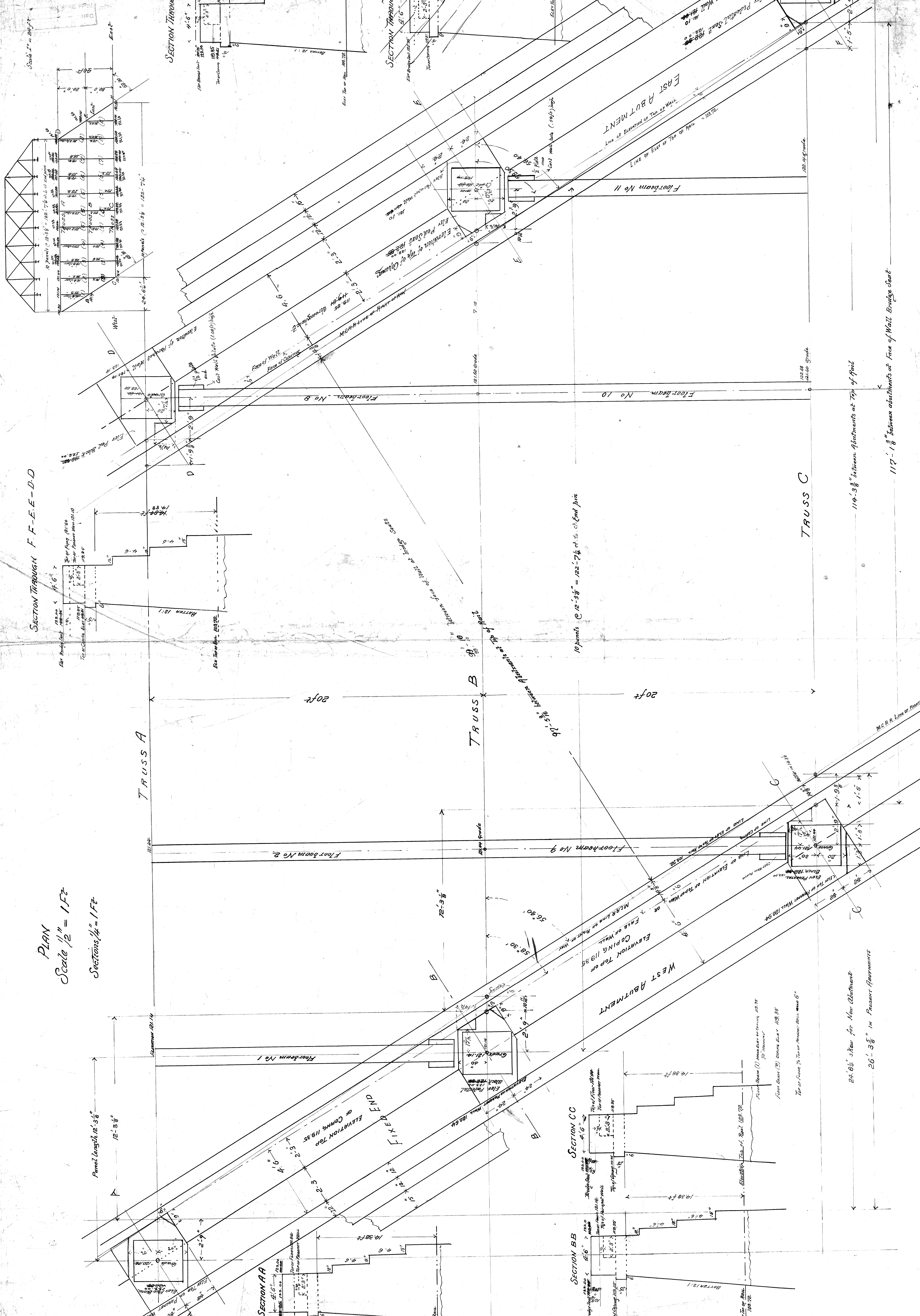


PLAN  
 Scale  $\frac{1}{2}'' = 1' - 0''$   
 Sections  $\frac{1}{4}'' = 1' - 0''$

Panel length  $12' - 3\frac{3}{8}''$   
 $12' - 5\frac{1}{8}''$

File X061-1



10 panels @  $12' - 3\frac{3}{8}'' = 122' - 7\frac{1}{4}''$  of  $16' - 0''$  end panel

114'-3 3/8" between abutments at top of panel  
 117'-1 3/8" between abutments at face of wall bridge steel

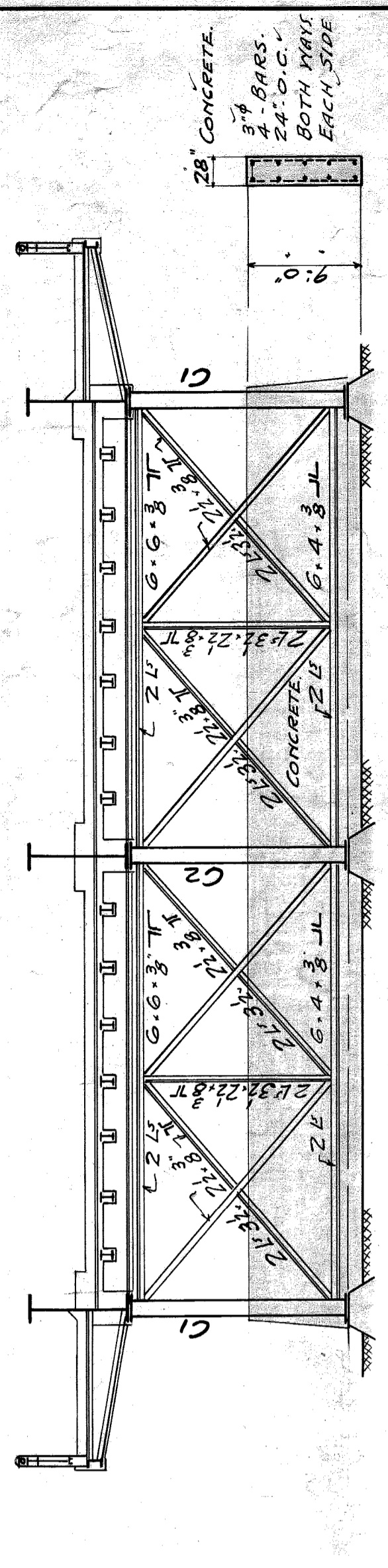
24'-6 1/2" clear for new abutment  
 26'-5 3/8" in present abutments

File X061-1  
 Note: Bridge Report



MARK	SPAN	END SHEAR	MAX. MOM.	MATERIAL EACH FLANGE	NET AREA	GROSS AREA	NET AREA
G1	47'-6"	260,000	3,160,000	1-21 1/2 x 41	31.60	31.60	28.10
G5	74'-0"	400,000	7,500,000	1-21 1/2 x 41	77.50	77.50	66.50
G3	47'-6"	310,000	3,800,000	1-21 1/2 x 41	38.98	38.98	34.48
G4	74'-0"	500,000	9,350,000	1-21 1/2 x 41	95.88	95.88	81.88

MARK	UPPER LENGTH	TOTAL LENGTH	BENDING	SECTION	SKETCH	AREA
C1	17'-6"	665,000	1,150,000	2-15 1/2 x 50		62.00
C2	17'-6"	815,000	1,620,000	2-15 1/2 x 50		78.00

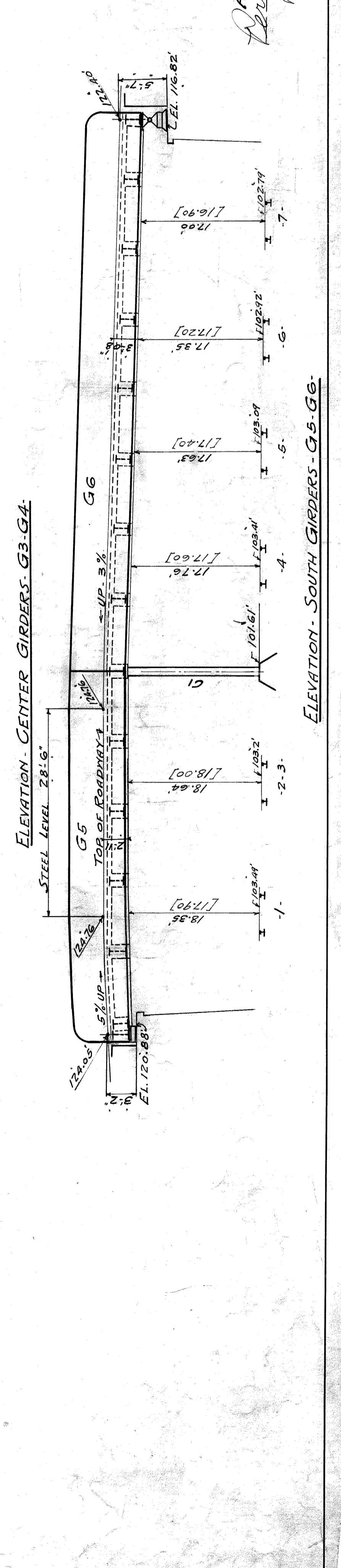
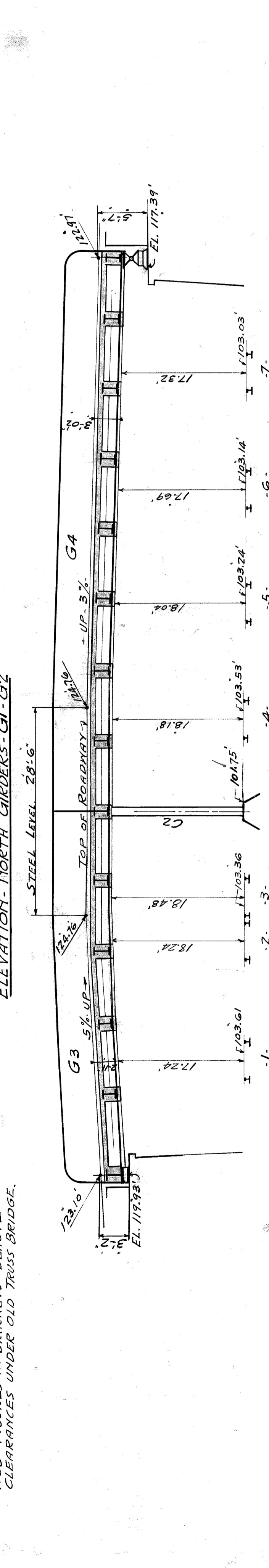
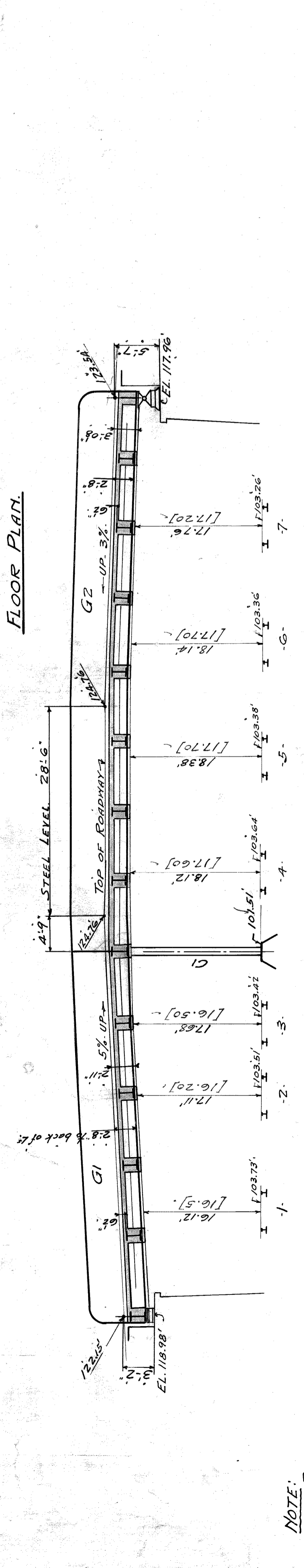
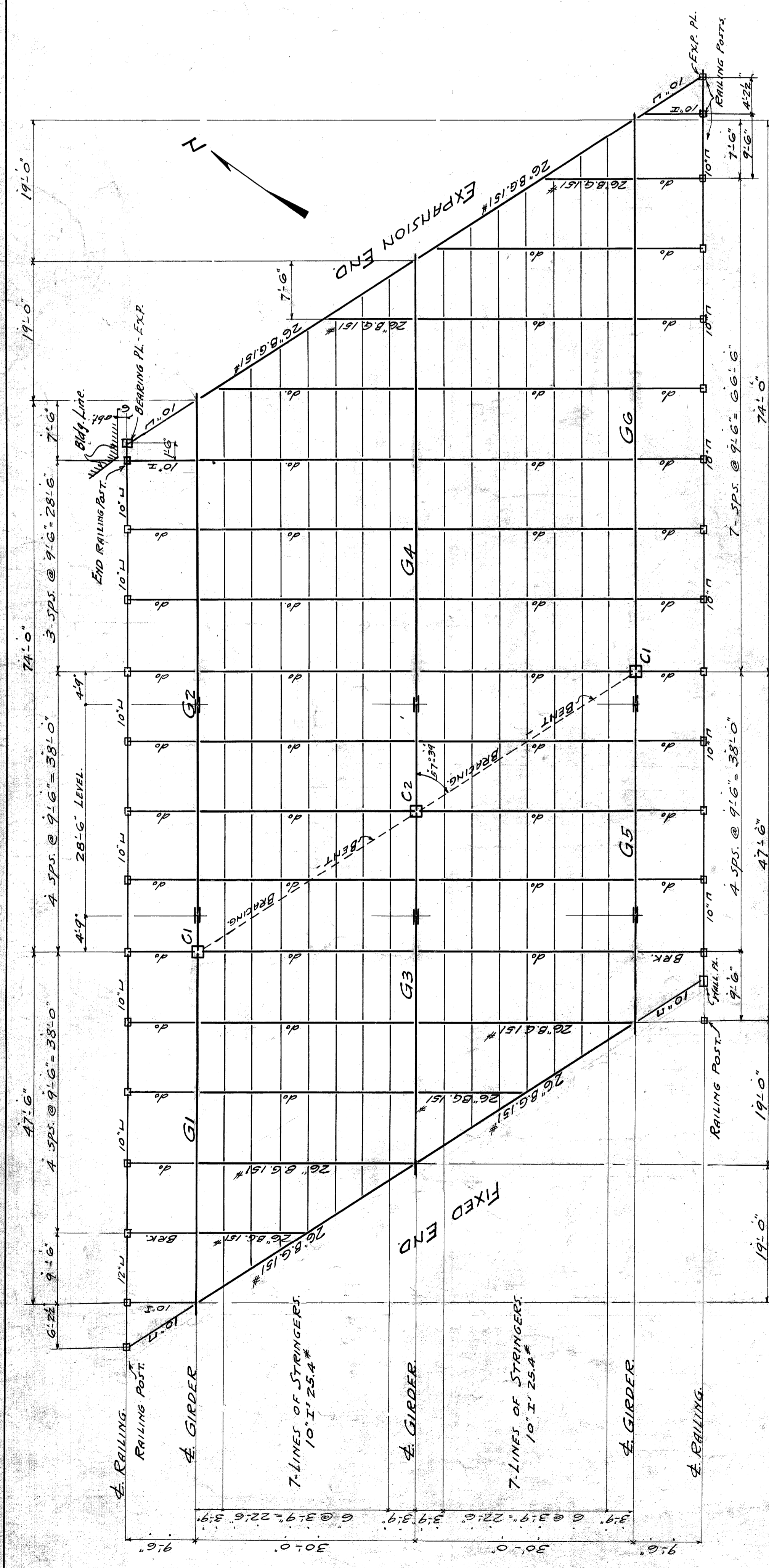


**NOTE:**  
 ALL INT. STIFFENERS 6" x 3/4" CRIMBED OVER FLG. ANGLES EXCEPT AT FLOOR BR AND BRACKET CORN. END STIFFENERS SPECIAL SEE OTHER PLANS.  
 COVER PLATES SYMMETRICAL ABOUT CEN. LINE OF GIRDER.

**GENERAL NOTES:**  
 LINE LOAD AND IMPACT: AS PER MICHIGAN STATE HIGHWAY DEPARTMENT SPECIFICATIONS FOR HIGHWAY BRIDGES-1920. EDITION. TWO LINES OF 18-TON TRUCKS AND ONE OF AUTOS. EACH ROADWAY. EQUIVALENT UNIFORM LOAD - ROADWAY-150 #/L. - 250 #/L. TOTAL = 400 #/L. SIDEWALK-100 #/L. - 100 #/L. TOTAL = 200 #/L. GAS MAIN. COVER, RAILING, CONCRETE IMPACT = 25% ADDED FOR FLOOR BEAMS AND STRINGERS. NO IMPACT FOR GIRDERS OR COLUMN LOADS.  
 UNIT STRESSES - STEEL - TENSION, 16,000 #/SQ. IN. NET SEC. COMP. 16,000 #/SQ. IN. GROSS. SHEAR, 10,000 #/SQ. IN. GROSS.  
 CONCRETE -  $f_c = 6000$  #/SQ. IN.  $f_s = 6000$  #/SQ. IN.  
 RIVETS - 7/8"  
 STOP RIVETS - 12,000 SHEAR. BEARING - 24,000. FIELD RIVETS - 10,000 SHEAR. BEARING - 20,000. BEARING ON MASONRY - 500 #/SQ. BEARING ON SOIL - 5,000 #/SQ.

**PAINT NOTE:**  
 THAT PORTION OF STEEL COVERED WITH CONCRETE NOT TO BE PAINTED.  
 SHOP PAINT - 1 COAT OF RED LEAD.  
 FIELD PAINT - 2 COATS WHITE LEAD IN OIL - COLOR TO BE DETERMINED BY ENGINEER.  
 STEEL DRAWINGS - 1-2-6-7  
 CONCRETE DO - 3-4-5.

**CITY OF DETROIT.**  
 DEPARTMENT OF PUBLIC WORKS  
 OFFICE OF CITY ENGINEER.  
 DIVISION OF GRADE SEPARATION & BRIDGES.  
**WEST LAFAYETTE AVENUE BRIDGE.**  
**M.C.R.R. MAIN LINE TRACKS**  
**OVER**  
**GENERAL PLAN - STRUCTURAL STEEL.**  
 SCALE 1" = 10'-0"  
 Revised: May 12, 1926  
 Made By: H.N. Aikman.  
 APPROVED BY: *Harry C. Fellner* CITY ENGINEER 1926  
 FILE NO 61-4



**NOTE:**  
 RED FIGURES IN BRACKETS DENOTE CLEARANCES UNDER OLD TRUSS BRIDGE.

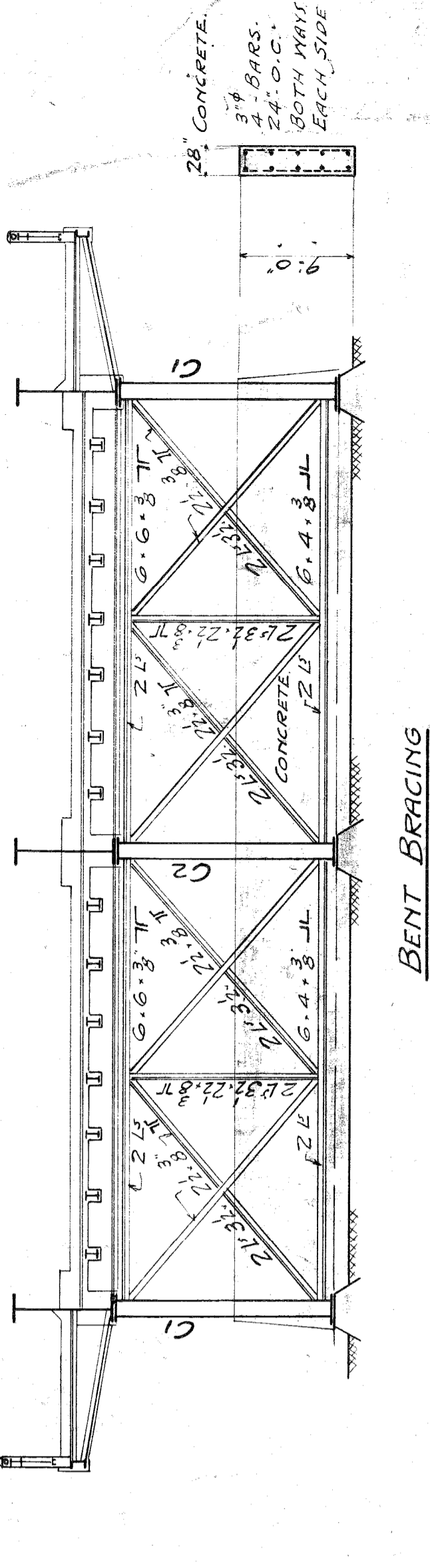






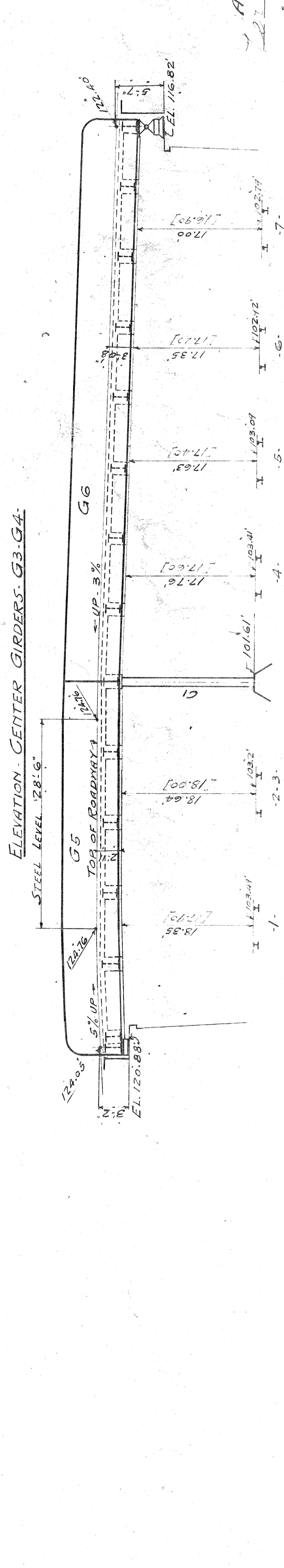
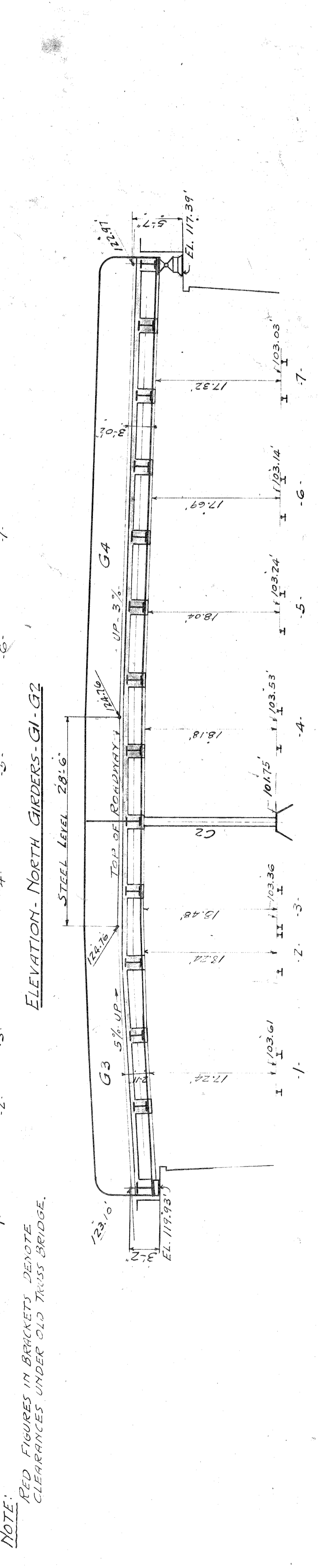
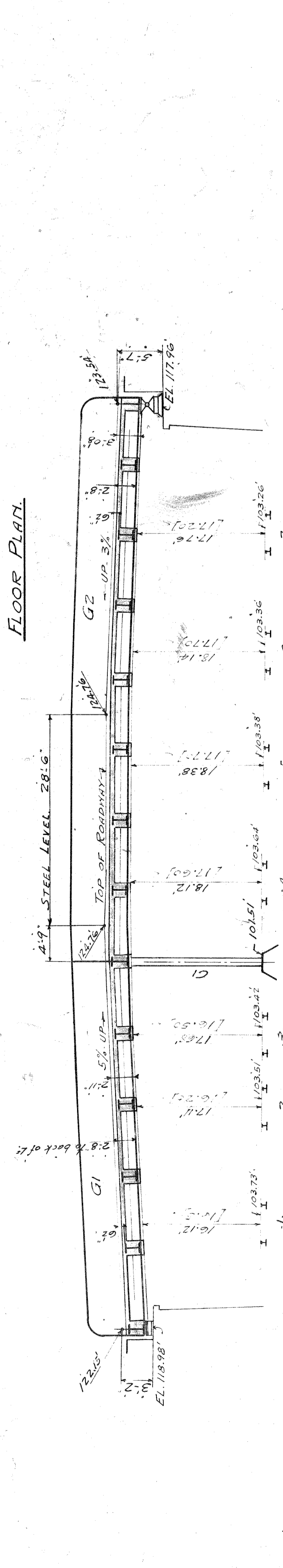
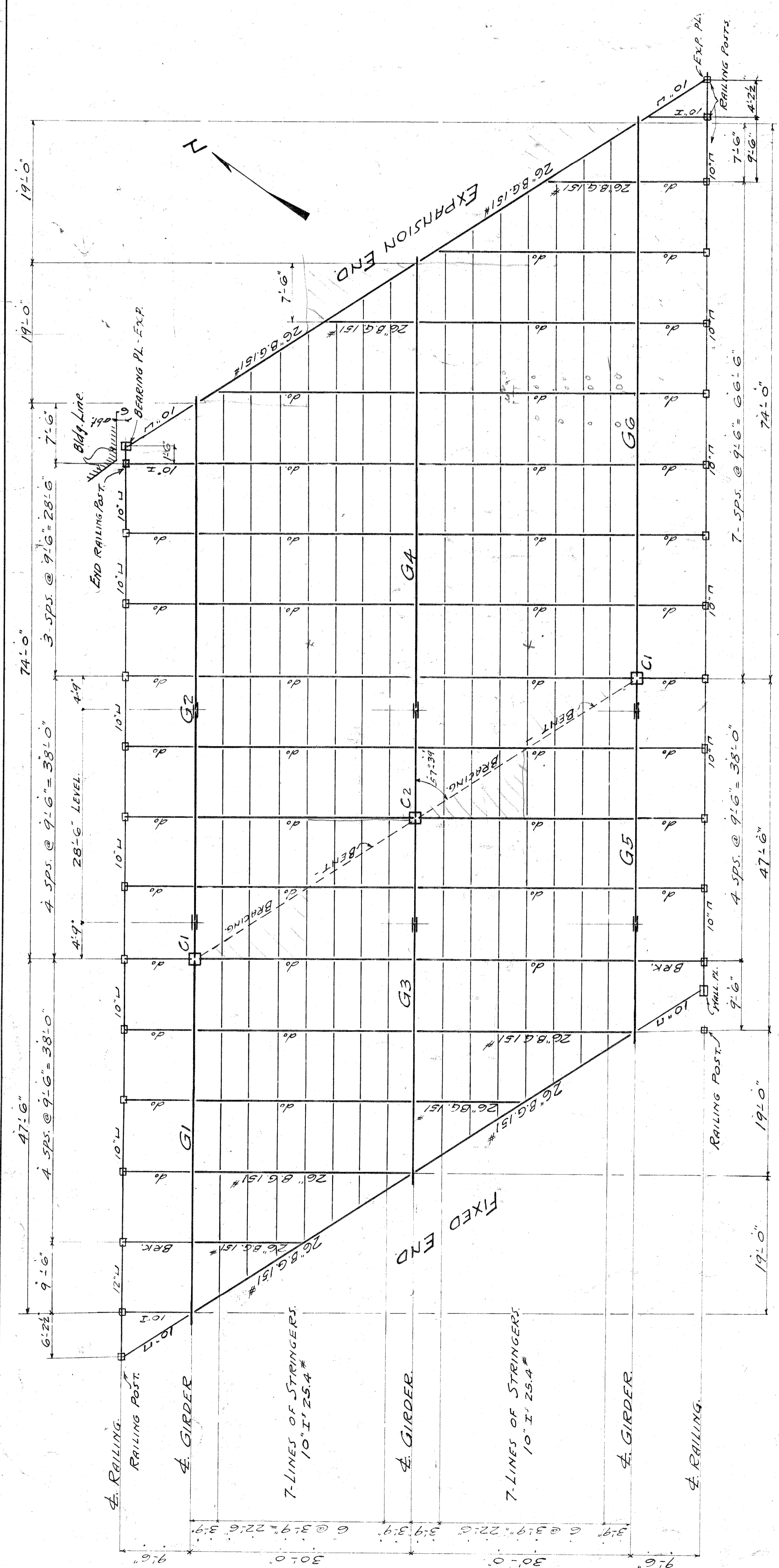
MARK	SPAN	END SHEAR	MAX. MOM.	MATERIAL EACH FLANGE		GROSS AREA	NET AREA
				ANGLE (SIDE PLS. TOP COVER)	PLATE (BOTT. COVER)		
G1	47'-6"	260,000	1,800,000	2-8-8-1/2	1-21-1/2-1/4	31.60	29.10
G2	74'-0"	400,000	7,500,000	2-8-8-3/4	1-21-1/2-5/16	77.50	66.50
G3	47'-6"	310,000	3,800,000	2-8-8-3/4	1-21-1/2-3/8	38.98	34.48
G4	74'-0"	500,000	3,500,000	2-8-8-3/8	1-21-3/8-5/16	95.88	81.89

