

**GEN NOTES:-**

Shop Rivets:- 1" unless noted  
 Open Holes:- 1 1/8" unless noted  
 All holes subpunched 1/8" and reamed to fit except holes for shop and field rivets in diaphragms and bracing which may be punched full size as noted.  
 All holes in gusset plates to be subpunched 1/8" and reamed to fit after truss is assembled in yard.  
 Shop rivets in gusset plates to be driven after truss is assembled.  
 Field connections with 1" rivets to be subpunched 1/8" and reamed to fit with members assembled.  
 Holes in material over 1" thick to be sub-drilled 1/8" and reamed to fit.  
 Holes marked "gutter connection" to be circled with white paint after member is painted.  
 Edge distances 1 1/2" minimum - unless noted.  
 Tack weld loose ends of main material about 2" o.c.

**MATERIAL SPECS:-**

Rivet Steel:- A.S.T.M. - A141-36 }  
 Structural Steel:- A.S.T.M. - A7-36 } with  
 copper bearing content of 0.20%

**SHOP PAINT:-**

2 Coats of Zinc Chromate.  
 Shop contact surfaces not painted.  
 Surfaces inaccessible after erection (where indicated on shop drawings) to be given one additional shop coat of aluminum paint. Finished surfaces to be given one coat of slushing compound.

**Diaph. Material for Sec F-F.**

2-1s 3 1/2 x 3 1/2 x 1/8 x 15-aa (C6306) cut  
 2-1s 3 1/2 x 3 1/2 x 1/8 x 14-ab  
 2-Pls 12 x 8 x 1/4 - ac (C6311) cut  
 2-Fills 3 1/2 x 3 x 1/8 - ad (C6312) cut

**(L110-5)**

Bore 9/16" Pin Hole for 9/16" Pin.  
 Pin Hole to be bored after riveting, and must be true to dimensions and in accurate alignment.

**MAIN MATERIAL**

1-Cor. R 22 x 8 x 22-1/2 - Top (C6065)  
 2-1s 8 x 6 x 3/8 x 22-1/2 - Top (C6057) cut  
 2-Rs 30 x 1/2 x 20-1/2 - Side (S) (C6060) cut  
 2-Rs 30 x 1/2 x 22-1/2 - Side (S) (C6060) cut  
 2-Rs 14 x 3/8 x 22-7/8 - 1/2 Web (C6063) cut  
 2-1s 8 x 6 x 3/8 x 22-1/2 - Bottom (C6057) cut  
 1-Cor. R 22 x 8 x 22-1/2 - Bottom (C6065)  
 2-Rs 28 x 1/2 x 22-1/2 - 1/2 Web (C6063) cut

**THE R. C. MAHON COMPANY**  
 DETROIT, MICHIGAN  
**STRUCTURAL STEEL DIVISION**

**MAIN AVENUE BRIDGE**  
 CLEVELAND, OHIO

Bottom Chord L110-L115 Span #10

Made by: C.P.V. Checked by: A.T. Date: 1-29-33  
 Shop Rivets: 1" U.M. See Shop Paint. See Notes  
 Open Holes: 1 1/8" U.M. Notes Field Paint

CONTRACT 37237 SHEET No. 829

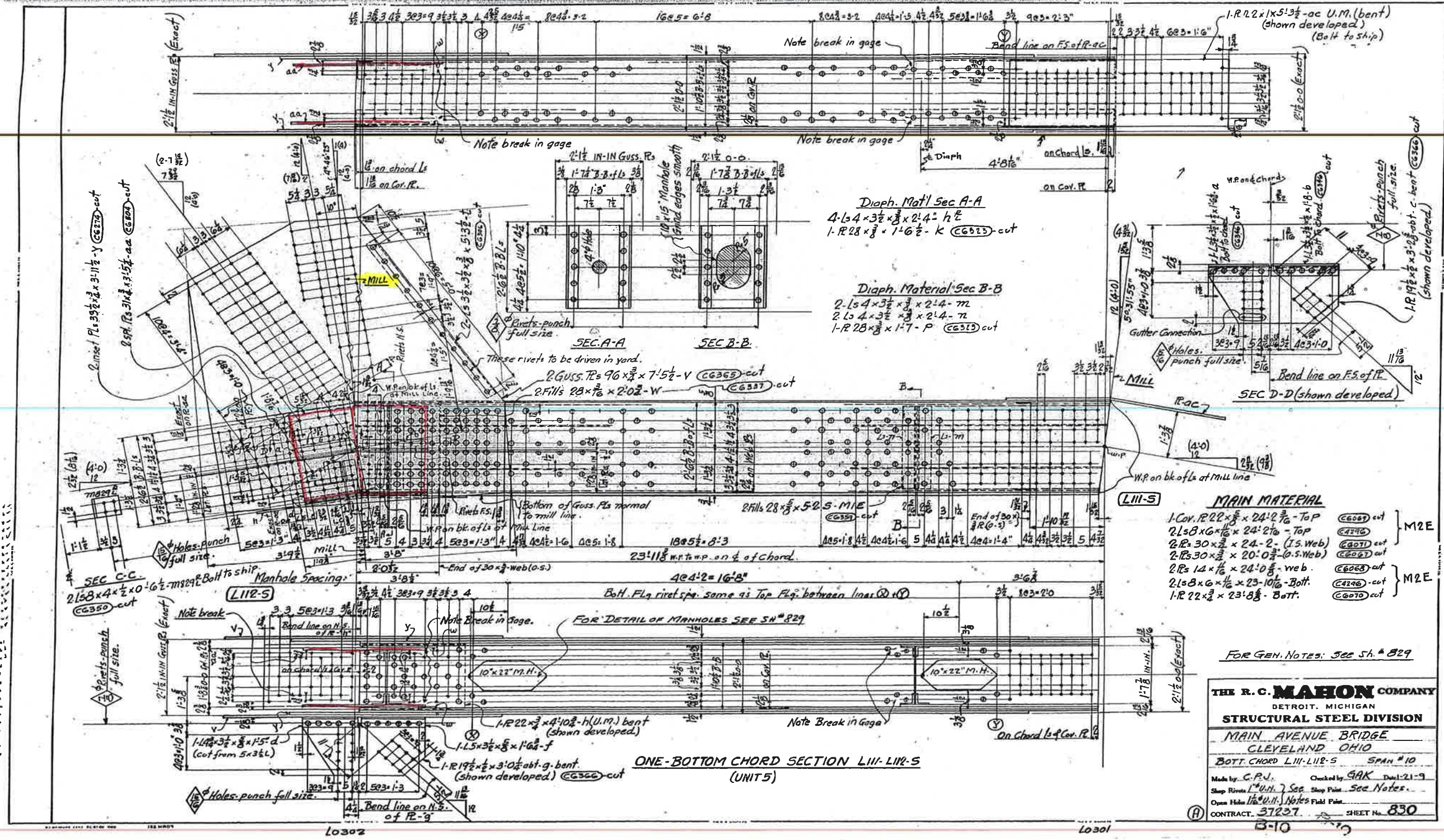
**ONE-BOTTOM CHORD SECTION - L110-L115**  
 (UNIT 5)

L111 S

L0300

L0301





L112 S

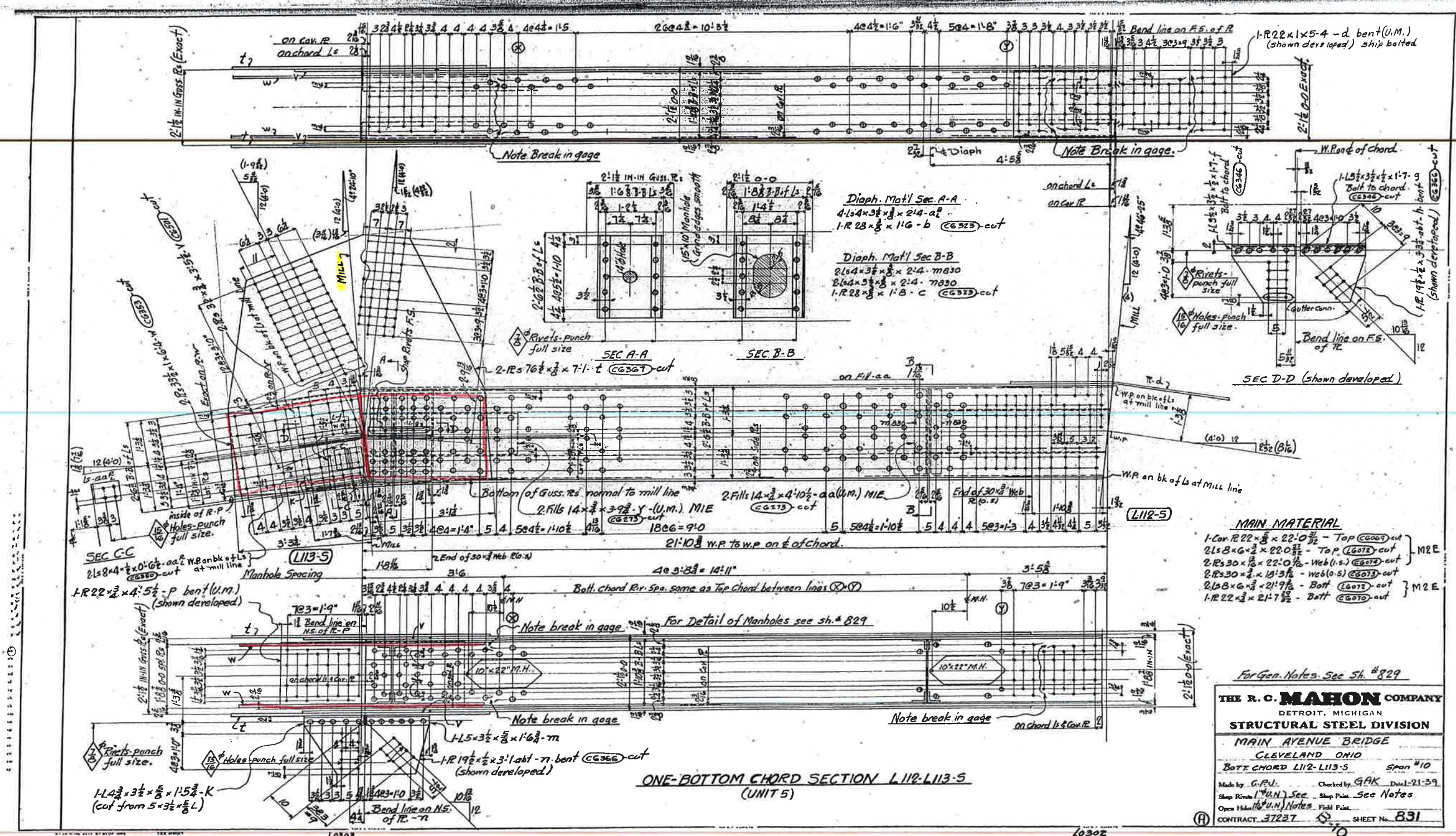
**MAIN MATERIAL**

1-Cov. R22 x 5/8 x 24'-2 3/4" - Top	(CG687) cut	} M2E
2-15B x 6 x 1/2 x 24'-2 3/4" - Top	(CG496) cut	
2-Rs 30 x 3/8 x 24'-2" - (I.S. Web)	(CG671) cut	
2-Rs 30 x 3/8 x 20'-0 3/4" - (O.S. Web)	(CG667) cut	
2-Rs 12 x 1/2 x 24'-0 3/4" - web	(CG668) cut	
2-15B x 6 x 1/2 x 23'-10 1/2" - Bott.	(CG496) cut	} M2E
1-R 22 x 3/8 x 23'-8 3/8" - Bott.	(CG670) cut	

FOR GEN. NOTES: SEE SH. # 829

**THE R. C. MAHON COMPANY**  
 DETROIT, MICHIGAN  
**STRUCTURAL STEEL DIVISION**  
 MAIN AVENUE BRIDGE  
 CLEVELAND, OHIO  
 BOTTOM CHORD L11-L12-5 SPAN # 10  
 Made by: C.P.J. Checked by: GAK Date: 2-21-9  
 Shop Rivets: 1" U.M. See Shop Print. See Notes.  
 Open Holes: 1 1/2" U.M. Notes Field Print.  
 CONTRACT: 37227 SHEET No. 830





L113 5

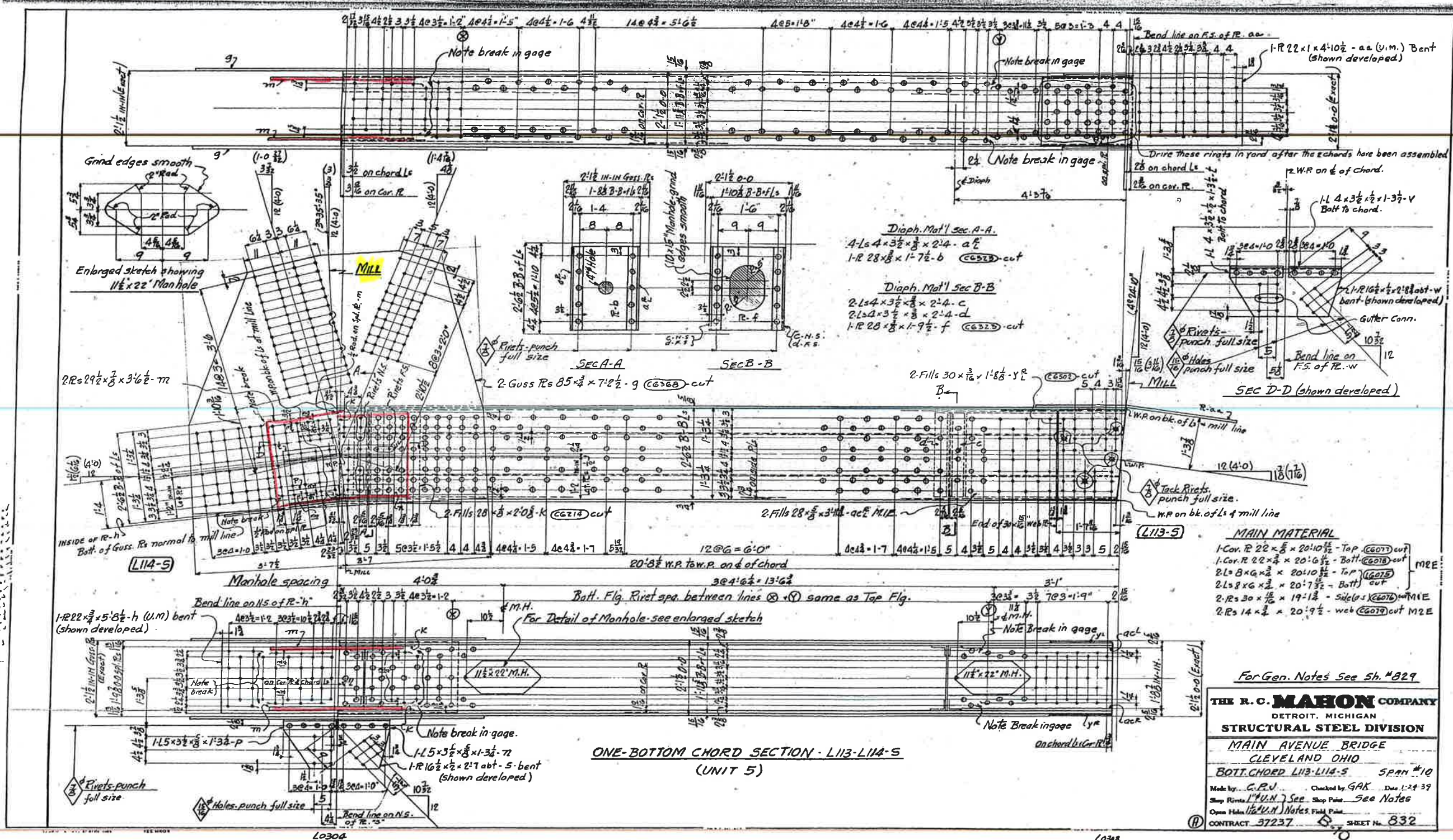
For Gen. Notes See Sh. #829

**THE R. C. MAHON COMPANY**  
 DETROIT, MICHIGAN  
**STRUCTURAL STEEL DIVISION**  
 MAIN AVENUE BRIDGE  
 CLEVELAND, OHIO  
 BOTTOM CHORD L112-L113-5 Span #10

Made by G.P.U. Checked by G.P.K. Date: 2-1-59  
 Shop Prints (P.U.N.) See Shop Prints See Notes  
 Open House (P.U.N.) Notes Field Prints

