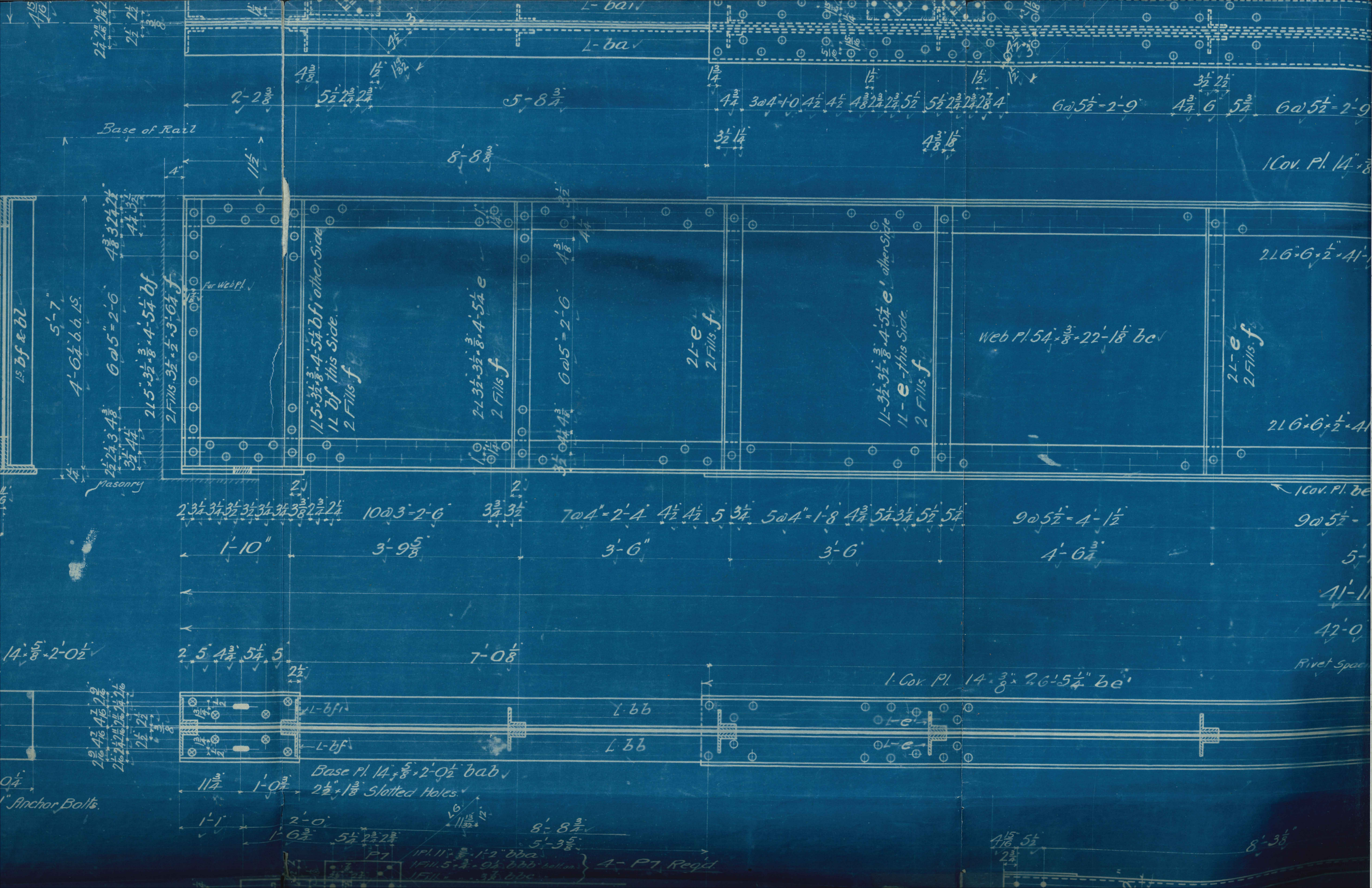
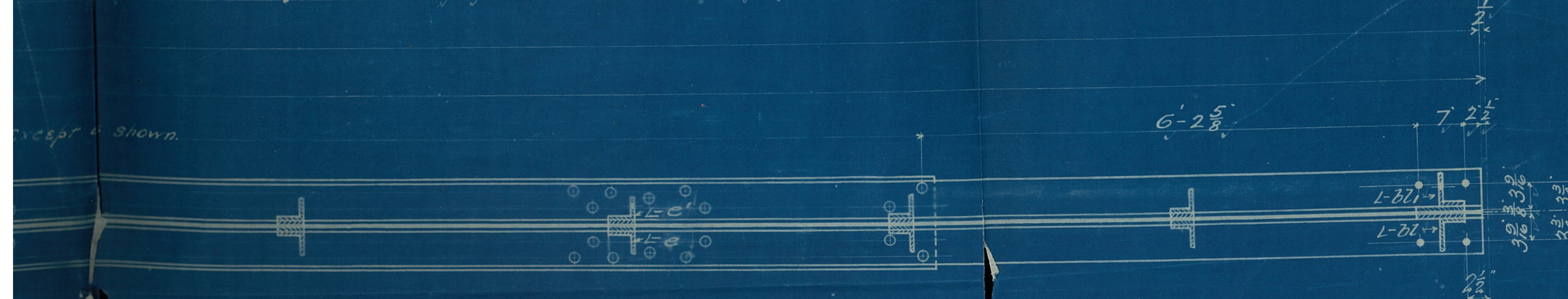
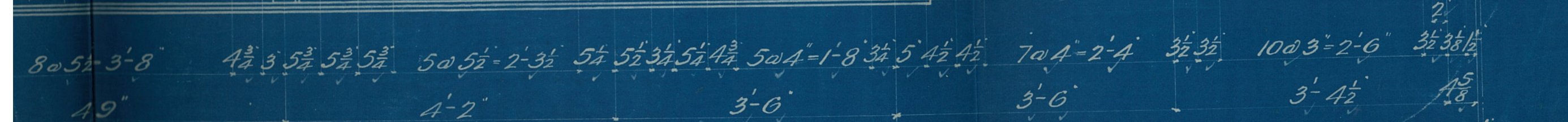


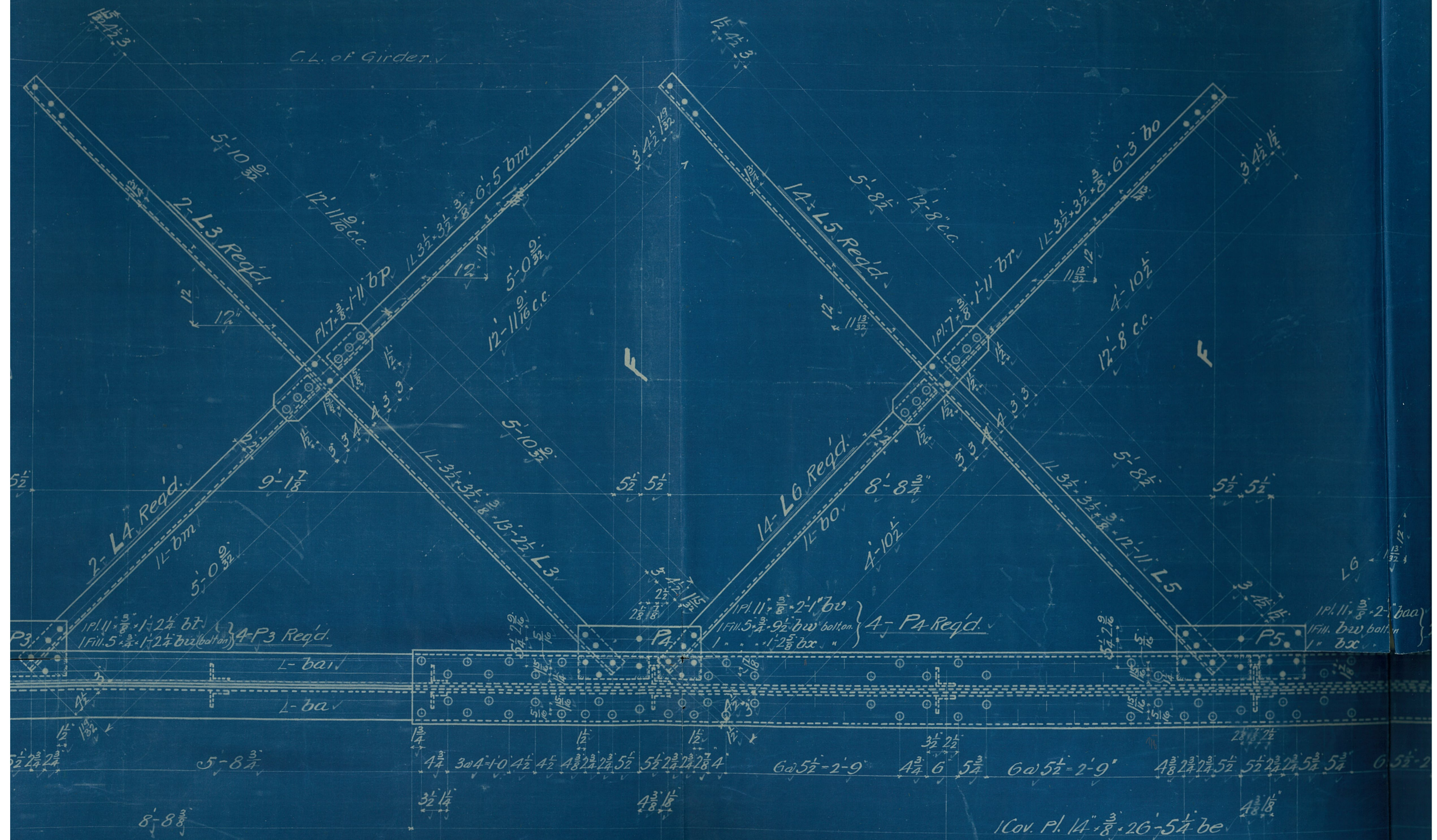




E. J. Morrison
Chief Draftsman.

Engr. in Charge:- S. Bradshaw

Steelton, Pa.



12-32-84-34-01 other side
12 bf this side.
2 Fills. f

2-1-3 1/2 x 3 1/2 x 8 x 4-5 1/2 e
2 Fills. f

6-0-5 = 2-0 4 3/8

2L-e
2 Fills. f

1L-3 1/2 x 3 1/2 x 8 x 4-5 1/2 e' others
1L-e - this side.
2 Fills. f

Web Pl. 54 x 3/8 x 22-18 bc

2L-e
2 Fills. f

2L6 x 6 x 1/2 x 41-11 1/2 {ba this side
ba other.

2L6 x 6 x 1/2 x 41-11 1/2 bb

2 sp. Pls 7 1/2 x 3-6 1/4 bk
1L-e' other side
1L-e this side.

1/2" For Web Pls.

Reqd. 4 fire

10-3-2-6 3 3/4 3 1/2 7-4-2-4 4 1/2 4 1/2 5 3/4 5-4-1-8 4 3/4 5 1/4 3 1/4 5 1/2 5 1/4
3'-9 5/8 3'-6 3'-6 9-5 1/2 = 4'-1 1/2 4'-6 3/4 5-1 5-1 41'-11 1/2 over all. 42'-0 End to c.l. of Col. Rivet Spacing same as for Top Flange. except a shd

9-5 1/2 = 4'-1 1/2 4'-6 3/4 5-1 5-1 41'-11 1/2 over all. 42'-0 End to c.l. of Col. Rivet Spacing same as for Top Flange. except a shd

1 Cov. Pl. bel 9-5 1/2 = 4'-1 1/2 5-1 5-1 41'-11 1/2 over all. 42'-0 End to c.l. of Col. Rivet Spacing same as for Top Flange. except a shd

5 7/8 5 3/8 5 1/4 8-5 1/2 3' 49"

7'-0 1/8

1 Cov. Pl. 14 x 3/8 x 26-5 1/4 be

Rivet Spacing same as for Top Flange. except a shd



Base Pl. 14 x 5/8 x 2-0 1/2 bab
2 1/2 x 1 3/8 Slotted Holes.

