

NAME DATE

Use correct name of stream
LEFT HAND SIDE

Date of year built.
RIGHT HAND SIDE

DETAIL OF LETTERS AND FIGURES AT BOTH APPROACHES

NOTE! Name of stream to be placed in left end post panels and date in right end post panels on entering bridge using modified block letters 3" in height.

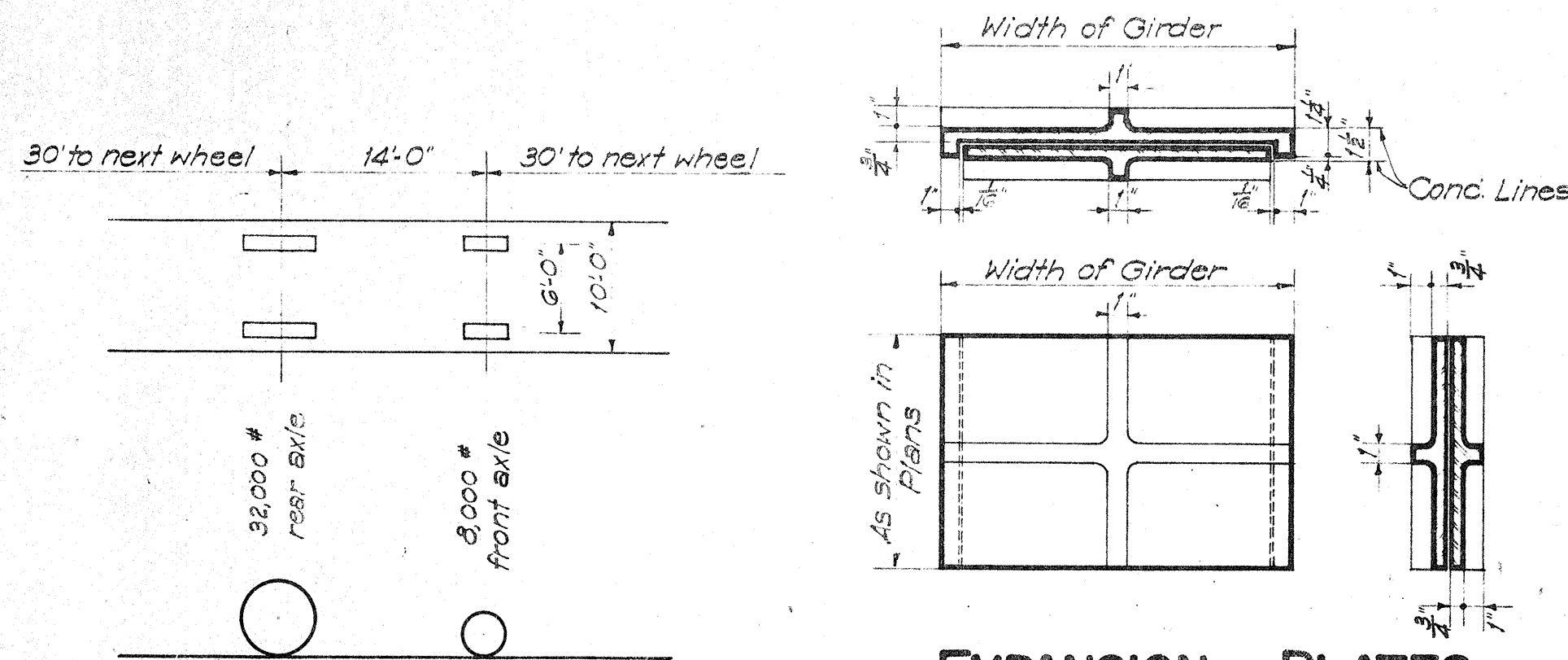
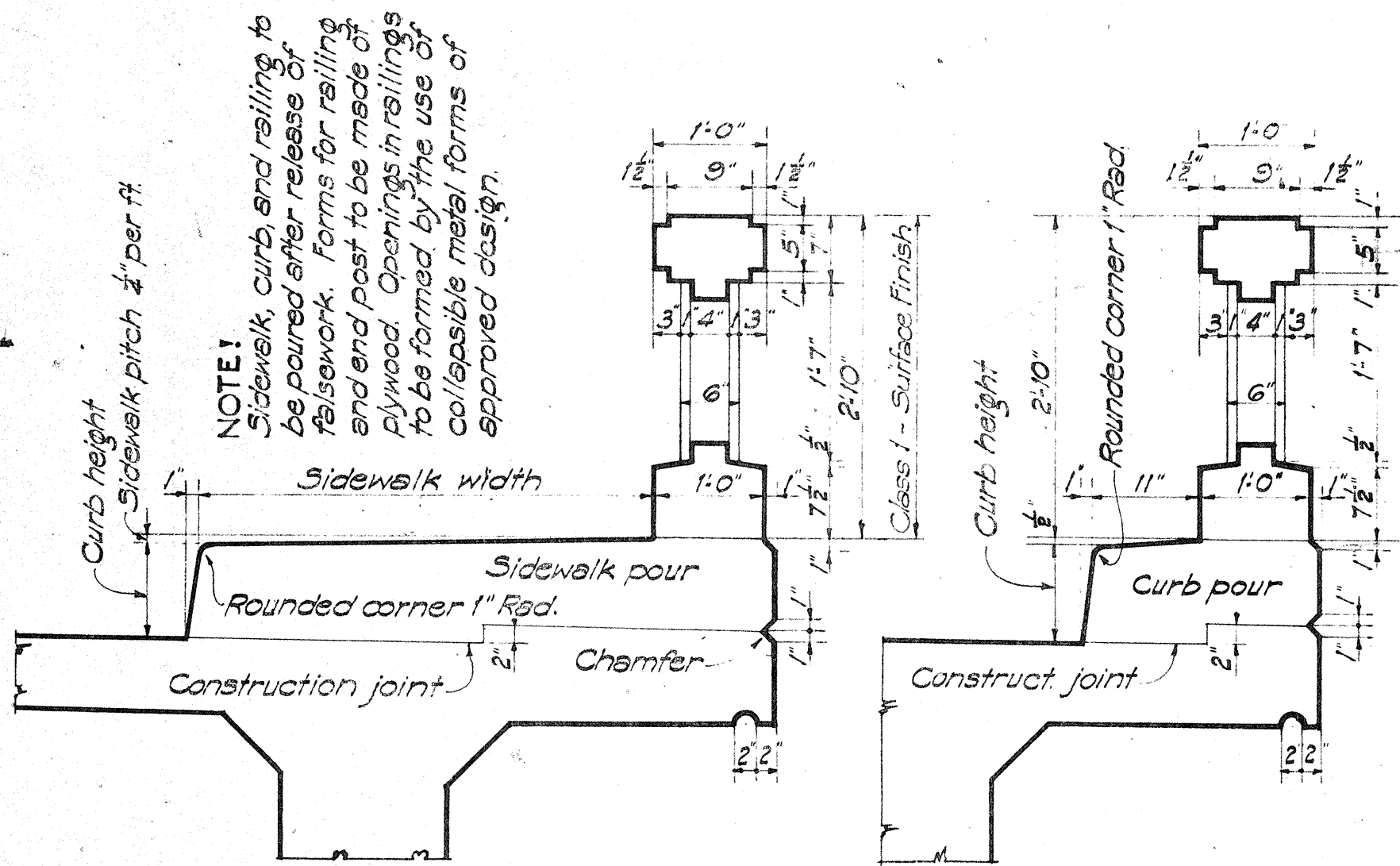


