

PLAN OF CATWALKS & PLATFORMS AT TOP CHORD

See erection plan No E10 for Trusses.
 All erection marks are in red paint
 See erection diagram E7 Contract 6204 for notes
 on field painting
 Grating detailed on sheets #50 & 58 Contract 6200

P.W.A. DOCKET No. O.H. 1756-F

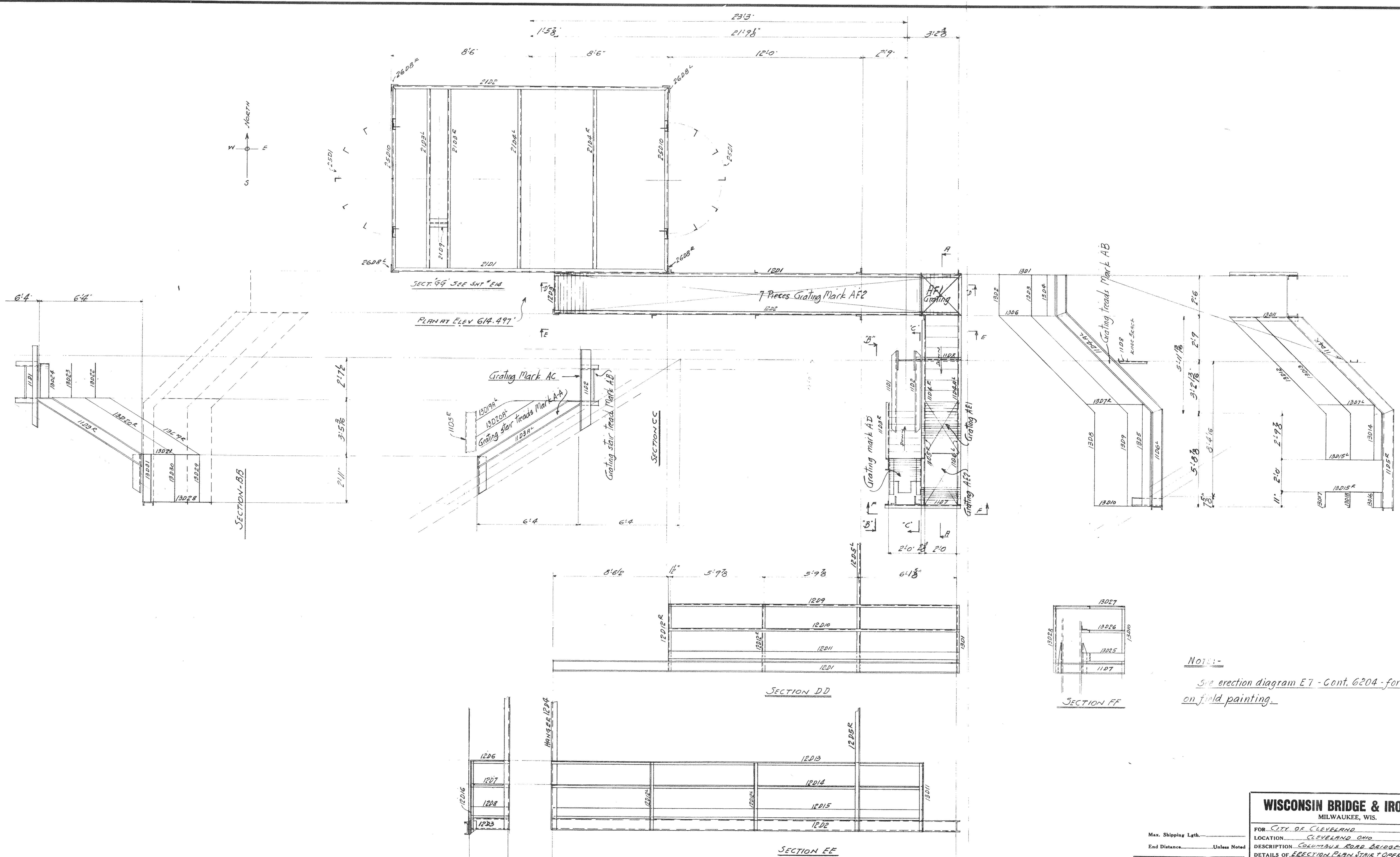
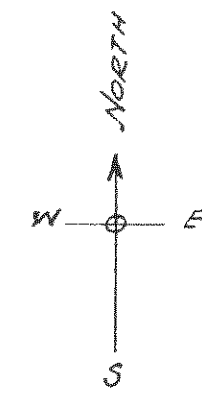
WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

Max. Shipping Lgth.
 End Distance..... Unless Noted

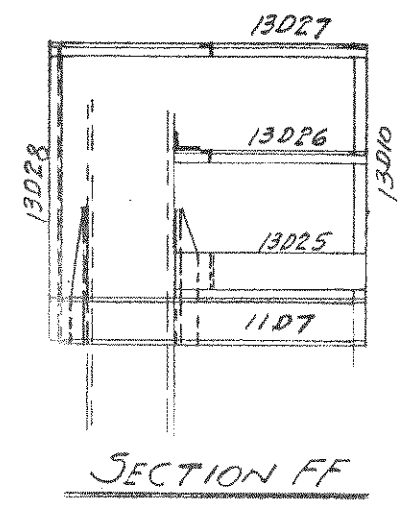
Date				
Revised				

A									
B									
C									
D									
E									
F									
G									
H									
I									
J									

FOR CITY OF CLEVELAND, OHIO
 LOCATION CLEVELAND, OHIO
 DESCRIPTION COLUMBUS ROAD BRIDGE
 DETAILS OF ERECTION PLAN OF CATWALKS- TOP CHORD
 SPECIFICATIONS OHIO STATE REAMING
 INSPECTED BY.....ERECTED BY.....
 SHOP PAINT
 FIELD PAINT
 MADE BY H. Schlegel DATE 10-11-39 RIVETS.....
 TRACED BY..... DATE..... OPEN HOLES.....
 CHECKED BY P. W. A. DATE 2-17-49 UNLESS NOTED
 SCALE..... SHEET No. E12
 SECTION..... CONT. No. 6200



NOTE:-
See erection diagram E7 - Cont. 6204 - for notes on field painting.



WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

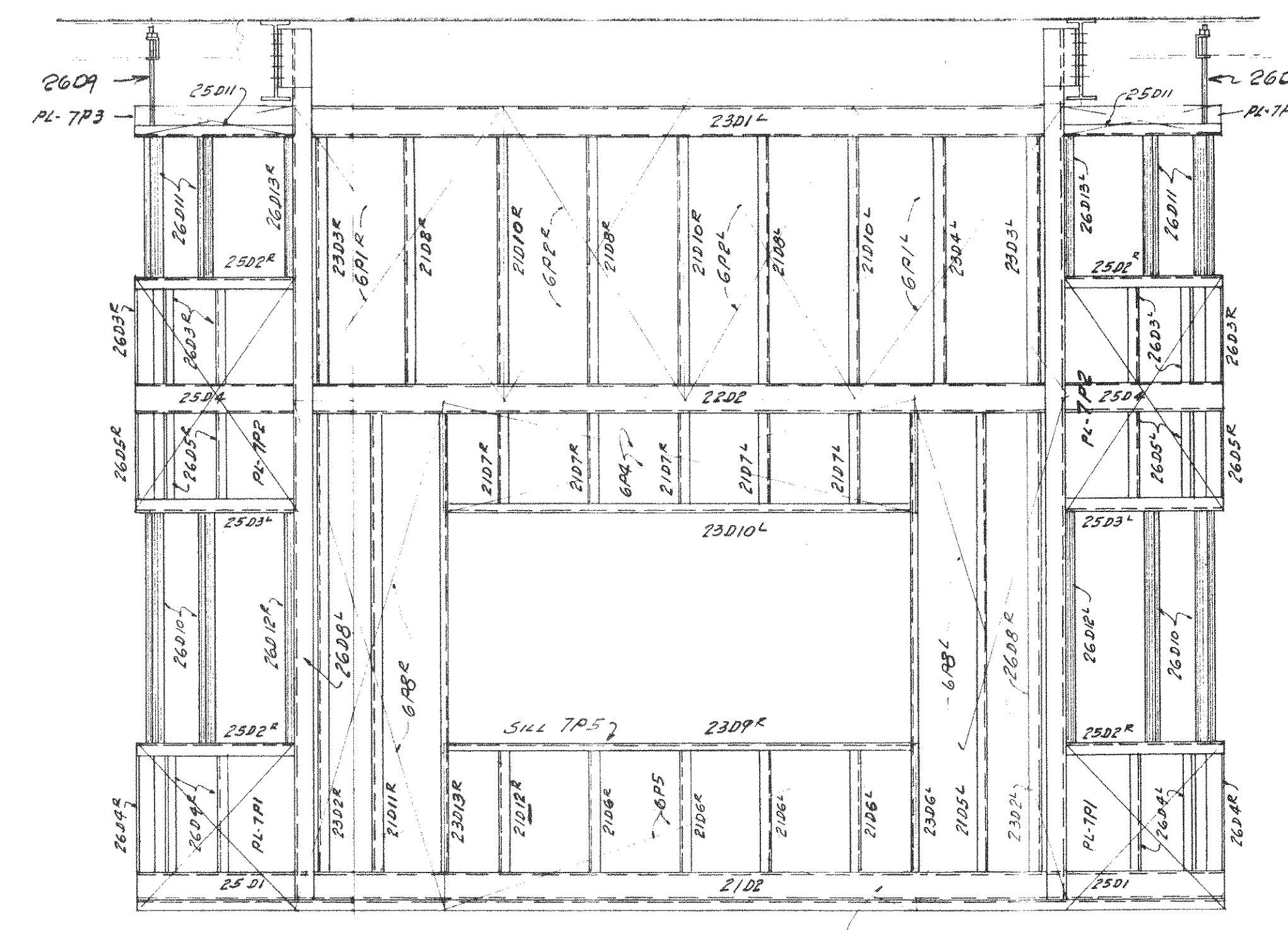
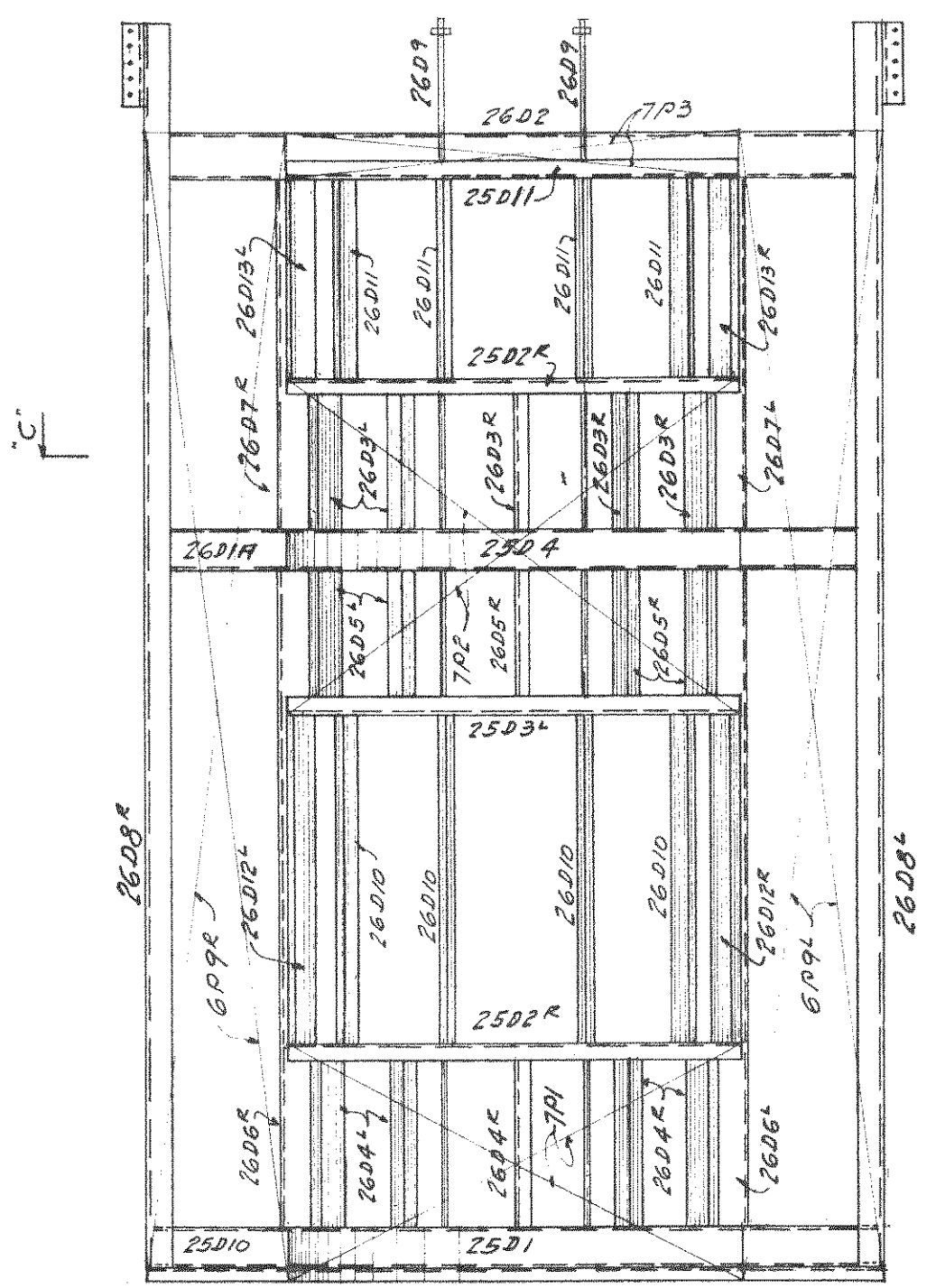
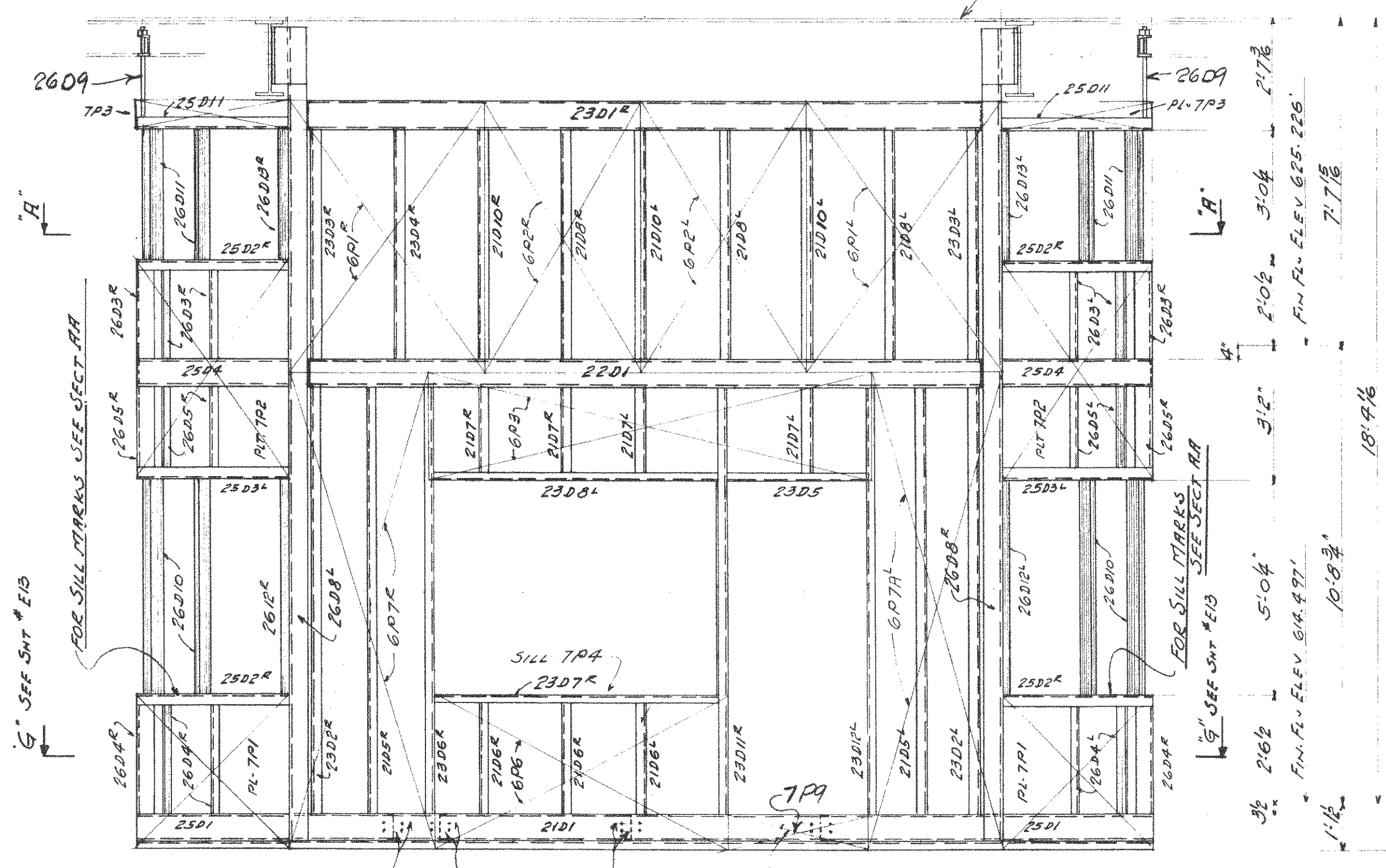
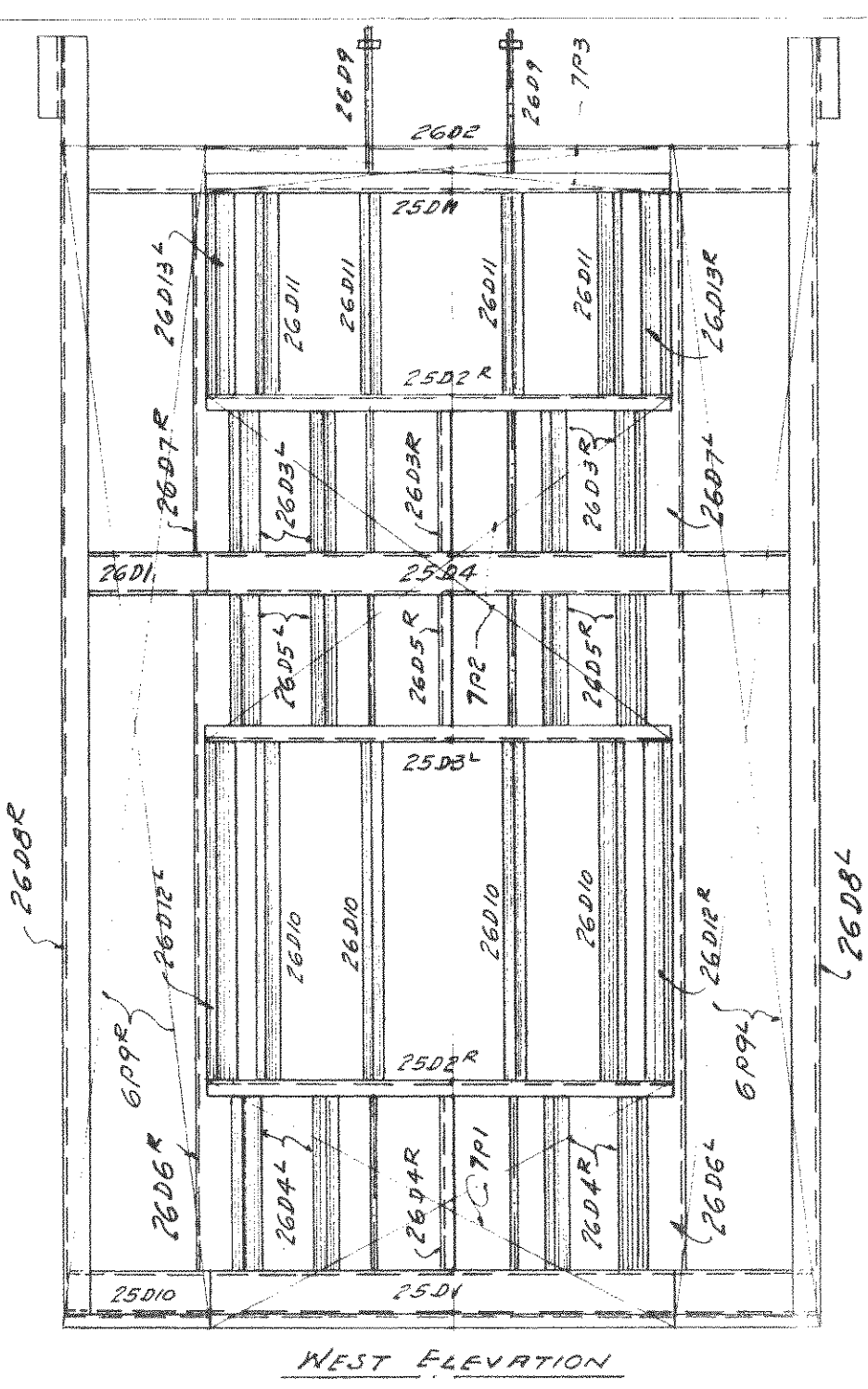
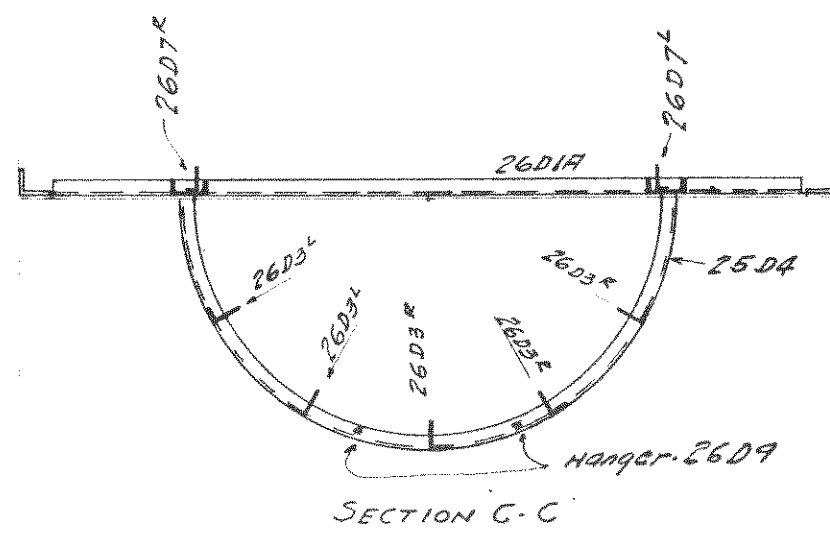
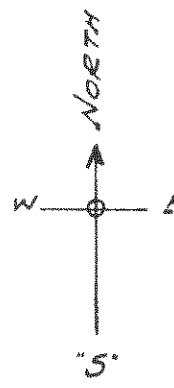
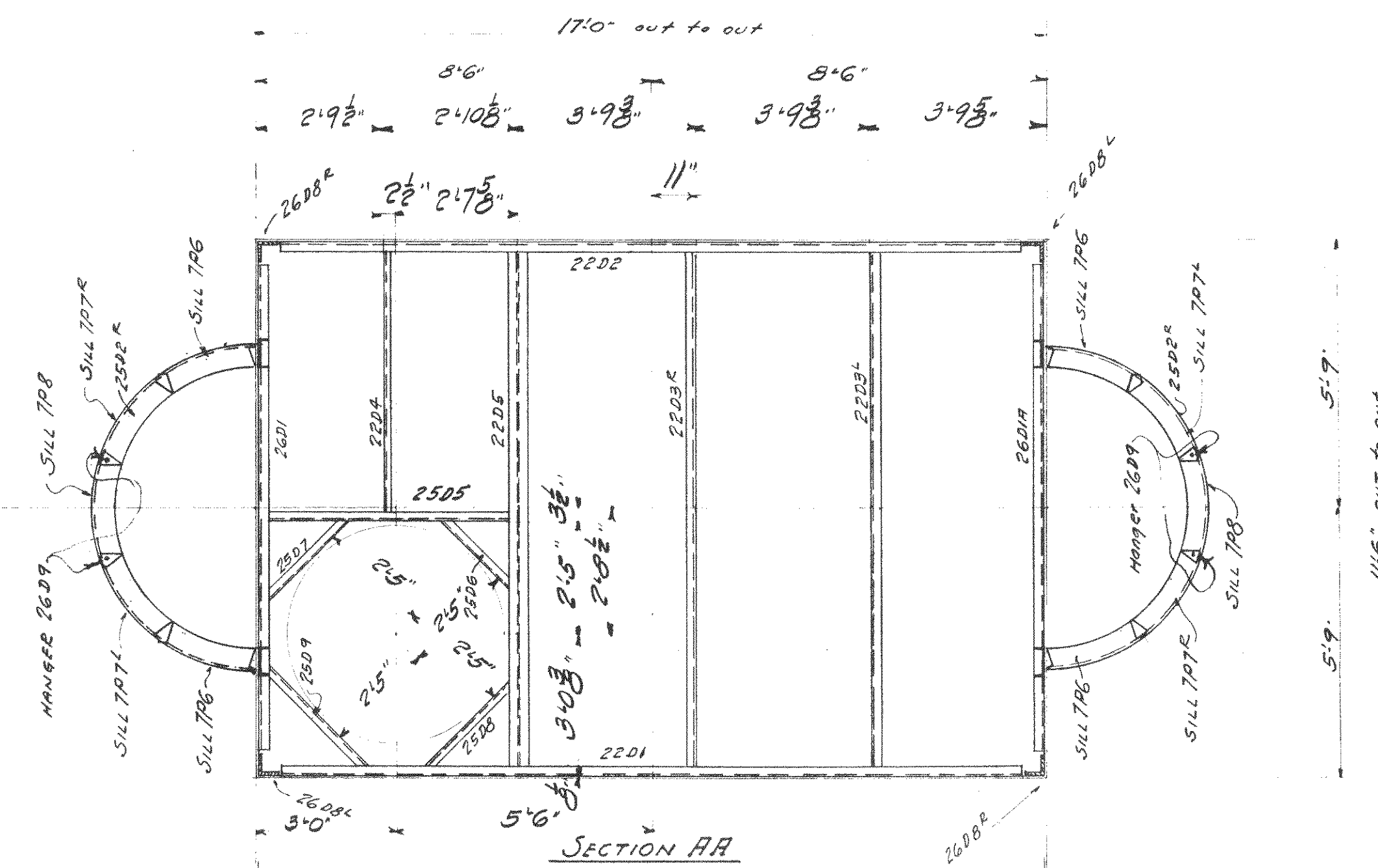
FOR CITY OF CLEVELAND, OHIO
LOCATION COLUMBUS ROAD BRIDGE
DESCRIPTION DETAILS OF ERECTION PLAN WITH OPERATORS HOLES

DATE _____
REVISION _____

MADE BY R. S. M. DATE 6-3-39 RIVETS _____
TRACED BY _____ DATE _____ OPEN HOLES _____
CHECKED BY M. G. O. DATE 6-3-39 UNLESS NOTED _____
SCALE 3/8" = 1'-0" SHEET No. E13

SECTION C CONT. No. 6200

Date					
Revised					
1	a	b	c	d	e
2	f	g	h	i	j
3	k	l	m	n	o
4	p	q	r	s	t
5	u	v	w	x	y
6	z				



SOUTH ELEVATION
LOOKING NORTH

EAST ELEVATION

NORTH ELEVATION
LOOKING SOUTH

Siding Plates on Contract #6211
Structural Steel on Contract #6200

ERECTOR SEE NOTE FOR FIELD CONN.

ERECTOR NOTE! - DRIVE THESE RIVETS TO 1/4\"/>

NOTE:-
Where joints occur at structural members on outside of house, weld cor-ten plate with $\frac{5}{8}$ " x $\frac{3}{4}$ " welds 6" ctrs and grind smooth. Make water tight by filling with high grade caulking compound. On inside of house at structural members, weld cor-ten plate with $\frac{5}{8}$ " x $\frac{3}{4}$ " welds 6" alt ctrs. Window mullions to be welded to sills & headers with $\frac{5}{8}$ " x $\frac{3}{4}$ " welds and ground smooth. Make water tight by caulking. For Sections see Engineers Drawgs. # 17-32 and 17-35
Bolts for holding cor-ten plate in position must be removed & holes plug welded & ground smooth.

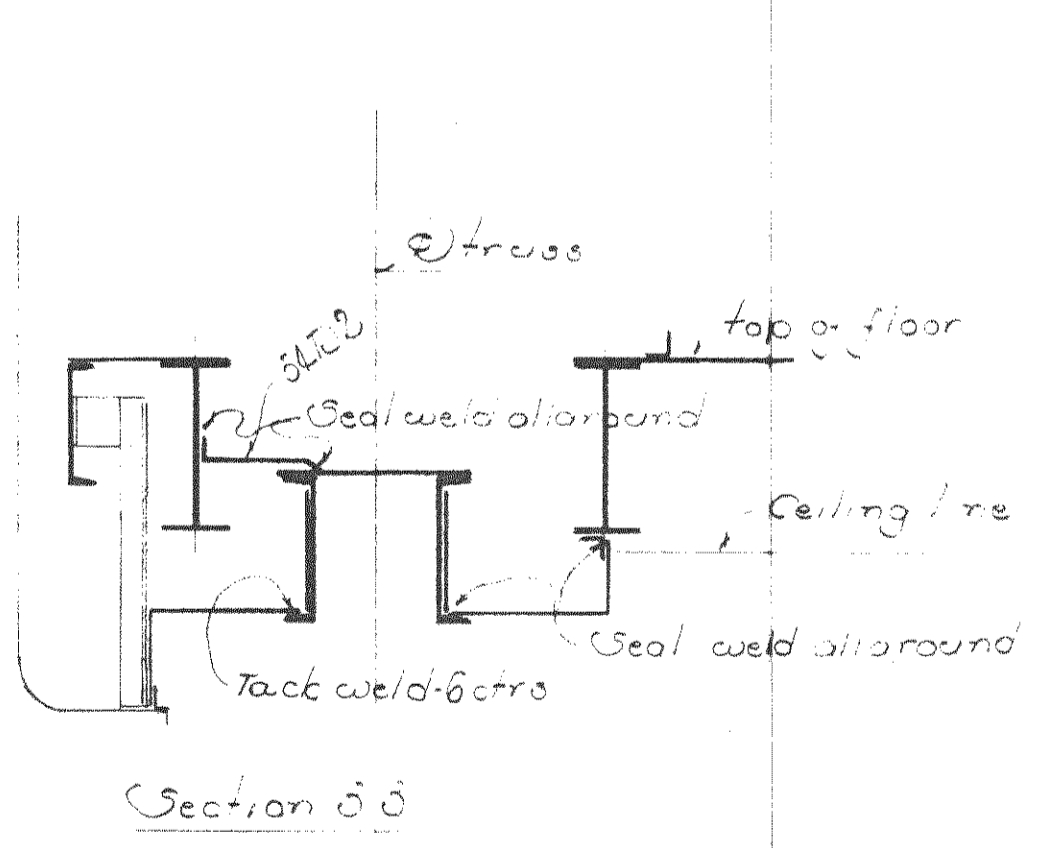
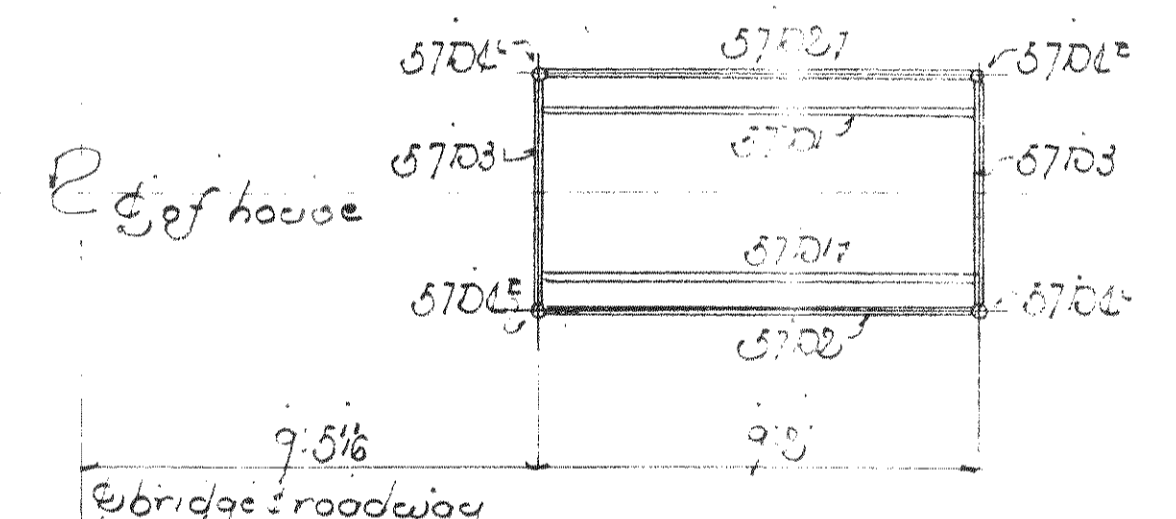
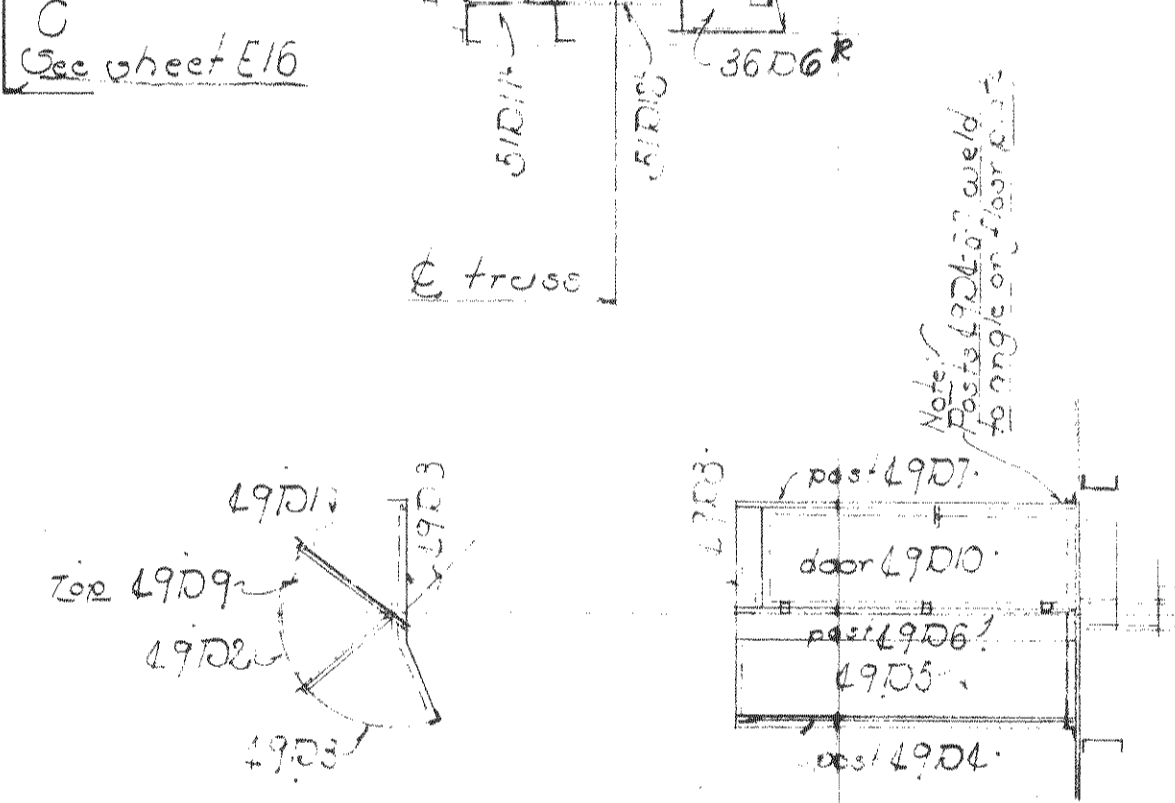
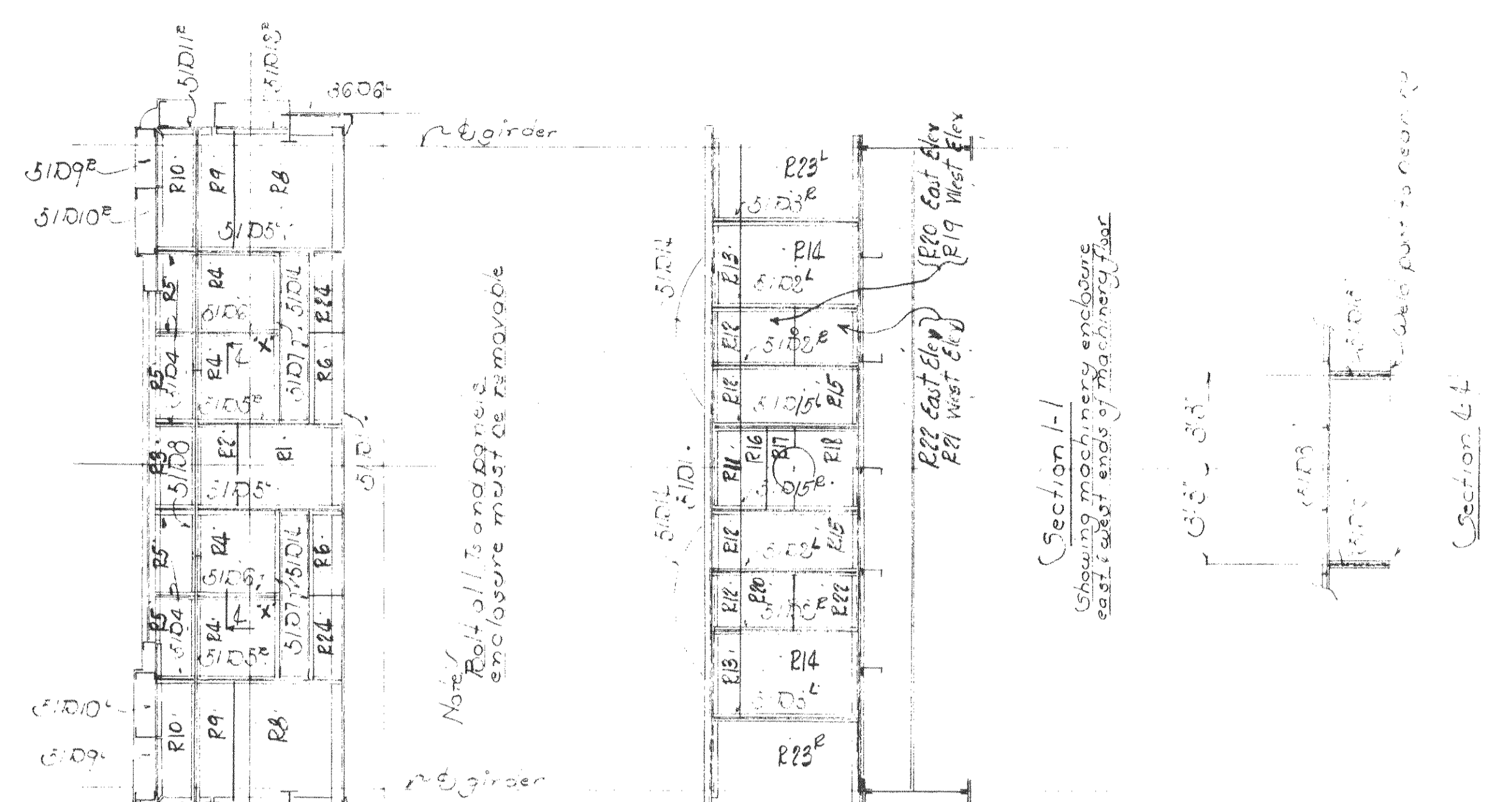
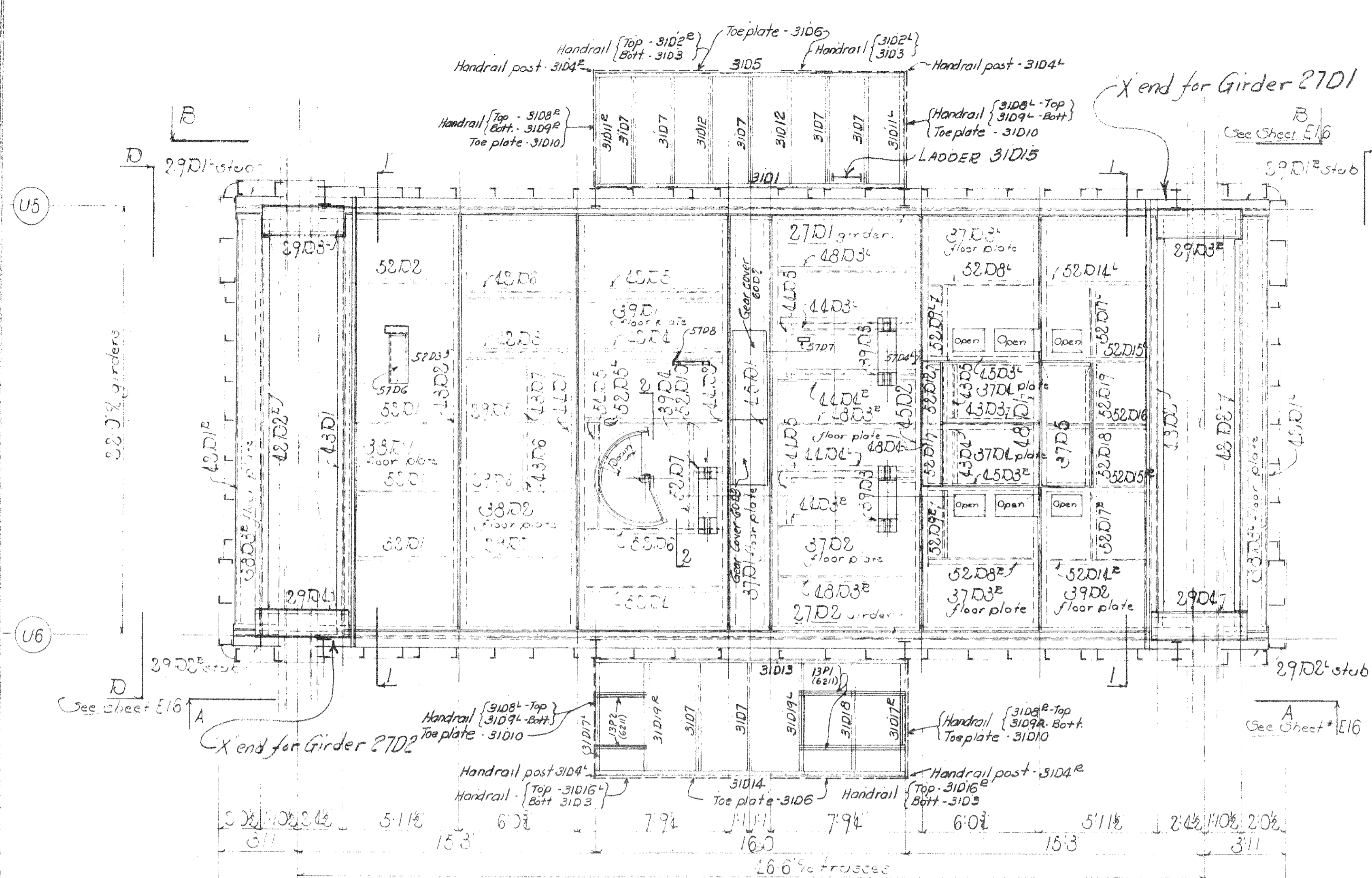
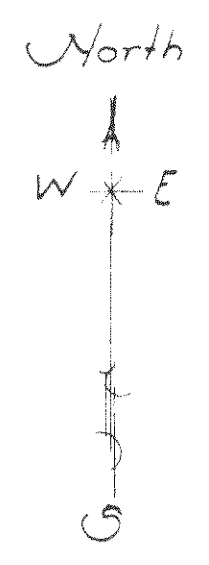
NOTE:-
See erection diagram E7-Cont. 6204- for notes on field painting.

P.W.A. Docket No. OH-1756-F

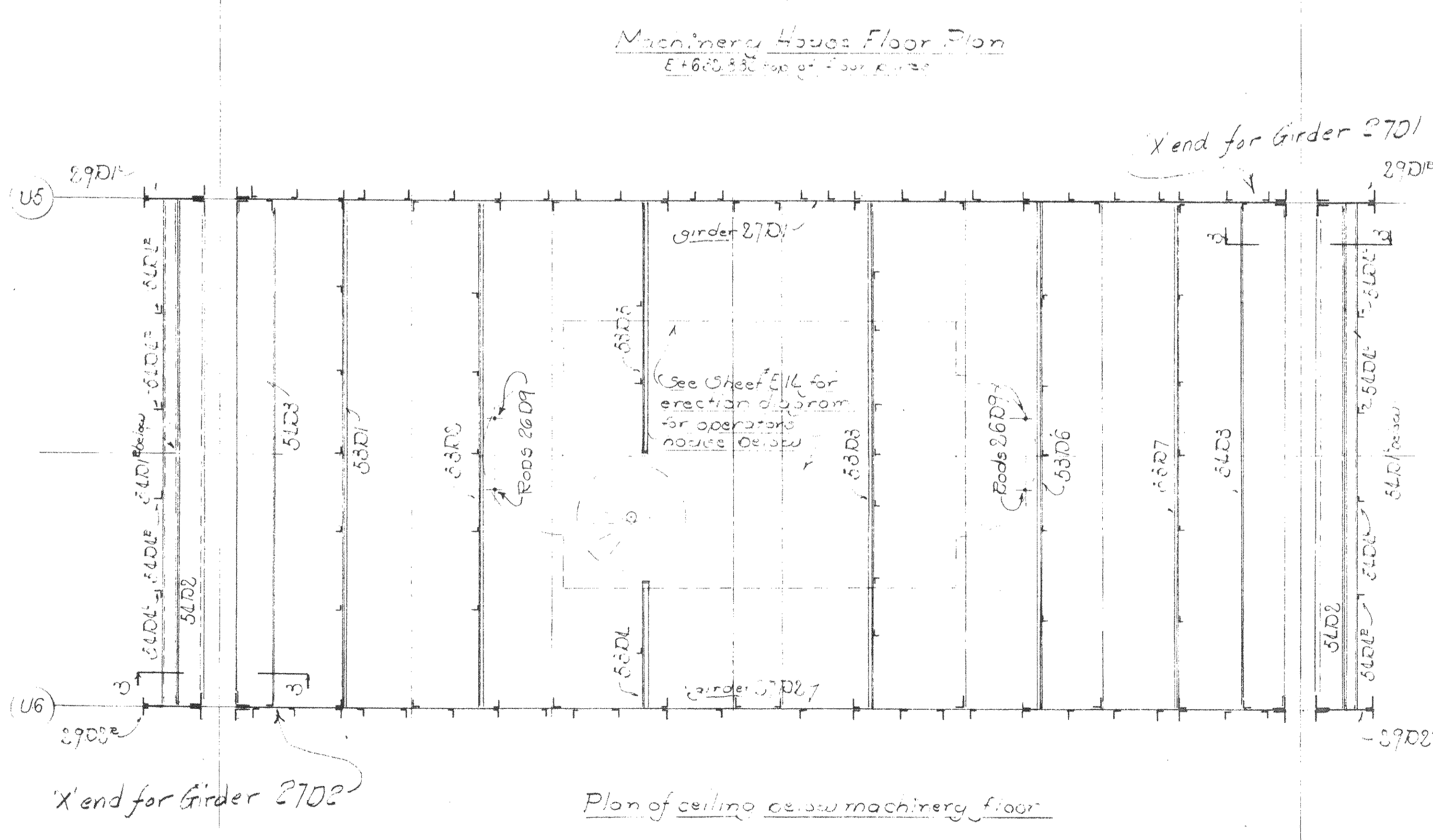
WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR CITY OF CLEVELAND	LOCATION CLEVELAND, OHIO	DESCRIPTION COLUMBUS ROAD BRIDGE	DETAILS OF ERECTOR PLAIN OPERATORS HOUSE
INSPECTED BY	REAMING	ERECTED BY	
DATE	REVISED		
FIELD PAINT 3-coats (Per Specs.)			
MADE BY R. S. W.	DATE 10-2-29	RIVETS	
TRACED BY	DATE 10-26-29	OPEN HOLES	
CHECKED BY M. G. O.	DATE 10-26-29	UNLESS NOTED	
SCALE 3/4" = 1'-0"			
SECTION			SHEET No. E14
			CONT. No. 6200

Max. Shipping Lgt.	Unless Noted																																
End Distance 11'-9"																																	
Date																																	
Revised																																	
<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td> </tr> <tr> <td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td> </tr> </table>		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16																		



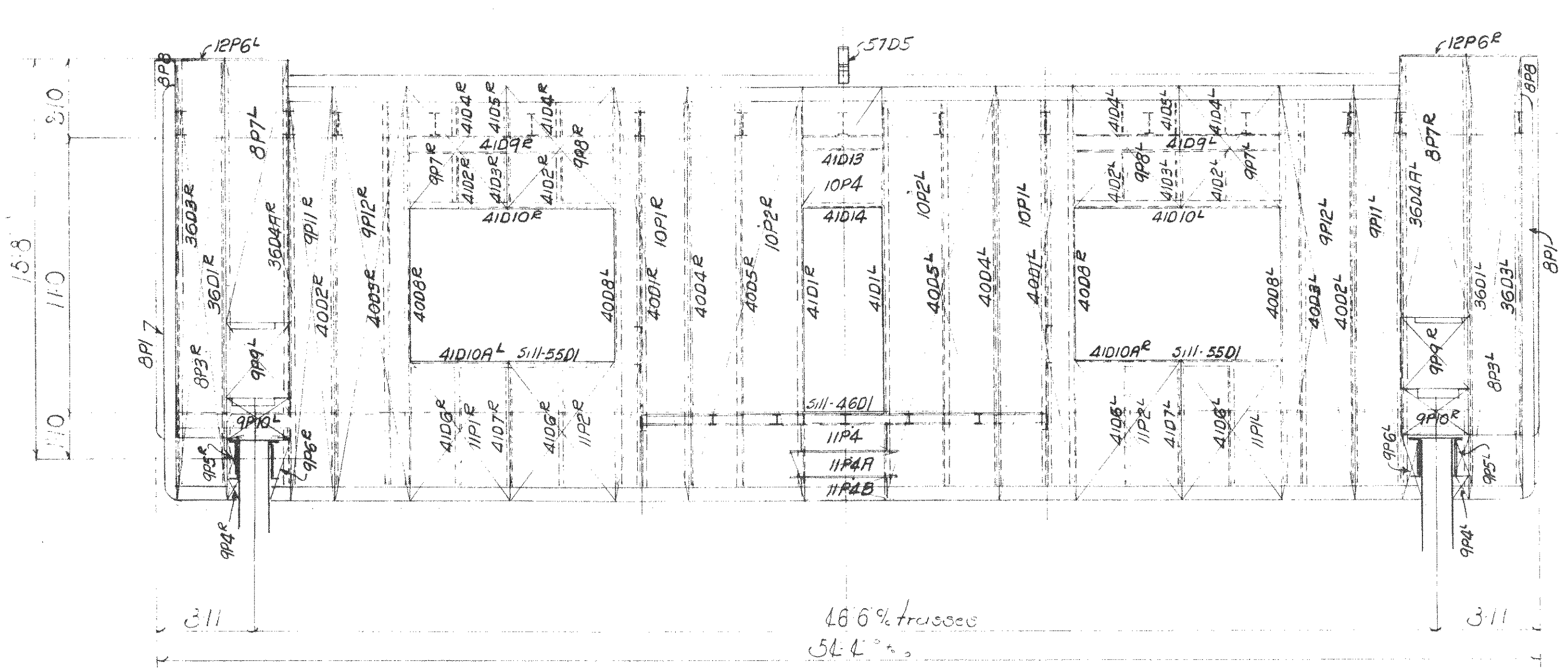
Note:
 All erection marks are in red ink.
 See erection diagram E7 cont. 6004 for notes on field painting.
 For Shop Plan of Plan of crane beam see E7.
 For Elev and g-house see E7.



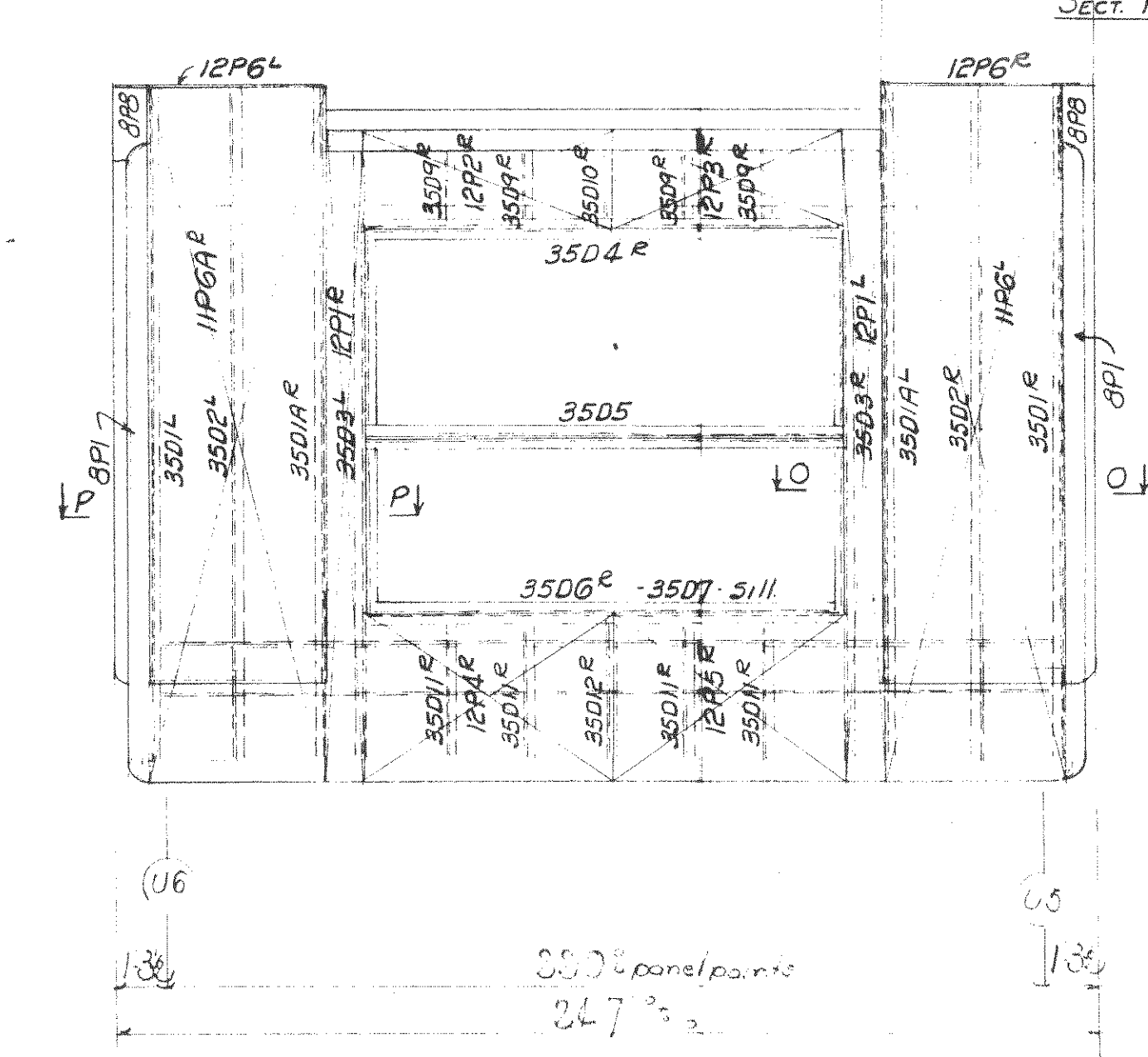
P.W.A. Docket NSOH 1726 F

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

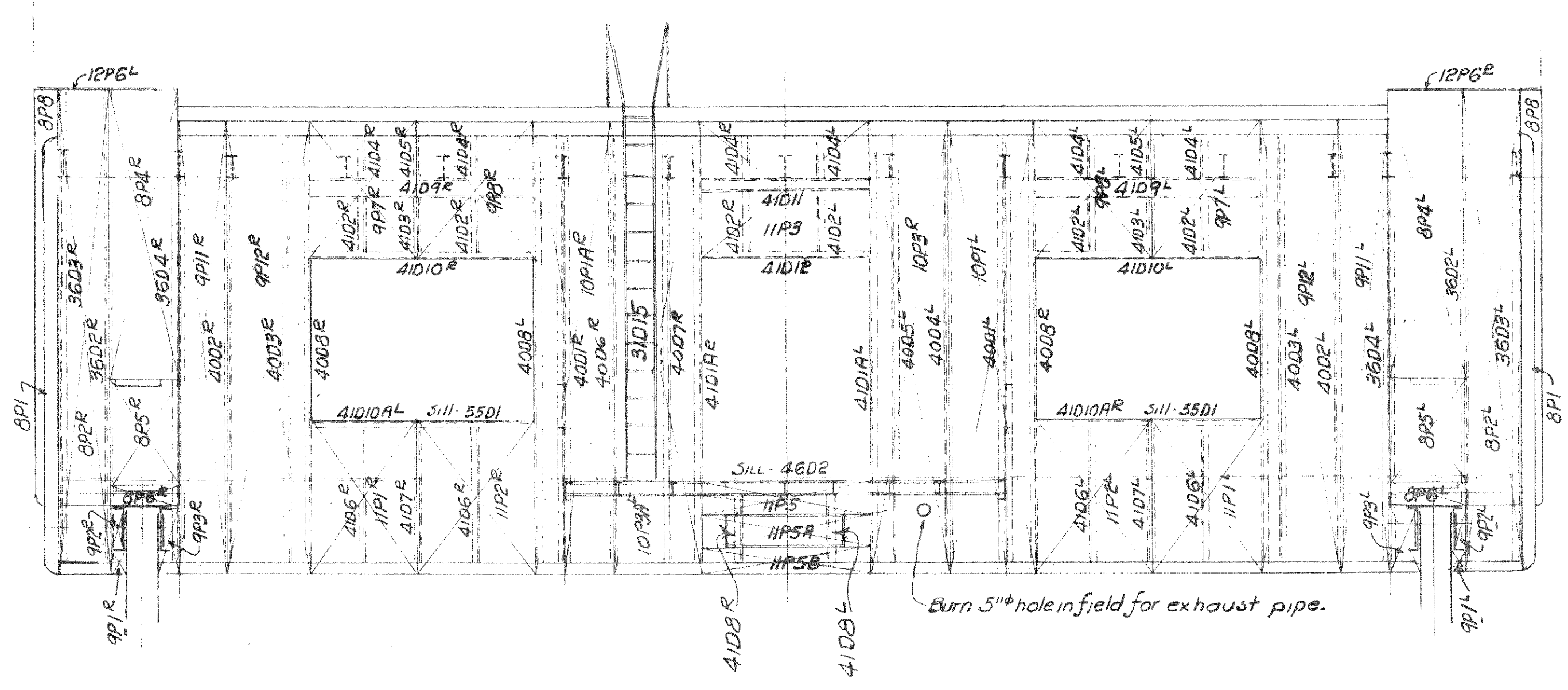
FOR CITY OF CLEVELAND	LOCATION Cleveland, Ohio	DESCRIPTION Columbus Road Bridge	DETAILS OF Machinery House
SPECIFICATIONS	REAMING	INSPECTED BY	ERECTED BY
SHOP PAINT			
FIELD PAINT			
MADE BY W.M.S.	DATE 1/17/39	RIVETS	
TRACED BY	DATE	OPEN HOLES	
CHECKED BY M.G.O.	DATE 1/24/39	UNLESS NOTED	
SCALE		SHEET No.	E15
SECTION		CONT. No.	6200



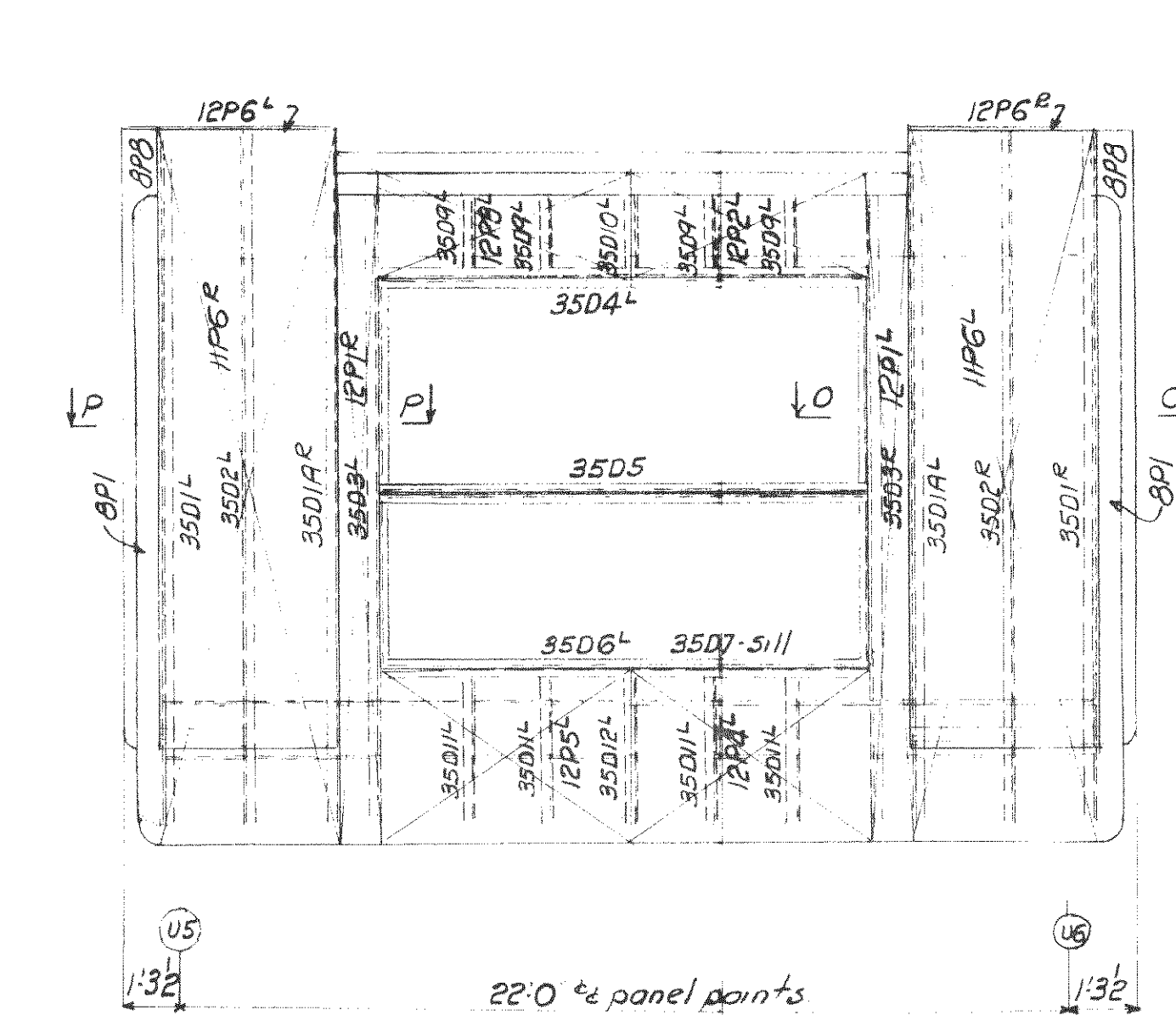
Section A-A U6 See CH-516
South elevation
(Looking North)



Section C-C See CH-516
East elevation
(Looking West)



Section B-B U6 See CH-516
North elevation
(Looking South)



Section D-D See CH-516
West elevation
(Looking East)

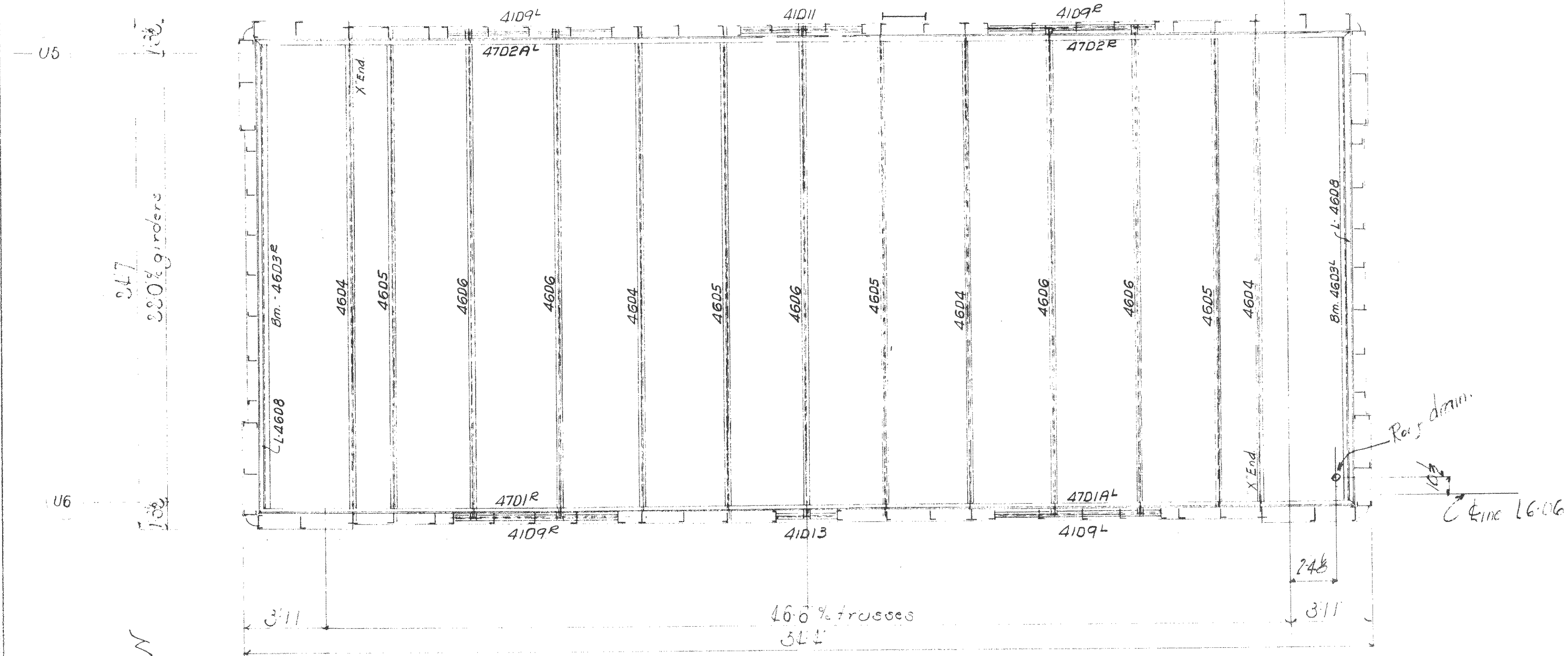
Note:
All erection marks are in red.
See erection diagram E7 cont. of drawing set
for floor plan & framing details - see CH-516
or 'Shop' plan of crane beams (see CH-516)

NOTES:
Where joints in siding plates occur at structural members
on outside of house, weld corten plates with 3/8" x 2" welds, 6' ctrs,
and grind smooth. Make water tight by filling with high
grade caulking compound.
On inside of house at structural members, weld corten plates
with 3/8" x 2" welds 6' all ctrs.
Bolts for holding corten plates in position for welding,
must be removed, and holes plug welded and ground smooth.
Cap plates, 12" x 6", to be welded in place with continuous
water tight weld

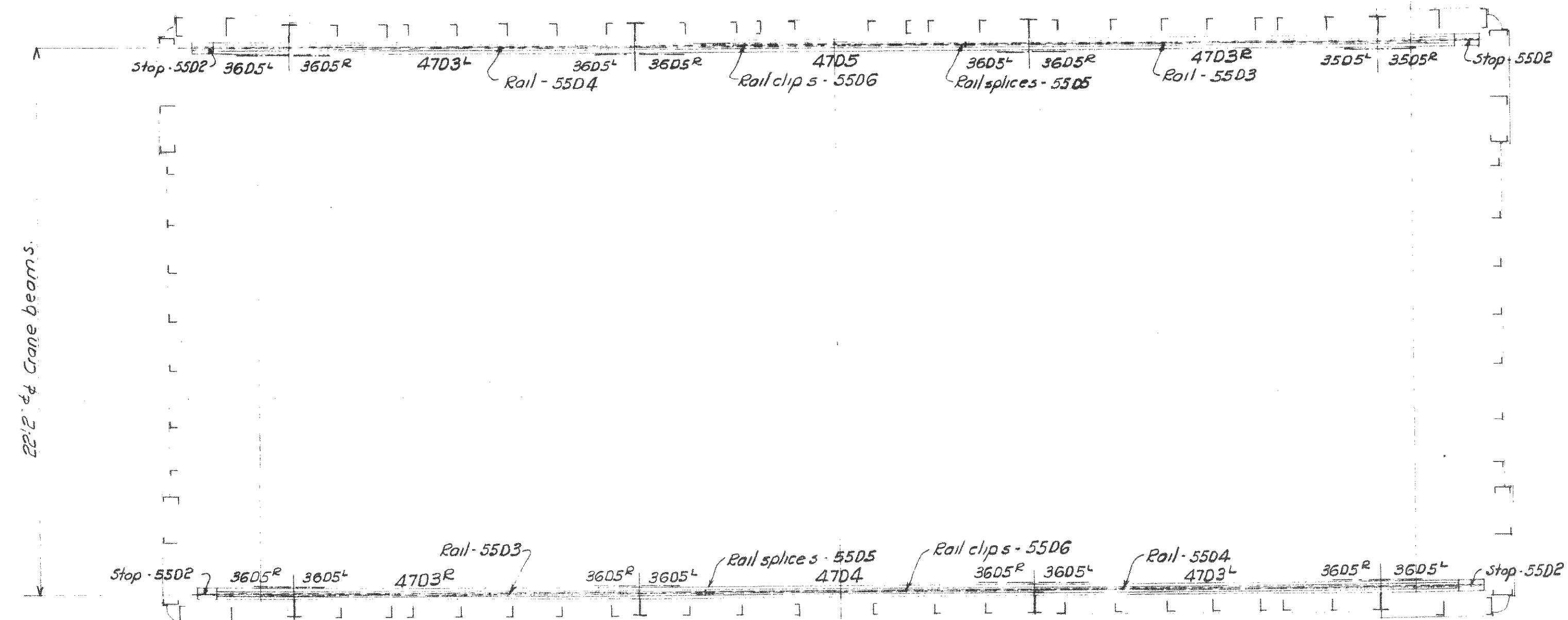
PWA-Drawing No. CH-763-F

WISCONSIN BRIDGE & IRON CO. MILWAUKEE, WIS.	
FOR	CLAY COLEMAN
LOCATION	Continuous Road Bridge
DESCRIPTION	Details of Erection Plan
DETAILS OF	Erection Plan
SPECIFICATIONS	REAMING
INSPECTED BY	ERECTED BY
SHOP PAINT	
FIELD PAINT	
MADE BY WMS	DATE 11/24/34
TRACED BY	DATE
CHECKED BY M.G.O.	DATE 11/24/34
SCALE	
SECTION	
RIVETS	
OPEN HOLES	
UNLESS NOTED	
SHEET No.	E16
CONT. No.	6200 of 6211

Date	
Revised	
Max. Shipping Lgth.	Unless Noted
End Distance	



Roof Plan



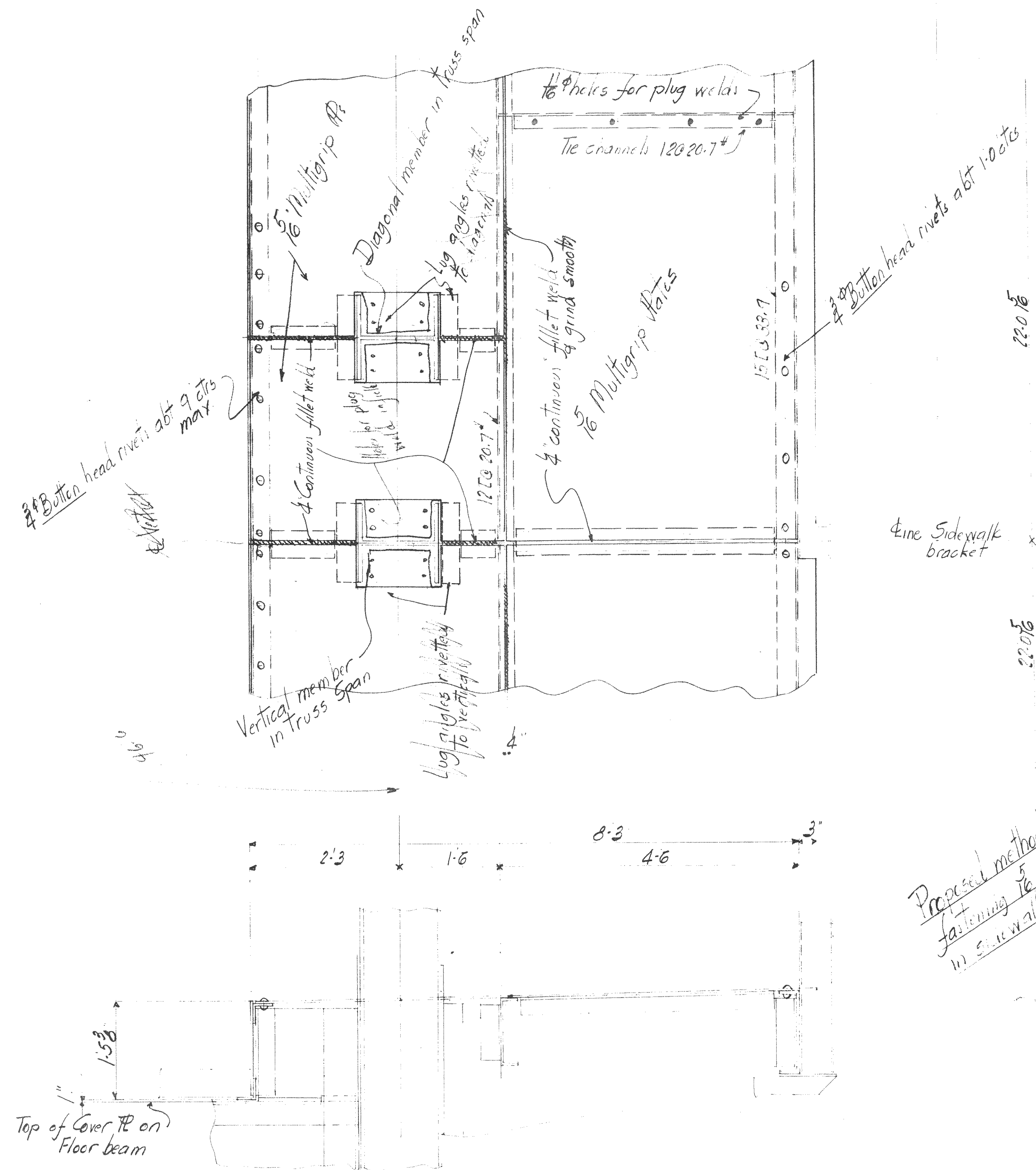
Plan of Crane Beams

Notes
 All erection marks are in red
 See erection diagram 37 Cont 6004
 for notes on field painting
 for elevations of house, see sht # E16
 for floor plan see sht E15

PWA Pocket NPOH 1756 F

WISCONSIN BRIDGE & IRON CO. MILWAUKEE, WIS.	
FOR <u>CITY OF CLEVELAND</u> LOCATION <u>Orange Ave. Bridge</u> DESCRIPTION <u>Orange Ave. Bridge</u> DETAILS OF Erection <u>See notes</u>	REAMING ERRECTED BY
SPECIFICATIONS INSPECTED BY SHOP PAINT	FIELD PAINT
MADE BY <u>W.M.S.</u> DATE <u>11-22-29</u> TRACED BY _____ DATE _____ CHECKED BY <u>M.G.C.</u> DATE <u>1-28-30</u>	RIVETS OPEN HOLES UNLESS NOTED
SCALE SECTION	SHEET No. <u>517</u> CONT. No. <u>6000</u>

Date									
Revised									



Typical Section thru sidewalk
in Truss span

Proposed method of forming and
fastening 5 Multigrip floor plates
in sidewalk of truss span.

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR: LOCATION _____
DESCRIPTION Columbus Road Bridge
DETAILS OF FLOOR PLATES IN SIDEWALK OF TRUSS SPAN
SPECIFICATIONS _____ REAMING _____
INSPECTED BY _____ ERECTED BY _____
SHOP PAINT _____
FIELD PAINT _____

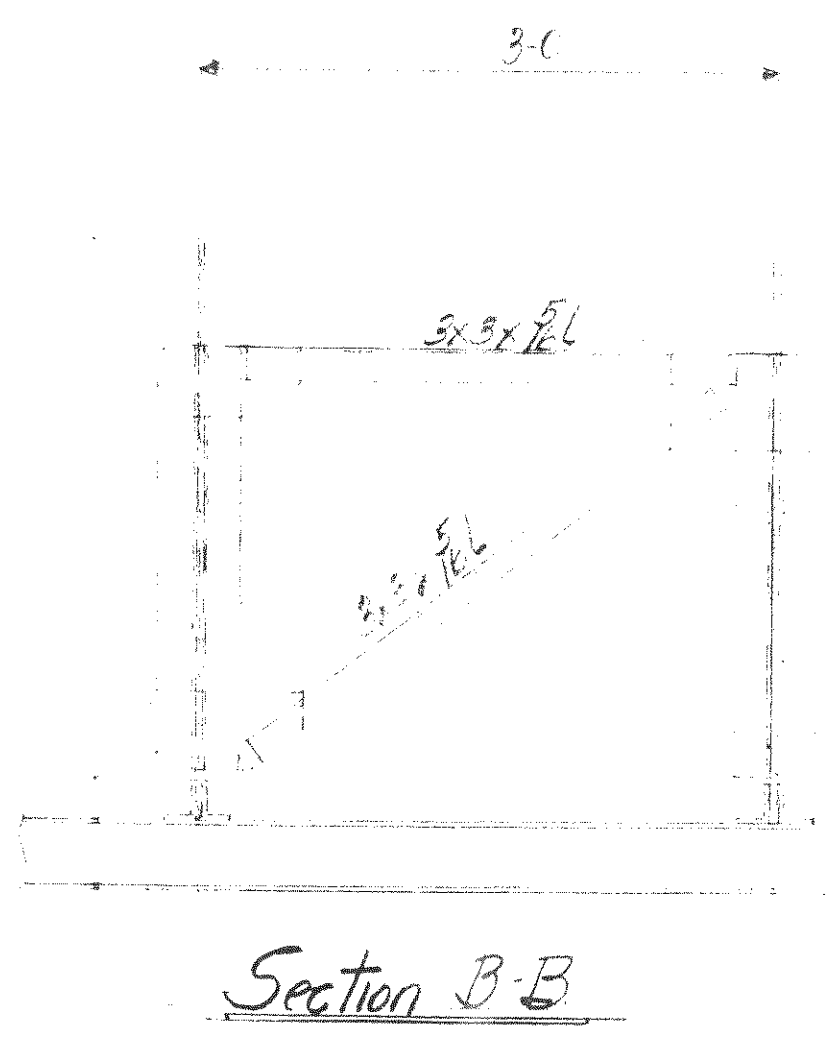
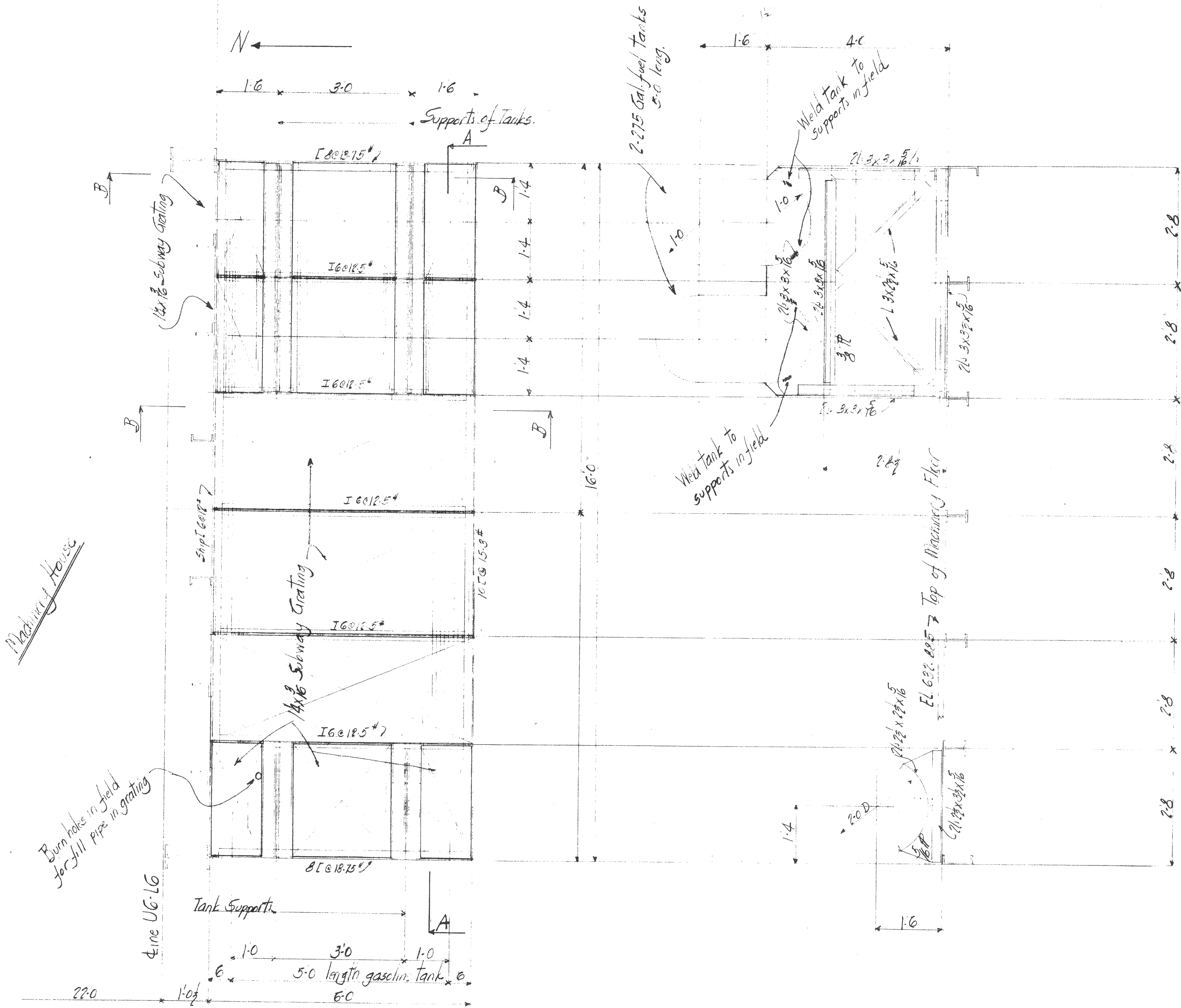
MADE BY JFS DATE 8-2-39 RIVETS _____
TRACED BY _____ DATE _____ OPEN HOLES _____
CHECKED BY _____ DATE _____ UNLESS NOTED _____

SCALE _____ SHEET No. 701
SECTION _____ CONT. No. 6200

Max. Shipping Lgt. _____
End Distance _____ Unless Noted _____

Date									
Revised									

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z



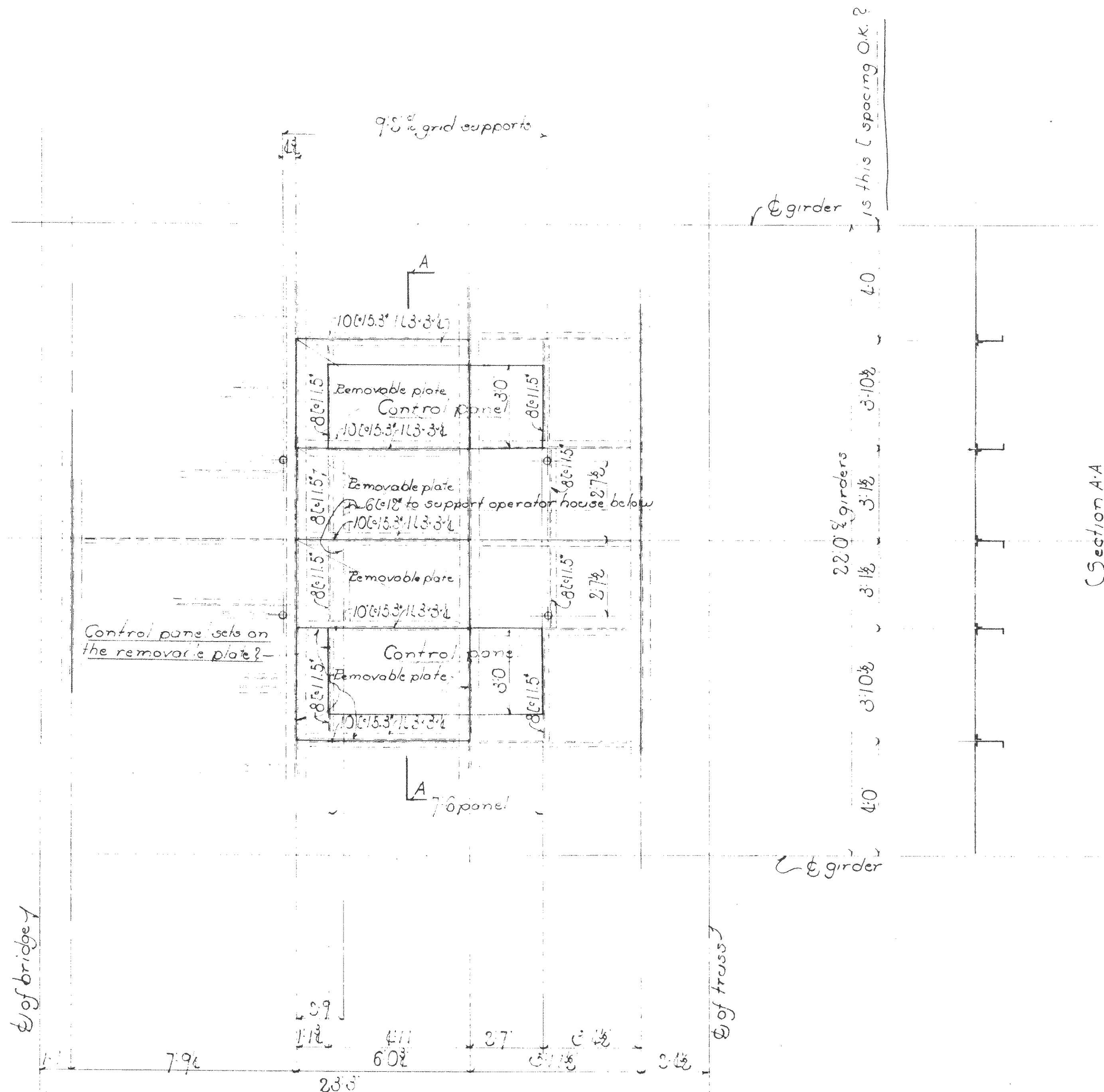
Section A-A

Section B-B

Plan of South Platform
of Machinery House
Proposed details supporting
gasolin & fuel tanks and definite
location of same.

WISCONSIN BRIDGE & IRON CO. MILWAUKEE, WIS.			
FOR <u>City of Cleveland</u>		LOCATION <u>Cleveland, Ohio</u>	
DESCRIPTION <u>Columbus Beach Bridge</u>		DETAILS OF <u>South Half from Machinery House</u>	
SPECIFICATIONS	REAMING	ERECTED BY	
INSPECTED BY	SHOP PAINT		
FIELD PAINT	MADE BY	DATE	RIVETS
TRACED BY	DATE	OPEN HOLES	
CHECKED BY	DATE	UNLESS NOTED	
SCALE	SECTION	CONT. No.	SHEET No. <u>703</u>
			<u>6200</u>

Date	Revised													



Plan of floor showing framing around removable plates

PWA. DOCKET NO. OH 1756 F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

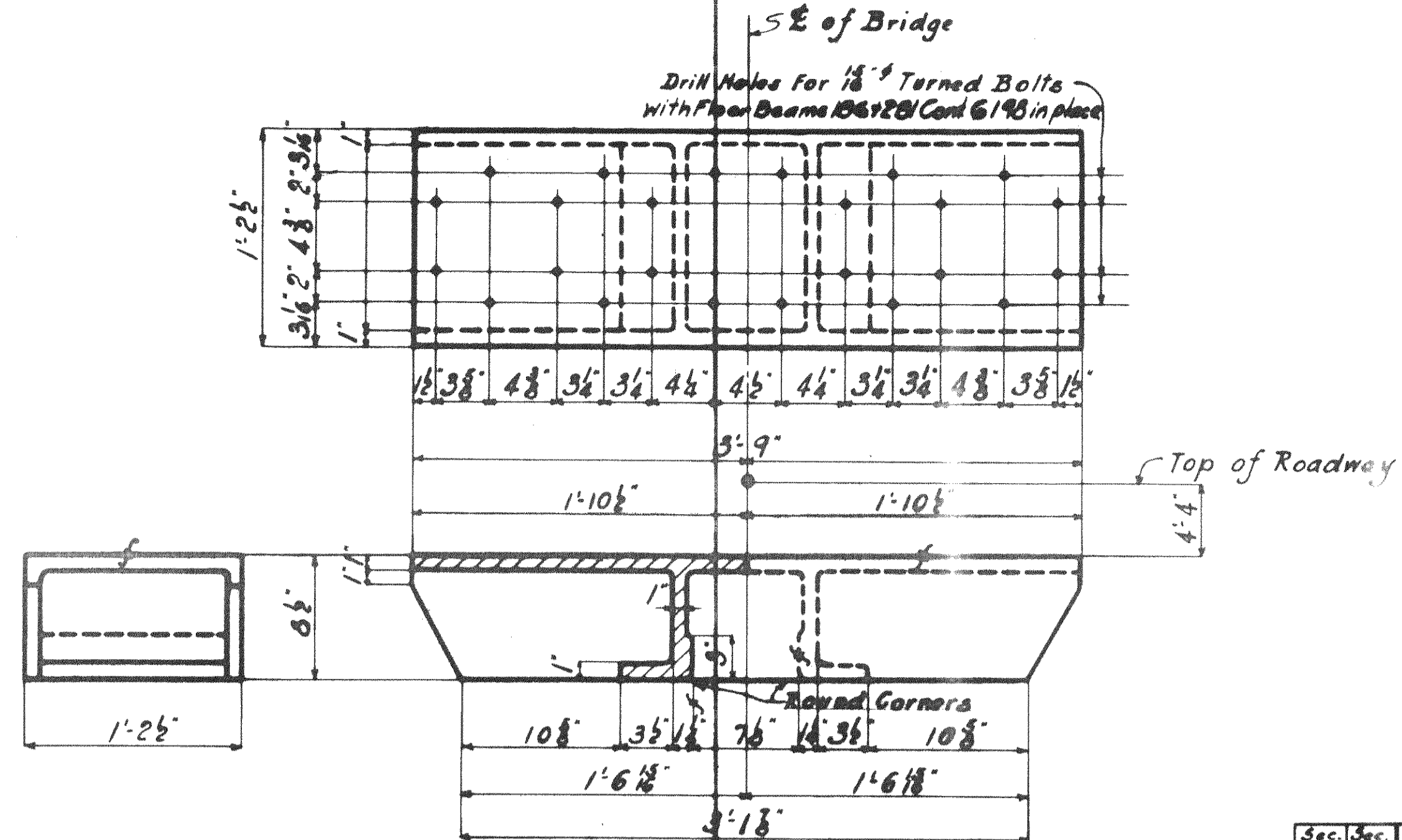
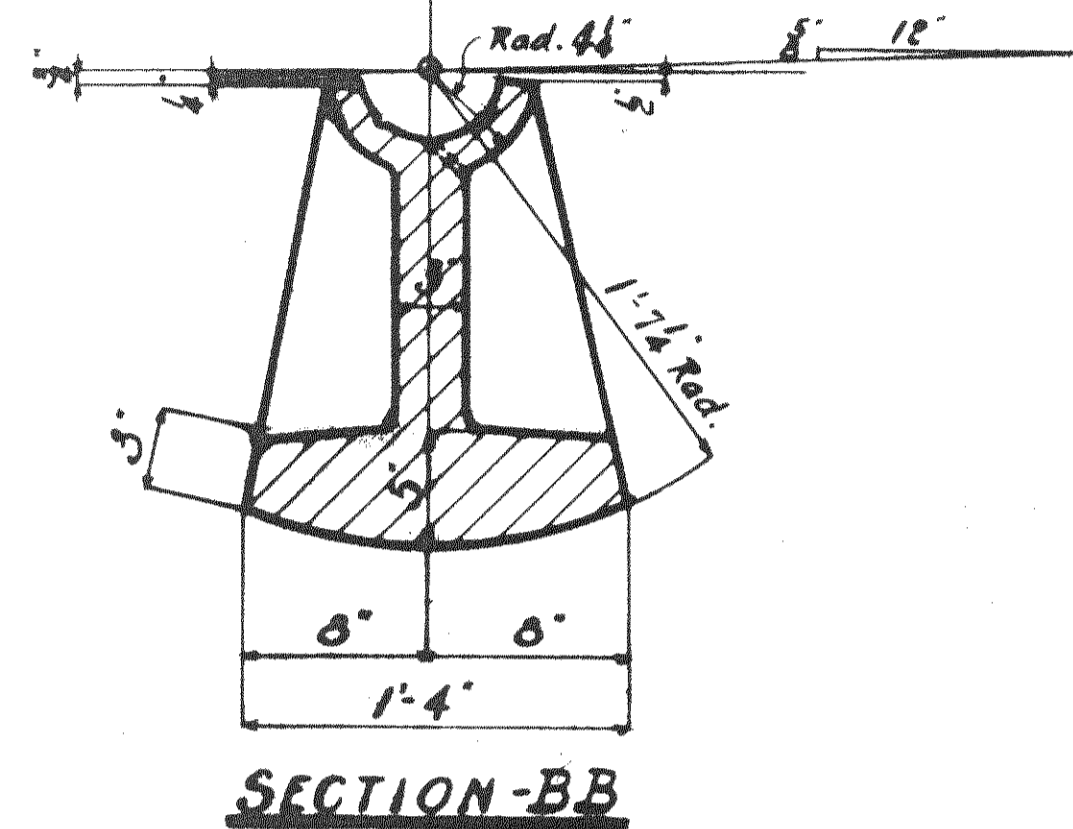
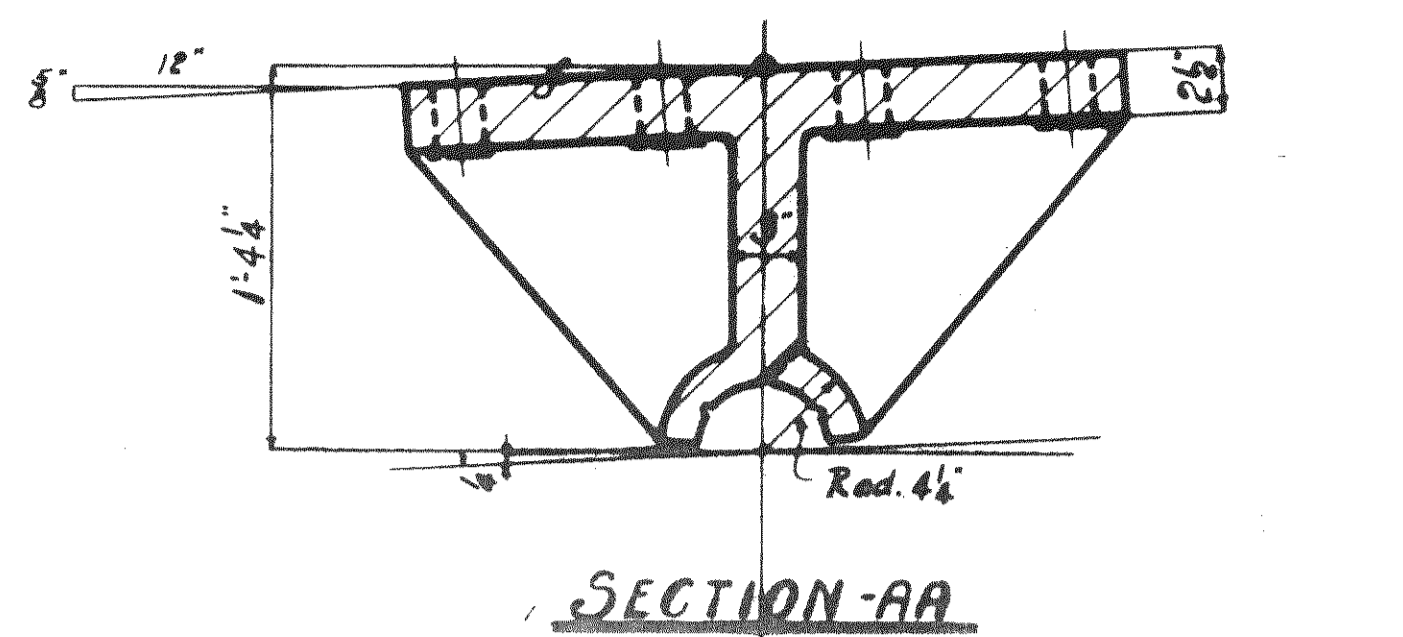
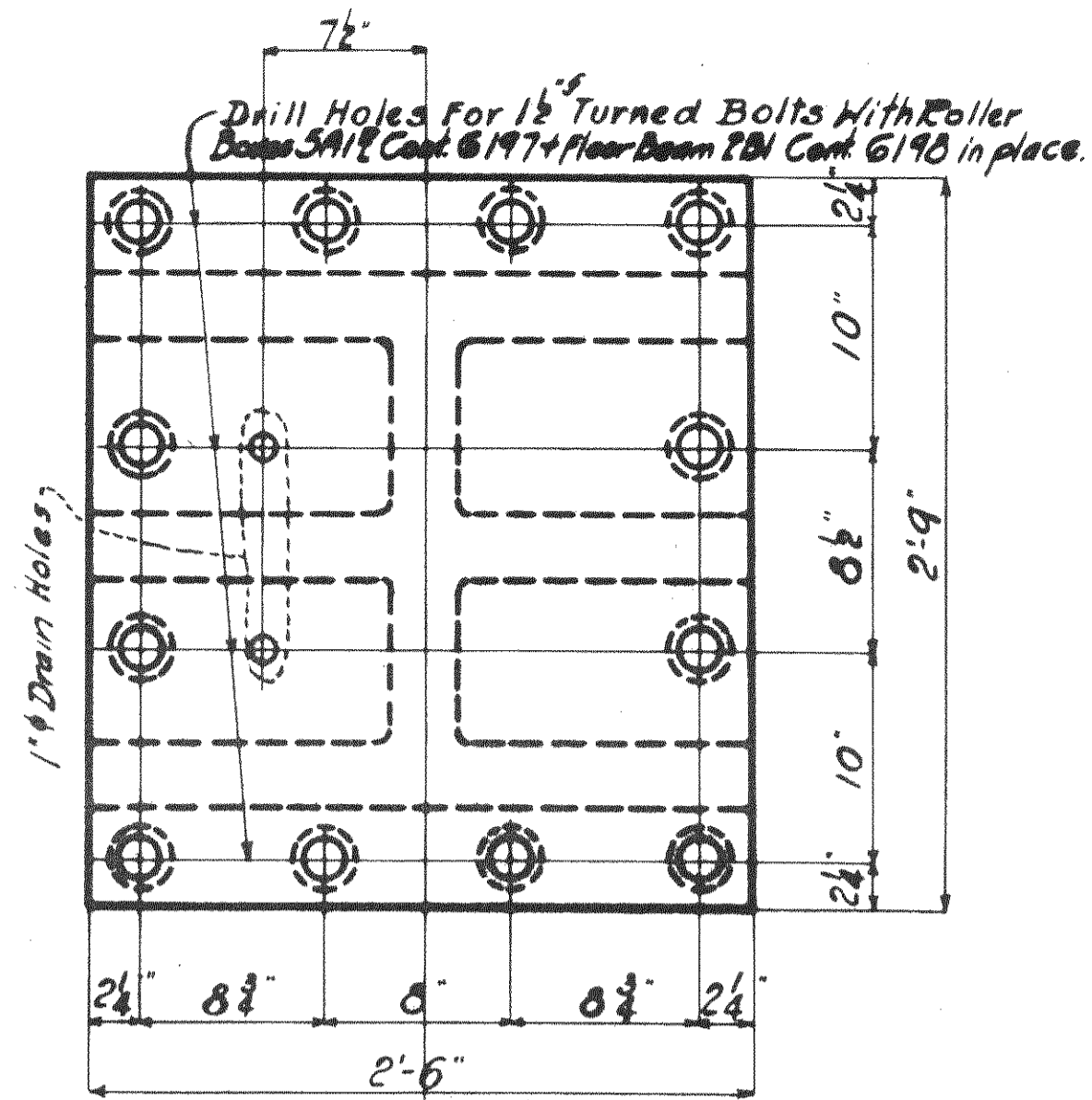
FOR CITY OF CLEVELAND
 LOCATION Cleveland Ohio
 DESCRIPTION Columbus Gas Bridge
 DETAILS OF Detail Framing Around Removable Plates
 SPECIFICATIONS REAMING
 INSPECTED BY _____ ERECTED BY _____
 SHOP PAINT

Max. Shipping Lgth. _____
 End Distance _____ Unless Noted

Date					
Revised					

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y
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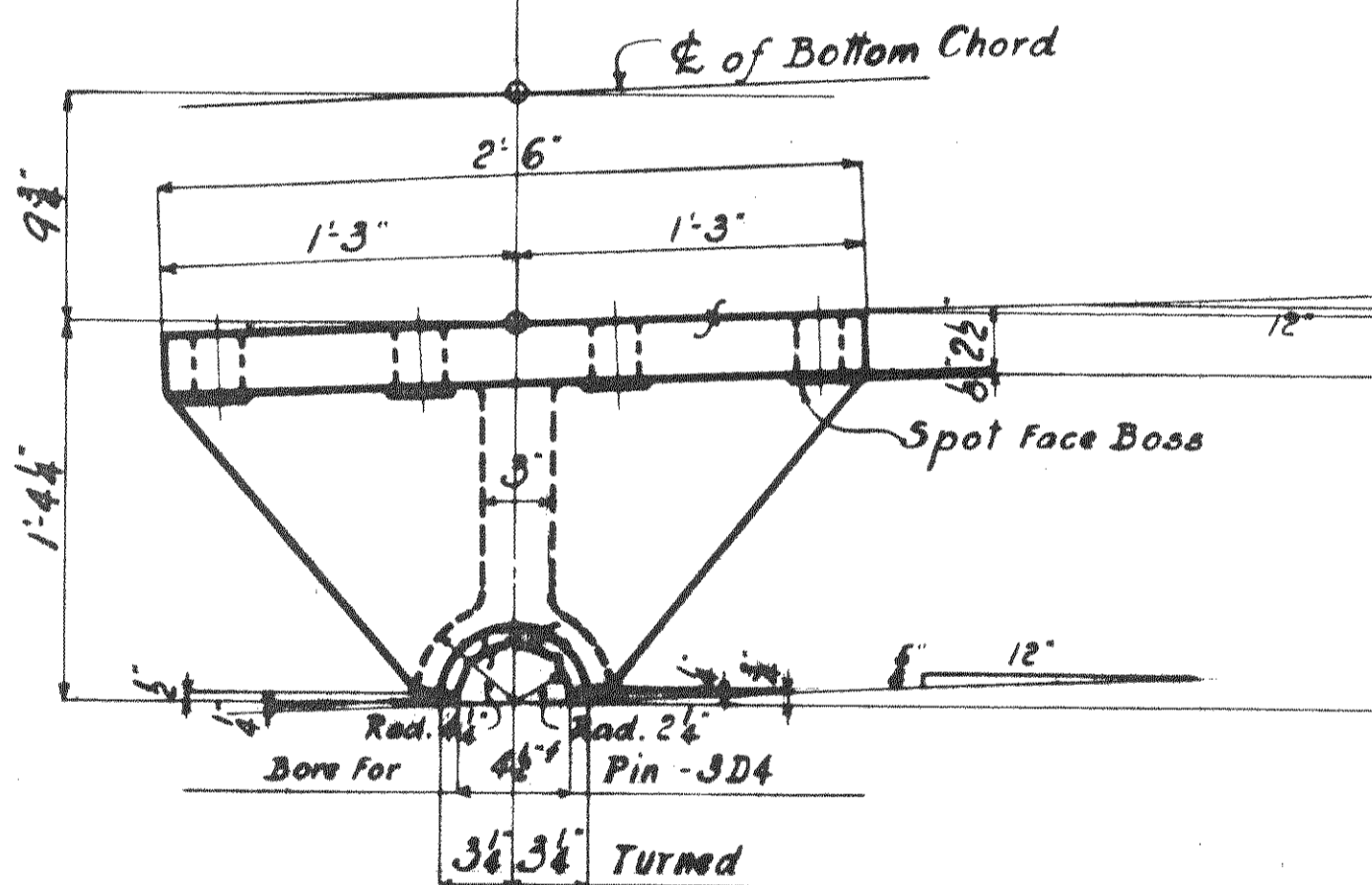
FIELD PAINT		RIVETS	
MADE BY <u>WBS</u>	DATE <u>10/18/09</u>	OPEN HOLES	
TRACED BY _____	DATE _____	UNLESS NOTED	
CHECKED BY _____	DATE _____	UNLESS NOTED	
SCALE	SECTION	SHEET No.	CONT.
		705	3000



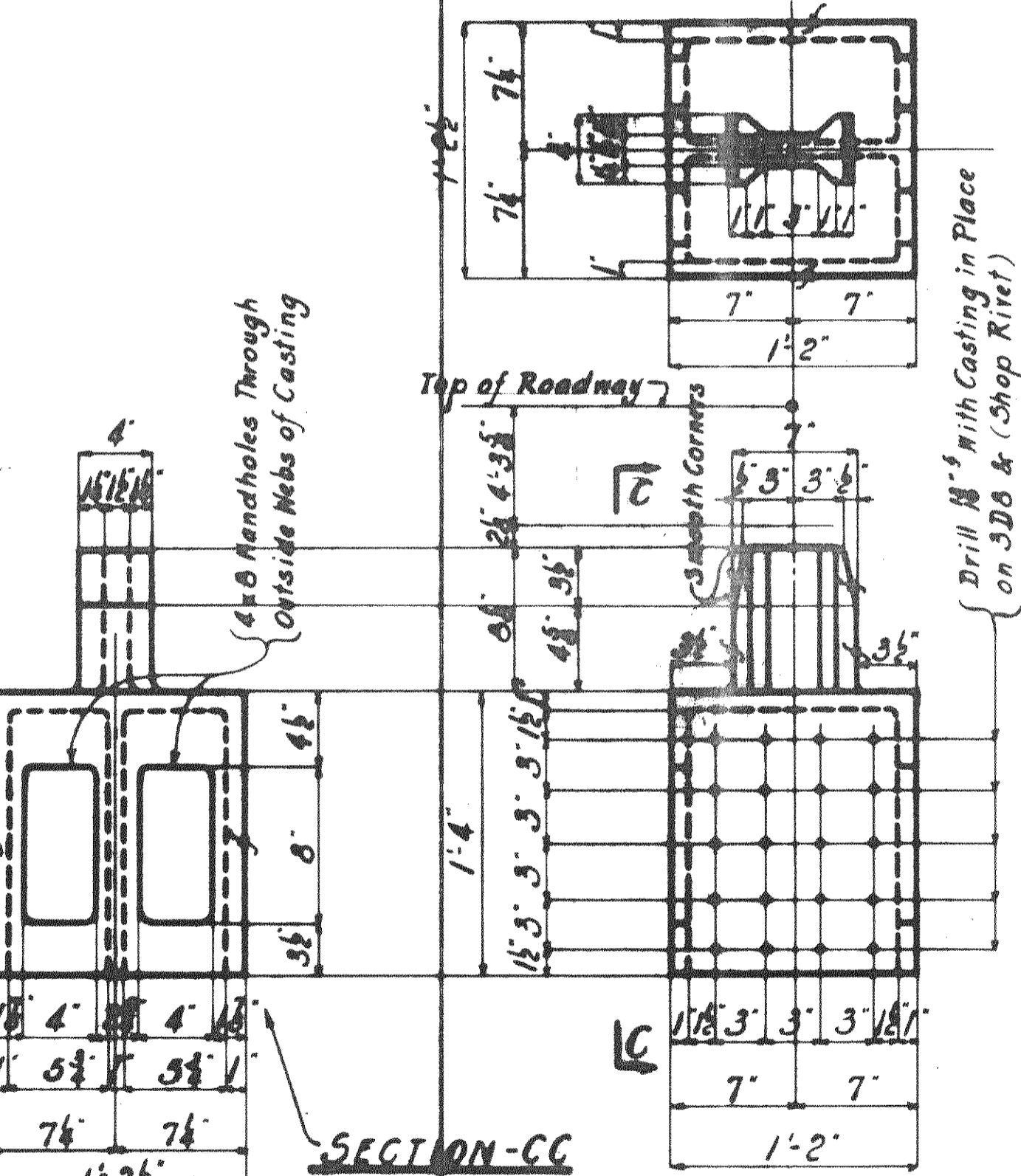
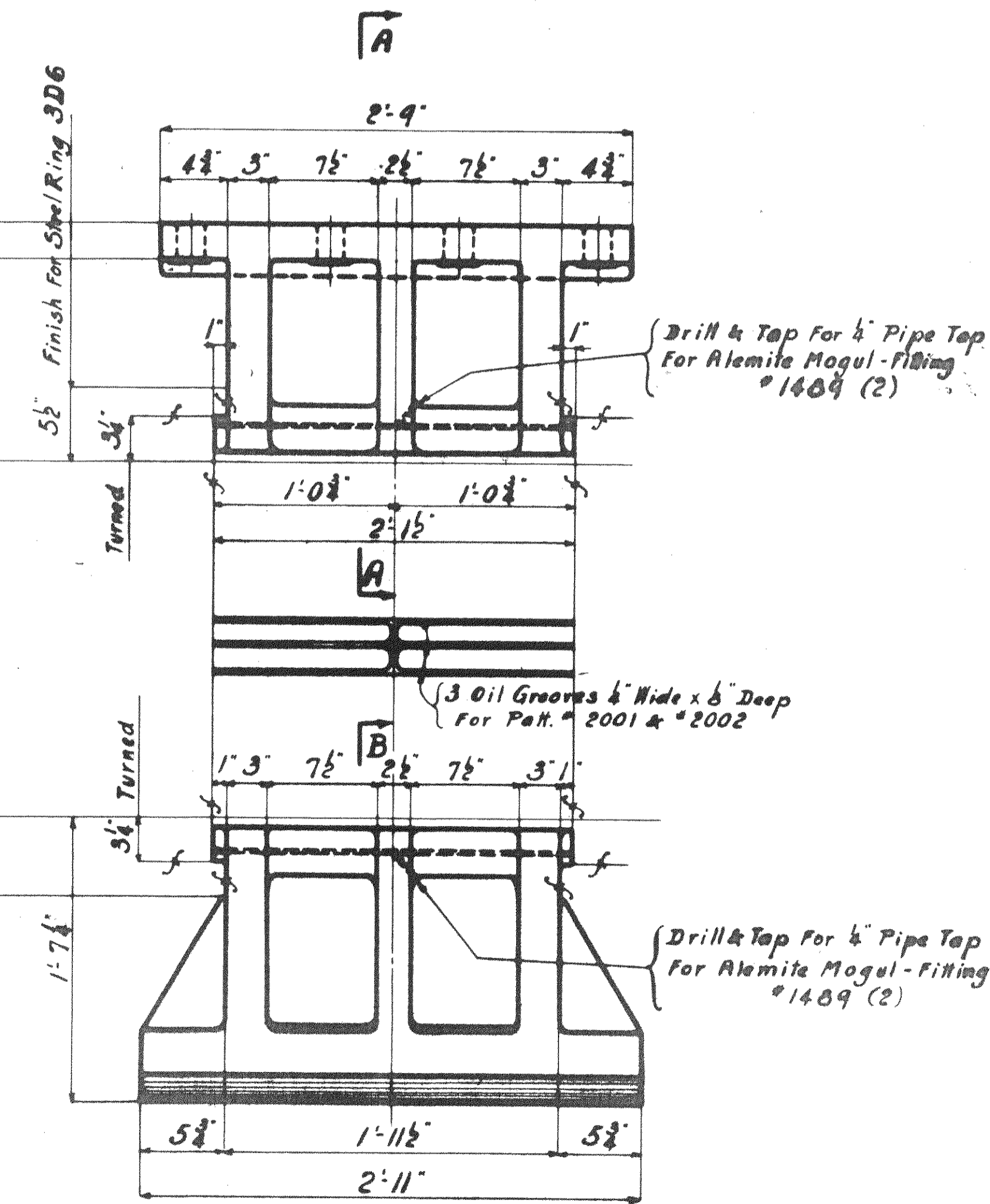
2-TOP CENTERING CASTINGS PATT. #2003
(Cast Steel)

SUMMARY OF PARTS

Sec. C	Sec. F	NO.	MAT.	DESCRIPTION	MARK	BILL
2	2	2	CAST STEEL	UPPER SHOES	PATT. #2001	Mia-21
2	2	2	"	ROCKERS	PATT. #2002	"
1	1	2	"	TOP CENTERING CASTINGS	PATT. #2003	"
1	1	2	"	BOTTOM CENTERING CASTINGS	PATT. #2004	"
4	4	8	"	PIN NUTS	PATT. #N4.5	"



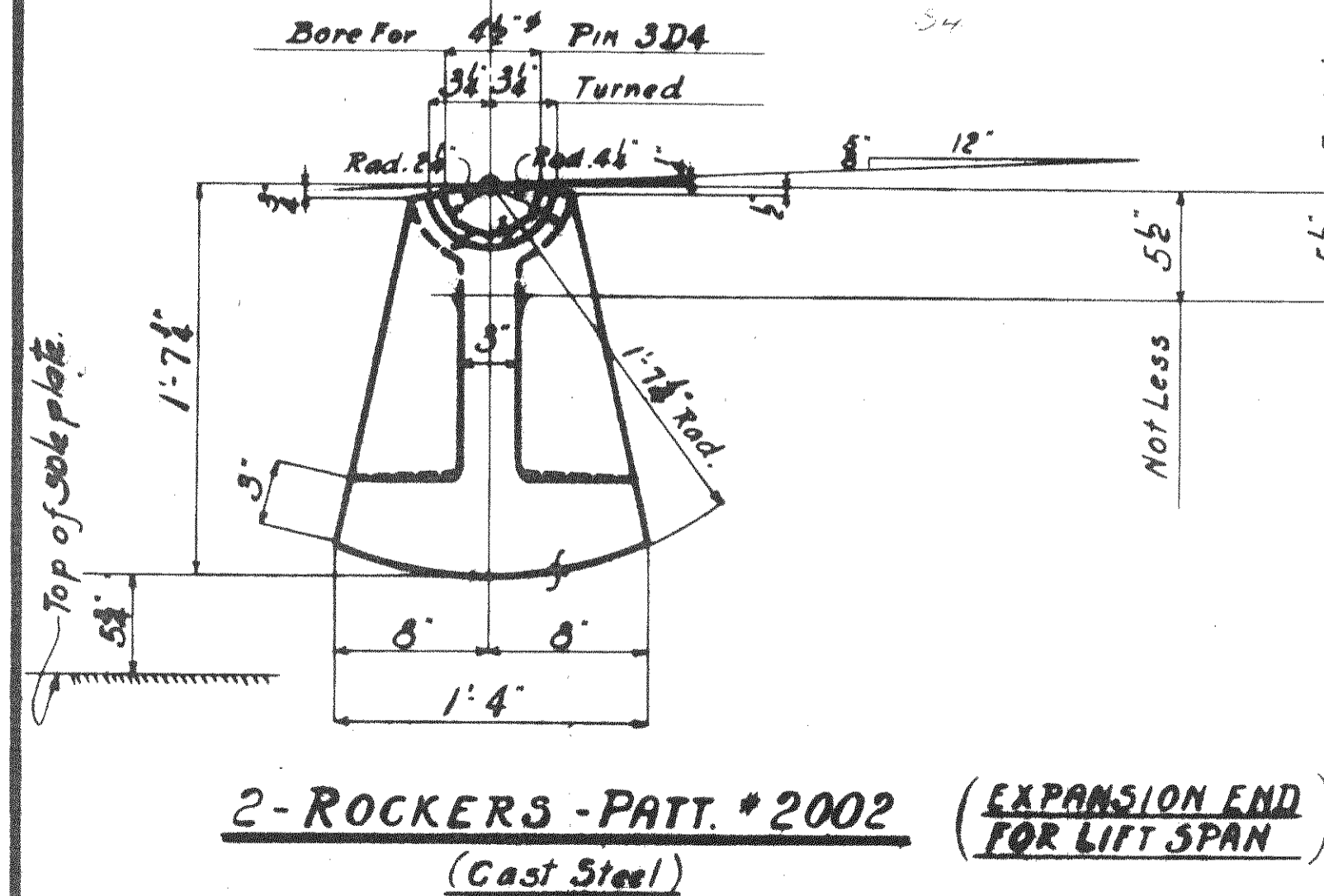
2-UPPER SHOES - PATT. #2001 (EXPANSION END FOR LIFT SPAN)
(Cast Steel)



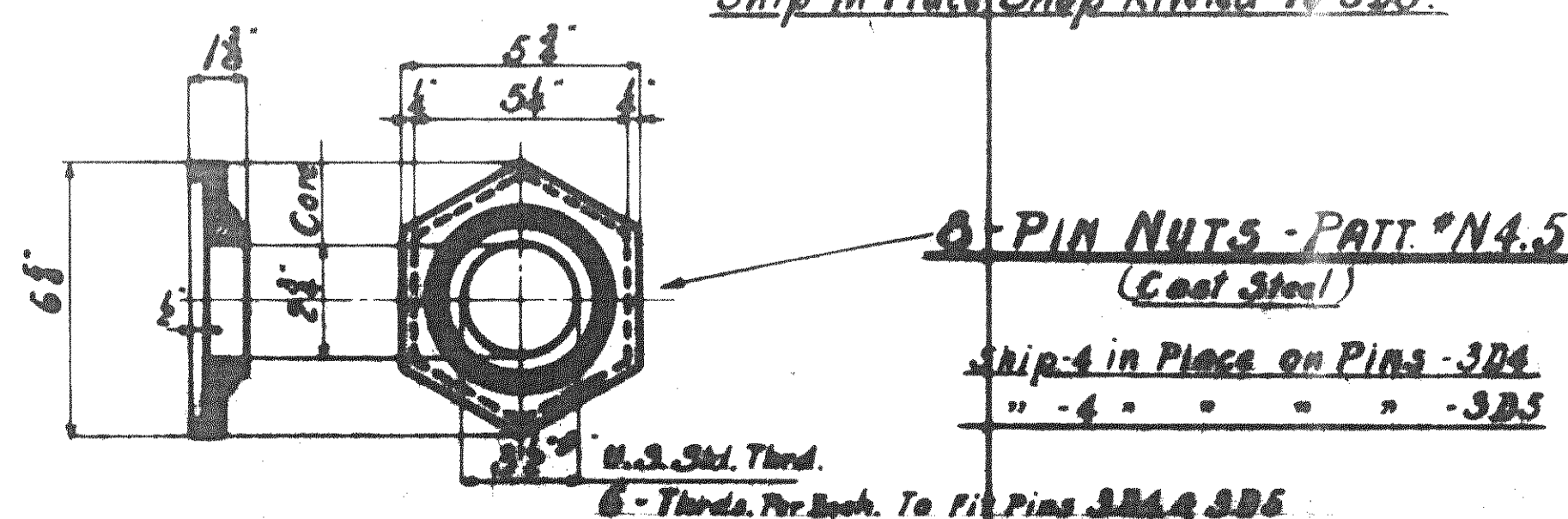
2-BOTTOM CENTERING CASTINGS - PATT. #2004
(Cast Steel)
Ship in Place Shop Riveted to 3D6.

NOTE:-
Ship Patt. #2001 & #2002 Together with Pins 3D4.
Rings 3D6
Washers 3D7
4 Pin Nuts - N4.5

All Machined Surfaces To Receive 1 Coat - White Lead & Tallow.
All castings to be annealed



2-ROCKERS - PATT. #2002 (EXPANSION END FOR LIFT SPAN)
(Cast Steel)



6-PIN NUTS - PATT. #N4.5
(Cast Steel)
Ship 4 in Place on Pins - 3D4
" 4 " " " - 3D5

P.W.A. - NO-0H-1756-F.

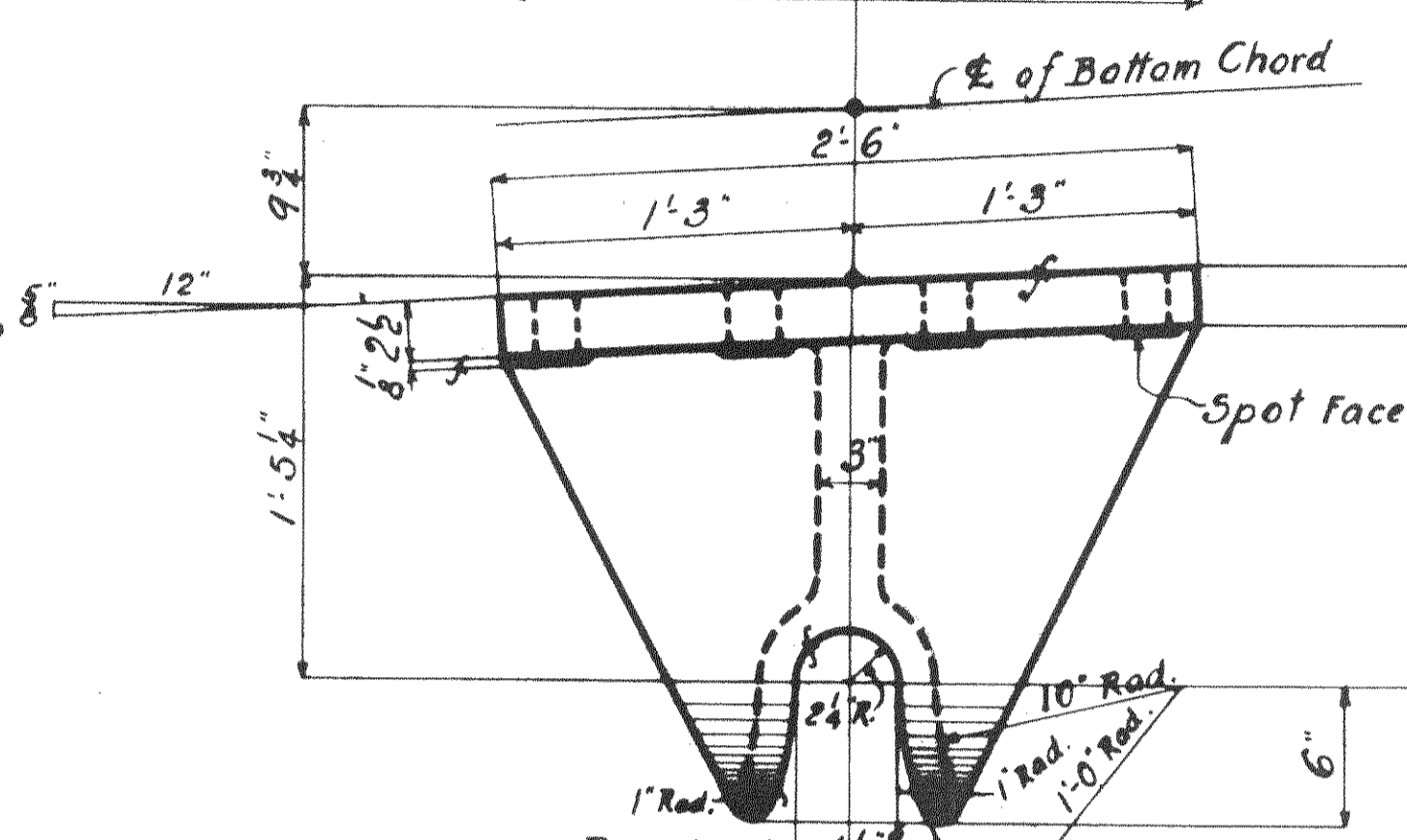
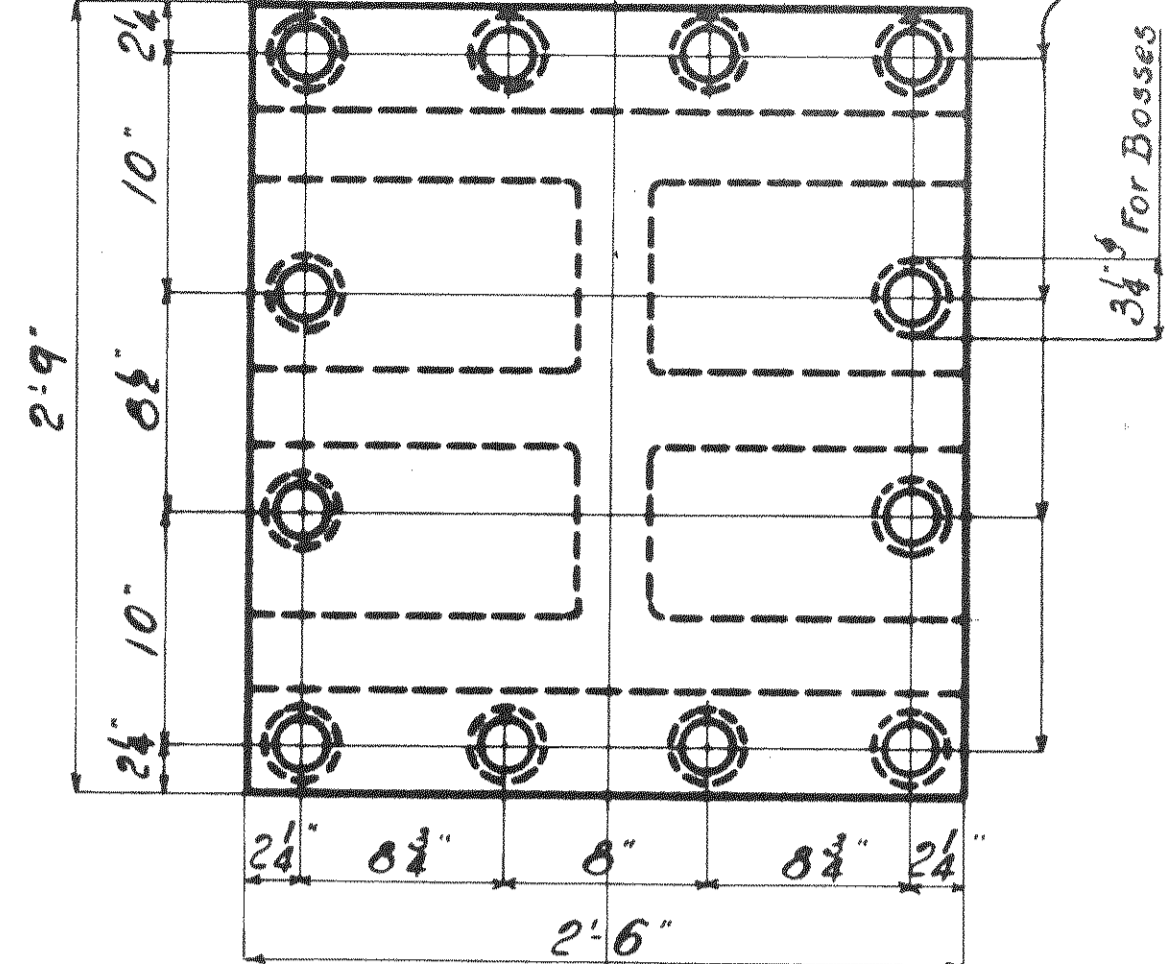
WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR: **CITY OF CLEVELAND**
LOCATION: **COLUMBUS ROAD BRIDGE**
DESCRIPTION: **SHOES & ROCKERS**
SPECIFICATIONS: **OHIO STATE BEAMING WORKS**
INSPECTED BY: **J.H. HERRON** DIRECTED BY: **H.B. & L. CO.**
SHOP PAINT: **1 - Gt. Lead Chromate (Per. Spec.) See Note**
FIELD PAINT: **3 - Gt. Lead Chromate (Per. Spec.)**
MADE BY: **J.K.** DATE: **11-20** BY: **...**
TRACED BY: **J.K.** DATE: **9-25** CHECK HOLE: **...**
CHECKED BY: **...**
SCALE: **1" = 1'-0"**
SECTION: **...**

Max. Shipping Lgt. _____
End Distance _____
Date _____
Revised _____

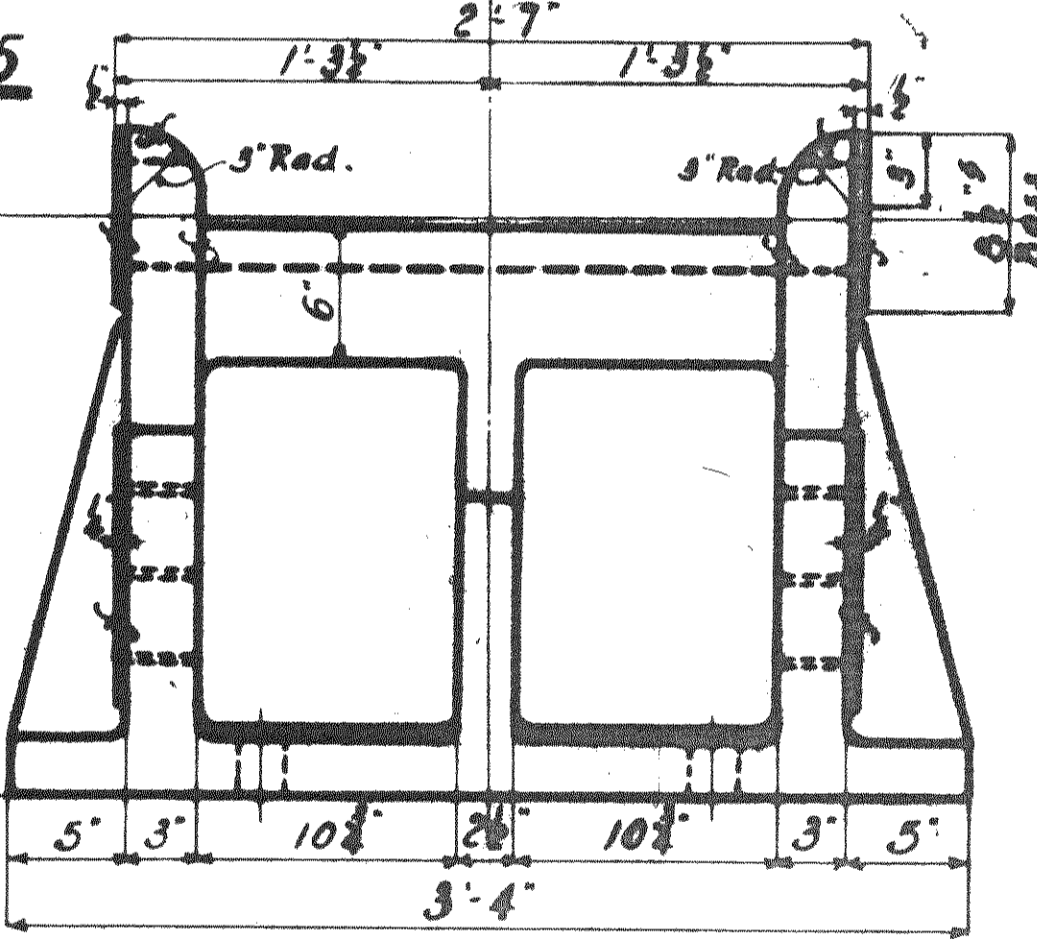
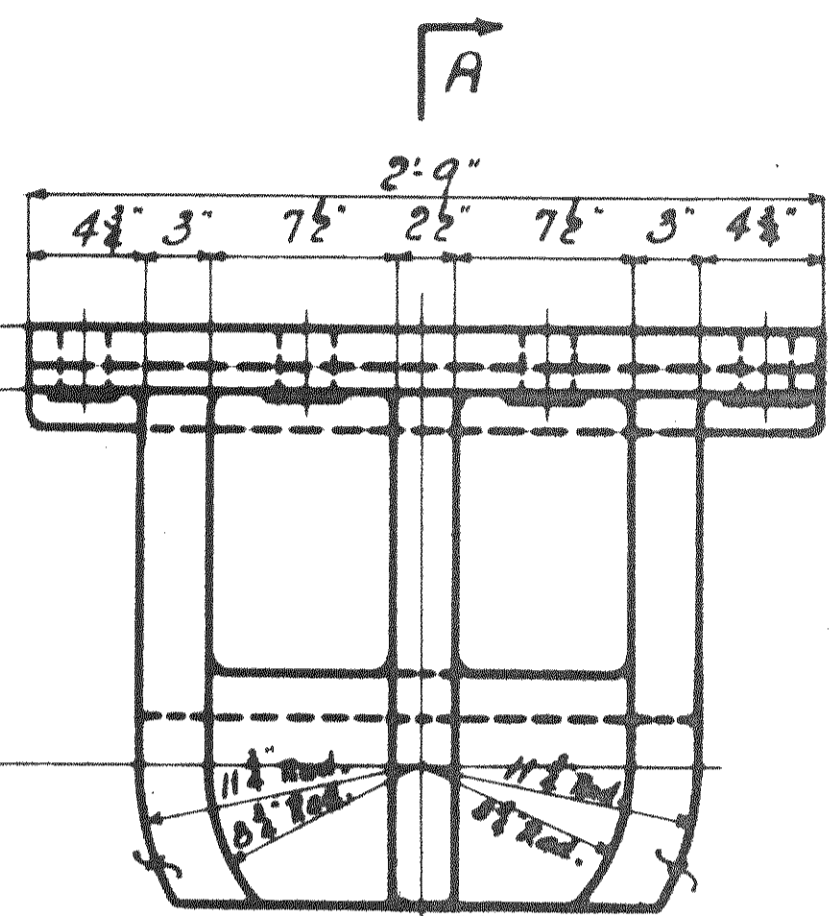
U.S. Std. Thread
6 - Threads Per Inch To Fit Pins 3D4 & 3D5

Drill Holes For 1 1/2" Turned Bolts
With Roller Bosses On Cont. 6/17 1/2" Floor Beams. Cont. 6/19 in place.



