Note: Bottom flg. of main girder & top flg. of segmental girder shall be bolted up with web pls & side pls. projecting at least 1/4" beyond flg Ls, using temporary fills in place of splice pls. Pls shall be milled flush with Ls

Note: Scribe ℄ on bottom face of segmental castings and top of track castings. Punch mark at 1st and last positions of roll

SECTION A-A

CAST STEEL TRACK PLATES

Scale 1 1/2" = 1'-0"

Material - Special Steel (see specifications)

SPECIAL FITTING NOTES

Bottom flange of segmental girder shall be bolted up with web pls. & side pls. projecting at least 1/4" beyond the flange angles. Rivet holes shall then be reamed or drilled and rivets driven. After riveting the web pls, side pls & angles shall be finished to true planes. The segmental castings shall have perfect bearing throughout their full length. The finished surfaces must be square with the web pls. The bottom flange angles must be so accurately bent and finished that not more than 1/8" will be removed in finishing. Stiffener Ls on the segmental girders and fills between outstanding legs shall be finished to bear at the bottom. Cast steel stiffeners shall be electric welded at the bottom to secure perfect bearing.

GENERAL NOTES:

Rivets 1" unless noted

Open Holes 1 1/16" " "

Steel in contact with concrete not to be painted or oiled

KING COUNTY ENGINEER'S OFFICE

THOMAS D. HUNT COUNTY ENGINEER

D. L. EVANS PRINCIPAL ASSISTANT

SEGMENTAL GIRDERS AND TRACK CASTINGS

FOR A

SCHERZER ROLLING LIFT BRIDGE

OVER

DUWAMISH WATERWAY

AT

14TH AVENUE SOUTH

SEATTLE, WASHINGTON

DESIGNED BY

THE SCHERZER ROLLING LIFT BRIDGE CO.

MONADNOCK BLOCK, CHICAGO, ILL.

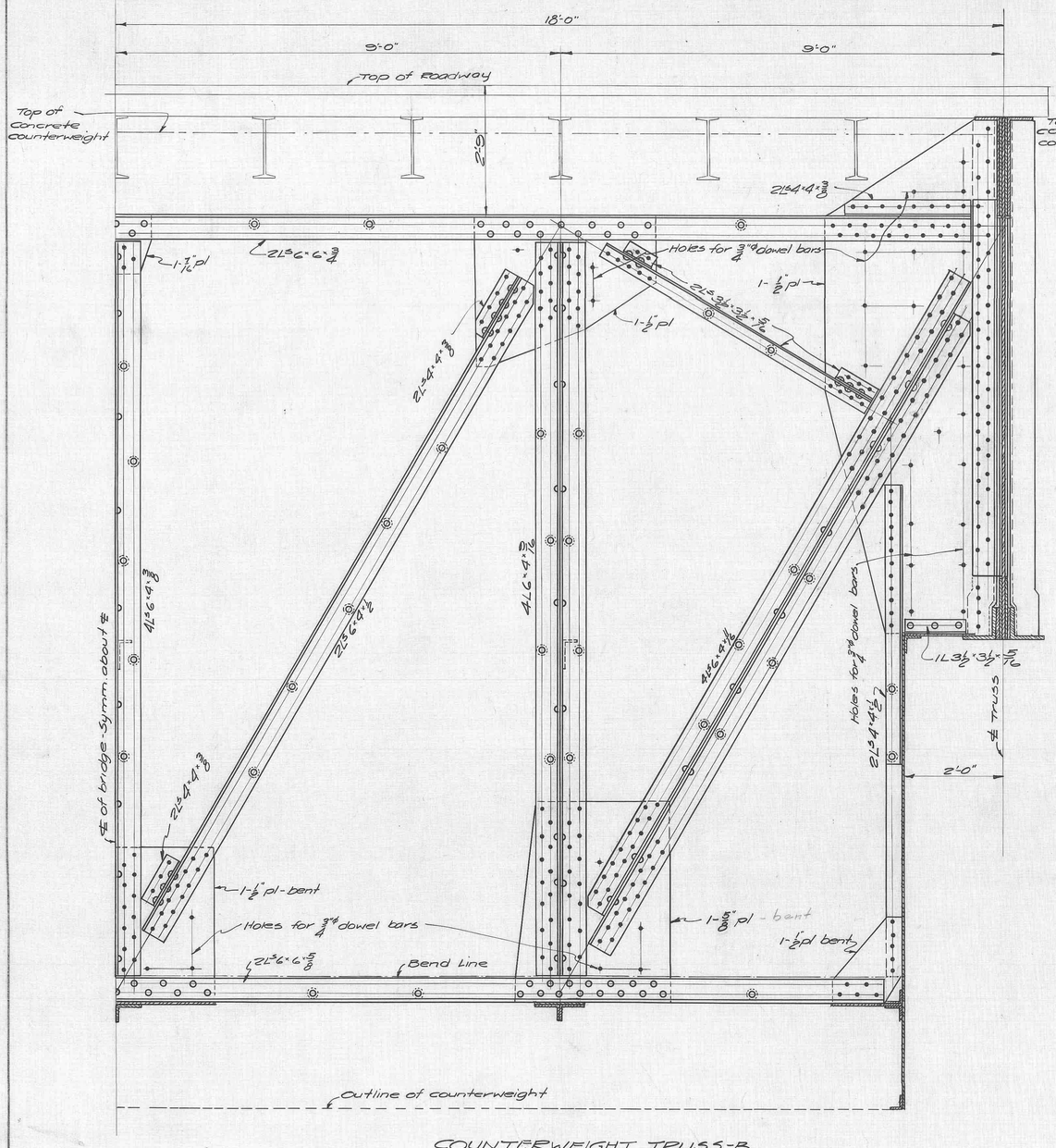
DRAWN BY P.L.D.
TRACED BY L.N.
CHECKED BY A.L.R.S.
REVISED 8-29-29

