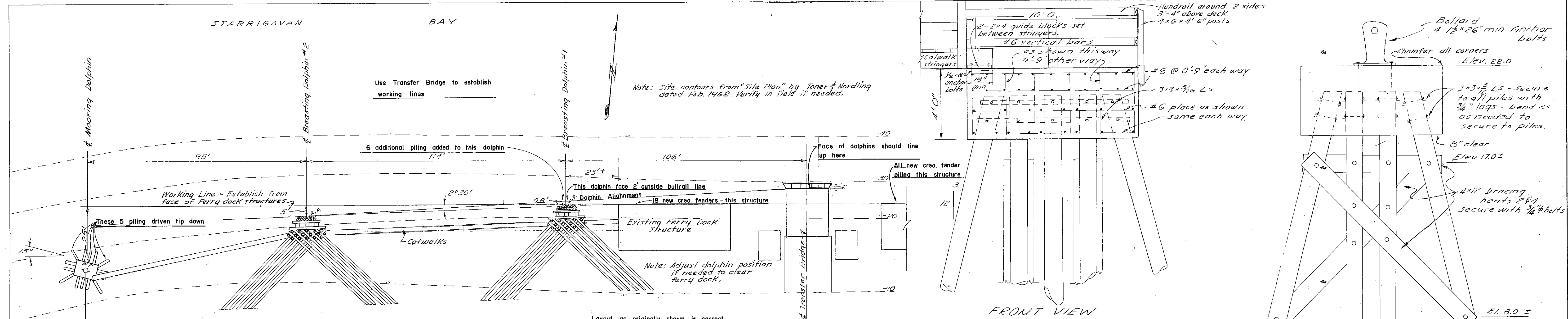
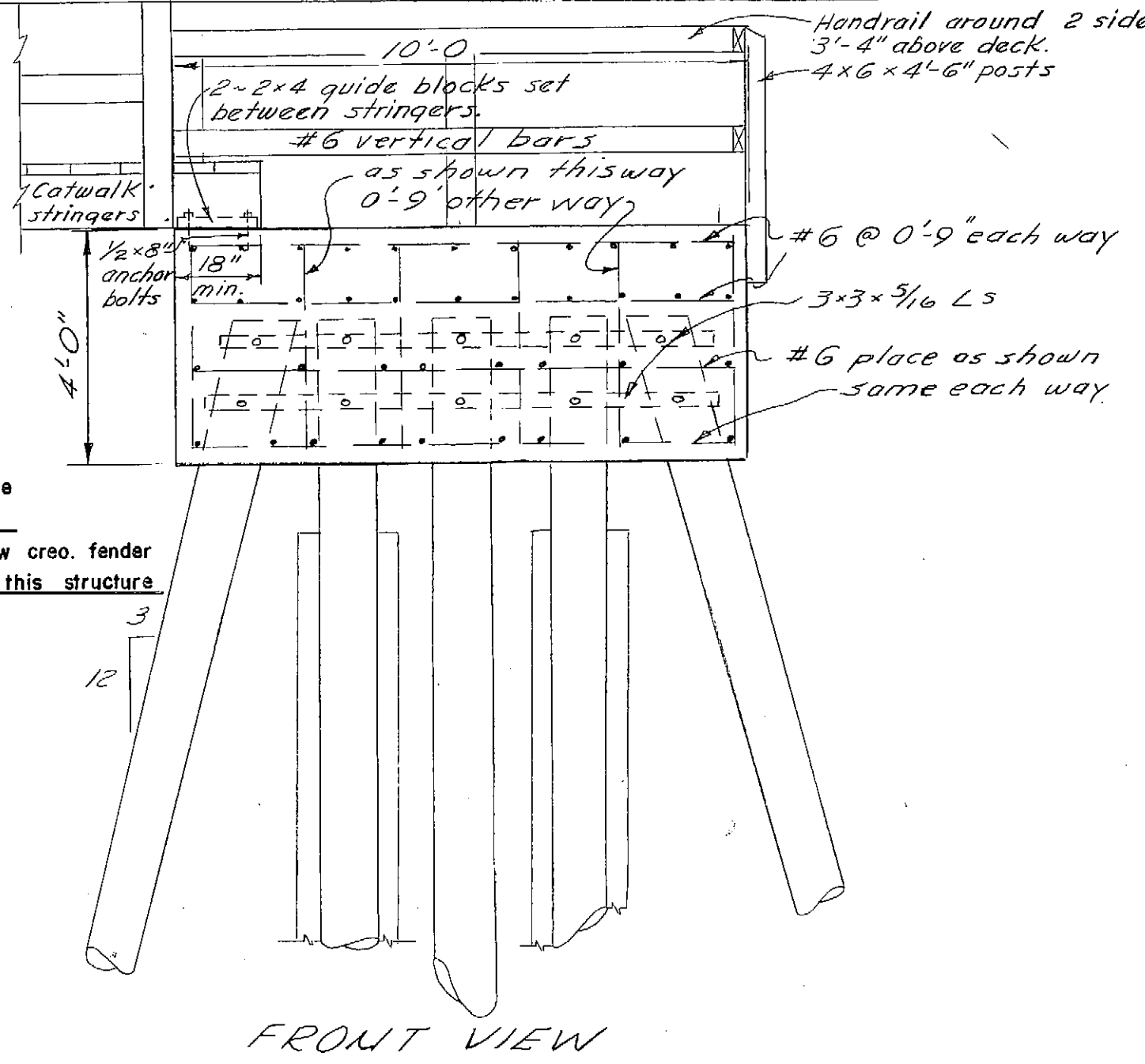


