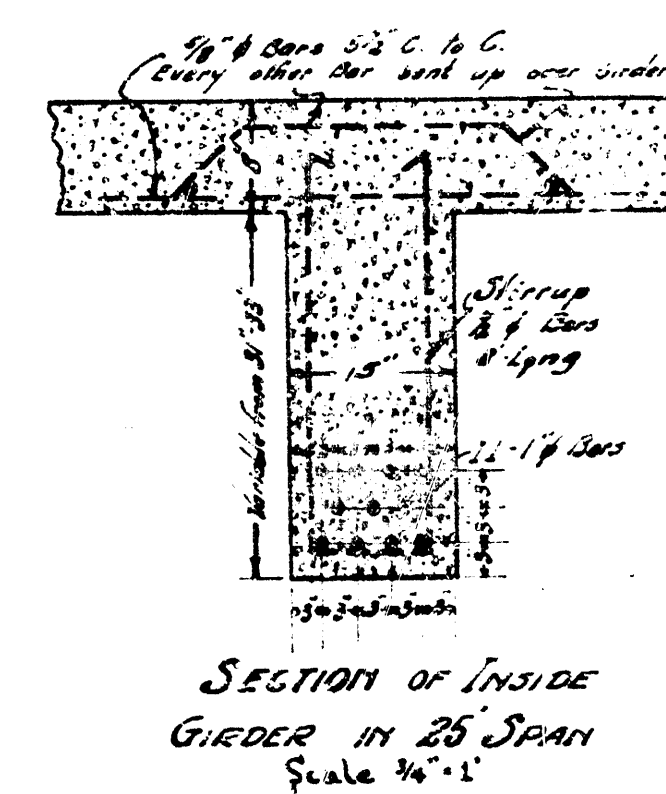
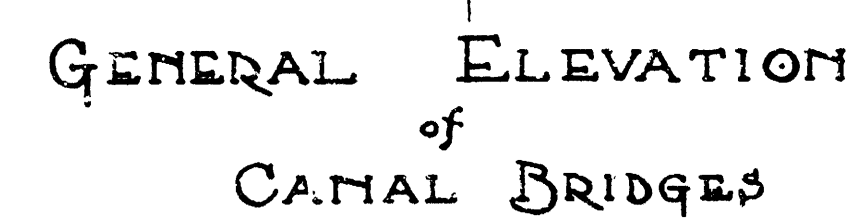




MAXIMUM STRESSES

6000 pounds per square
inch steel

550 pounds per square
inch concrete

120 pounds per square
inch bond between
steel and concrete

In 4 Sheets. Sheet No. 1.

APPROVED BY BOARD OF CITY COMMISSIONERS
AUGUST 25TH 1924

Wm. C. C. C.

DRAINAGE CANAL BRIDGE
AT THE FOLLOWING STREETS

EIGHTEENTH SEVENTEENTH FIFTEENTH	THIRTEENTH ELEVENTH TENTH	FIFTH MURDOCK CENTRAL	THIRD SECOND FIRST
--	---------------------------------	-----------------------------	--------------------------