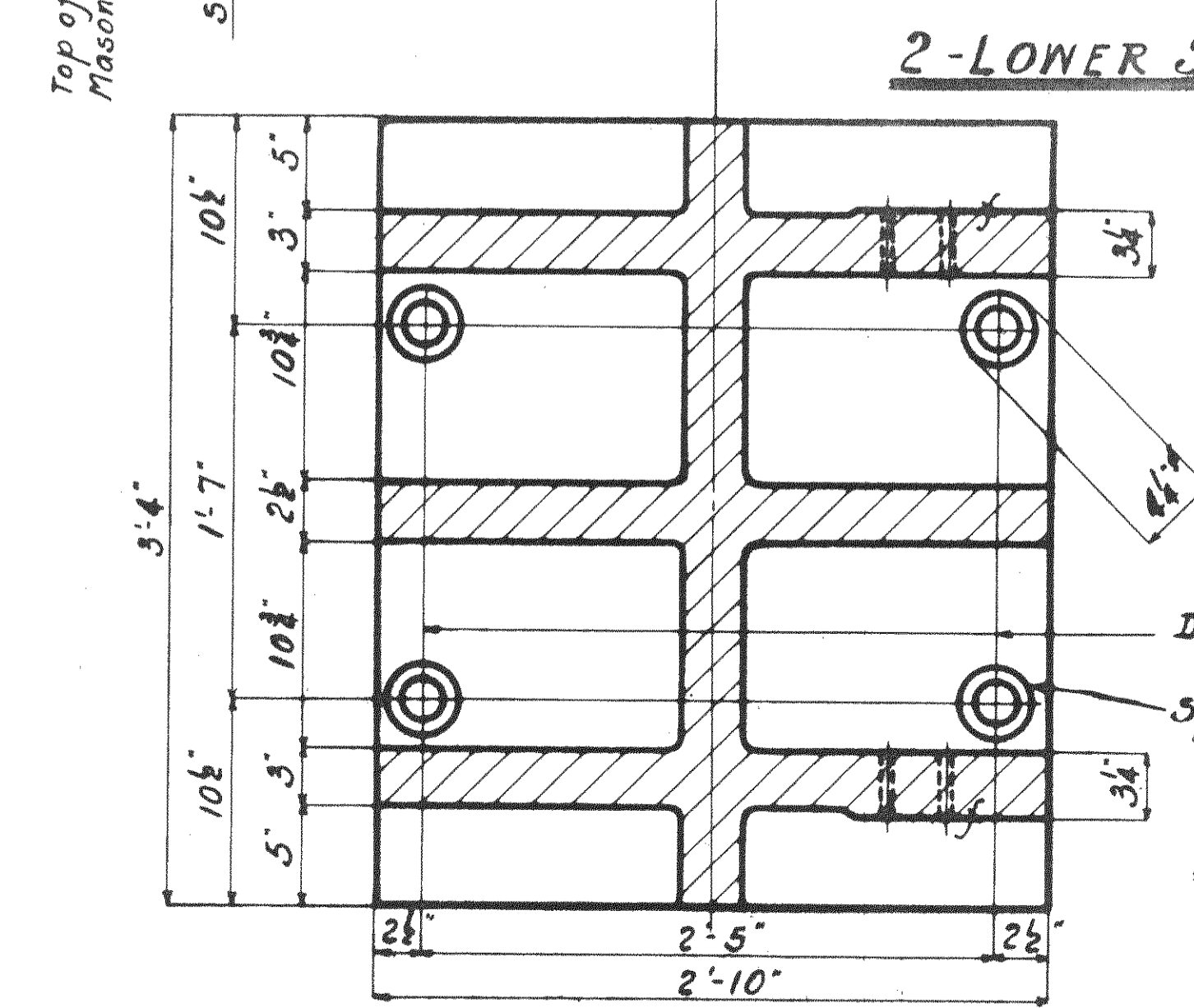
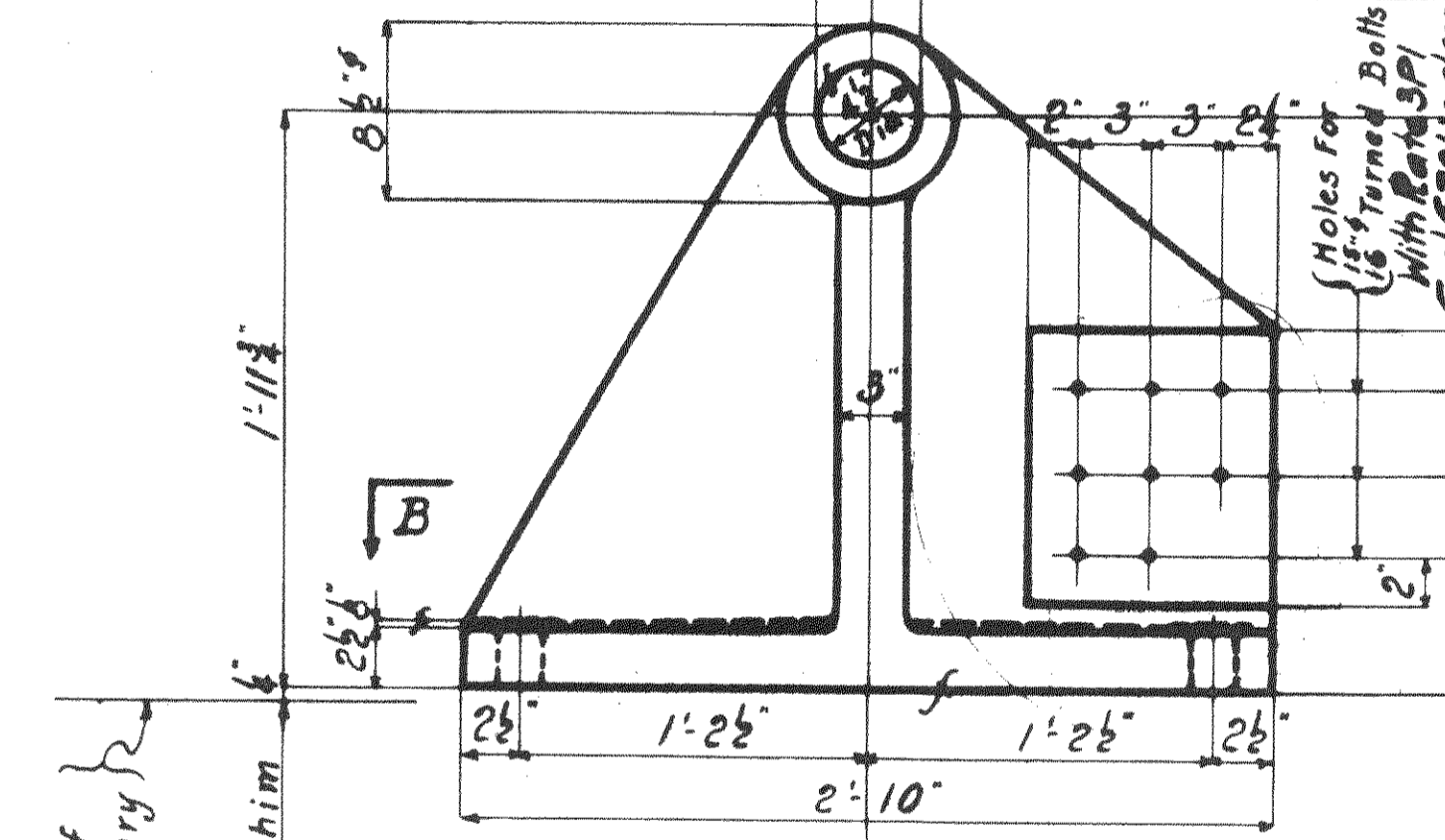
2-UPPER SHOES - PATT. # 2005

CAST STEEL
(FIXED END FOR LIFT SPAN)

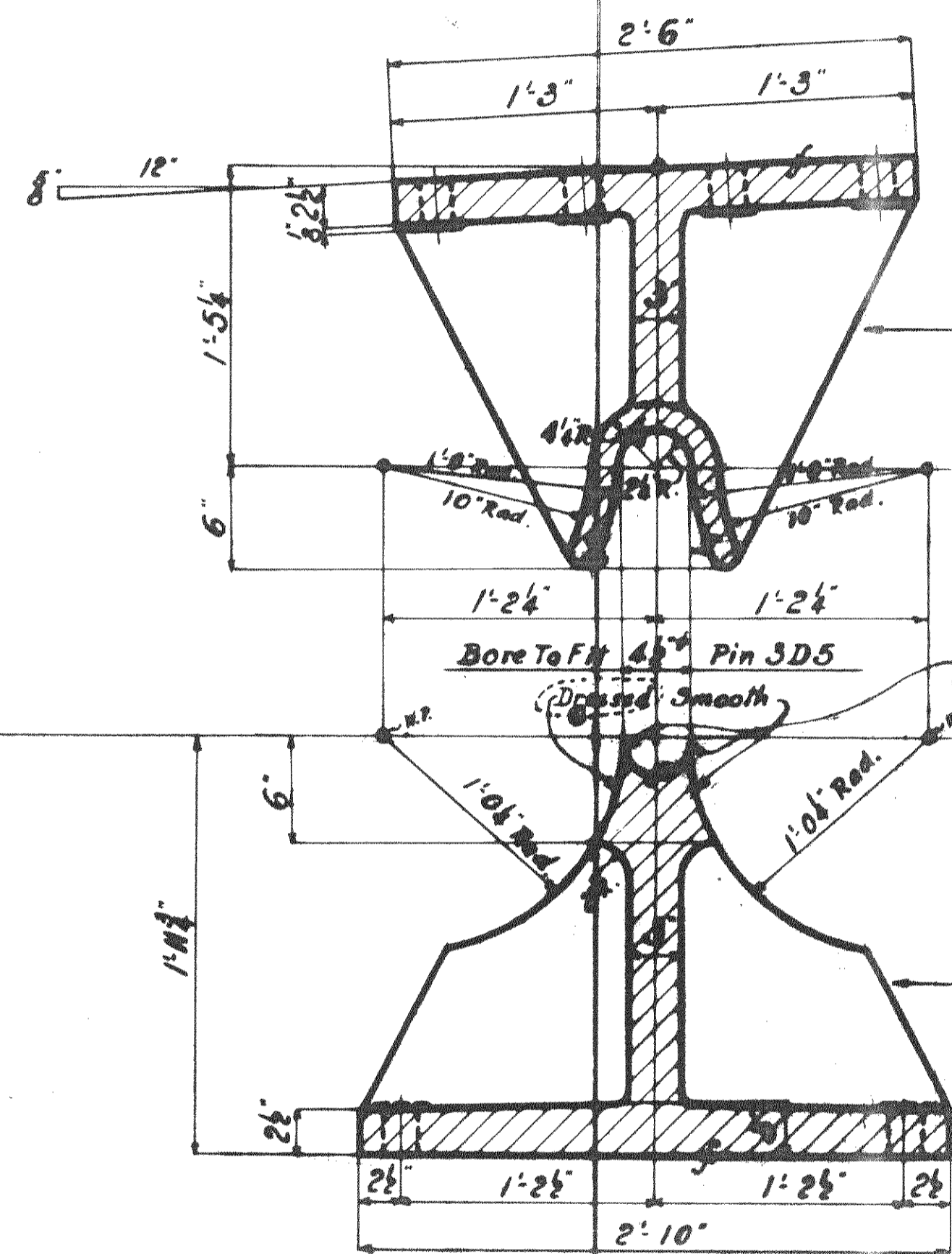


2-LOWER SHOES - PATT. # 2006 (FIXED END FOR LIFT SPAN)

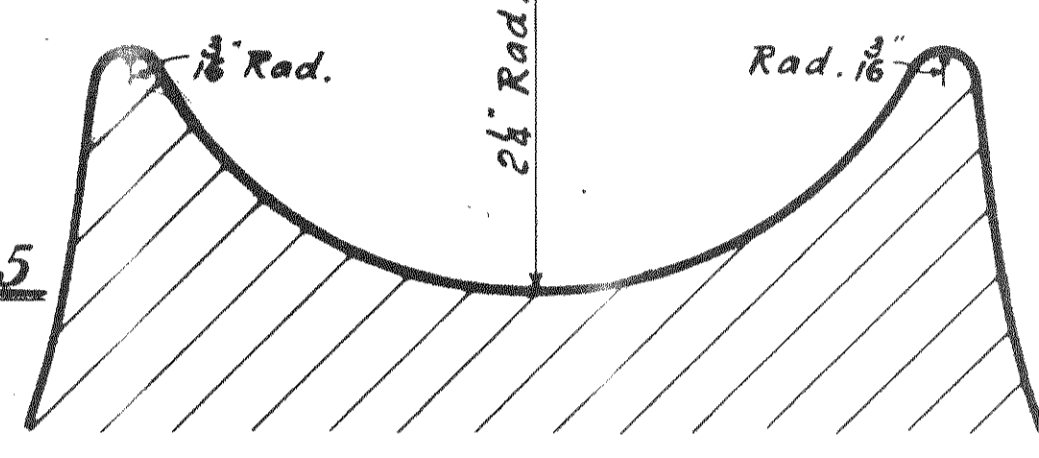
CAST STEEL



SECTION - BB



SECTION - AA



SUMMARY OF PARTS					
Sec't	NO.	MAT'L.	DESCRIPTION	MARK	BILL
C	2	CAST STEEL	UPPER SHOES	PATT. #2005	M2a-2f
C	2	CAST STEEL	LOWER SHOES	PATT. #2006	-

NOTE:-
ALL MACHINED SURFACES TO RECEIVE
1 - COAT WHITE LEAD & TALLOW.
All castings to be annealed

NOTE:-
SHIP IN PLACE ON PATT. # 2006
1 - PIN - 3D5
2 - WASHERS - 3D7
2 - NUTS - N. 6.5 - 3HT. #1.

P.W.A. - NO. - O.H. - 1756 - F.

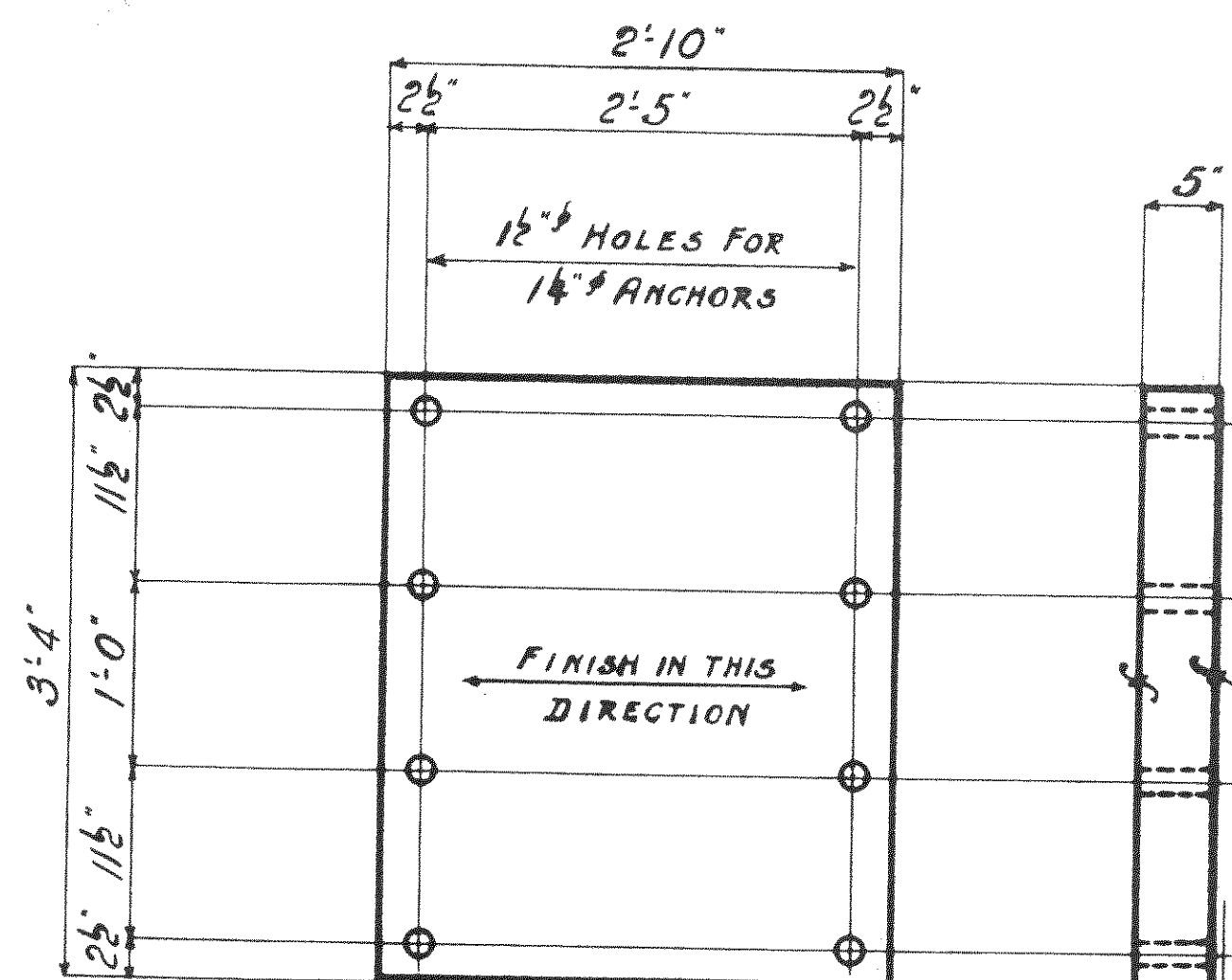
WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR: CITY OF CLEVELAND
LOCATION: CLEVELAND, OHIO
DESCRIPTION: COLUMBUS ROAD BRIDGE
DETAILS OF: SHOES

SPECIFICATIONS: OHIO STATE BEARING SEE NOTES
INSPECTED BY: J. M. HERRON, RESPECTED BY: H. D. G. I. Co.
DRIP PAINT: 1 - Cr. Lead Chromate for Spalls
FIELD PAINT: 2 - Cr. Lead Chromate for Spalls

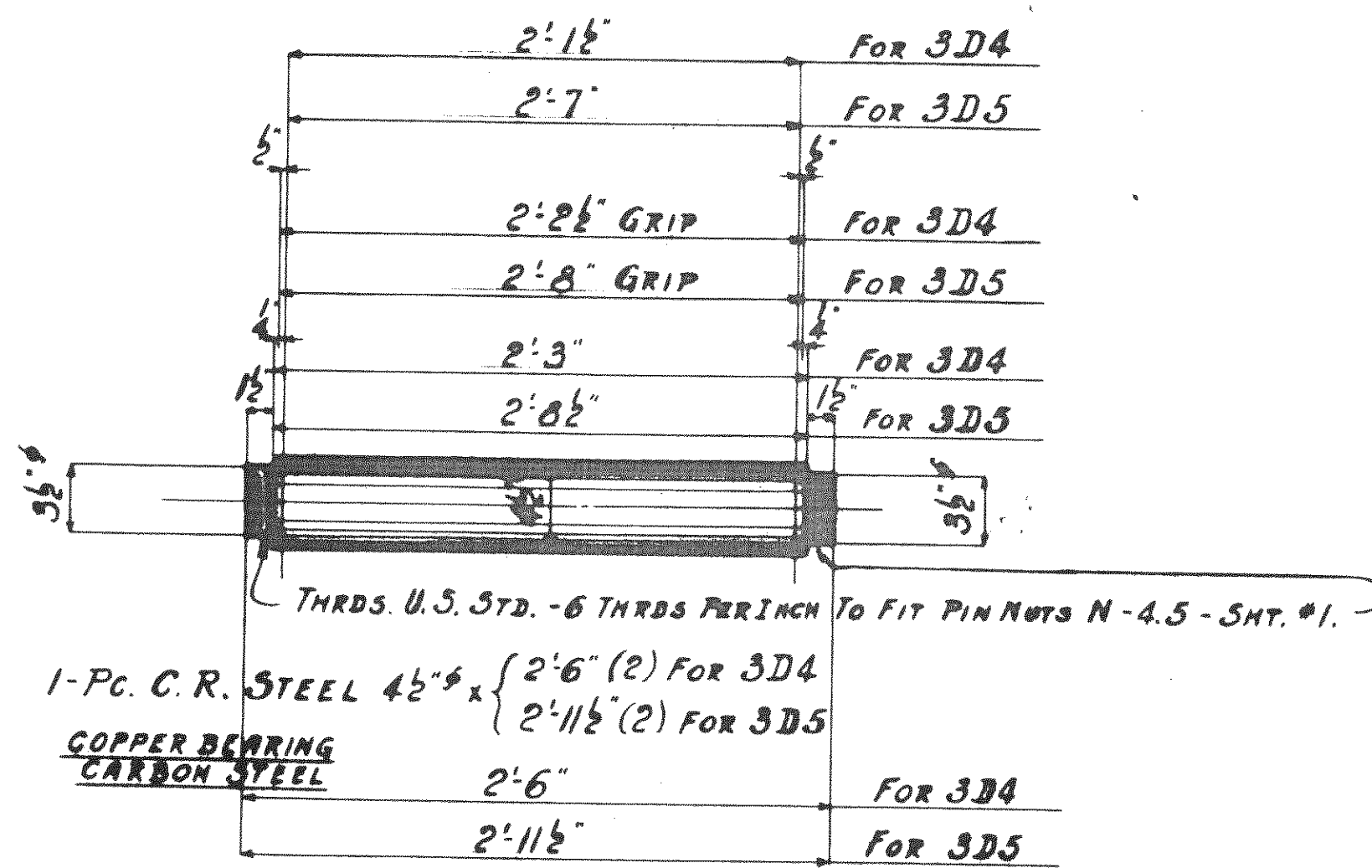
MADE BY: J. K. DATE: 7-11-35
TRACED BY: V. K. DATE: 8-11-35
CHECKED BY: H. D. G. I. Co. DATE: 8-11-35
SCALE: 1" = 1'-0"

RIVETS: -
OPEN HOLES: AS NOTED
WELDED JOINTS: -
SHEET NO. 2



1-SLAB - 40 x 5 - 2'10" (2)
(ORD. 5 1/8" THICK)

2-ROCKER BASES-3D1
EXPANSION END

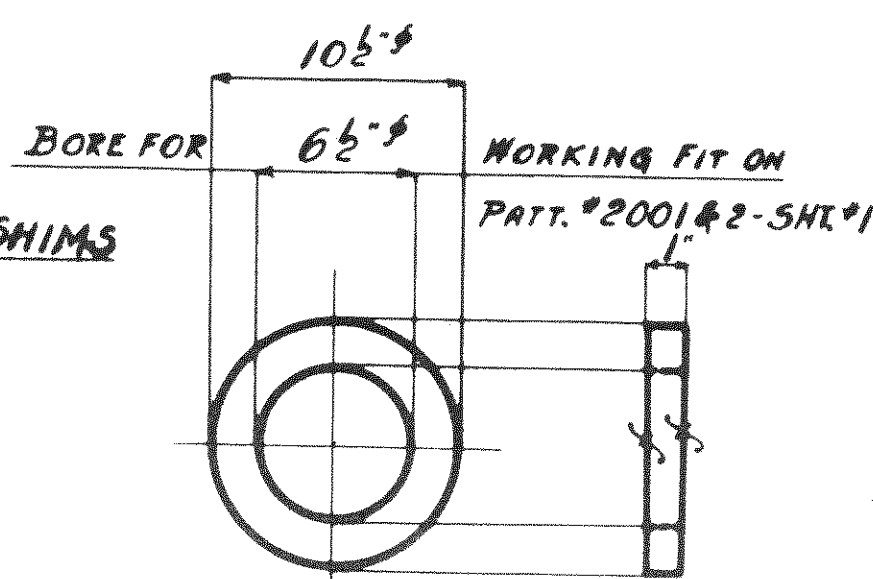


1-PC. C.R. STEEL 4 1/2" x (2'6" (2) FOR 3D4
2'11 1/2" (2) FOR 3D5)

COPPER BEARING
CARBON STEEL

2'6" FOR 3D4
2'11 1/2" FOR 3D5

2-PINS-3D4 SHIP IN PLACE WITH PAT. #2001 & 2-SHT.#1
2- " -3D5 SHIP IN PLACE WITH PAT. #2006-SHT.#2

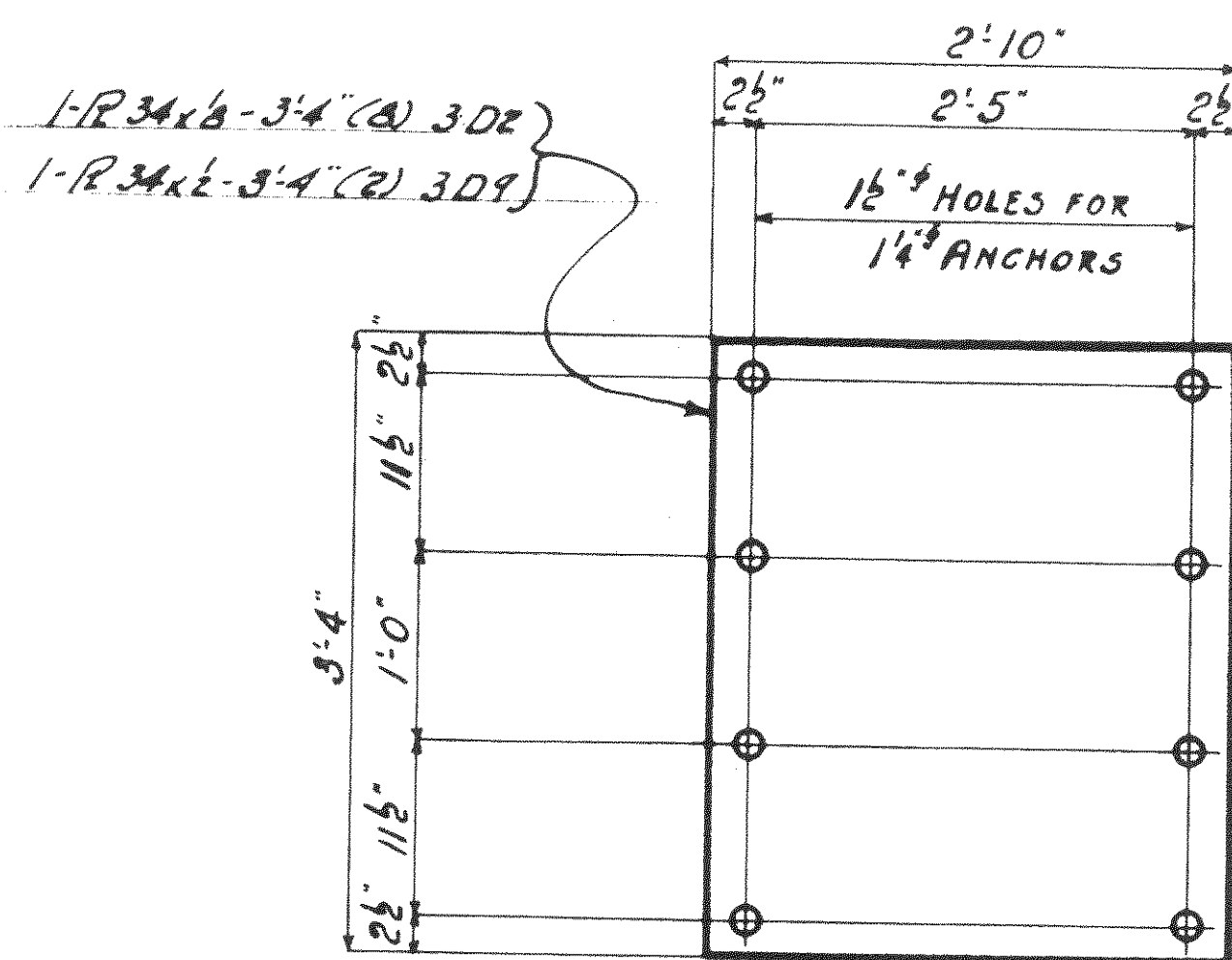


1-RING 10 1/2" x 1" THK. (4)
(ORD. 1 1/2" THK.)

1-WASHER 8 1/2" x 1/2" THK. (8)

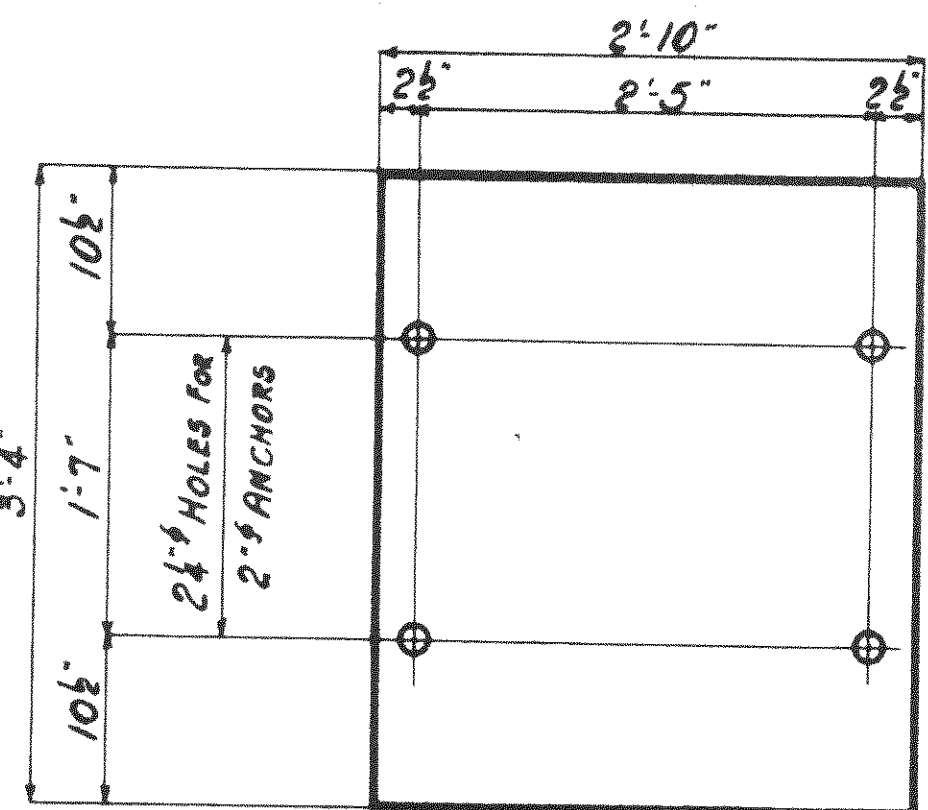
4-RINGS-3D6
SHIP IN PLACE ON PAT. #2001 & 2

8-WASHERS-3D7
(SHIP 4 IN PLACE ON PINS 3D4
SHIP 4 IN PLACE ON PINS 3D5)

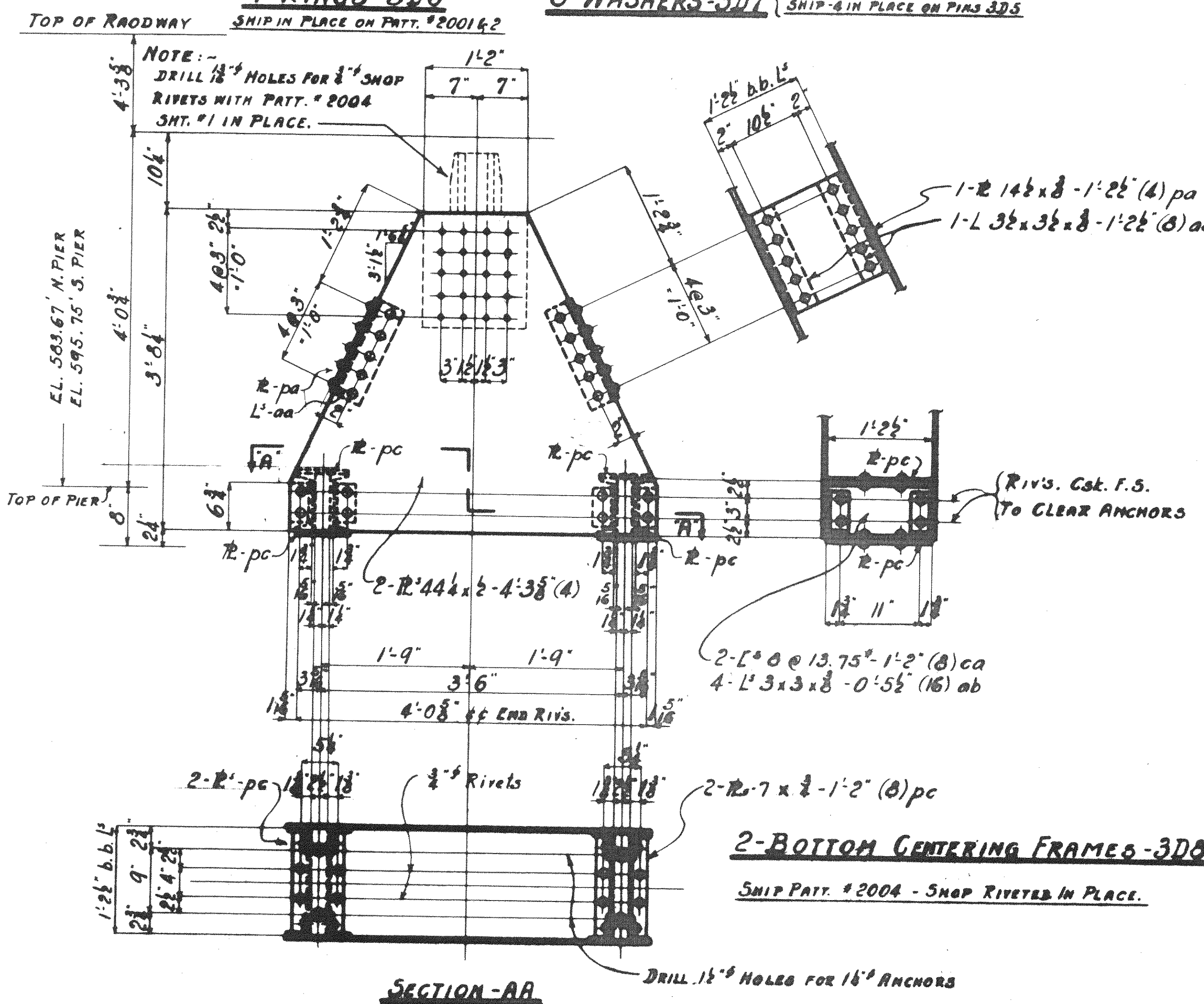


USE 2 SHIMS UNDER EACH
BEARING & OTHERS FOR FUTURE
ADJUSTMENTS.

2-SHIMS-3D9
8-SHIMS-3D2
EXPANSION END



1-R 34 x 6 - 3'4" (2)
8-SHIMS-3D3
FIXED END



SECTION-AA

2-BOTTOM CENTERING FRAMES-3D8
SHIP PAT. #2004 - SNAP RIVETS IN PLACE.

SUMMARY OF PARTS

QTY	NO.	DESCRIPTION	MARK	BILL	REMARKS
2	2	ROCKER BASES	3D1	M3a	
8	8	SHIMS	3D2		
2	2	"	3D3		
2	2	PINS	3D4		
2	2	"	3D5		
4	4	RINGS	3D6	M3b	
4	4	WASHERS	3D7		
1	1	BOTT. CENTERING FRAME	3D8		176
2	2	SHIMS	3D9		

NOTE:-
ALL MATERIAL COPPER BEARING
CARBON STEEL.
ALL FINISHED SURFACES TO
RECEIVE 1-COAT WHITE LEAD & TALLOW.

P.W.A.-NO.-OH.-1756-F

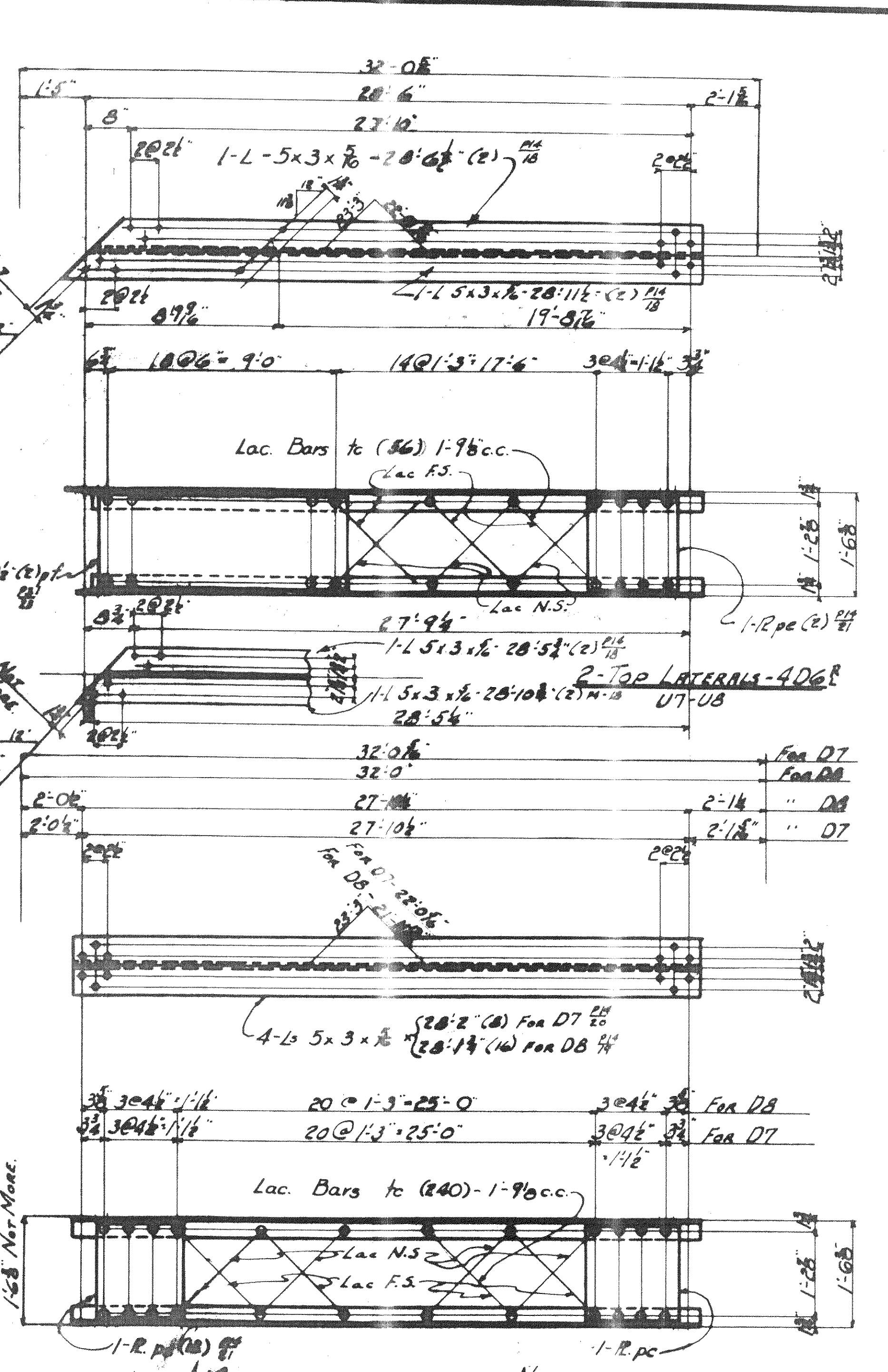
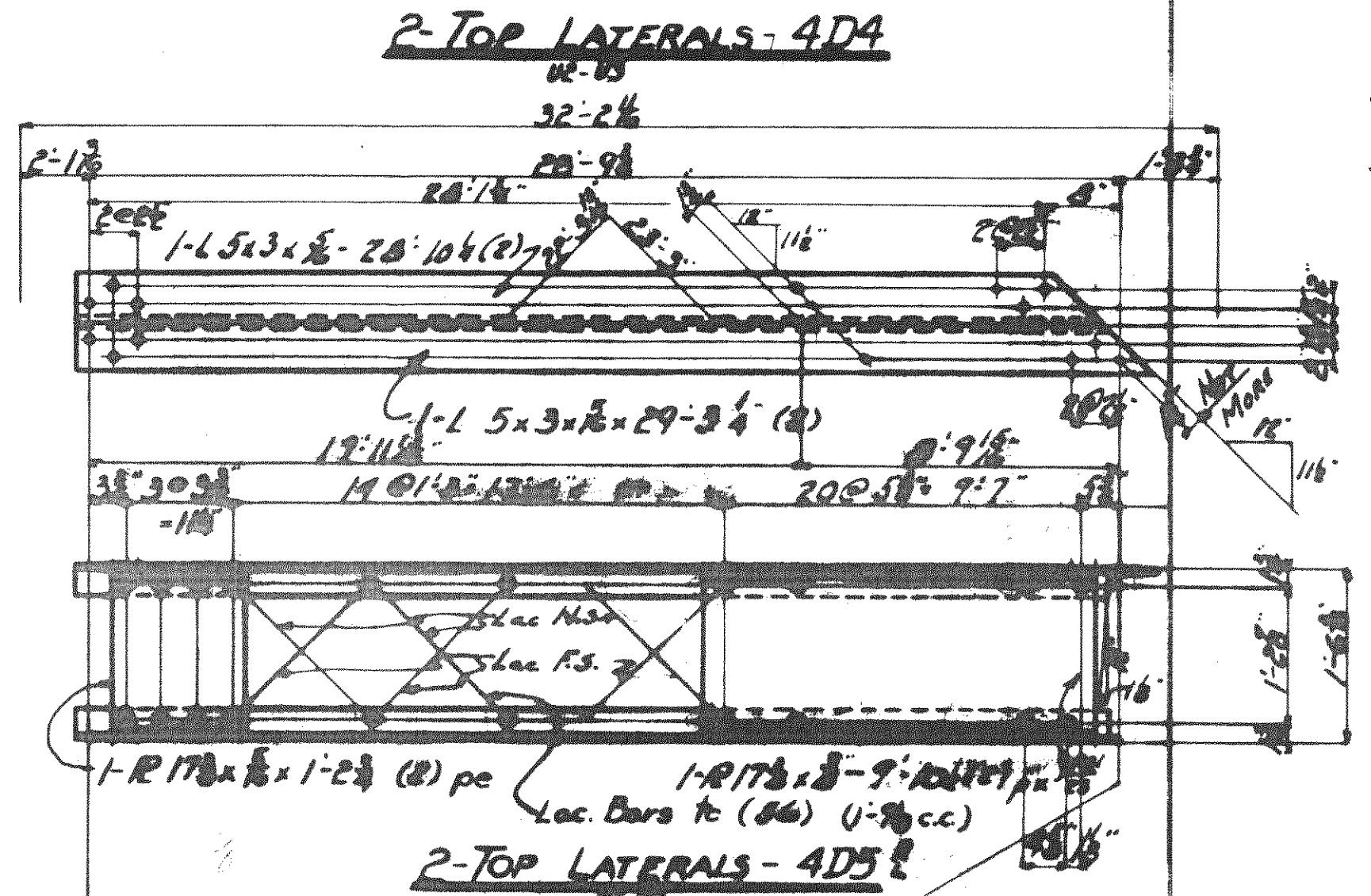
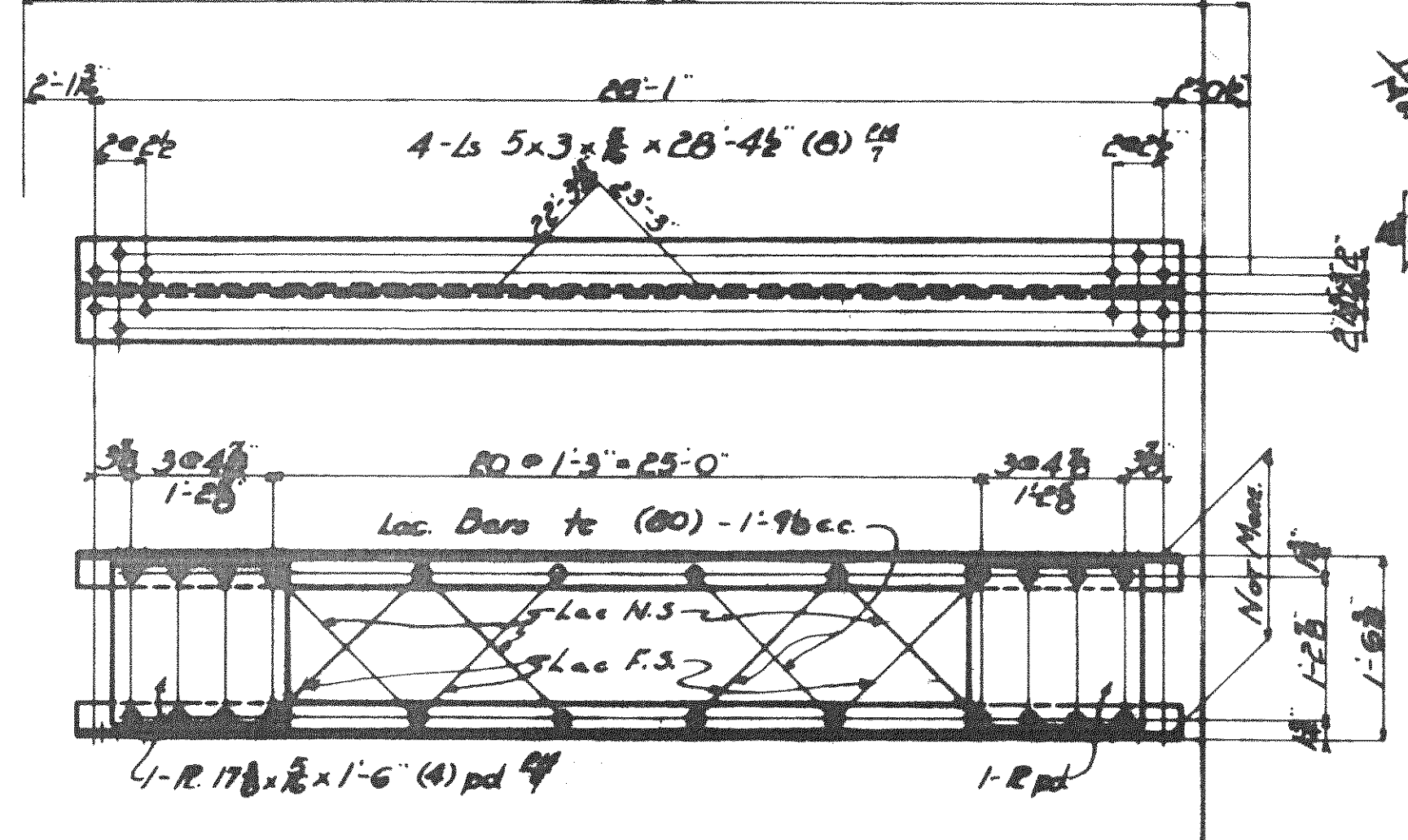
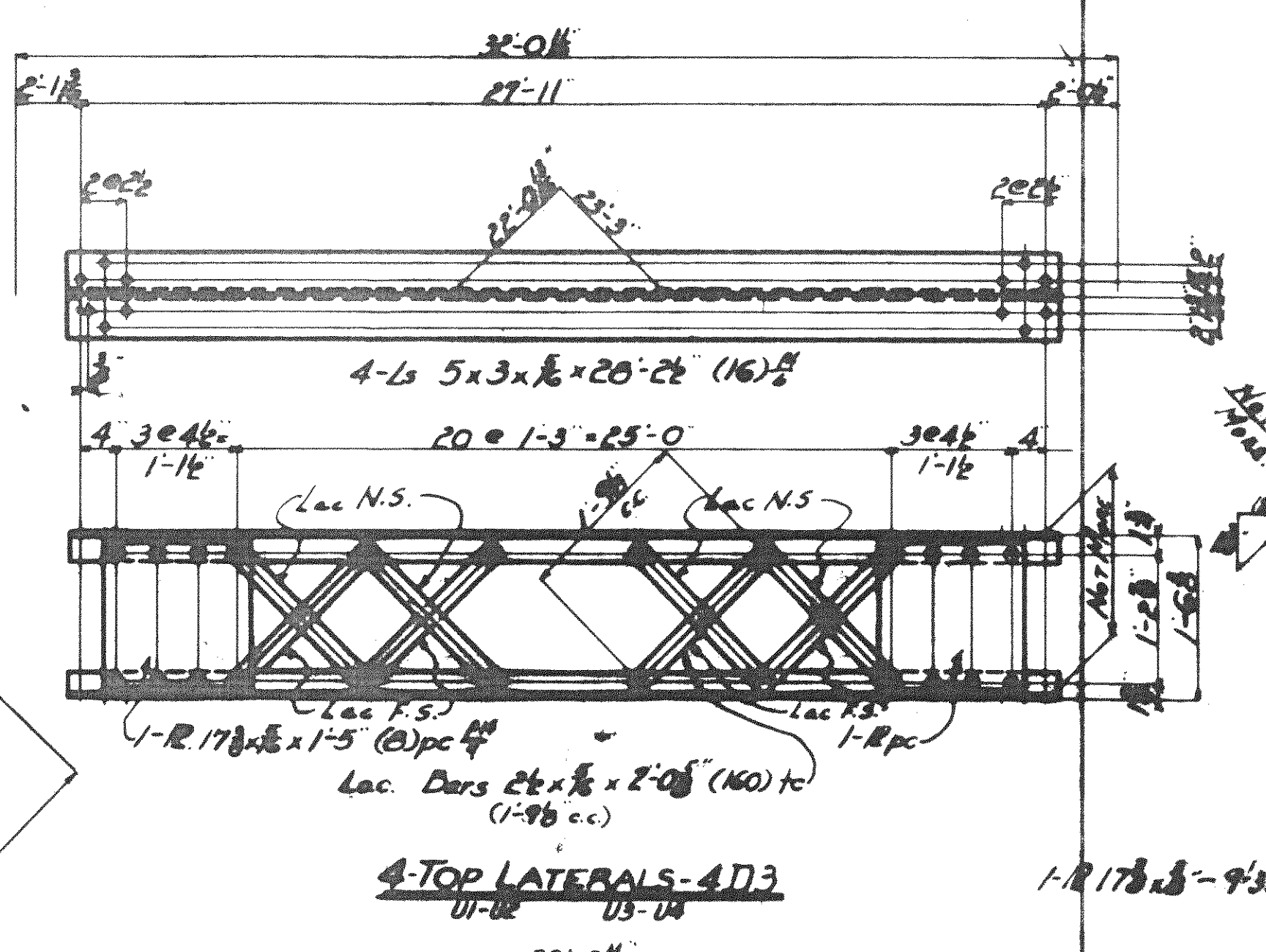
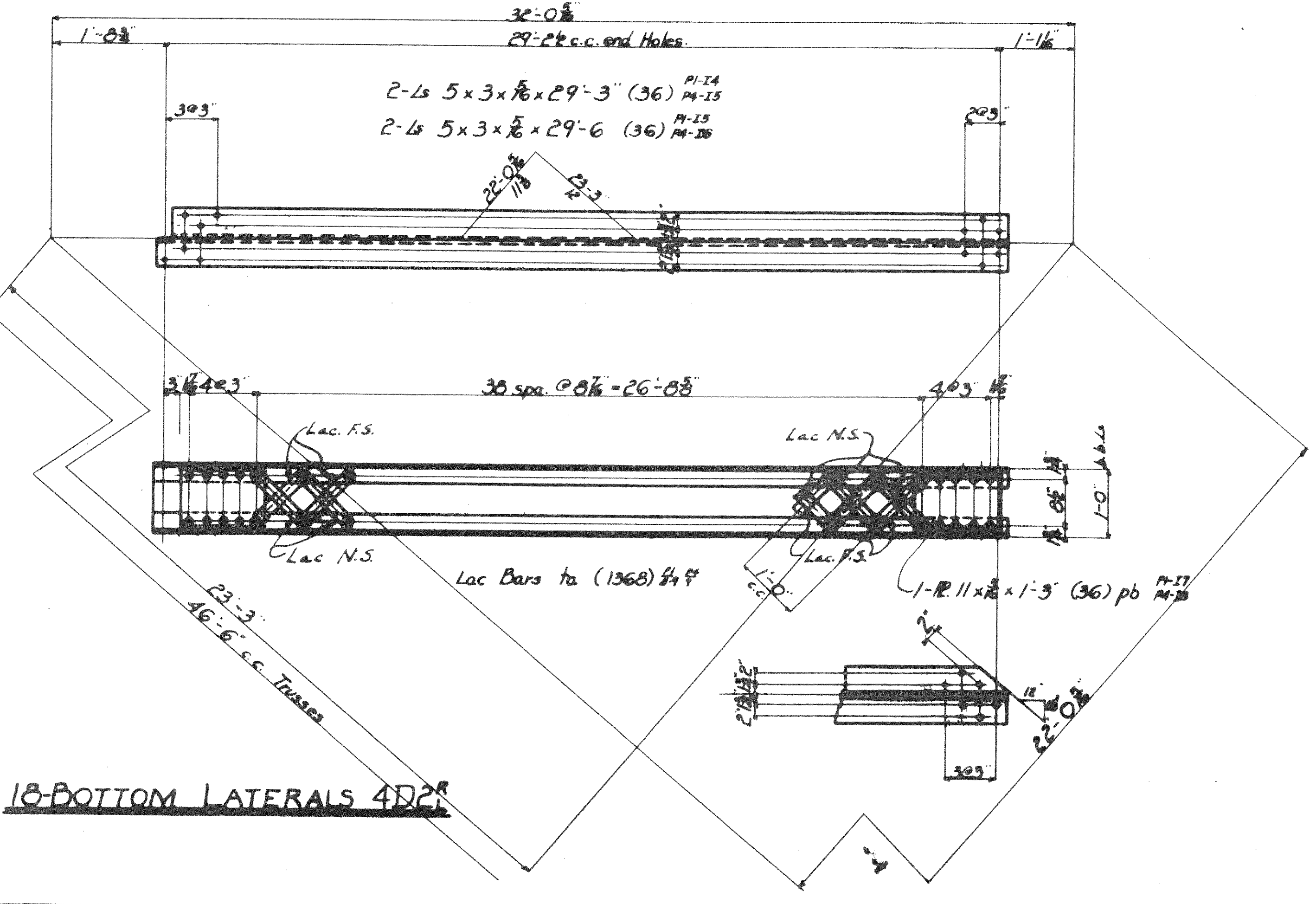
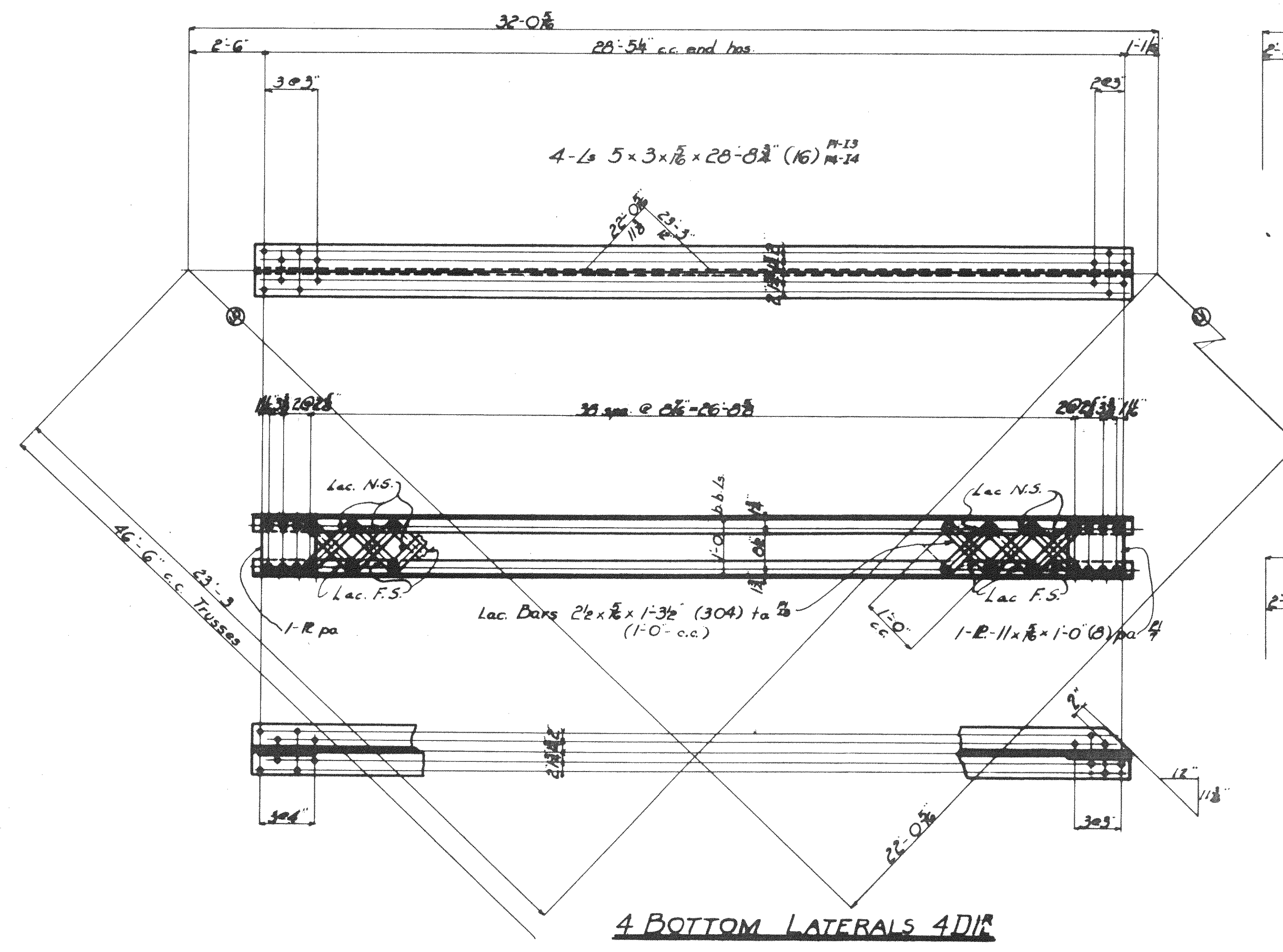
WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR: CITY OF CLEVELAND
LOCATION: CLEVELAND, OHIO
DESCRIPTION: COLUMBUS ROAD BRIDGE
DETAILS OF ROCKER BASES - SHIMS - PINS - R.C.P. BEAMS
SPECIFICATIONS: OHIO - STATE - BEARING - NONE
INSPECTED BY: L.H. HERRON - DIRECTED BY: M.B. I. CO.
SNOP PAINT: 1 - CL. Lead & Zinc Oxide (open spots) See Note
FIELD PAINT: 2 - Cls. per Specs.

MADE BY: M.E.T. DATE: 7-25 RIVETS: -
TRACED BY: M.K. DATE: 12-28 OPEN HOLES: AS NOTED
CHECKED BY: M.E.T. DATE: 12-28 UNLESS NOTED

SCALE: SECTION SHEET NO. 3

6000



SUMMARY OF PARTS

QTY	NO.	DESCRIPTION	MARK	BILL	S. RING
4	4	BOTTOM LATERALS	4D1B	M4	360
18	18	"	4D2B	M4	1478
4	4	TOP LATERALS	4D3	M4	216
2	2	"	4D4	M4	108
2	2	"	4D5	M4	102
2	2	"	4D6	M4	104
2	2	"	4D7	M4	108
4	4	"	4D8	M4	216

NOTES:
 No PAINT ON CONTACT SURFACES IN SHOP OR FIELD.
 SURFACES INACCESSIBLE AFTER ASSEMBLY OR ERECTION SHALL BE GIVEN TWO COATS OF PAINT.
 PRINT MARKS FOR SECT C TO BE IN PROFILES TO BE FRAME CUT & GRIND SMOOTH.
 ALL MATERIAL TO BE COPPER-BERRING.

4 TOP LATERALS 4D8
 UT-100 UT-100

2 TOP LATERALS 4D7
 US-09

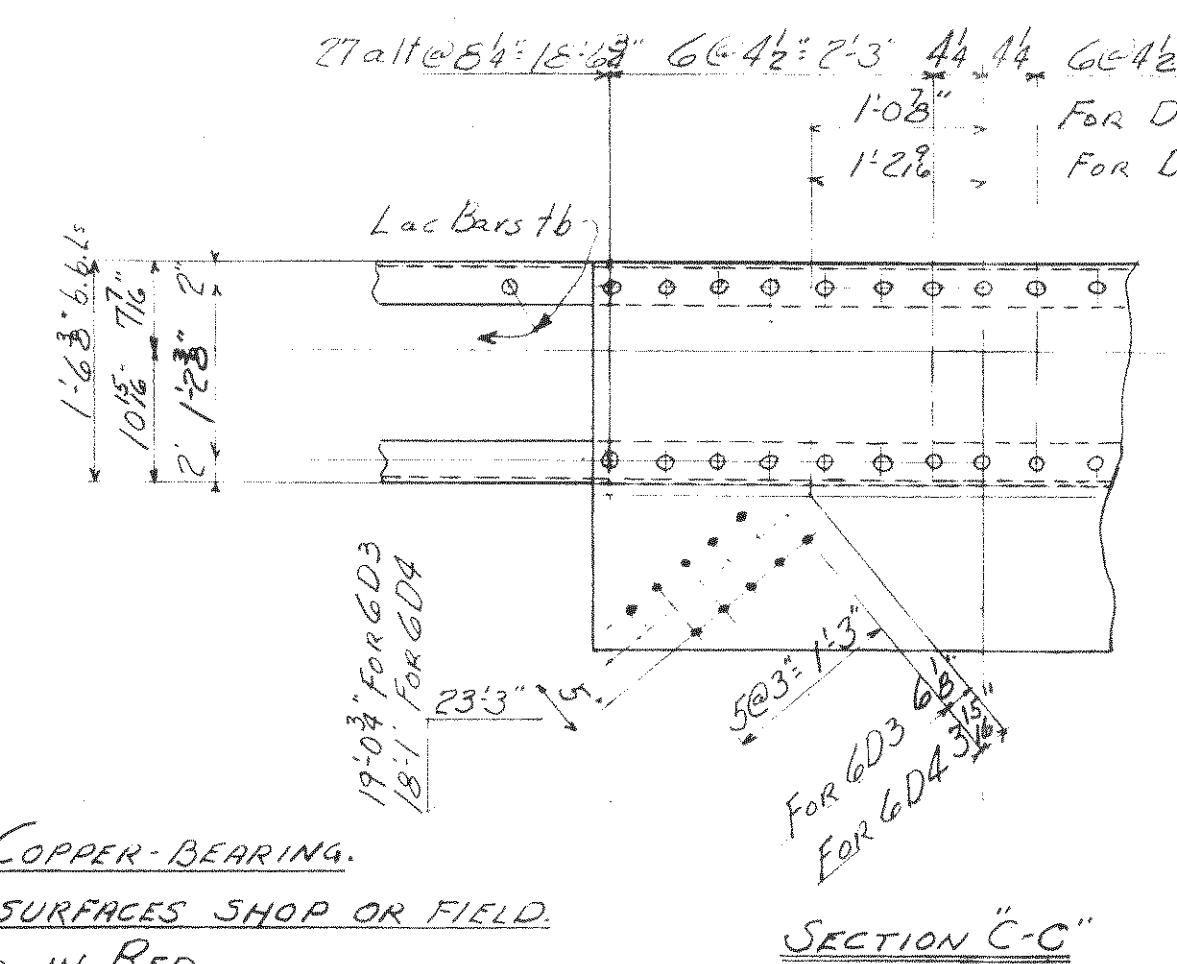
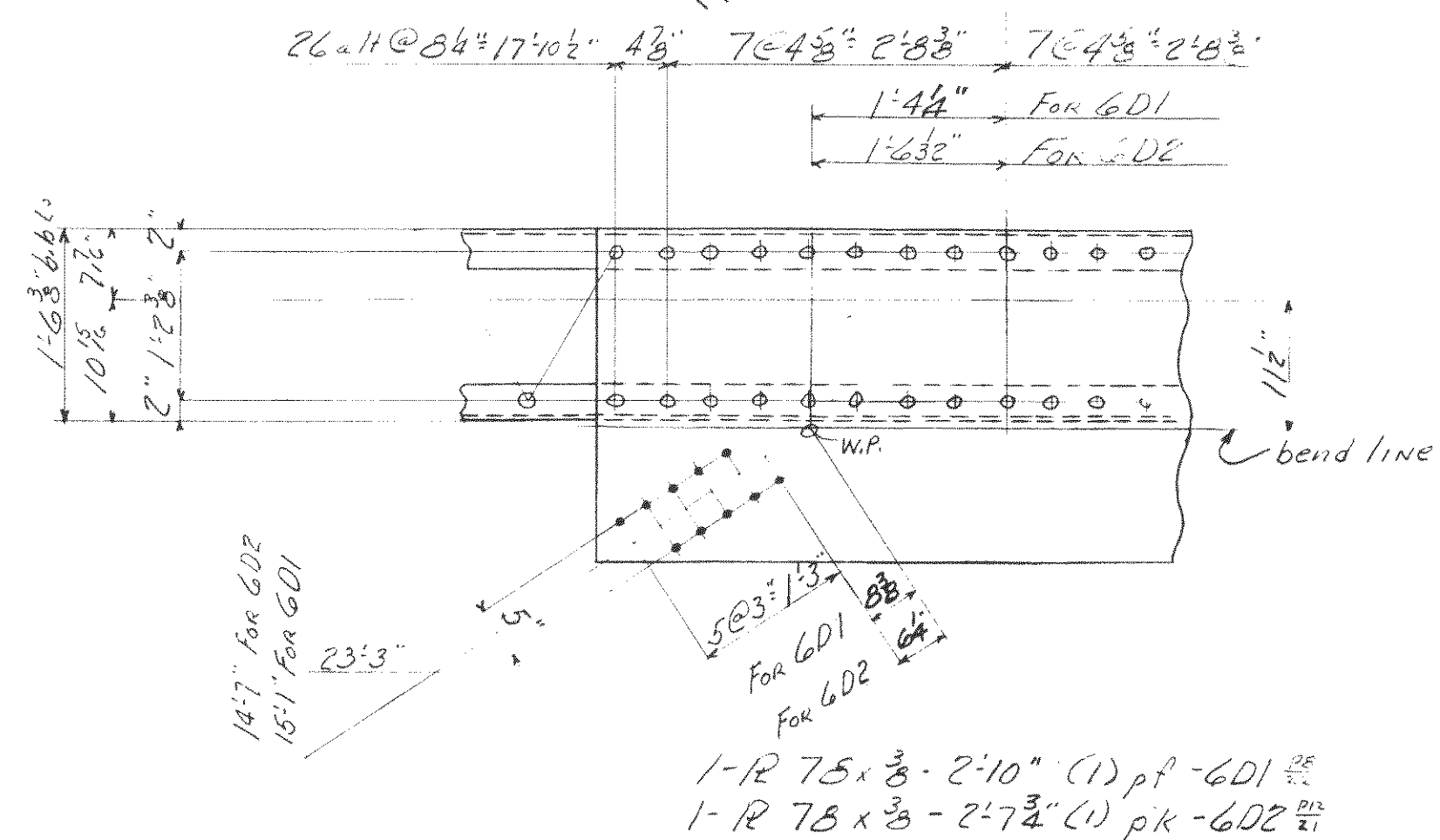
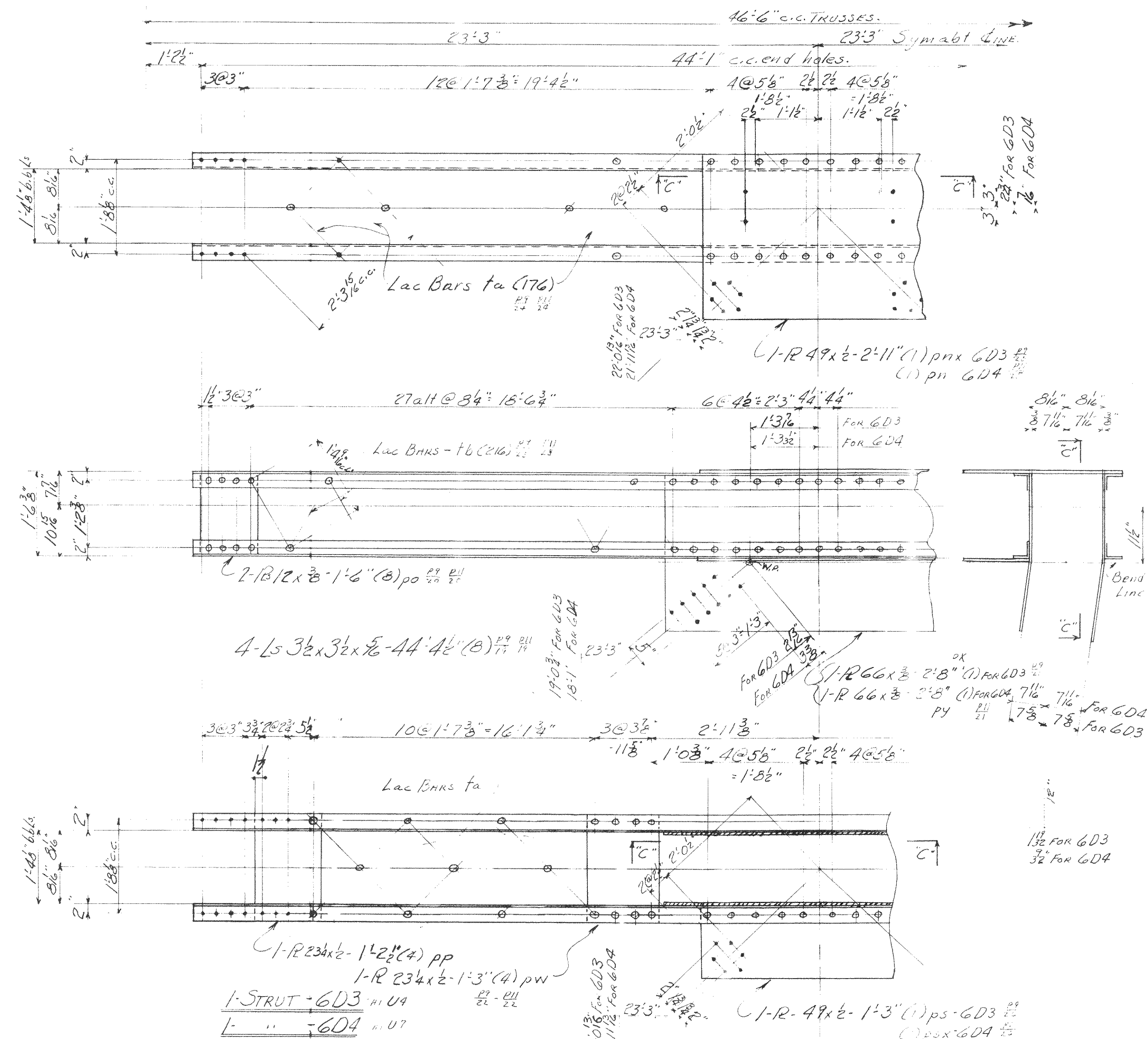
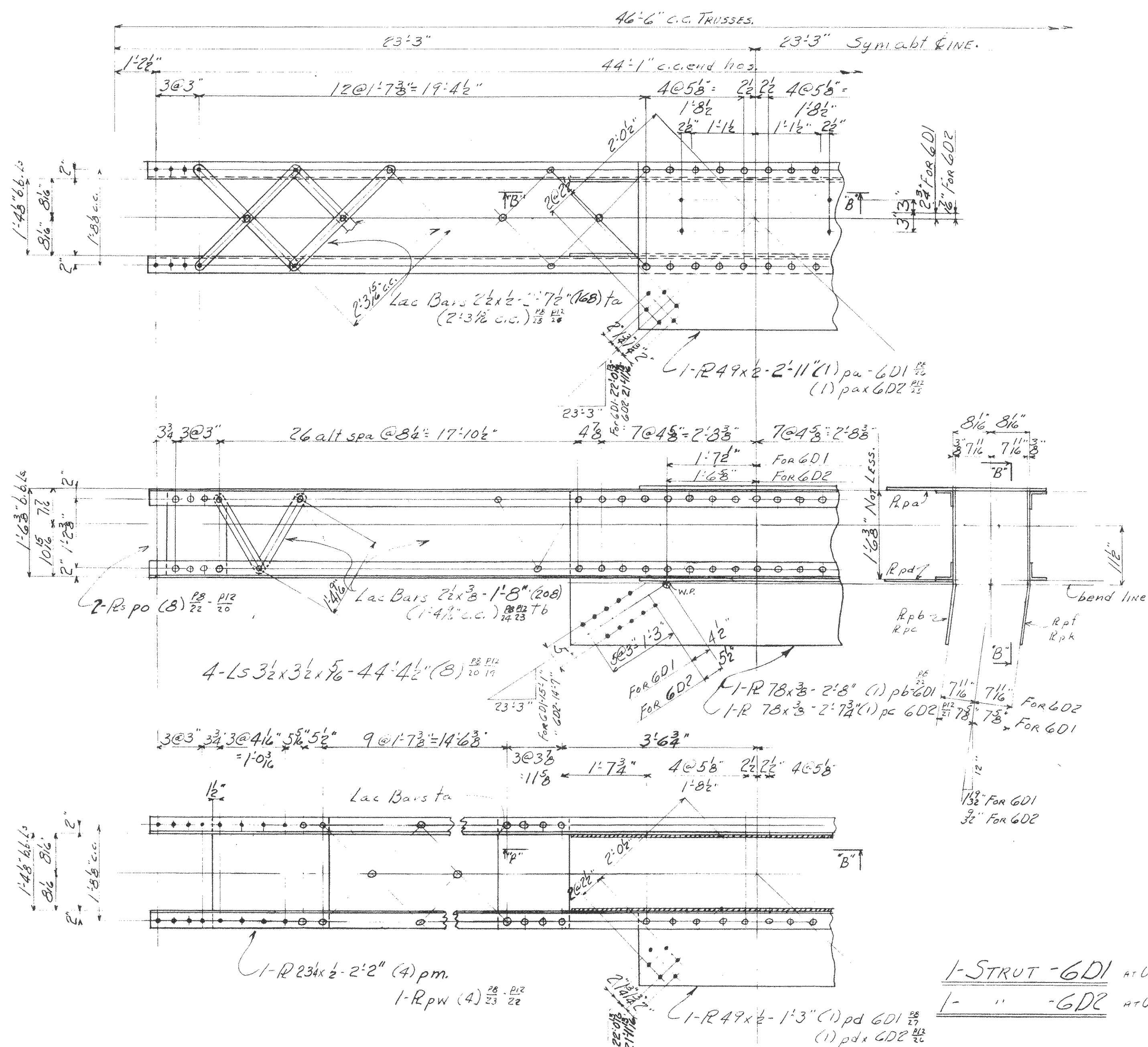
P.W.R. DOCKET No. OH 1756-F

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR CITY OF CLEVELAND, OHIO
 LOCATION CLEVELAND, OHIO
 DESCRIPTION COLUMBUS ROAD BRIDGE
 DETAILS OF TOP & BOTTOM LATERALS
 SPECIFICATIONS AND SYSTEMS USED: NONE
 INSPECTED BY: H. H. HARRISON
 SHOP PAINT: 1 CO. RED LEAD PAINT FOR SHOP USE
 FIELD PAINT: 1 CO. RED LEAD PAINT FOR FIELD USE

MADE BY: MKTZ DATE: 11-27 RIVETS: 57
 TRACED BY: W. H. DAVIS DATE: 12-27 OPEN HOLES: 2
 CHECKED BY: J. W. B. DATE: 12-27 WELDED NOTED

SCALE: 1" = 1'-0" SHEET NO. 4



GENERAL NOTES:-
 ALL MATERIAL TO BE COPPER-BEARING.
 NO PAINT ON CONTACT SURFACES SHOP OR FIELD.
 ALL MARKS TO BE PRINTED IN RED.

SUMMARY OF PARTS.

QTY	NO	DESCRIPTION	MANUFACTURER	BILL NO.	RIVETS
1	1	STRUT	G01	M66	368
1	1	"	G02	"	368
1	1	"	G03	M66	368
1	1	"	G04	"	368

P.W.A. DOCKET No. OH-1756F

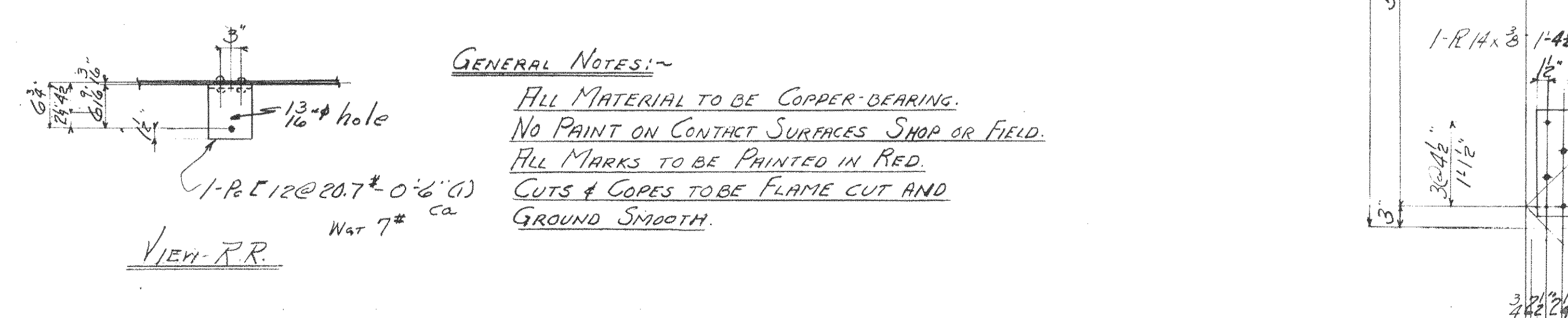
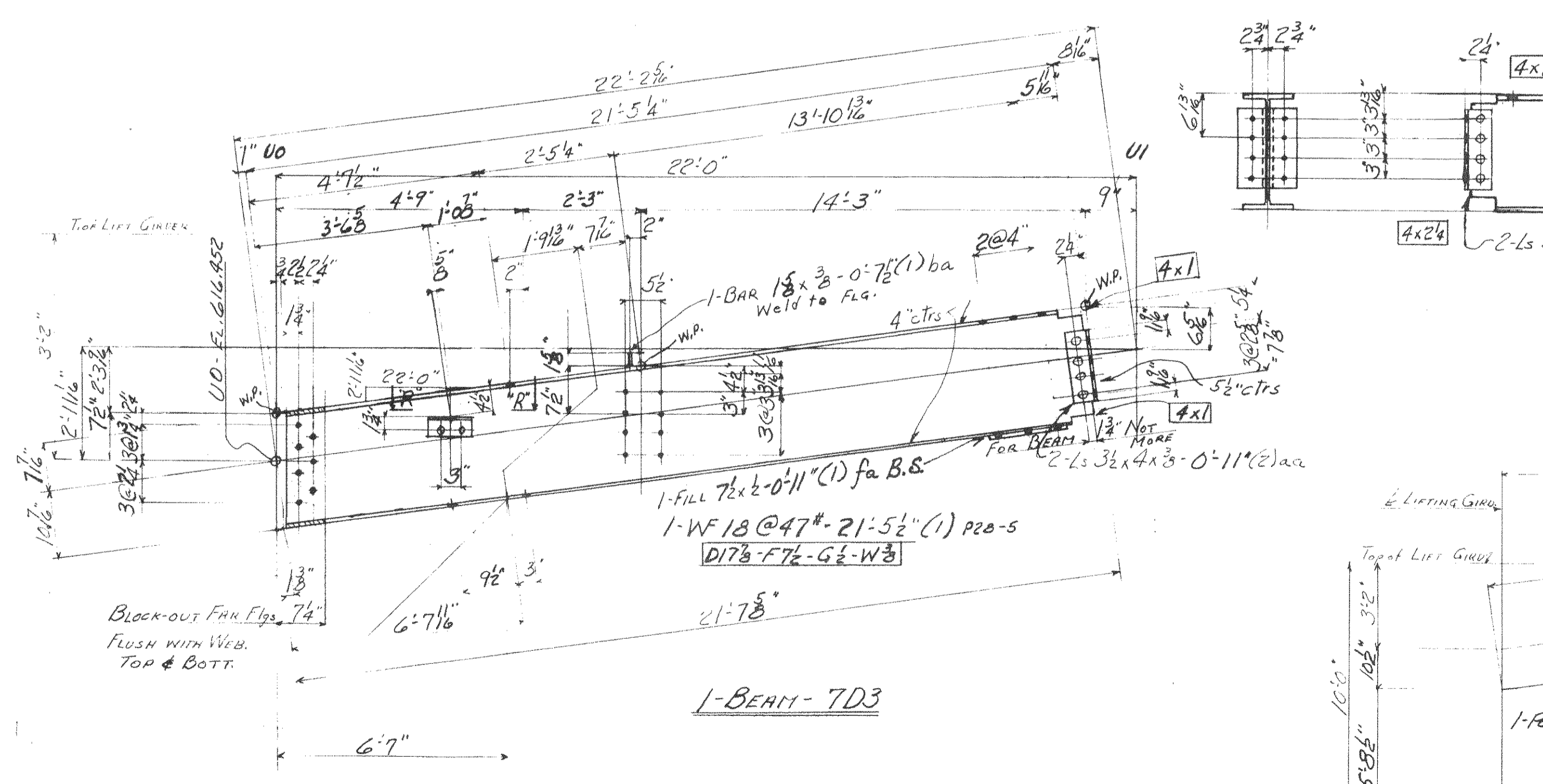
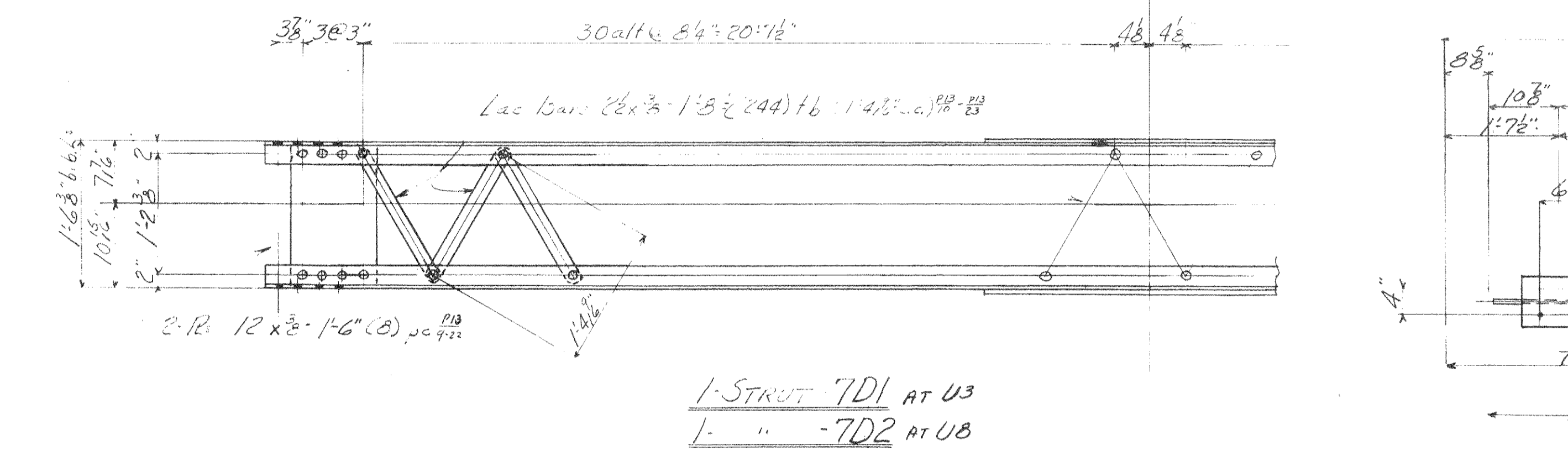
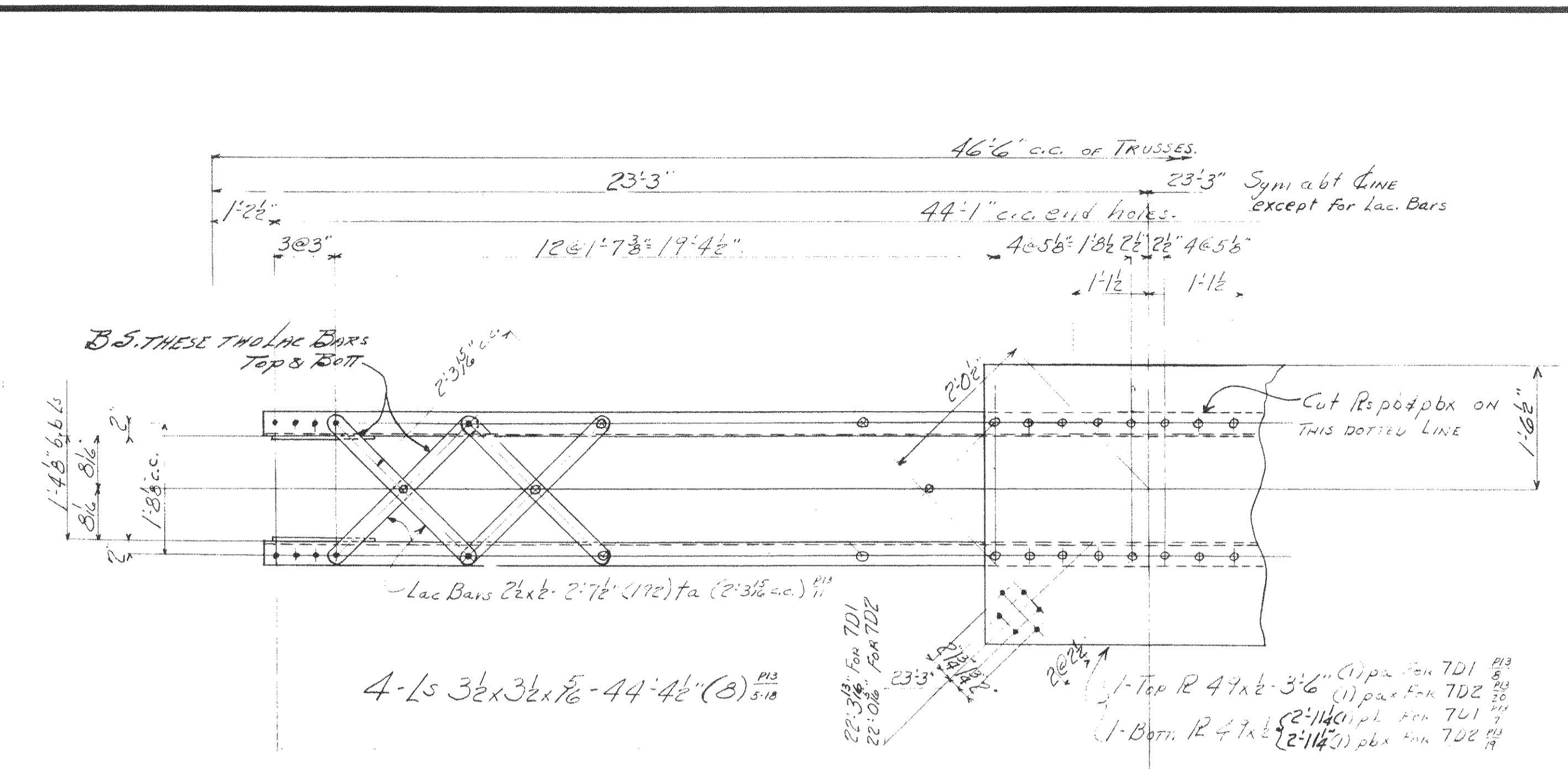
WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR: CITY OF CLEVELAND
 LOCATION: CLEVELAND, OHIO
 DESCRIPTION: CLEVELAND ROAD BRIDGE
 DETAILS OF TRUSS: STAYS AT U.P. 2-7 & 9
 SPECIFICATIONS: AS PER DRAWING REMAINING NONE
 INSPECTED BY: J.H. HERREN, ERCTED BY W.B.E.L. CO.
 SHOP PAINT: 100% LEAD CHROMATE PER SPEC.
 FIELD PAINT: 20% LEAD PER SPEC.

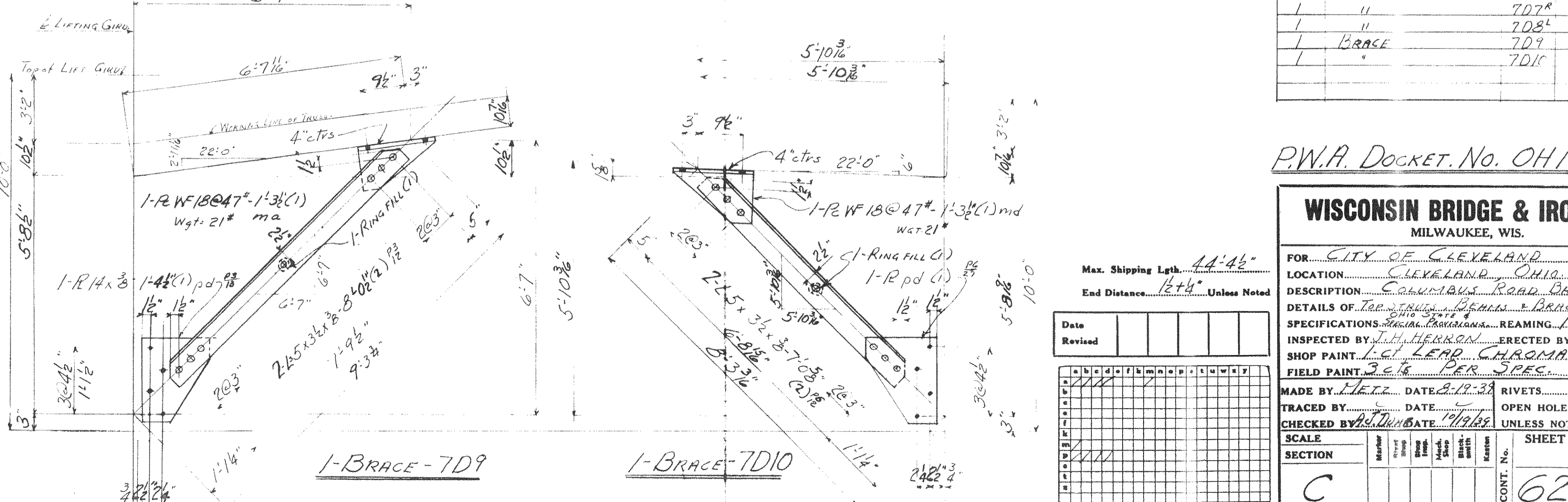
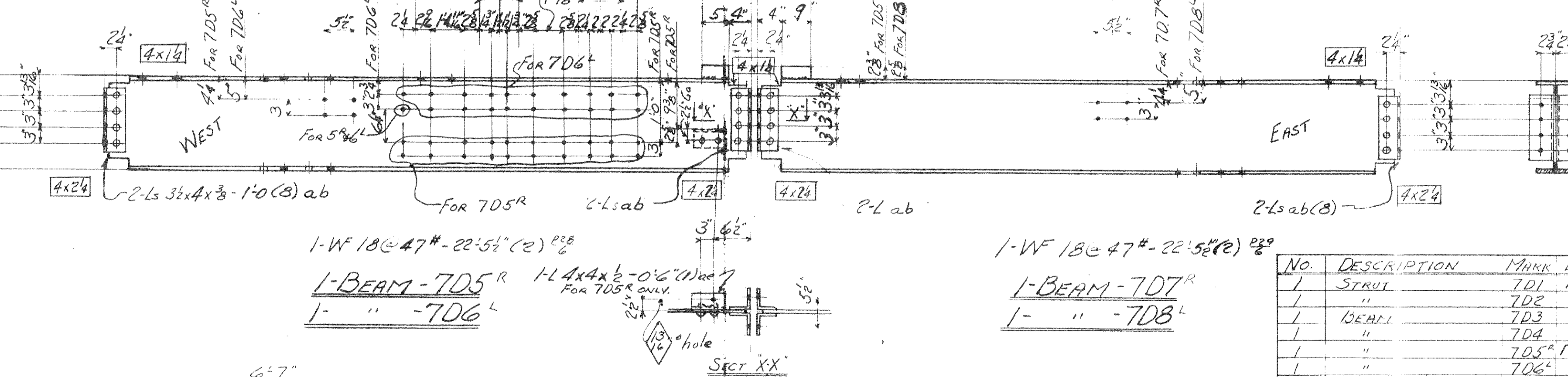
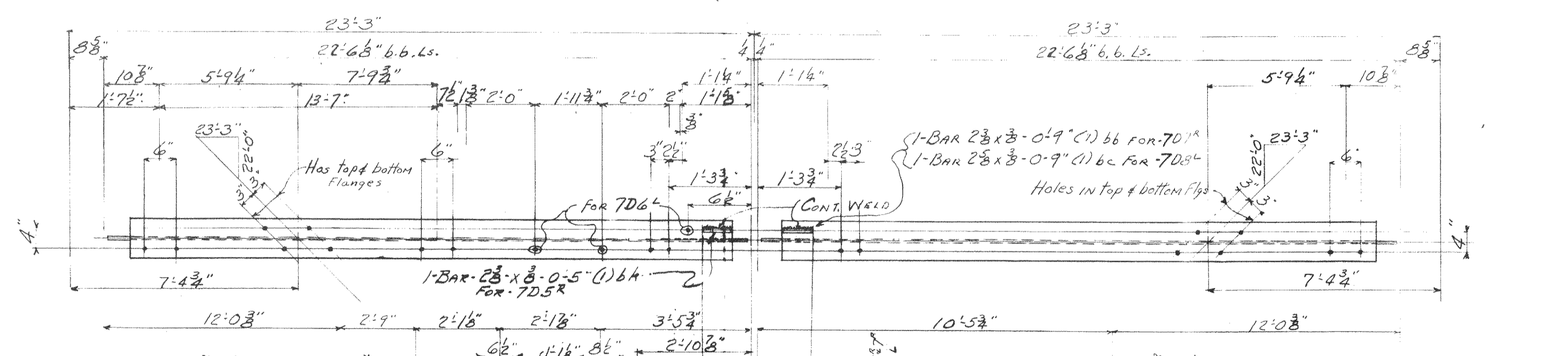
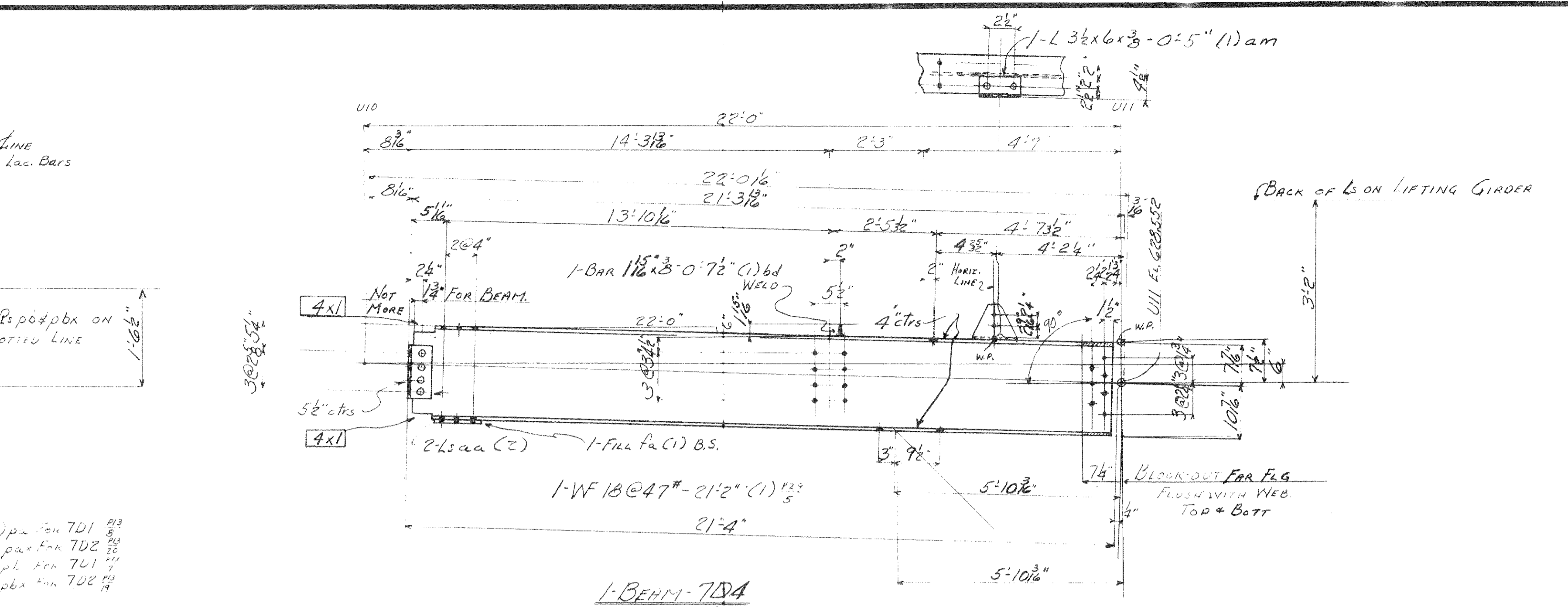
MADE BY: M.E.L. DATE: 8-26-37 RIVETS: 368
 TRACED BY: DATE: OPEN HOLES: 1/2
 CHECKED BY: DATE: 10-26-37 UNLESS NOTED
 SCALE: SHEET No. 6
 SECTION: C CONT. No. 6200

Max. Shipping Lth. 44'-4"
 End Distance: 12'-4" Unless Noted

Date	Revised



GENERAL NOTES:-
 ALL MATERIAL TO BE COPPER-BEARING.
 NO PAINT ON CONTACT SURFACES SHOP OR FIELD.
 ALL MARKS TO BE PAINTED IN RED.
 CUTS & COPES TO BE FLAME CUT AND GROUND SMOOTH.



No.	DESCRIPTION	MARK	BILL	RIVETS
1	STRUT	7D1	MTR	320
1	"	7D2	"	320
1	"	7D3	"	4
1	"	7D4	"	4
1	"	7D5	P776	10
1	"	7D6	"	8
1	"	7D7	"	8
1	"	7D8	"	8
1	BRACE	7D9	"	6
1	"	7D10	"	6

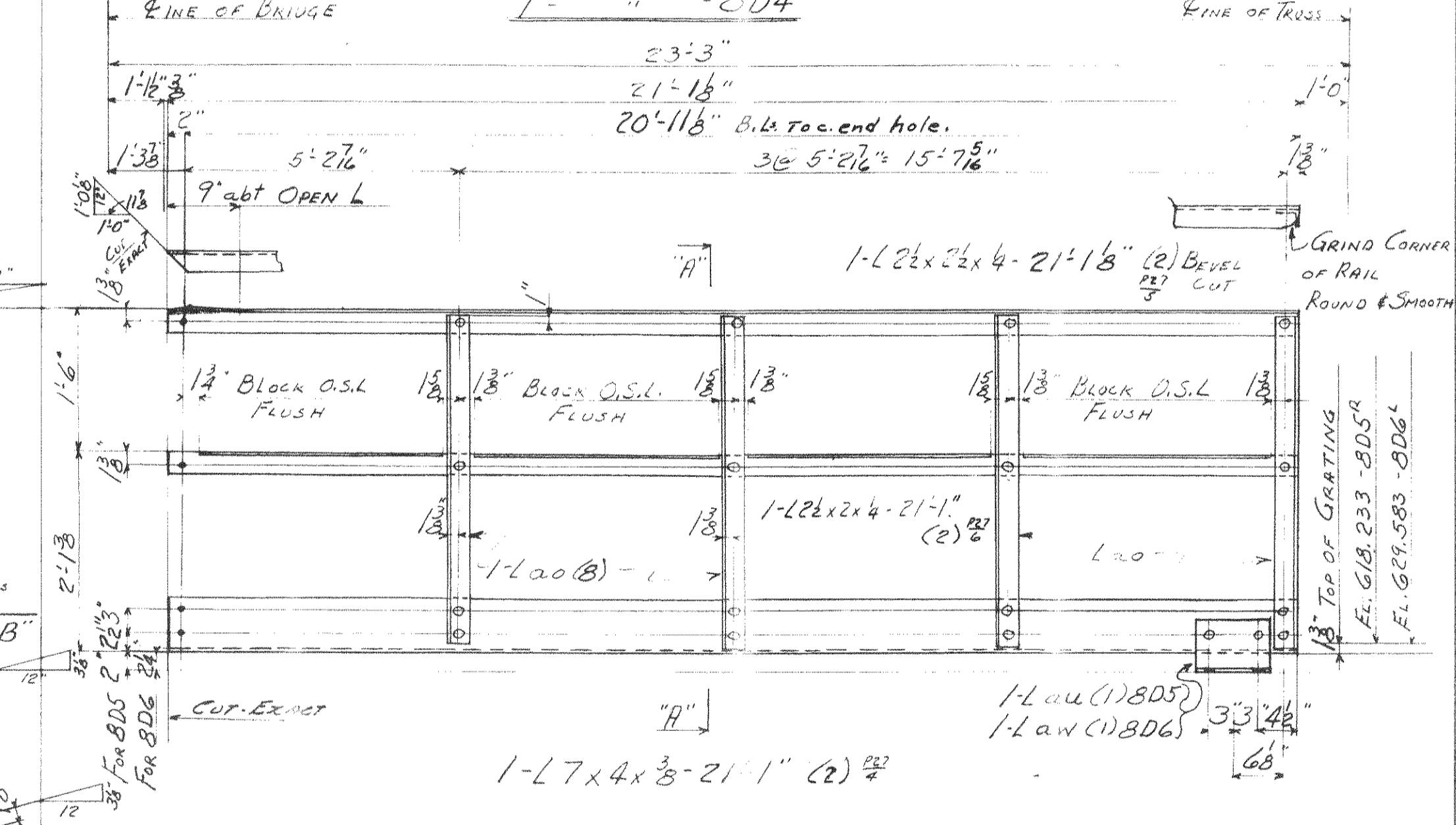
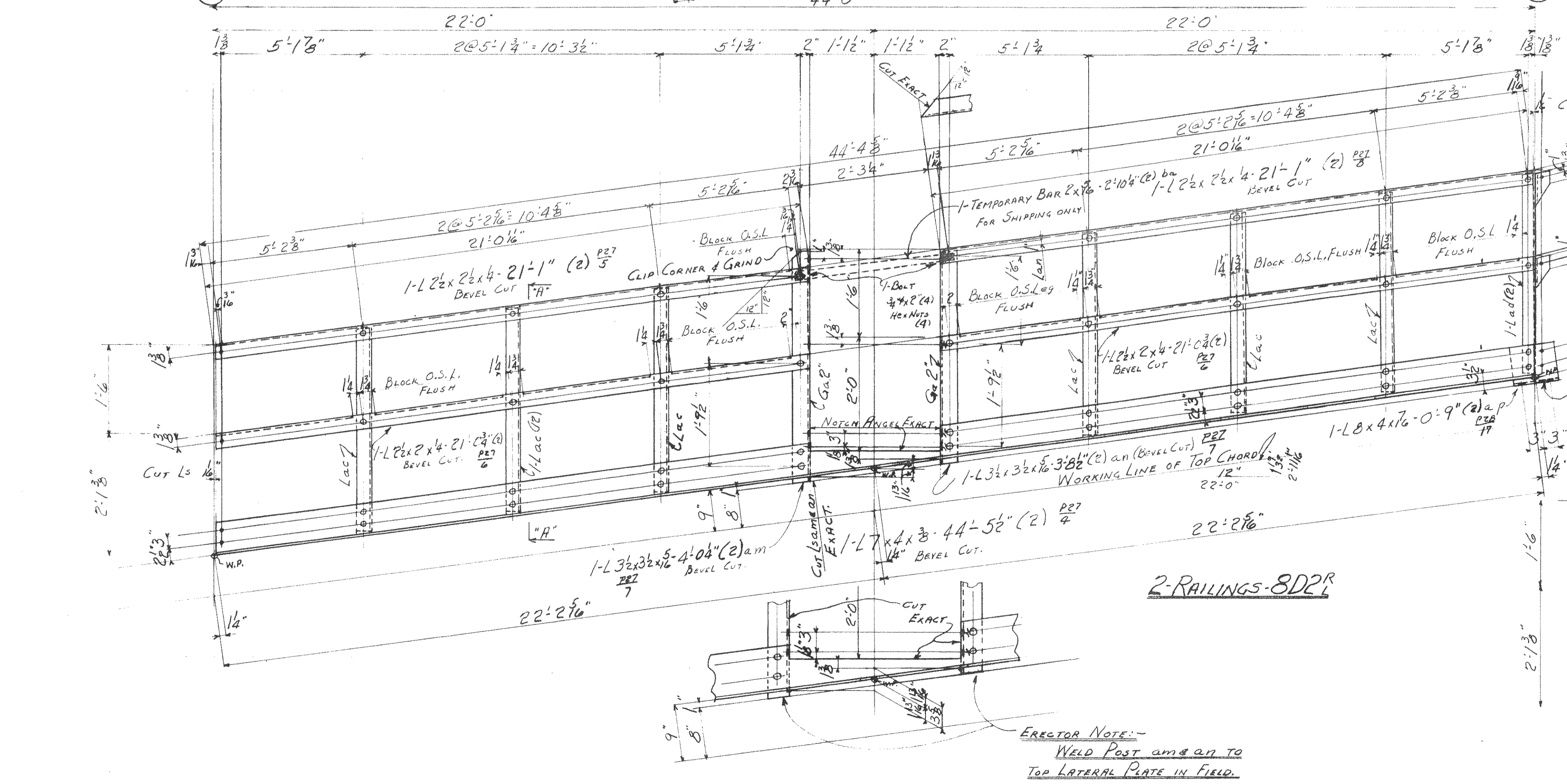
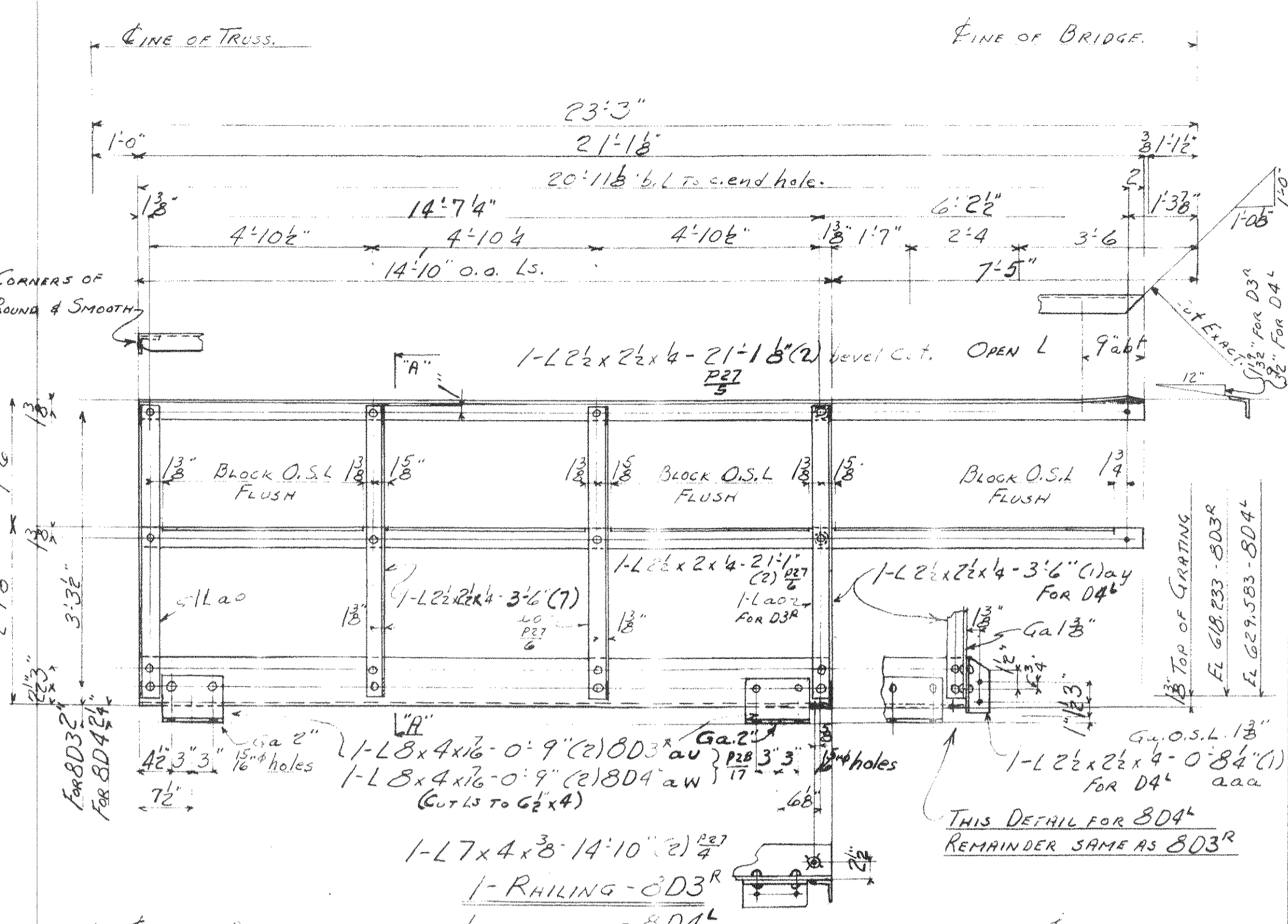
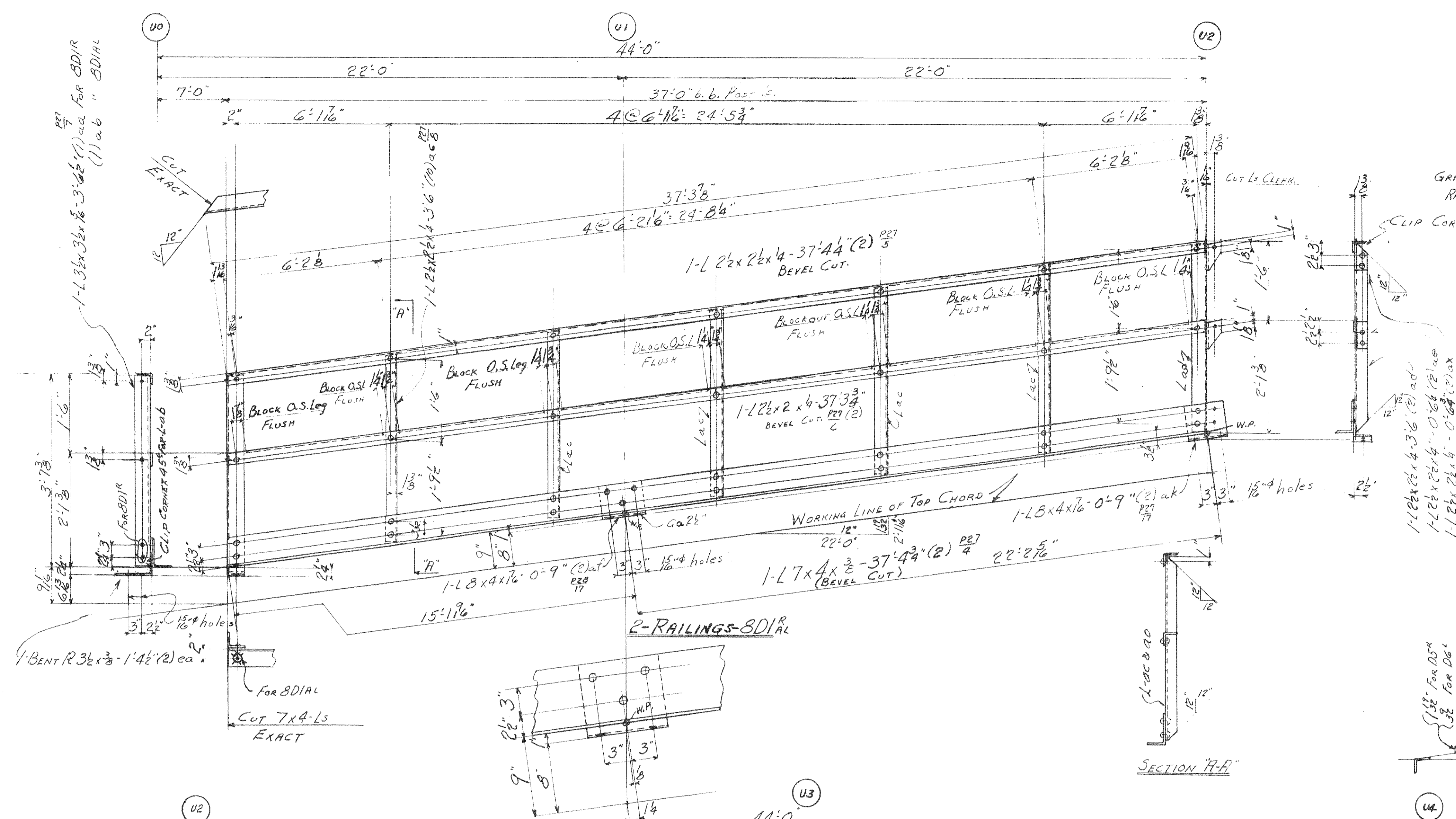
P.W.A. DOCKET. No. OH1756 F.

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR: CITY OF CLEVELAND
 LOCATION: CLEVELAND, OHIO
 DESCRIPTION: CLEVELAND ROAD BRIDGE
 DETAILS OF: BRIDGE
 SPECIFICATIONS: AISC, BRIDGE, REAMING, NONE
 INSPECTED BY: ERIC J. ...
 SHOP PAINT: ...
 FIELD PAINT: ...

MADE BY: H.E.L. DATE: 3-19-38 RIVETS: 780
 TRACED BY: DATE: ... OPEN HOLES: 150
 CHECKED BY: DATE: 1/19/48 UNLESS NOTED.

SCALE: SECTION C SHEET No. 7
 CONT. No. 6200



NOTES:-
 NO PAINT ON CONTACT SURFACES.
 SHOP OR FIELD.
 ALL PAINT MARKS FOR SECT-C TO BE RED.
 RE-ENTRANT CUTS TO BE FILLETED.
 CUTS TO BE FLAME CUT AND GROUND SMOOTH.
 ALL MATERIAL TO BE COPPER-BEARING.

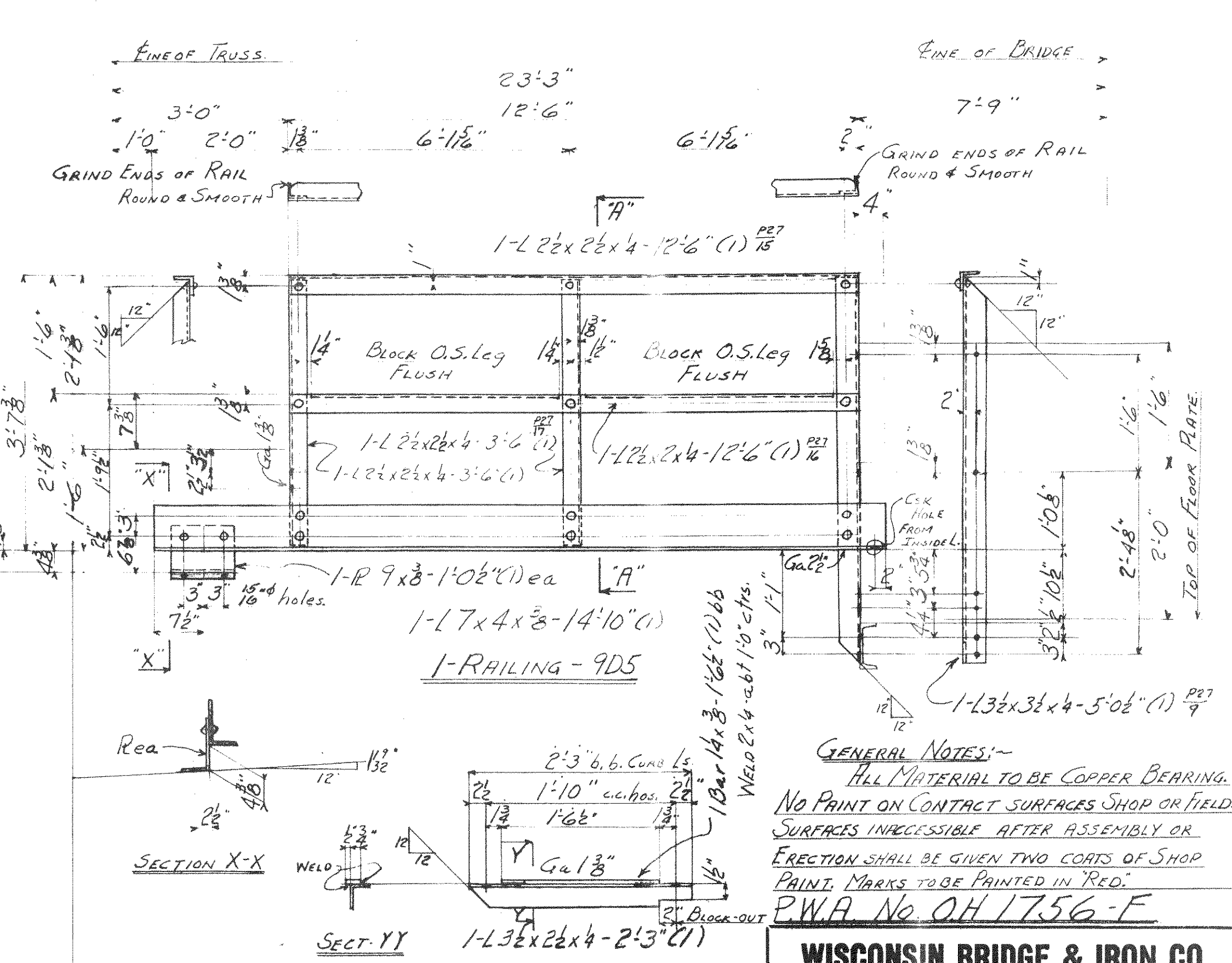
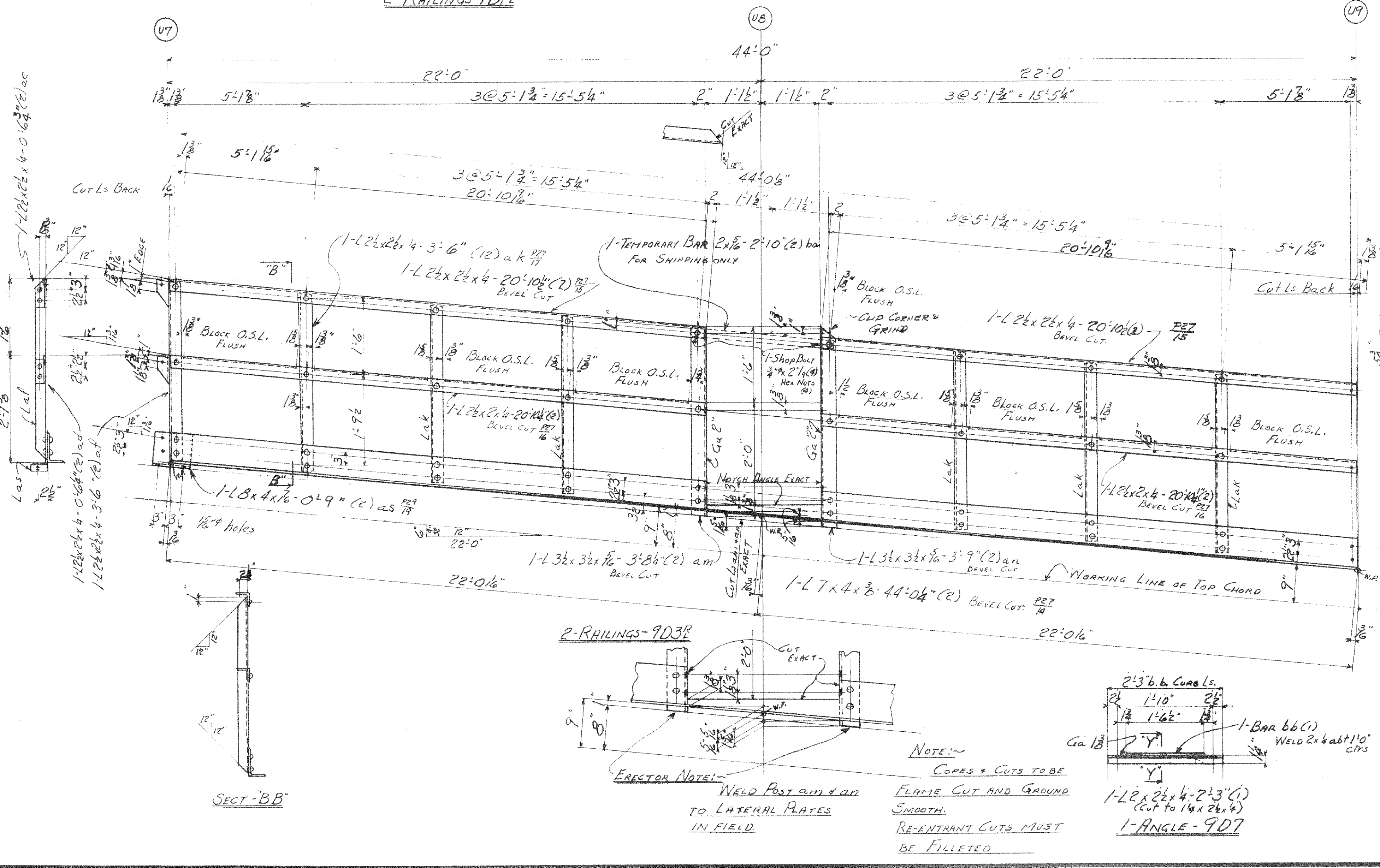
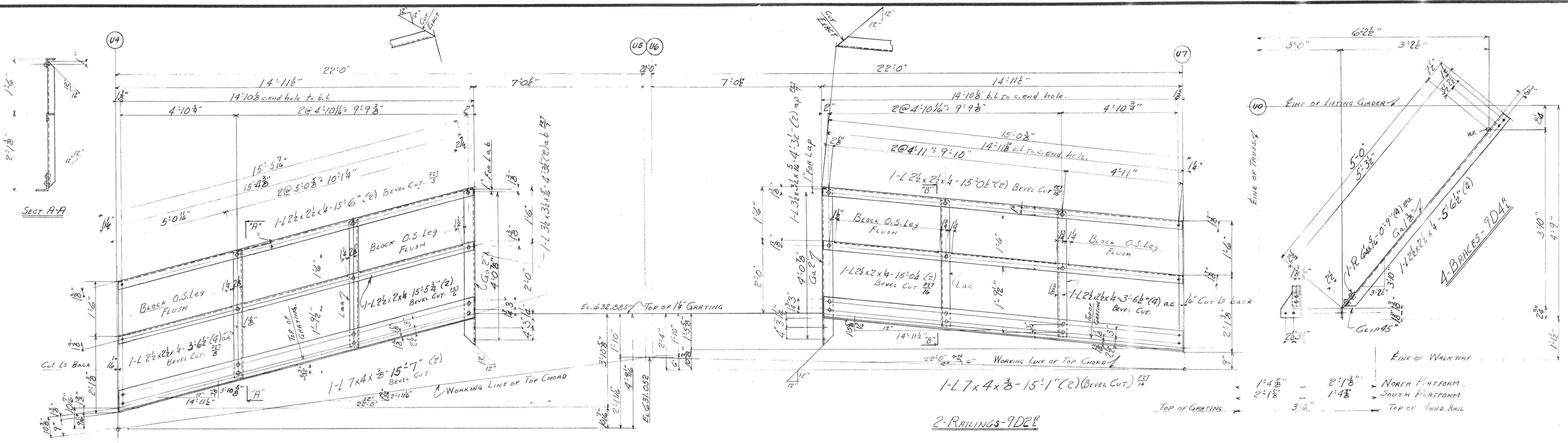
SUMMARY OF PARTS			
No	DESCRIPTION	MARK	BILL QTY
2	RAILING	BD18-118a	70
2	"	BD22-118b	76
1	"	BD33	20
1	"	BD4	22
1	"	BD5	178-18
1	"	BD6	18

P.W.A. No. OH-1756-F

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR: CITY OF CLEVELAND
 LOCATION: CLEVELAND, OHIO
 DESCRIPTION: CLEVELAND RIVER BRIDGE
 DETAILS OF RAILING: CITY OF CLEVELAND
 SPECIFICATIONS: STEEL BRIDGE STREAMING, NONE
 INSPECTED BY: J. HERRON, ERECTED BY: W.B. & CO.
 SHOP PAINT: C.I. LEAD CHROMATE (30%)
 FIELD PAINT: 3:1:5 PER SPECS.

MADE BY: H.E.T. DATE: 7-6-39 RIVETS: 3-8
 TRACED BY: H.E.T. DATE: 7-6-39 OPEN HOLES: 18
 CHECKED BY: H.E.T. DATE: 7-6-39 UNLESS NOTED
 SCALE: AS SHOWN
 SHEET No. 8
 CONT. No. 6200



NOTE: ALL MARKS FOR SECTION C TO BE RED.

