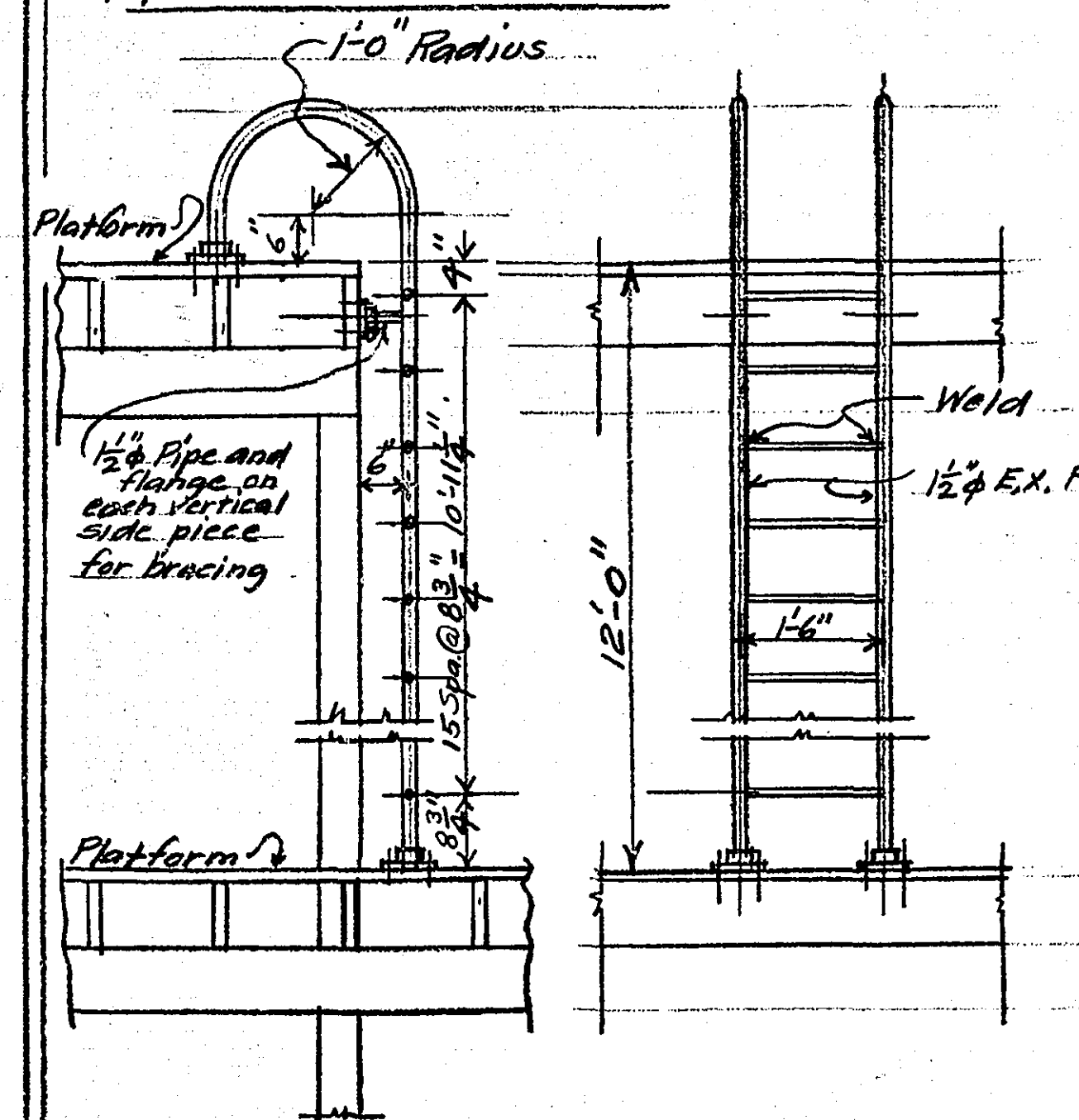
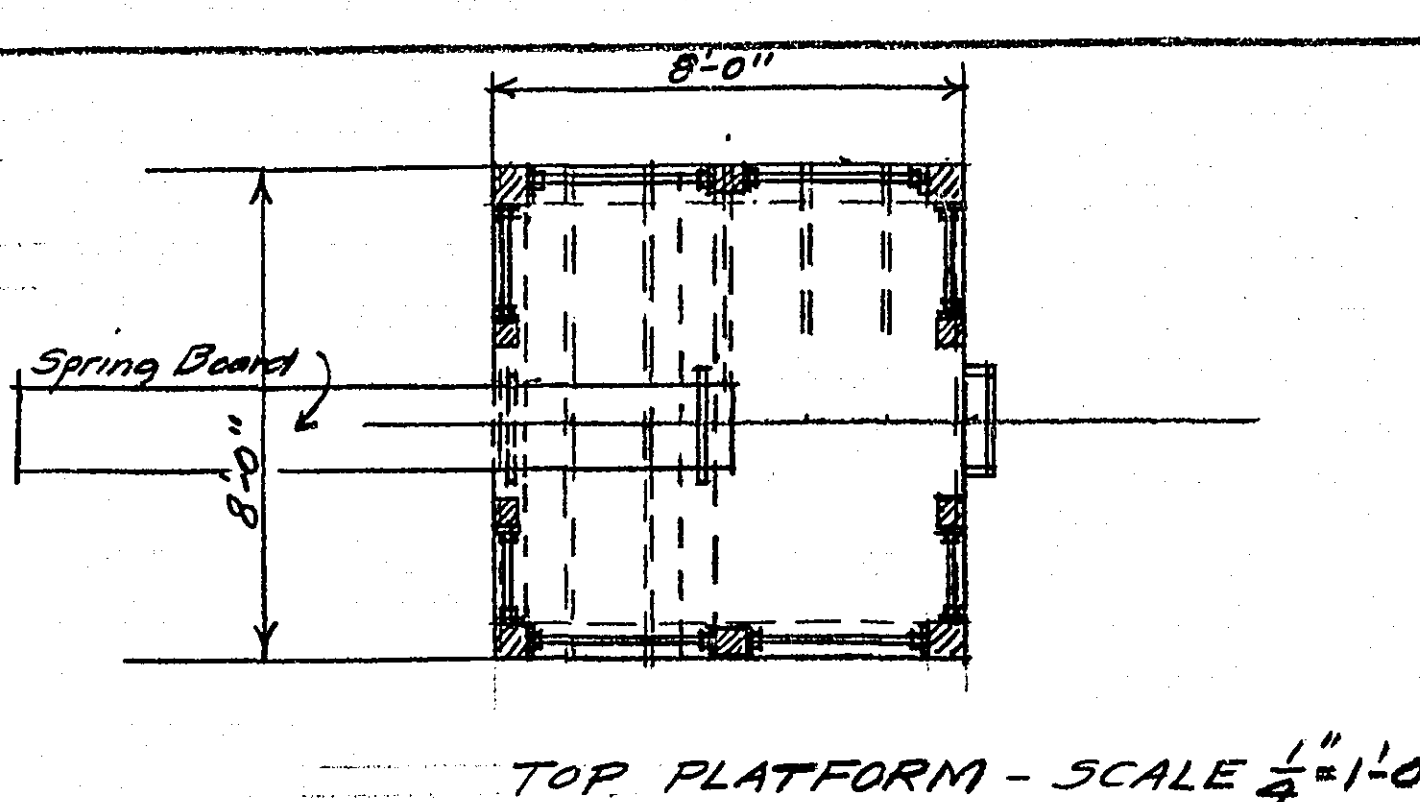