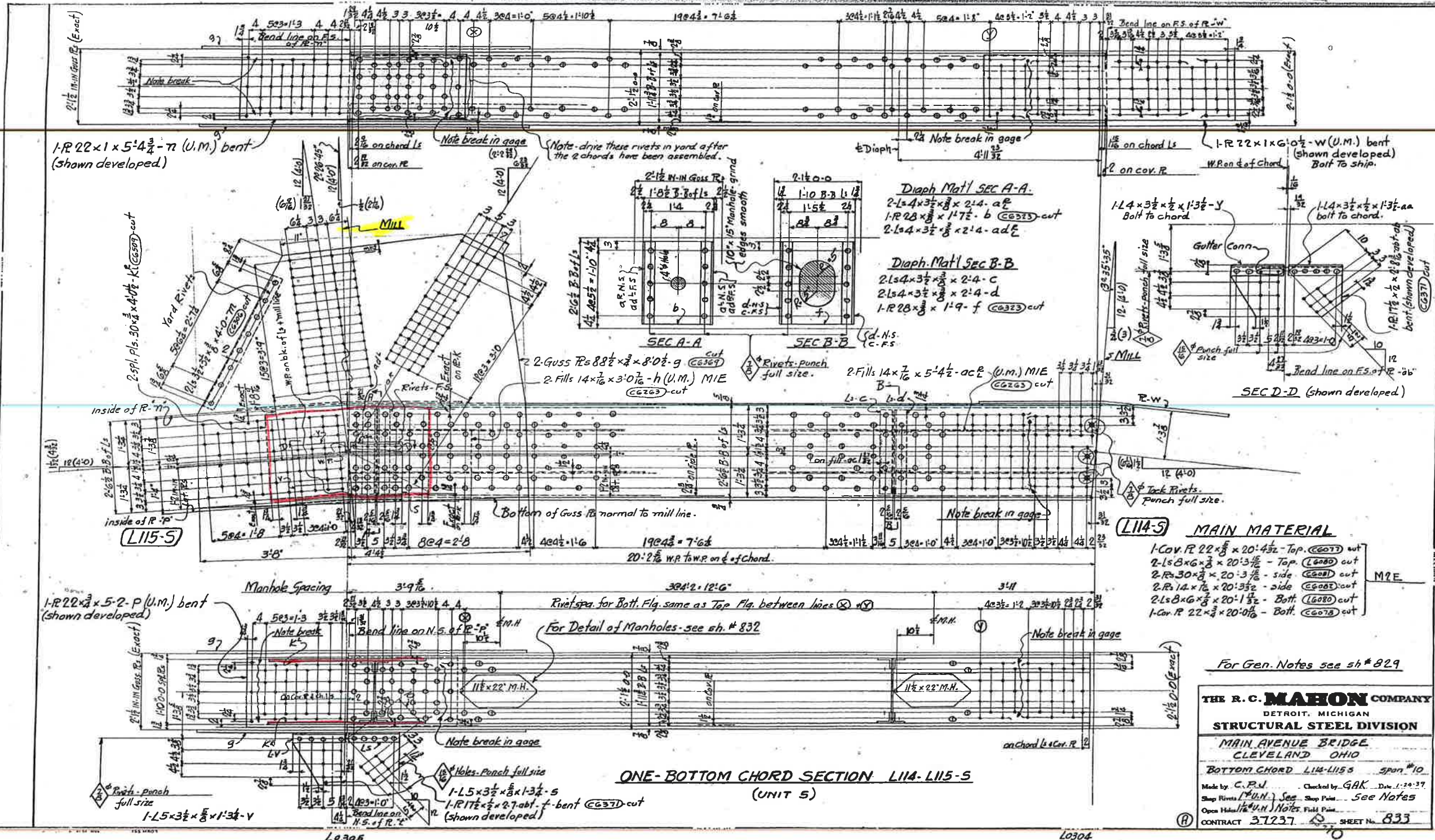
CONTRACT 3727 SHEET No. 831





L114 S





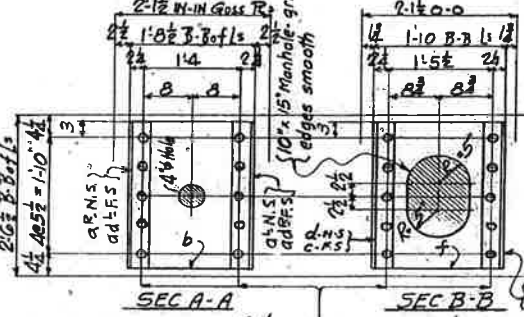
1-R 22x1 x 5'-4 1/2" - W (U.M.) bent (shown developed)

2-spl. Pls. 30 x 1/4 x 4'-0" - K (shown cut)

L115-5

1-R 22x3 x 5'-2" - P (U.M.) bent (shown developed)

1-L5 x 3 1/2 x 3/8 x 1'-3 1/2" - V



Diaphragm Mat SEC A-A  
2-L5x3 1/2 x 3/8 x 2'-4" - a-f  
1-R2B x 3/8 x 1'-7 1/2" - b (CG323) cut  
2-L5x4 x 3 1/2 x 3/8 x 2'-4" - a-f

Diaphragm Mat SEC B-B  
2-L5x4 x 3 1/2 x 3/8 x 2'-4" - c  
2-L5x4 x 3 1/2 x 3/8 x 2'-4" - d  
1-R2B x 3/8 x 1'-9" - f (CG323) cut

- L114-5 MAIN MATERIAL**
- 1-Cov. R 22 x 3/8 x 20'-4 1/2" - Top (CG077) cut
  - 2-L5 x 3/8 x 3/8 x 20'-3 1/2" - Top (CG080) cut
  - 2-R 30 x 3/8 x 20'-3 1/2" - side (CG081) cut
  - 2-R 14 x 1/2 x 20'-3 1/2" - side (CG082) cut
  - 2-L5 x 3/8 x 3/8 x 20'-1 1/2" - Both (CG080) cut
  - 1-Cov. R 22 x 3/8 x 20'-0 1/2" - Both (CG078) cut

For Gen. Notes see sh # 829

**THE R. C. MAHON COMPANY**  
DETROIT, MICHIGAN  
**STRUCTURAL STEEL DIVISION**  
MAIN AVENUE BRIDGE  
CLEVELAND OHIO

**BOTTOM CHORD L114-L115-5** span #10

Made by C.R.N. Checked by GAK Date 1-24-37  
Shop Rivets (U.M.) See Shop Print See Notes  
Open Holes (U.M.) Notes, Field Print

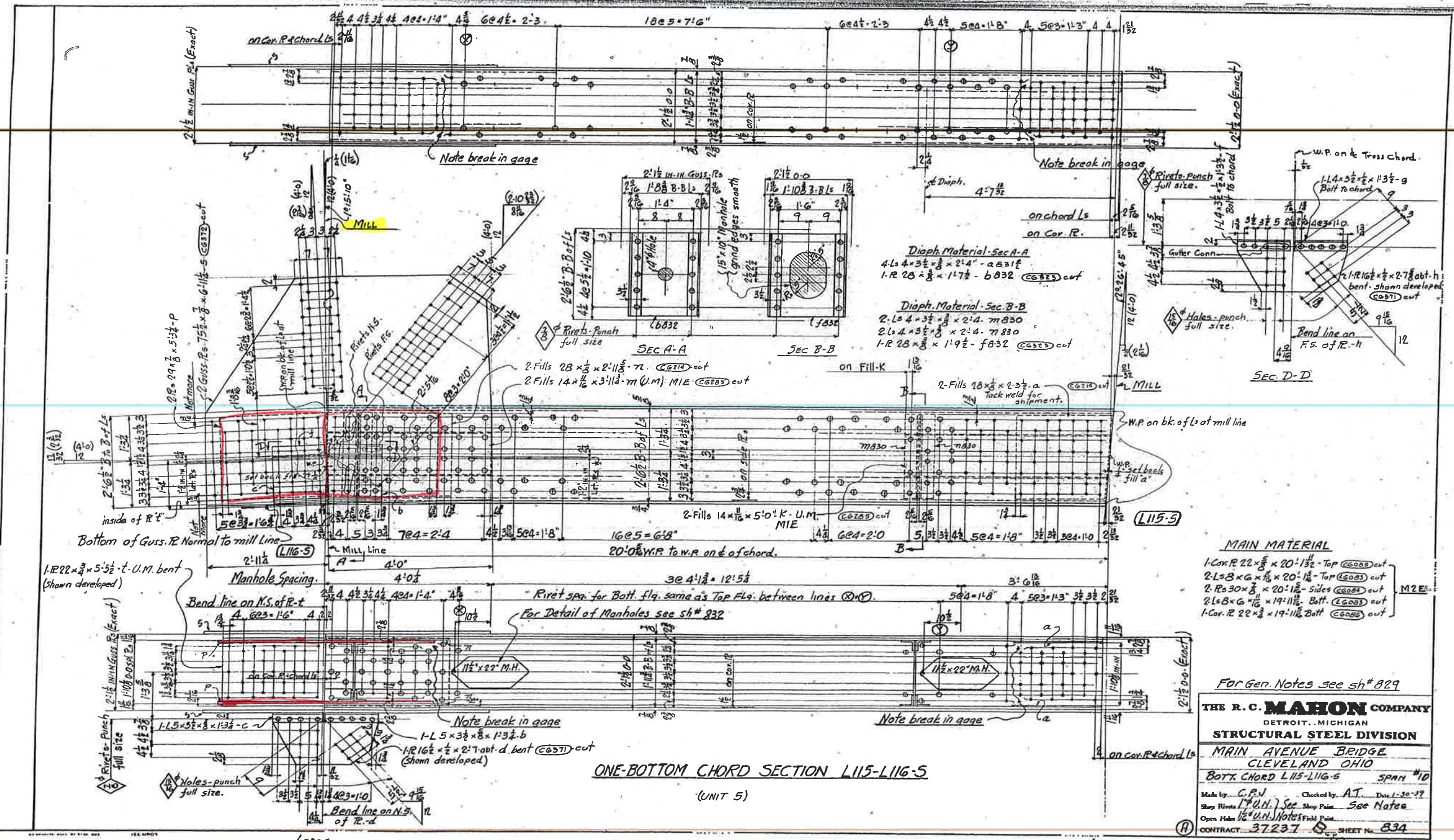
CONTRACT 3.7237 SHEET No. 833

L115 S

L0305

L0304





ONE-BOTTOM CHORD SECTION L115-L116-5

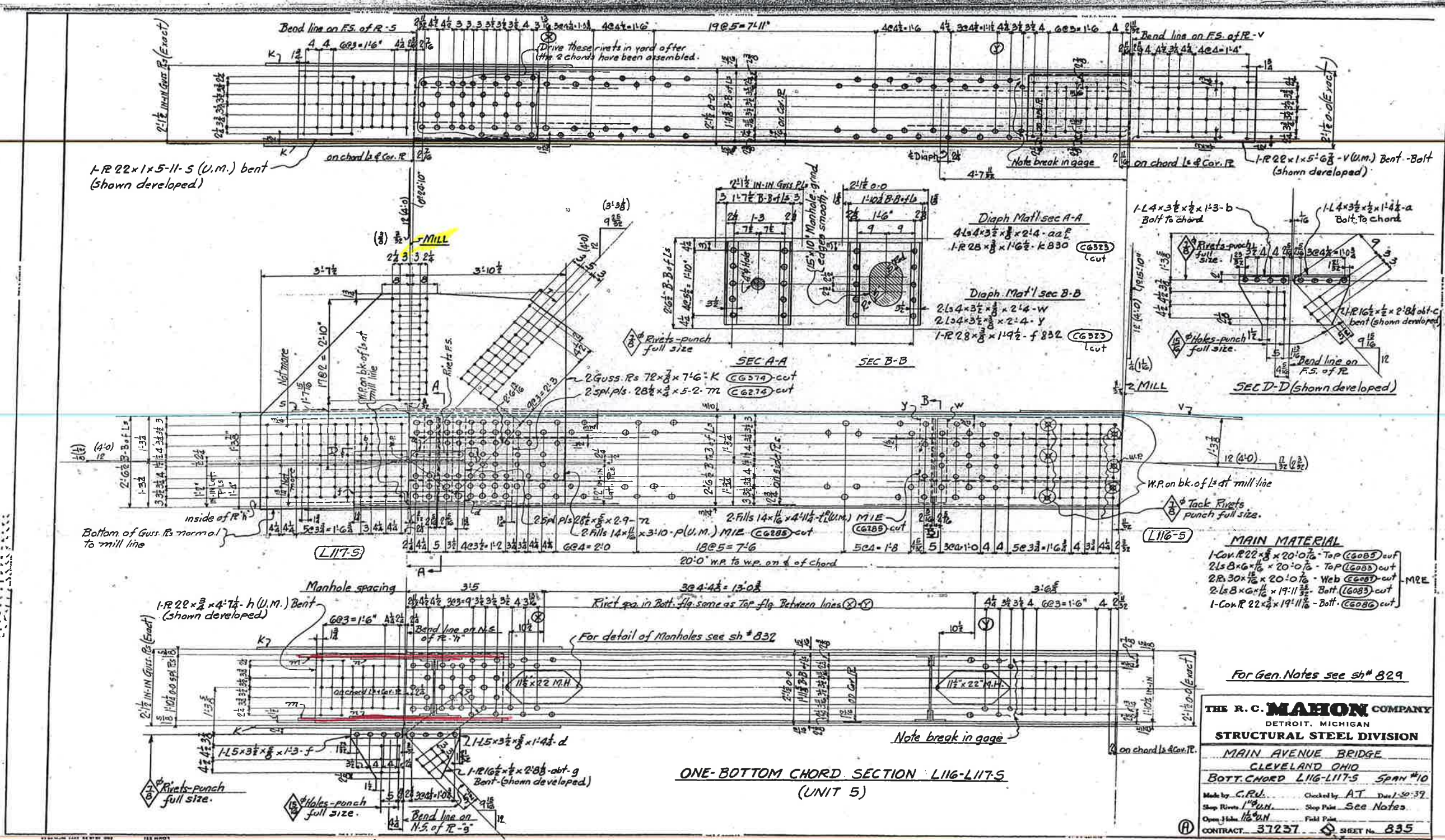
(UNIT 5)

L116 S

L0306

L0305



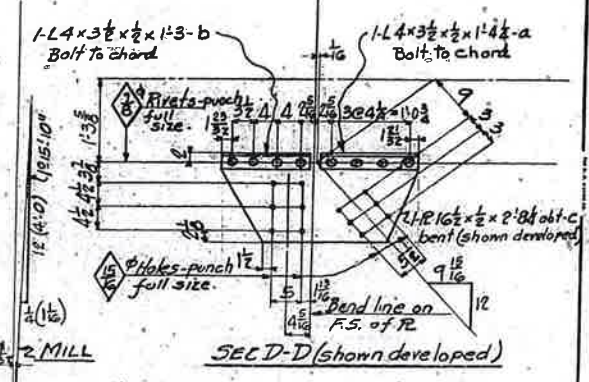


1-R 22x5-11-5 (U.M.) bent  
(shown developed)

1-R 22x5-6 3/4 -V (U.M.) Bent - Bolt  
(shown developed)

Diaph. Mat' sec A-A  
4-Ls 4x3 1/2x1/2x2-4-aaf  
1-R 28x3/8x1-6 1/2-K 830 (CG223) cut

Diaph. Mat' sec B-B  
2-Ls 4x3 1/2x1/2x2-4-W  
2-Ls 4x3 1/2x1/2x2-4-Y  
1-R 28x3/8x1-9 1/2-f 832 (CG223) cut



SEC D-D (shown developed)

ONE-BOTTOM CHORD SECTION L116-L117-5  
(UNIT 5)