SUMMARY OF PARTS

NO.	DESCRIPTION	MARK	BILL	RIVS
2	RAILINGS	9D1E	M9a	24
2	"	9D2E	"	24
2	"	9D3E	M9b	76
4	BRACES	9D4E	M9c	8
1	RAILING	9D5	M9d	14
1	"	9D6	M9e	-
1	"	9D7	"	-

1-ANGLE-9D6

Max. Shipping Lgth. 44'-0"

End Distance 13' Unless Noted

Date	Revised

GENERAL NOTES:

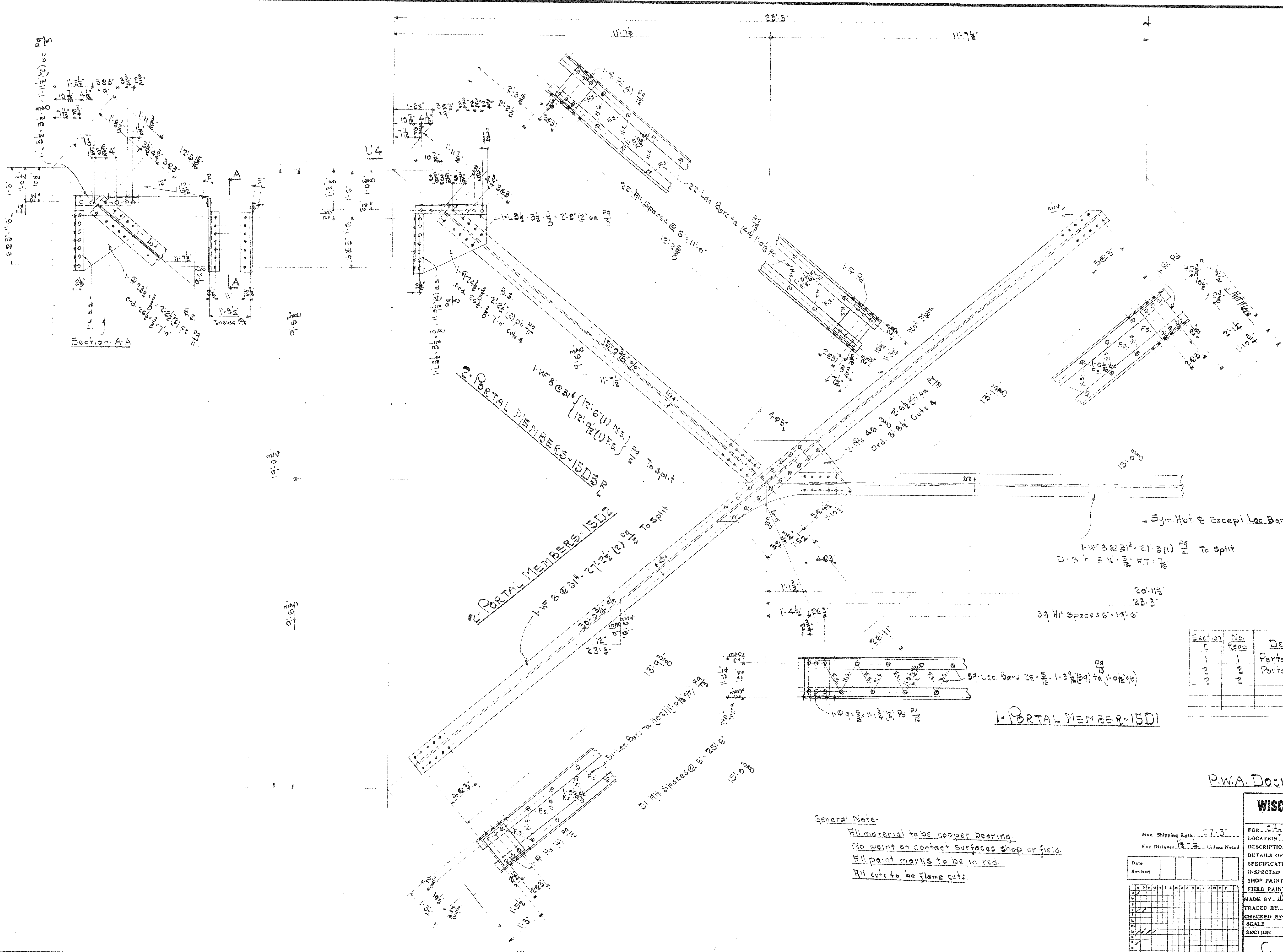
- ALL MATERIAL TO BE COPPER BEARING.
- NO PAINT ON CONTACT SURFACES SHOP OR FIELD.
- SURFACES UNACCESSIBLE AFTER ASSEMBLY OR ERECTION SHALL BE GIVEN TWO COATS OF SHOP PAINT. MARKS TO BE PAINTED IN RED.
- PWA No. 041756-F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR: CITY OF CLEVELAND
LOCATION: CLEVELAND, OHIO
DESCRIPTION: CLEVELAND ROAD BRIDGE
DETAILS OF RAILING FOR CUT WALK
SPECIFICATIONS: ~~SEE DRAWINGS~~ REMAINING NAME
INSPECTED BY: T. J. HERRON
ERECTED BY: W.B. & I. Co.
SHOP PAINT: 1st. LEAD CHROMATE (SEE NOTE)
FIELD PAINT: 2d. PER SPEC.

MADE BY: M.T.E. DATE: 9-13-39 RIVETS: 24
TRACED BY: DATE: 9-13-39 OPEN HOLES: 12
CHECKED BY: DATE: 9-13-39 UNLESS NOTED
SCALE: SHEET No. 9

SECTION C CONT. No. 6200



- Sym. Not. & Except Loc. Bars In 15D1

1-WF 8 @ 31" 21'-3" (1) PA To Split
D.B.F. S.W. 1/8" F.T. 7/8"

39 Ht. Spaces @ 6" 19'-6"

1 PORTAL MEMBER 15D1

Section	No. Reqd.	Description	Mark	Bill	No. Rivs.
C	1	Portal Member	15D1	11/58	50
	2	Portal Members	15D2	11/58	192
	2	do	15D3		114

P.W.A. DOCKET No. OH-1756F

General Note:
 All material to be copper bearing.
 No paint on contact surfaces shop or field.
 All paint marks to be in red.
 All cuts to be flame cuts

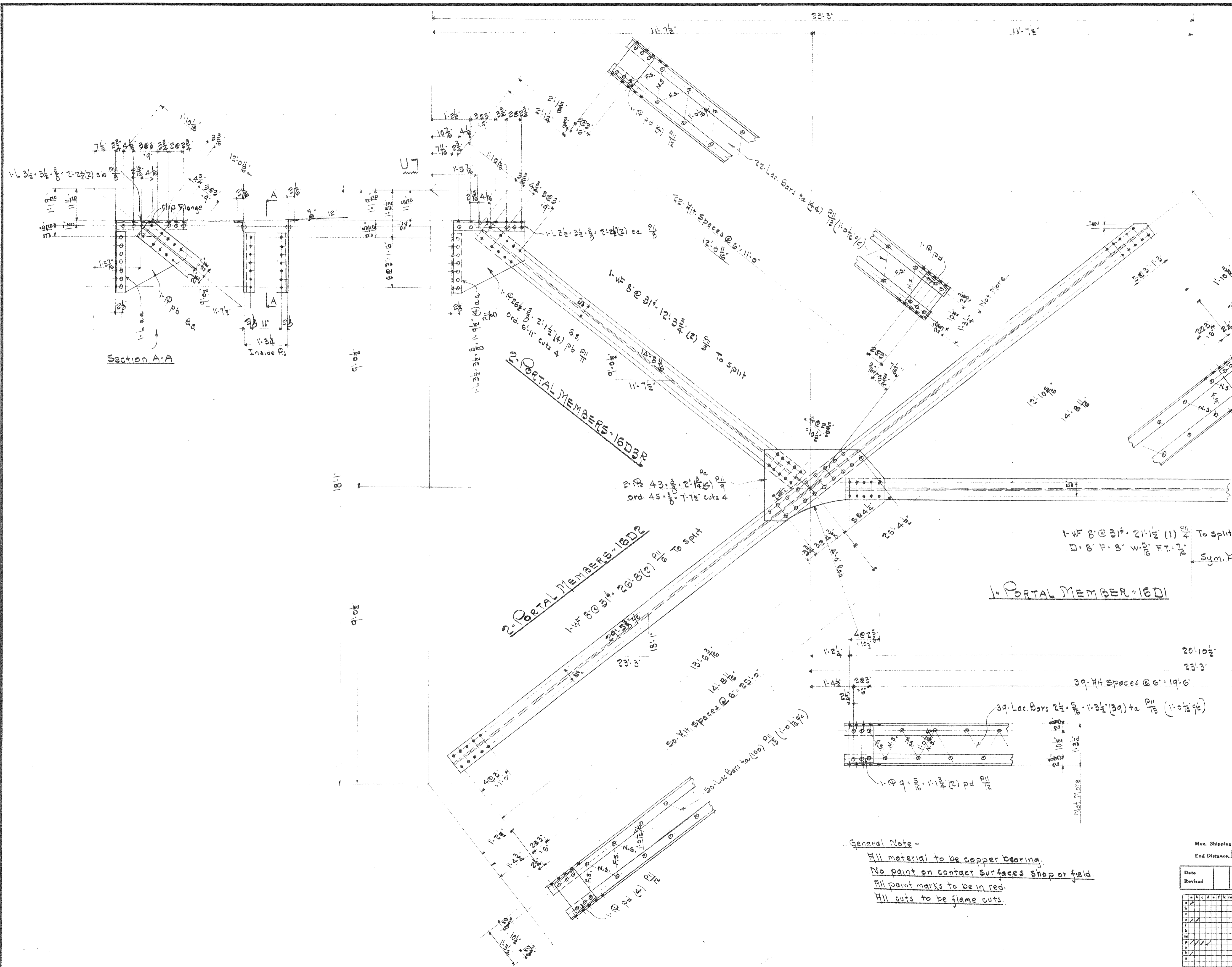
Date	
Revised	

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR: City of Cleveland Ohio
 LOCATION: Cleveland Ohio
 DESCRIPTION: Columbus Rear Bridge
 DETAILS OF: Portal U4-L4
 SPECIFICATIONS: Ohio State Special REAMING: None
 INSPECTED BY: J. H. Herron ERECTED BY: W. B. I. Co.
 SHOP PAINT: 1 lb. Ch. Lead Chromate Per Spec. See Note
 FIELD PAINT: 3 lbs. Per Spec.

MADE BY: W. J. DATE: 9-18-39 RIVETS: 7/8"
 TRACED BY: DATE: OPEN HOLES: 1 1/2"
 CHECKED BY: J. F. DATE: 9-20-39 UNLESS NOTED

SCALE: SHEET No. 15
 SECTION: C CONT. No. 6200



Section	No. Ribs	Description	Mark	Bill	No. Ribs
1	1	Portal Member	16D1	17/6	50
2	2	Portal Members	16D2	"	194
2	2	do	16D3R	"	114

R.W.A. DOCKET No. OH-1756F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR City of Cleveland Ohio
 LOCATION Cleveland Ohio
 DESCRIPTION Columbus Road Bridge
 DETAILS OF Portal U7-17
 SPECIFICATIONS Ohio State Special REAMING None
 INSPECTED BY J.H. HARRON ERECTED BY W.B. & I. CO.
 SHOP PAINT 1-Ct. Lead Chromate Per Spec. See Note
 FIELD PAINT 3-Ct. Per Spec.

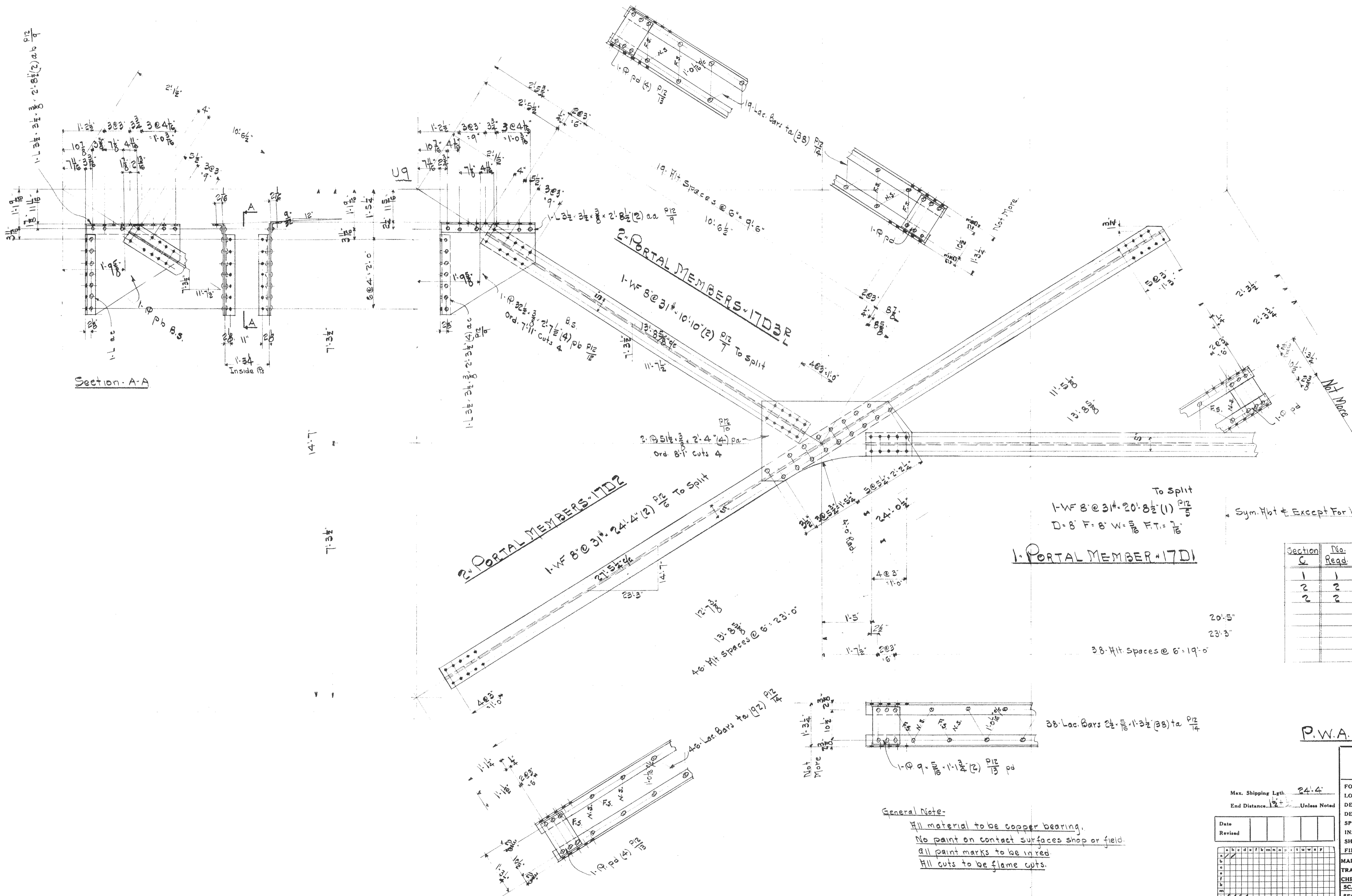
MADE BY W.B. DATE 9-18-39 RIVETS 7/8 15/16
 TRACED BY W.B. DATE 9-18-39 OPEN HOLES
 CHECKED BY Adams DATE 7-28-37 UNLESS NOTED

SCALE SECTION SHEET No. 16
 CONT. No. 6200

General Note -
 All material to be copper bearing.
 No paint on contact surfaces shop or field.
 All paint marks to be in red.
 All cuts to be flame cuts.

Max. Shipping Lgh. 26'-8"
 End Distance 1/2" + 2" Unless Noted

Date	Revised



To Split
 1-WF 8 @ 31" x 20' 8 1/2" (1) P17
 D=8' F=8' W=8 F.T.=7/8
 1 PORTAL MEMBER 17D1

2 PORTAL MEMBERS 17D2
 1-WF 8 @ 31" x 24' 4" (2) P17 To Split

2 PORTAL MEMBERS 17D3
 1-WF 8 @ 31" x 10' 10" (2) P17 To Split

General Note:
 All material to be copper bearing.
 No paint on contact surfaces shop or field.
 All paint marks to be in red.
 All cuts to be flame cuts.

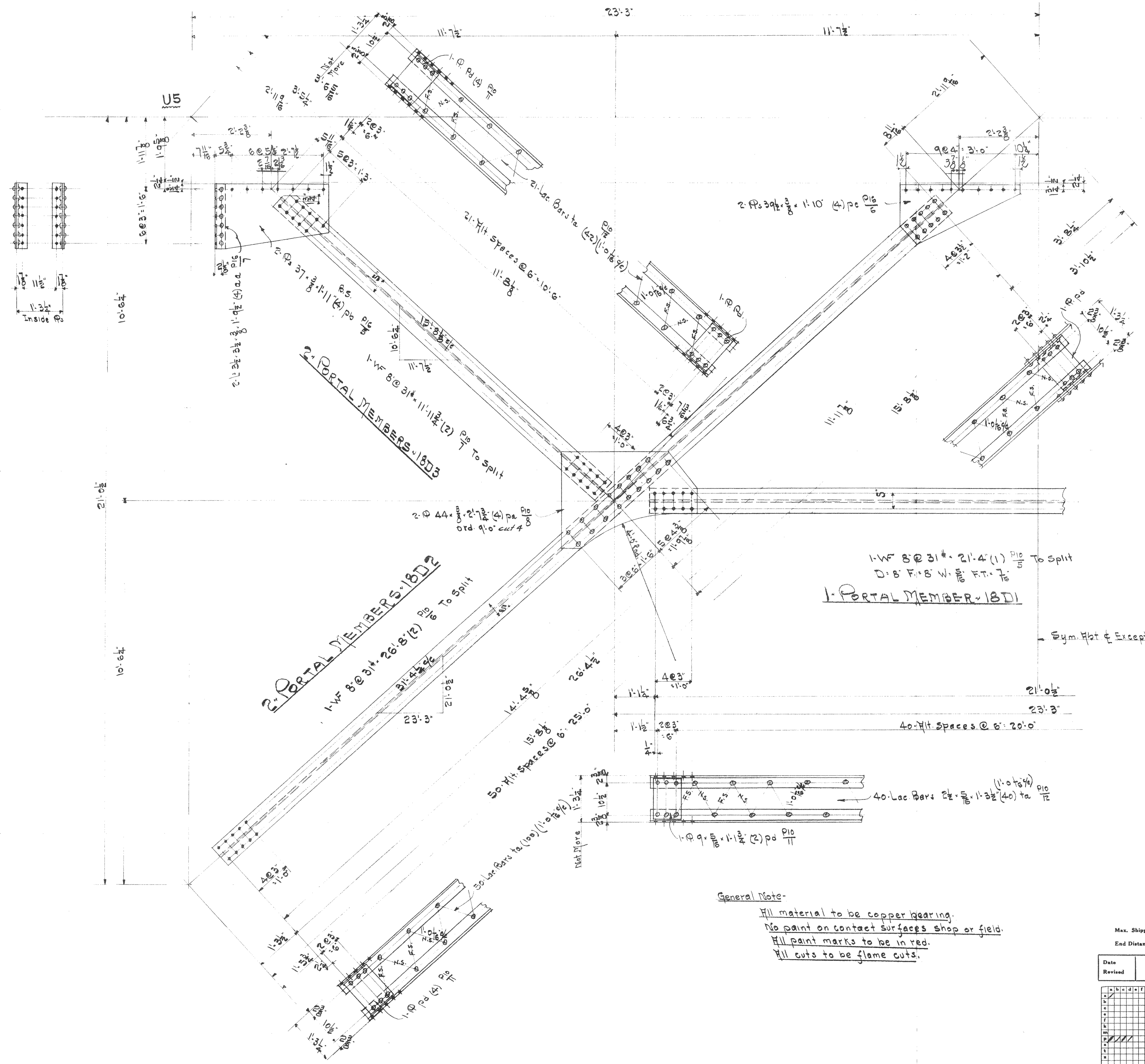
Section	No. Reqd.	Description	Mark	Bill	No. Rivets
1	1	Portal Member	17D1	M176	49
2	2	do	17D2	P176	182
2	2	do	17D3	"	108

P.W.A. DOCKET No. OH 1756F

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR City of Cleveland Ohio
 LOCATION Cleveland Ohio
 DESCRIPTION Columbus Road Bridge
 DETAILS OF Portal 17D1-19
 SPECIFICATIONS See Notes REAMING None
 INSPECTED BY J.H. Herron ERECTED BY W.B. & I. Co.
 SHOP PAINT 1 Ct. Lead Chromate Per Specs. See Note.
 FIELD PAINT 2 Coats Per Specs. do

MADE BY W.B. DATE 9-20-39 RIVETS 7/8
 TRACED BY DATE OPEN HOLES 1 5/16
 CHECKED BY H.W. DATE 9-28-39 UNLESS NOTED
 SCALE SHEET No. 17
 SECTION C CONT. No. 6200



Section C	No. Reqd.	Description	Mark	Bill	No. Rivets
1	1	Portal Member	18D1	M18a	51
2	2	Portal Members	18D2	"	230
2	2	Portal Members	18D3	"	92

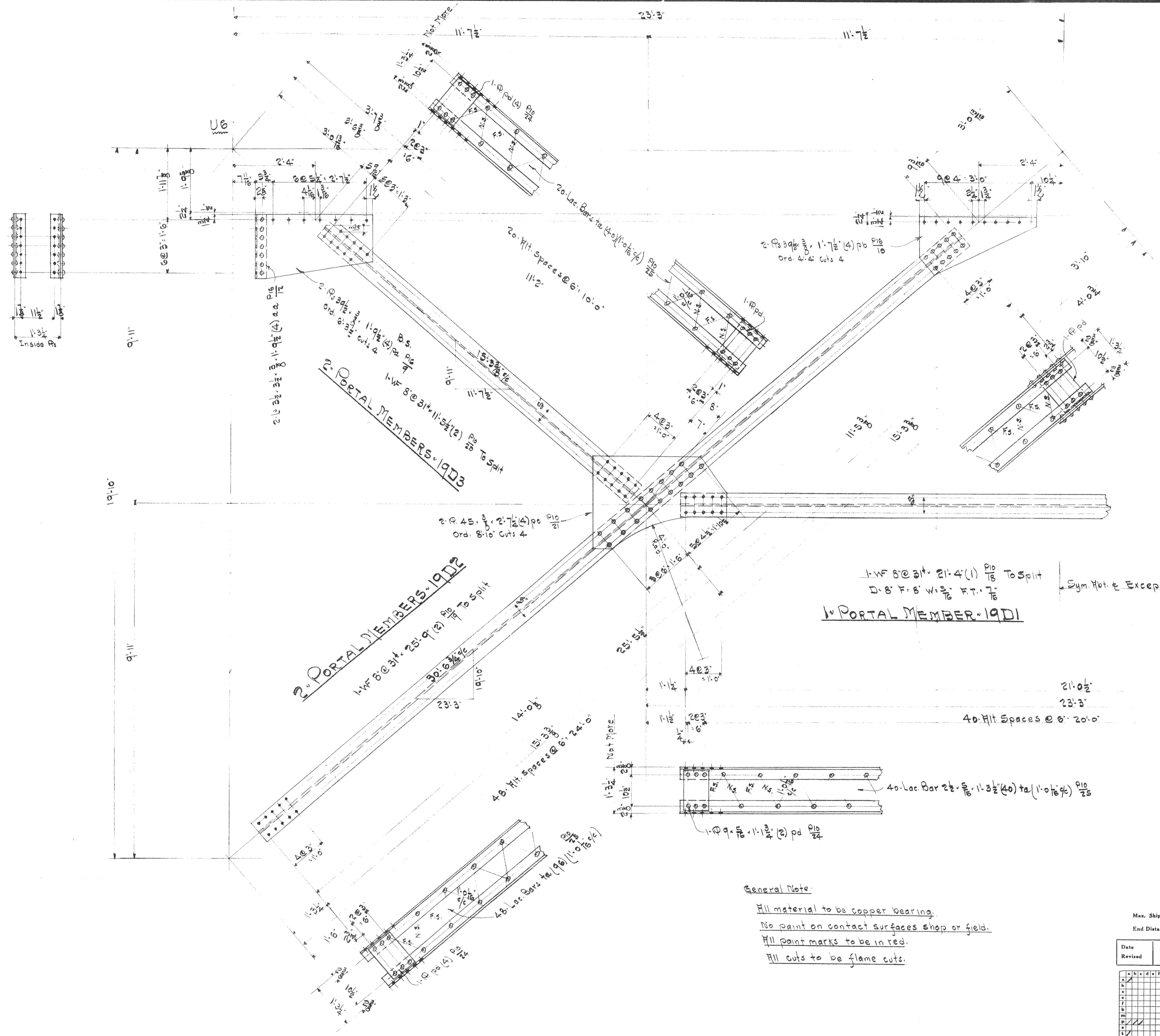
General Note-
 All material to be copper bearing.
 No paint on contact surfaces shop or field.
 All paint marks to be in red.
 All cuts to be flame cuts.

P.W.A. DOCKET No. OH 1756F

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR: City of Cleveland, Ohio
 LOCATION: Cleveland, Ohio
 DESCRIPTION: Columbus Road Bridge
 DETAILS OF: Portal U.S. L.S.
 SPECIFICATIONS: Wisconsin Special REAMING: None
 INSPECTED BY: J.H. Herron ERRECTED BY: W.B. & S. Co.
 SHOP PAINT: 1-Gal Lead Chromate Per Spec. See Note.
 FIELD PAINT: 3-Coats (Per Specs.)

MADE BY: [] DATE: 9-21-39 RIVETS: 76
 TRACED BY: [] DATE: [] OPEN HOLES: 156
 CHECKED BY: Adler DATE: 9-28-39 UNLESS NOTED
 SCALE: [] SHEET No. 18
 SECTION C CONT. No. 6200



Section	No. Reqd.	Description	Mark	Bill	No. Rivets
1	1	Portal Member	19D1	M/7a	51
2	2	Portal Members	19D2	"	226
2	2	do	19D3	"	90

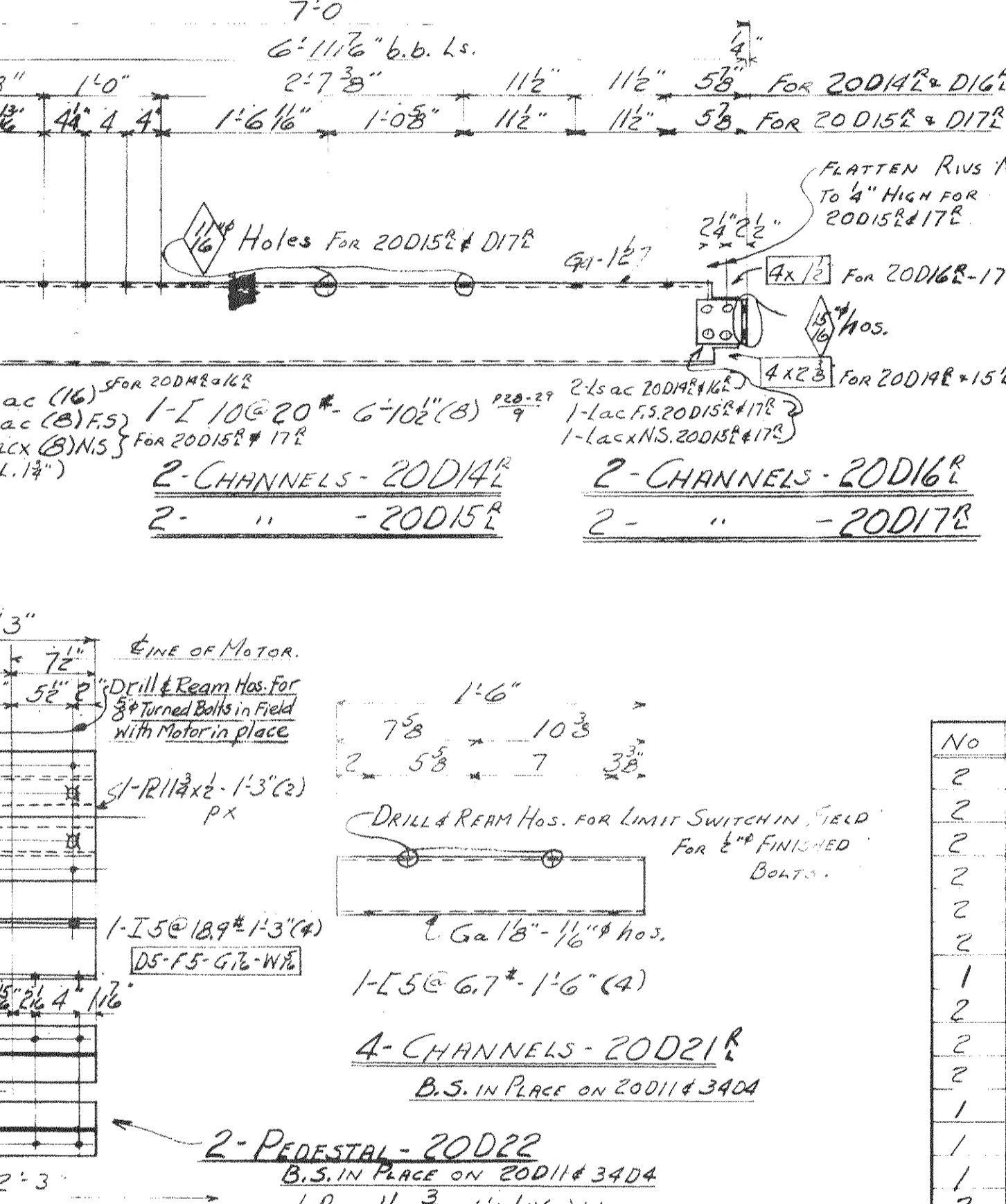
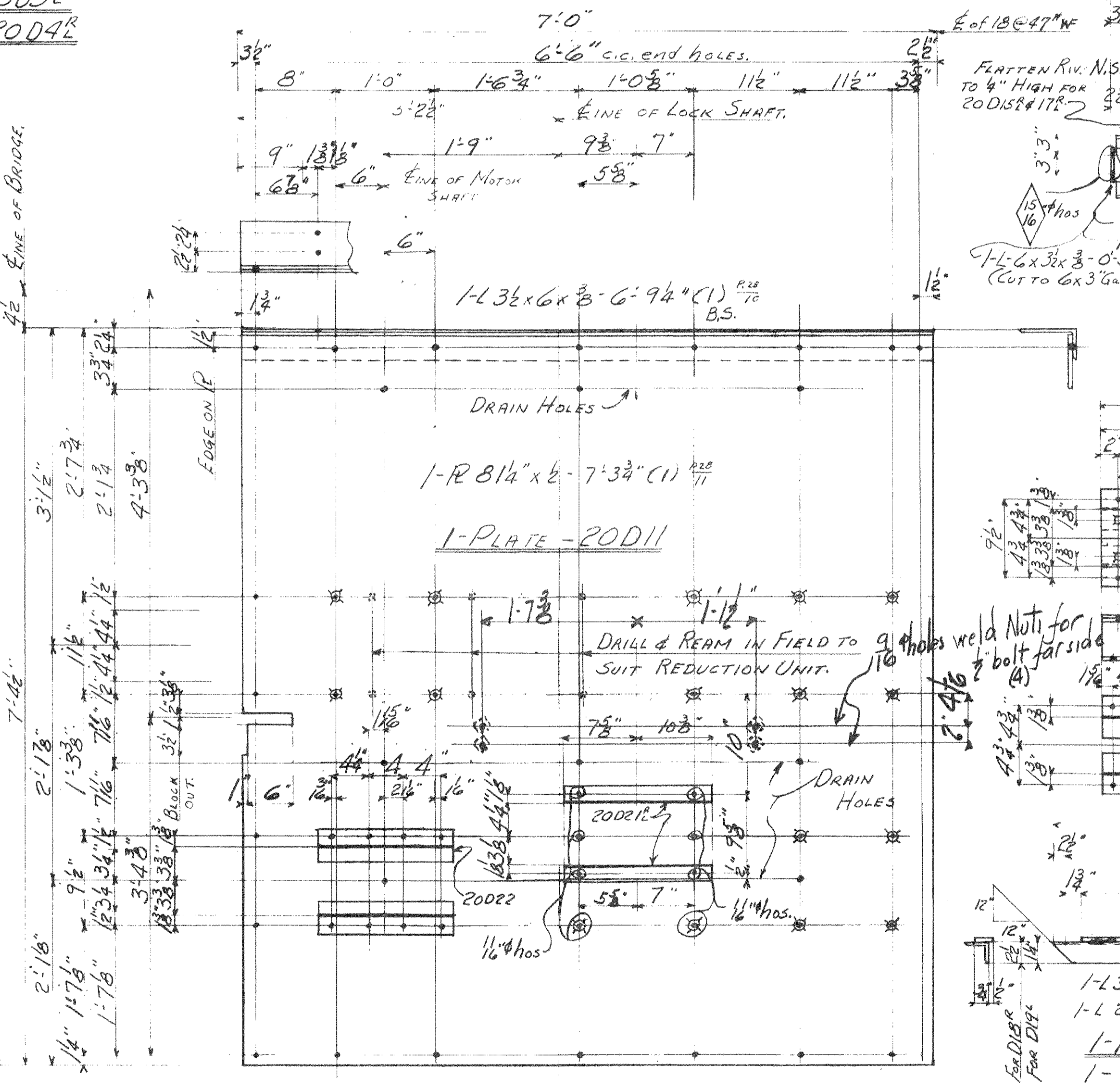
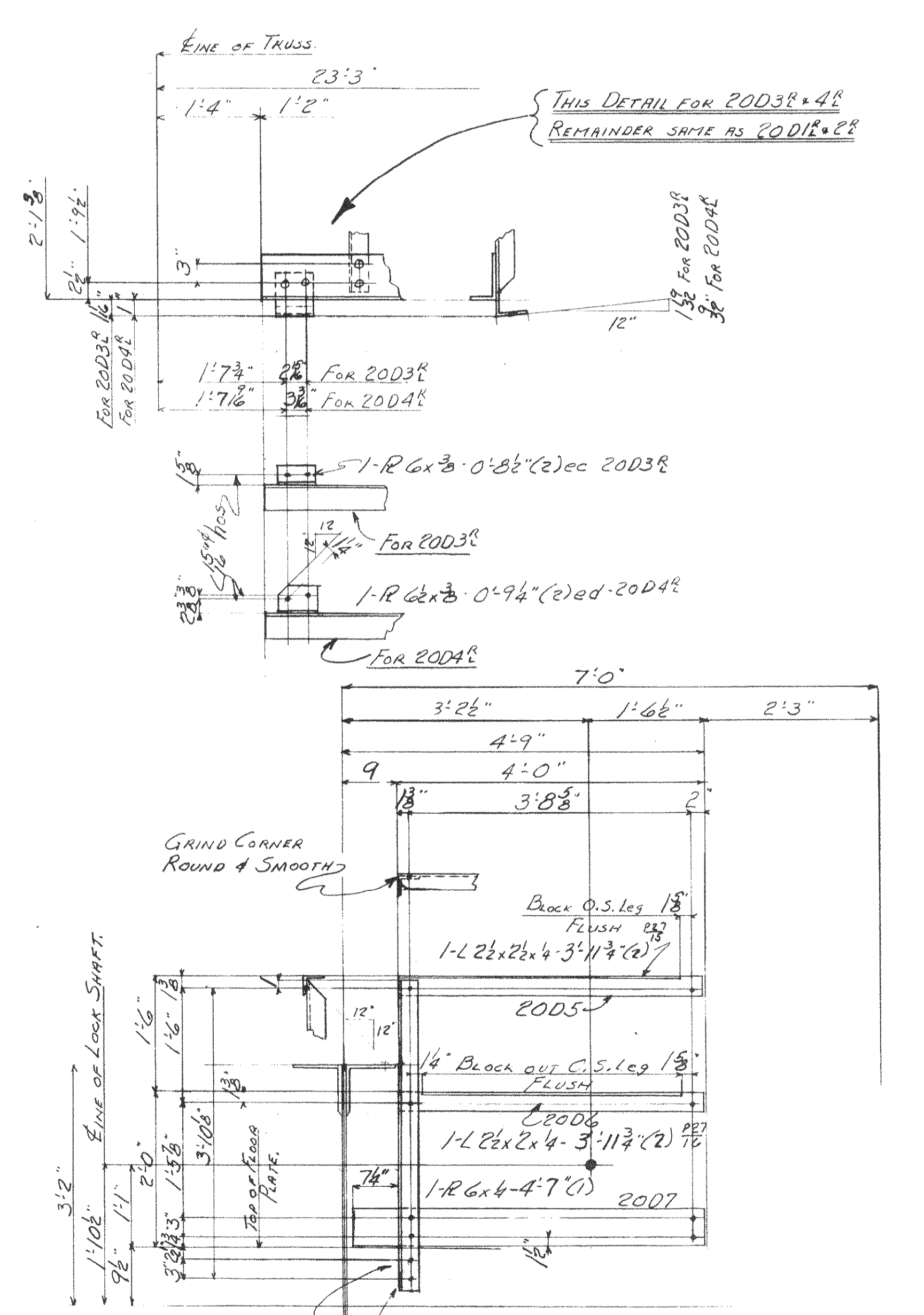
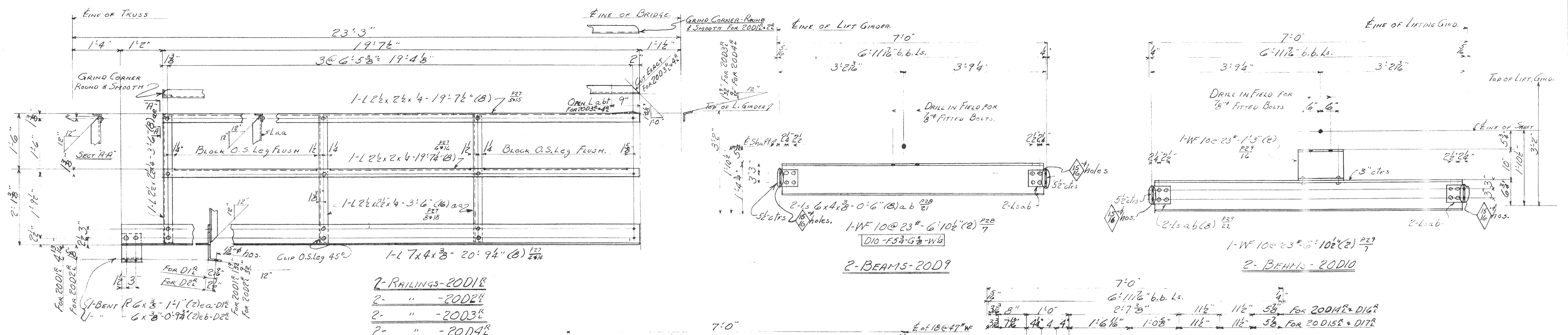
General Note:
 All material to be copper bearing.
 No paint on contact surfaces shop or field.
 All paint marks to be in red.
 All cuts to be flame cuts.

P.W.A. DOCKET No. OH 1756F

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR... City of Cleveland, Ohio
 LOCATION... Cleveland, Ohio
 DESCRIPTION... Columbus Road Bridge
 DETAILS OF... Portal U6 L6
 SPECIFICATIONS... REAMING... None
 INSPECTED BY... E. H. AUSTIN... ERECTED BY... W. B. L. Co.
 SHOP PAINT... 1 Coat - Red Chromate Per Specs. See Note
 FIELD PAINT... 3 Coats (Per Specs.)
 MADE BY... DATE 9-22-39 RIVETS 7/8
 TRACED BY... DATE... OPEN HOLES 15/16
 CHECKED BY... HOLEK... DATE 7-27-39 UNLESS NOTED
 SCALE... SHEET No. 19
 CONT. No. 6200

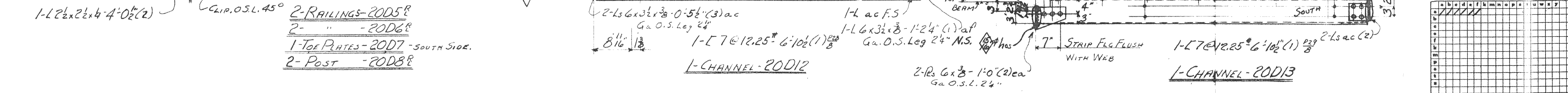
Max. Shipping Lgth. 27'-9"	
End Distance 15'-7" Unless Noted	
Date	
Revised	
1	
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7	
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NOTES:-

- NO PAINT ON CONTACT SURFACES SHOP OR FIELD.
- PAINT MARKS FOR SECT C TO BE REF.
- RE-entrant CUTS TO BE FILLETED AND GROUND SMOOTH.
- FILL MATERIAL TO BE COPPER-BEARING.

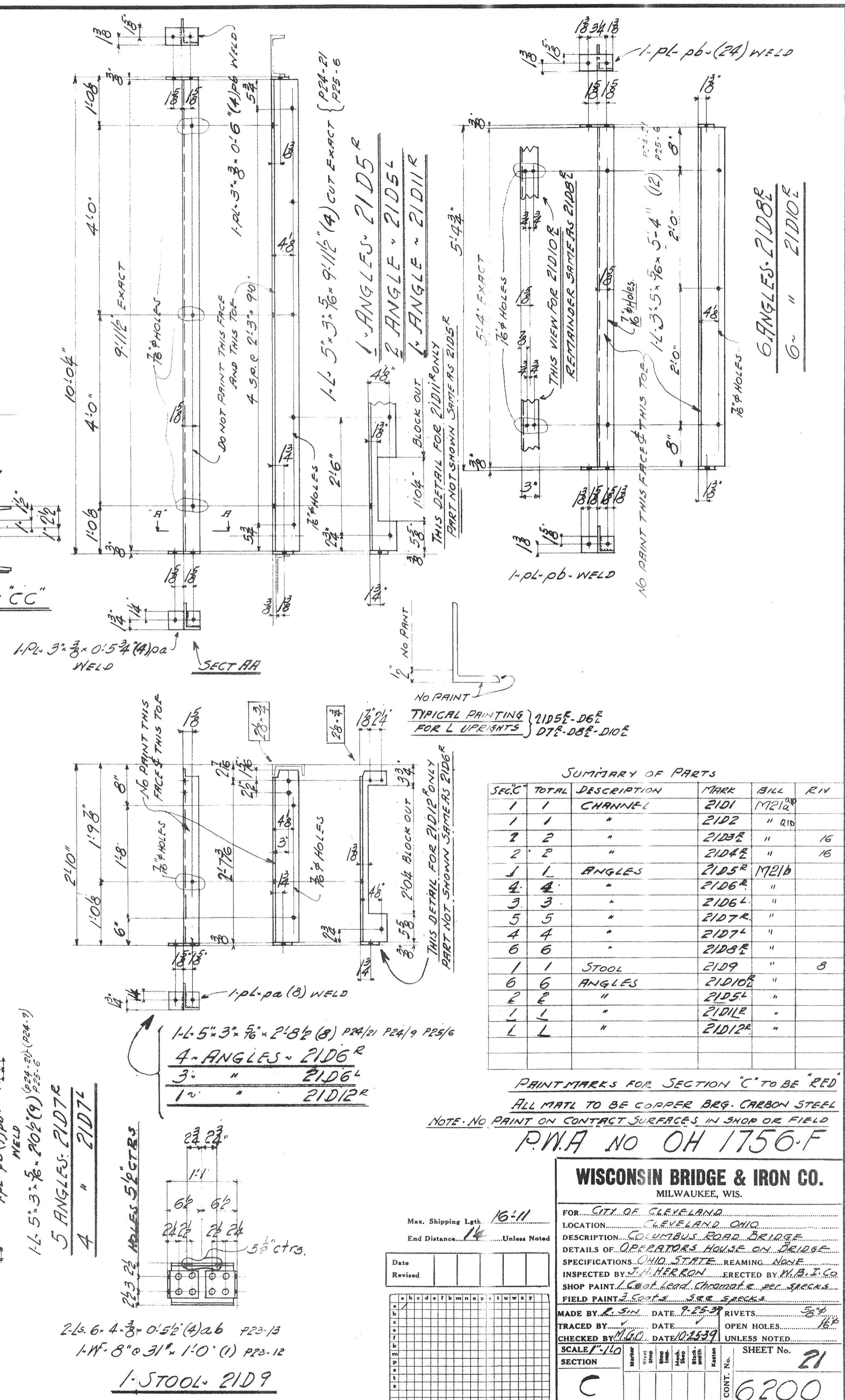
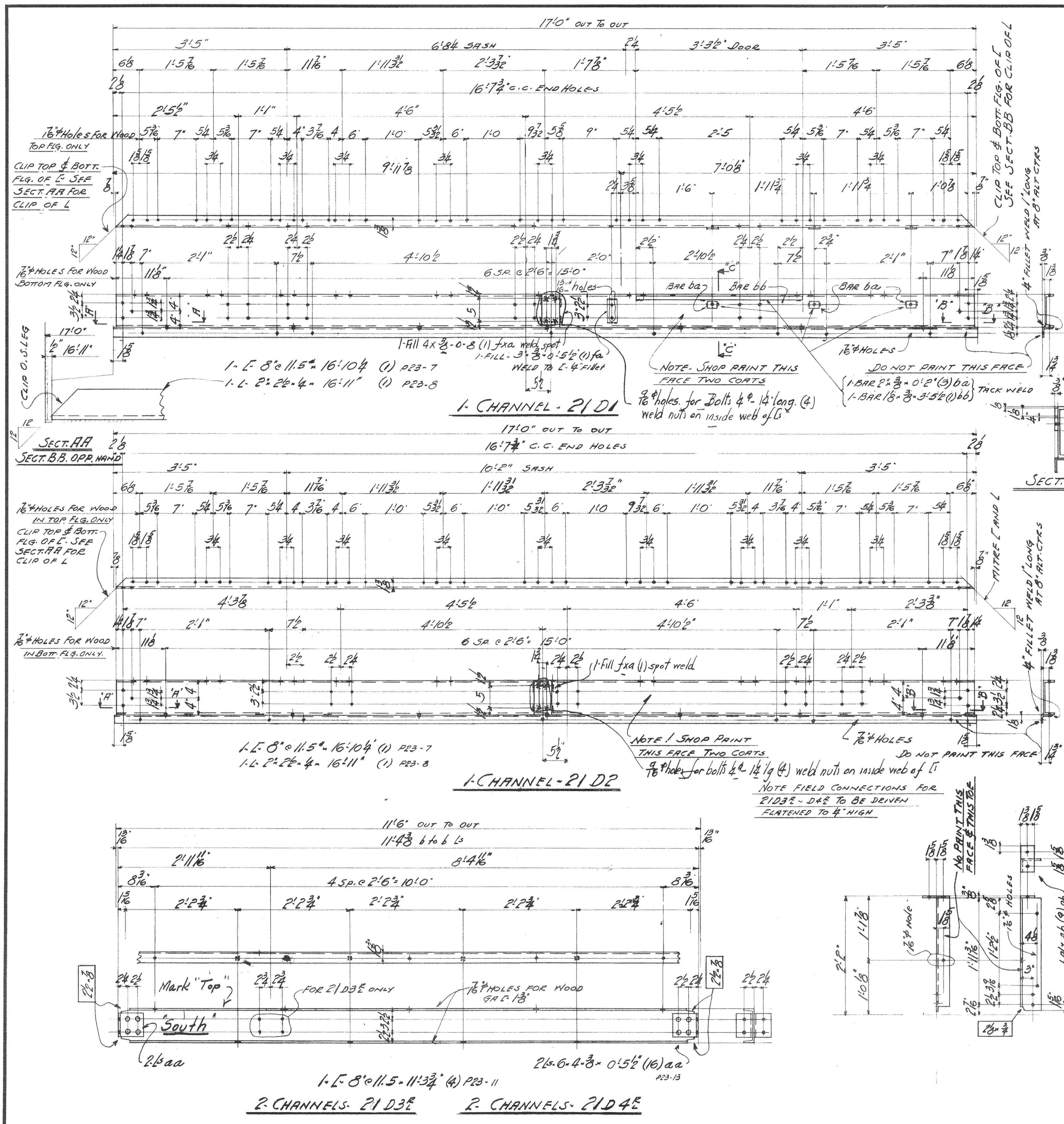
No.	DESCRIPTION	MARK	BILL	S	REV.
2	RAILINGS	20D18	MS20	28	
2	"	20D28	"	28	
2	"	20D38	"	28	
2	"	20D48	"	28	
2	"	20D58	"		
2	"	20D68	"		
1	TOE PLATE	20D77	"		
2	POSTS	20D88	"		
2	BEAMS	20D9	MS20	16	
2	"	20D10	"	24	
1	PLATE	20D11	"		
1	CHANNEL	20D12	"	8	
1	"	20D13	"	7	
1	"	20D14	MS20	16	
2	"	20D15	"	16	
2	"	20D16	"	16	
2	"	20D17	"	16	
1	ANGLE	20D18	"		
1	"	20D19	"		
4	CHANNELS	20D21	"		
2	PEDESTALS	20D22	"		



P.W.A. No. OH. 1756-F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR: CITY OF GAYLORD
 LOCATION: GAYLORD, MICH.
 DESCRIPTION: CONCRETE ROAD BRIDGE
 DETAILS OF CONTRACT: CONTRACT FOR CONSTRUCTION
 SPECIFICATIONS: CHAS. HERRON, READING, NONE
 INSPECTED BY: CHAS. HERRON, ERICHT BY: W.B. CO.
 SHOP PAINT: GAL. LEAD. APPROPRIATE PER SPEC.
 FIELD PAINT: 30% PER SPECIFICATIONS.
 MADE BY: MELT, DATE: 6-29, RIVETS: 3/8"
 TRACED BY: DATE: 7-19, OPEN HOLES: 1/2"
 CHECKED BY: DATE: 9-19, UNLESS NOTED
 SCALE: SHEET NO. 20
 SECTION: C CONT. No. 6200



SUMMARY OF PARTS

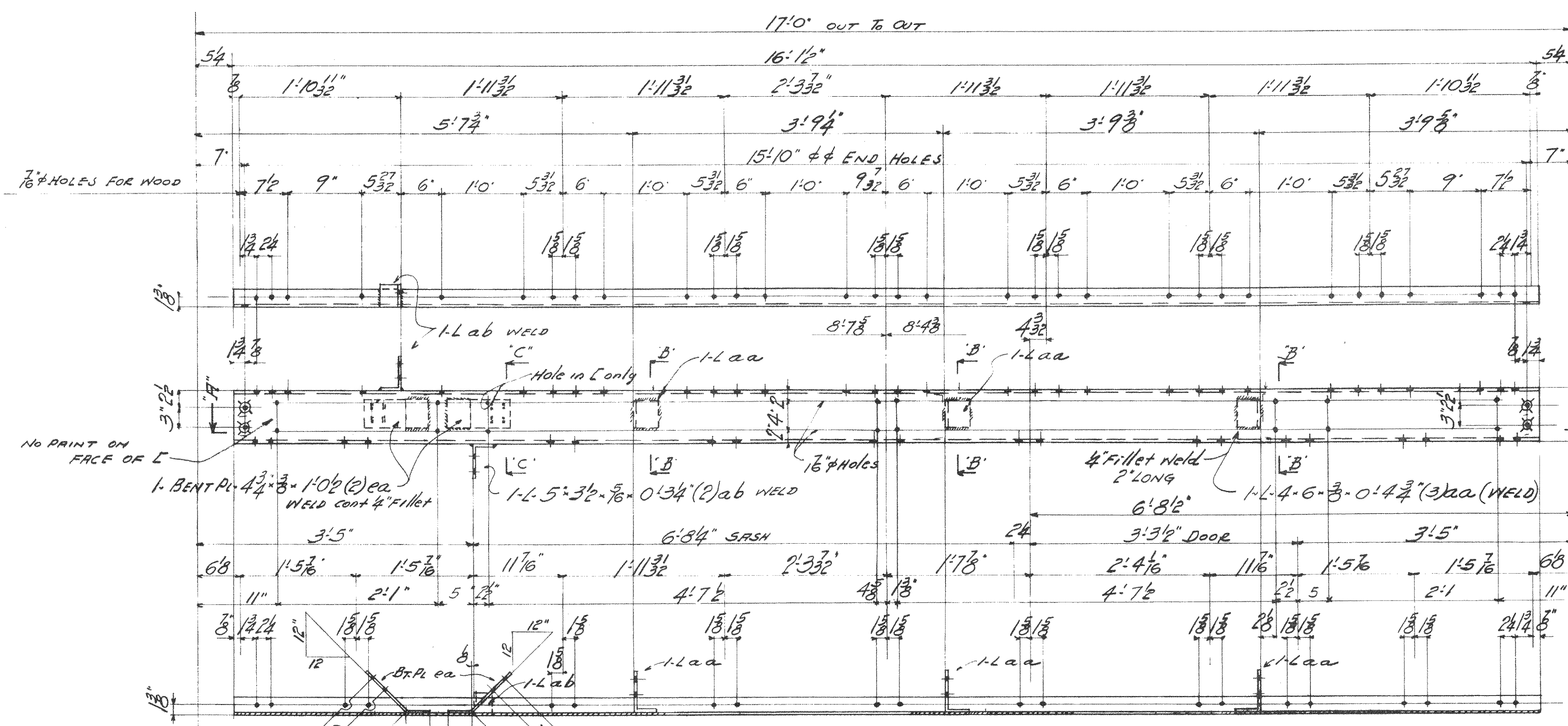
SECC	TOTAL	DESCRIPTION	MATERIAL	BILL	RIV
1	1	CHANNEL	21D1	M212	
1	1	"	21D2	" Q10	
2	2	"	21D3E	"	16
2	2	"	21D4E	"	16
1	1	ANGLES	21D5E	M216	
4	4	"	21D6E	"	
3	3	"	21D6L	"	
5	5	"	21D7E	"	
4	4	"	21D7L	"	
6	6	"	21D3E	"	
1	1	STOOL	21D9	"	3
6	6	ANGLES	21D10E	"	
2	2	"	21D5L	"	
1	1	"	21D1E	"	
L	L	"	21D12E	"	

PAINT MARKS FOR SECTION "C" TO BE RED
 ALL MATL TO BE COPPER BRG. CARBON STEEL
 NOTE: NO PAINT ON CONTACT SURFACES IN SHOP OR FIELD
 P.W.A. NO OH 1756-F

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

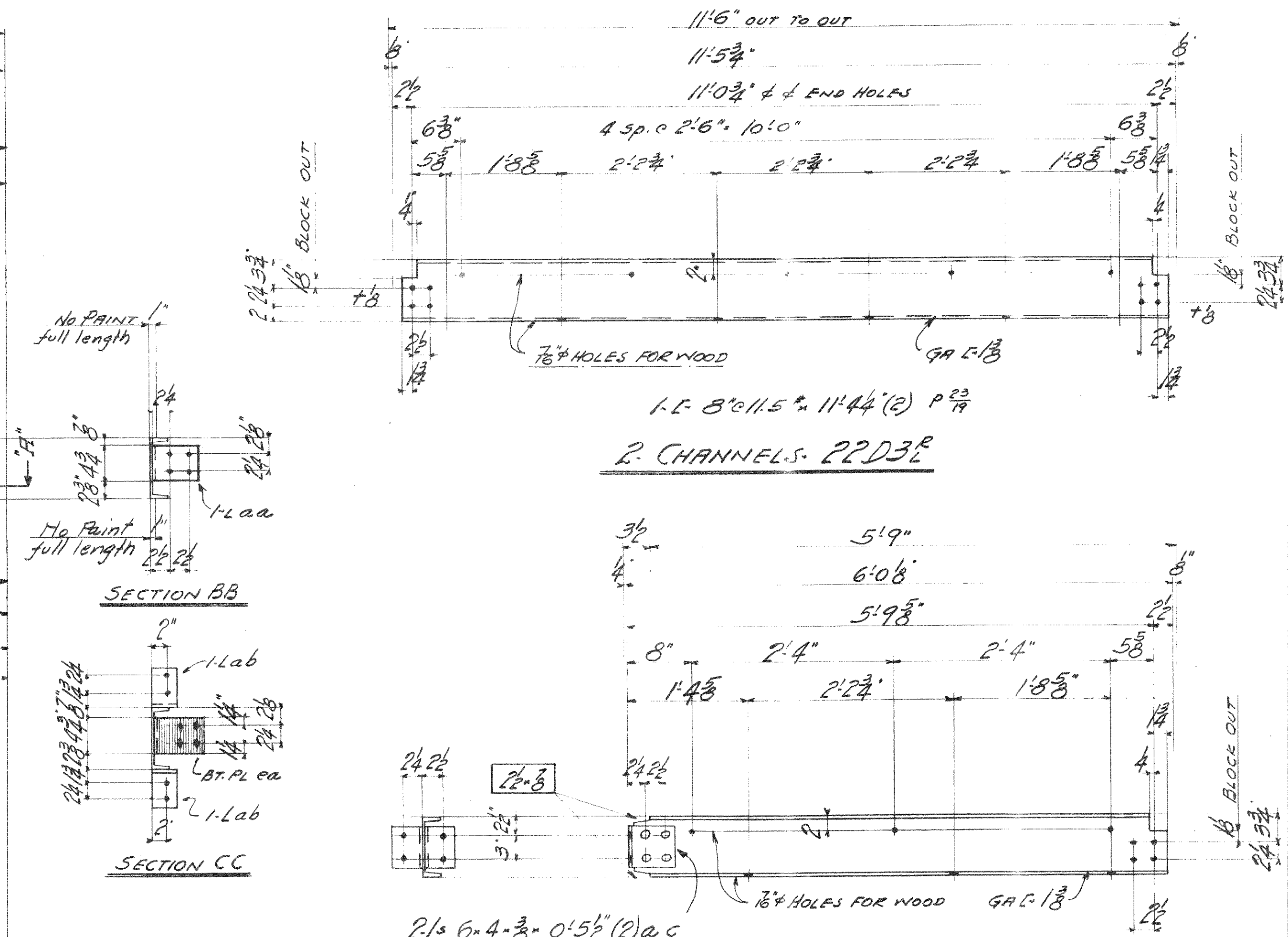
FOR: CITY OF CLEVELAND
 LOCATION: CLEVELAND, OHIO
 DESCRIPTION: COLUMBUS ROAD BRIDGE
 DETAILS OF OPERATORS HOUSE ON BRIDGE
 SPECIFICATIONS: OHIO STATE REAMING, NONE
 INSPECTED BY: J. H. HERSON, ERRECTED BY: W.B.I. CO.
 SHOP PAINT: L Co. of Lead Chromate per specs.
 FIELD PAINT: 2 coats, 50% specks.

MADE BY: R. SIM, DATE: 2-25-37, RIVETS: 582
 TRACED BY: M.G., DATE: 10-2-39, OPEN HOLES: 162
 CHECKED BY: M.G., DATE: 10-2-39, UNLESS NOTED
 SCALE: 1/4" = 1'-0", SHEET NO. 21
 SECTION C, CONT. No. 6200



SECTION AA

1-E 8"x11.5"x16'-12" (1) P23
 1-CHANNEL-22D1

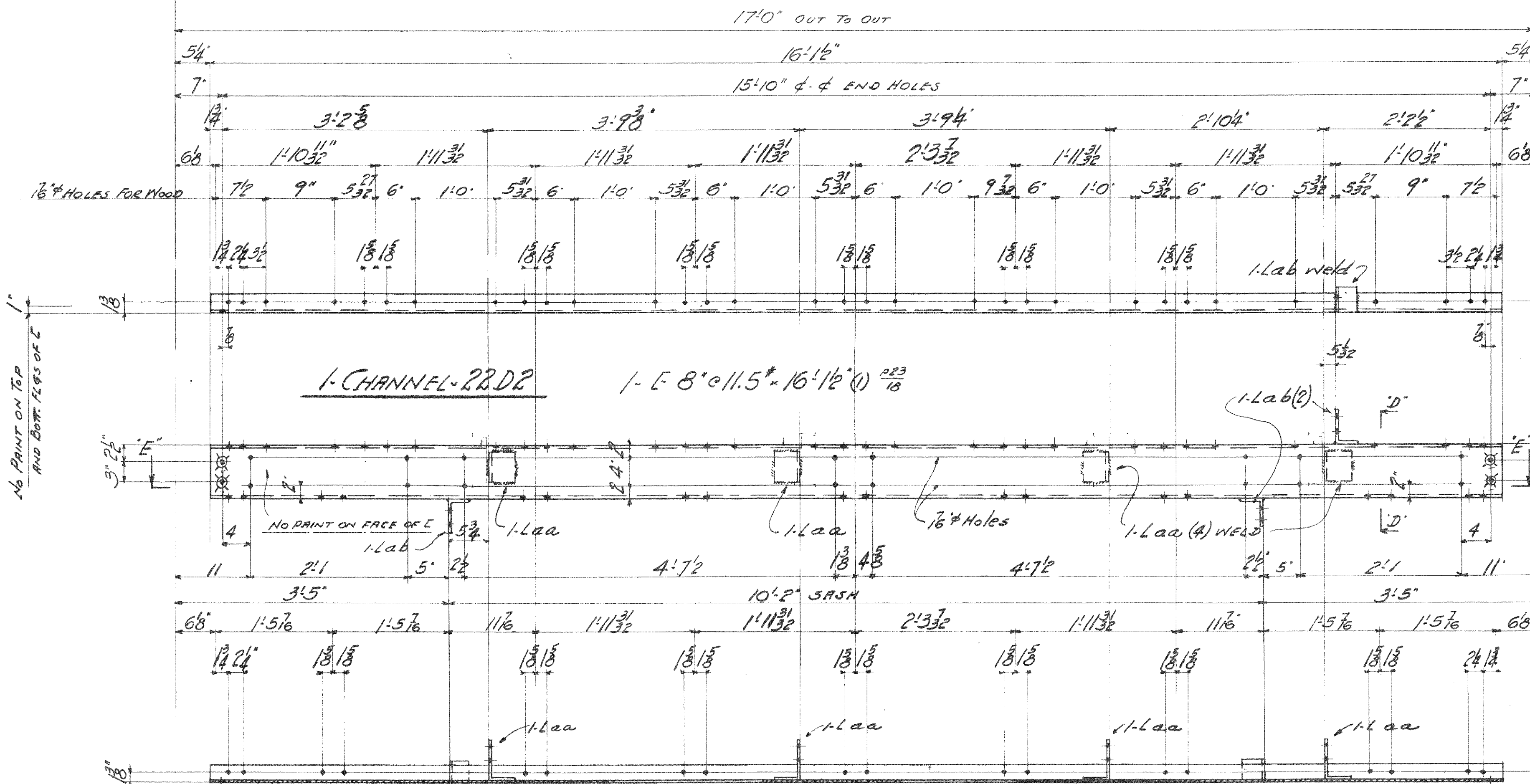


SECTION BB

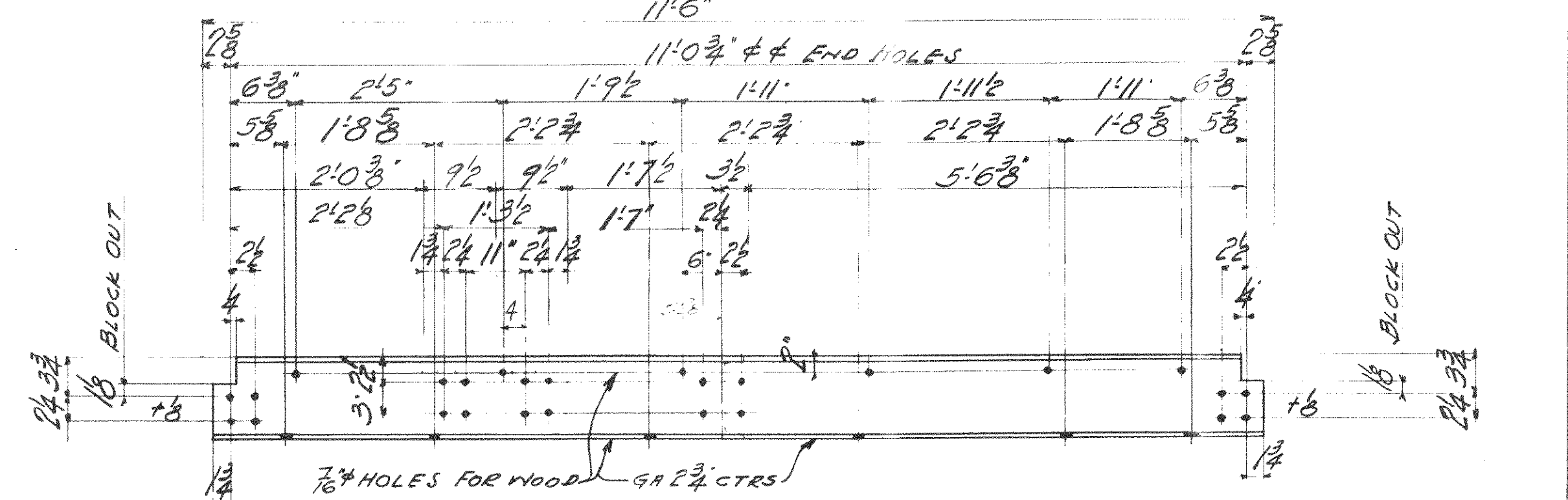
SECTION CC

1-E 8"x11.5"x11'-4"(2) P23
 2-CHANNELS-22D3E

2-L 6-4-3/8-0-5/2(2)ac
 1-E 8"x11.5"x5'-11" (1) P23
 1-CHANNEL-22D4



SECTION EE



SECTION DD

NOTE NO PAINT ON CONTACT SURFACES
 IN SHOP OR FIELD
 PRINT MARKS FOR SECT. 'C' TO BE RED
 ALL MATL. TO BE COPPER BEARING CARBON STEEL

SEC	TOTAL	DESCRIPTION	MARK	BILL	REV
1	1	CHANNEL	22D1	M80a	
1	1	"	22D2	"	
2	2	"	22D3E	"	
1	1	"	22D4	"	4
1	1	BEAM	22D5	"	

R.W.A.-OH No 1756 F

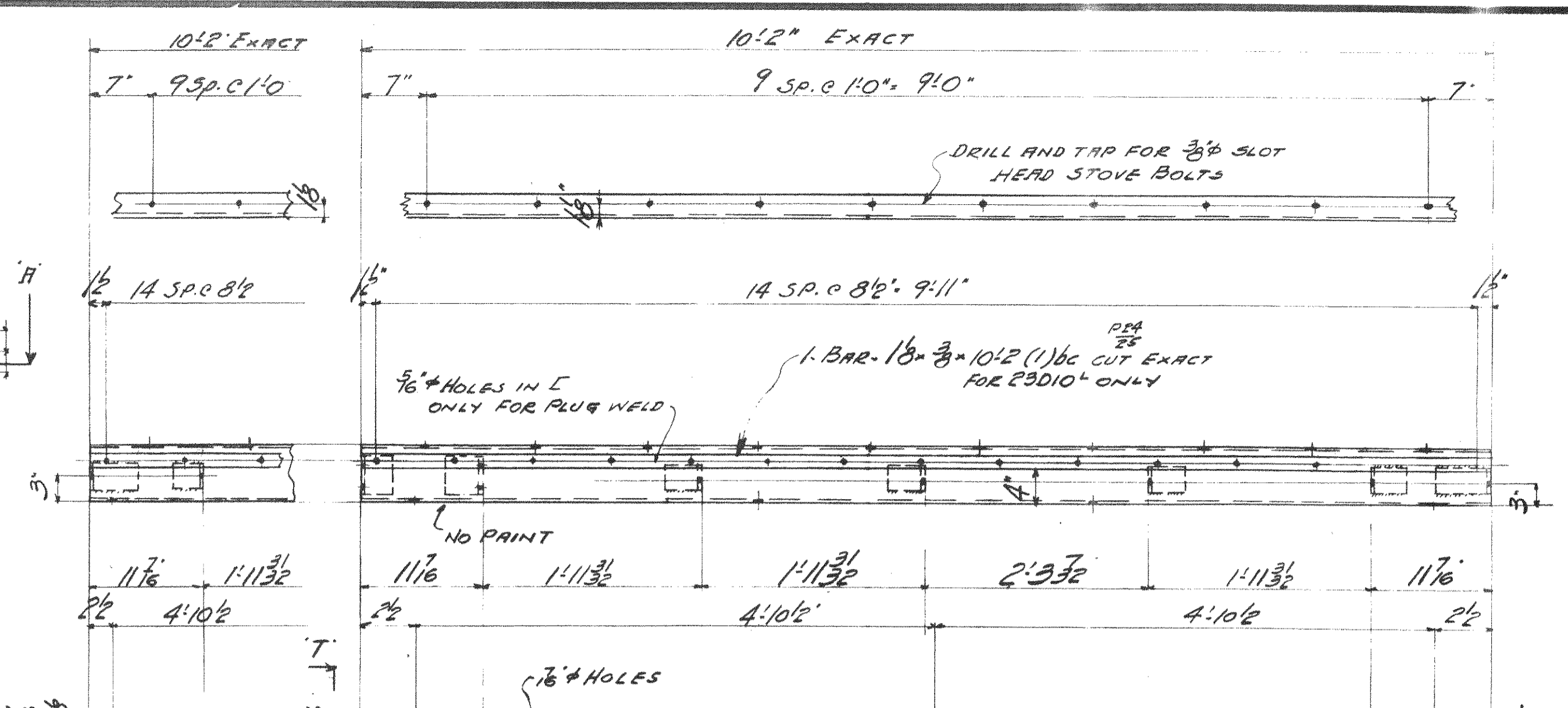
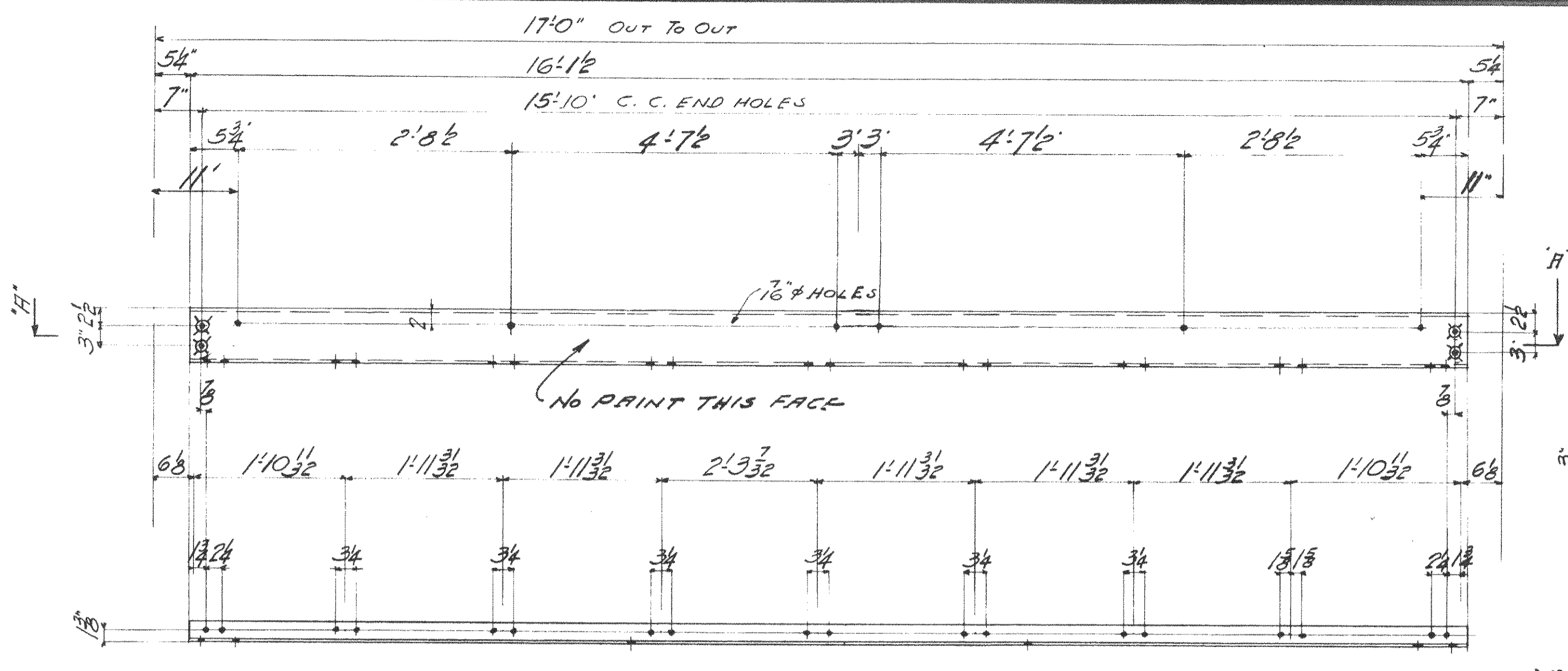
WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR: CITY OF CLEVELAND
 LOCATION: CLEVELAND, OHIO
 DESCRIPTION: COLUMBUS ROAD BRIDGE
 DETAILS OF: OPERATORS HOUSE ON BRIDGE
 SPECIFICATIONS: OHIO STATE REAMING, NONE
 INSPECTED BY: J.H. HERRON, ERECTED BY: M.B. I.C.O.
 SHOP PAINT: 1 COAT LEAD CHROMATE, SEE SPECS
 FIELD PAINT: 3 COATS, SEE SPECS

MADE BY: R.S.W. DATE: 7/28/27 RIVETS: 58#
 TRACED BY: M.G.O. DATE: 10/25/27 OPEN HOLES: 12#
 CHECKED BY: M.G.O. DATE: 10/25/27 UNLESS NOTED

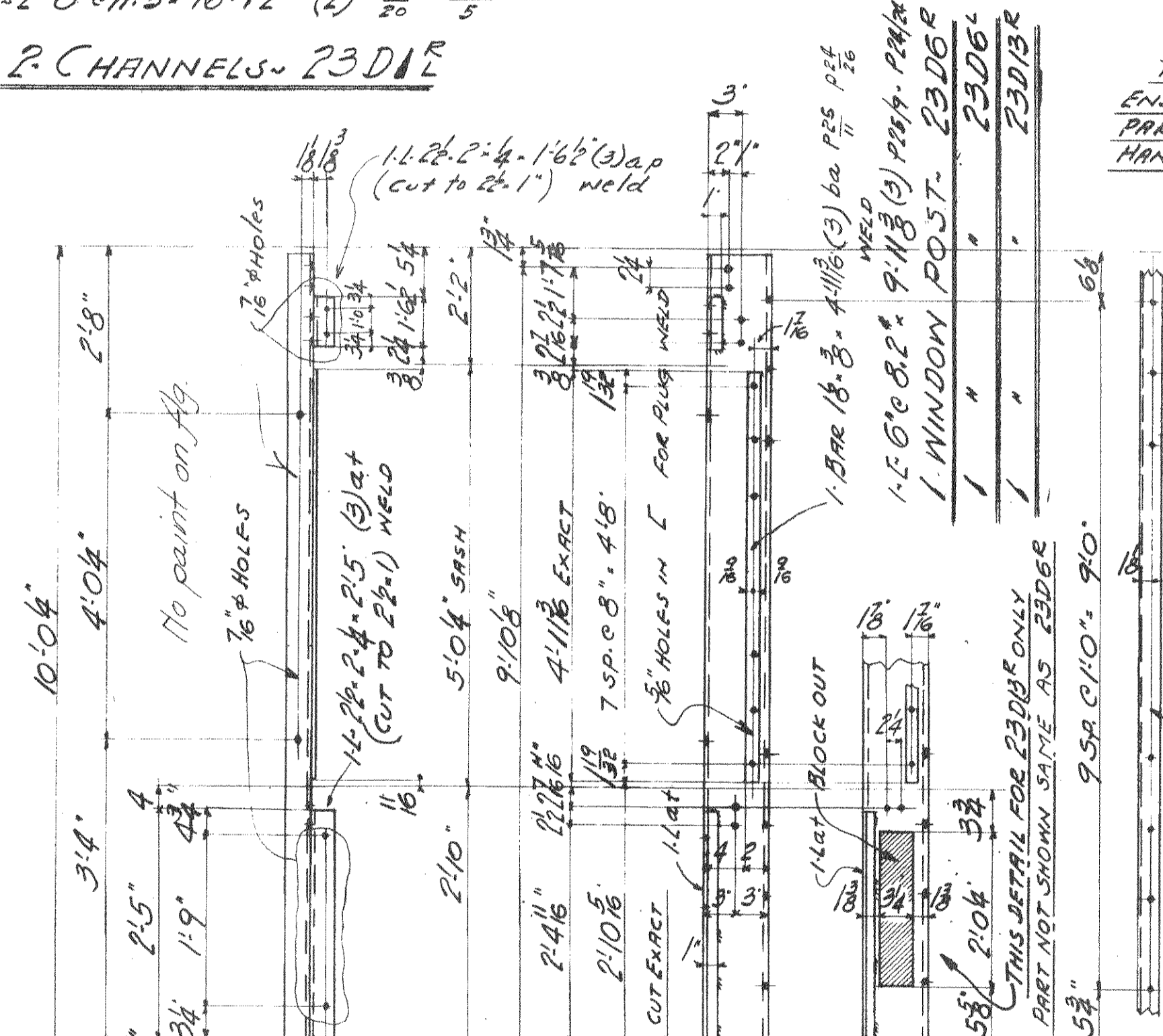
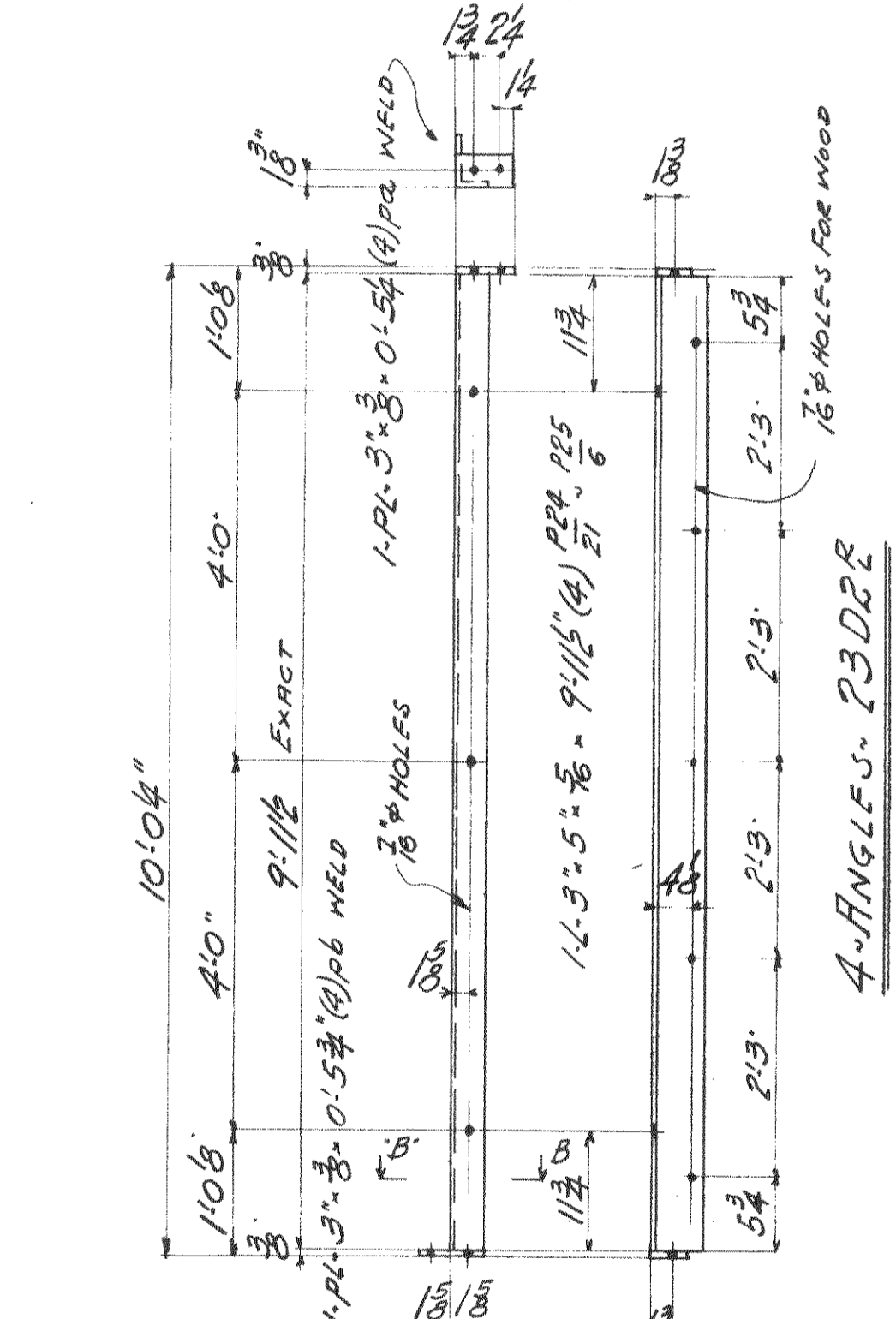
SCALE: 1/4" = 1'-0" SHEET No. 22
 SECTION 'C' CONT. No. 6200

Date	Revised				
Max. Shipping Lgth. 16'-12"					
End Distance 14' Unless Noted					

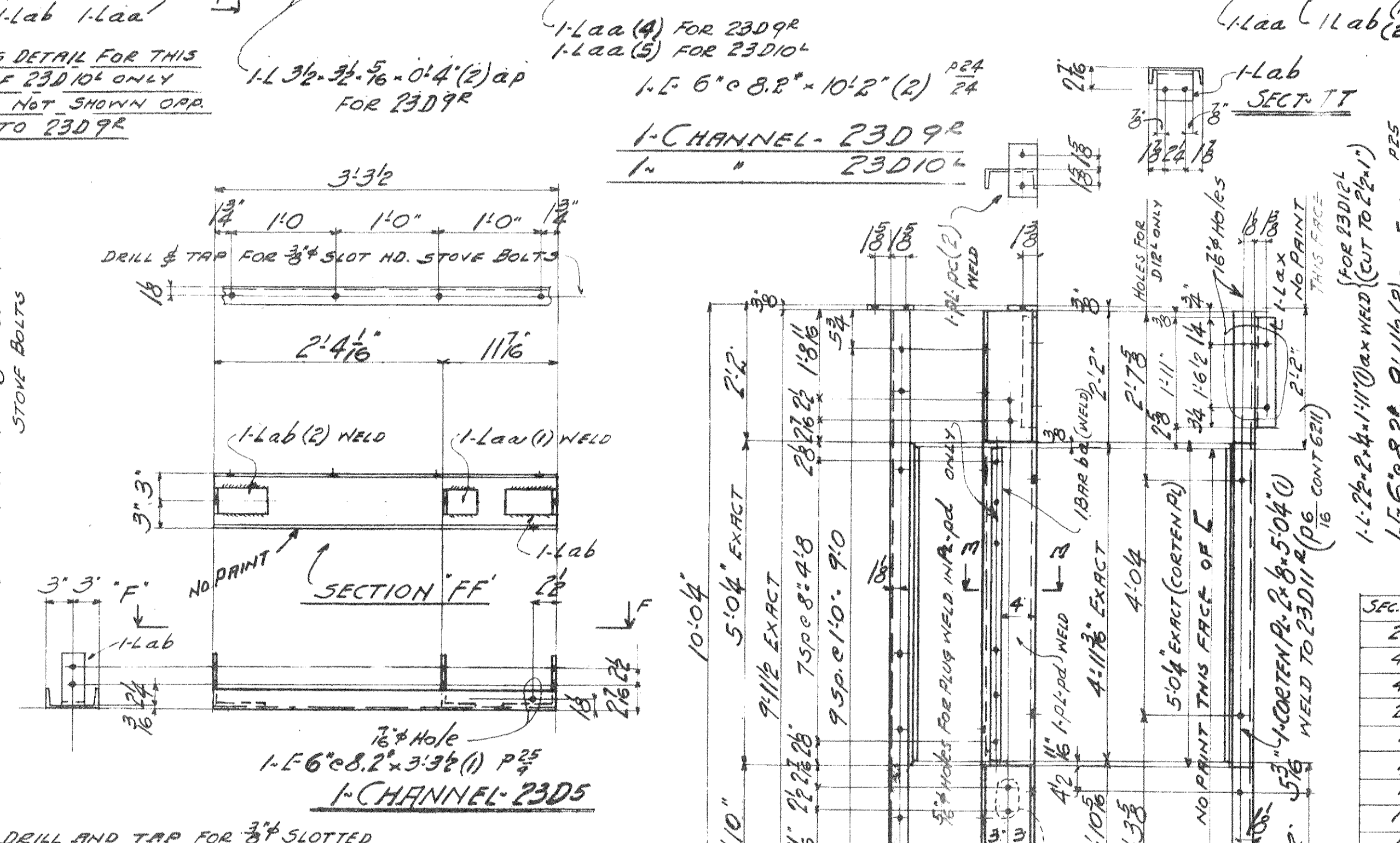


SECTION AA
 1-E 8"x11.5" 16'1 1/2" (2) P24 P25 P5
 2-CHANNELS-23D1E

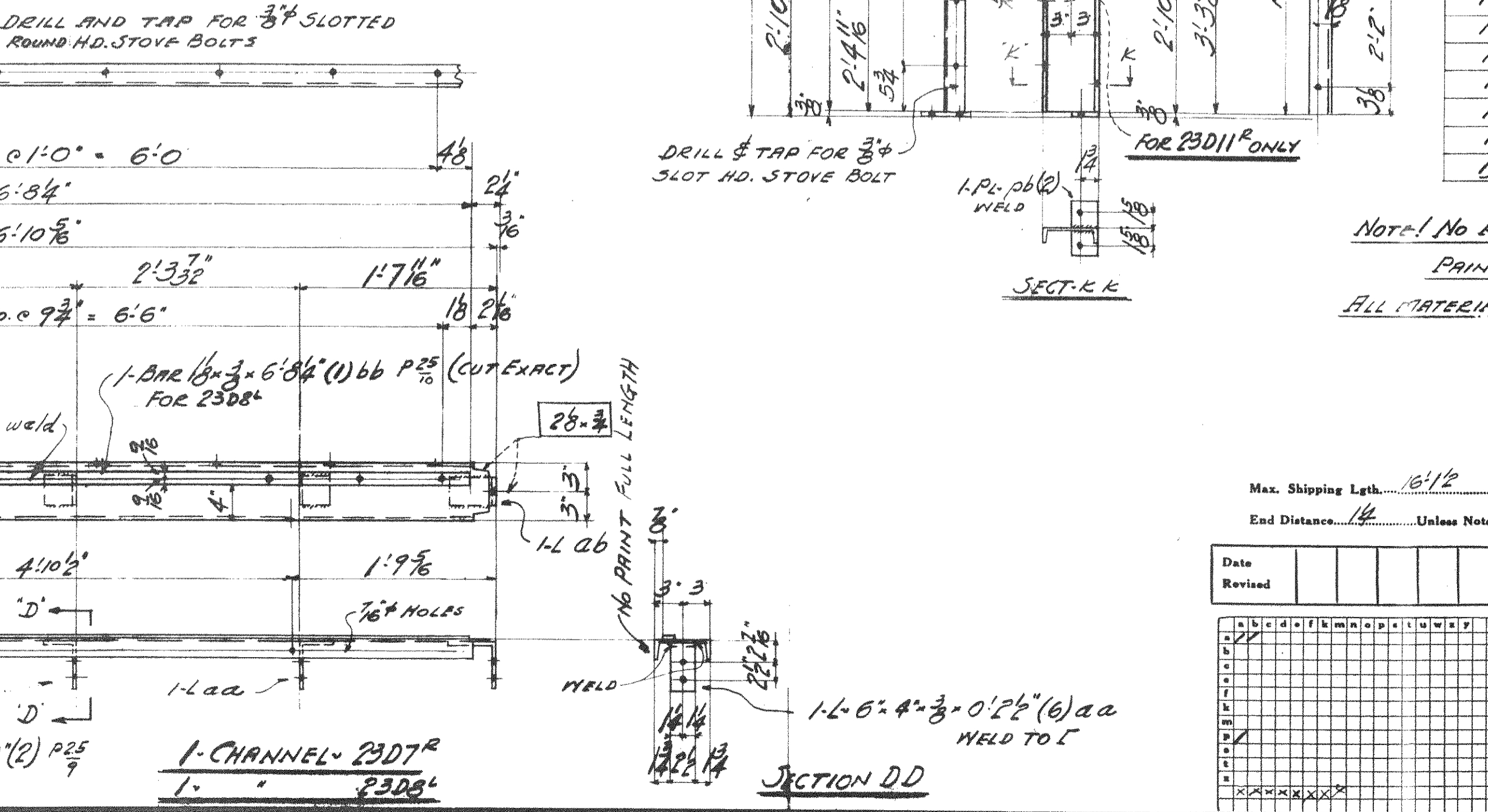
THIS DETAIL FOR THIS END OF 23D10 ONLY PARTS NOT SHOWN ORR HAND TO 23D9R



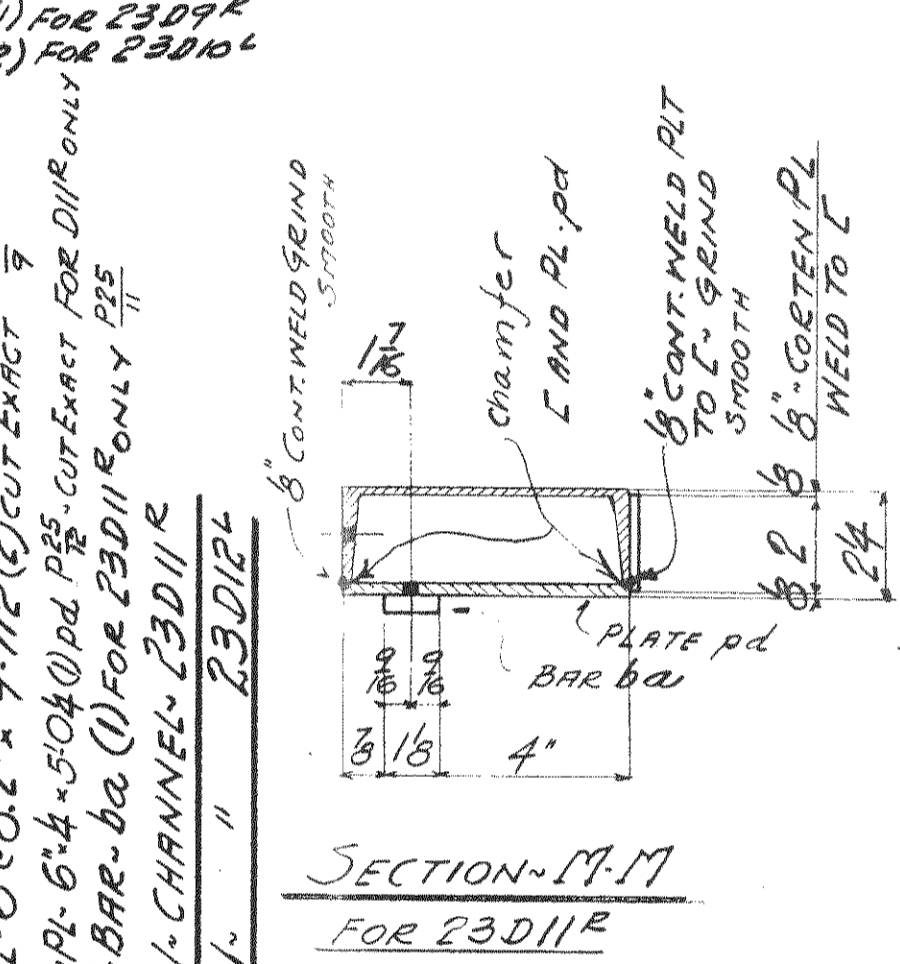
SECTION BB



SECTION FF
 1-E 6"x8.2" 3'3 3/8" (1) P25
 1-CHANNEL-23D5



SECTION DD
 1-Channel-23D7R
 1-Channel-23D6L



SECTION M-M
 FOR 23D1E

SUMMARY OF PARTS

SEC	TOTAL	DESCRIPTION	MARK	BILL	RV
2	2	CHANNEL	23D1E		M29A
4	4	ANGLES	23D2E		"
4	4	"	23D3E		"
2	2	"	23D4E		"
1	1	CHANNEL	23D5		M29C
1	1	WINDOW POSTS	23D6E		M29D
1	1	"	23D6L		"
1	1	CHANNEL	23D7R		M29C
1	1	"	23D8L		"
1	1	"	23D9R		"
1	1	"	23D10L		"
1	1	"	23D11E		M29A
1	1	"	23D12L		"
1	1	WINDOW POST	23D13E		"

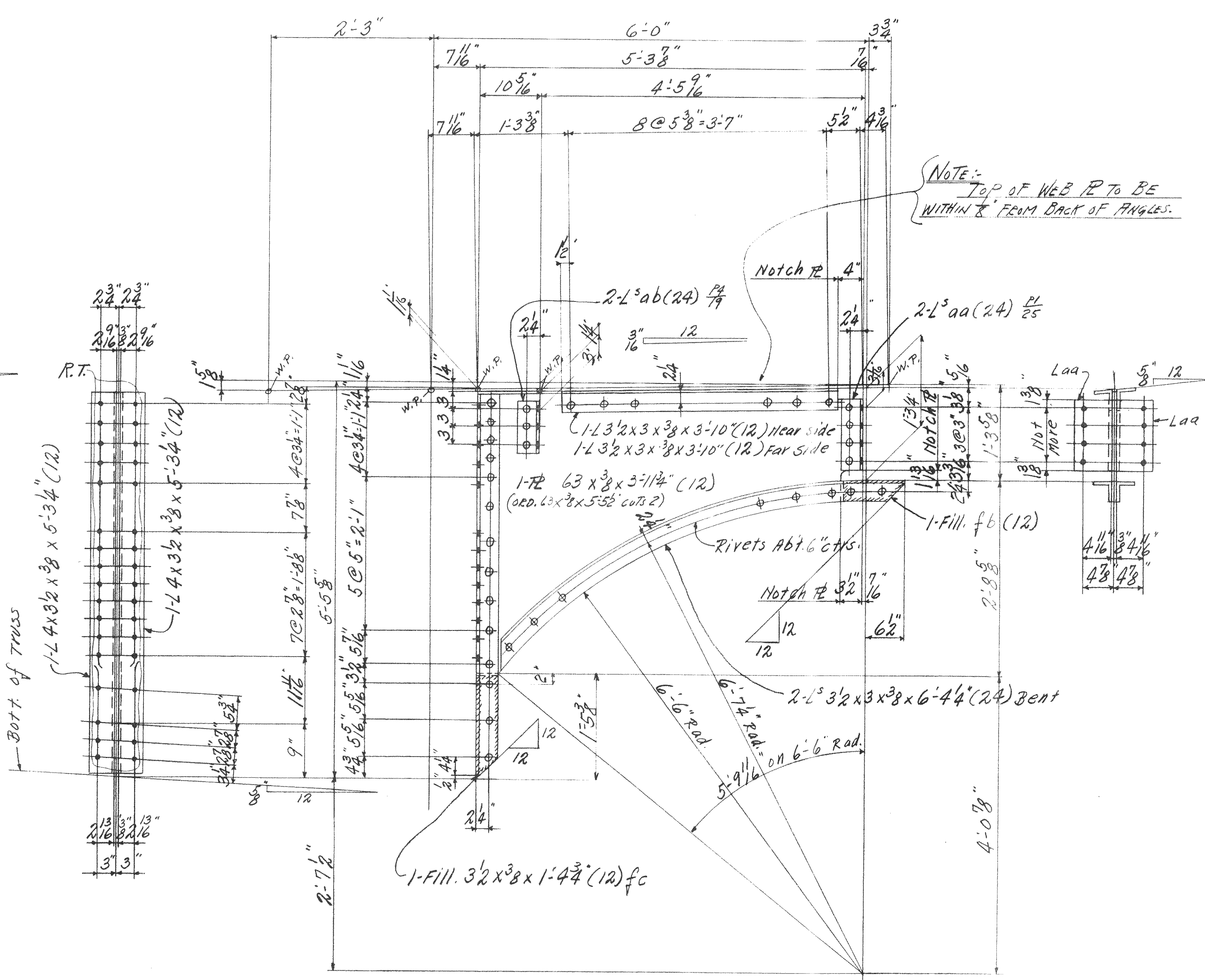
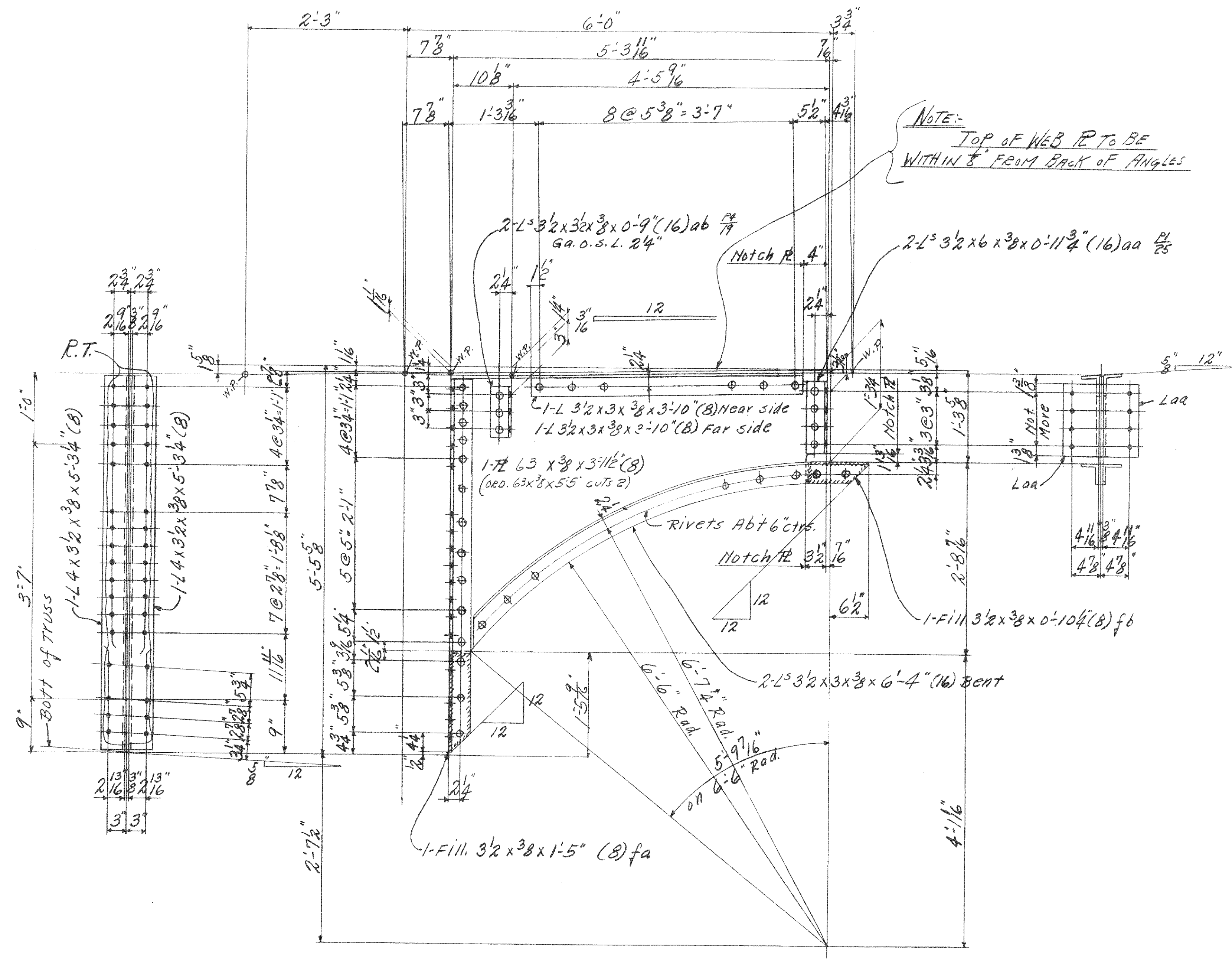
NOTE: NO PAINT CONTACT SURFACES SHOP OR FIELD
 PAINT MARKS FOR SECTION C TO BE "RED"
 ALL MATERIAL TO BE COPPER BEARING CARBON STEEL

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR: CITY OF CLEVELAND
 LOCATION: CLEVELAND, OHIO
 DESCRIPTION: COLUMBUS ROAD BRIDGE
 DETAILS OF OPERATORS HOUSE ON BRIDGE
 SPECIFICATIONS: OHIO STATE... REMAINING NAME
 INSPECTED BY: S. H. HERRON... ERRECTED BY: N. B. IGO
 SHOP PAINT: SCOT. HERRON... C. M. GREGG... PER SPECS
 FIELD PAINT: J. COATS... SEE SPECS
 MADE BY: R. S. M. DATE: 1/30/10 RIVETS: 5/8"
 TRACED BY: M. G. O. DATE: 10/25/10 OPEN HOLES: 1/8"
 CHECKED BY: M. G. O. DATE: 10/25/10 UNLESS NOTED
 SCALE: 1" = 10' SHEET No. 23
 SECTION 'C'
 CONT. No. 6200

Max. Shipping Leth. 16'12
 End Distance 14 Unless Noted

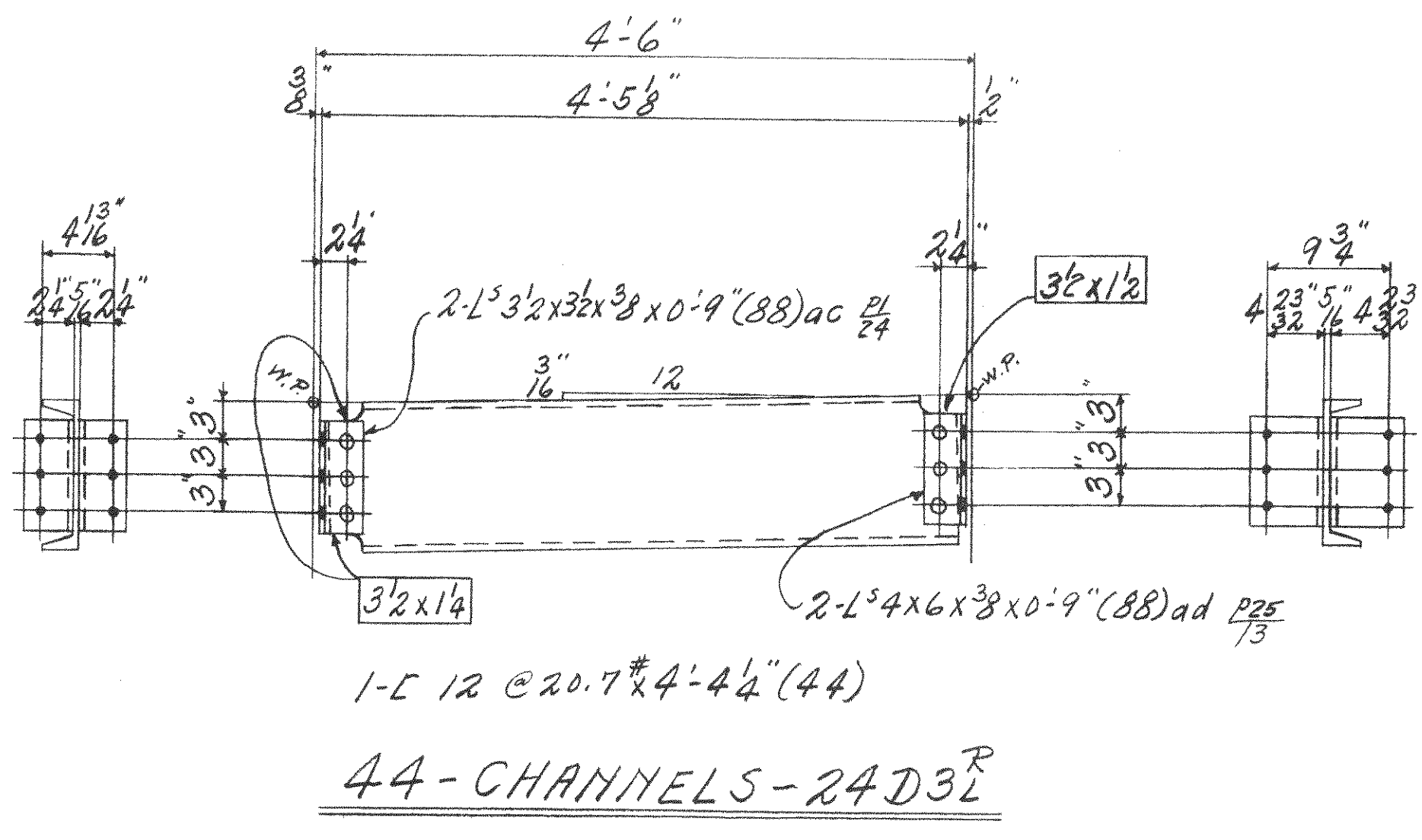
Date	Revised



8-SIDEWALK BRACKETS - RADII R
AT L1-L2-L9-L10

12-SIDEWALK BRACKETS - RADII R
AT L3 TO L8 INCL.

SEC. No.	REQ.	DESCRIPTION	MARK	BILL	REV.
8	8	SIDEWALK BRACKETS RADII R	M24		344
12	12	do	RADII R		516
44	44	CHANNELS	RADII R		264



44-CHANNELS - RADII R

NOTE:-
 Copes and cuts to be flame cut and ground smooth.
 All re-entrant cuts to be filleted.
 No paint on contact surfaces in shop or field.
 Paint marks for Section 'C' to be RED.
 All material Carbon Steel Copper Bearing.
 Holes marked RT. to be sub-punched & small and reamed to size to a metal template.

P.W.A. DOCKET No. OH-1756-F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR: CITY of Cleveland, Ohio
 LOCATION: Cleveland, Ohio
 DESCRIPTION: Columbus Road Bridge

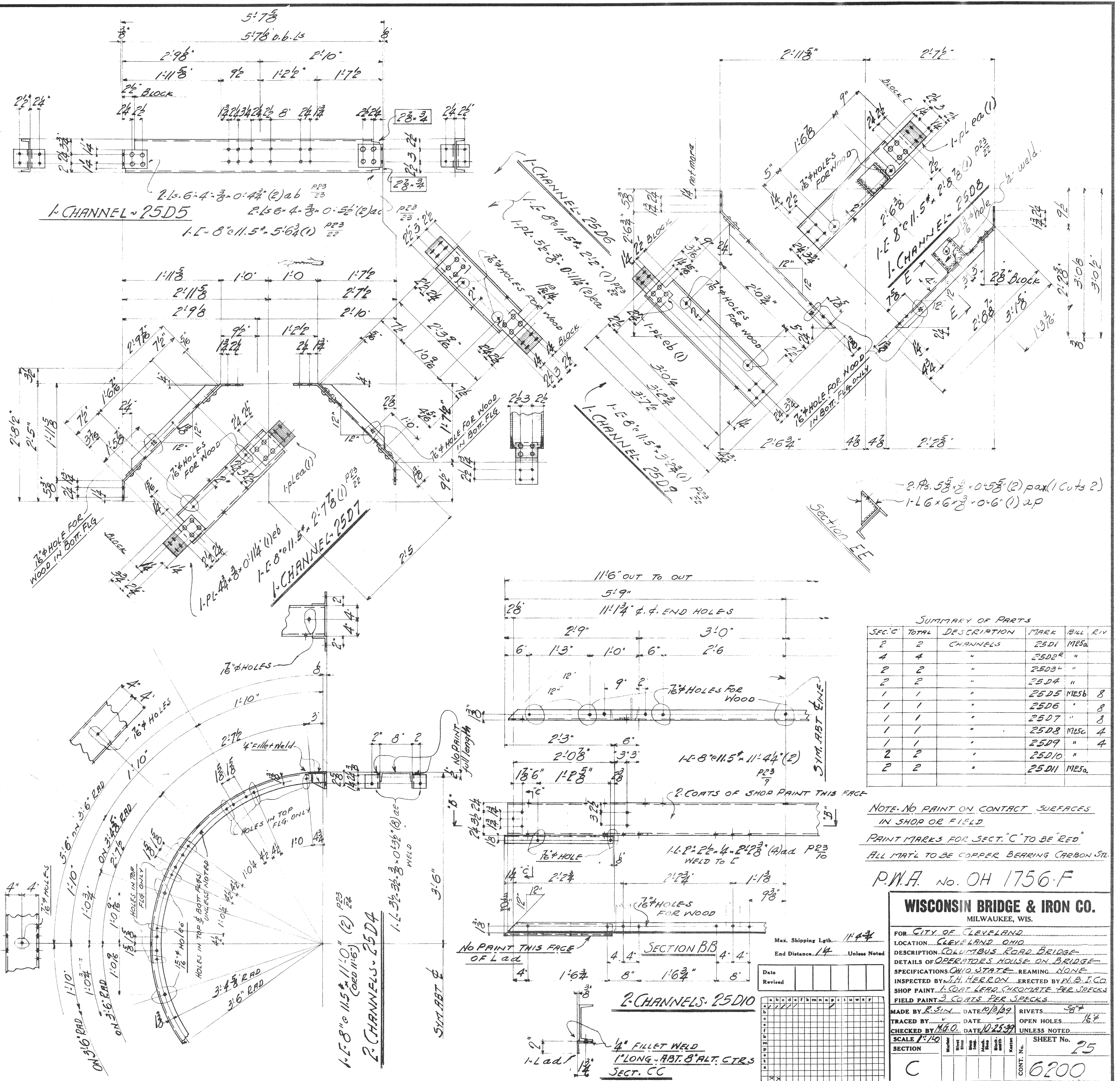
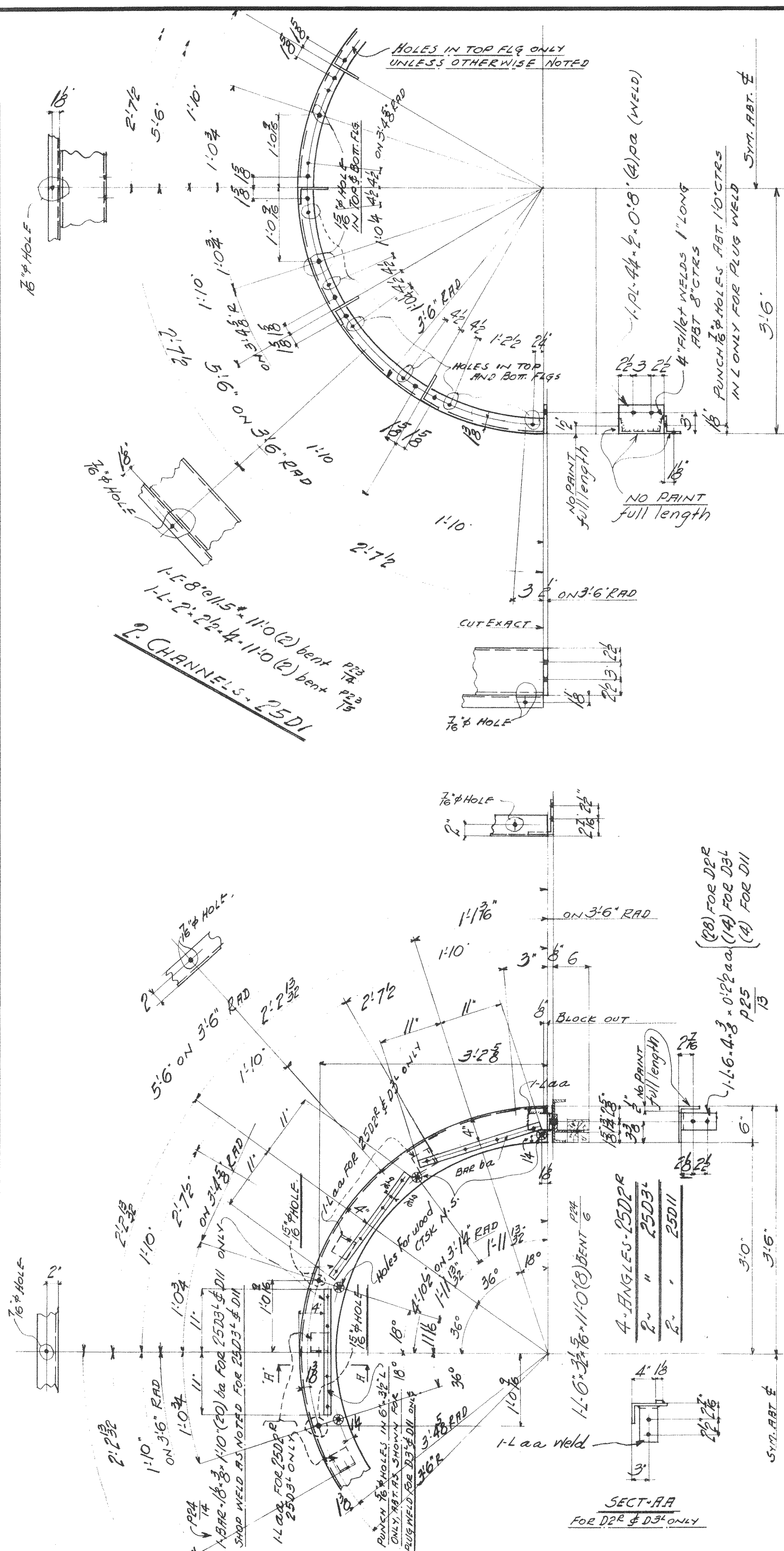
DETAILS OF: SIDEWALK BRACKETS

INSPECTED BY: J. HERRON DATE: 2-21-37
 SHOP PAINT: L.C.T. Lead Chromate (see spec.)

MADE BY: R.S.M. DATE: 2-21-37
 CHECKED BY: J.F.S. DATE: 10-5-37

SCALE: _____ SHEET No. 24
 SECTION: C CONT. No. 6200

Date	Revised	Revised	Revised	Revised



SUMMARY OF PARTS

SEC. C	TOTAL	DESCRIPTION	MARK	BILL	REV
2	2	CHANNELS	25D1	MESa	
4	4	"	25D2	"	
2	2	"	25D3	"	
2	2	"	25D4	"	
1	1	"	25D5	MESb	8
1	1	"	25D6	"	8
1	1	"	25D7	"	8
1	1	"	25D8	MESc	4
1	1	"	25D9	"	4
2	2	"	25D10	"	
2	2	"	25D11	MESa	

NOTE - NO PAINT ON CONTACT SURFACES IN SHOP OR FIELD
 PAINT MARKS FOR SECT. "C" TO BE RED
 ALL MAT'L TO BE COPPER BEARING CARBON STL

P.W.A. No. OH 1756-F

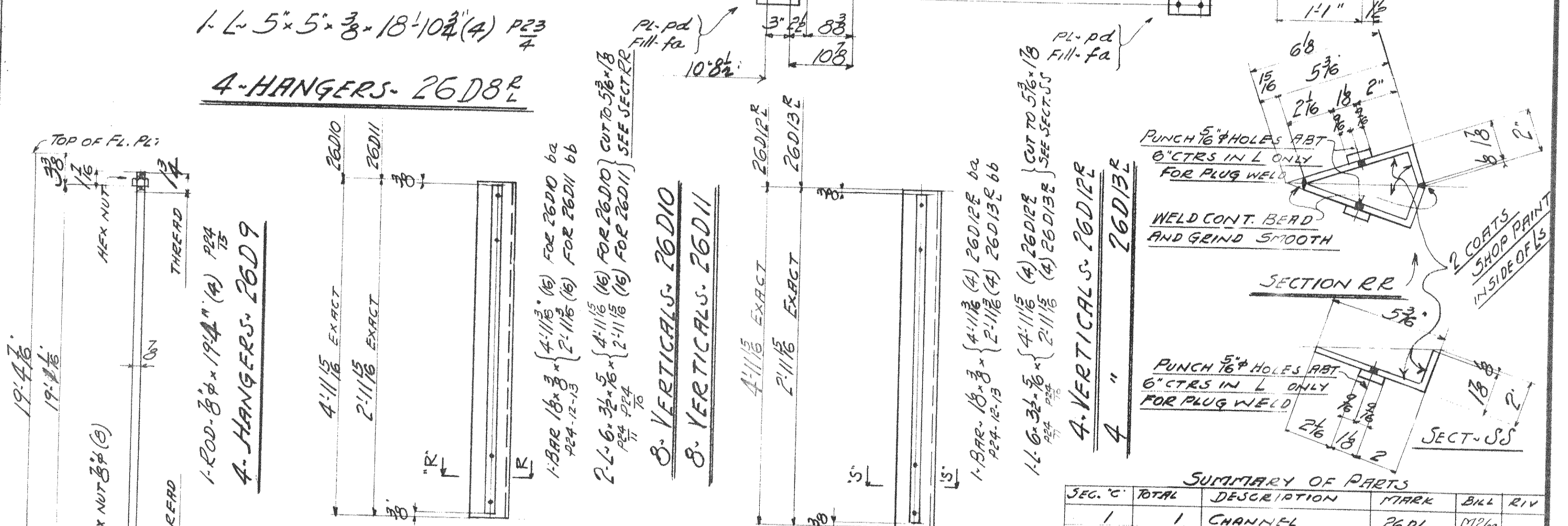
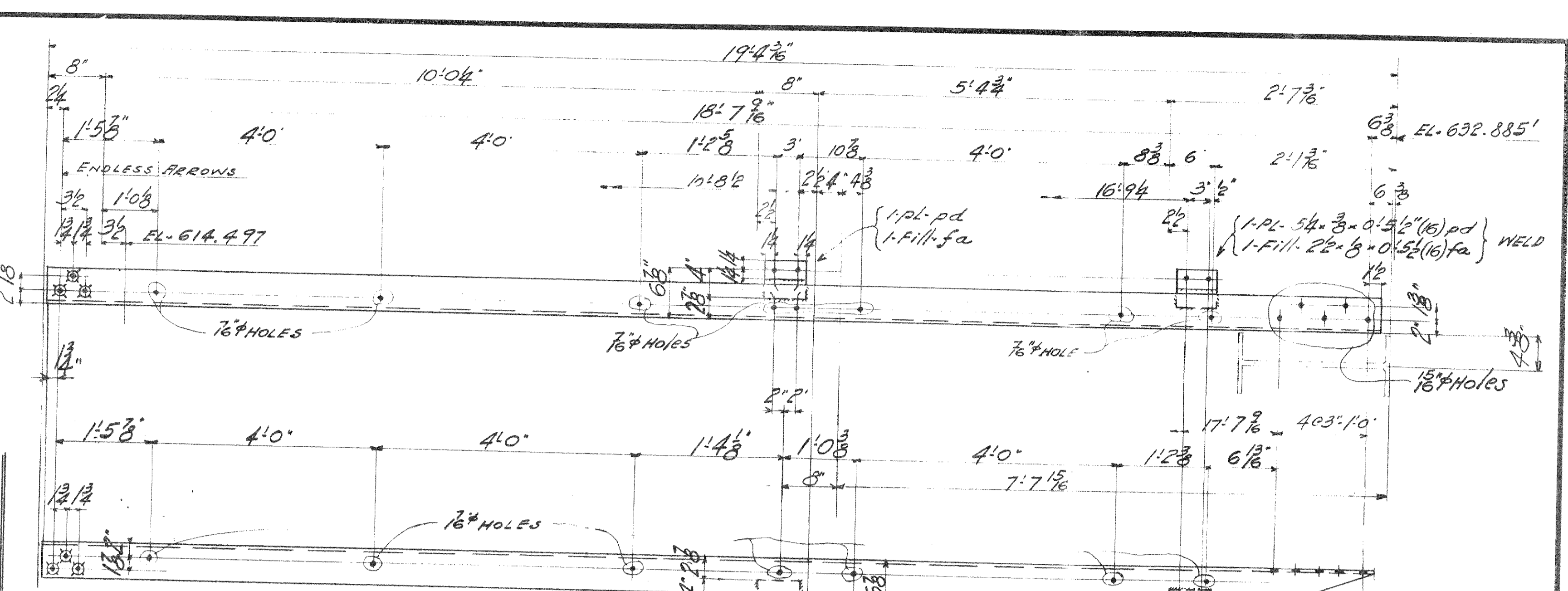
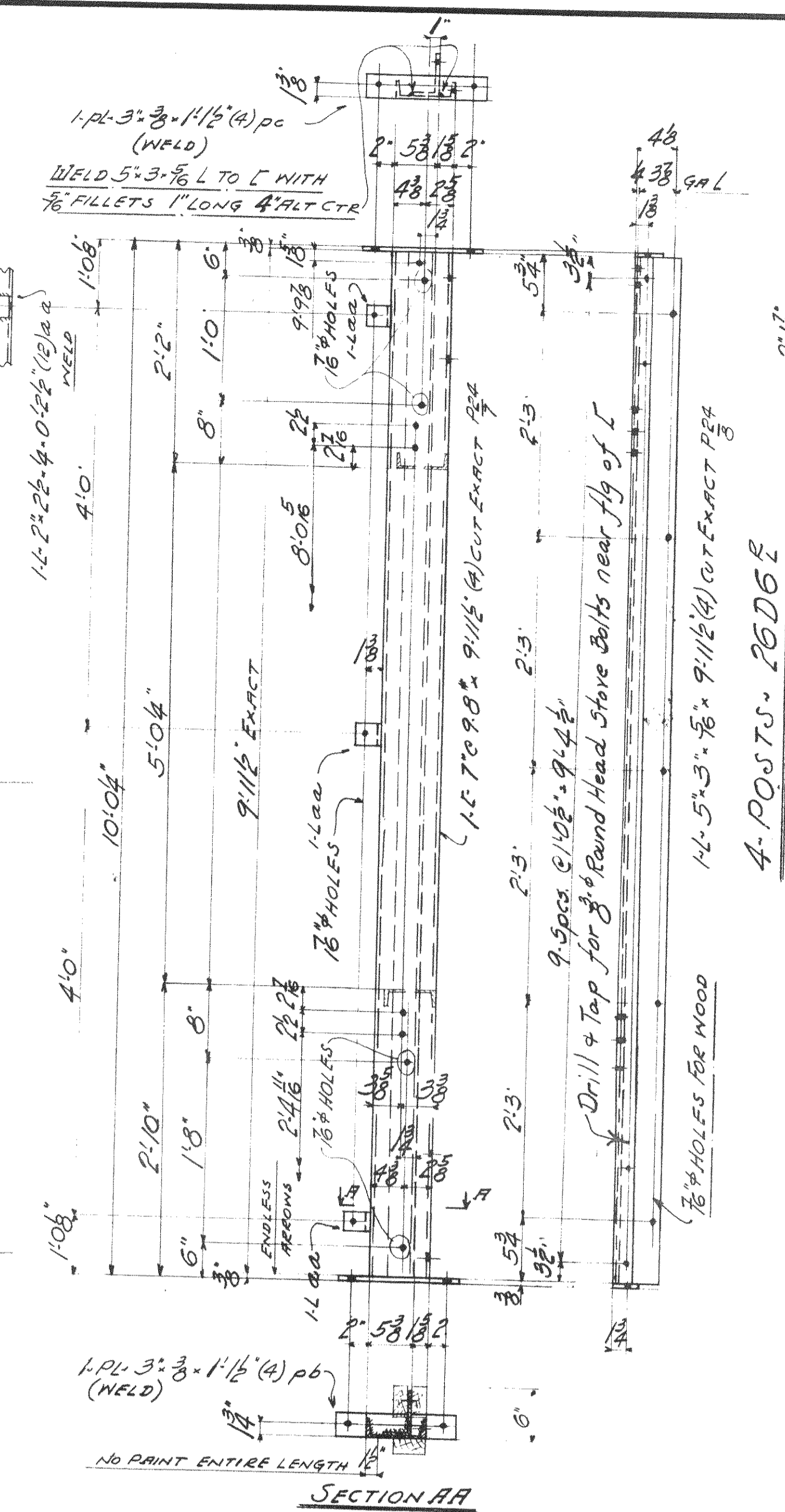
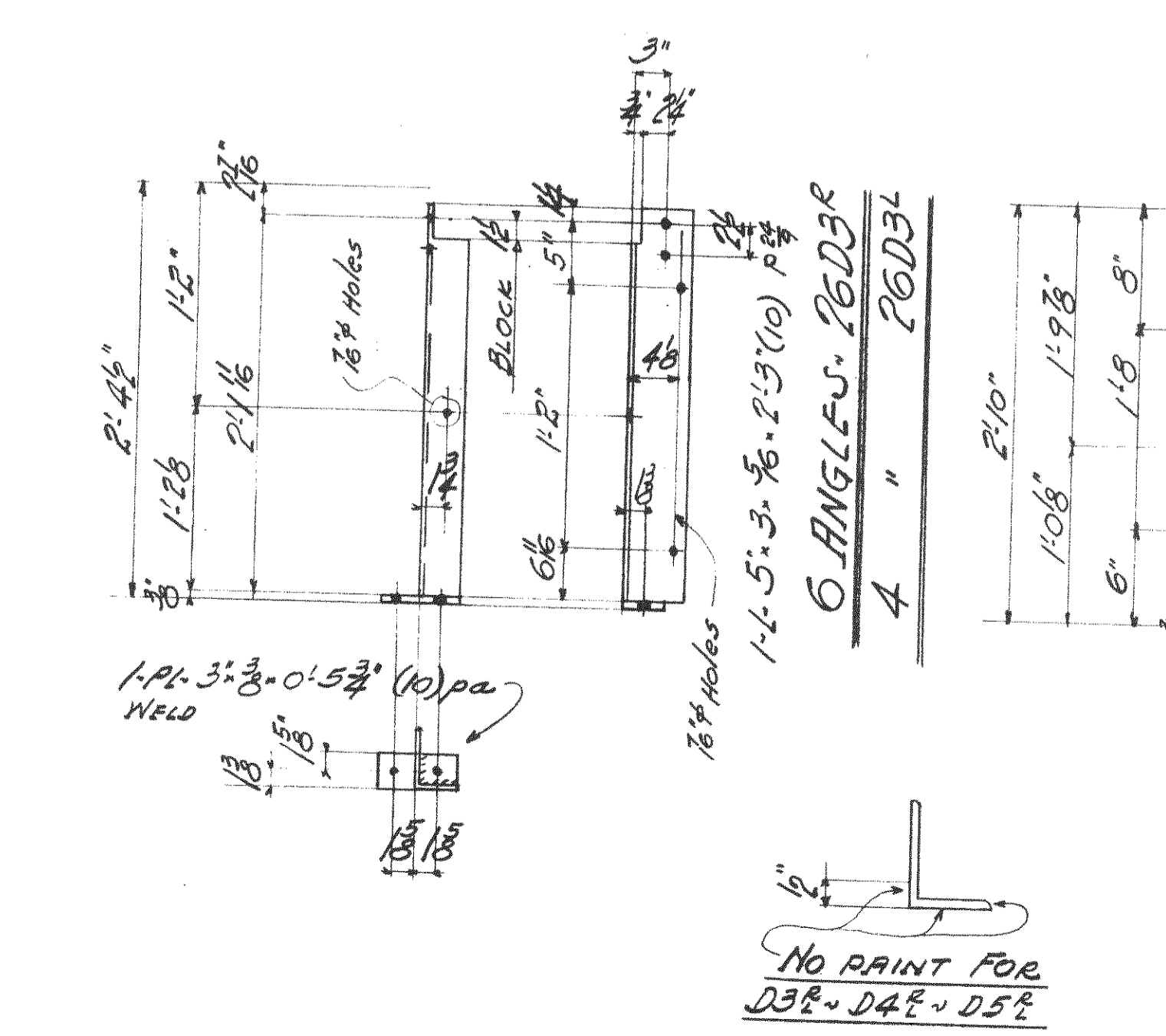
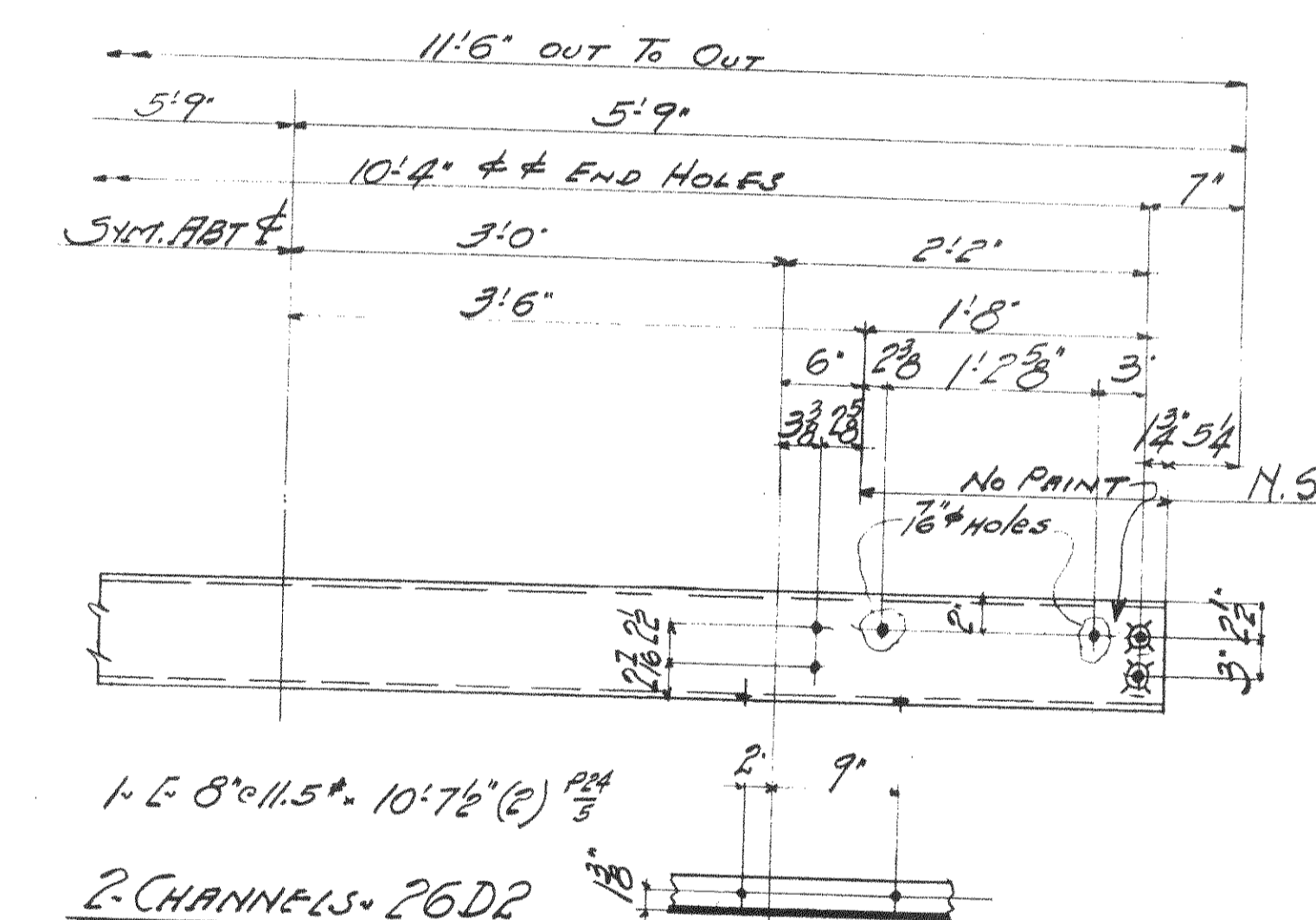
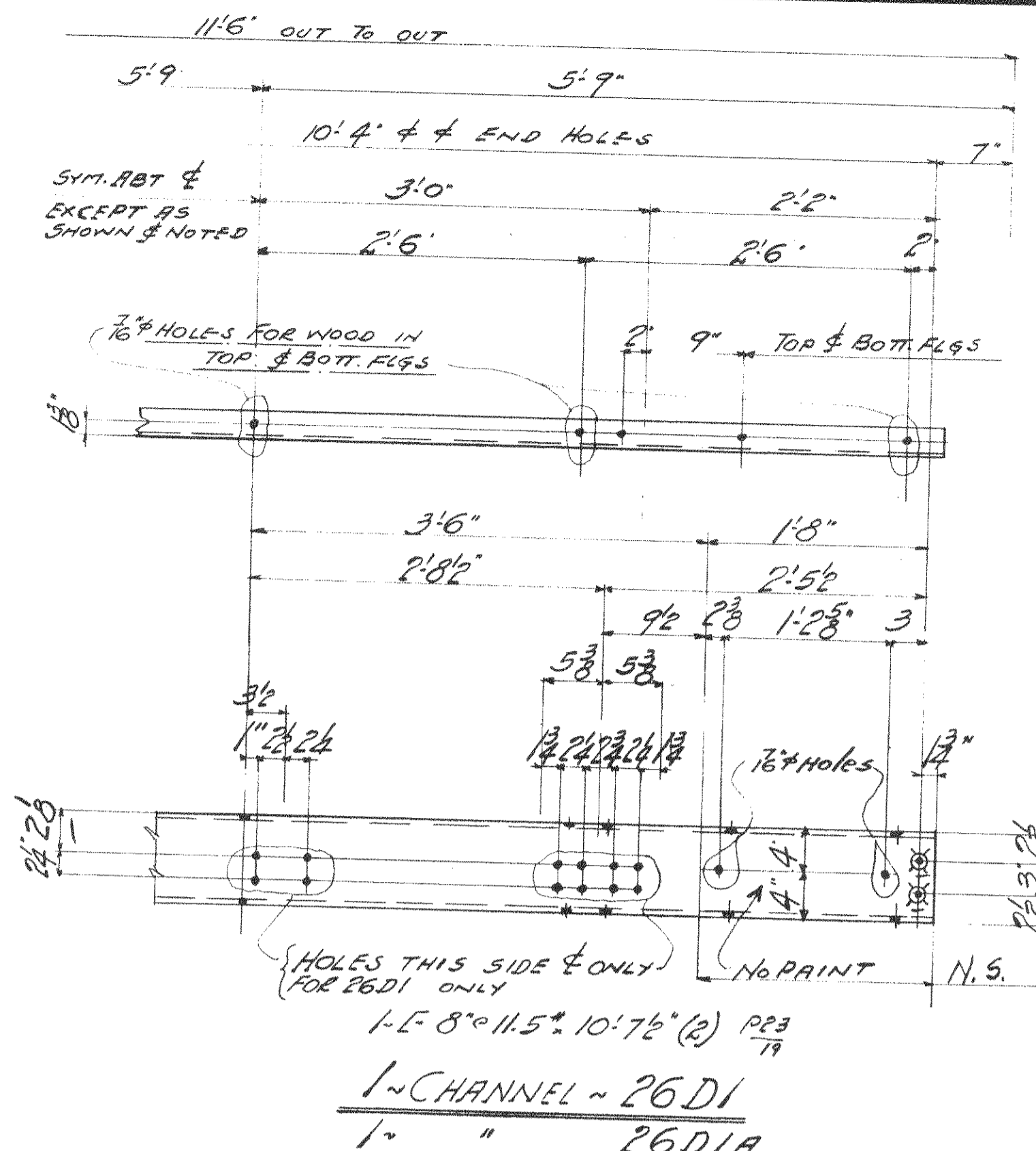
WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR: CITY OF CLEVELAND
 LOCATION: CLEVELAND, OHIO
 DESCRIPTION: CLEVELAND ROAD BRIDGE
 DETAILS OF OPERATOR'S HOUSE ON BRIDGE
 SPECIFICATIONS OHIO STATE REAMING NONE
 INSPECTED BY: H. HERMAN ERRECTED BY: W.B. I. CO
 SHOP PAINT: 2 COATS PER SPECS
 FIELD PAINT: 2 COATS PER SPECS

MADE BY: R. S. ... DATE: 10/25/29
 TRACED BY: ... DATE: ...
 CHECKED BY: ... DATE: 10/25/29
 SCALE: 1/8" = 1'-0"

SECTION: C

SHEET No. 25
 CONT. No. 6200



SUMMARY OF PARTS

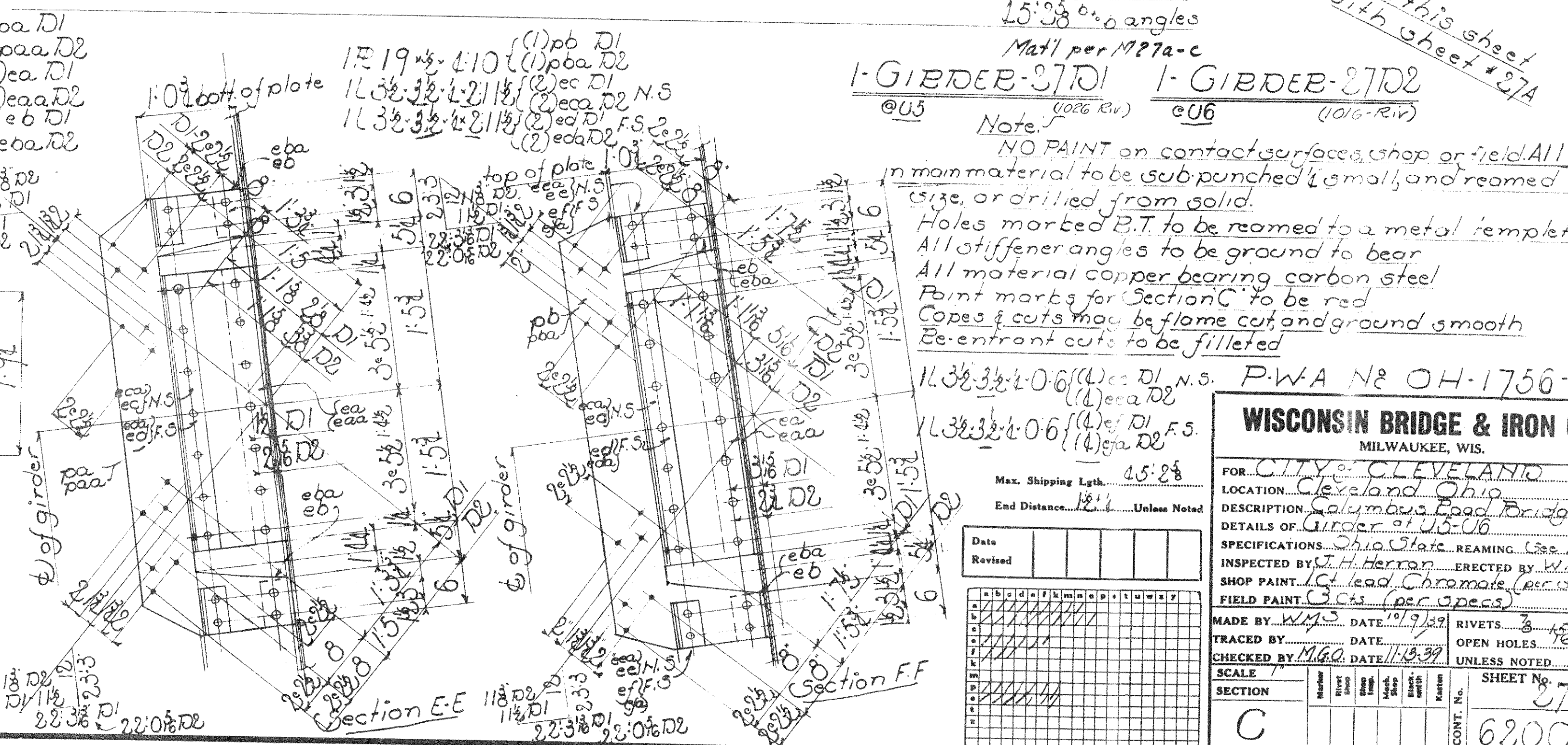
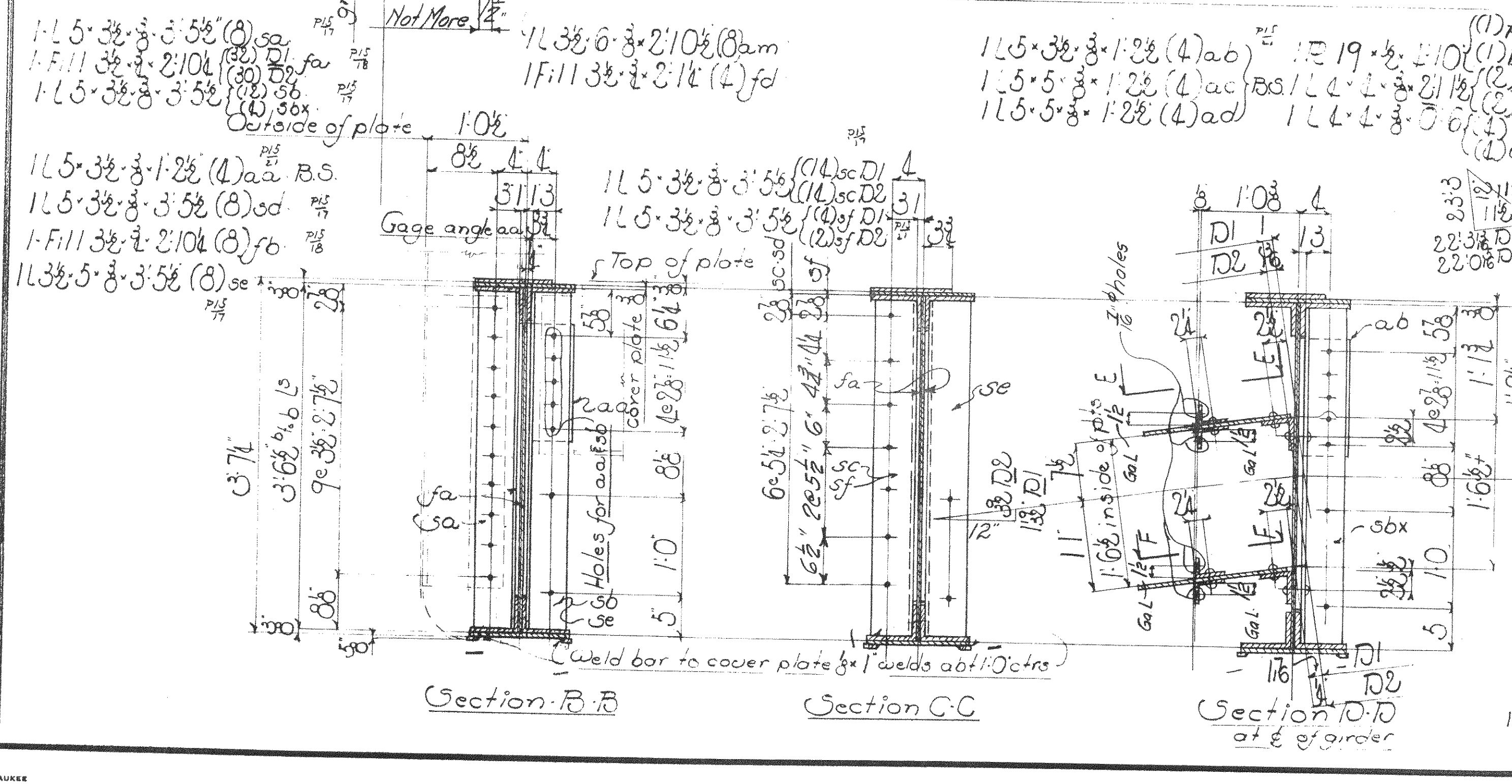
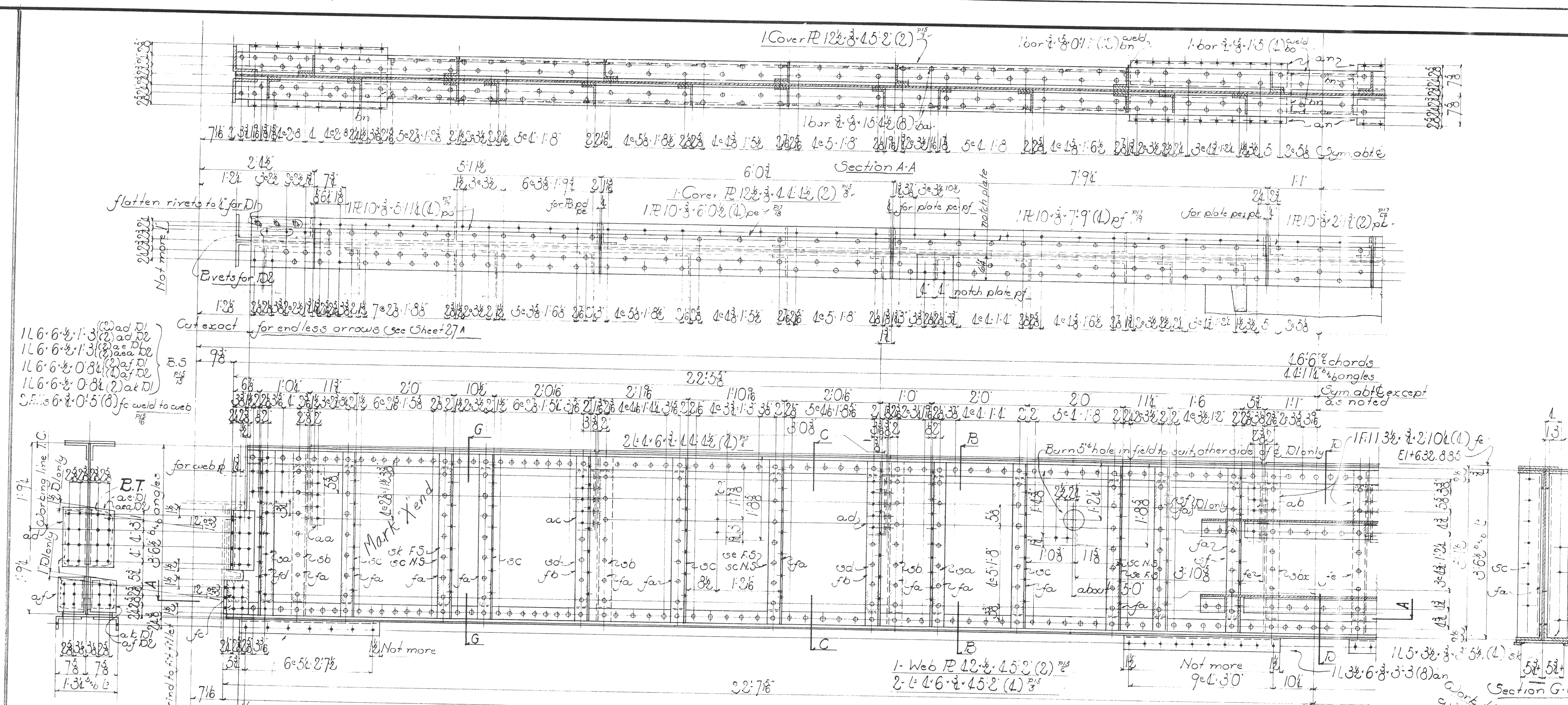
SEC. C	TOTAL	DESCRIPTION	MARK	BILL	RIV
1	1	CHANNEL	26D1	M26a	
1	1	"	26D1A	"	
2	2	"	26D2	"	
6	6	ANGLES	26D3R	"	
4	4	"	26D3L	"	
6	6	"	26D4R	"	
4	4	"	26D4L	"	
6	6	"	26D5R	"	
4	4	"	26D5L	"	
4	4	POSTS	26D6E	"	
4	4	POSTS	26D7E	"	
4	4	HANGERS	26D8E	M26b	
4	4	"	26D9	"	
8	8	VERTICALS	26D10	"	
8	8	"	26D11	"	
4	4	"	26D12E	M26c	
4	4	VERTICALS	26D13E	"	

NOTE: NO PAINT CONTACT SURFACES SHOP OR FIELD
PAINT MARKS FOR SECT. C TO BE RED
ALL MATERIAL TO BE COARSE BEARING CARBON STEEL
P.W.A. No OH 1756 F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR: CITY OF CLEVELAND
LOCATION: CLEVELAND, OHIO
DESCRIPTION: COLUMBUS ROAD BRIDGE
DETAILS OF: OPERATOR'S HOUSE ON BRIDGE
SPECIFICATIONS: OHIO STATE REAMING, NONE
INSPECTED BY: J.H. HEERON, ERRECTED BY: W.B. & CO.
SHOP PAINT: COAT. LEAD. CHROMIATE (SEE SPECS)
FIELD PAINT: 2 COATS. SEE SPECS

MADE BY: R.S.N. DATE: 9/7/39 RIVETS: 3/4"
TRACED BY: V DATE: OPEN HOLES: 1/6"
CHECKED BY: M.G.O. DATE: 10/23/39 UNLESS NOTED
SCALE: 1/2" = 1' SHEET NO. 26
SECTION: C CONT. No. 6200



NO PAINT on contact surfaces, shop or field. All holes in main material to be sub-punched & small, and reamed to size, or drilled from solid.

