
2. CLIP ANGLES - 1 1/8" ⌀ HOLE ON 5 1/2" GAGE

AS CONSTRUCTED

NO.	DATE	BY	REVISIONS	CK'D	APP'VD
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PORT OF PORTLAND
PORTLAND, OREGON
PROJECT MANAGER
940148 — 61755

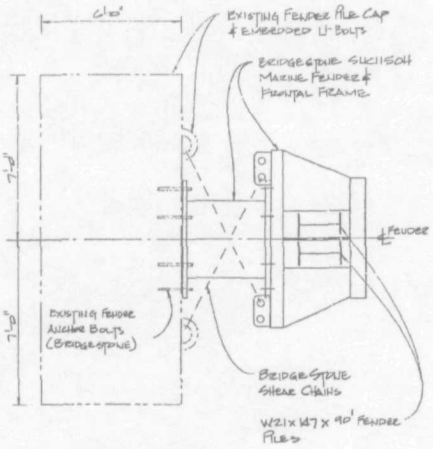
REGISTERED PROFESSIONAL ENGINEER — OREGON — WALTER R. HAYNES
EXP: 6/30/97

DESIGNED BY: W. HAYNES
DRAWN BY: T. TRUONG
CHECKED BY: W. HAYNES
D. "E": OCT. 1995
SCALE: AS SHOWN

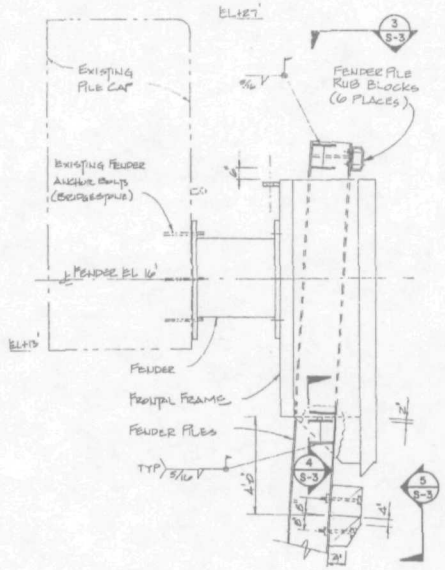
TERMINAL 5
BERTH 503 FENDER SYSTEM
PLAN AND DETAILS

SUBMITTED BY: Walter Hayne
DRAWING NO: T5 95 -7 2/3 (S-2)

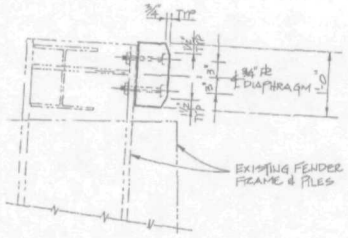
MICROFILMED



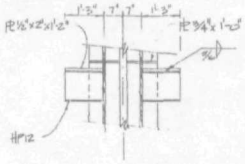
PLAN - FENDERS (1 / S-3)
SCALE : 3/8" = 1'-0"



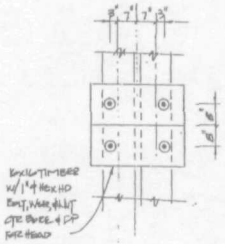
ELEVATION FENDER (2 / S-3)
SCALE : 3/8" = 1'-0"



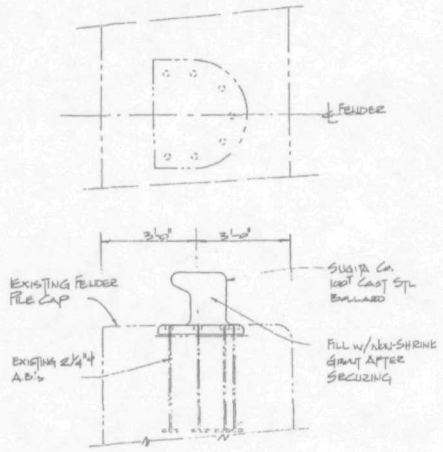
SECTION (3 / S-3)
SCALE : 1" = 1'-0"



SECTION (4 / S-3)
SCALE : 3/8" = 1'-0"

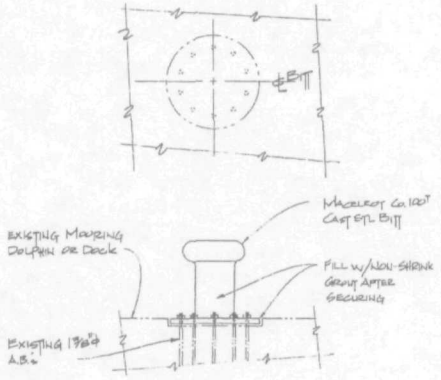


SECTION (5 / S-3)
SCALE : 3/8" = 1'-0"



(6 LOCATIONS)

MOORING BOLLARD DETAILS (6 / S-3)
SCALE : 1/2" = 1'-0"



(2 LOCATIONS)

MOORING BITT DETAILS (7 / S-3)
SCALE : 1/2" = 1'-0"

AS CONSTRUCTED

NO.	DATE	BY	REVISIONS	CK'D	APP'VD
1	4/97	T.T.	AS CONSTRUCT'D.		

PORT OF PORTLAND
PORTLAND, OREGON
PROJECT MANAGER
94D148 (DESIGN NUMBER) 81755 (PROJECT NUMBER)

REGISTERED PROFESSIONAL ENGINEER 10014 OREGON DEC. 15, 1978 WALTER R. HAYNES
EXP: 6/30/97

DESIGNED BY	W. HAYNES
DRAWN BY	T. TRUONG
CHECKED BY	W. HAYNES
DATE	OCT. 1995
SCALE	AS SHOWN

TERMINAL 5
BERTH 503 FENDER SYSTEM
DETAILS
SUBMITTED BY: PROJECT ENGINEER
DRAWING NO. T5 95 -7 3/3 (S-3)

MICROFILMED