MARK	GIRDER LENGTH	MAX. TOTAL LOAD	BENDING	SECTION		AREA
				TOP PLS.	BOTT. PLS.	
G1	17'-6"	665,000	1,150,000	2-15-1/2-5/16	2-12-1/2-1/4	62.00
G2	17'-6"	815,000	1,620,000	2-15-1/2-5/16	2-12-1/2-1/4	78.00



**GENERAL NOTES:**  
 LIVE LOAD AND IMPACT: AS PER MICHIGAN STATE HIGHWAY DEPARTMENT SPECIFICATIONS FOR HIGHWAY BRIDGES-1920 EDITION.  
 TWO LINES OF 18-TON TRUCKS AND ONE OF 40-TON ROADWAY EQUIVALENT UNIFORM LOAD - ROADWAY-150 #/sq. ft. + BRACKET CON. COVER, RAILING, CONCRETE FACIA GIRDER AND 16" GAS MAIN.  
 IMPACT = 25% ADDED FOR FLOOR BEAMS AND STRINGERS.  
 NO IMPACT FOR GIRDERS OR COLUMN LOADS.  
 UNIT STRESSES - STEEL = TENSION, 16,000 #/sq. in. NET SEC. COMP. = 10,000 #/sq. in. GROSS. SHEAR = 10,000 #/sq. in. GROSS.  
 CONCRETE =  $f_c = 600 #/sq. in.$   
 RIVETS = 3"  
 SHOP RIVETS = 12,000 # SHEAR, BEARING = 24,000 #  
 FIELD RIVETS = 10,000 # SHEAR, BEARING = 20,000 #  
 BEARING ON MASONRY = 500 #/sq. in.  
 BEARING ON SOIL = 5,000 #/sq. in.

**PRINT NOTE:**  
 THAT PORTION OF STEEL COVERED WITH CONCRETE NOT TO BE PRINTED.  
 SHOW PRINT - 1 COAT OF RED LEAD  
 FIELD PRINT - 2 COATS WHITE LEAD IN OIL - COLOR TO BE DETERMINED BY ENGINEER.  
 STEEL DRAWINGS: 1-2-6-7  
 CONCRETE DO - 3-4-5.



**NOTE:**  
 RED FIGURES IN BRACKETS DENOTE CLEARANCES UNDER OLD TRUSS BRIDGE.

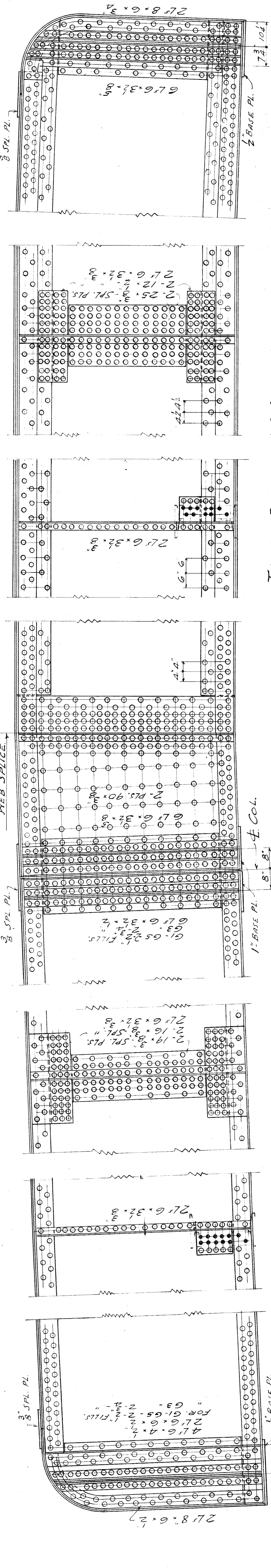
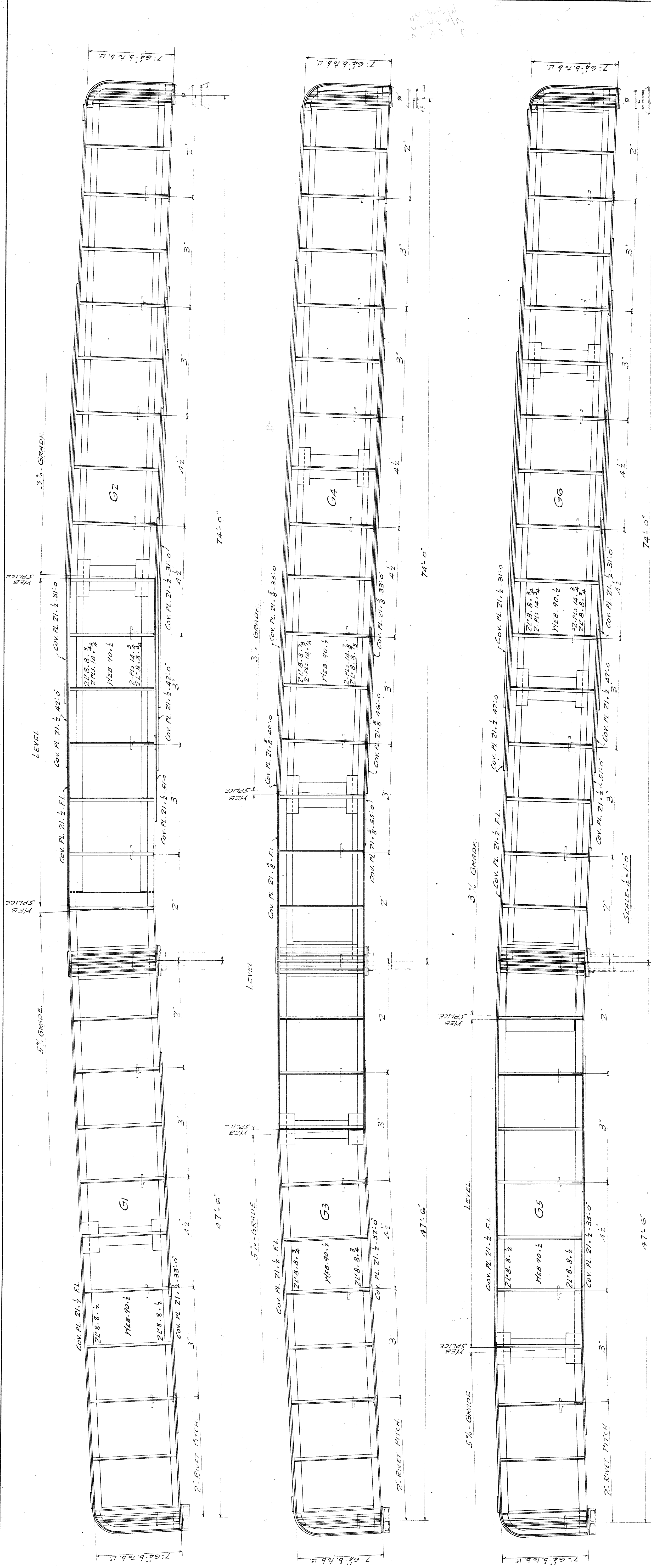
**CITY OF DETROIT.**  
 DEPARTMENT OF PUBLIC WORKS  
 OFFICE OF CITY ENGINEER  
 DIVISION OF GRADE SEPARATION & BRIDGES  
**WEST LAFAYETTE AVENUE BRIDGE.**  
 M.C.R.R. MAIN LINE TRACKS  
**GENERAL PLAN - STRUCTURAL STEEL.**  
 SCALE 1" = 10' 0"  
 Revised: May 12, 1926  
 APRIL 1926  
 Made By: H.H. Aikman

APPROVED: [Signature] 1926  
 CITY ENGINEER









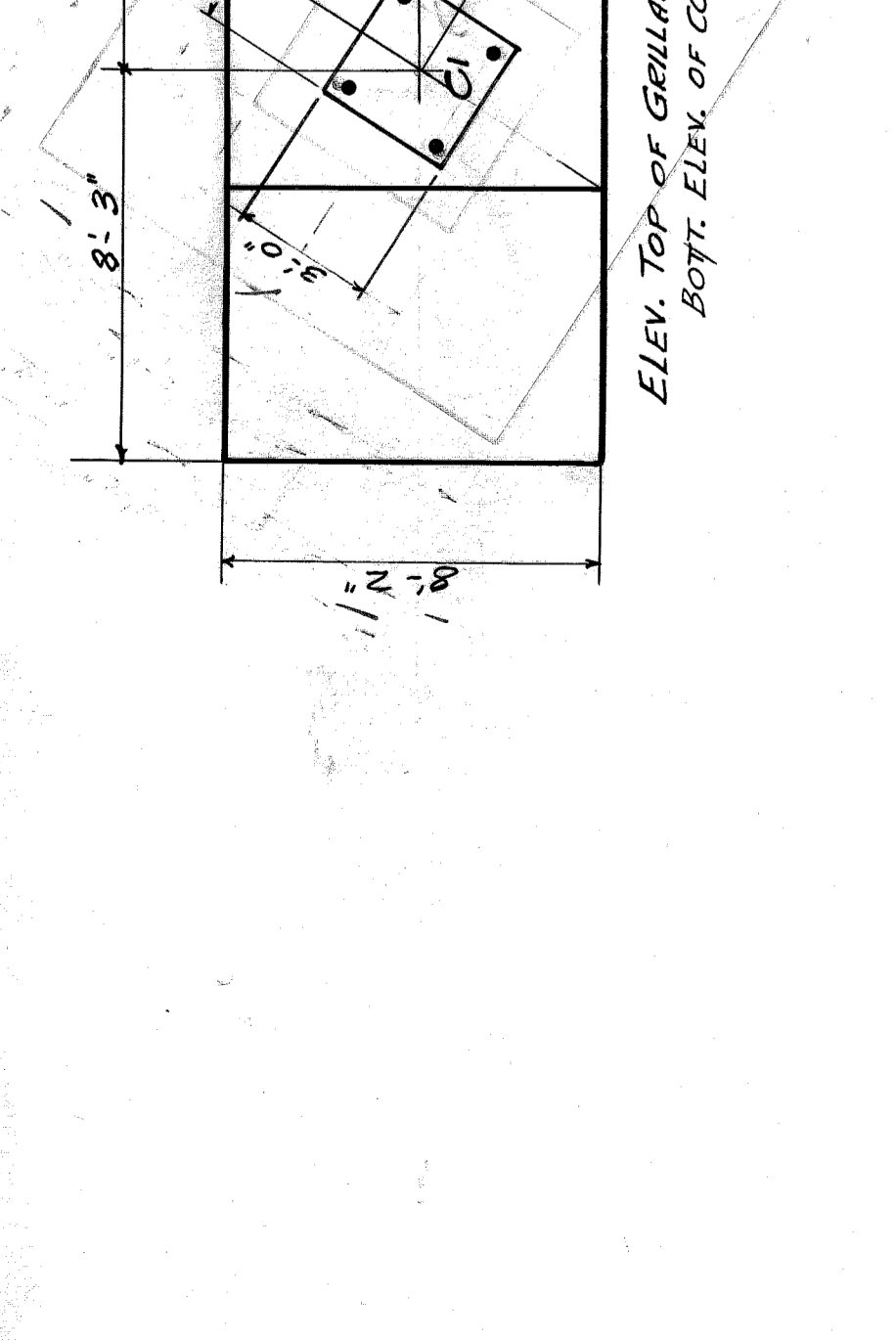
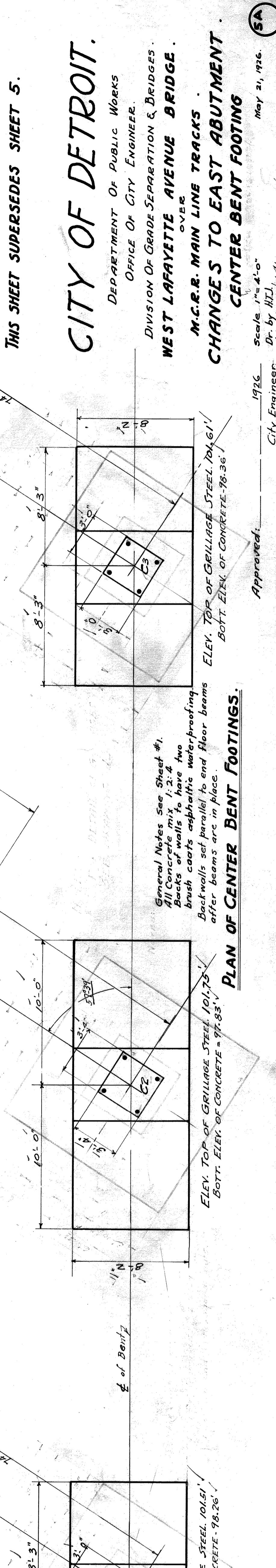
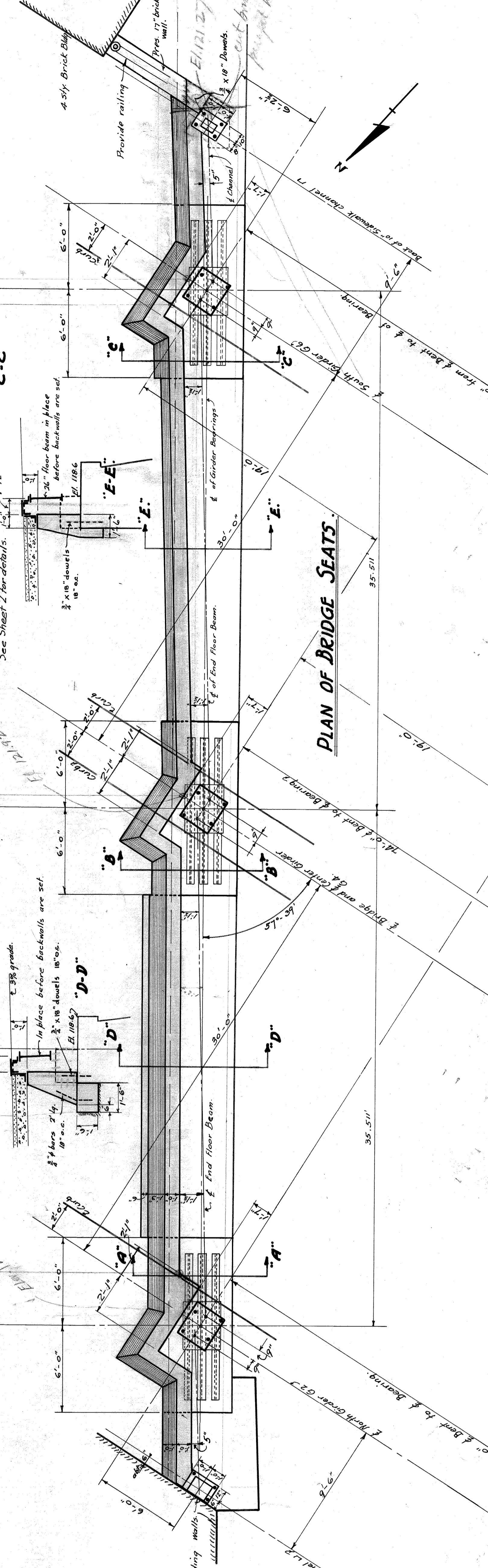
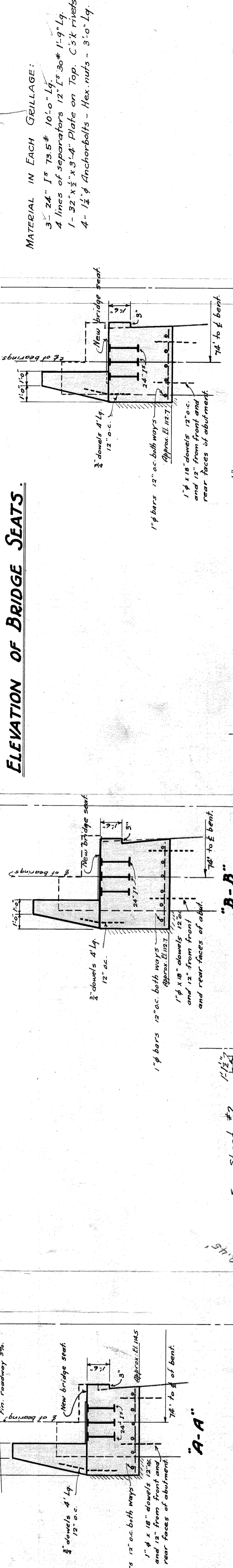
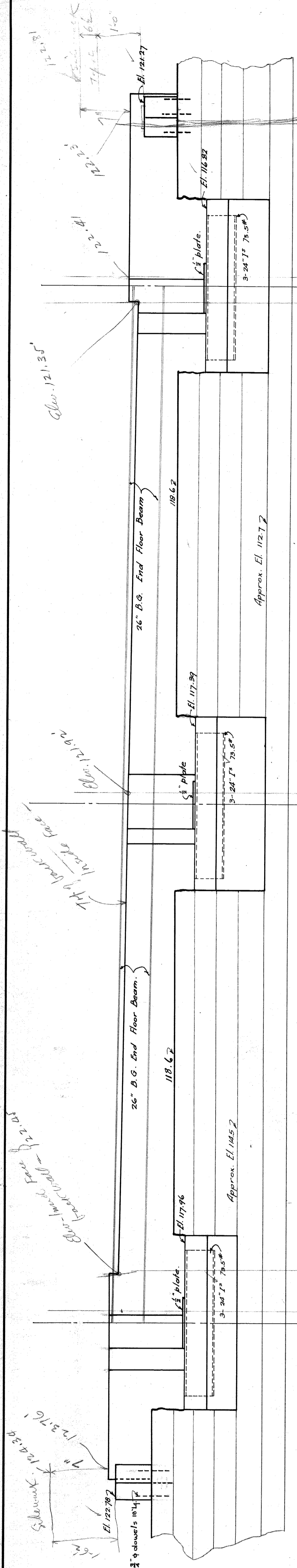
**NOTES:**  
 RIVETS - 7/8"  
 ALL INT. STIFFENERS G. 3 1/2" CRIMPED  
 OVER FLANGE ANGLES, EXCEPT AT  
 FLOOR BEAM CONN.  
 STIFFENERS ANGLES OVER BEARINGS NOT  
 CRIMPED AND MUST HAVE DRIVING FIT  
 AND MILLED TO BEAR ON BOTTOM.  
 ALL MATERIAL OVER 3" THICK TO BE  
 SUB PUNCHED AND REAMED.  
 ALL BEAM AND BRACKET CONNECTIONS  
 TO BE SUBPUNCHED AND REAMED TO 1"  
 STEEL TEMPLATE.  
 GENERAL NOTES SEE SHEET #1.

**CITY OF DETROIT.**  
 DEPARTMENT OF PUBLIC WORKS  
 OFFICE OF CITY ENGINEER.  
 DIVISION OF GRADE SEPARATION & BRIDGES.  
**WEST LAFAYETTE AVENUE BRIDGE.**  
 OVER  
**M.C.R.R. MAIN LINE TRACKS.**  
**GIRDER DETAILS.**

APPROVED: *[Signature]* 1926  
 CITY ENGINEER.  
 SCALE 1/2" = 1'-0"  
 Revised: May 12, 1926  
 Made By: H.H. Hickman







THIS SHEET SUPERSEDES SHEET 5.

**CITY OF DETROIT.**  
 DEPARTMENT OF PUBLIC WORKS  
 OFFICE OF CITY ENGINEER  
 DIVISION OF GRADE SEPARATION & BRIDGES  
 WEST LAFAYETTE AVENUE BRIDGE  
 M.C.R.R. MAIN LINE TRACKS  
 OVER  
 CHANGES TO EAST ABUTMENT  
 CENTER BENT FOOTING

Approved: \_\_\_\_\_ 1926  
 Dr. by H.T. \_\_\_\_\_ City Engineer  
 May 21, 1926

Scale 1" = 4'-0"

General Notes See Sheet #1.  
 All concrete mix 1:2:4  
 Backs of walls to have two brush coats asphaltic waterproofing.  
 Backwalls set parallel to end floor beams after beams are in place.

ELEV. TOP OF GIRLAGE STEEL 101.75  
 BOT. ELEV. OF CONCRETE 98.36

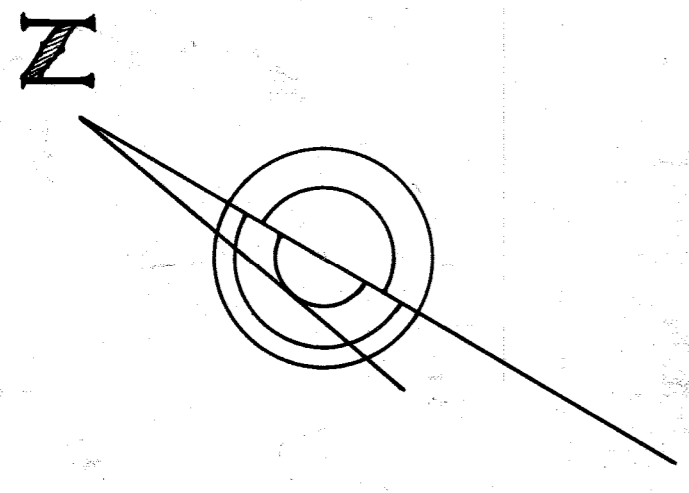
ELEV. TOP OF GIRLAGE STEEL 101.51  
 BOT. ELEV. OF CONCRETE 98.26

ELEV. TOP OF GIRLAGE STEEL 104.61  
 BOT. ELEV. OF CONCRETE 98.36

File X0 61-10



2 8/P 10/11/45



STREET.

TWELFTH

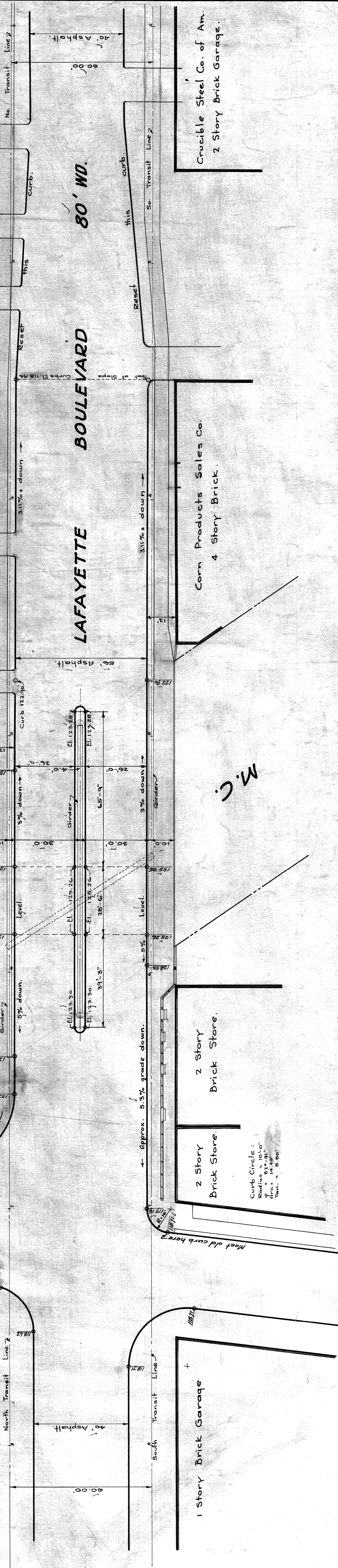
Edgar Sugar House  
2 Story Brick.

Ludlum Steel Co.  
1 Story Brick.

Coon - De Visser Co.  
1 5/4 Story Brick.

International Harvester Co.  
2 Story Brick.

Manufacturers Warehouse Co.  
2 Story Brick.



LAFAYETTE BOULEVARD

80' WD.

1 story Brick Garage

2 Story  
Brick Store.

2 Story  
Brick Store.

Corn Products Sales Co.  
4 Story Brick.

Crucible Steel Co. of Am.  
2 Story Brick Garage.