Holes mortised B.T. to be reamed to a metal template.

All stiffener angles to be ground to bear.

All material copper bearing carbon steel.

Point marks for Section C to be red.

Copes & cuts may be flame cut and ground smooth.

Re-entrant cuts to be filleted.

1L 3 x 3 x 3/8 (8) ea DL n.s. P-WA No OH-1756-F

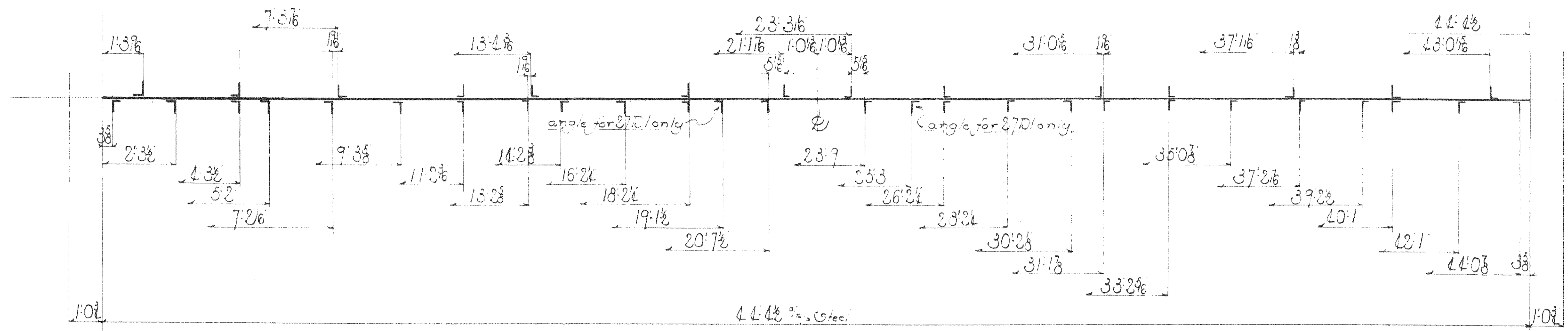
WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR... CITY OF CLEVELAND
LOCATION... Cleveland Ohio
DESCRIPTION... Calvinus Spad Bridge
DETAILS OF... Girder of U-06

SPECIFICATIONS... Ohio State Reaming See Note
INSPECTED BY... J. H. Herron ERRECTED BY... W. B. Co
SHOP PAINT... 1 ct lead Chromate (per spec)
FIELD PAINT... 3 pts (per spec)

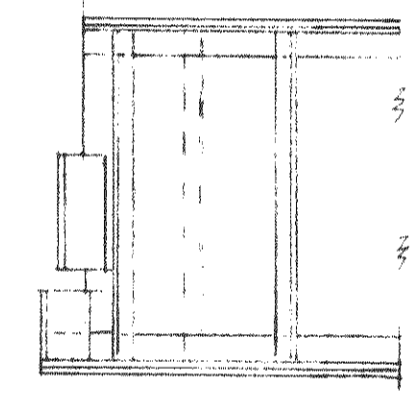
MADE BY... W. B. Co DATE... 11/19/37 RIVETS... 3 1/2
TRACED BY... M. G. O. DATE... 11/19/37 OPEN HOLES... 1/2
CHECKED BY... M. G. O. DATE... 11/19/37 UNLESS NOTED...
SCALE... 3/16" = 1'-0" SHEET NO... 37

SECTION C CONT. No. 6200



STIFFENER DIAG # 27D & 27ES

endless arrows
See SH# 27



Note
Work this sheet with sheet # 27

P.L.A. Docket No. 0-1788-F

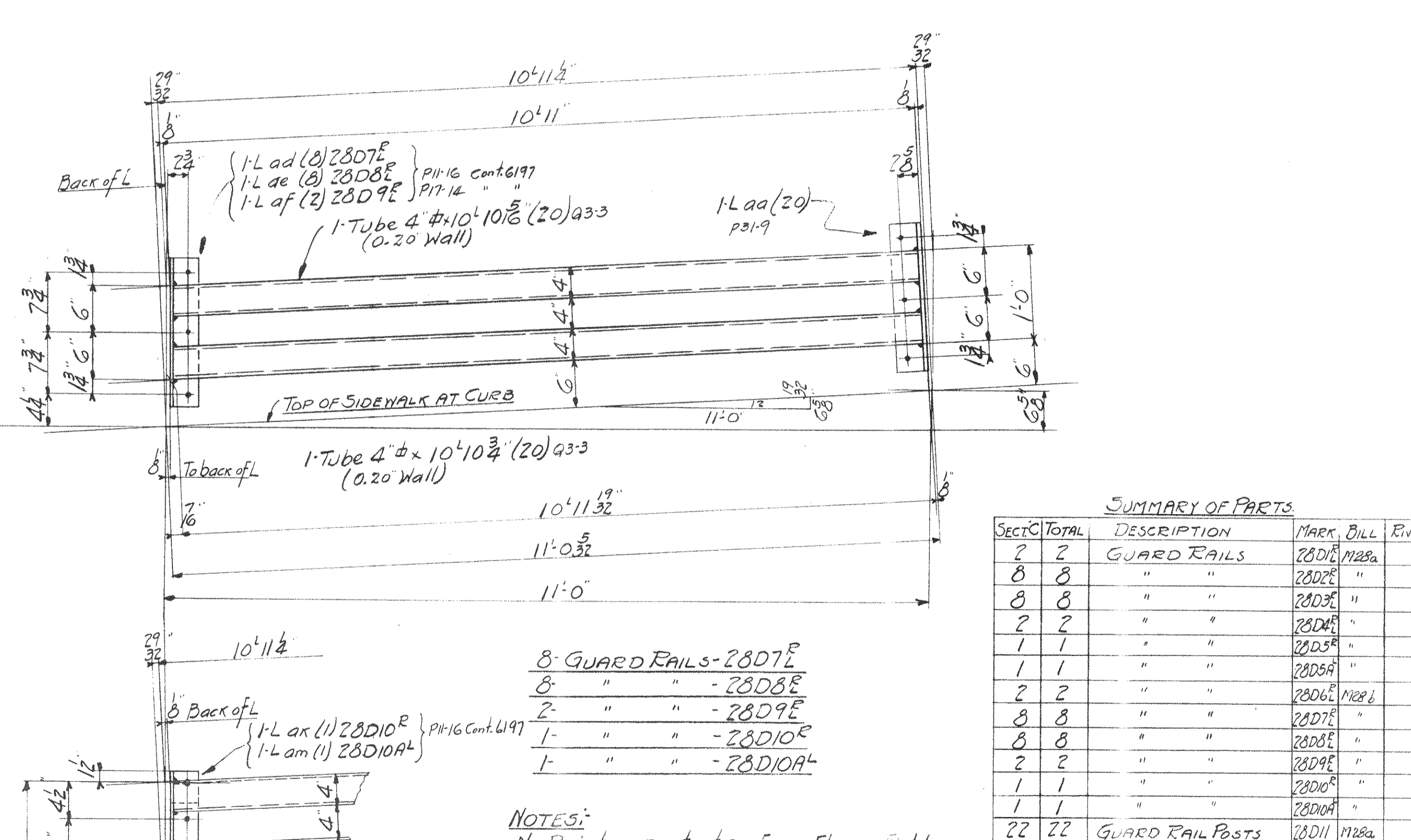
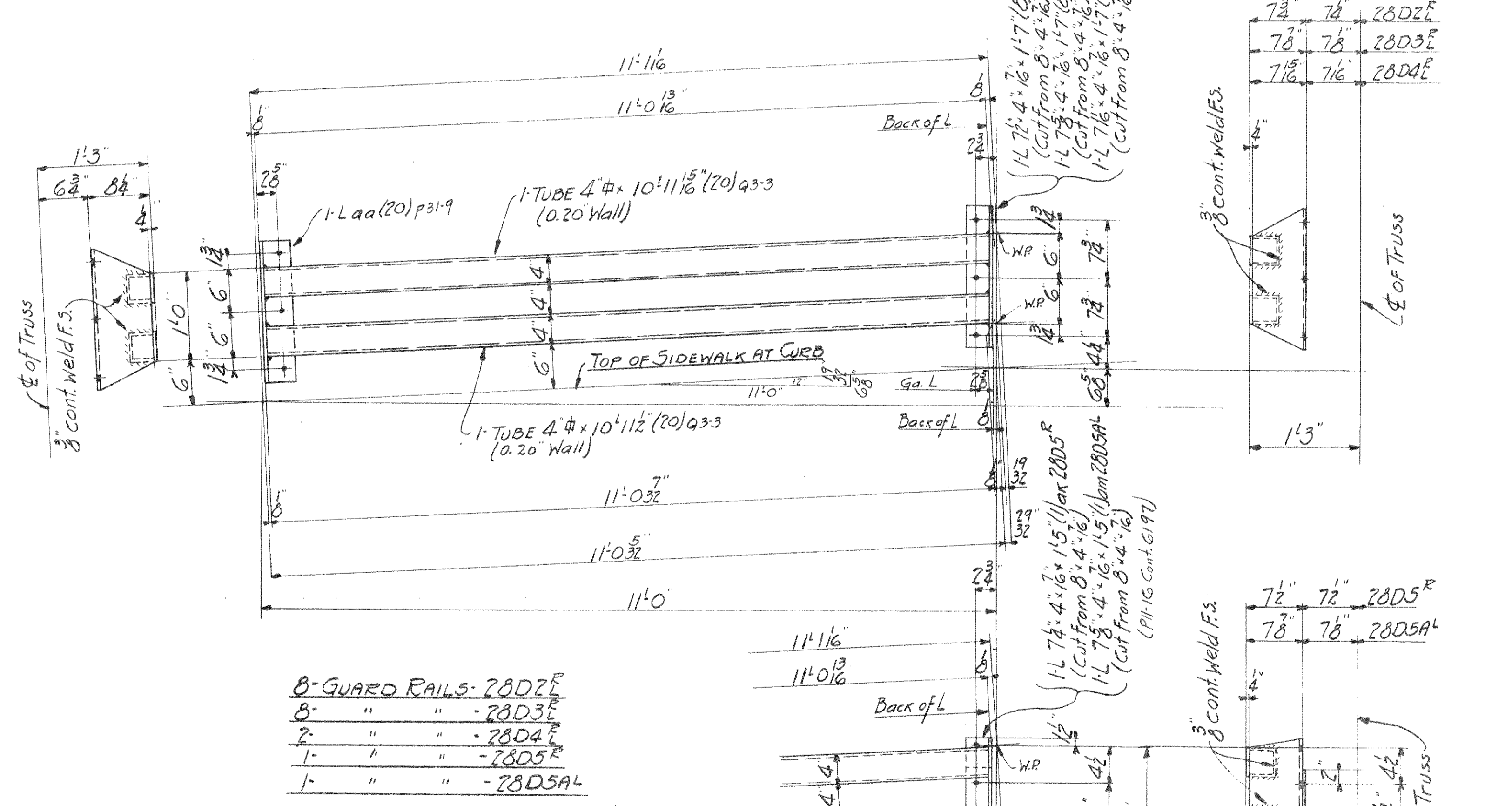
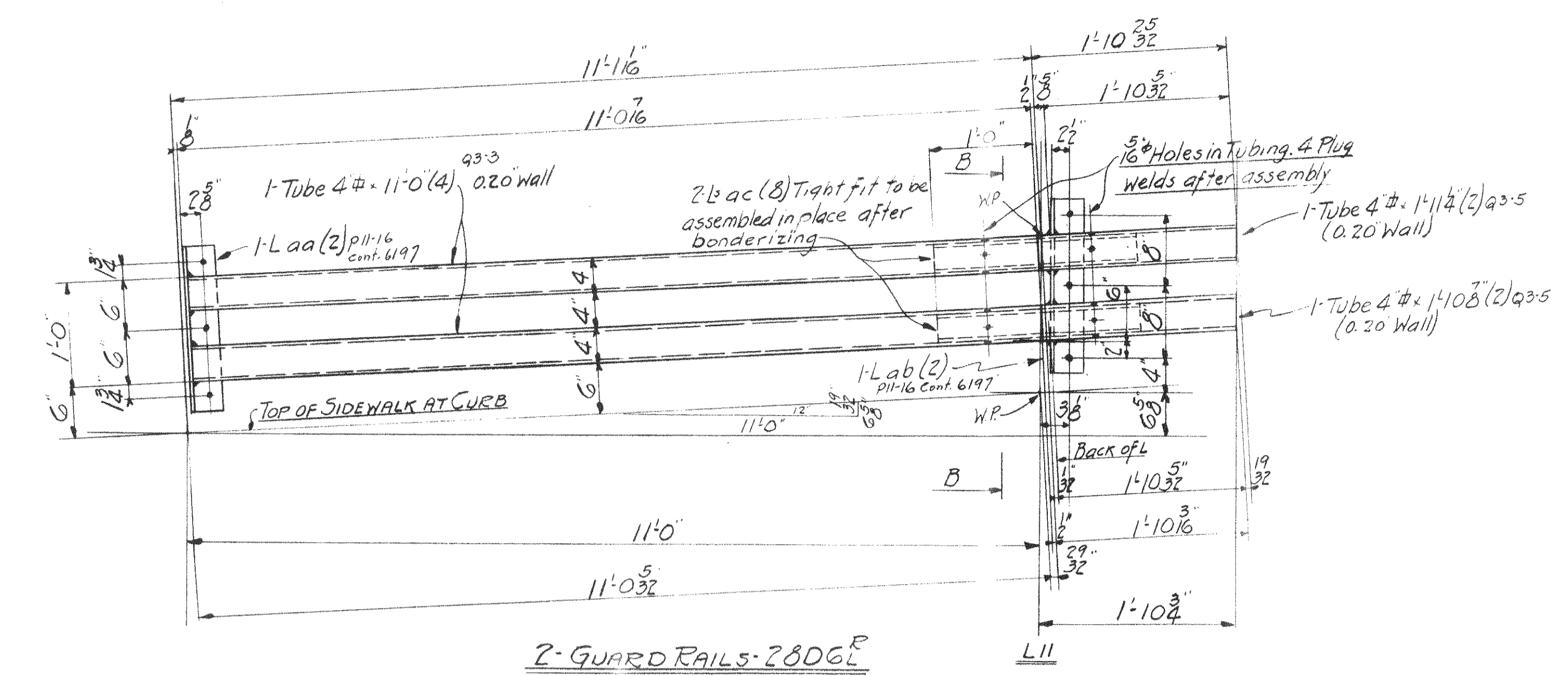
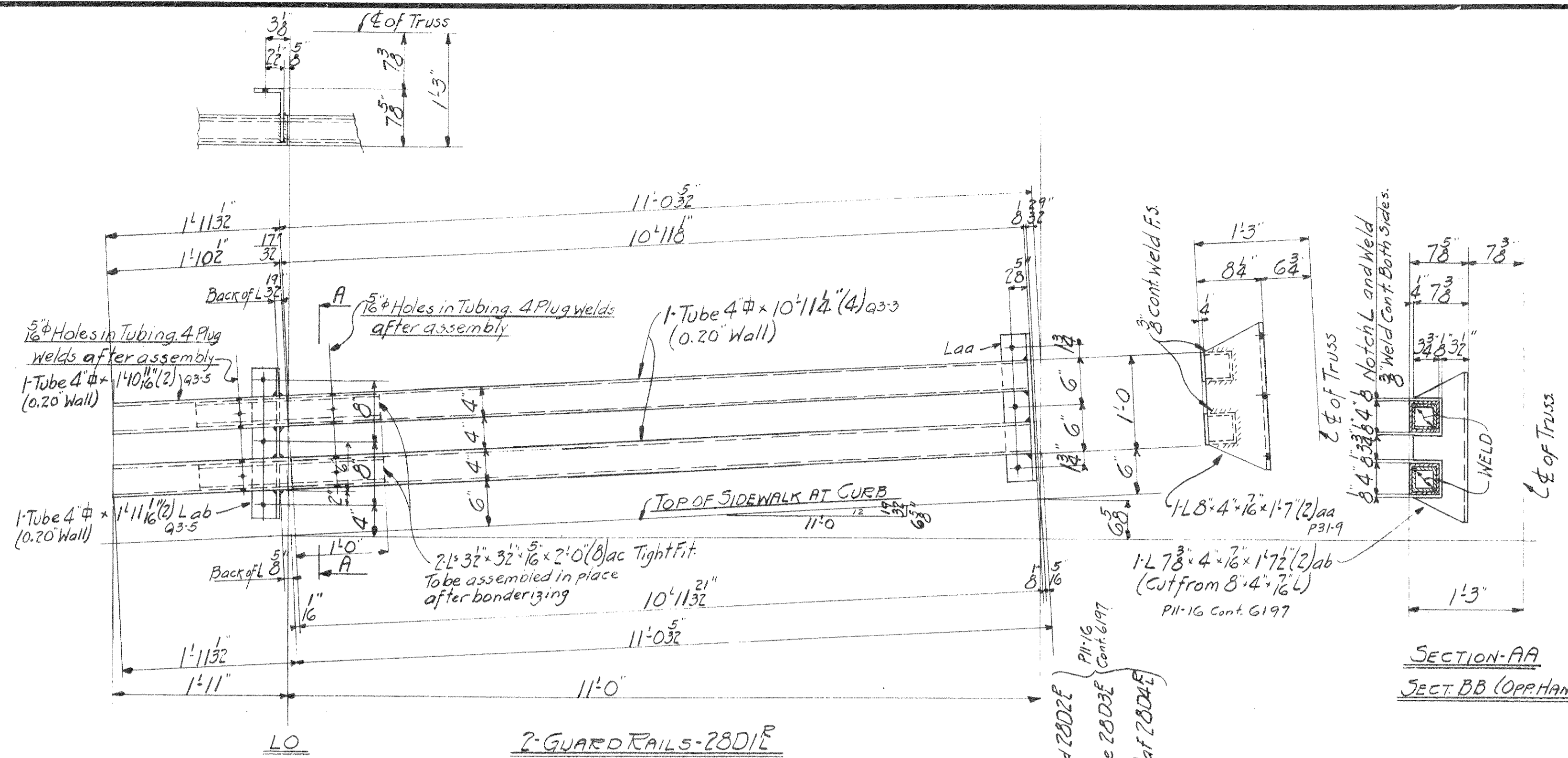
WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR CITY OF CLEVELAND
LOCATION Cleveland, Ohio
DESCRIPTION Cuyahoga River Bridge
DETAILS OF Stiffener Diaphragm
SPECIFICATIONS REAMING
INSPECTED BY _____ REAMING
SHOP PAINT _____ ERECTED BY _____

Max. Shipping Lgth. _____
End Distance _____ Unless Noted

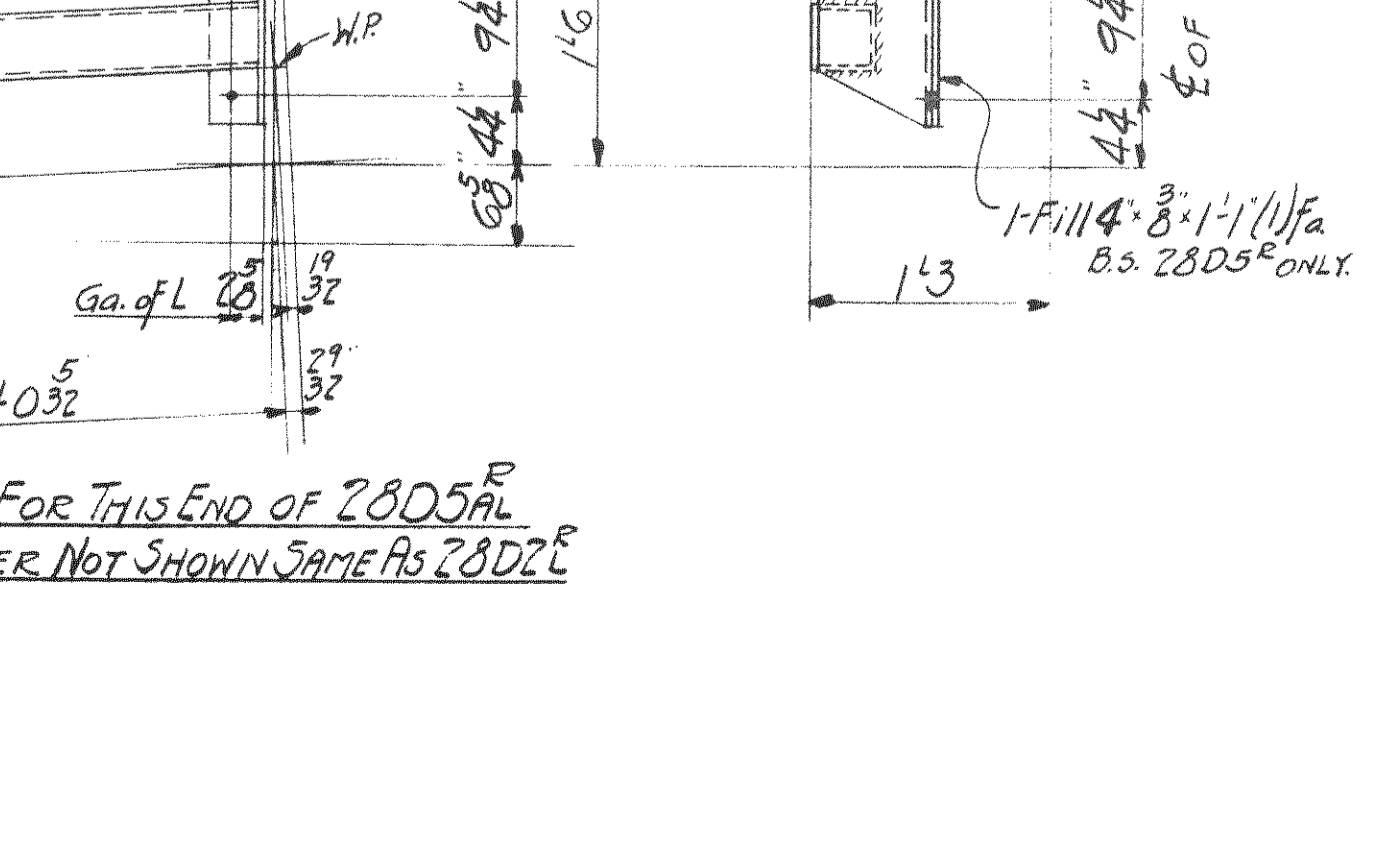
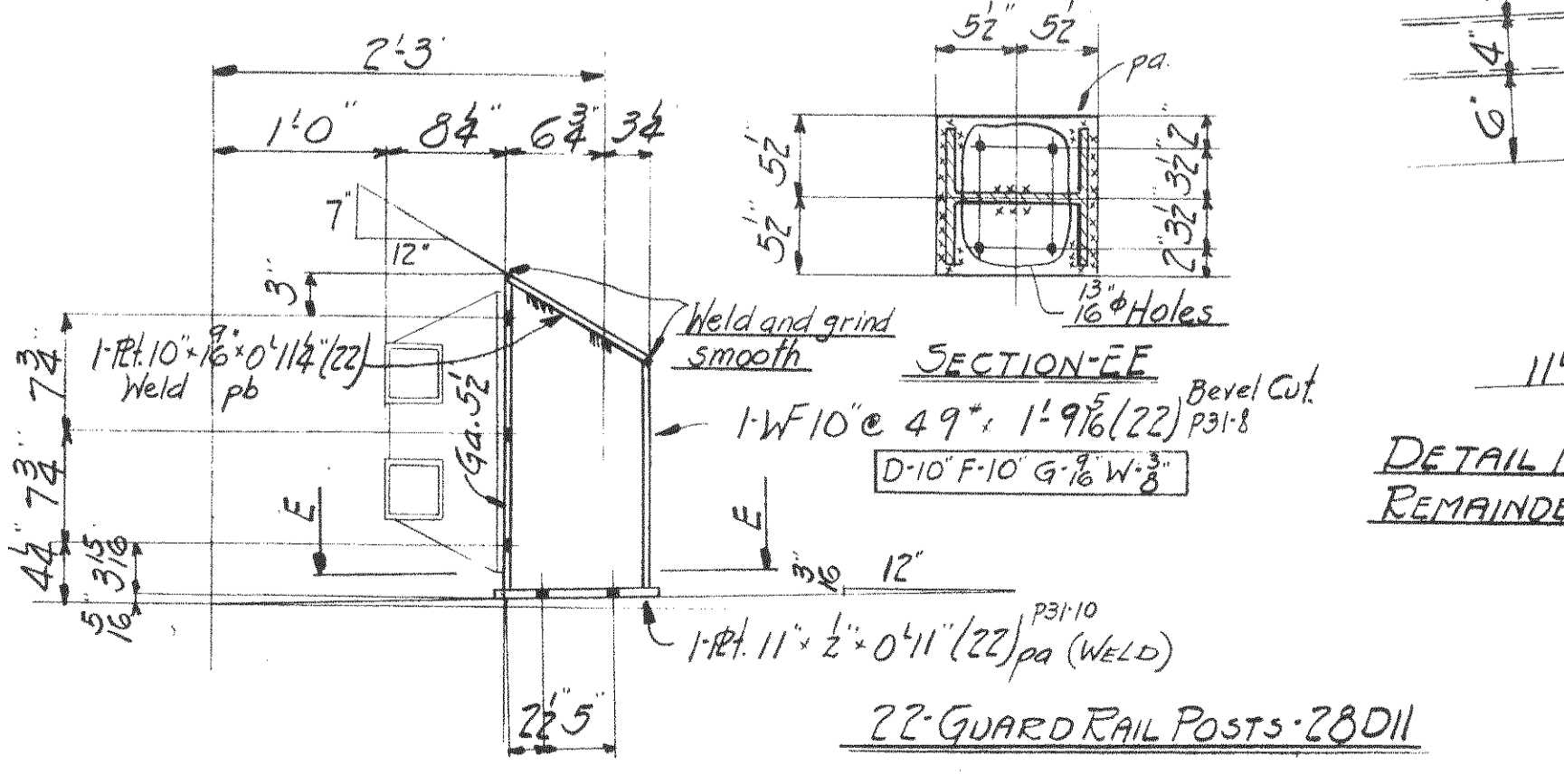
Date									
Revised									

FIELD PAINT
MADE BY W.M.S. DATE Nov. 5, 29 RIVETS
TRACED BY _____ DATE _____ OPEN HOLES
CHECKED BY M.S. DATE 1/18/29 UNLESS NOTED
SCALE SECTION SHEET No. 27A
CONT. No. 6300



SUMMARY OF PARTS

SECT	TOTAL	DESCRIPTION	MARK	DILL	REV
2	2	GUARD RAILS	28D1E	M28a	
8	8	"	28D2E	"	
8	8	"	28D3E	"	
2	2	"	28D4E	"	
1	1	"	28D5E	"	
1	1	"	28D5A	"	
2	2	"	28D6E	M28b	
8	8	"	28D7E	"	
8	8	"	28D8E	"	
2	2	"	28D9E	"	
1	1	"	28D10E	"	
1	1	"	28D10A	"	
22	22	GUARD RAIL POSTS	28D11	M28a	



NOTES:
No Paint on contact surfaces Shop or Field.
Surfaces inaccessible after assembly or erection shall be given two coats of shop paint.
Paint Mark for Section C to be red.
All Material to be Copper Bearing Carbon Steel.
All Guard Rail Tubes to be Bonded.

Max. Shipping Lgh. 13'0"

End Distance 12'4" Unless Noted

Date	
Revised	

P.W.A. DOCKET No. OH-1756-F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

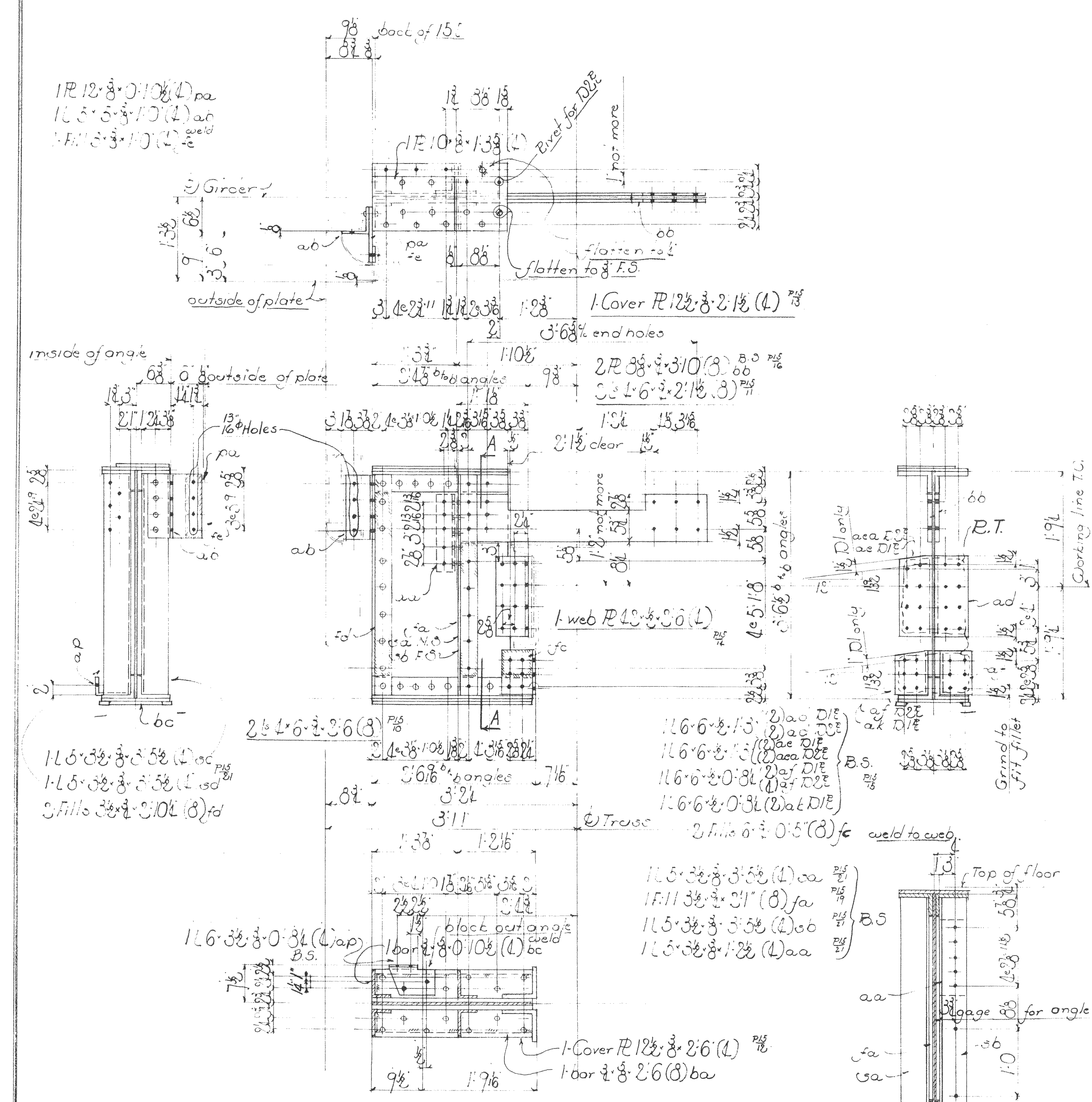
FOR: CITY OF CLEVELAND
LOCATION: CLEVELAND, OHIO
DESCRIPTION: COLUMBUS ROAD BRIDGE
DETAILS OF: GUARD RAILS TRUSS SPAN
SPECIFICATIONS: OHIO STATE REAMING NONE
INSPECTED BY: J.H. HERRON ERRECTED BY: W.B.F. Co.
SHOP PAINT: 1 COAT LEAD CHROMATE (Per Spec)
FIELD PAINT: 3 COATS AS PER SPEC

MADE BY: J.P.C. DATE: 1916/09 RIVETS: 7/8"
TRACED BY: J.P.C. DATE: 1916/09 OPEN HOLES: 1/16"
CHECKED BY: J.P.C. DATE: 1916/09 UNLESS NOTED

SCALE: SECTION C

SHEET No. 28

CONT. No. 6200



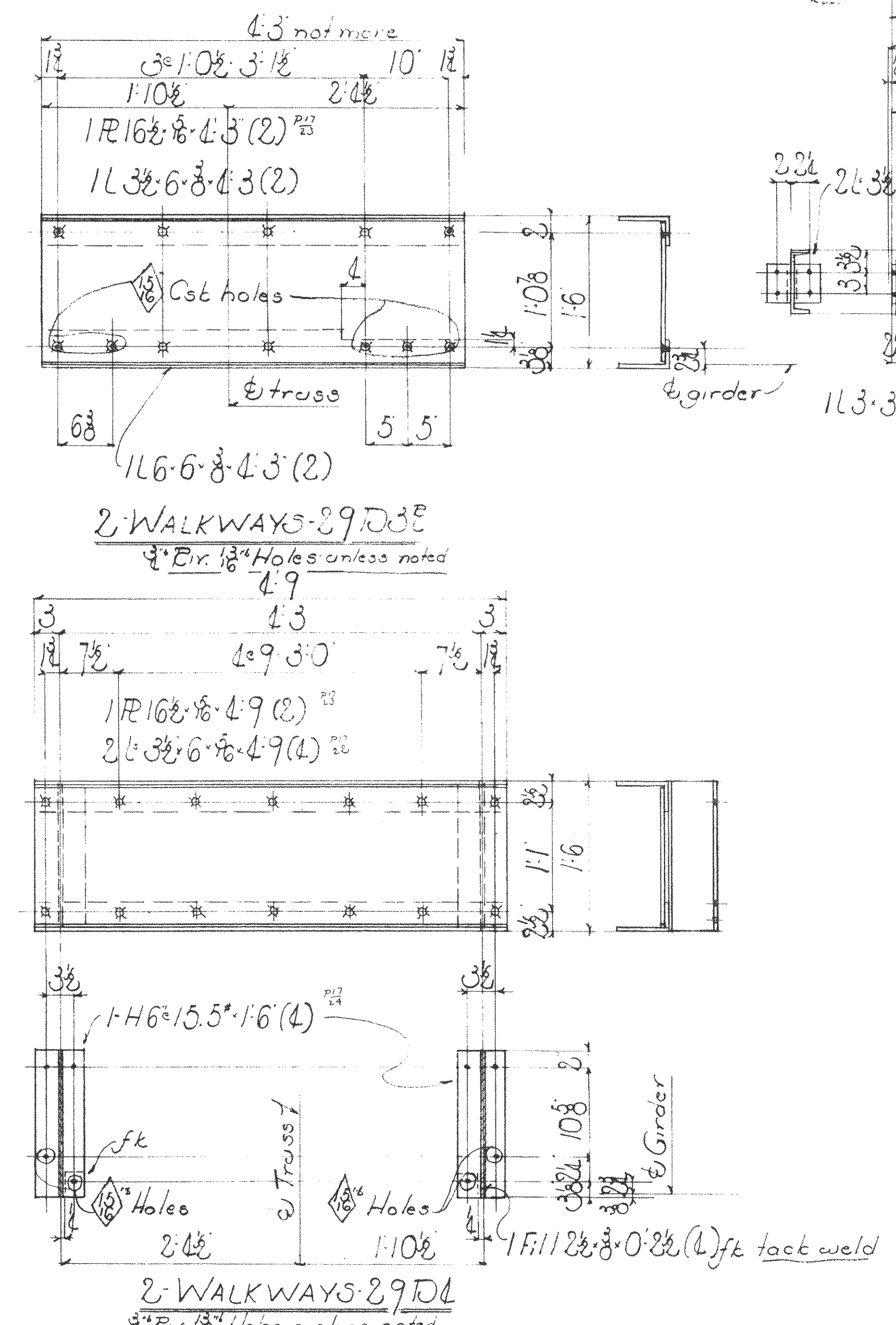
1R 12x8x0.10 (4) pa
 1R 10x8x1.3 (4) ah
 1R 12x8x0.10 (4) weld

1 Cover PL 12x8x2.1 (4) ps
 2R 3x3x3/10 (8) oo ps
 3 L 6x6x2.1 (3) ps

1 web PL 4x3x3/8 (L)
 2 L 4x6x3/8 (3) ps
 2 L 4x6x3/8 (3) ps
 3 Fills 6x6x3/10 (8) fd

1 R 12x8x0.10 (4) pa
 1 R 11x3x3/16 (8) fa
 1 R 10x8x1.3 (4) ab
 1 R 12x8x0.10 (4) aa

2 GIRDERS 29DIE
 2 29DIE

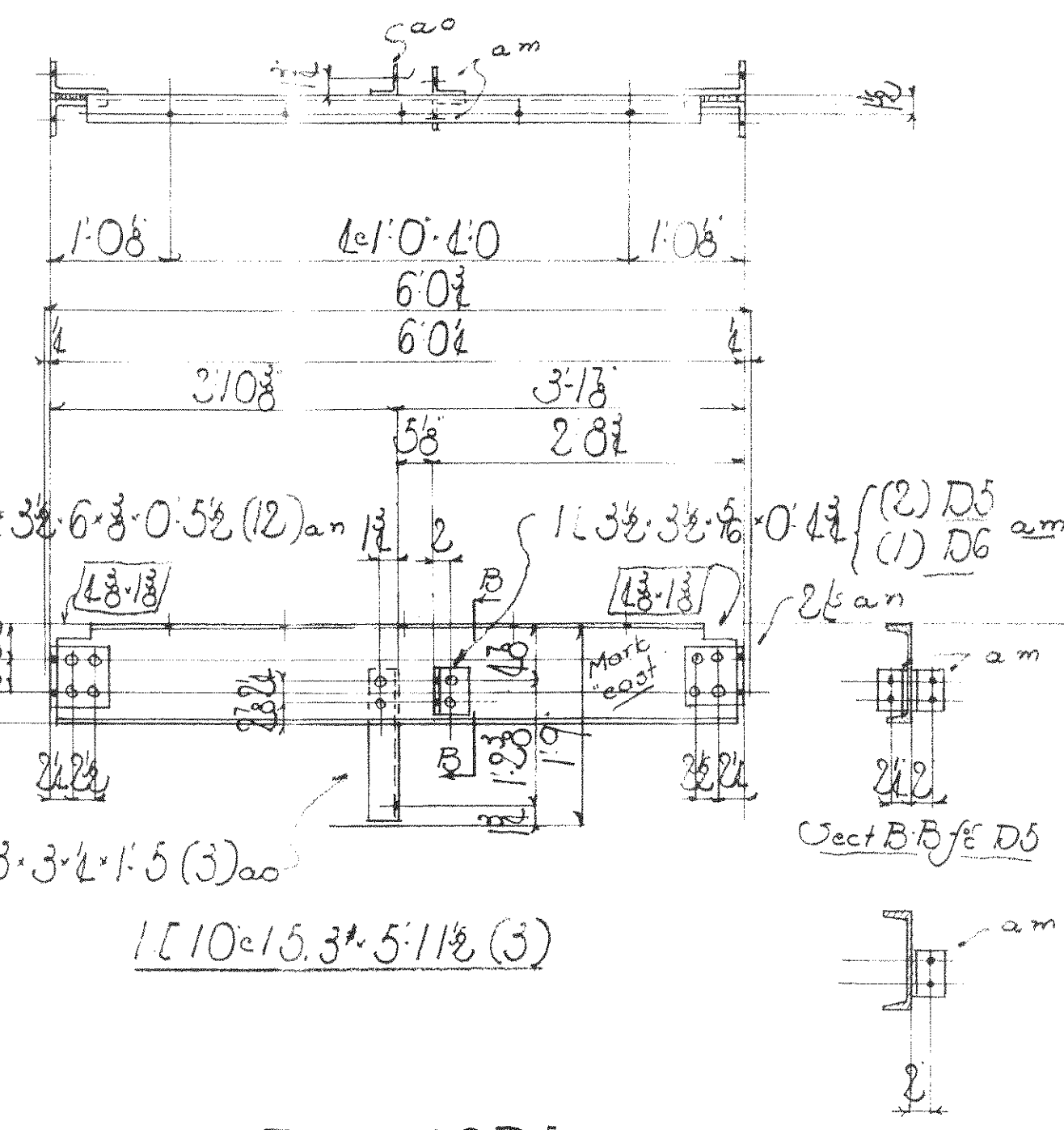


1R 16x8x4.3 (2) ps
 1L 3x6x4.3 (2)

2 WALKWAYS 29D3E
 4" Riv. 1/2" Holes unless noted

1R 16x8x4.9 (2) ps
 2 L 3x6x4.9 (4) ps

2 WALKWAYS 29D4
 4" Riv. 1/2" Holes unless noted



1-0 5/8 6'-0" 3'-1 3/8
 6'-0" 6'-0" 2'-8"

1 FLOOR BEAM 29D5
 1 " " " 29D6
 1 " " " 29D7

Summary of parts

Quantity	Description	Mark or Bill No.
2	Girders	29DIE 9L
2	"	29DIE 9E
2	Walkways	29D4 9B 9L
2	"	29D4 9B 9B
1	Floor Beams	29D5 10
1	"	29D6 10
1	"	29D7 10

Note:
 NO PAINT contact surfaces shop or field.
 All material copper bearing carbon steel.
 Paint marks for Sect C red.
 Re-entrant cuts to be filleted.
 Cops and cuts may be flame cut and ground smooth.

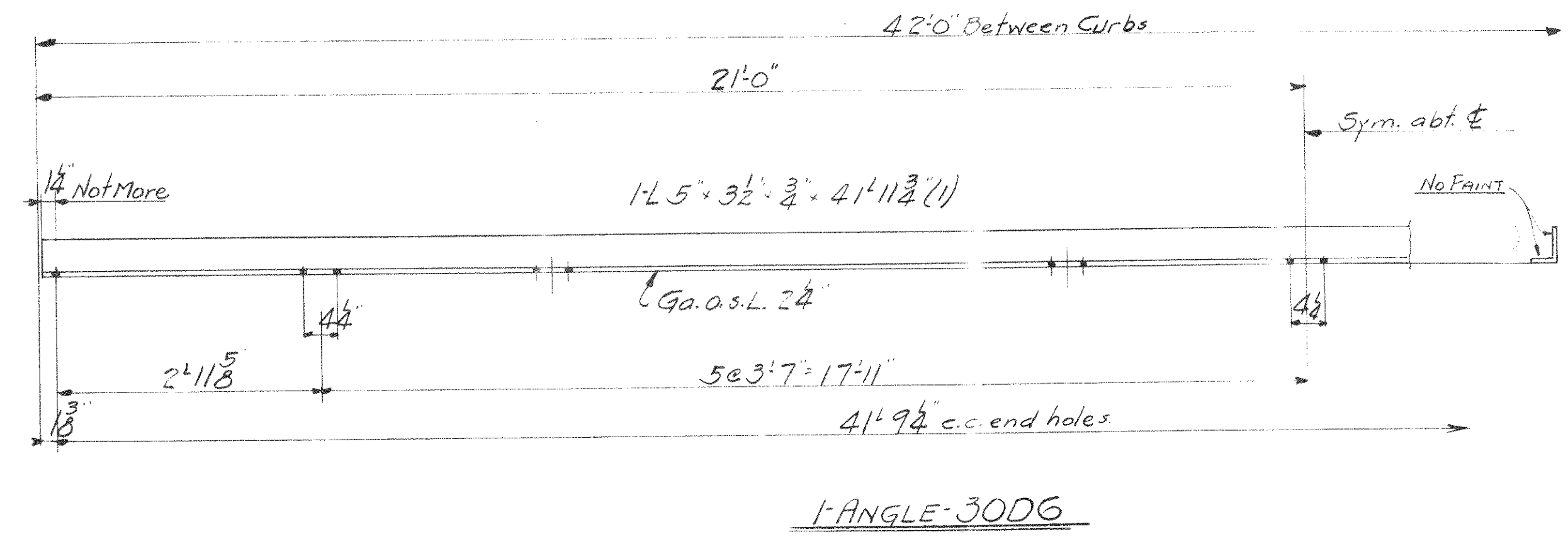
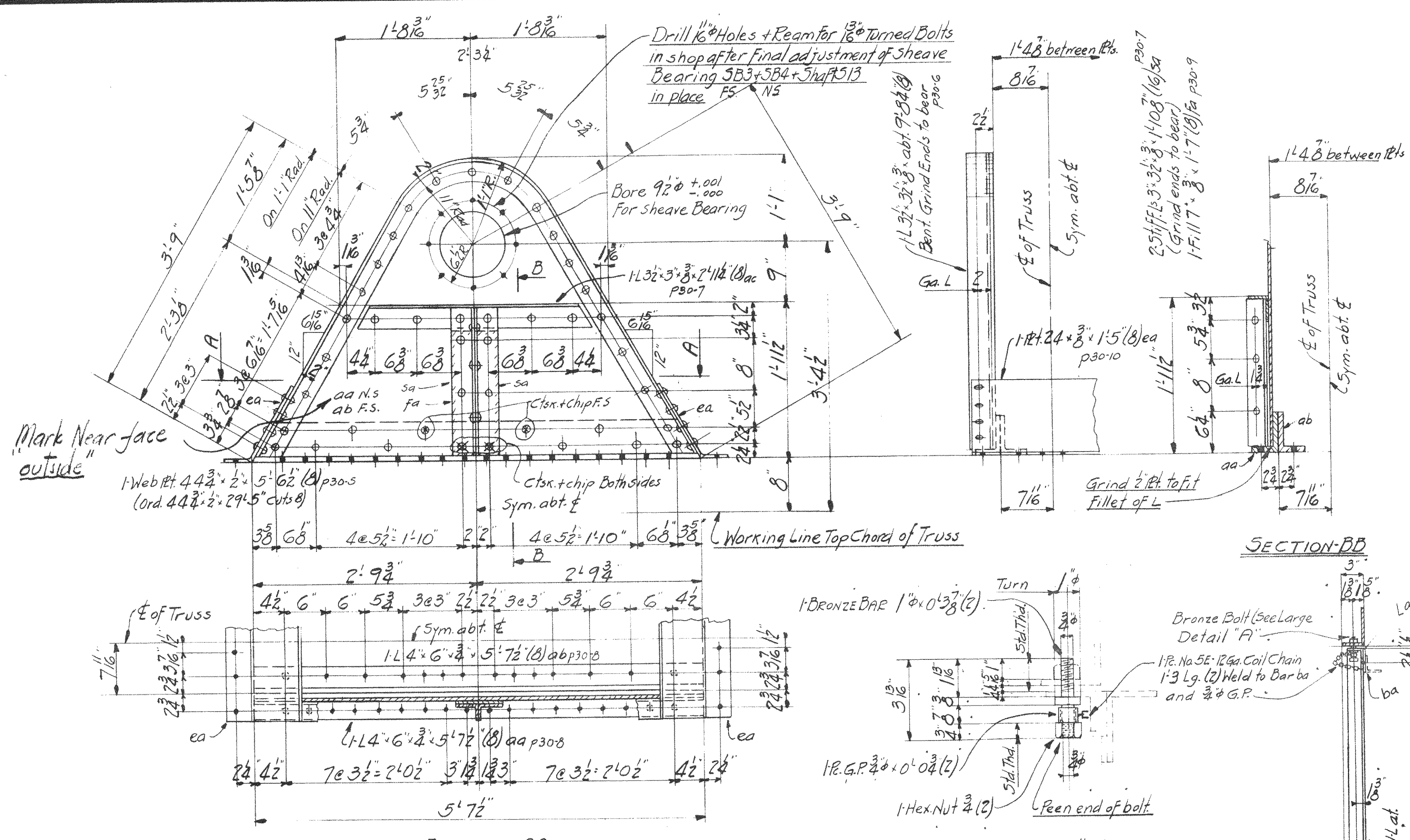
P.W.A. Docket N8OH 1756F

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

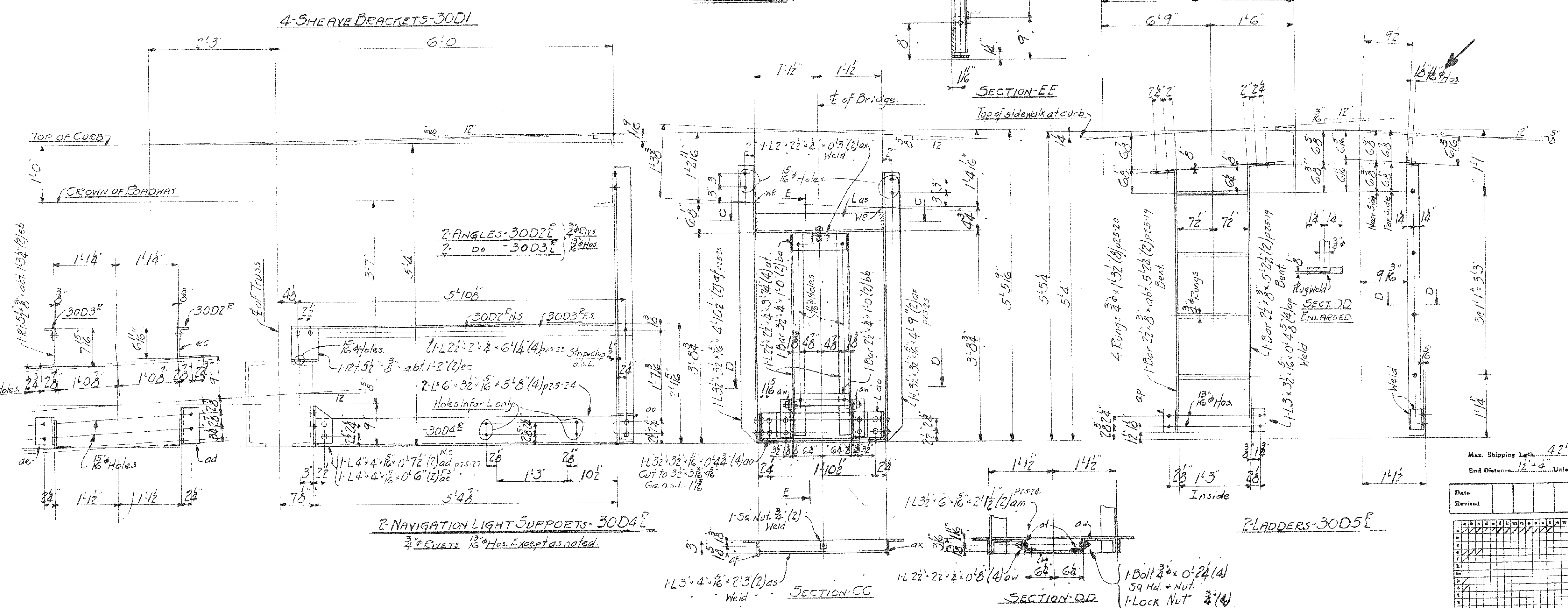
FOR CITY of CLEVELAND
 LOCATION: Cleveland, Ohio
 DESCRIPTION: Columbus Road Bridge
 DETAILS OF: Girders, main house
 SPECIFICATIONS: Ohio State Reaming
 INSPECTED BY: J. H. ... ERRECTED BY: W. B. G.
 SHOP PAINT: 1st Lead Chromate
 FIELD PAINT: Red Oxide
 MADE BY: W.B.I. DATE: 11/17/19
 RIVETS: 8
 TRACED BY: M.G. DATE: 11/18/19
 OPEN HOLES: 76
 CHECKED BY: M.G. DATE: 11/19/19
 UNLESS NOTED

SCALE SECTION SHEET No. 29
 CONT. No. 6300

Date	
Revised	



SUMMARY OF PARTS				
QTY	TOTAL	DESCRIPTION	MARK	BILL QTY
4	4	SHEAVE BRACKETS	3001	M300 416
2	2	ANGLE	3002E	" 4
2	2	"	3003E	" 4
2	2	NAVIGATION LIGHT SUPPORTS	3004E	M300 38
2	2	LADDERS	3005E	" -
1	1	ANGLE	3006	" -



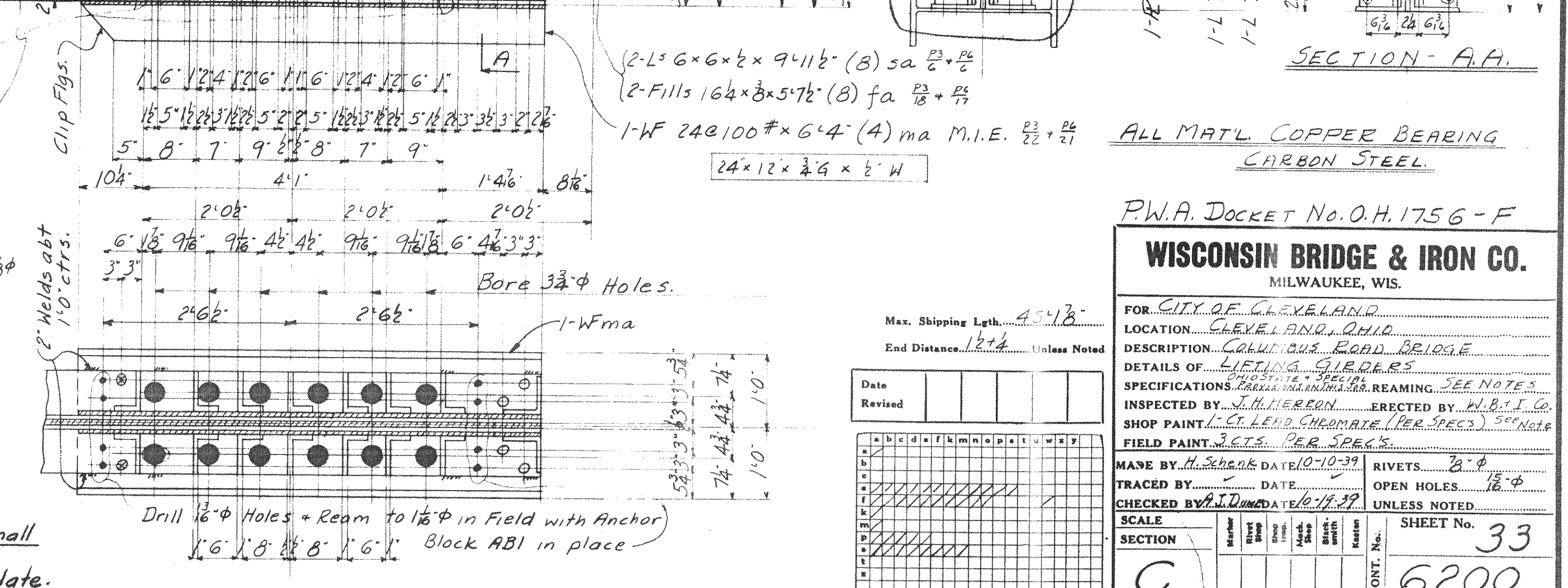
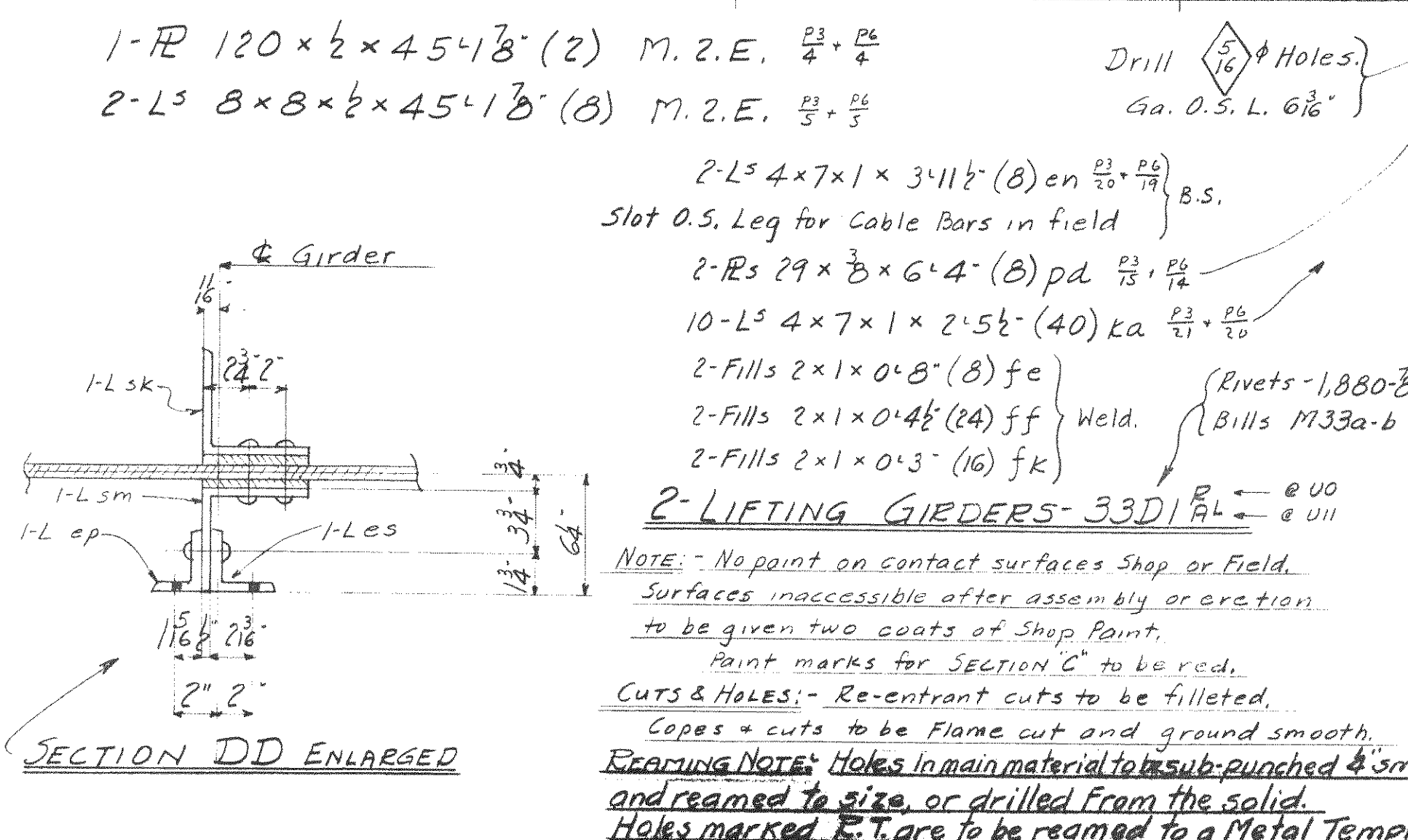
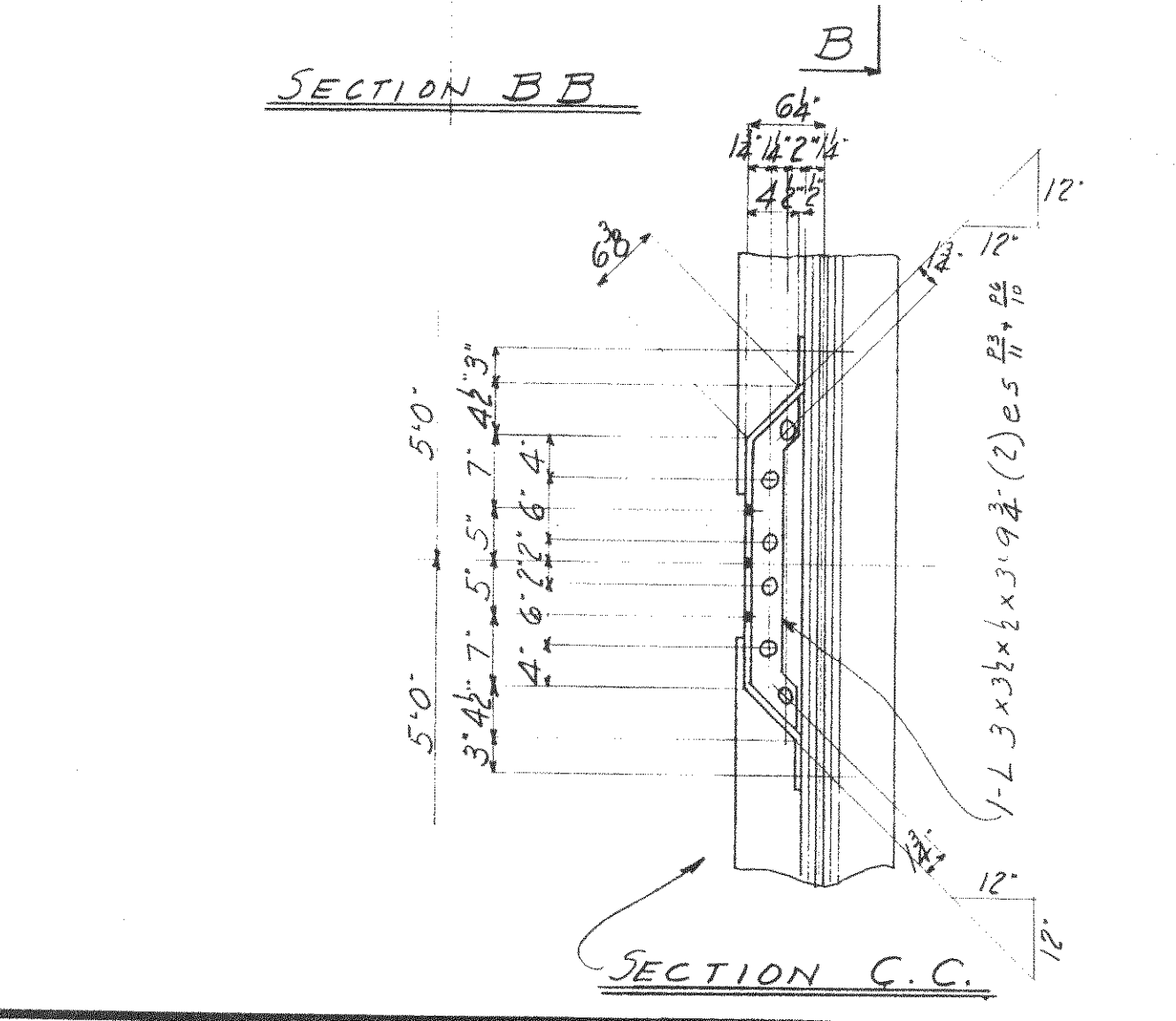
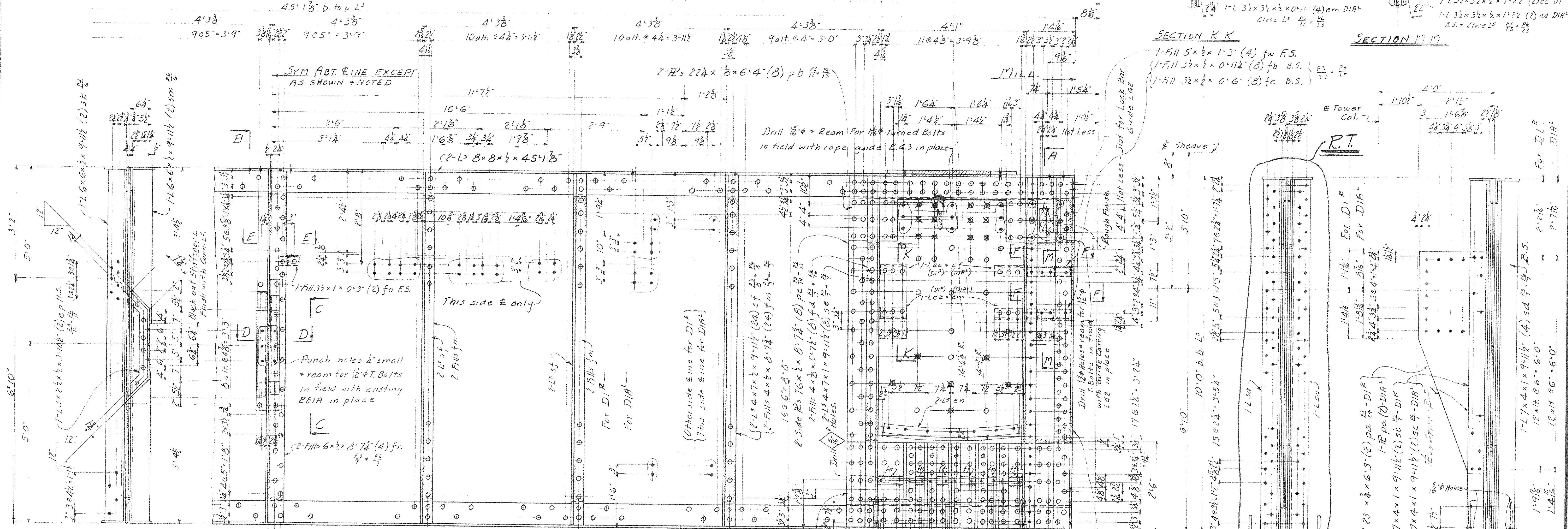
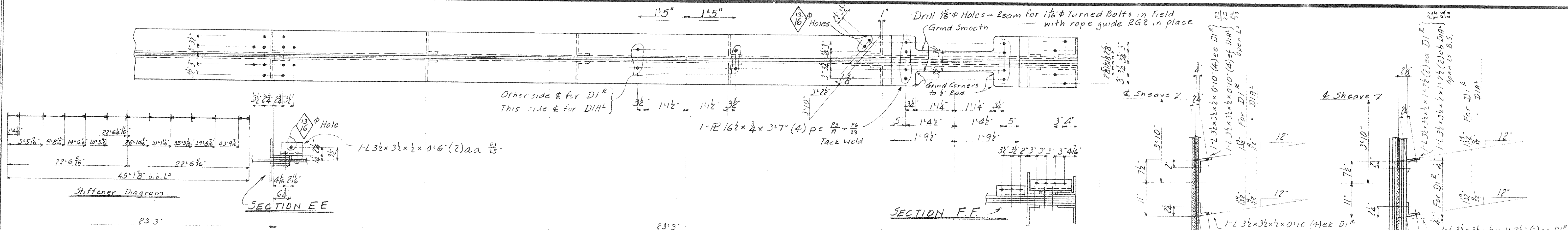
SHOP NOTES:
 No Paint on contact surfaces Shop or field. Surfaces inaccessible after assembly or erection, shall be given two coats of Shop Paint. Paint Marks for Section C to be red. All material to be Copper Bearing Carbon Steel.

PWA DOCKET No. OH-1756-F

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR CITY OF CLEVELAND
 LOCATION CLEVELAND, OHIO
 DESCRIPTION COLUMBUS ROAD BRIDGE
 DETAILS OF SHEAVE BRACKETS, NAVIGATION LIGHT SUPPORT SPECIFICATIONS OHIO STATE REAMING NONE
 INSPECTED BY J.H. HEERON ERRECTED BY W.B. & I. CO.
 SHOP PAINT 1 Coat Lead Chromate (Per Specs)
 FIELD PAINT 2 Coats As Per Specs

MADE BY TPC DATE 10/19/39 RIVETS 7/8"
 TRACED BY DATE 10/19/39 OPEN HOLES 1 3/16"
 CHECKED BY J.F.S. DATE 10/19/39 UNLESS NOTED
 SCALE SHEET No. 30
 SECTION C CONT. No. 6200



- 1-R 120 x 2 x 45'-7 1/8" (2) M. 2.E.
- 2-Ls 8 x 8 x 2 x 45'-1 7/8" (8) M. 2.E.
- 2-Ls 4 x 7 x 1 x 3'-11 1/2" (8) en B.S.
- 2-Rs 29 x 8 x 6'-4" (8) pd
- 10-Ls 4 x 7 x 1 x 2'-5 1/2" (40) ka
- 2-Fills 2 x 1 x 0'-8" (8) fe
- 2-Fills 2 x 1 x 0'-4 1/2" (24) ff
- 2-Fills 2 x 1 x 0'-3" (16) fk

NOTE: No point on contact surfaces Shop or Field. Surfaces inaccessible after assembly or erection to be given two coats of Shop Paint. Paint marks for SECTION C to be red. CUTS & HOLES: Re-entrant cuts to be filled. Copings & cuts to be flame cut and ground smooth. **WORKING NOTE:** Holes in main material to be sub-punched & small and reamed to size or drilled from the solid. Holes marked R.T. are to be reamed to a Metal Template.

ALL MATL COPPER BEARING CARBON STEEL

P.W.A. DOCKET No. O.H. 1756-F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR CITY OF CHEVELAND
LOCATION CHEVELAND, OHIO
DESCRIPTION COLU BUS ROAD BRIDGE

DETAILS OF LIFTING GIRDERS
SPECIFICATIONS: See main contract for REAMING SEE NOTES
INSPECTED BY: J.H. HERBON. ERECTED BY: W.B. I. Co.
SHOP PAINT: 1-Ct. Lead Chromate (Per Specs) 2-Shop
FIELD PAINT: 3-Cts. Per Specs

MADE BY: H. Schenk DATE: 10-10-39
TRACED BY: DATE: 10-10-39
CHECKED BY: J. D. D. DATE: 10-10-39

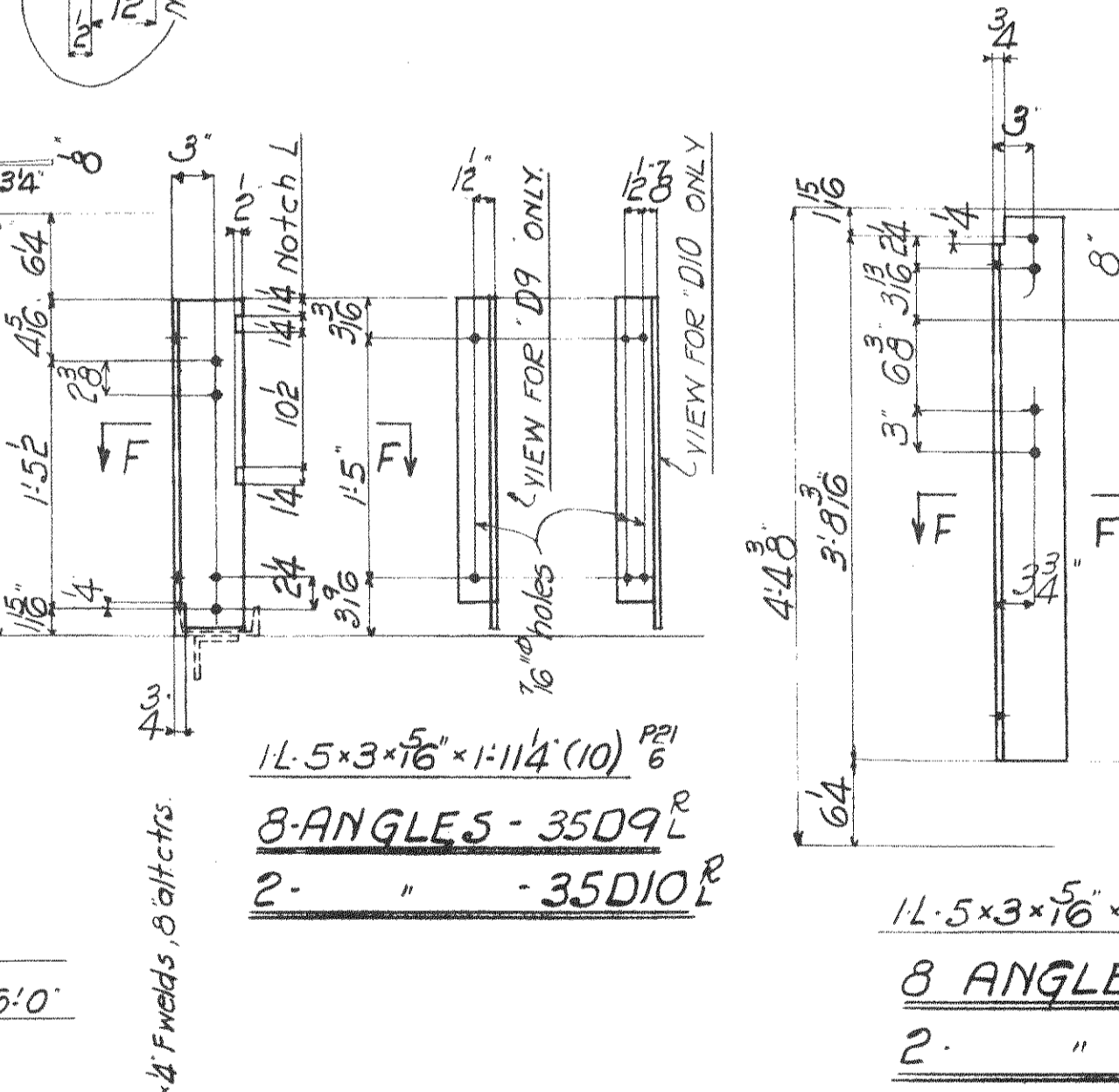
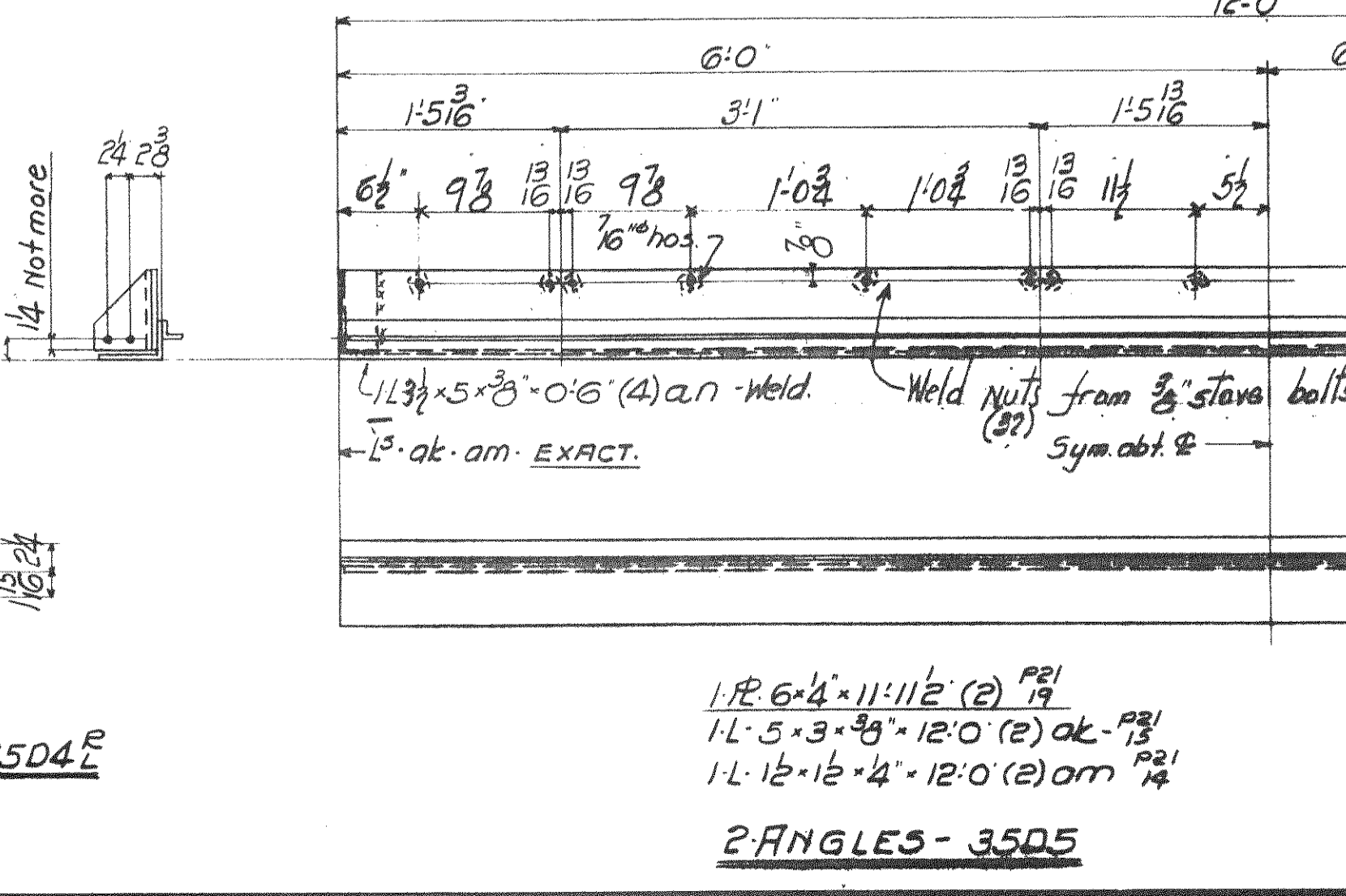
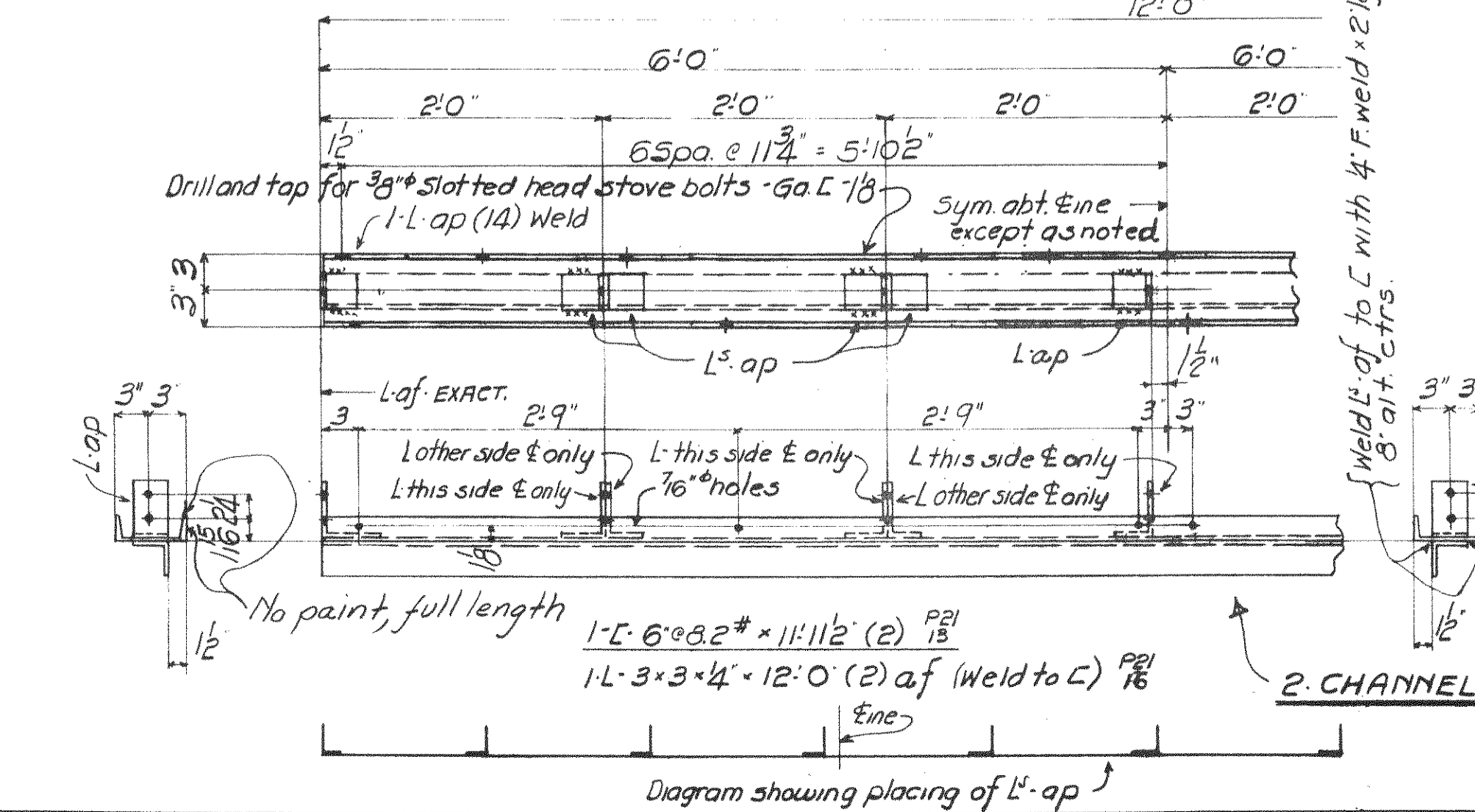
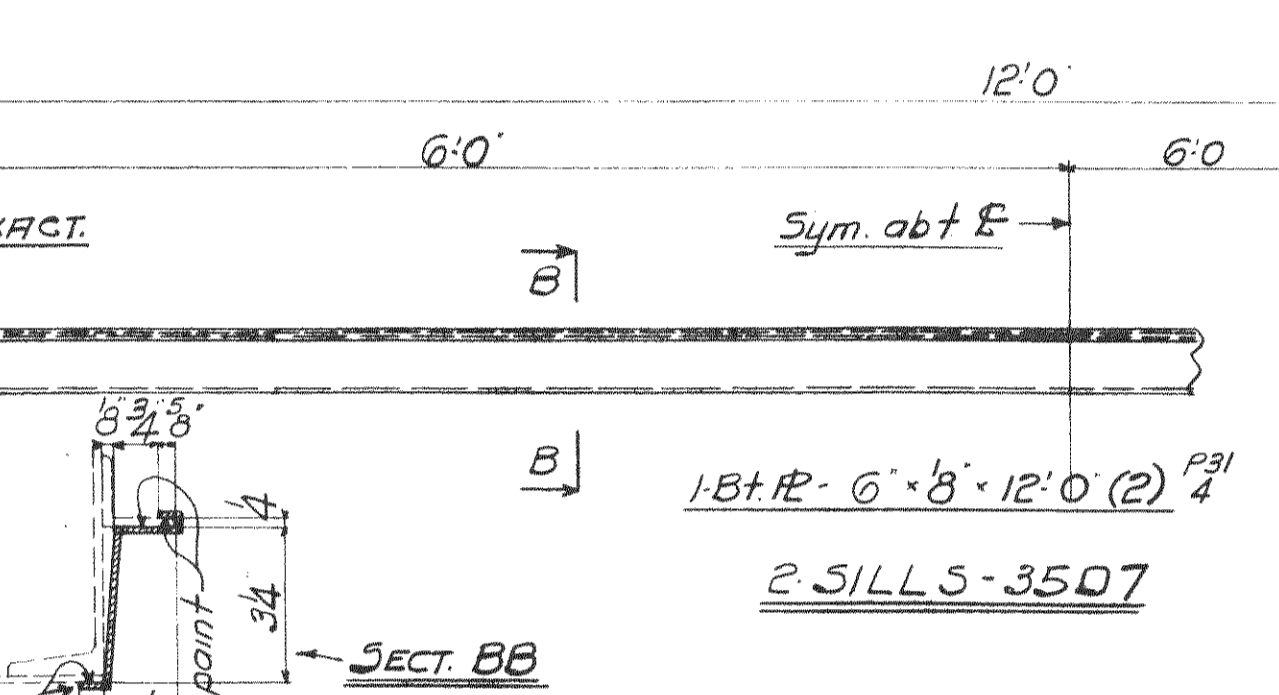
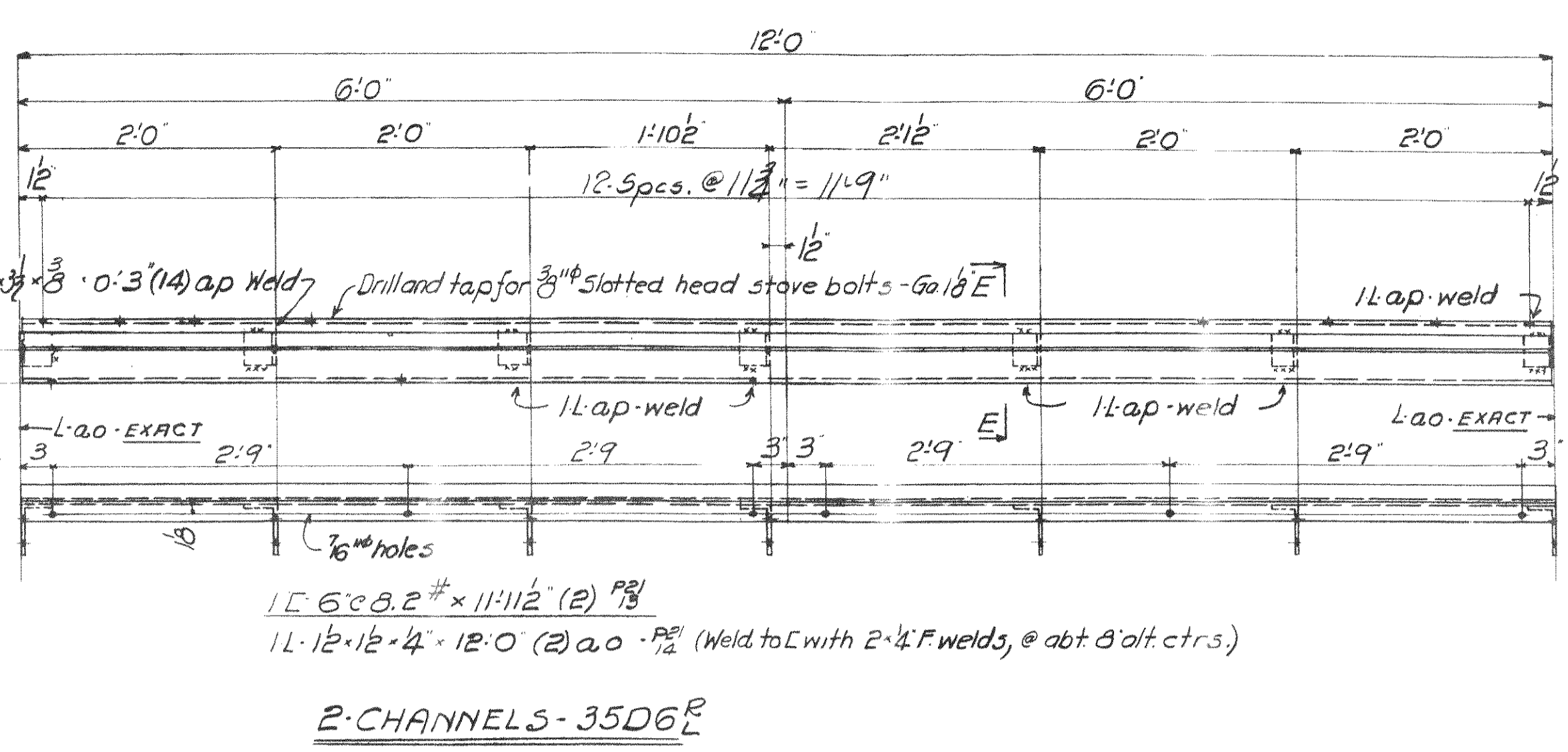
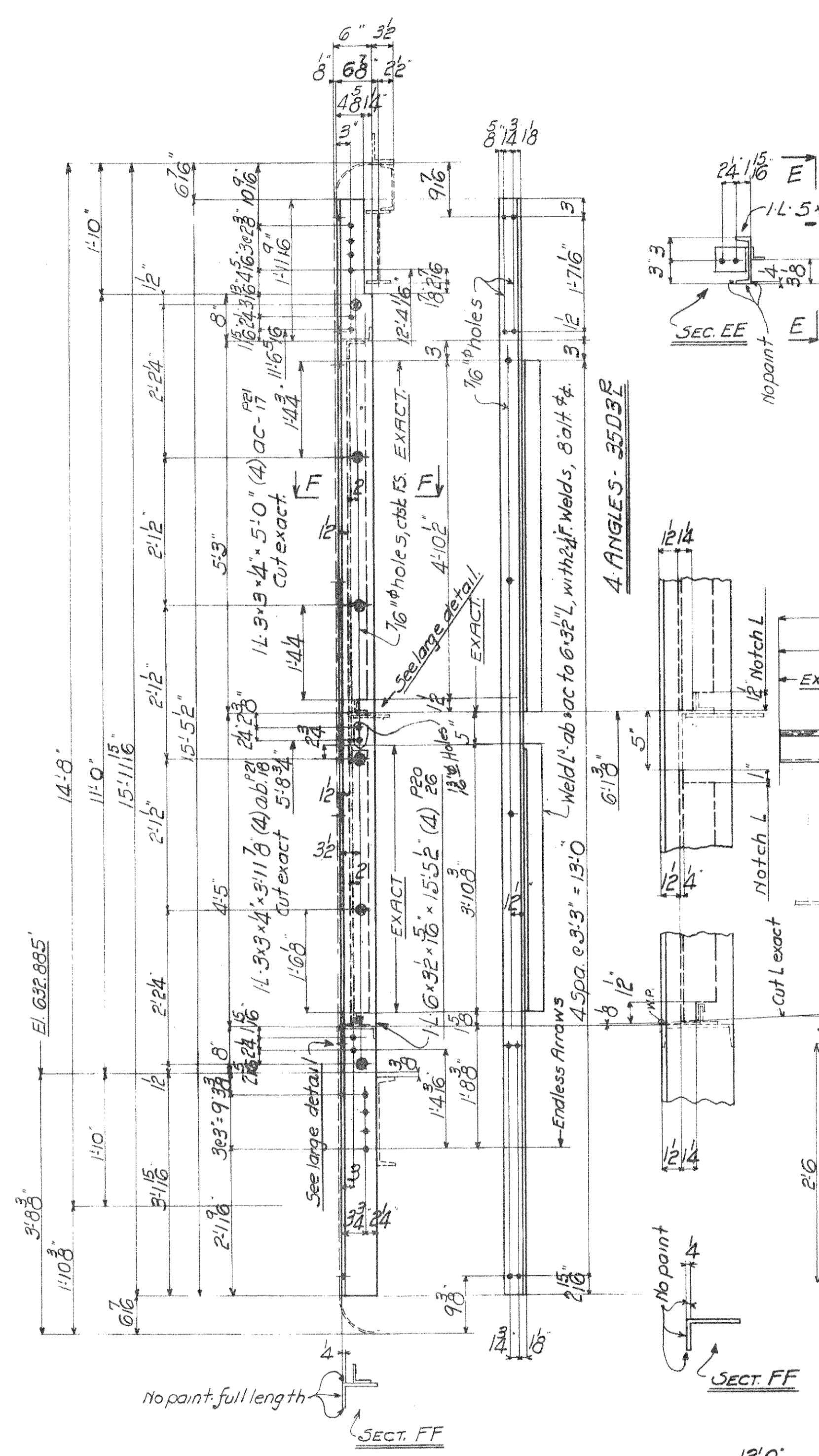
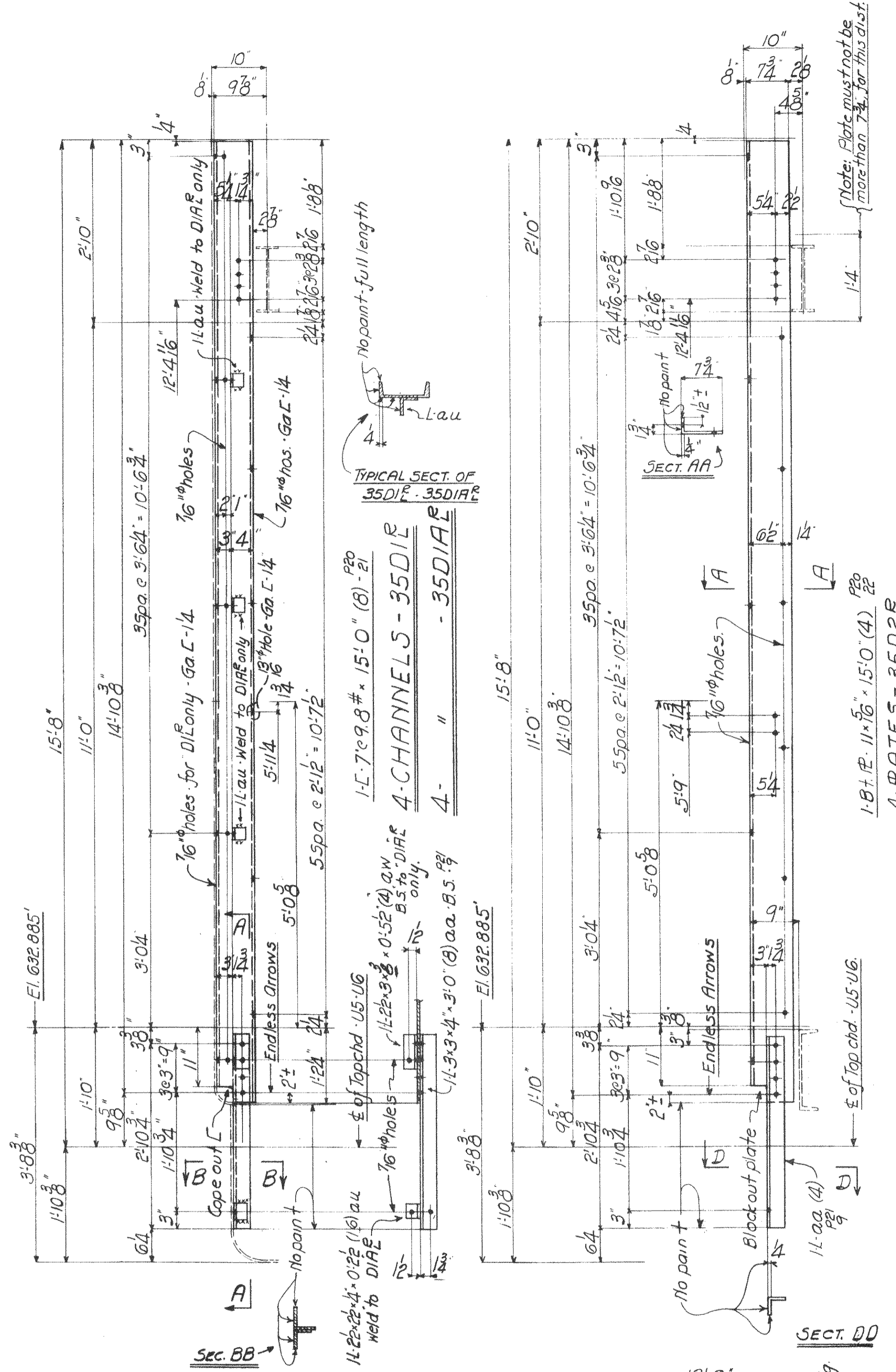
MAX. SHIPPING LGTH. 45'-7 1/8"
END DISTANCE: 12'-4" (Unless Noted)

Date	Revised	1	2	3	4	5	6	7	8	9	10	11	12
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MADE BY: H. Schenk DATE: 10-10-39
TRACED BY: DATE: 10-10-39
CHECKED BY: J. D. D. DATE: 10-10-39

SCALE SECTION

SHEET No. 33
CONT. No. 6200



SUMMARY OF PARTS			
No	DESC	MARK	BILL EN.
4	CHANNELS	35D1E	M85c
4	"	35D1A	"
4	PLATES	35D2E	"
4	ANGLES	35D3E	"
2	CHANNELS	35D4E	M85c
2	CHANNELS	35D5E	"
2	CHANNELS	35D6E	"
2	SILLS	35D7	M35c
8	"	35D9E	"
2	"	35D10E	"
8	"	35D11E	"
2	"	35D12E	"

PWA No. OH-1756F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

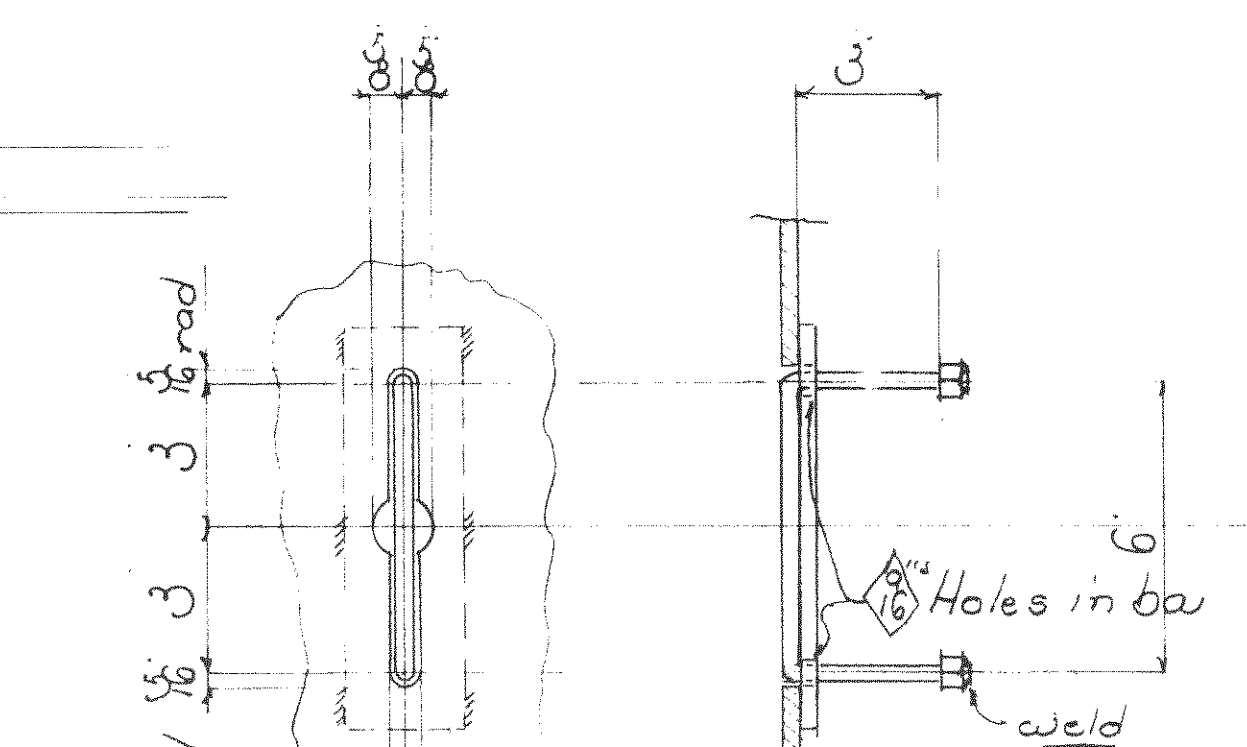
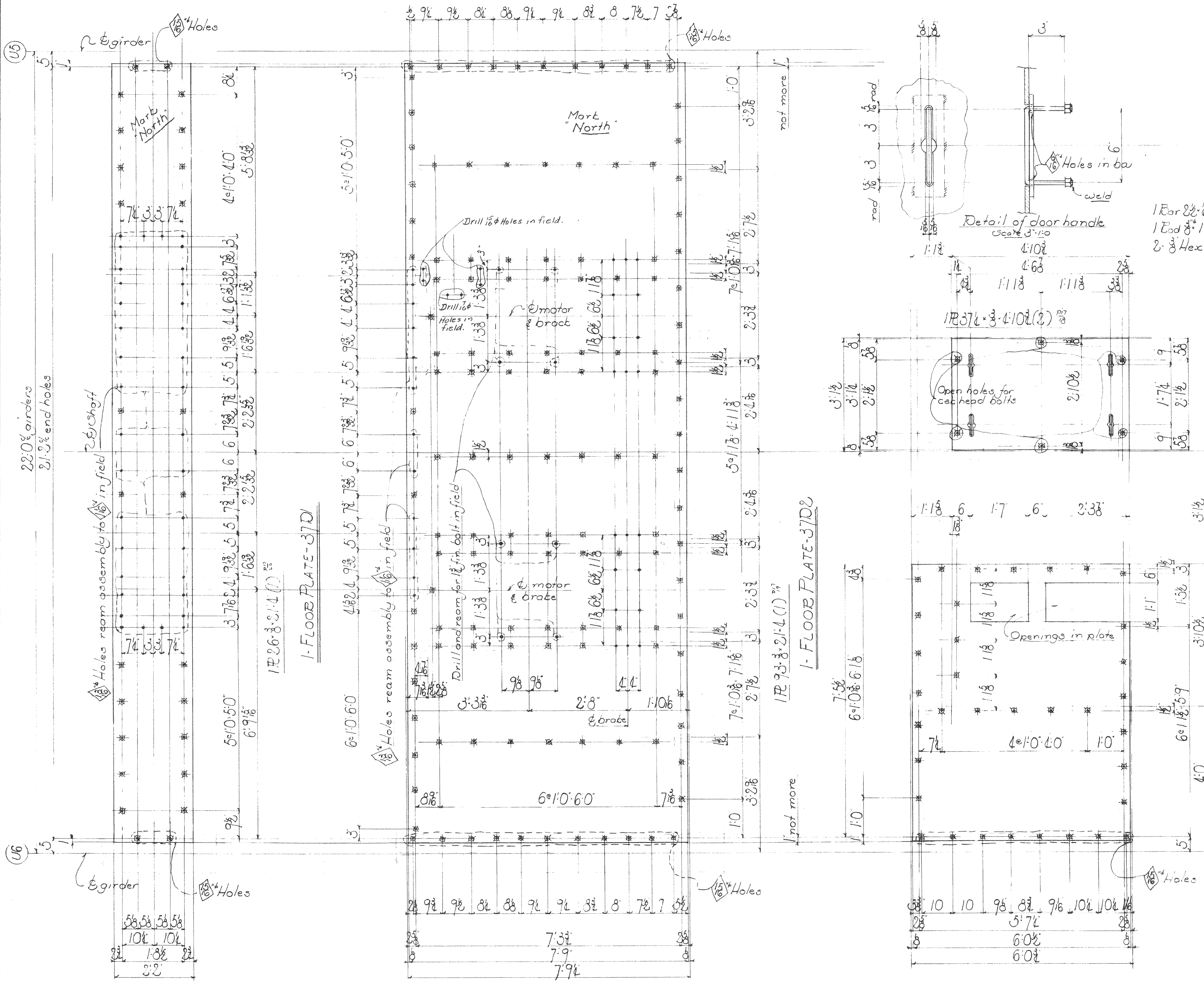
FOR CITY OF CLEVELAND
LOCATION CLEVELAND, OHIO
DESCRIPTION COLUMBUS ROAD BRIDGE
DETAILS OF MACHINERY HOUSE
SPECIFICATIONS OHIO STATE REAMING DONE
INSPECTED BY J.H. HERCO... DIRECTED BY W.B.I. Co.
SHOP PAINT L.C. LEAD CHROMATE (PER SPEC'S)
FIELD PAINT 35C (PER SPEC'S)

MADE BY *Herbst* DATE 10/16/39 RIVETS 34
TRACED BY *M.G.O.* DATE 11/22/39 OPEN HOLES 196
CHECKED BY *M.G.O.* DATE 11/22/39 UNLESS NOTED

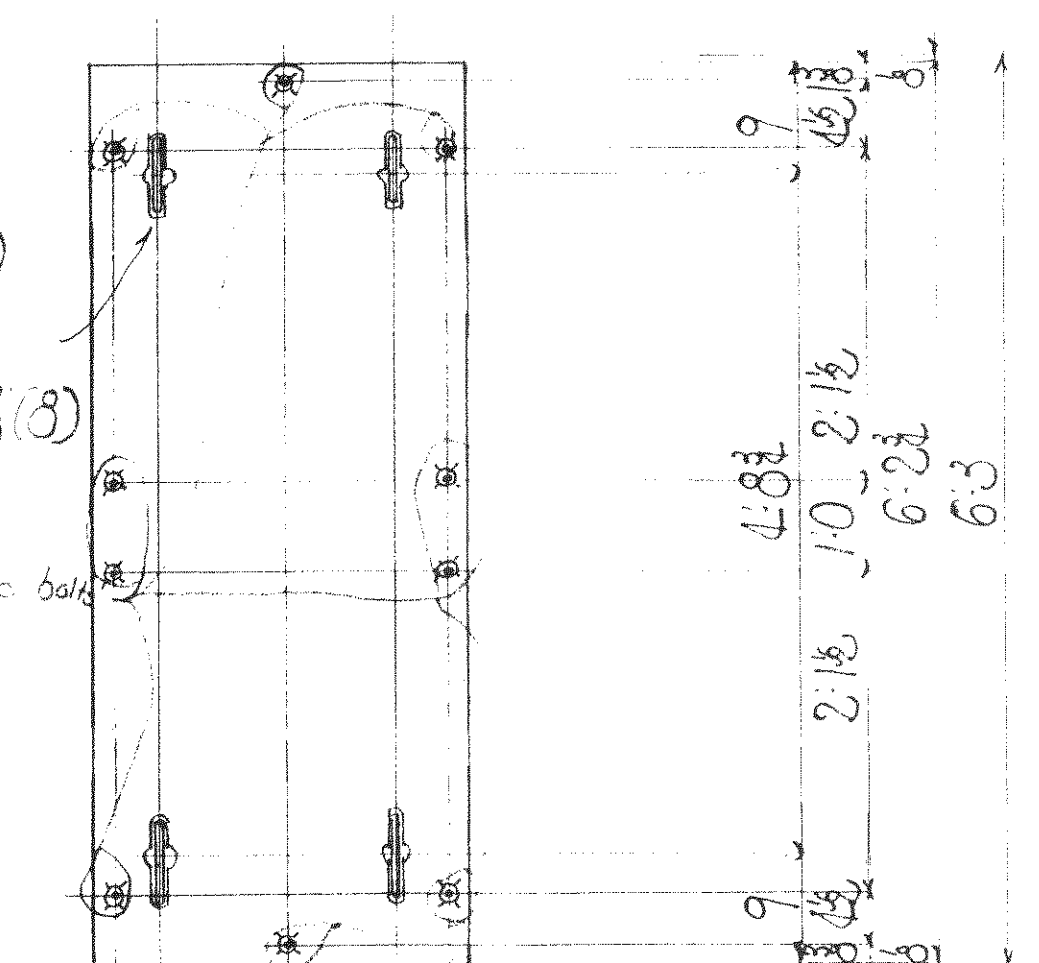
SCALE SECTION SHEET No. 35
CONT. No. 6200

NOTES:-
No paint on contact surfaces, shop or field.
Paint marks for Sec. C to be red.
Be on truss cuts to be flame cut, and ground smooth.
Cops and cuts may be flame bearing
All material to be copper bearing

Date	Revised	Shipping Lgh.	End Distance
		13'-5 1/2"	14'-2 1/4"



- 1 bar ea (4)
 - 1 Rod ea (4)
 - 2 Hex Nuts (8)
- Open holes for cot head bolts
- 1 For 2 1/2 x 4 x 0 8/8 (8) ea
 - 1 Rod 3/4 x 1 1/2 (8) ea
 - 2 3/8 Hex Nuts (16)



2 FLOOR PLATES 37D4

1R 30 1/2 x 3 x 6 x 2 1/2 (1) 1/4
 1 FLOOR PLATE 37D5

Notes
 NO PAINT contact surfaces shop or field
 All material copper bearing carbon steel
 Paint mark for Sect C Bed
 Be entrant cuts to be filletted
 Coped and cuts may be flame cut and ground smooth

Summary of parts

QTY	Part No.	Description	Mark	Rev
1	1	Floor Plate	37D1	M37a
1	1	"	37D2	"
2	2	"	37D3E	"
2	2	"	37D4	a7
1	1	"	37D5	"

P.W.A. DOCKET NO. OH-1756-F

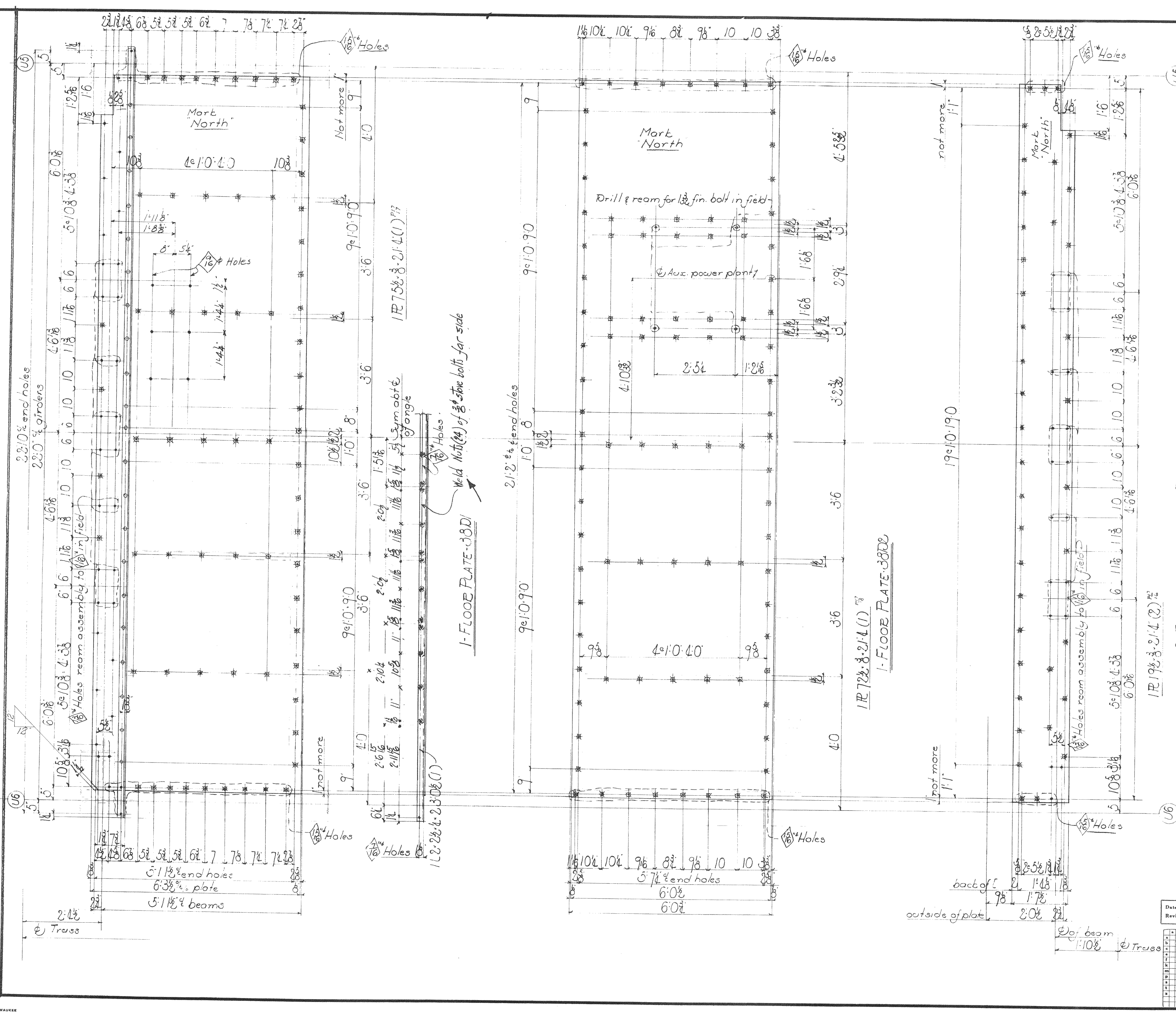
WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

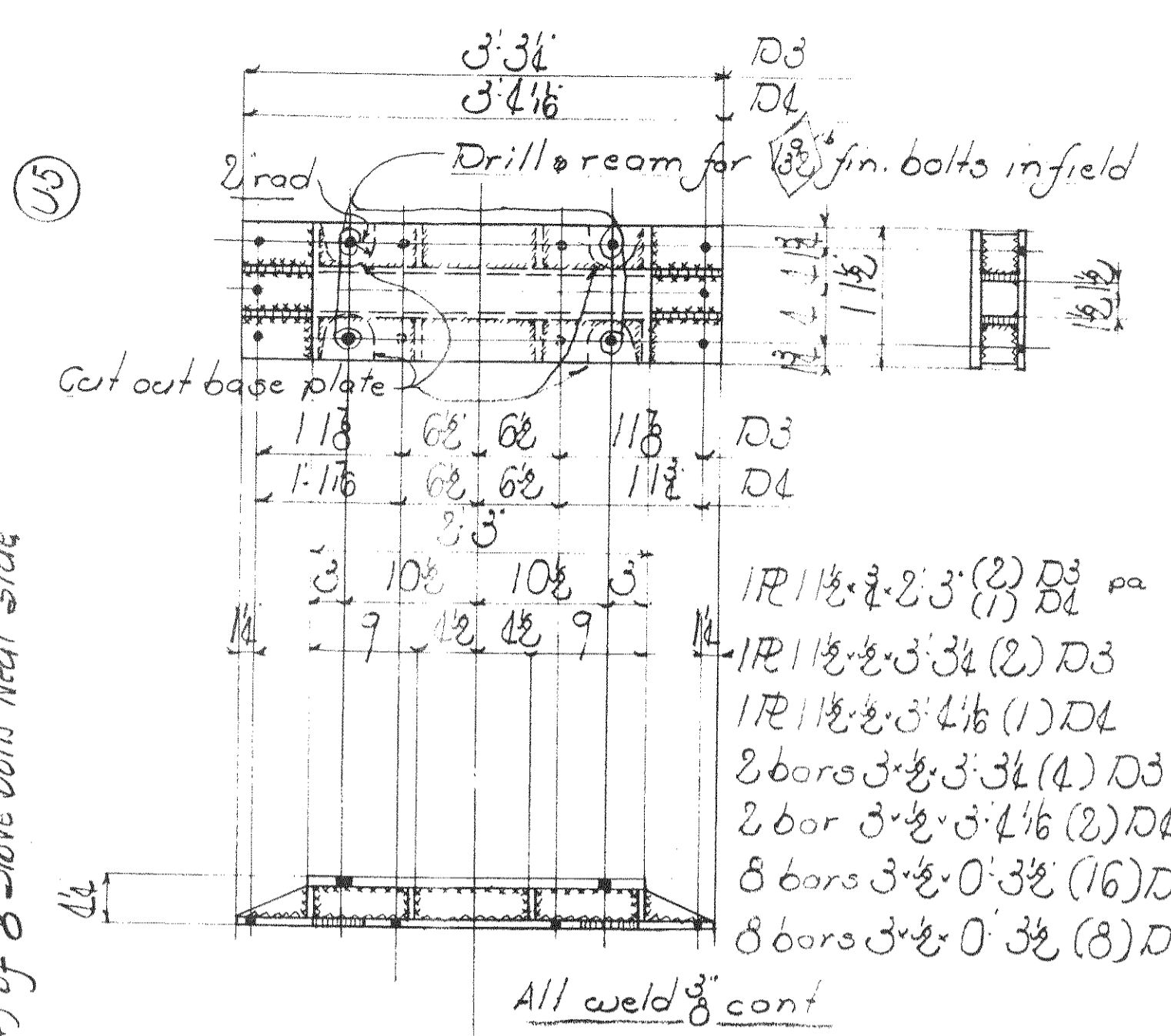
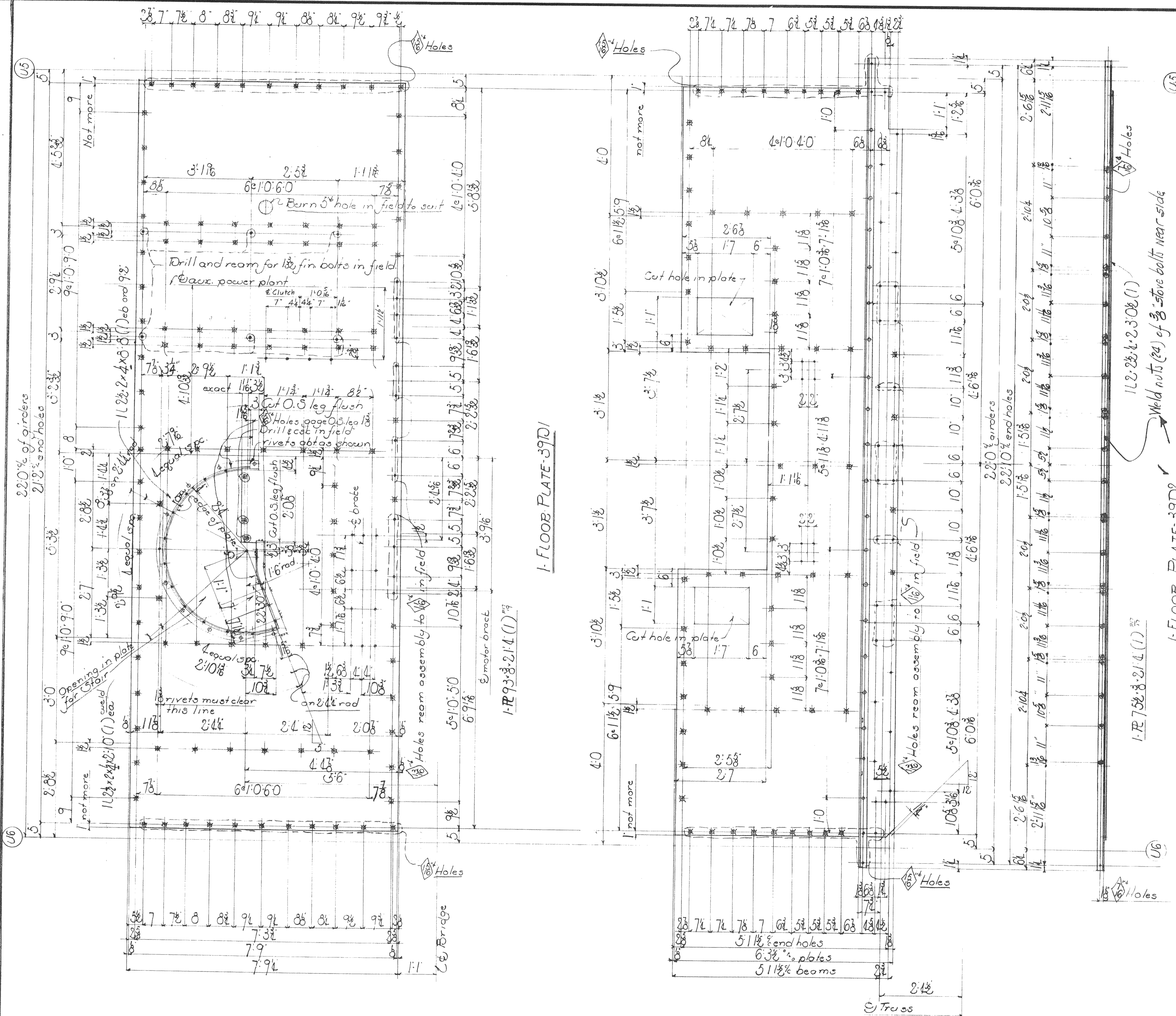
FOR CITY OF CLEVELAND
 LOCATION Cleveland, Ohio
 DESCRIPTION Columbus Road Bridge
 DETAILS OF Floor plates (mach houses)
 SPECIFICATIONS Ohio State REAMING None
 INSPECTED BY J. H. Herron ERRECTED BY W.B.I.C.
 SHOP PAINT 1st. Reg. Chromate (see spec.)
 FIELD PAINT 3rd. Reg. Chromate