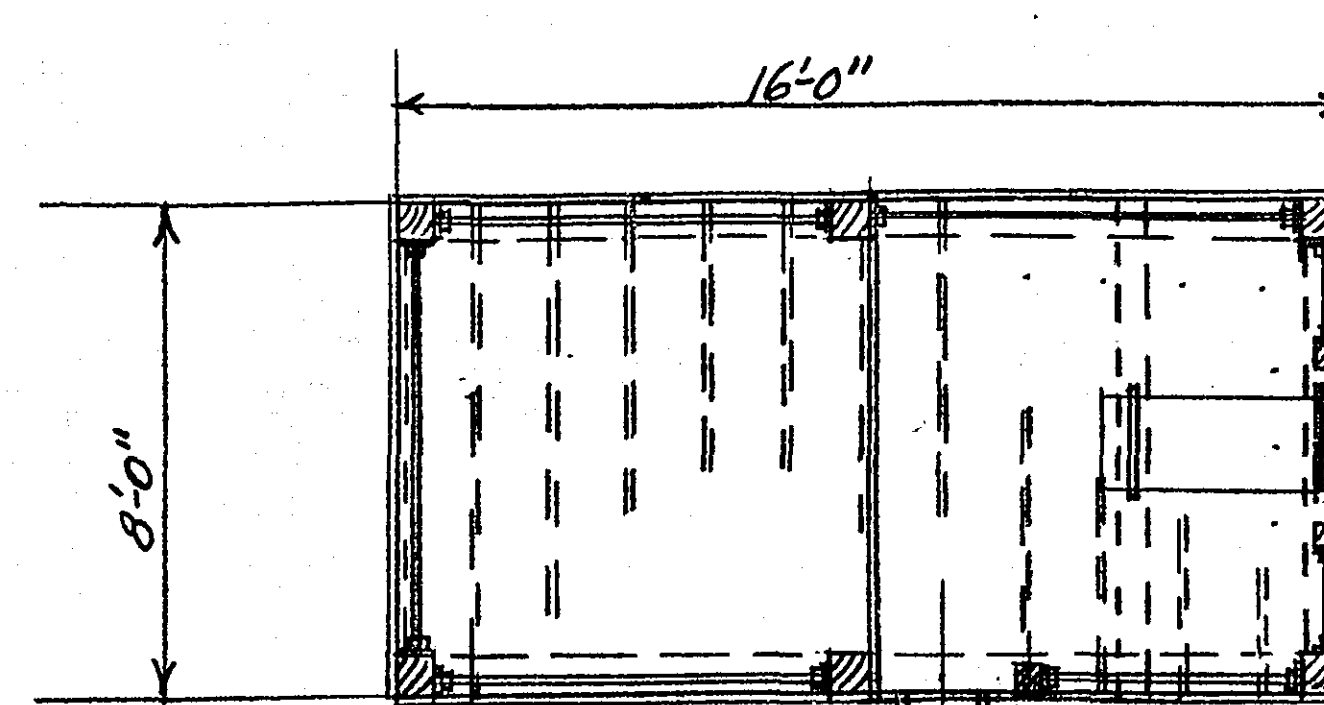
Note: Use Similar Construction for Ladders extending down into water from lower platform. Brace vertical side pieces to 2x8 plank shown on East Elevation, with 1/2" pipe and flange.