CITY OF DETROIT.

DEPARTMENT OF PUBLIC WORKS.  
OFFICE OF CITY ENGINEER.

DIVISION OF GRADE SEPARATION & BRIDGES.

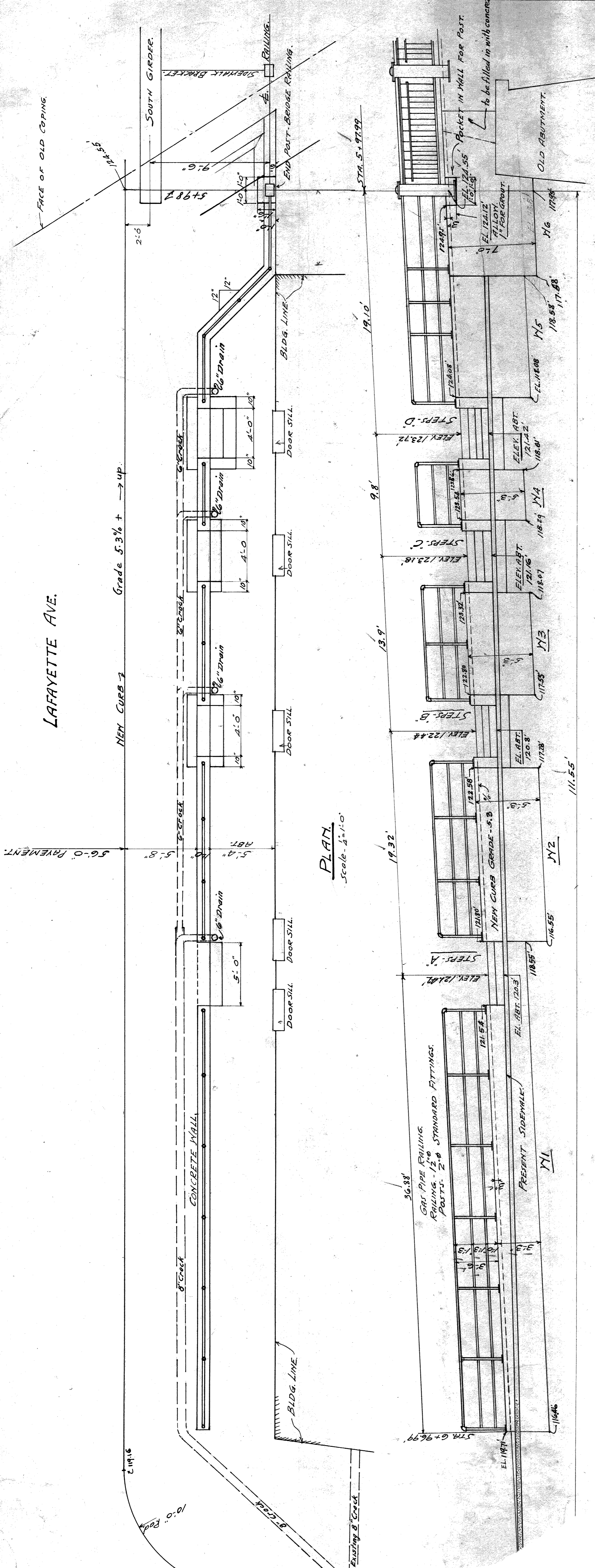
WEST LAFAYETTE AVENUE BRIDGE.  
OVER  
M.C.R. MAIN LINE TRACKS.  
STREET PLAN.

Made by H.T.J. Scale 1" = 20' May 1926.  
Checked by R.P. Field Book # 440.

6

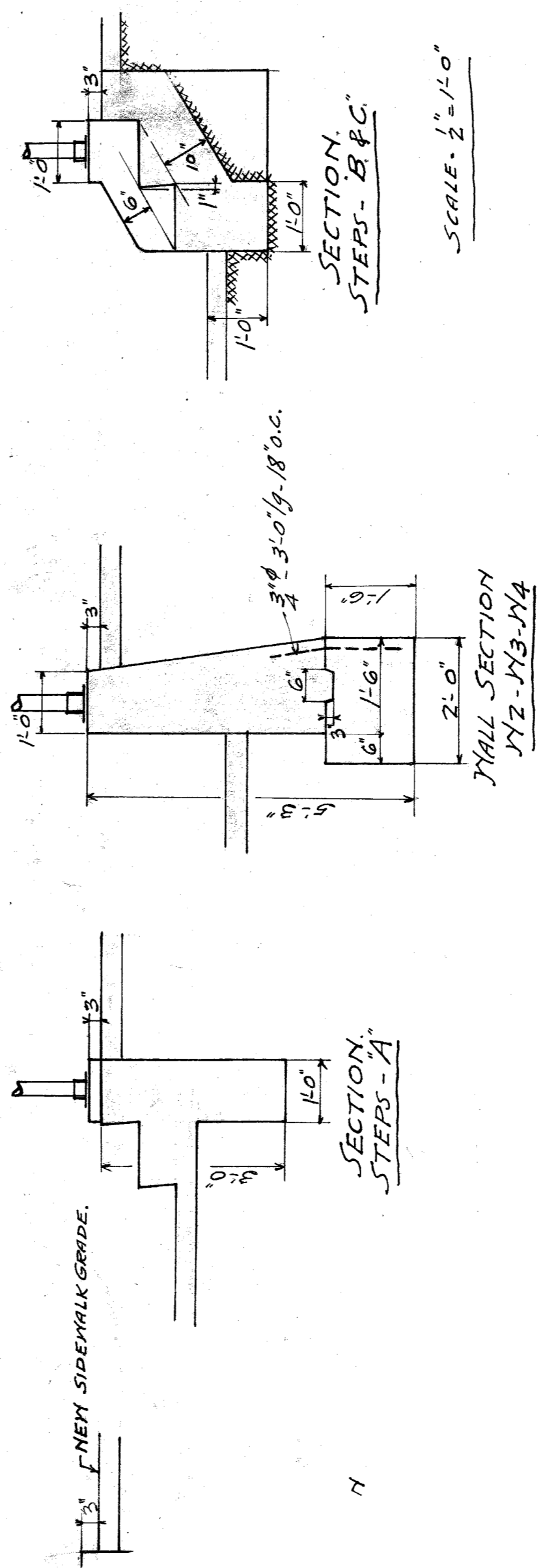
File X0 61-12

LAFAYETTE AVE.



PLAN  
Scale - 1/4" = 1'-0"

ELEVATION  
Scale - 1/4" = 1'-0"

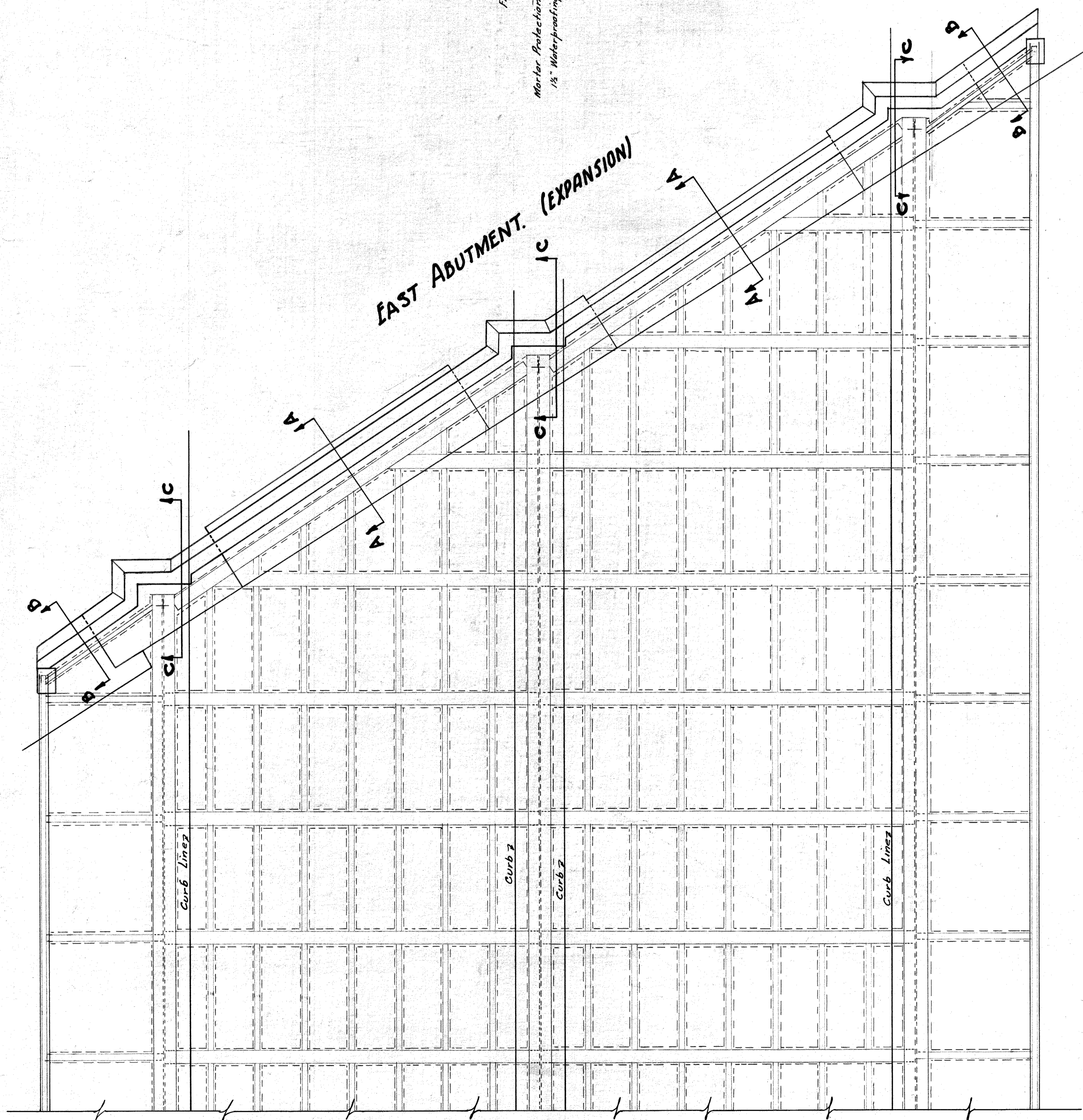


NOTE:  
CONCRETE MIX - 1:2:4

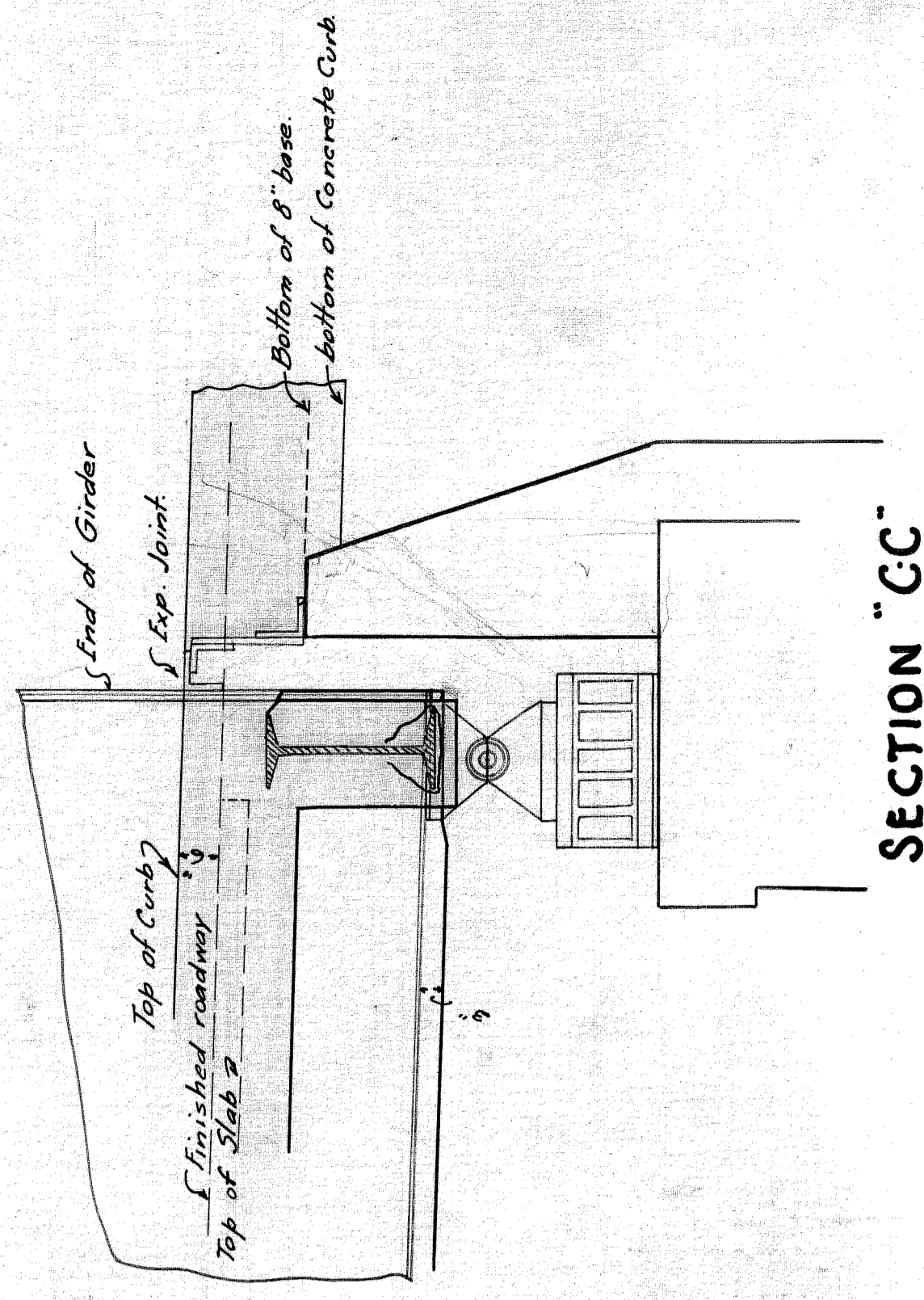
**CITY OF DETROIT**  
 DEPARTMENT OF PUBLIC WORKS  
 OFFICE OF CITY ENGINEER  
 DIVISION OF GRADE SEPARATION & BRIDGES  
**WEST LAFAYETTE AVENUE BRIDGE**  
 OVER  
 M.C.R.R. MAIN LINE TRACKS.  
 SOUTHWEST SIDEWALK APPROACH.  
 MADE BY: M.H.A.  
 MAY 1926





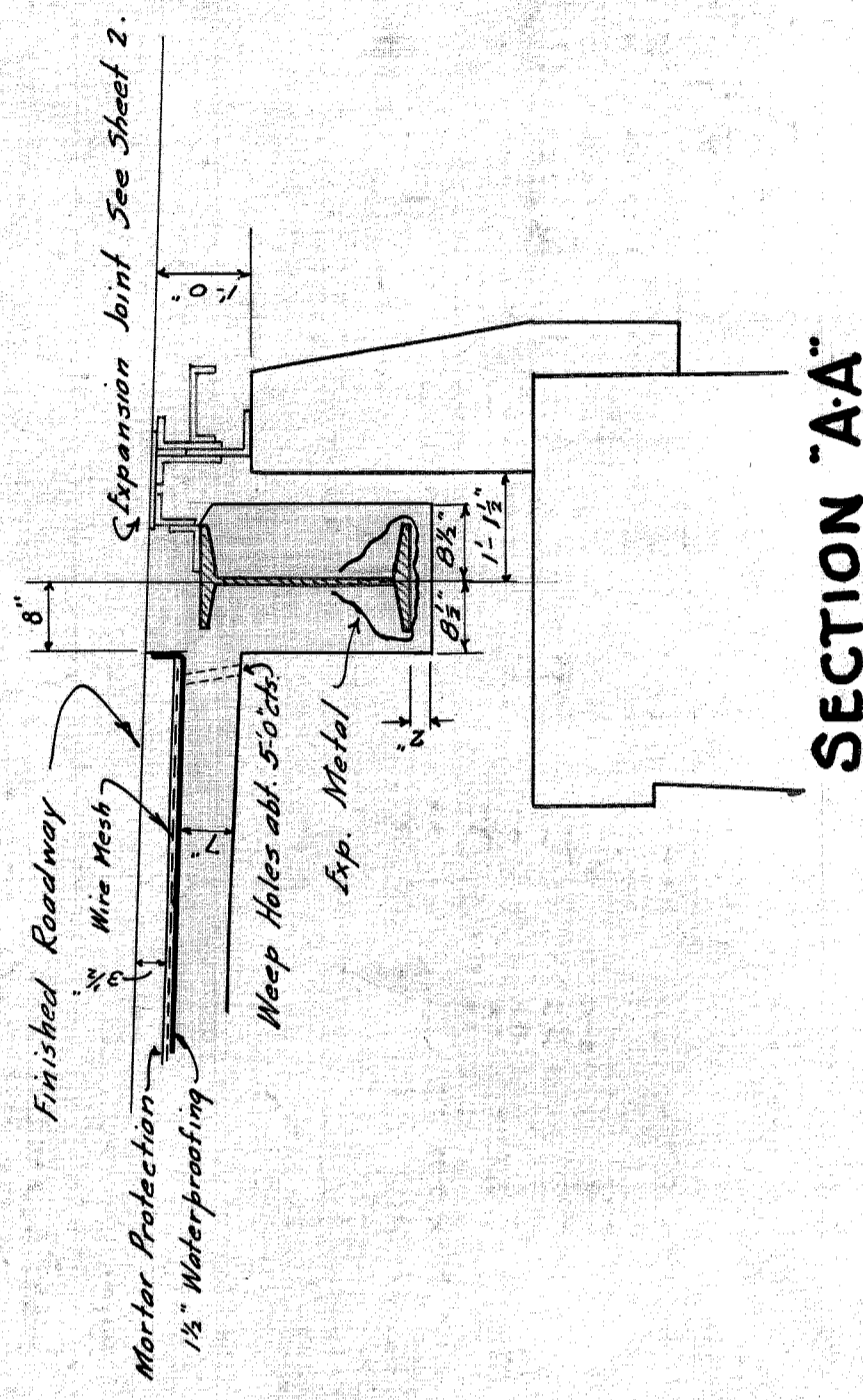


**EAST ABUTMENT. (EXPANSION)**

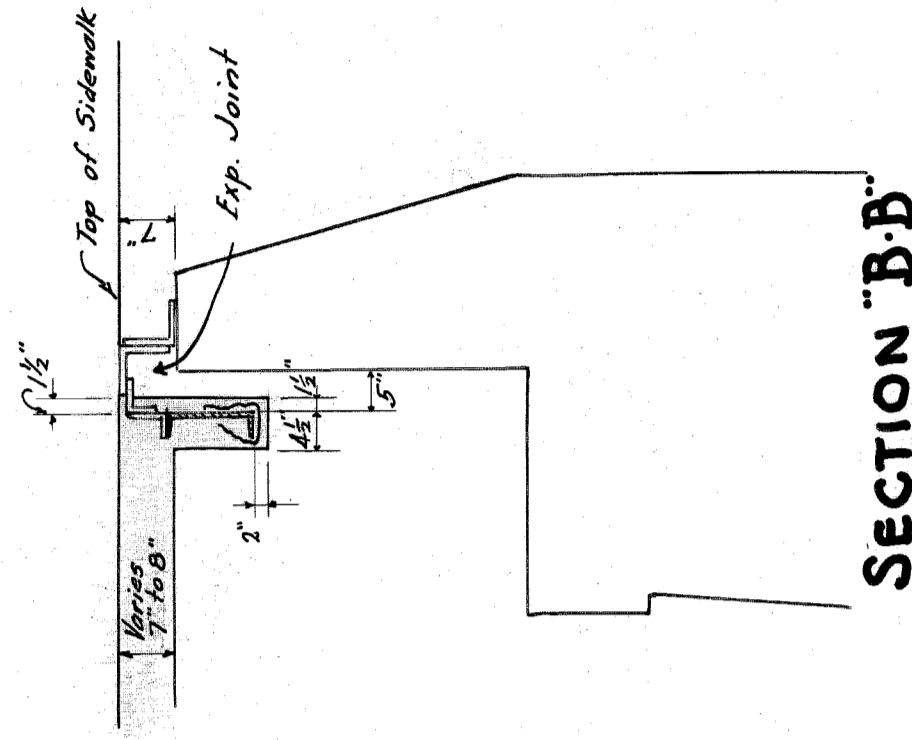


**SECTION "CC"**

Scale 1"=2'-0"



**SECTION "AA"**



**SECTION "B-B"**

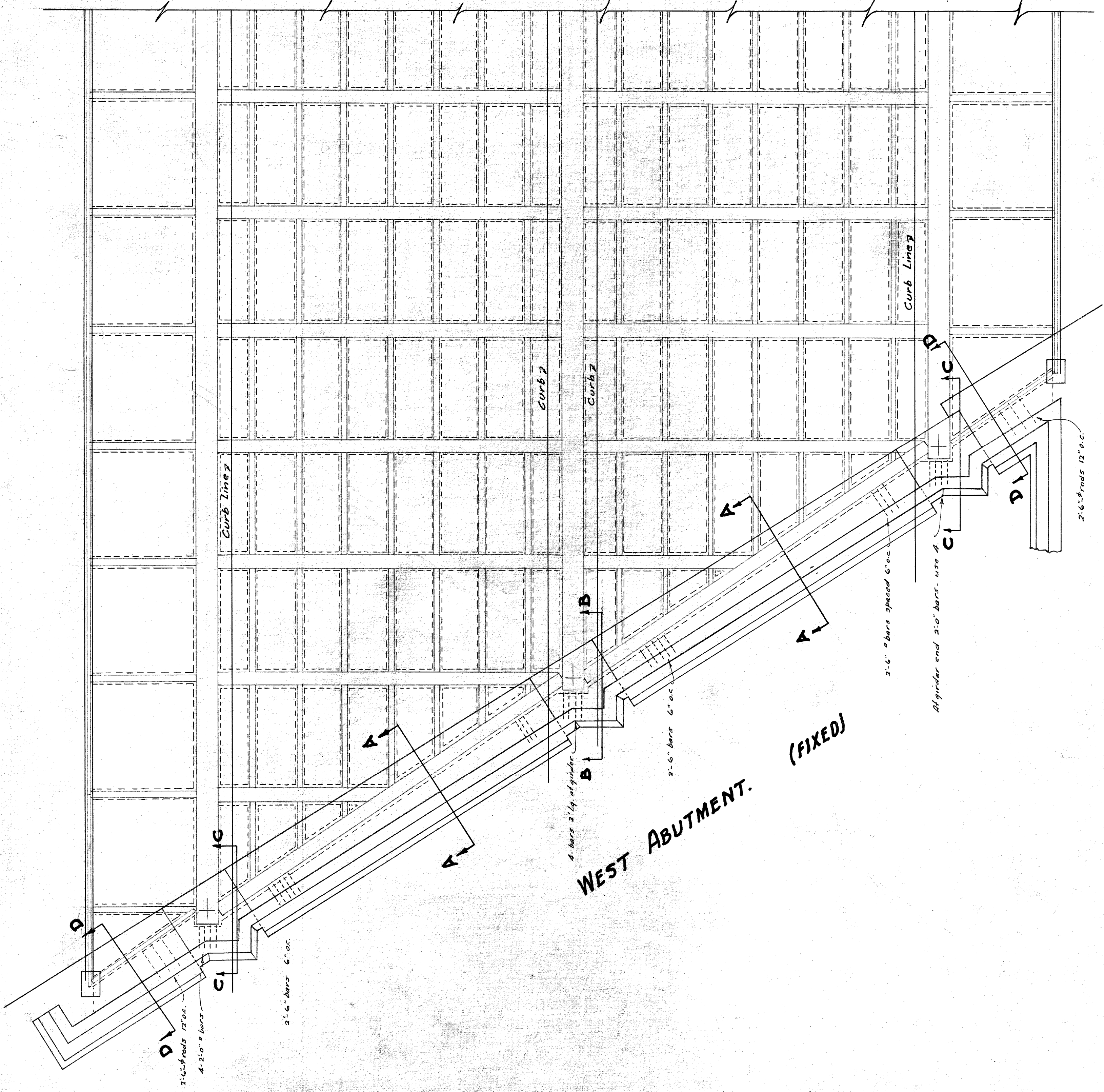
**PLAN.**  
Scale 3/16"=1'-0"

**CITY OF DETROIT.**  
DEPARTMENT OF PUBLIC WORKS.  
OFFICE OF CITY ENGINEER.  
DIVISION OF GRADE SEPARATION & BRIDGES.  
**WEST LAFAYETTE AVENUE BRIDGE.**  
OVER  
**M.C.R.R. MAIN LINE TRACKS**  
**CONCRETE DECK - EAST ABUTMENT.**  
SCALE: 3/16"=1'-0" 1/2"=1'-0"  
AUGUST 1910.