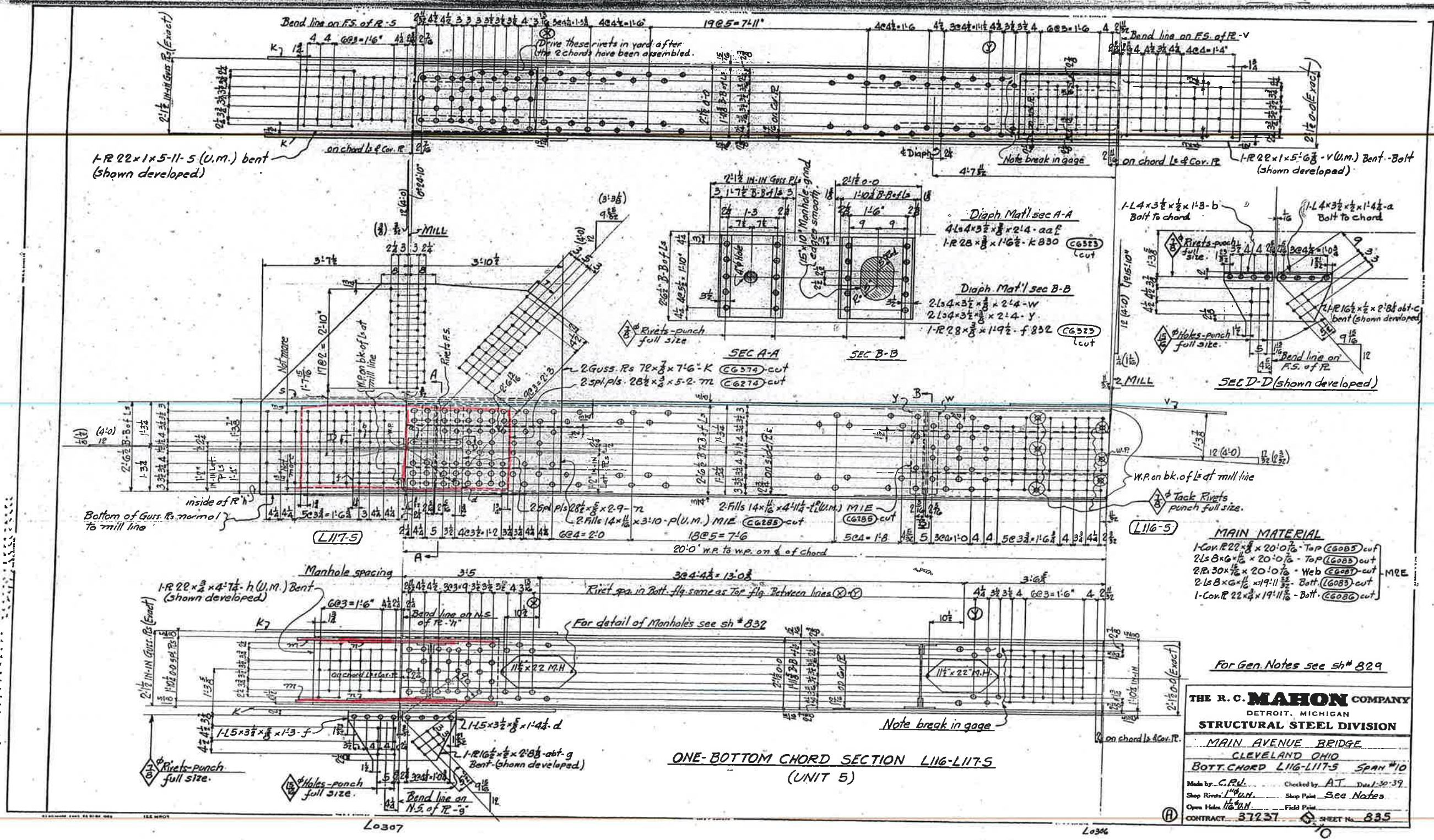
**MAIN MATERIAL**  
1-Cov. R 22x8x20-0 7/8 - Top (CG205) cut  
2-Ls 8x6x1/2x20-0 7/8 - Top (CG205) cut  
2-Ls 8x6x1/2x20-0 7/8 - Web (CG205) cut  
2-Ls 8x6x1/2x19-11 3/8 - Bolt (CG205) cut  
1-Cov. R 22x8x19-11 3/8 - Bolt (CG205) cut

For Gen. Notes see sh # 829

**THE R. C. MAHON COMPANY**  
DETROIT, MICHIGAN  
**STRUCTURAL STEEL DIVISION**  
MAIN AVENUE BRIDGE  
CLEVELAND OHIO  
BOTT. CHORD L116-L117-5 Span #10  
Made by: C.R.L. Checked by: A.T. Date: 1-30-39  
Shop Rivets: 1" PUN Shop Paint: See Notes  
Open Joints: 1 1/2" PUN Field Paint:  
CONTRACT: 31237 SHEET No. 835

L117 S





**MAIN MATERIAL**  
 1-Cov. R 22x8x20-0-7a - Top (C6085) cut  
 2-Ls 8x6x1/2x20-0-7a - Top (C6085) cut  
 2-Rs 30x1/2x20-0-7a - Web (C6085) cut  
 2-Ls 8x6x1/2x19-11-3/2 - Batt. (C6085) cut  
 1-Cov. R 22x8x19-11-3/2 - Batt. (C6086) cut

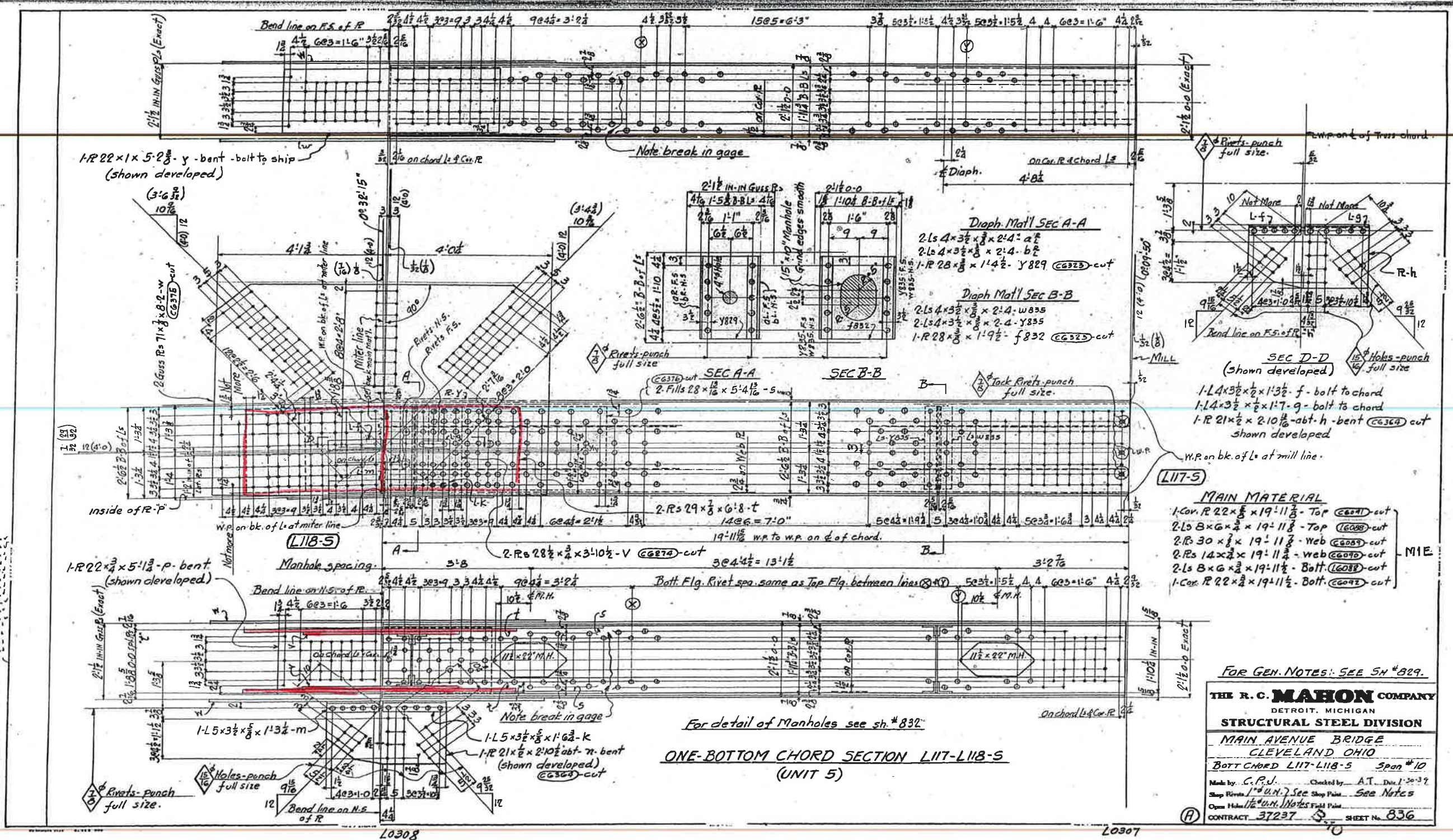
For Gen. Notes see sh # 829  
**THE R. C. MAHON COMPANY**  
 DETROIT, MICHIGAN  
**STRUCTURAL STEEL DIVISION**  
 MAIN AVENUE BRIDGE  
 CLEVELAND OHIO  
 BOTT. CHORD L116-L117.5 SPAN #10  
 Made by C.F.V. Checked by AT Date 10-30-39  
 Shop Rivets 1 1/4" UN. Shop Paint See Notes  
 Open Holes 1/2" UN. Field Paint  
 CONTRACT 37237 SHEET No. 835

L117 S  
 REPEAT

L0307

L0306





L118 S

FOR GEN. NOTES: SEE SH #829.

**THE R. C. MAHON COMPANY**  
 DETROIT, MICHIGAN  
**STRUCTURAL STEEL DIVISION**  
 MAIN AVENUE BRIDGE  
 CLEVELAND OHIO  
 BOTTOM CHORD LI7-LI8-S Span #10  
 Made by C.P.W. Checked by A.T. Date 1-20-39  
 Shop Rivets 1" UN. See Shop Print. See Notes  
 Open Holes 1/2" UN. Notes Full Print  
 CONTRACT 37237 SHEET No. 836

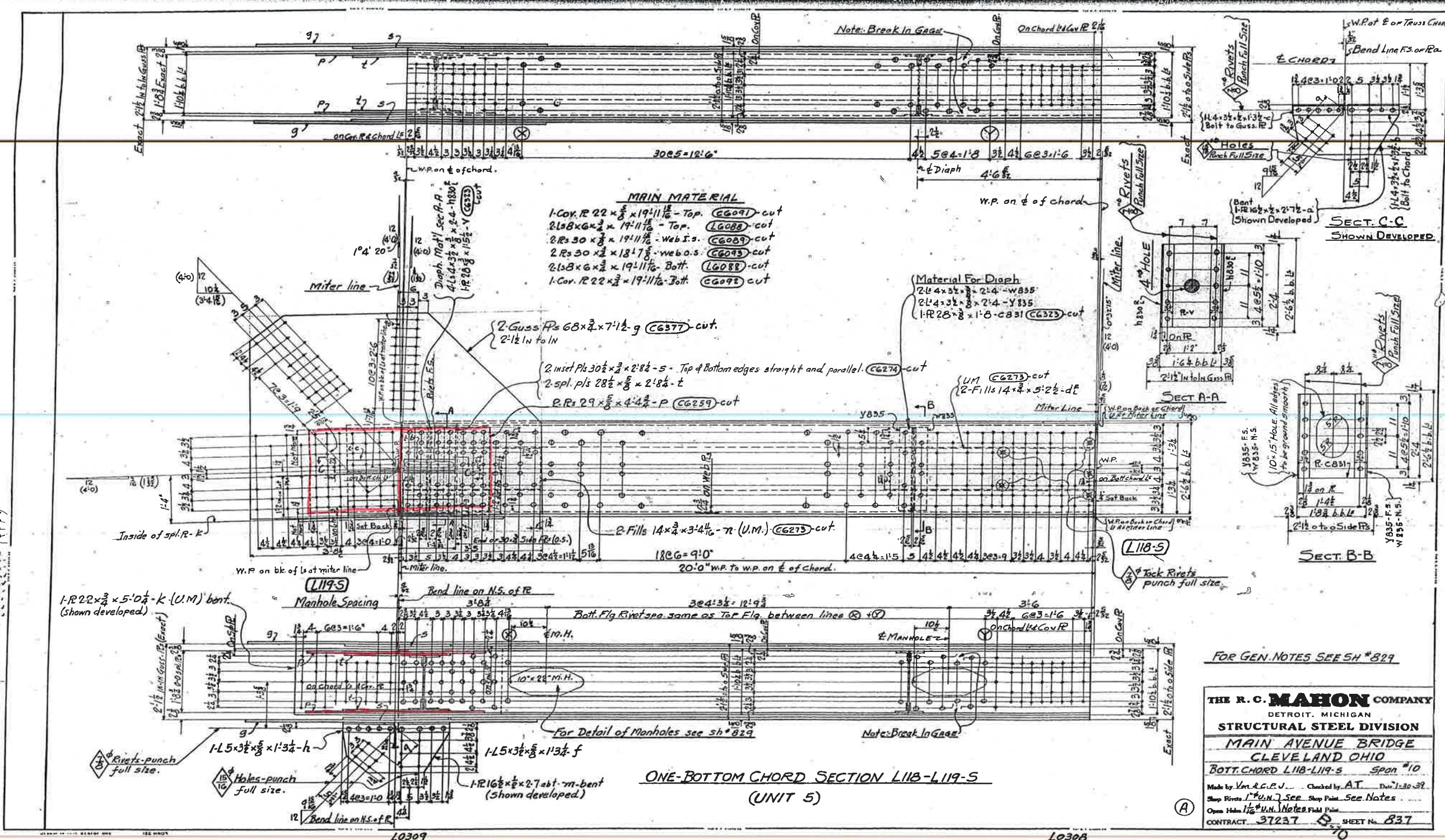
For detail of Manholes see sh. #832.

**ONE-BOTTOM CHORD SECTION LI7-LI8-S**  
 (UNIT 5)

LO308

LO307





L119 S

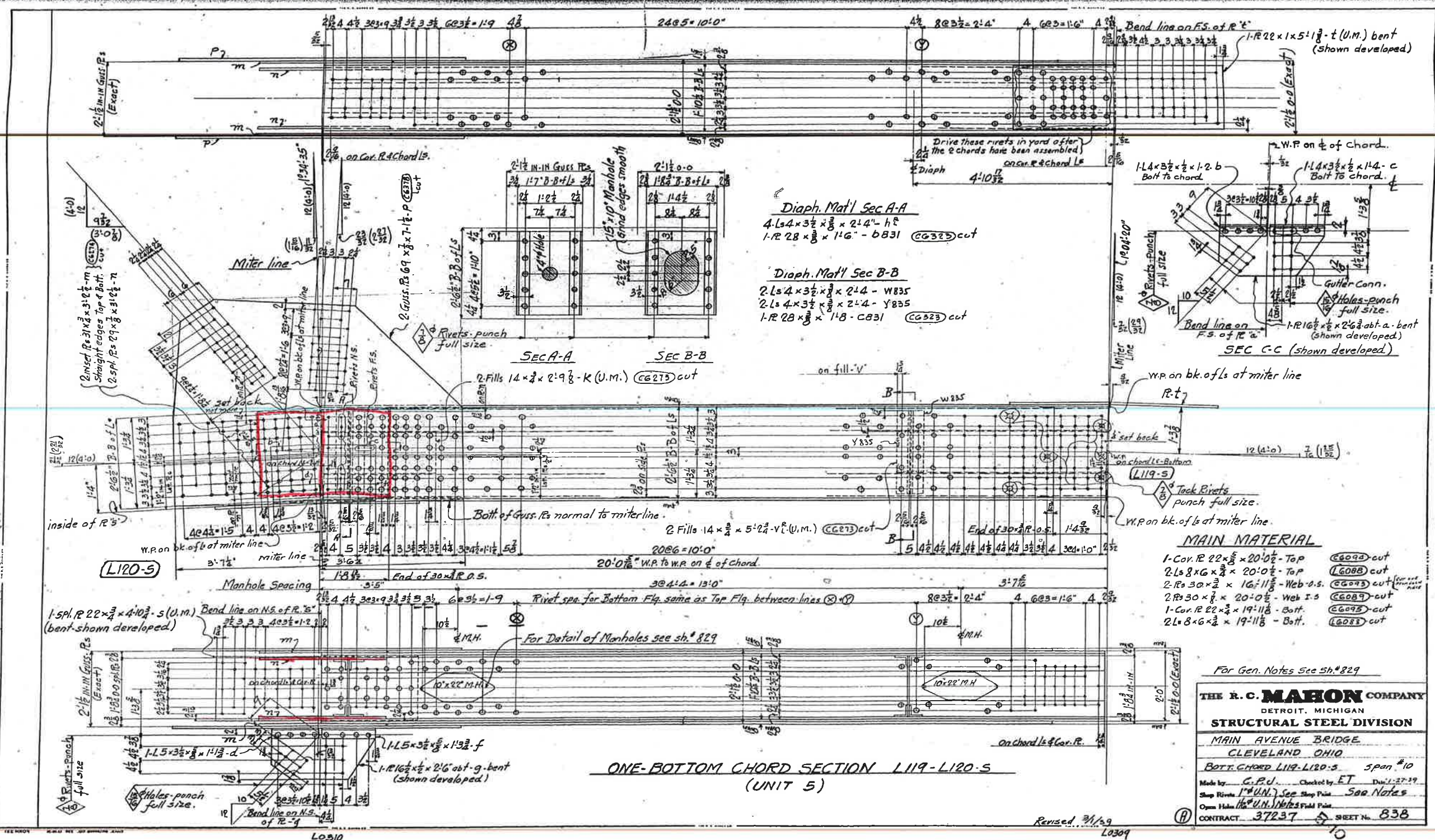
FOR GEN. NOTES SEE SH #829

**THE R. C. MAHON COMPANY**  
 DETROIT, MICHIGAN  
**STRUCTURAL STEEL DIVISION**  
 MAIN AVENUE BRIDGE  
 CLEVELAND, OHIO  
 BOTT. CHORD L118-L119-5 Span #10  
 Made by Van & C. V. Checked by A.T. Drawn by S.P.  
 Shop Rivets 1" U.N. See Shop Print See Notes  
 Open Holes 1 1/2" U.N. Notes Full Print  
 CONTRACT 37237 SHEET NO. 837