SCALE: 3/4", 1 1/2" = 1'-0"
DATE- JUNE 6, 1929

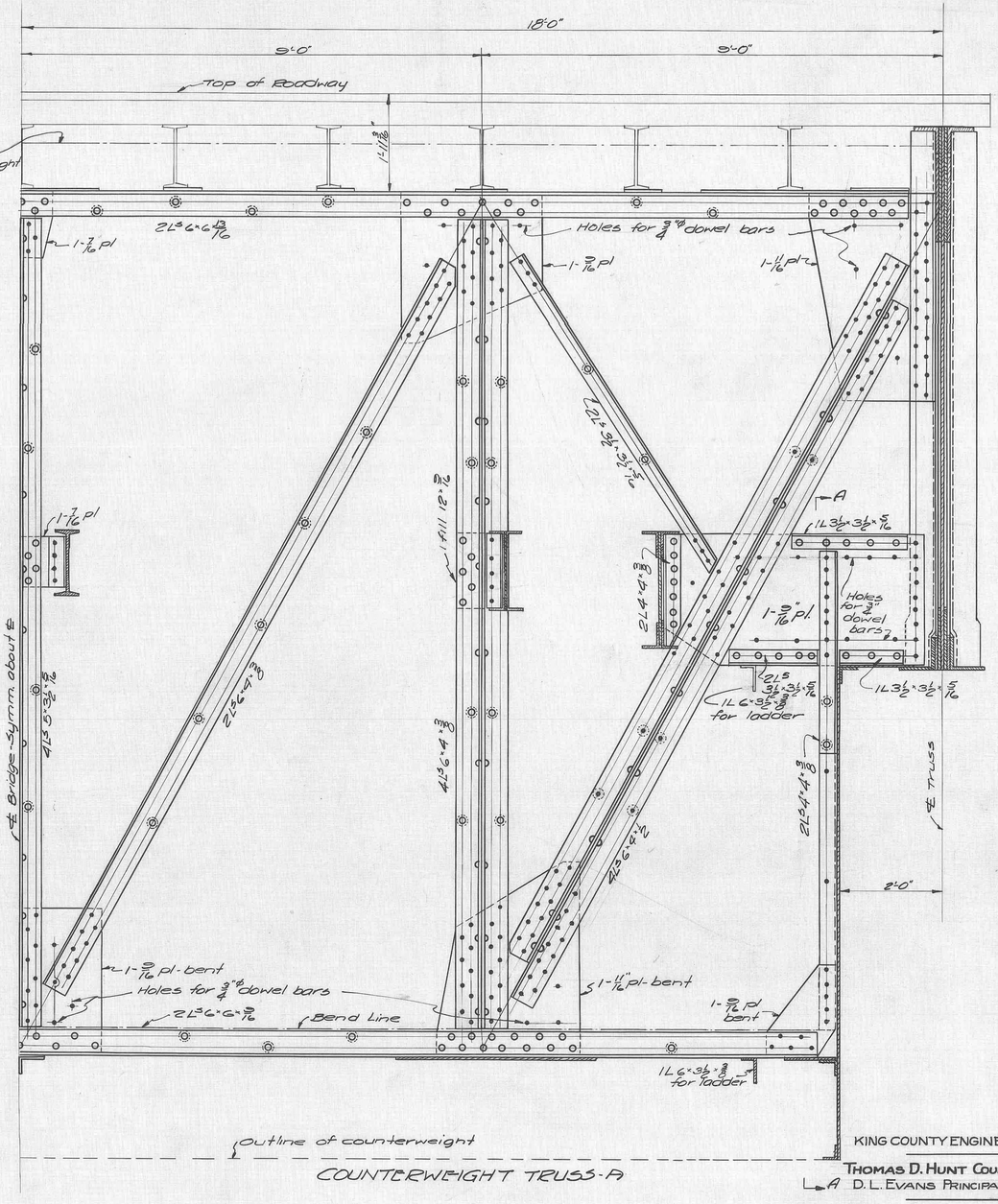
SHEET NO. 1223-14

DEC 29 1998 MICRO

9598 103-11 N



COUNTERWEIGHT TRUSS-B



COUNTERWEIGHT TRUSS-A

General Notes:-
Rivets 7/8"
Open Holes 15/16"
Steel in contact with concrete not to be painted or oiled.
For Section A-A see Sh. #17