5 1/4 2 3/4 2 3/4 8'-8 3/4 5'-3 5/8 4-P7 Reqd. 1 Pl. 11 x 3/8 x 1-2 bba 1 Fill. 5 x 3/4 x 9 1/4 bbb bottom. 1 Fill. 3 1/2 bbb

L-bbd 1 L-bbd

4 15/16 5 1/2 8'-3 3/8 5 1/2 4 15/16

1L 3 1/2 x 3 1/2 x 8 x 9-7 5/8 bbb

Pl. 12 x 3/8 x 1-2 1/2 bbo

Pl. 7 x 3/8 x 1-1 bbb

1L 3 1/2 x 3 1/2 x 8 x 9-5 1/2 bbb

Pl. bbb

2L6 x 6 x 1/2 x 40-10 1/2 {bbd this side
bbd other

Reqd. 4 fire

b. 15 of Girder

b. 15 of Frame

2 1/4

5 1/4

12

4 7/16

12

12

12

12

12

12

12

12

12

12

12

12

12

12

12

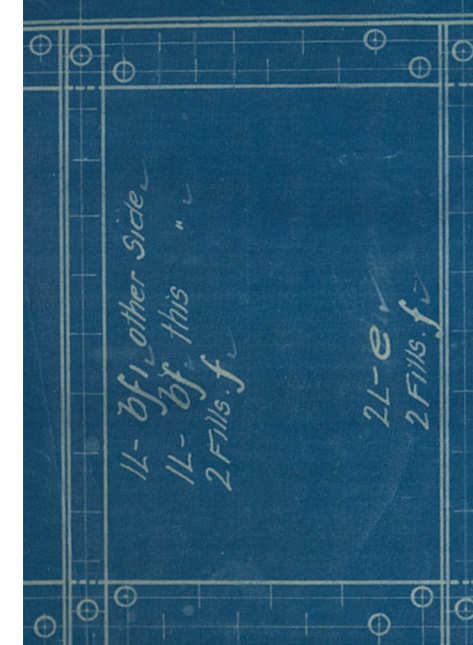
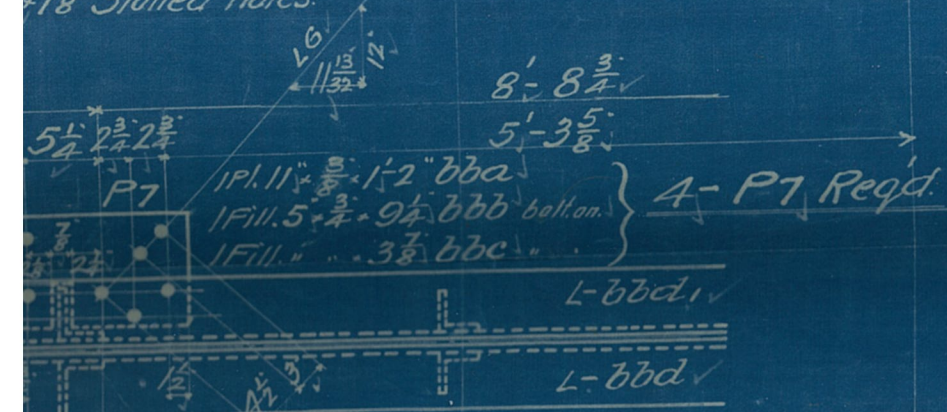
12

12

12

12

se Pl. 14 $\frac{5}{8} \times 2'-0\frac{1}{2}"$ bab ✓
 $\frac{1}{8}"$ Slotted Holes.



2L 6x6x1/2 40'-10 1/2" bbd this side.
 bbd other

Req'd. 4 Girders G2^R

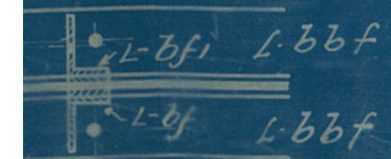
Everything not given, same as for G1^R

Web Pl. 54 $\frac{3}{8} \times 21'-0\frac{1}{4}"$ bbg ✓

2L 6x6x1/2 40'-10 1/2" bbf ✓

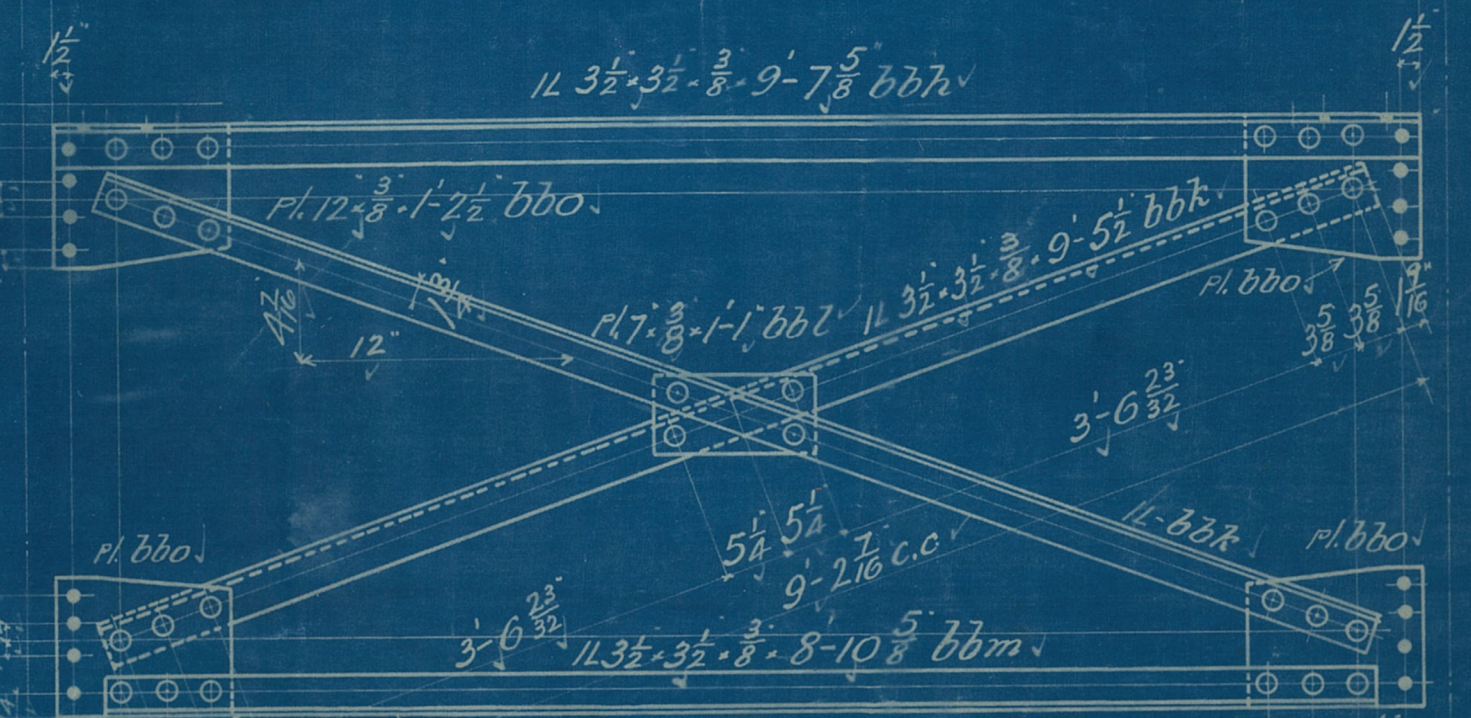
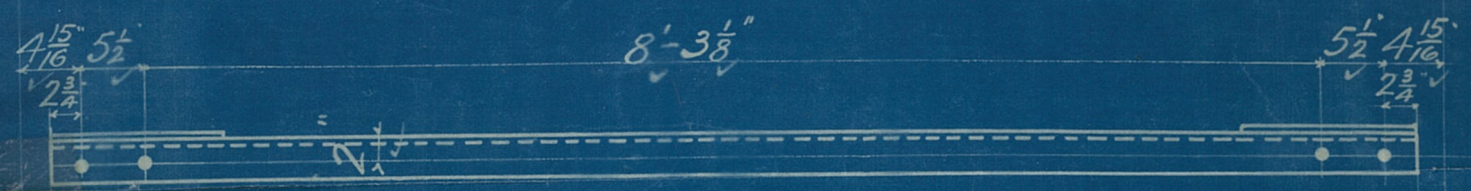
7x3 = 1'-9" 3 3/4 3 1/2
 2'-7 1/2" 3'-6"
 40'-10 1/2" over all.

39'-9 c.c. Cols. ✓



5'-9 5/8"

40'-10 1/2"
 2'-4"
 38'-6 1/2"