10309

10308

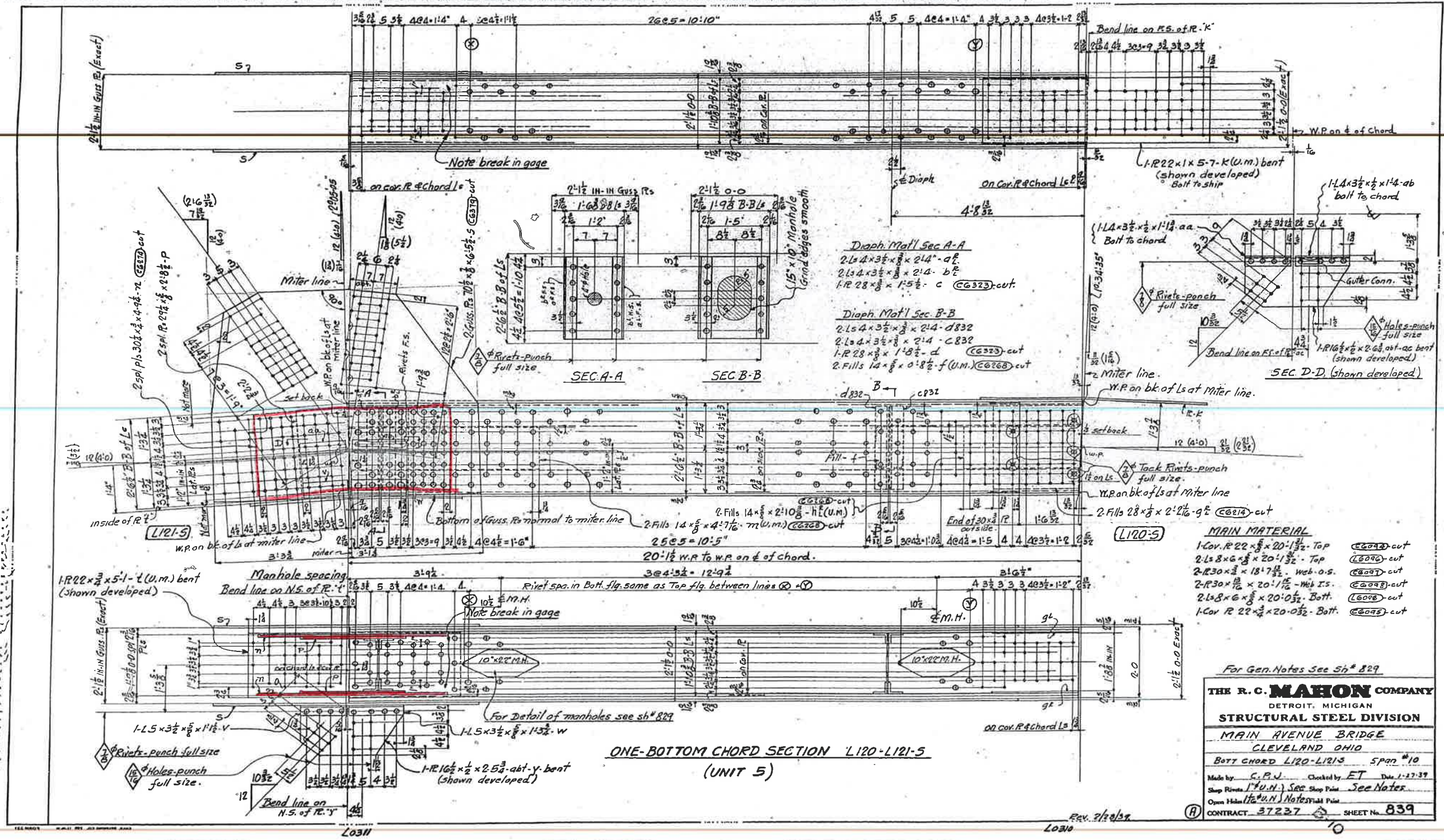




L120.5

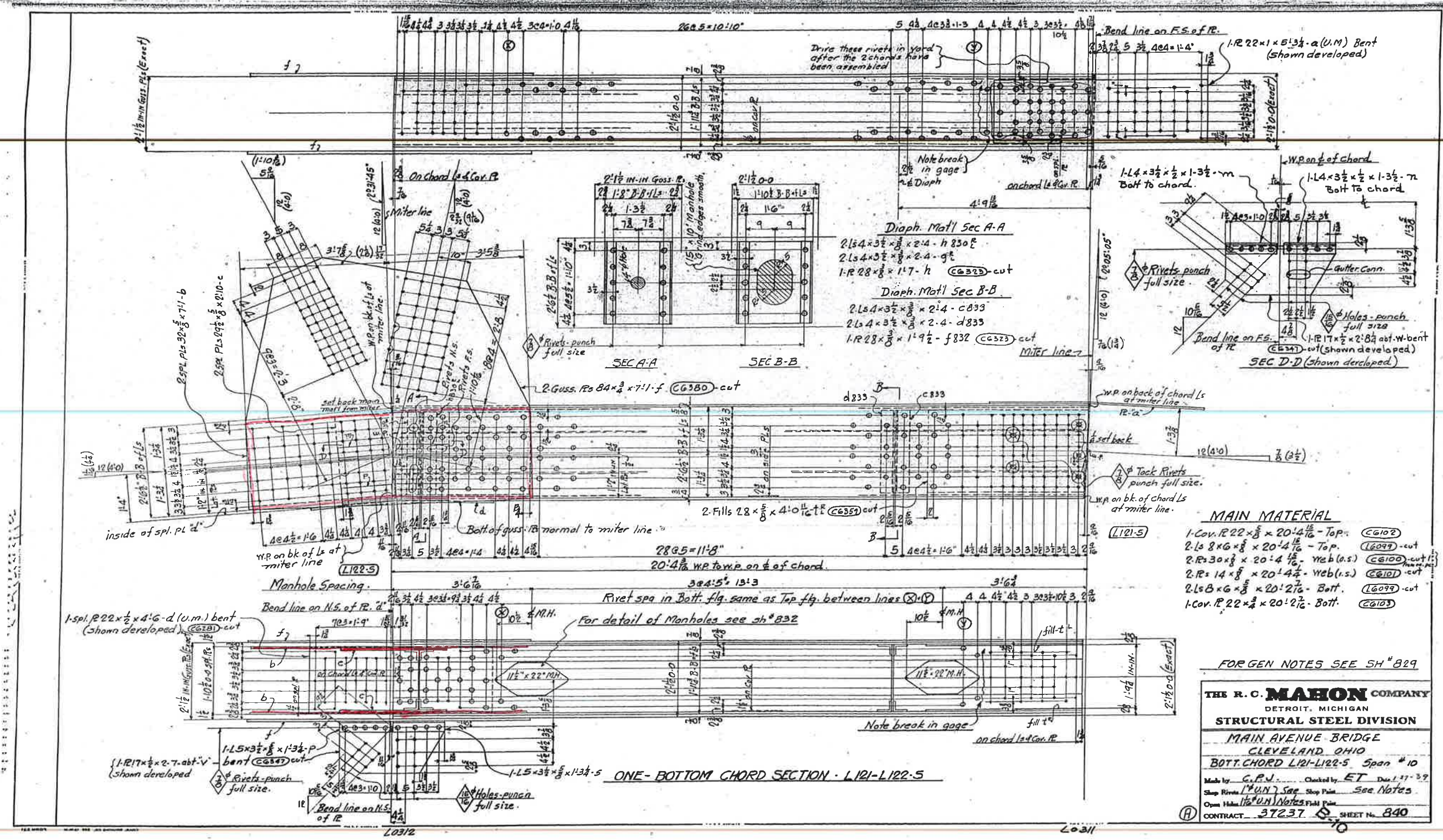
Revised 3/1/29  
L0309





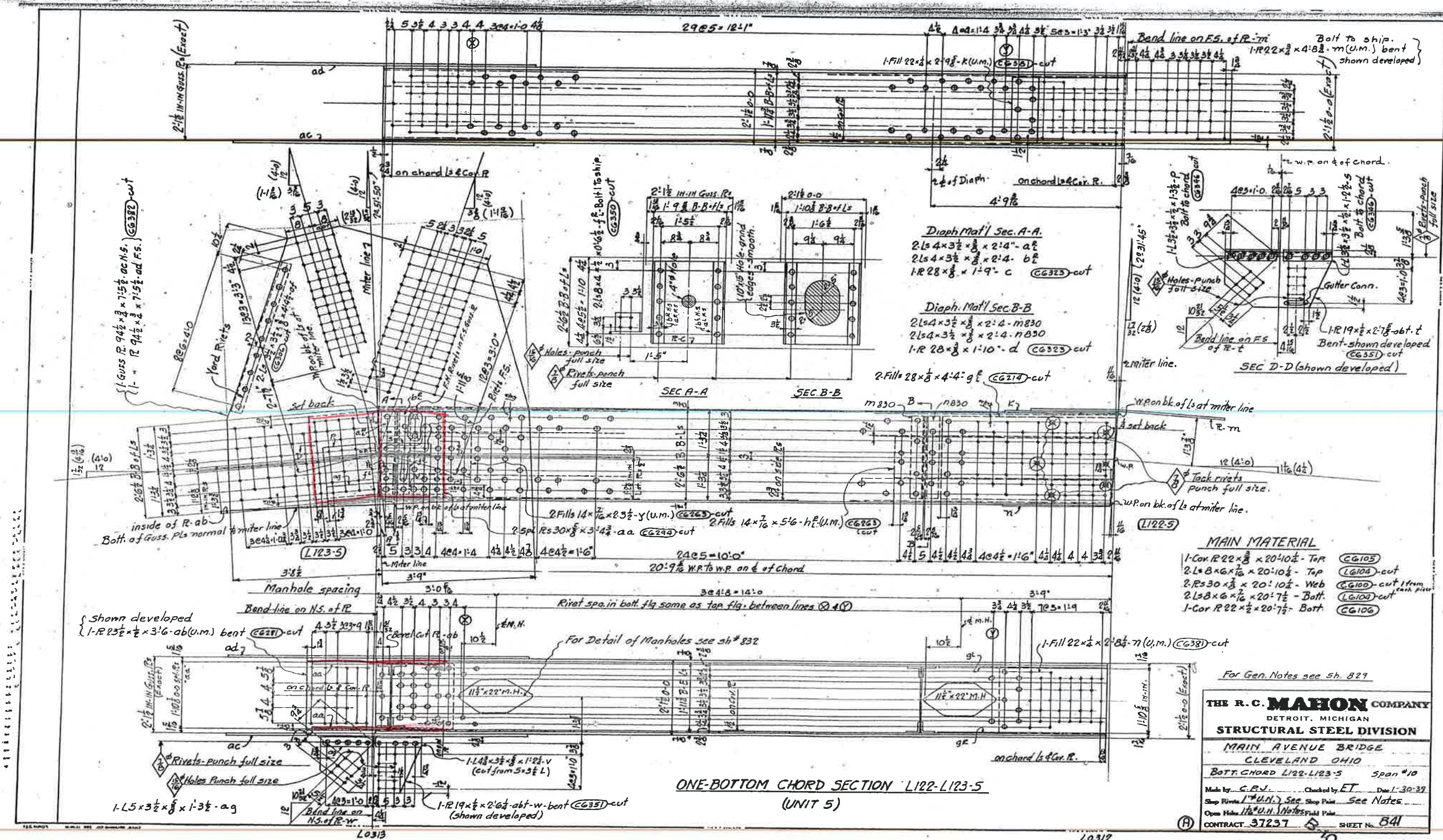
L121 S





L122 S

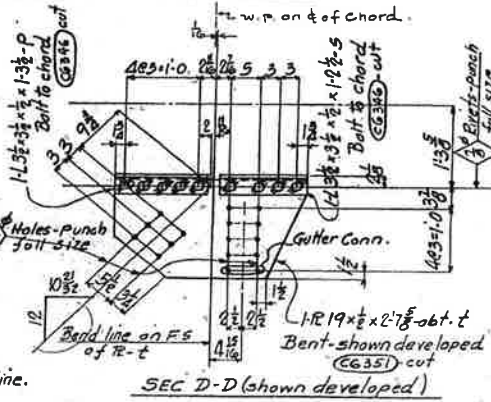




1-Guss. R. 94 1/2 x 3/8 x 7-5/8 ac N.S. (C6382) cut  
1- " R. 94 1/2 x 3/8 x 7-5/8 ad F.S. (C6382) cut

Diaph Mat' Sec. A-A  
2 Ls 4 x 3 1/2 x 3/8 x 2'-4" - a-f  
2 Ls 4 x 3 1/2 x 3/8 x 2'-4" - b-f  
1-R 28 x 3/8 x 1'-9" - c (C6323) cut

Diaph. Mat' Sec. B-B  
2 Ls 4 x 3 1/2 x 3/8 x 2'-4" - m830  
2 Ls 4 x 3 1/2 x 3/8 x 2'-4" - n830  
1-R 28 x 3/8 x 1'-10" - d (C6323) cut



MAIN MATERIAL  
1-Cor. R 22 x 3/8 x 20'-10 1/2 - Top (C6105)  
2 Ls B x 6 x 3/8 x 20'-10 1/2 - Top (L6109) cut  
2-Rs 30 x 3/8 x 20'-10 1/2 - Web (C6100) cut 1 from tank plate  
2 Ls B x 6 x 3/8 x 20'-7 1/2 - Bott. (L6109) cut  
1-Cor. R 22 x 3/8 x 20'-7 1/2 - Bott. (C6106)

ONE-BOTTOM CHORD SECTION L122-L123-5  
(UNIT 5)

