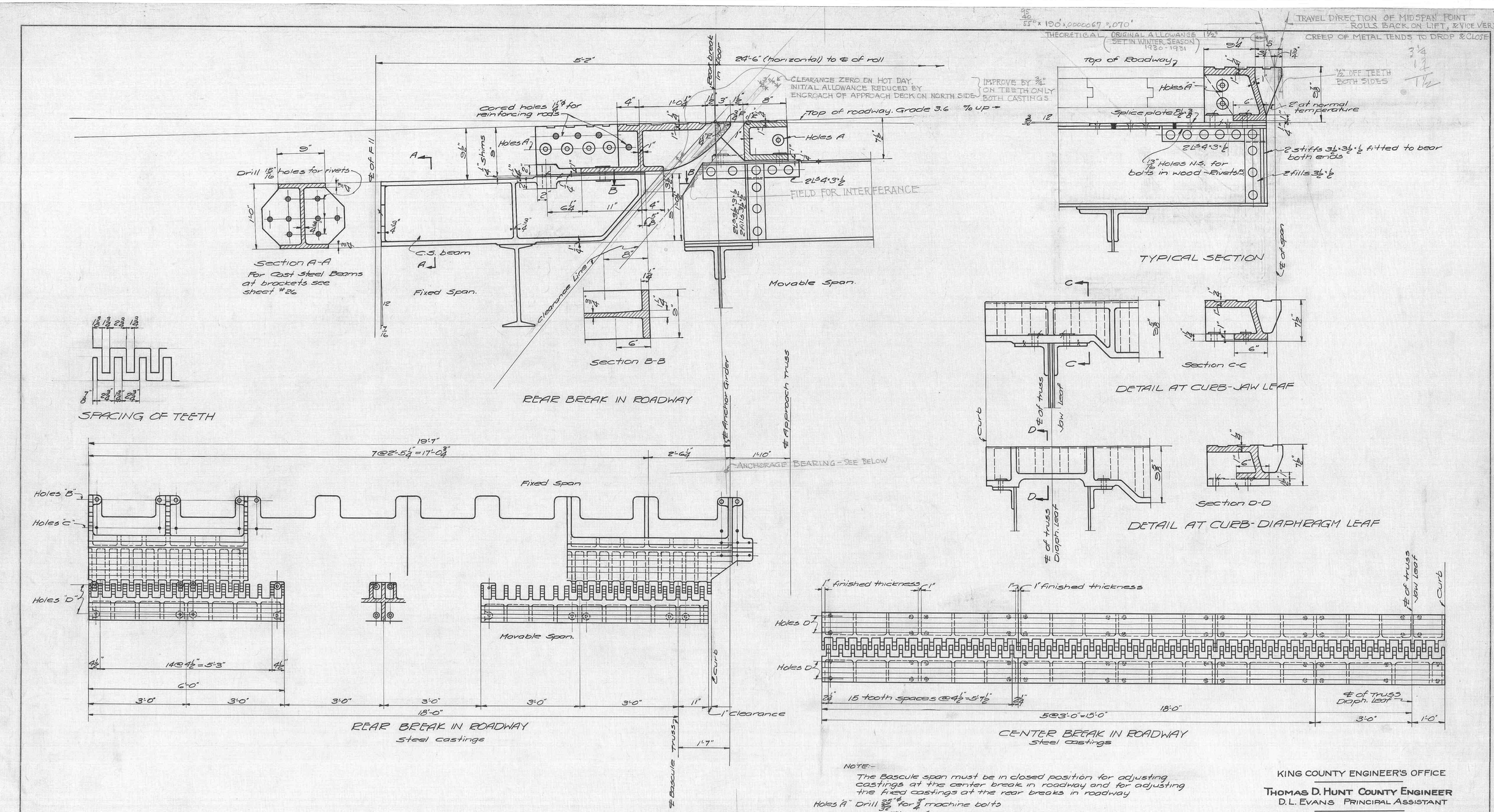


NOTE:-

The Bascule span must be in closed position for adjusting castings at the center break in roadway and for adjusting the fixed castings at the rear breaks in roadway

Holes "A" Drill 25/32" ϕ for 3/4" machine bolts

Holes "B" Drill 17/32" ϕ for 1/2" machine bolts. Drill holes in supports with castings adjusted & clamped in place

Holes "C" Drill 25/32" ϕ for 3/4" machine bolts. Drill holes in supports with castings adjusted and clamped in place.