DIAGRAM OF TYPICAL 20-TON TRUCK (TRUCK & LOADING)

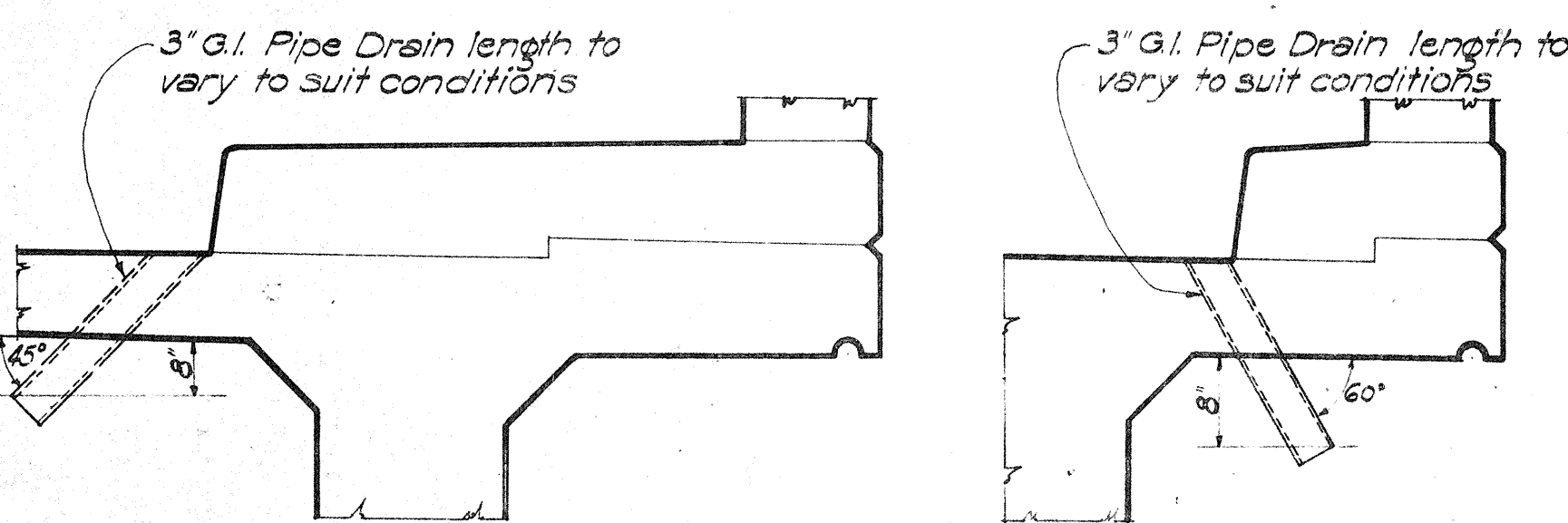


BRIDGES WITH SIDEWALK

BRIDGES WITHOUT SIDEWALK

RAILING DETAILS

Scale: 3/4" = 1'-0"



SIDEWALK SIDE

NORMAL SIDE

DRAINAGE DETAIL

Scale: 3/4" = 1'-0"

GENERAL NOTES

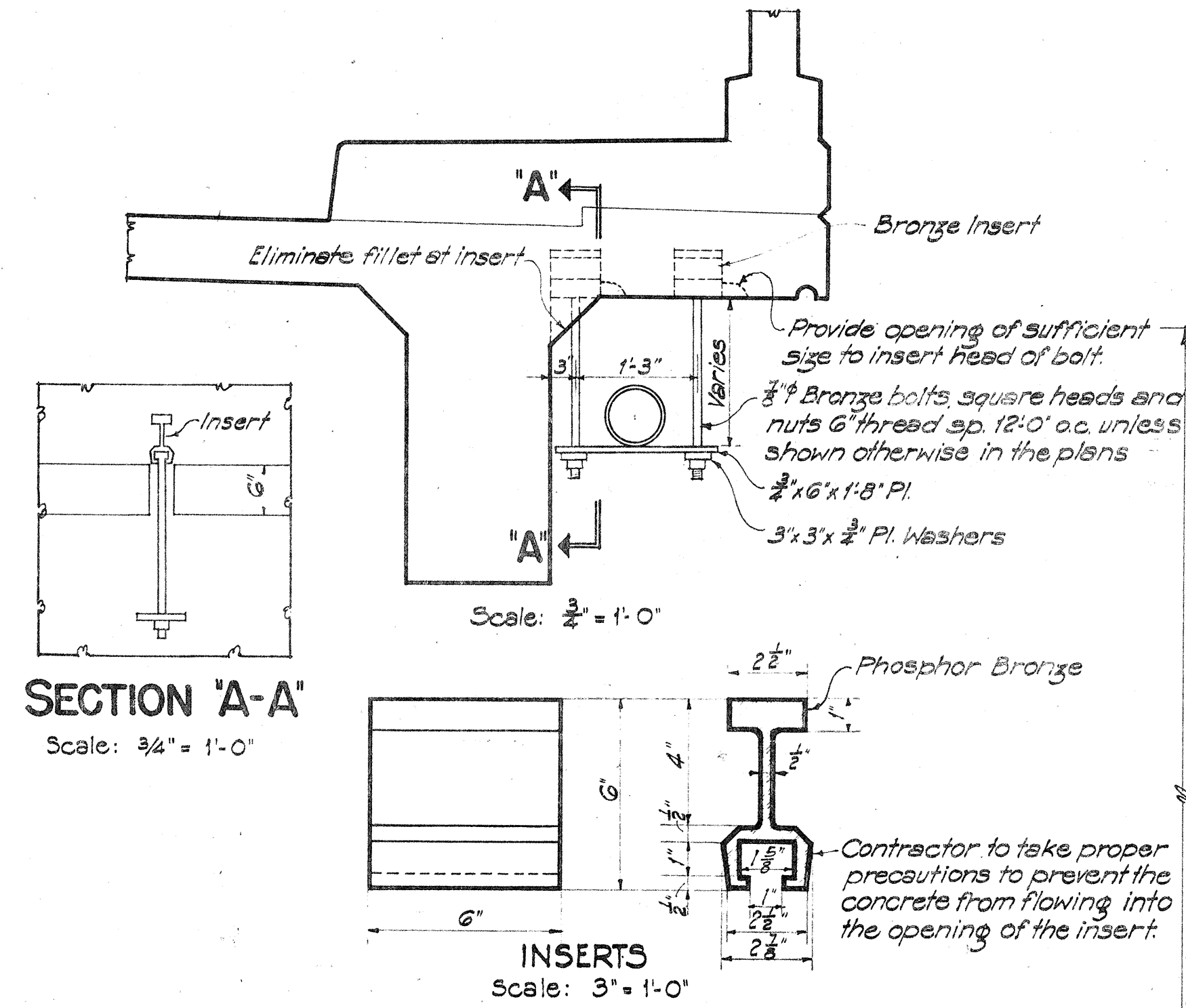
DEAD LOAD: Concrete Paving = 150# per cu. ft.
LIVE LOAD: H-20 loading; Impact, $\frac{1}{2}$ to 125% Max. 30 %
DESIGN STRESSES: $f_c = 1000$ # per sq. in.; $f_s = 18000$ # per sq. in.
CONCRETE: Class of concrete to be used in different parts of the structure are as noted on the plans. All exposed edges chamfered 3/4" unless otherwise noted.