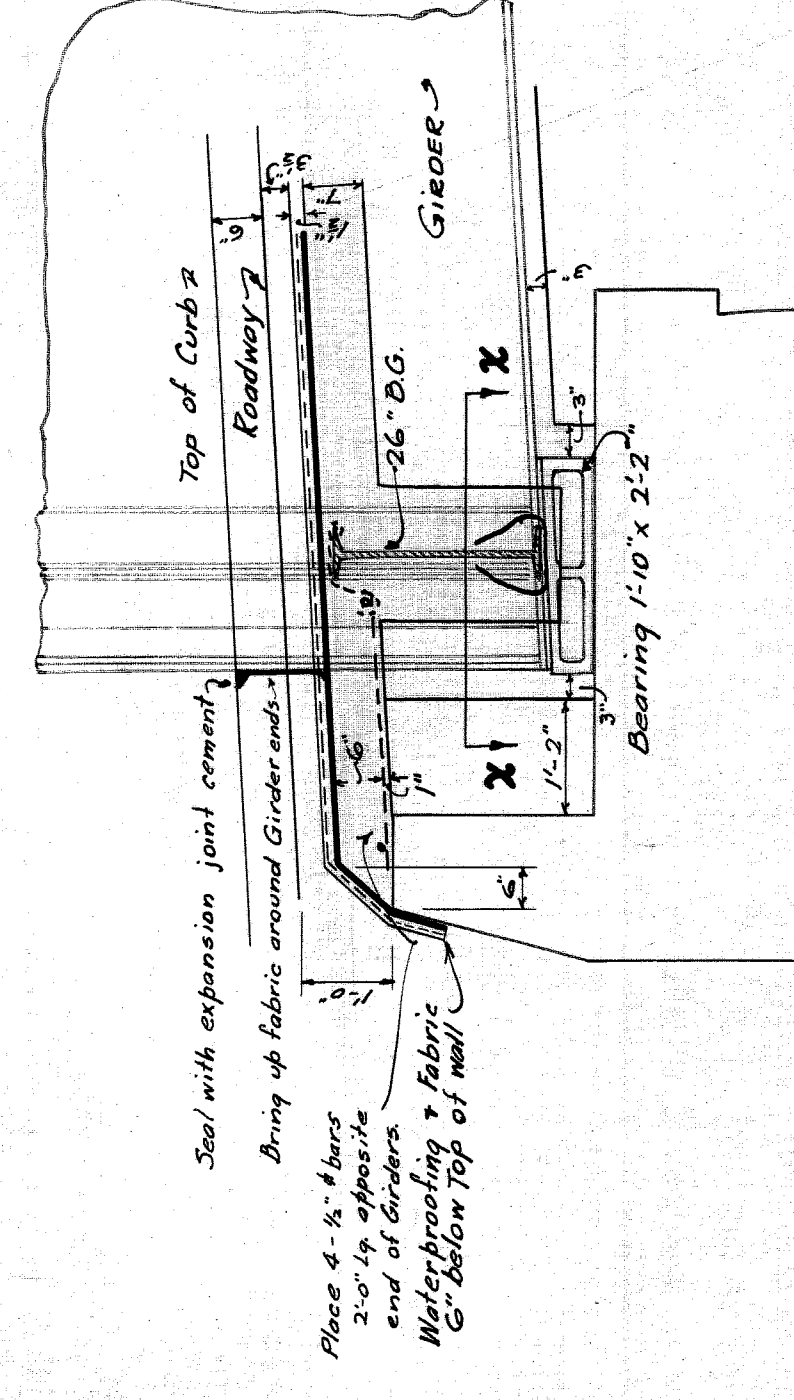
MADE BY HTU  
CHECKED BY

DF6  
X-1

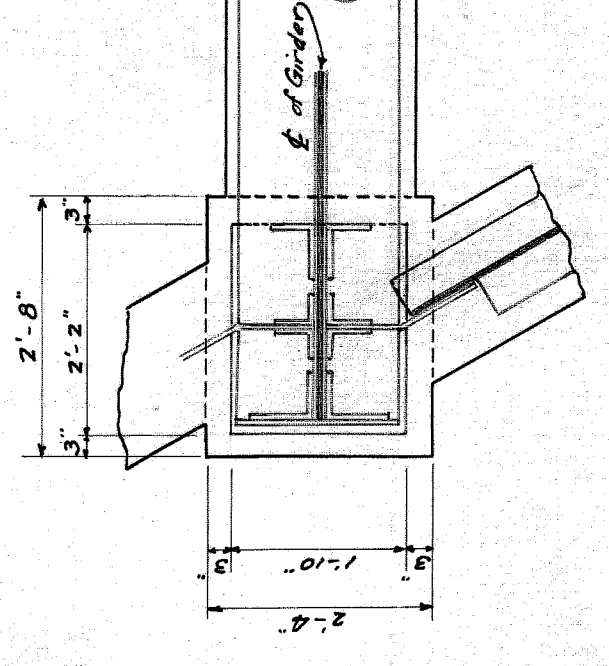
FILE NO 61-14



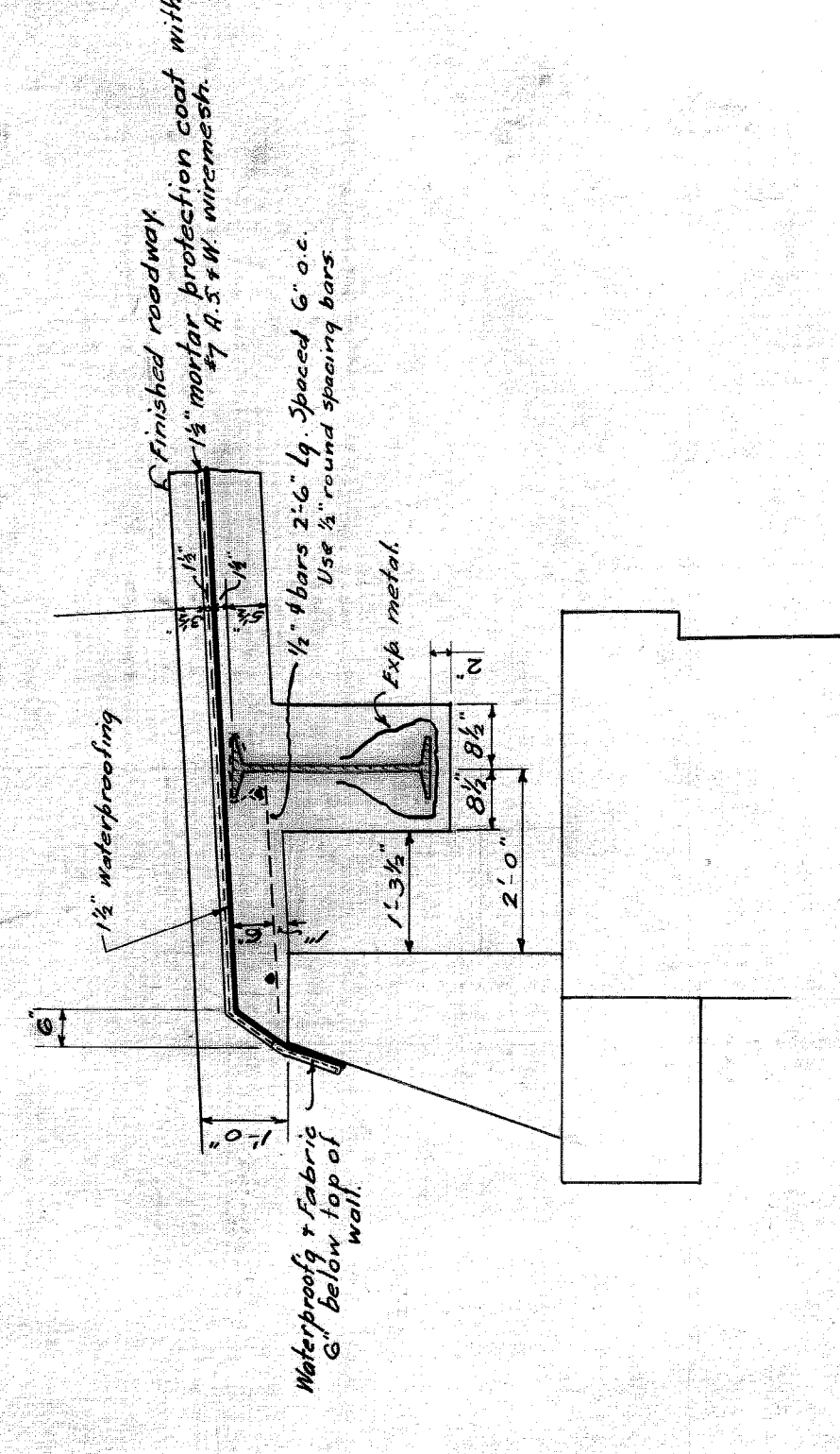
**PLAN -**  
Scale  $\frac{3}{16}'' = 1'-0''$



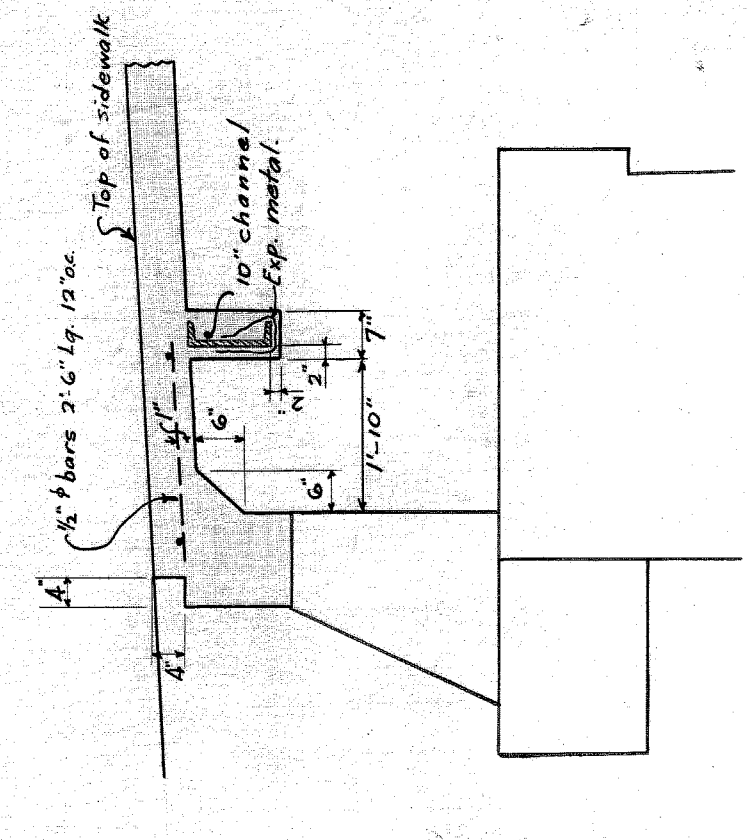
**SECTION "B-B"**  
"C-C" SIMILAR



**SECTION "X-X"**



**SECTION "A-A"**



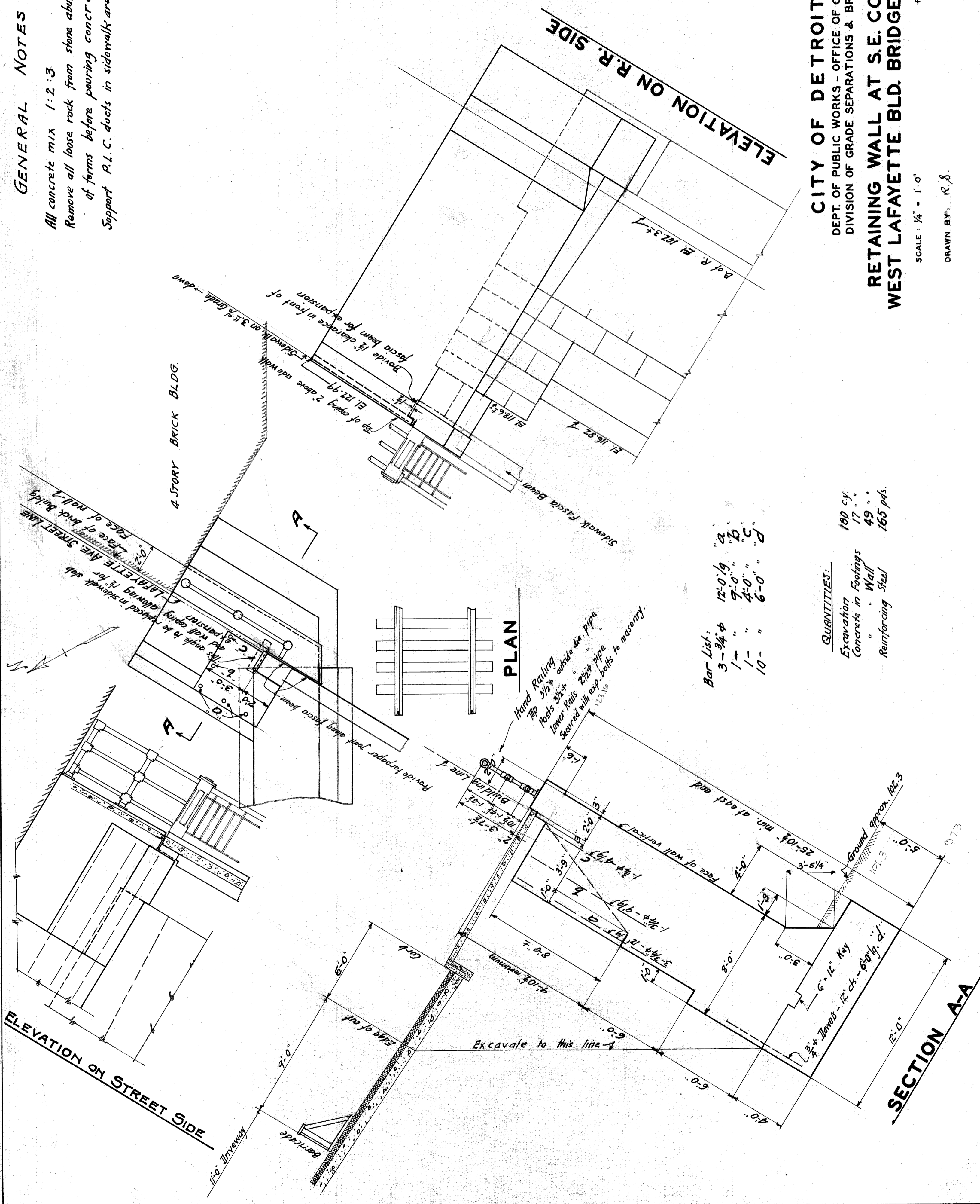
**SECTION "D-D"**

Scale =  $1'' = 2'-0''$

**CITY OF DETROIT.**  
DEPARTMENT OF PUBLIC WORKS.  
OFFICE OF CITY ENGINEER  
DIVISION OF GRADE SEPARATION & BRIDGES.  
**WEST LAFAYETTE AVENUE BRIDGE.**  
OVER  
**M.C.R.R. MAIN LINE TRACKS**  
**CONCRETE DECK - WEST ABUTMENT.**  
SCALE:  $\frac{3}{16}'' = 1'-0''$   $\frac{1}{4}'' = 1'-0''$   
September 1926.  
MADE BY H.T.J.  
CHECKED BY: X-2

**GENERAL NOTES**

All concrete mix 1:2:3  
 Remove all loose rock from stone abutment inside  
 of forms before pouring concrete.  
 Support P.L.C. ducts in sidewalk area.



Bar List:

3-3/4"	12-0' 9"	P. 5
1"	9-0"	Q. 2
1"	4-0"	
10"	6-0"	

QUANTITIES:

Excavation	180 cy.
Concrete in Footings	17 "
" " Wall	49 "
Reinforcing Steel	165 pds.

**CITY OF DETROIT**  
 DEPT. OF PUBLIC WORKS - OFFICE OF CITY ENGR.  
 DIVISION OF GRADE SEPARATIONS & BRIDGES

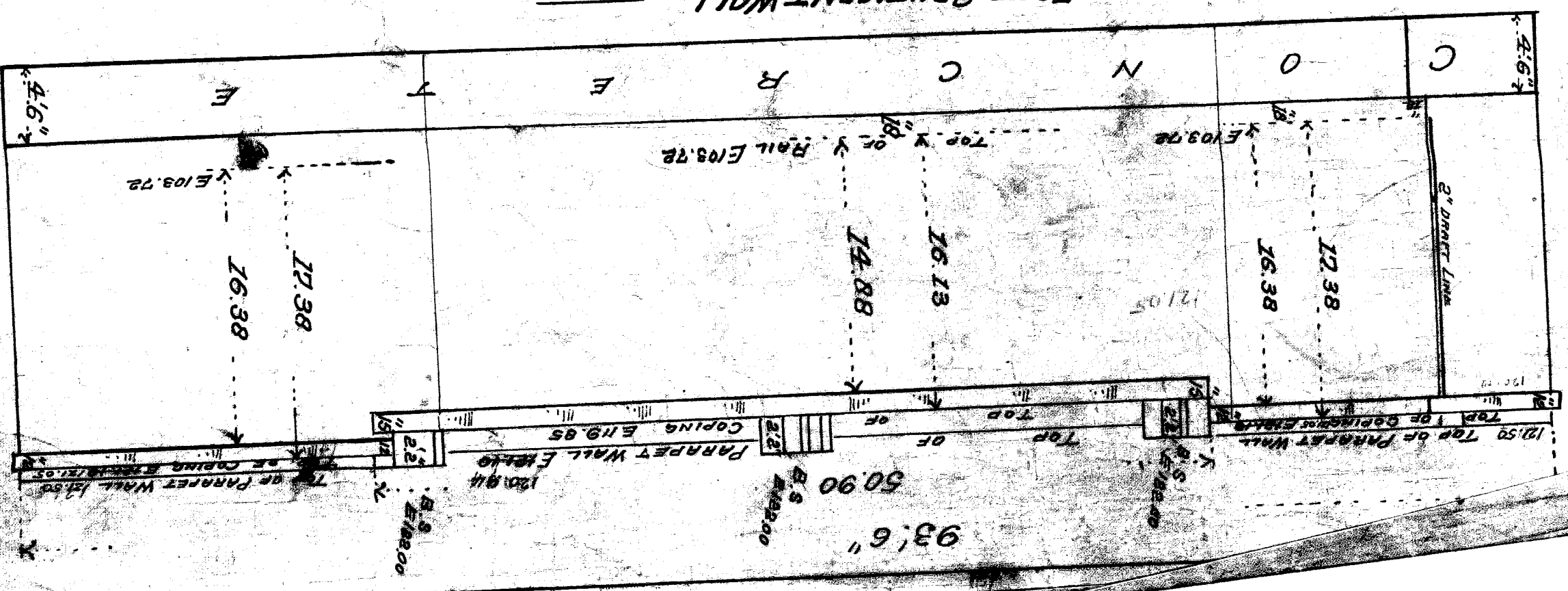
**RETAINING WALL AT S.E. CORNER**  
**WEST LAFAYETTE BLD. BRIDGE - M.C.R.R.**  
 (MAIN LINE)

SCALE: 1/4" = 1'-0"  
 FEB. 17, 1932.

DRAWN BY: R.S.

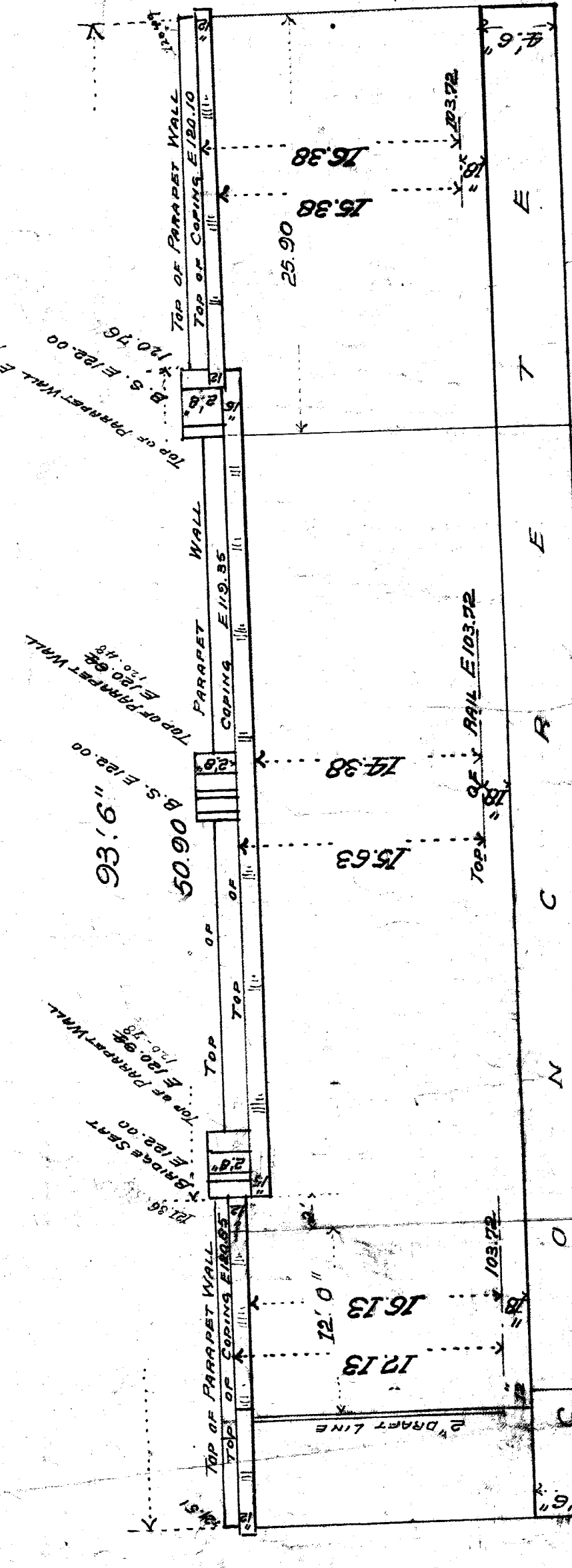
D.P. 11/27/45

N.B. - RED FIGURES - ARE CORRECT



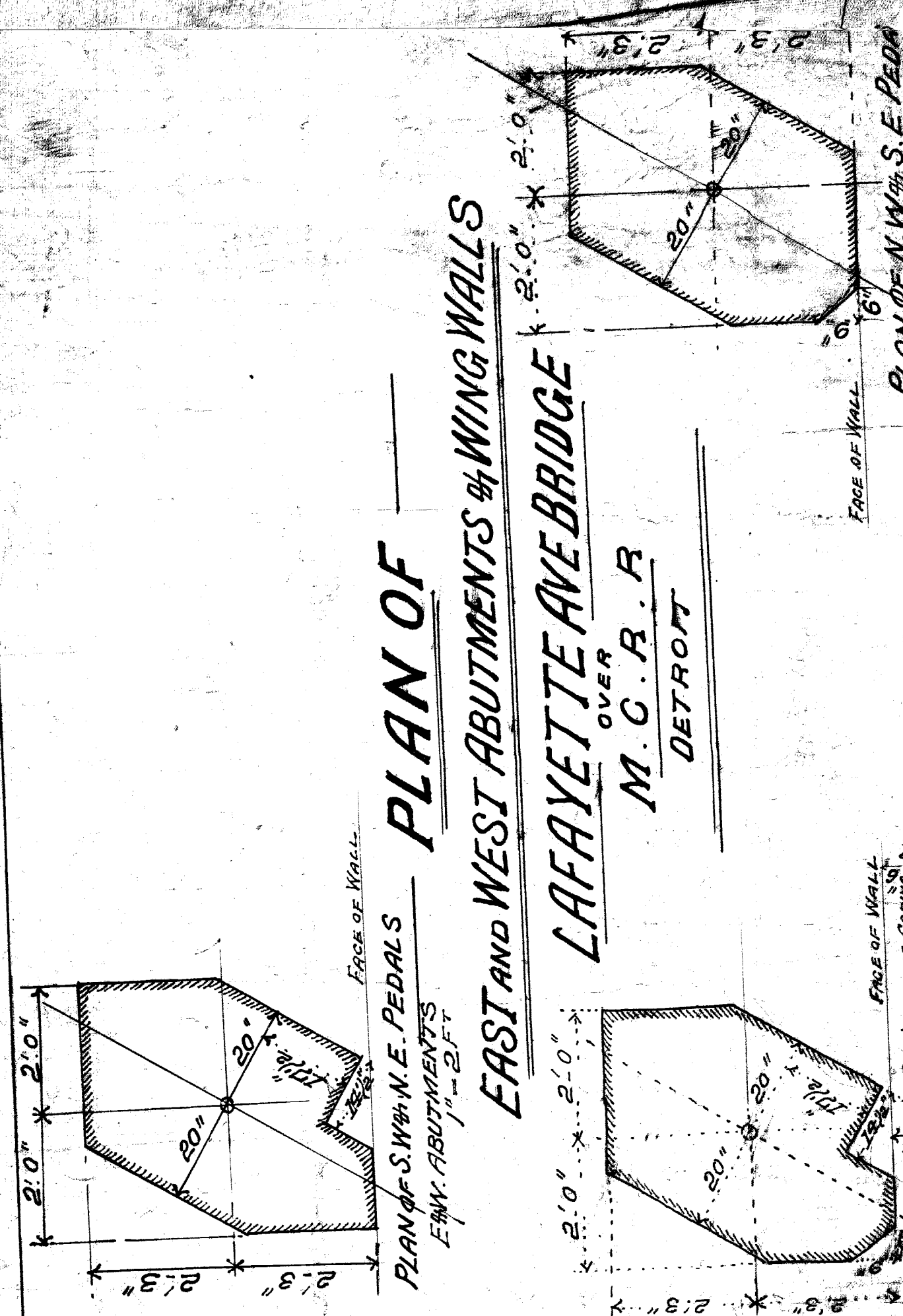
ELEVATION OF EAST ABUTMENT WALL AND WINGS

SCALE: ONE INCH = 8 FT



ELEVATION OF WEST ABUTMENT WALL AND WINGS

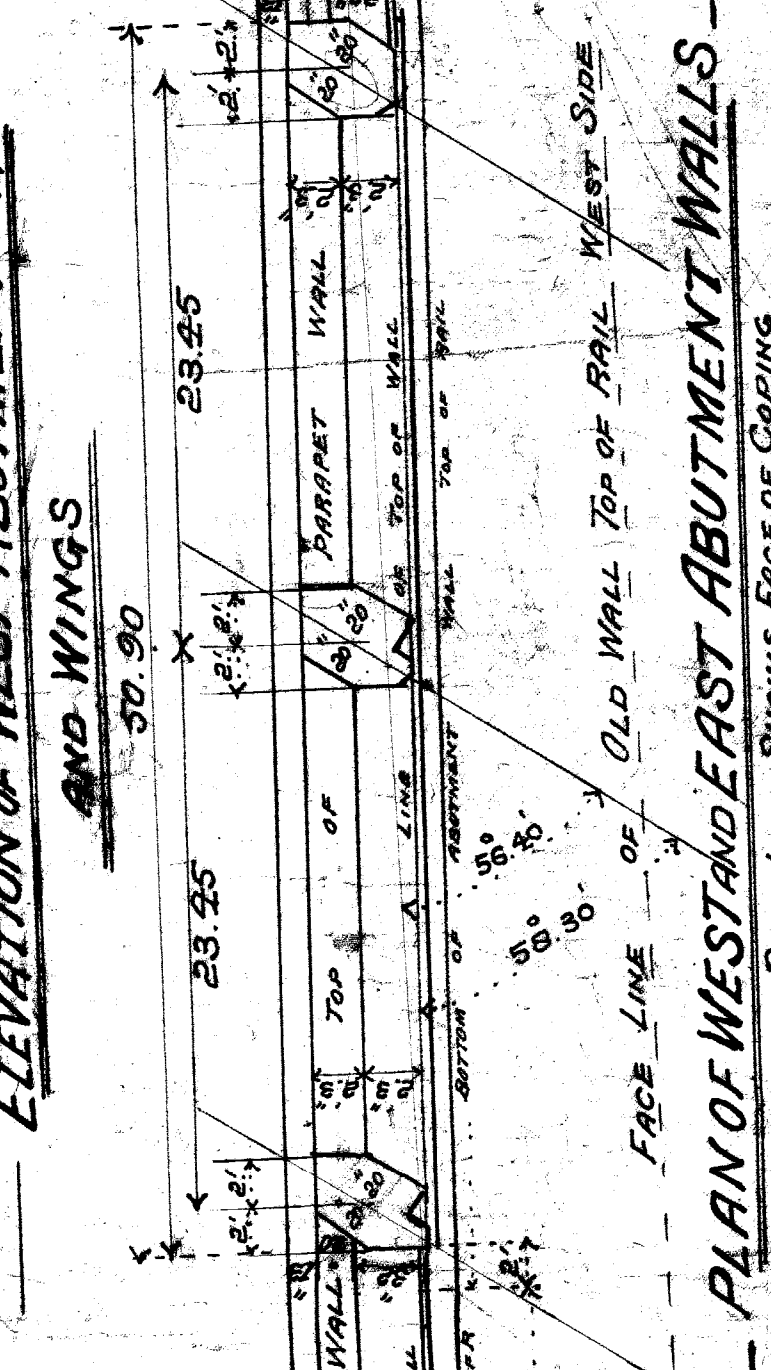
N.B. ELEVATION OF PARAPET WALLS ARE IN CENTRE OF PEDALS



PLAN OF WEST AND EAST ABUTMENTS AND WING WALLS

PLAN OF S.W. & N.E. PEDALS  
PLAN OF N.W. & S.E. PEDALS  
PLAN OF CENTRE PEDALS  
PLAN OF W. ABUTMENTS  
PLAN OF E. ABUTMENTS