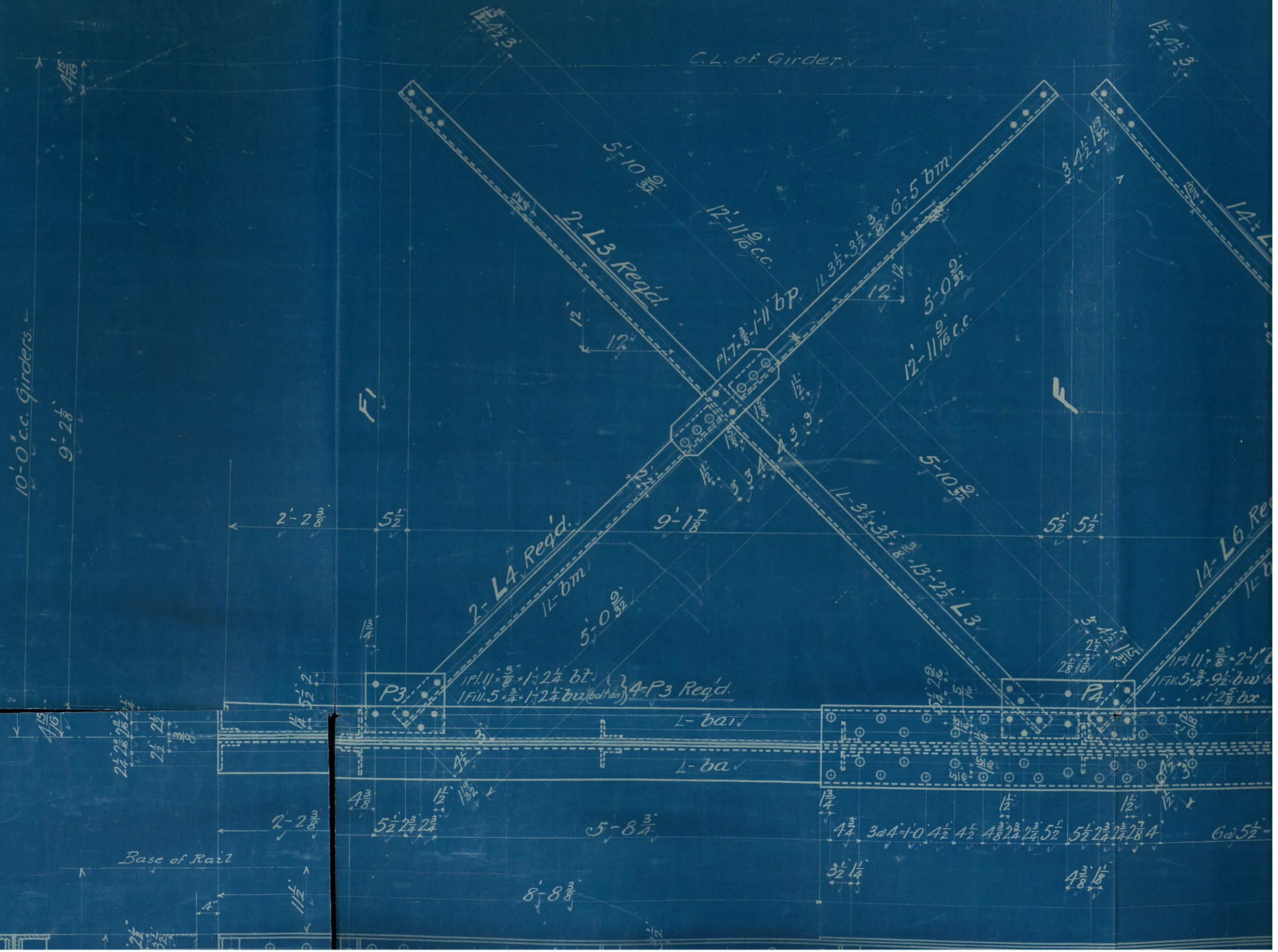
Req'd. 8 End Cr. Frames. F1

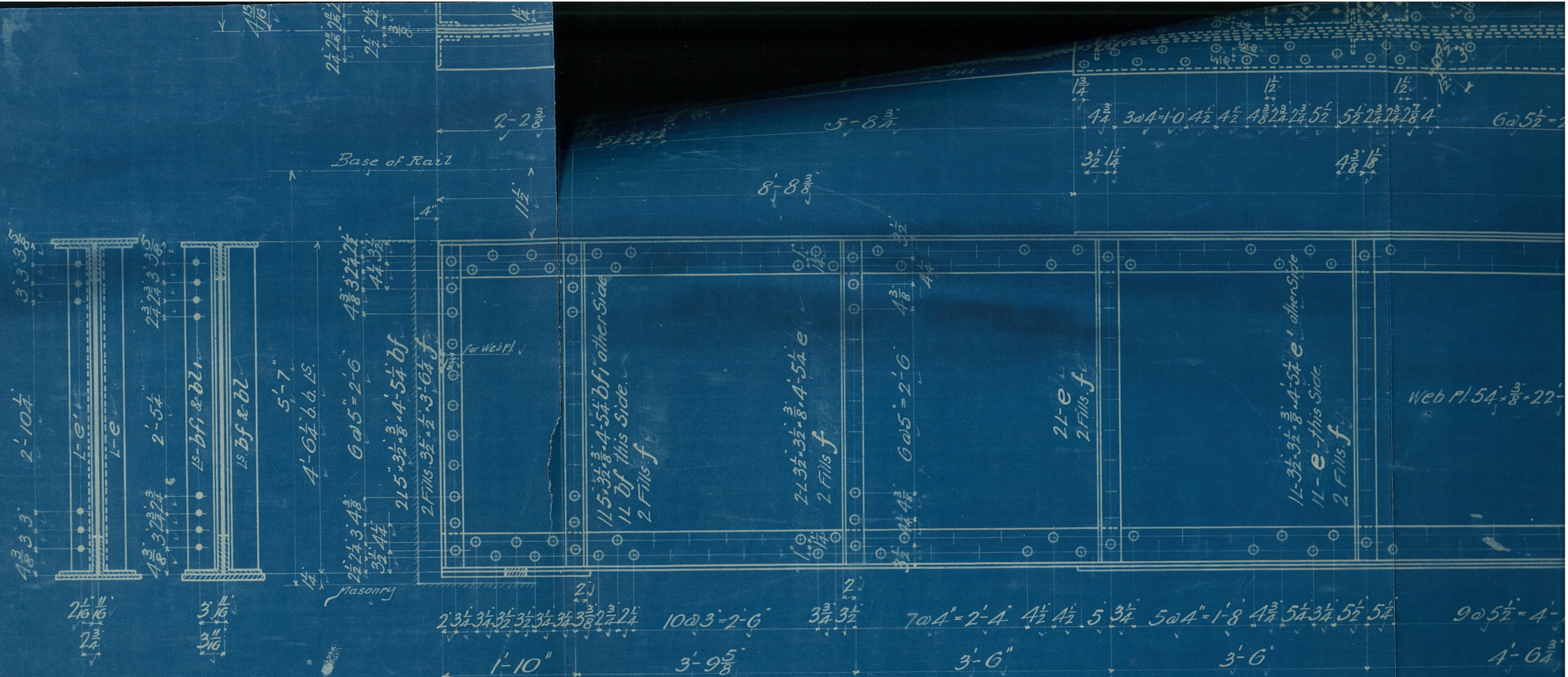
7'-5 5/8"
 8'-7 5/8"
 9'-4 5/8"
 3 1/2 3 1/2 4 1/2
 8 3/16
 3 1/16

10'-0" c.c. Girders.

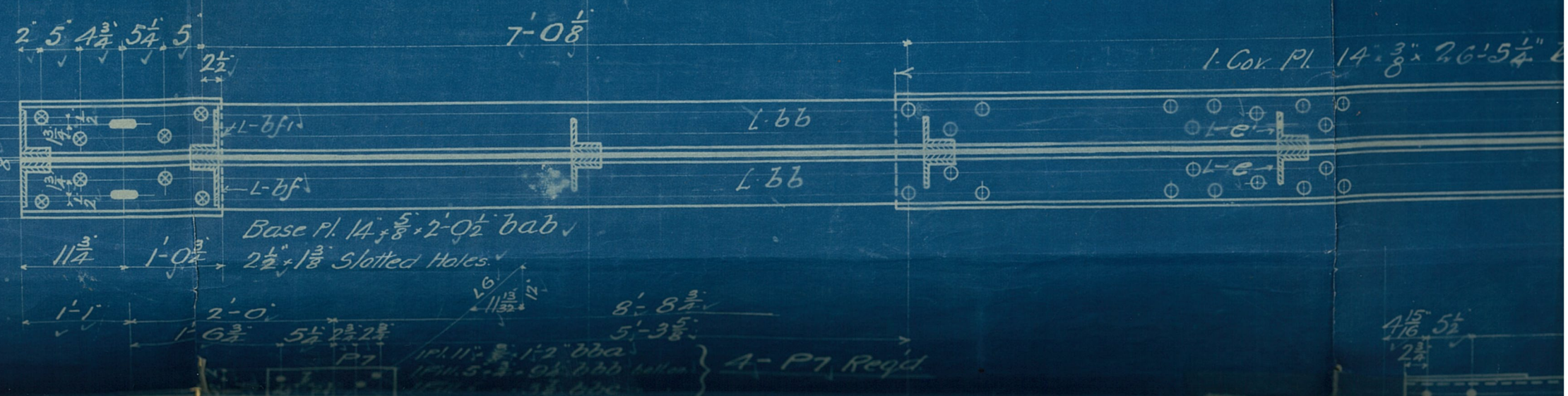
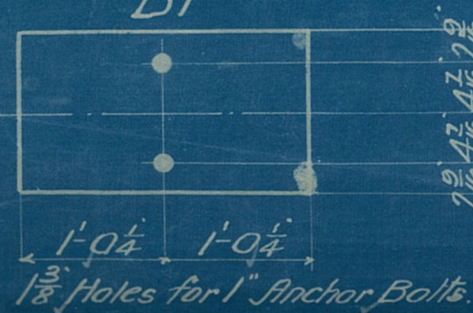
4'-6 1/2 bbb of Girders
 3'-2 1/4"
 2'-10 1/4"

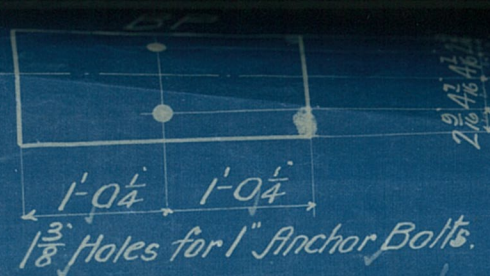
Rivets 7-8 in. diam.
Open Holes 15-16 in. diam.



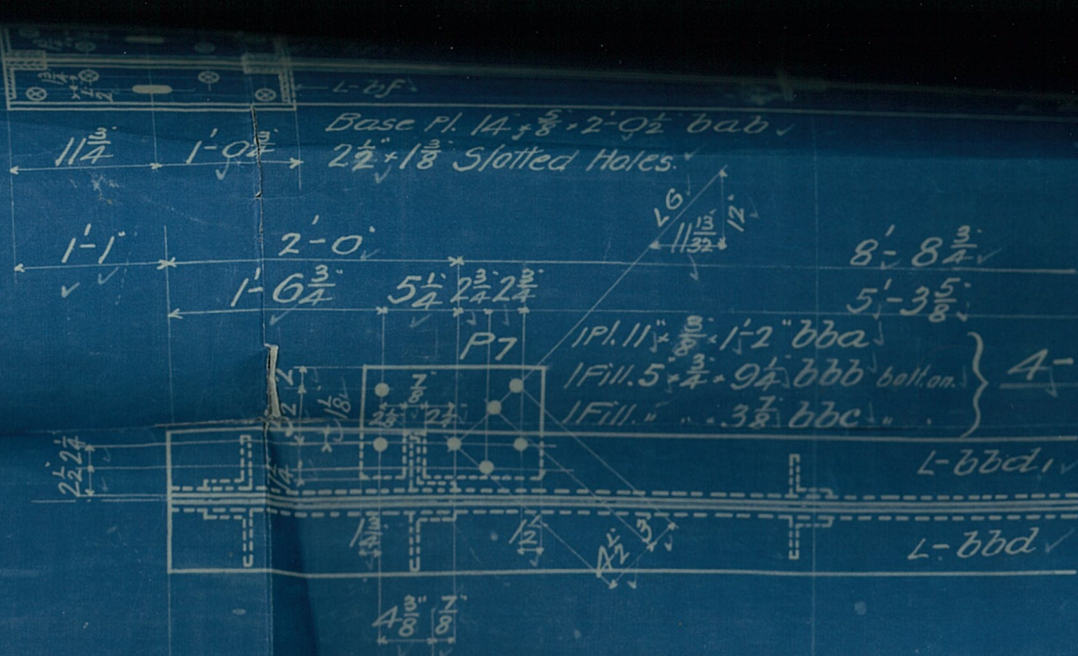


Reqd: 4 Bed Pls. $14 \times \frac{5}{8} \times 2'-0\frac{1}{2}"$
BP





1'-0 1/4" 1'-0 1/4"
1 3/8" Holes for 1" Anchor Bolts.



Base Pl. 14'-8\"/>

2'-0\"/>

1'-6 3/4\"/>

5'-2 3/4\"/>

1 Pl. 11'-8\"/>

1 Fill. 5'-3\"/>

1 Fill. \"... 3'-8\" bbb

4- P7 Req'd.

L-bbb ✓

L-bbb ✓

4'-8\"/>



4'-6 1/4\"/>

2 L-6 ✓
2 Fills. f.

11- bbf, other Side
11- bbf, this
2 Fills. f.

2 L-6 ✓
2 Fills. f.

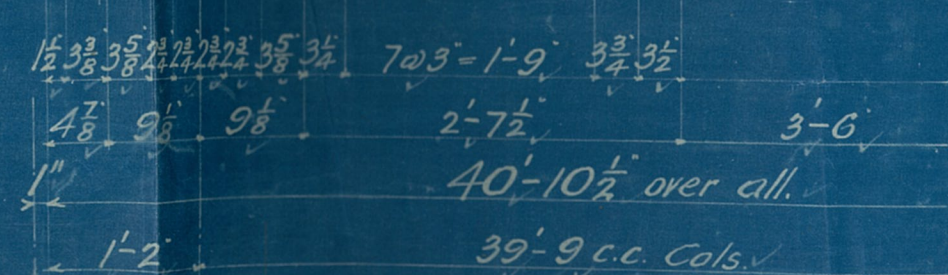
2 L 6-6-1/2-40-10 1/2 (bbd this Side.
bbd, other "

