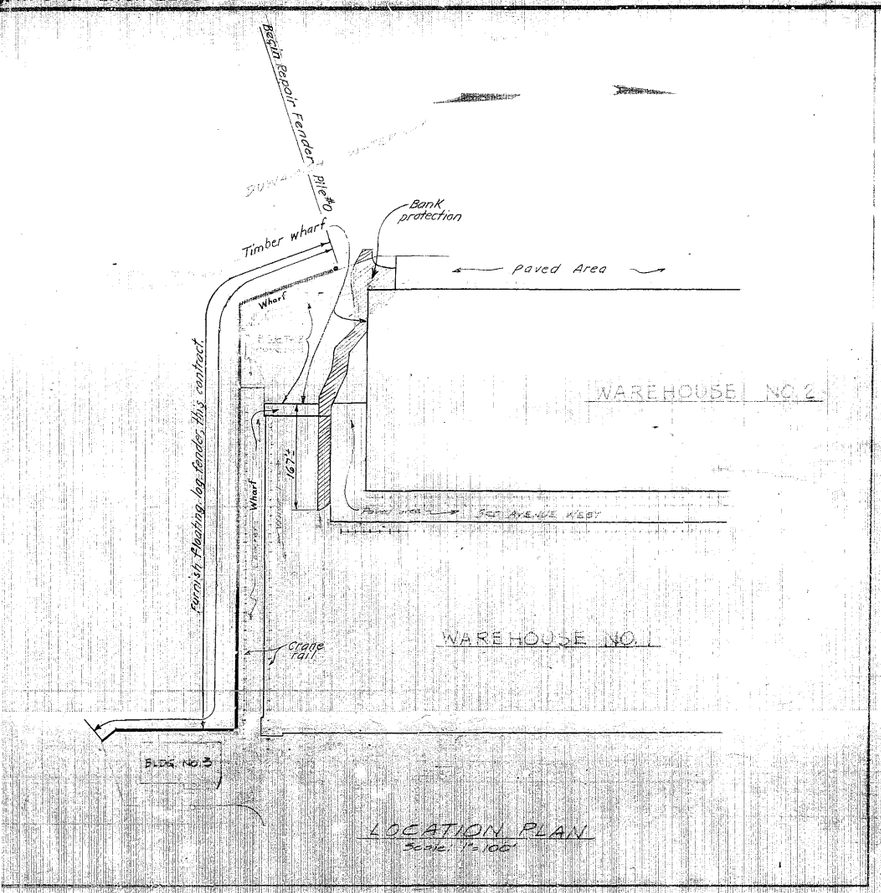
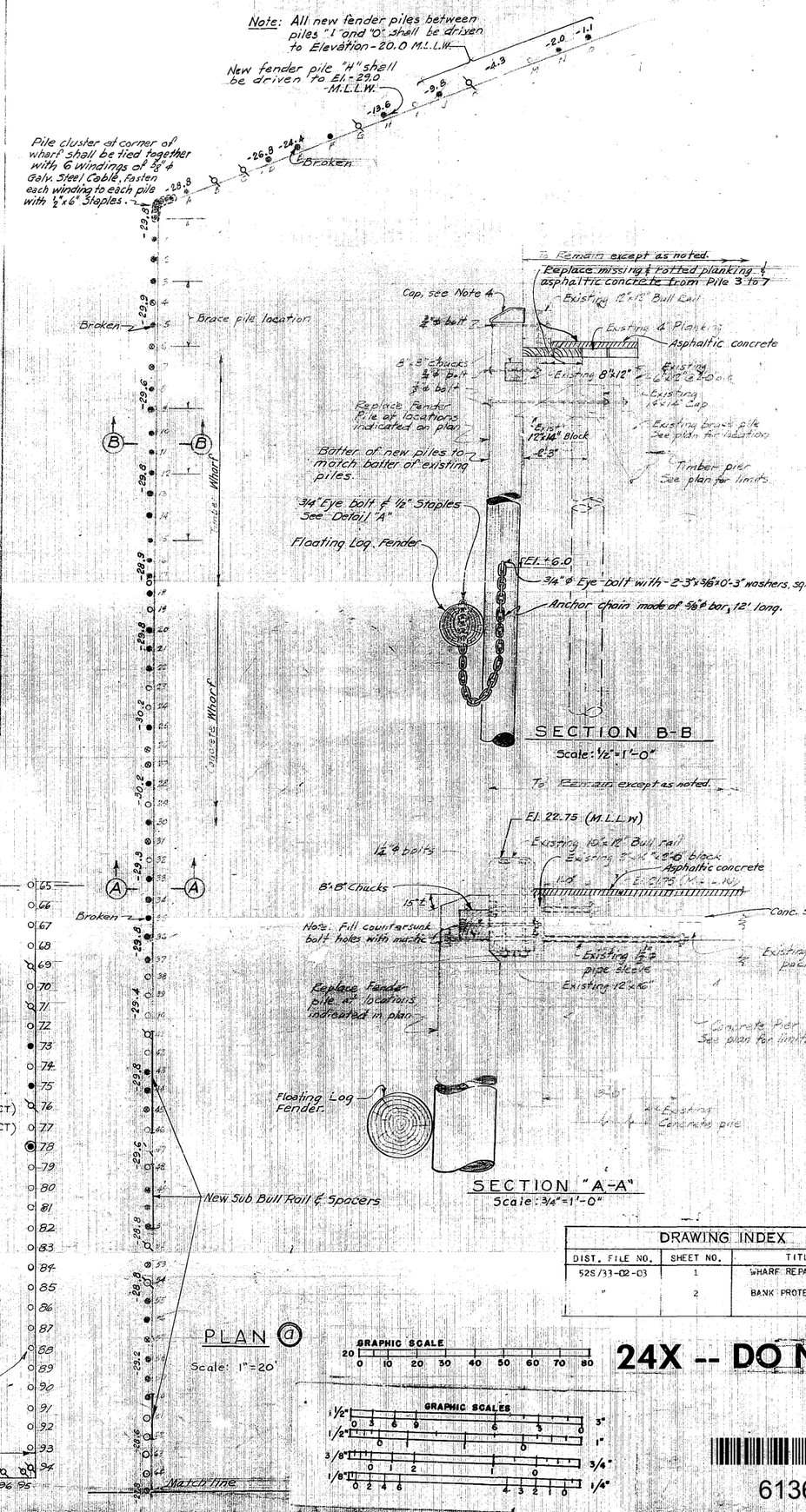
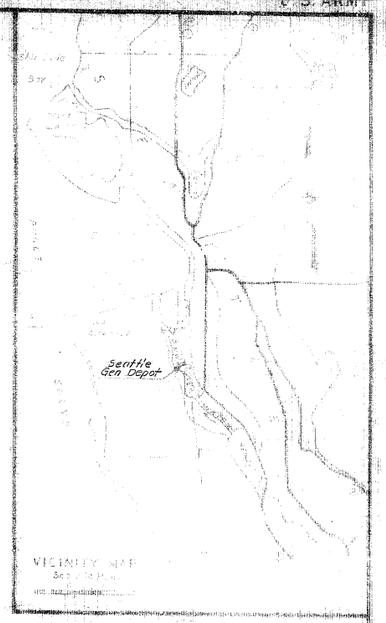