Holes "D" Drill 25/32" ϕ for 3/4" machine bolts. Adjust castings in place in the field and mark holes to be drilled in supports

GAIN IN CLEARANCE AT CENTER JOINT:
RATIO IS 2.10 TIMES SHIM THICKNESS.
LIFT AT CENTER 3.88 TIMES SHIM THICKNESS.
NO. 10 GAGE PL. GETS 0.29" ADDITIONAL CLEARANCE AT CTR.
USE 10 GAGE SHIMS AT 4 CORNERS. PACK SOUTH SIDE CORNERS WITH EXTRA 16 GAGE(±) UNTIL IT COMES UP SNUG. (NOW NOT IN CONTACT AT ANCHOR).

KING COUNTY ENGINEER'S OFFICE

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

BREAKS IN FLOOR

FOR A

SCHERZER ROLLING LIFT BRIDGE

OVER

DUWAMISH WATERWAY AT 14TH AVENUE SOUTH SEATTLE, WASHINGTON

DESIGNED BY

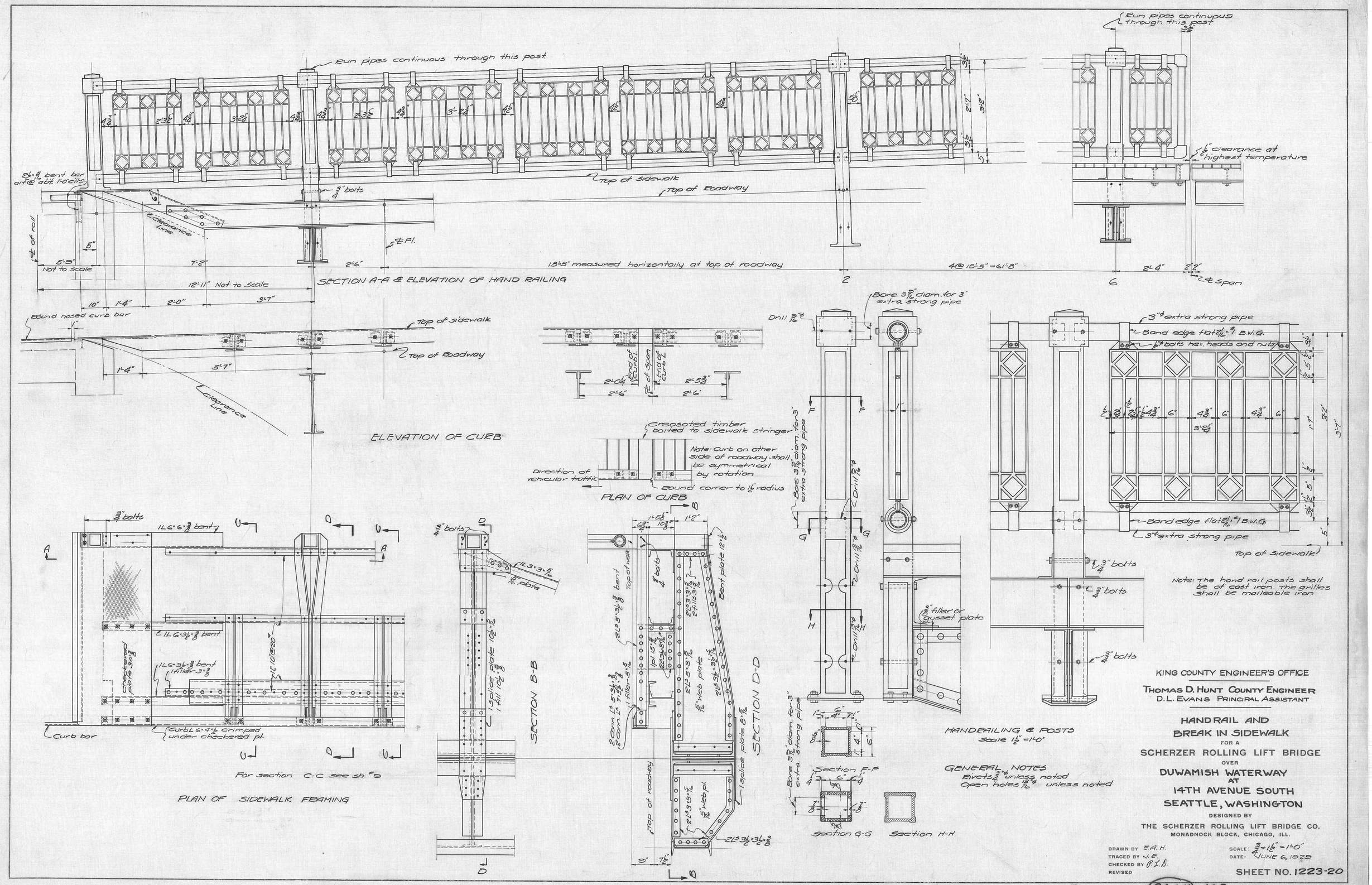
THE SCHERZER ROLLING LIFT BRIDGE CO.
MONADNOCK BLOCK, CHICAGO, ILL.