Req'd. 4 Girders G2 L ✓

Everything not given, same as for G1 L ✓

Web Pl. 54'-3\"/>

2 L 6-6-1/2-40-10 1/2 bbf ✓



1'-2\"/>

4'-8\"/>

9'-8\"/>

2'-7 1/2\"/>

3'-6\"/>

40'-10 1/2\"/>

39'-9 c.c. Cols. ✓

1'-2\"/>

5'-9 5/8\"/>

4'-8\"/>

3'-8\"/>



4'-6 1/4\"/>

4'-2 1/4\"/>

2'-5 1/4\"/>

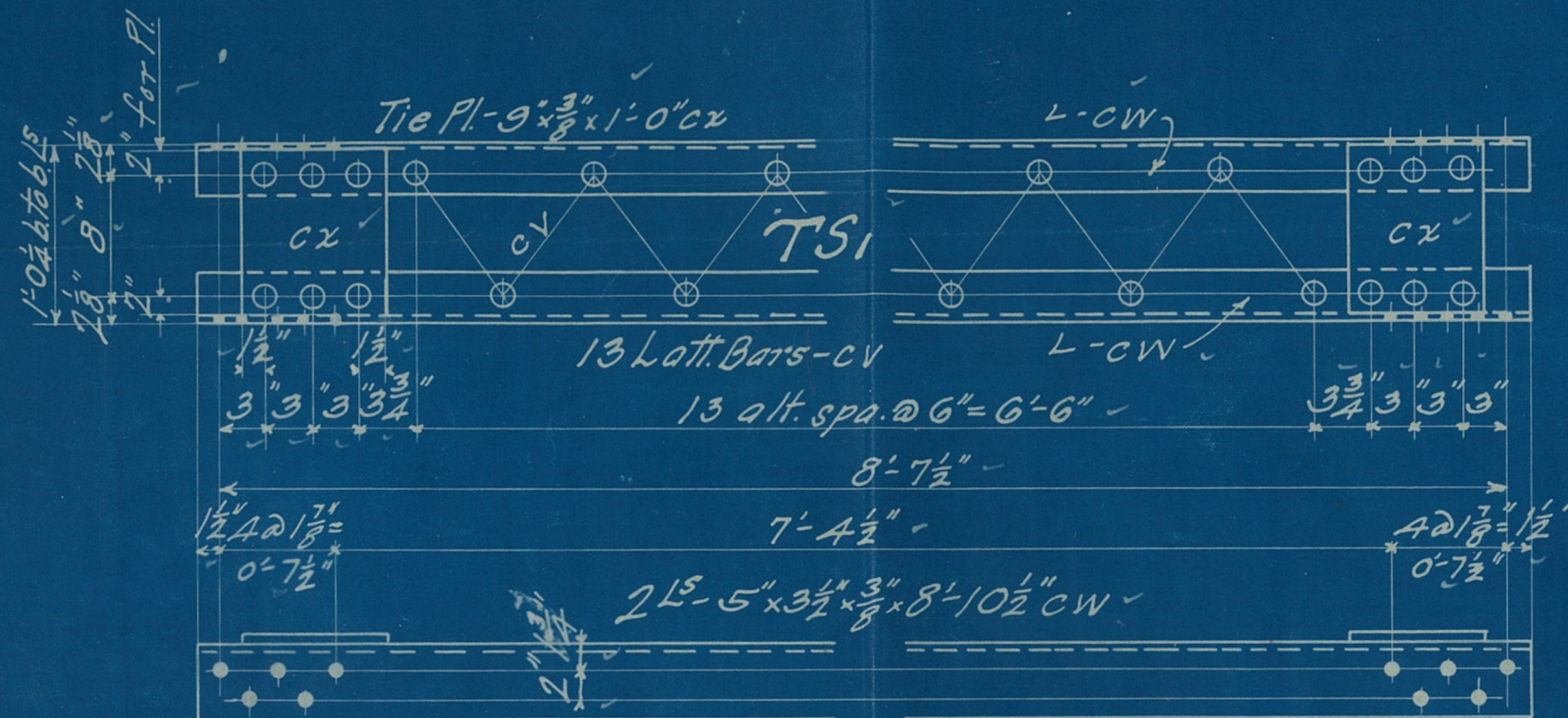
2'-3 1/2\"/>

2'-5 1/4\"/>

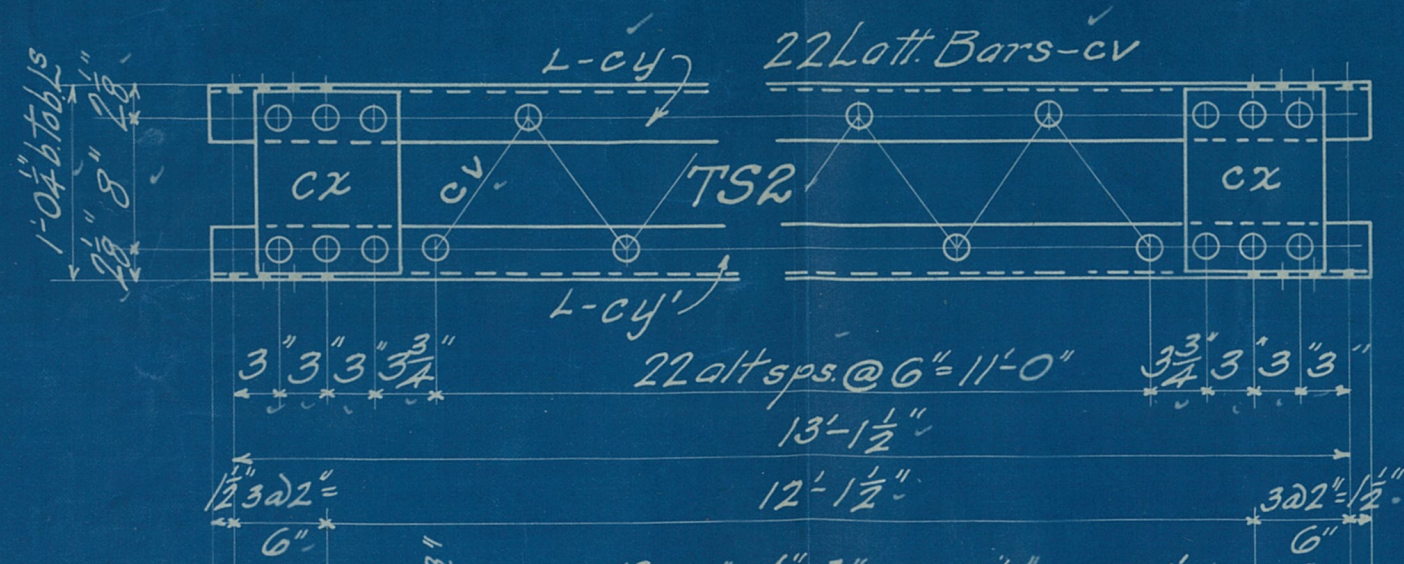
2'-3 1/2\"/>

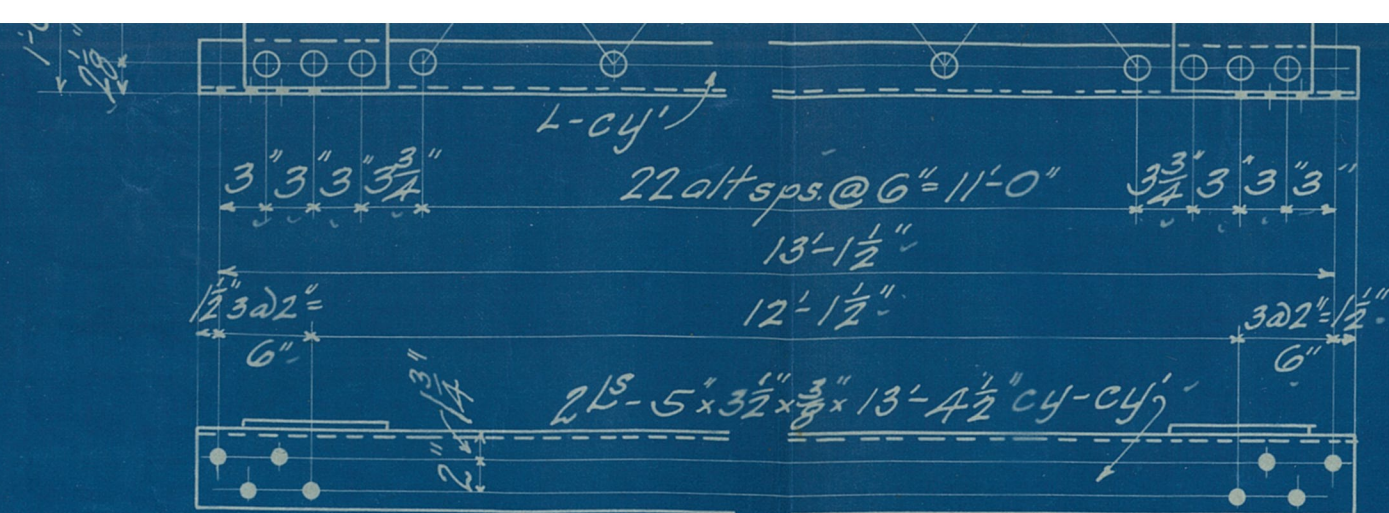
2'-5 1/4\"/>

2'-3 1/2\"/>

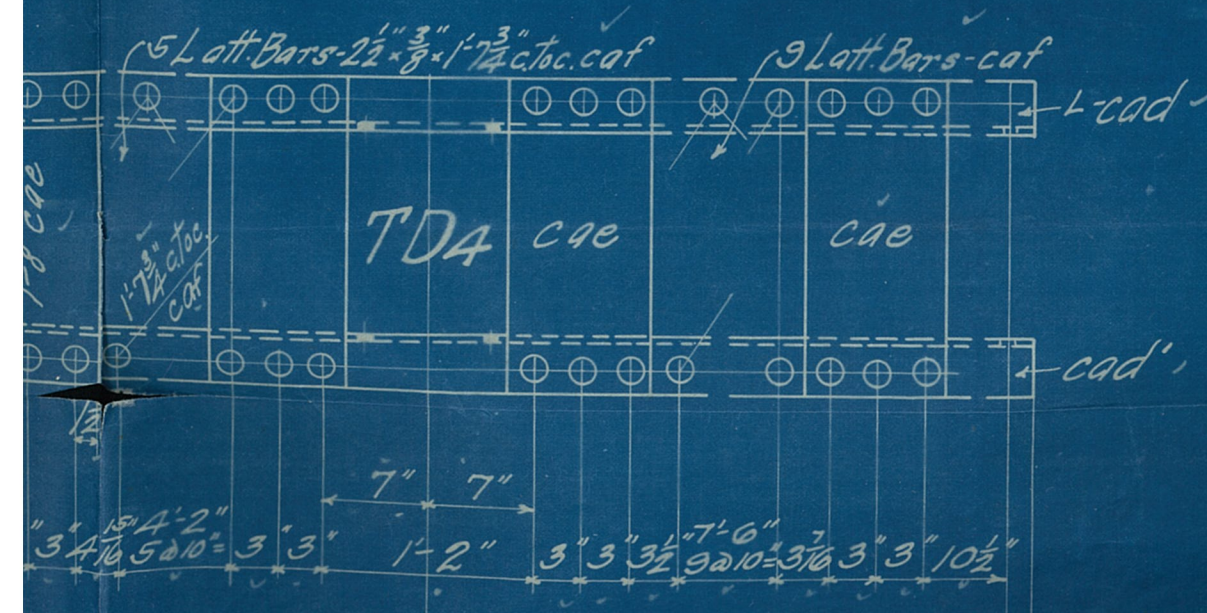


Make 4 Struts Mk: TS1



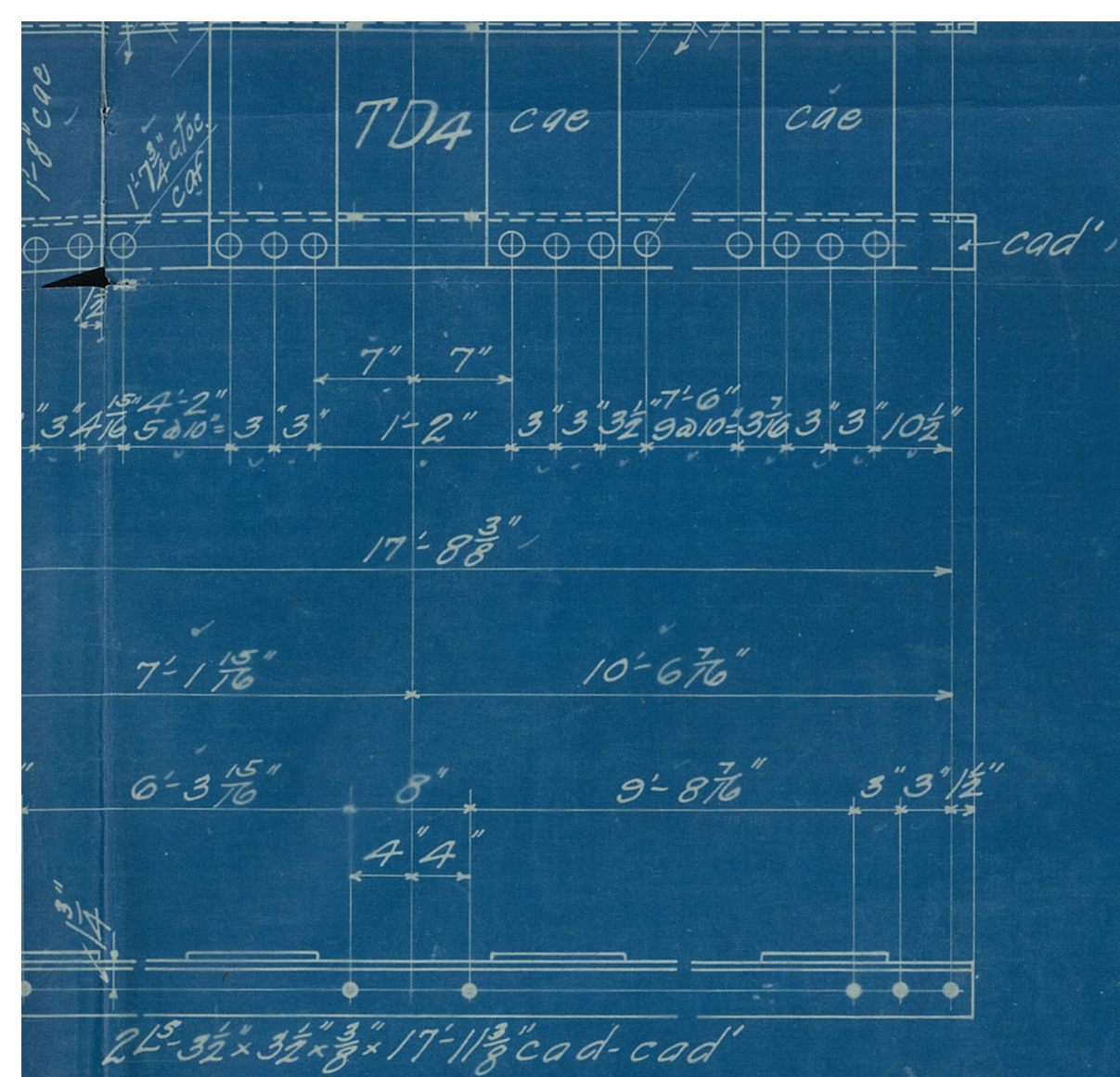


Make 4 Struts Mk: TS2



REQUIRED LIST:

✓ 8 Columns	Mk: C2
✓ 4 Struts	" TS1
✓ 4 "	" TS2
✓ 4 Diagonals	" TD3
✓ 4 "	" TD4
✓ 16 Plates	TR1



Make 4 Diag's. Mk: TD4

Approved 11.22.1901.
The Stulow Co.
J. Bergengren