REINFORCING STEEL: Intermediate grade. All steel to be round or square deformed bars of approved design. All dimensions relating to reinforcing are to centers of bars unless otherwise noted. Splicing of reinforcing other than main deck slab, girder and frame bars shall be done by lapping 40 diameters. Splices are to be staggered. Splices in main girder and frame bars are permitted only in bars exceeding 80'-0" in length at points to be indicated by the Engineer. These splices to be electrically arc welded according to detail and specifications. No allowance will be made in the quantities for extra weight of steel required for splices not shown on the plans.

Minimum spacing between parallel bars shall be $2\frac{1}{2}$ times the diameter of round or 3 times the side dimension of square bars, but in no case shall the clear distance between the bars be less than 1 1/2 times the maximum size of the coarse aggregate. Minimum covering, measured from the surface of the concrete to the face of any reinforcing bar, shall be not less than 2 inches except in slabs where the minimum covering shall be 1 inch. In the footings of abutments and retaining walls and in piers the minimum covering shall be 3 inches. In work exposed to the action of sea water the minimum covering shall be 4 inches except in precast concrete piles, where a minimum of 3 inches may be used.

WATERPROOFING: Apply waterproofing as specified in Section 34 Pamphlet N of the Specification, and as shown in the plans. Waterproofing is incidental to the concrete and will not be paid for separately.

CONSTRUCTION JOINTS: All construction joints to have surface roughened and 1:2 cement grout applied immediately before the second pour. Construction joints to be located at places indicated in the plans.