Use Transfer Bridge to establish working lines

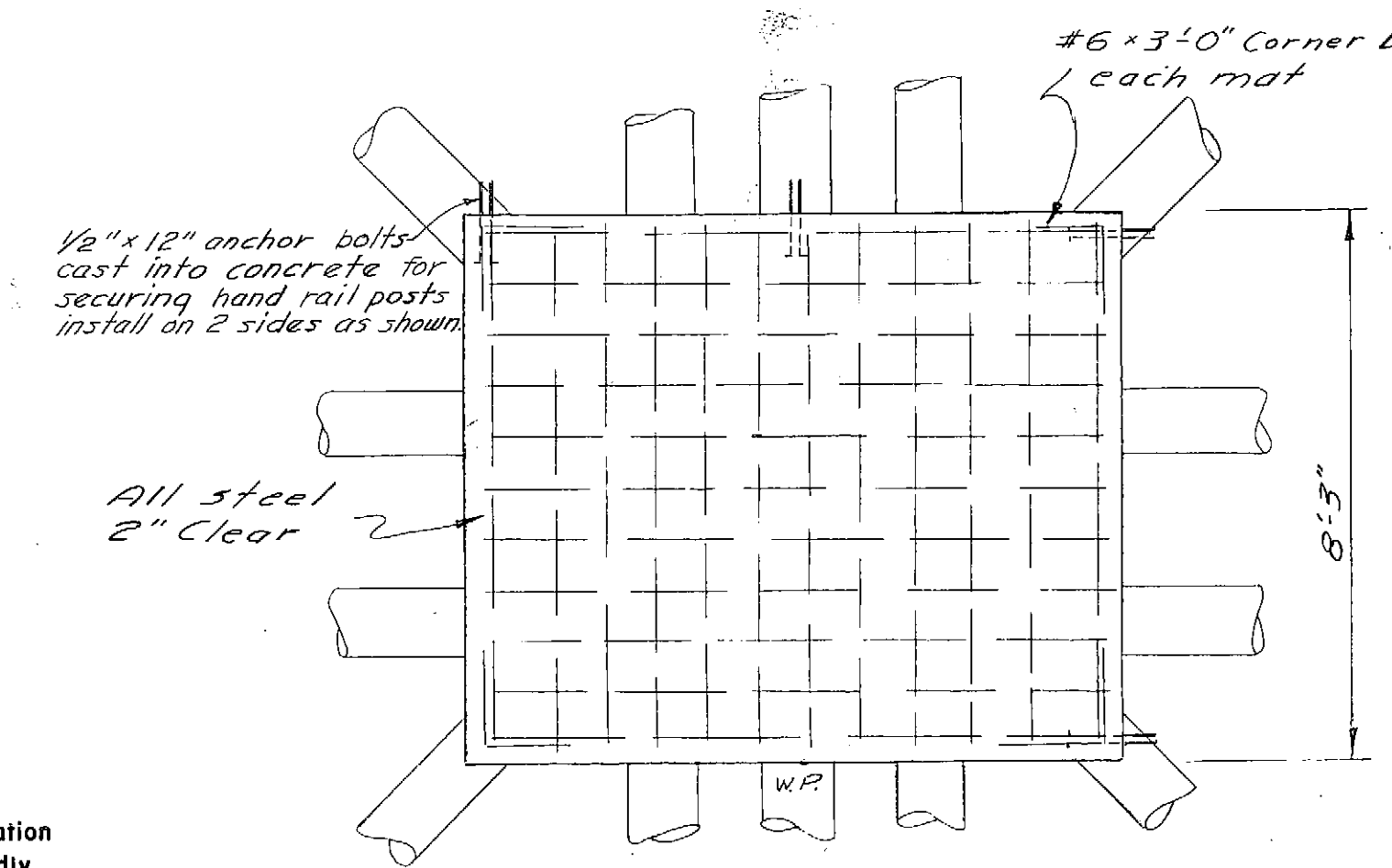
Note: Site contours from "Site Plan" by Toner & Nordling dated Feb. 1962. Verify in field if needed.