LOCATION PLAN
Scale: 1" = 100'





SCHEDULE OF TIMBER & FLOORING TO BE REPLACED

A. BULL RAIL

REMOVE EXISTING AND FURNISH & INSTALL NEW BULL RAIL:

1. FROM PILE 9 AROUND CORNER OF WHARF TO PILE 8.
2. BETWEEN PILES 14 AND 33
3. " " 51 AND 61

B. CHUCKS

REMOVE EXISTING, FURNISH & INSTALL NEW CHUCKS:

1. FROM PILE 8 AROUND CORNER OF WHARF TO PILE 8.
2. BETWEEN PILES 12 & 35.
3. " " 42 & 46.
4. " " 51 & 61
5. " " 80 & 81.
6 " " 91 & 92.

C. 8" x 12" AND 12" x 14" TIMBERS (SEE SECTION B – B)

REMOVE EXISTING, FURNISH & INSTALL NEW 8"x12" AND 12" x 14" TIMBERS:

1. BETWEEN PILES 4 & 8.

D. 12" x 16" TIMBERS & 3" x 16" BLOCKING. (SEE SECTION A – A.)

REMOVE EXISTING, FURNISH & INSTALL NEW 12" x 16" TIMBERS & 3"x16" BLOCKING:

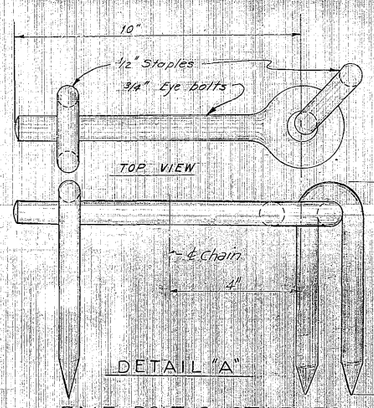
1. BETWEEN PILES 18 & 33.
2. " " 51 & 61.

E. FLOORING:

REPLACE MISSING AND ROTTED PLANKING & ASPHALTIC CONCRETE FROM PILE 3 TO PILE 7.