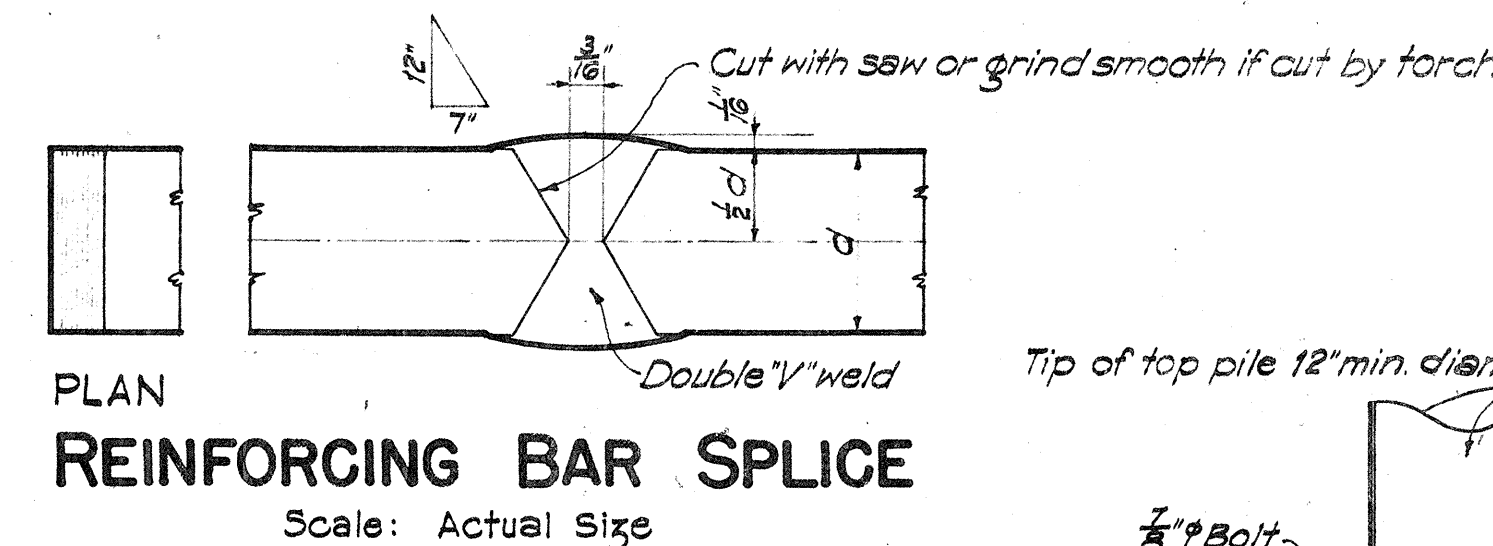


SECTION 'A-A'

Scale: 3/4" = 1'-0"