Approved E. J. Morrison
Chief Draftsman.

PAINT:— One coat of raw linseed oil.

REQUIRED LIST.

✓ 8 Columns	Mk: C2
✓ 4 Struts	" TS1
✓ 4 "	" TS2
✓ 4 Diagonals	" TD3
✓ 4 "	" TD4
✓ 16 Plates	" TP3
✓ 16 "	" TP4
✓ 8 " (bolt to TD3)	" cab

A-44.74

27 1902

~~A155.49~~

Columns and Bracing.
Aroostook River Bridge,

Fish River Railroad,

BUILT BY

THE PENNSYLVANIA STEEL CO.,

Bridge & Construction Dep't,

Steelton, Pa.

Scale / in. to a foot. November 25 1901.

Made by: RWE.

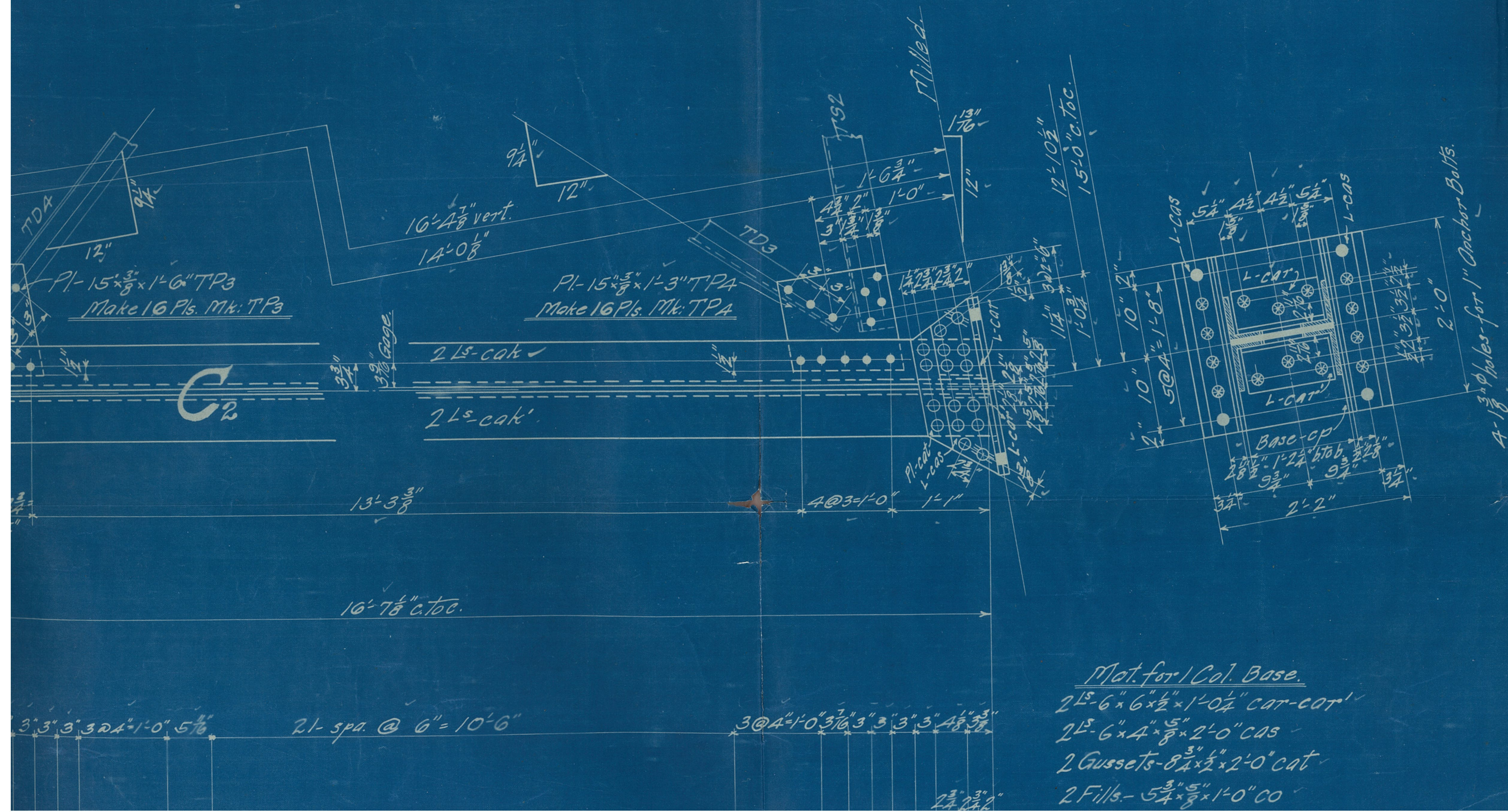
Traced by: RCB.

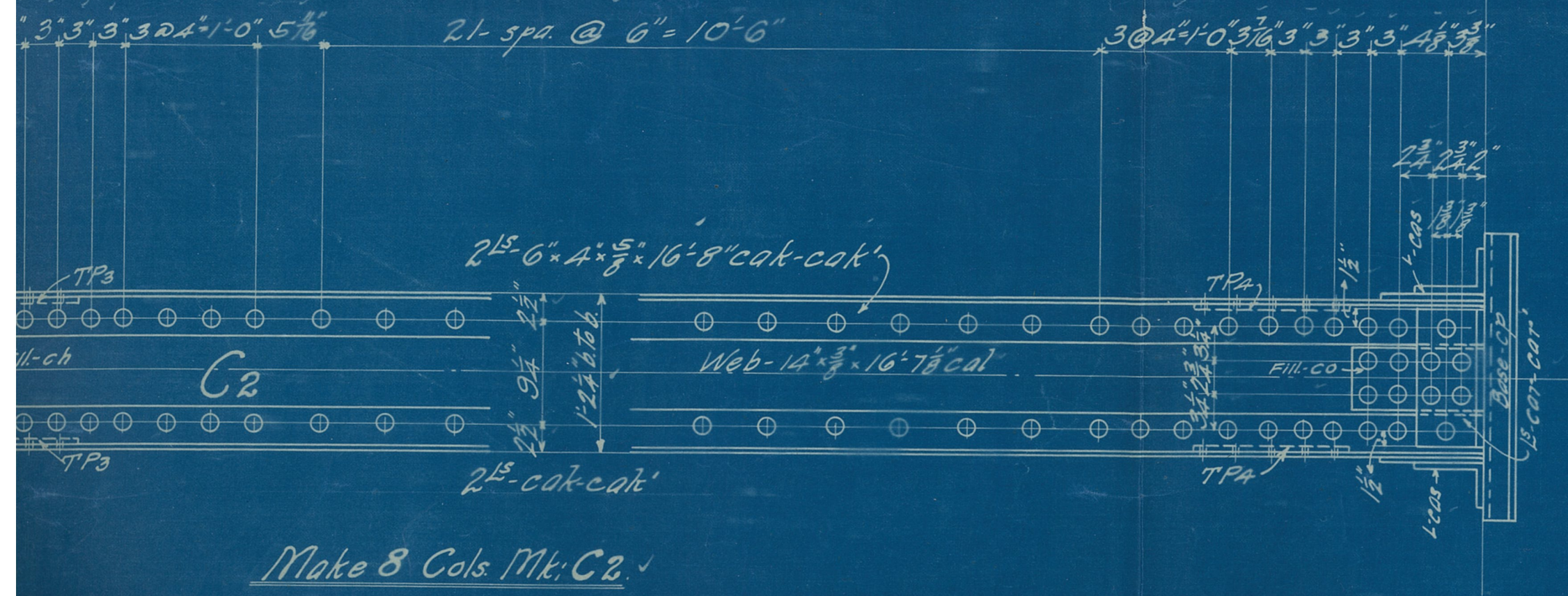
Checked by: C. B. M. Nov 26-01

Engr. in Charge: W. Bradshaw

Bill Sheets: 50-51

C 907
5





Mat. for 1 Col. Base.

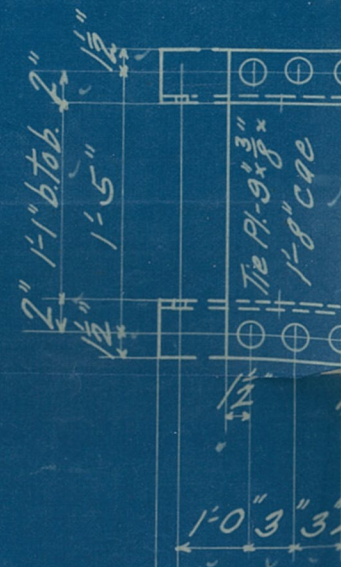
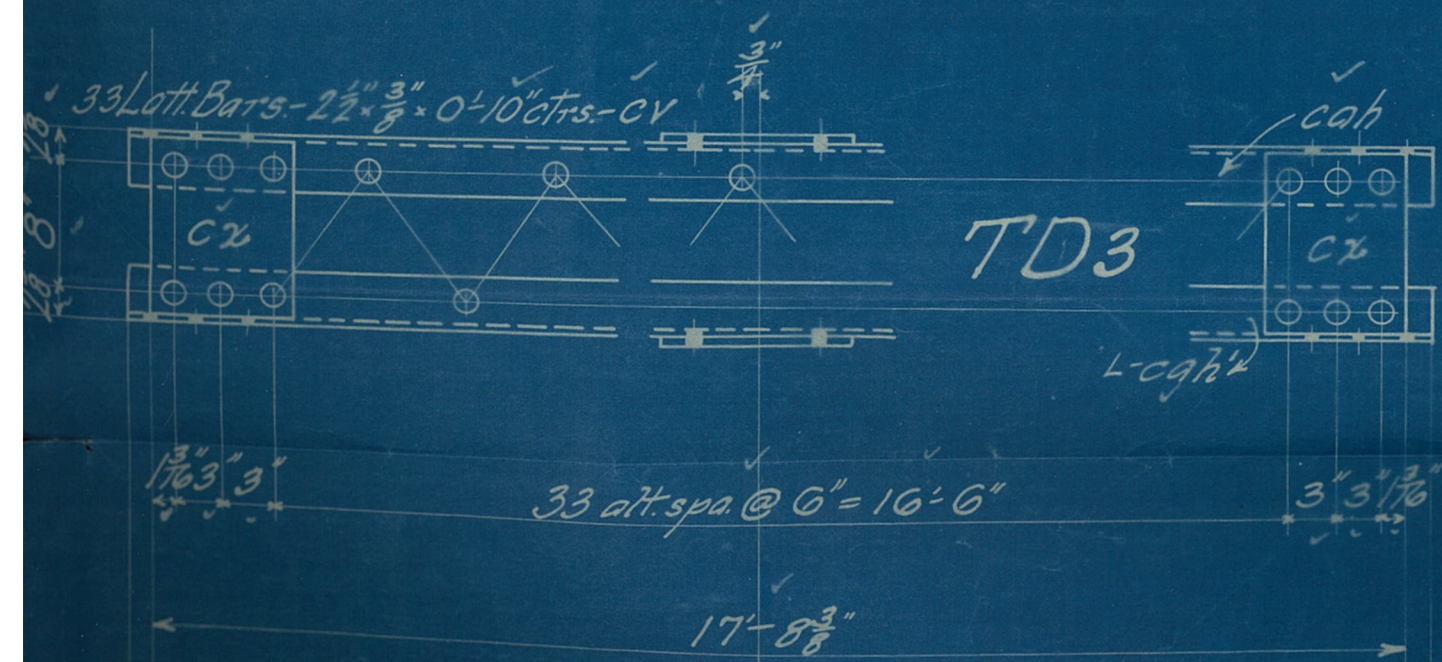
2 L-6" x 6" x 1/2" x 1'-0 1/4" cat-cat