DRAWN BY E.A.H.
TRACED BY L.N.
CHECKED BY P.L.D.
REVISED 8-29-29

SCALE: 1½" = 1'-0"
DATE- JUNE 6, 1929

SHEET NO. 1223-19

DEC 29 1998 MICRO.
9603 103-115



KING COUNTY ENGINEER'S OFFICE

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

HAND RAIL AND BREAK IN SIDEWALK

FOR A

SCHERZER ROLLING LIFT BRIDGE

OVER

DUWAMISH WATERWAY

AT

14TH AVENUE SOUTH
SEATTLE, WASHINGTON

DESIGNED BY

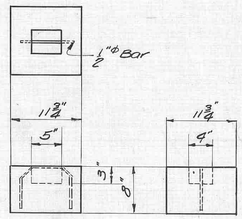
THE SCHERZER ROLLING LIFT BRIDGE CO.
MONADNOCK BLOCK, CHICAGO, ILL.

DRAWN BY E.A.H.
TRACED BY J.E.
CHECKED BY P.I.D.
REVISED

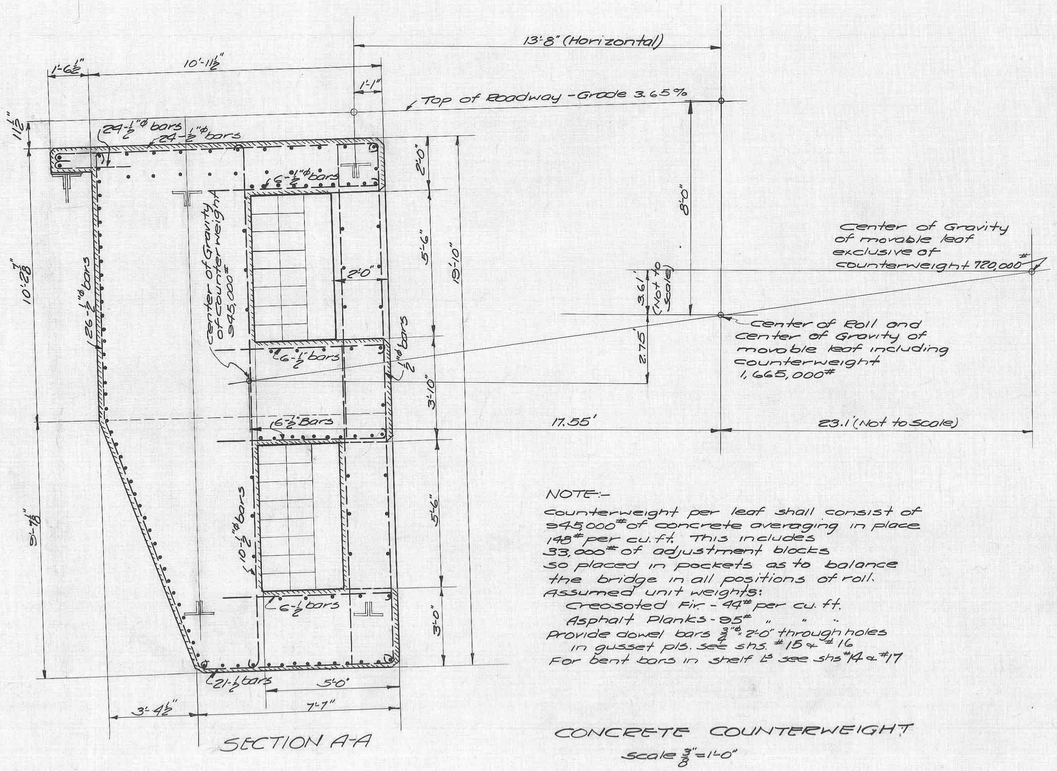
SCALE: 3/4" = 1 1/2" = 1'-0"
DATE: JUNE 6, 1929