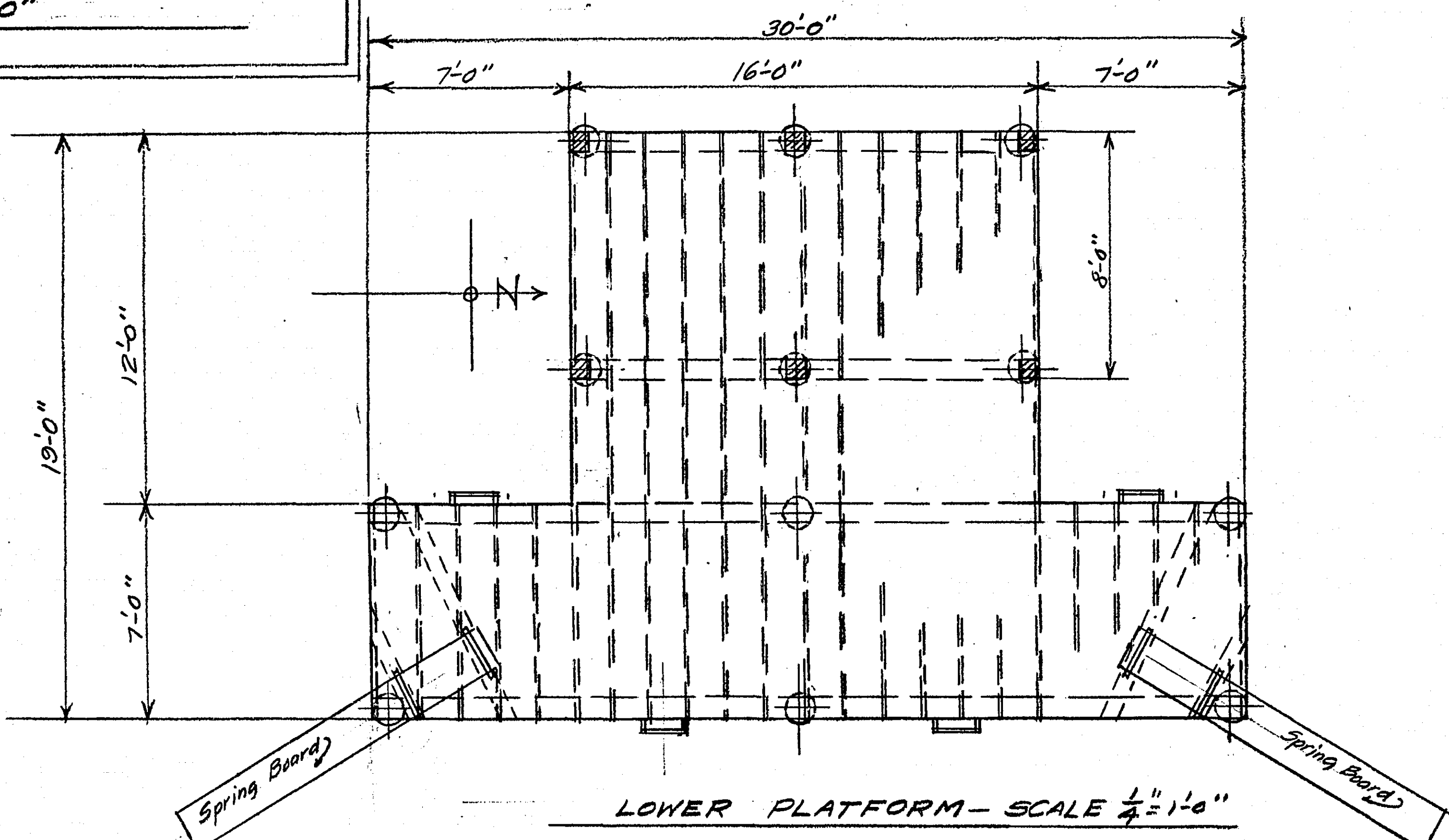
DETAIL SHOWING ALTERNATE NO. 2 SCALE 1/2" = 1'-0"