For Gen. Notes see Sh. 829

**THE R. C. MAHON COMPANY**  
DETROIT, MICHIGAN  
**STRUCTURAL STEEL DIVISION**  
MAIN AVENUE BRIDGE  
CLEVELAND OHIO

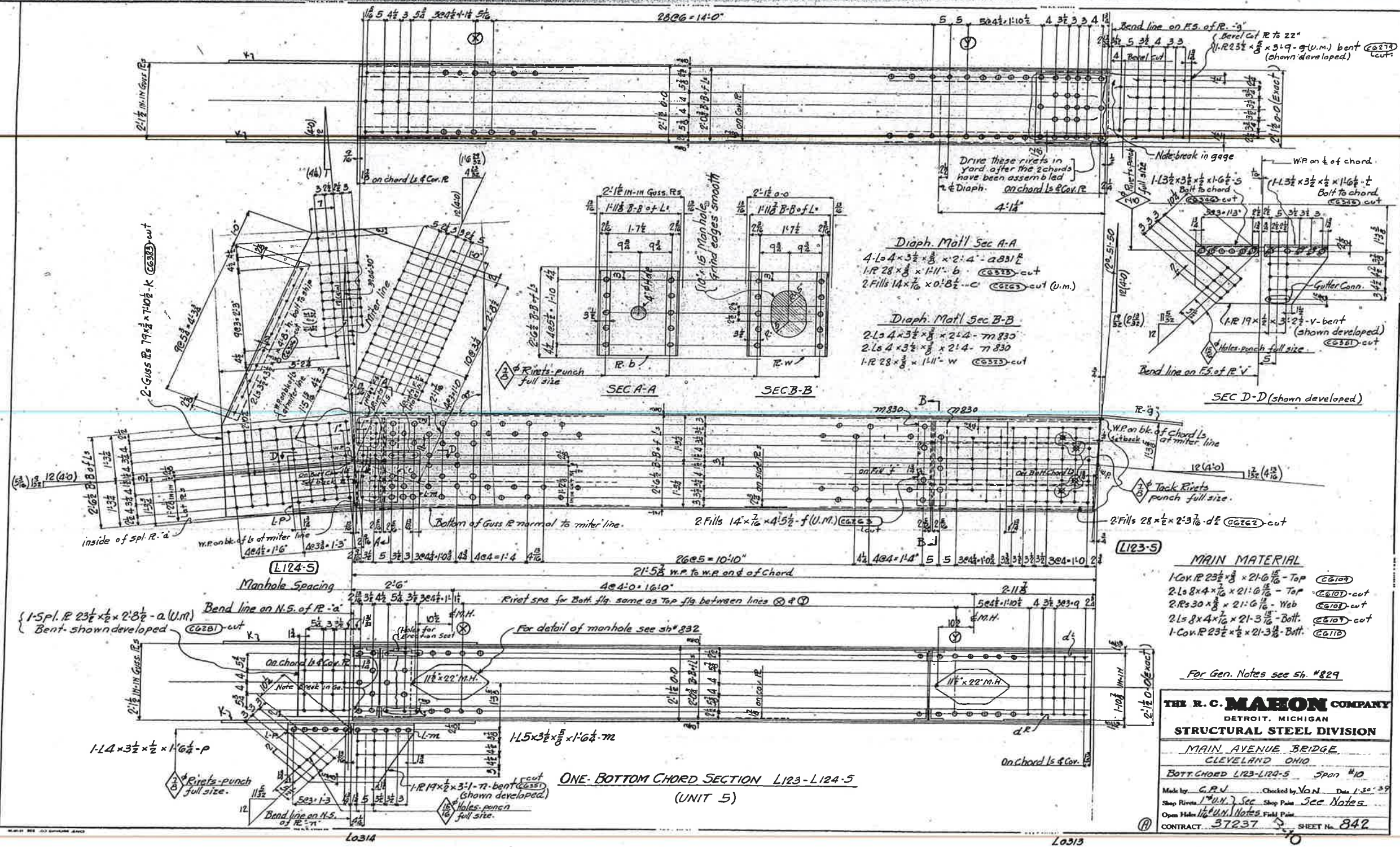
BOTT. CHORD L122-L123-5 Span #10

Made by: C.R.V. Checked by: E.T. Date: 1-30-39  
Shop Rivets: 1" U.N. See Shop Print See Notes  
Open Holes: 1 1/2" U.N. Notes Field Print

CONTRACT 37237 SHEET No. 841

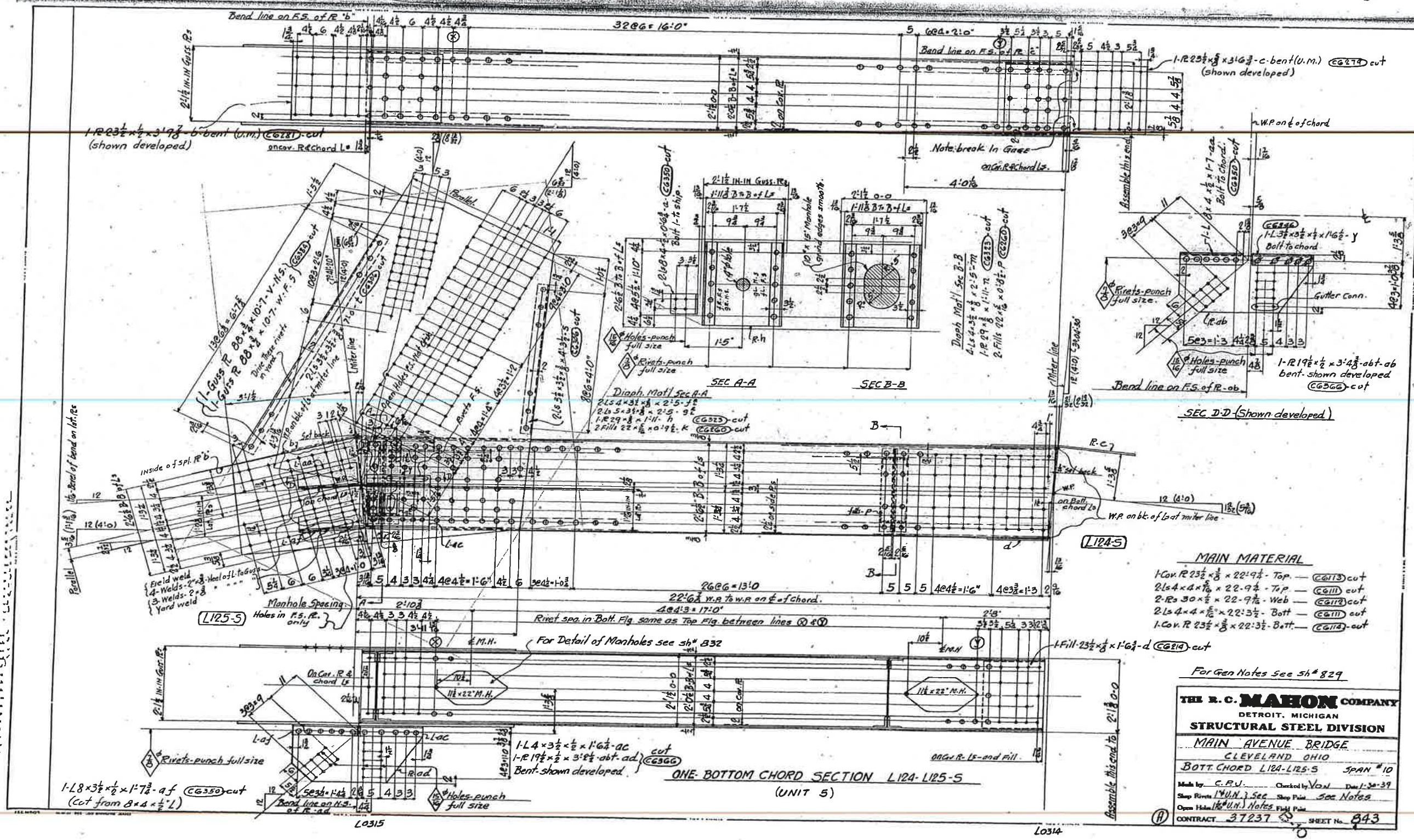
L123 S





L124 S

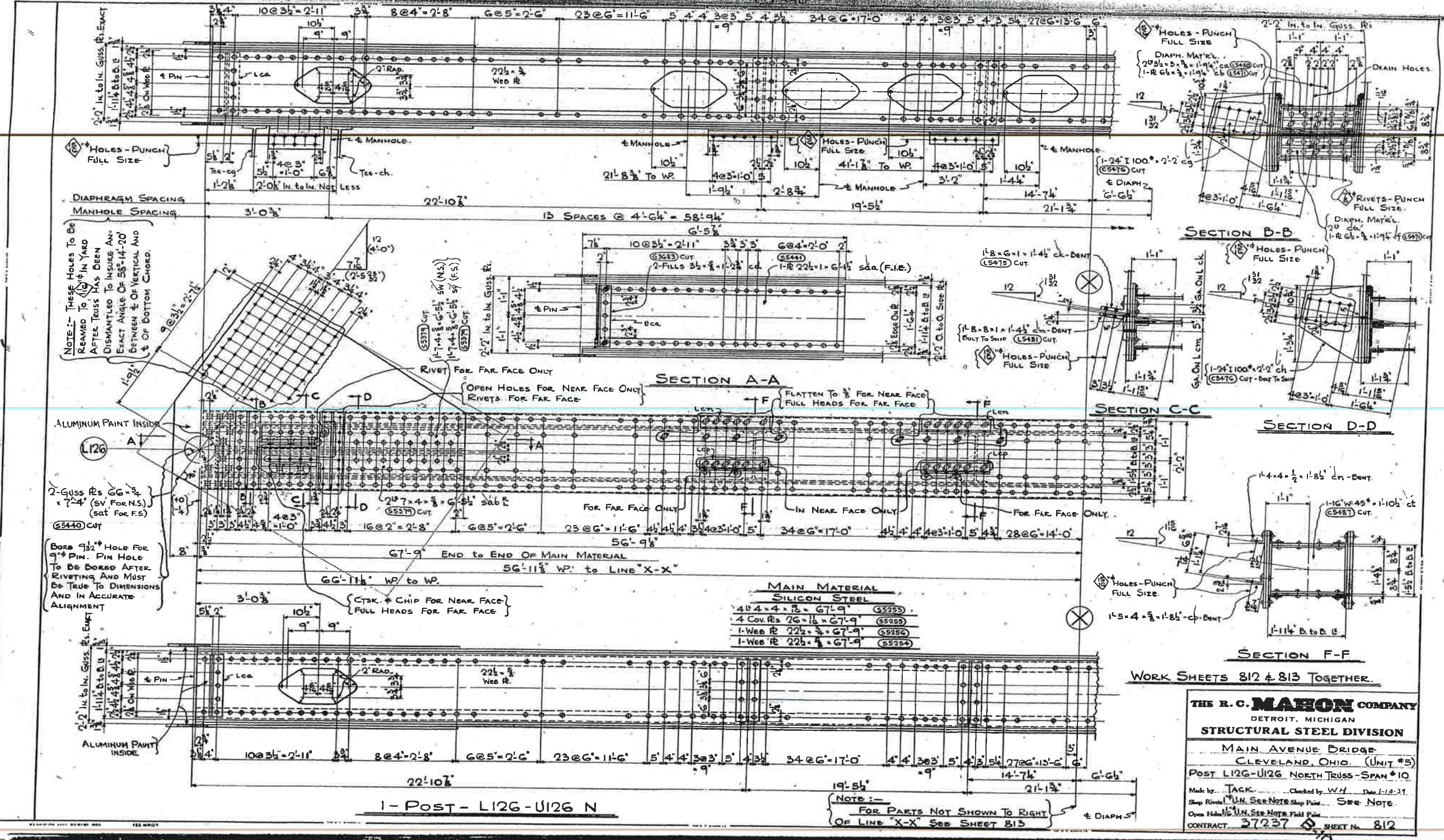




L125 S



LO 281



NOTE: THESE HOLES TO BE REAMED TO 1/2" IN YARD AFTER TRUSS HAS BEEN DISMANTLED TO INSURE AN EXACT ANGLE OF 58°-14'-20" BETWEEN E OF VERTICAL AND E OF BOTTOM CHORD.

BORE 9/32" HOLE FOR 9/16" PIN. PIN HOLE TO BE BORED AFTER RIVETING AND MUST BE TRUE TO DIMENSIONS AND IN ACCURATE ALIGNMENT