SHEET NO. 1223-20

(9604) 103-11 T



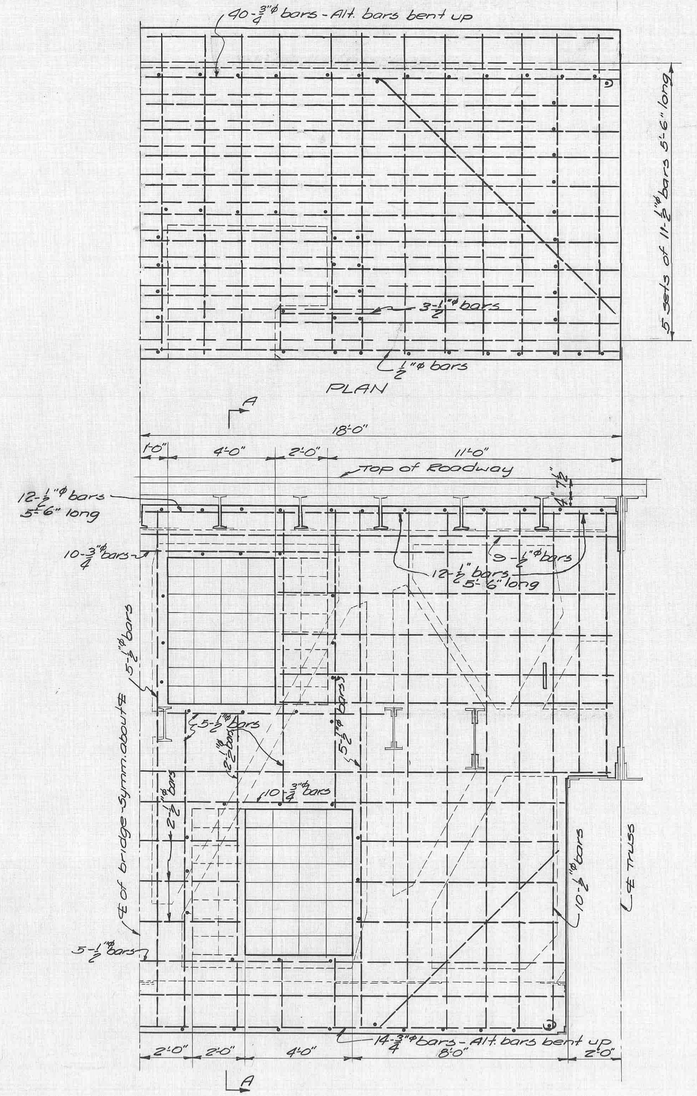
CONCRETE ADJUSTMENT BLOCKS



SECTION A-A

NOTE:-
Counterweight per leaf shall consist of 945,000# of concrete averaging in place 148# per cu. ft. This includes 33,000# of adjustment blocks so placed in pockets as to balance the bridge in all positions of roll.
Assumed unit weights:
Creosoted Fir - 44# per cu. ft.
Asphalt Planks - 85# " " "
Provide dowel bars 3/4"φ, 2'-0" through holes in gusset pls. see shs. #15 & #16
For bent bars in shelf L's see shs #14 & #17

CONCRETE COUNTERWEIGHT
Scale 3/8" = 1'-0"