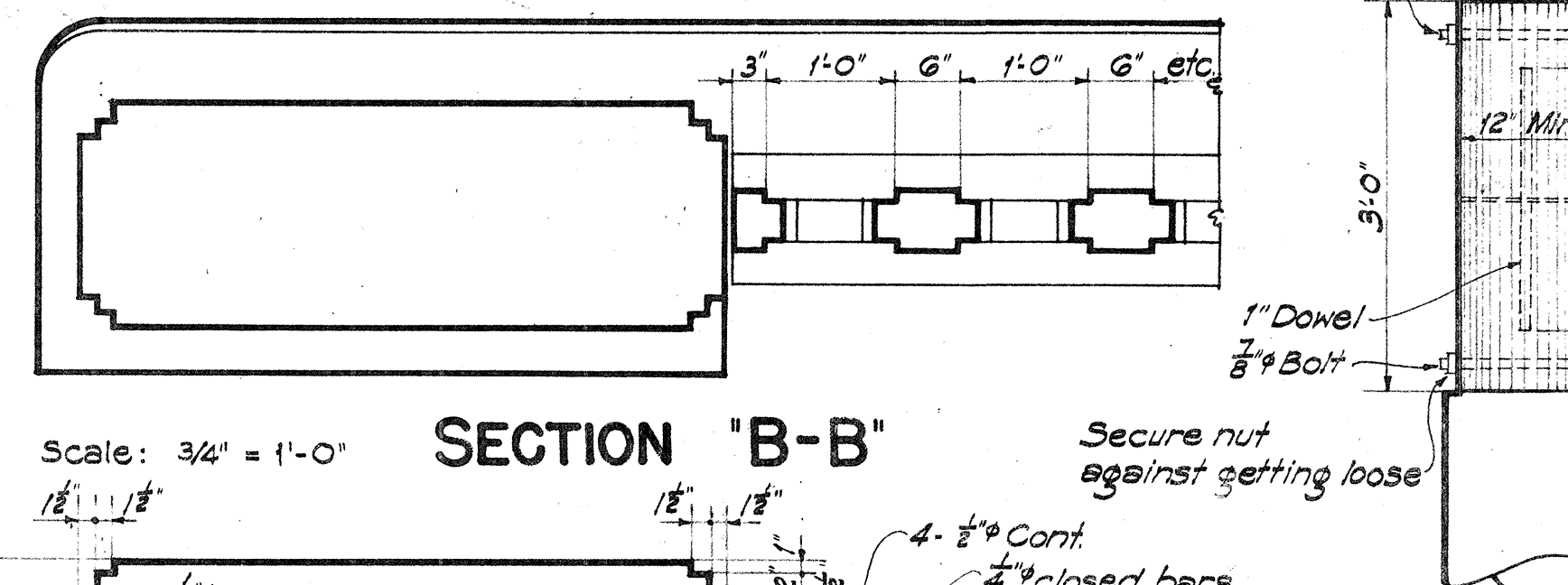
DETAIL OF PIPE HANGERS AND INSERTS

NOTE! Inserts, bolts, plates, nuts & washers to be Phosphor Bronze conforming to the A.S.T.M. standards, Serial Designation B 22 or the latest revision thereof, and shall be Class 'D' grade.



REINFORCING BAR SPLICE

Scale: Actual Size

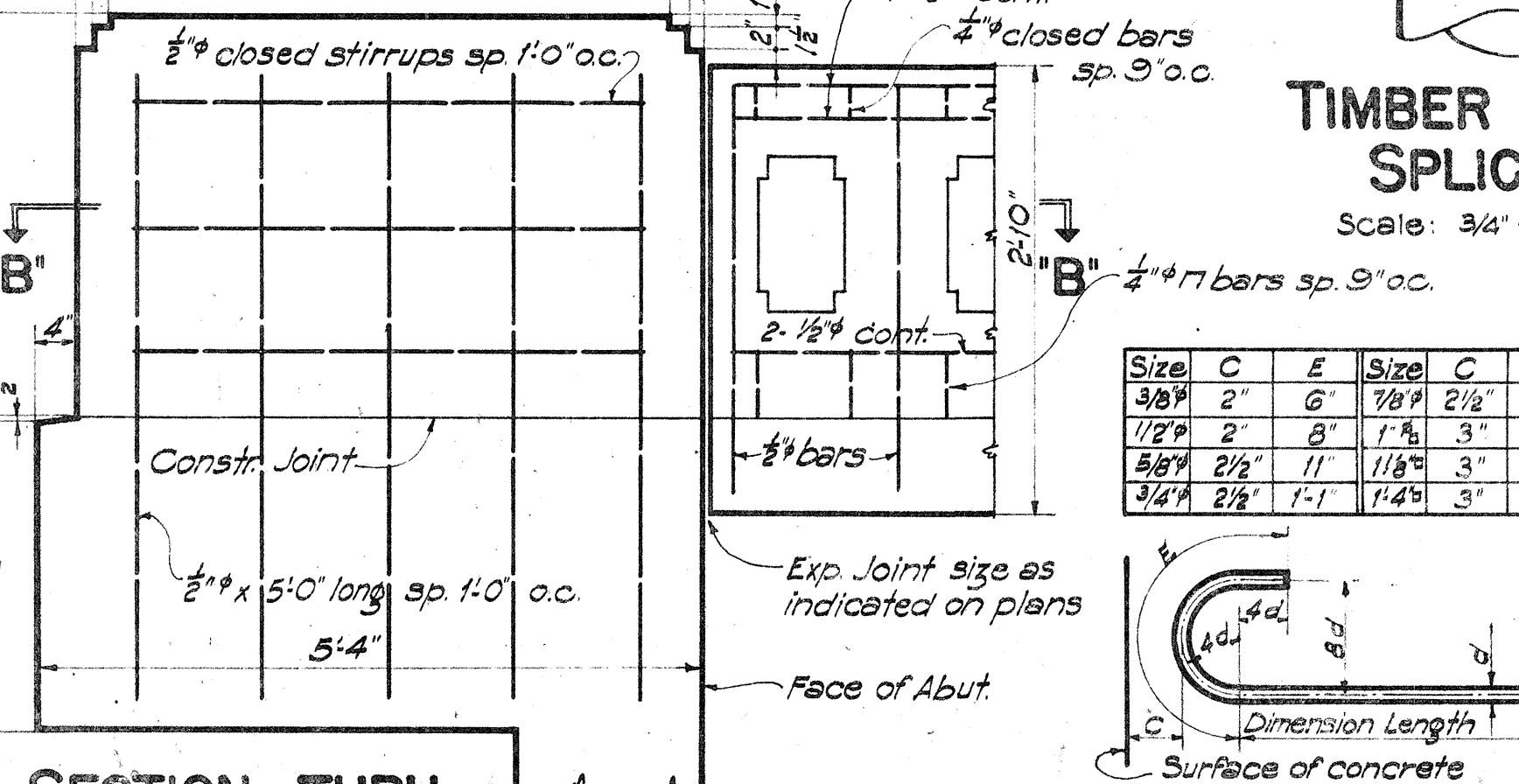


SECTION 'B-B'