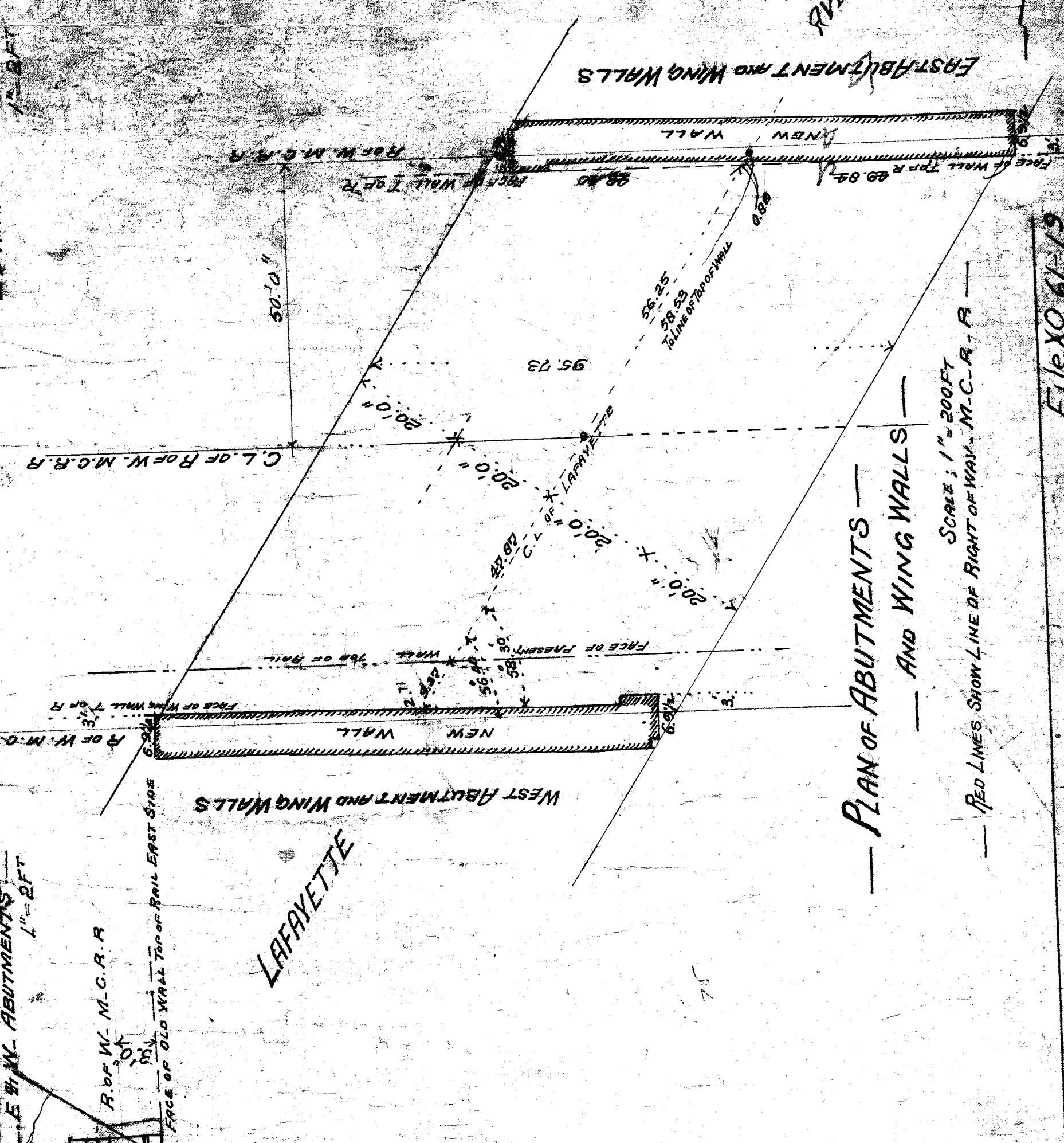
PLAN OF S.W. & N.E. PEDALS  
PLAN OF N.W. & S.E. PEDALS  
PLAN OF CENTRE PEDALS  
PLAN OF W. ABUTMENTS  
PLAN OF E. ABUTMENTS



PLAN OF WEST AND EAST ABUTMENT WALLS

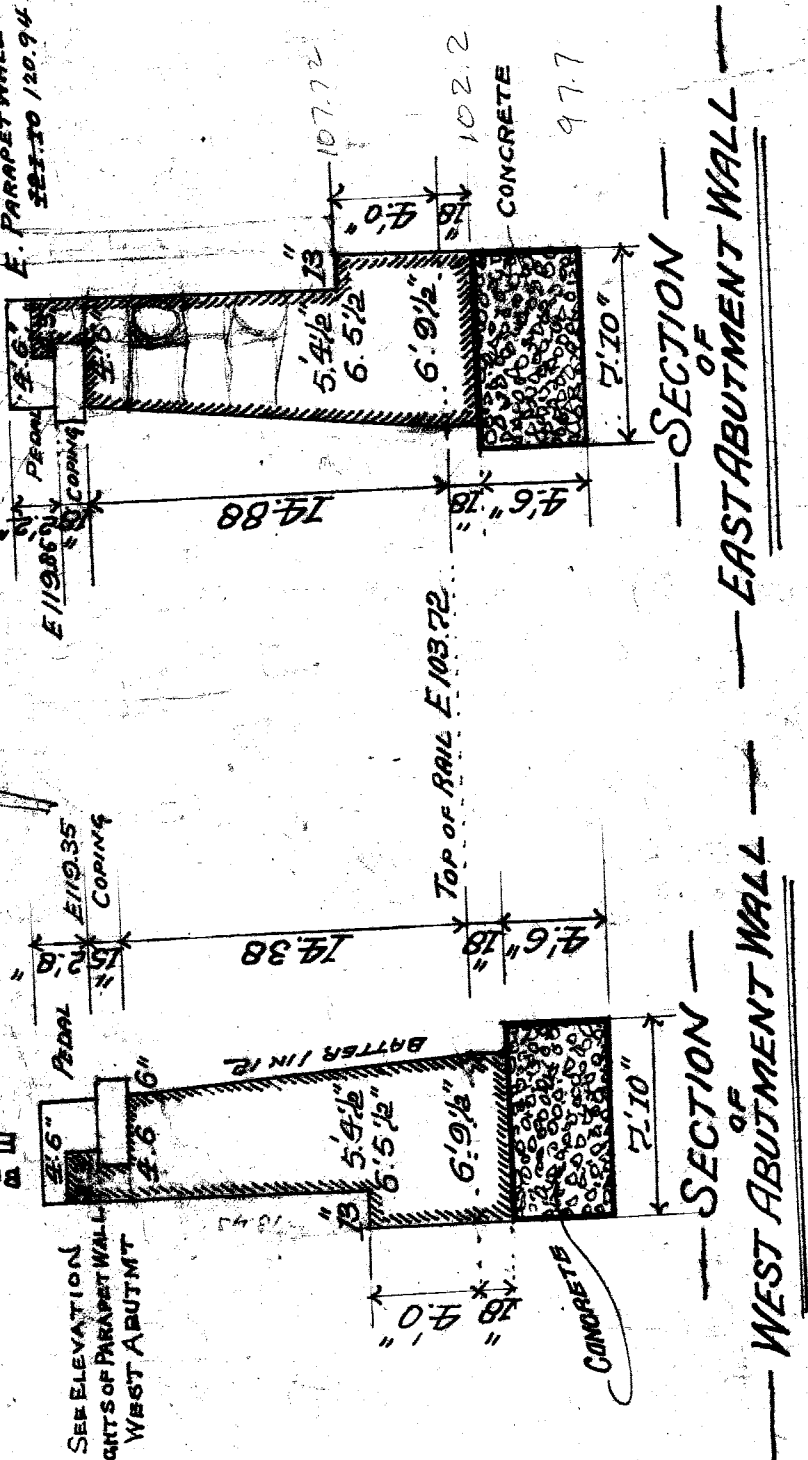
BLUE LINE SHOWS FACE OF COPING

SCALE: ONE INCH = 8 FEET



PLAN OF ABUTMENTS AND WING WALLS

SCALE: 1" = 200 FT  
RED LINES SHOW LINE OF RIGHT OF WAY, M.C.R.R.



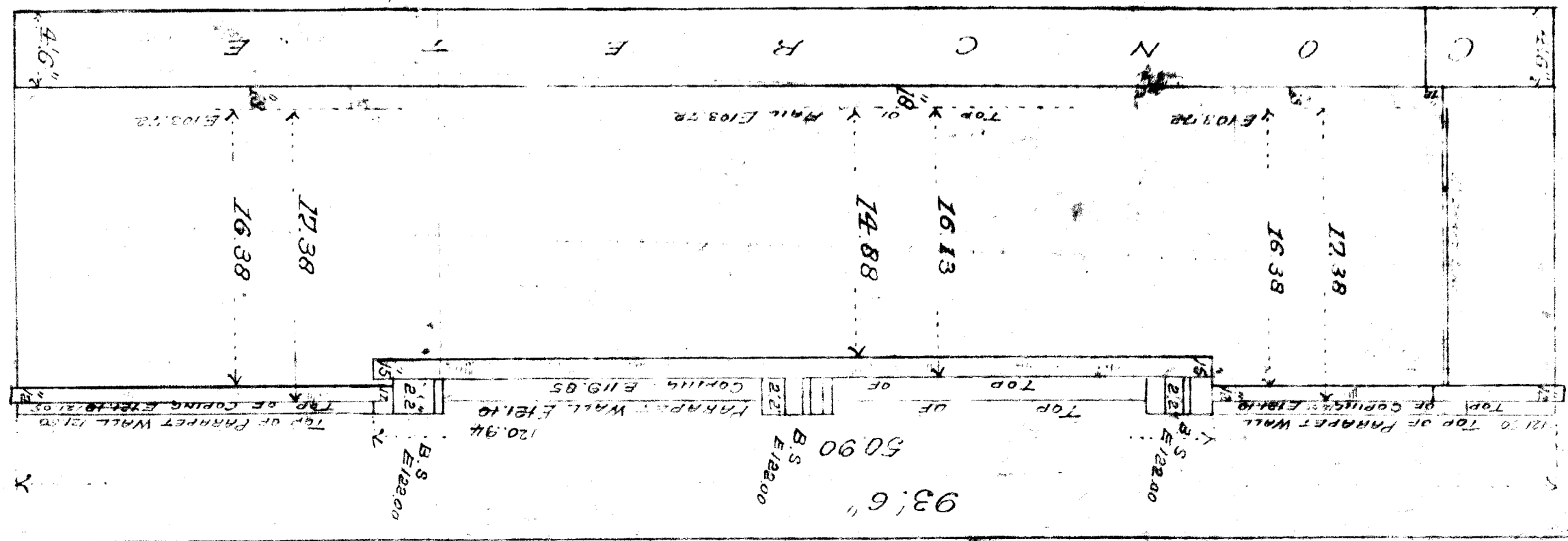
SECTION OF WEST ABUTMENT WALL

SECTION OF EAST ABUTMENT WALL

FOR HEIGHTS SEE ELEVATIONS

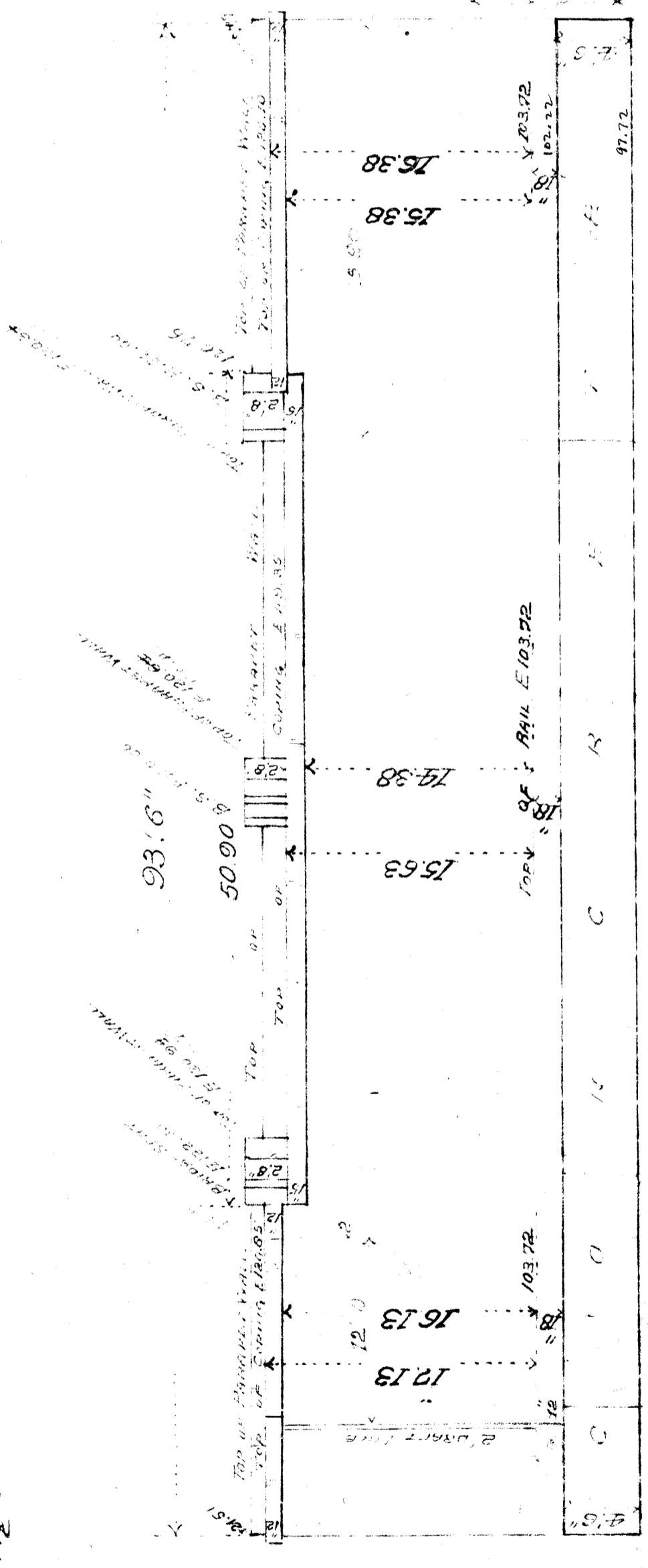
FILE NO 6119

N.B. - RED FIGURES ARE CORRECT



SCALE, ONE INCH = 8 FT

ELEVATION OF EAST ABUTMENT WALL AND WINGS

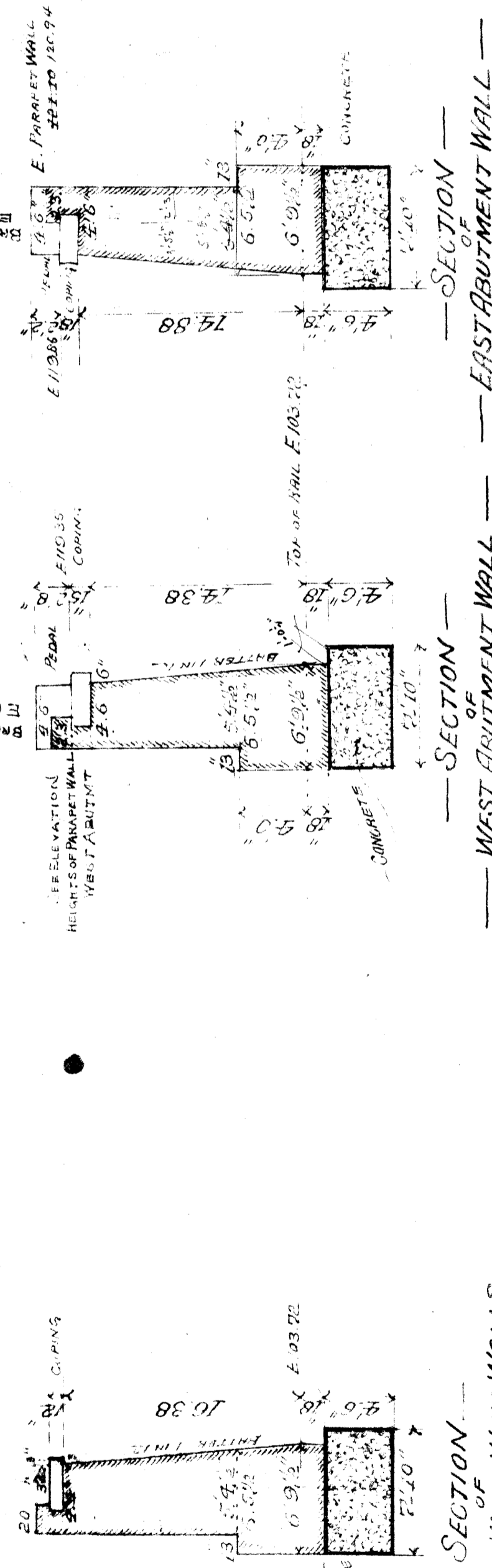


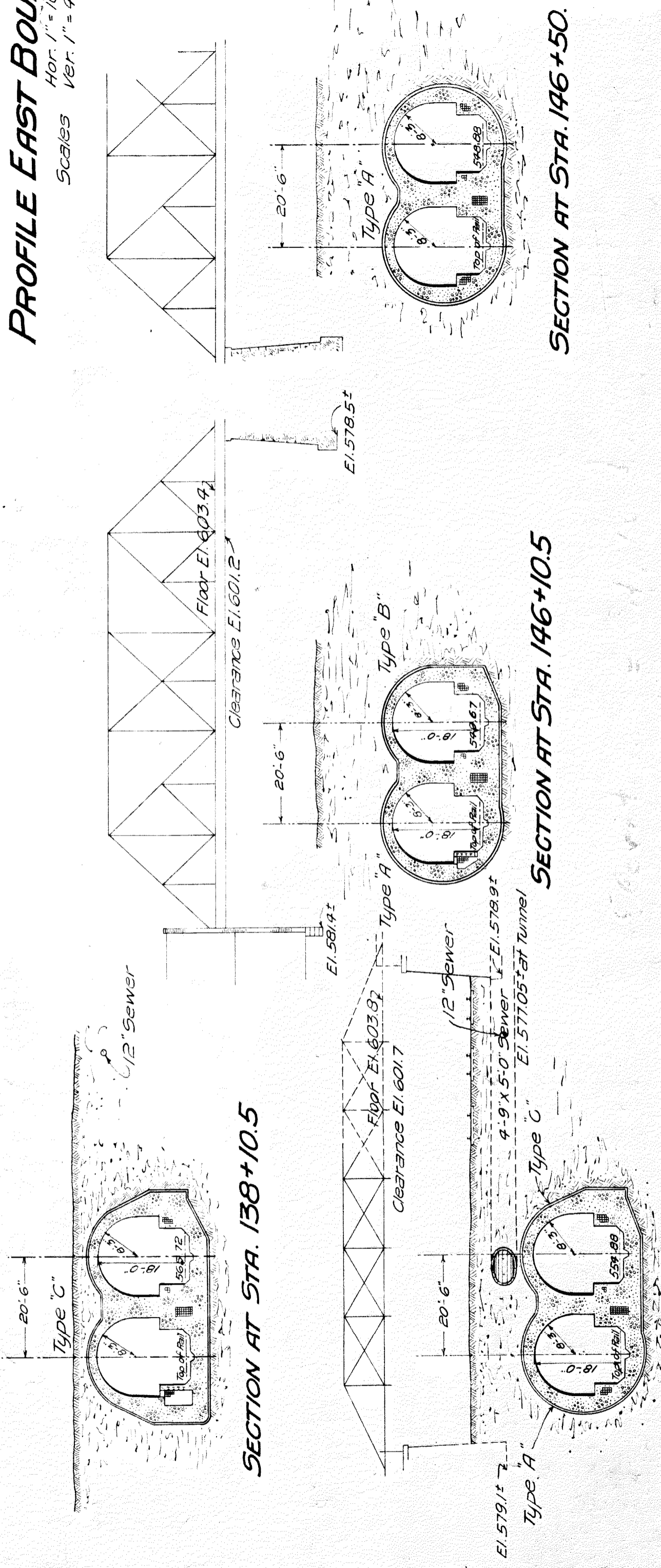
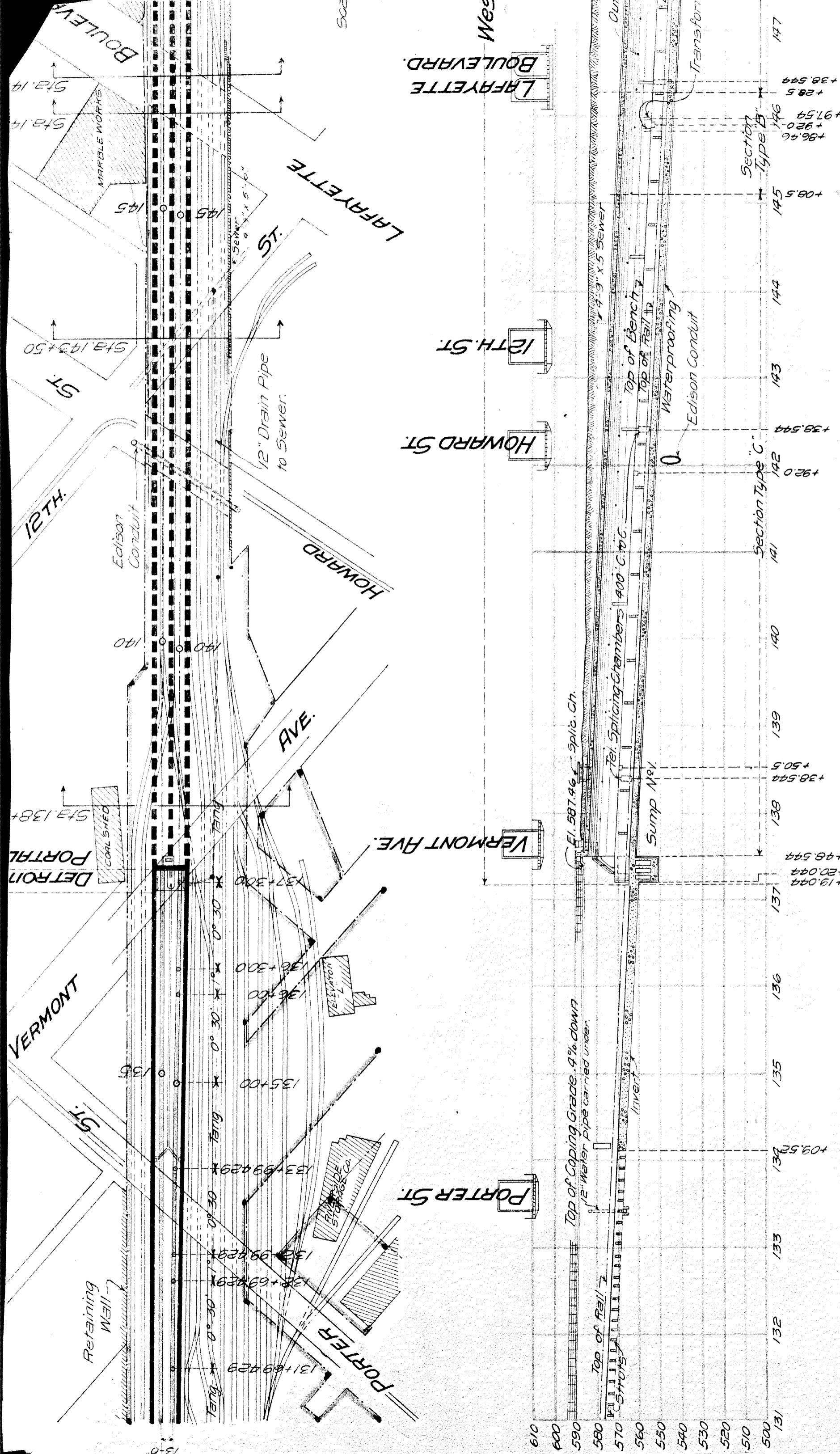
ELEVATION OF WEST ABUTMENT WALL AND WINGS

SCALE, ONE INCH = 8 FEET

PLAN OF WEST AND EAST ABUTMENT WALLS

BLUE LINE SHOWS FACE OF COPING





**PROFILE EAST BOULEVARD**

Hor. 1" = 100'  
 Ver. 1" = 4'