KING COUNTY ENGINEER'S OFFICE

THOMAS D. HUNT COUNTY ENGINEER

A D. L. EVANS PRINCIPAL ASSISTANT

COUNTERWEIGHT TRUSSES

FOR A

SCHERZER ROLLING LIFT BRIDGE

OVER

DUWAMISH WATERWAY

AT

14TH AVENUE SOUTH

SEATTLE, WASHINGTON

DESIGNED BY

THE SCHERZER ROLLING LIFT BRIDGE CO.

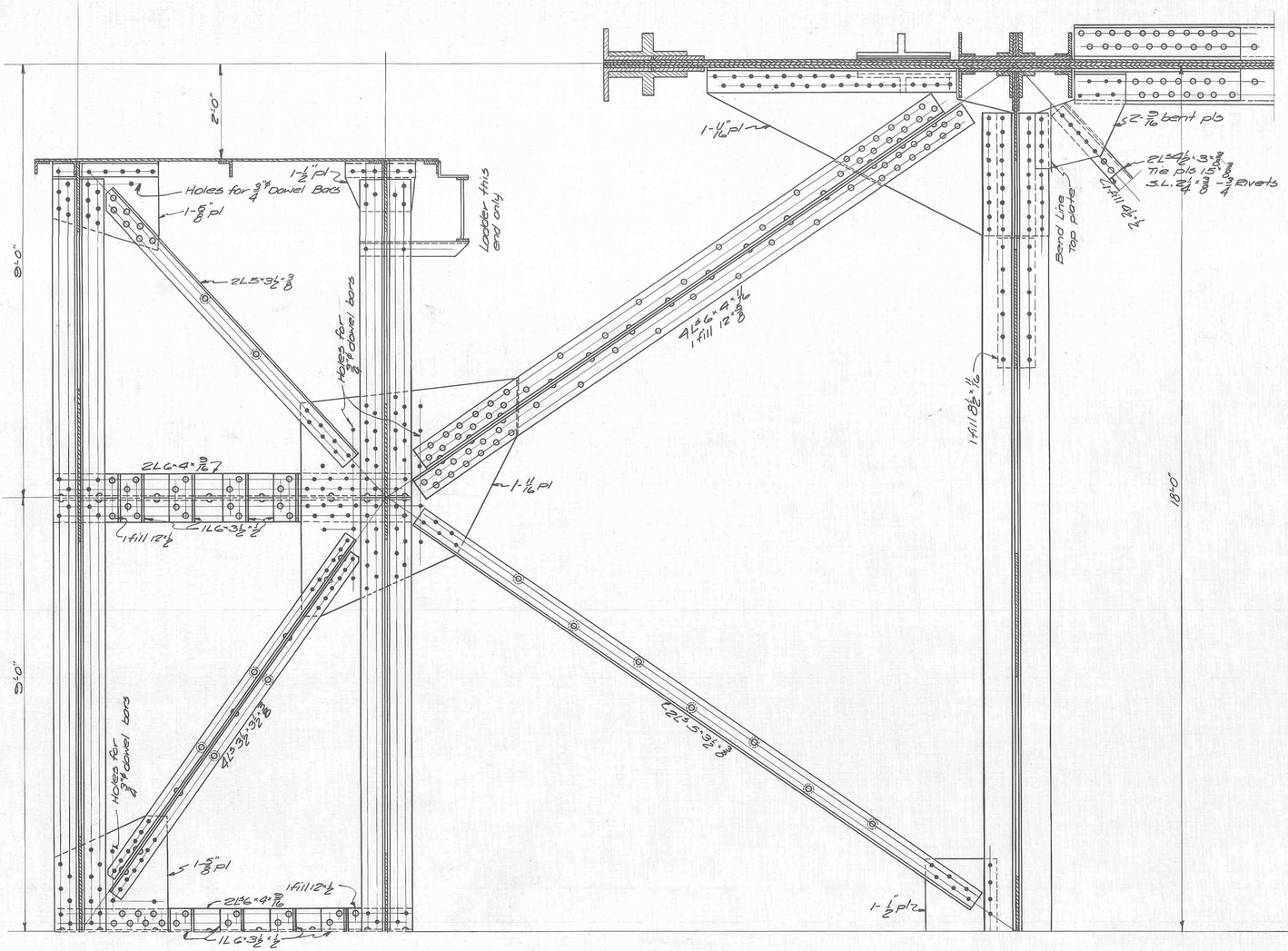
MONADNOCK BLOCK, CHICAGO, ILL.