NOTES

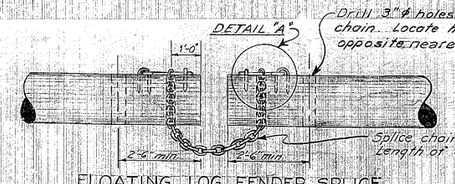
1. REPLACE FASTENINGS WHERE REQUIRED WITH GALVANIZED HARDWARE.
2. DRIVE ALL NEW FENDER PILES TO -42.0 M.L.L.W. EXCEPT AS NOTED.
3. SOUNDINGS SHOWN ARE ELEVATIONS TO MLLW DATUM TAKEN 8 JUNE 1953.
4. PROVIDE 22 GA. GALVANIZED METAL CAP FOR ALL FENDER PILES. CAP SHALL EXTEND 3" BEYOND TOP SURFACES OF PILE AND THE CAP EDGES BENT DOWN AND NAILED TO PILE WITH 8d GALV. NAILS AT 6" CENTERS. APPLY MASTIC COATING ON TOP OF PILES BEFORE PLACING METAL CAP.
5. LOGS TO BE USED FOR FLOATING LOG FENDER SHALL BE UNTREATED DOUGLAS FIR WITH A MINIMUM TOP DIAMETER OF 16". LOGS SHALL BE APPROXIMATELY 40' LONG. FOR EXTENSION OF FLOATING LOG FENDER, SEE LOCATION PLAN.



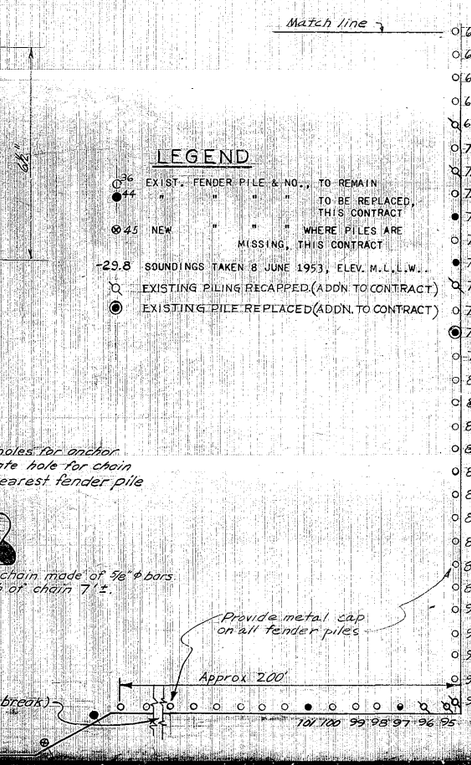
DETAIL "A"
EYE BOLT & STAPLES
Scale: 1/2" = 1"

LEGEND

- EXIST. FENDER PILE & NO., TO REMAIN
- " " " " TO BE REPLACED, THIS CONTRACT
- NEW " " " WHERE PILES ARE MISSING, THIS CONTRACT
- -29.8 SOUNDINGS TAKEN 8 JUNE 1953, ELEV. M.L.L.W.
- EXISTING PILING RECAPPED. (ADD'N. TO CONTRACT)
- EXISTING PILE REPLACED (ADD'N. TO CONTRACT)



FLOATING LOG FENDER SPLICE
Scale: 1/2" = 1'-0"



DRAWING INDEX		
DIST. FILE NO.	SHEET NO.	TITLE
52S/33-02-03	1	WHARF REPAIR
"	2	BANK PROTECTION

24X -- DO NOT SCALE

613694

REVISION	DATE	DESCRIPTION	BY
a1	MAR 55	16 RECAPS & 1 NEW PILE, ADDITION TO CONTRACT "AS BUILT"	

CORPS OF ENGINEERS, U. S. ARMY
OFFICE OF THE DISTRICT ENGINEER, SEATTLE, WASHINGTON

SEATTLE WASHINGTON
SEATTLE GENERAL DEPOT
4735 EAST MARGINAL WAY
WHARF REPAIR & BANK PROTECTION
WHARF REPAIR

DRAWN BY
TRACED BY
CHECKED BY
PREPARED: B. Van Haasen, CHIEF, STRUCTURAL DESIGN SECTION
REVIEWED: Bert Kuchler, CHIEF, SAFETY BRANCH
APPROVED: W. M. Macha, COL. CORPS OF ENGINEERS, DISTRICT ENGINEER
SUBMITTED: Paul L. Bauman, CHIEF, ENGINEERING DIVISION
RECOMMENDED: Lorne A. Bailey, CHIEF, ENGINEERING DIVISION

DATE 15 SEPT 1954
SCALE AS SHOWN
SPEC. NO.
DRAWING NUMBER 33-02-03
SHEET 1 OF 2

CONTRACT DRAWING - AS BUILT
WASH. NO. 1 FILE NO. 52S/33-02-03