MADE BY W.B.I.C. DATE 1/14/29 RIVETS 34
 TRACED BY W.B.I.C. DATE 1/14/29 OPEN HOLES 16
 CHECKED BY MGA DATE 1/16/29 UNLESS NOTED

SCALE SECTION C

SHEET No. 37
 CONT. No. 6300





2 SUPPORTS-39D3
1 Z -39D4

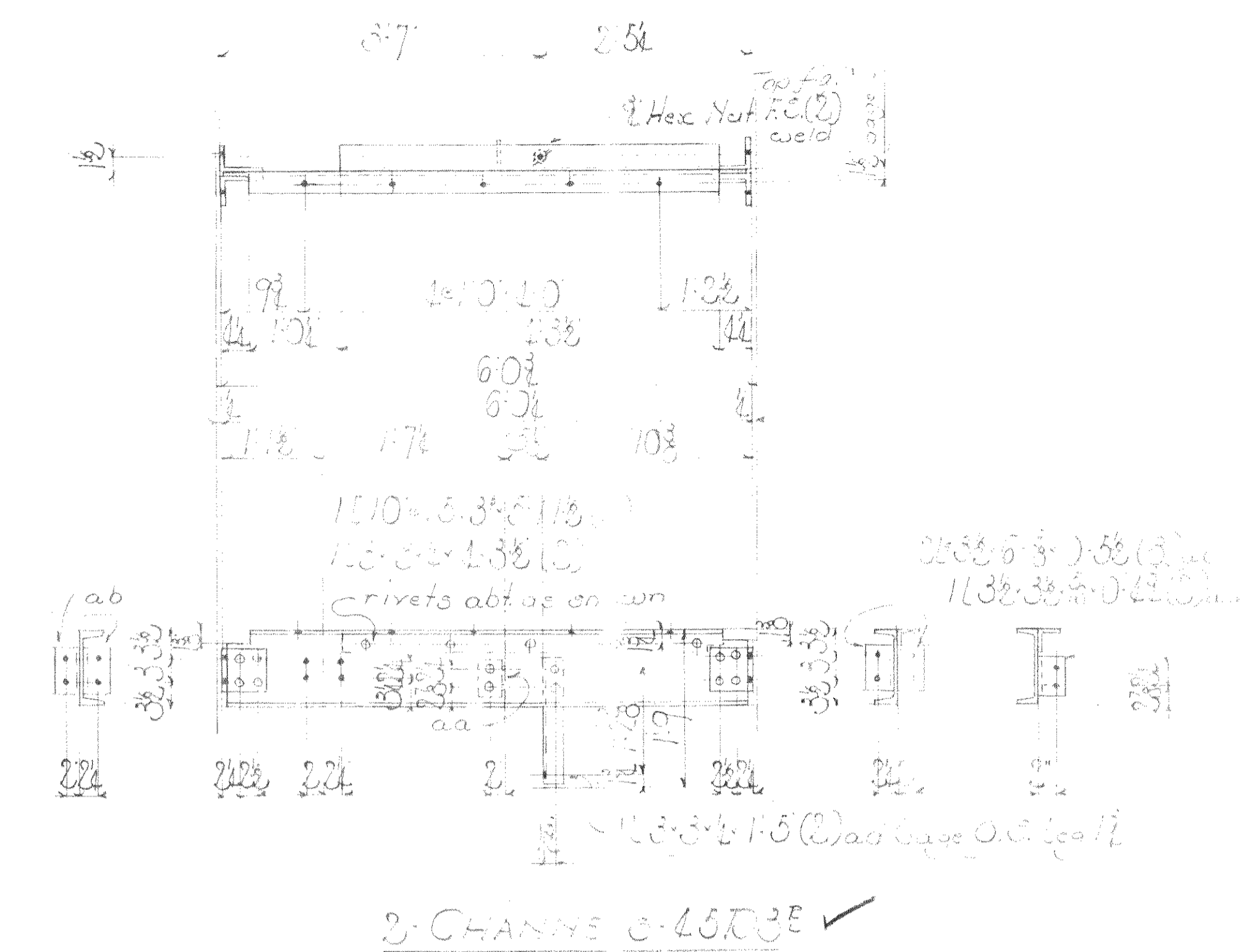
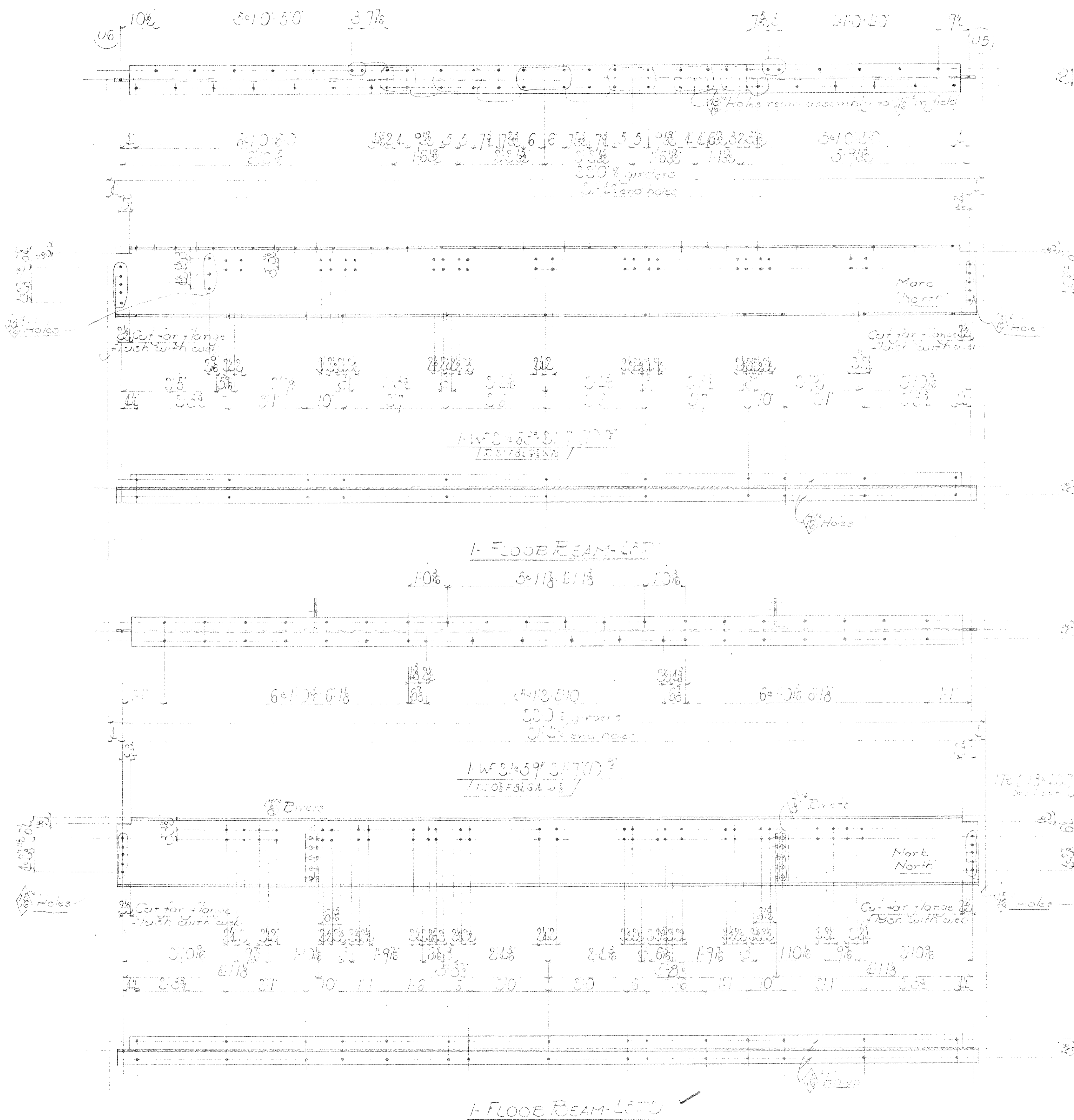
NO PAINT contact surfaces shop or field
All material copper bearing carbon steel
Paint marks for Sect C' red
Re-entrant cuts to be filleted
Copes and cuts may be flame cut, and ground smooth

Summary of parts

Coic Total	Description	Mark Bill	QTY
1	Floor plate	39D1	139a 9
1	"	39D2	20
2	Supports	39D3	
1	"	39D4	

PWA Detail N°OH 1756 F

WISCONSIN BRIDGE & IRON CO. MILWAUKEE, WIS.	
FOR: CITY OF CLEVELAND	LOCATION: CLEVELAND, OHIO
DESCRIPTION: Columbus Road Bridge	DETAILS OF Floor plates (mach house)
SPECIFICATIONS Ohio State	REAMING: None
INSPECTED BY: J. H. Herron	ERECTED BY: W. R. G.
SHOP PAINT: 1/2 lead Chromate (per specs)	FIELD PAINT: 3 cts per specs
MADE BY: W.M.S.	DATE: 11/17/39
TRACED BY: W.M.S.	DATE: 11/7/39
CHECKED BY: W.M.S.	DATE: 11/7/39
SCALE: SECTION	SHEET No. 39
CONT. No. 6200	



Notes
 NO PAINT contact surfaces and rivets
 All material Copper bearing surface
 Paint inside for steel
 Entrances to be insulated
 Gaps and cuts may be same cut or ground smooth

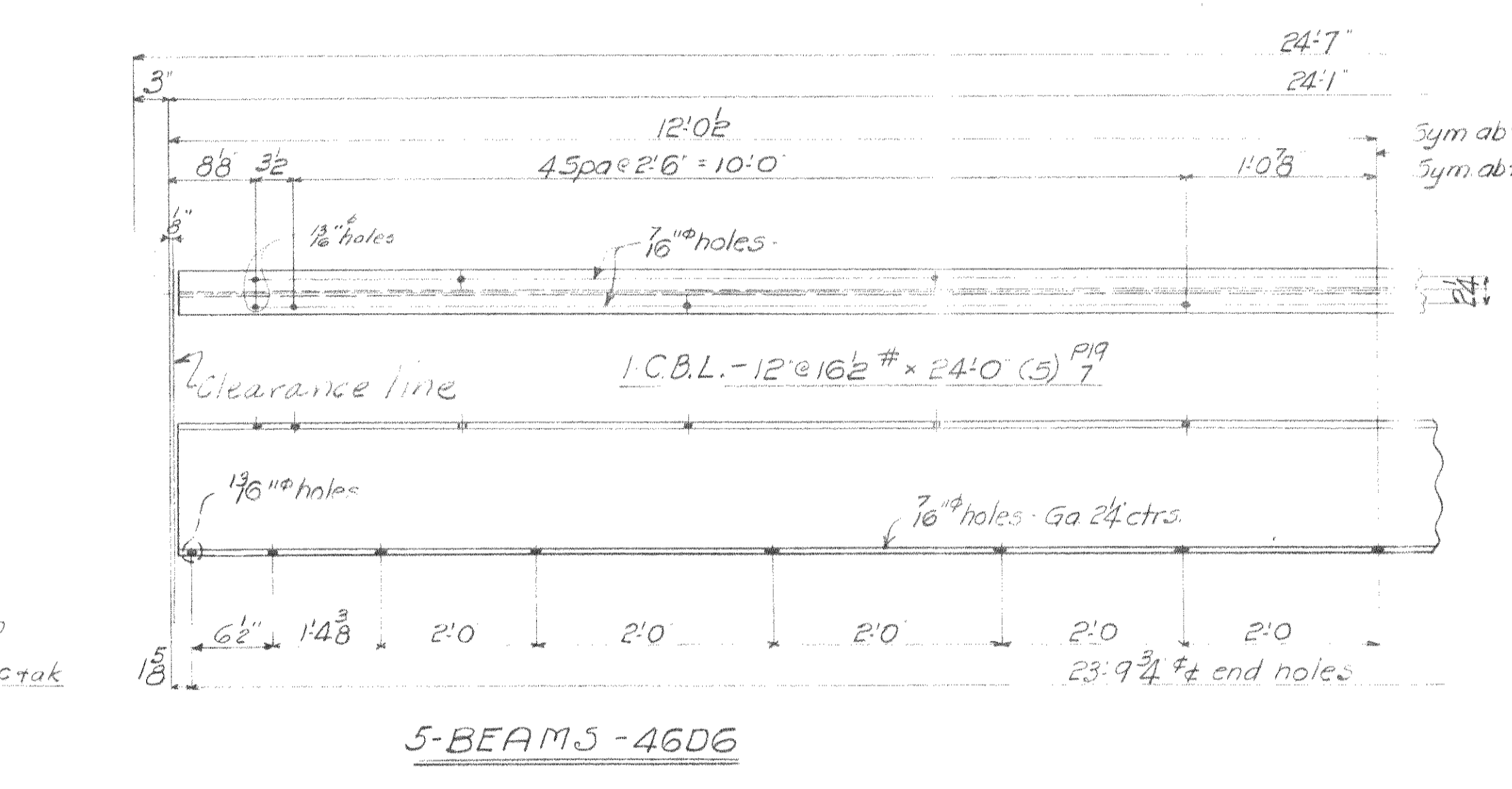
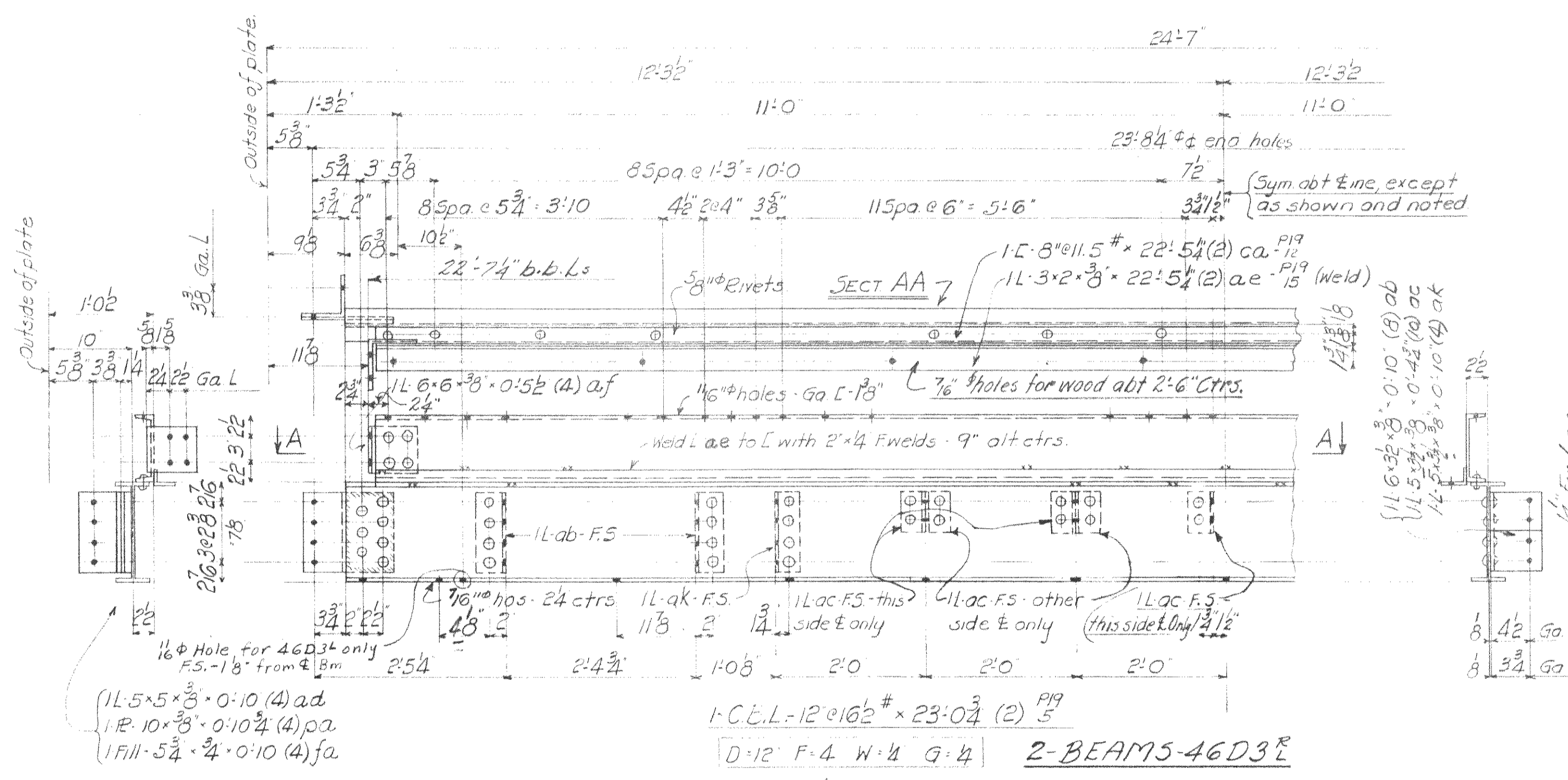
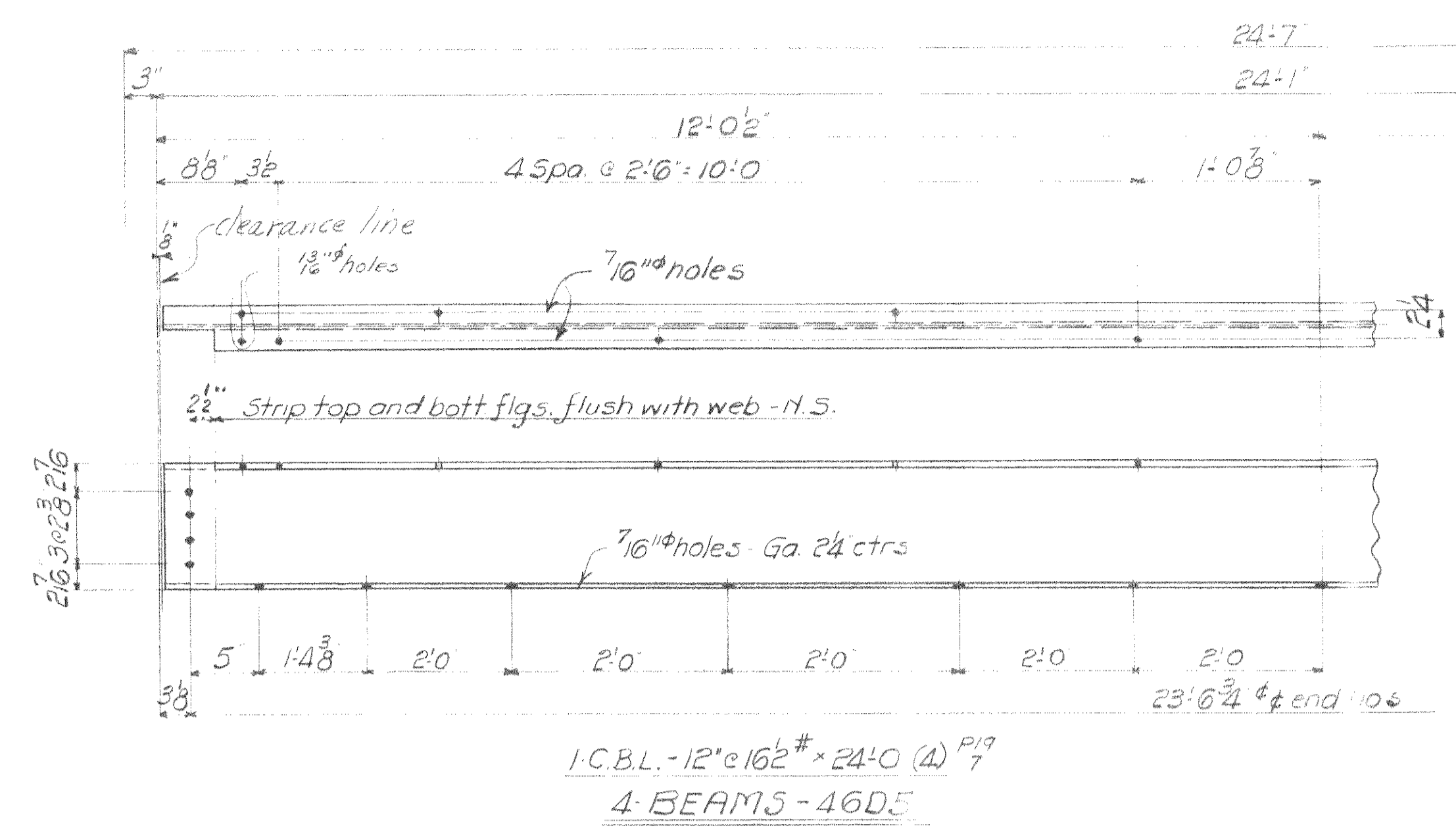
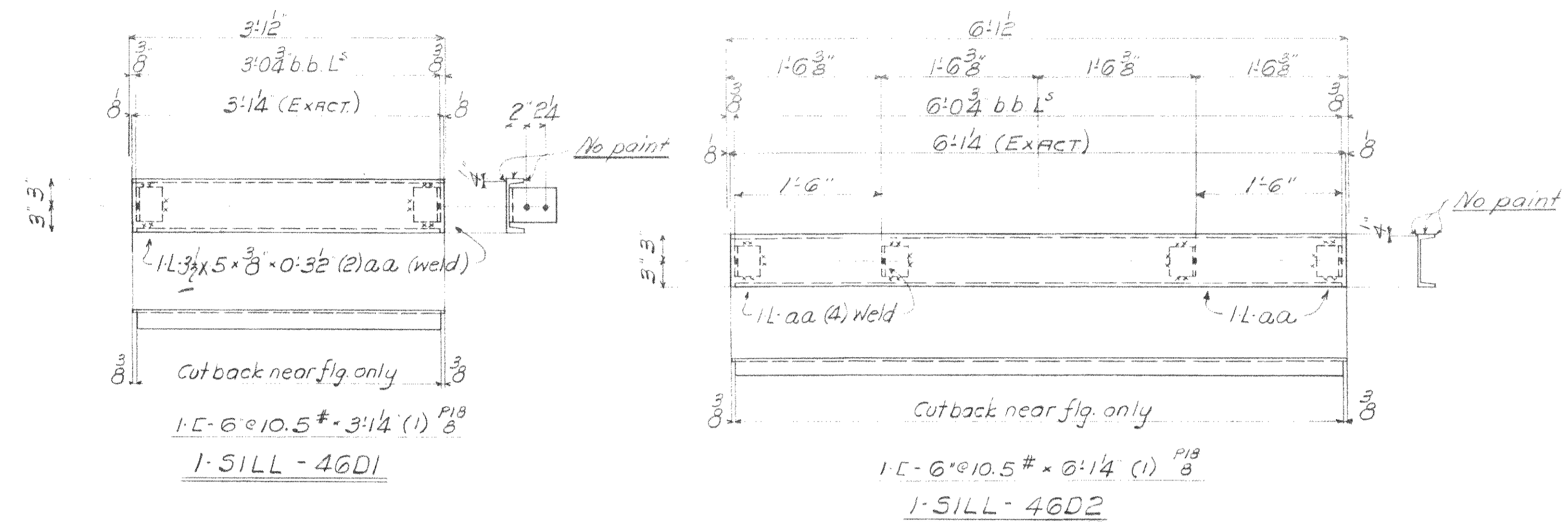
Summary of parts

QTY	Total	Description	Weight
1	1	Floor Beam	1160
2	2	Channels	1600

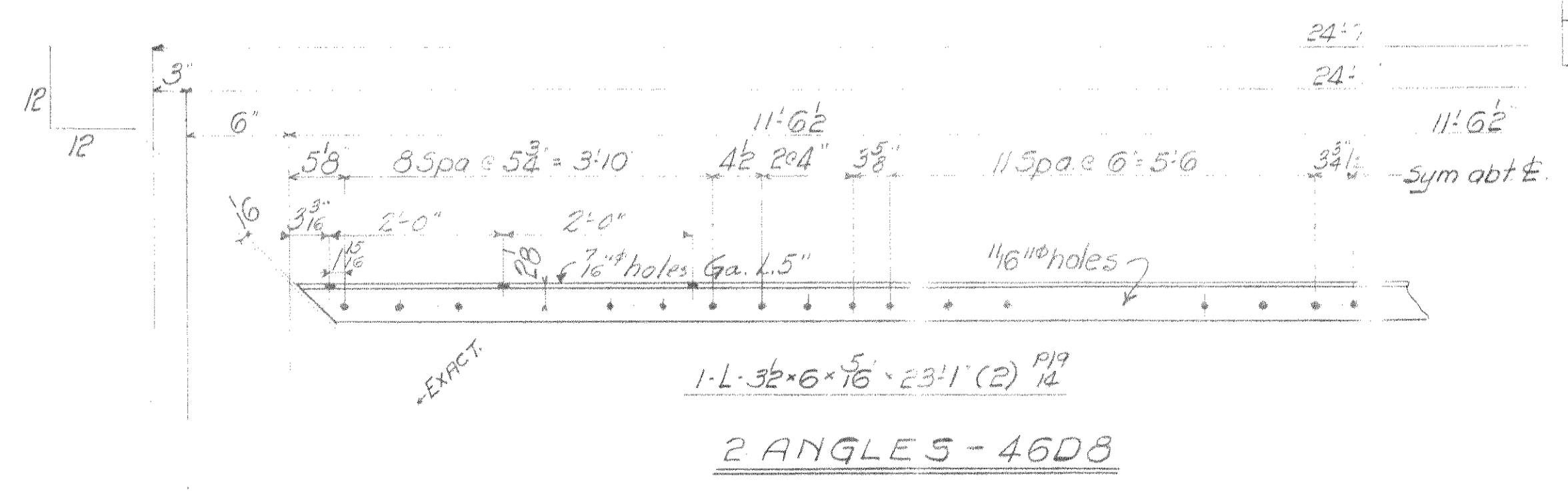
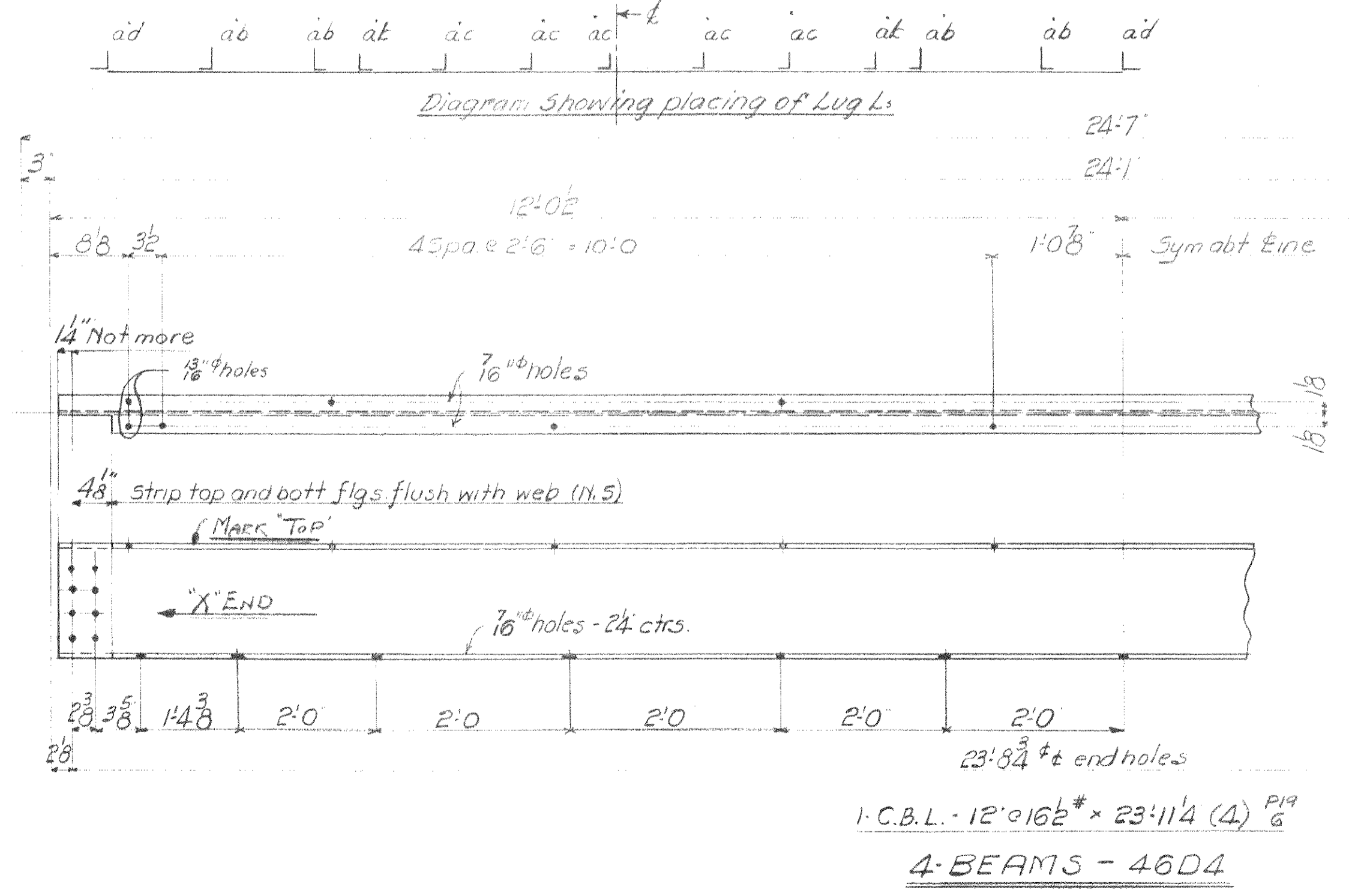
Date	
Revised	

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR: C. J. ...
 LOCATION: ...
 DESCRIPTION: ...
 DETAILS OF SPECIFICATIONS: ...
 REAMING: ...
 INSPECTED BY: ... DATE: ...
 ERECTED BY: ...
 SHOP PAINT: ...
 FIELD PAINT: ...
 MADE BY: ... DATE: ...
 TRACED BY: ... DATE: ...
 CHECKED BY: ... DATE: ...
 SCALE: ...
 SECTION: C
 RIVETS: ...
 OPEN HOLES: ...
 UNLESS NOTED: ...
 SHEET No. 6300



SUMMARY OF PARTS				
No	DESCRIPTION	MARK	BILL	RM.
1	SILL	46D1	M46a	-
1		46D2		
2	BEAMS	46D3E		176
4		46D4	M46b	-
4		46D5		-
5		46D6		-
2	ANGLES	46D8		-



NOTES:~
 No paint on contact surfaces, shop or field.
 Paint marks for Sect 'C' to be red.
 Re-entrant cuts to be filleted.
 Copers and cuts may be flame cut, and ground smooth.
 All material to be copper bearing.

R.W.A. No. OH-1756F

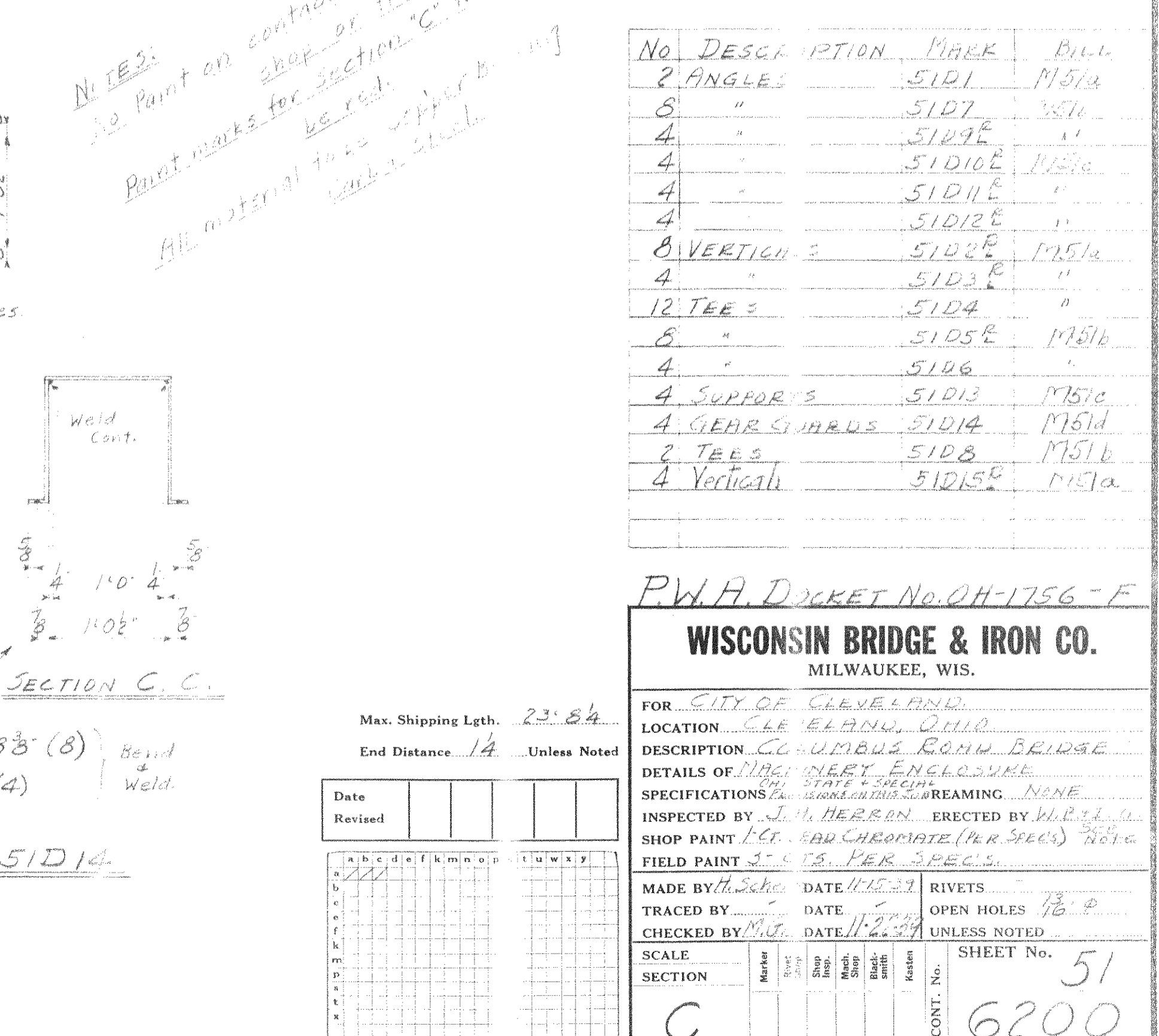
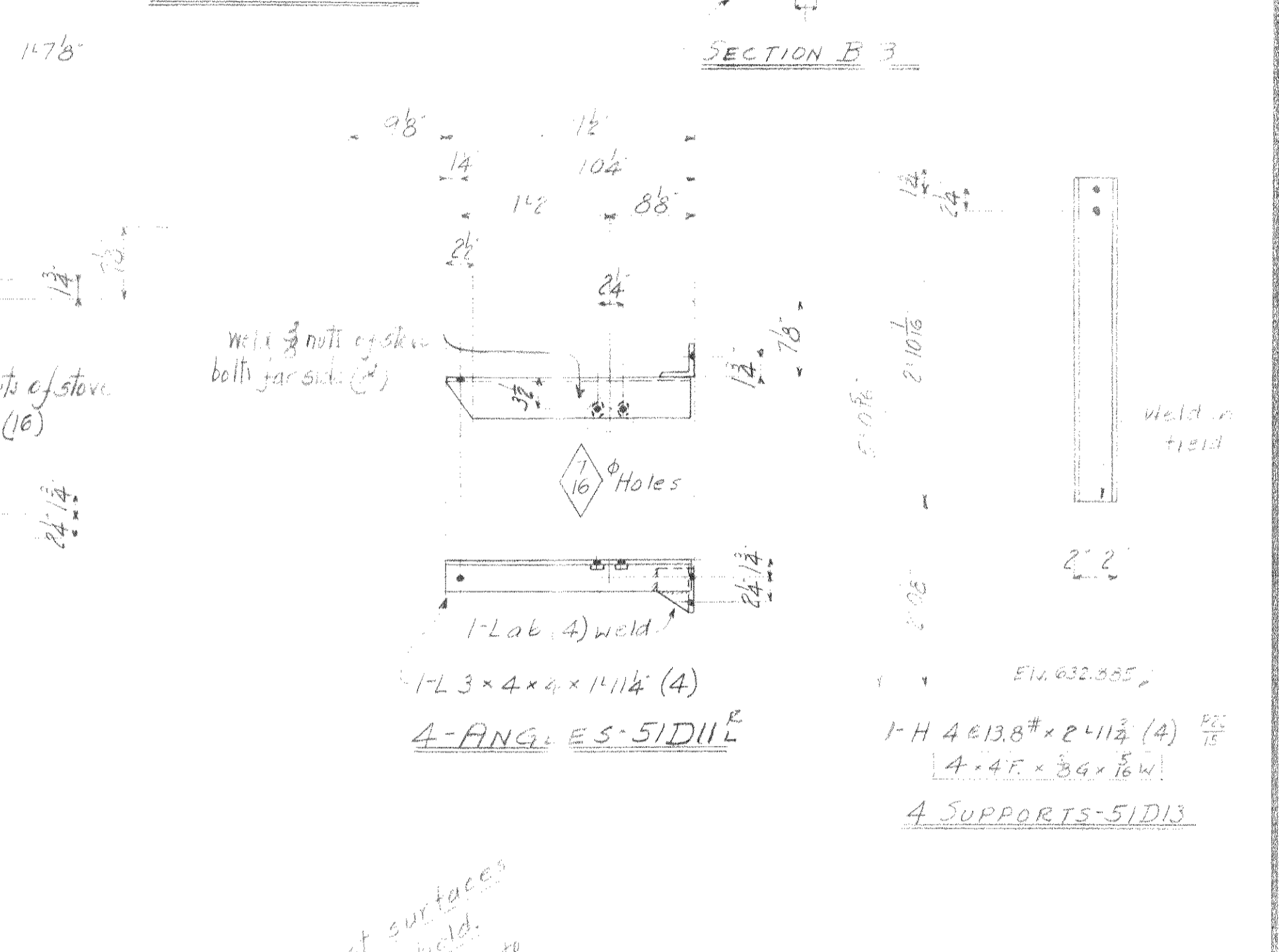
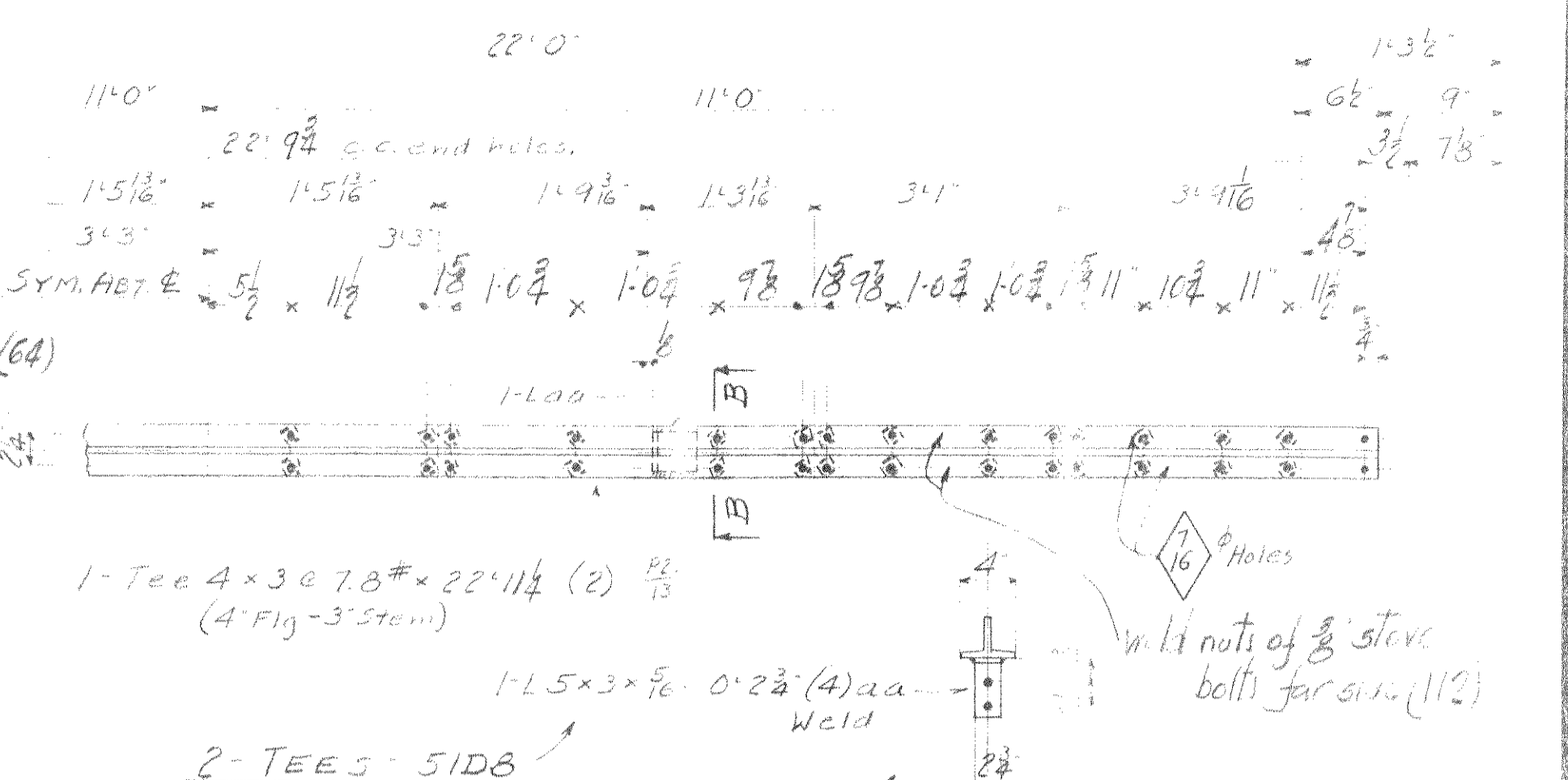
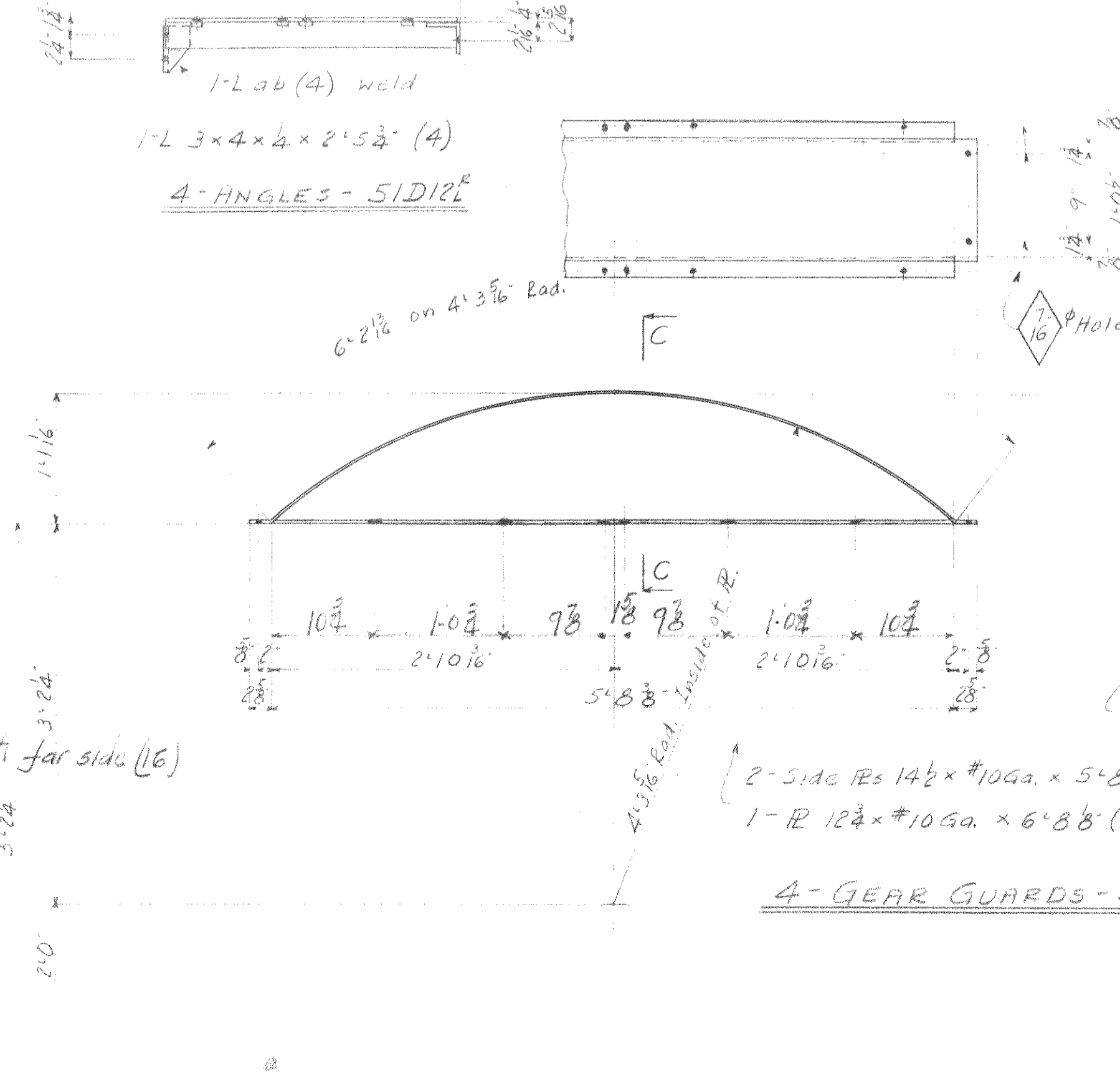
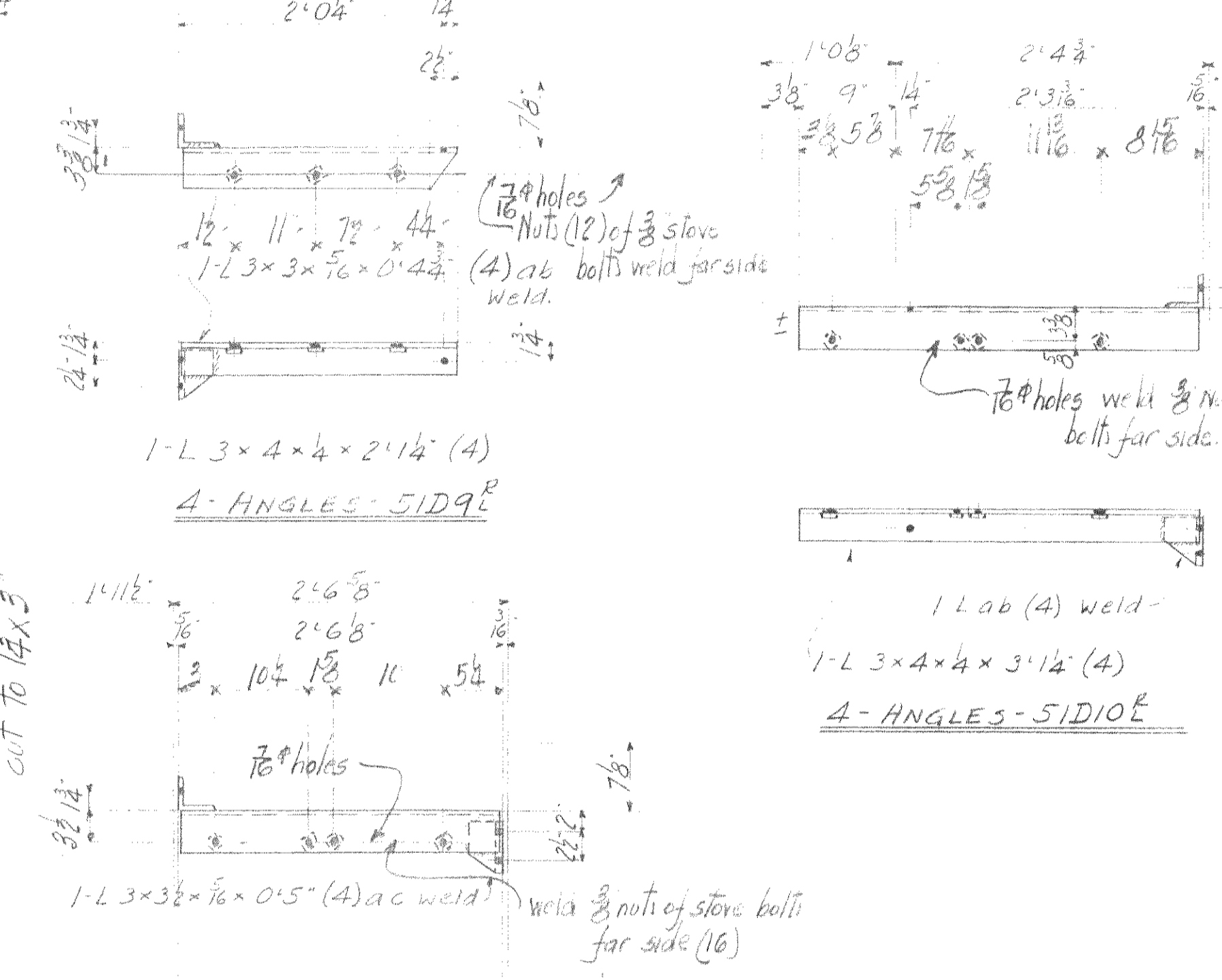
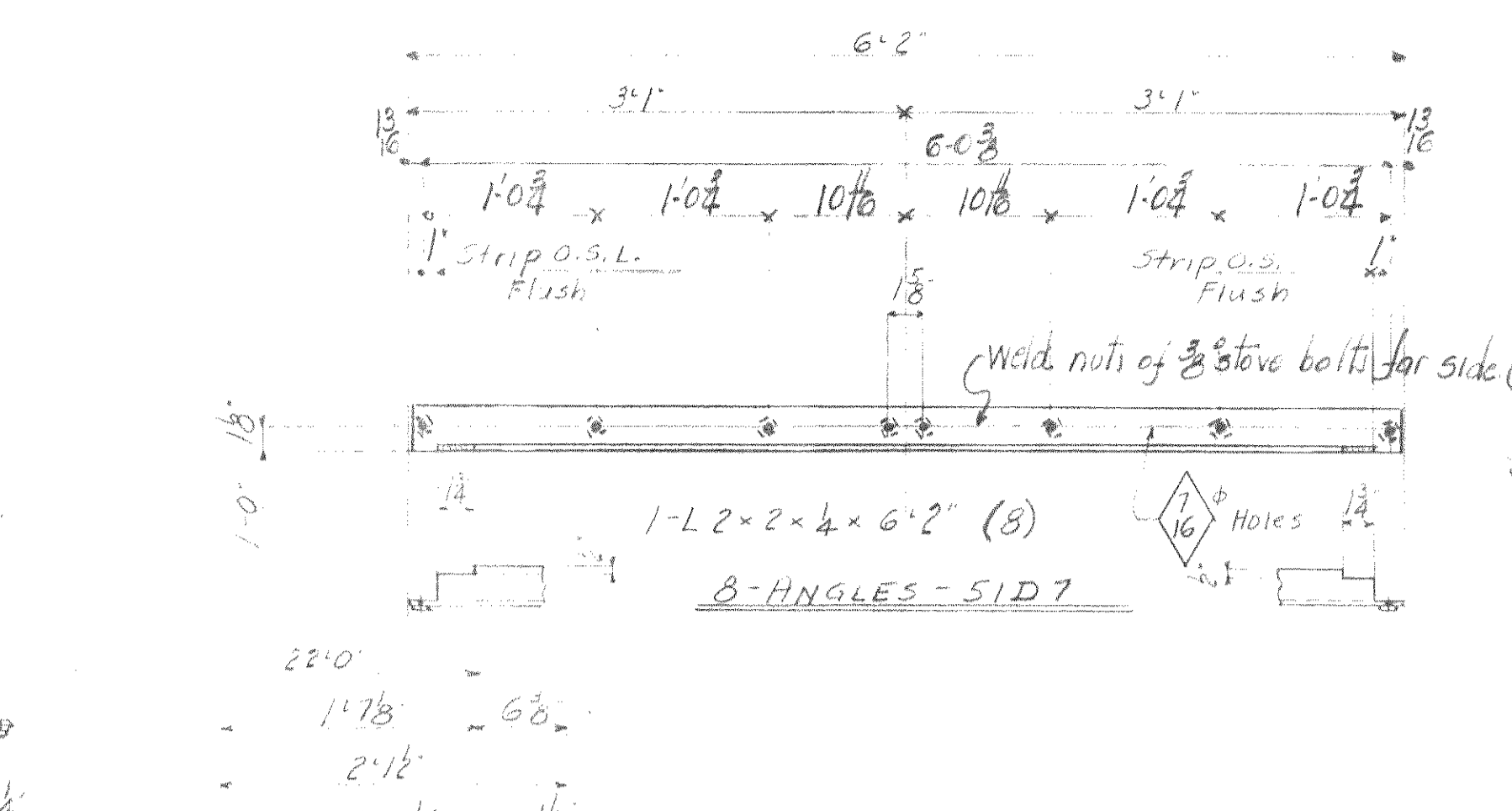
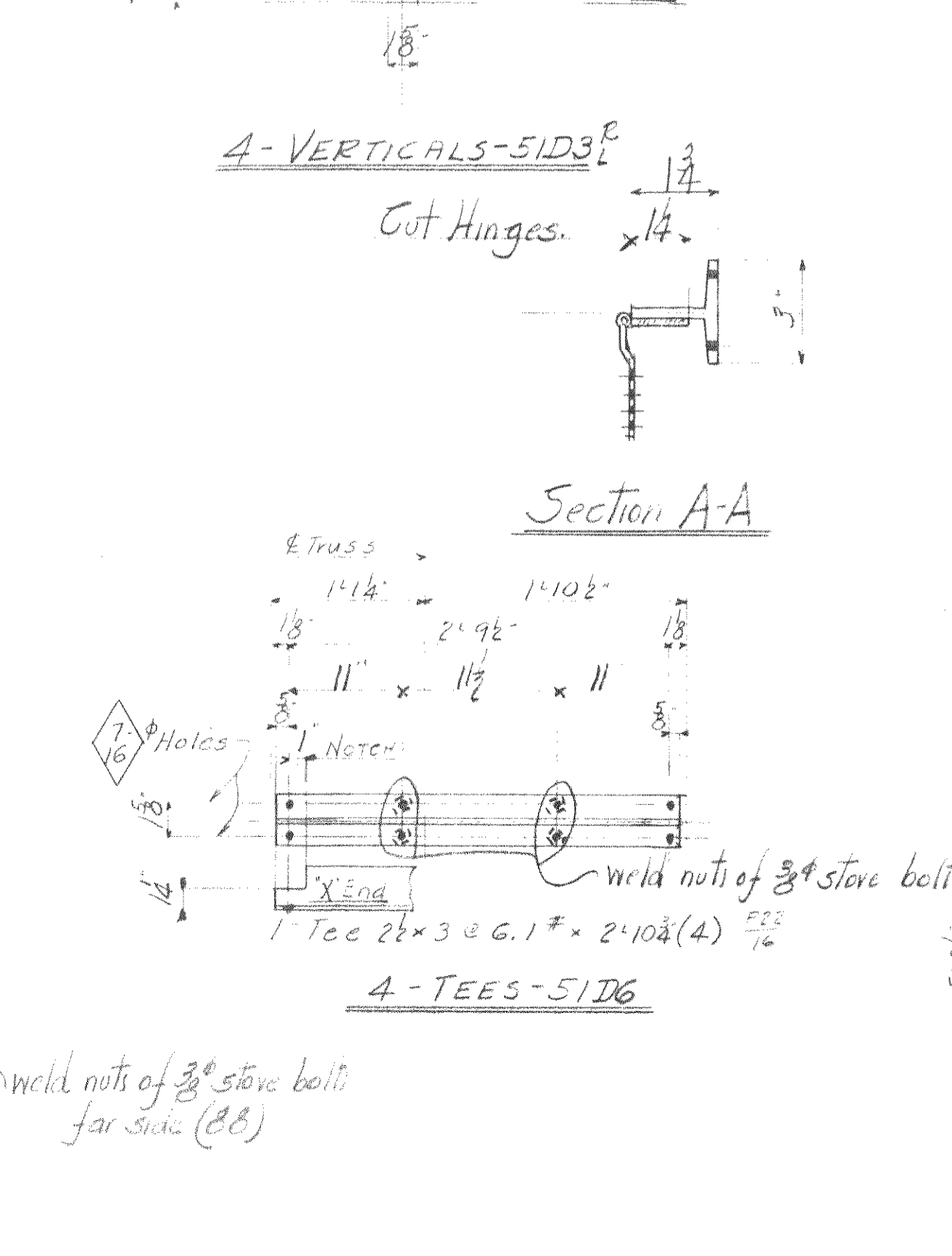
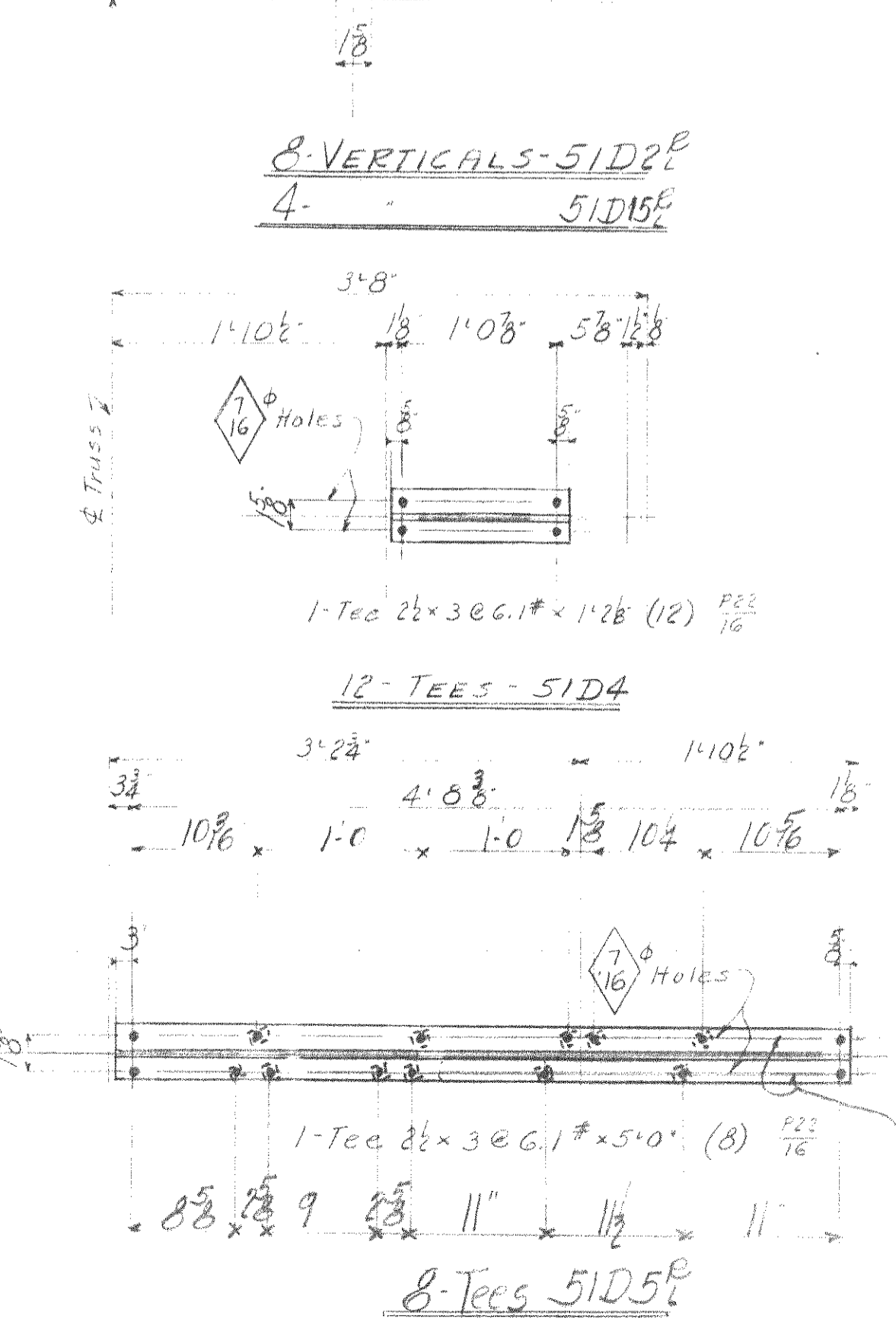
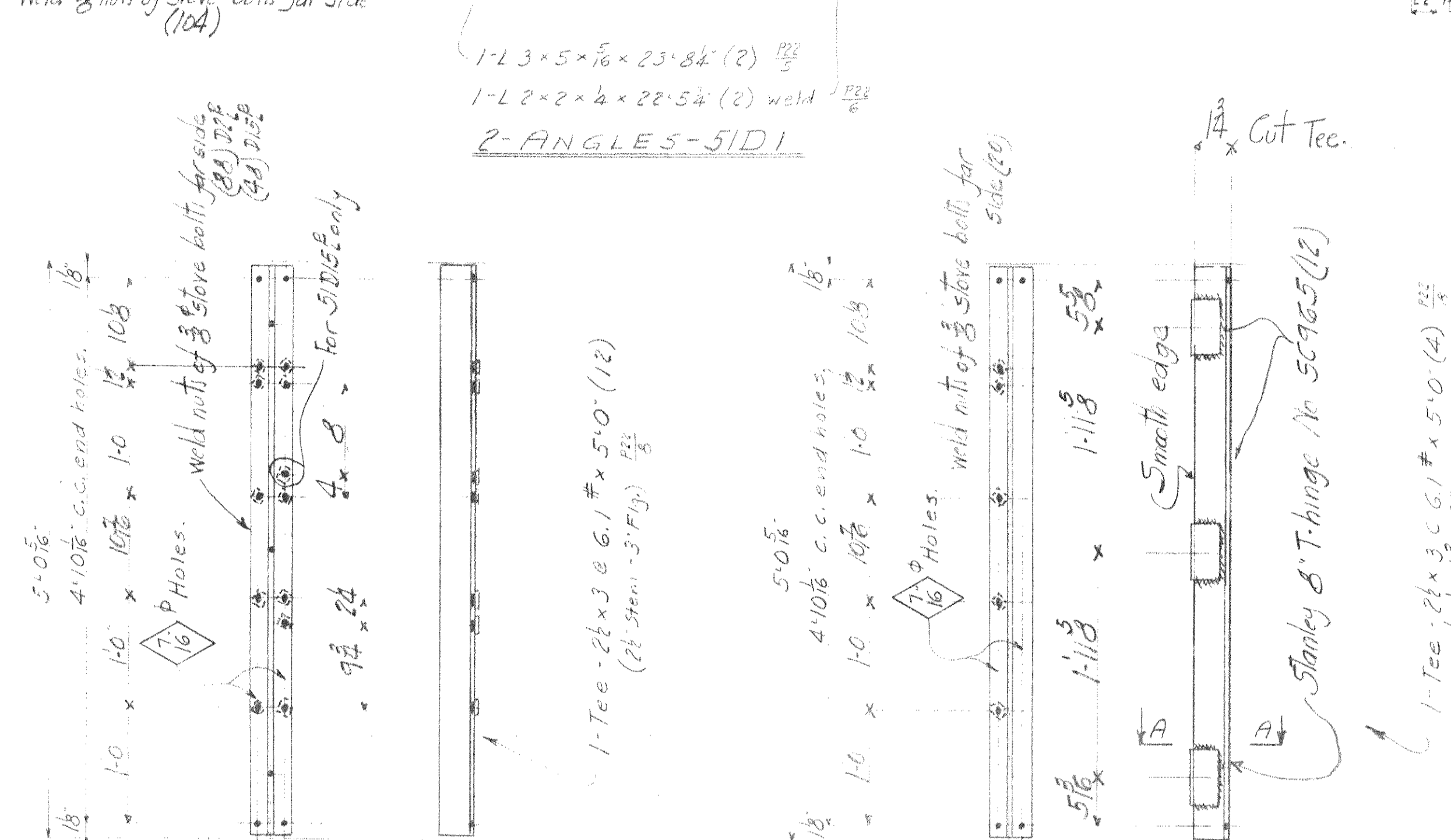
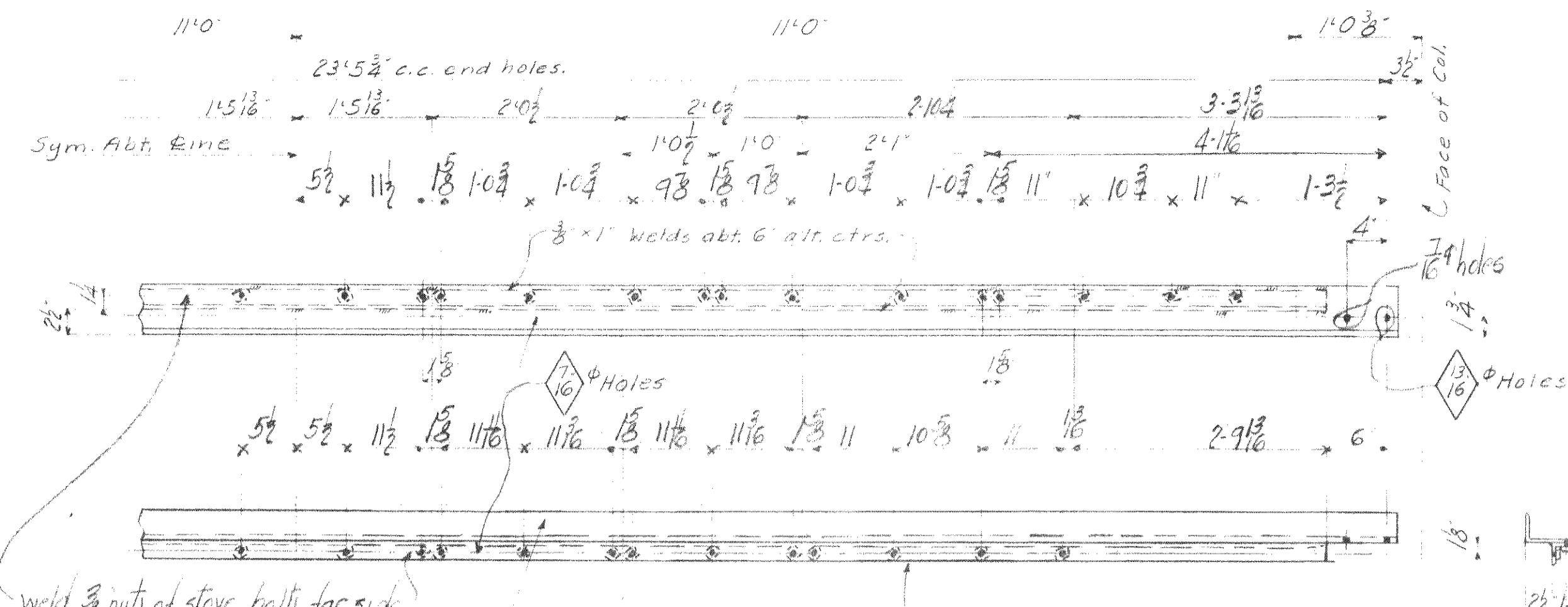
WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR CITY OF CLEVELAND
 LOCATION CLEVELAND, OHIO
 DESCRIPTION COLUMBUS ROAD BRIDGE
 DETAILS OF MACHINERY HOUSE
 SPECIFICATIONS OHIO STATE REAMING NONE
 INSPECTED BY J. HERRON ERCTED BY W.B. & I. CO.
 SHOP PAINT I.C. LEAD CHROMATE (PER SPEC)
 FIELD PAINT 3 CT. (PER SPEC)

MADE BY Herb. DATE 10/29/29 RIVETS 3/4" 156
 TRACED BY DATE OPEN HOLES 156
 CHECKED BY M.O. DATE 1-22-34 UNLESS NOTED

SCALE SECTION SHEET No. 46
 CONT. No. 6200

Date	
Revised	
Max. Shipping Length	24'-0"
End Distance	14'-4" Unless Noted



NOTES:
 1. Paint on contact surfaces
 2. Shop of field.
 3. Paint marks for section 'C' to
 be red.
 4. All material to be shipped
 with labels.

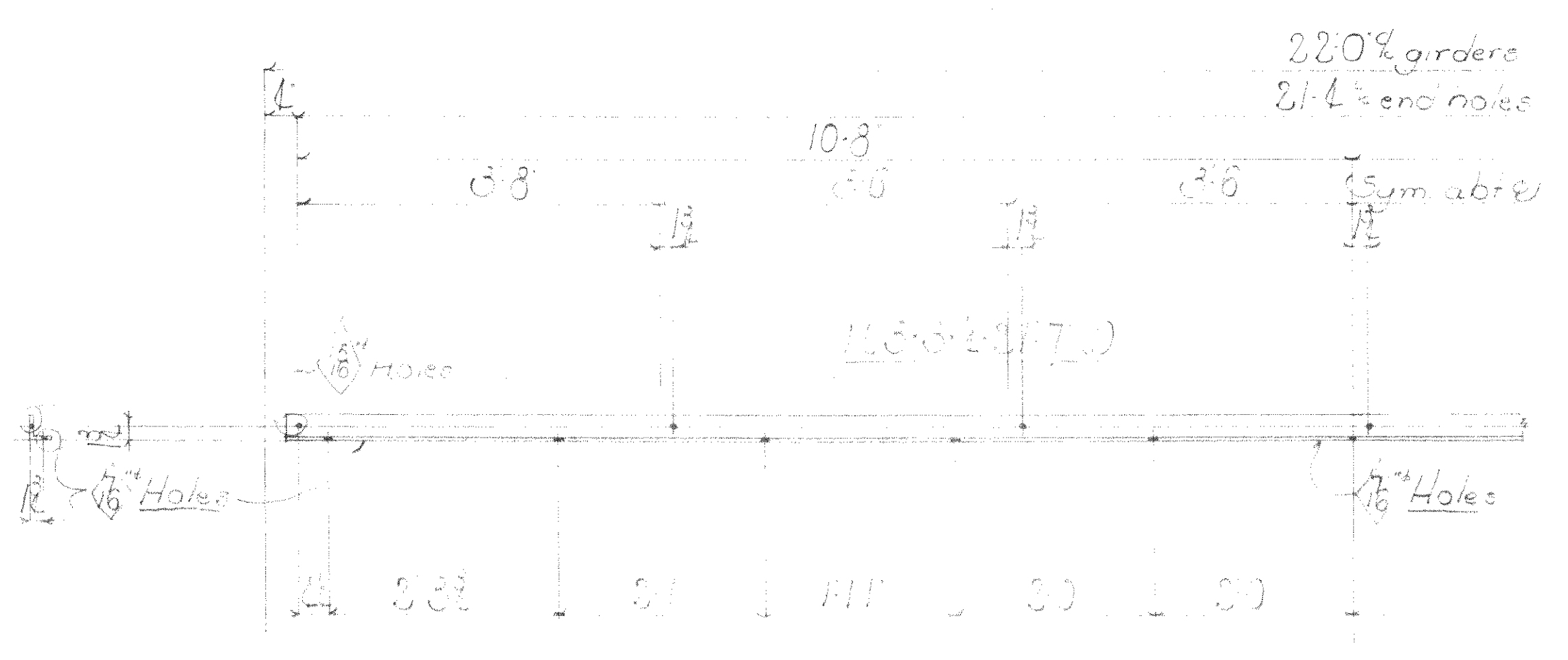
No.	DESCRIPTION	MARK	BILL
2	ANGLES	51D1	M51a
8	"	51D7	M51a
4	"	51D9	"
4	"	51D10	M51a
4	"	51D11	"
4	"	51D12	"
8	VERTICALS	51D2	M51a
4	"	51D3	"
12	TEES	51D4	"
8	"	51D5	M51b
4	"	51D6	"
4	SUPPORTS	51D13	M51c
4	GEAR GUARDS	51D14	M51d
2	TEES	51D8	M51b
4	VERTICALS	51D15	M51a

P.W.A. DOCKET No. OH-1756-F
WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

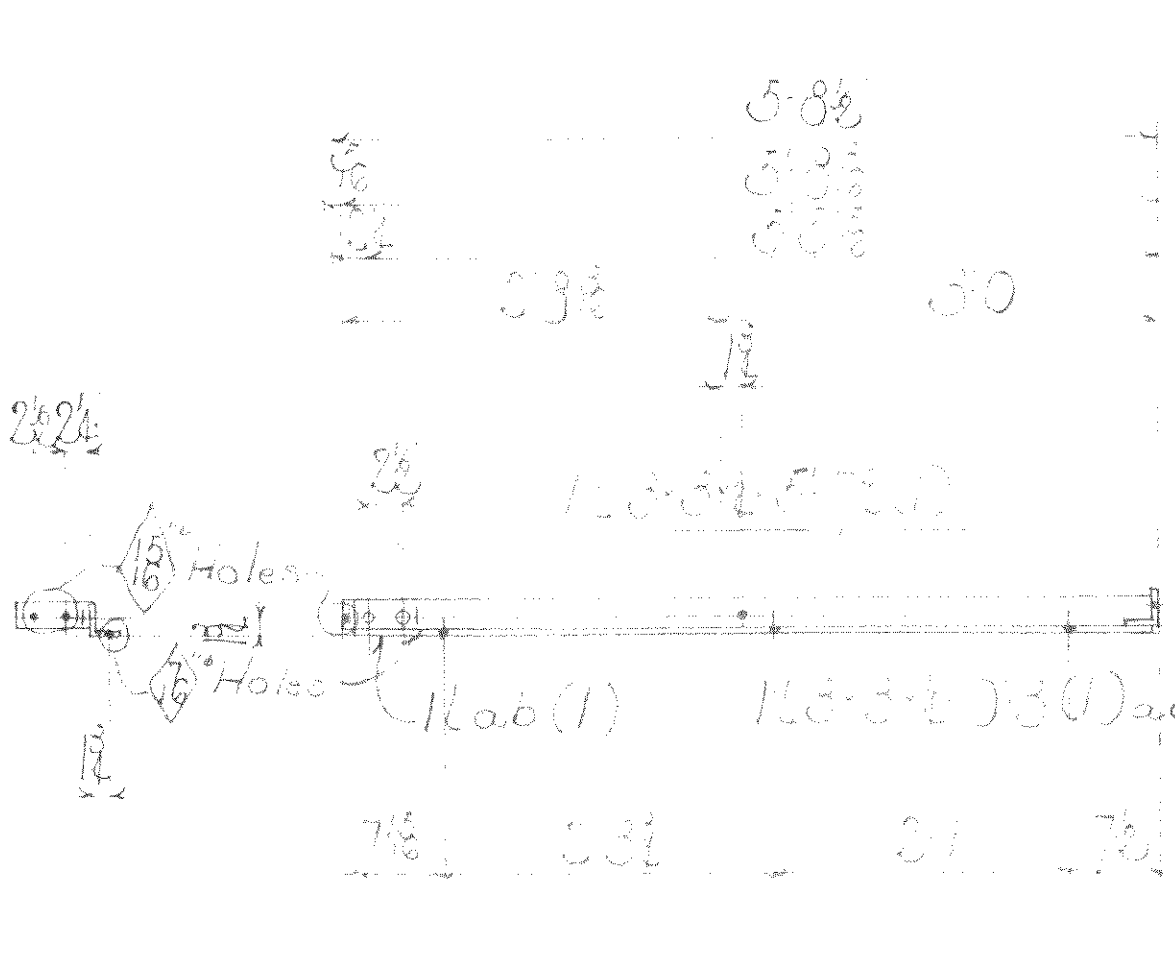
FOR CITY OF MILWAUKEE
 LOCATION: COLUMBIAN BOHM BRIDGE
 DESCRIPTION: DETAILS OF 1700 SHEET ENCLOSURE
 SPECIFICATIONS: PER STATE SPECIFICATIONS
 INSPECTED BY: J. H. HERRON
 SHOP PAINT: LET. AND CHROMIATE (PER SPECS)
 FIELD PAINT: 2-13 PER SPECS.

MADE BY: M. S. ... DATE: 11-22-27
 TRACED BY: ... DATE: ...
 CHECKED BY: M. S. ... DATE: 11-22-27

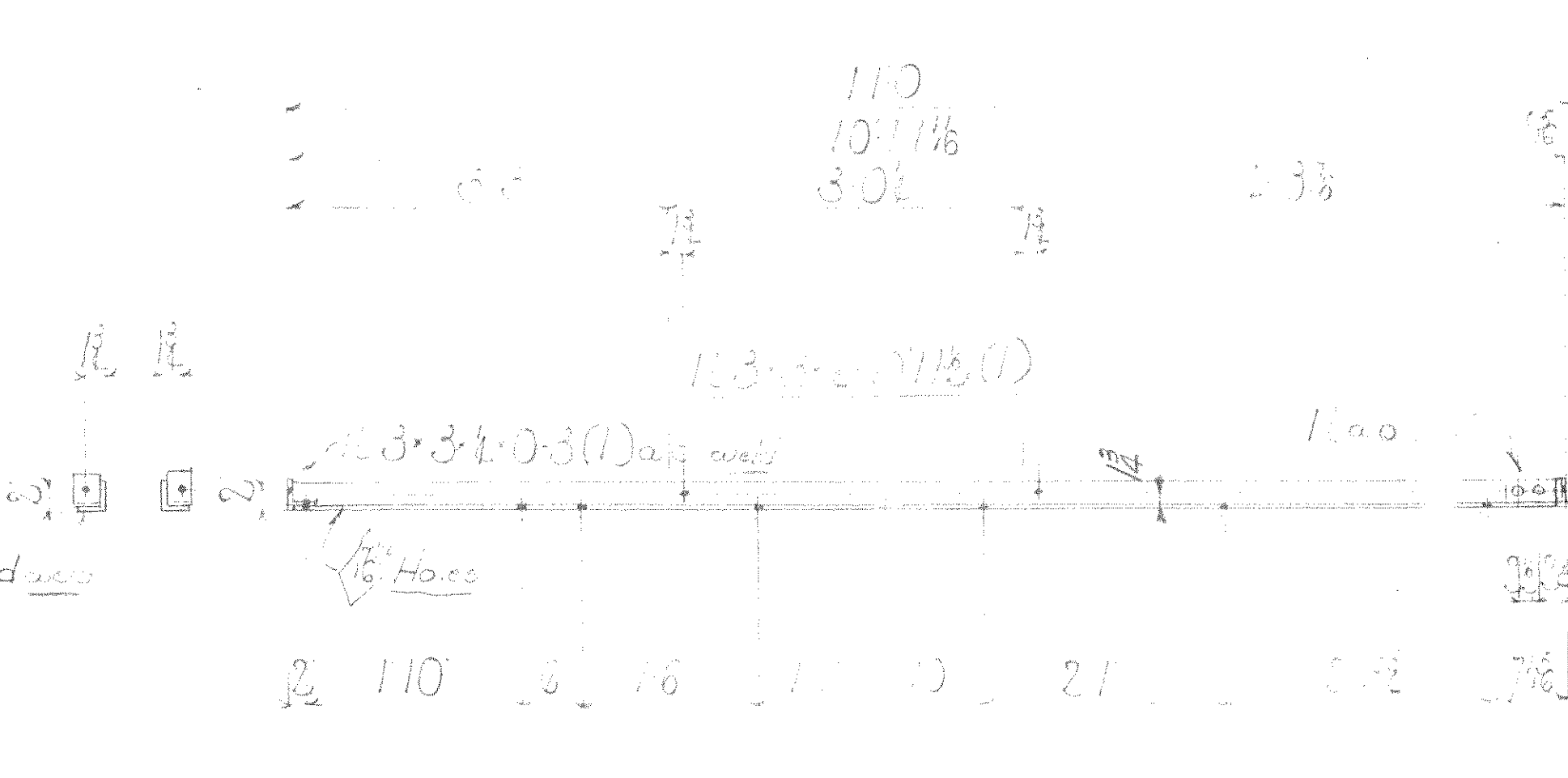
SCALE: SECTION C
 SHEET No. 51
 CONT. No. 6200



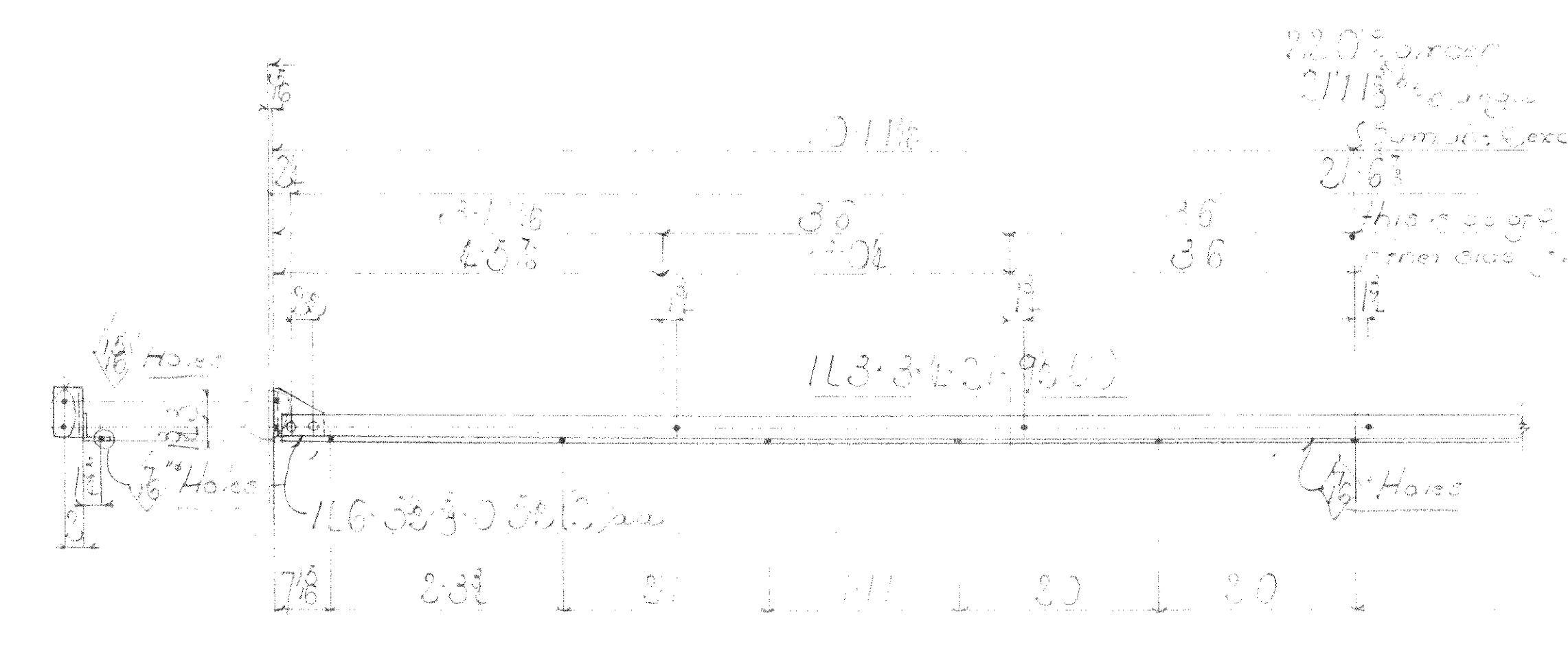
I-ANGLE 63D1



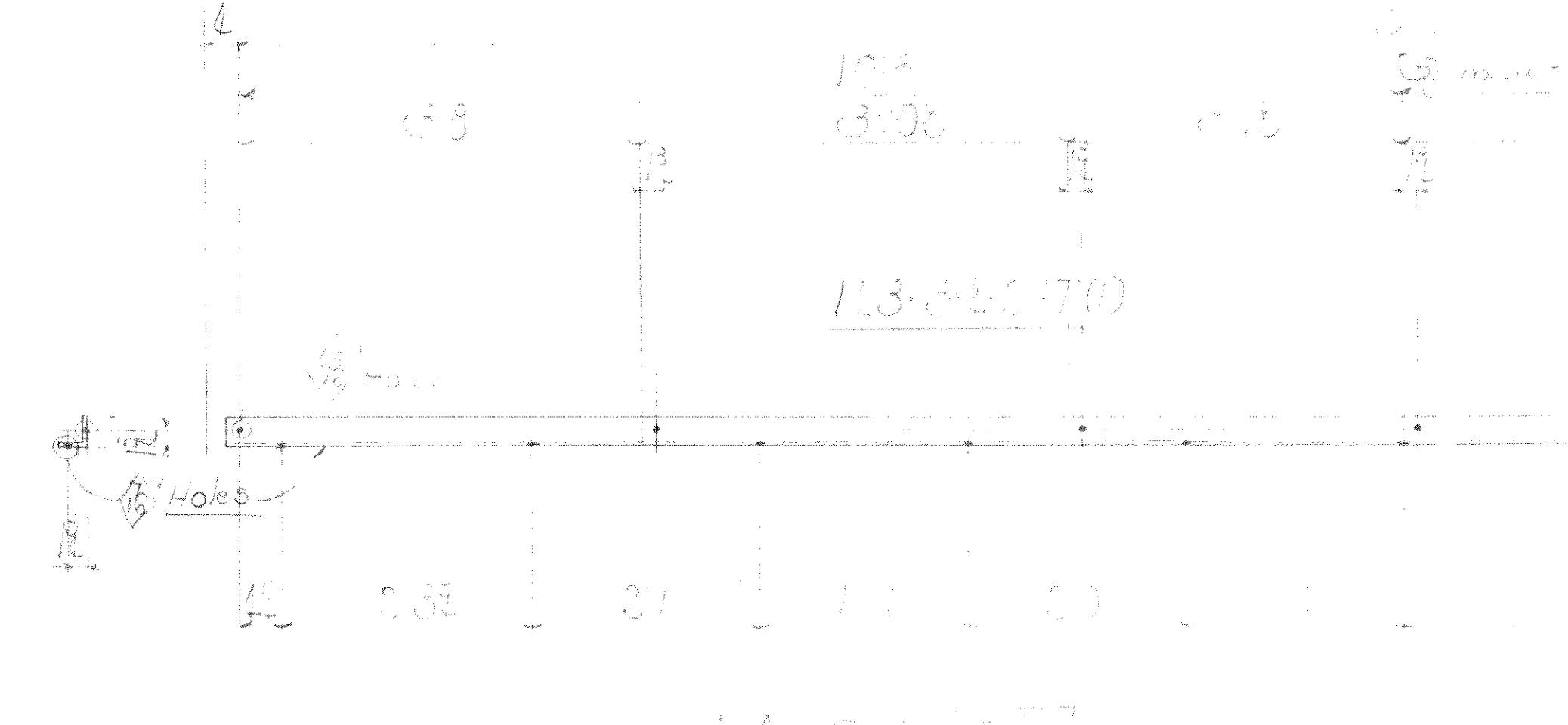
I-ANGLE 63D2



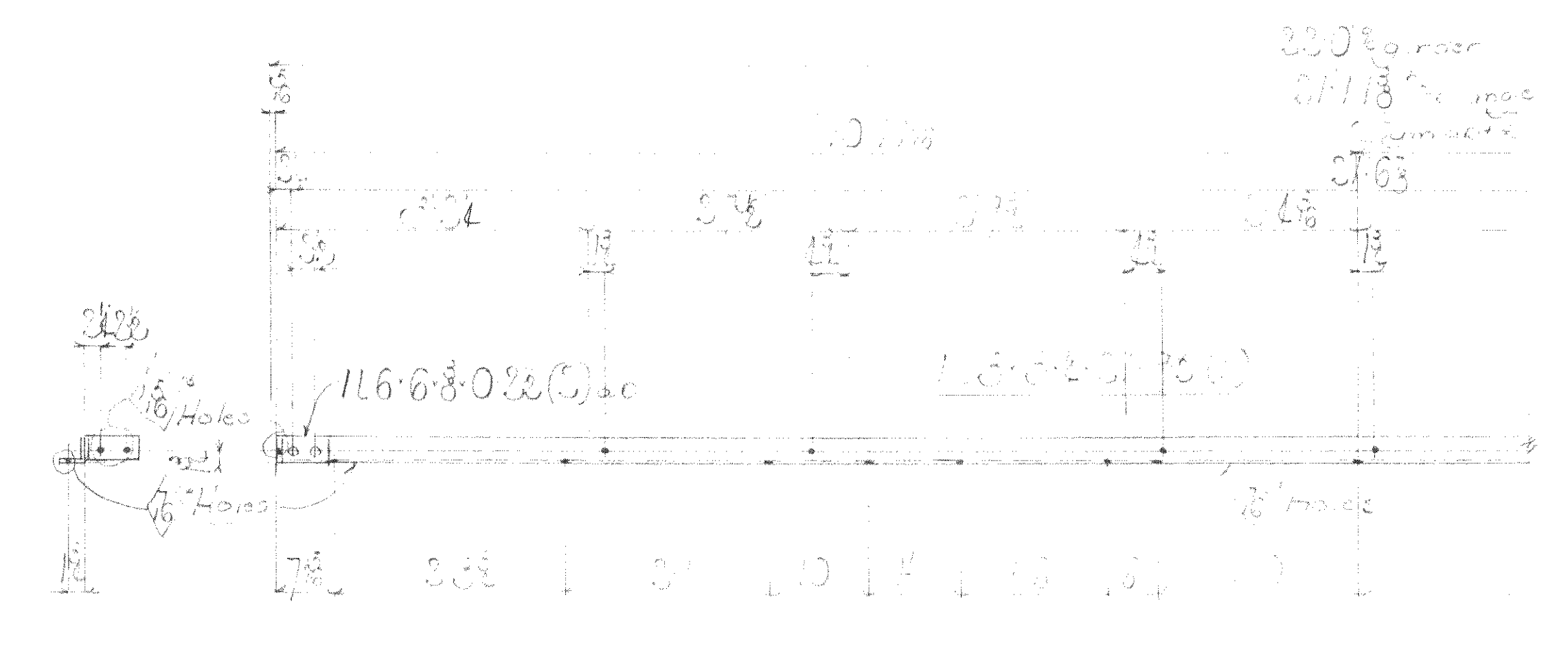
I-ANGLE 63D3



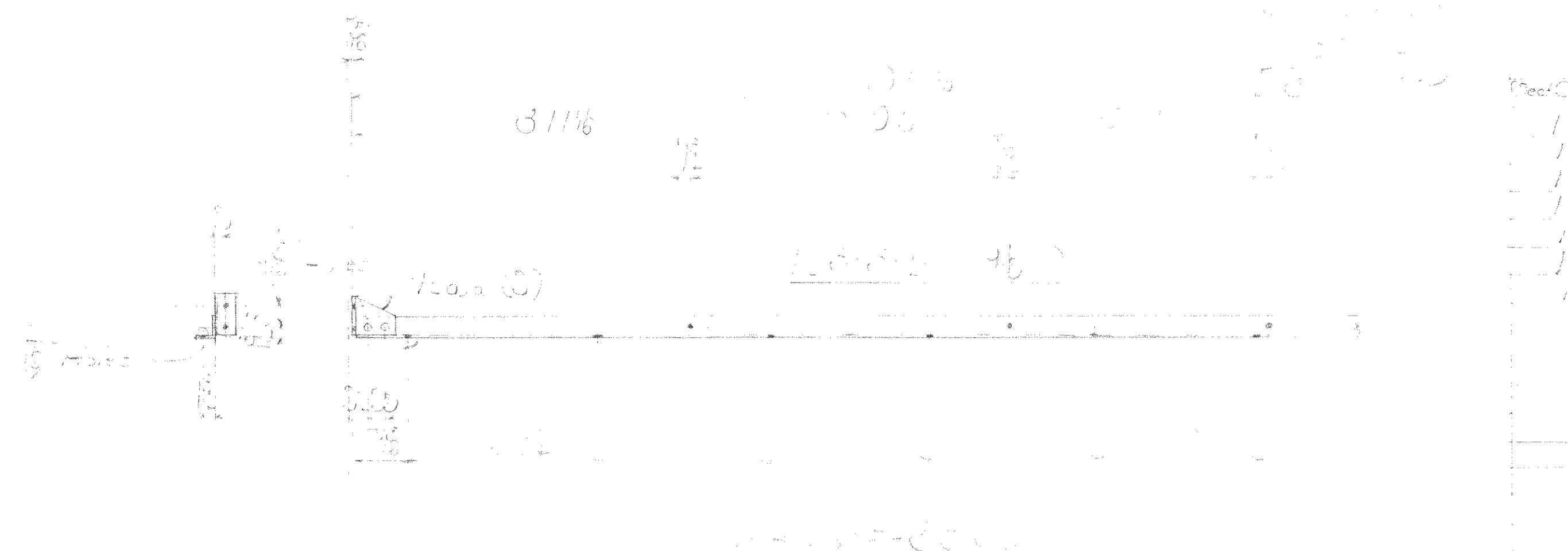
I-ANGLE 63D4



I-ANGLE 63D5



I-ANGLE 63D6



I-ANGLE 63D7

Note:
 1. All holes to be drilled in accordance with specifications.
 2. Material to be furnished by purchaser.
 3. All dimensions are in inches unless otherwise noted.

Part No.	Description	Quantity	Notes
63D1	ANGLE	4	
63D2	"	4	
63D3	"	2	
63D4	"	2	
63D5	"	4	
63D6	"	4	
63D7	"	4	

P.W.A. Design No. 34, 36
WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

Max. Shipping Lgth. 110
 End Distance Unless Noted

Date
 Revised

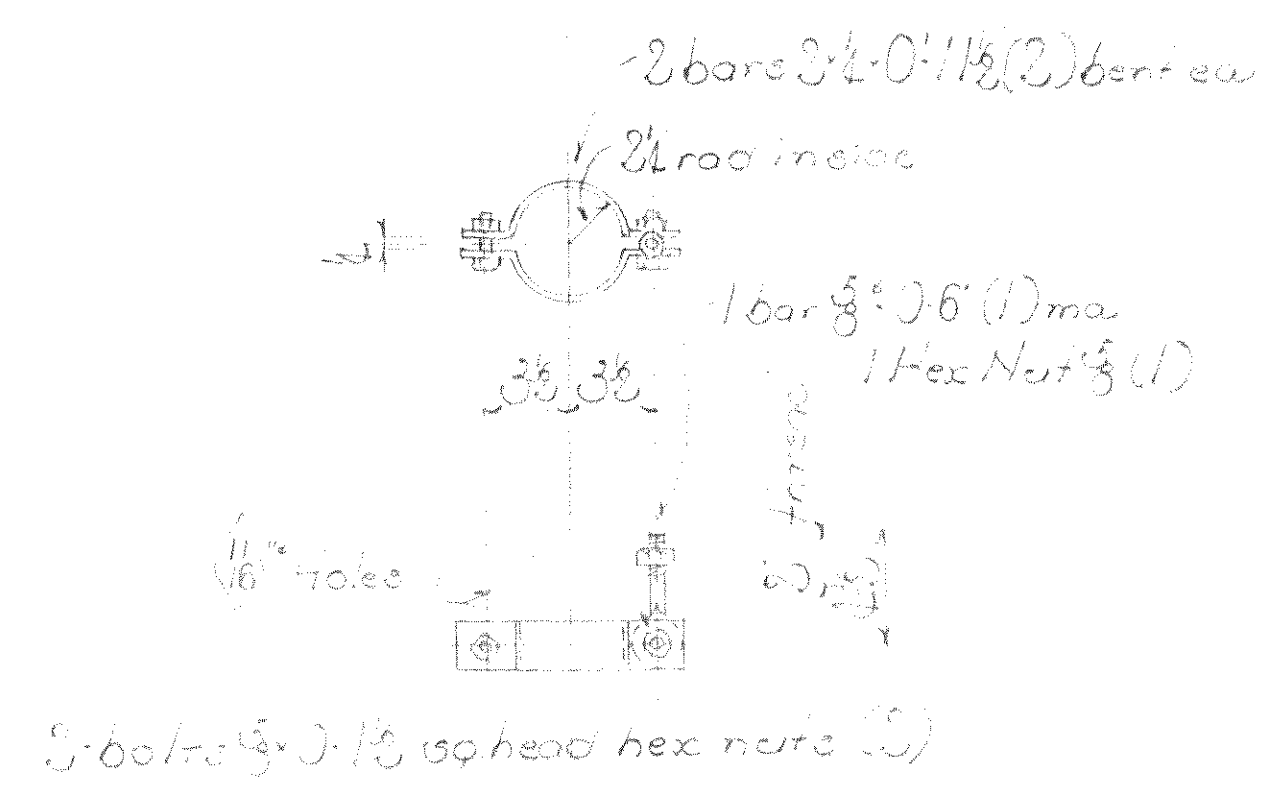
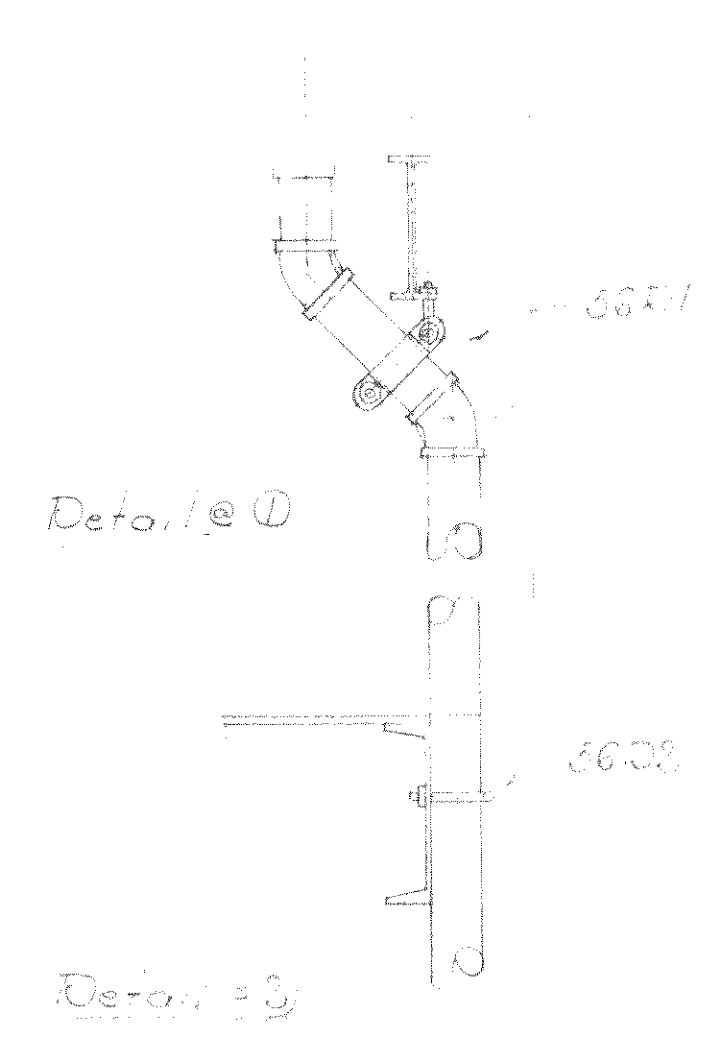
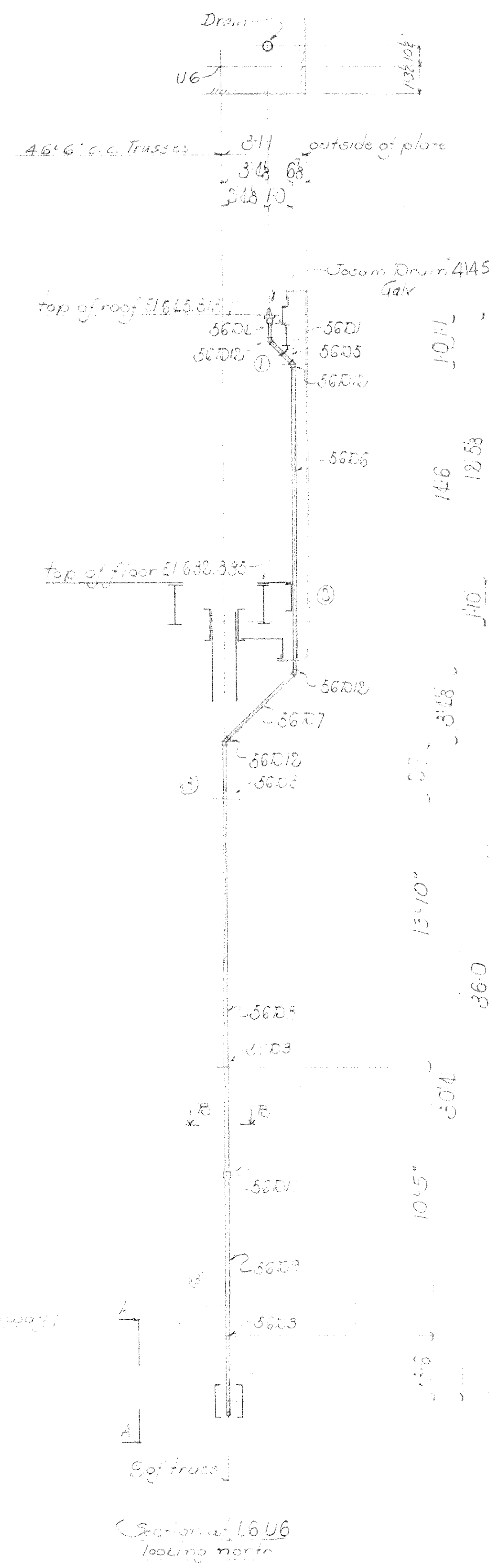
Section	Material	Shop	Field	Notes

FOR CITY
 LOCATION
 DESCRIPTION
 DETAILS OF SPECIFICATIONS
 INSPECTED BY
 SHOP PAINT
 FIELD PAINT
 MADE BY
 TRACED BY
 CHECKED BY
 SCALE
 SECTION

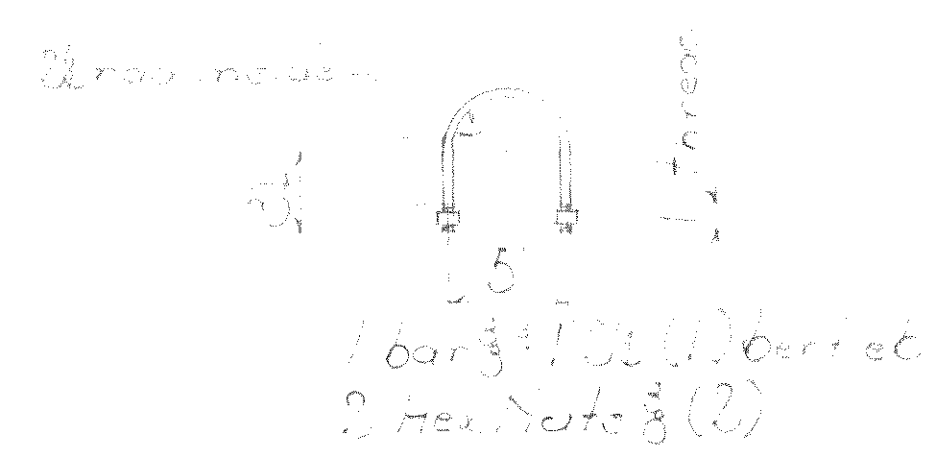
DATE
 DATE
 DATE

REWORKING
 ERRECTED BY
 UNLESS NOTED

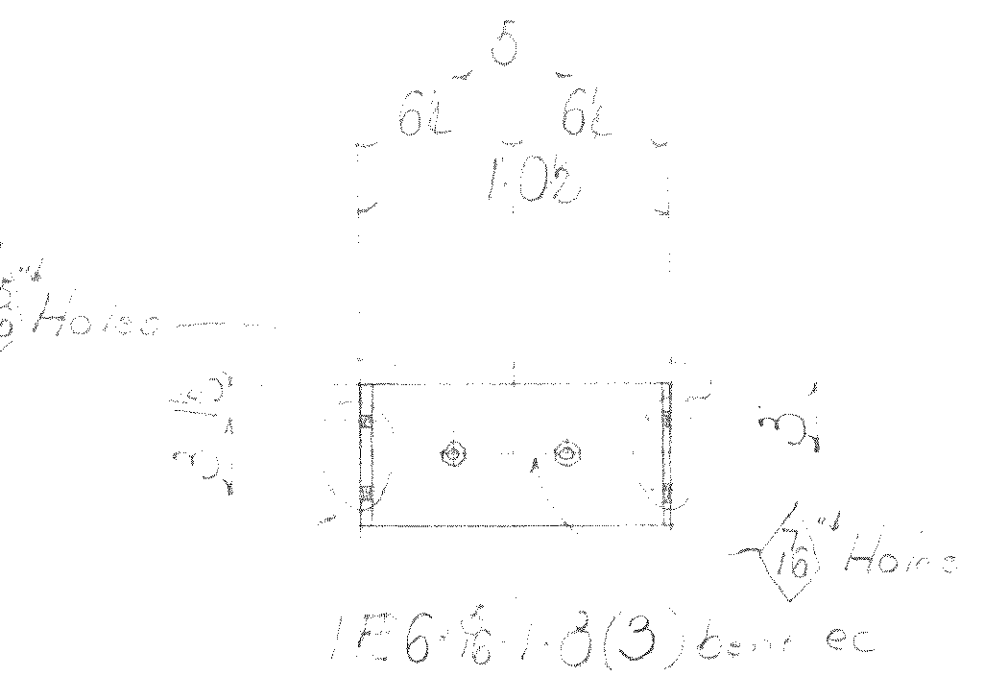
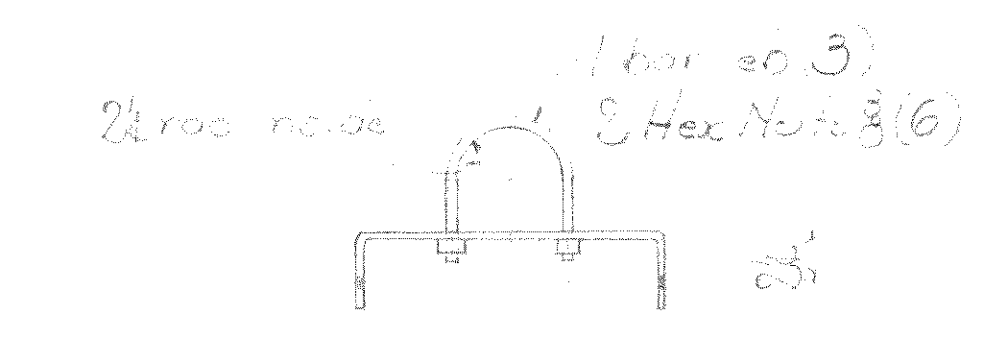
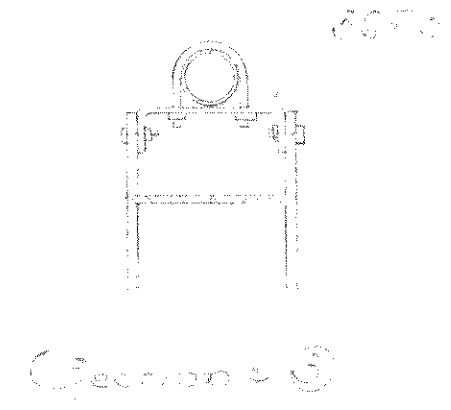
RIVETS
 OPEN HOLES
 SHEET No.
 53
 63D1



1-PIPE CLAMP-56D1



1-PIPE CLAMP-56D2



3-PIPE CLAMP-56D3

Check to be made bearing capacity

Pipe to be secured as indicated areas with nuts Pipe to be secured as indicated areas with nuts

Crane to be used for erection
Team: 1/10/11

Note:
Paint marks for erection to start from low.
All threads on pipe & fittings to be painted at time of erection.

Item	Description	Quantity	Material
1	Pipe Clamp	56D1	56D1
1	"	56D2	56D2
3	"	56D3	56D3
1	R 5/8" Dia. pipe	56D1	56D1
1	R 5/8" Dia. pipe	56D2	56D2
1	R 5/8" Dia. pipe	56D3	56D3
1	R 5/8" Dia. pipe	56D4	56D4
1	R 5/8" Dia. pipe	56D5	56D5
1	R 5/8" Dia. pipe	56D6	56D6
1	R 5/8" Dia. pipe	56D7	56D7
1	R 5/8" Dia. pipe	56D8	56D8
1	R 5/8" Dia. pipe	56D9	56D9
1	R 5/8" Dia. pipe	56D10	56D10
1	R 5/8" Dia. pipe	56D11	56D11
1	R 5/8" Dia. pipe	56D12	56D12
1	R 5/8" Dia. pipe	56D13	56D13
1	R 5/8" Dia. pipe	56D14	56D14
1	R 5/8" Dia. pipe	56D15	56D15
1	R 5/8" Dia. pipe	56D16	56D16
1	R 5/8" Dia. pipe	56D17	56D17
1	R 5/8" Dia. pipe	56D18	56D18
1	R 5/8" Dia. pipe	56D19	56D19
1	R 5/8" Dia. pipe	56D20	56D20
1	R 5/8" Dia. pipe	56D21	56D21
1	R 5/8" Dia. pipe	56D22	56D22
1	R 5/8" Dia. pipe	56D23	56D23
1	R 5/8" Dia. pipe	56D24	56D24
1	R 5/8" Dia. pipe	56D25	56D25
1	R 5/8" Dia. pipe	56D26	56D26
1	R 5/8" Dia. pipe	56D27	56D27
1	R 5/8" Dia. pipe	56D28	56D28
1	R 5/8" Dia. pipe	56D29	56D29
1	R 5/8" Dia. pipe	56D30	56D30
1	R 5/8" Dia. pipe	56D31	56D31
1	R 5/8" Dia. pipe	56D32	56D32
1	R 5/8" Dia. pipe	56D33	56D33
1	R 5/8" Dia. pipe	56D34	56D34
1	R 5/8" Dia. pipe	56D35	56D35
1	R 5/8" Dia. pipe	56D36	56D36
1	R 5/8" Dia. pipe	56D37	56D37
1	R 5/8" Dia. pipe	56D38	56D38
1	R 5/8" Dia. pipe	56D39	56D39
1	R 5/8" Dia. pipe	56D40	56D40
1	R 5/8" Dia. pipe	56D41	56D41
1	R 5/8" Dia. pipe	56D42	56D42
1	R 5/8" Dia. pipe	56D43	56D43
1	R 5/8" Dia. pipe	56D44	56D44
1	R 5/8" Dia. pipe	56D45	56D45
1	R 5/8" Dia. pipe	56D46	56D46
1	R 5/8" Dia. pipe	56D47	56D47
1	R 5/8" Dia. pipe	56D48	56D48
1	R 5/8" Dia. pipe	56D49	56D49
1	R 5/8" Dia. pipe	56D50	56D50
1	R 5/8" Dia. pipe	56D51	56D51
1	R 5/8" Dia. pipe	56D52	56D52
1	R 5/8" Dia. pipe	56D53	56D53
1	R 5/8" Dia. pipe	56D54	56D54
1	R 5/8" Dia. pipe	56D55	56D55
1	R 5/8" Dia. pipe	56D56	56D56
1	R 5/8" Dia. pipe	56D57	56D57
1	R 5/8" Dia. pipe	56D58	56D58
1	R 5/8" Dia. pipe	56D59	56D59
1	R 5/8" Dia. pipe	56D60	56D60
1	R 5/8" Dia. pipe	56D61	56D61
1	R 5/8" Dia. pipe	56D62	56D62
1	R 5/8" Dia. pipe	56D63	56D63
1	R 5/8" Dia. pipe	56D64	56D64
1	R 5/8" Dia. pipe	56D65	56D65
1	R 5/8" Dia. pipe	56D66	56D66
1	R 5/8" Dia. pipe	56D67	56D67
1	R 5/8" Dia. pipe	56D68	56D68
1	R 5/8" Dia. pipe	56D69	56D69
1	R 5/8" Dia. pipe	56D70	56D70
1	R 5/8" Dia. pipe	56D71	56D71
1	R 5/8" Dia. pipe	56D72	56D72
1	R 5/8" Dia. pipe	56D73	56D73
1	R 5/8" Dia. pipe	56D74	56D74
1	R 5/8" Dia. pipe	56D75	56D75
1	R 5/8" Dia. pipe	56D76	56D76
1	R 5/8" Dia. pipe	56D77	56D77
1	R 5/8" Dia. pipe	56D78	56D78
1	R 5/8" Dia. pipe	56D79	56D79
1	R 5/8" Dia. pipe	56D80	56D80
1	R 5/8" Dia. pipe	56D81	56D81
1	R 5/8" Dia. pipe	56D82	56D82
1	R 5/8" Dia. pipe	56D83	56D83
1	R 5/8" Dia. pipe	56D84	56D84
1	R 5/8" Dia. pipe	56D85	56D85
1	R 5/8" Dia. pipe	56D86	56D86
1	R 5/8" Dia. pipe	56D87	56D87
1	R 5/8" Dia. pipe	56D88	56D88
1	R 5/8" Dia. pipe	56D89	56D89
1	R 5/8" Dia. pipe	56D90	56D90
1	R 5/8" Dia. pipe	56D91	56D91
1	R 5/8" Dia. pipe	56D92	56D92
1	R 5/8" Dia. pipe	56D93	56D93
1	R 5/8" Dia. pipe	56D94	56D94
1	R 5/8" Dia. pipe	56D95	56D95
1	R 5/8" Dia. pipe	56D96	56D96
1	R 5/8" Dia. pipe	56D97	56D97
1	R 5/8" Dia. pipe	56D98	56D98
1	R 5/8" Dia. pipe	56D99	56D99
1	R 5/8" Dia. pipe	56D100	56D100

Date					
Revised					

FOR LOCATION Chippewa Falls, Wis.

DESCRIPTION Chippewa Falls

DETAILS OF Chippewa Falls

SPECIFICATIONS Chippewa Falls

REAMING BY Chippewa Falls

ERECTED BY Chippewa Falls

SHOP PAINT Chippewa Falls

FIELD PAINT Chippewa Falls

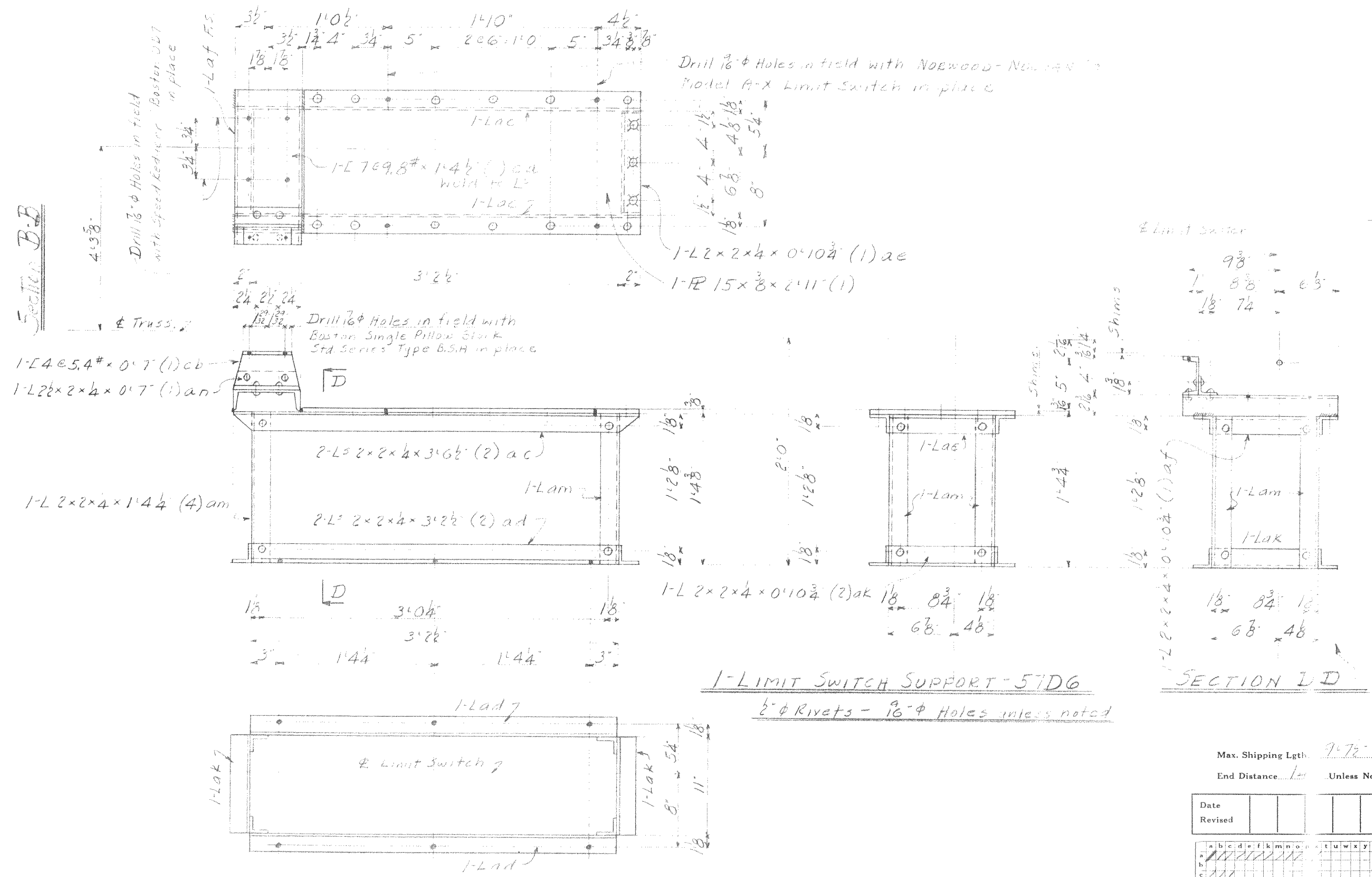
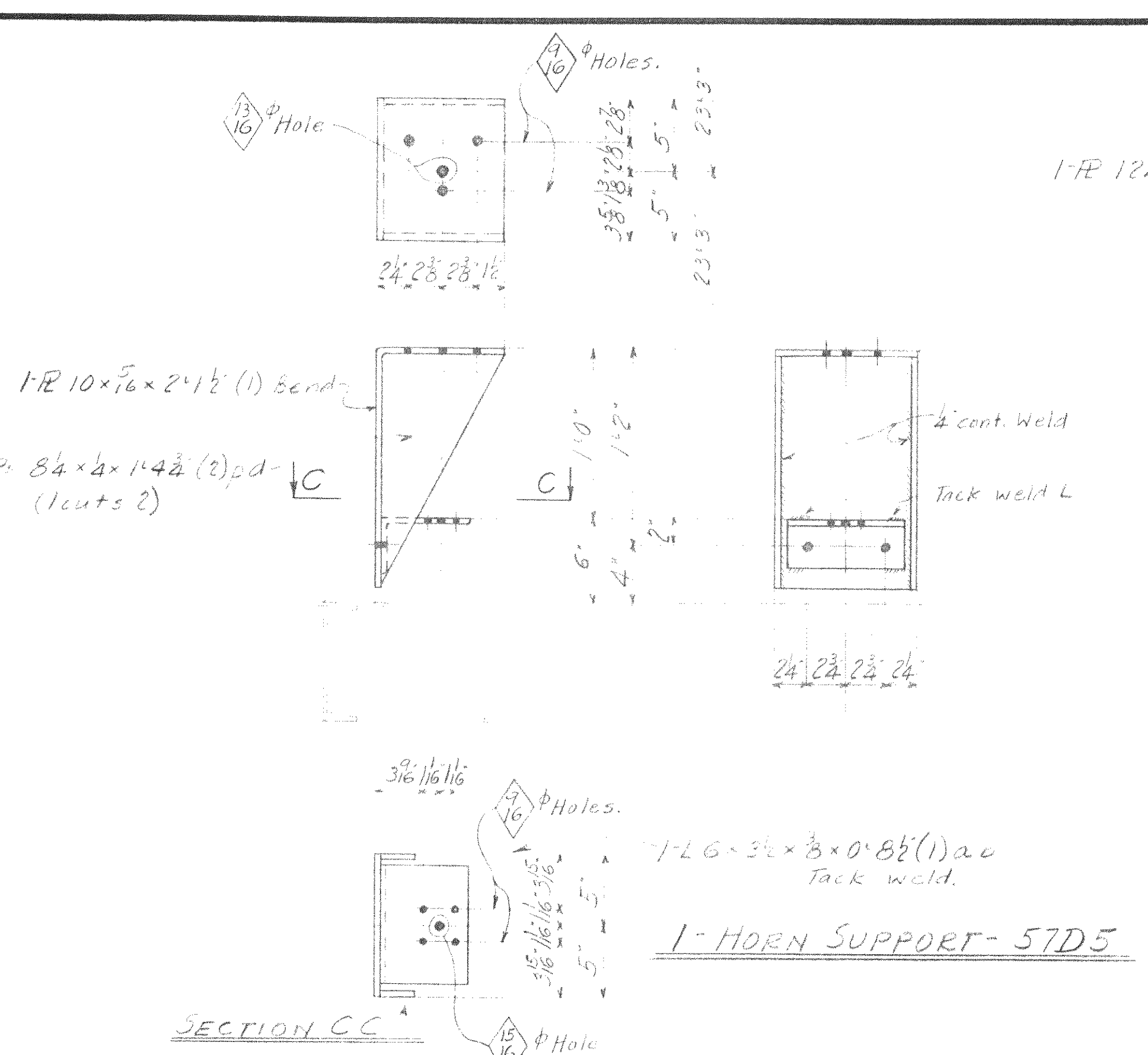
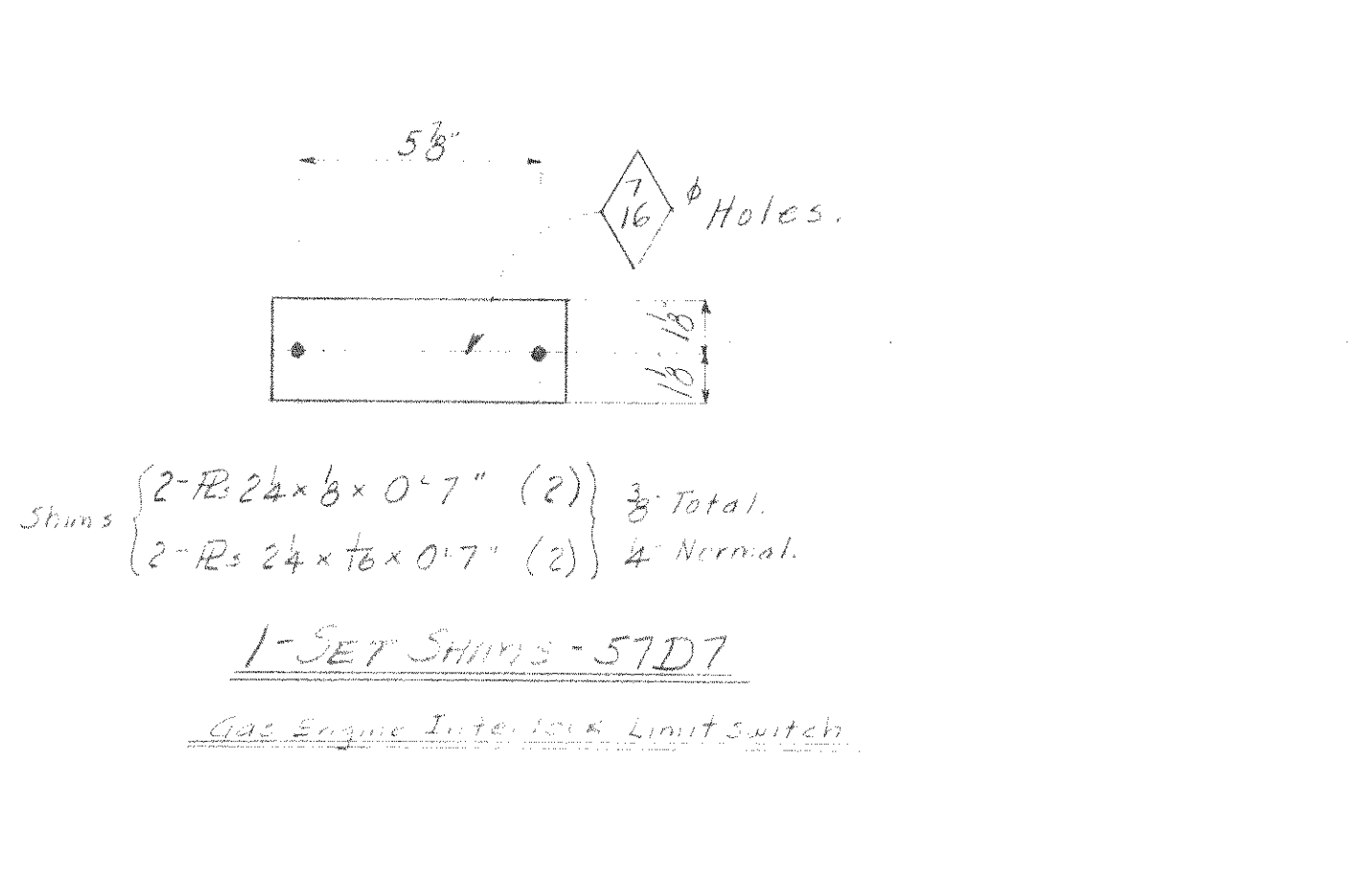
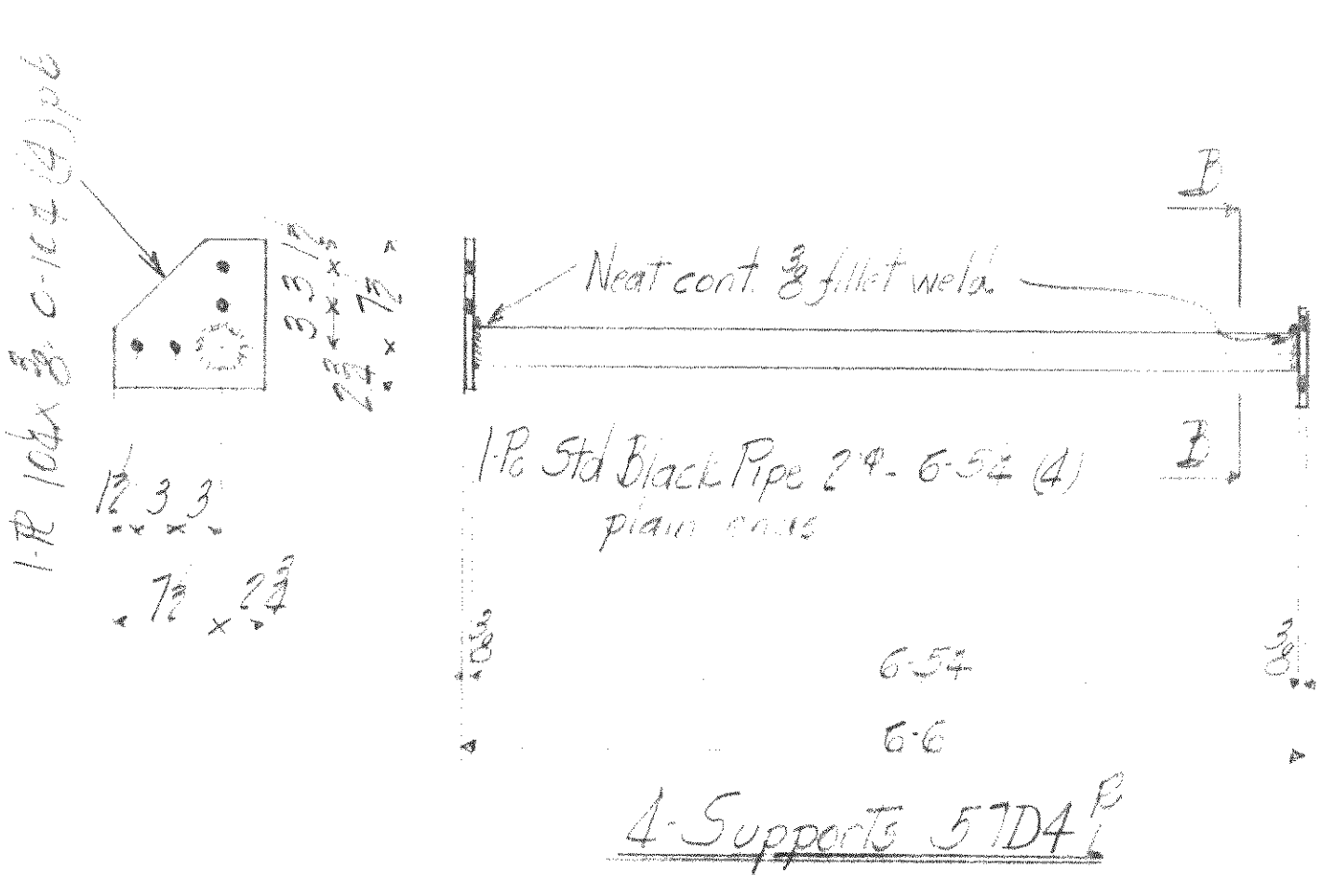
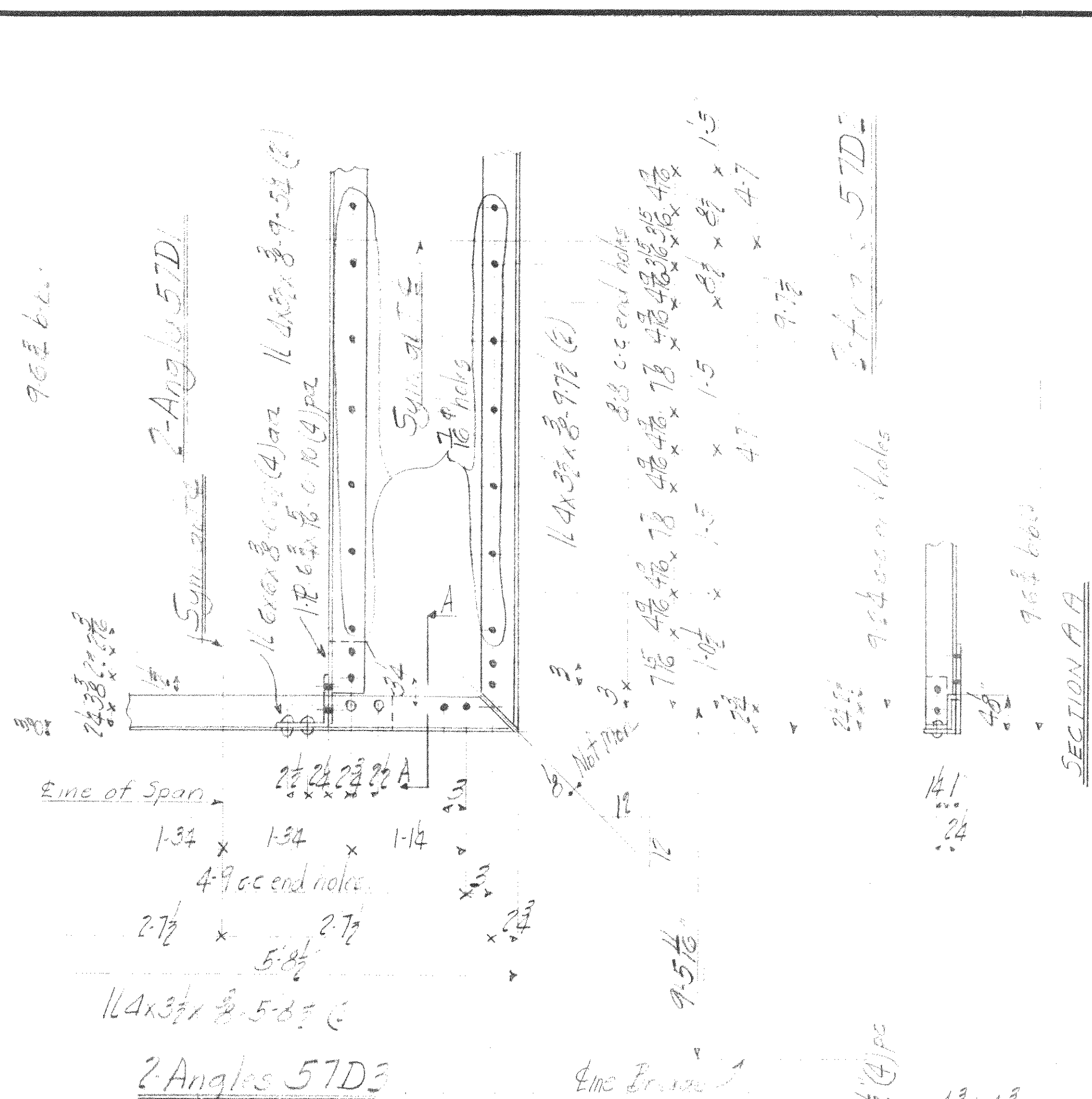
MADE BY Chippewa Falls DATE 1/10/11 RIVETS Chippewa Falls

TRACED BY Chippewa Falls DATE 1/10/11 OPEN HOLES Chippewa Falls

CHECKED BY Chippewa Falls DATE 1/10/11 UNLESS NOTED Chippewa Falls

SCALE SECTION Chippewa Falls SHEET No. 36

CONT. No. 3200



NOTE: Do not touch contact surface shop or field.