6 KELLOGG

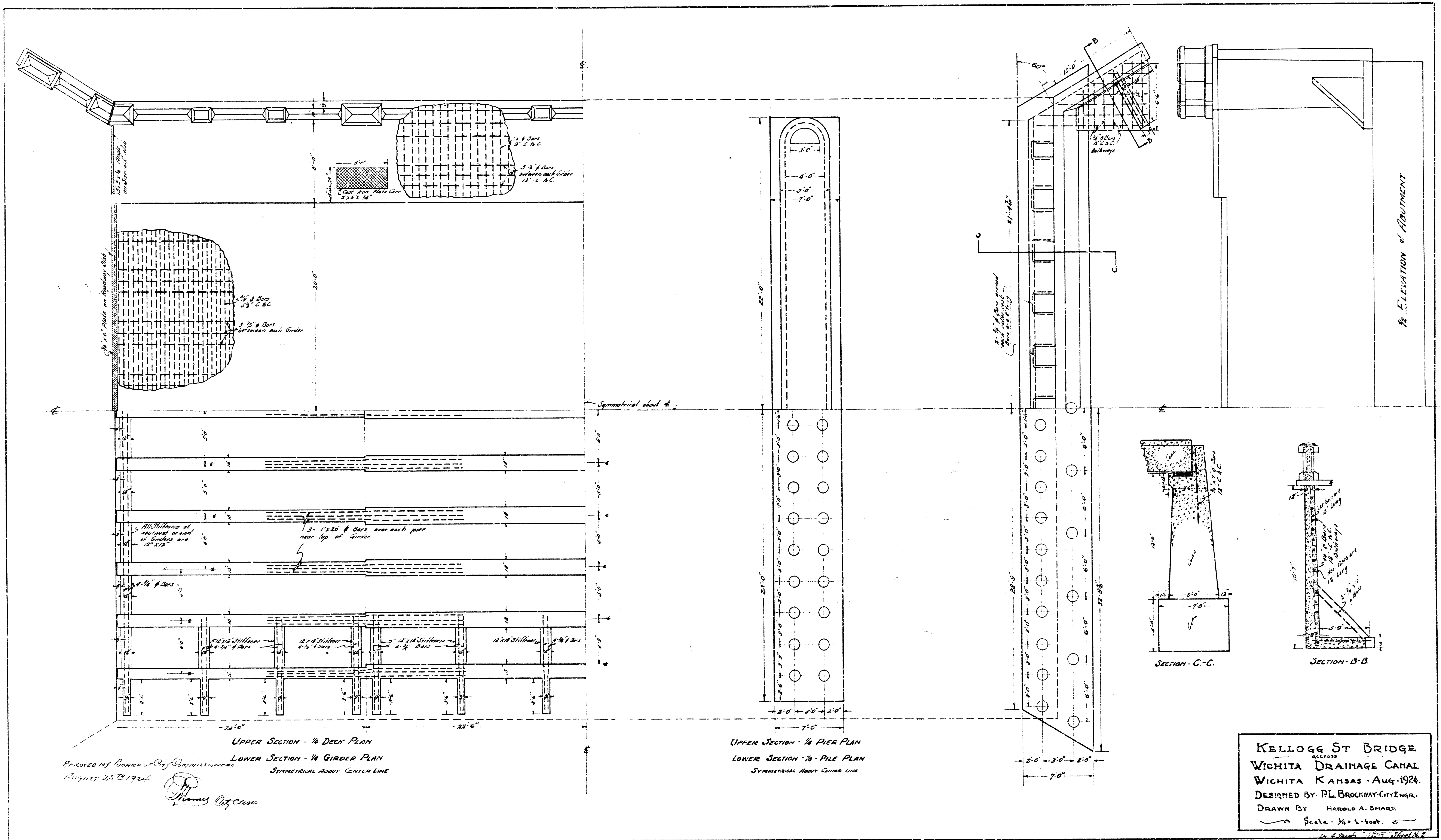
WICHITA KANSAS Aug. 1924

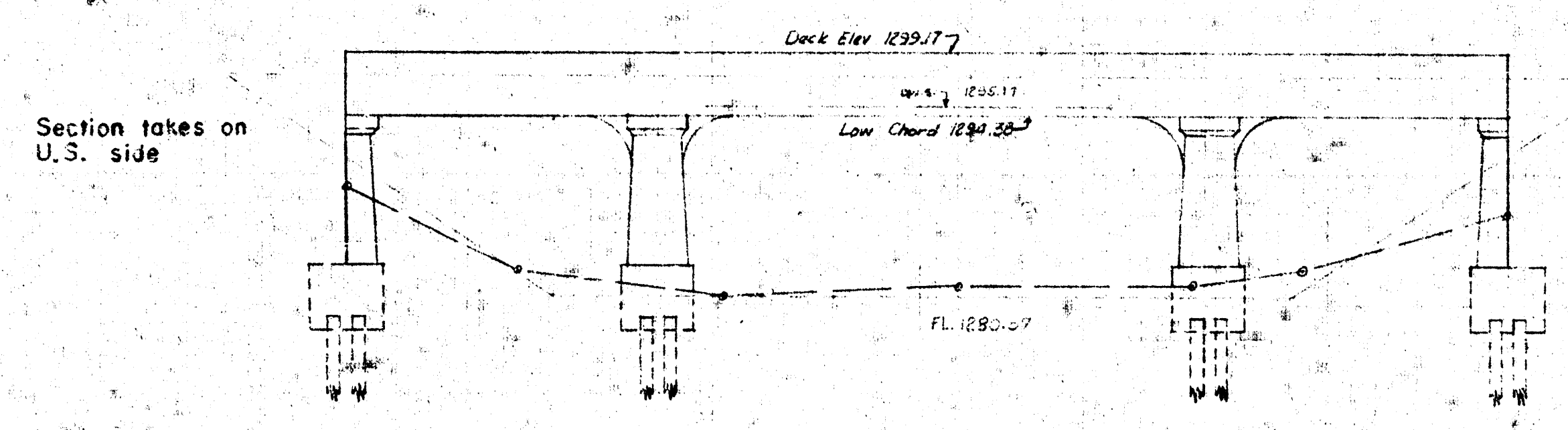
DESIGNED BY P. L. BROCKWAY CITY ENGR.