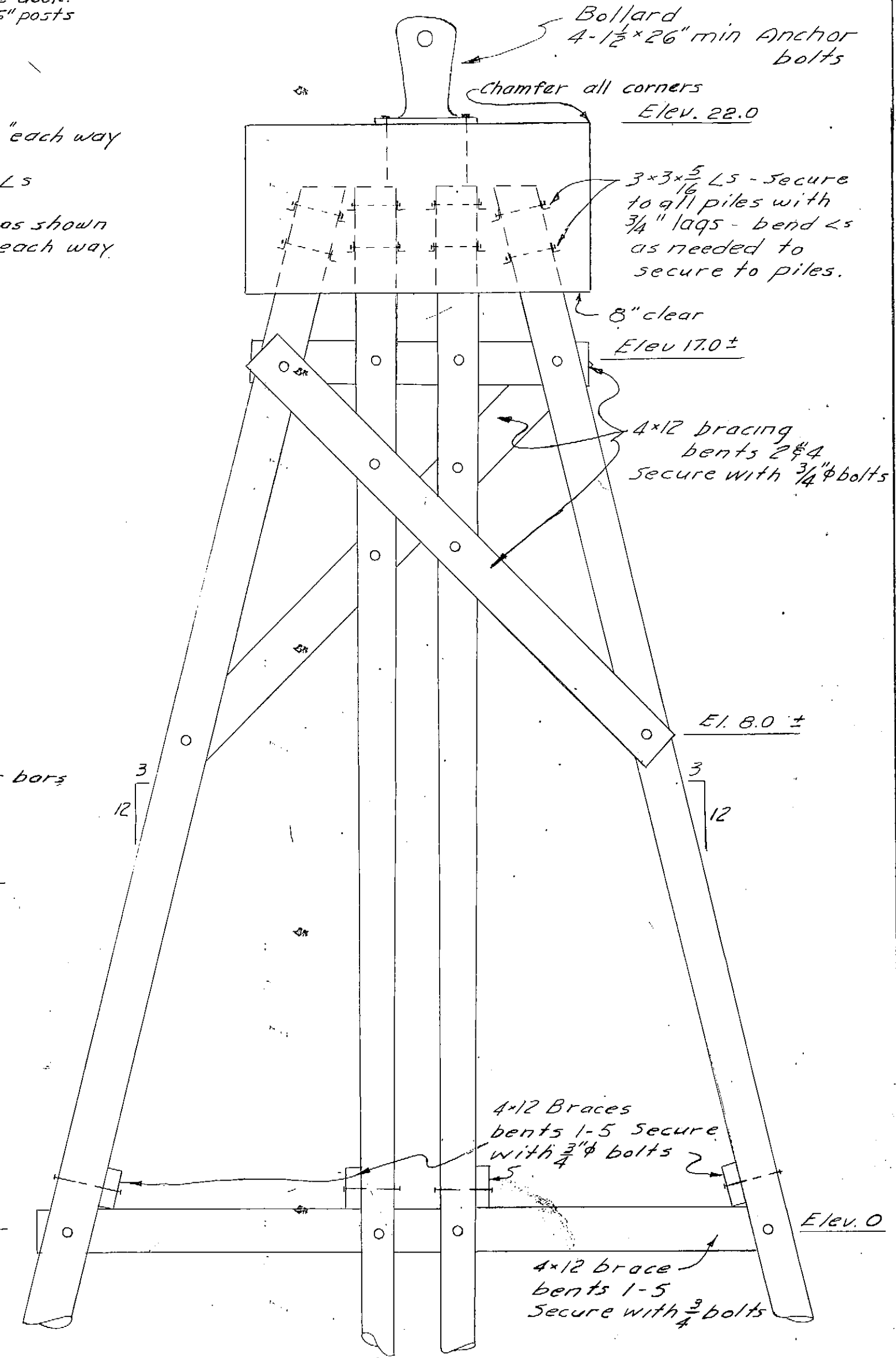
LAYOUT OF DOLPHIN ADDITION Scale 1"=20'