Fill material copper bearing shims.

Paint mark for location of bolts.

No.	DESCRIPTION	QUANTITY	REV.
1	2 ANGLES	57D1	MS70
2		57D2	
3		57D3	
4	SUPPORTS	57D4	8
5	HORN SUPPORT	57D5	
6	LIMIT SWITCH SUPPORT	57D6	MS76 31
7	SET SHIMS	57D7	
8	SUPPORT	57D8	MS70

P.W.A. DO NOT NO. 04-1756 F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR CITY OF MILWAUKEE, WIS.

LOCATION: KEATING BRIDGE

DESCRIPTION: BRIDGE REPAIR

DETAILS OF WORK: BRIDGE REPAIR

SPECIFICATIONS: HIGH STRENGTH REINFORCING

INSPECTED BY: W.B. & I.C.

SHOP PAINT: PER SPEC.

FIELD PAINT: PER SPEC.

MADE BY: A.S.J.

TRACED BY: A.S.J.

CHECKED BY: A.S.J.

SCALE: SECTION

DATE: 12-1-40

DATE: 1-2-40

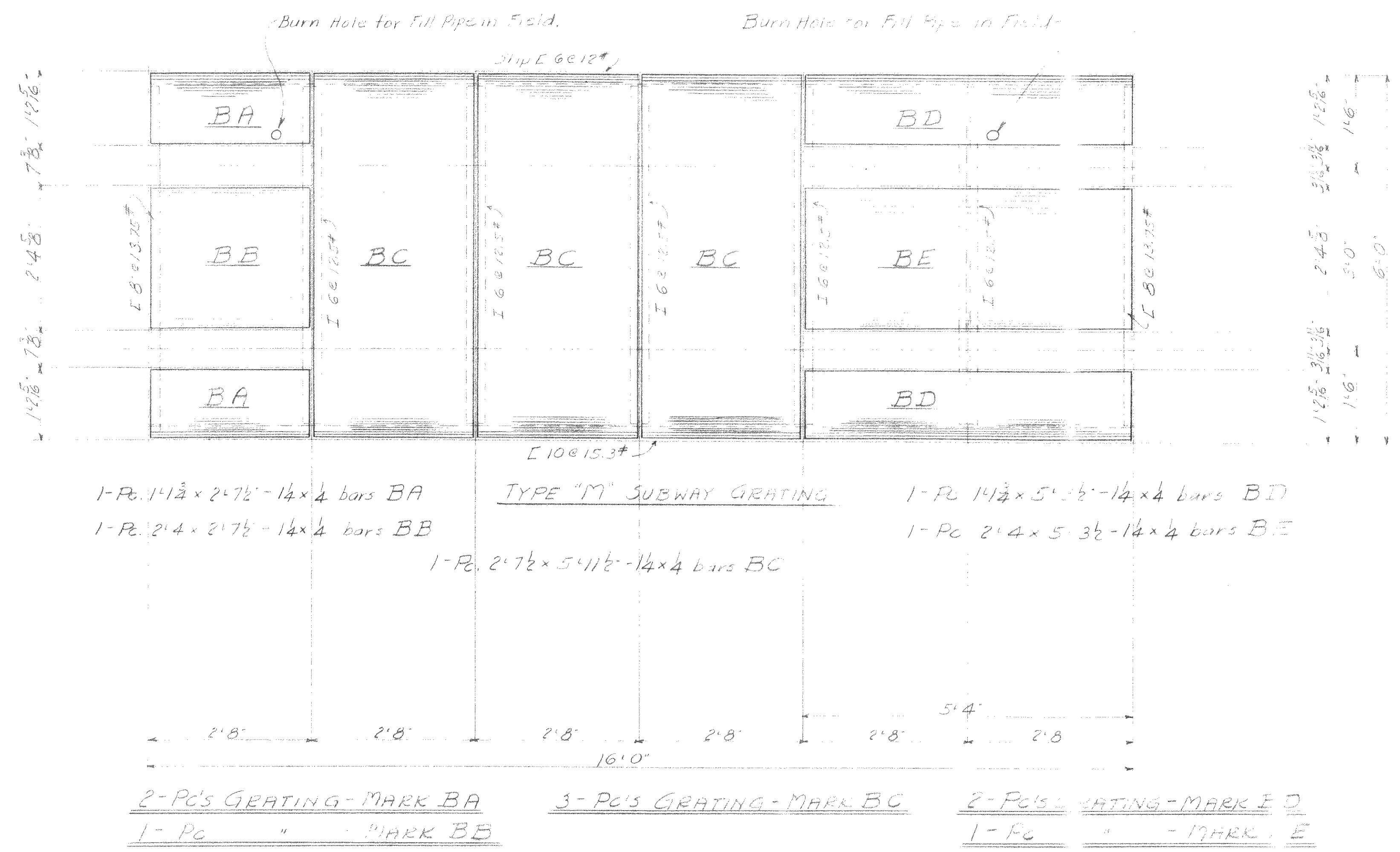
RIVETS: 3/8"

OPEN HOLES: 1/8"

UNLESS NOTED

SHEET No. 57

CONT. 6200



1-Pc 14 1/2 x 2-7/8 - 1/2 x 4 bars BA
 1-Pc 2-4 x 2-7/8 - 1/2 x 4 bars BB
 1-Pc 2-7/8 x 5-1/2 - 1/2 x 4 bars BC
 1-Pc 14 1/2 x 5-1/2 - 1/2 x 4 bars BD
 1-Pc 2-4 x 5-3/8 - 1/2 x 4 bars BE

2-Pcs GRATING-MARK BA	3-Pcs GRATING-MARK BC	2-Pcs GRATING-MARK BD
1-Pc " MARK BB		1-Pc " MARK BE

Material billed on 14527 + 513

NOTES:-
 All erection marks to be painted in red.
 All grating to be as manufactured by Irving Subway Grating Co.

P.W.A. DU RET NO O.H. 1756-F

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

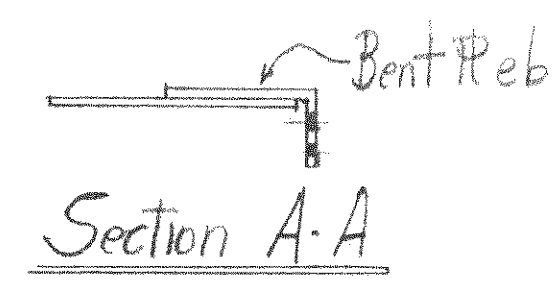
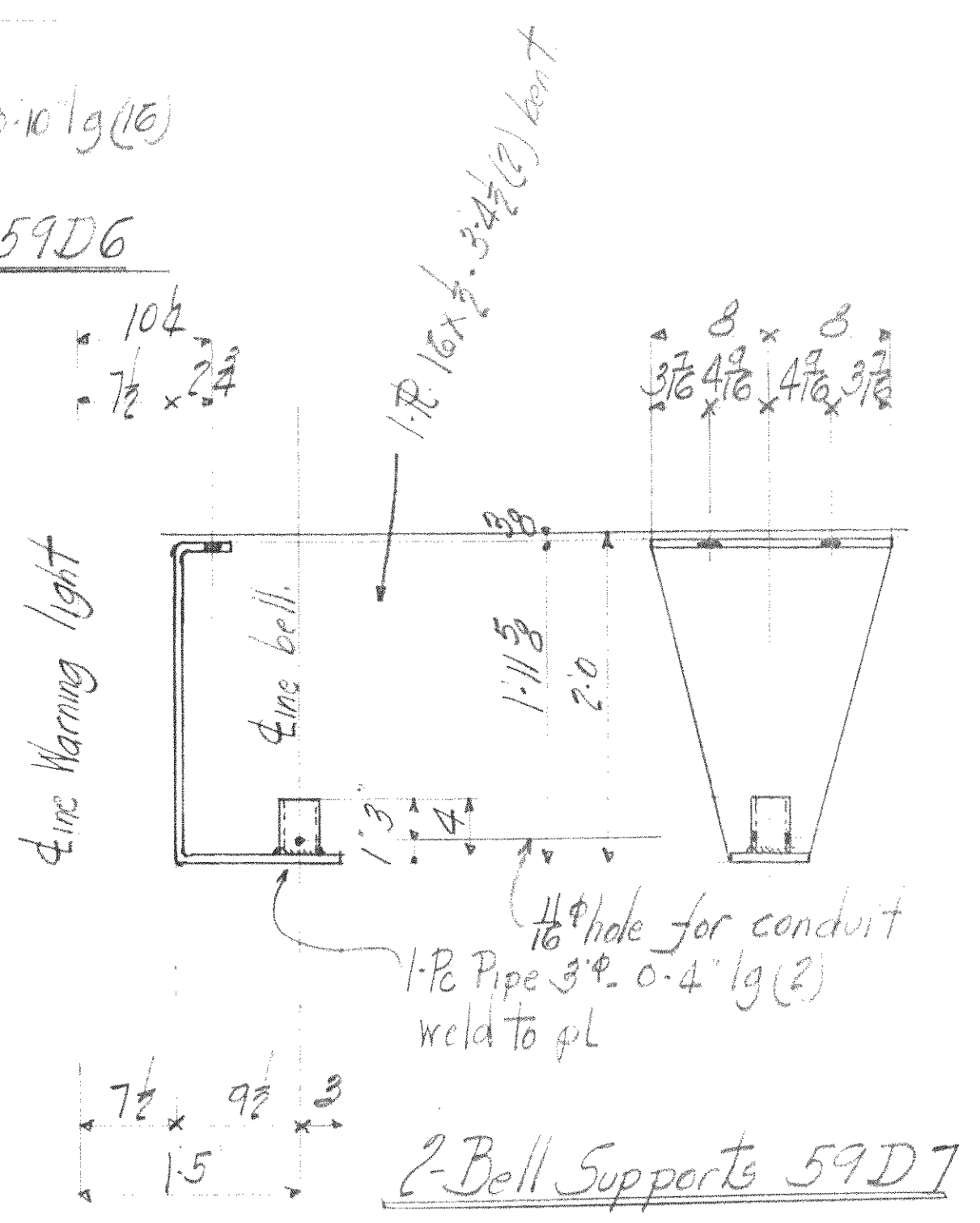
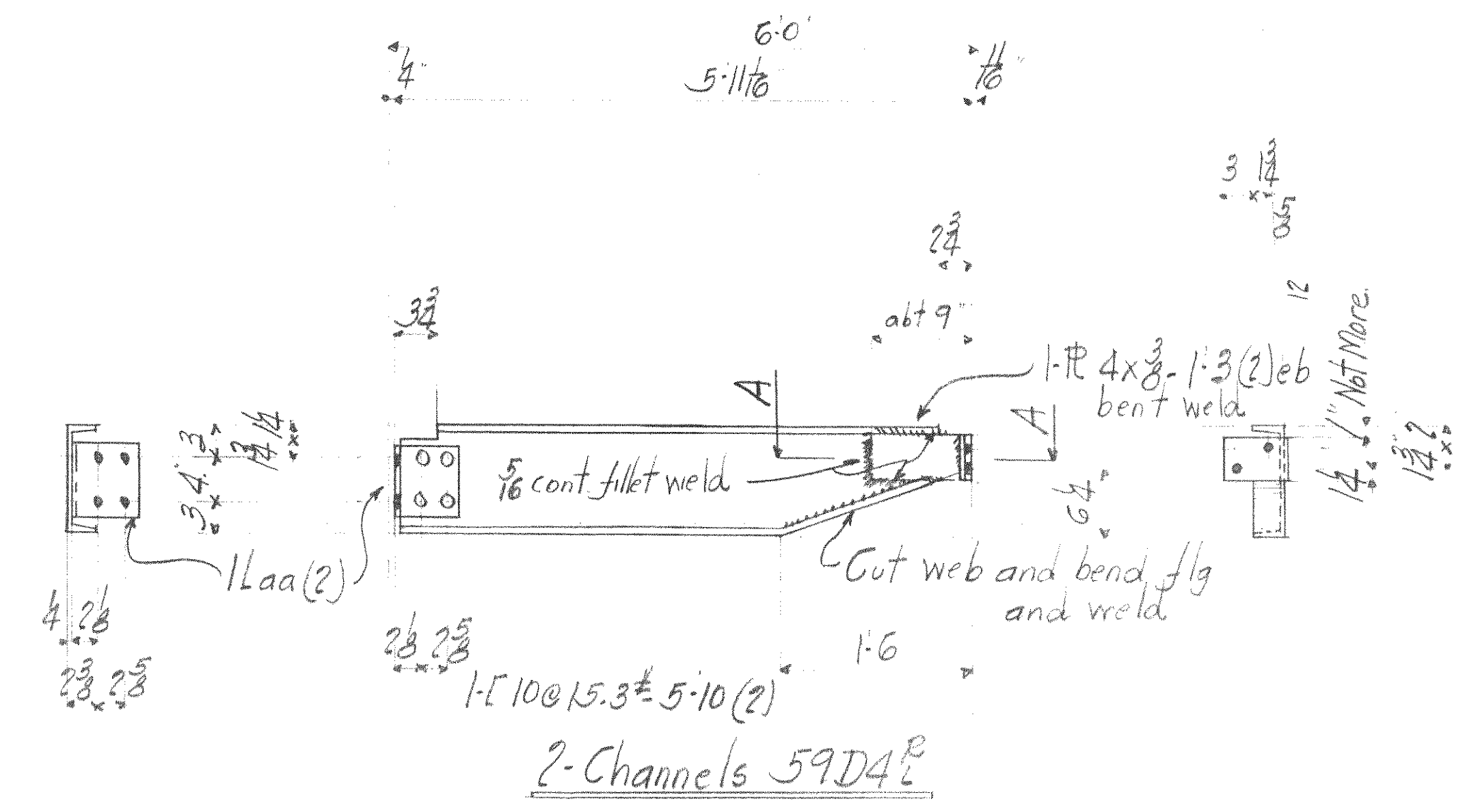
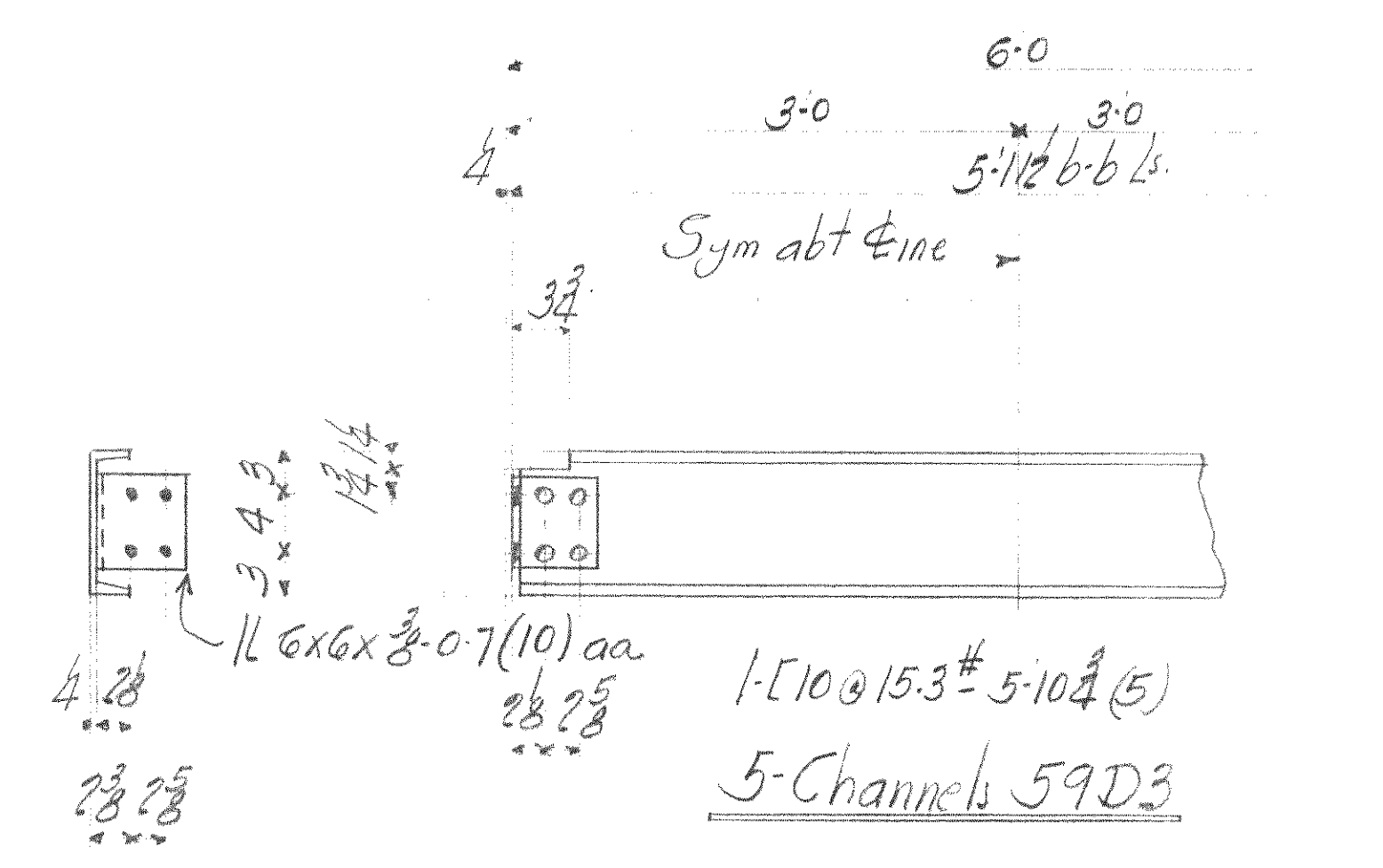
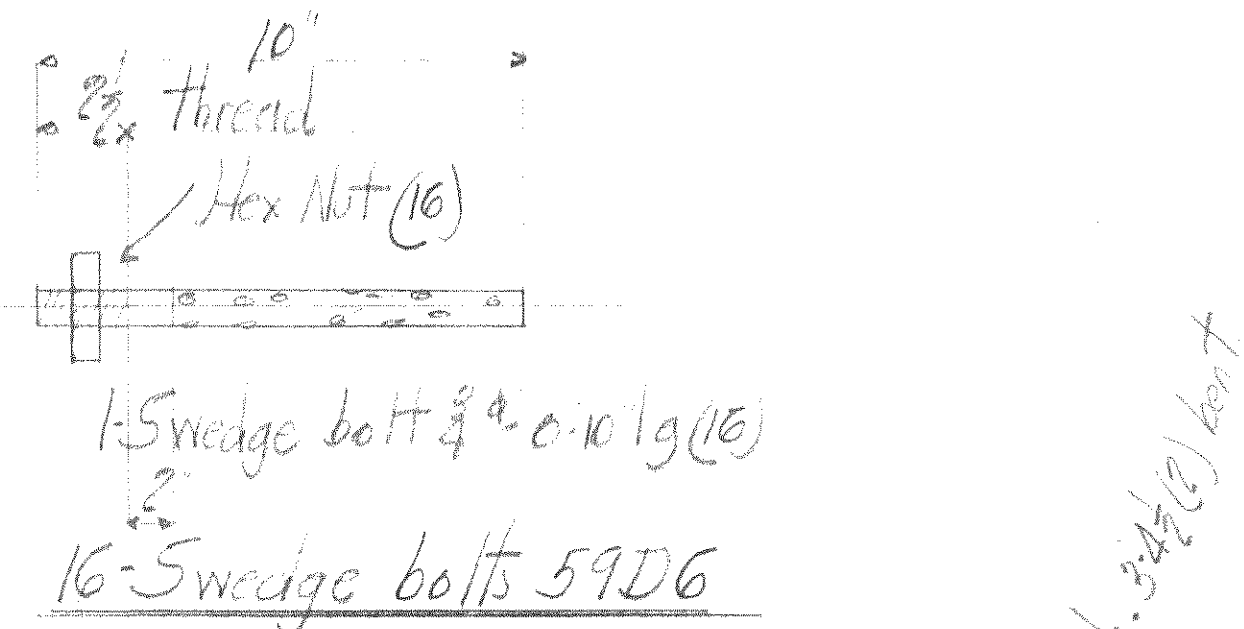
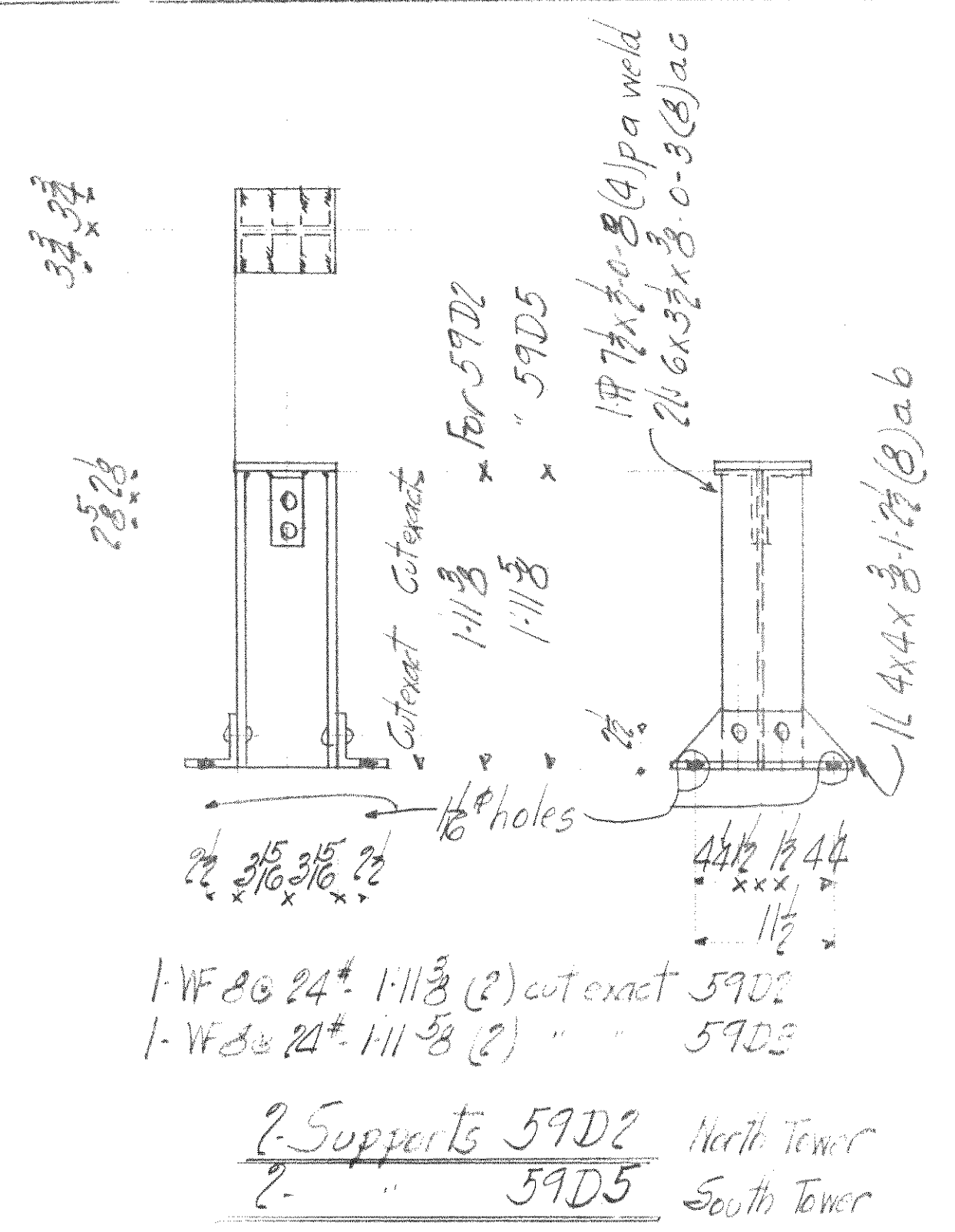
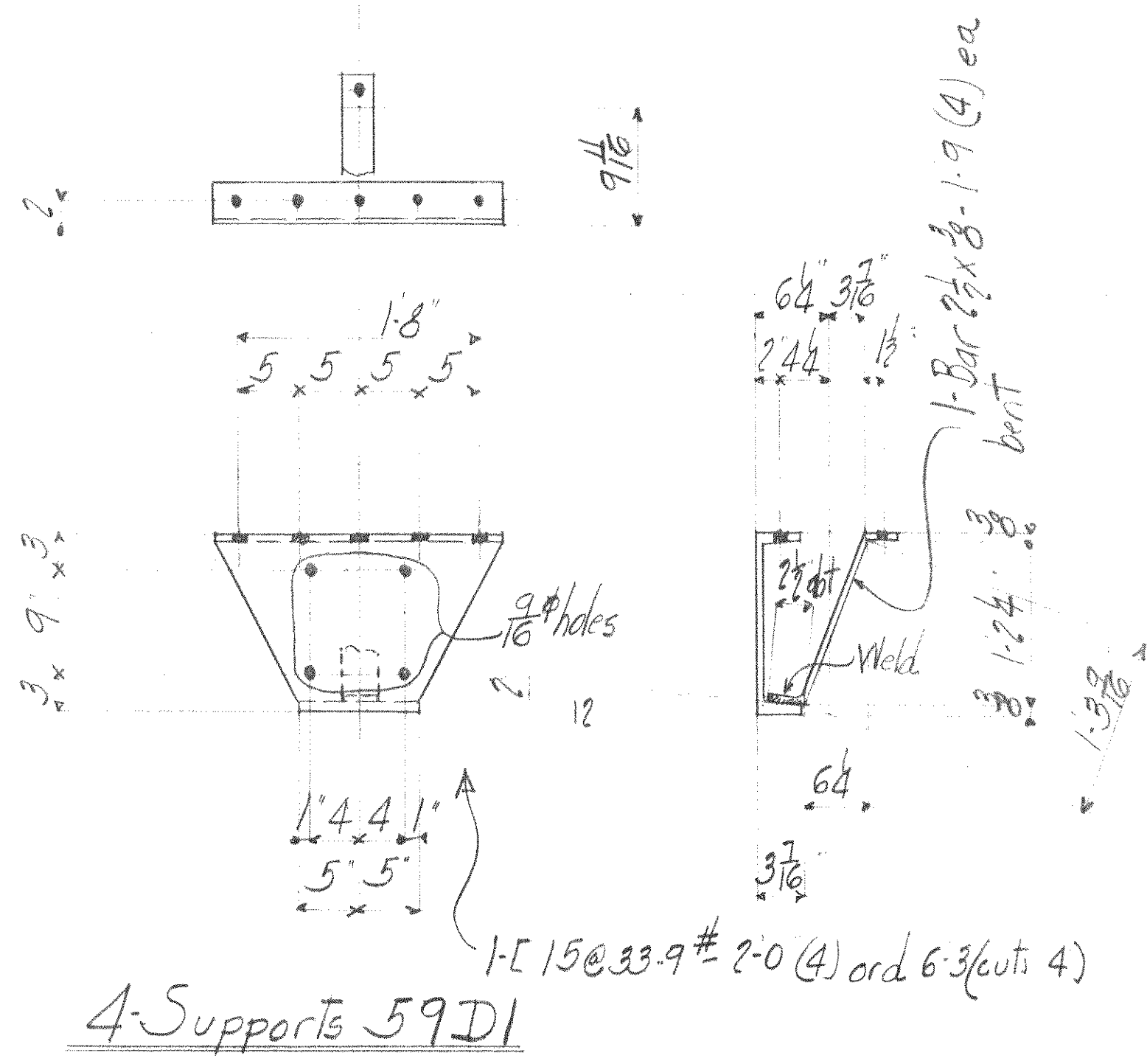
FOR CITY OF CLEVELAND, OHIO
 LOCATION CLEVELAND, OHIO
 DESCRIPTION CLEVELAND ROAD BRIDGE
 DETAILS OF GRATING LIFT SPAN

SPECIFICATIONS C.V.O. STATE REAMING NONE
 INSPECTED BY J.S. HARRISON ERECTED BY WISCONSIN
 SHOP PAINT 3-GAL LENO CARBORATE PER SPEC
 FIELD PAINT 3-GAL PER SPEC

MADE BY Wisco Date 12/12/27 RIVETS
 TRACED BY JFS DATE 12/27/27 OPEN HOLES
 CHECKED BY JFS DATE 12/27/27 UNLESS NOTED

SCALE SECTION C SHEET No. 58
 CONT. No. 6200

Date									
Revised									



Summary of Parts

Section	No.	Description	Mark Mat. Etc.
A	4	Supports	59D1 MBH
"	2	"	59D2 " 12
"	2	"	59D5 " 12
"	5	Channels	59D3 " 40
"	2	"	59D4 MBH 8
"	16	Swedge Bolts	59D6 " 46
"	2	Bell Supports	59D7 " "

P.W.A. Docket No. O.H. 1756-F

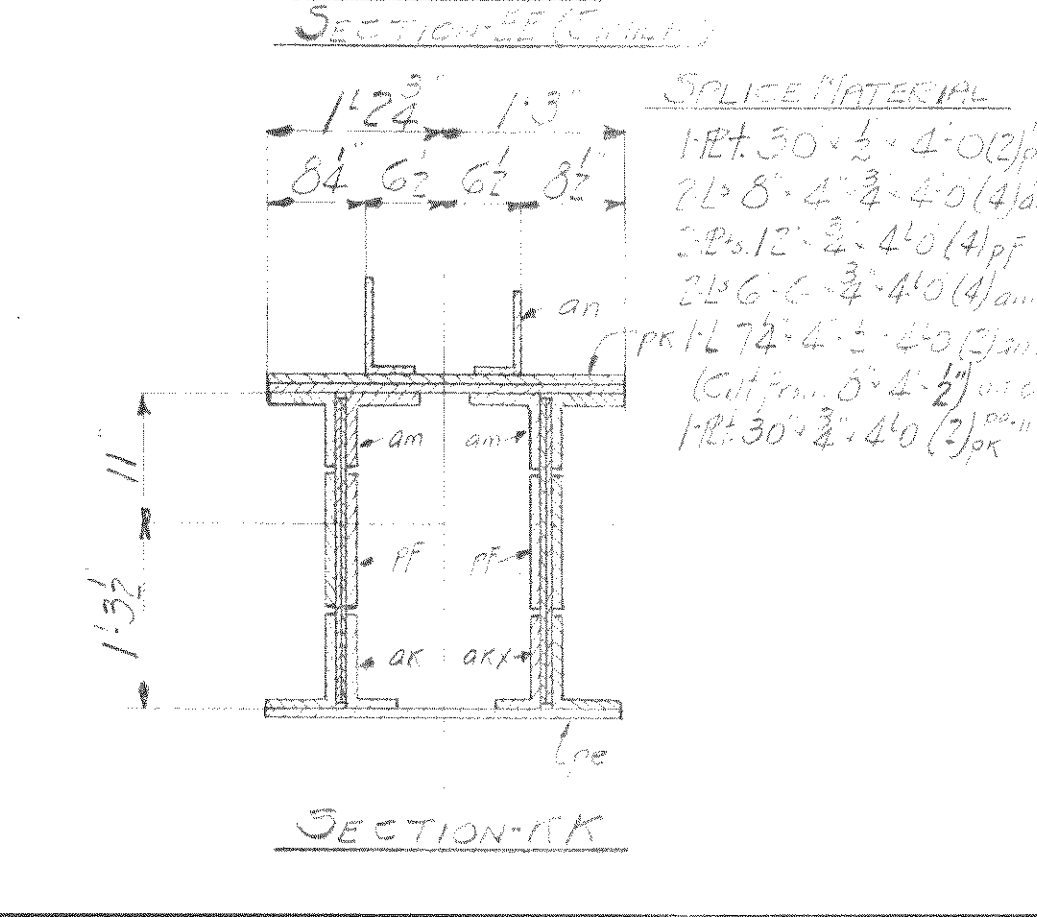
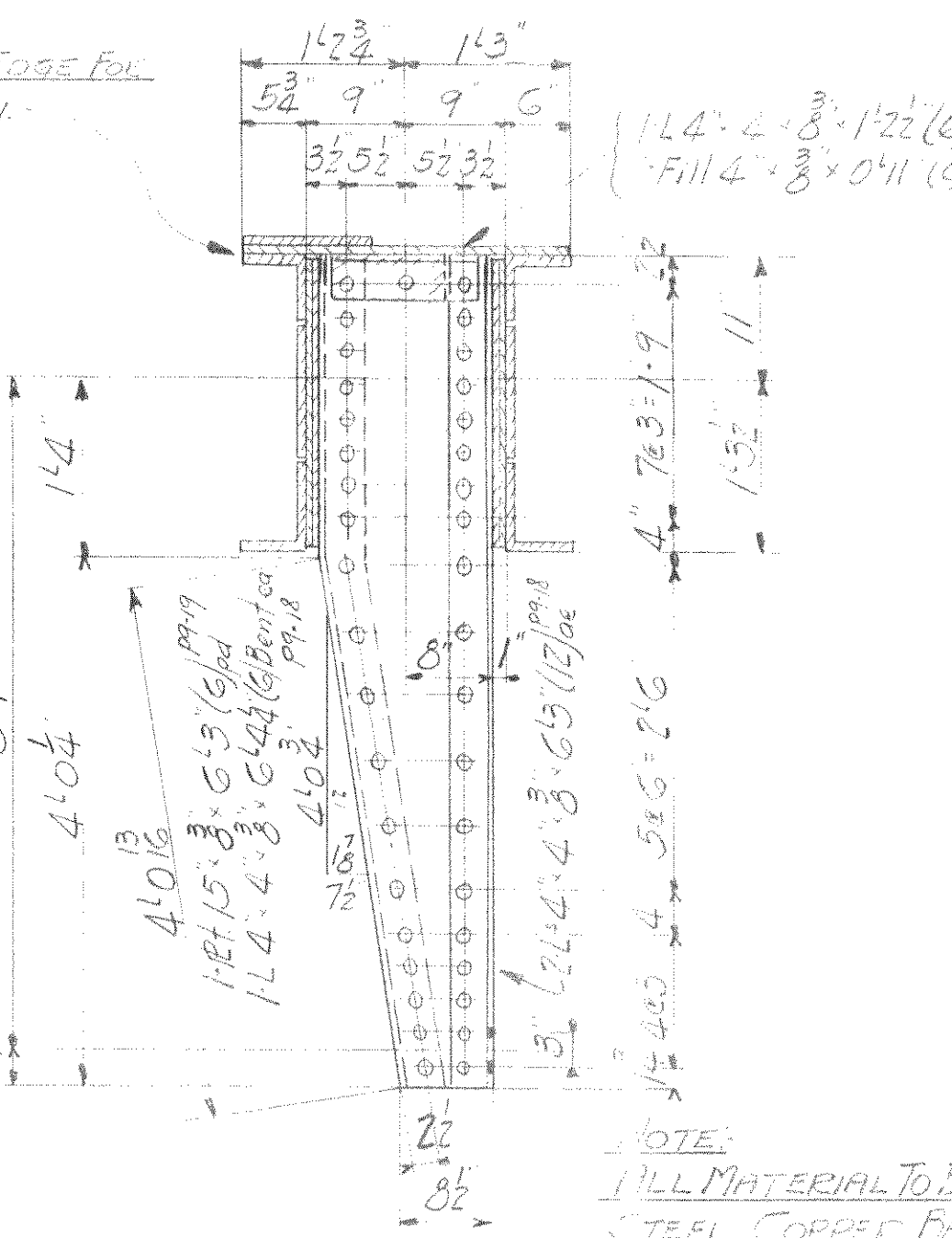
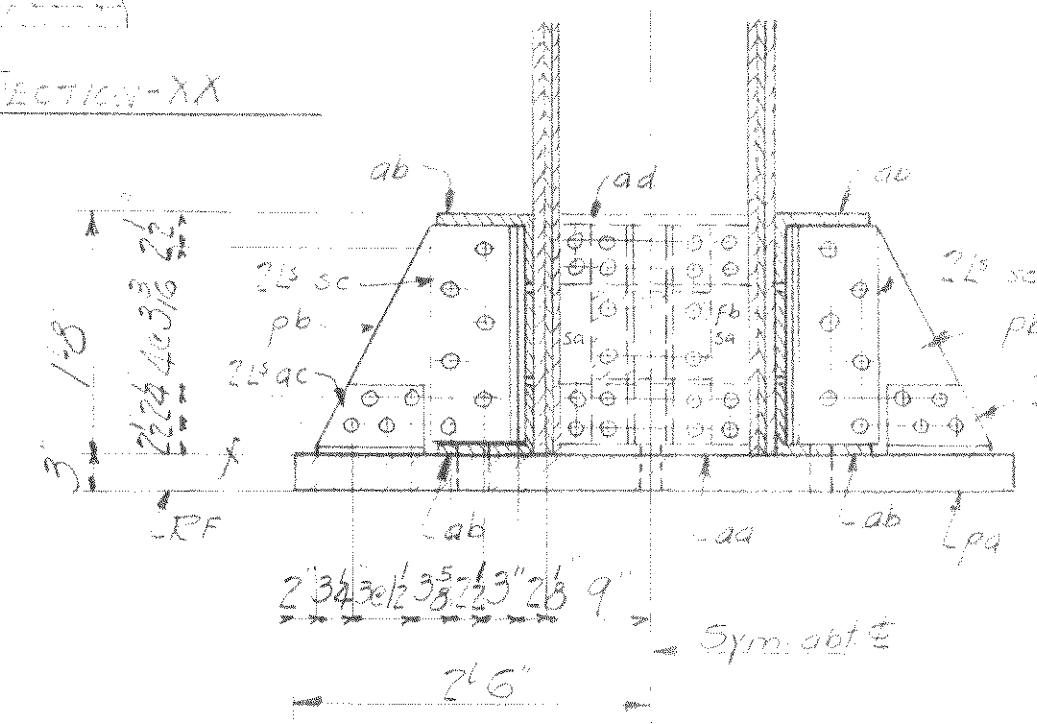
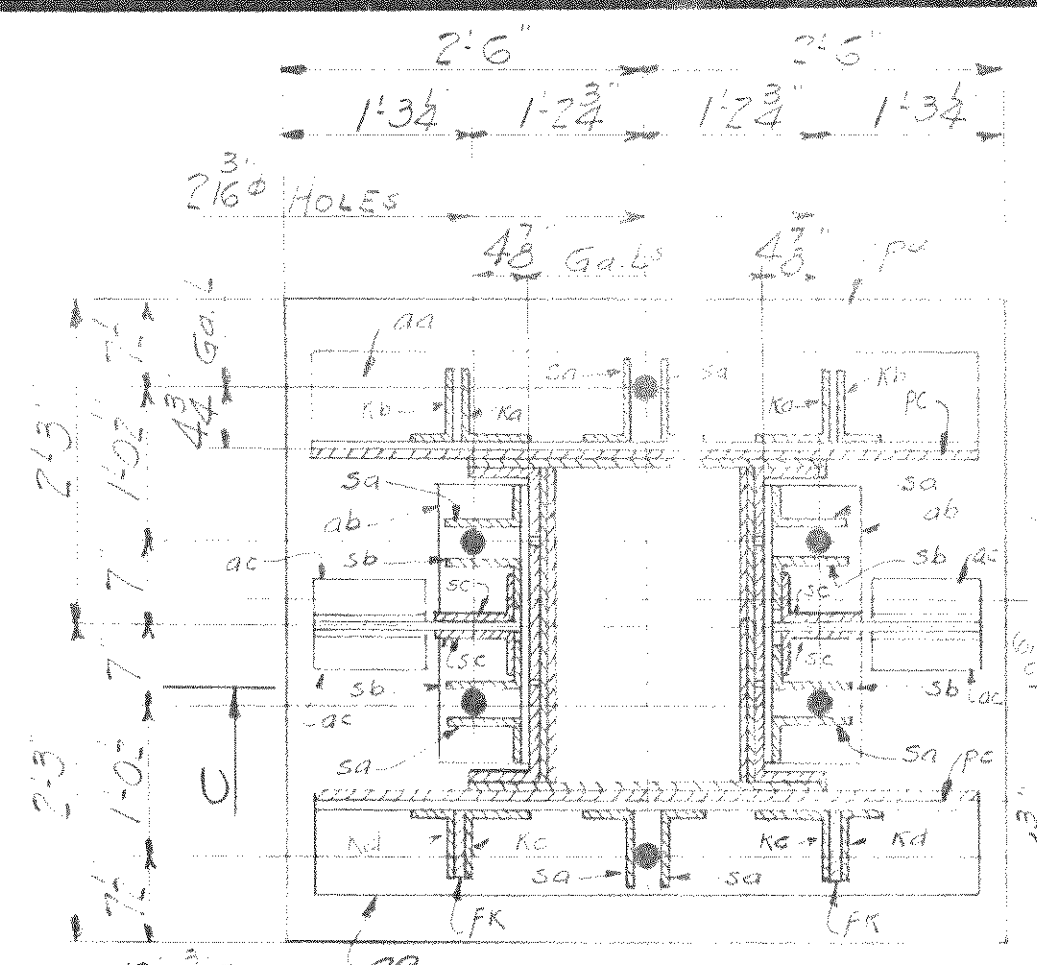
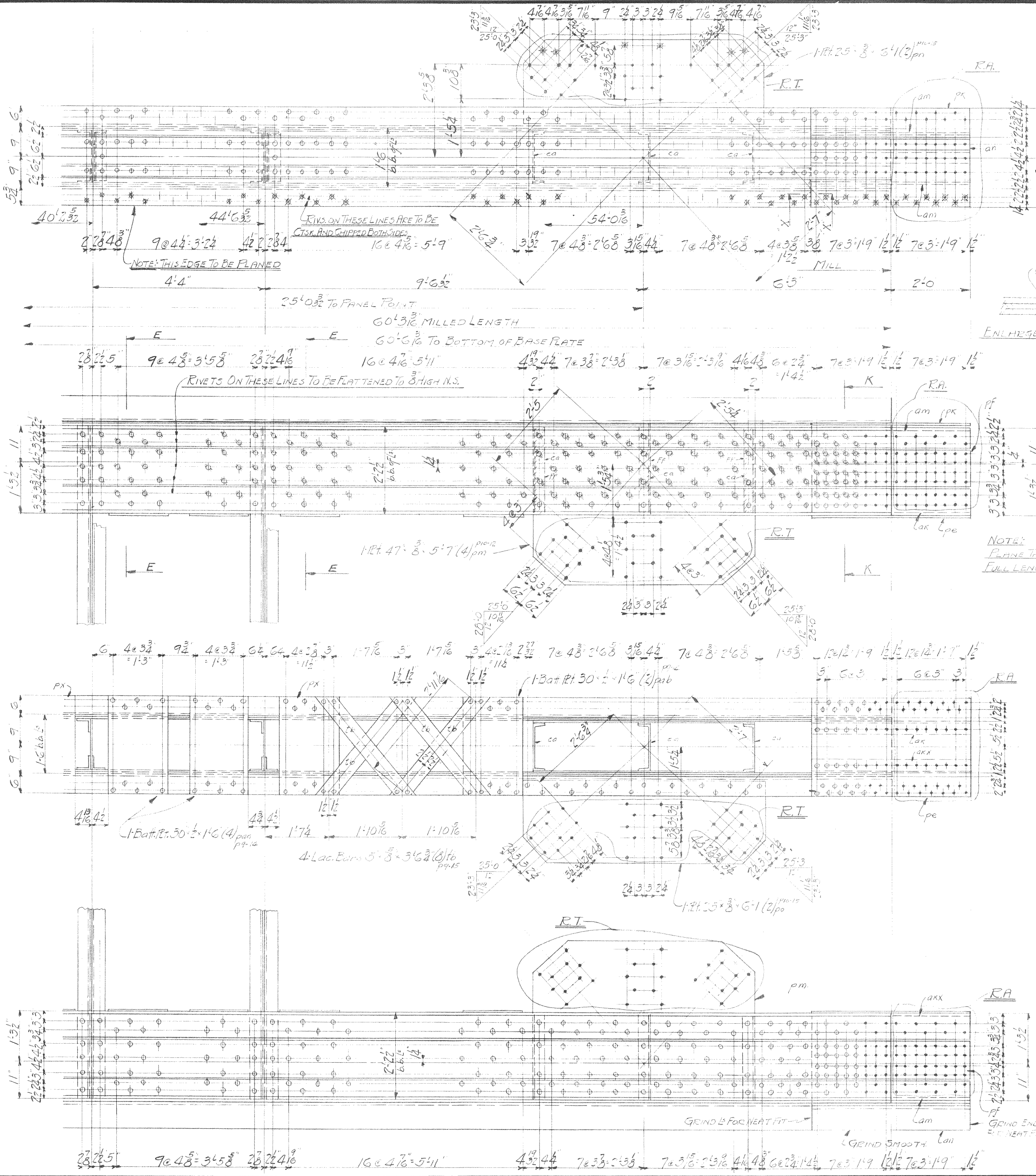
WISCONSIN BRIDGE & IRON CO.

City of Cleveland, Ohio	
Columbus Road Bridge	
Misc. Steel	None
Special provisions	WB4 Co.
A.F. Herron	
1-Ct. lead chromate (per spec) see Note	
3-Cts per spec	
Schumann	1-16-40
H.S.	1-16-40

No paint on contact surfaces, shop a field.
Paint Marks for section A to be in yellow.

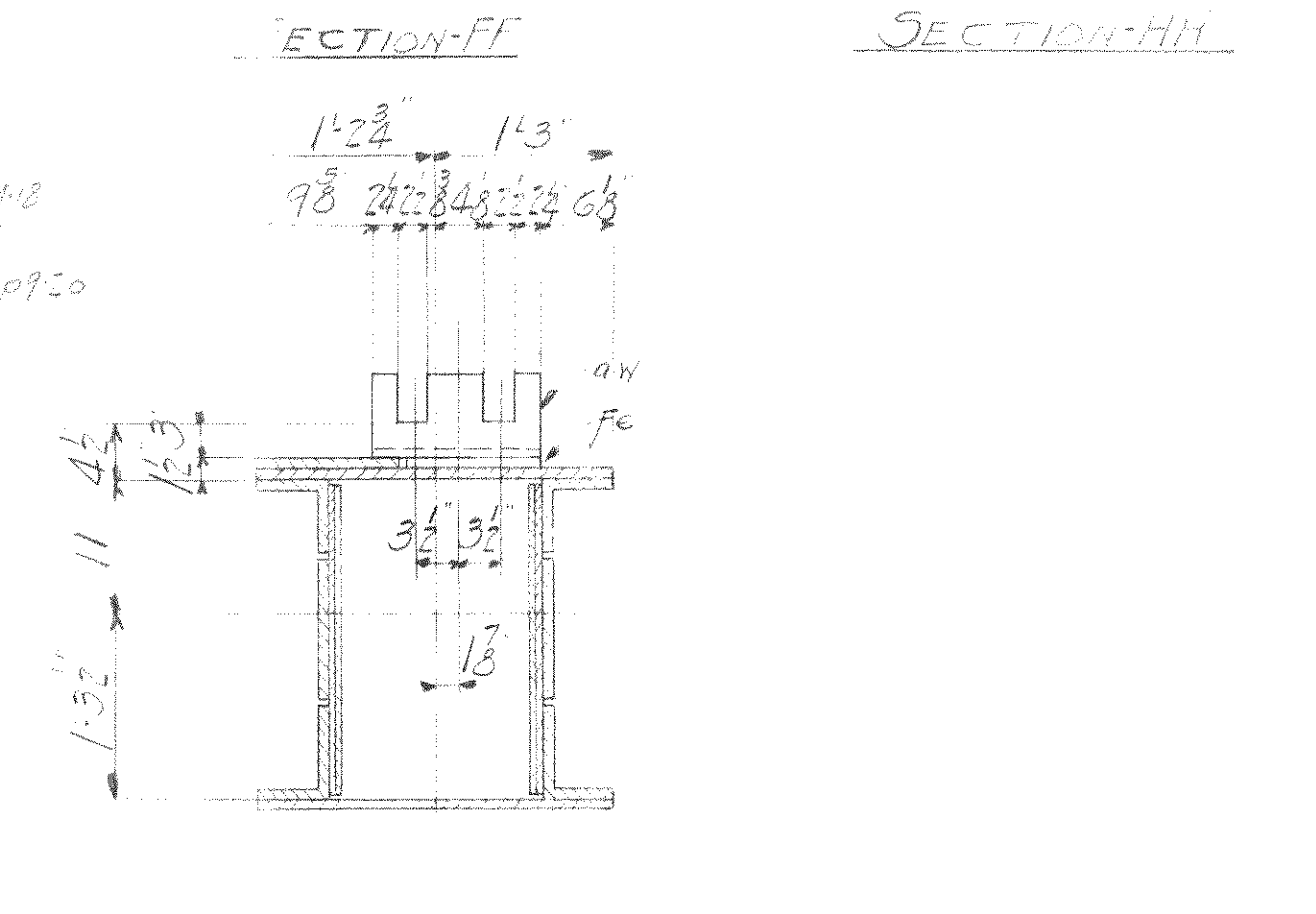
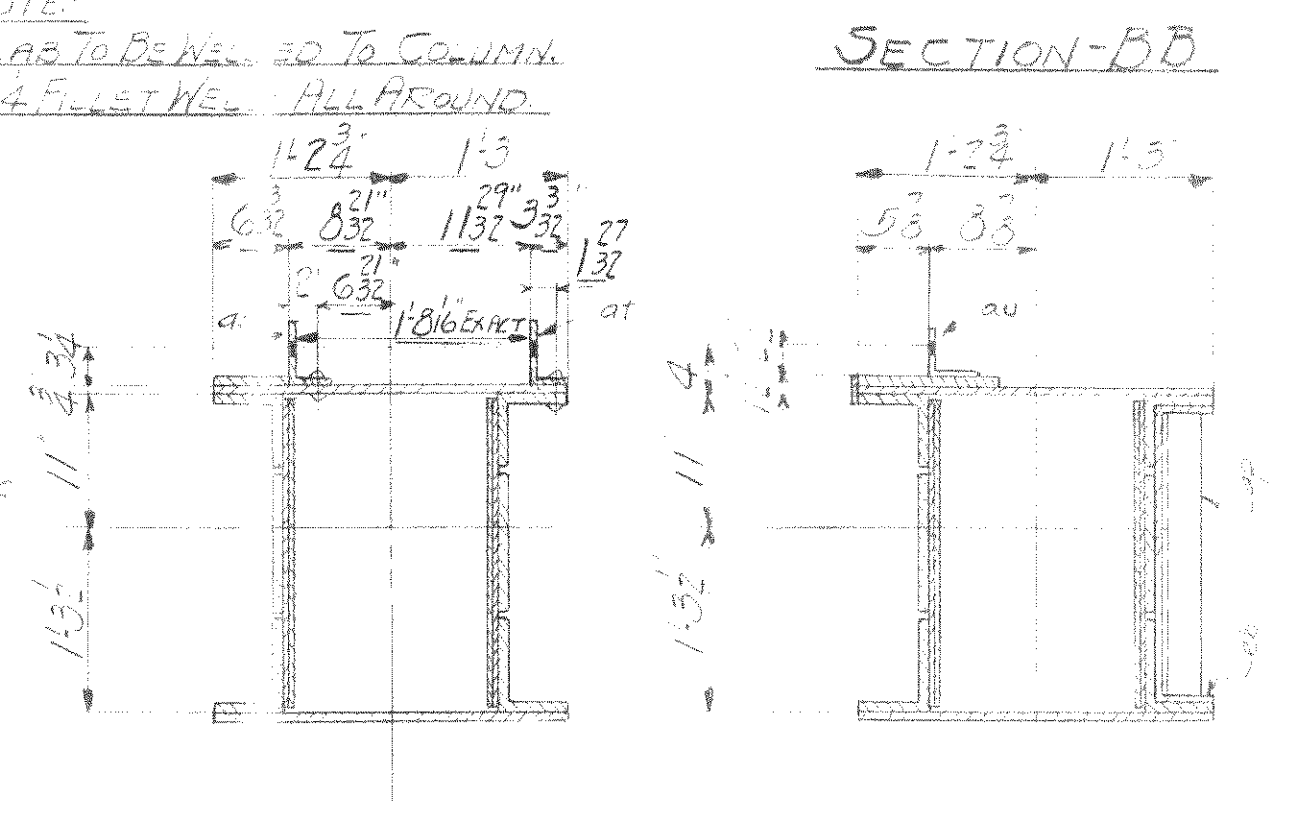
All material carbon steel copper bearing.

6200



BASE MATERIAL

1-5LAB	33'-5-0 (5) ps
(FINIS)	54'-3-5 (5)
2-8-3	4'-8 (4) ps
4-8-3	2'-2-2 (8) ps
8-5-11	4'-1-7 (4) ps
4	4'-1-7 (4) ps
2-Fills	2'-0-0 (4) ps
2-Fills	2'-1-5 (4) ps
4-3-11	2'-0-9 (8) ps
4-3-11	4'-3-1-7 (8) ps
2-8-6	2'-1-7 (4) ps
2-8-6	2'-1-5 (4) ps
2-8-6	2'-1-7 (4) ps
2-8-6	2'-1-5 (4) ps
2-8-6	2'-1-5 (4) ps
2-8-6	2'-1-5 (4) ps



SHOP NOTES:

WORK THIS SHEET WITH SHEET #3

NO PAINT ON CONTACT SURFACES, SHOP OR FIELD.

SURFACES INACCESSIBLE AFTER ASSEMBLY OR SECTION SHALL BE GIVEN COATS OF SHOP PAINT.

ALL HOLES IN MAIN MATERIAL SHALL BE SUB-FINISHED & SMALL AND REAMED TO SIZE OR DRILLED FROM THE SOUND.

HOLES MARKED 'I' ARE TO BE DRILLED TO PERMITS.

HOLES MARKED 'R' ARE TO BE DRILLED OR DRILLED ASSEMBLED.

PAINT MARKS FOR SECT. D TO BE BLACK.

F.W.A. DRAWING NO. OH-1756-F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

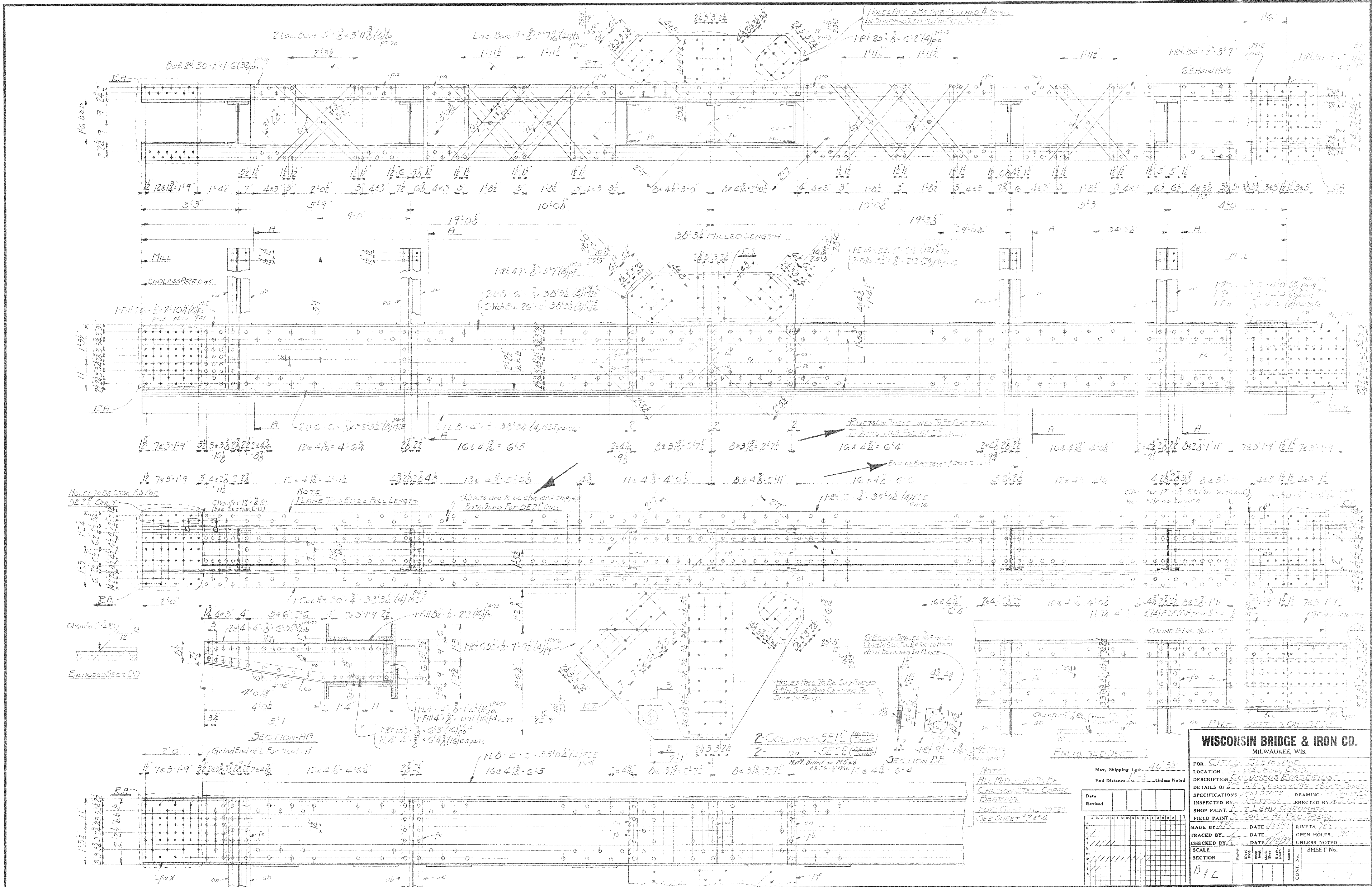
FOR CITY OF CLEVELAND, OHIO
LOCATION CLEVELAND, OHIO
DESCRIPTION COLUMBUS ROAD BRIDGE
DETAILS OF CONNECTION (GOUTH TOWERS)

SPECIFICATIONS OHIO STATE REAMING SEE NOTE
INSPECTED BY J.H. HERRICK ERECTED BY H.B. HERRICK
SHOP PAINT 3 COAT LEAD ZINC CHROMATE
FIELD PAINT 3 COAT LEAD ZINC CHROMATE

MADE BY J. GREEN DATE 8-22-27 RIVETS 7/8
TRACED BY J. GREEN DATE 8-22-27 OPEN HOLES 7/8
CHECKED BY M.A. DATE 8-22-27 UNLESS NOTED

SCALE SECTION SHEET No. 4

CONT. No. 6201



WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR CITY OF CLEVELAND
LOCATION: CLEVELAND, OHIO
DESCRIPTION: COLUMBUS ROAD BRIDGE
DETAILS OF THE GIRDER CONNECTIONS (NOT TO SCALE)
SPECIFICATIONS: MILD STEEL REAMING SEE SHEET 2114
INSPECTED BY: M. J. LEONARD
ERECTED BY: M. J. LEONARD
SHOP PAINT: 1/2 LEAD CHROMATE
FIELD PAINT: 2 COATS AS PER SPEC.

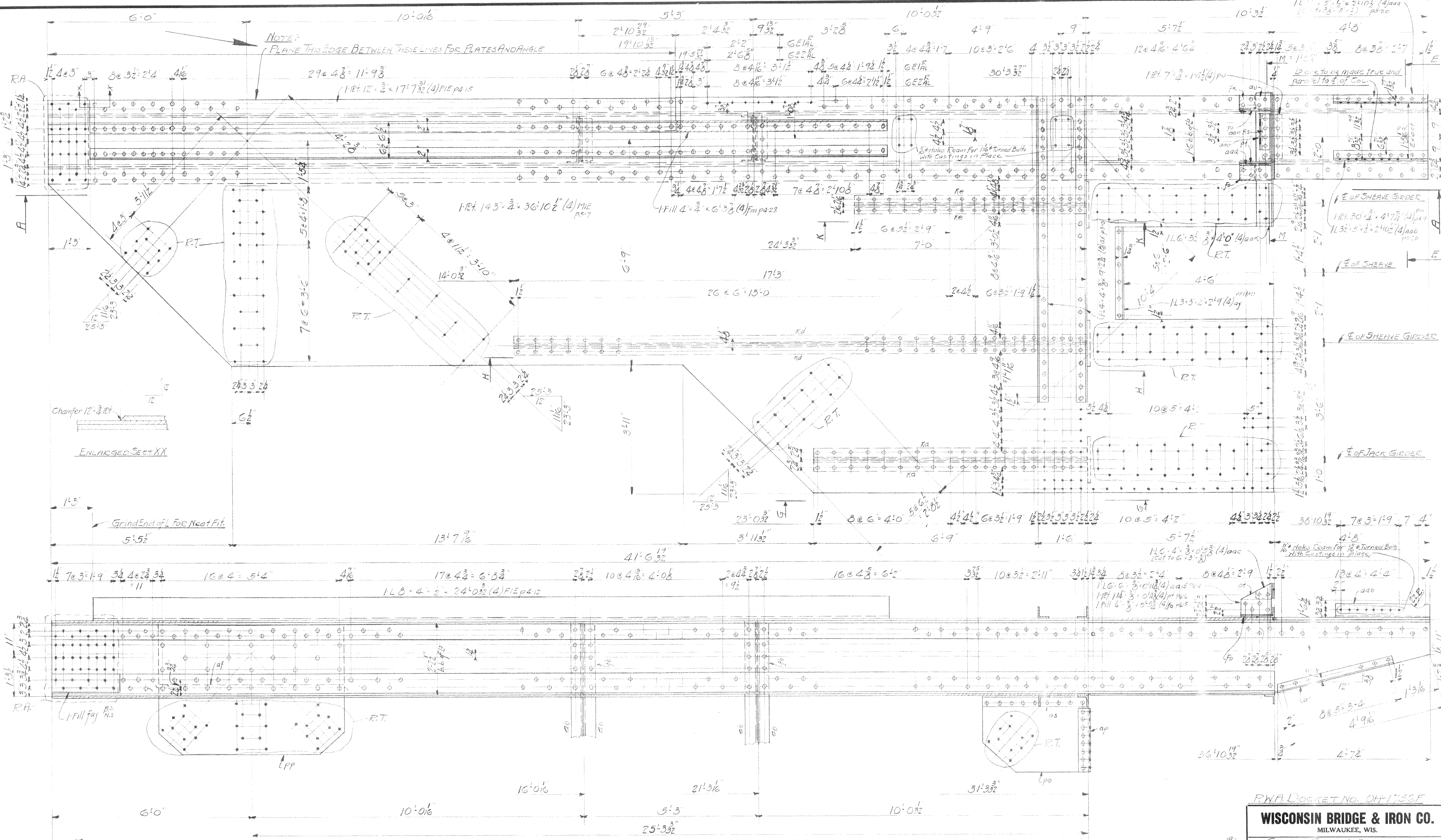
MADE BY: J.P.C. DATE: 1/19/17
TRACED BY: J.P.C. DATE: 1/19/17
CHECKED BY: J.P.C. DATE: 1/19/17
SCALE: SECTION B & E

DATE: 1/19/17
REVISED: 1/19/17

Max. Shipping Lgth: 40' 3/4"
End Distance: 12' 4" Unless Noted

NO.	DATE	REVISION
1	1/19/17	ISSUED
2	1/19/17	REVISED
3	1/19/17	REVISED
4	1/19/17	REVISED
5	1/19/17	REVISED
6	1/19/17	REVISED
7	1/19/17	REVISED
8	1/19/17	REVISED
9	1/19/17	REVISED
10	1/19/17	REVISED

CONT. No. 2111



PWA DOCKET NO. OH-1-356F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR: CITY OF CLEVELAND
LOCATION: CLEVELAND, OHIO
DESCRIPTION: COLUMBUS ROAD BRIDGE
DETAILS OF: 380' I.B.S. COLUMNS (NORTH & SOUTH TOWERS)
SPECIFICATIONS: OHIO STATE
INSPECTED BY: [Signature]
SHOP PAINT: 1/2" LEAD CHROMATE
FIELD PAINT: 3/4" CS AS PER SPEC.

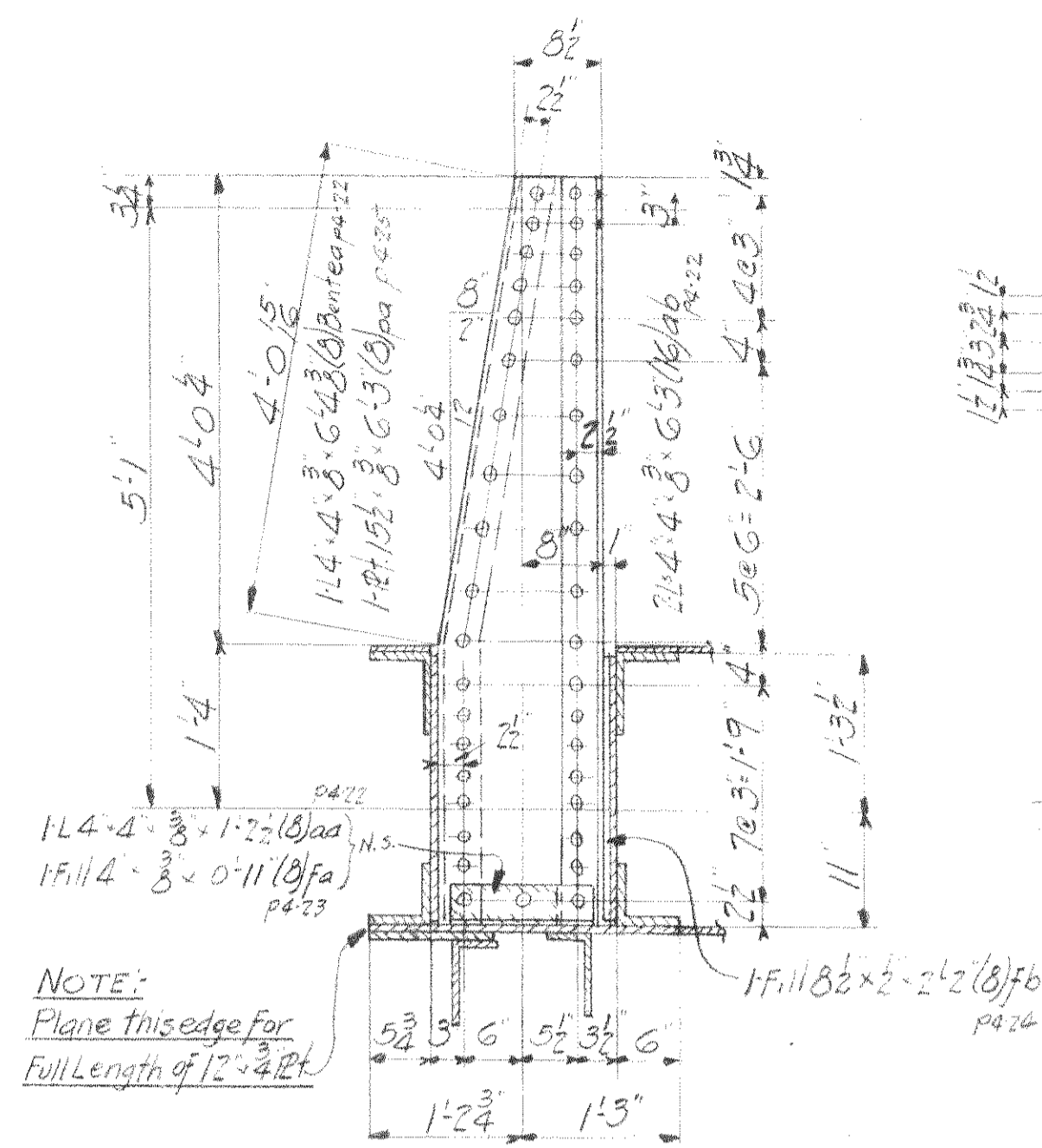
Max. Shipping Lgth. 41'-6"
End Distance: 16'-8" Unless Noted

Date	Revised

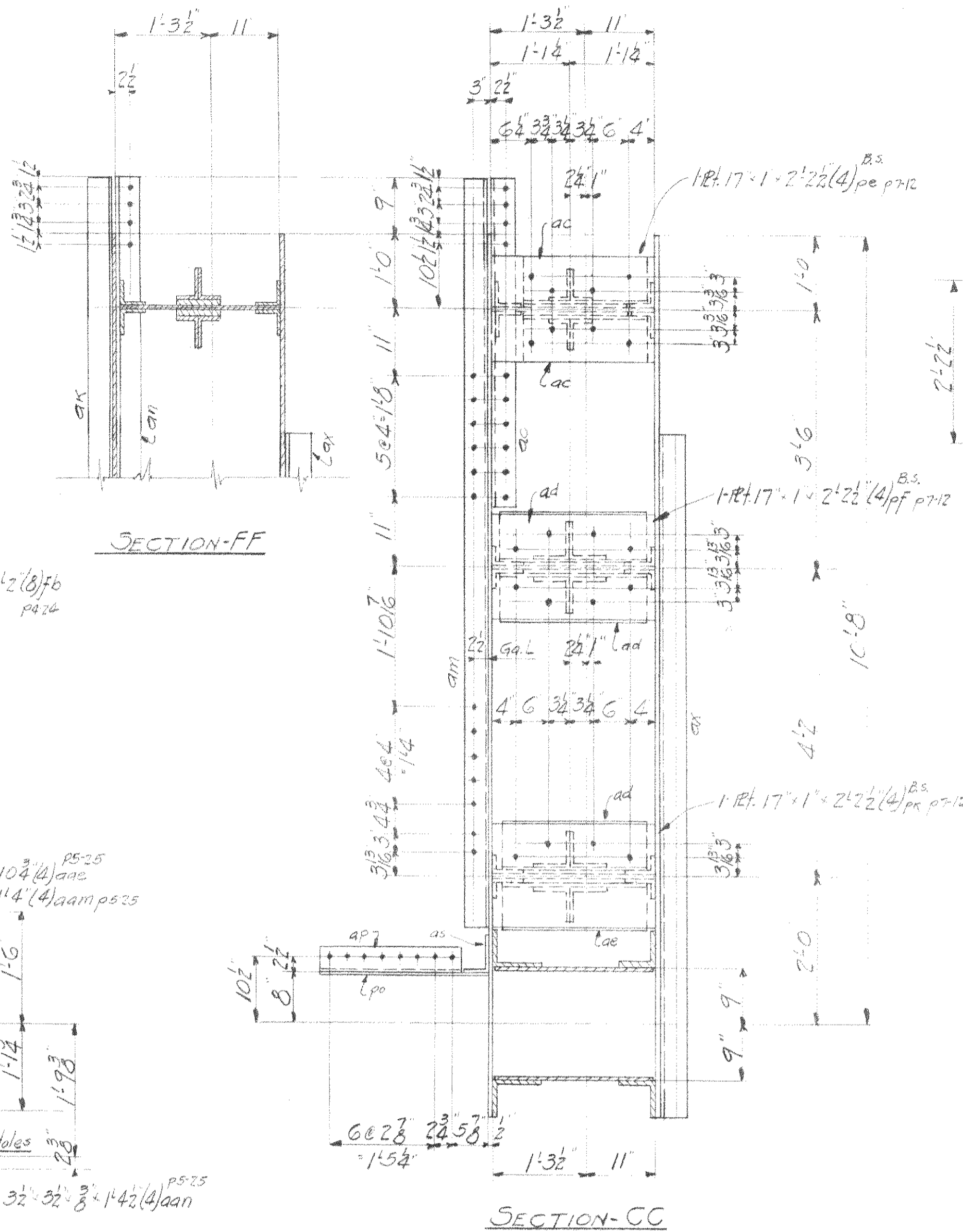
MADE BY: [Signature]	DATE: 9-2-20	RIVETS: 7/8"
TRACED BY: [Signature]	DATE: 11-11-20	OPEN HOLES: 3/4"
CHECKED BY: [Signature]	DATE: 11-11-20	UNLESS NOTED

SCALE	SECTION	CONT. No.	SHEET No.
1/4" = 1'-0"	B 9 E	7	7

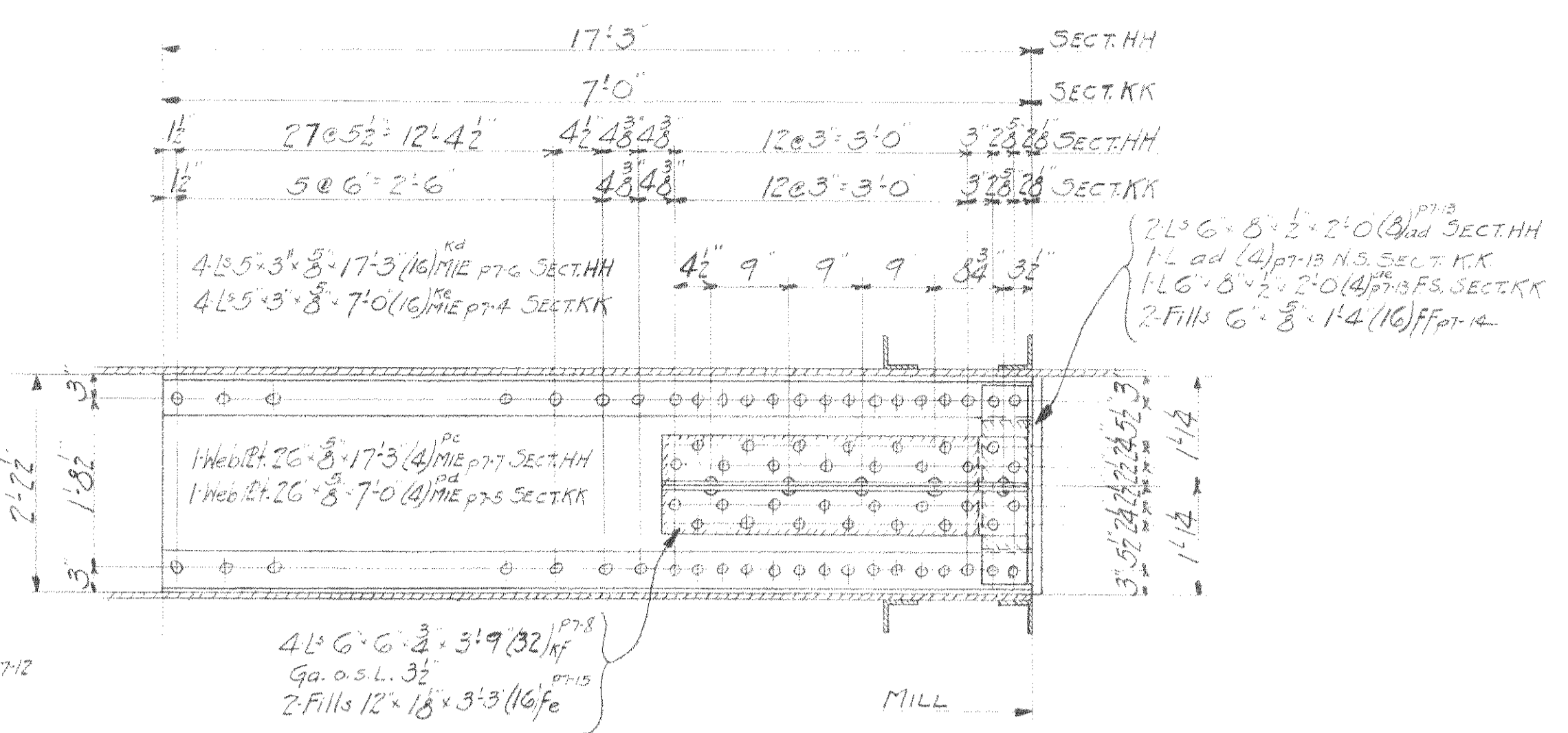
CONT. No. G201



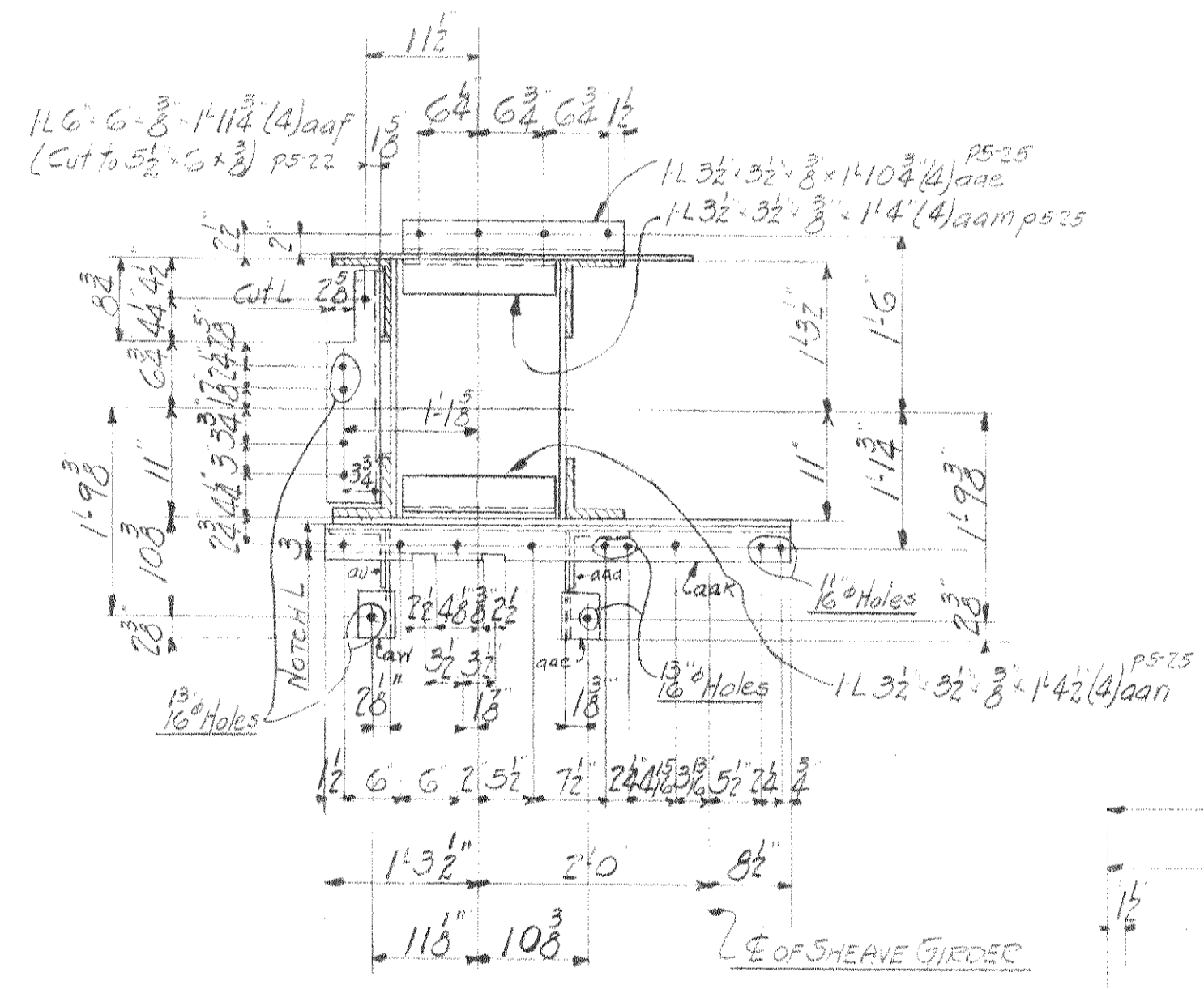
SECTION-BB



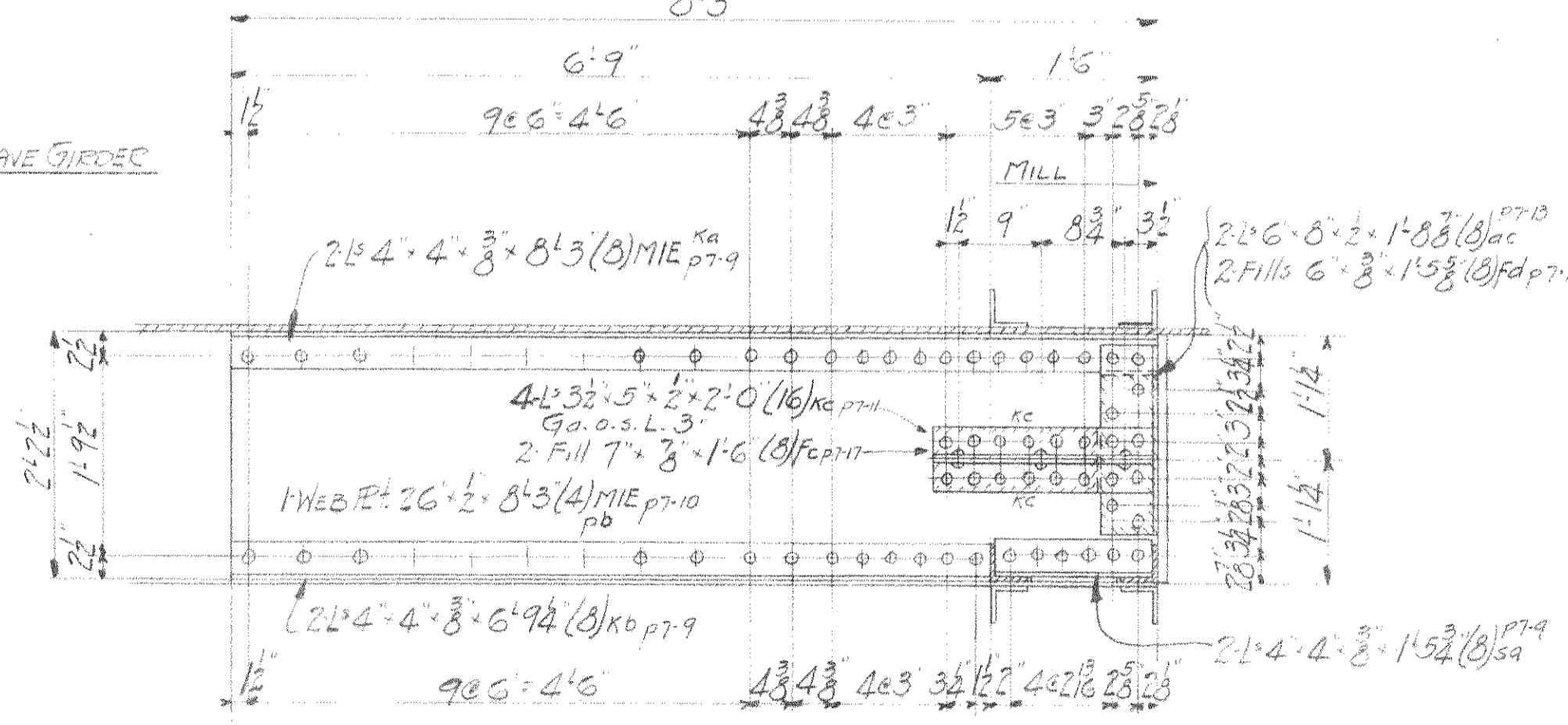
SECTION-CC



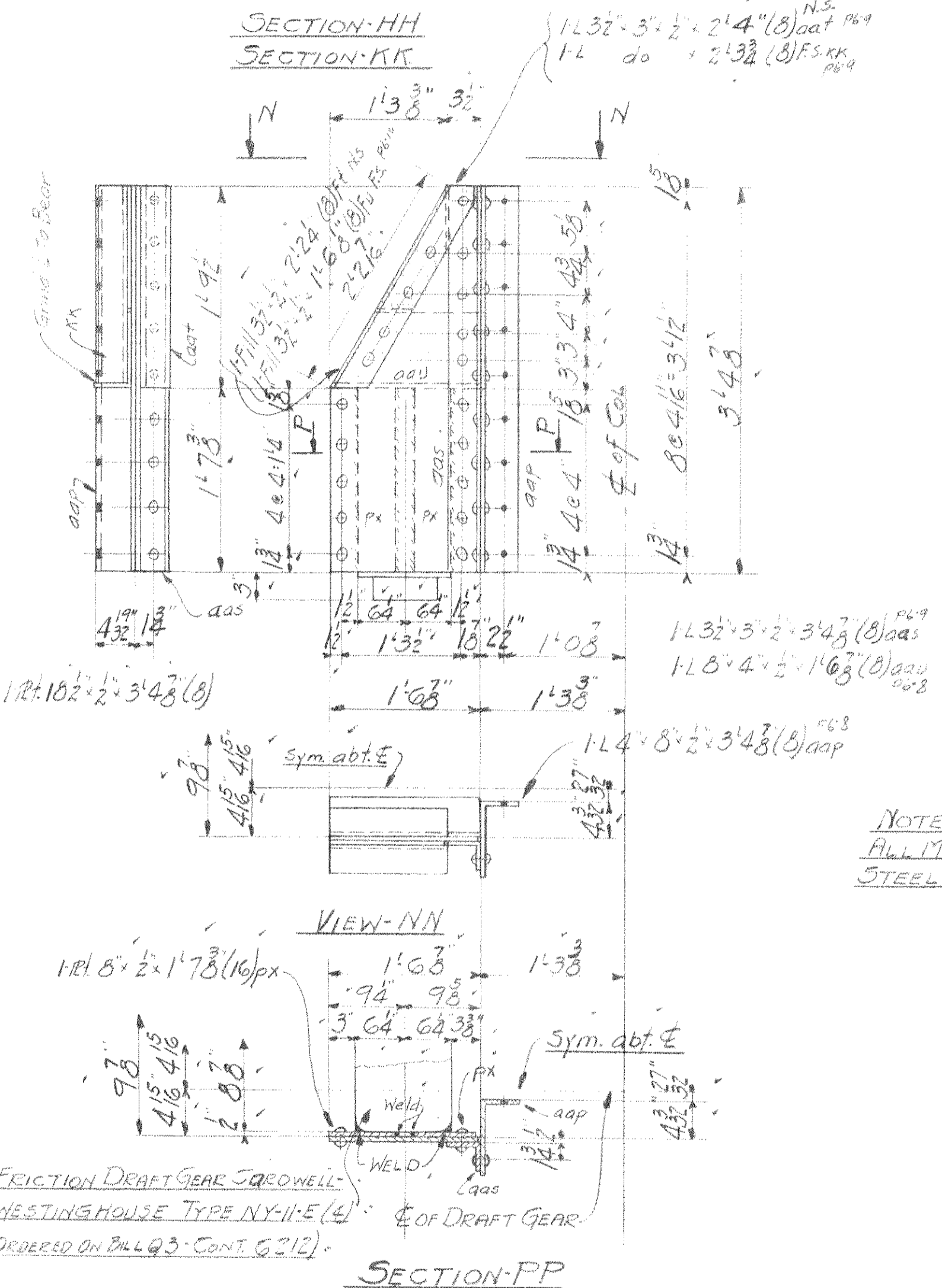
SECTION-HH
SECTION-KK



SECTION-DD

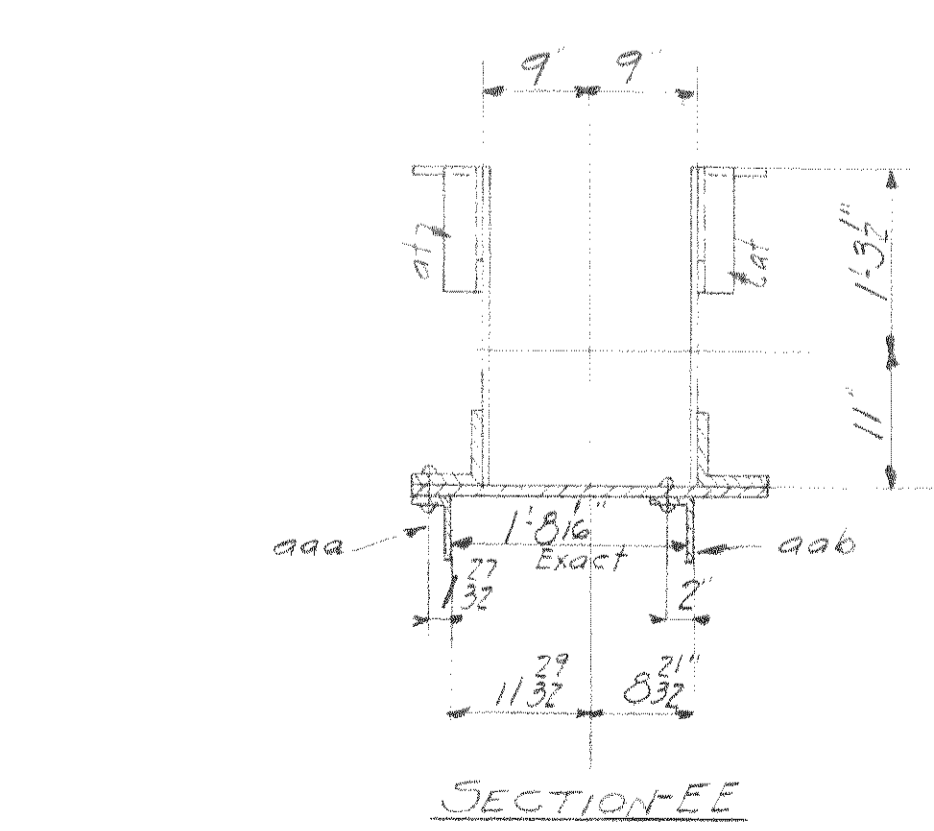


SECTION-GG

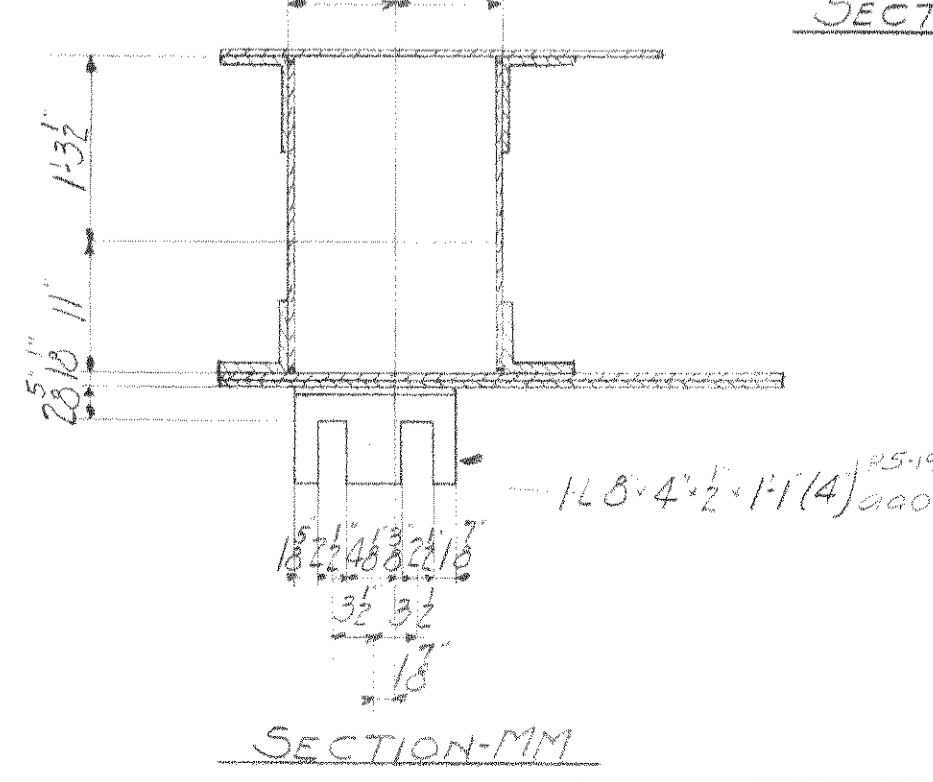


SECTION-PP

4 BRACKETS-8EI
224-8 Pin



SECTION-EE



SECTION-MM

NOTE:
WORK THIS SHEET WITH SHEET #6 & 7
NO PAINT ON CONTACT SURFACES
SHOP OR FIELD
SURFACES INACCESSIBLE AFTER ASSEMBLY
OR ERECTION SHALL BE GIVEN 2 COATS
OF SHOP PAINT
ALL HOLES IN MAIN MATERIAL SHALL BE
SUB-PUNCHED & SMALL AND REAMED TO
SIZE OR DRILLED FROM THE SOLID
HOLES MARKED R.T. ARE TO BE REAMED
OR DRILLED TO A METAL TEMPLATE
HOLES MARKED R.H. ARE TO BE REAMED
OR DRILLED ASSEMBLED
PAINT MARKS FOR SECT. D TO BE YELLOW
PAINT MARKS FOR SECT. E TO BE BLACK

NOTE:
ALL MATERIAL TO BE CARBON
STEEL COPPER BEARING

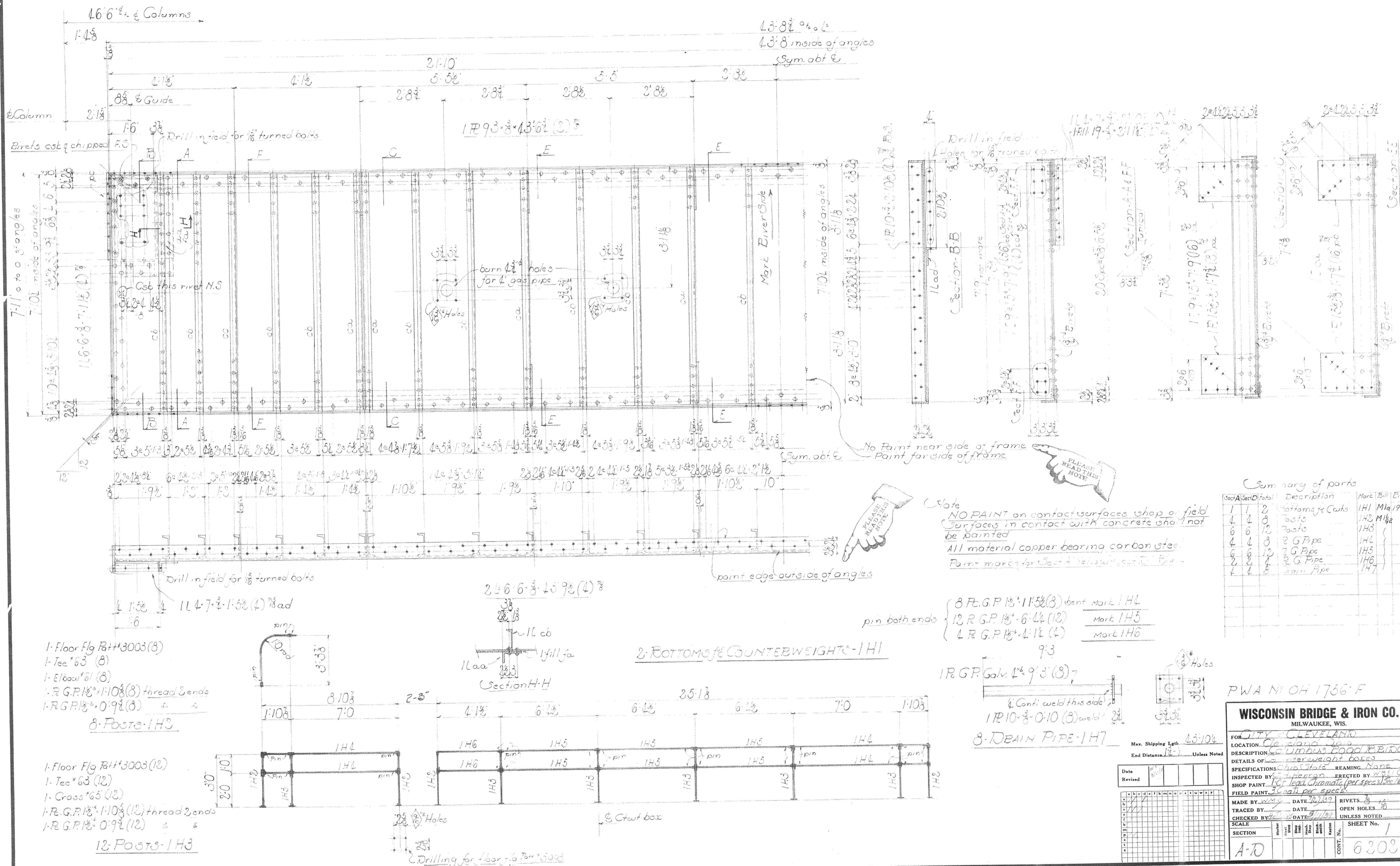
PWA DOCKET No. OH-1736F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR: CITY OF CLEVELAND
LOCATION: CLEVELAND, OHIO
DESCRIPTION: COLUMBUS ROAD BRIDGE
DETAILS OF: THE COLUMNS (NORTH & SOUTH TOWERS)
SPECIFICATIONS: OHIO STATE REAMING SEE NOTE
INSPECTED BY: J.H. HERRON ERECTED BY: W.B. & I. Co.
SHOP PAINT: 1 COAT LEAD CHROMATE
FIELD PAINT: 3 COATS AS PER SPEC'S

MADE BY: SPC DATE: 7-11-39 RIVETS: 7/8"
TRACED BY: DATE: 7-12-39 OPEN HOLES: 1/8"
CHECKED BY: DATE: 7-12-39 UNLESS NOTED

SCALE: SECTION SHEET No. 8
B.F.E. CONT. No. 6201



Summary of parts

Sec	Q	Description	Mark	Bill
1	1	Bottoms of Cuts	1H1	M1/1900
4	4	Posts	1H2	M1/2
6	6	Posts	1H3	
4	4	2" G.P. Pipe	1H4	
6	6	2" G.P. Pipe	1H5	
2	2	2" G.P. Pipe	1H6	
4	4	2" G.P. Pipe	1H7	

NO PAINT on contact surfaces chop a field
 Surfaces in contact with concrete should not
 be painted
 All material copper bearing carbon steel
 Paint marks for Sect A removed

pin both ends
 { 8 P.C.P. 1 1/2" x 11'5 1/2" (8) bent Mark 1H4
 12 P.C.P. 1 1/2" x 6'4 1/2" (12) Mark 1H5
 4 P.C.P. 1 1/2" x 4'1 1/2" (4) Mark 1H6

1 P.C.P. Galv. 4" x 9'3" (8) 7
 4 Cont. weld this side
 1 P.10" x 3" x 0.10 (8) weld
 8 DRAIN PIPE - 1H7

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

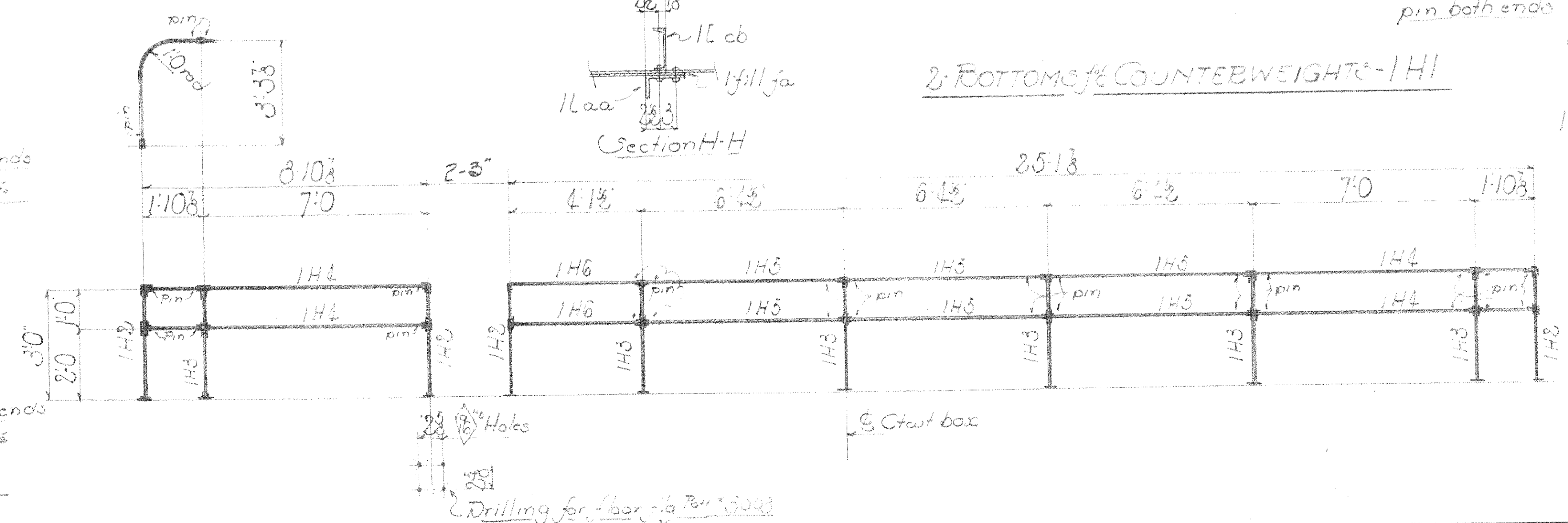
FOR CITY OF CLEVELAND
 LOCATION: Columbus Ave
 DESCRIPTION: Columbus Food Bridge
 DETAILS OF Counterweight boxes
 SPECIFICATIONS: Ohio State REAMING None
 INSPECTED BY: [Signature] ERECTED BY: [Signature]
 SHOP PAINT: [Signature] (per specs) 1/16"
 FIELD PAINT: [Signature] per specs

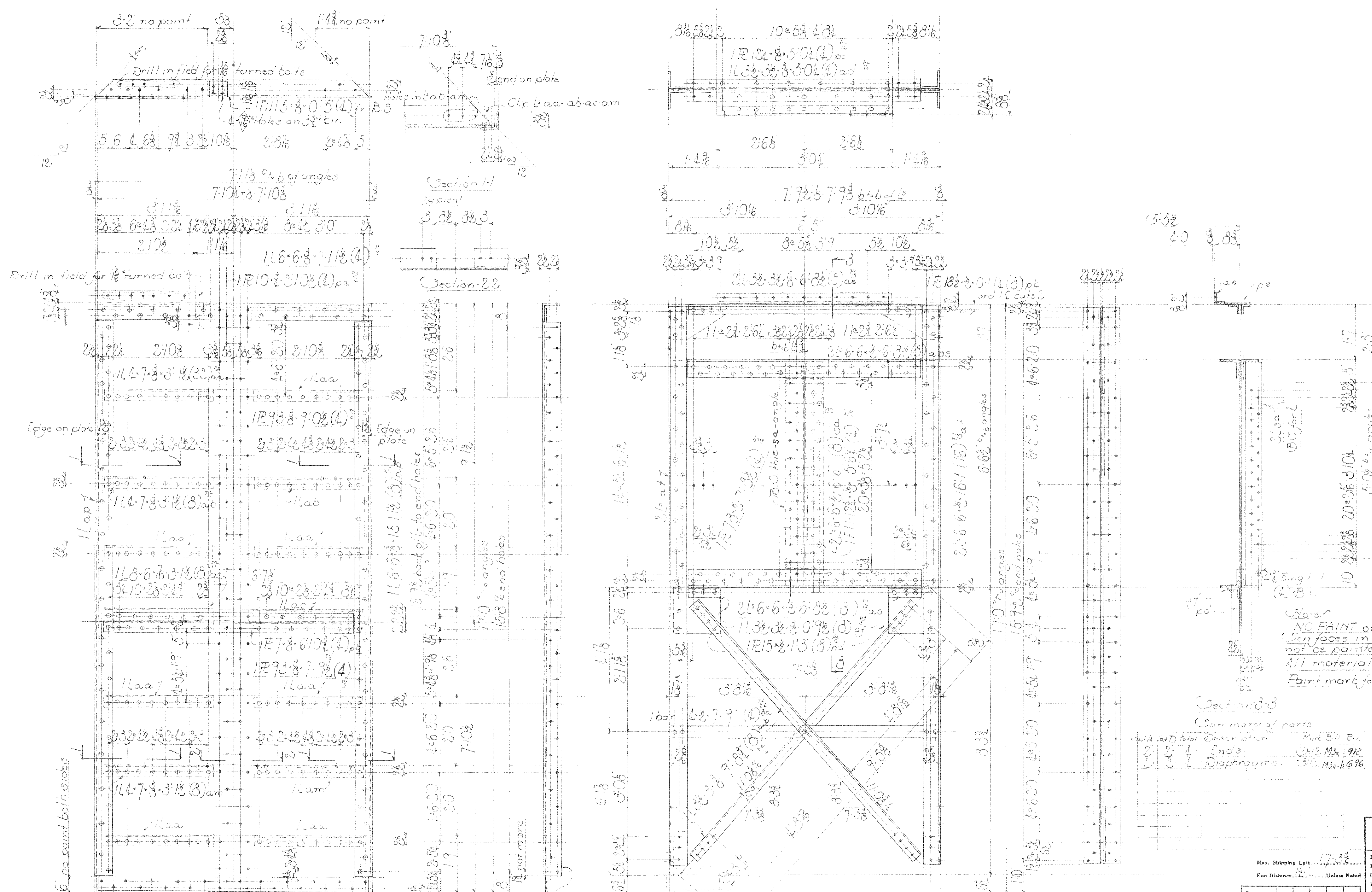
MADE BY: [Signature] DATE: 10/1/39 RIVETS: 3/16"
 TRACED BY: [Signature] DATE: 11/1/39 OPEN HOLES: 1/8"
 CHECKED BY: [Signature] DATE: 11/1/39 UNLESS NOTED

SCALE: SECTION A-D SHEET No. 1
 CONT. No. 6202

- 1 Floor Flg B11'3003(8)
 - 1 Tee #63 (8)
 - 1 Elbow #61 (8)
 - 1 R.G.P. 1 1/2" x 11'0 1/2" (8) thread ends
 - 1 R.G.P. 1 1/2" x 0'9 1/2" (8)
 - 8 Posts - 1H3
- 1 Floor Flg B11'3003(12)
 - 1 Tee #63 (12)
 - 1 Cross #65 (12)
 - 1 R.G.P. 1 1/2" x 11'0 1/2" (12) thread ends
 - 1 R.G.P. 1 1/2" x 0'9 1/2" (12)
 - 12 Posts - 1H3

2' BOTTOMS of COUNTERWEIGHTS - 1H1





15-58
40
8.88

Note:
NO PAINT on contact surfaces shop or field
Surfaces in contact with concrete shall not be painted
All material copper bearing carbon steel
Paint mark for Sect A Yellow Sect D Black

Section 3-3
Summary of parts

Part No.	Description	Mark Bill Ev
1	4-Ends	CHC M3 912
2	Diaphragms	CHC M3 6696

PWA 420H-1756-F
WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR CITY OF CLEVELAND		RIVETS 3/4"	
LOCATION: Cleveland, Ohio		OPEN HOLES 1/8"	
DESCRIPTION: 60' span bridge for edge		UNLESS NOTED	
DETAILS OF CONNECTIONS: See Notes		SHEET No. 3	
SPECIFICATIONS: AISC Steel Erection Code		CONT. No. 6203	
INSPECTED BY: J. H. Brown			
ERECTED BY: W. J. S. Co.			
SHOP PAINT: 1/2" lead chromate (per specs) See Note			
FIELD PAINT: 2 coats per specs			
MADE BY:	DATE:		
TRACED BY:	DATE:		
CHECKED BY:	DATE:		
SCALE:			
SECTION:			

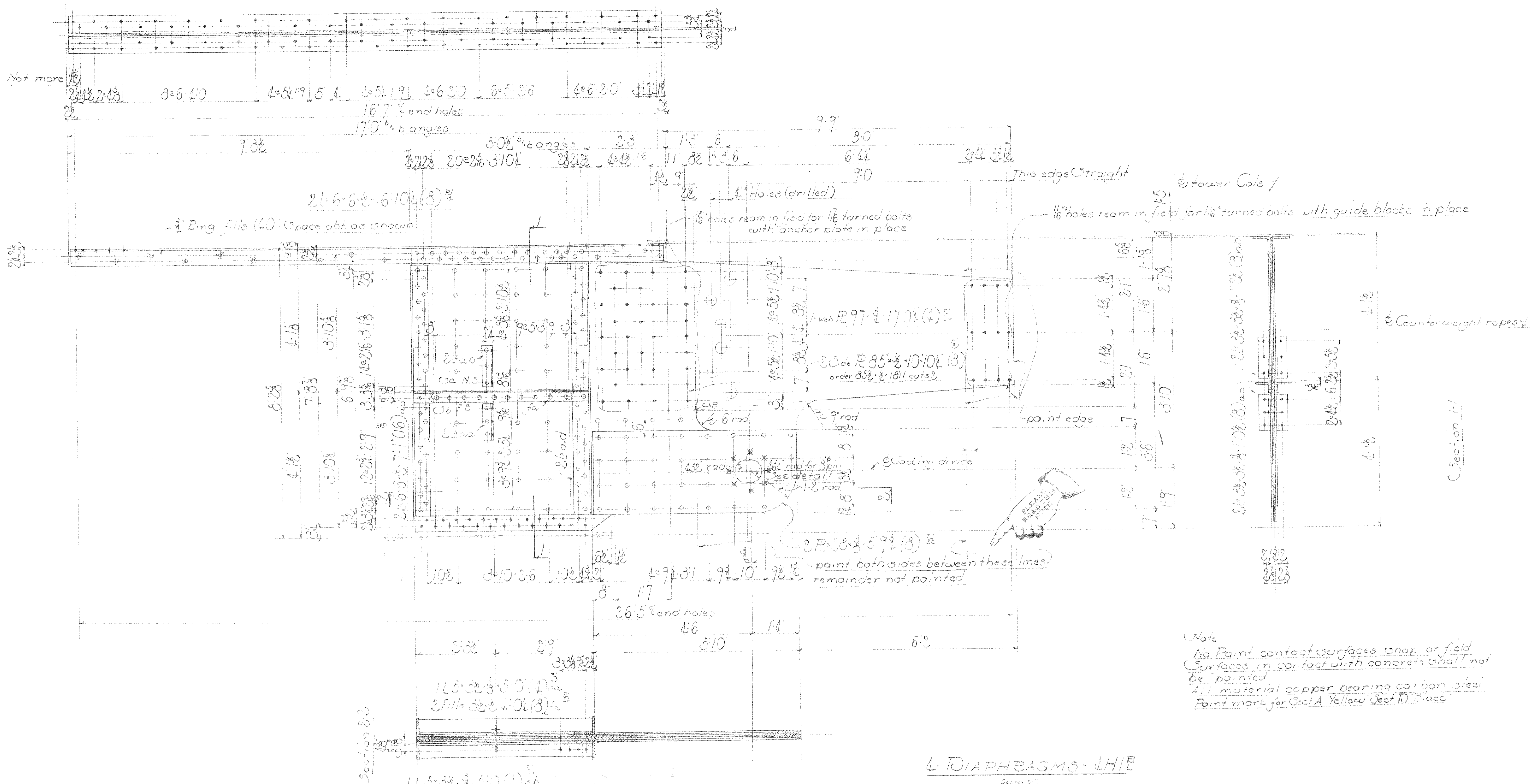
Max. Shipping Lgt. 17'-3 1/2"
End Distance: Unless Noted

Date	Revised

1	2	3	4	5	6	7	8	9	10	11	12

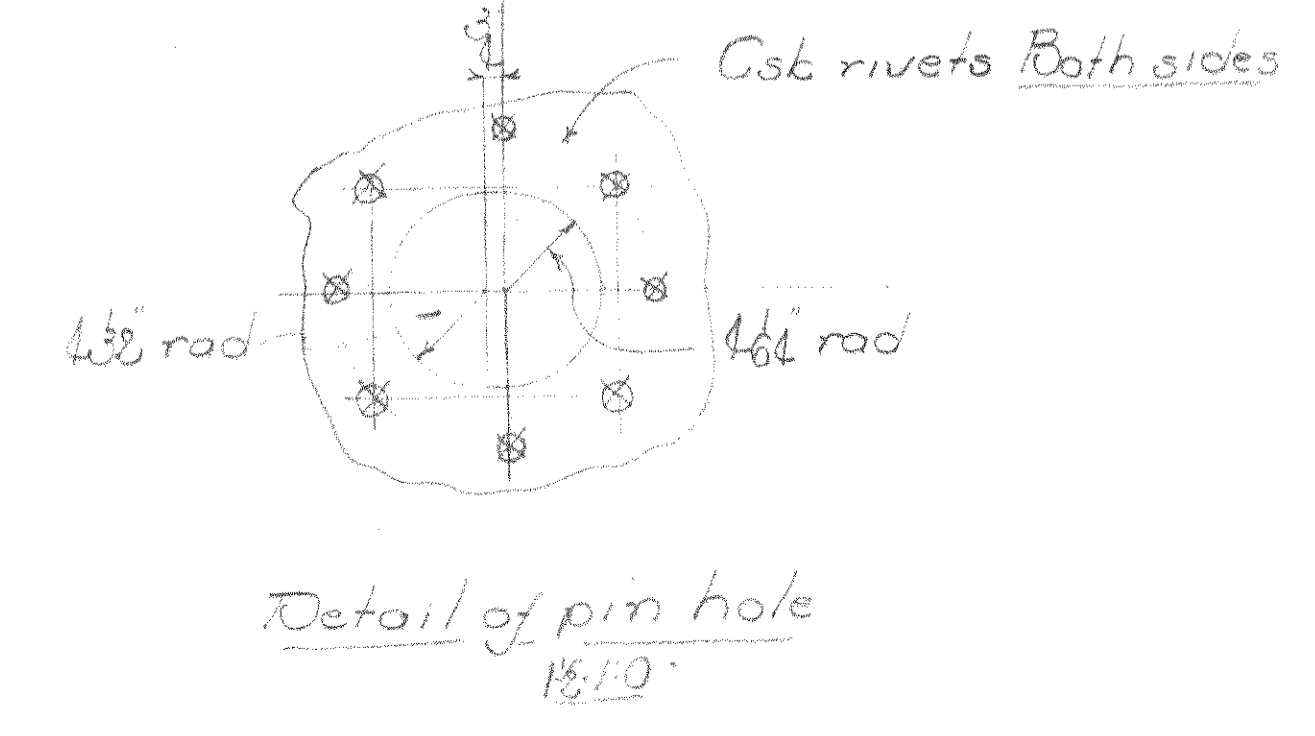
point edge of angle and near side
point near side of frames except as noted
No paint for side of frame
PLEASE READ PLUS NOTE

4-ENDS 3HP
L-DIAPHRAGMS 3HP
No paint



Note
 No Paint contact surfaces shop or field
 Surfaces in contact with concrete shall not
 be painted
 2 1/2 material copper bearing carbon steel
 Paint more for Sect A Yellow Sect D place

L-DIAPHRAGMS - LHI^E



Summary of parts

QTY	Part No.	Description	Matl	Bill	Rev
2	2	L Diaphragms	LHI ^E	MA	160

Max. Shipping Lgth. 28' 9"
 End Distance. Unless Noted

Date Revised

1	2	3	4	5	6	7	8	9	10	11	12

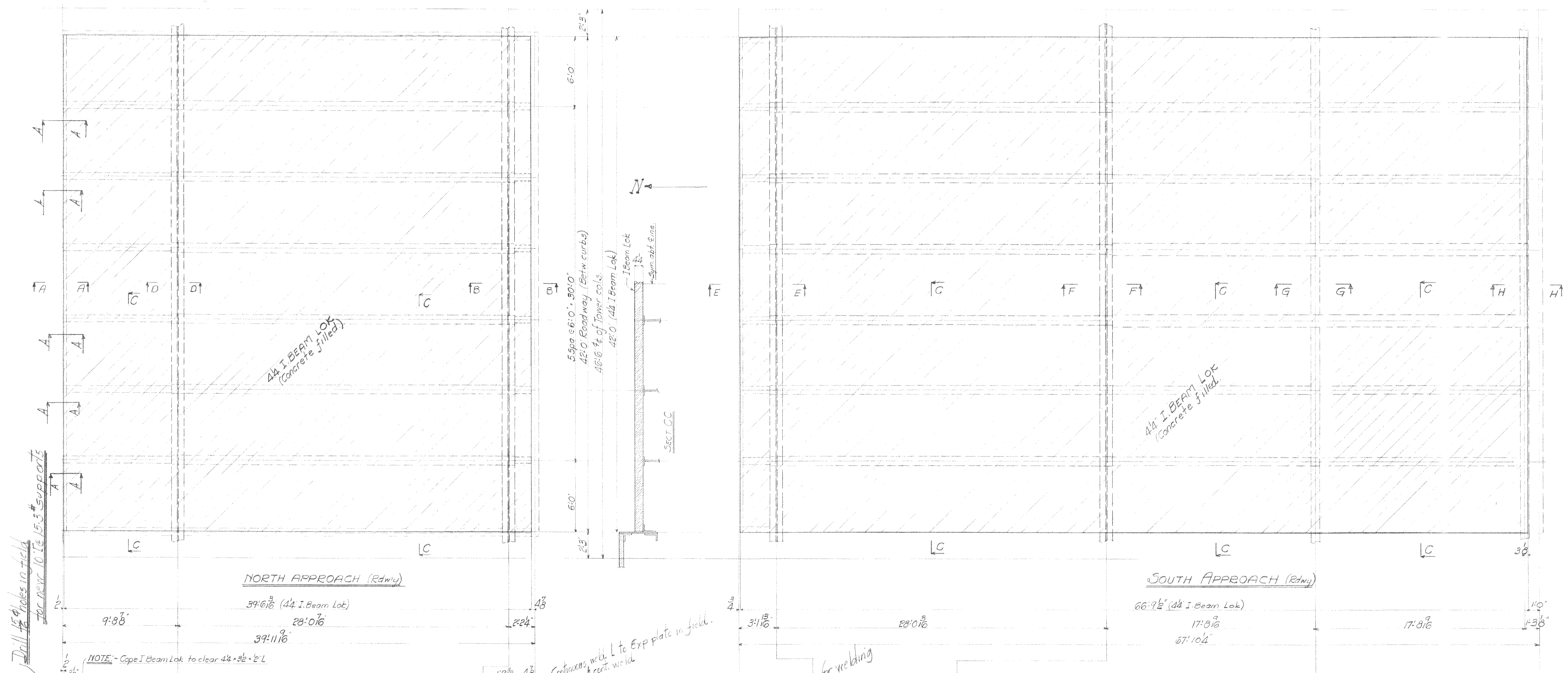
RWA N° OH-1756-F

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR CITY OF CLEVELAND
 LOCATION: Cleveland, Ohio
 DESCRIPTION: Columbus Road Bridge
 DETAILS OF: Counterweight boxes

SPECIFICATIONS: AISC, AASHTO, REAMING None
 INSPECTED BY: HERRAN
 SHOP PAINT: 1/2 gal chroma (per spec) See Note
 FIELD PAINT: 2 1/2 gal per spec

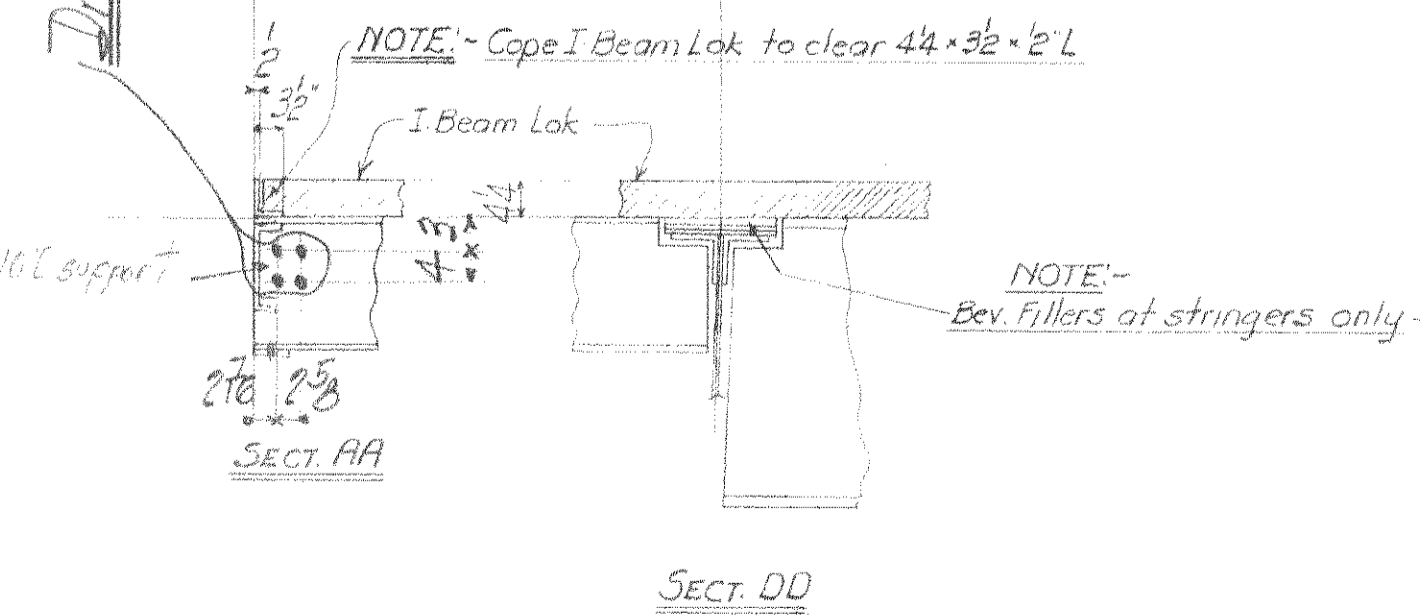
MADE BY: DATE: 2/1/62 RIVETS: 3-16
 TRACED BY: DATE: 2/1/62 OPEN HOLES: 15
 CHECKED BY: DATE: 2/1/62 UNLESS NOTED
 SCALE: SECTION: A-TD SHEET No. 1
 CONT. No. 6305



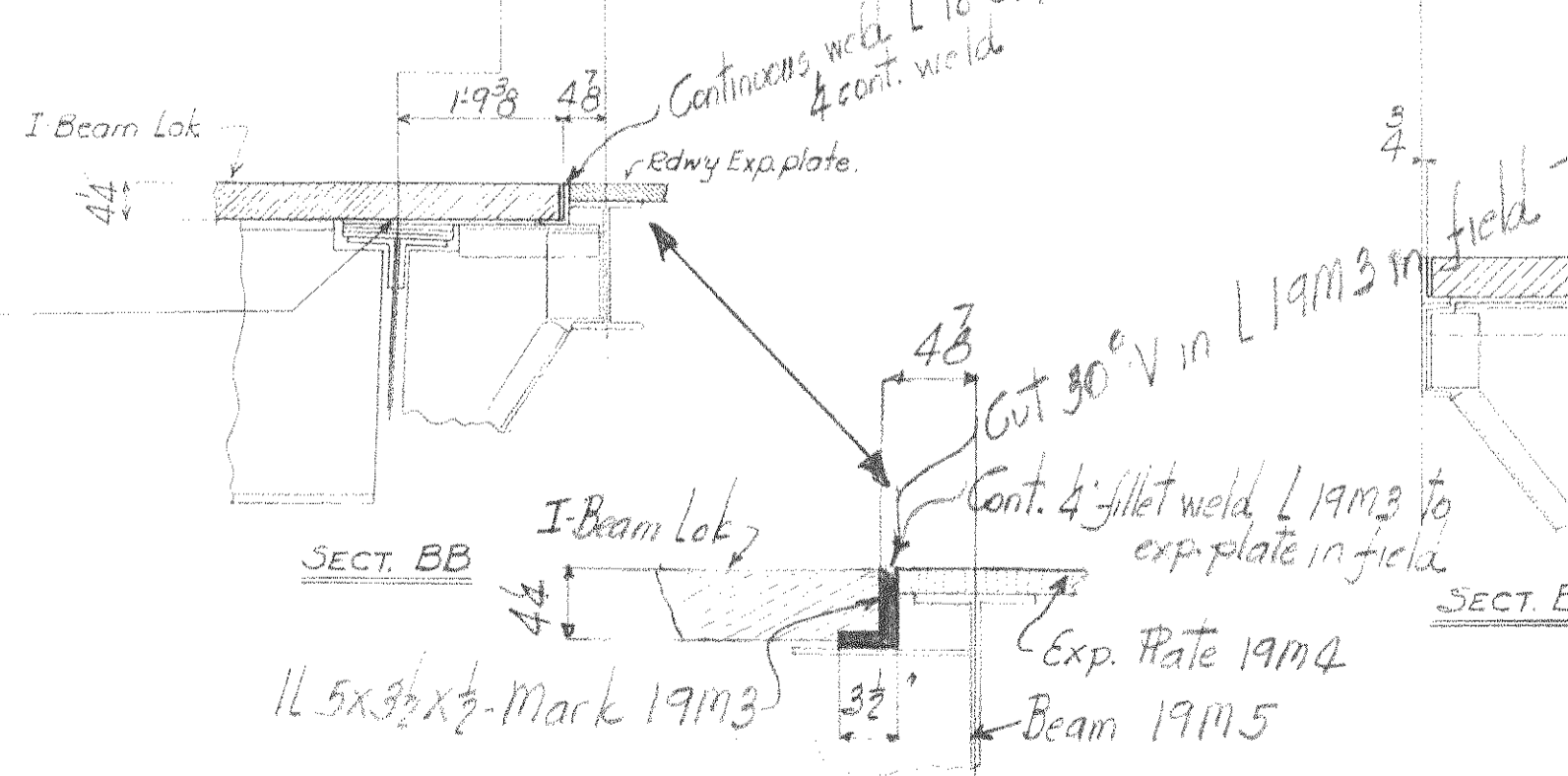
Drill 15 # holes in field for 10 1/2 x 15 # supports

NORTH APPROACH (Rdwy)

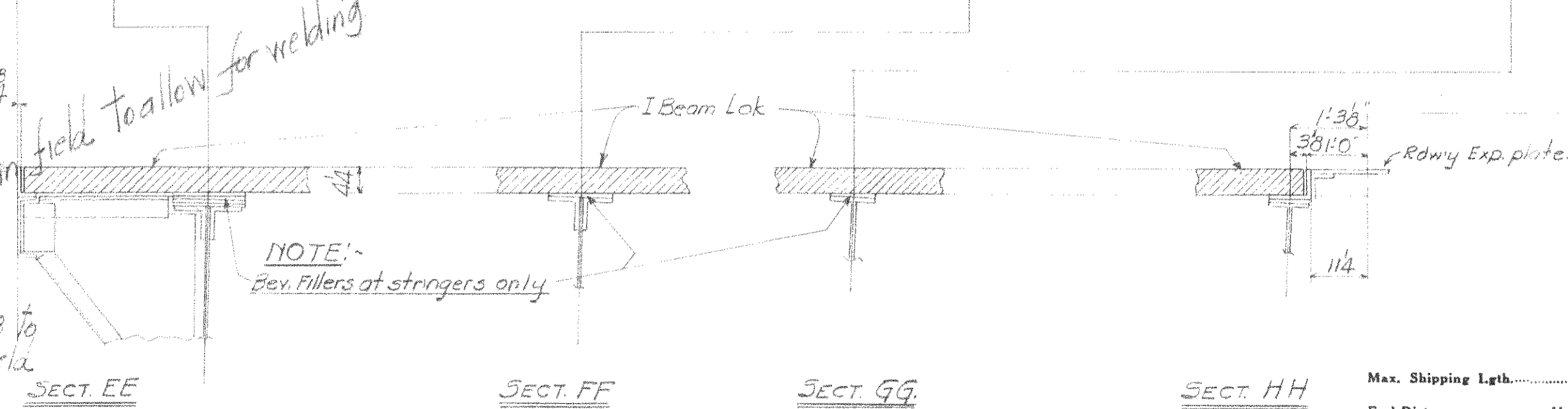
SOUTH APPROACH (Rdwy)



SECT. AA



SECT. BB



SECT. CC

SECT. EE

SECT. FF

SECT. GG

SECT. HH

NOTE: For details of I-Beam Lok and welding, see customers Drawing 1742 of File No. 4604. See sht. #1 Cont. 6206 for general notes.