DRAWN BY HAROLD A. SMART.

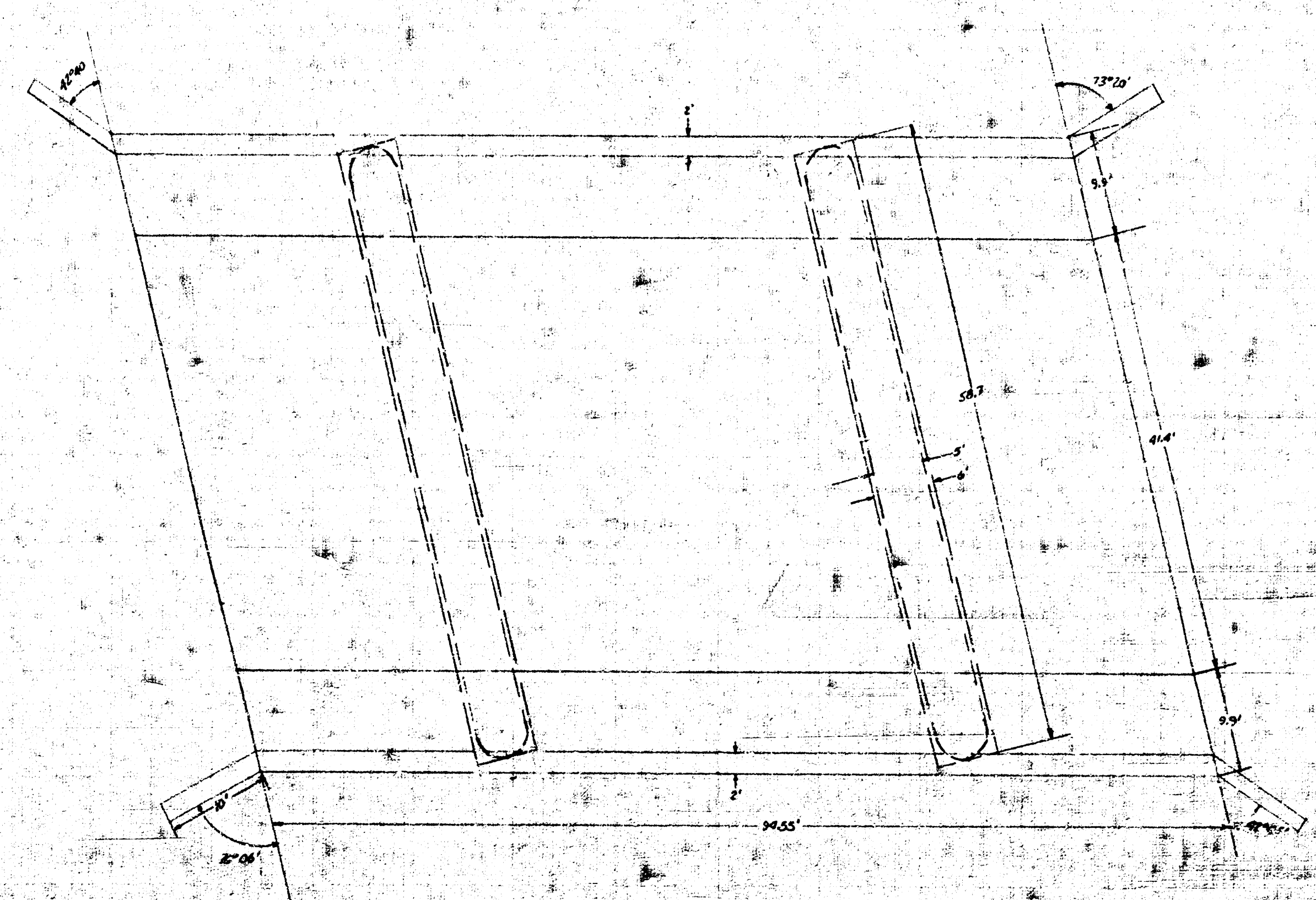
Scale 1/4" = 1 foot.