DRAWN BY R.L.O.
TRACED BY J.E.
CHECKED BY A.L.P.S.
REVISED

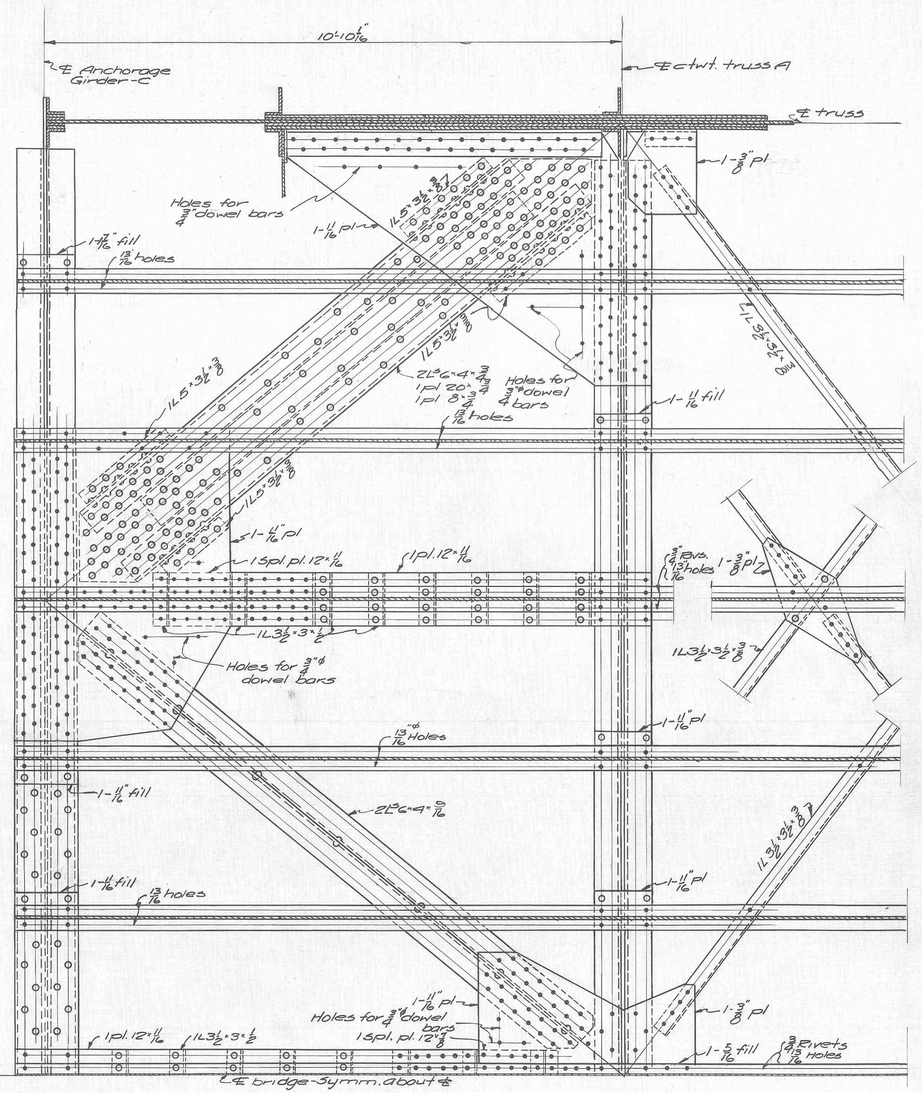
SCALE: 3/4"=1'-0"
DATE- JUNE 6, 1925

SHEET NO. 1223-15

(9599) 103-11-0



BOTTOM COUNTERWEIGHT BRACING



TOP COUNTERWEIGHT BRACING

GENERAL NOTES:-
Rivets ⅞" unless Noted
Open Holes ¹³⁄₁₆" " "
Steel in contact with concrete not to be painted or oiled.