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR CITY OF CLEVELAND
LOCATION CLEVELAND, OHIO
DESCRIPTION COLUMBUS ROAD BRIDGE
DETAILS OF I-BEAM LOK (No. 50 App. ROADWAYS)
SPECIFICATIONS OHIO STATE REAMING
INSPECTED BY J.H. HERRON ERECTED BY
SHOP PAINT Per Special Specs.

FIELD PAINT

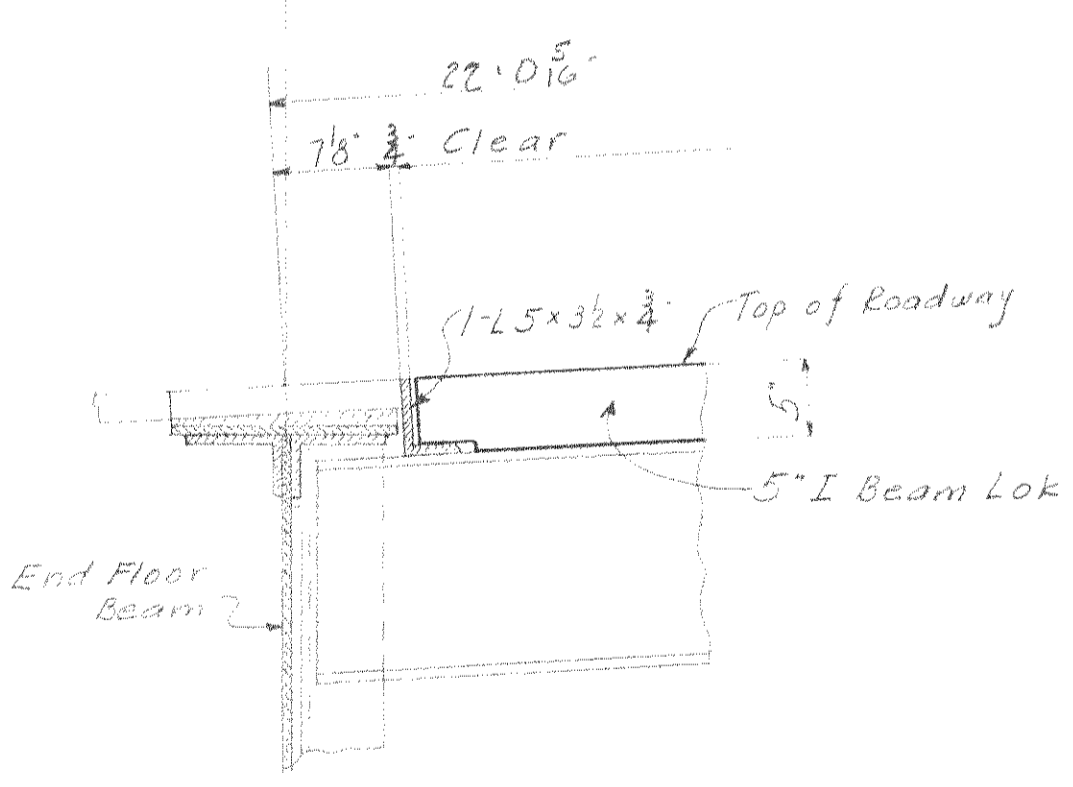
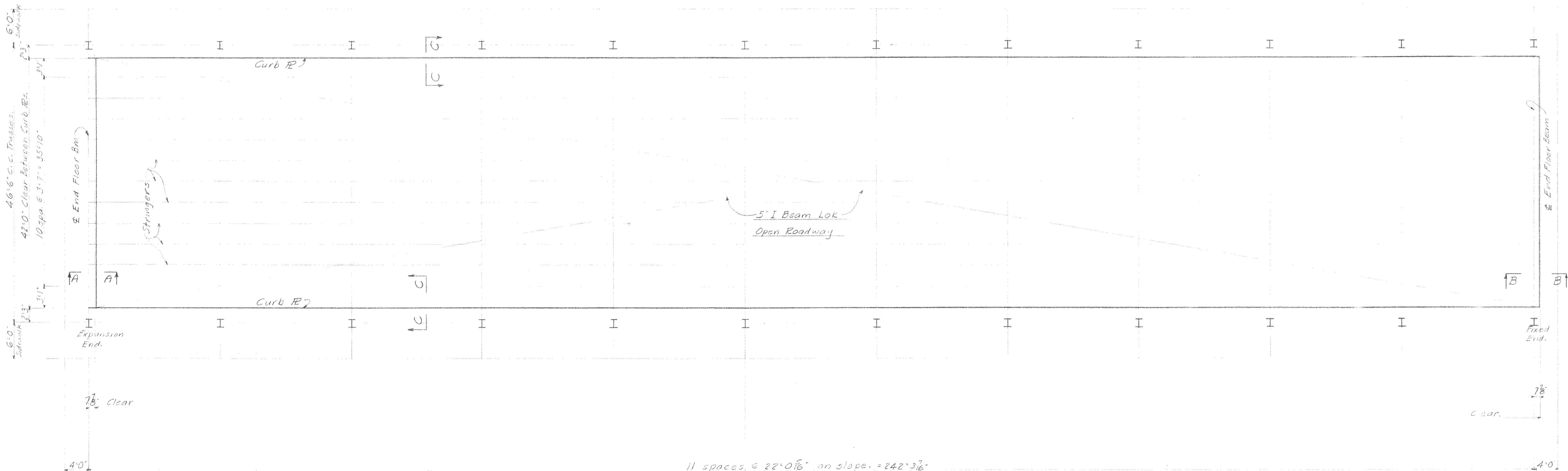
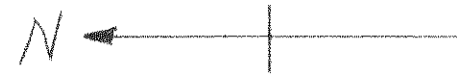
MADE BY W.M. HERRON DATE 7/14/39 RIVETS
TRACED BY J.H. HERRON DATE 7/14/39 OPEN HOLES
CHECKED BY J.H. HERRON DATE 7/14/39 UNLESS NOTED

SCALE SECTION

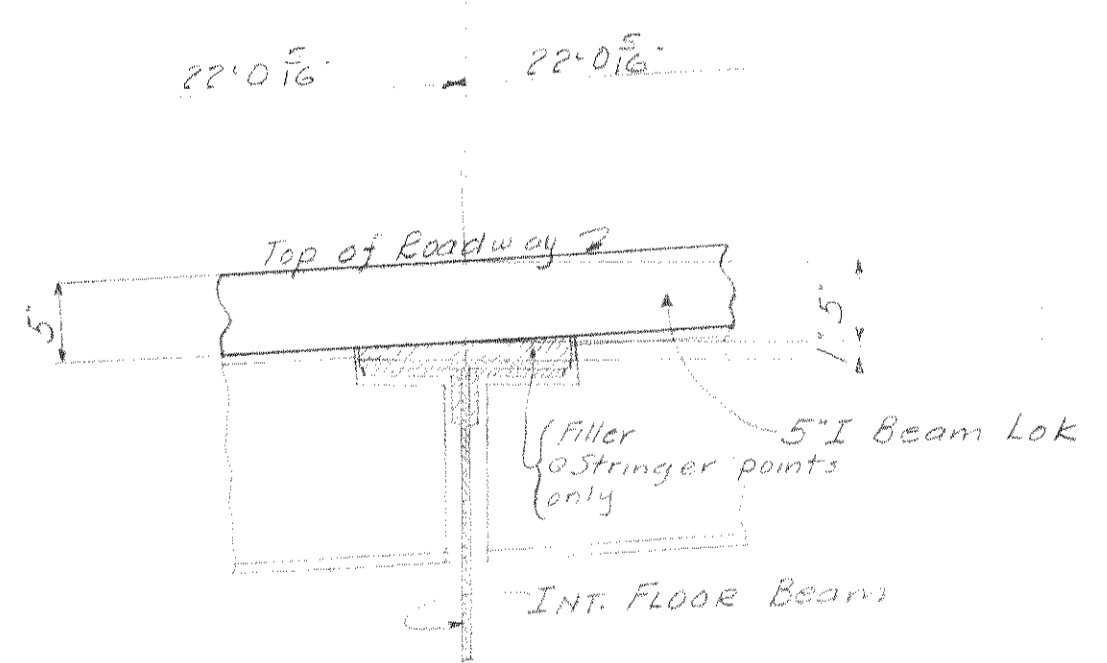
SHEET No. 1

CONT. No. 6205

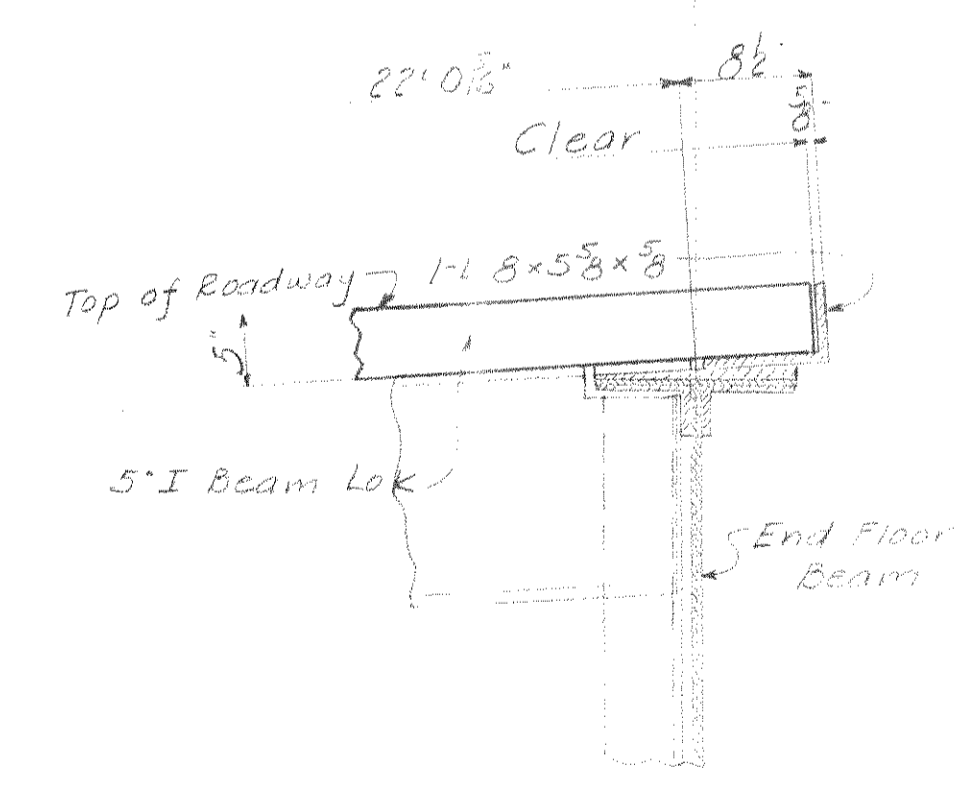
Date	
Revised	
Max. Shipping Lgth.	
End Distance	Unless Noted
1	
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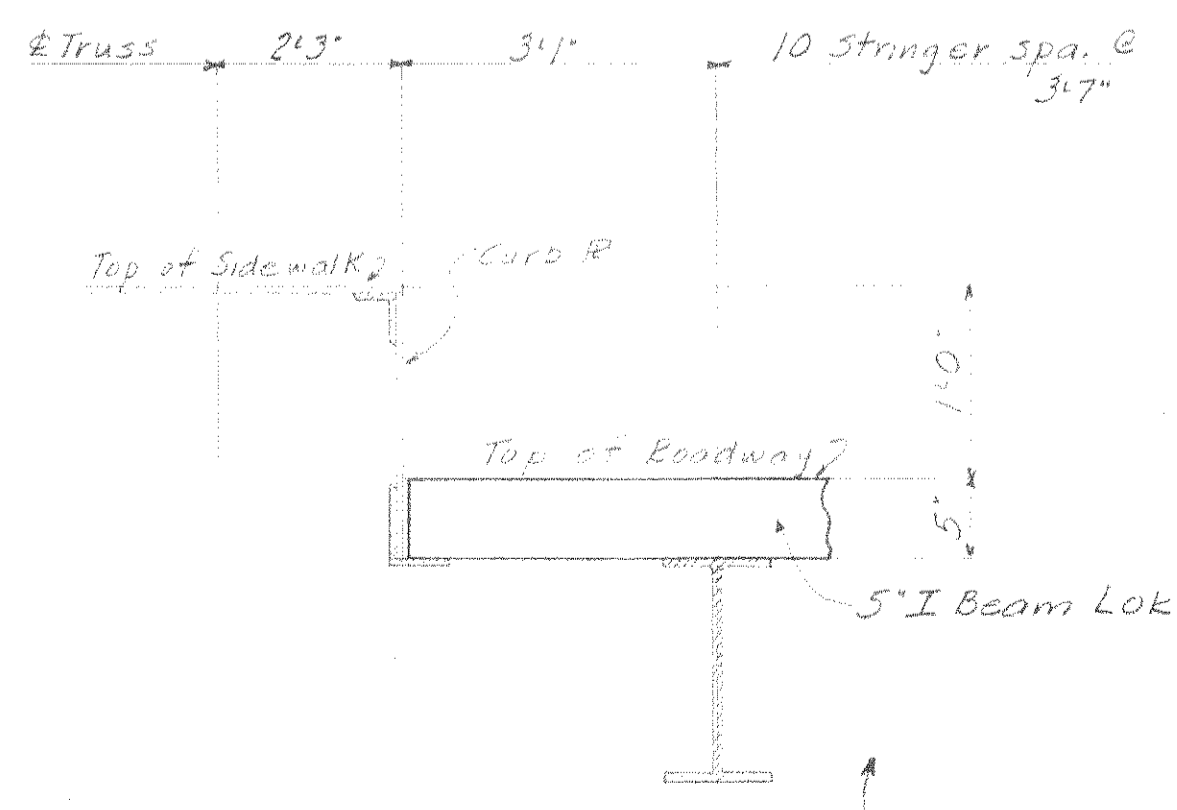
SECTION A A



TYPICAL SECTION FOR INTERMEDIATE FLOOR BEAMS



SECTION B B



SECTION C C

11 spaces @ 22'-0 1/16" on slope = 242'-3 1/16"

NOTE:- Material for all steel parts of the floor grid shall be structural grade conforming to A.S.T.M. designation A-7-36-T, for bridge steel & shall in addition contain not less than .2% copper. Material to be fabricated in accordance with the requirements of special provisions of specifications. Manufacturer to submit welding details for approval. I Beam Lok to be shop welded in accordance with U.S.S. Corp. standard or equal. See Customer's drawing No. 17-42 for field welding & details of Tri-Lok.

Max. Shipping Lgth. _____
End Distance _____ Unless Noted

Date							
Revised							

a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

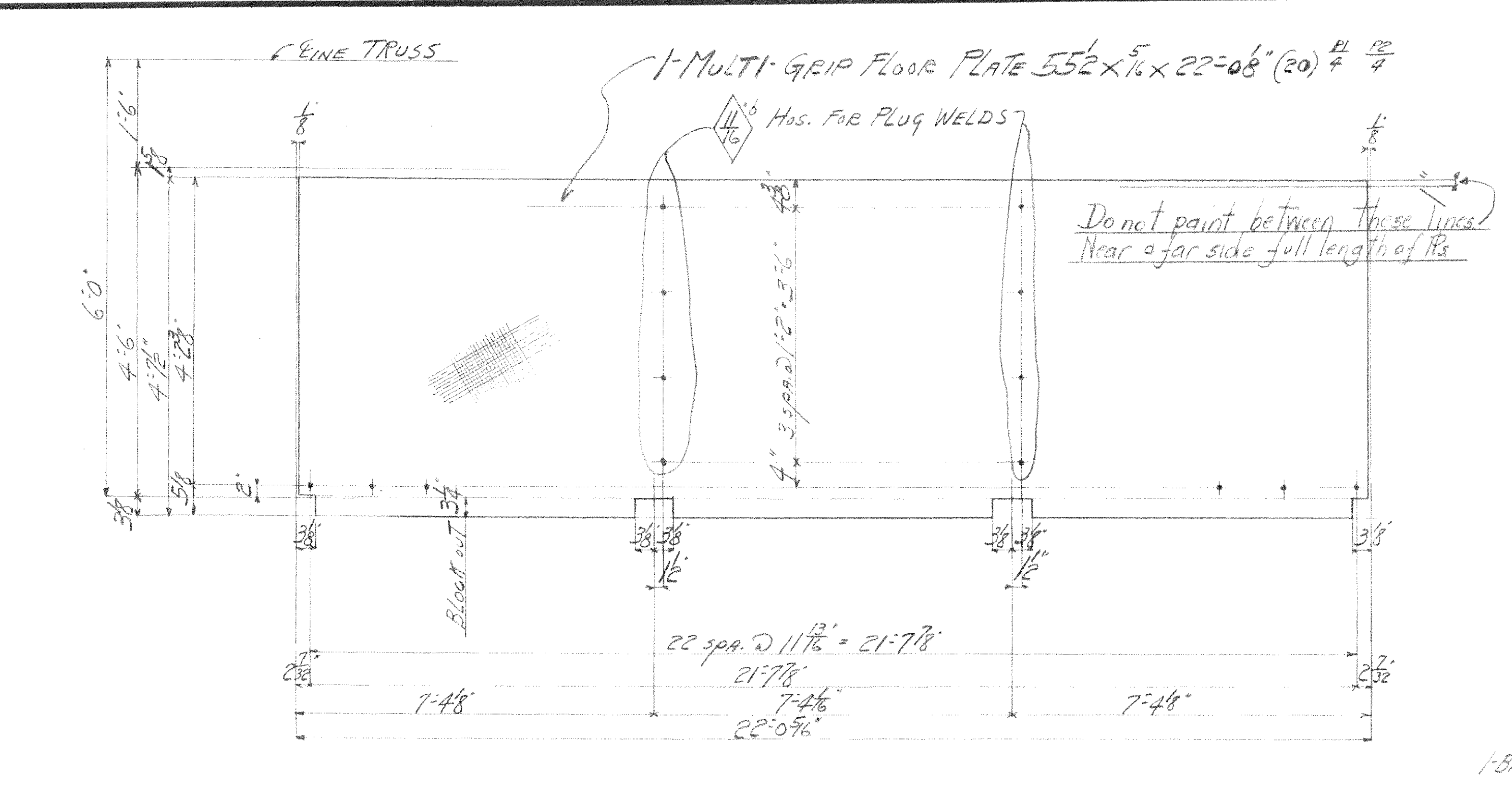
FOR CITY OF CLEVELAND
LOCATION: CLEVELAND, OHIO
DESCRIPTION: CLEVELAND BRIDGE
DETAILS OF FLOOR & 5" I BEAM LOKS - MAIN SPAN
SPECIFICATIONS: PER A.S.T.M. SPECIFICATIONS
INSPECTED BY: J. H. HALL
FIELD PAINT: PER A.S.T.M. SPECIFICATIONS

MADE BY: H. Schenck DATE: 7-18-39
TRACED BY: _____ DATE: _____
CHECKED BY: J.F.S. DATE: 7-19-39

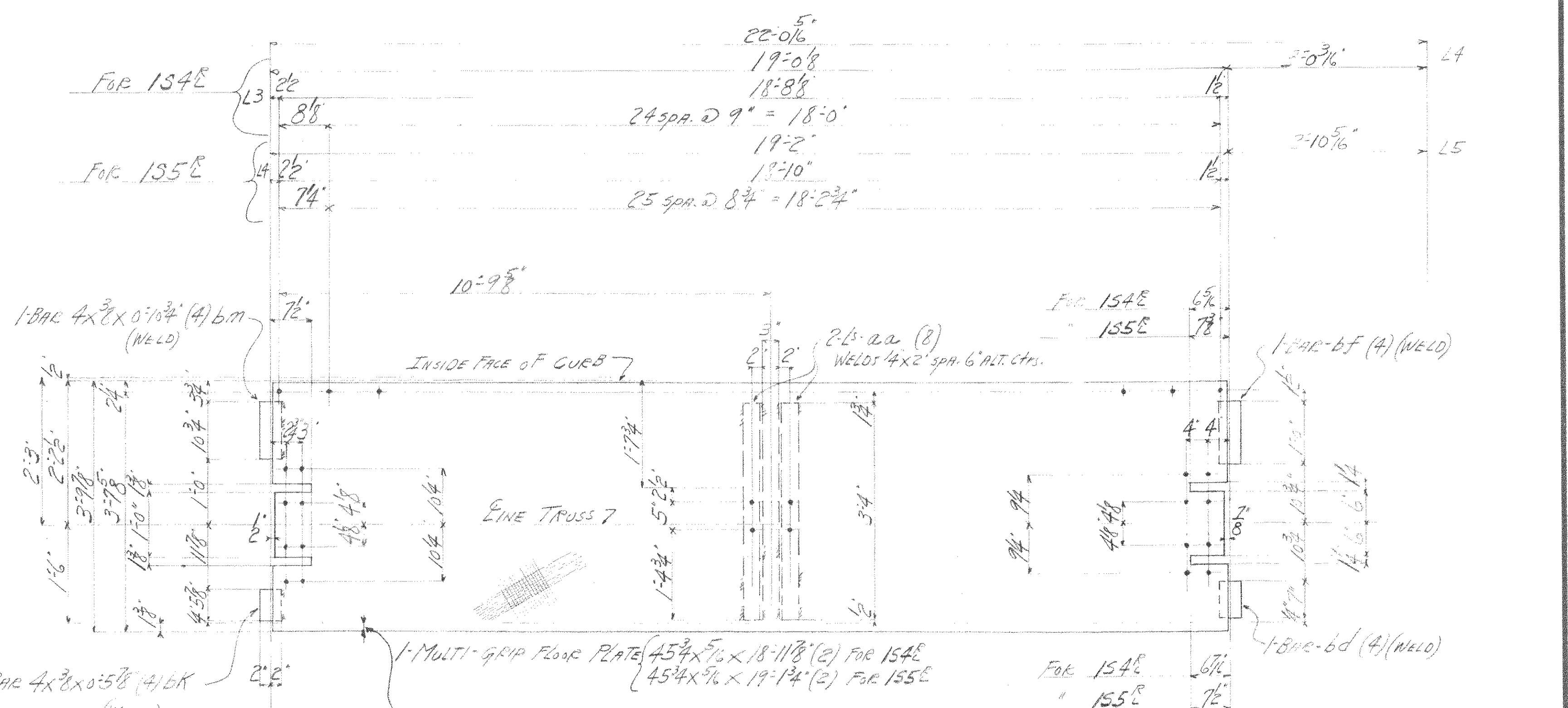
SCALE: _____
SECTION: _____

RIVETS: _____
OPEN HOLES: _____
UNLESS NOTED

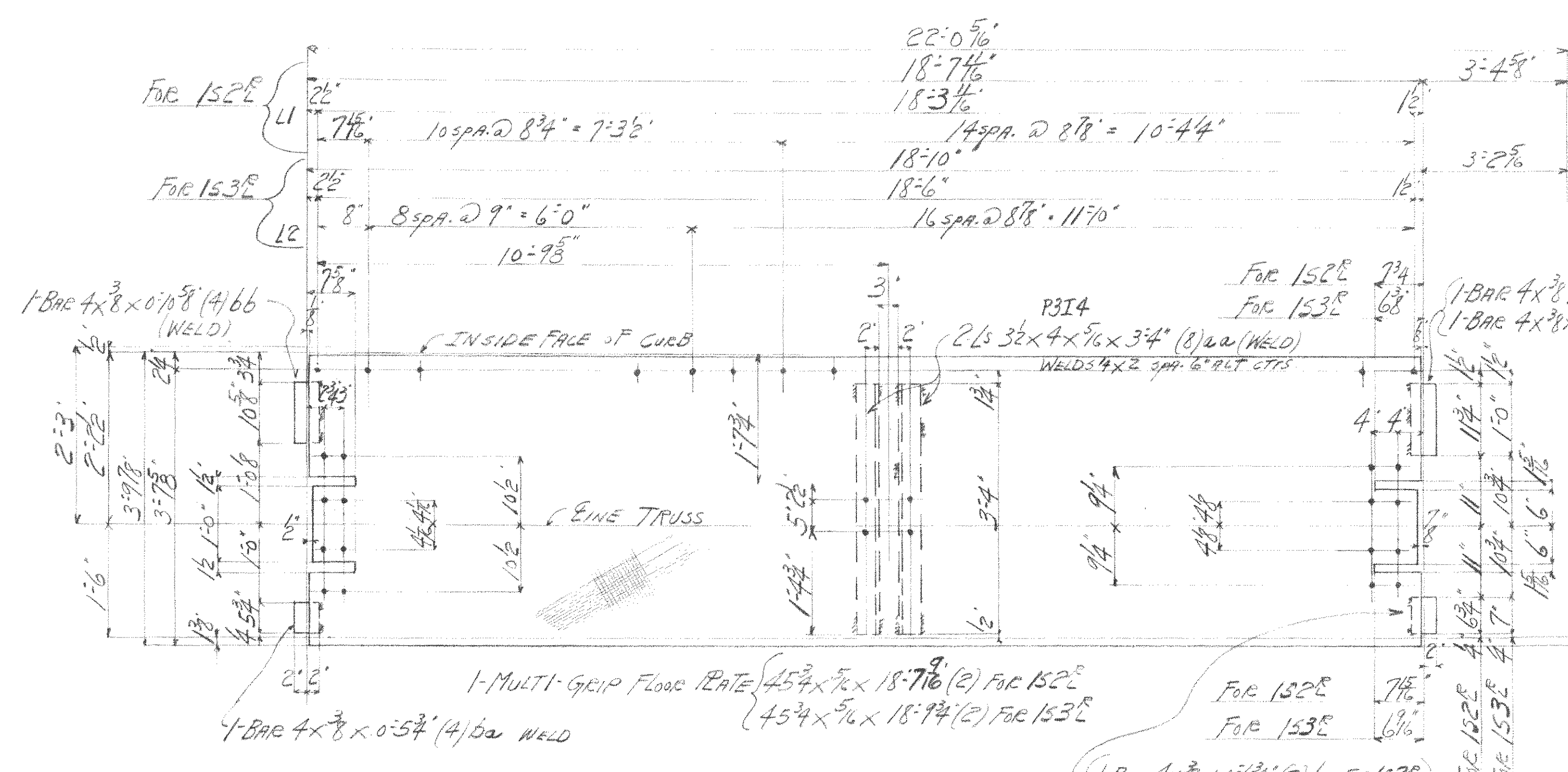
SHEET No. 1
CONT. No. 6206



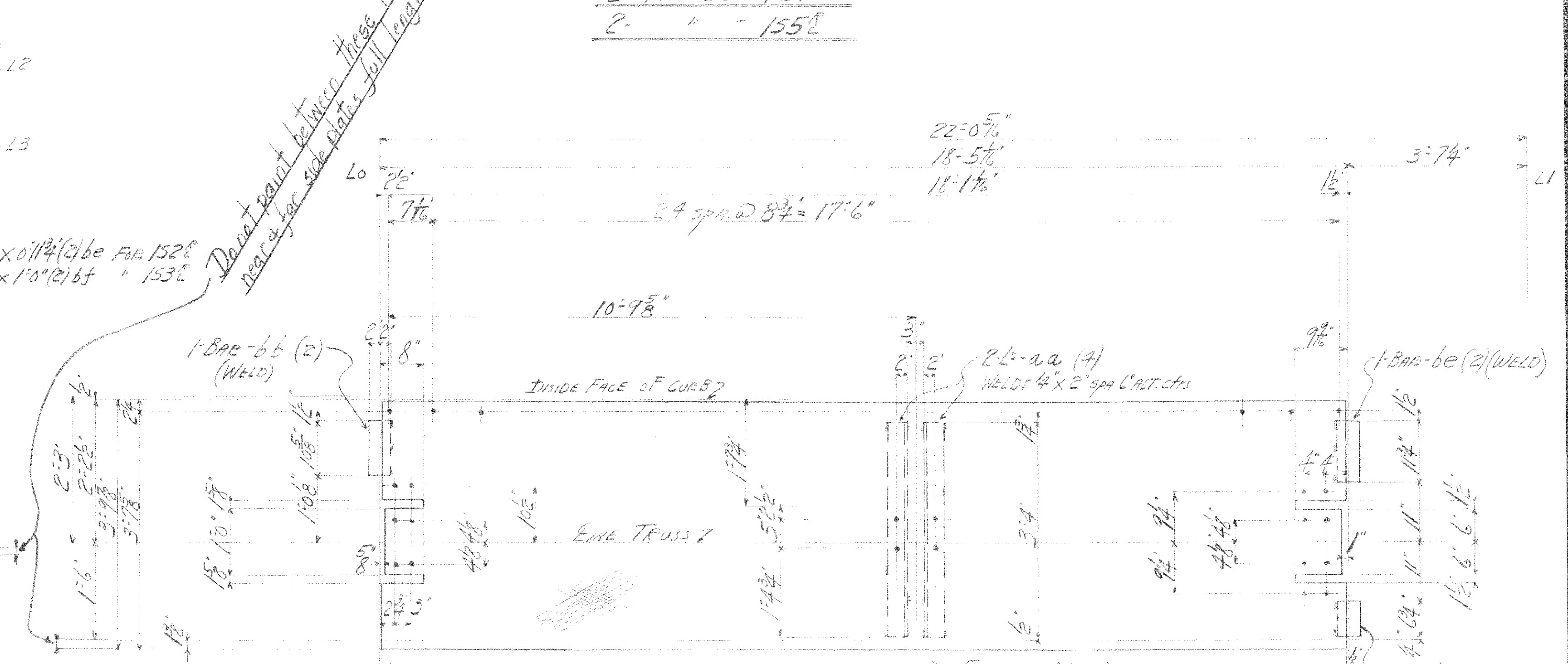
20- PLATES- 151E



2- PLATES- 154E
2- " - 155E



2- PLATES- 152E
2- " - 153E



2- PLATES- 156E

GENERAL NOTES:-
 ALL MATERIAL TO BE COPPER BEARING.
 NO PAINT ON CONTACT SURFACES SHOR OF FIELD.
 PAINT MARKS FOR SECT. C TO BE RED.
 ALL CUTS TO BE FLAME CUTS.

SECT	No.	DESCRIPTION	MADE	BILL	SHIP
20	20	PLATE	151E	M1a	
20	2	"	152E	"	
20	2	"	153E	"	
20	2	"	154E	M1b	
20	2	"	155E	"	
20	2	"	156E	"	

Max. Shipping Lgth. 22'-0"
 End Distance. Unless Noted

Date	Revised

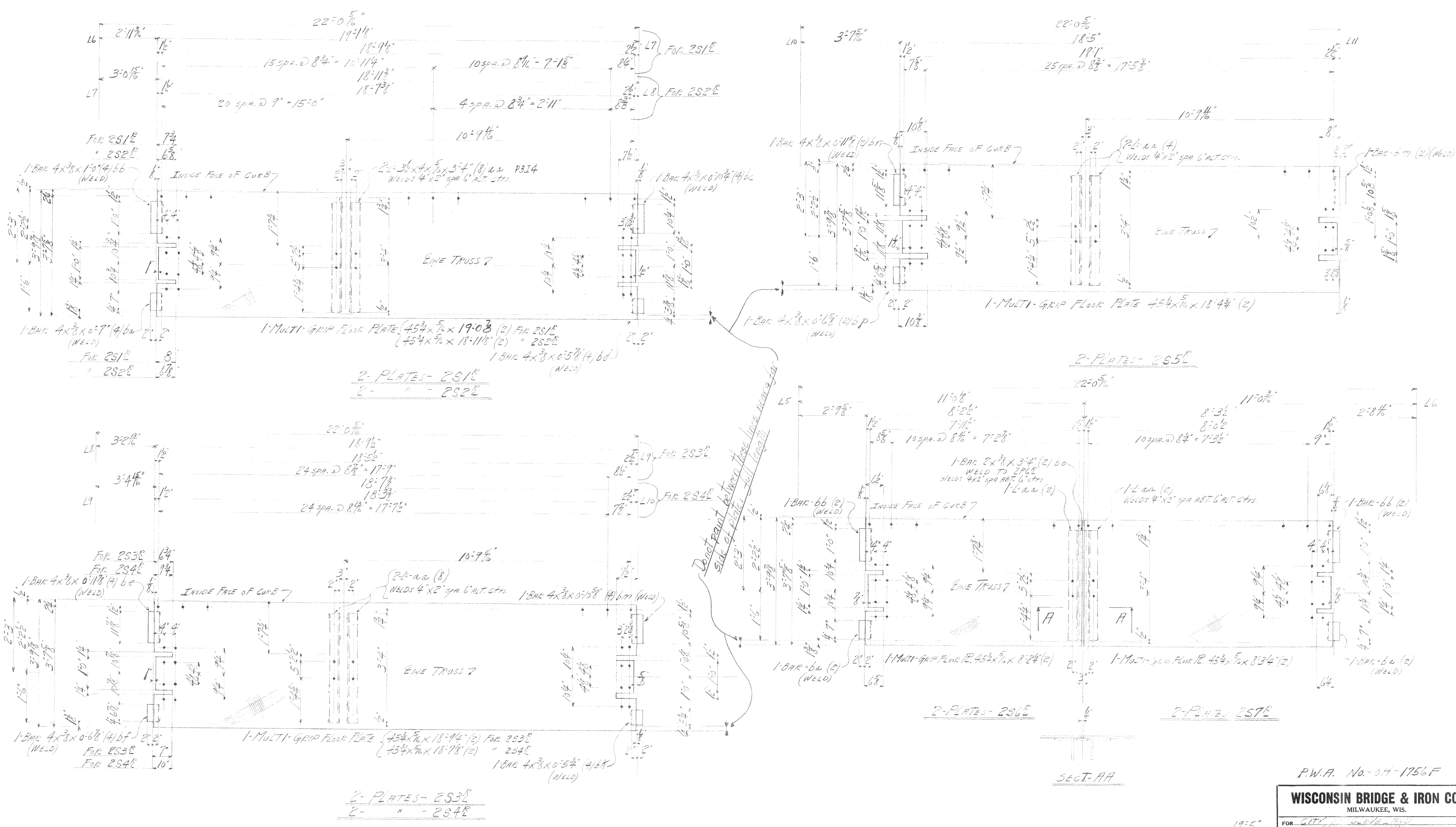
P.W.A. No. OH-1756F

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR CITY OF MILWAUKEE
 LOCATION GLENDALE BRIDGE
 DESCRIPTION GLENDALE BRIDGE
 DETAILS OF BRIDGE
 SPECIFICATIONS
 INSPECTED BY
 SHOP PAINT
 FIELD PAINT

MADE BY DATE 10/19/39 RIVETS
 TRACED BY DATE 10/19/39 OPEN HOLES
 CHECKED BY DATE 10/19/39 UNLESS NOTED

SCALE SECTION SHEET No. 1
 CONT. No. 6207



Do not paint between these lines

GENERAL NOTES-
 ALL MATERIAL TO BE SUPER BEARING.
 NO PAINT ON CONTACT SURFACES SHOP OR FIELD.
 PAINT MARKS FOR SECT-C TO BE PAID.
 ALL CUTS TO BE FLAME CUTS.

SECT.	No.	DESCRIPTION	MACT. BILL NO.
2	2	PLATES	251E New
2	2	"	252E "
2	2	"	253E "
2	2	"	254E "
2	2	"	255E New
2	2	"	256E "
2	2	"	257E "

Date	
Revised	

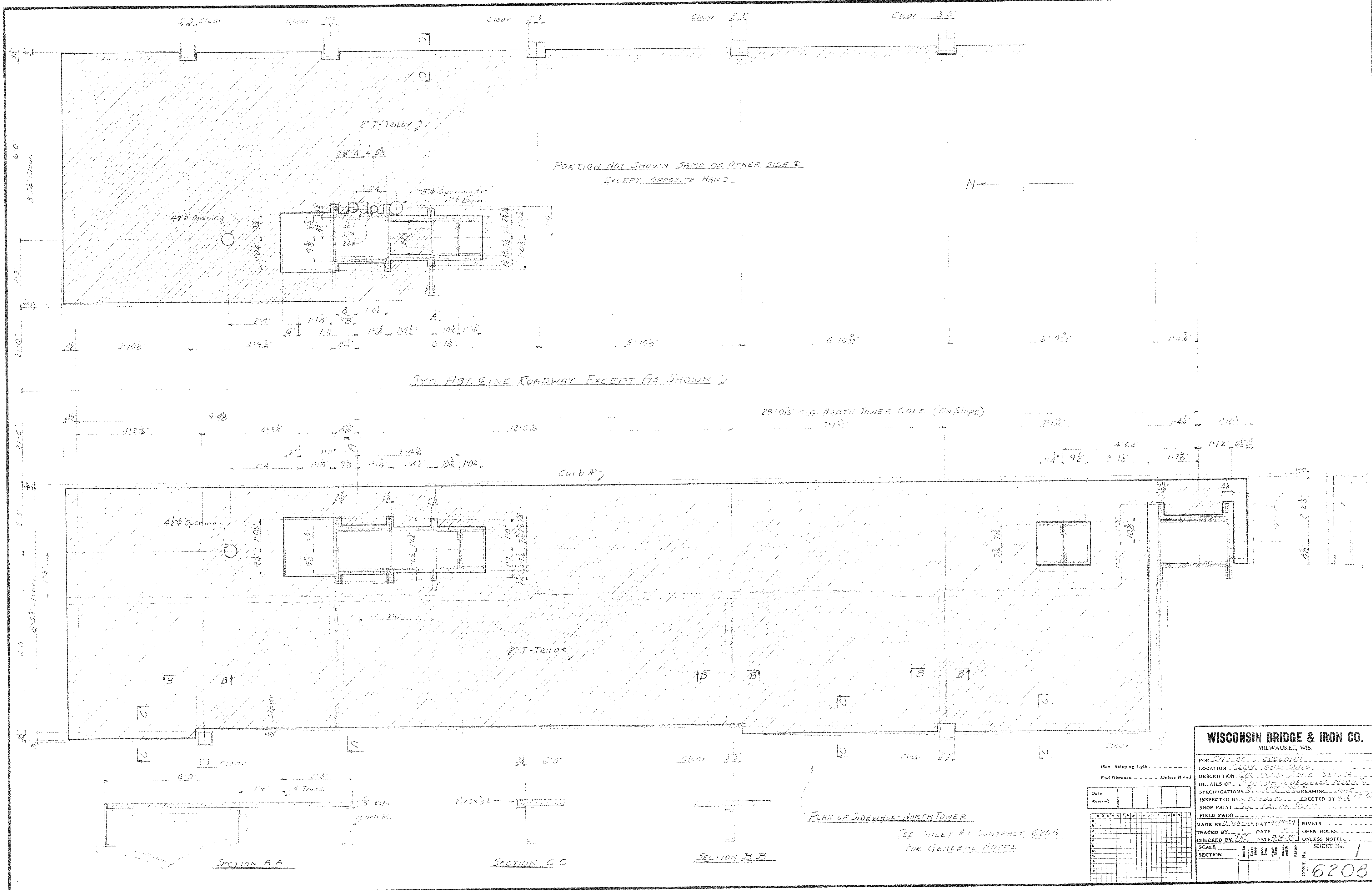
P.W.A. No. 04-1756F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

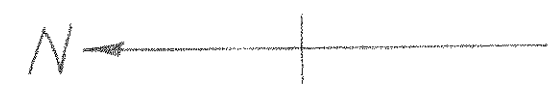
FOR: CITY OF MILWAUKEE
 LOCATION: MILWAUKEE, WIS.
 DESCRIPTION: MILWAUKEE BRIDGE
 DETAILS OF: PLATES
 SPECIFICATIONS: REAMING
 INSPECTED BY: ERIC J. JENSEN
 SHOP PAINT: ERIC J. JENSEN
 FIELD PAINT: ERIC J. JENSEN

MADE BY: DATE: 11/75 RIVETS:
 TRACED BY: DATE: 1/76 OPEN HOLES: 12
 CHECKED BY: JFS DATE: 10/25/59 UNLESS NOTED.

SCALE SECTION: SHEET No. 2
 CONT. No. 6207



PORTION NOT SHOWN SAME AS OTHER SIDE &
EXCEPT OPPOSITE HAND



SYM. ABT. & LINE ROADWAY EXCEPT AS SHOWN

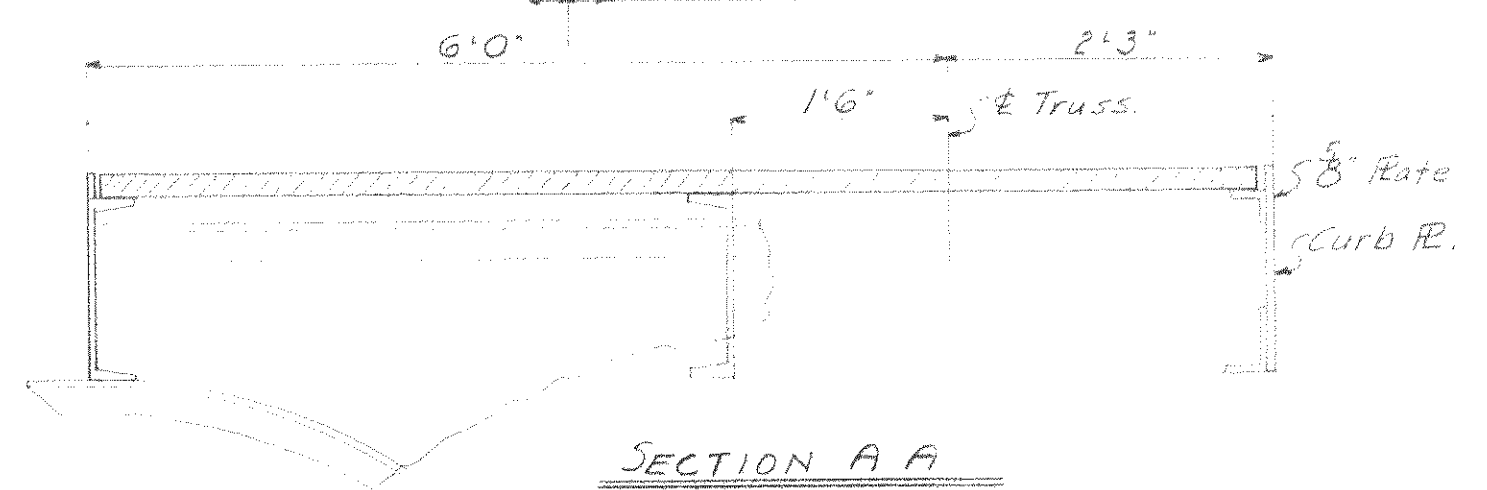
28'-0 1/2" C.C. NORTH TOWER COLS. (ON Slope)

Curb R

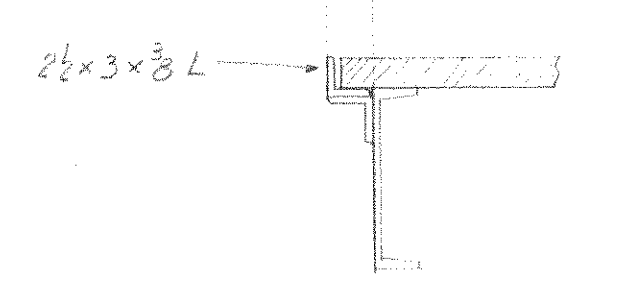
2' T-TRILOK

PLAN OF SIDEWALK - NORTH TOWER

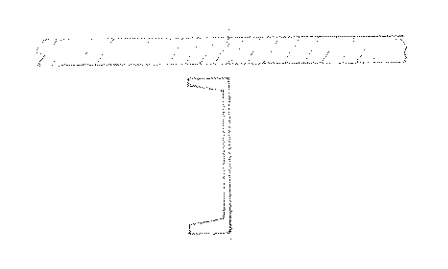
SEE SHEET #1 CONTRACT 6206
FOR GENERAL NOTES.



SECTION A A



SECTION C C



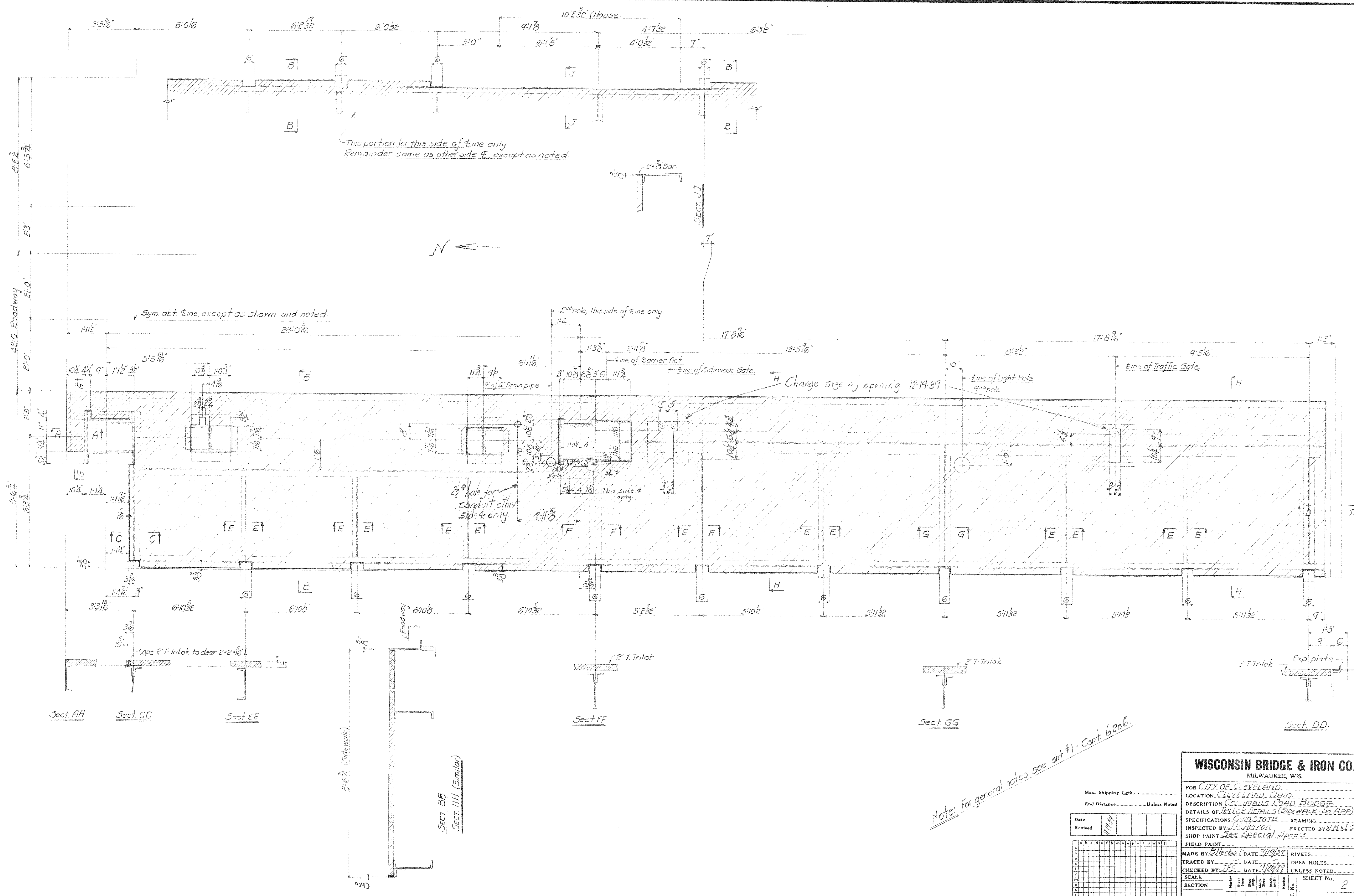
SECTION B B

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR CITY OF CLEVELAND.
LOCATION CLEVELAND, OHIO
DESCRIPTION COL MB&S ROAD BRIDGE
DETAILS OF PLAN OF SIDEWALKS NORTH TOWER
SPECIFICATIONS 1917 STATE SPEC. UNLESS NOTED
INSPECTED BY J.H. REASON ERECTED BY W.B. & I. Co.
SHOP PAINT SEE RELEVANT SPECS.

MADE BY W. Schuler	DATE 1-19-17	RIVETS
TRACED BY	DATE	OPEN HOLES
CHECKED BY J.S.	DATE 7-2-17	UNLESS NOTED
SCALE		SHEET No. 1
SECTION		CONT. No. 6208

Date	
Revised	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	



This portion for this side of E line only.
Remainder same as other side E, except as noted.

Sym abt E line, except as shown and noted.

H Change size of opening 12-19-39

2" hole for conduit other side E only.

Note: For general notes see sht #1 - Cont 6206.

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

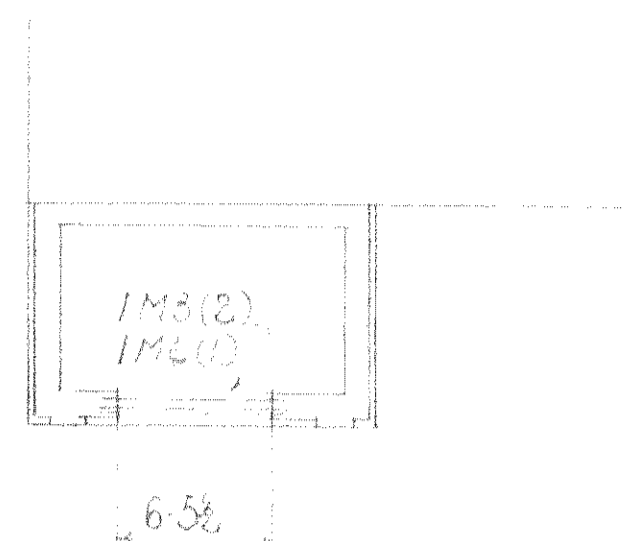
FOR CITY OF CLEVELAND
LOCATION CLEVELAND, OHIO
DESCRIPTION COLUMBUS ROAD BRIDGE
DETAILS OF TRILOK DETAILS (SIDEWALK - 30 APP)
SPECIFICATIONS OHIO STATE REAMING
INSPECTED BY T. HICKMAN ERECTED BY W.B. & I. Co.
SHOP PAINT - See Special Specs.

FIELD PAINT
MADE BY Hercules DATE 7/19/39 RIVETS
TRACED BY JES DATE 7/19/39 OPEN HOLES
CHECKED BY JES DATE 7/19/39 UNLESS NOTED

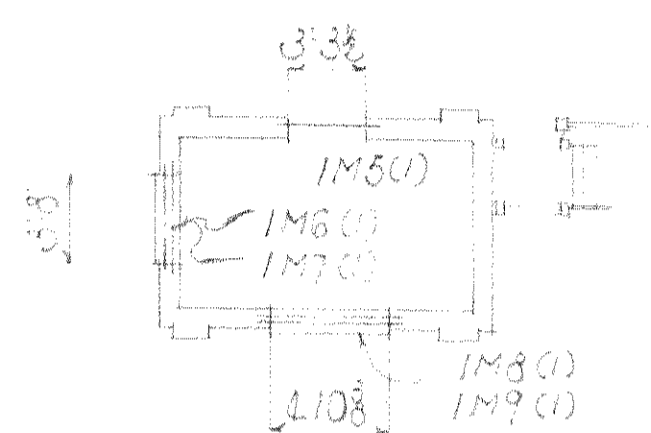
SCALE SHEET No. 2
SECTION CONT. No. 6208

Date	7/19/39
Revised	
Max. Shipping Lgh.	
End Distance	Unless Noted

North

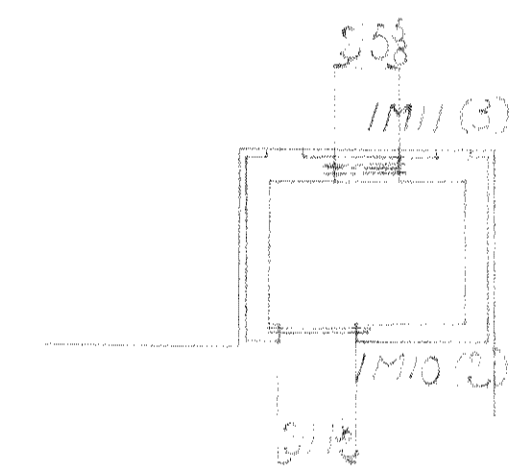


Plan of floor @ El. 583.67

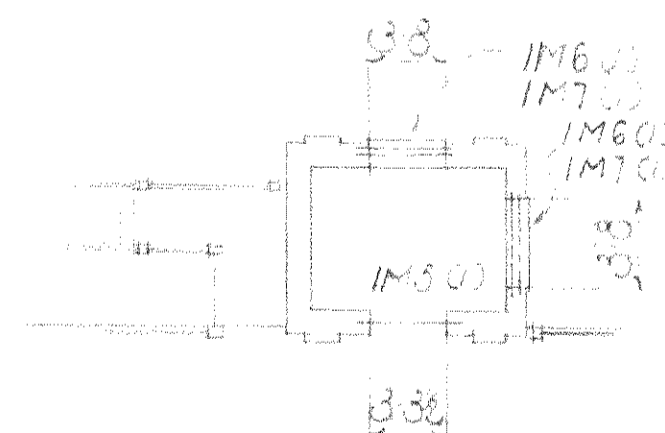


Plan of floor & side walk

Plan of gate tenders house north pier

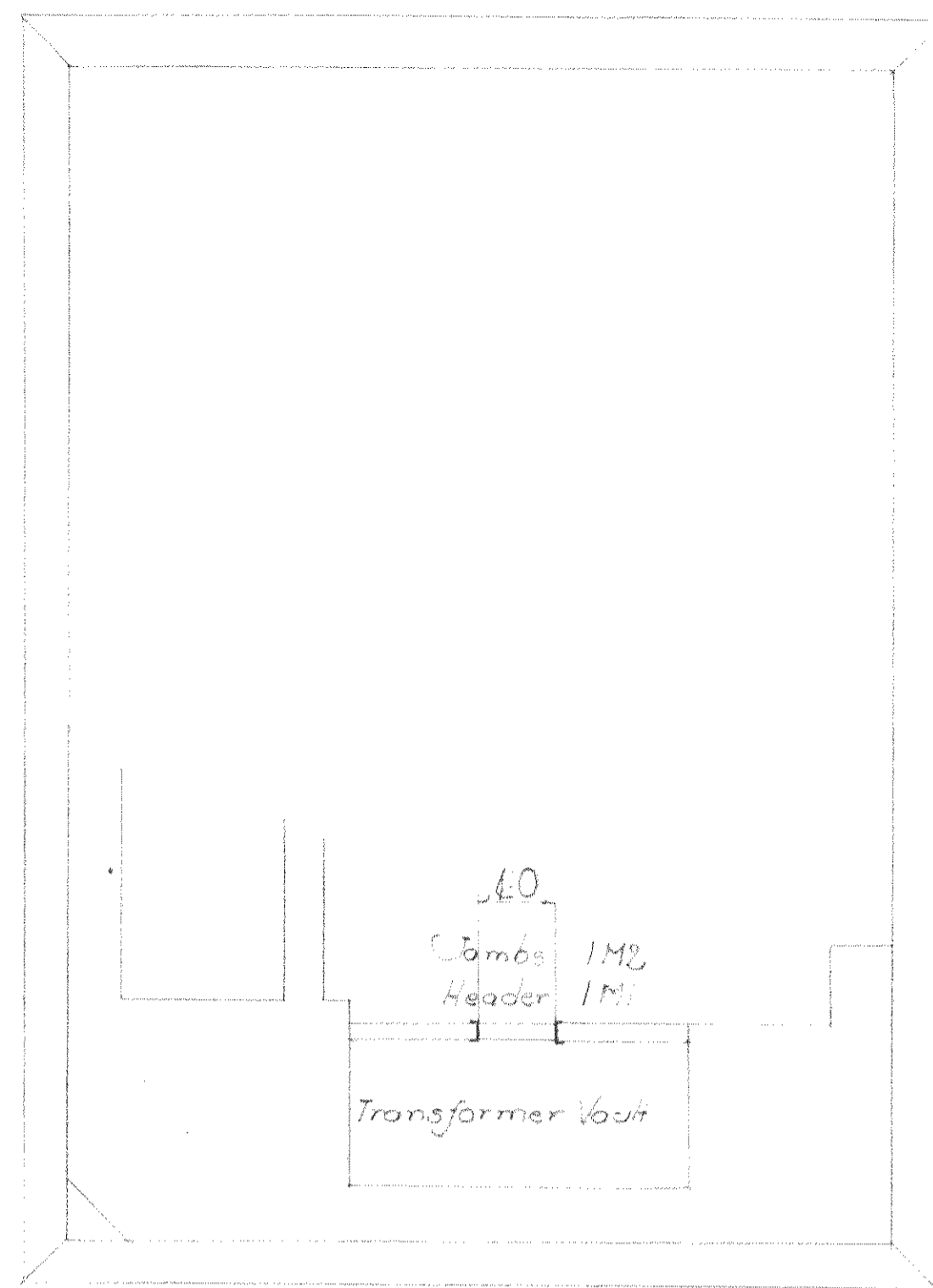


Plan of floor @ El. 595.75

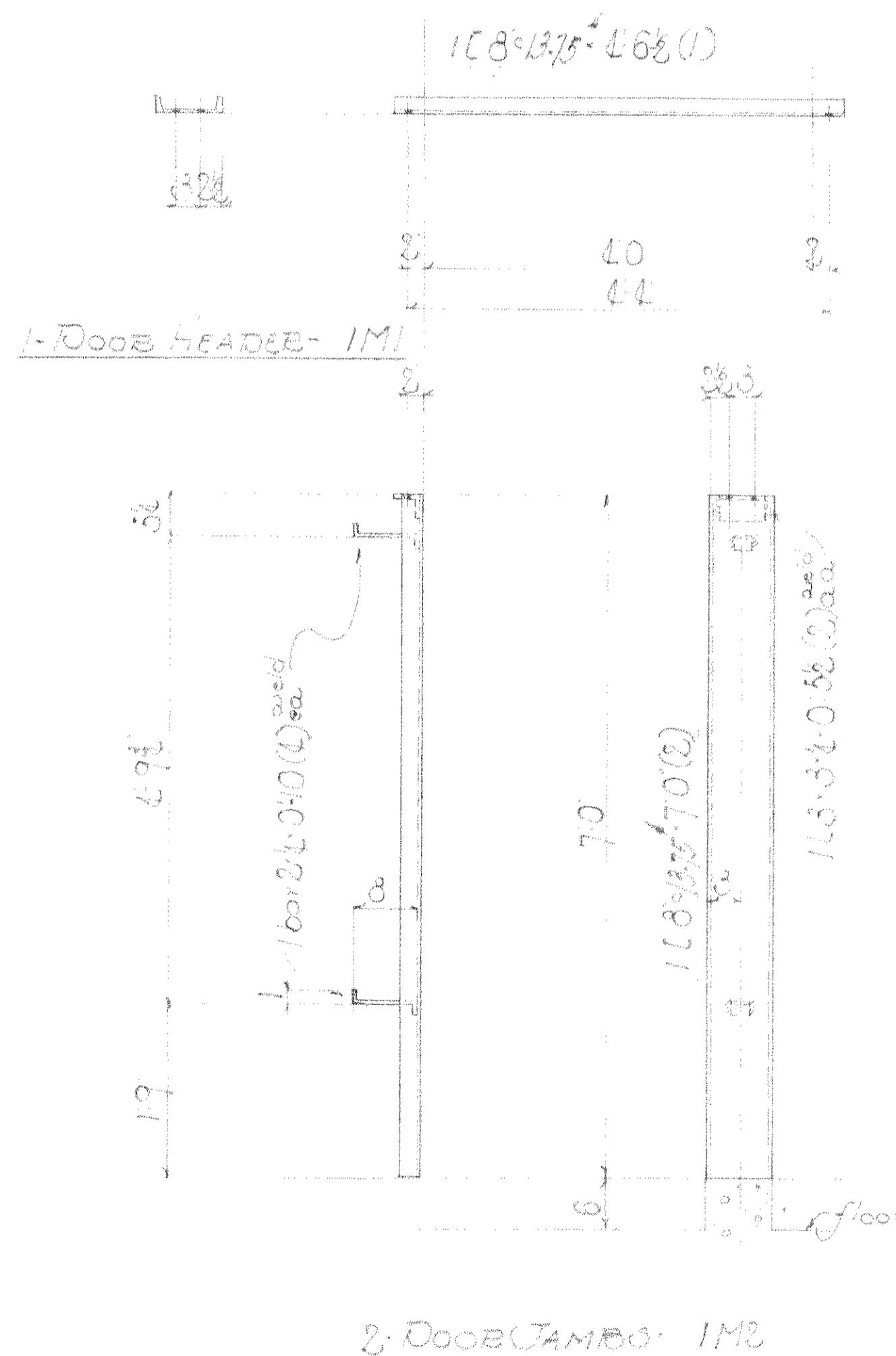


Plan of floor @ El. 606.73

Plan of gate tenders house south pier



Plan of floor @ El. 583.75



Note:
All steel to be copper bearing carbon
Paint marks for Sect A Yellow
Sect D Black

Summary of parts

Sect A	Sect D	Total	Description	Mark.	Bill	By
1	1	2	Door Header	IM1	11/11	11/11
2	2	4	Door Jambos	IM2		
2	2	4	4-3-38-76	IM3	11/11	11/11
1	1	2	2-3-38-76	IM4		
1	1	2	2-38-38-48	IM5		
1	2	3	3-38-38-48	IM6		
1	2	3	2-5-38-48	IM7		
1	1	2	2-38-38-48	IM8		
1	1	2	2-5-38-48	IM9		
2	2	4	4-38-38-48	IM10		
3	3	6	6-38-38-48	IM11		

RW4. D. Sect 804-1788-F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

Max. Shipping Lth. 70
End Distance Unless Noted

Date	
Revised	

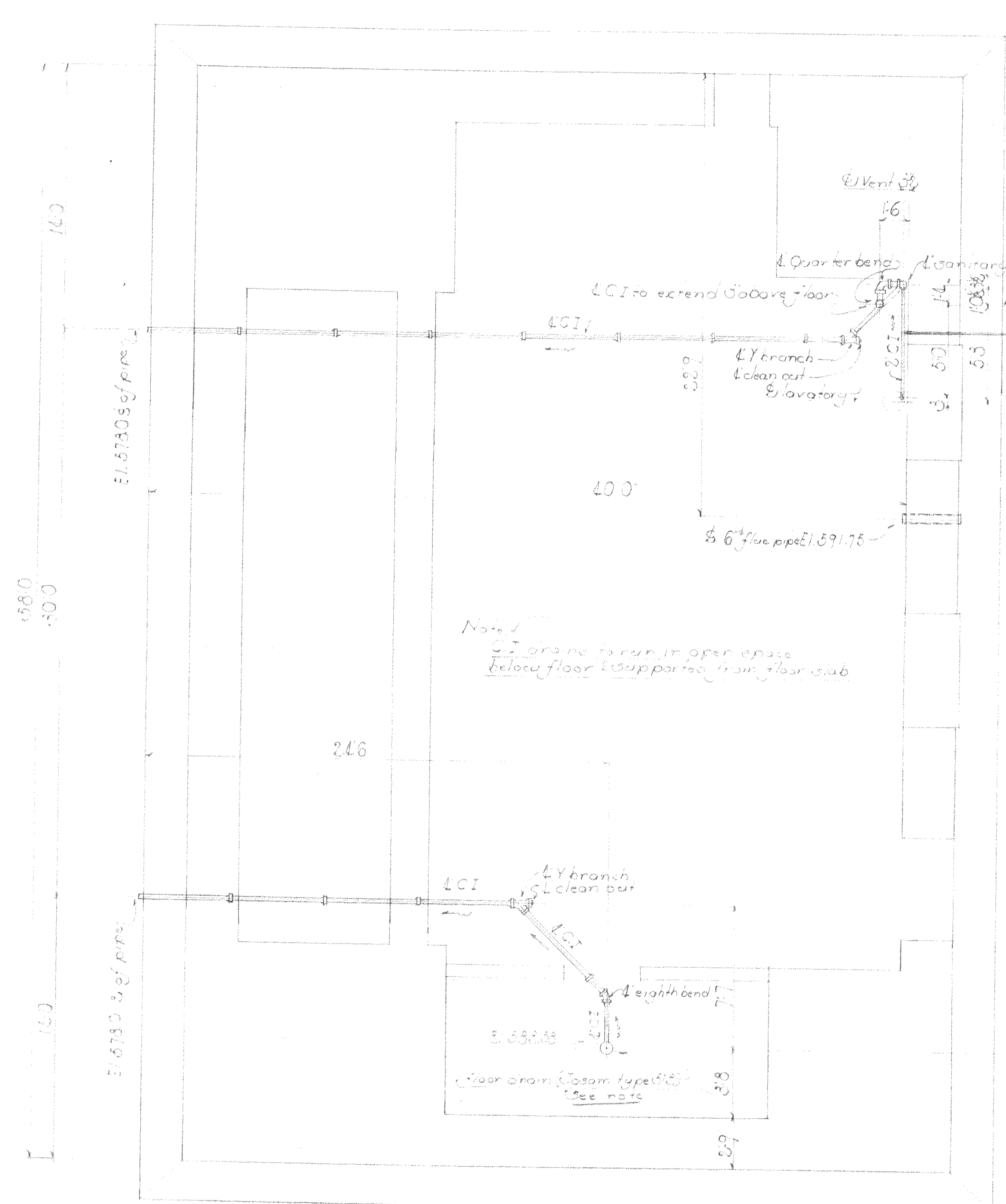
SECTION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
---------	---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

FOR: City of Milwaukee
LOCATION: Wisconsin State Bridge
DESCRIPTION: Various Door Frames
DETAILS OF: Iron for gate house
SPECIFICATIONS: Qualitate REAMING
INSPECTED BY: W.B. Healey ERECTED BY: W.B. Healey
SHOP PAINT: 1/2 lb. Lead Chromate (per spec.)
FIELD PAINT: Zinc (per spec.)

MADE BY: W.B. Healey DATE: 11/11/11 RIVETS
TRACED BY: W.B. Healey DATE: 11/11/11 OPEN HOLES
CHECKED BY: M.G. DATE: 11/11/11 UNLESS NOTED

SCALE SECTION: AD

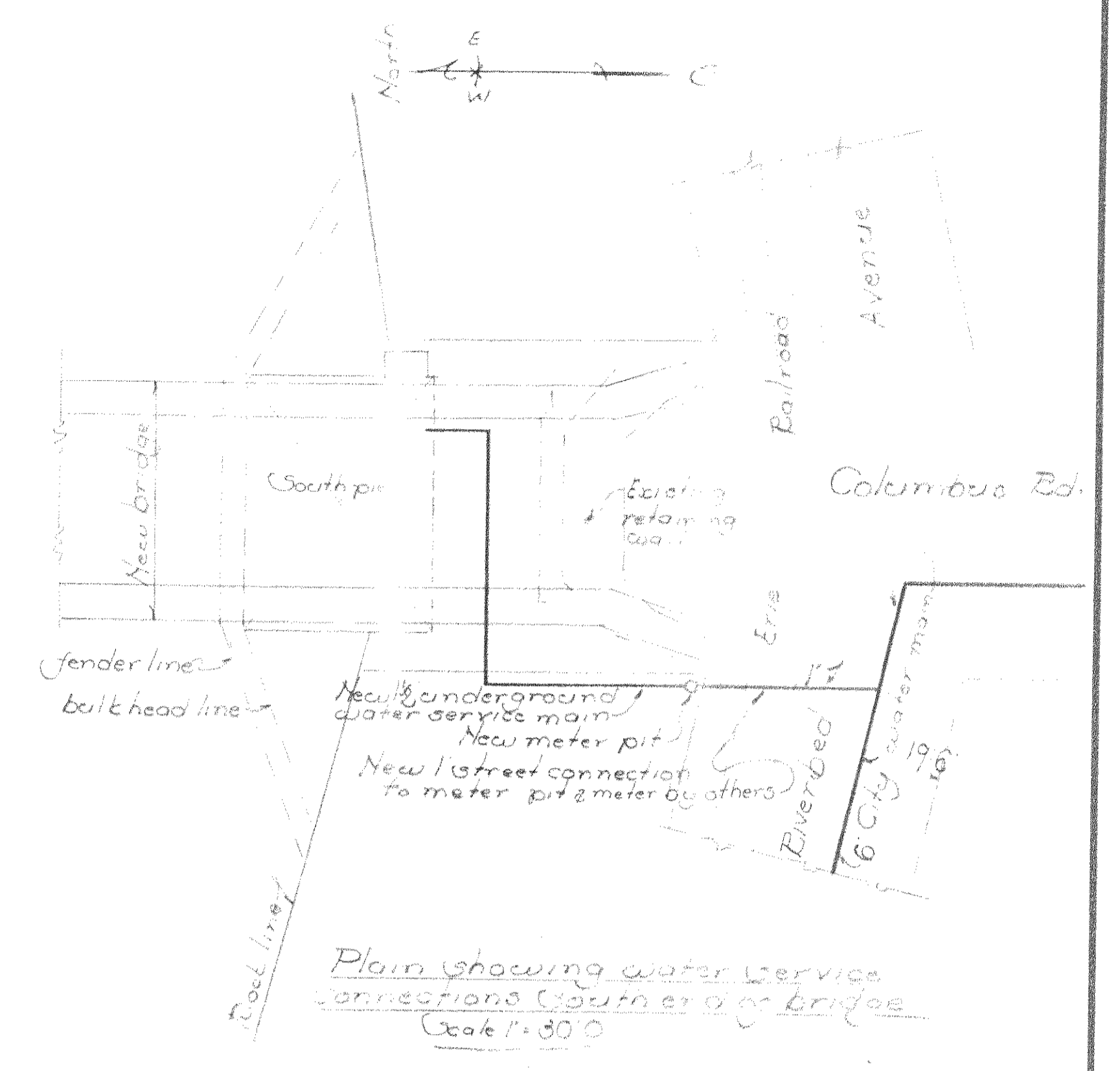
CONT. No. SHEET No. 1
6210



Plan of floor @ E1.635.76 (lower pier)

Water service riser in open space below floor E1.635.76 shall be covered with 1 thickness of cork insulation, canvas jacketed & painted two coats lead & oil paint. Also cover in a similar manner that portion of the service main extending thru wall of the pier. Riser to extend 6" above floor and capped.

Note: LCI piping to run in open space below floor & supported from floor slab.



Plan showing water service connections to pier & bridge. Scale 1" = 30' 0"

Summary of parts			March 31, 1914
Ex heavy	25	length of LCI pipe 60 lb	65
	3	length of LCI gal pipe 50 lb	
		150 feet 1 1/2" gal pipe	
Ex heavy	2	L Y branches	65
	2	L Clean out with plug covers	
	1	L Sanitary Tee and 1/2" R.H.	
	1	3 Elbow CT	65
	3	1 1/2" Elbow galv. M.I.	
	1	J trap floor from type 1518	65
	1	6" Galv. pipe 50 gal & 3"	65

Note: Floor drains shall be J trap type 1518 or approved equal having heavy cast iron body and anti-filling cast iron seats.

PWA Pocket No. OH 1760

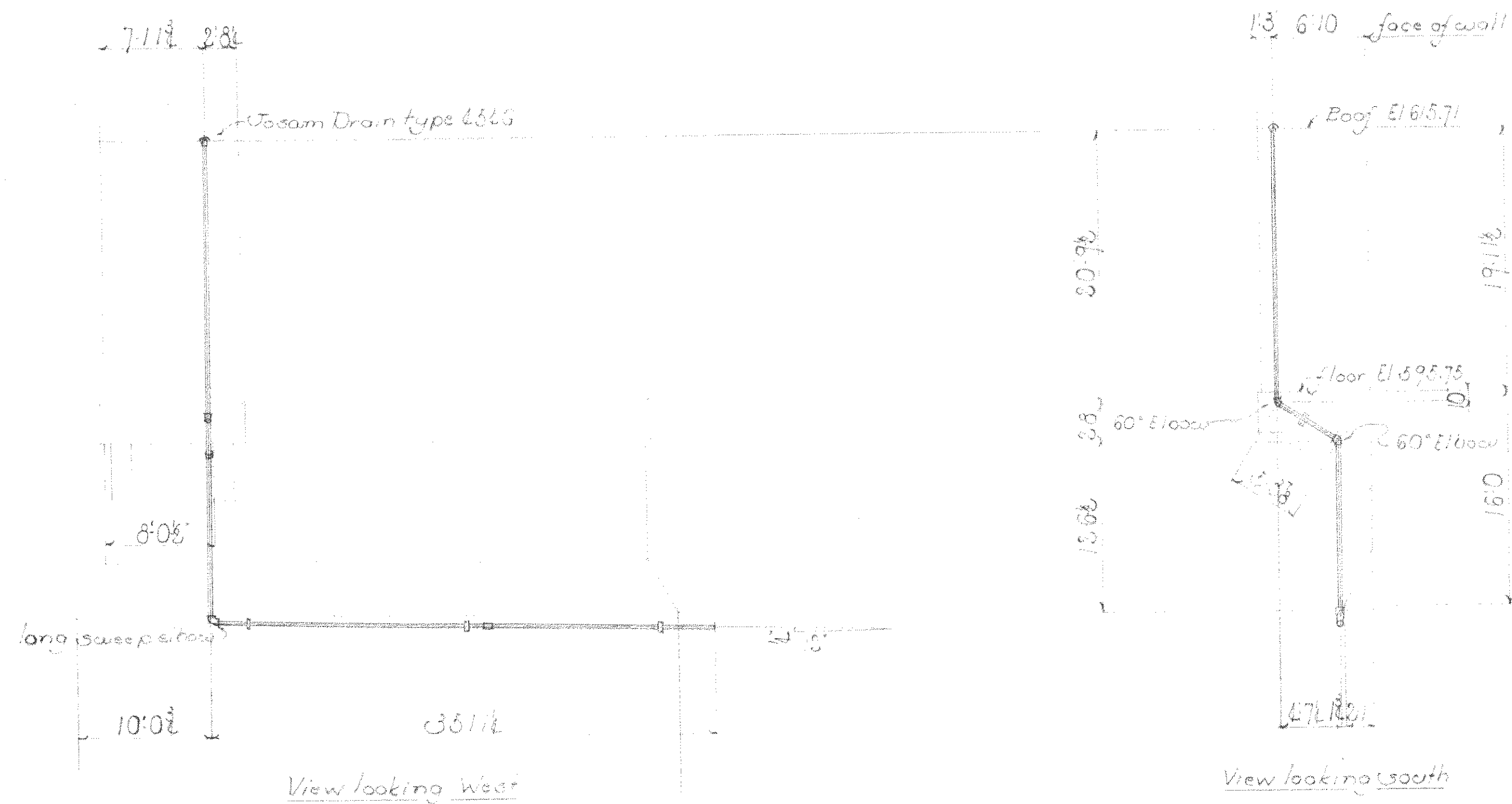
WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

Max. Shipping Length _____
End Distance _____ Unless Noted

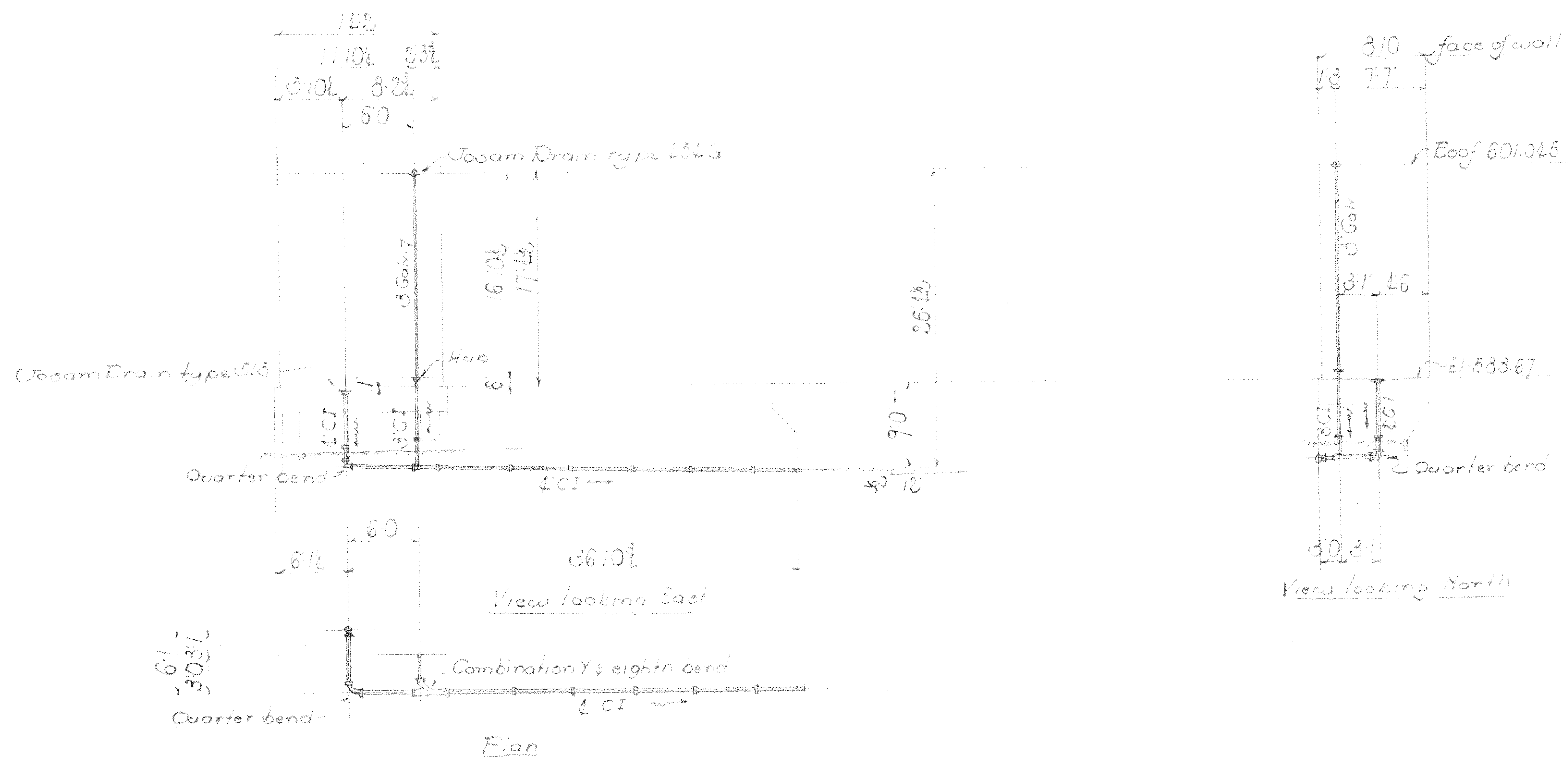
Date	Revised

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FOR CITY OF CLEVELAND
 LOCATION Cleveland Ohio
 DESCRIPTION Columbus Road Bridge
 DETAILS OF Water Works
 SPECIFICATIONS See Plans REAMING None
 INSPECTED BY W. M. Mason ERECTED BY W. M. Mason
 SHOP PAINT _____
 FIELD PAINT _____
 MADE BY K.M.S. DATE 1/20/14 RIVETS _____
 TRACED BY _____ DATE _____ OPEN HOLES _____
 CHECKED BY Mason DATE 2/2/14 UNLESS NOTED _____
 SCALE _____ SHEET No. 2
 SECTION _____
 CONT. No. 6210



Docum spoofs Gate Tender house
South pier



Docum spoofs Gate Tender House
North pier

Summary of parts

Total	Description	Mark	Bill	Est
1	R.G.P.C. total gate 2000	SM		
1	R.G.P.C. 4" x 6" 81	SMC		
1	R.G.P.C. 4" x 6" 81	SMC		
1	R.G.P.C. 4" x 6" 81	SMC		
10	lengths LCI 1000 pipe 30			
3	lengths LCI 1000 pipe 30			
1	1" long sweep 2100000 M1			
2	3 60° 110000 S.M.I.			
1	1" Combination eight bend			
2	1" Quarter bend			
1	1" Quarter bend			
1	1" LCI reducer			
2	Jocam log frame type 4545			
1	Jocam bar man type 513			

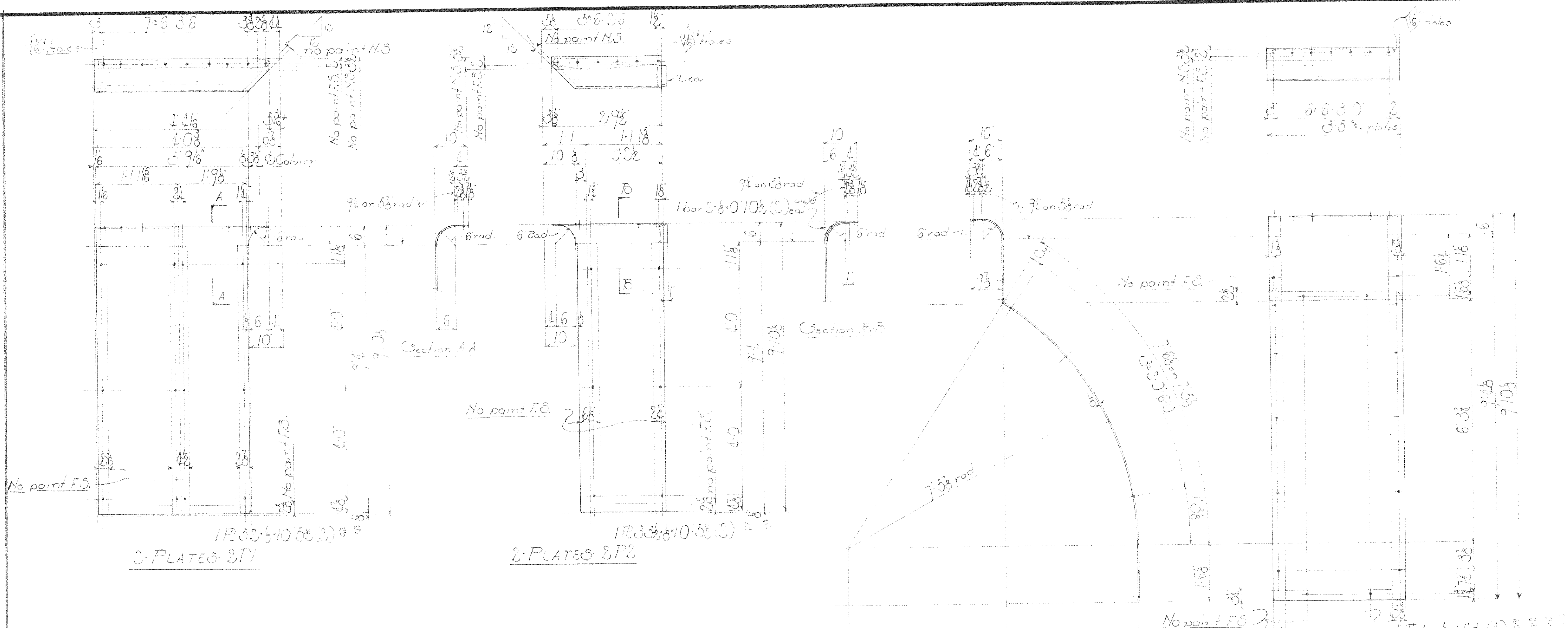
Handwritten notes:
 1. 1" LCI reducer
 2. 1" Quarter bend
 3. 1" Quarter bend
 4. 1" Quarter bend
 5. 1" Quarter bend
 6. 1" Quarter bend
 7. 1" Quarter bend
 8. 1" Quarter bend
 9. 1" Quarter bend
 10. 1" Quarter bend
 11. 1" Quarter bend
 12. 1" Quarter bend
 13. 1" Quarter bend
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 92. 1" Quarter bend
 93. 1" Quarter bend
 94. 1" Quarter bend
 95. 1" Quarter bend
 96. 1" Quarter bend
 97. 1" Quarter bend
 98. 1" Quarter bend
 99. 1" Quarter bend
 100. 1" Quarter bend

P.W.A. file No. OH. 766-F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR CITY OF CLEVELAND
 LOCATION: Cleveland, Ohio
 DESCRIPTION: Custom and Local Bridge
 DETAILS OF: Bridge
 SPECIFICATIONS: See plans REAMING: None
 INSPECTED BY: [Signature] ERECTED BY: [Signature]
 SHOP PAINT: [Signature]
 FIELD PAINT: [Signature]

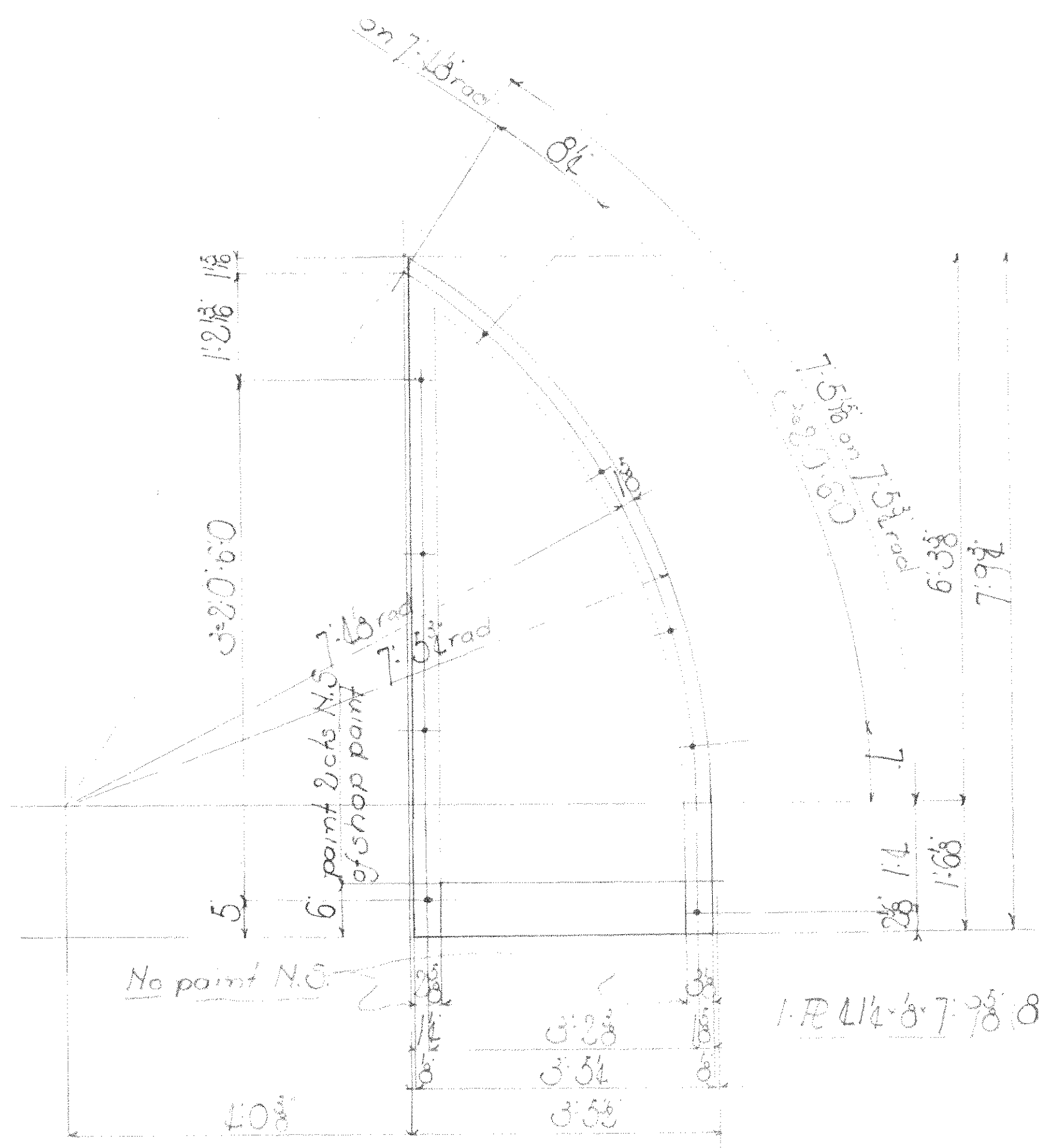
MADE BY: [Signature] DATE: [Date] RIVETS: [Signature]
 TRACED BY: [Signature] DATE: [Date] OPEN HOLES: [Signature]
 CHECKED BY: [Signature] DATE: [Date] UNLESS NOTED: [Signature]
 SCALE: [Signature] SHEET No. 3
 SECTION: [Signature] CONT. No. 6210



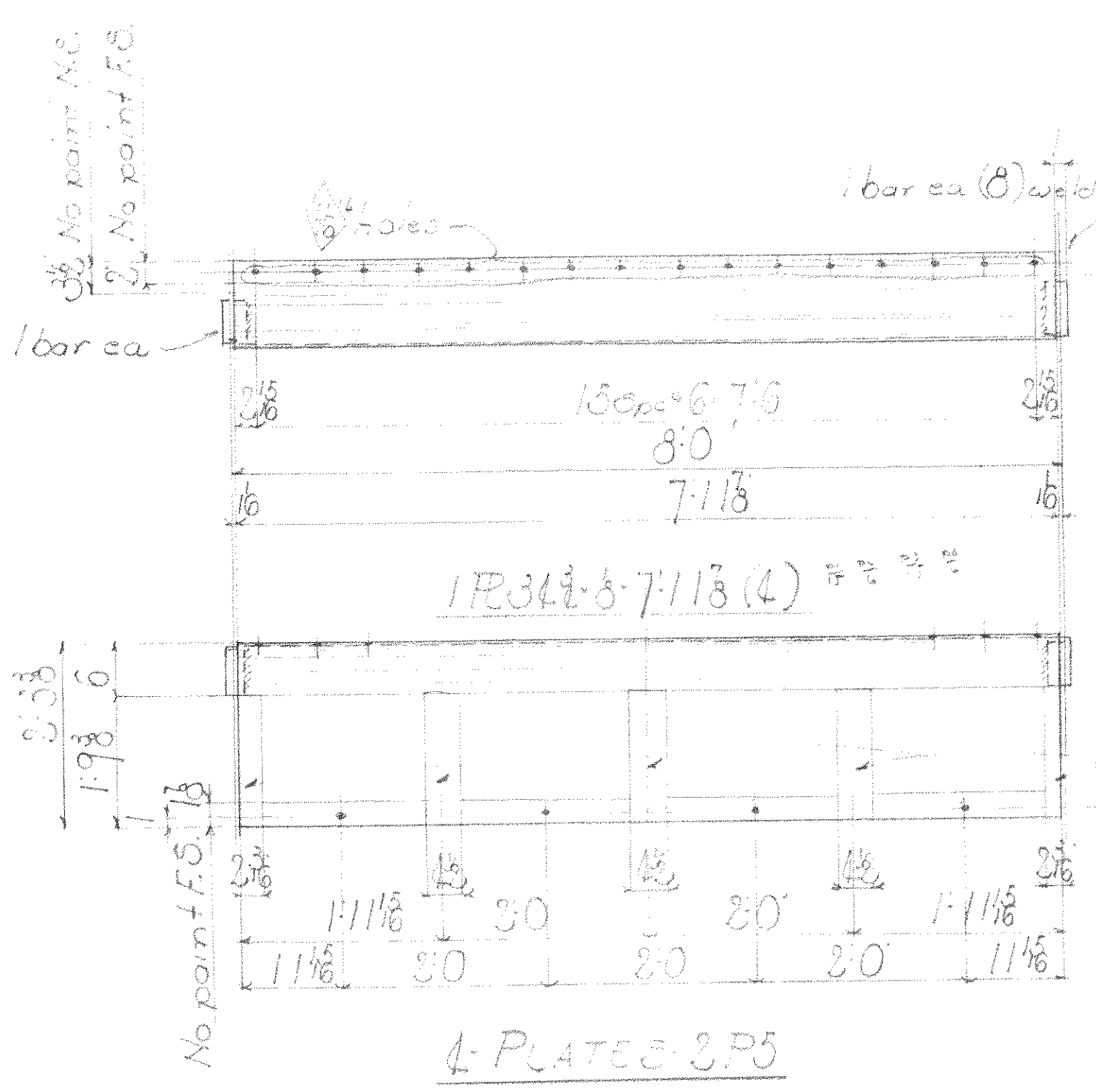
1 PLATE - 2P1
3 PLATES - 2P1

1 PLATE - 2P2
2 PLATES - 2P2

4 PLATES - 2P3E



8 PLATES - 2P4E
E Due to painting only



4 PLATES - 2P5

Note:
No paint contact surfaces when on field
All material Corten Steel
Paint mark for Sect R follow Sect 5 Plate

Summary of parts

Quantity	Description	Mark	Bill	D.C.
1	Plate	3P1	MKA	
1	2P2			
2	2P3E			
4	2P4E			
8	2P5			

PWA. No OH 1756 F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

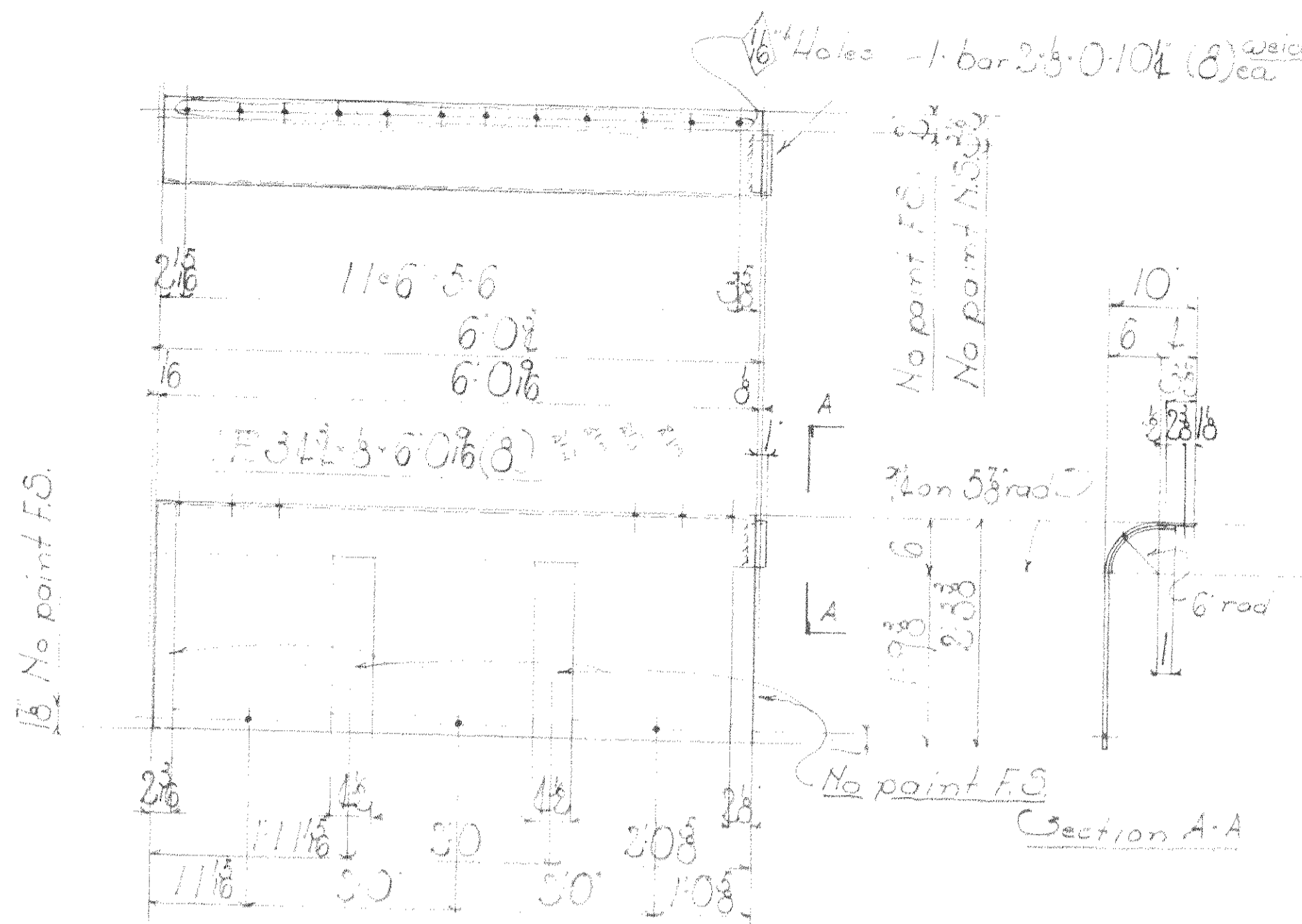
FOR: CITY OF CLEVELAND
LOCATION: Cleveland Ohio
DESCRIPTION: Cleveland Road Bridge
DETAILS OF: Plates for tower bases
SPECIFICATIONS: AISC 13th Ed. REAMING: None
INSPECTED BY: [Signature] ERRECTED BY: [Signature]
SHOP PAINT: 1/2 lb. Lead Chromate Primer
FIELD PAINT: 1/2 lb. Lead Chromate Primer

Max. Shipping Lgh. 910
End Distance: Unless Noted

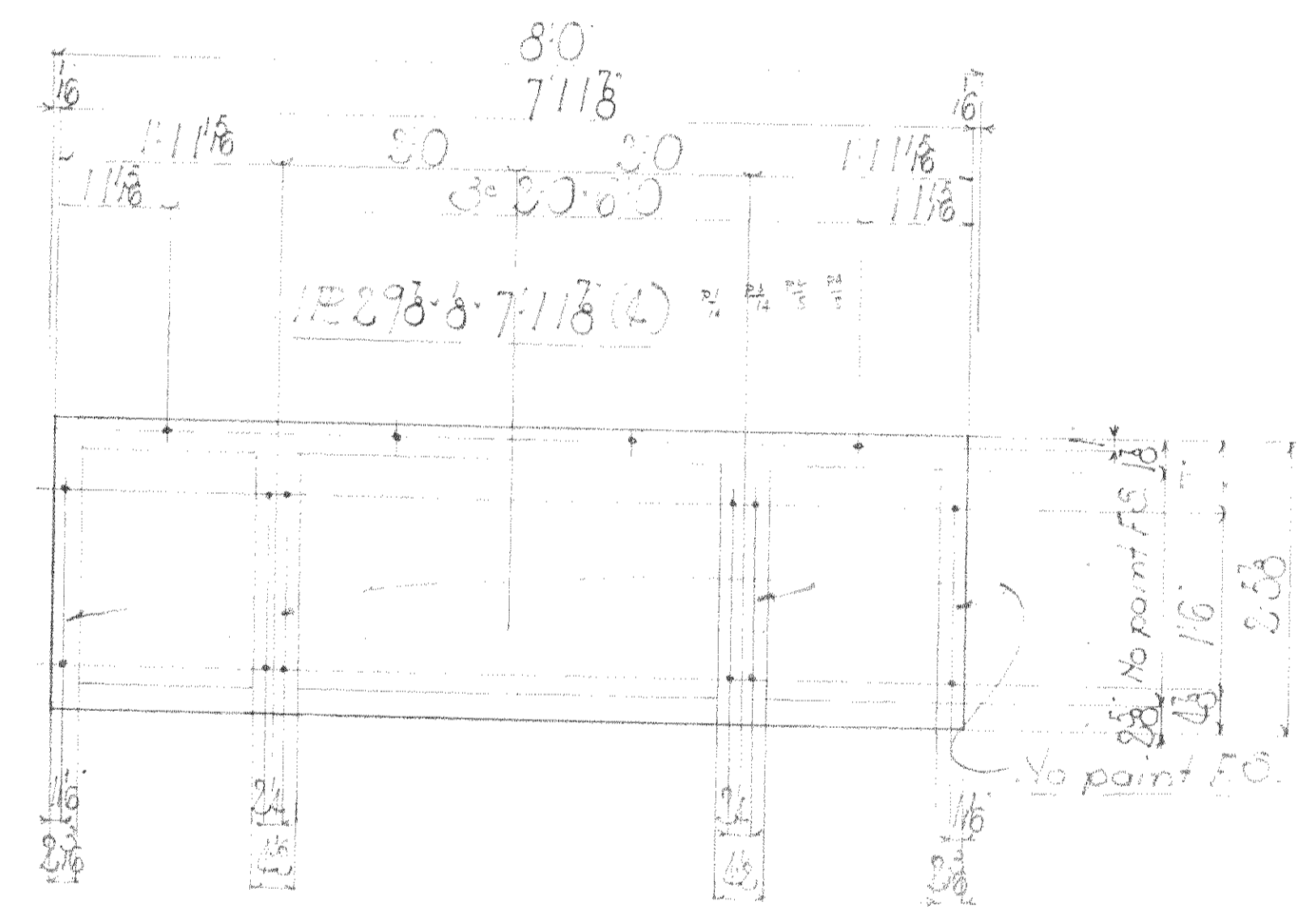
Date	
Revised	

MADE BY	DATE	RIVETS
TRACED BY	DATE	OPEN HOLES
CHECKED BY	DATE	UNLESS NOTED

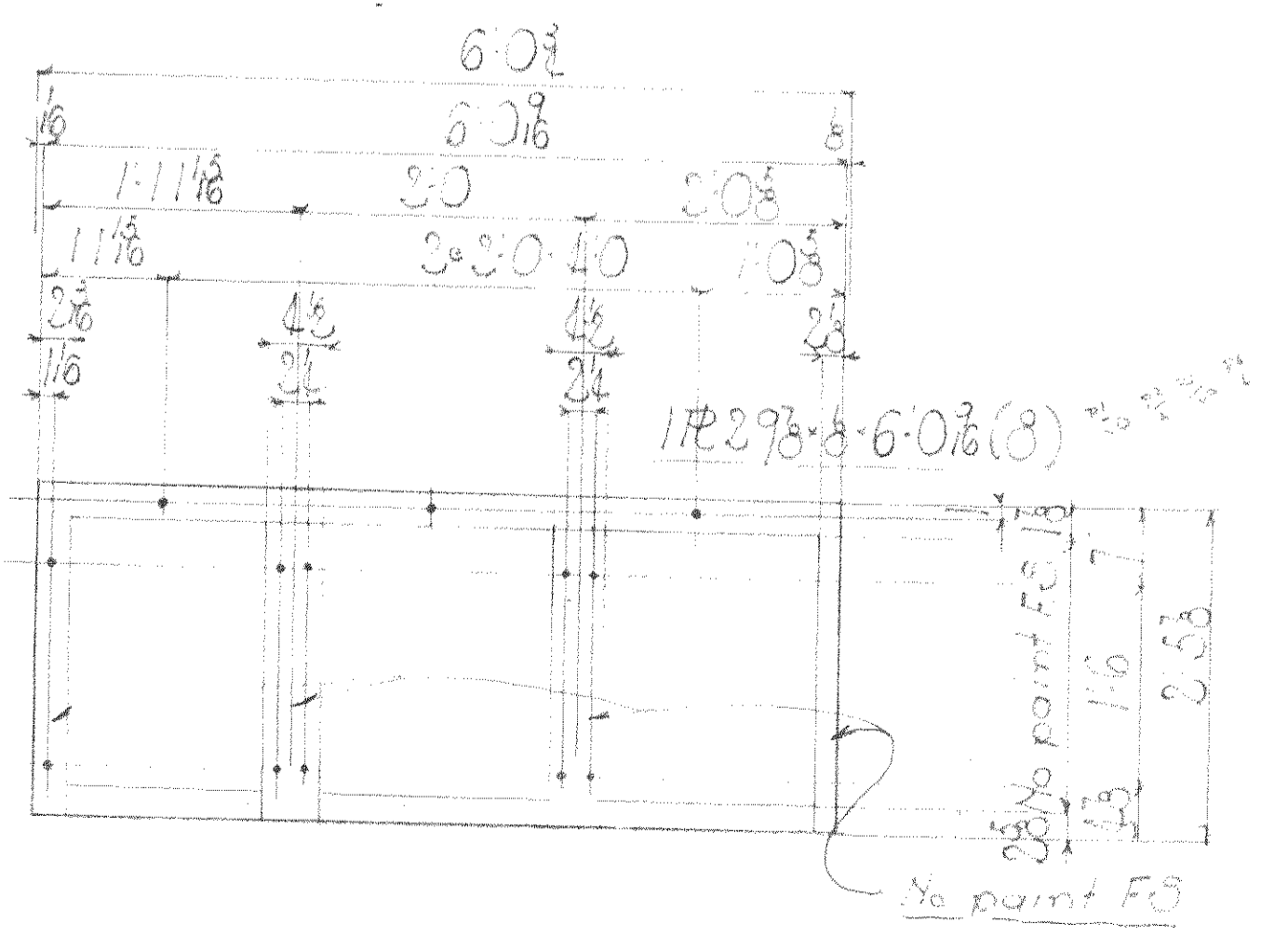
SCALE SECTION B-E
SHEET No. 3
CONT. No. 6311



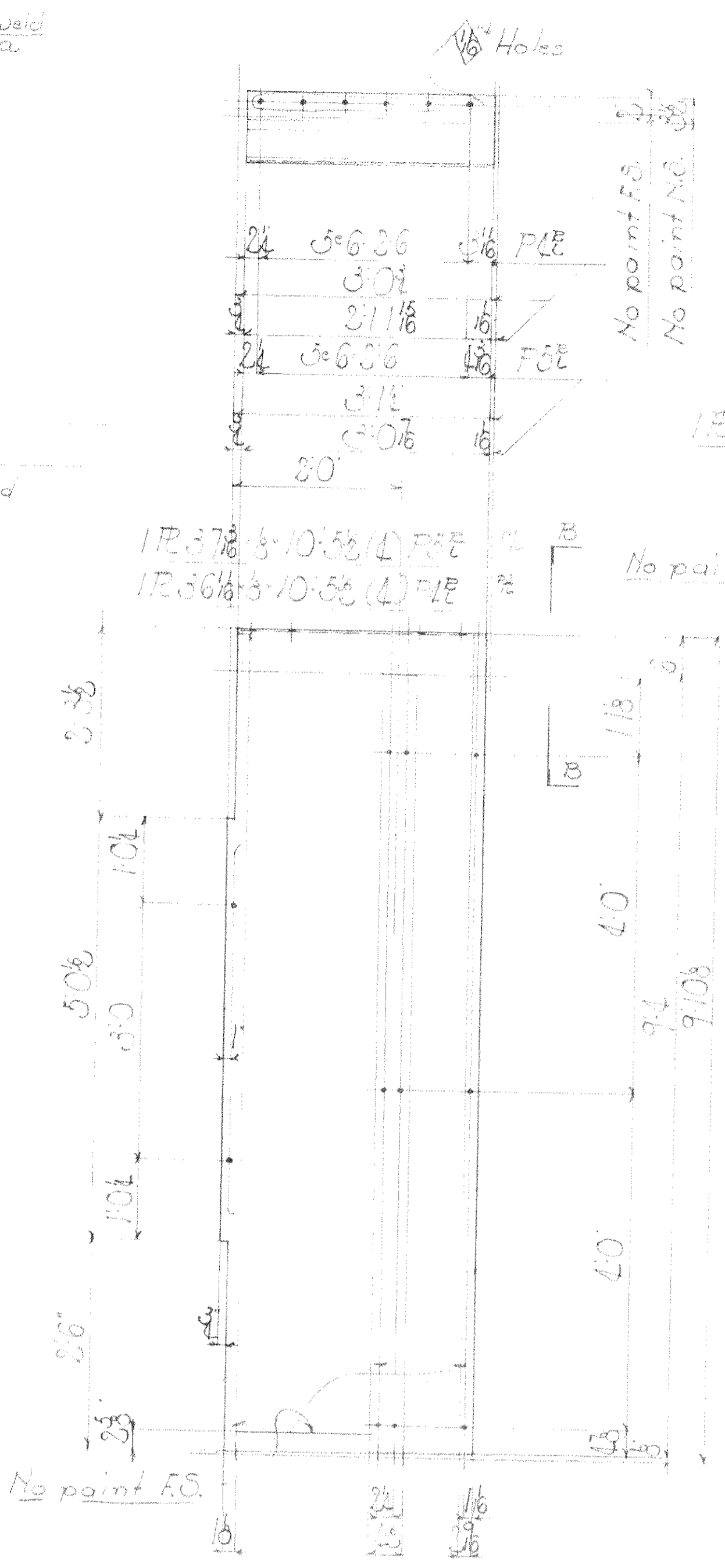
3 PLATES - 3P1E



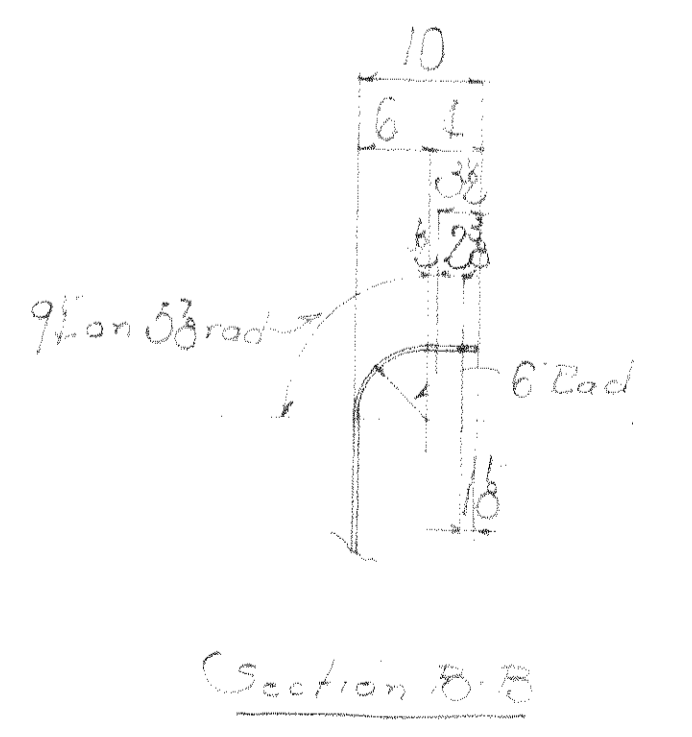
4 PLATES - 3P3



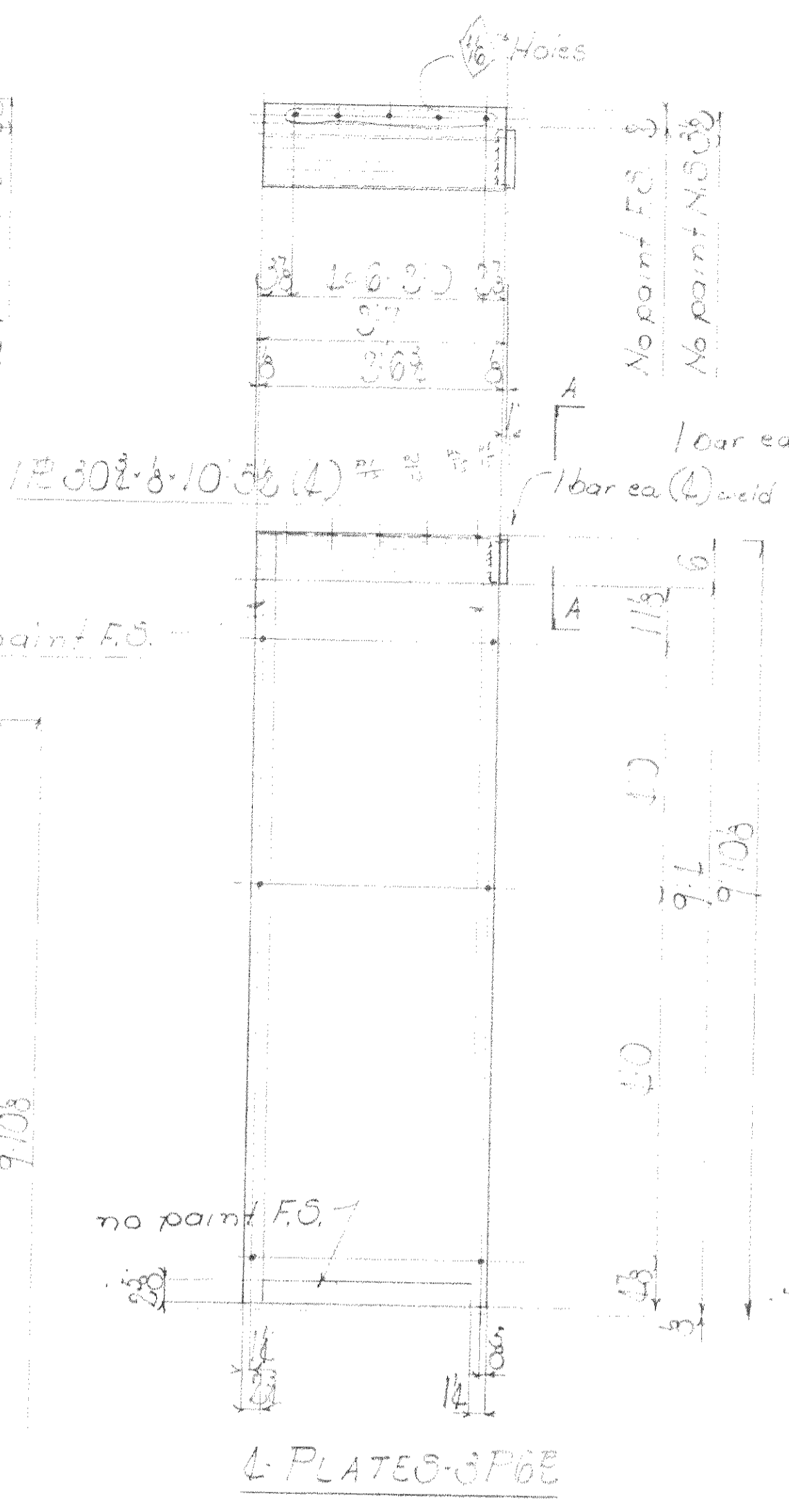
8 PLATES - 3P3E



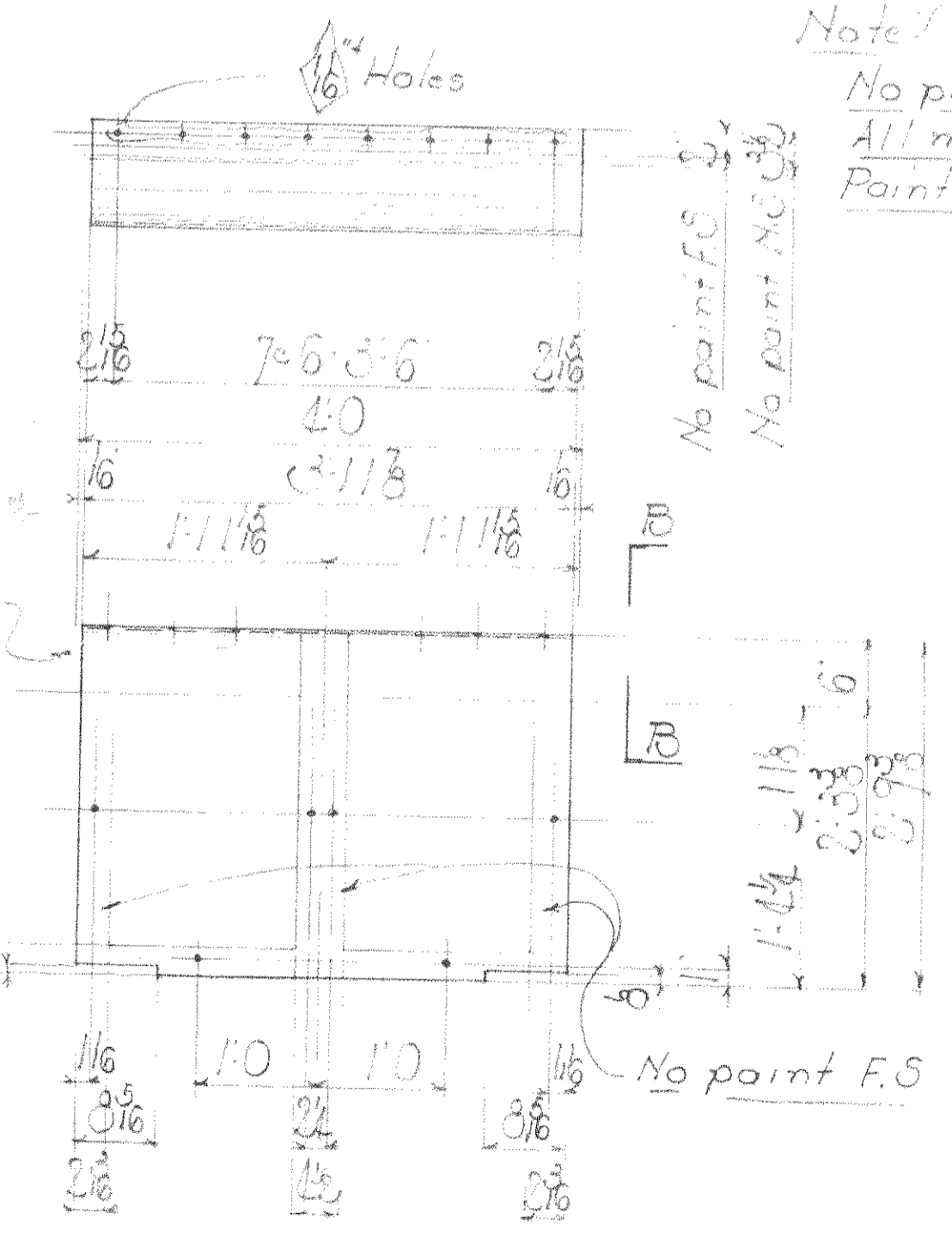
4 PLATES - 3P4E
4 - 3P5E



Section B-B



4 PLATES - 3P6E



4 PLATES - 3P9

Note:
No point contact surfaces shown in field
All material CorTen C steel
Paint marks for Sect B rivets and E blocks

Summary of parts

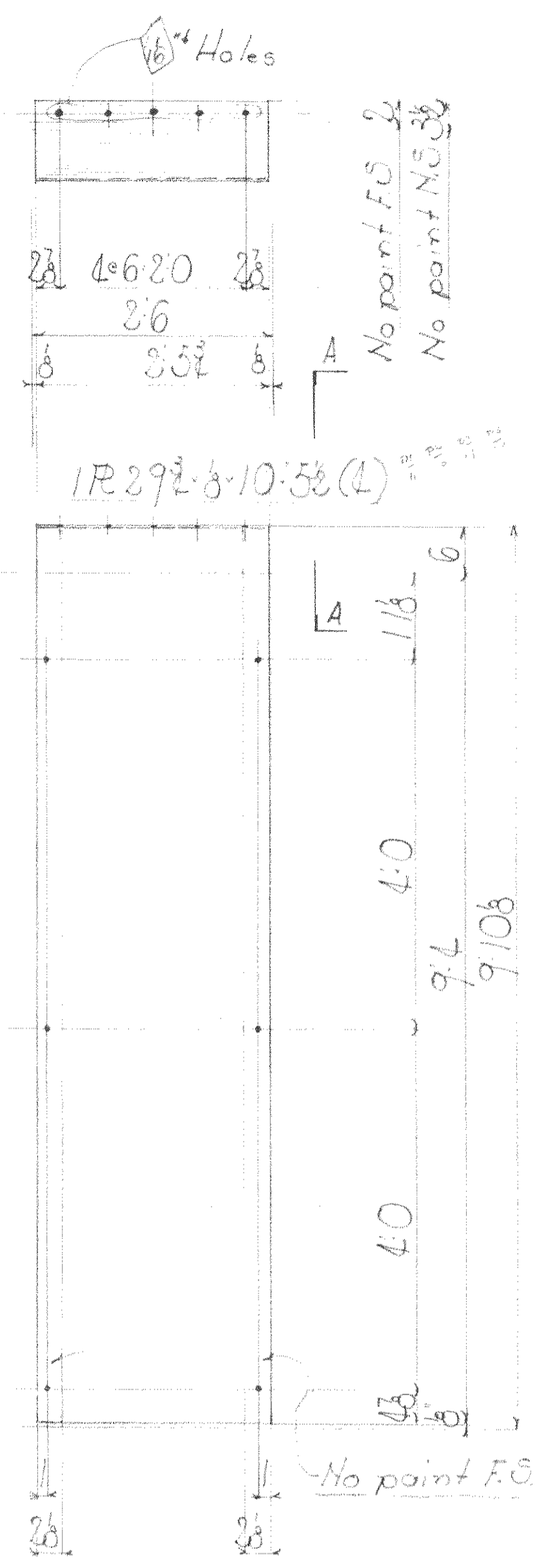
QTY	DESCRIPTION	NOTE
4	Plates	3P1E Msa
2		3P3
4		3P5E
2		3P6E
2		3P7E
1		3P8
2		3P9

R.W.A. No OH 1756-F

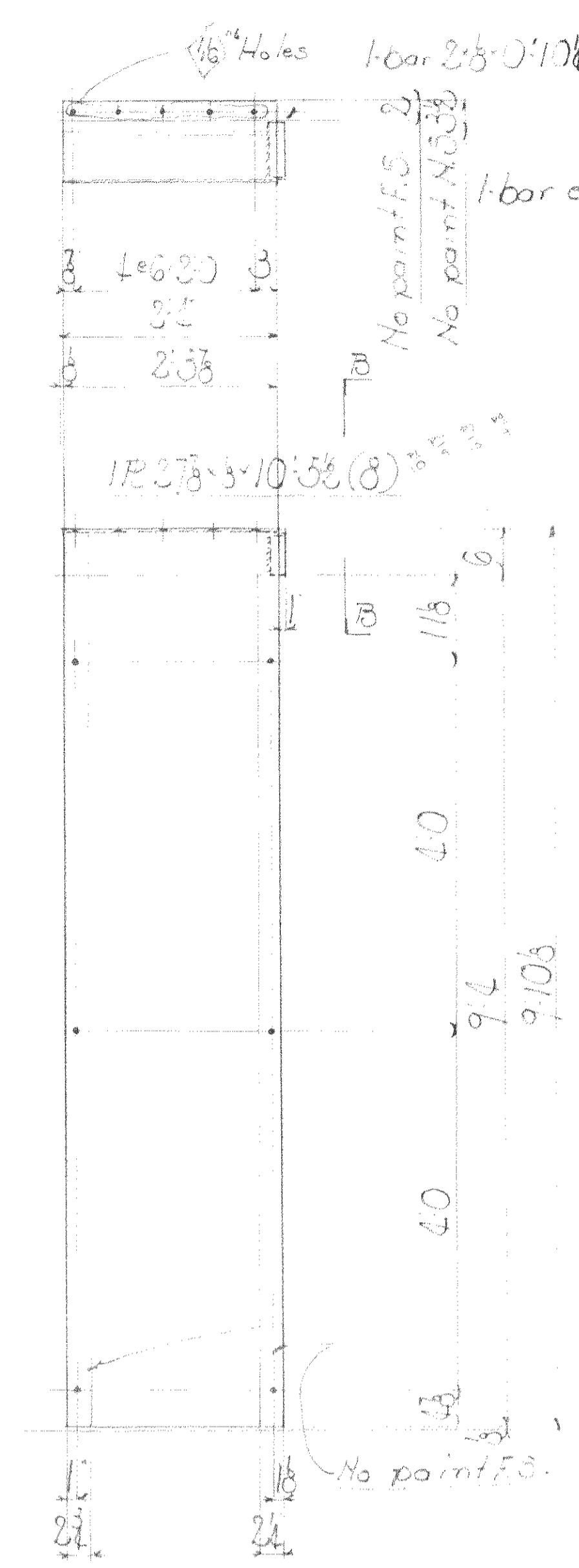
WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR: CITY OF CLEVELAND, OH
 LOCATION: Cleveland, Ohio
 DESCRIPTION: *Classified Road Bridge*
 DETAILS OF: *Classified Road Bridge*
 SPECIFICATIONS: *Ohio State* REAMING: *None*
 INSPECTED BY: *J. H. ...* ERRECTED BY: *W. B. ...*
 SHOP PAINT: *Black Chromate*
 FIELD PAINT: *Black Chromate*

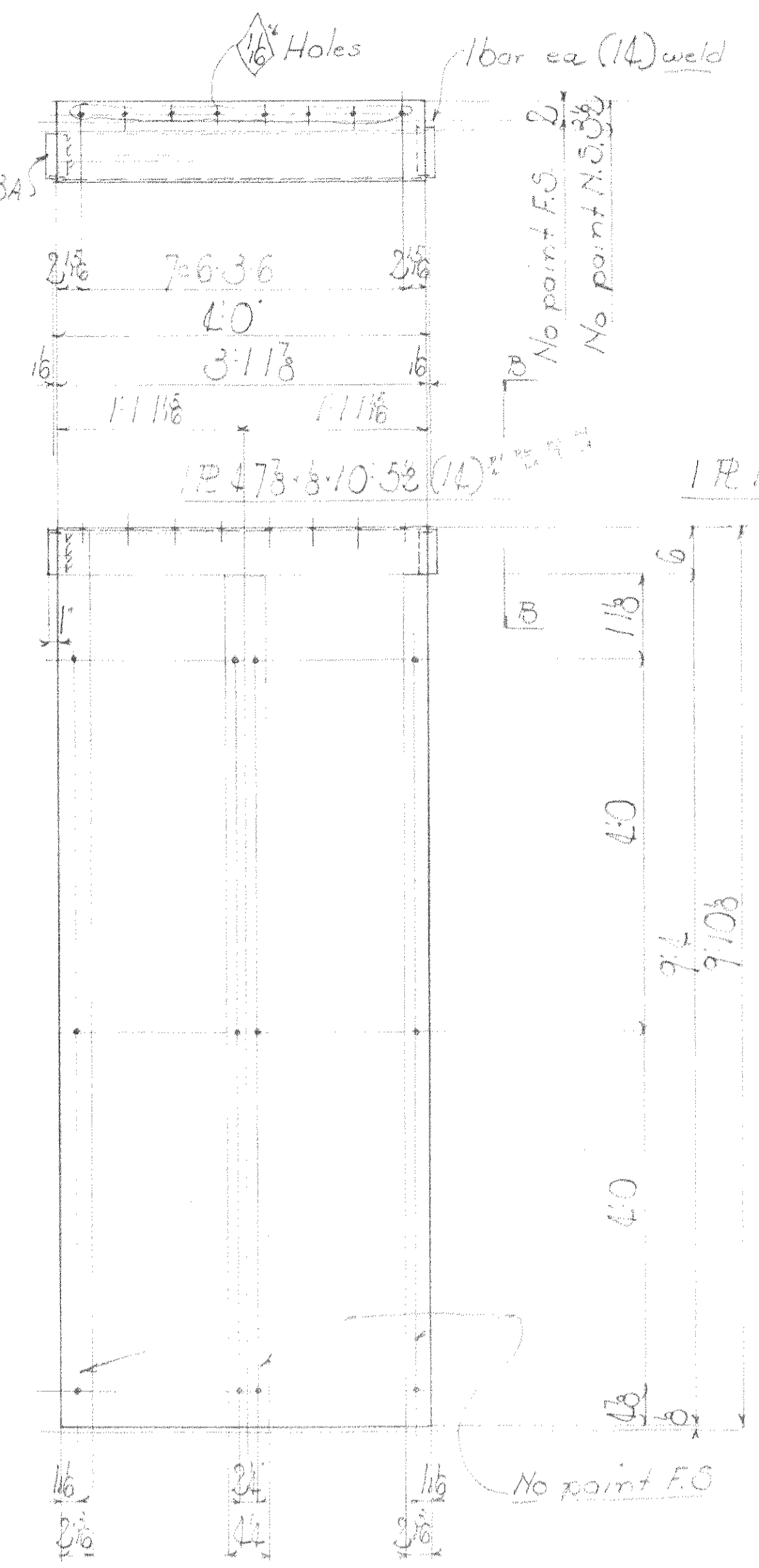
MADE BY: *...* DATE: *...* RIVETS: *...*
 TRACED BY: *...* DATE: *...* OPEN HOLES: *...*
 CHECKED BY: *...* DATE: *...* UNLESS NOTED:
 SCALE: *...* SHEET No. *...*
 SECTION: *3-E* CONT. No. *607*