1000
1000
1000
1000
1000



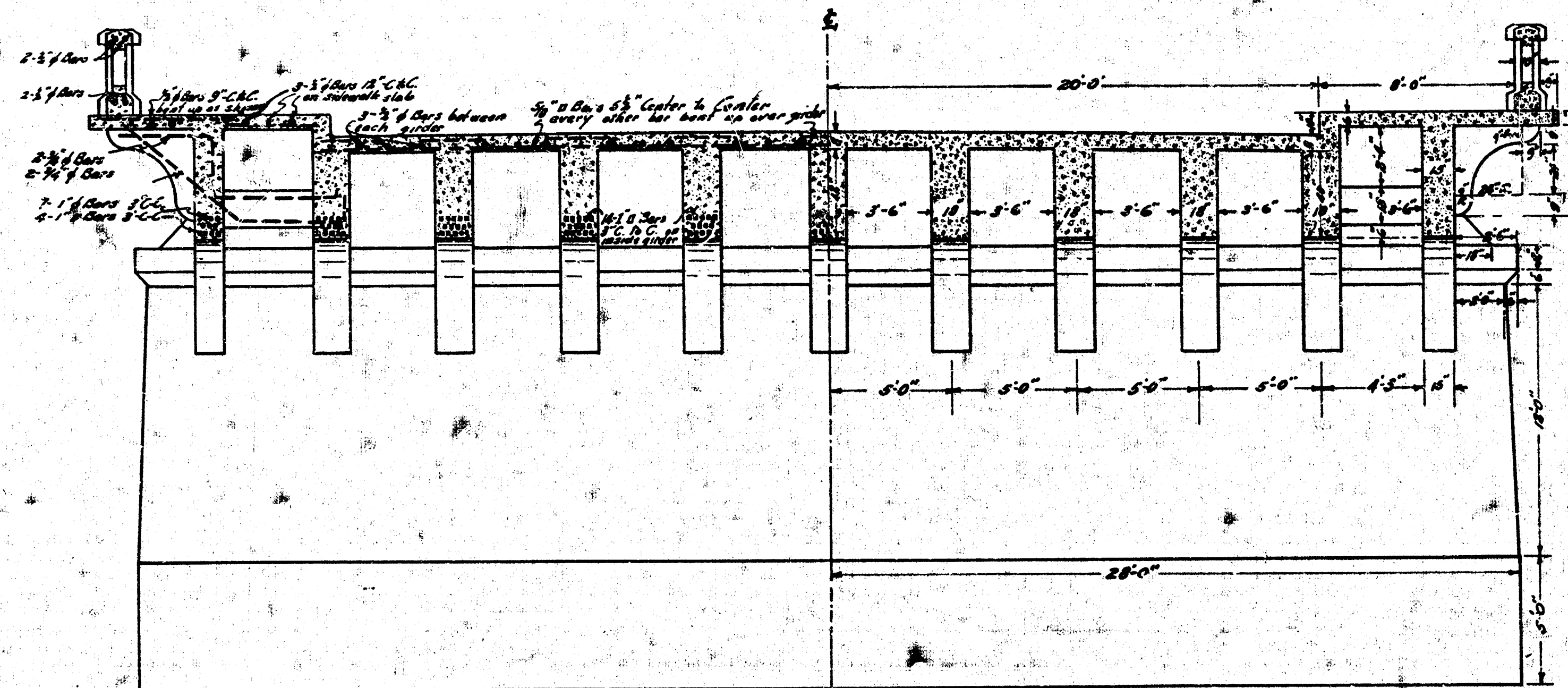


RIGHT BANK



FIRST ST. BR

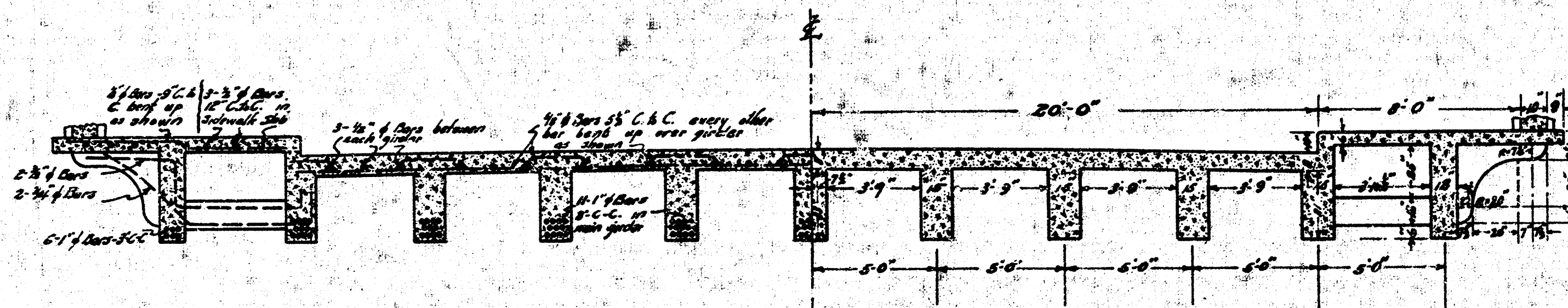
SCALE 1" = 10'



1/2 SECTION SHOWING REINFORCEMENT
SYMMETRICAL ABOUT CENTER LINE.

1/2 SECTION SHOWING DIMENSIONS
SYMMETRICAL ABOUT CENTER LINE.

SECTION A-A OF SHEET No. 1
THROUGH CENTER OF 25' SPAN



1/2 SECTION SHOWING REINFORCEMENT
SYMMETRICAL ABOUT CENTER LINE.

1/2 SECTION SHOWING DIMENSIONS
SYMMETRICAL ABOUT CENTER LINE.