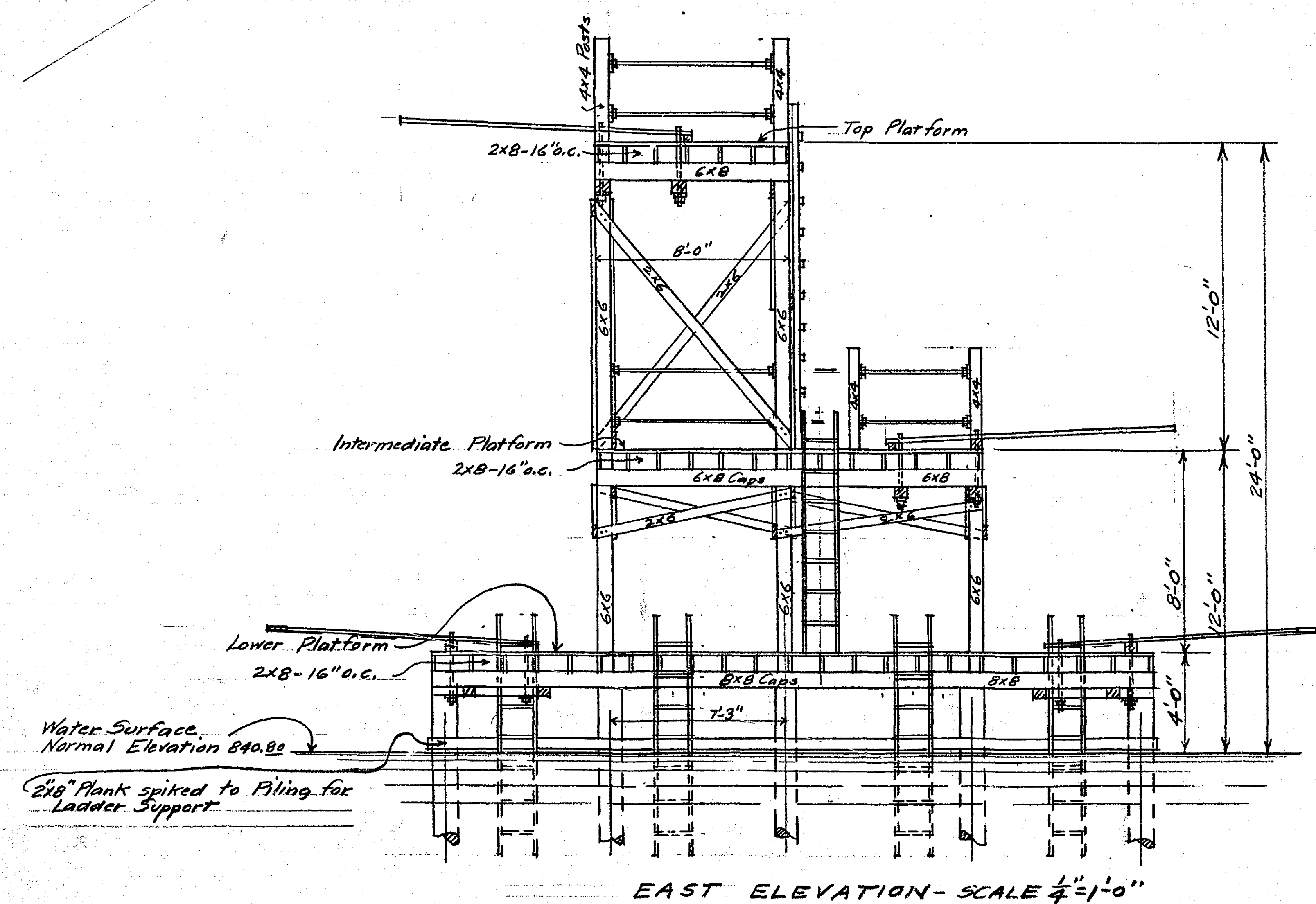
TOP PLATFORM - SCALE 1/4" = 1'-0"