2 L-6" x 4" x 5/8" x 2'-0" cas

2 Gussets-8 3/4" x 1/2" x 2'-0" cat

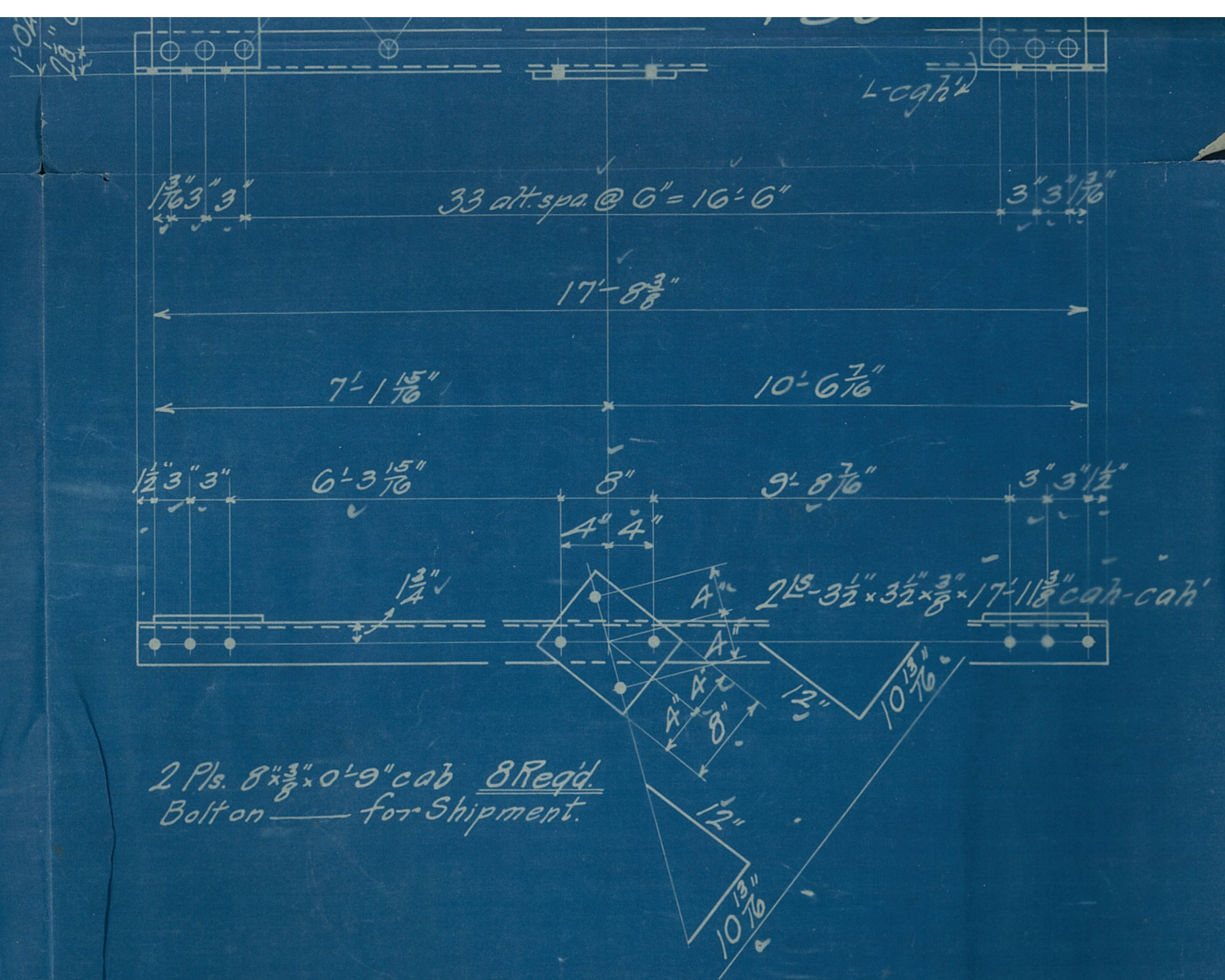
2 Fills-5 3/4" x 5/8" x 1'-0" co

1 Base Pl-24" x 3/4" x 2'-2" cp



Rivets 7-8 in. diam. ✓
Open Holes 15-16 in. diam. except where noted. ✓

Mat. for 1-Col. Top.
2 L^s-6" x 4" x $\frac{5}{8}$ " x 1'-0 $\frac{1}{2}$ " cam-cam' -



Prepared by: GNB

Contract No. 906

Drawing No. 3

Inspection, The S. J. L. Co.

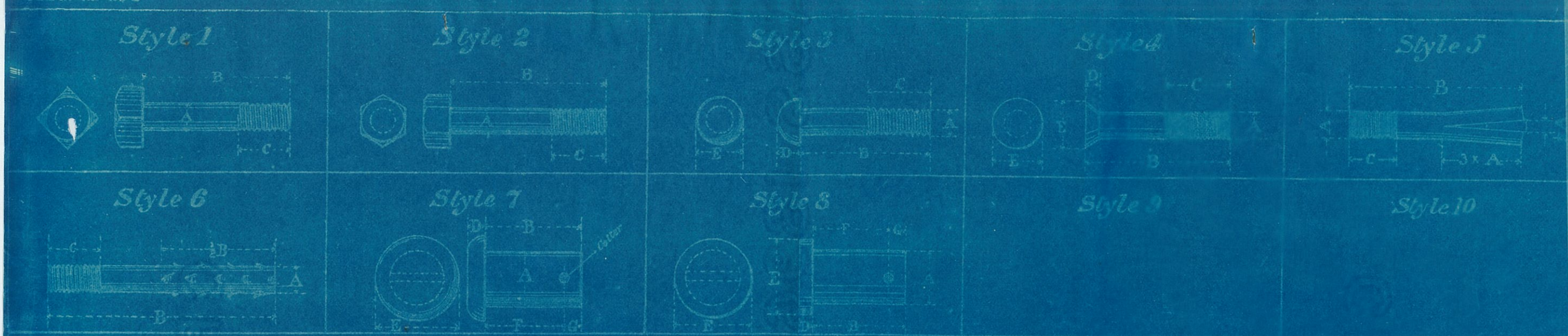
Approved 11.29.1901.

The Fuller Co.

Dr. J. Berggren

Steelton, Pa. Nov. 15th, 1901

Shipping Mark	Estim. Wt. 1 Bar	Number Required		MATERIAL ORDERED			Length C. to C. Pins	Length B. to B. Holes	EYE				EYE				REMARKS
		Bars	Tests	Width	Thick.	Length			Pin Hole	Diam.	Thick.	Add	Pin Hole	Diam.	Thick.	Add	
U0-L1		64 ✓		6"	1 1/16"		30'-3 13/16"	30'-9 5/8"	6 15/32"	15"	1 1/16"		5 7/32"	14"	1 1/16"		H-3365
U1-L2		32 ✓		6"	1 1/2"		30'-3 13/16"	30'-9"	5 7/32"	14"	1 1/2"		5 7/32"	14"	1 1/2"		
U2-L3		32 ✓		6"	1 5/16"		30'-3 13/16"	30'-9"	5 7/32"	14"	1 5/16"		5 7/32"	14"	1 5/16"		
U3-L3		16 ✓		4"	1"		30'-3 13/16"	30'-9"	5 7/32"	11"	1"		5 7/32"	11"	1"		
Test Bars																	
		1		6"	1 5/16"		30'-3 13/16"	30'-9"	5 7/32"	14"	1 5/16"		5 7/32"	14"	1 5/16"		H 3554
		1		4"	1"		30'-3 13/16"	30'-9"	5 7/32"	11"	1"		5 7/32"	11"	1"		
																	68-35(3)



Form No. 5 Prepared by: *SB*
 Checked by: *SB* 12-10-1901
 Contract No. 906
 Drawing No. 8

A158.49
 Approved 11.29.1901.
 The Stulen Co.
 per J. Bergengren.

THE PENNSYLVANIA STEEL CO.
 ENGINEER'S OFFICE
 Bridge and Construction Department
 PENNSYLVANIA STEEL COMPANY

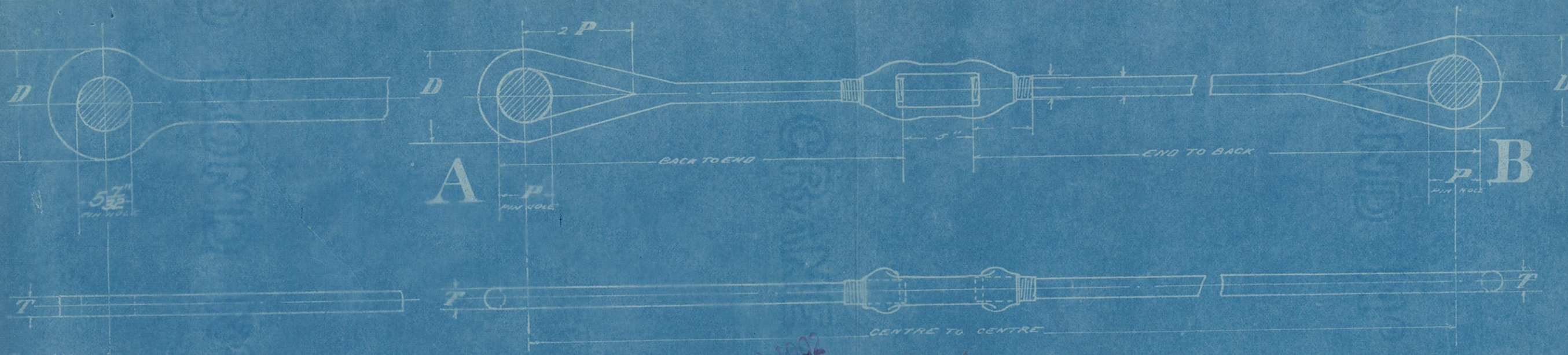
Material,
 Inspection, *The Stulen Co.*

Steelton, Pa. Nov. 22^d 1901.

Bill of Bolts for 4-150'-0" Spans, Aroostook River Bridge, Fish River R.R.

Shipping Mark	Number Required	MATERIAL ORDERED			Style Number	Rough or Finished	BOLTS								NU		REMARKS
		No. Pcs.	Diam.	Length			A Diam.	B Length	C Thread	D Thick Hd.	E Diam. Hd.	F	G	H Cutter	Number Required	Kind	
<i>A</i>	<i>48</i>				<i>6</i>	<i>R</i>	<i>1 1/4"</i>	<i>1'-5"</i>	<i>3"</i>			<i>}x</i>			<i>48</i>	<i>Hex</i>	<i>1/4</i> X

68-35 (6)



(Form 1.)