KING COUNTY ENGINEER'S OFFICE

THOMAS D. HUNT COUNTY ENGINEER
D. L. EVANS PRINCIPAL ASSISTANT

COUNTERWEIGHT BRACING
FOR A
SCHERZER ROLLING LIFT BRIDGE
OVER
DUWAMISH WATERWAY
AT
14TH AVENUE SOUTH
SEATTLE, WASHINGTON

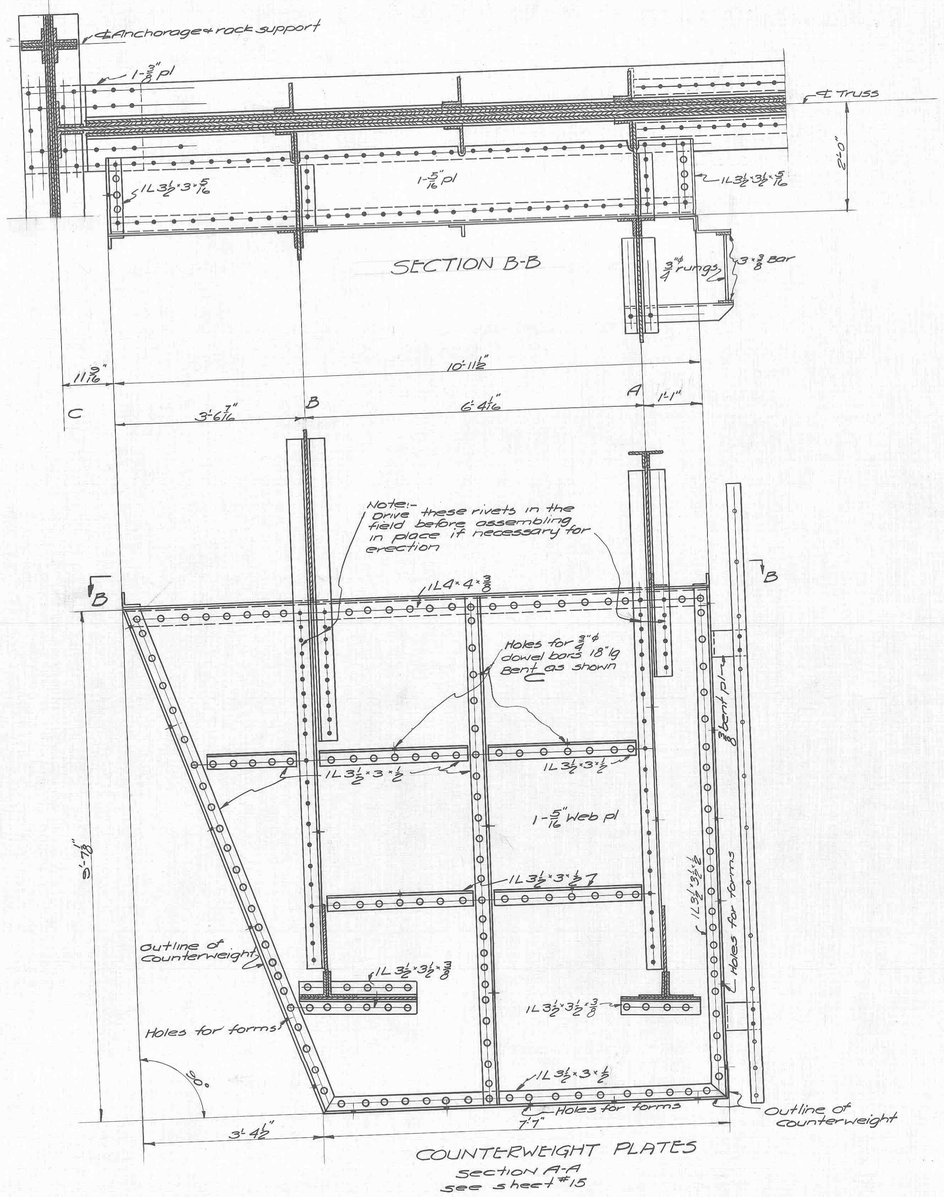
DESIGNED BY
THE SCHERZER ROLLING LIFT BRIDGE CO.
MONADNOCK BLOCK, CHICAGO, ILL.