Scales

**SECTION AT STA. 138+10.5**

**SECTION AT STA. 146+10.5**

**SECTION AT STA. 146+50.**

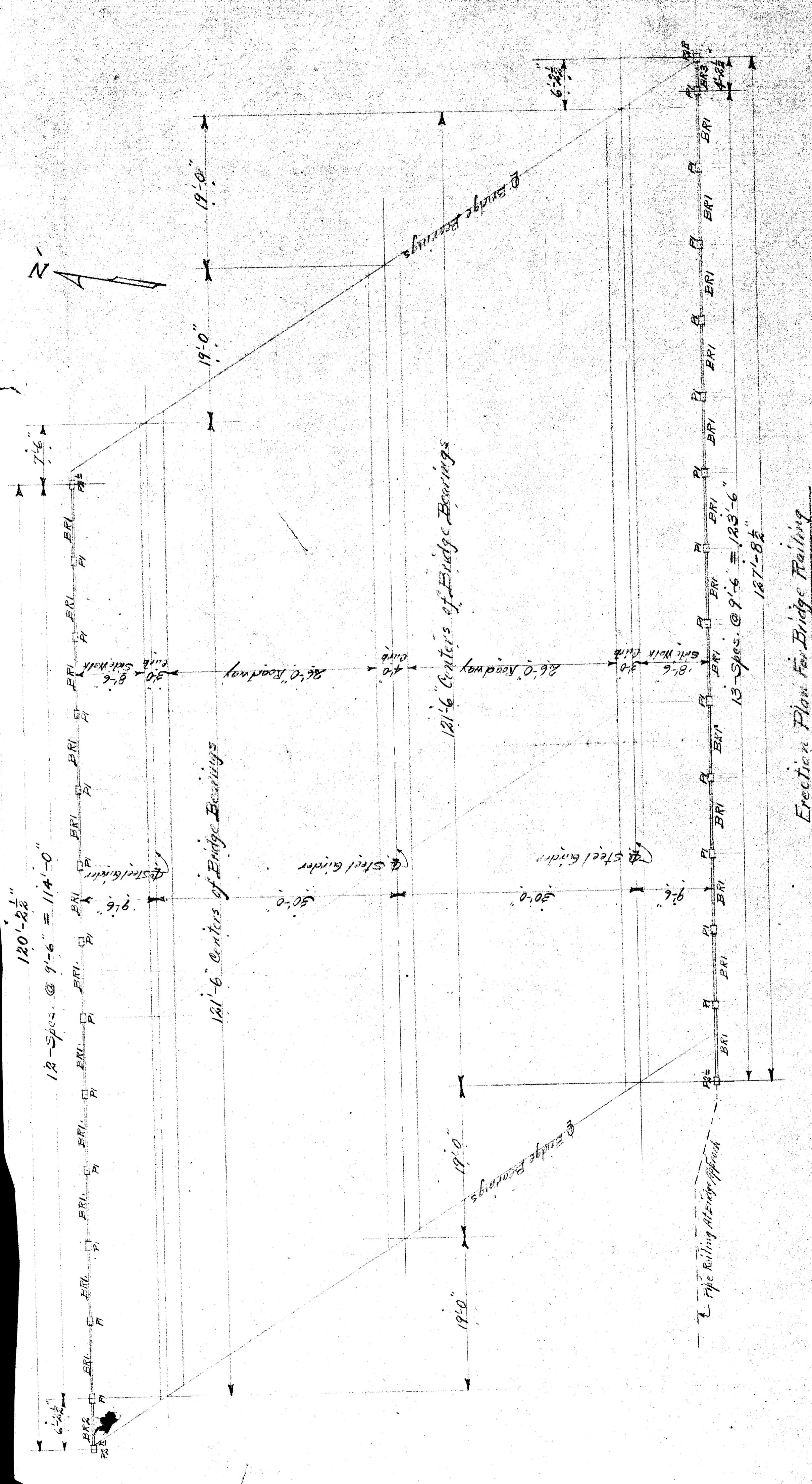
**SECTION AT STA. 143+50.**

Drawn	Checked	Correct
10-14-09	E.D. McC	<i>[Signature]</i>
W.S.F.		Chief Draftsman

Scale of Sections 1" = 20'-0"



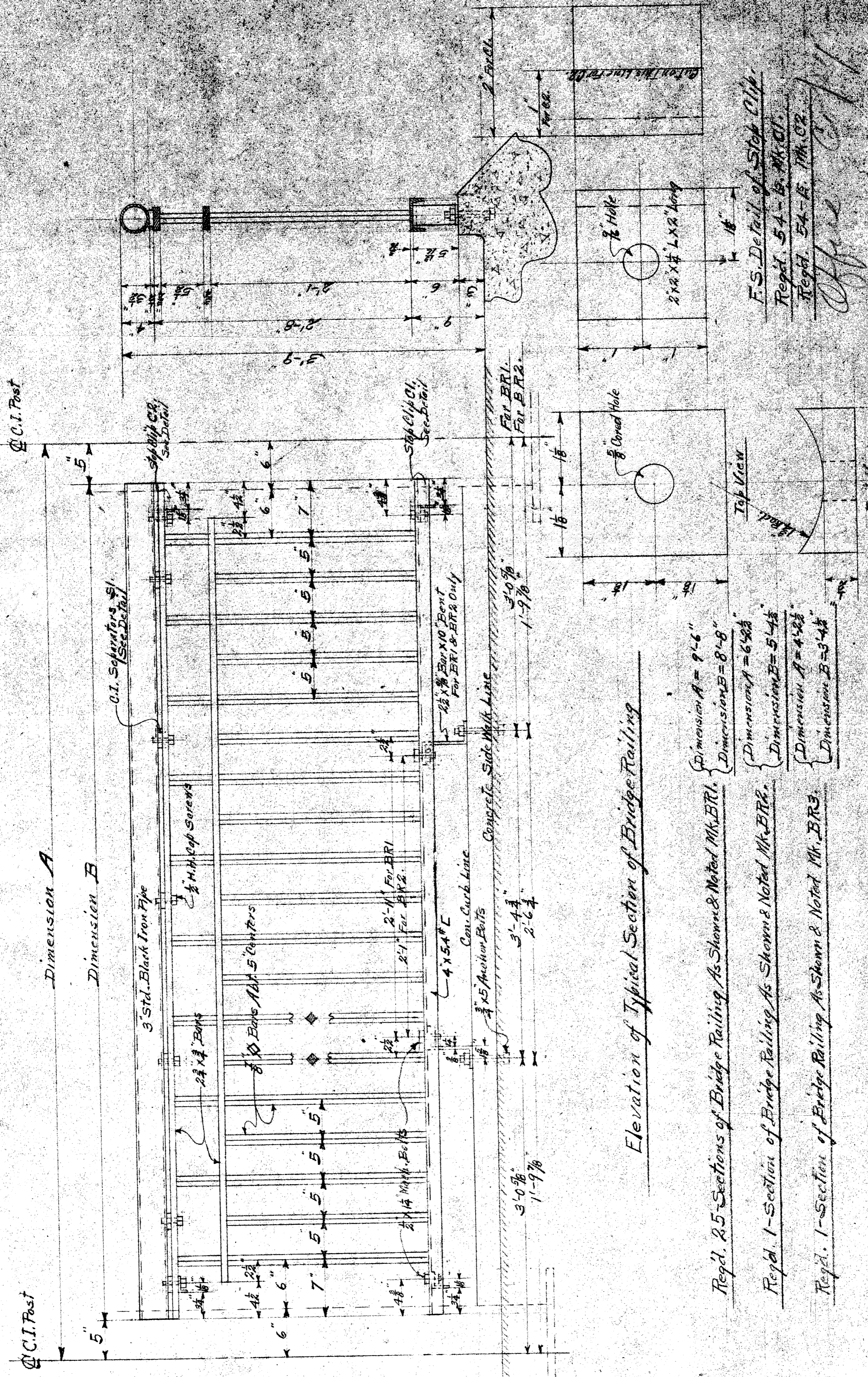




Erection Plan for Bridge Railing

<p><b>BROWN-HUTCHINSON IRON WORKS</b> DETROIT, MICH.</p>	
<p>West Lafayette Ave. Bridge Railing, Detroit, Mich.</p>	
<p>Erection Plan</p>	
<p>ORDER NO. 288 A</p>	<p>DRAWN BY H. H. HARRIS</p>
<p>SCALE 1/4" = 1'-0"</p>	<p>DATE 10-1-22</p>
<p>ALL HOLES UNLESS OTHERWISE CALLED FOR SHOP PAINT</p>	

3 P. App 6-10-22



Elevation of Typical Section of Bridge Railing

- Regd. 2.5 Sections of Bridge Railing As Shown & Noted Mk. B.R.1.
  - Dimension A = 9'-6"
  - Dimension B = 8'-8"
- Regd. 1-Section of Bridge Railing As Shown & Noted Mk. B.R.2.
  - Dimension A = 6'-9 1/2"
  - Dimension B = 5'-4 1/2"
- Regd. 1-Section of Bridge Railing As Shown & Noted Mk. B.R.3.
  - Dimension A = 4'-9 1/2"
  - Dimension B = 3'-4 1/2"

End View  
 F.S. Detail of C.I. Separator  
 Regd. 190-Mk. S.I.

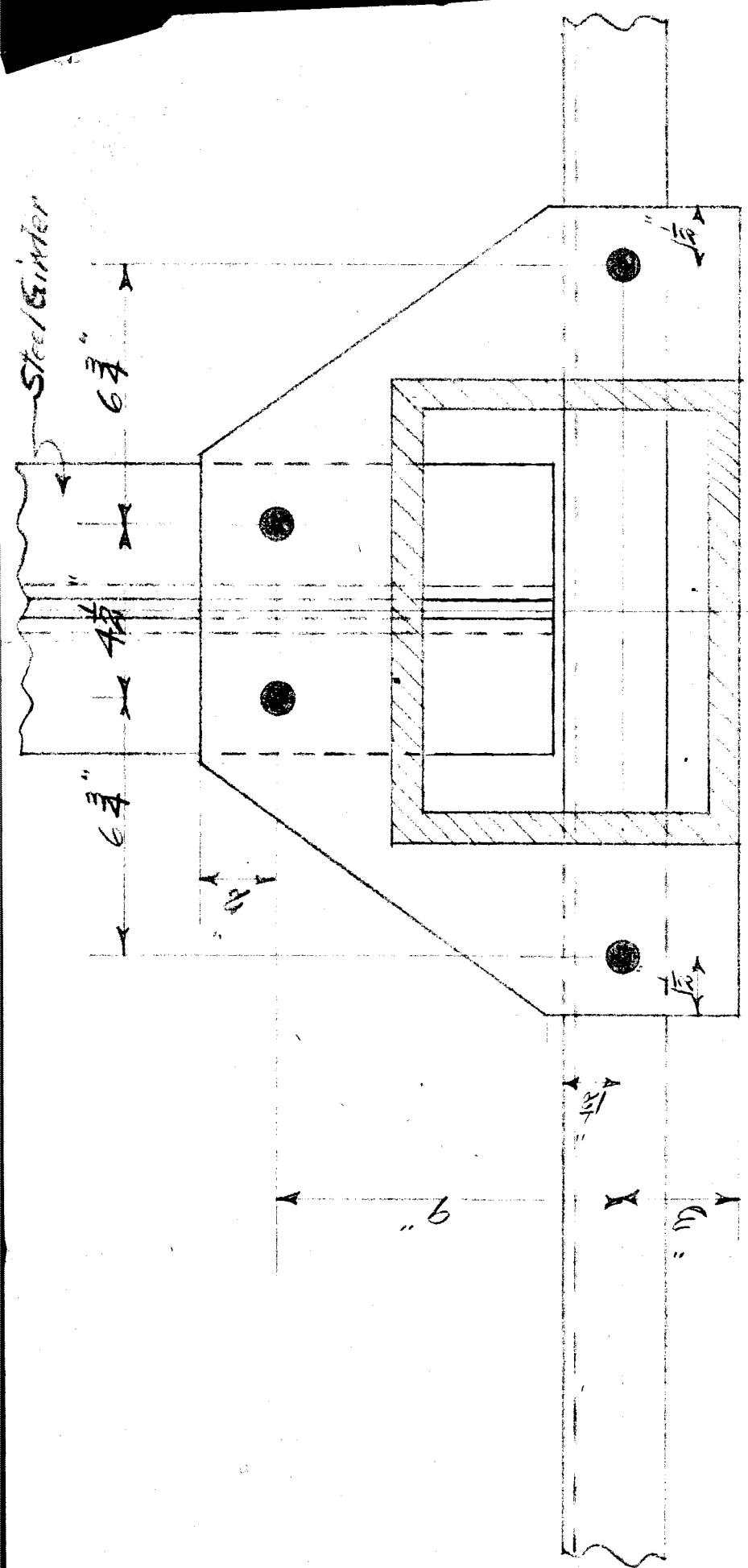
F.S. Detail of Stop Clip  
 Regd. 54-B, Mk. C.I.  
 Regd. 54-E, Mk. C.R.  
 Office [Signature]

BROWN-HUTCHINSON  
 ALL IRONS  
 UNLESS OTHERWISE CALLED FOR  
 SHOP PAINT

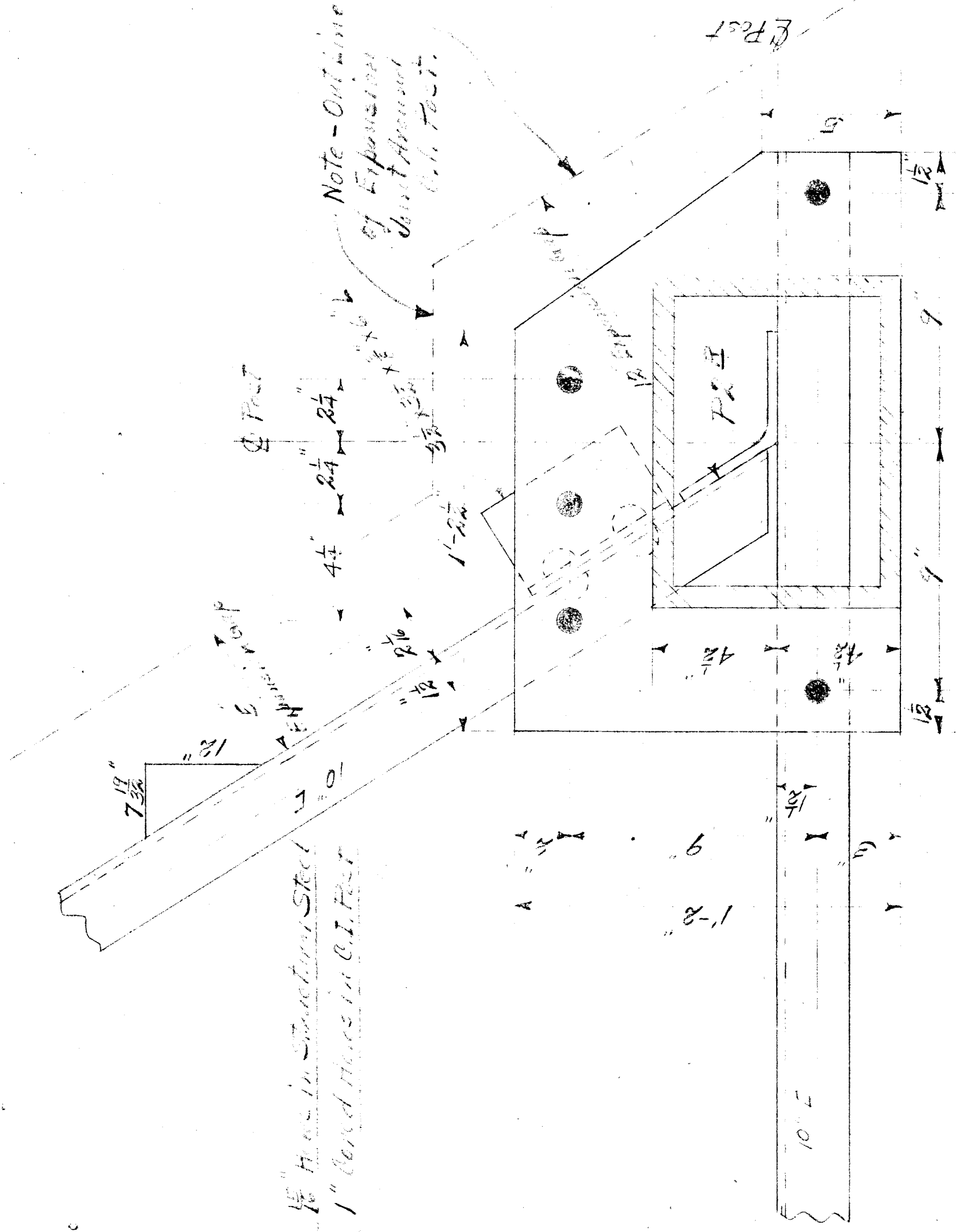
West Lafayette, Ind. 47906  
 Detail of [Signature]  
 FOUNDED 1877  
 37, RPP 6-5-26







3" Scale Detail Showing Typical Connection of C.I. Posts

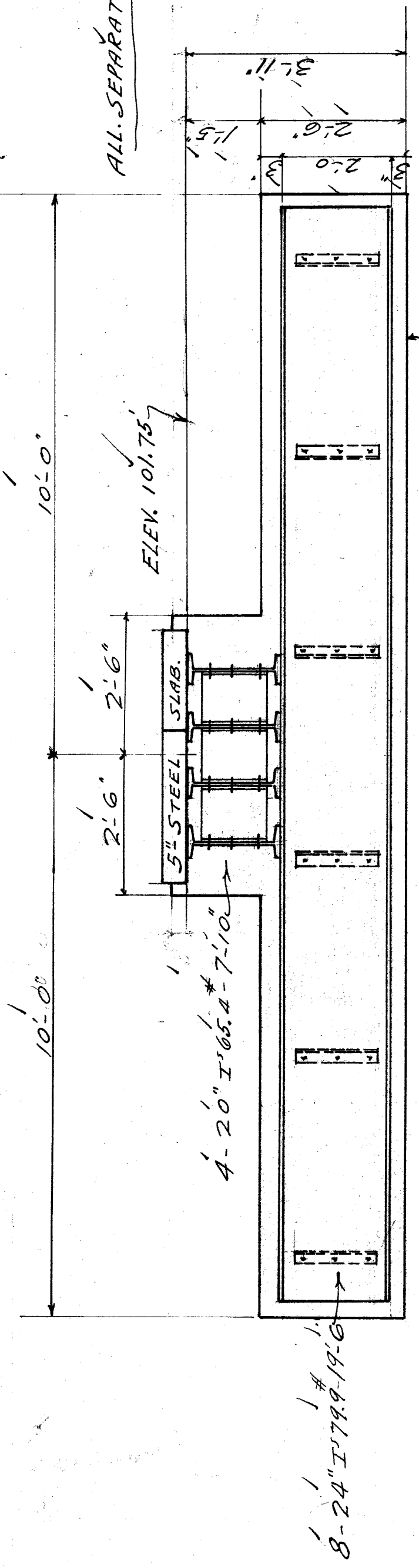
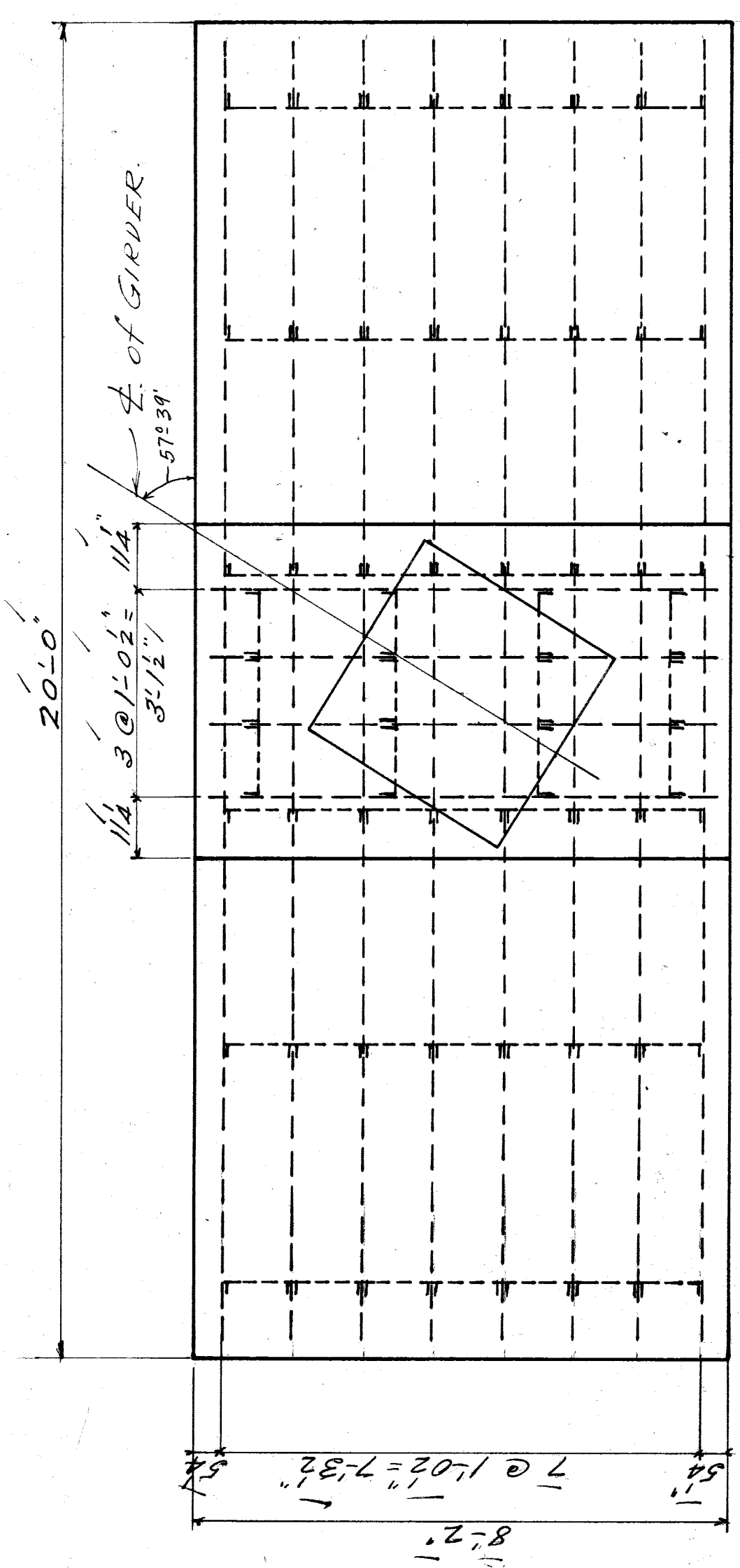


1/8" Holes in Structural Steel  
 1" Cord Holes in C.I. Post

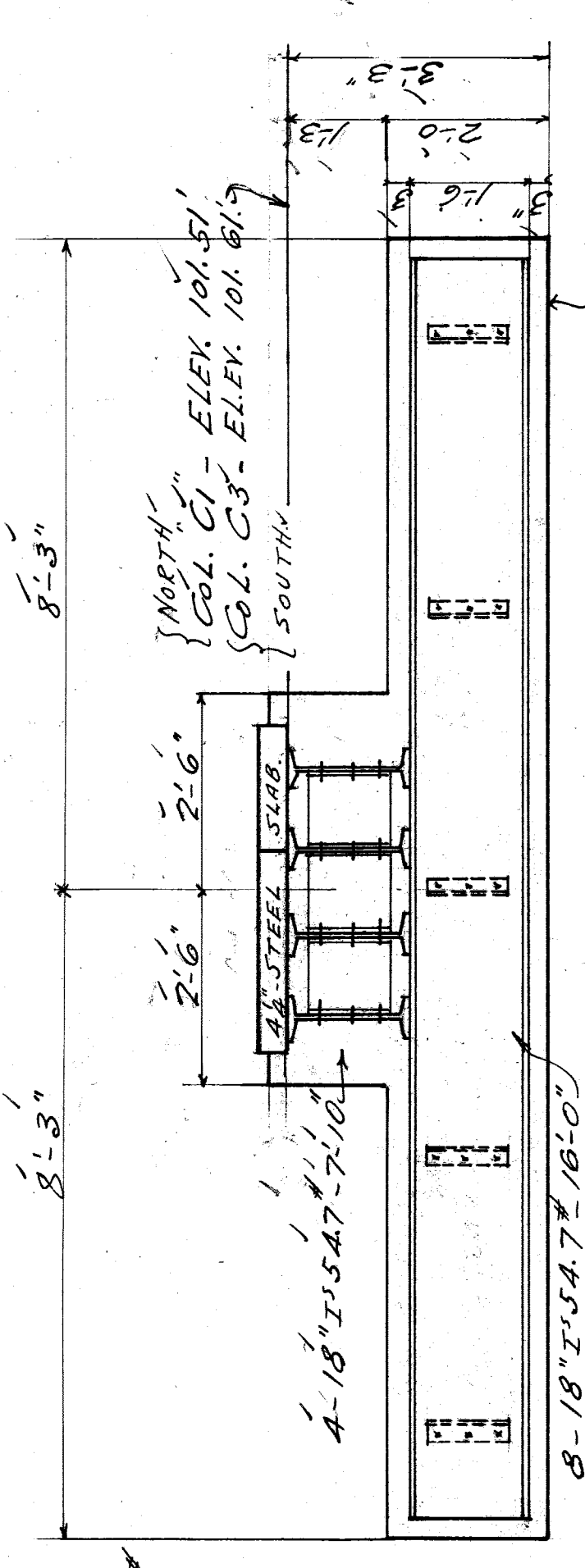
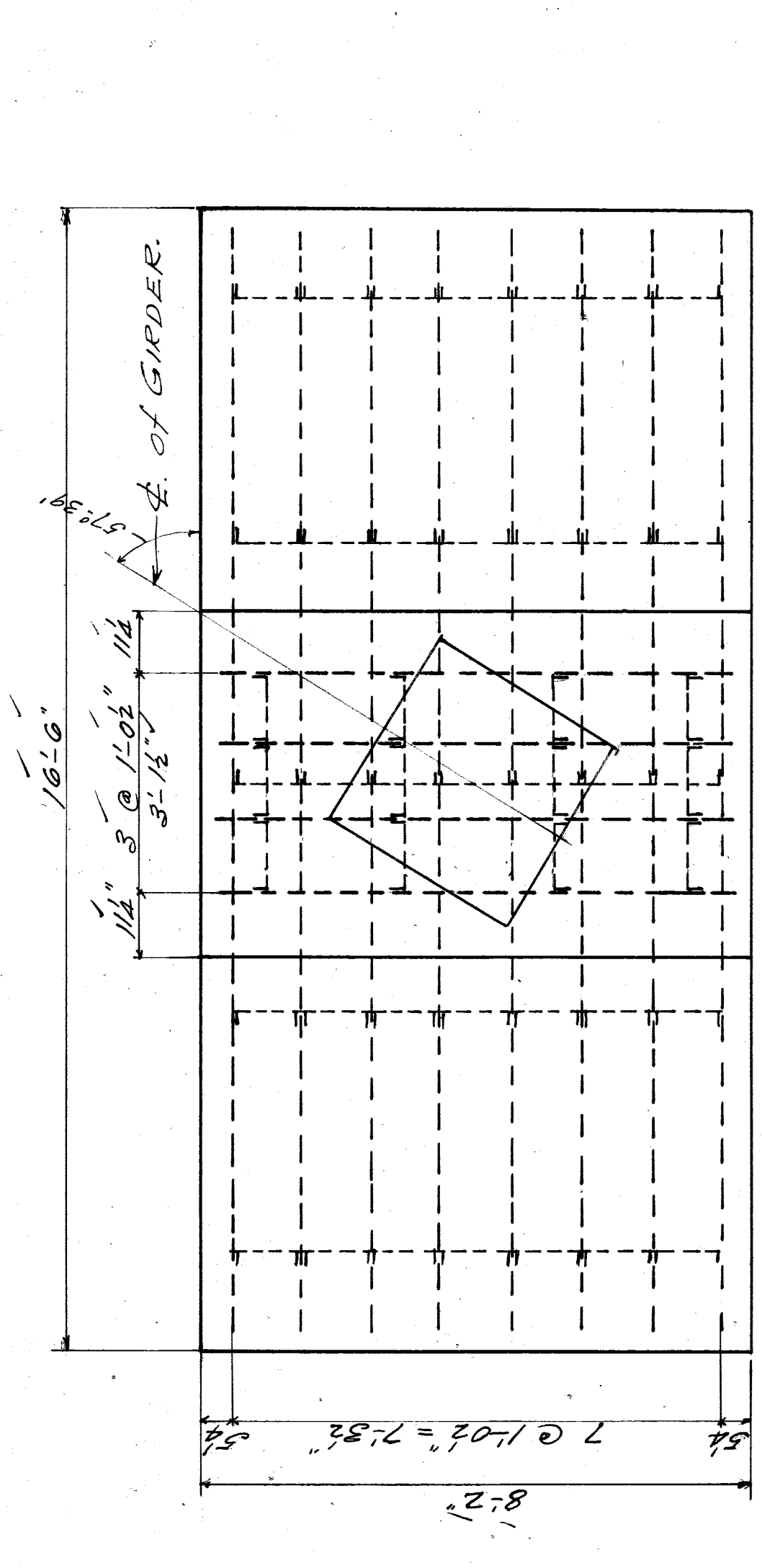
3" Scale Detail Showing Special Connection of C.I. Post to Steel Framing in Side View  
 This Applies to End Posts P2E For S.E. & N.W. Ends of Bridge

Approved  
 P. H. ...  
 W. C. ...