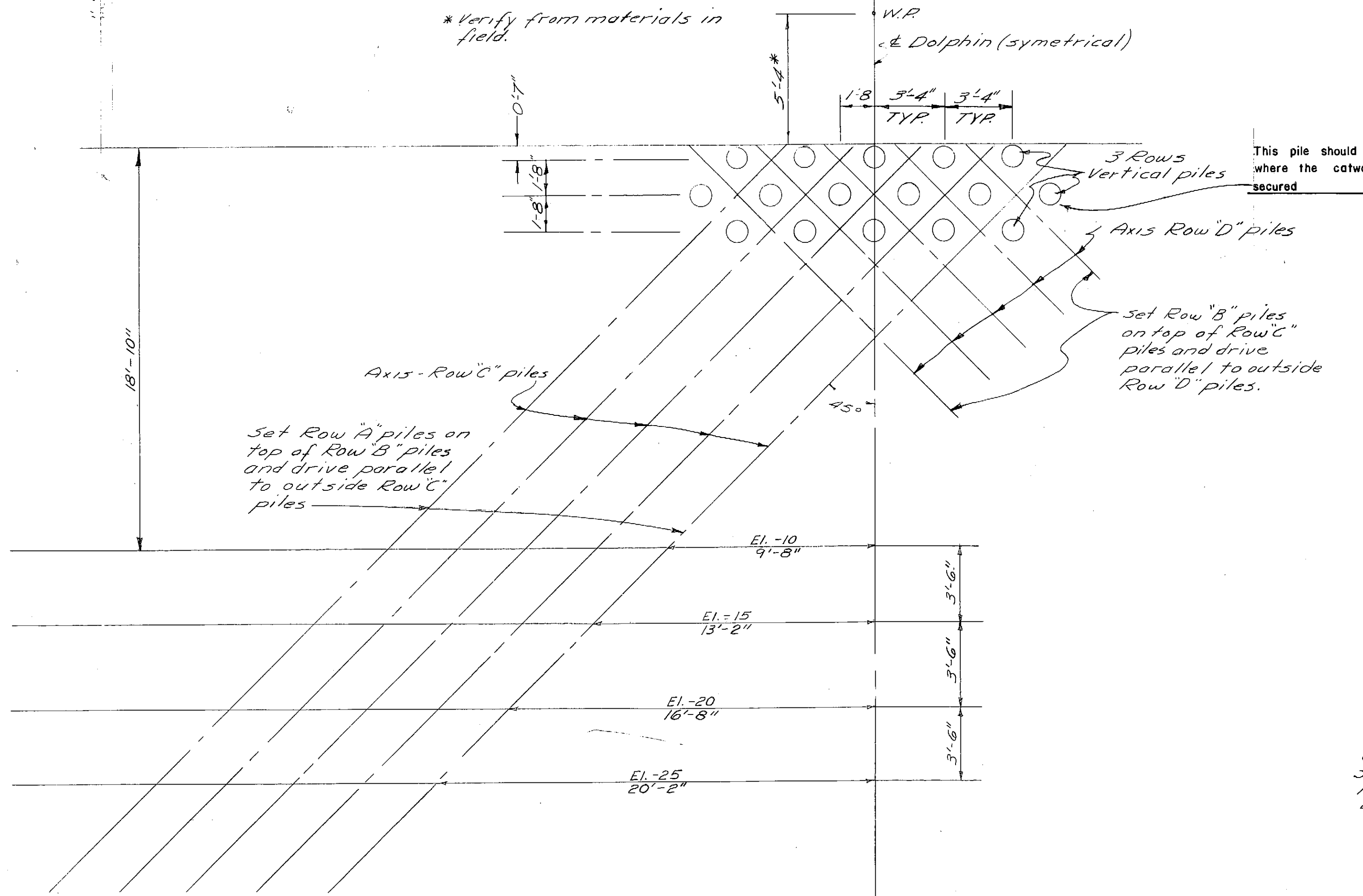
FRONT VIEW



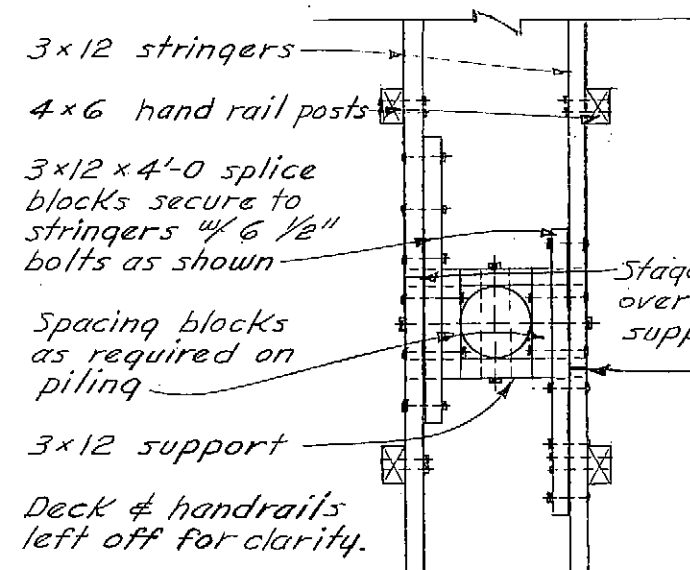
PLAN



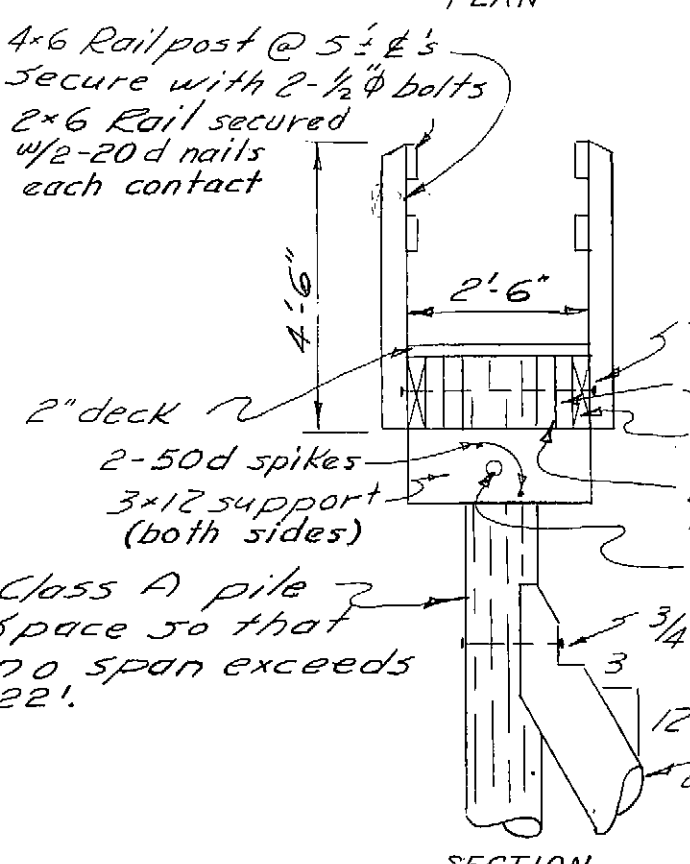
ELEVATION



BREASTING DOLPHIN PILE LAYOUTS Scale 1/4"=1'-0"



PLAN



SECTION

CATWALK DETAILS Scale 3/8"=1'-0"