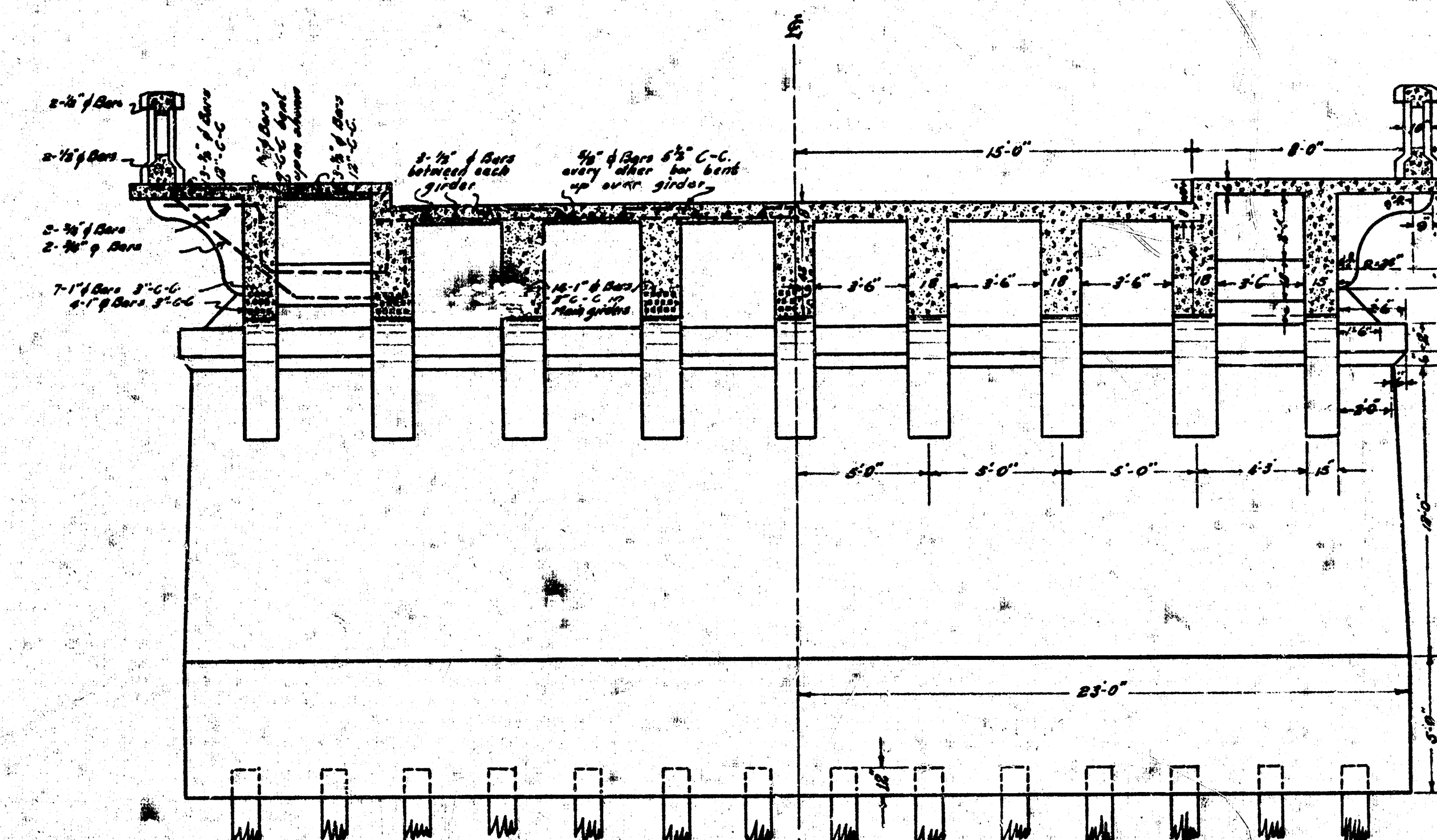
SECTION NEAR CENTER OF 25' SPAN

TYPICAL SECTIONS OF CANAL BRIDGES WITH 40' ROADWAY	
AT	
SEVENTEENTH	CENTRAL
THIRTEENTH	THIRD
NINTH	SECOND
MURDOCK	FIRST
E. YELLOD	

APPROVED BY BOARD OF CITY COMMISSIONERS
AUGUST 25TH 1924

Thomas O. Clark

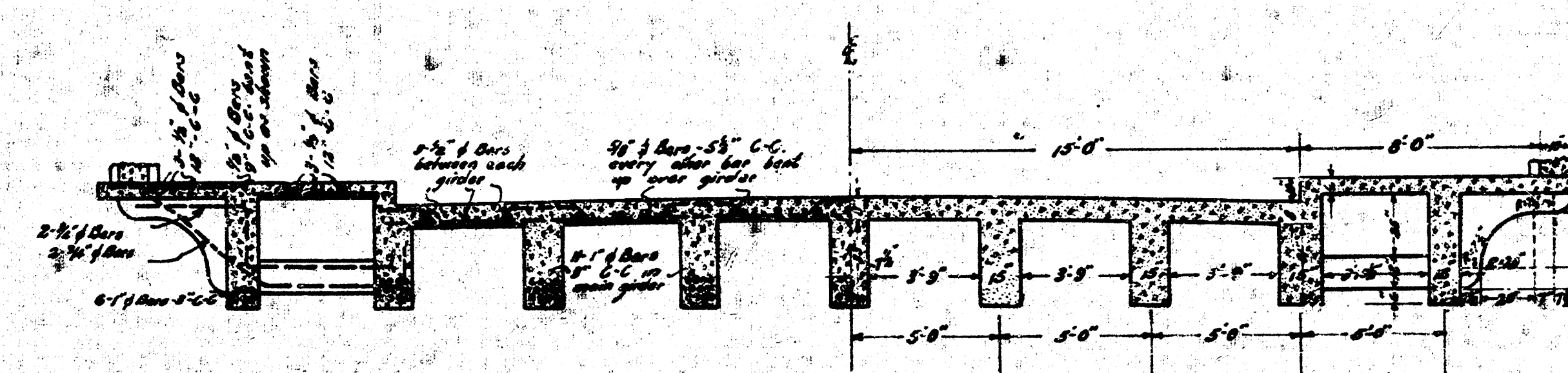
DRAINAGE CANAL BRIDGES
VICHITA KANSAS — 1924
DESIGNED BY H. L. BROCKWAY - CITY ENGR.
DRAWN BY HAROLD A. SMART
Scale 1/4" = 1'-0"
IN 4 SHEETS
No. 4.



1/2 SECTION SHOWING REINFORCEMENT
SYMMETRICAL ABOUT CENTER LINE.

1/2 SECTION SHOWING DIMENSIONS
SYMMETRICAL ABOUT CENTER LINE.

SECTION A-A OF SHEET No. 1
THROUGH CENTER OF 45' SPAN



1/2 SECTION SHOWING REINFORCEMENT
SYMMETRICAL ABOUT CENTER LINE.

1/2 SECTION SHOWING DIMENSIONS
SYMMETRICAL ABOUT CENTER LINE.

SECTION NEAR CENTER OF 25' SPAN

TYPICAL SECTIONS OF CANAL BRIDGES WITH 30' ROADWAY AT	
EIGHTEENTH	ELEVENTH
FIFTEENTH	TENTH