NOTE: FOR PARTS NOT SHOWN TO RIGHT OF LINE "X-X" SEE SHEET 813

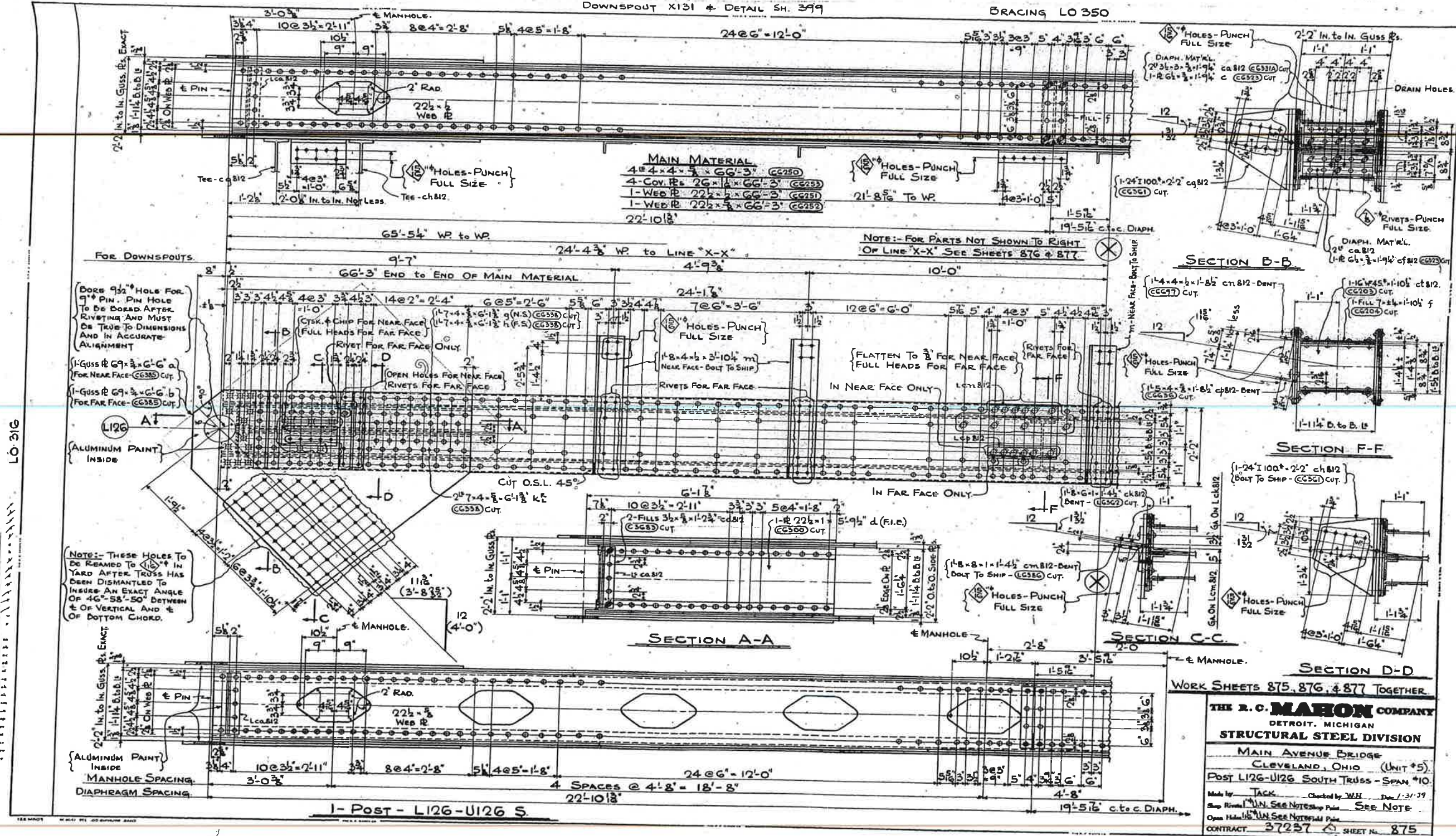
L126 N



5  
116

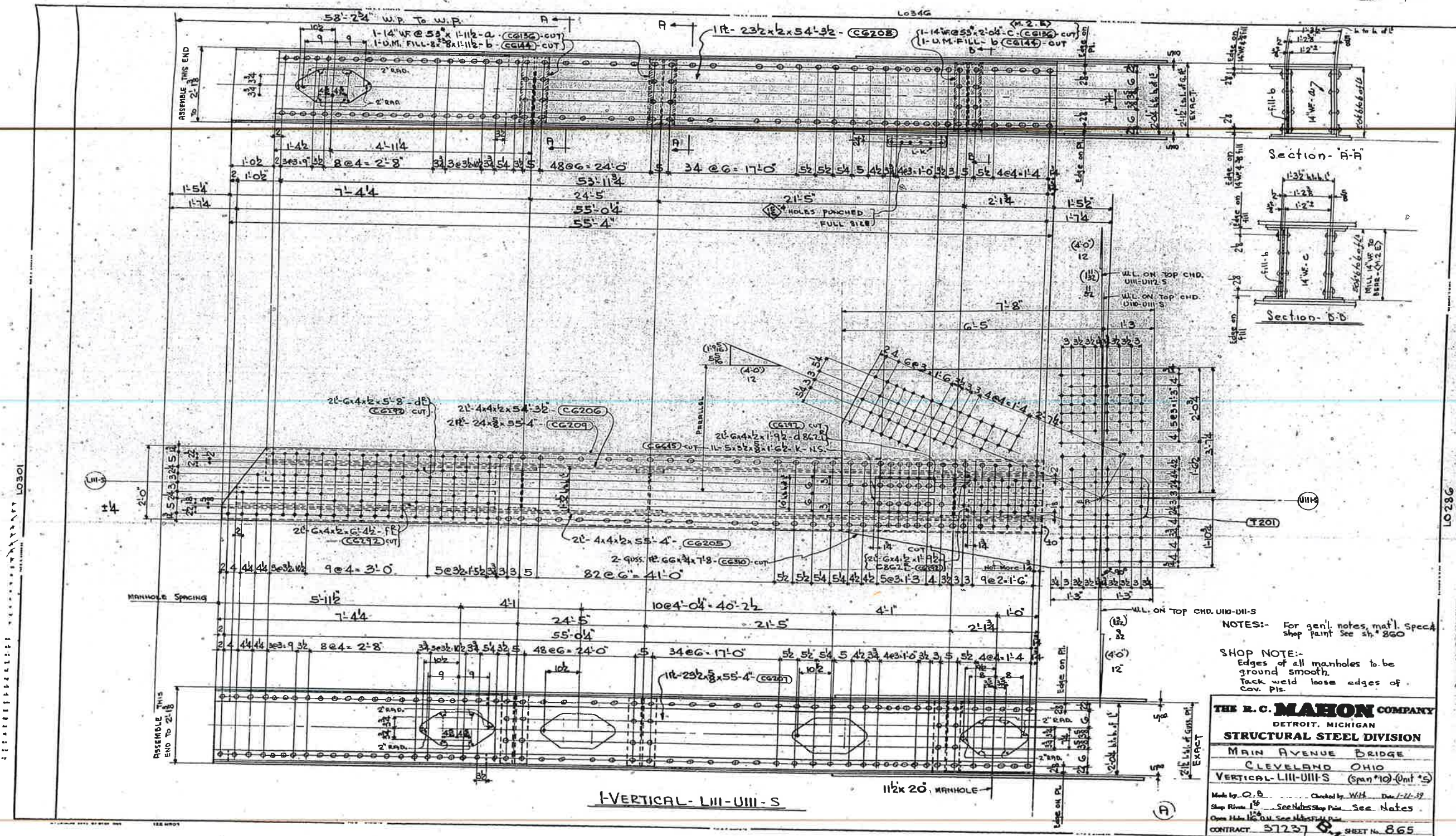
DOWNSPOUT X131 & DETAIL SH. 399

BRACING L0350



L126 S





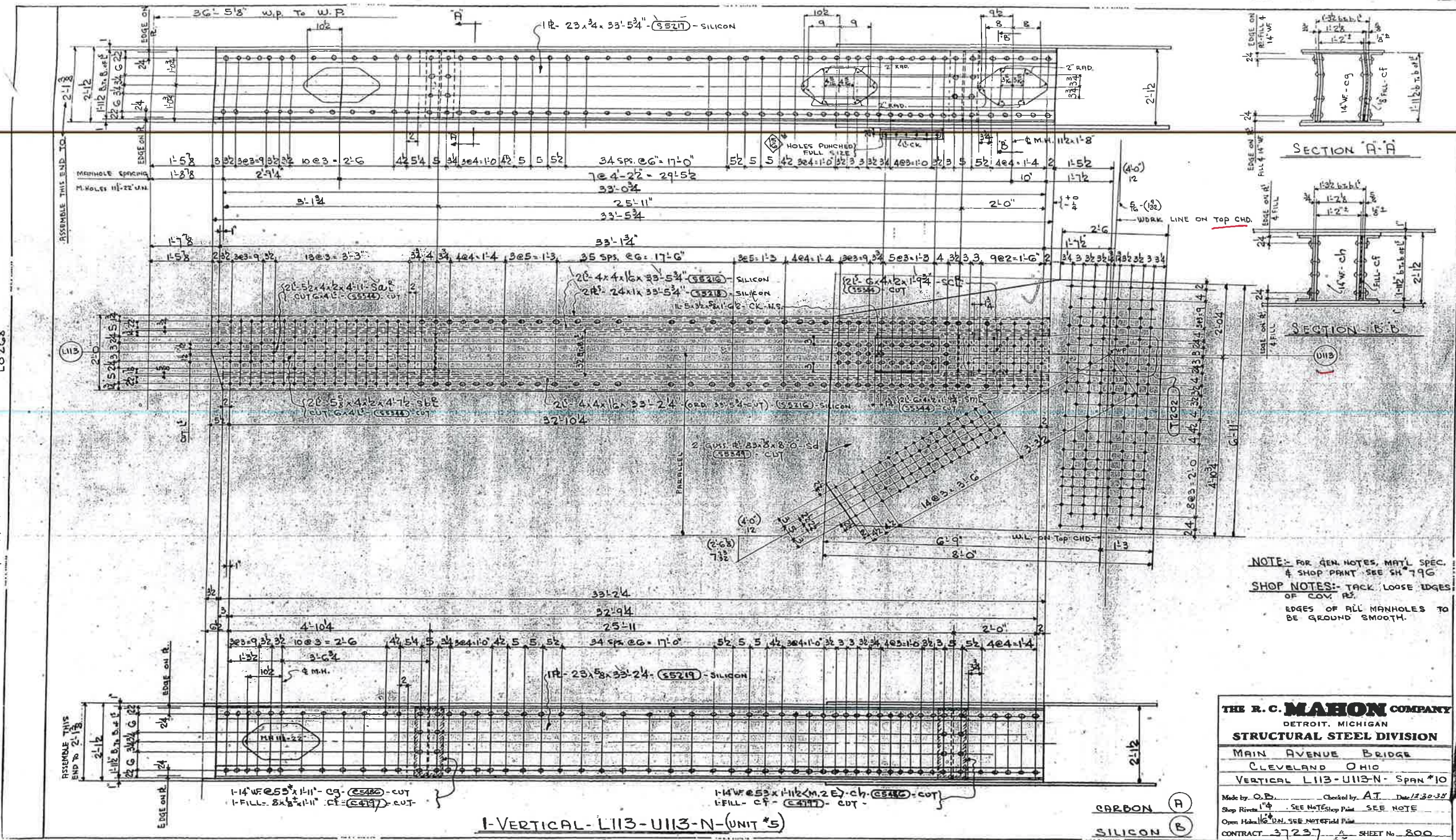
NOTES:- For gen'l. notes, mat'l. spec. shop paint see sh. 860

SHOP NOTE:- Edges of all manholes to be ground smooth. Tack weld loose edges of cov. p's.

**THE R. C. MAHON COMPANY**  
 DETROIT, MICHIGAN  
**STRUCTURAL STEEL DIVISION**  
 MAIN AVENUE BRIDGE  
 CLEVELAND OHIO  
 VERTICAL-LIII-UIII-S (Span 10) (Unit 5)  
 Made by C. B. Checked by W. H. Date 1-12-39  
 Shop Rivets 1/8" See Notes Shop Paint See Notes  
 Open Holes 1/2" Dia. See Notes Shop Paint  
 CONTRACT 37237 SHEET No. 865

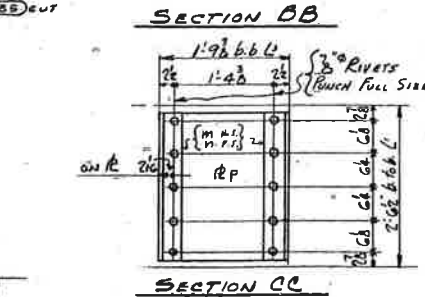
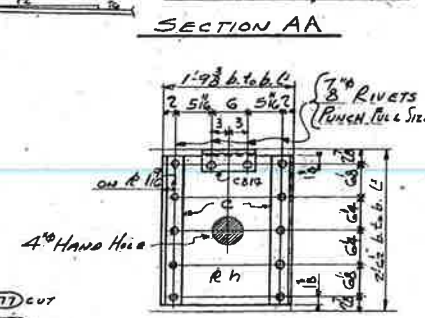
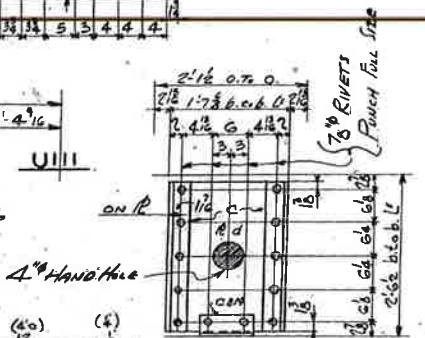
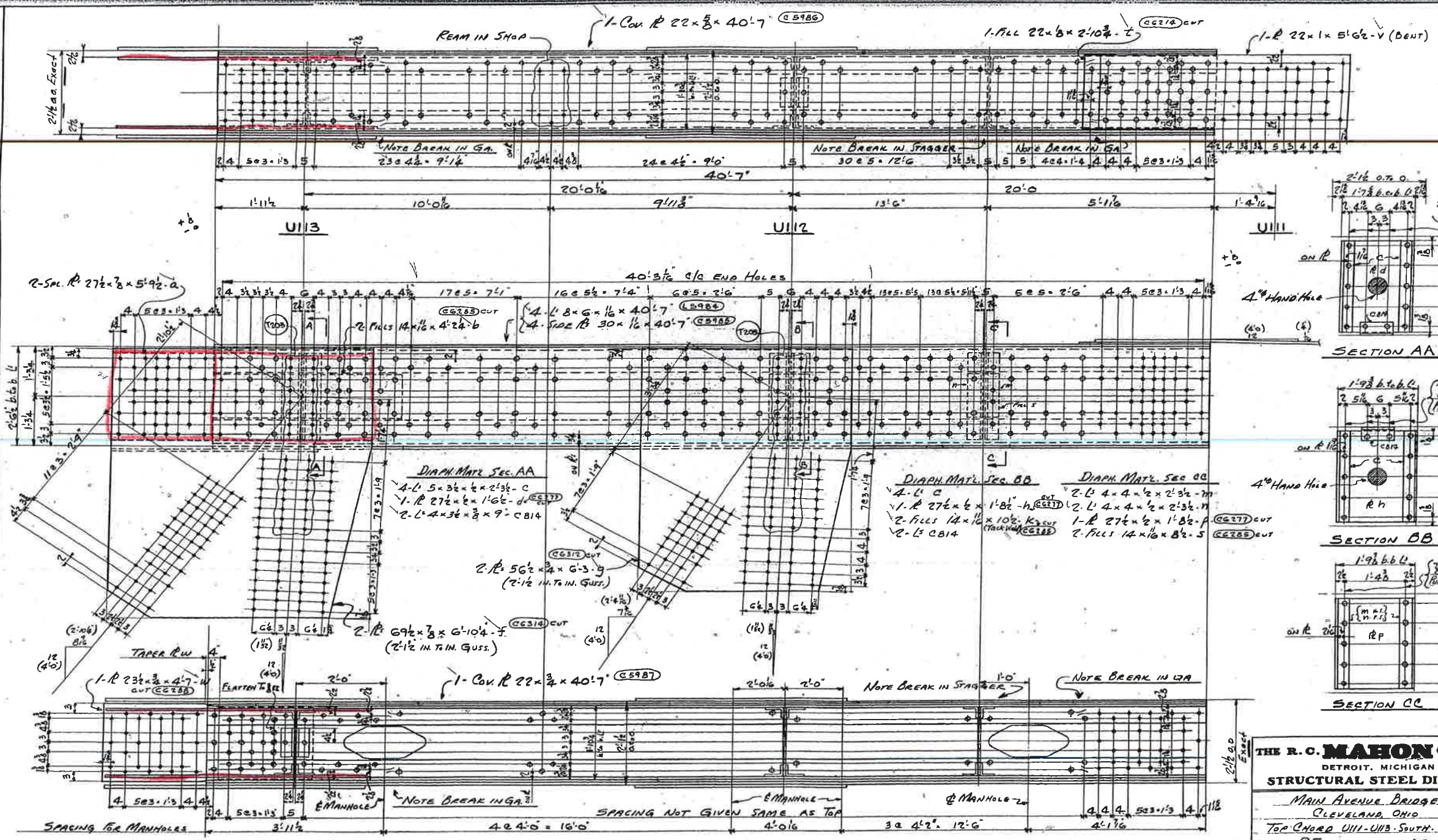
U111 S





U113 N





U113 S  
U112 S

1-TOP CHORD SECTION- U111-U113-S  
UNIT # 5

NOTES-  
FOR GENERAL NOTES SEE SHEET # B14  
FOR DETAIL OF MANHOLES SEE SHEET # B14

**THE R. C. MAHON COMPANY**  
DETROIT, MICHIGAN  
**STRUCTURAL STEEL DIVISION**  
MAIN AVENUE BRIDGE  
CLEVELAND, OHIO  
TOP CHORD U111-U113 SOUTH SPAN '10  
Made by: P.F. Checked by: A.T. Date: 1-20-39  
Shop Rivets: 1/4" UN SEE SHOP PAINS SEE NOTES  
Open Holes: 1/8" UN NOTES Field Pains  
CONTRACT: 37237 SHEET N. 815