DRAWN BY P.L.D
TRACED BY J.E
CHECKED BY A.L.E.S.
REVISED

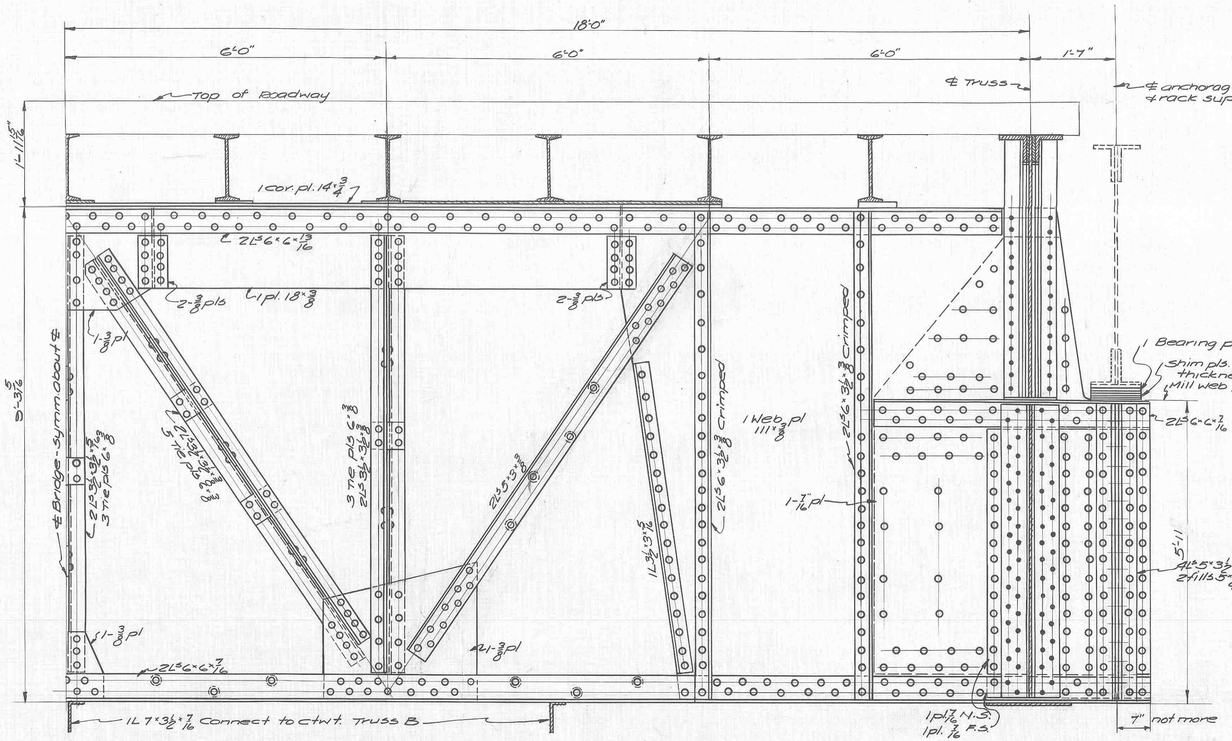
SCALE: ⅜"=1'-0"
DATE- JUNE 6, 1929

SHEET NO. 1223-16

DEC 29 1998 MICRO.
9600 103-11P



COUNTERWEIGHT PLATES
Section A-A
see sheet #15



ANCHORAGE GIRDER FC

GENERAL NOTES:
Rivets 7/8"
Open Holes 15/16"
Steel in contact with concrete not to be painted or oiled.

KING COUNTY ENGINEER'S OFFICE

THOMAS D. HUNT COUNTY ENGINEER
D.L. EVANS PRINCIPAL ASSISTANT

BASCULE SPAN
ANCHORAGE GIRDER
FOR A
SCHERZER ROLLING LIFT BRIDGE
OVER
DUWAMISH WATERWAY
14TH AVENUE SOUTH
SEATTLE, WASHINGTON