ALL HOLES UNLESS OTHERWISE CALLED FOR SHOP PAINT	BROWN-HUICHINSON IRON WORKS DETROIT, MICH.		
	West Log of the Ave. Bridge Railway M. C. ...		
	ORDER NO. 5234	DRAWN BY M. ...	SCALE 3" = 1'-0"
	FOLDER NO. 111	DATE ...	SHEET NO. 51a5



GRILLAGE FOR COL. C2  
 ENCASED IN CONCRETE.



GRILLAGE FOR COLS. C1 & C3  
 ENCASED IN CONCRETE.

**CITY OF DETROIT**

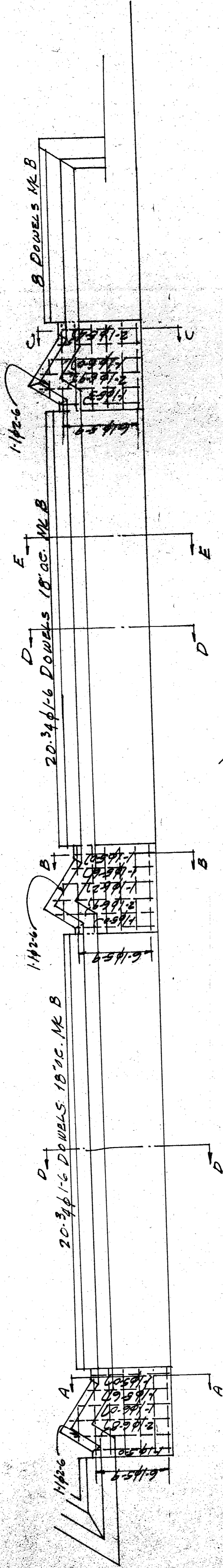
DEPARTMENT OF PUBLIC WORKS  
 OFFICE OF CITY ENGINEER  
 DIVISION OF GRADE SEPARATION & BRIDGES  
 WEST LAFAYETTE AVENUE BRIDGE.

M.C.R.R. MAIN LINE TRACKS.  
 REVISED COLUMN FOOTINGS.

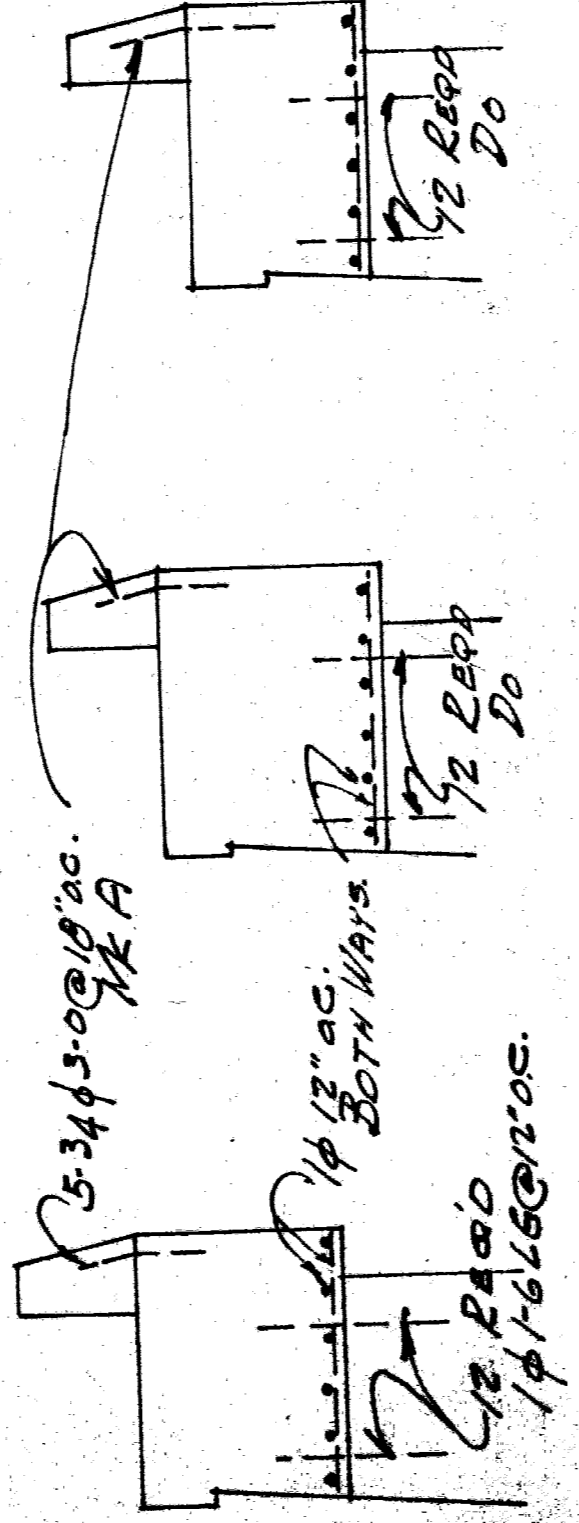
JUNE - 14<sup>th</sup> 1926.

12

Made by H.M.A.  
 Checked by R.D.S. 6/14/26  
 Scale - 1/2" = 1'-0"



PLAN OF BRIDGE SEATS

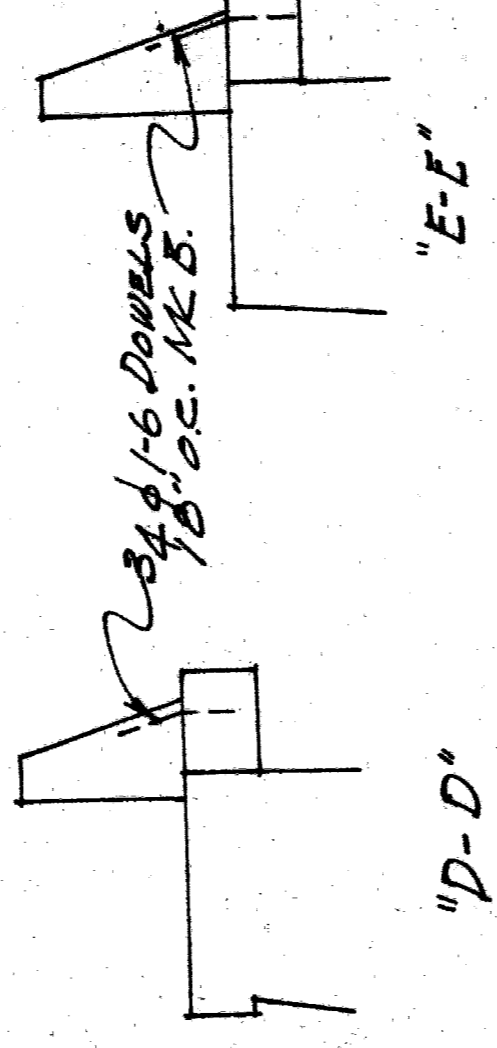


A-A

B-B

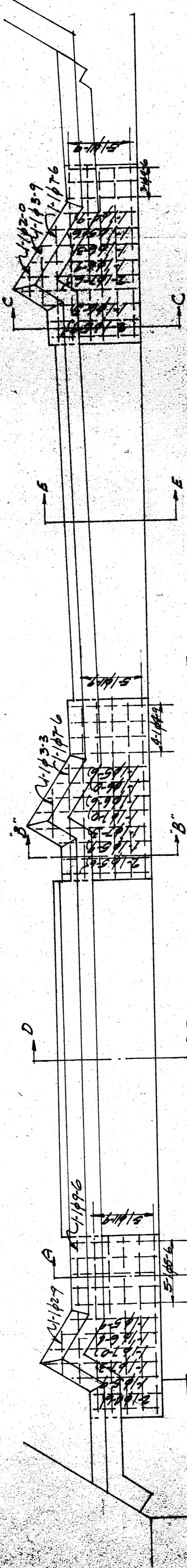
C-C

BRIDGE SEAT SECTIONS.

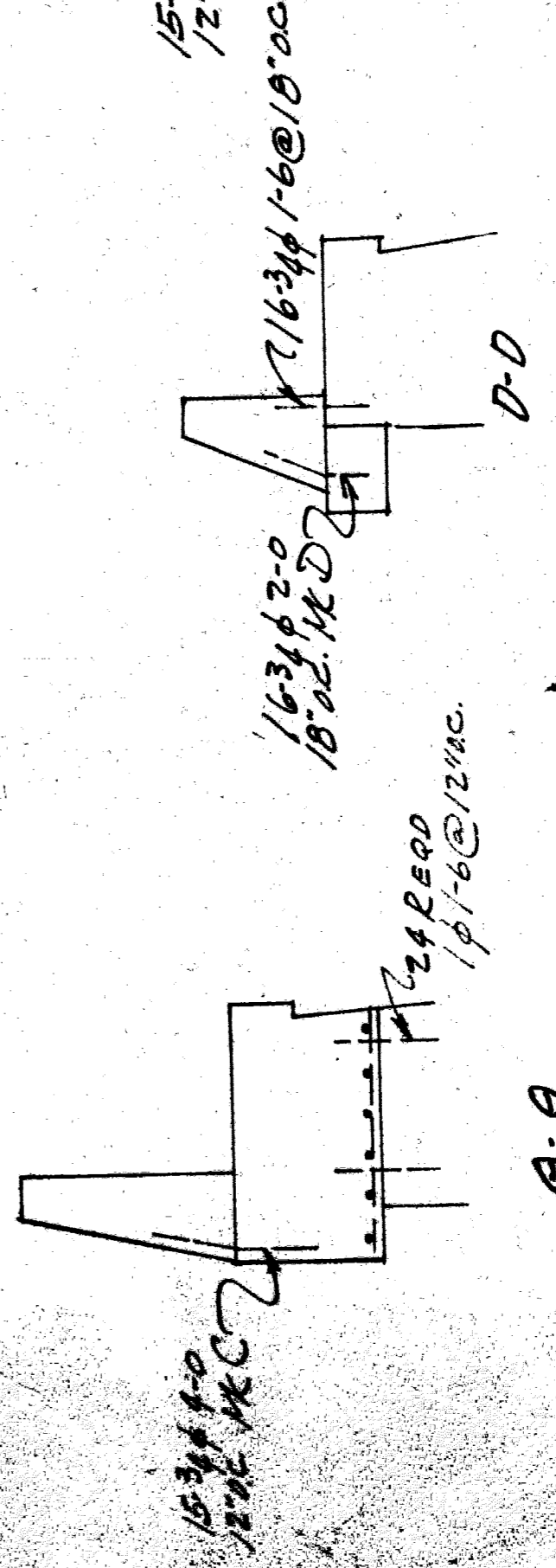


"D-D"

"E-E"



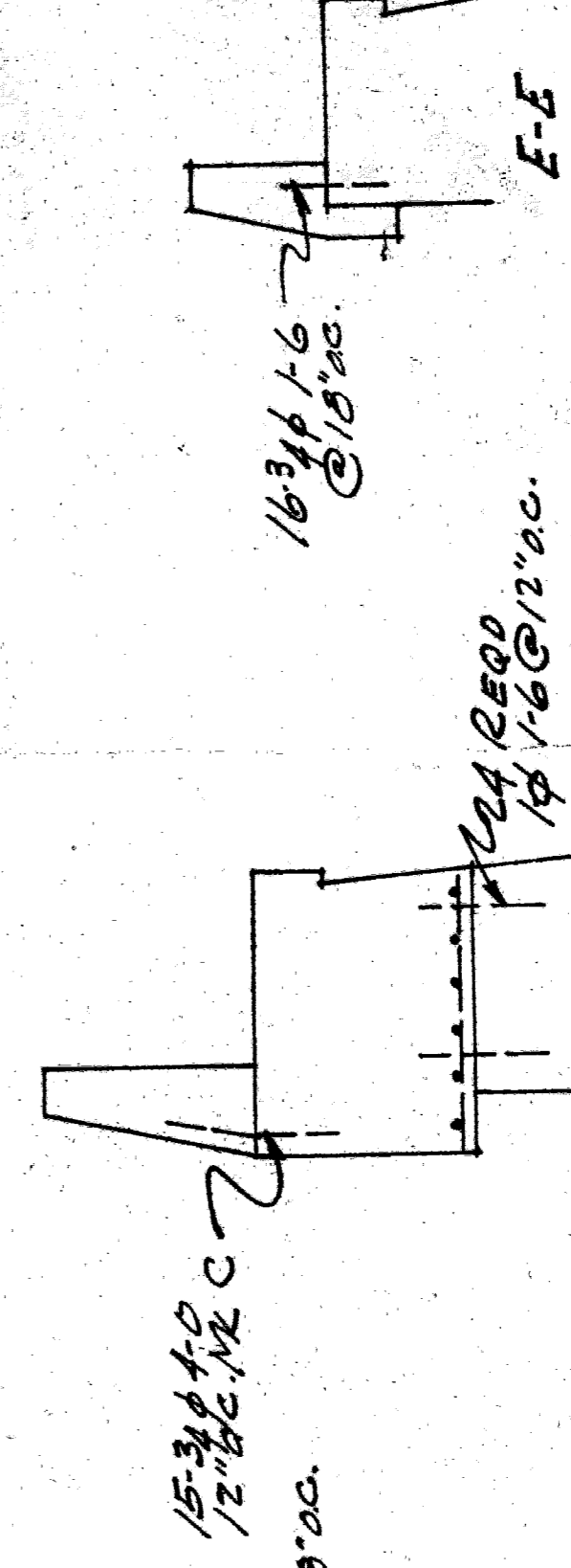
PLAN OF BRIDGE SEATS



A-A

B-B

D-D



E-E

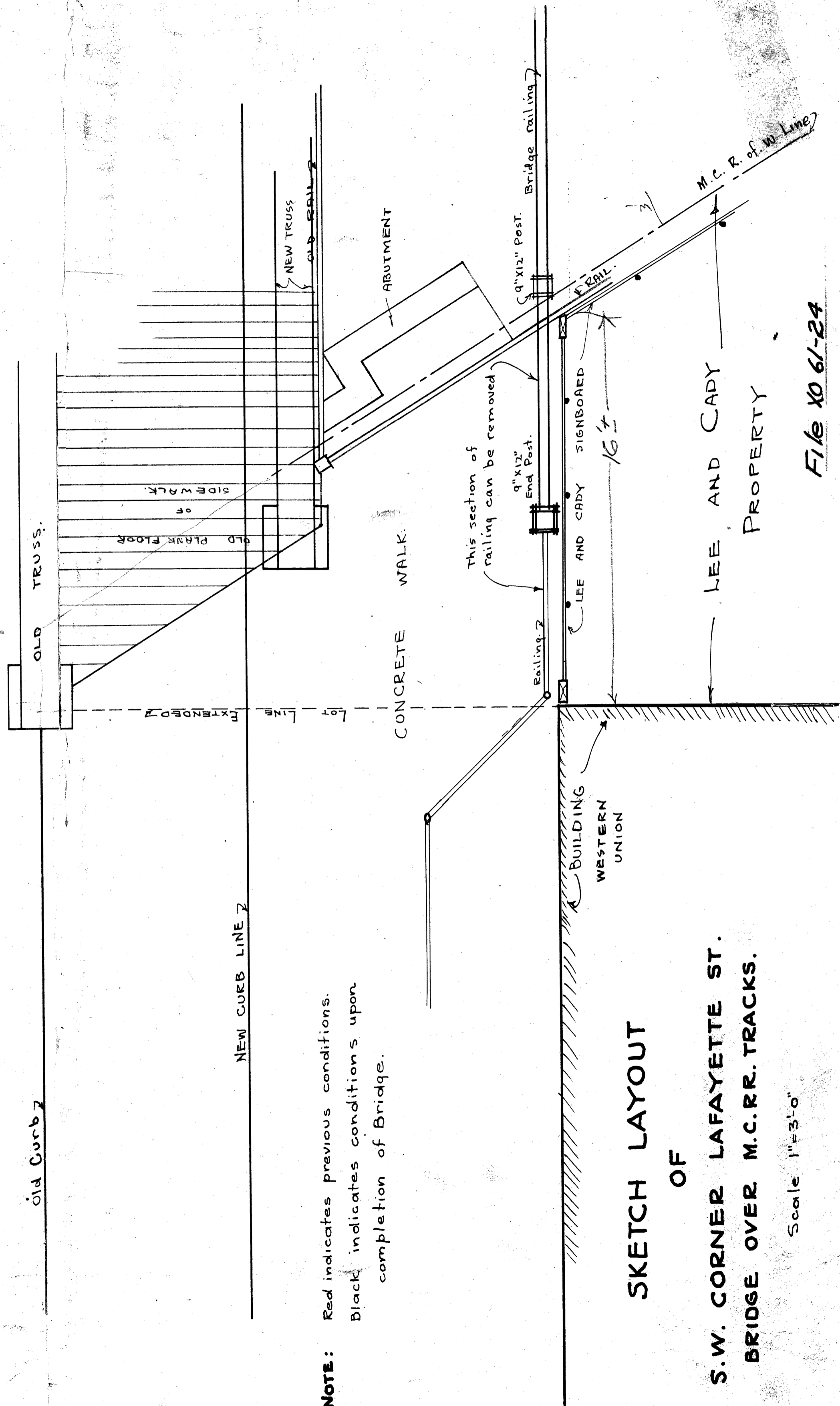
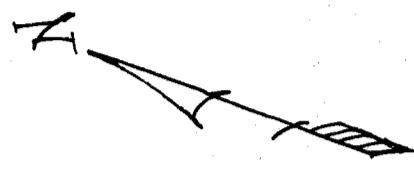
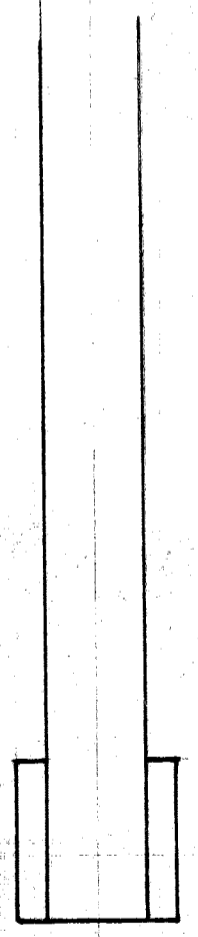
BRIDGE SEAT SECTIONS

CENTER BENT FTGS.

Outsides FTGS:  
15-10 #12 @ 12" OC. Each Way  
16-7 #4 @ 0 DOWELS  
CENTER FTGS  
23-7 #12 @ 66" OC. Each Way  
16-10 #4 @ 0 DOWELS.

*Office Copy*

NOTE: THIS IS A SETTING PLAN ONLY AND IS TO BE USED IN CONNECTION WITH ENGINEERS DRAWINGS.  
WEST LAFAYETTE AVE BRIDGE  
FOR:  
CITY OF DETROIT  
GEN'L CENTER  
DETROIT MICHIGAN  
BY CONCRETE ENGINEERING & MC  
CHICAGO DETROIT OMAHA  
SHEET NO. 1  
DRAWN BY MCM  
DATE 6-8-26



**NOTE:** Red indicates previous conditions.  
 Black indicates conditions upon completion of Bridge.

**SKETCH LAYOUT  
 OF**

**S.W. CORNER LAFAYETTE ST.  
 BRIDGE OVER M.C.R.R. TRACKS.**

Scale 1"=3'-0"

File 10 61-24

LEE AND CADY  
 PROPERTY

M.C.R. of W. Line

BUILDING  
 WESTERN  
 UNION

CONCRETE WALK

OLD TRUSS

NEW TRUSS

ABUTMENT

OLD PLANK FLOOR  
 OF  
 SIDE WALK

This section of  
 railing can be removed

9" x 12" End Post.

LEE AND CADY SIGNBOARD

16' ±

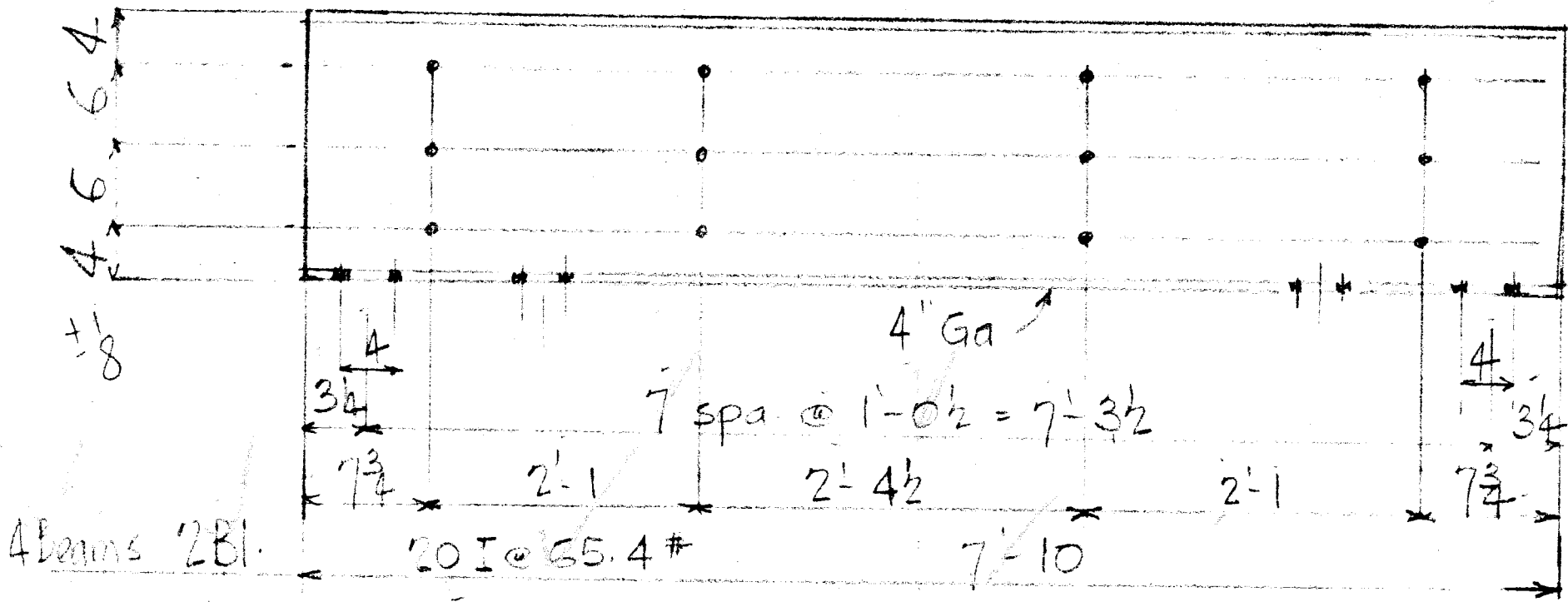
9" x 12" Post.

Bridge railing

RAIL.