INTERMEDIATE PLATFORM - SCALE 1/4" = 1'-0"

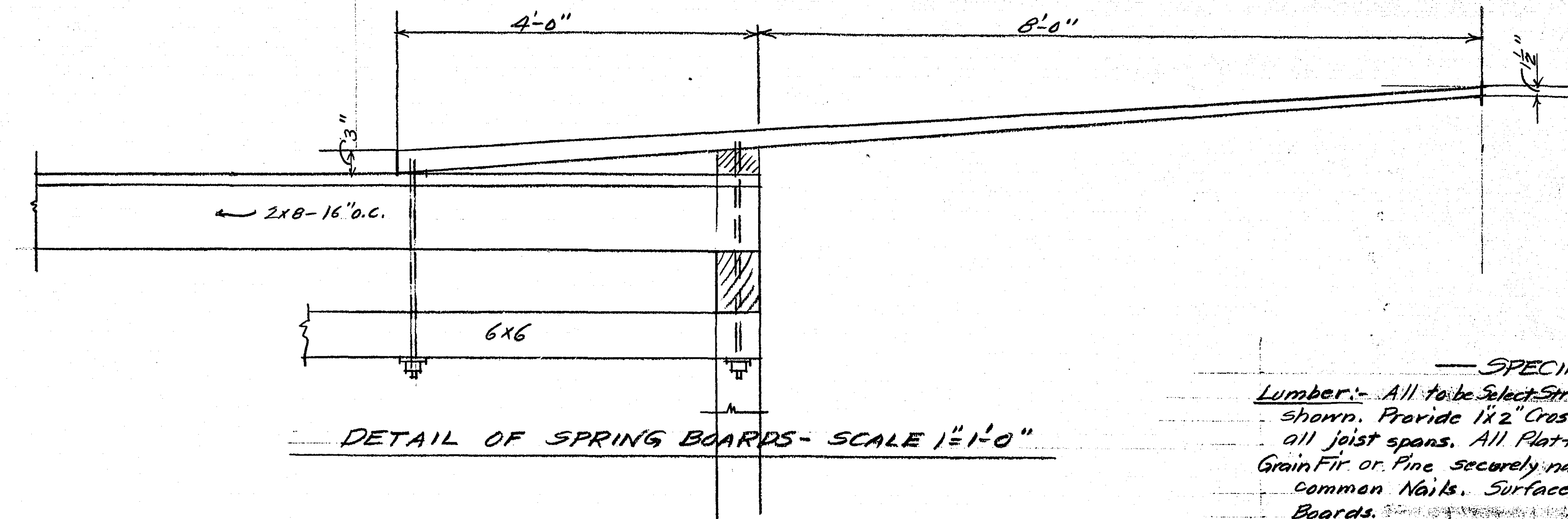


LOWER PLATFORM - SCALE 1/4" = 1'-0"