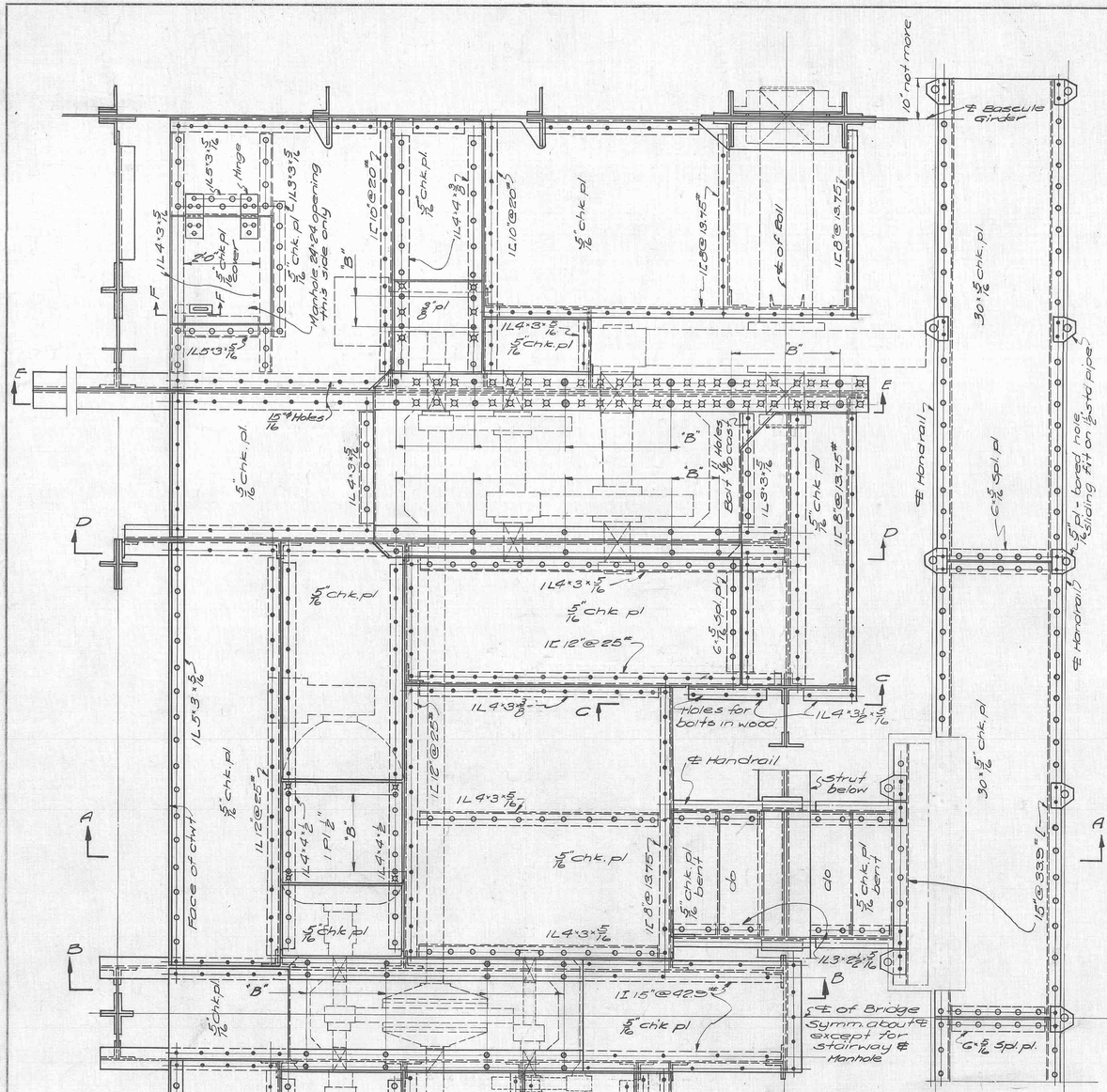
DESIGNED BY
THE SCHERZER ROLLING LIFT BRIDGE CO.
MONADNOCK BLOCK, CHICAGO, ILL.