KING COUNTY ENGINEER'S OFFICE

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

CONCRETE COUNTERWEIGHT

FOR A

SCHERZER ROLLING LIFT BRIDGE

OVER

DUWAMISH WATERWAY

AT

14TH AVENUE SOUTH
SEATTLE, WASHINGTON

DESIGNED BY

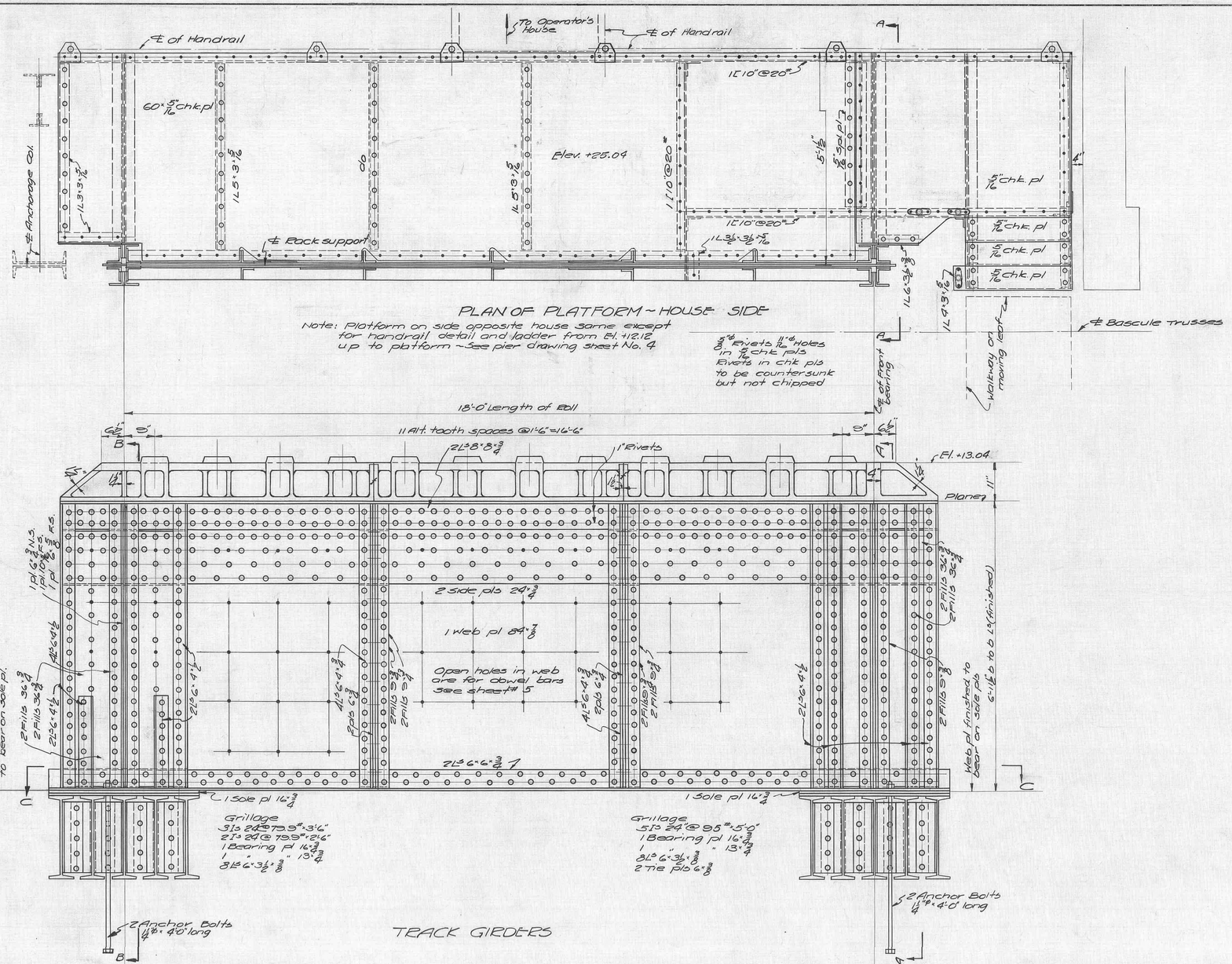
THE SCHERZER ROLLING LIFT BRIDGE CO.
MONADNOCK BLOCK, CHICAGO, ILL.

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

SCALE: 3/8" = 1'-0"
DATE: JUNE 6, 1929

SHEET NO. 1223-21

DEC 29 1998 MICRO
9605 103-11 U



SPECIAL FITTING NOTES:
Top flanges of track girders shall be bolted up with web plates and side plates projecting at least ¼" beyond the flange angles.
Rivet holes shall then be reamed or drilled and rivets driven. After riveting, the web plates, side plates, and angles shall be finished to a true plane, square with the web plate.
The track castings shall have perfect bearing throughout their full length.
Not more than ¼" shall be removed from the angles in finishing.
Intermediate stiffener angles and fills between outstanding legs shall be finished to bear at the top.
End stiffeners shall be finished to bear at the top and bottom.