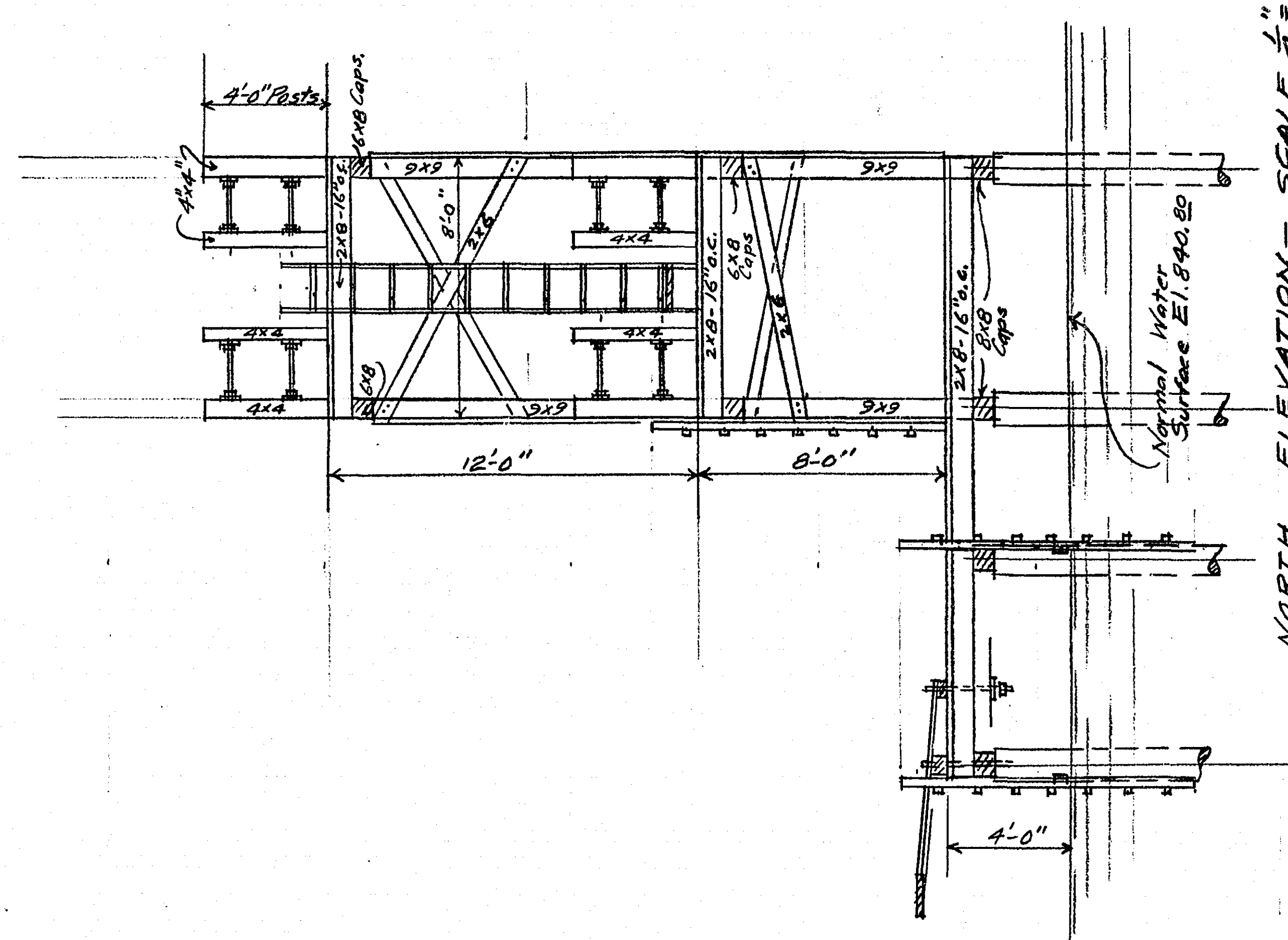


EAST ELEVATION - SCALE 1/4" = 1'-0"

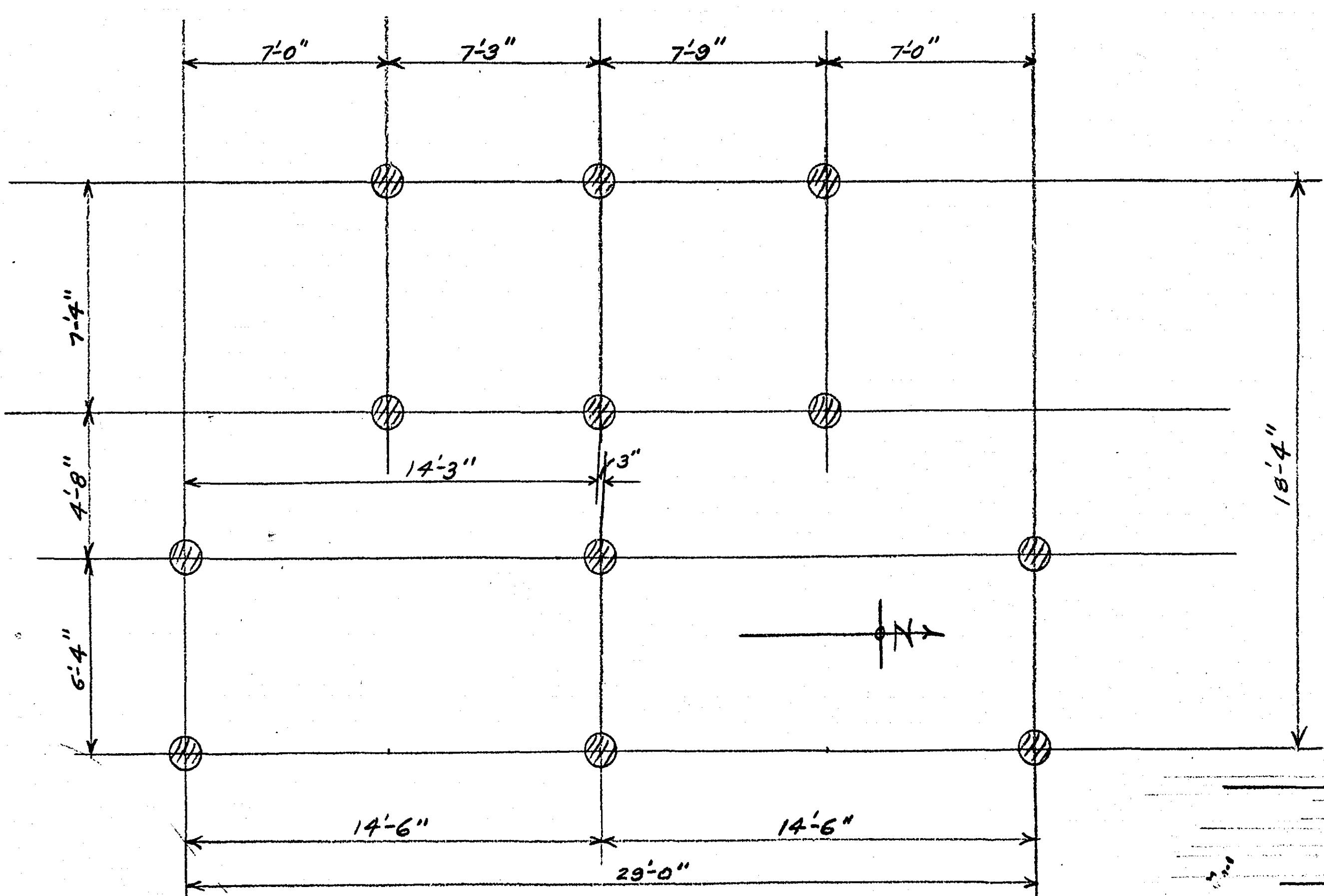
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.
Randy S. Branson
Date Feb. 23, 1945 Reg. No. 518