Contract No. 906
 Drawing No. 4
 Material, Soft Steel
 Inspection, The Stulen Co.

Prepared by: S.W.B.
 Checked by: G.B.M. 11/15/01

JUN 8 1902
A-44.74
 Approved 11.29.1901.
 The Stulen Co.
 per J. S. Dergeneau

ENGINEER'S OFFICE
 Bridge and Construction Department
 PENNSYLVANIA STEEL COMPANY,

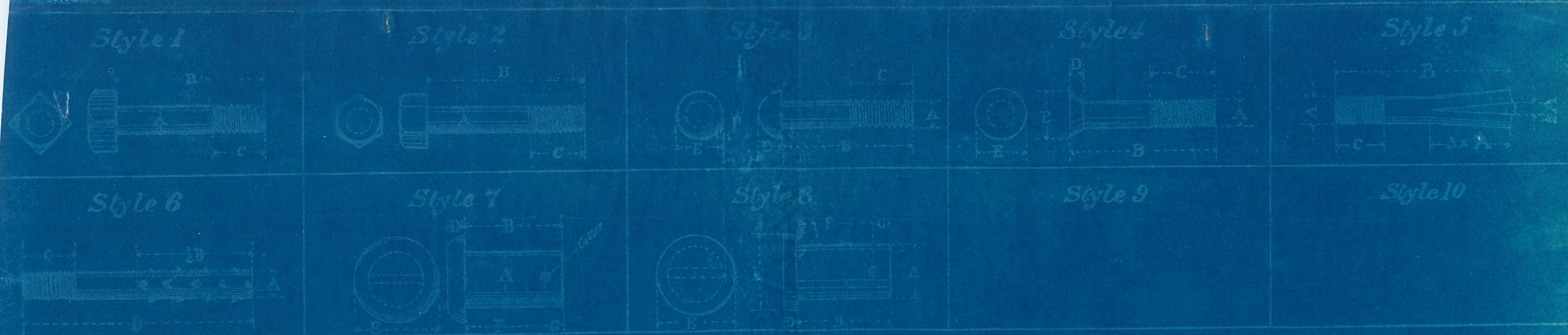
Steelton, Pa. Nov. 15th. 1901

Bill of Adjustable Eye Bars for 4-150'-0" Spans

Shipping Mark	Number Required	MATERIAL ORDERED			O to C Length	EYE "A" (Short End)				EYE "B" (Long End)				UPSETS			A Back to End	B Back to End	Right or Left Thread	Cleveland Turnbuckles
		Length	Width	Thick		Pin Hole	D	T	Add	Pin Hole	D	T	Add	Diameter	Length	Add Subtract				
L1-U2	16		4"	1 1/8"	30'-3 13/16"	5 7/32"	11"	1 1/8"		5 7/32"	11"	1 1/8"		3" ✓	7"		8'-0"	22'-4"	R&L	16 ✓
L2-U3	16		4"	1 1/2"	30'-3 13/16"	5 7/32"	11"	1 1/2"		5 7/32"	11"	1 1/2"		3 1/2" ✓	7 1/2"		8'-0"	22'-4"	R&L	16 ✓
L3-U3	8		4"	1"	30'-3 13/16"	5 7/32"	11"	1"		5 7/32"	11"	1"		2 3/4" ✓	7"		6'-6"	23'-10"	R&L	8 ✓
L3-U3	8		4"	1"	30'-3 13/16"	5 7/32"	11"	1"		5 7/32"	11"	1"		2 3/4" ✓	7"		8'-0"	22'-4"	R&L	8 ✓

H-3365

68-35 (4)



Form No. 5
 Prepared by: *QVB*
 Checked by: *QVB* 12-10-1901
 Contract No. *907*
 Drawing No. *3*

DEC 20 1901

Material,

Inspection, *The Stulen Co.*

Approved 11.29.1901.
The Stulen Co.
for J. Bergengren

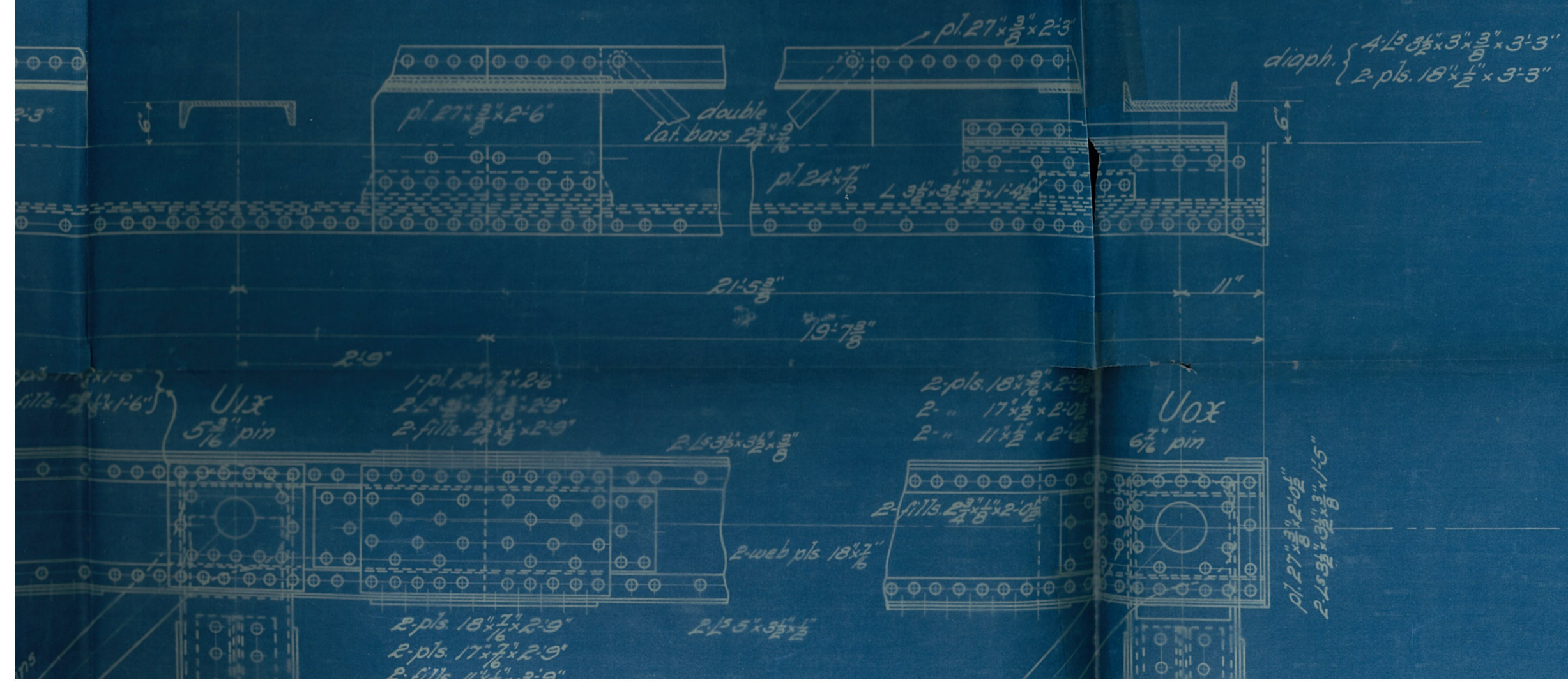
ENGINEER'S OFFICE
 Bridge and Construction Department
 PENNSYLVANIA STEEL COMPANY