L0287

L0286

L0286

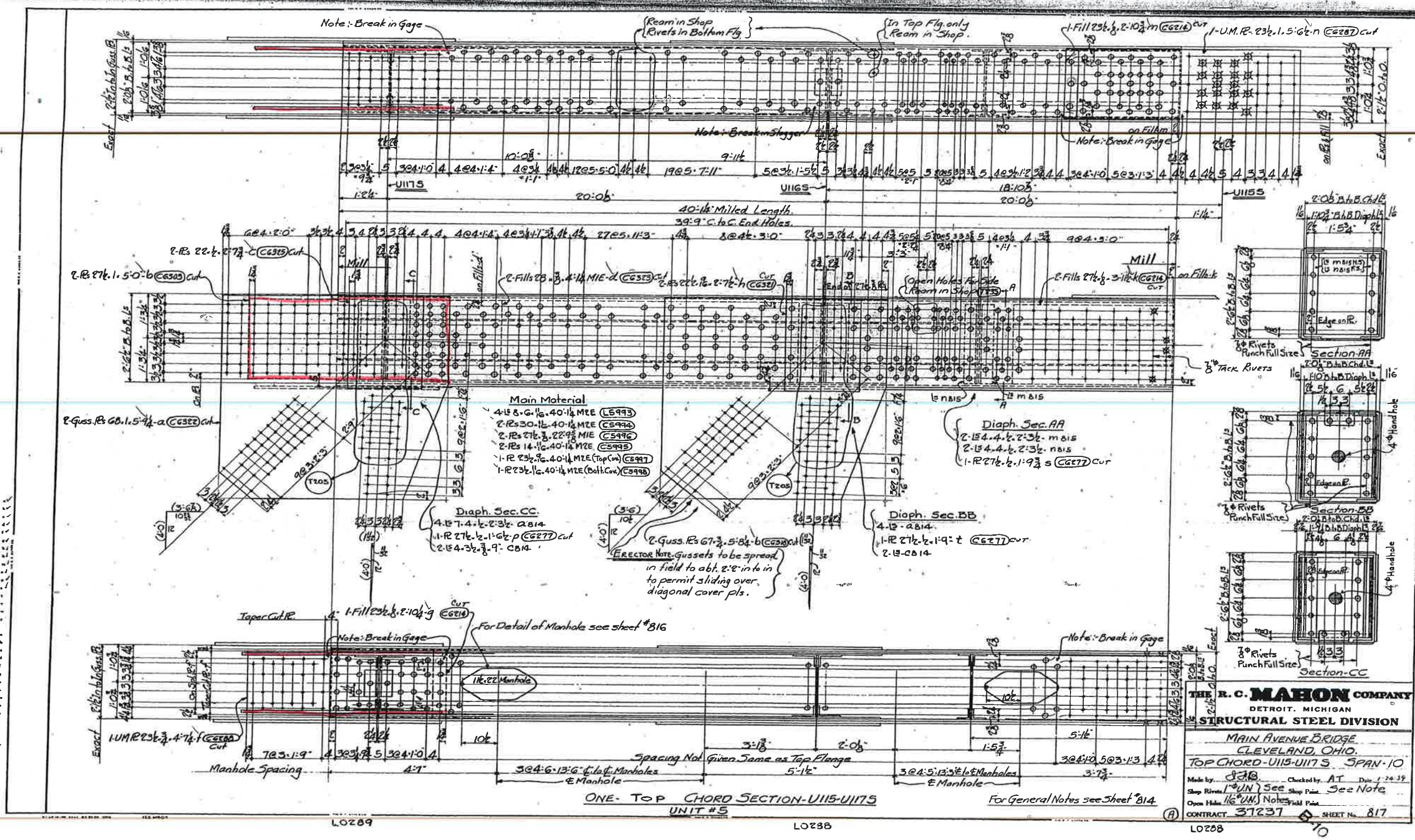




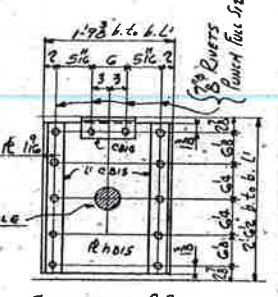
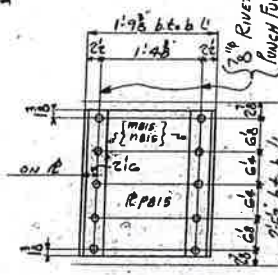
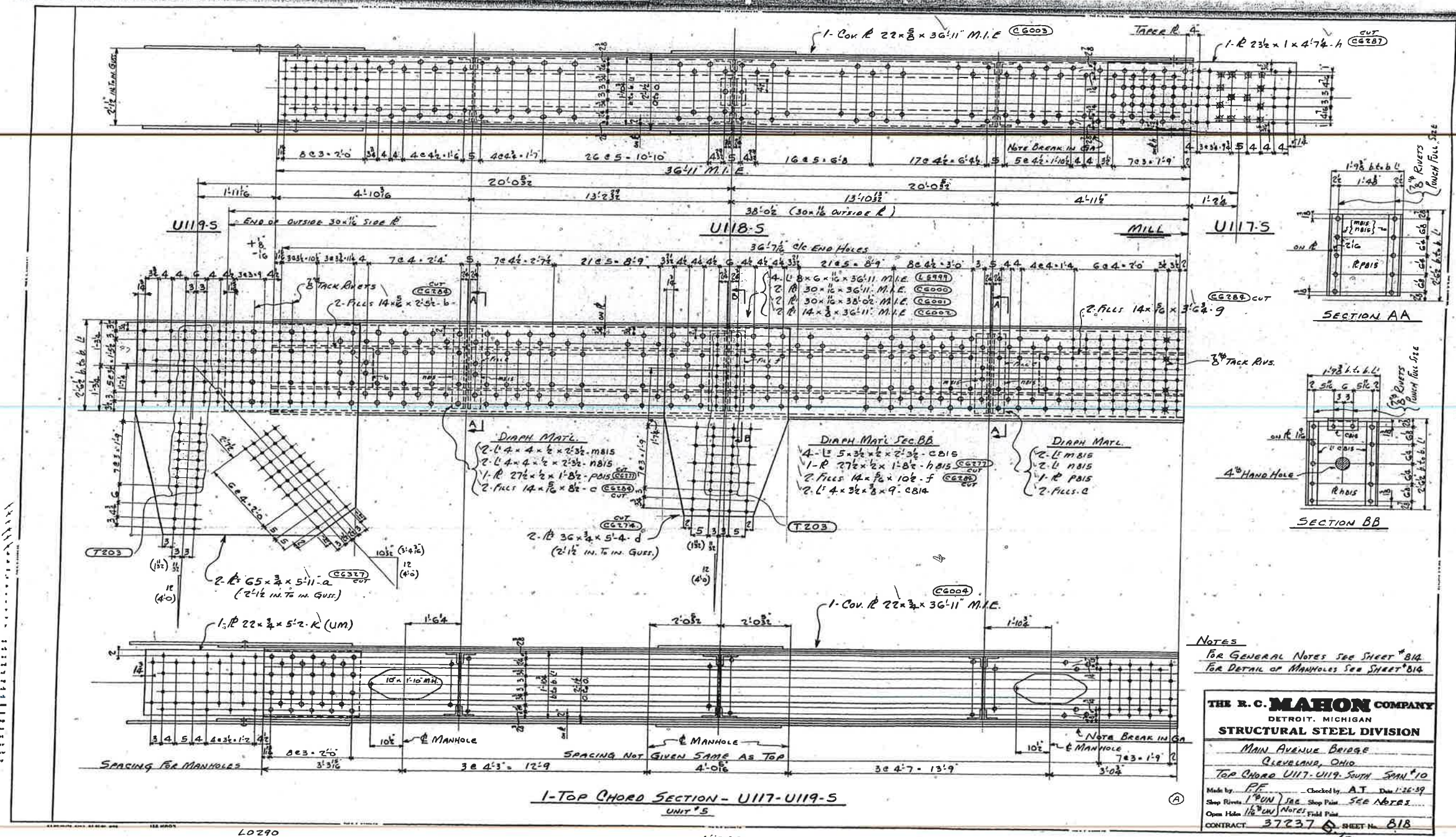












U119 S  
U118 S

NOTES  
FOR GENERAL NOTES SEE SHEET #814  
FOR DETAIL OF MANHOLES SEE SHEET #814

**THE R. C. MAHON COMPANY**  
DETROIT, MICHIGAN  
**STRUCTURAL STEEL DIVISION**

MAIN AVENUE BRIDGE  
CLEVELAND, OHIO  
TOP CHORD U117-U119 SOUTH SPAN #10

Made by: *FE* Checked by: *AT* Date: 1-26-39  
Shop Rivets: 1/2\"/>

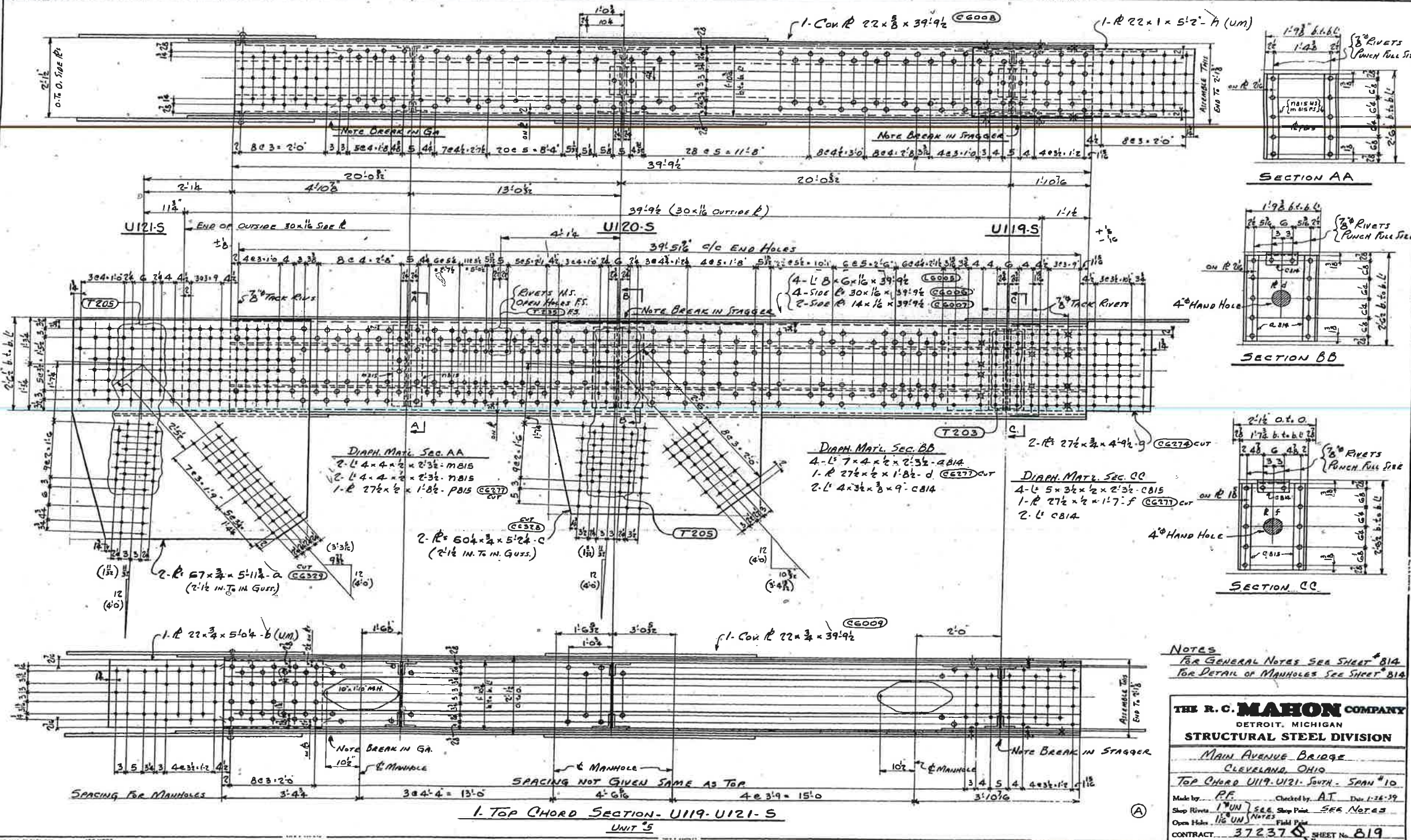
CONTRACT 37237 SHEET No. 818

L0290

L0289

L0289





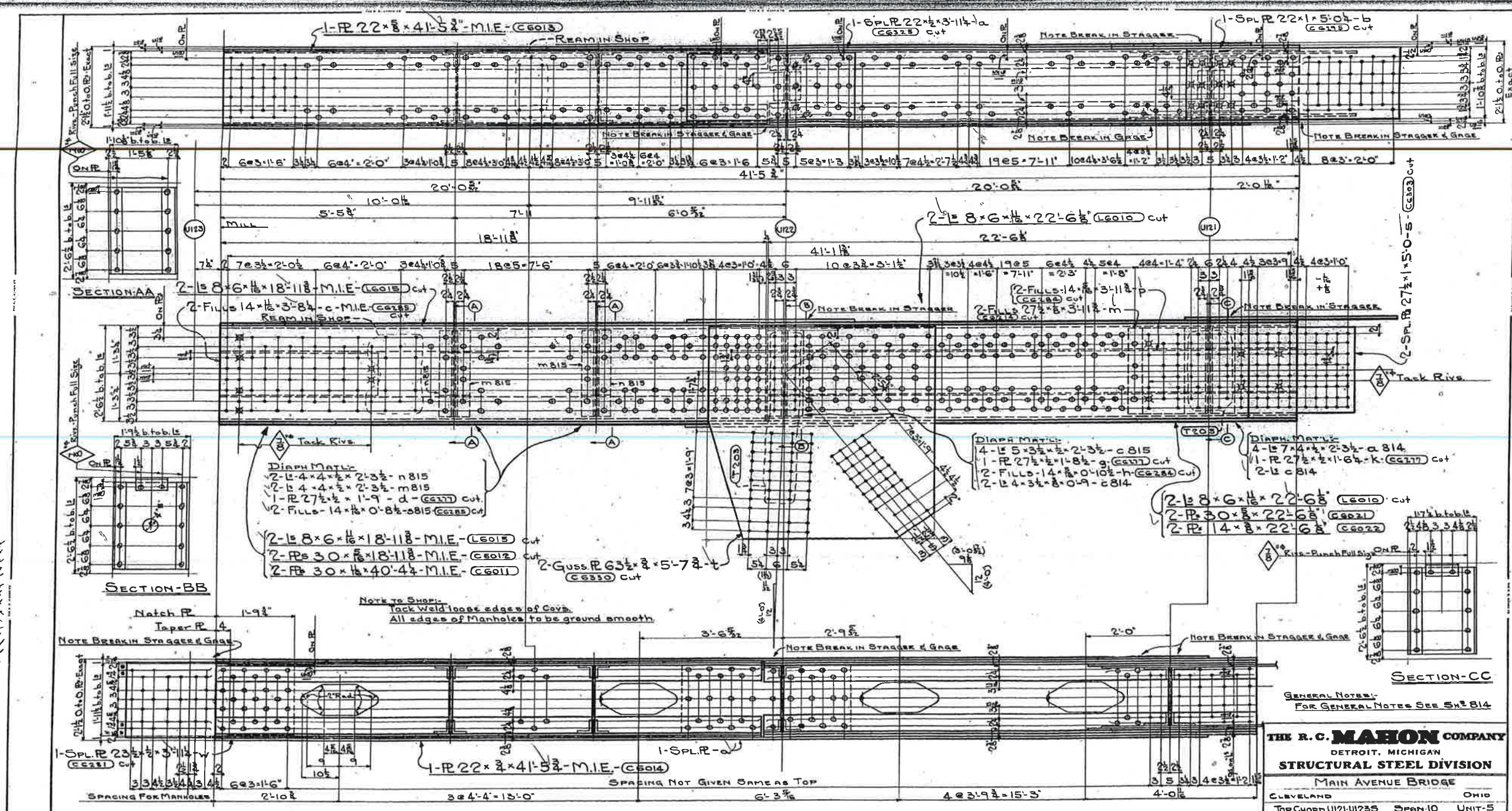
U121 S  
 U120 S  
~~U119 S~~

LO 291

LO 290

LO 290





U122 S

ONE-TOP CHORD SECTION - U121 - U123-S (UNIT-5)

GENERAL NOTES:  
FOR GENERAL NOTES SEE SHEET 814

**THE R. C. MAHON COMPANY**  
DETROIT, MICHIGAN  
**STRUCTURAL STEEL DIVISION**

MAIN AVENUE BRIDGE  
CLEVELAND OHIO  
TOP CHORD U121-U123 SPAN-10 UNIT-5

Made by... F.E.M. Checked by... AT Date 1-26-39  
Shop Rivets (UN) SEE Shop Print SEE NOTES.  
Open Holes (UN) NOTES Field Print  
CONTRACT 37237 SHEET NO. 820