Dolphin Notes

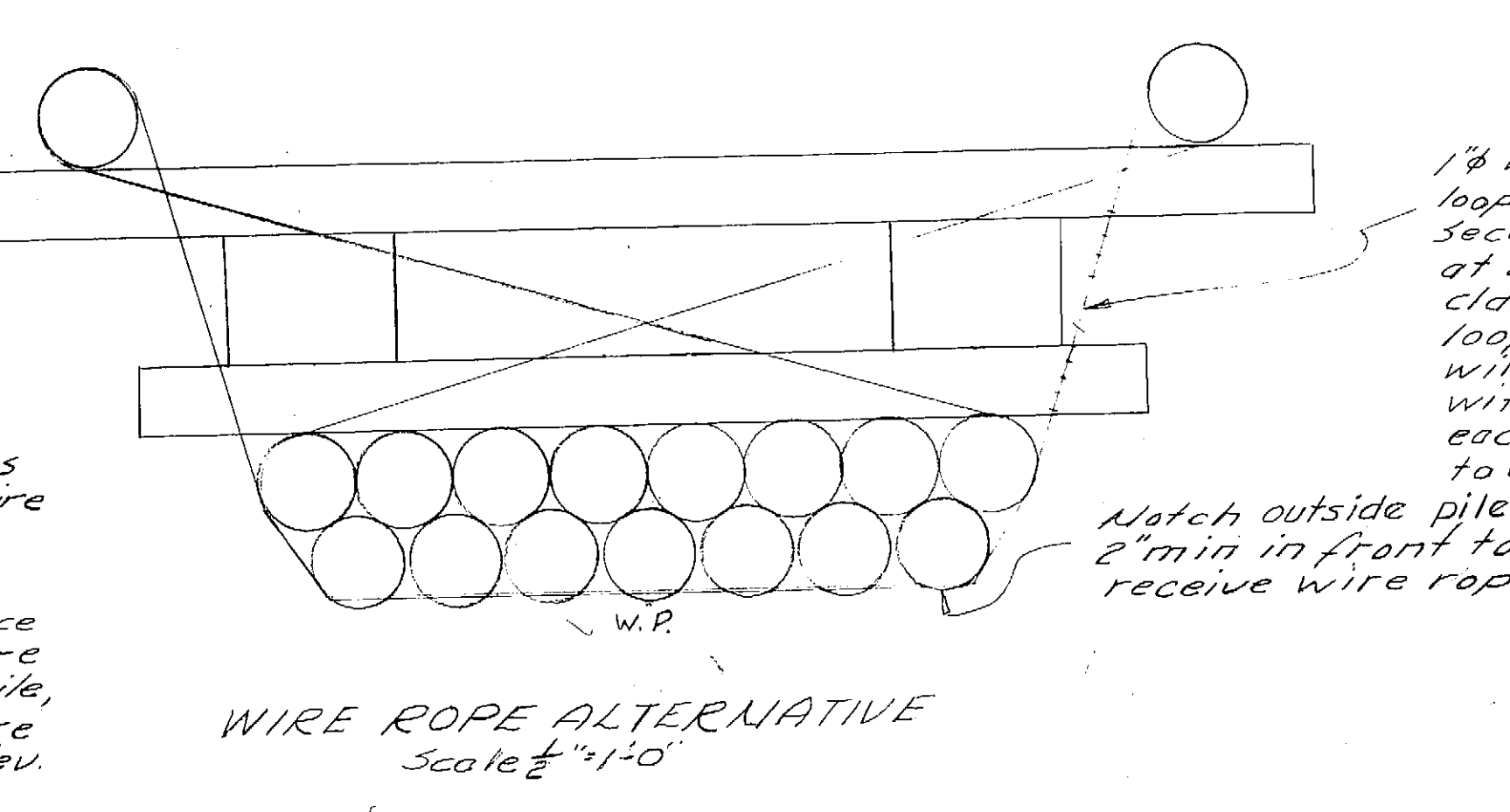
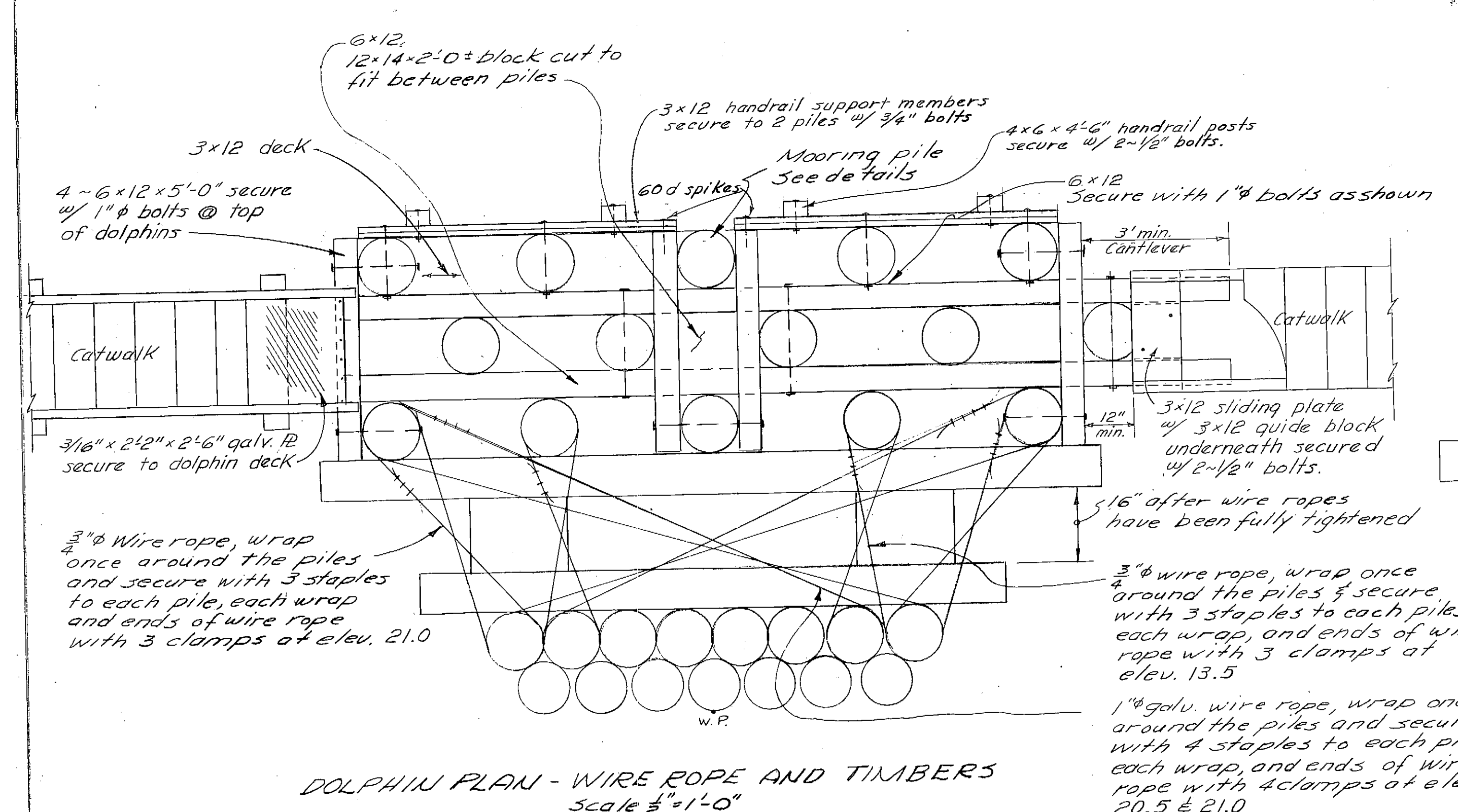
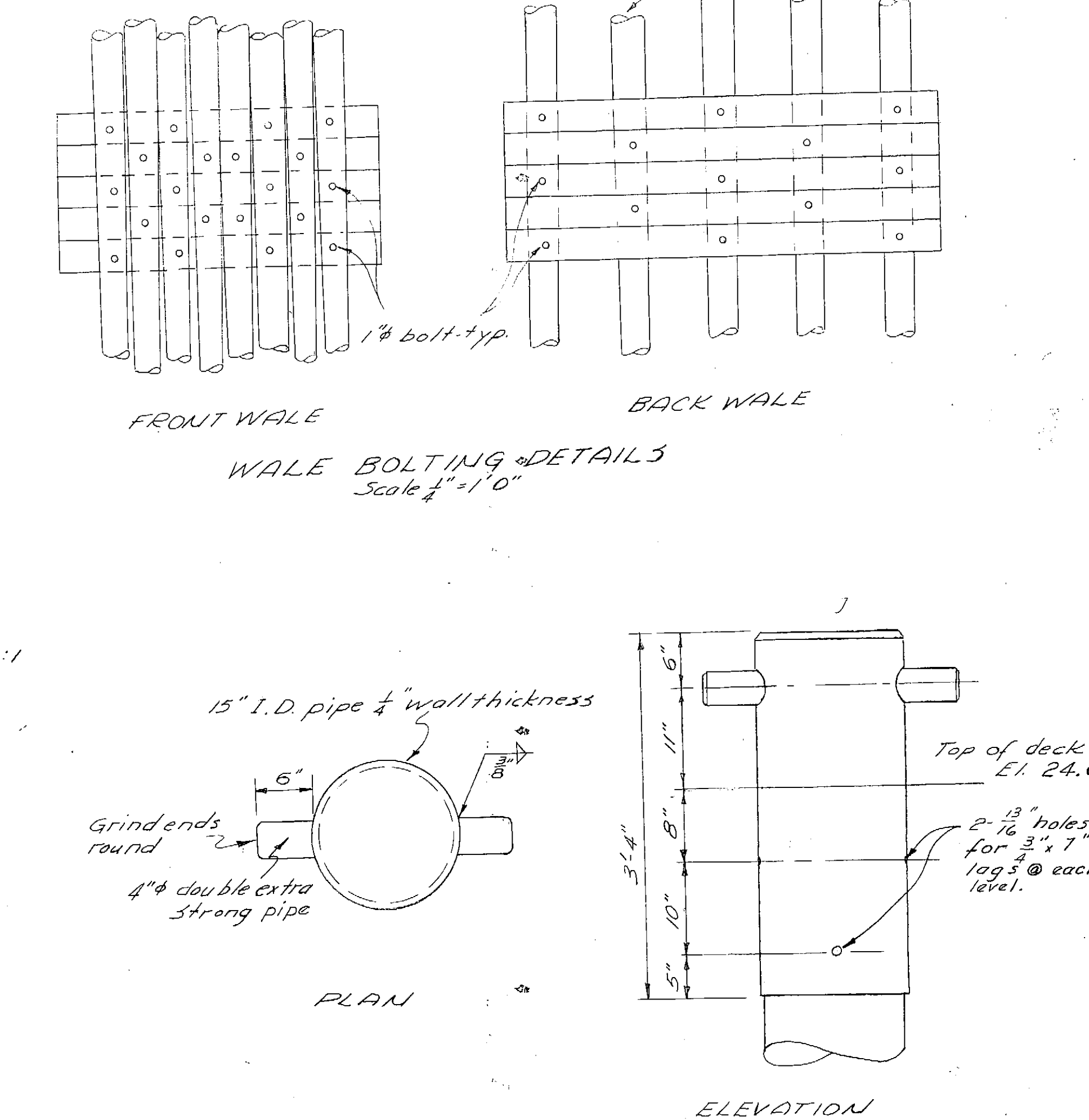