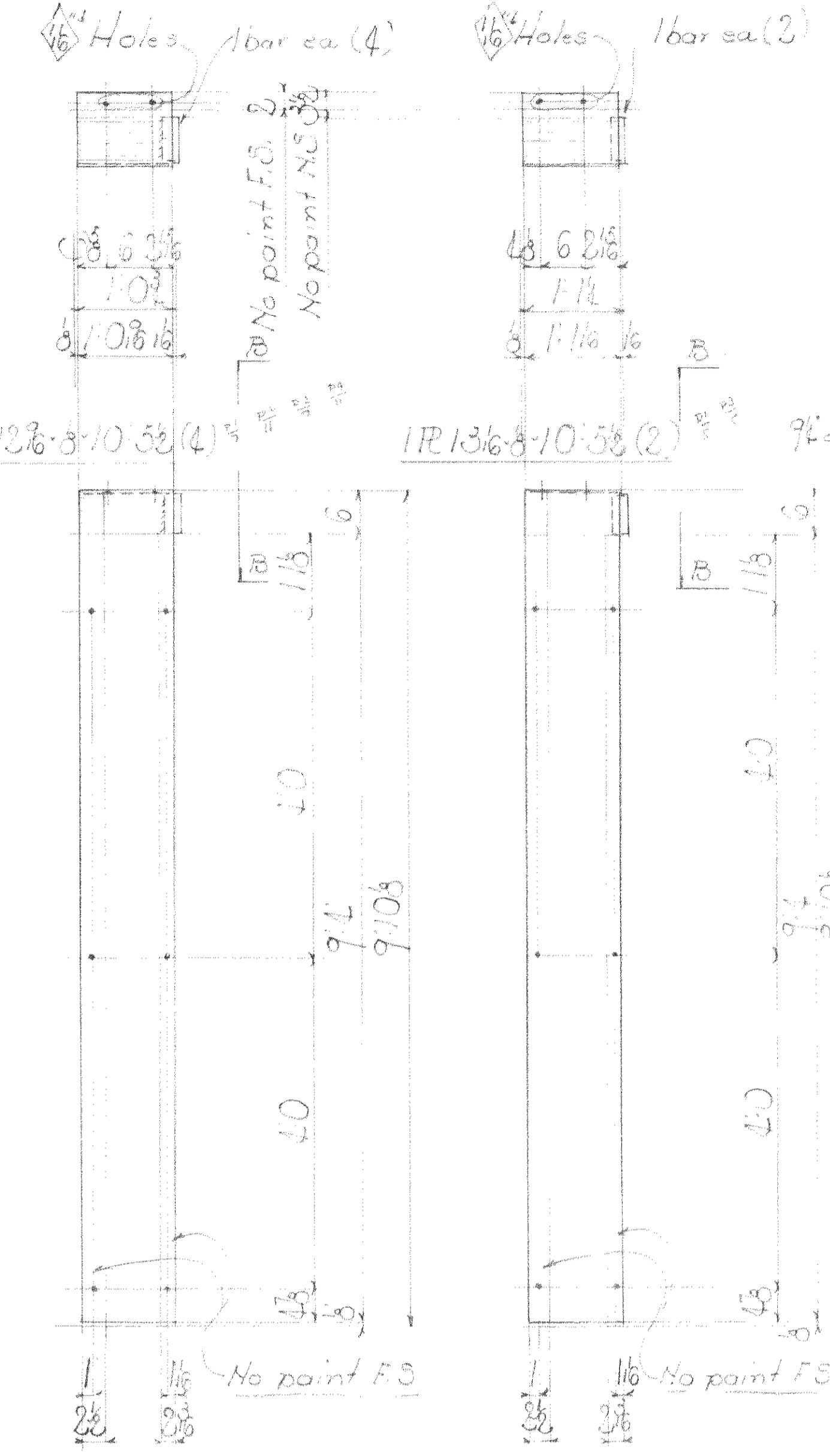
4 PLATES - 4P1



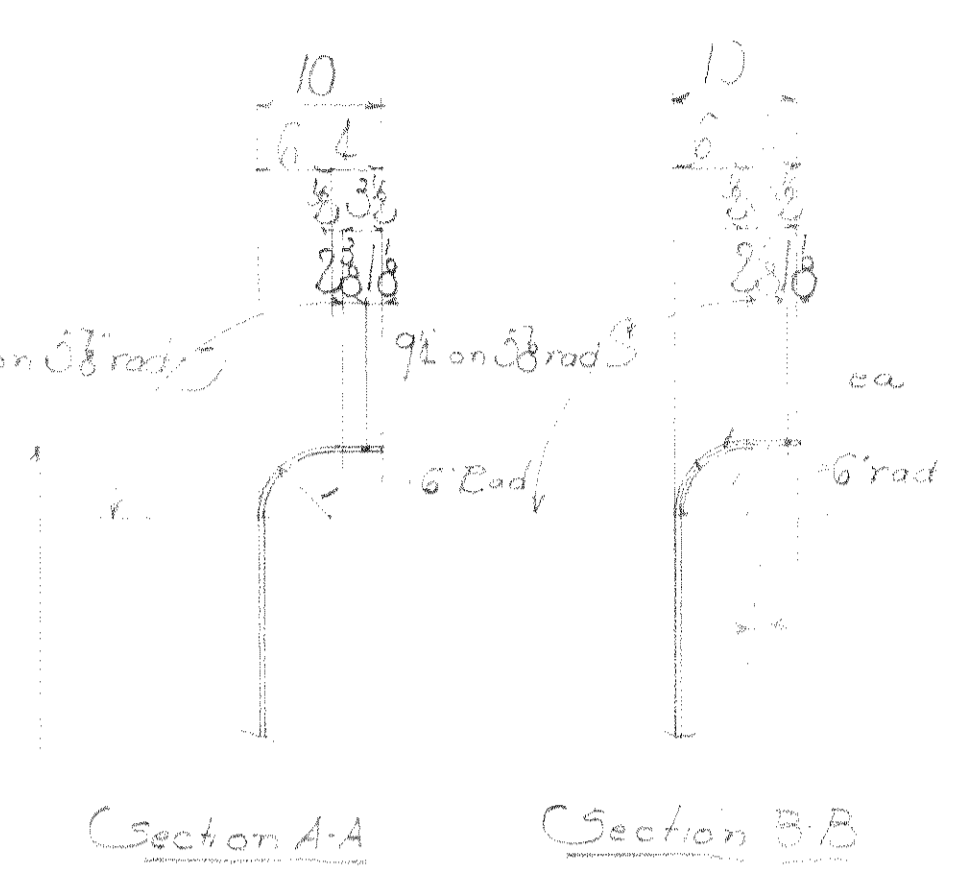
3 PLATES - 4P2E



12 PLATES - 4P3
2 - 4P3A



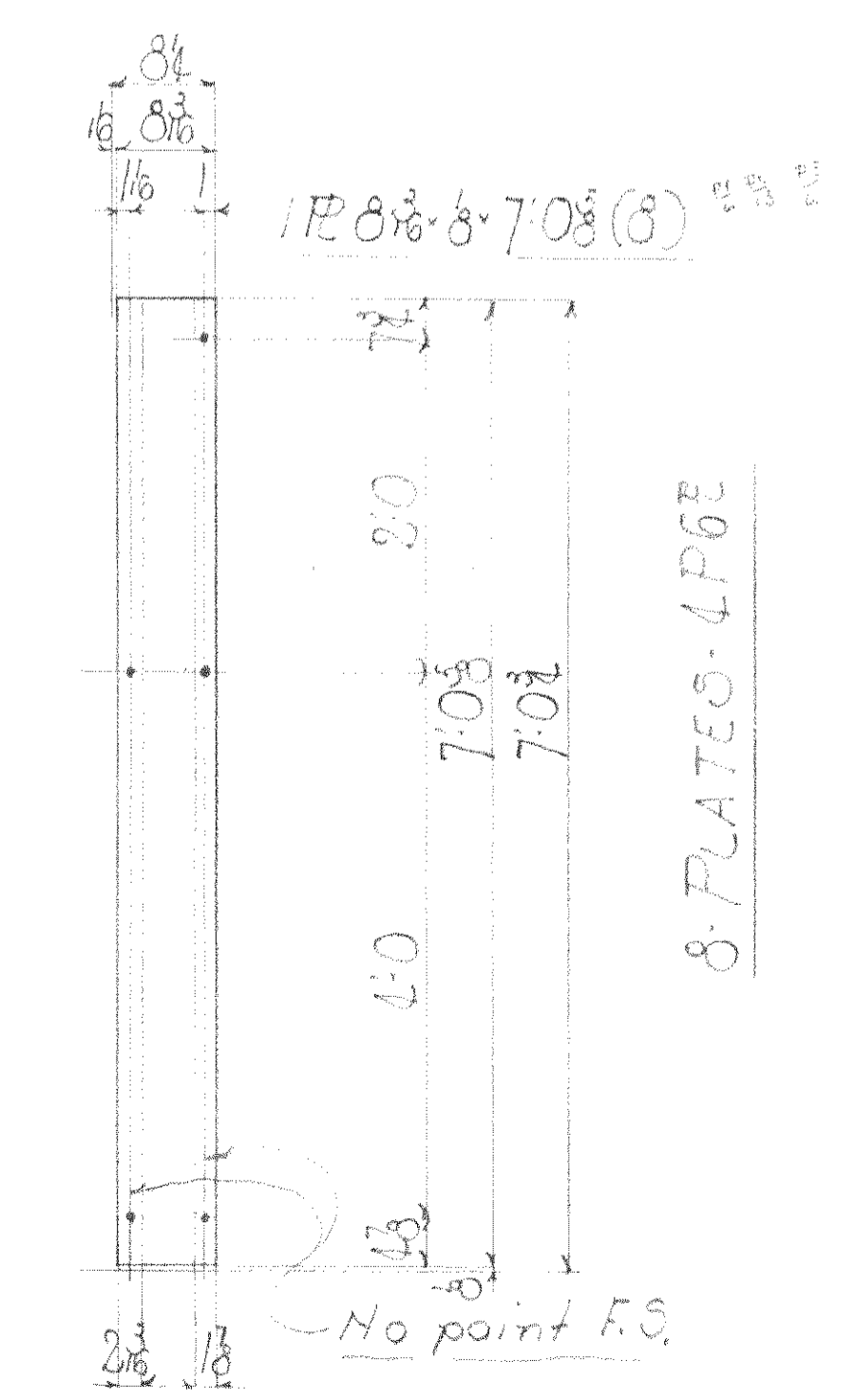
4 PLATES - 4P4E
3 PLATES - 4P5



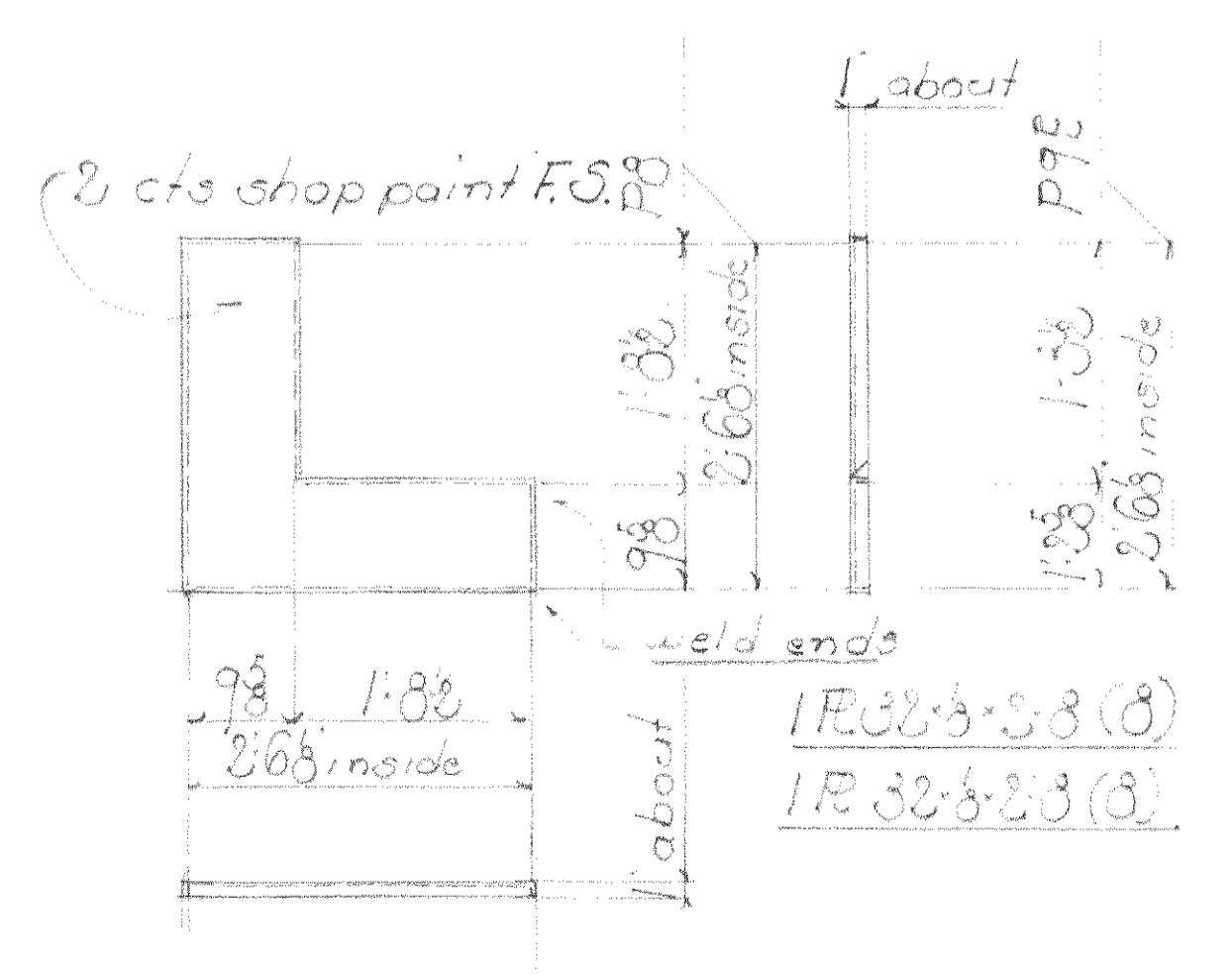
Summary of parts

Part No.	Size	Total	Description	Mark	Bill	By
1	2	4	Plates	LP1	MA	
2	1	1		LP2		
3	6	12		LP3		
4	2	2		LP4		
5	1	1		LP5		
6	2	2		LP6		
7	2	2		LP7		
8	2	2		LP8		
9	2	2		LP9		
10	1	1		LP10		

Notes
 No paint contact surfaces shop or field
 All material Carbon Steel
 Paint marks for Sect B Yellow Sect E Black



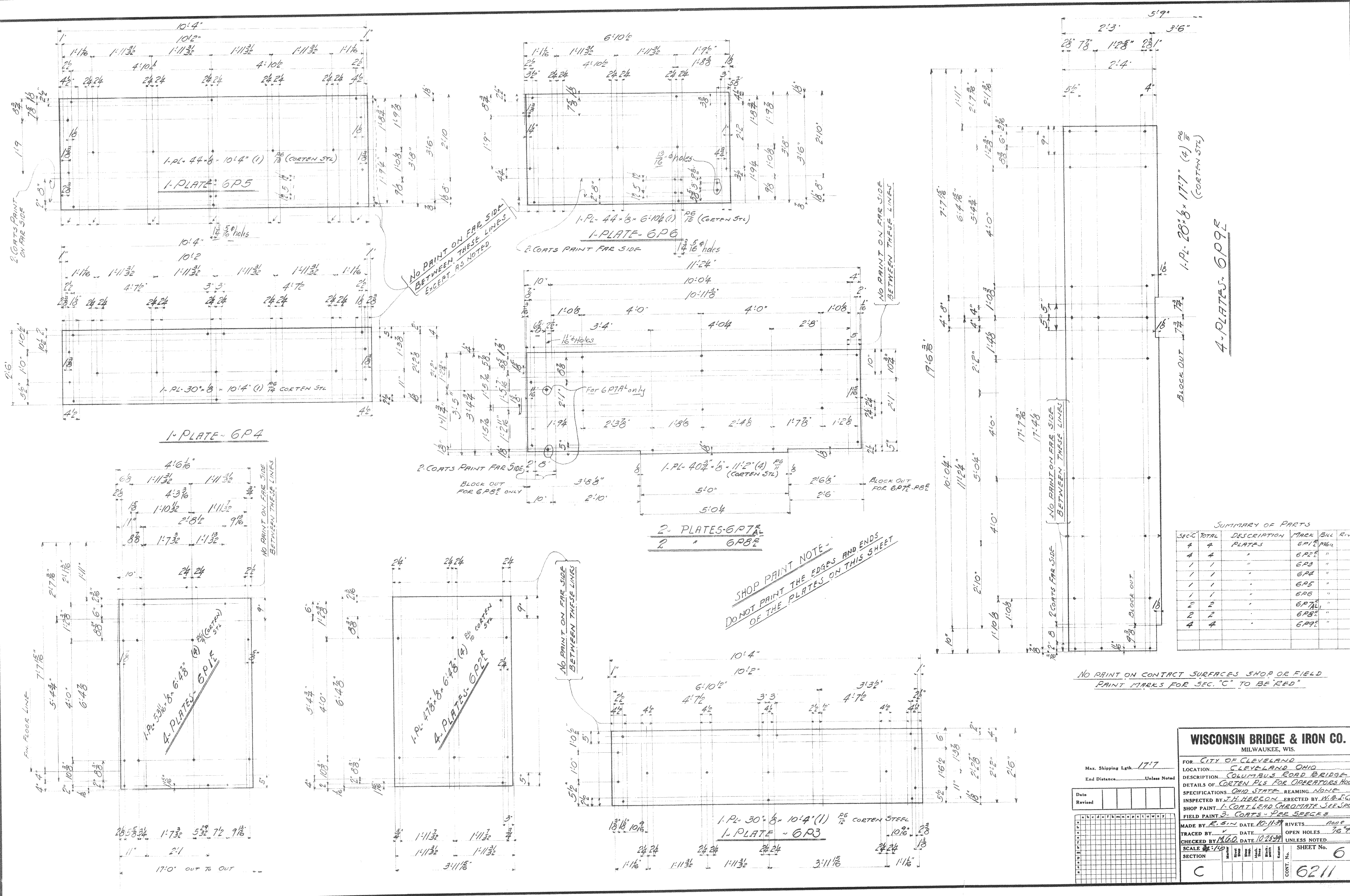
8 PLATES - 4P6E



8 PLATES - 4P8
8 - 4P9E

PWA # 04 1756-F

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.
 FOR: CITY OF CLEVELAND
 LOCATION: Canton, Ohio
 DESCRIPTION: Canton Road Bridge
 DETAILS OF: Plans for Issues 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12
 SPECIFICATIONS: Ohio State REAMING: None
 INSPECTED BY: J. H. ... RECTED BY: J. H. ...
 SHOP PAINT: ...
 FIELD PAINT: ...
 MADE BY: W.M.C. DATE: 7/19/19 OPEN HOLES: 15
 TRACED BY: ... DATE: 7/25/19 UNLESS NOTED
 CHECKED BY: ... DATE: 7/25/19 UNLESS NOTED
 SCALE: ... SHEET No. 4
 SECTION: B-E CONT. No. 637



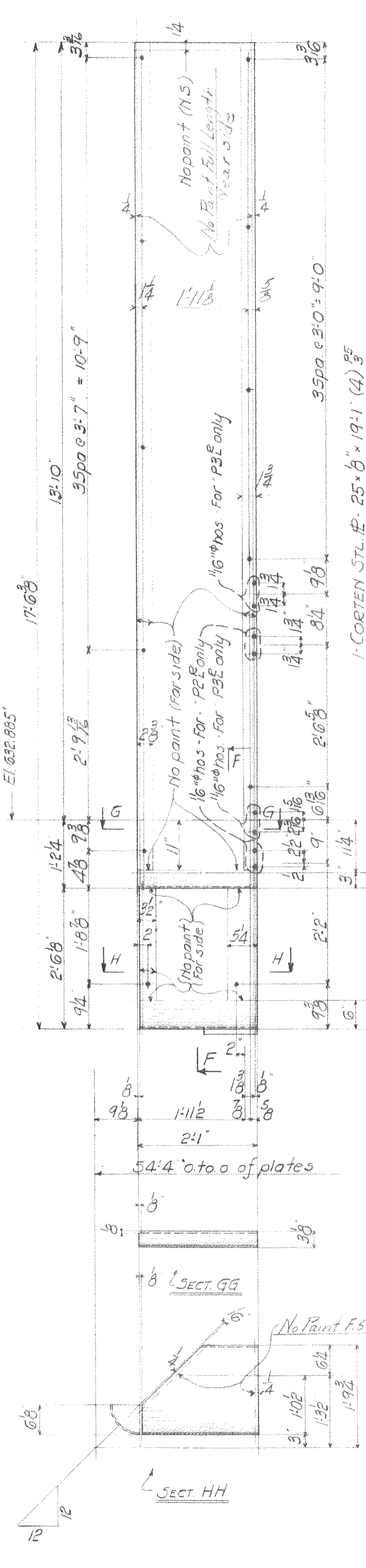
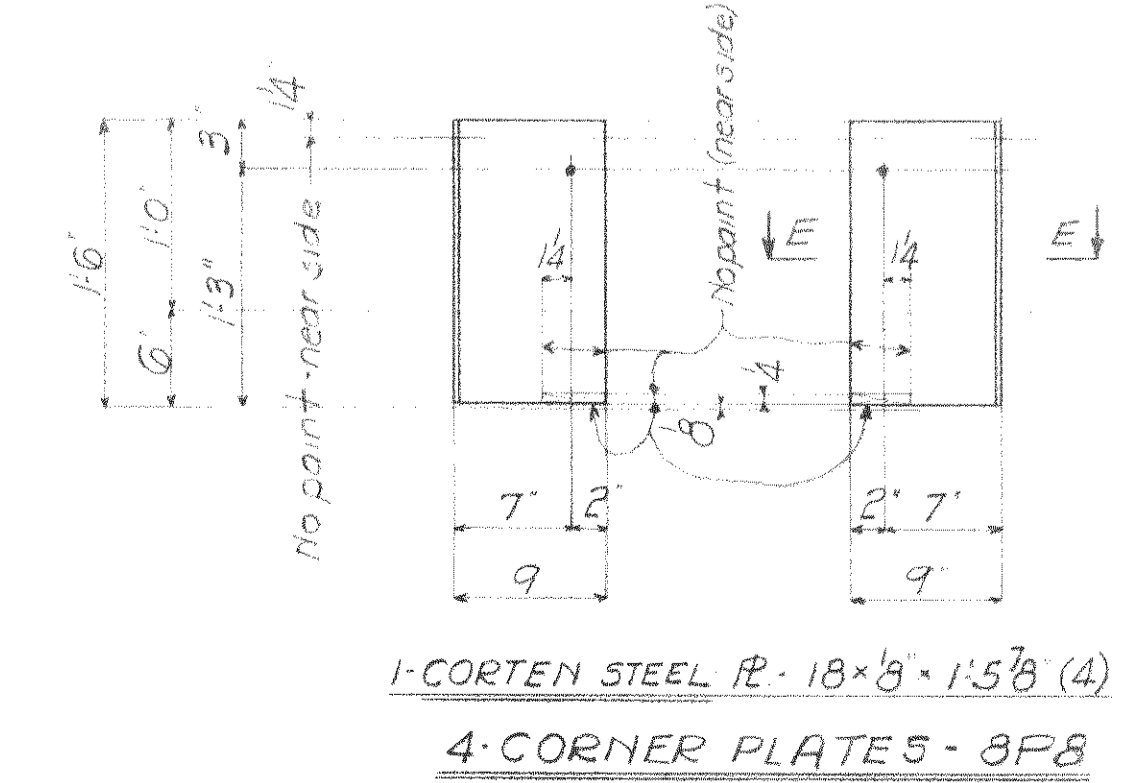
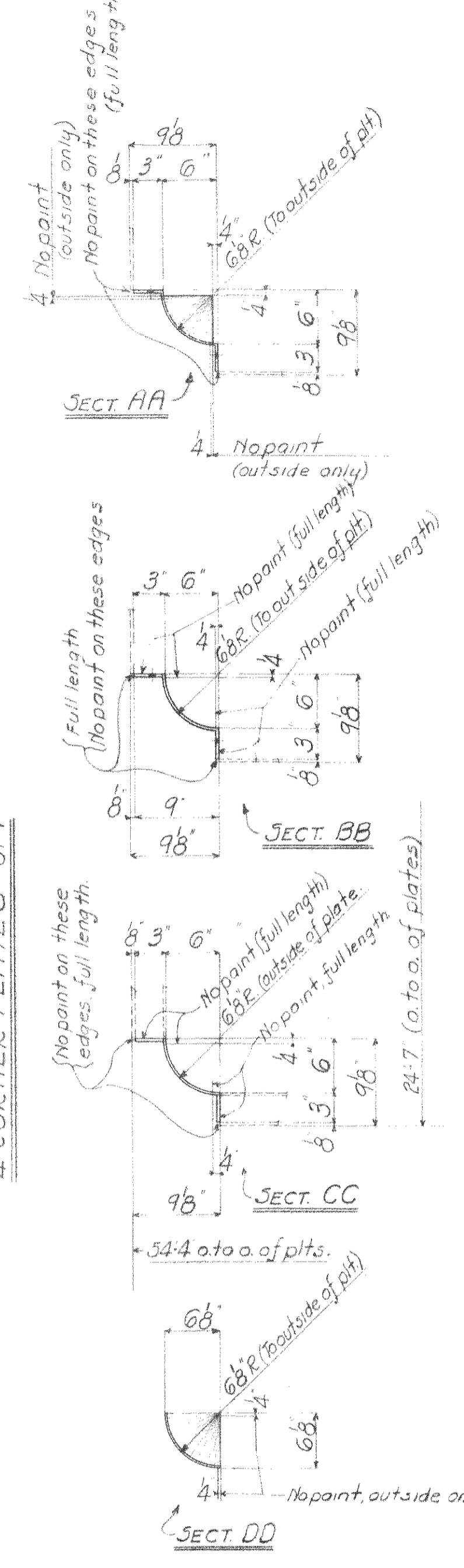
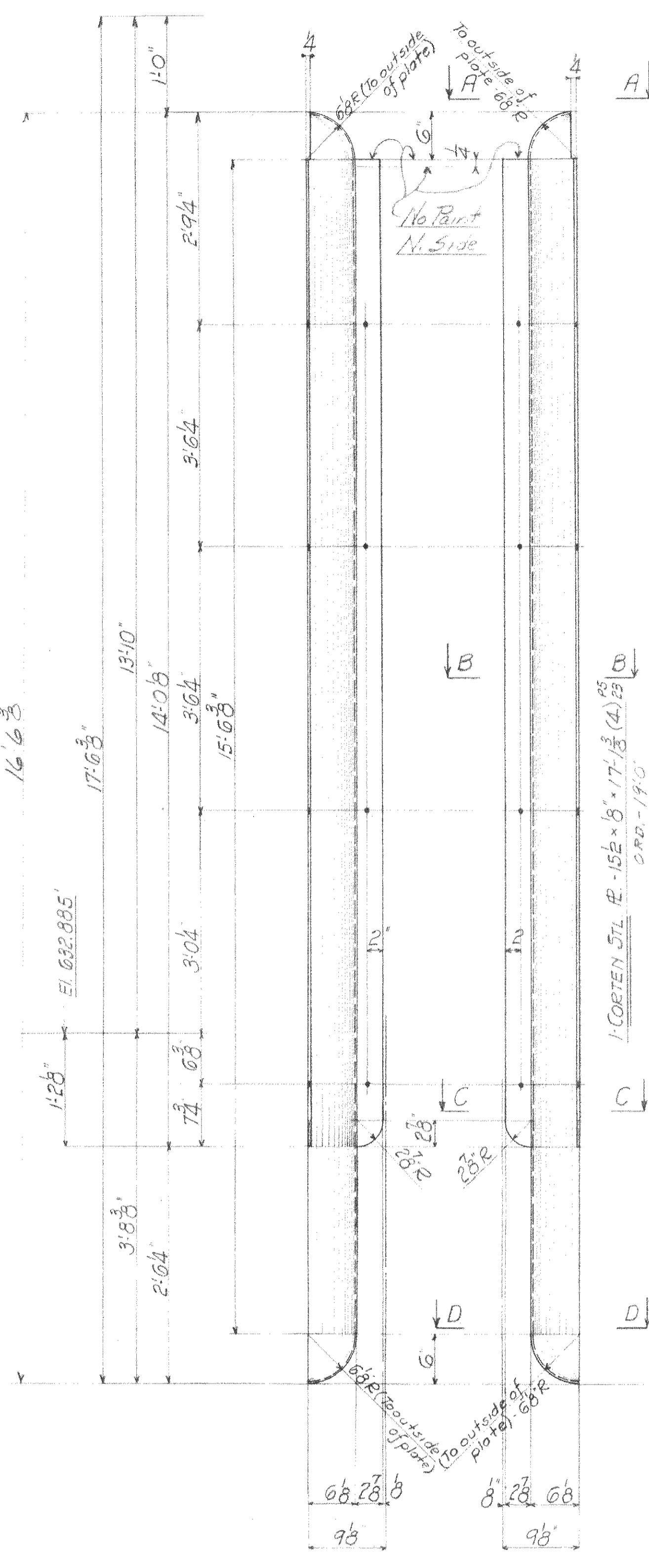
Summary of Parts

SEC	TOTAL	DESCRIPTION	MARK	BILL	REV
4	4	PLATES	6P1	M60	
4	4	"	6P2	"	
1	1	"	6P3	"	
1	1	"	6P4	"	
1	1	"	6P5	"	
1	1	"	6P6	"	
2	2	"	6P7A	"	
2	2	"	6P8B	"	
4	4	"	6P9E	"	

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

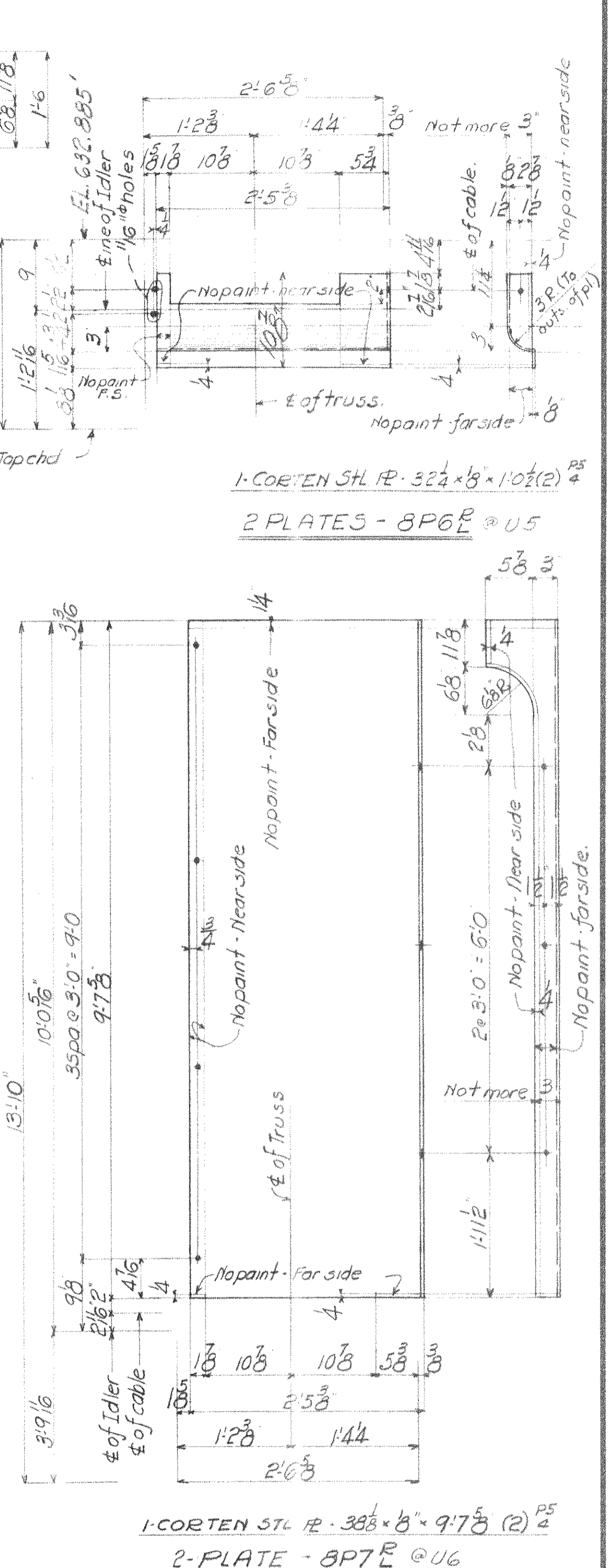
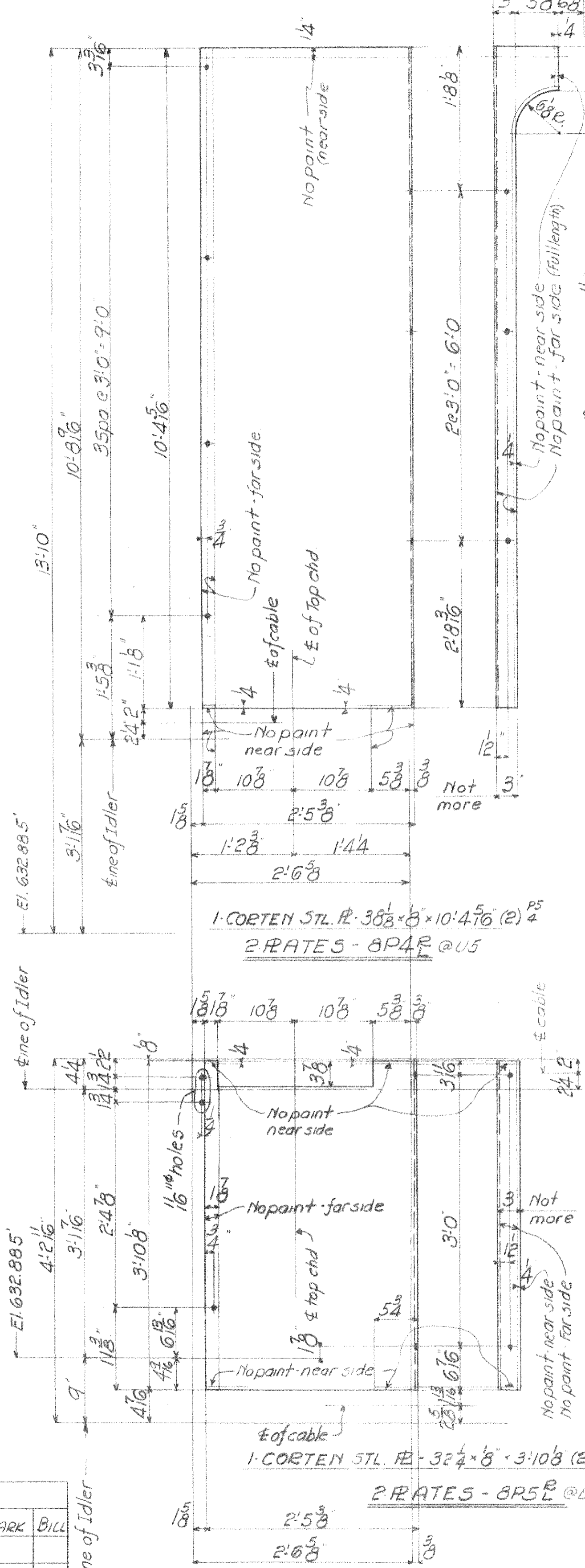
FOR CITY OF CLEVELAND, OHIO
LOCATION CLEVELAND, OHIO
DESCRIPTION CLEVELAND ROAD BRIDGE
DETAILS OF CORTEN PLATES FOR OPERATORS HOUSE
SPECIFICATIONS OHIO STATE REAMING NONE
INSPECTED BY J.H. HERRON, ERRECTED BY W.B. & I.C.
SHOP PAINT 1 COAT LEAD SLAGGATE SEE SPECS
FIELD PAINT 3 COATS - F.P. SPECS

MADE BY R.S. DATE 10-11-37 RIVETS none
TRACED BY DATE OPEN HOLES 1/8"
CHECKED BY M.G. DATE 10-23-37 UNLESS NOTED
SCALE 1/4" = 1'-0" SHEET No. 6
SECTION C CONT. 6211



SUMMARY OF PARTS			
NO	DESCRIPTION	MARK	BILL
4	CORNER PLATES	8P1	M/A
2	"	8P2	"
2	"	8P3	"
2	"	8P4	"
2	"	8P5	"
2	"	8P6	"
2	"	8P7	"
4	"	8P8	"

NOTES:
 No paint on contact surfaces, shop or field.
 Paint marks for sect C to be red.
 All material to be copper bearing.
 Cuts and copes may be flame cut, and ground smooth.



P.W.A. 12-0-H-1756-F

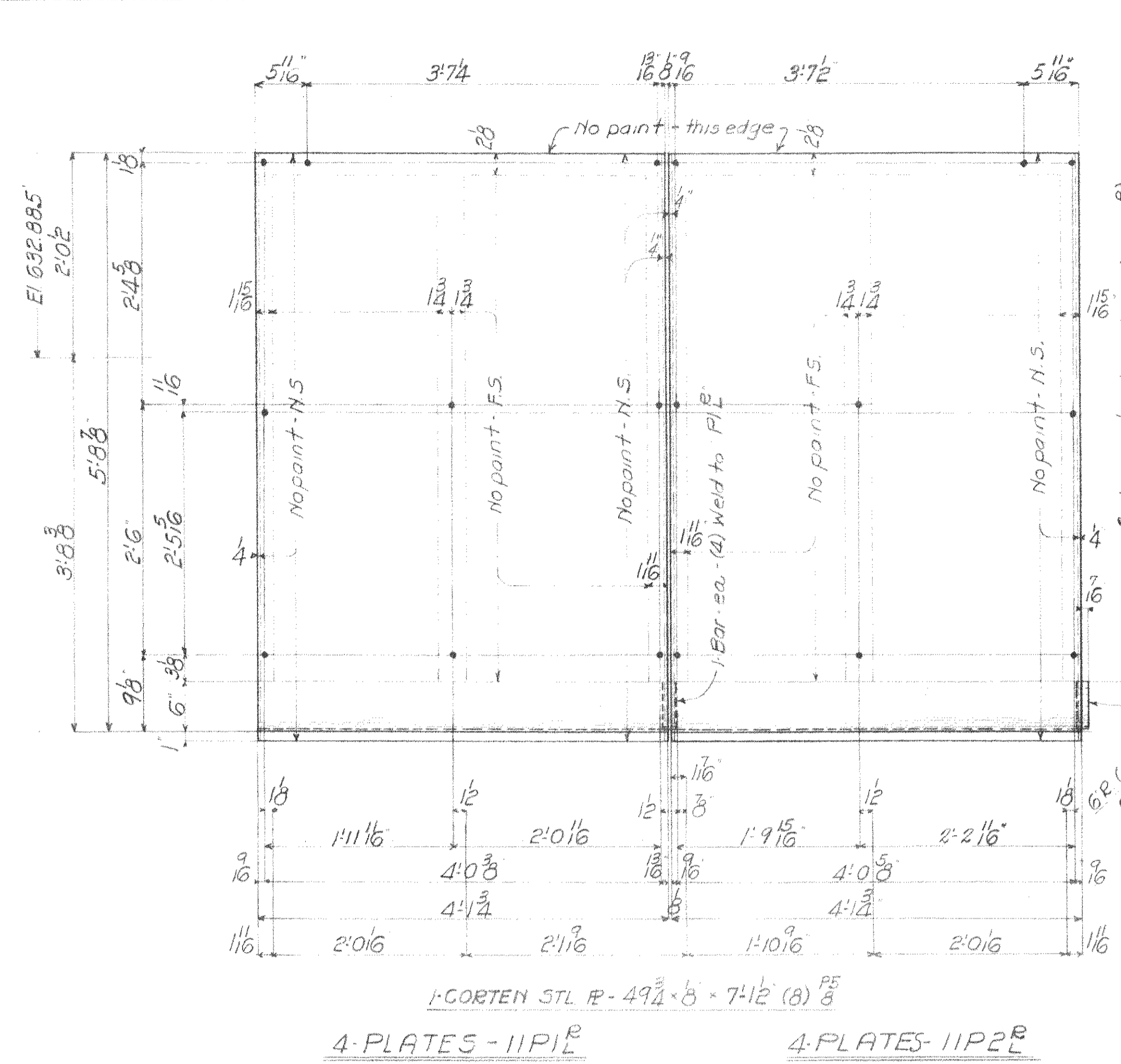
WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR CITY OF CLEVELAND
 LOCATION CLEVELAND, OHIO
 DESCRIPTION COLUMBUS ROAD BRIDGE
 DETAILS OF MACHINERY HOUSE (PLATE)
 SPECIFICATIONS OHIO STATE REAMING, NONE
 INSPECTED BY J. HERRON ERRECTED BY W.B. & J. Co.
 SHOP PAINT 1-COAT LEAD CHROMATE (PER SPEC)
 FIELD PAINT 3 COATS (PER SPEC)

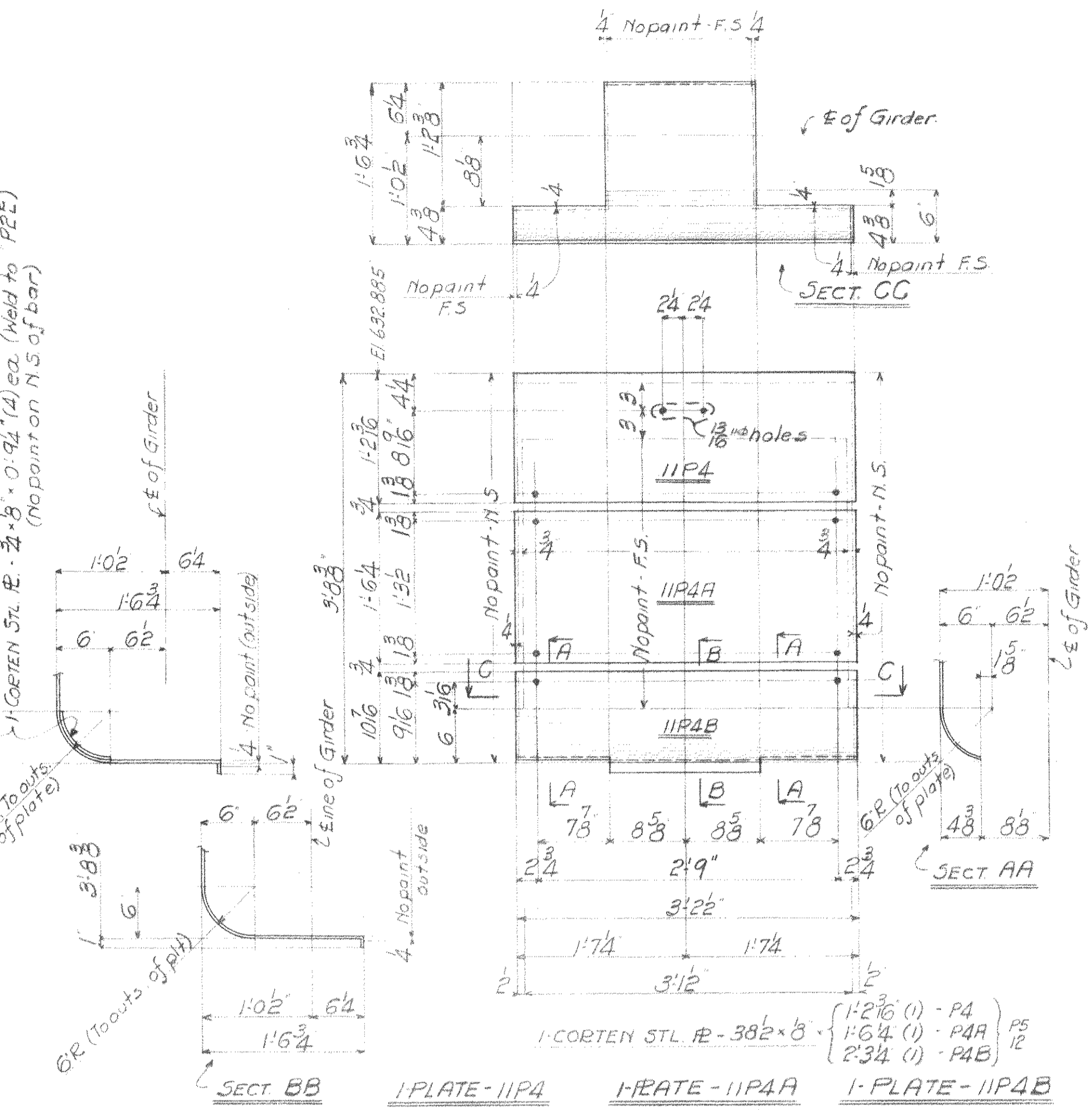
MADE BY E. HERPOLD DATE 4/19/29 RIVETS 7/6" φ
 TRACED BY _____ DATE _____ OPEN HOLES UNLESS NOTED
 CHECKED BY M.G. DATE 1/23/37 UNLESS NOTED

SCALE _____ SHEET No. 8
 SECTION C CONT. No. 6211

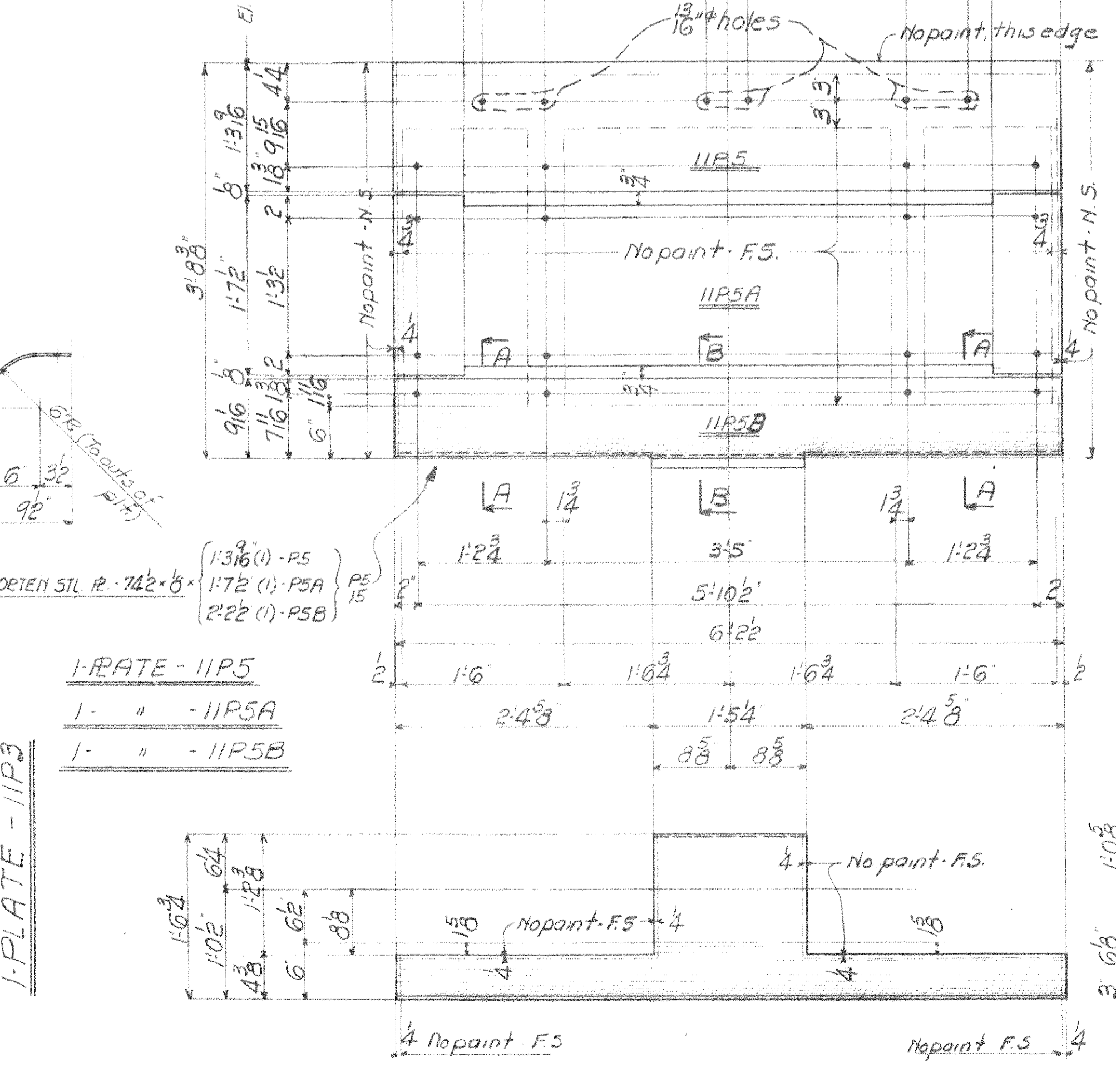
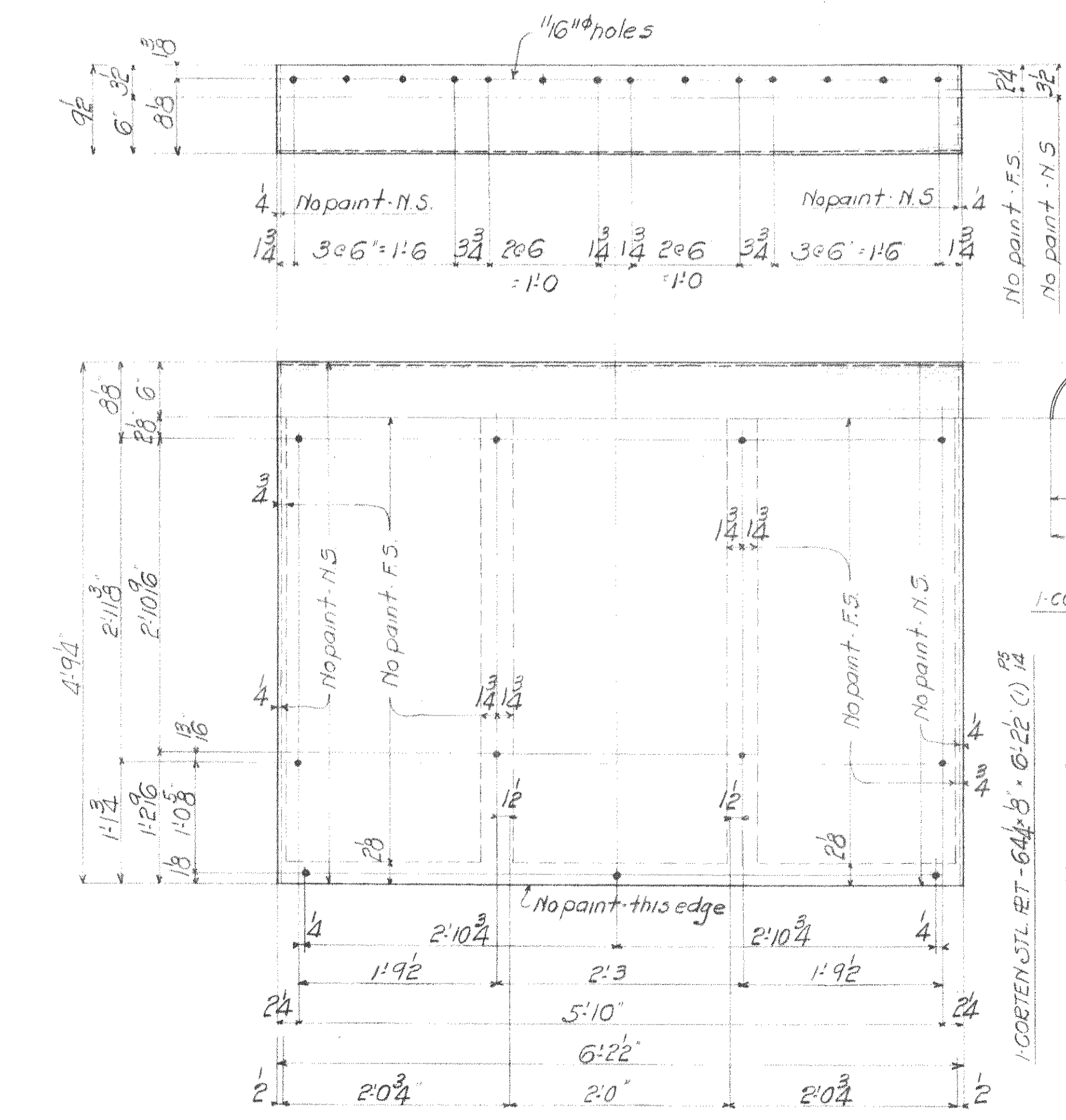
Date	Revised



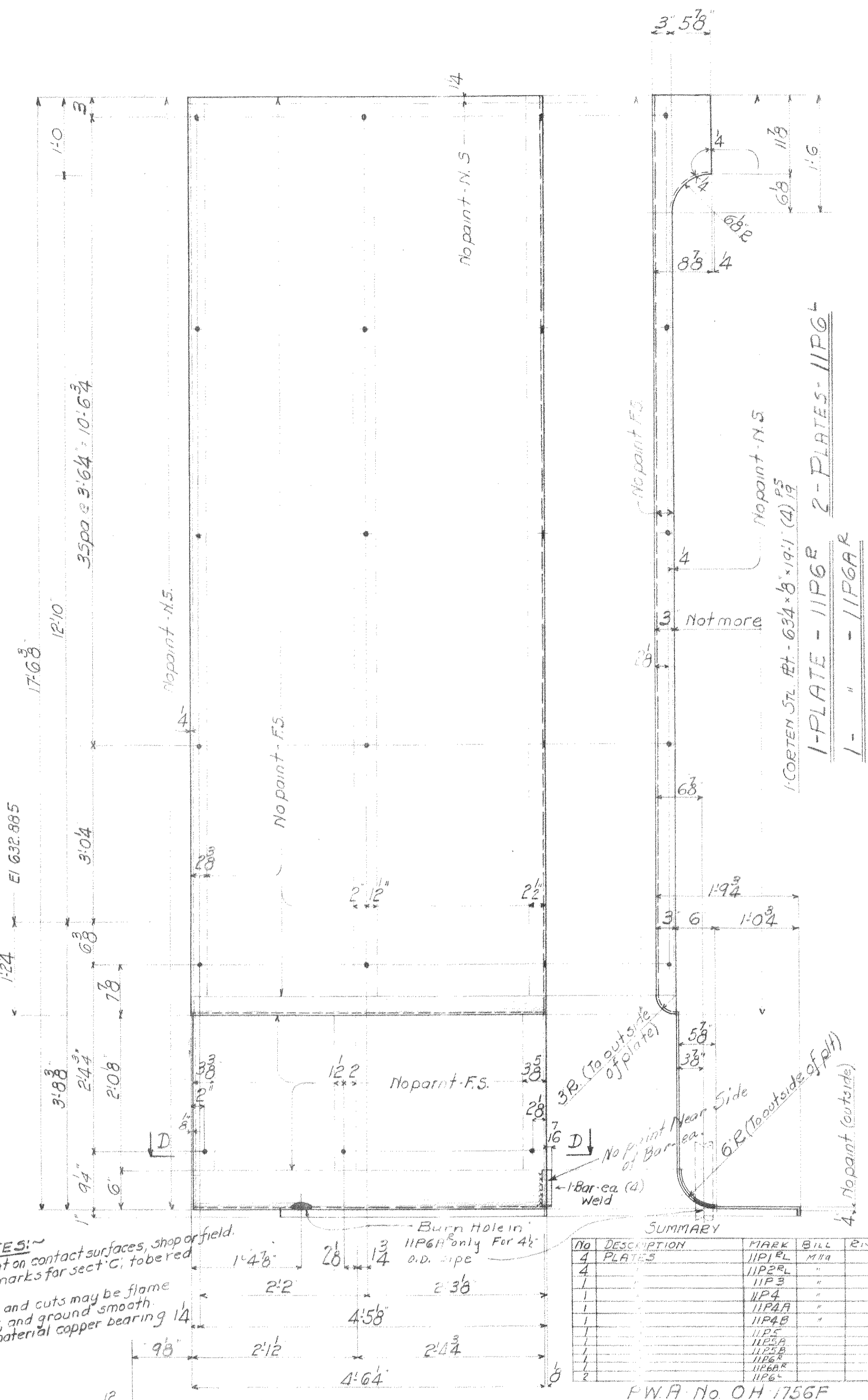
4-PLATES - 11P1L
4-PLATES - 11P2R



1-PLATE - 11P4
1-PLATE - 11P4A
1-PLATE - 11P4B



1-PLATE - 11P5
1- " - 11P5A
1- " - 11P5B

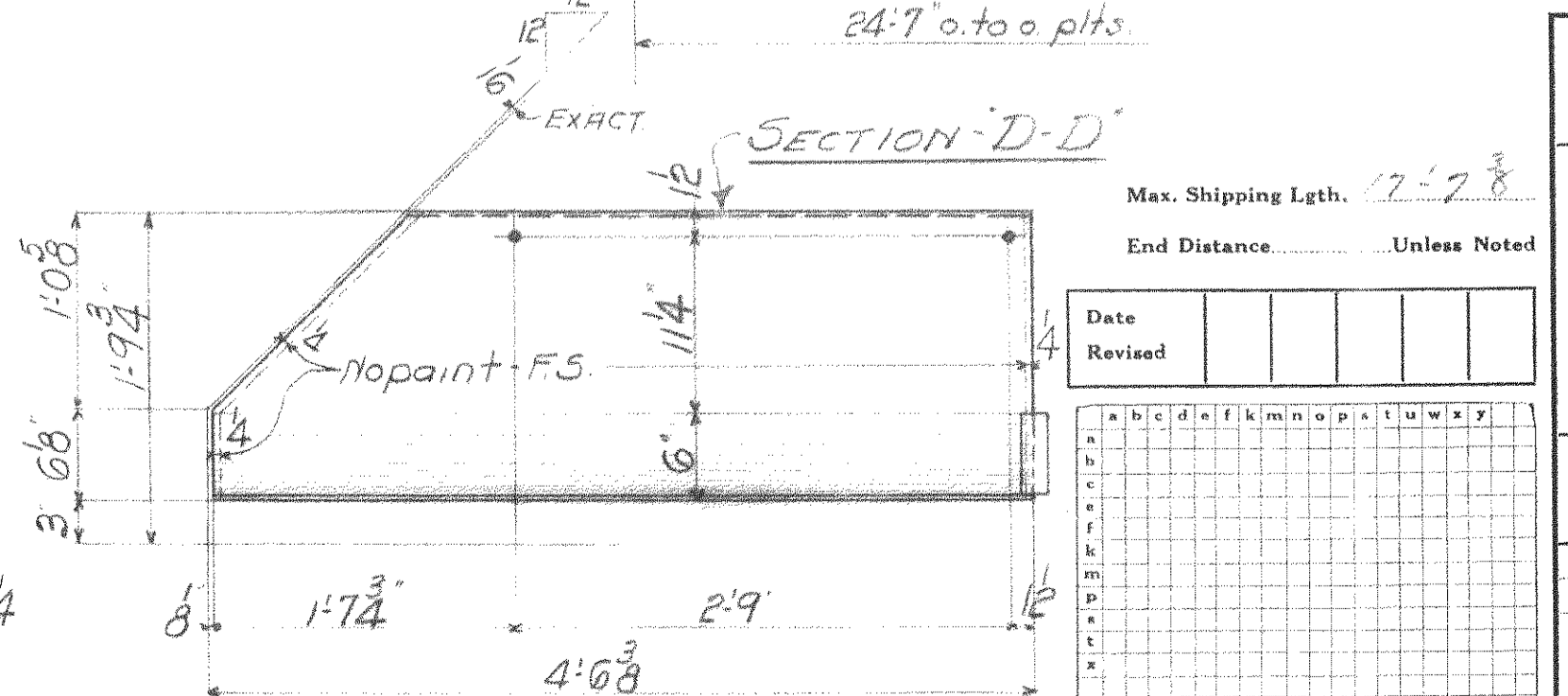


1-PLATE - 11P6B
1- " - 11P6A

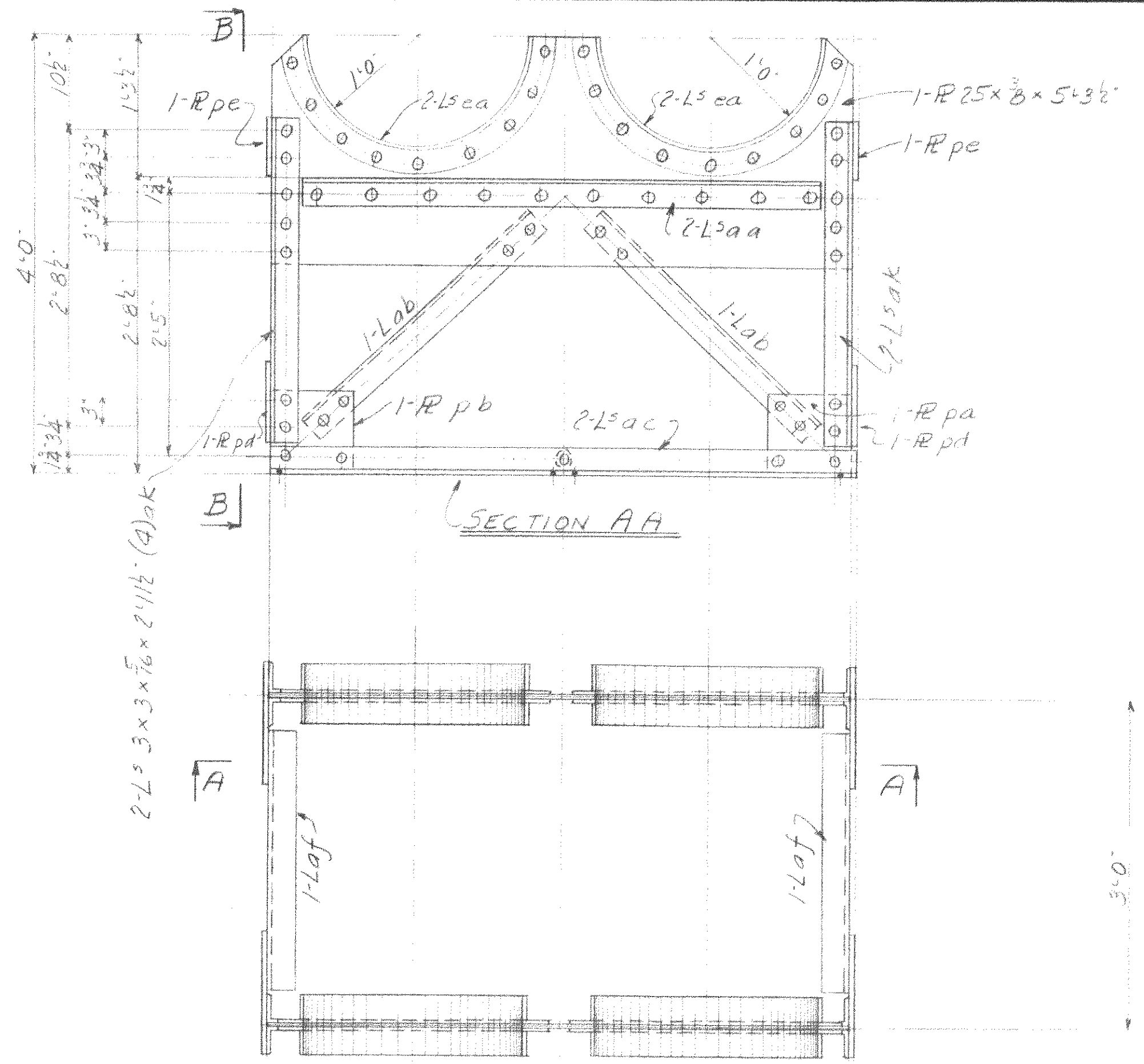
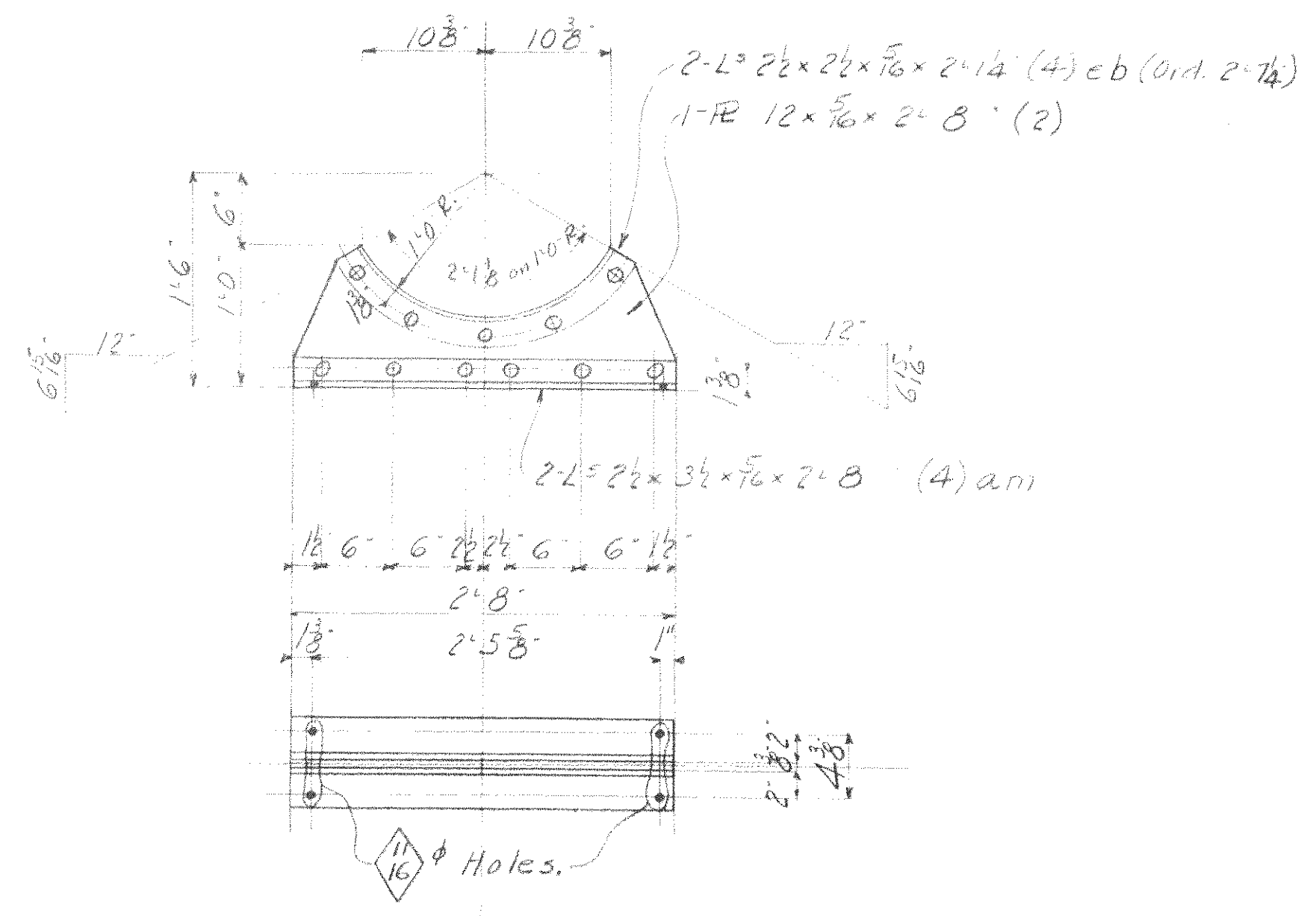
NOTES:
No paint on contact surfaces, shop or field.
Paint marks for sect. C, to be red.
Copes and cuts may be flame cut, and ground smooth. All material copper bearing 1/4".
Burn Hole in 11P6B only For 4" o.d. pipe

SUMMARY

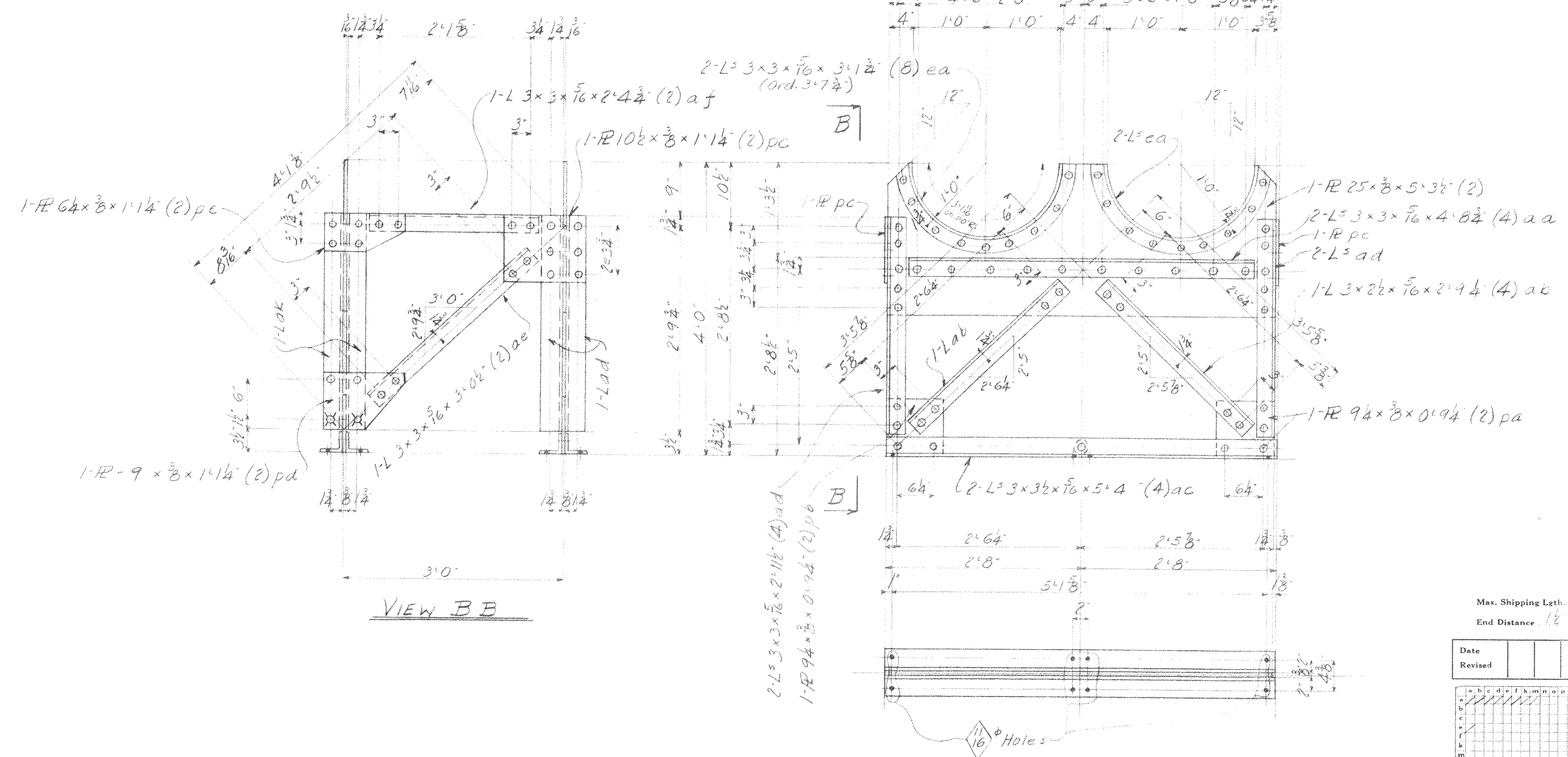
NO	DESCRIPTION	MARK	BILL	REV.
4	PLATES	11P1L	M54	
4		11P2R		
1		11P3		
1		11P4		
1		11P4A		
1		11P4B		
1		11P5		
1		11P5A		
1		11P5B		
1		11P6A		
1		11P6B		



FOR CITY OF CLEVELAND, OHIO
LOCATION: CLEVELAND, OHIO
DESCRIPTION: COLUMBUS ROAD BRIDGE
DETAILS OF: MACHINERY HOUSE (PLATES)
SPECIFICATIONS: OHIO STATE - REAMING NONE
INSPECTED BY: J.H. HEERON - ERECTED BY: W.B. & J. Co.
SHOP PAINT: 1/2" LEAD CHROMATE (PER SPEC.) (As noted)
FIELD PAINT: 2 ST. PER SPEC.
MADE BY: Herbert DATE: 12/29/39 RIVETS: -
TRACED BY: DATE: OPEN HOLES: 7/16"
CHECKED BY: DATE: 11/23/39 UNLESS NOTED
SCALE: SHEET No. 11
SECTION: C CONT. No. 6211



1-TANK SUPPORT-13P1



NO	DESCRIPTION	MAEK	QTY	RVS
1	TANK SUPPORT	13P1	154	154
2	"	13P2	"	22

NOTES:
 No paint on contact surfaces shop or field.
 Paint marks to be red for section 'C'.
 All material to be copper bearing carbon steel.

P.W.A. D. CRET NO. O.H. 1756-F

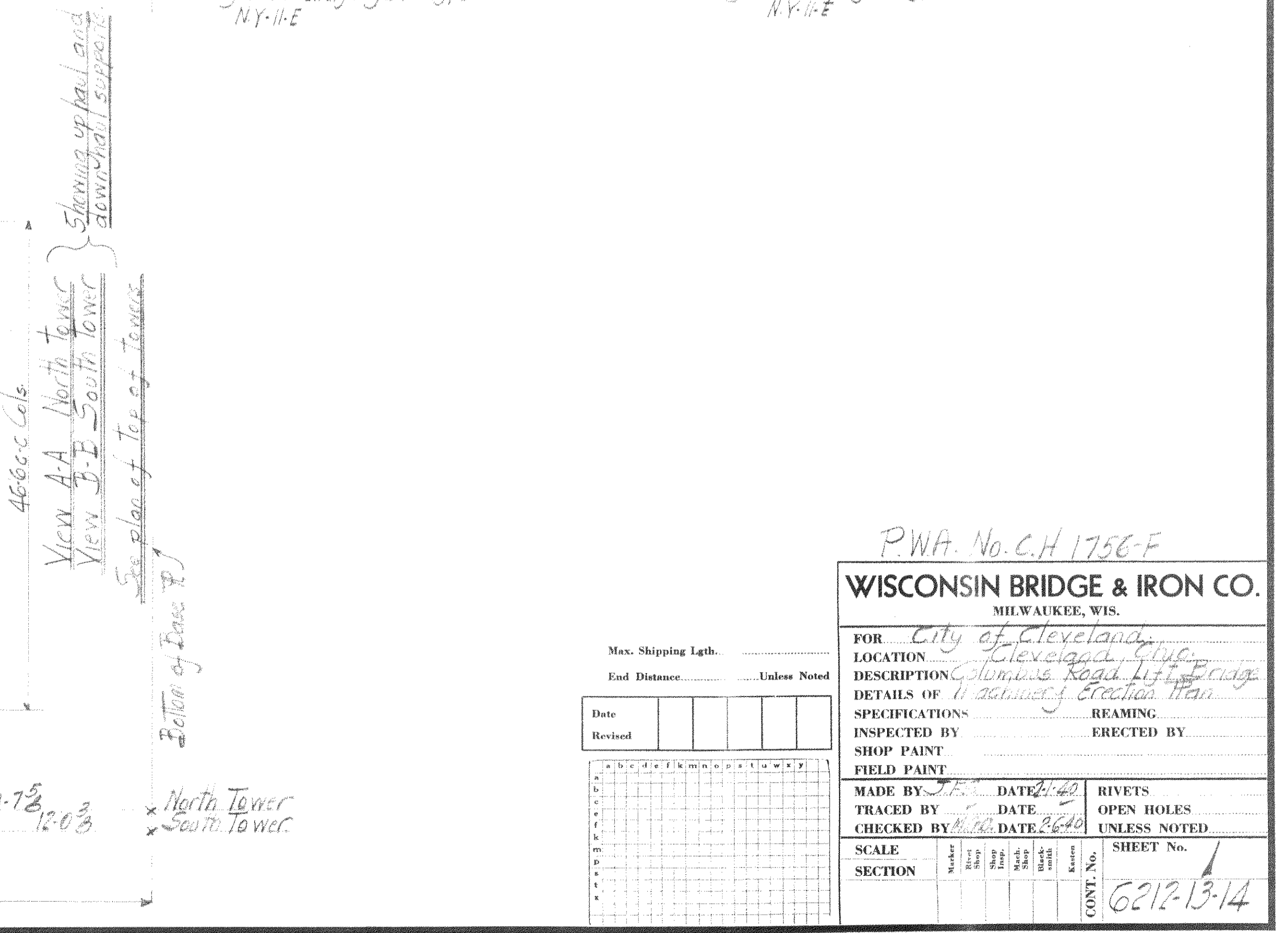
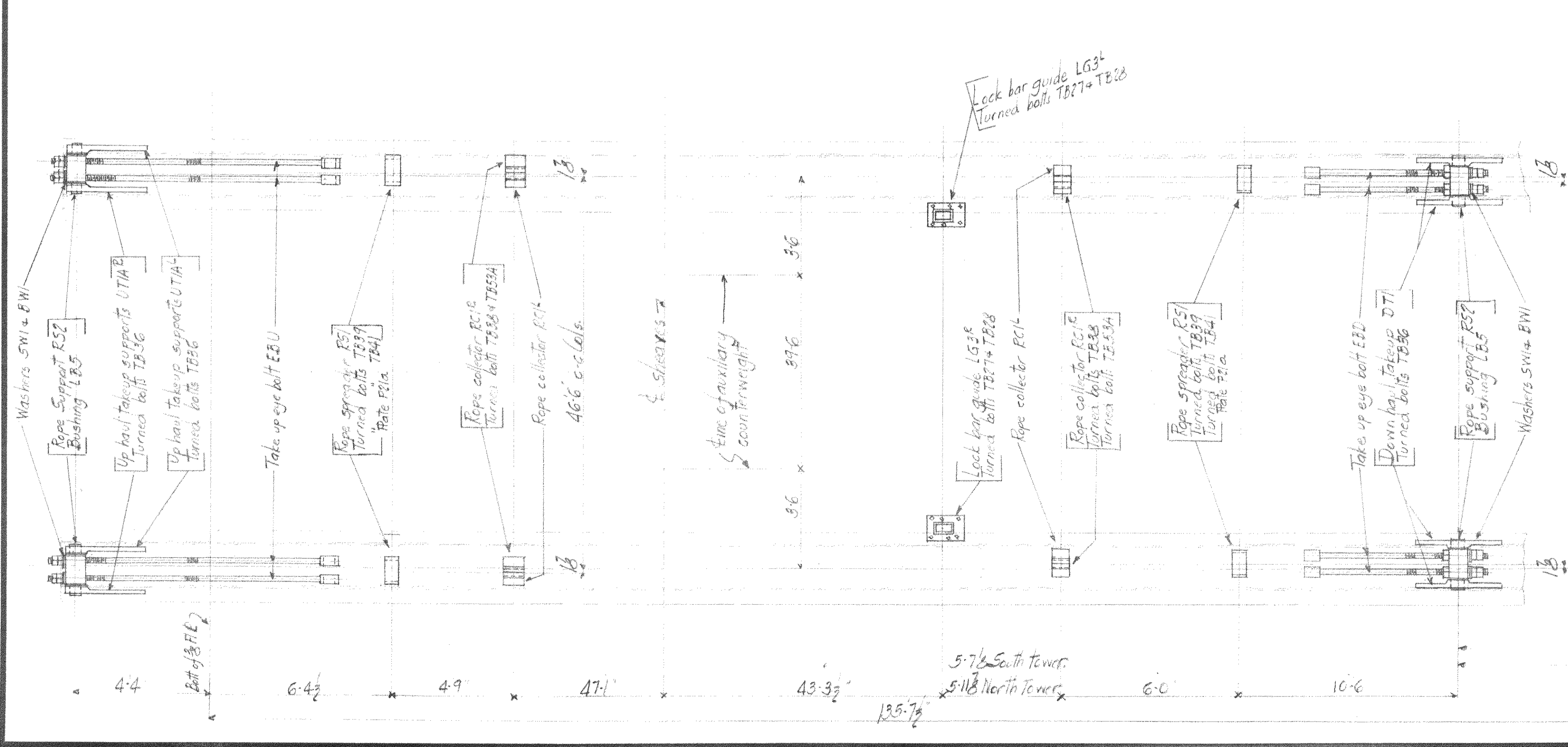
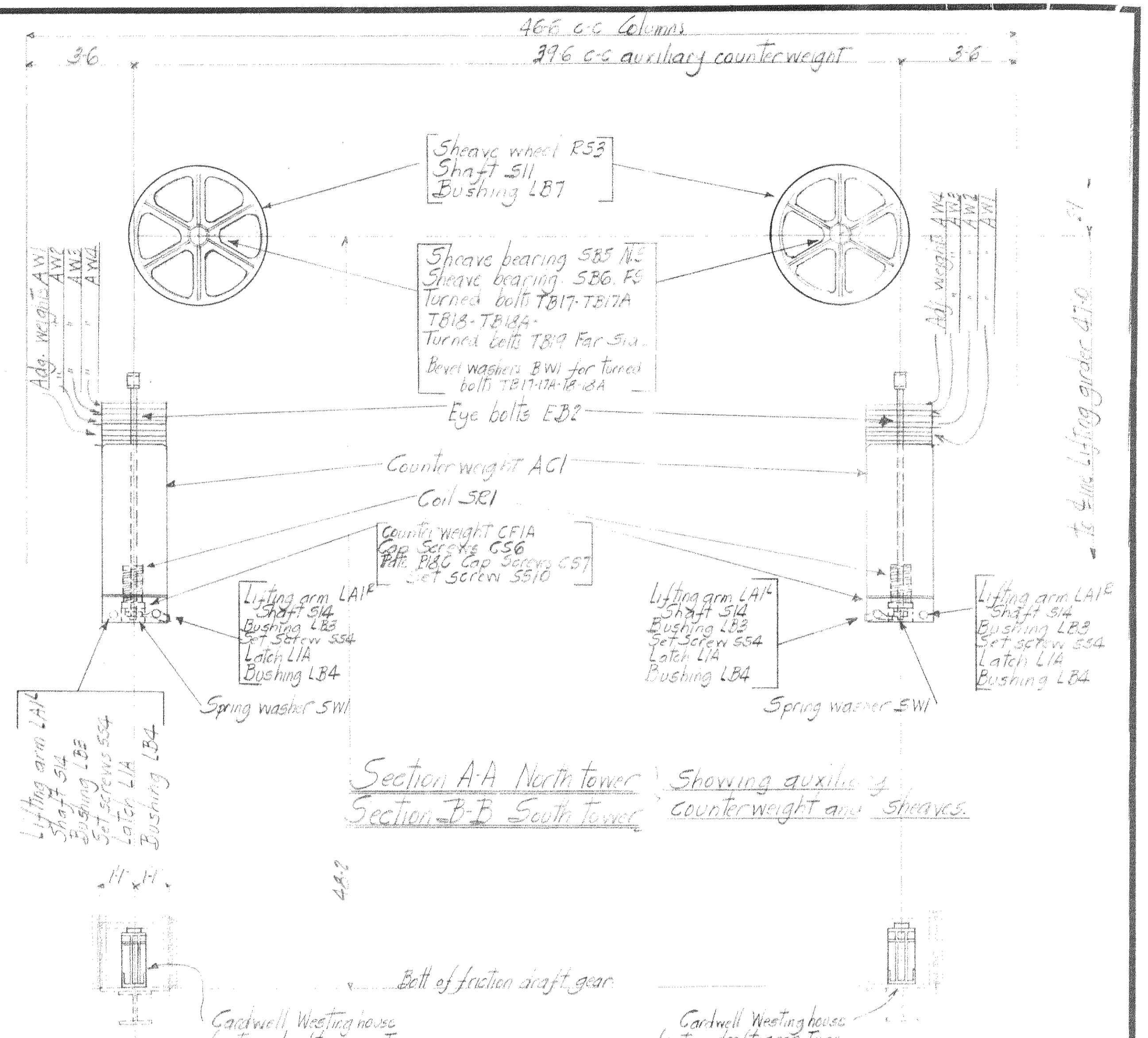
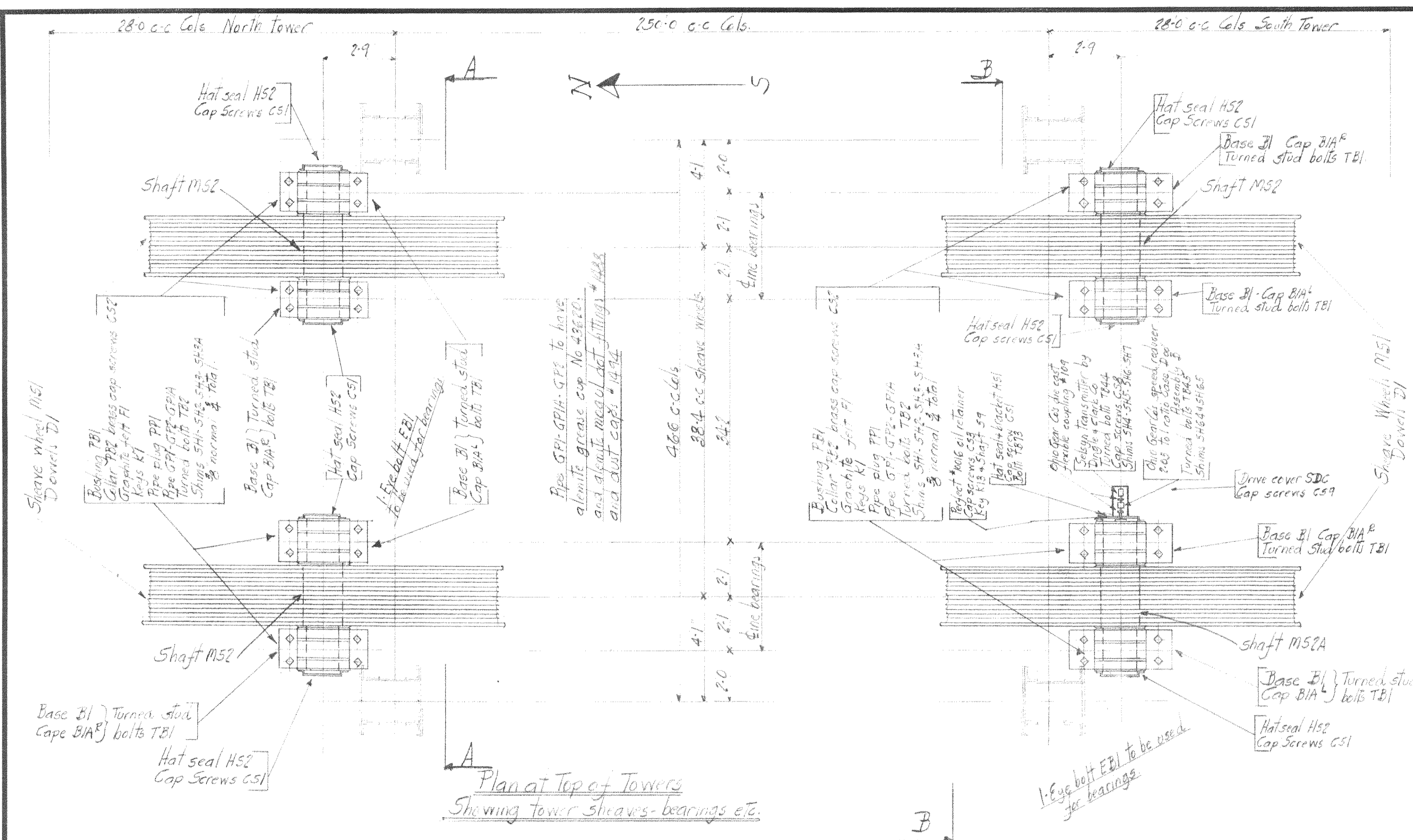
WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR CITY OF CLEVELAND	LOCATION CLEVELAND, OHIO
DESCRIPTION COLUMBUS ROAD BRIDGE	DETAILS OF TANK SUPPORTS.
SPECIFICATIONS OHIO STATE REAMING NONE	INSPECTED BY J. M. HERRON ERECTED BY W.B. & I. CO.
SHOP PAINT 1 GAL LEAD CHROMATE (PER SPEC)	FIELD PAINT 3-1/2 PER SPEC.
MADE BY J. Scherck DATE 2-21-37	RIVETS 2-4
TRACED BY S DATE	OPEN HOLES 1/2-φ
CHECKED BY J. G. O. DATE 2-23-37	UNLESS NOTED
SCALE SECTION	SHEET No. 13
CONT. No. C	6211

Max. Shipping Leth. 5-4 3/8"
 End Distance 12" Unless Noted

Date	
Revised	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20



P.W.A. No. C.H. 1756-F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR City of Cleveland
LOCATION Cleveland, Ohio
DESCRIPTION Columbus Road Lift Bridge
DETAILS OF Hoisting Erection Plan

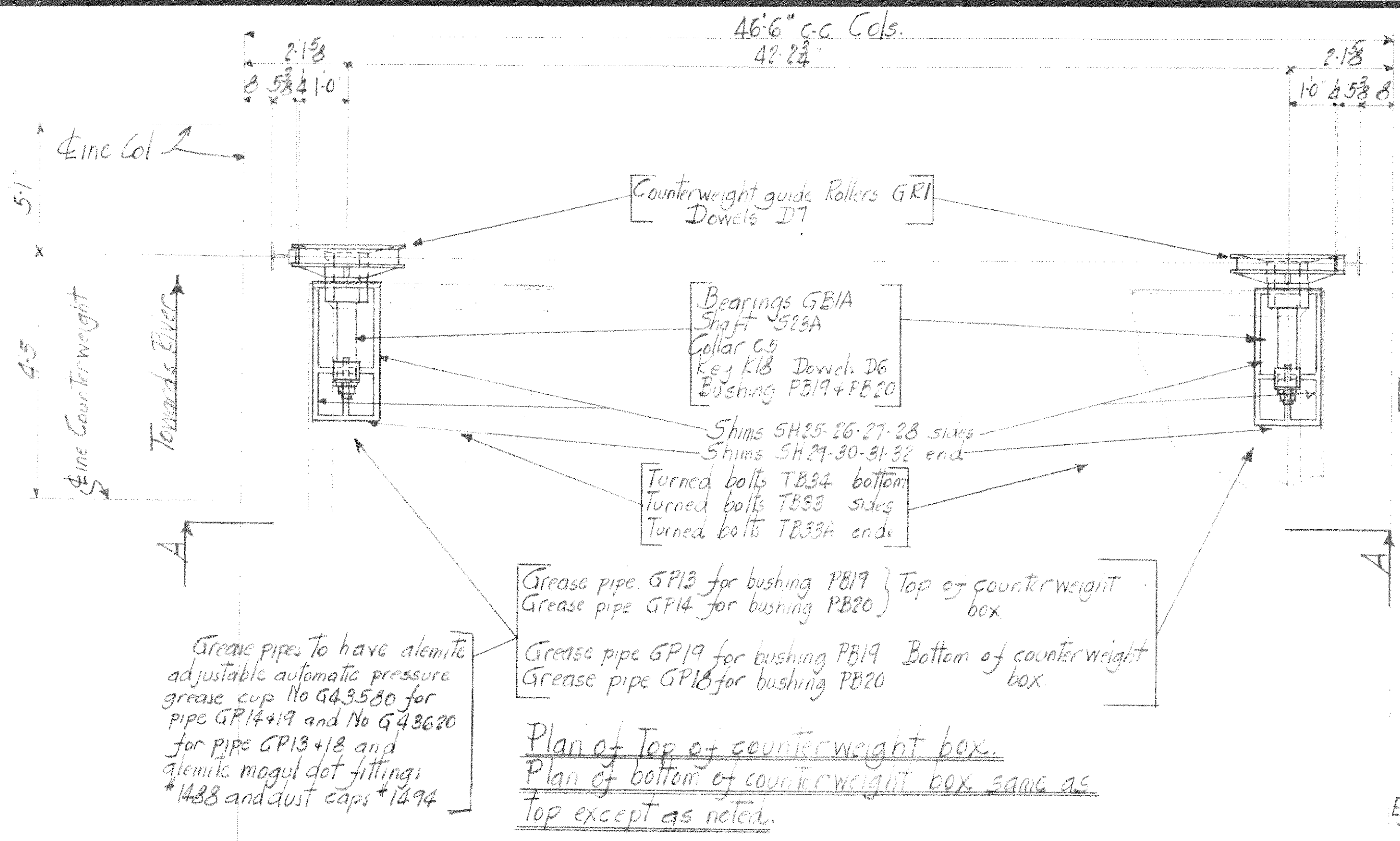
SPECIFICATIONS REAMING
INSPECTED BY _____ ERECTED BY _____

SHOP PAINT
FIELD PAINT

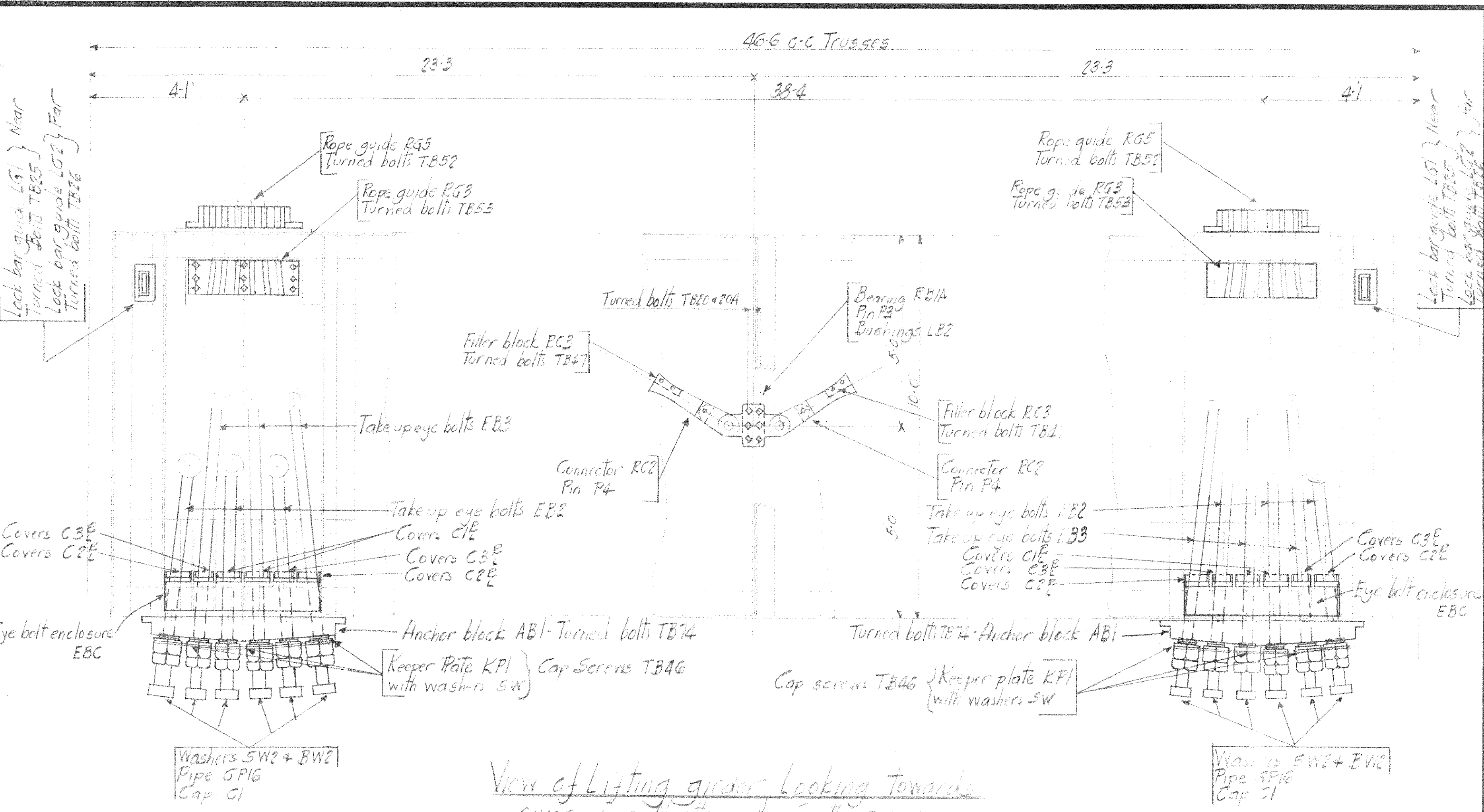
MADE BY J.F.S. DATE 12-1-20
TRACED BY _____ DATE 12-1-20
CHECKED BY M.H.D. DATE 12-1-20

SCALE SECTION

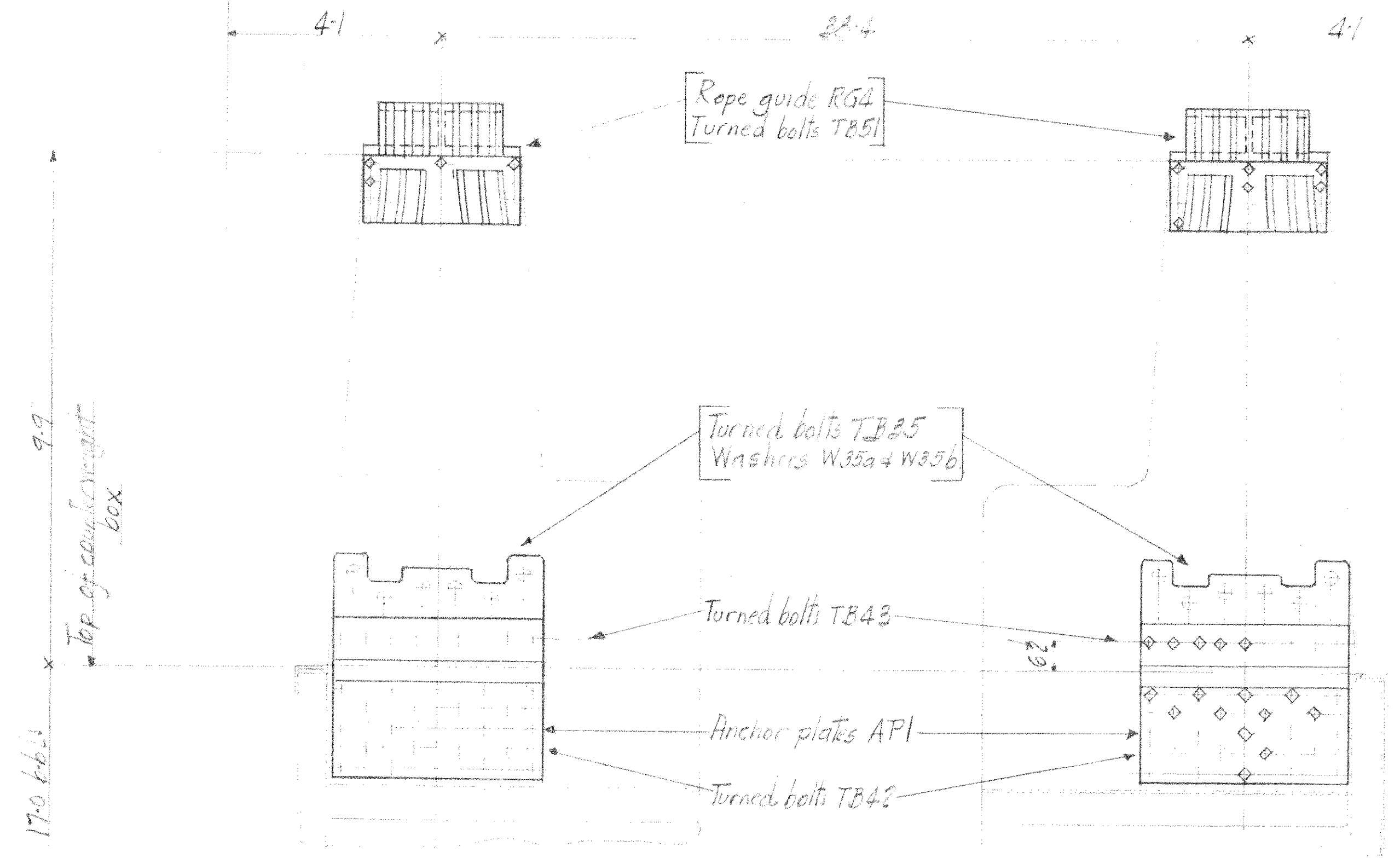
SHEET No. 6212-13-14



Plan of Top of counterweight box.
 Plan of bottom of counterweight box same as top except as noted.



View of Lifting gear Looking towards center for North and South pieces.



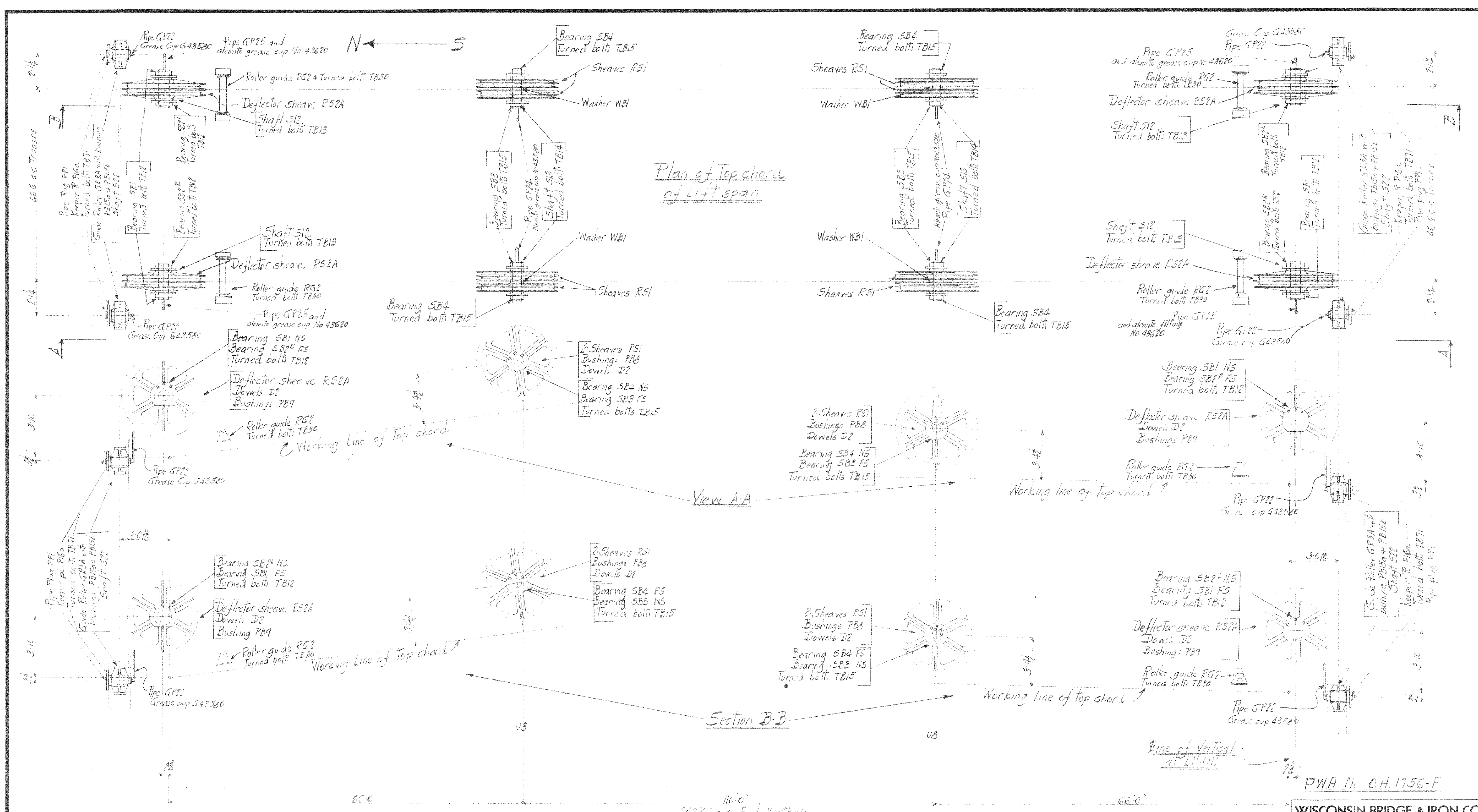
Section A-A

PWA No CH 1756-F

WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

FOR	City of Texeland
LOCATION	Texeland, Ohio
DESCRIPTION	counterweight and lifting gear
DETAILS OF	counterweight and lifting gear
SPECIFICATIONS	REMAINING
INSPECTED BY	ERECTED BY
SHOP PAINT	
FIELD PAINT	
MADE BY	J.F.S. DATE 1-5-40
TRACED BY	DATE
CHECKED BY	DATE 2-6-40
SCALE	
SECTION	
CONT. No.	67121314
SHEET No.	7

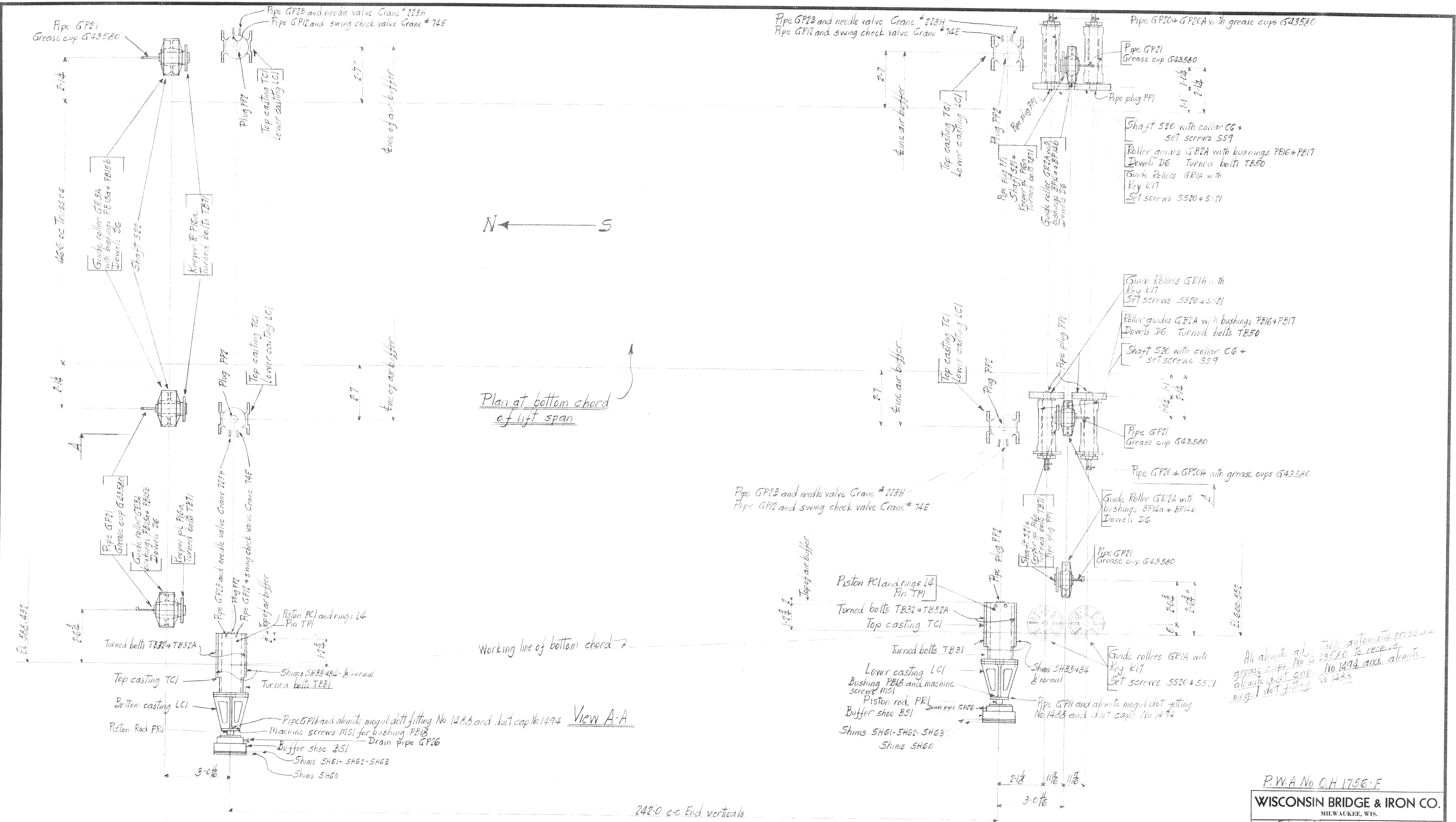
Date									
Revised									



All alternate adjustable automatic grease cups No G43580 and G43620 to receive alternate megal dot fitting #1428 and dust caps #1494

Date				
Revised				

WISCONSIN BRIDGE & IRON CO.		MILWAUKEE, WIS.	
FOR City of Cleveland			
LOCATION	Cleveland Ohio		
DESCRIPTION	Columbus Road Lift Bridge		
DETAILS OF	Mechanical Erection Plan		
SPECIFICATIONS	REAMING		
INSPECTED BY	ERECTED BY		
SHOP PAINT	FIELD PAINT		
MADE BY JFS	DATE 2/10	RIVETS	
TRACED BY	DATE 2/10	OPEN HOLES	
CHECKED BY	DATE 2/10	UNLESS NOTED	
SCALE		SHEET No.	3
SECTION		CONT. No.	6212-13-14



Plan at bottom chord of lift span

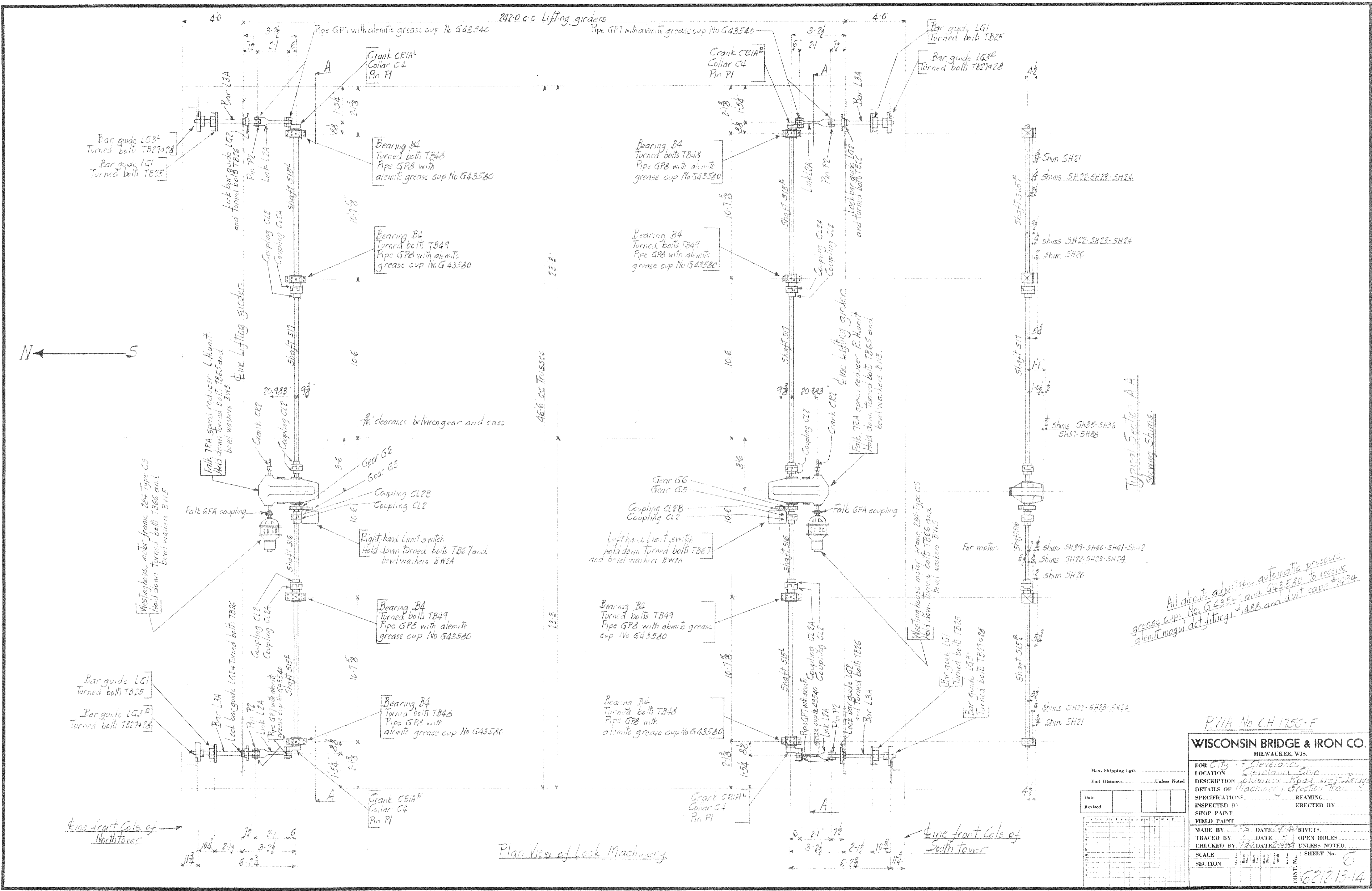
Working line of bottom chord

View A-A

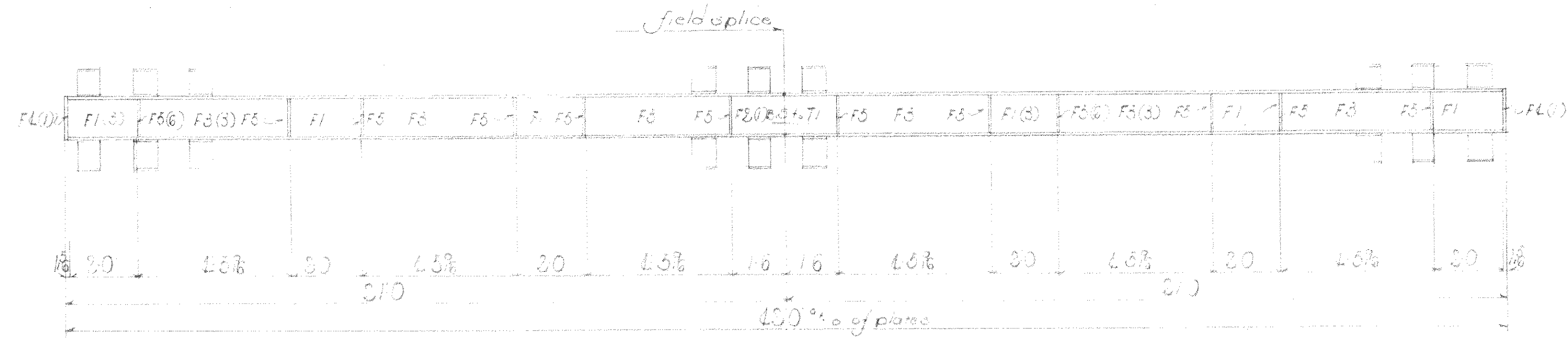
All alkente ad. table automatic process grease cups No 1494 to receive alkente just cap. No 1494 and alkente megal dot fitting No 1483

P.W.A No OH 1756-F
WISCONSIN BRIDGE & IRON CO.
 MILWAUKEE, WIS.

Max. Shipping Lgh.	
End Distance	Unless Noted
Date	
Revised	
FOR City of Cleveland, Ohio	
LOCATION Cleveland, Ohio	
DESCRIPTION Columbus Road Lift Bridge	
DETAILS OF Machinery Erection Plan	
SPECIFICATIONS	REAMING
INSPECTED BY	ERECTED BY
SHOP PAINT	
MADE BY J.F.S.	DATE 2-24-40
TRACED BY	DATE
CHECKED BY M.S.	DATE 2-24-40
SCALE	SHEET No. 4
SECTION	CONT. No. 6212-13-14

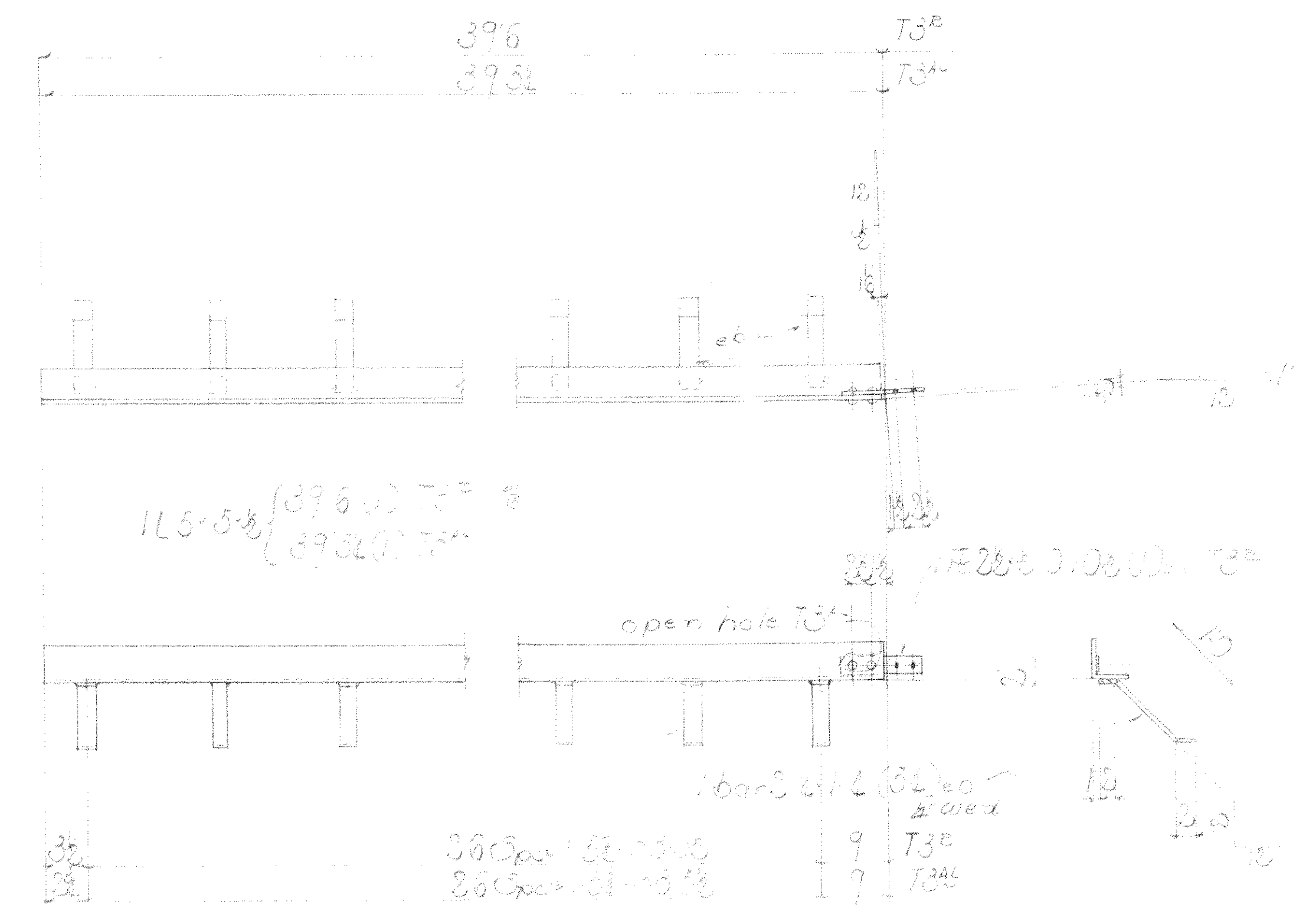
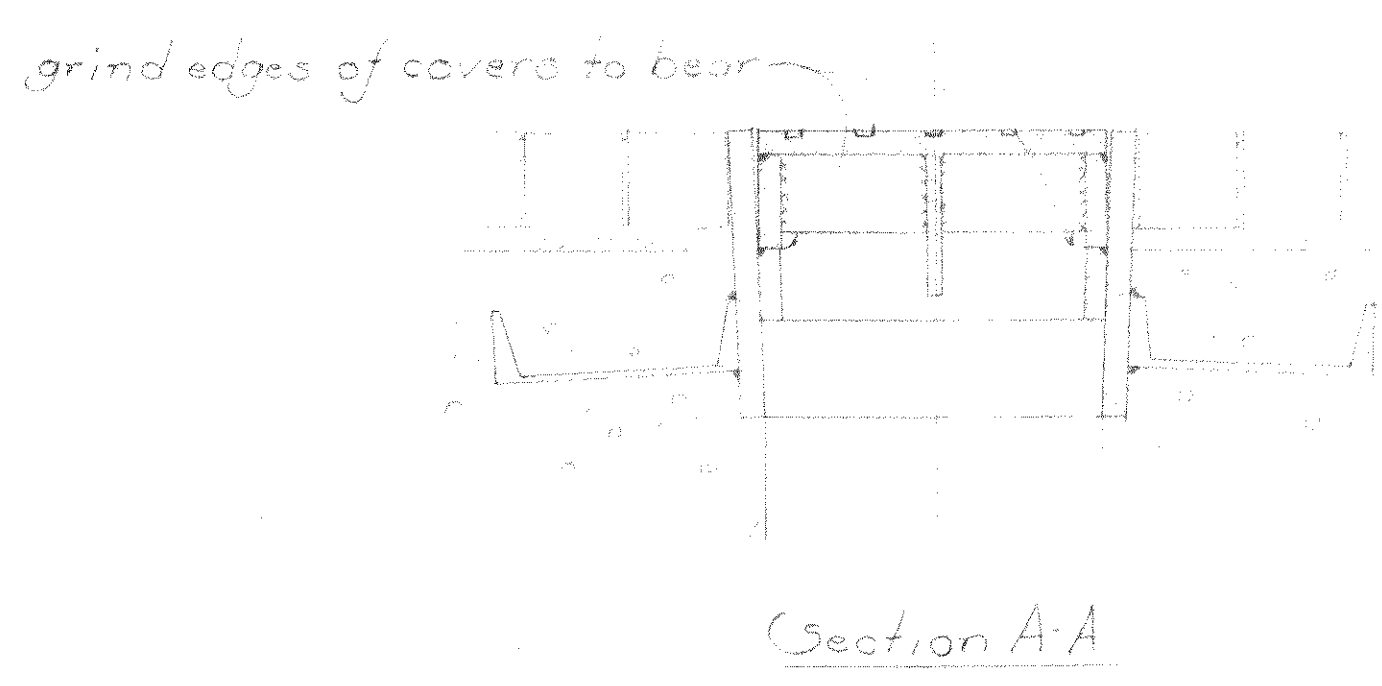
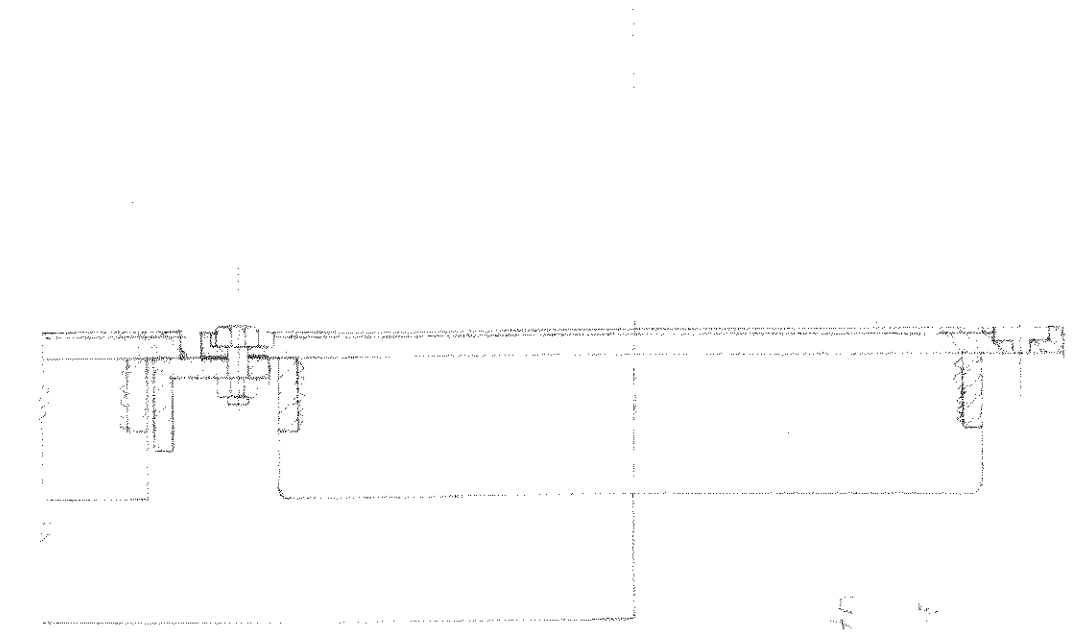
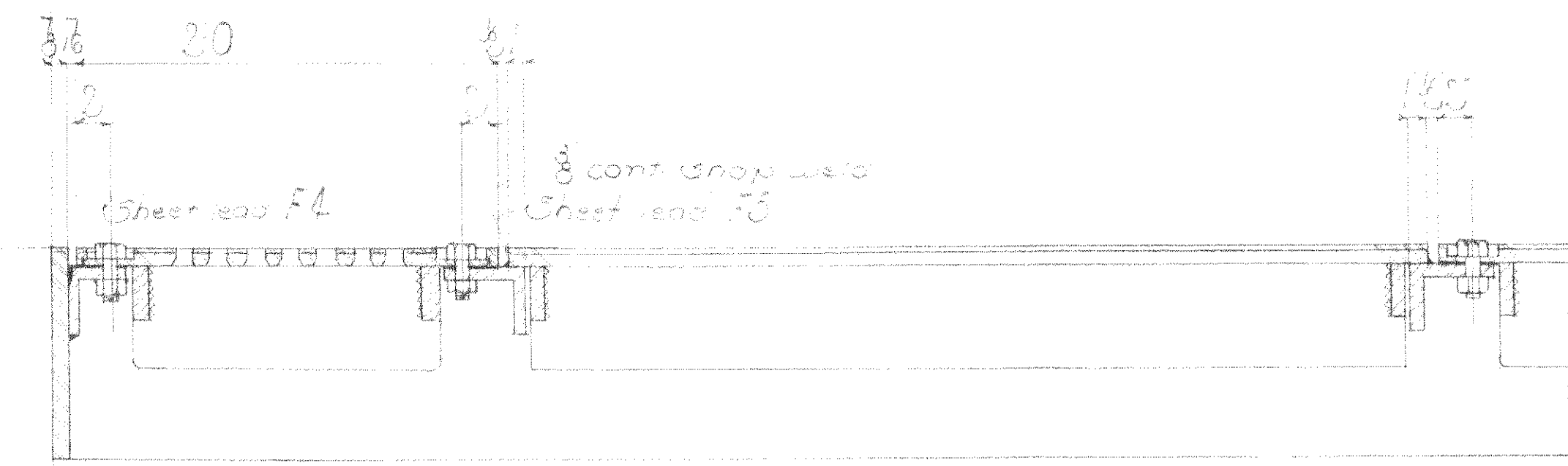
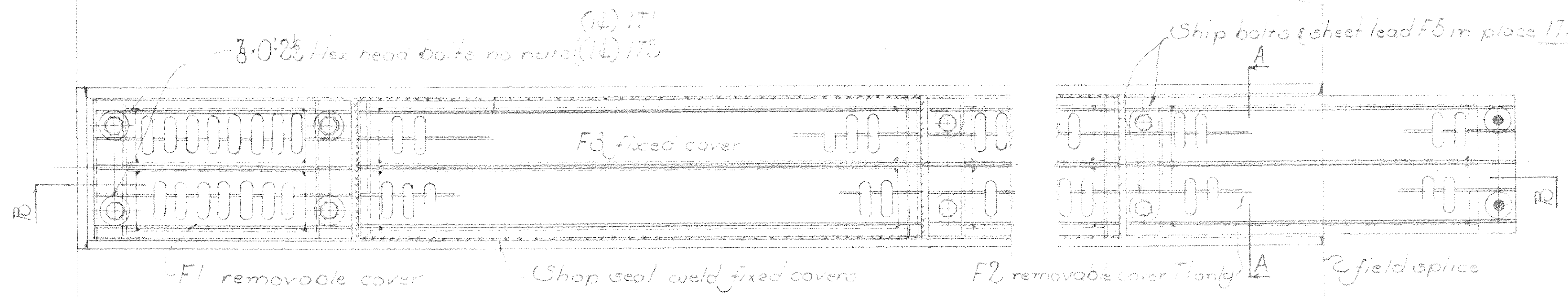


WISCONSIN BRIDGE & IRON CO. MILWAUKEE, WIS.	
FOR City of Cleveland LOCATION: Cleveland Ohio DESCRIPTION: Columbus Road Lift Bridge DETAILS OF Machinery Section Tran.	DATE: 1-14-14 TRACED BY: [Signature] CHECKED BY: [Signature] DATE: 2-10-14 SCALE: SECTION SHEET No. 6 CONT. No. 621213-14
Max. Shipping Lgth. _____ End Distance _____ Unless Noted Date _____ Revised _____	SPECIFICATIONS REAMING INSPECTED BY _____ ERECTED BY _____ FIELD PAINT MADE BY _____ DATE: 1-14-14 TRACED BY _____ DATE: _____ OPEN HOLES CHECKED BY _____ DATE: 2-10-14 UNLESS NOTED SCALE: SECTION SHEET No. 6 CONT. No. 621213-14



1-DBAIN-171

1-DBAIN-173



2-ANGLES-173B
2" x 18" angle

Note:
For detail of parts see sheet 15
No paint contact surfaces above or field
A-1 material copper bearing carbon steel
Paint mark yellow
Work this sheet with sheet 18
Surfaces in contact with concrete shall
not be painted

No.	Description	Max. Bill By
1	Drawn	7/11/16
2	Checked	7/13/16
3	Approved	7/25/16

RWA 1766-F

WISCONSIN BRIDGE & IRON CO.
MILWAUKEE, WIS.

FOR CITY OF MILWAUKEE
LOCATION Washington Ave. Bridge
DESCRIPTION Steel Deck Beam Girders
DETAILS OF Deck
SPECIFICATIONS See State REAMING
INSPECTED BY W. J. ... ERRECTED BY W. J. ...
SHOP PAINT By ...

FIELD PAINT
MADE BY ... DATE ... RIVETS
TRACED BY ... DATE ... OPEN HOLES
CHECKED BY M.G.O. DATE 1/28/17 UNLESS NOTED

SCALE SECTION A SHEET No. 1
CONT. No. 6225

Date					
Revised					