Scale: 3/4" = 1'-0"

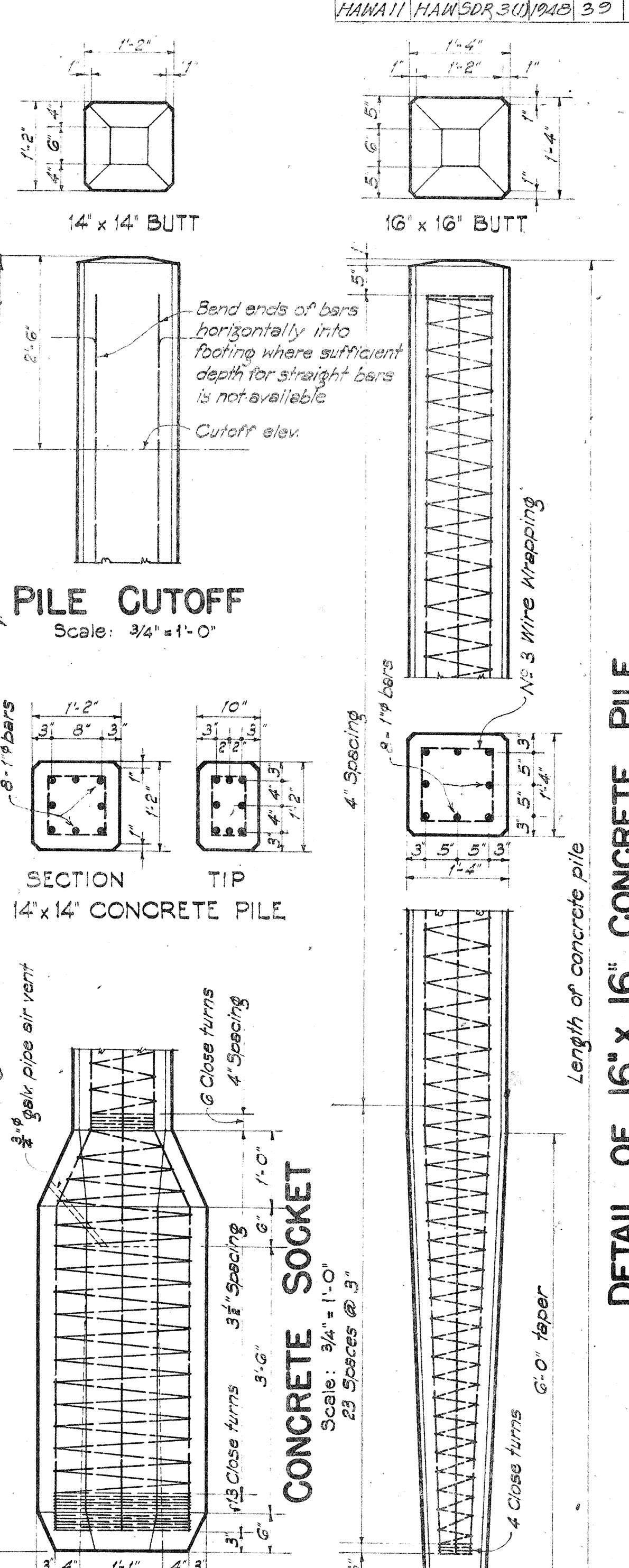
TIMBER PILE SPLICE

Scale: 3/4" = 1'-0"



SECTION THRU END POST AND RAILING

Scale: 3/4" = 1'-0"



PILE CUTOFF

Scale: 3/4" = 1'-0"

SECTION 14" x 14" CONCRETE PILE

Scale: 3/4" = 1'-0"

CONCRETE SOCKET

Scale: 3/4" = 1'-0"