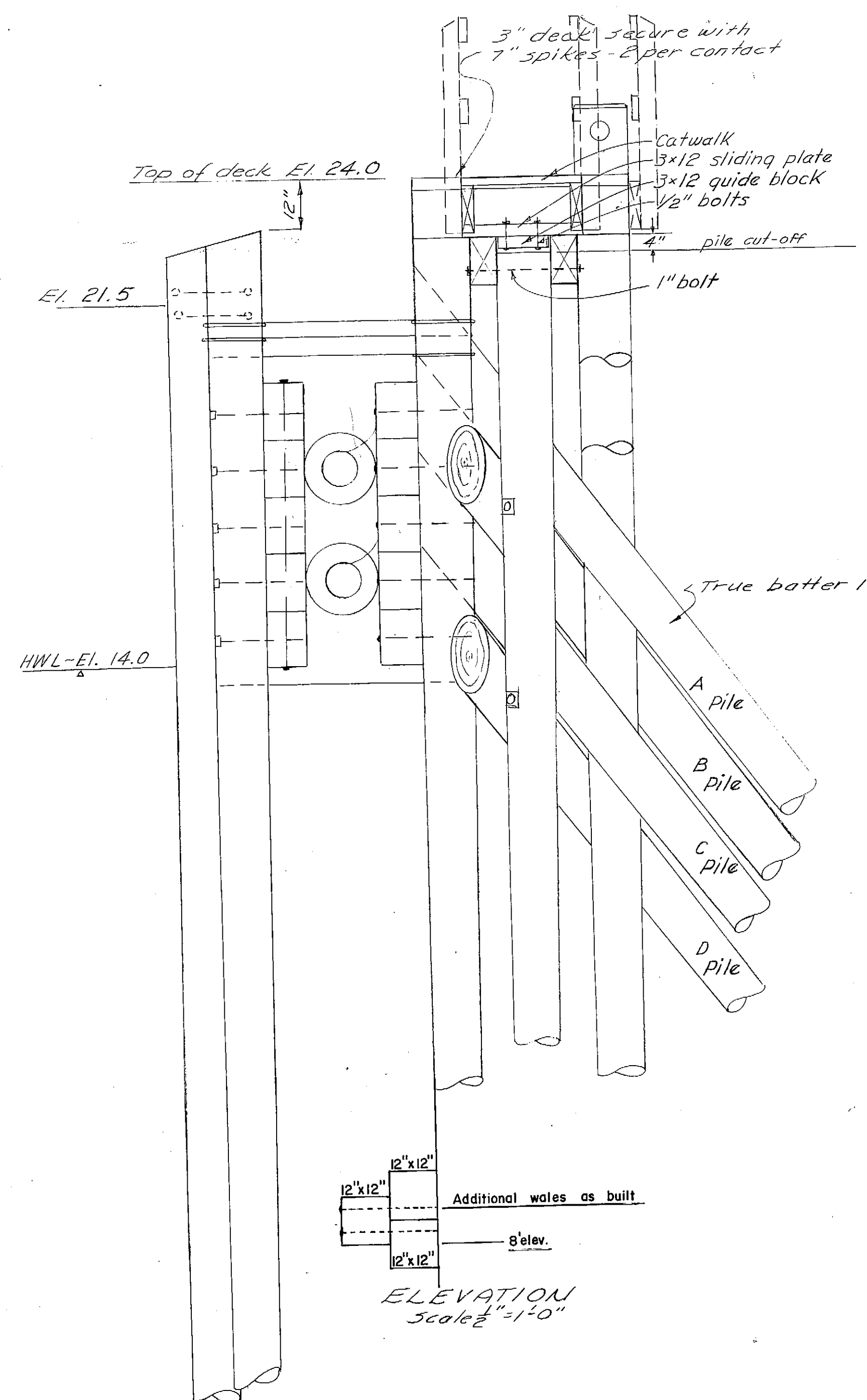
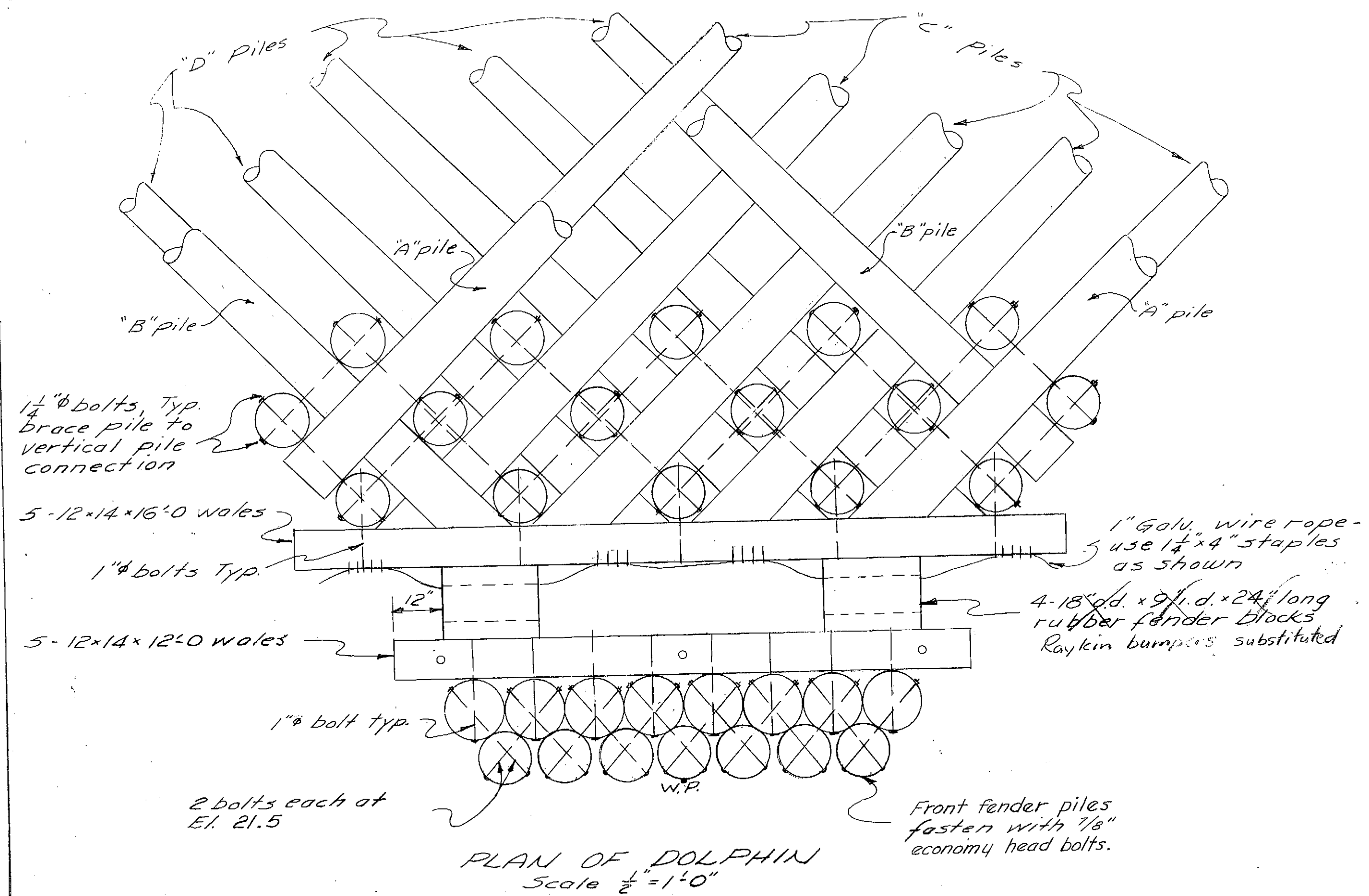
Mooring dolphin piles shall be Class A driven to a minimum penetration of 15' and a bearing value of 25 tons minimum. At least 18 tons of bearing must be developed 3' above final tip elevation during driving.