DETAIL OF SPRING BOARDS - SCALE 1" = 1'-0"



NORTH ELEVATION - SCALE 1/4" = 1'-0"



PILING PLAN - SCALE 1/4" = 1'-0"

SPECIFICATIONS
Lumber: All to be Select Structural Fir of sizes and spacing shown. Provide 1x2 Cross Bridging at Center Lines of all joist spans. All Platform floors will be 2x6 Vertical Grain Fir or Pine securely nailed to 2x8 joists with 10d Common Nails. Surface top side of 2x6 Floor Boards.
Spring Boards: These to be No. S.L. 100 Boards covered with 18" cocoa matting with No. 5L-10 hardware equipment all as manufactured by the General Playground Equipment Co., Inc. of Kokomo, Indiana. Provide 4'-0" Fulcrum. Details taken from Catalogue No. 21, Page 41 of above Company and all to be furnished complete for installations on plank platforms, including hardware. Spring Boards to be of laminated construction with three (3) year guarantee.
Piling: Piling shall be of Pine, Cedar or Douglas Fir, untreated, with butts to be at least 1'-0" in diameter after bark is removed. Contractor will figure a 12'-0" depth of water plus a penetration of 14'-0" in other words a pile length of 26'-0". See that no bracing is present after cutoff. Piles to be driven as per piling plan on this sheet and at location to be designated exactly by the Chairman of the Recreation Committee of the Board of County Commissioners of Ramsey County, Minn. or his authorized representative.
Rough Hardware: Fasten 6x8 caps to 6x6 posts with 2" Drift Bolts 1'-8" long. Fasten 8x8 caps to piling with 2" Drift Bolts 1'-8" long. Provide one (1) drift bolt for each intersection. Use 10d Common Wire Nails for fastening 2x6 cross bracing to posts.
Ladders: To be as shown. Use 2x6 side stringers with 1x4 rungs nailed thereto, top edge of rungs to be rounded. Total ladder widths to be 1'-6".
Painting: All exposed wood surfaces except piling to be primed and receive two (2) coats of outside white lead and oil paint. Color to be pure white.
Railings: Railings around platforms as shown will be 1/2" standard black pipe. Fasten to 4x4 wood posts with standard end flanges drilled for wood screws to posts. Paint as outlined above except eliminate prime coat.
Post Anchoring: 6x6 posts to be anchored to 6x8 and 8x8 timber caps with 3x3x3/4" steel angles, 2 Ls to each post bottom. Screw vertical leg of L to post and horizontal leg to cap. Use additional tie nailing as necessary for rigidity. Use same method for fastening 4x4 wood fence railing posts to 2x6 T&G platform boards.
Additional Note re Rough Hardware: In addition to 10d Common Wire Nails specified above for fastening 2x6 cross bracing to posts, provide at each point one (1) 1/2" Bolt with nuts and O.G. washers.
Alternate No. 1: Contractor will quote a deduction in his bid based on the elimination of all spring boards as shown and specified on this sheet. Under this alternate, Ramsey County will acquire and erect these spring boards.
Alternate No. 2: Contractor will quote an addition in his bid based on all Ladders being constructed of black extra heavy pipe instead of wood. Use 1 1/2" pipe for vertical side pieces and 1 1/2" pipe for rungs. Rungs to be welded to vertical side pieces. Provide flanges at top and bottom ends of vertical side pieces for screwing to floor boards. See detail on this sheet for Alternate No. 2.

PROPOSED DIVING TOWER
 FOR
 RAMSEY COUNTY BEACH.
 SCALES NOTED - JAN 1949

Approved: *[Signature]*
 Chairman, Recreation Committee
 Board of County Commissioners
 Ramsey County, Minn.

MICROFILMED
 RAMSEY CO. ENGR.
R. S. Branson
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