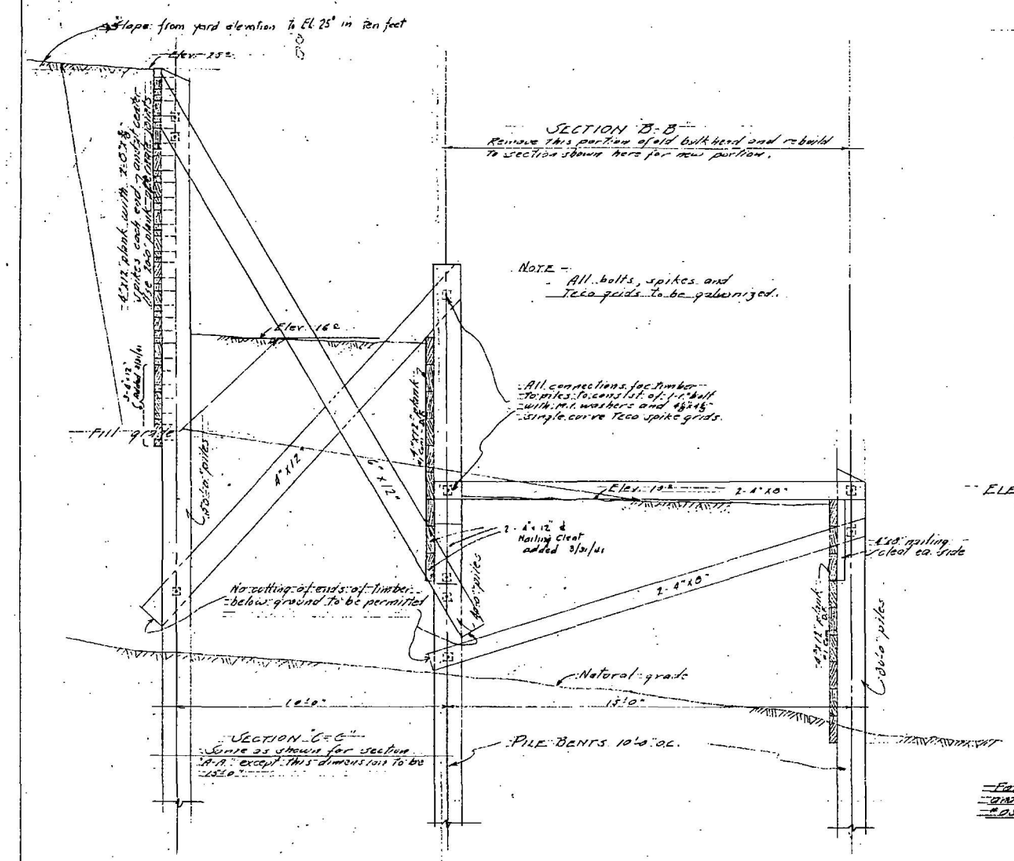
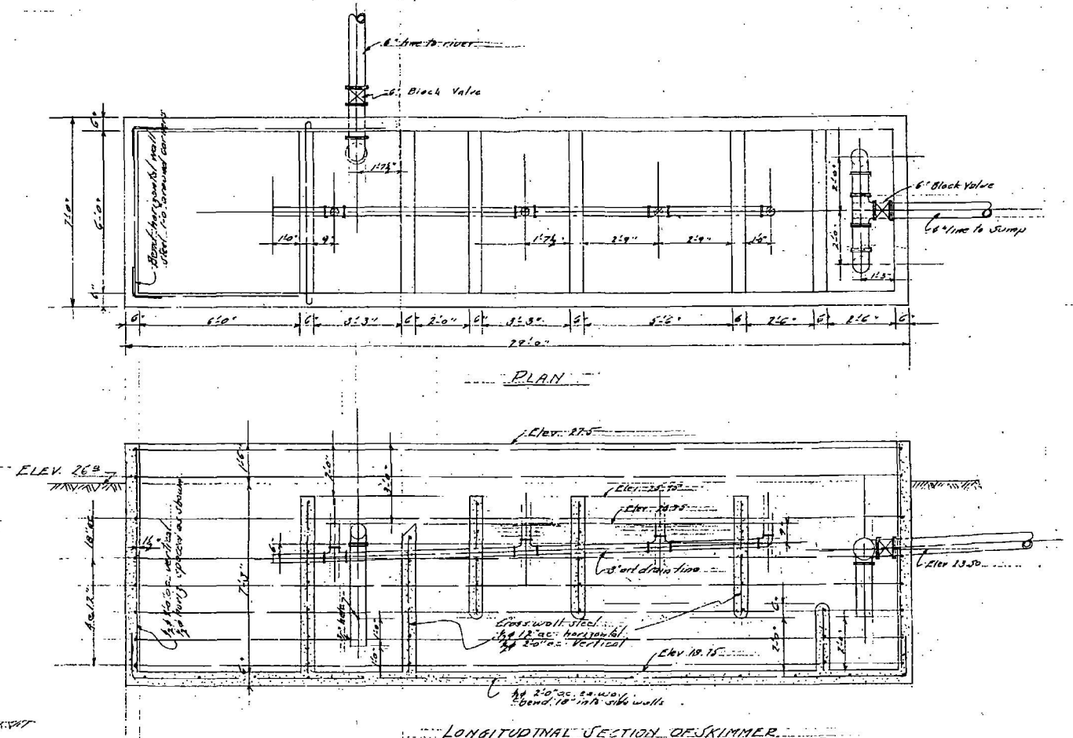
PORSF
11.3.18.1
V7