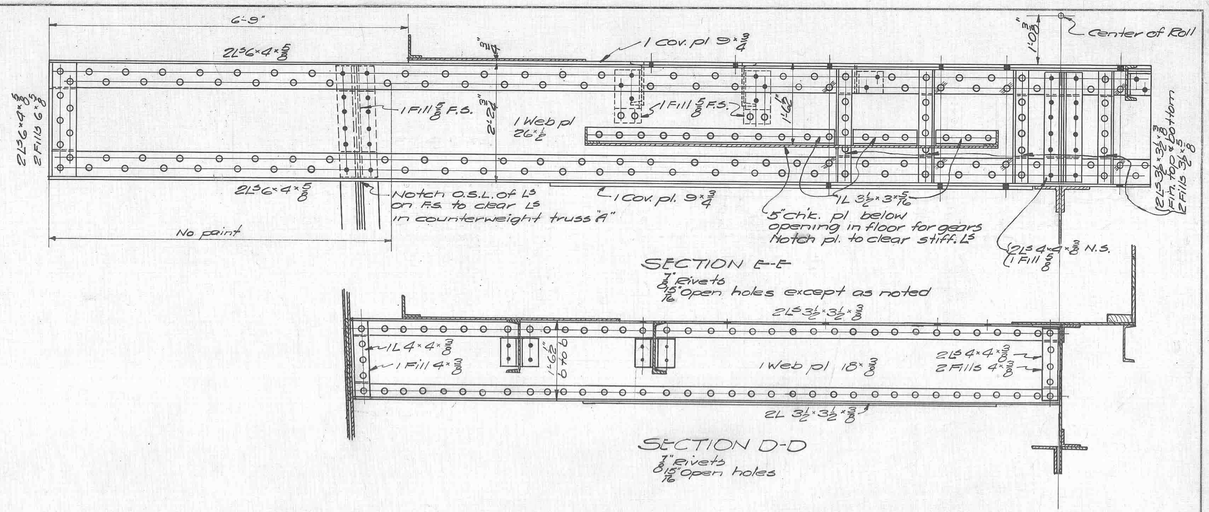
DRAWN BY P.L.D.
TRACED BY J.E.
CHECKED BY A.L.R.S.
REVISED

SCALE: 3/4" = 1'-0"
DATE- JUNE 6, 1929

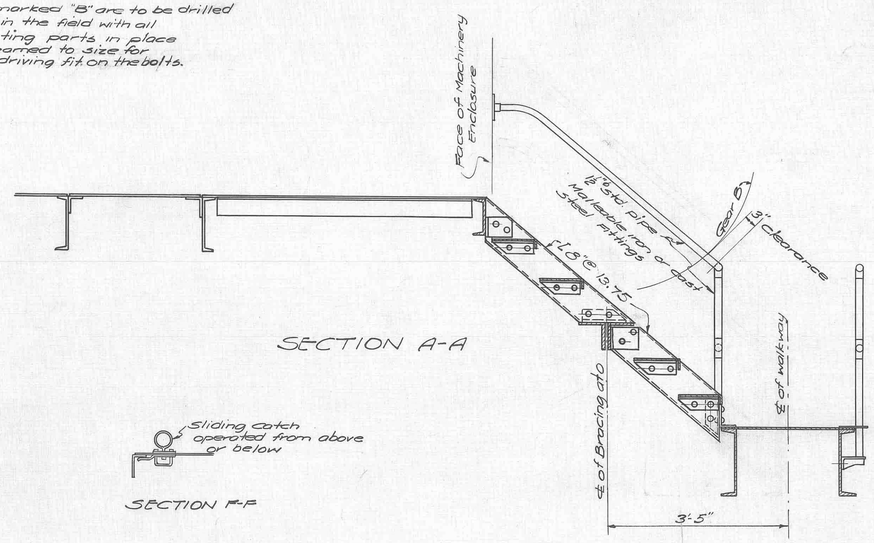
SHEET NO. 1223-17

DEC 29 1928 MICRO.
9601 103-11 Q





Note: Holes marked "B" are to be drilled small in the field with all connecting parts in place then reamed to size for a light driving fit on the bolts.



SECTION A-A

SECTION F-F

General Notes

Rivets 7/8" ø except in ℄ checkered pls which are 3/4" ø and as noted.
Open holes 15/16" ø except in ℄ " " " are 1 1/16" ø and as noted.
Rivets in floor plates to be countersunk but not chipped.

KING COUNTY ENGINEER'S OFFICE

THOMAS D. HUNT COUNTY ENGINEER
D. L. EVANS PRINCIPAL ASSISTANT

MACHINERY FLOOR
FOR A
SCHERZER ROLLING LIFT BRIDGE
OVER
DUWAMISH WATERWAY
AT
14TH. AVENUE SOUTH
SEATTLE, WASHINGTON

DESIGNED BY
THE SCHERZER ROLLING LIFT BRIDGE CO.
MONADNOCK BLOCK, CHICAGO, ILL.

DRAWN BY A.L.R.S.
TRACED BY L.N.
CHECKED BY A.B.
REVISED 8-29-29

SCALE: 3/4"=1'-0"
DATE- JUNE 6, 1929

SHEET NO. 1223-18

DEC 29 1998 MICRO

(9602) 103-11R