General Notes:-
Rivets ⅝" ⌀ unless noted.
Open holes 13/16" ⌀ unless noted.
Steel in contact with concrete shall not be painted or oiled.
For sect. A-A & B-B see sheet No. 24

KING COUNTY ENGINEER'S OFFICE

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

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

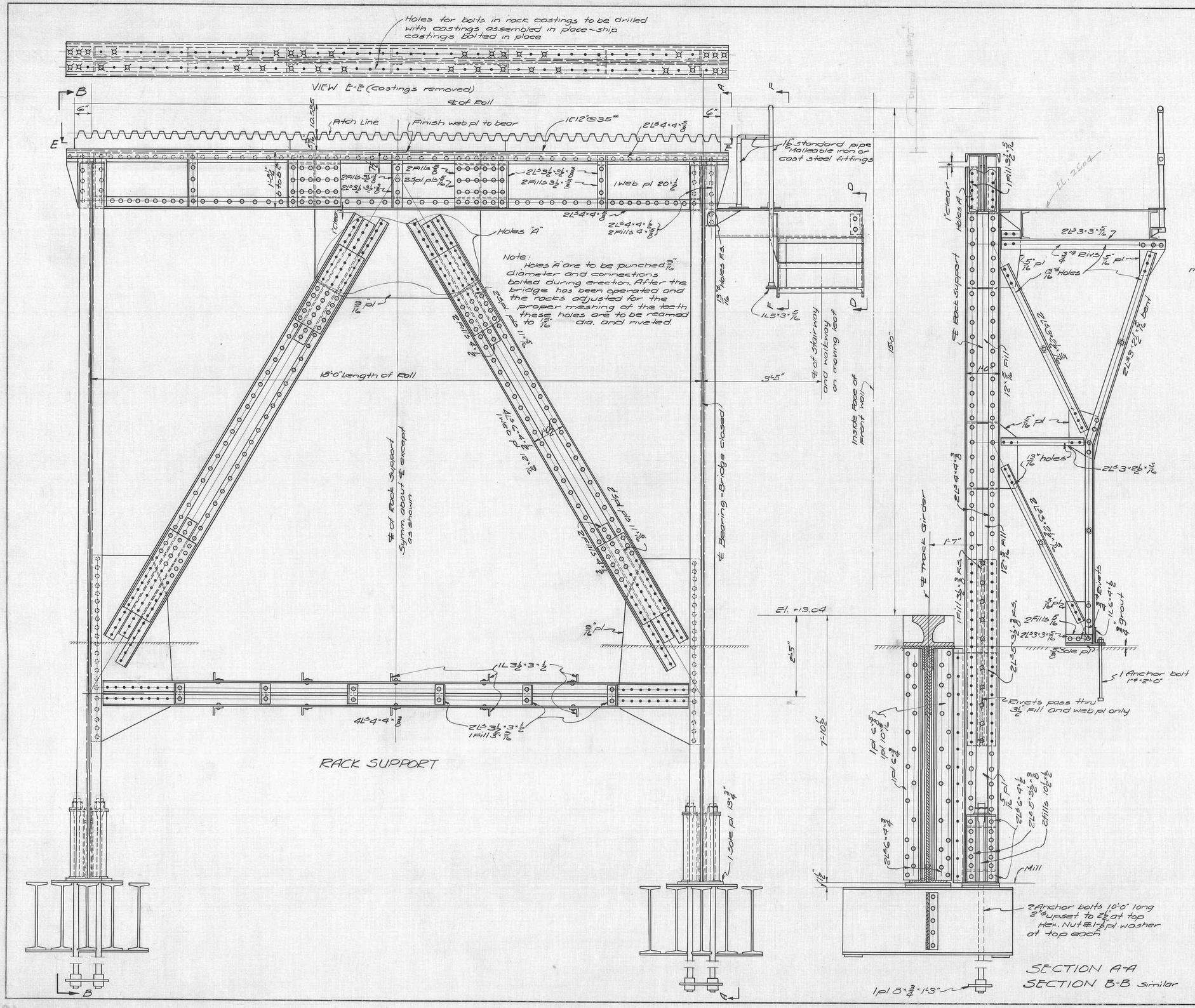
DESIGNED BY
THE SCHERZER ROLLING LIFT BRIDGE CO.
MONADNOCK BLOCK, CHICAGO, ILL.

DRAWN BY A.L.E.S.
TRACED BY J.E.
CHECKED BY P.T.D.
REVISED 8-29-29

SCALE: ¾" = 1'-0"
DATE: JUNE 6, 1929

SHEET NO. 1223-23

DEC 29 1998 MICRO. 9607 103-11 W



General Notes:
Rivets 3/4" unless noted.
open holes 13/16" unless noted.
Steel in contact with concrete shall not be painted or oiled.

KING COUNTY ENGINEER'S OFFICE

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

RACK SUPPORTS

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.E.S.
TRACED BY J.E.
CHECKED BY P.L.D.
REVISED 8-27-29

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

SHEET NO. 1223-24

9608 103-11X