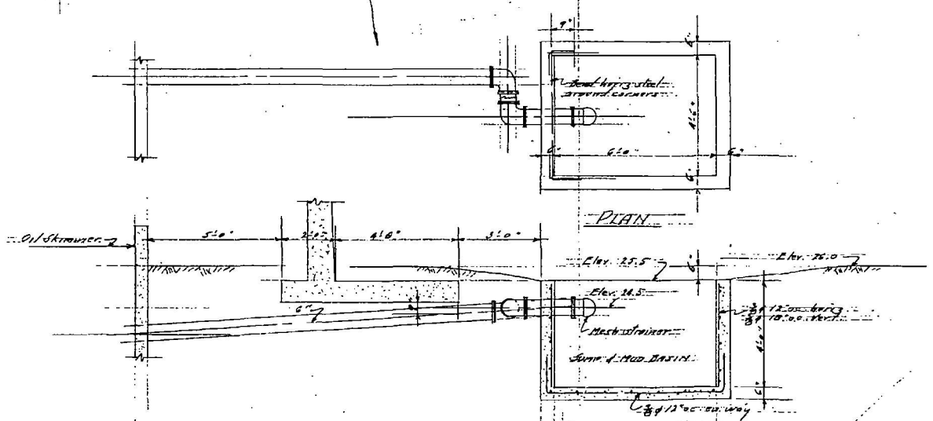
BULKHEAD SECTION A-A
SHOWING TYPICAL BULKHEAD BENT
SCALE ½"=1'-0"



LONGITUDINAL SECTION OF SKIMMER

For relative location of sump and oil skimmer see Dwg. #0322-D285 (Cranser sh. #1)

DRAINAGE SUMP & OIL SKIMMER
SCALE ½"=1'-0"



SECTION OF SUMP

GENERAL NOTES.

Approximate grades of property to be filled are shown by contour lines on sheet #1. All ground inside new retaining wall and for 10'-0" outside of wall which is now above Elev. 26.0 to be brought down to new yard grade at Elev. 26.0.
New fill behind bulkhead to be brought up to Elev. 26.5 within 10'-0" of bulkhead and then sloped to Elev. 25.0 at bulkhead face.
See specifications for quality and kind of fill permitted.
All elevations given are from U.S. Engineers Datum.
All piling and bulkhead timber to be pressure creosoted - see specifications.

USEPA SF
1288391

TIDEWATER ASSOCIATED OIL CO.
ASSOCIATED DIVISION
BULKHEAD & SUMP DETAILS
INSTALLED 1941.
LINTON, PORTLAND, ORE.
FEB. 3, 1941
Arthur P. Cranser, Engr.
Portland, Oregon
0322-D284
SHEET No. 3