MOORING DOLPHIN DETAILS Scale 3/8"=1'-0" (except as noted)

Note: Mooring loads and vessel details not available. Mooring dolphin designed for a 60,000 lbs transverse mooring load and a 25,000 lbs longitudinal springing load. Loads applied simultaneously. By CAMPBELL & Assoc.

PILE LAYOUT Scale 1/4"=1'-0"

STATE OF ALASKA DEPARTMENT OF PUBLIC WORKS DIVISION OF WATER AND HARBORS	
DOLPHIN ADDITIONS SITKA FERRY TERMINAL	
SCALE AS SHOWN DATE Jan. 20, 1969 PROJ. NO. MT. 105	AS BUILT APPROVED DON STATTER DIRECTOR
SURVEYED BY	DRAWN BY 45 CHECKED BY D.W.



- NOTES**
1. Whenever a brace pile passes between two vertical piles, the three piles shall be connected with a 1/4" bolt. (2 connections per brace pile.)
 2. The fender holding cables shall be tightened fully and the rubber fender blocks compressed so the distance between wales will measure no more than 16".
 3. Use 1/2" washers for all dolphin bolts in the following sizes: 1/4" x 5/8" - for 1/4" bolts (2 req'd per bolt) 1/2" x 4" - for 1/2" bolts (2 req'd per bolt)
 4. All piling to driven tip down to 15' penetration.

Design by Swan-Wooster Engineering
Vancouver, B.C.
Design for Alaska Barite Co.
Barite Island Development
Elevations revised for use at Sitka.
Revisions by Alaska Dept. of Public Works.

AS BUILT

STATE OF ALASKA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF WATER AND HARBORS

**DOLPHIN ADDITIONS
SITKA FERRY TERMINAL**

SCALE As Shown
DATE Jan. 20, 1969
PROJ. NO. M.T. 105

APPROVED DON STATTER
DIRECTOR

SURVEYED BY AS
DRAWN BY AS
CHECKED BY D.W.

By CAMPBELL & Assoc.
Sheet 2 of 2