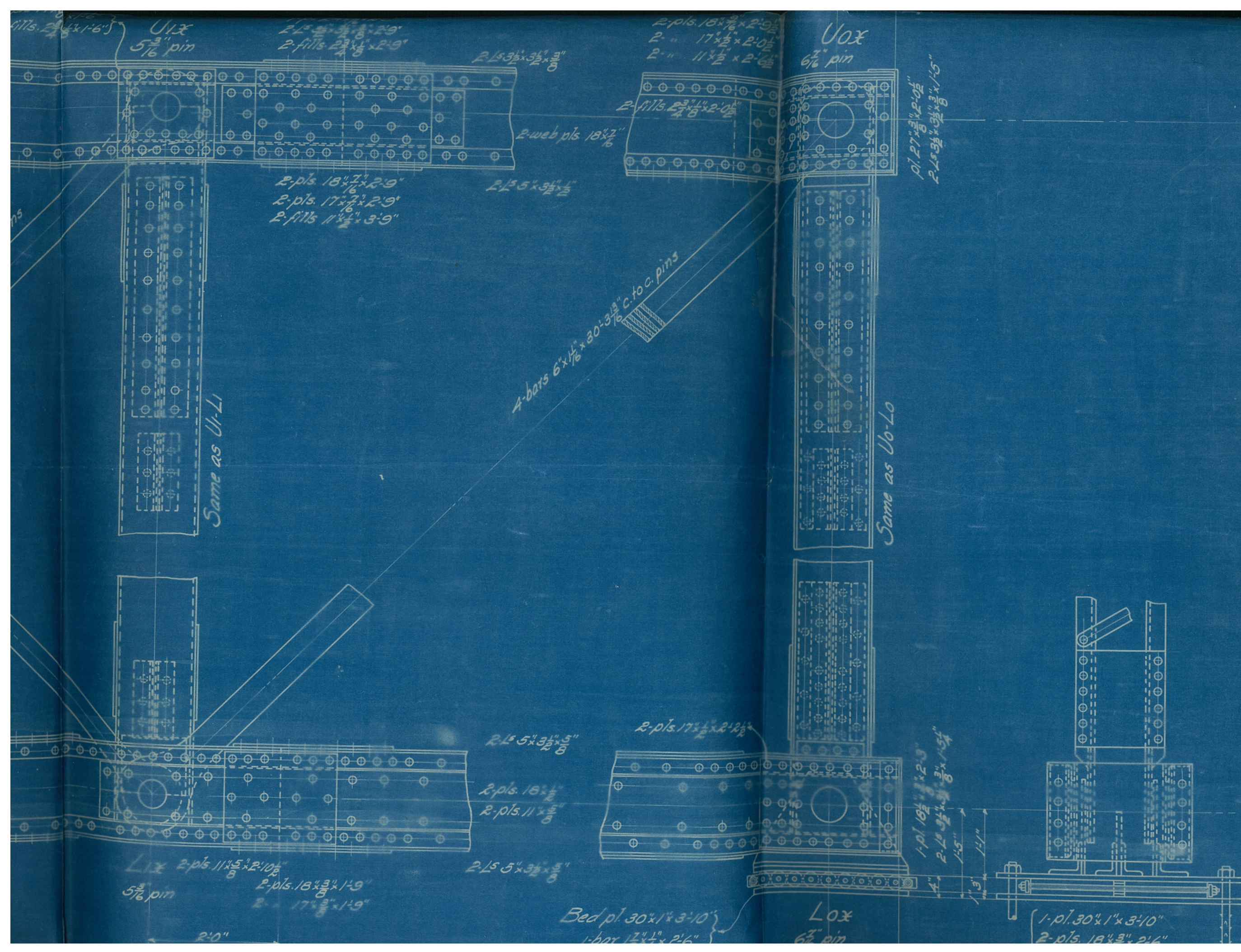
Steelton, Pa. Nov. 22^d 1901

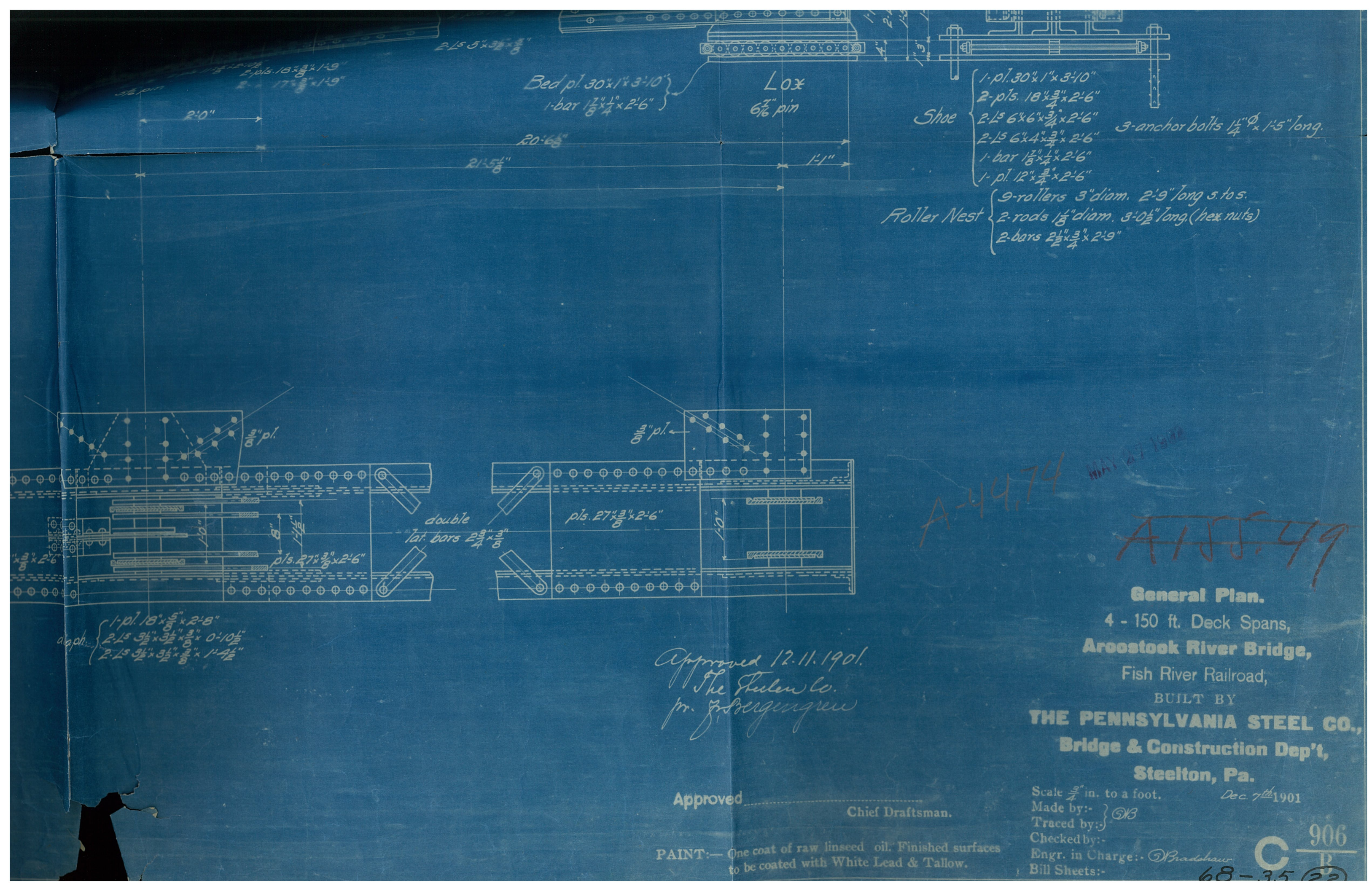
Bill of Bolts for Girders & Columns, Arcostook River Bridge, Fish River R.R.

BOLTS														NUTS			REMARKS	
Shaping Mark	Number Required	MATERIAL ORDERED			Style Number	Rough or Finished	A	B	C	D	E	F	G	H	Number Required	Kind		Tapped
		No. Pcs.	Diam.	Length			Diam.	Length	Thread	Thick Hd.	Diam. Hd.			Cutter				
A1	8				6	R	1"	1 1/4"	3"	} X					8	Hex.	1"	Girders
A2	32				6	R	1"	1 1/4"	3"							32	"	1"

68-35 (10)







Approved 12.11.1901.
The Shuler Co.
per J. Bergengren

Approved _____ Chief Draftsman.

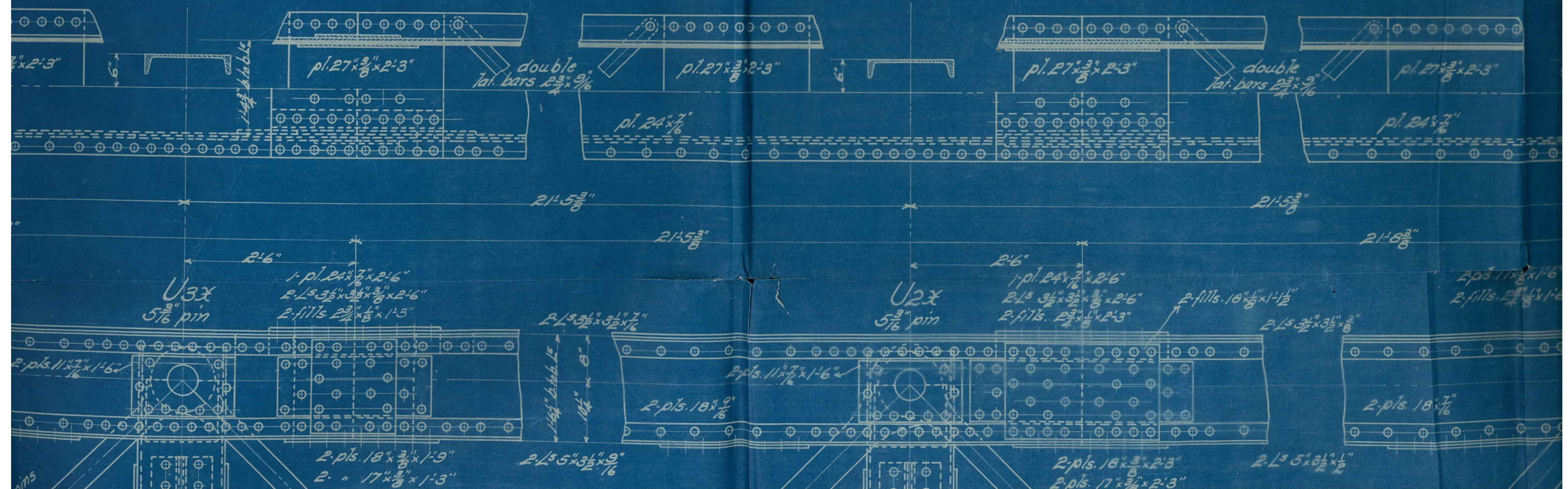
PAINT:— One coat of raw linseed oil. Finished surfaces to be coated with White Lead & Tallow.

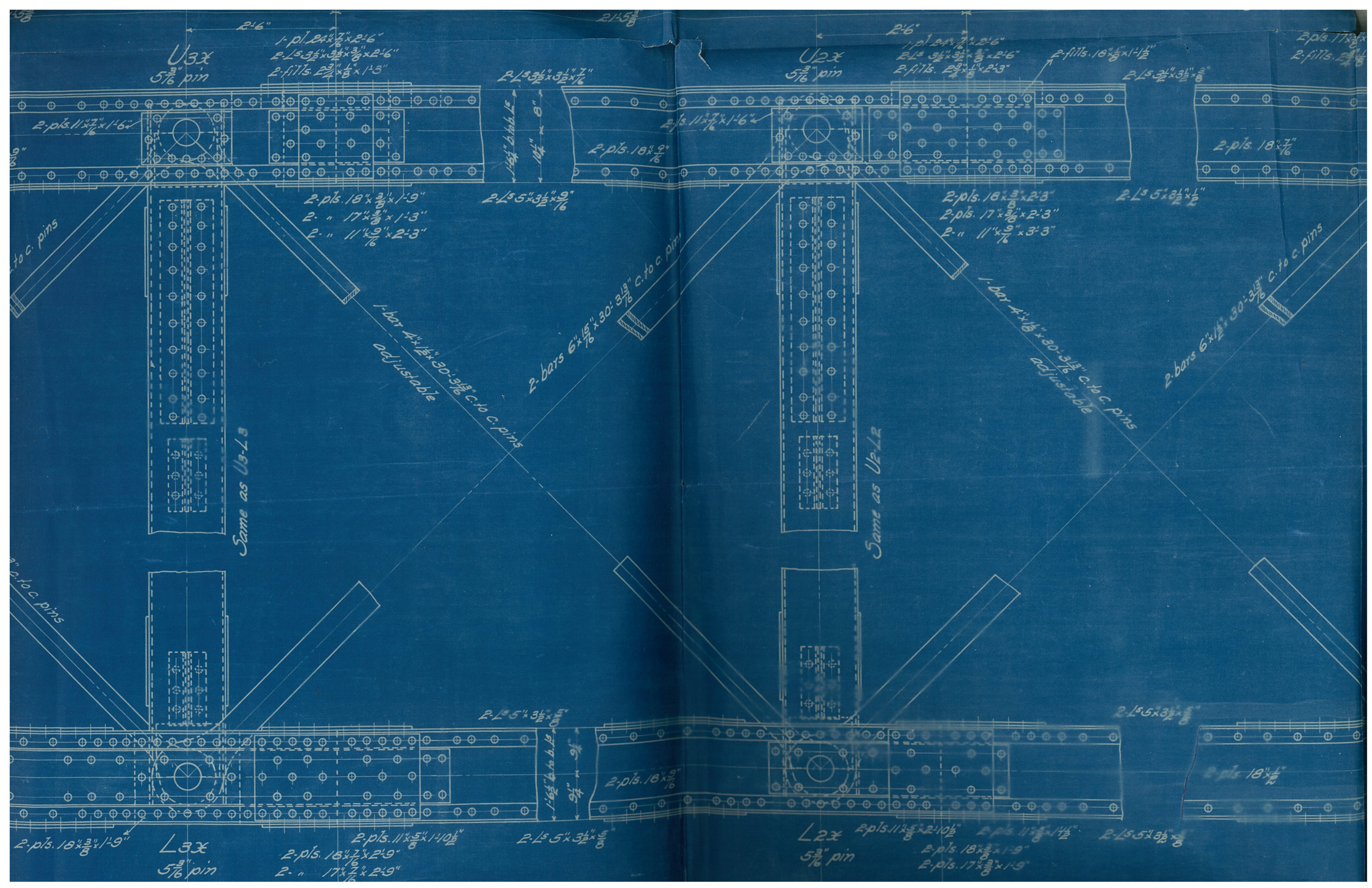
General Plan.
4 - 150 ft. Deck Spans,
Arcostook River Bridge,
Fish River Railroad,
BUILT BY
THE PENNSYLVANIA STEEL CO.,
Bridge & Construction Dep't,
Steelton, Pa.

Scale $\frac{3}{4}$ " in. to a foot. Dec. 7th 1901

Made by: }
Traced by: }
Checked by: }
Engr. in Charge: }
Bill Sheets: }

906
C B
68-35 (22)





5 3/16" pin

2' - 17 1/2" x 2' 9"

2' 6"

20' 11 1/8"

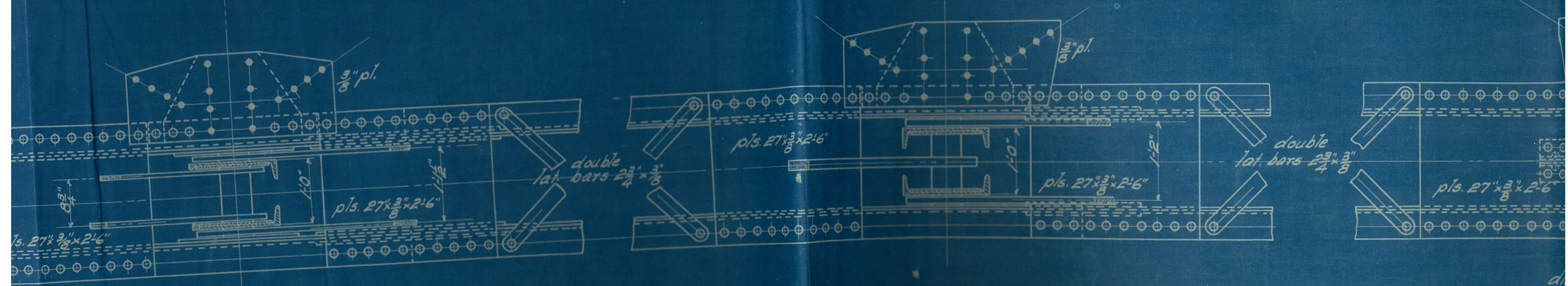
2' 0"

21' 5 1/8"

21' 2 1/8"

21' 5 1/8"

7 Panels at 21' 5 1/8" - 149' 11 7/8" C. to C. End Pins



Rivets 7-8 in. diam.
Open Holes 15-16 in. diam.