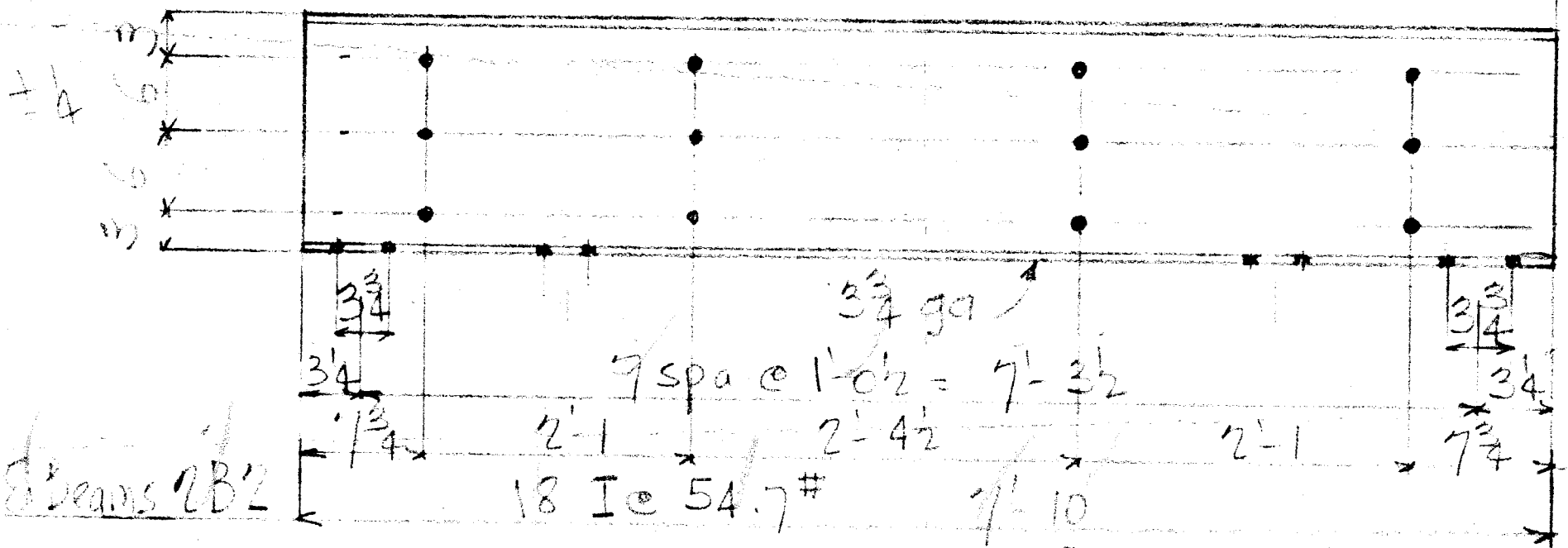


FOR West Lafayette Ave Bridge  
 Detroit Mich



± 8

File X061-26



± 4

No. OF PIECES	MATERIAL	LENGTH		MARK	REMARKS	WEIGHT	MILL ORDER	No. OF PIECES	MATERIAL	LENGTH		MARK	REMARKS	WEIGHT	MILL ORDER
		FEET	INCHES							FEET	INCHES				
4	20 I @ 65.4	7	10	2B1		512									
8	18 I @ 54.7	7	10	2B2		426									

MADE BY M.G.G. CHECKED BY SALMON SCALE  
 SHOP PAINT None

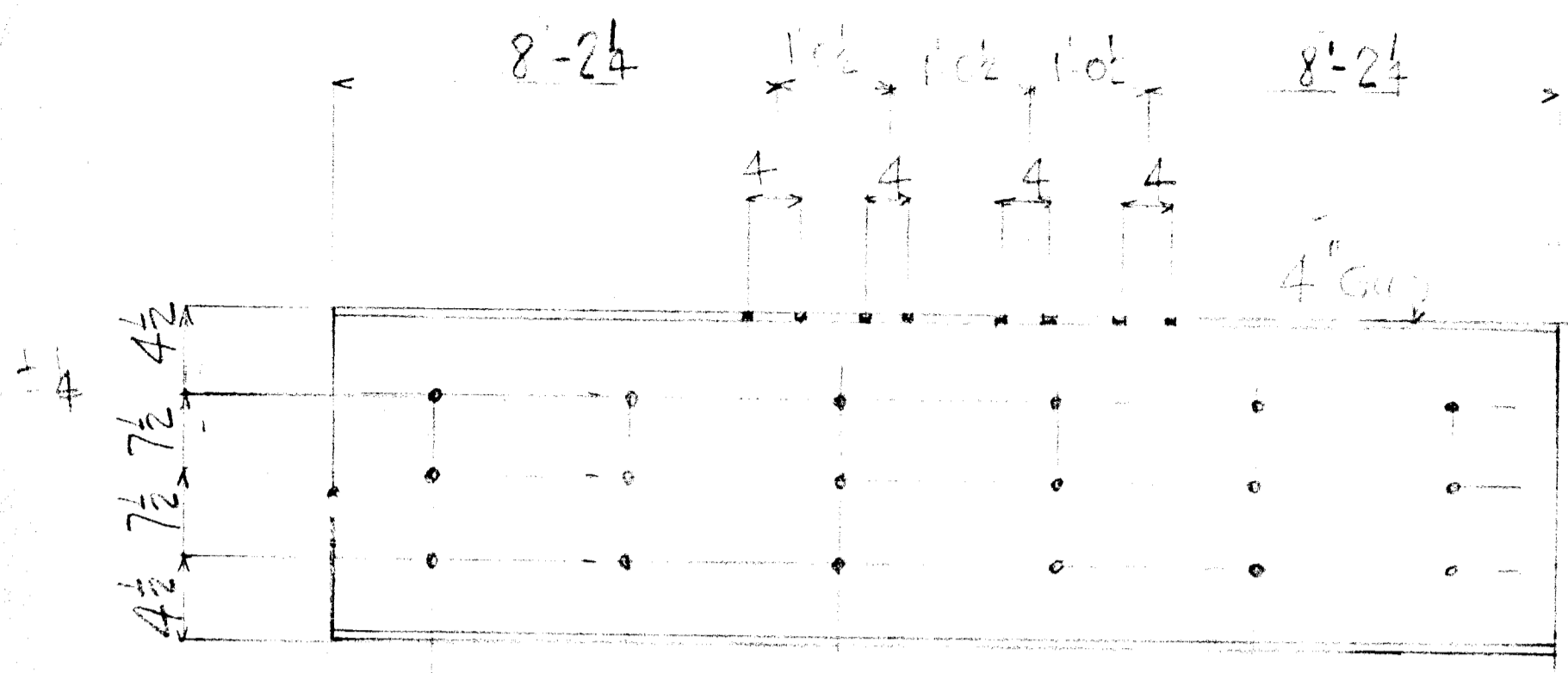
RIVETS UNLESS NOTED  
 HOLES 13/16 φ

WHITEHEAD & KALES CO.  
DETROIT

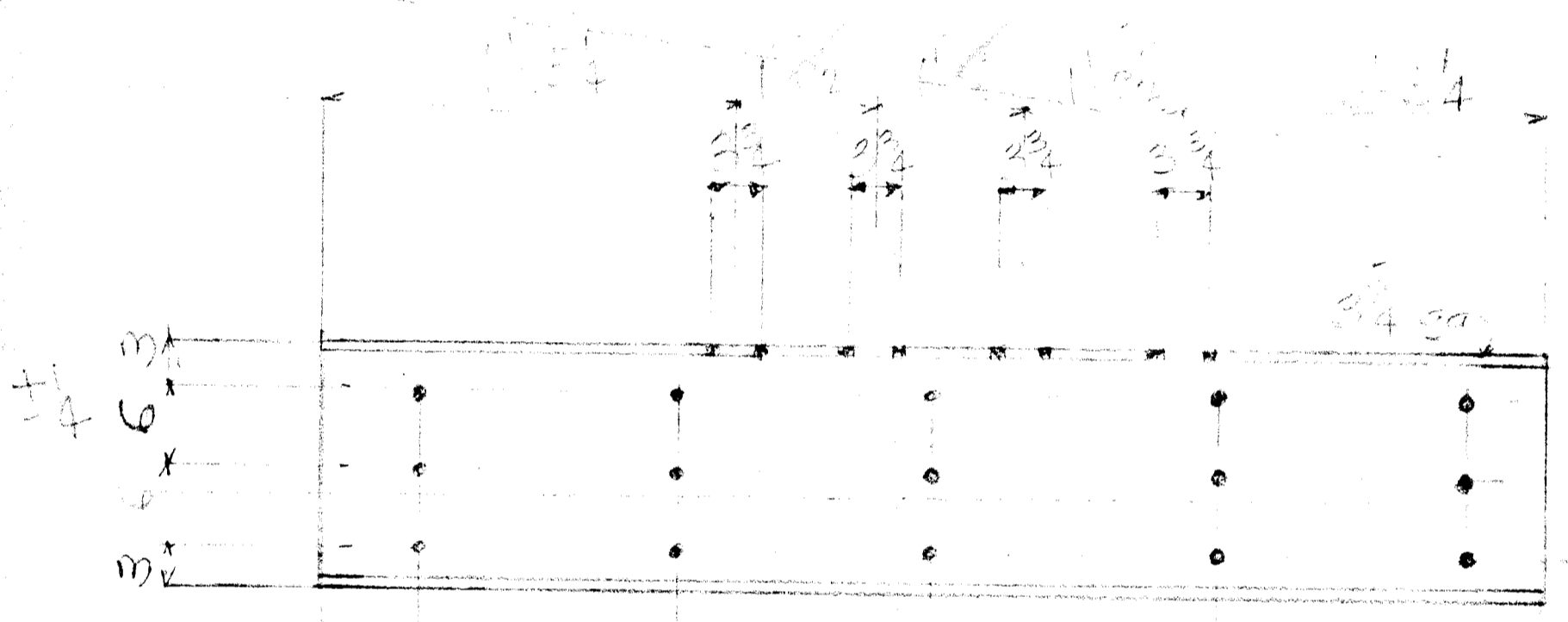
SHEET NO. 37957  
ORDER NO. 1673  
FOLDER NO. 2-21-56  
DATE 2-21-56

1

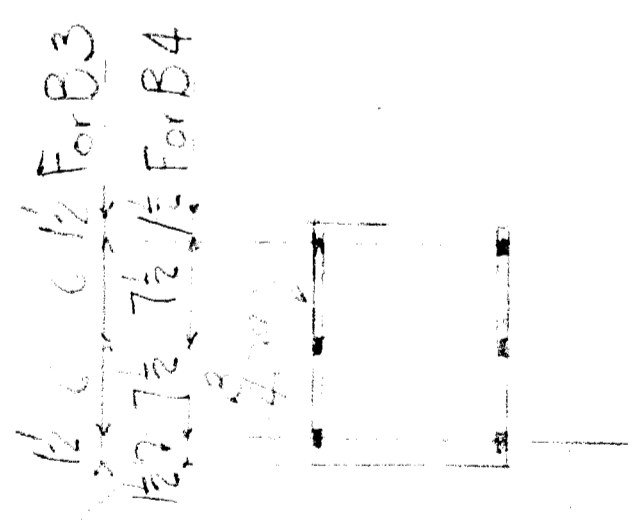
FOR West LaSalle Ave Bridge  
Detroit Mich



8 Beams 1B1  
10' 4" 3'-6" 3'-6" 3'-7 1/2" 3'-6" 3'-6" 10' 4"  
24 I @ 79.9# 19' 6"



16 Beams 1B2  
10' 4" 3'-6" 3'-7 3/4" 3'-7 3/4" 3'-6" 10' 4"  
18 I @ 54.7# 16' 0"



106' 12" E @ 30#  
42 D. 1B4- 12" E 30# x 1'-6"

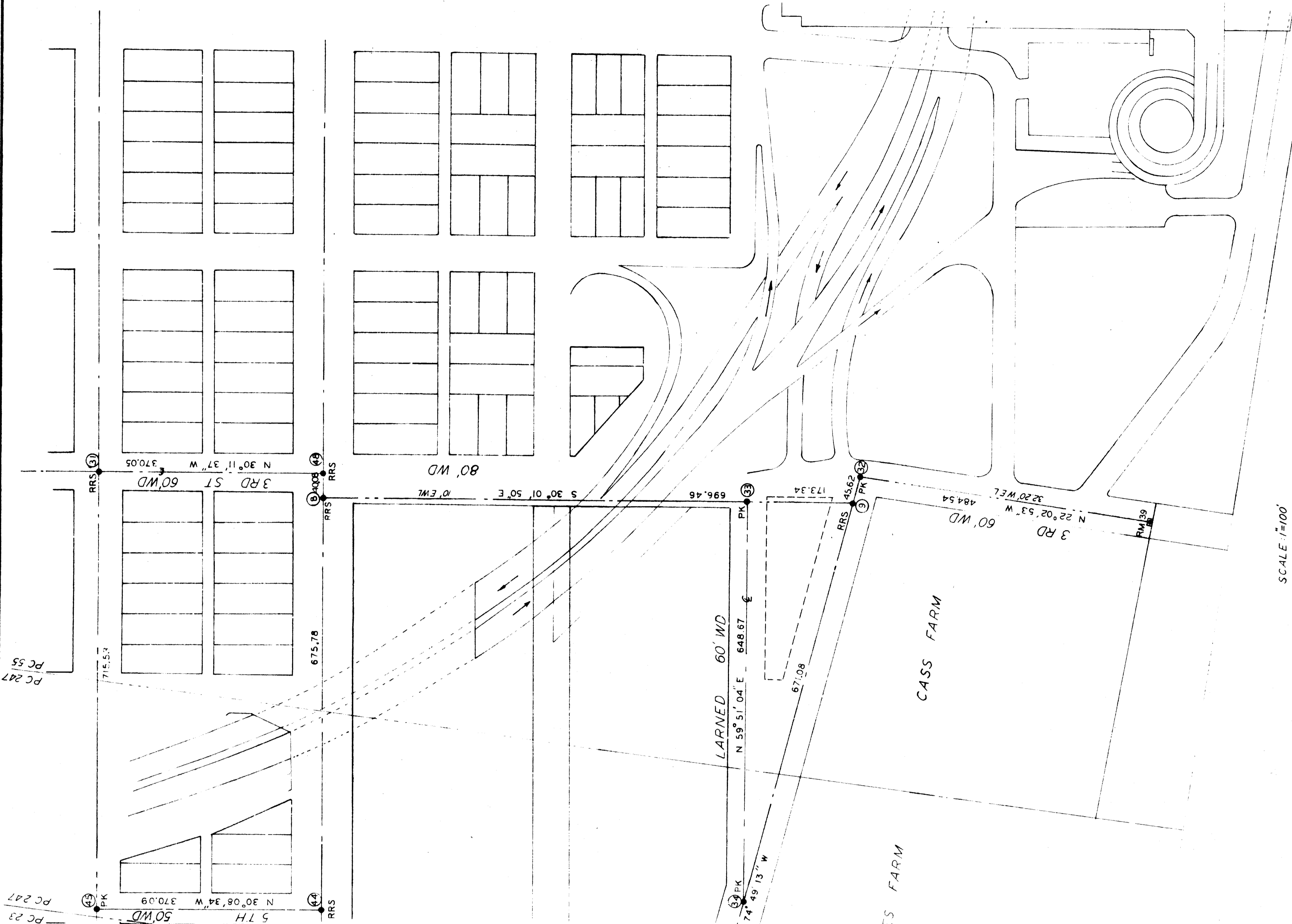
No. OF PIECES	MATERIAL	LENGTH		MARK	REMARKS	WEIGHT	MILL ORDER	No. OF PIECES	MATERIAL	LENGTH		MARK	REMARKS	WEIGHT	MILL ORDER
		FEET	INCHES							FEET	INCHES				
8	24 I @ 79.9#	19	6	1B1		1558									
16	18 I @ 54.7#	16	0	1B2		879									
106	12" E @ 30#	1	3	1B3		30									
42	D. 1B4	1	6	1B4		45									

MADE BY [Signature] CHECKED BY SALMON SCALE RIVETS UNLESS NOTED HOLES

Coordinates, as shown, are based on the City of Detroit Coordinate System, which is a plane, tangent to the earth's surface at 618 feet above sea level with its origin, or point of tangency, at the centerline of Woodward Avenue and the south line of Michigan Avenue.

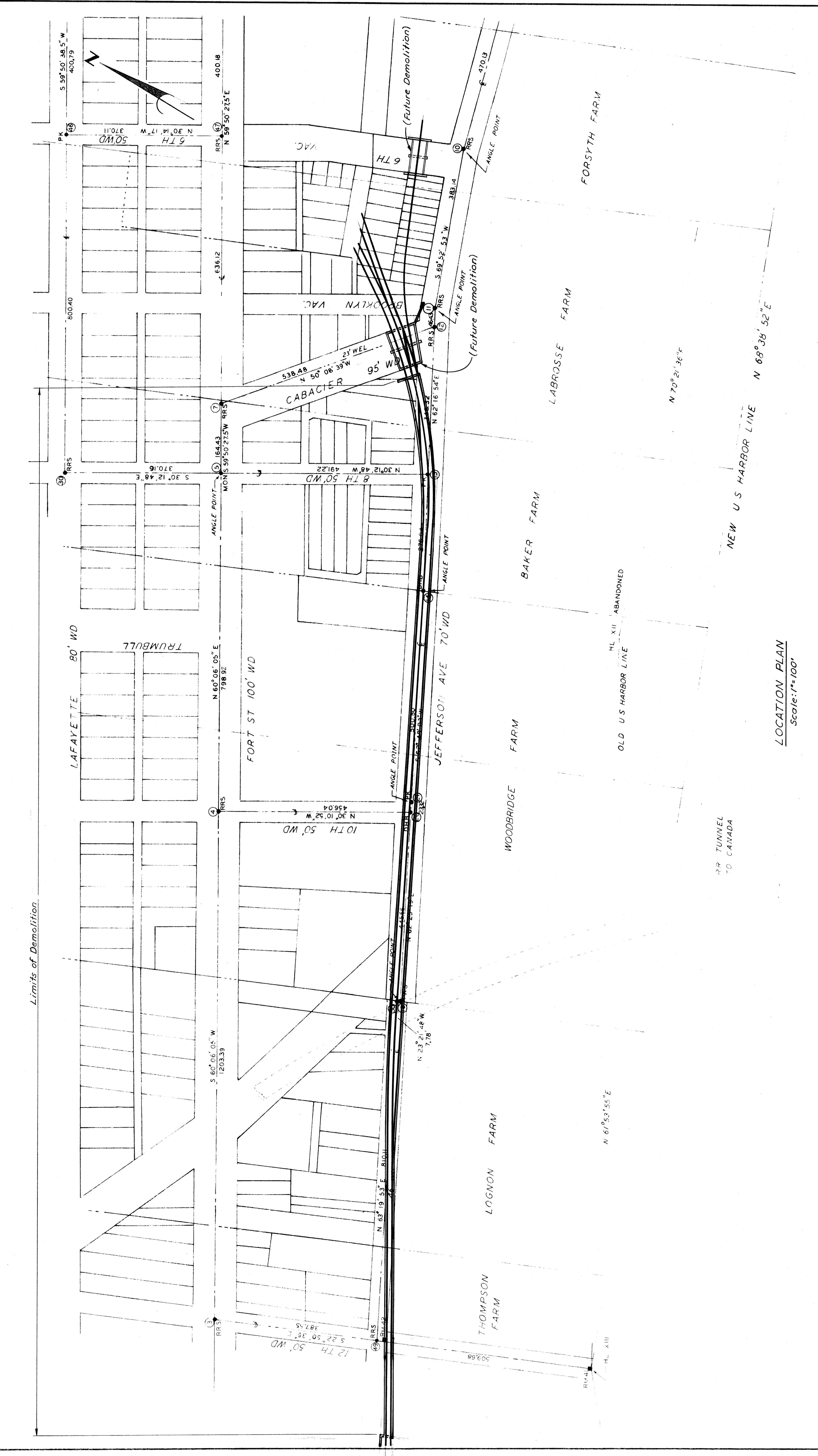
Conversion of City Coordinates to Geodetic or to State Lambert (South Zone) coordinates are available upon request to the City Engineer's Office, City of Detroit.

North	East
96645.1891	96567.2959
97245.0347	95590.2238
97653.2693	96793.1174
97775.8794	98475.2922
98586.0319	97605.6139
97482.8951	98940.8140
97534.1728	97235.0223
97402.3860	98879.7665
97380.7902	98838.6586
97218.7775	96530.3107
97090.3359	98285.9518
96644.4900	98274.7647
96690.8127	98810.7934
96661.6095	98600.4657
97663.1429	96096.8468
98226.0170	97744.1593
97664.9406	98764.0423
97683.0559	98254.1643
97657.2749	97033.2485
97905.8352	98764.2326
98418.3286	98465.4112
98270.7235	98709.2350
98246.5194	98271.3122
98564.8664	97135.4670
98395.2261	98778.0171
98045.4697	98075.3052
98086.1626	97900.2673
98288.0320	98697.7485
98651.6347	98231.6783
98726.9081	10293.0151
98637.5101	98434.8981
98815.1800	98894.9010



SHEET OF SHEETS	1
CONTRACT NO.	
DRWG. NO.	
DATE	

SCALE: 1"=100'



SHEET OF SHEETS	
CONTRACT NO.	
DRWG. NO.	
DATE	

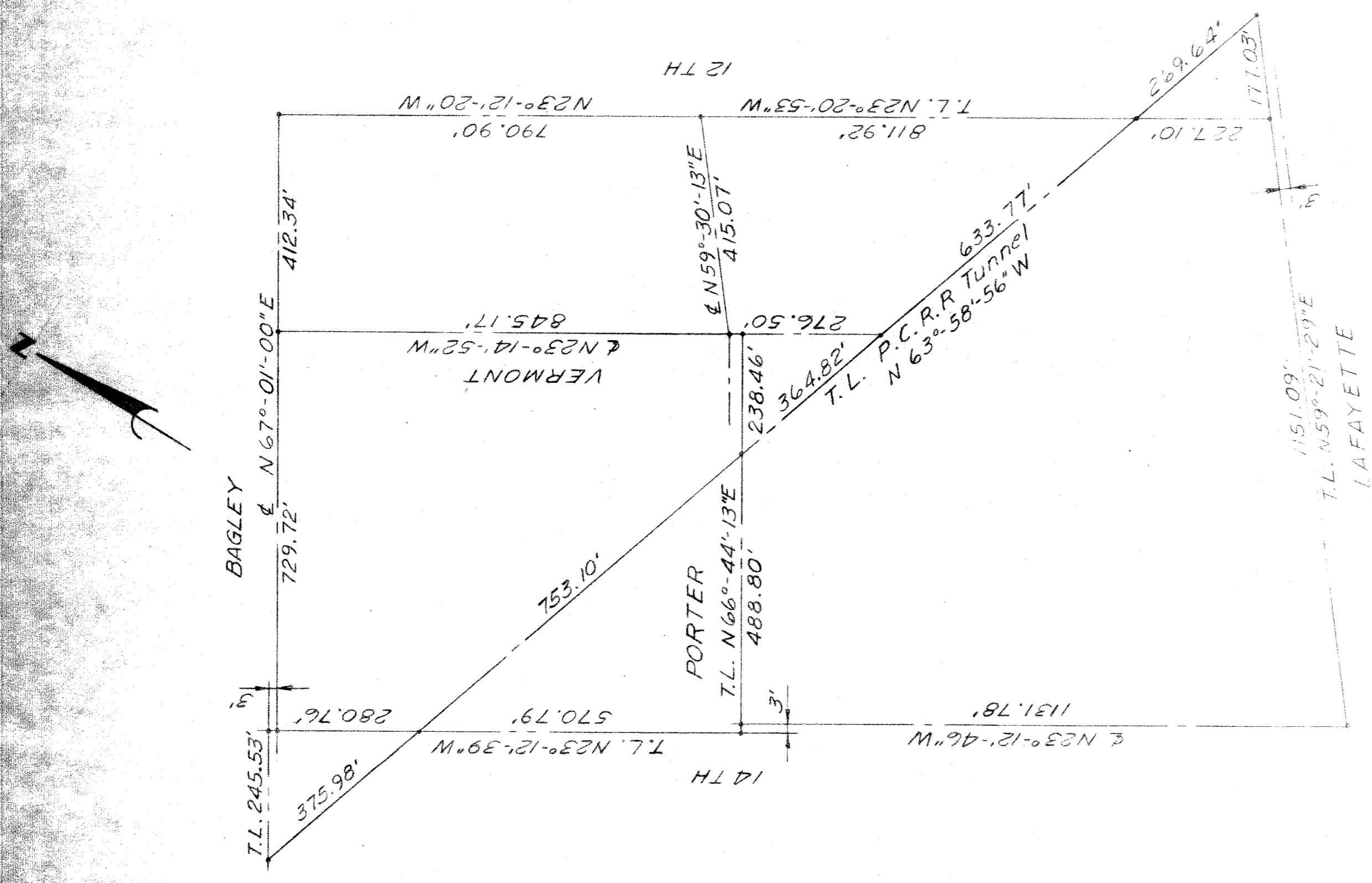
APPROVED: *[Signature]*  
 ENGINEER OF SURVEYS

DESIGNED BY	
DRAWN BY	
IN CHARGE BY	
CHECKED BY	

**DEMOLITION-TRESTLE ALONG W. JEFFERSON**

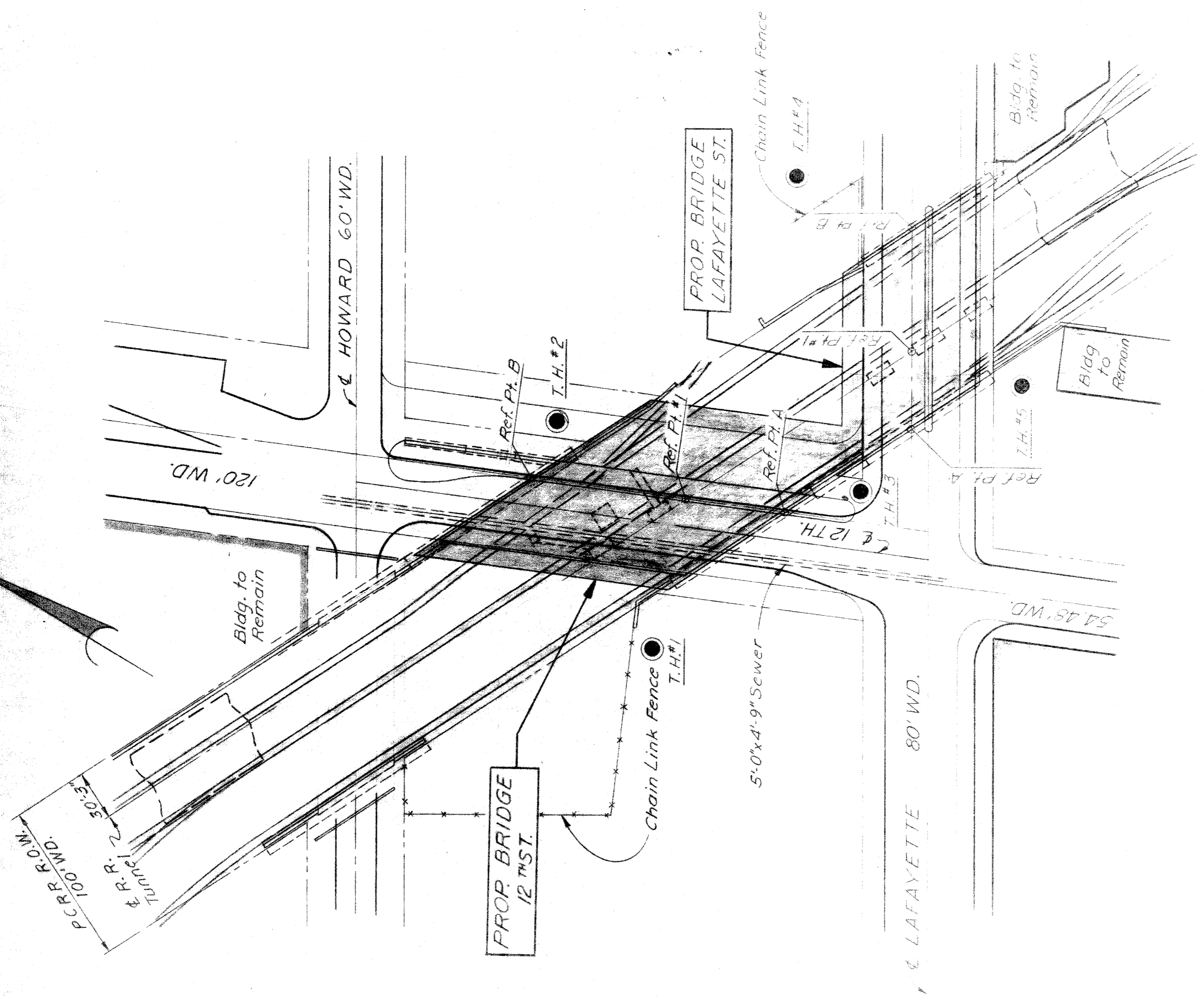
CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
**STRUCTURAL BUREAU**

LOCATION PLAN  
 Scale: 1"=100'



ALIGNMENT DIAGRAM  
No Scale

NOTE:  
T.L. 12th St. is 39.53' E of W.R.  
T.L. P.C. - R. is 3.75' N of E. Tunnel



SITE PLAN  
Scale: 1" = 50'