L0291

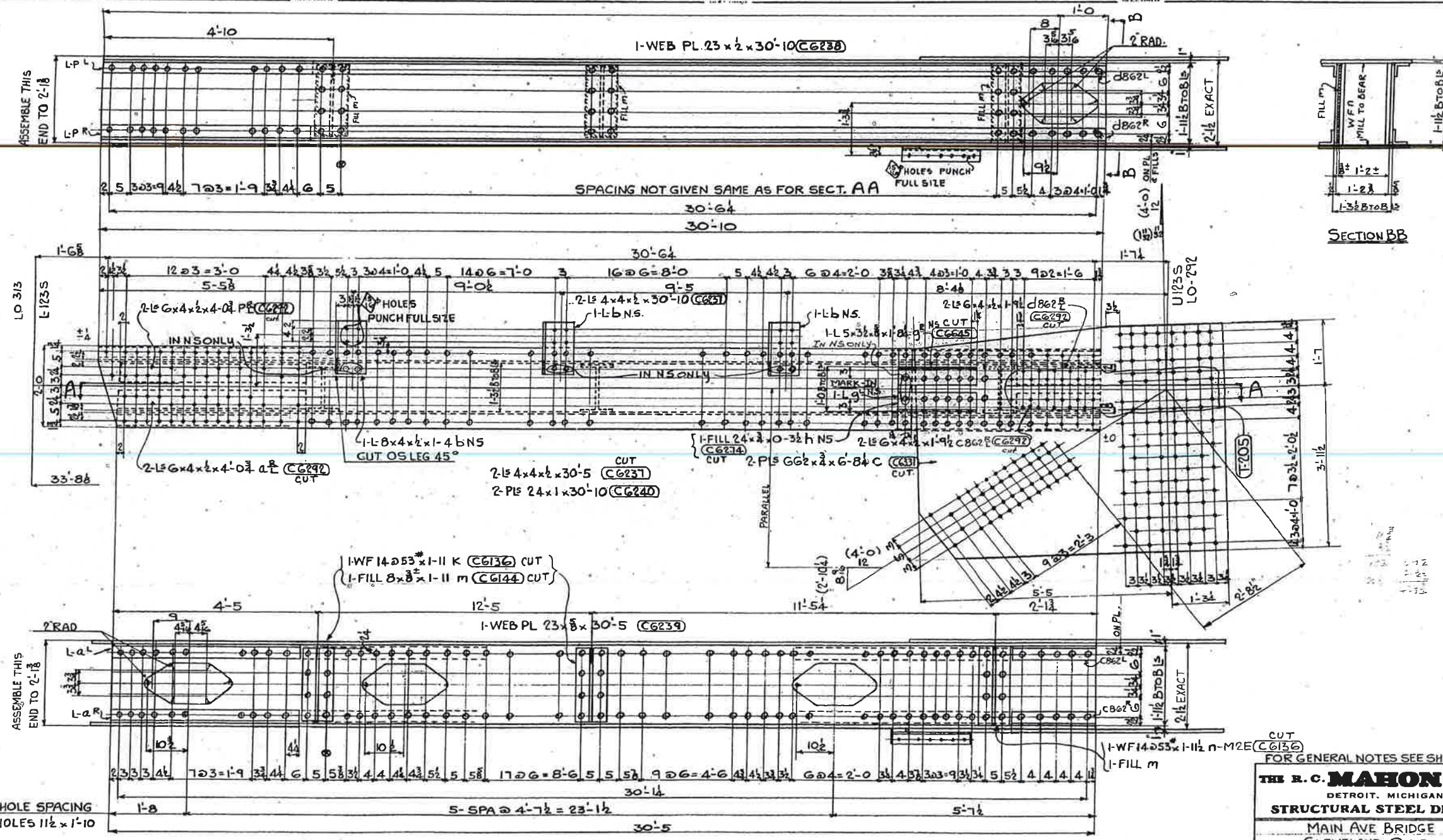
10







LO359



SECTION AA  
1-Post L123-UI235

SHOP NOTE  
TACK WELD LOOSE EDGES  
OF COVER PLATES  
EDGES OF MAN HOLES TO  
BE GROUND SMOOTH

UI23 S

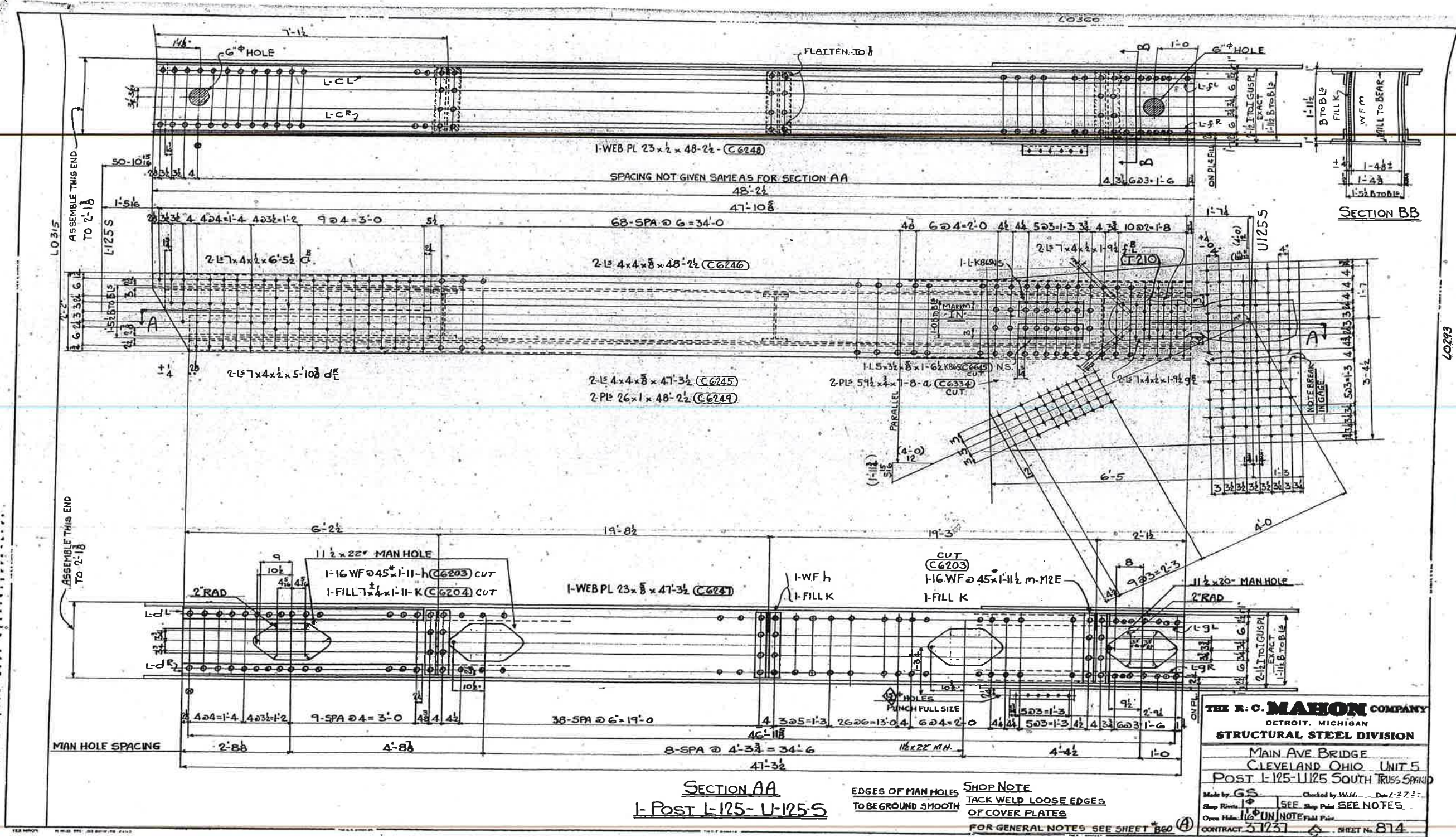






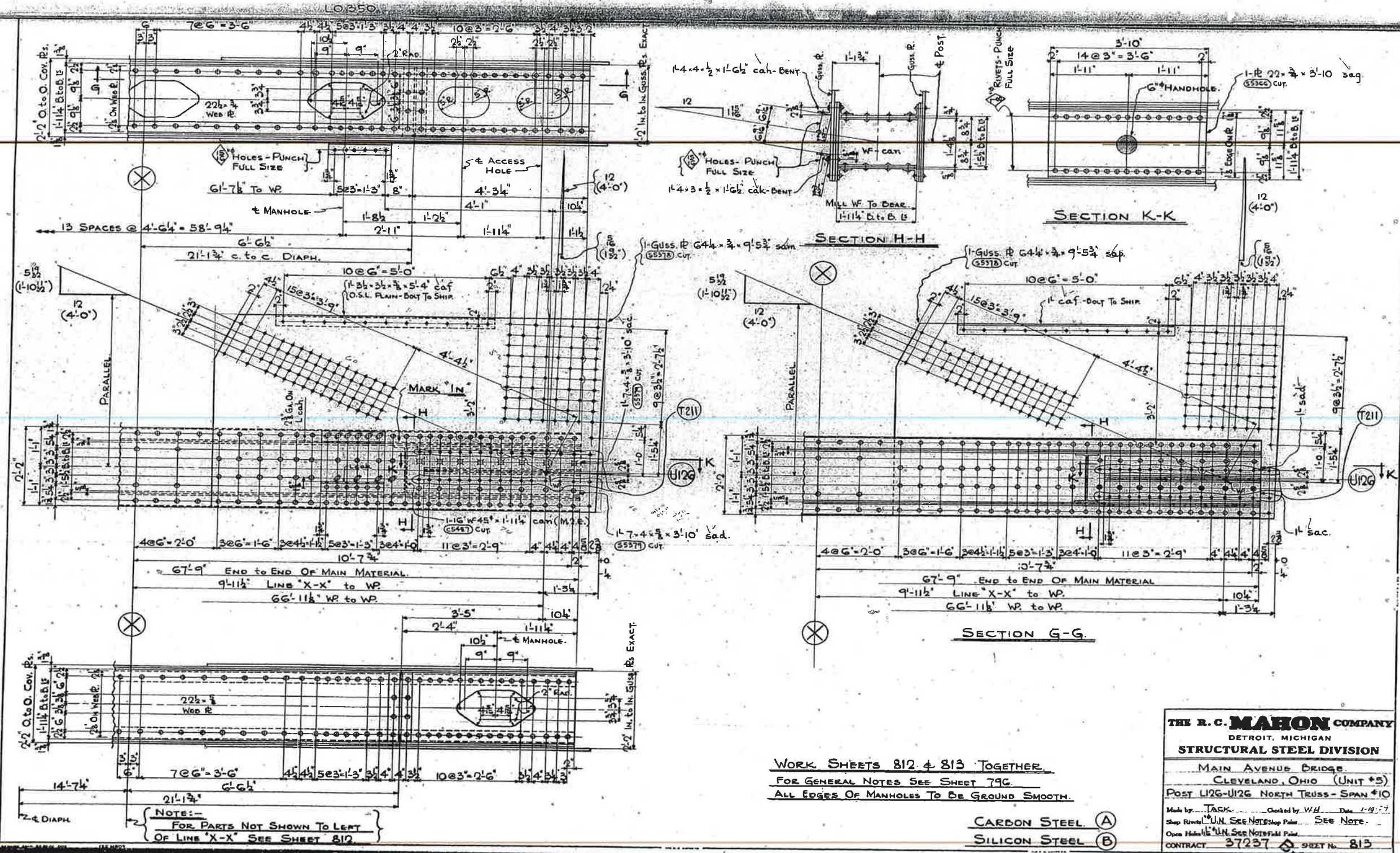






U125 S





LO 258.

U126 N

WORK SHEETS 812 & 813 TOGETHER.  
FOR GENERAL NOTES SEE SHEET 79C.  
ALL EDGES OF MANHOLES TO BE GROUND SMOOTH.

CARBON STEEL (A)  
SILICON STEEL (B)

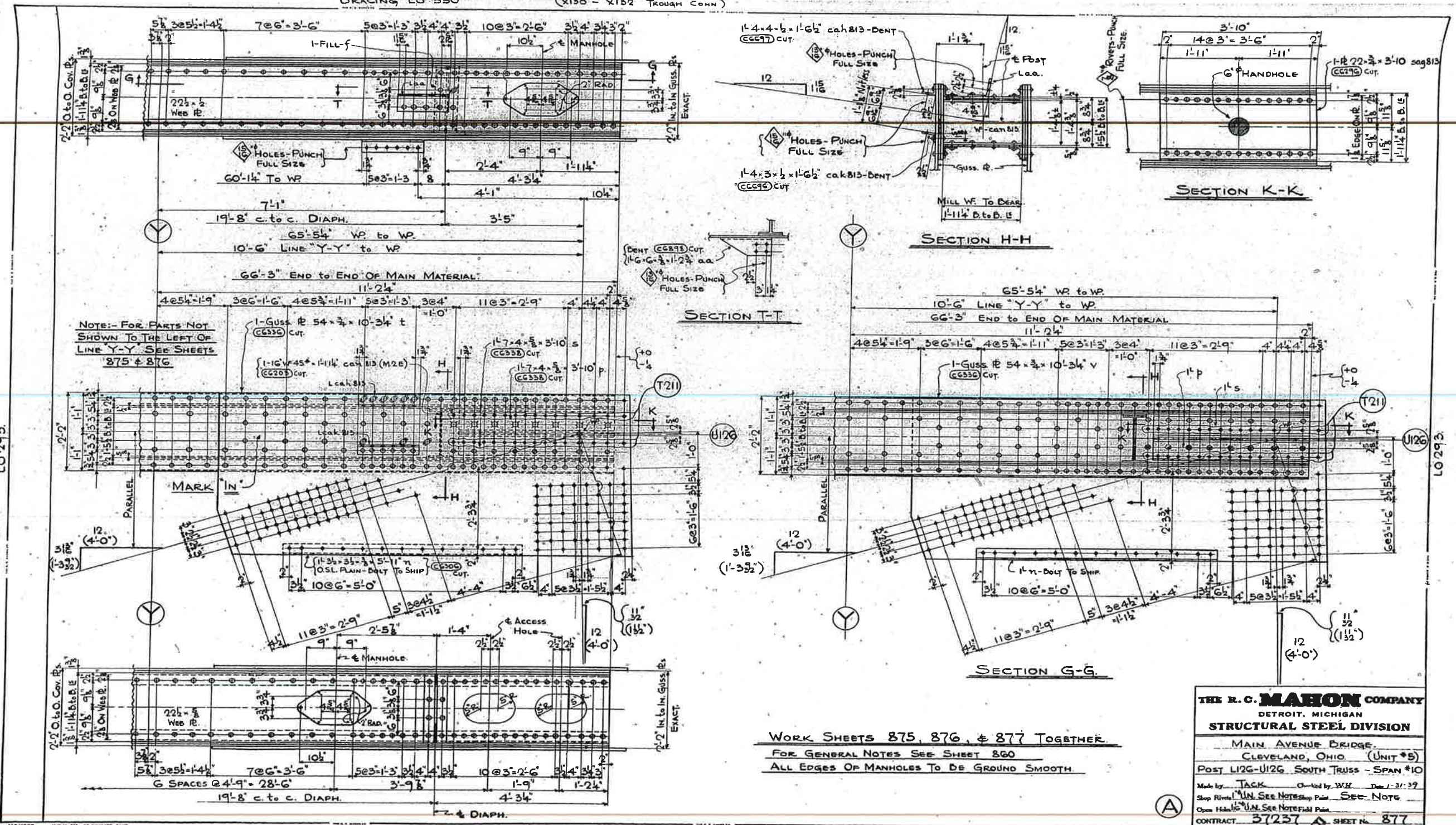
**THE R. C. MAHON COMPANY**  
DETROIT, MICHIGAN  
**STRUCTURAL STEEL DIVISION**

MAIN AVENUE BRIDGE  
CLEVELAND, OHIO (UNIT #5)  
POST U126-U126 NORTH TRUSS - SPAN #10

Made by: TASK. Checked by: W.H. Date: 1-19-27  
Shop Rivets: U.N. SEE NOTE Shop Paint: SEE NOTE  
Open Holes: U.N. SEE NOTE Field Paint: SEE NOTE  
CONTRACT: 37237 SHEET No. 813



BRACING LO 350 (X130 - X132 TROUGH CORR)



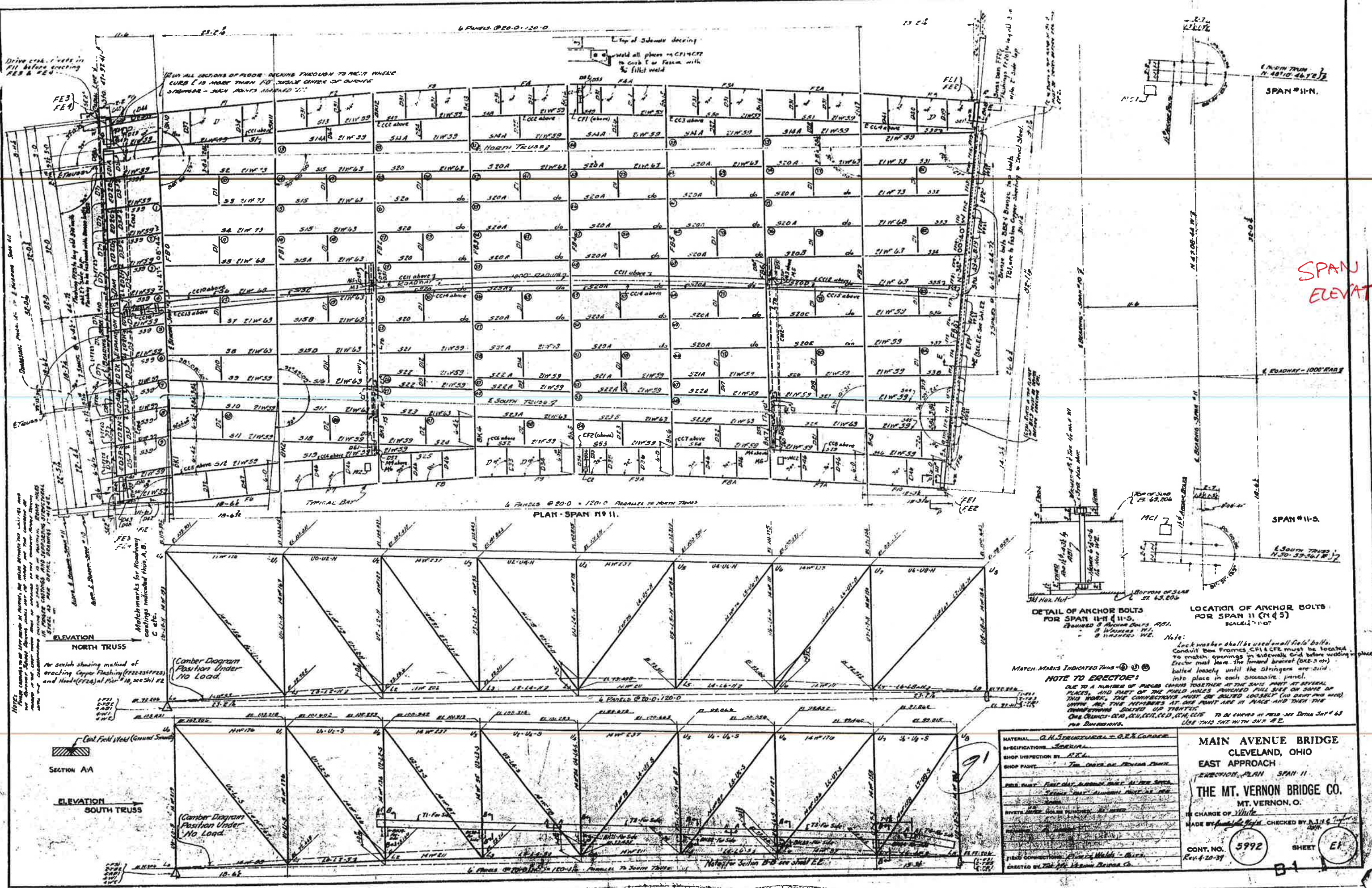
U126 S

WORK SHEETS 875, 876, & 877 TOGETHER.  
FOR GENERAL NOTES SEE SHEET 800  
ALL EDGES OF MANHOLES TO BE GROUNDED SMOOTH.

**THE R. C. MAHON COMPANY**  
DETROIT, MICHIGAN  
**STRUCTURAL STEEL DIVISION**  
MAIN AVENUE BRIDGE,  
CLEVELAND, OHIO (UNIT #5)  
POST U126-U126 SOUTH TRUSS - SPAN #10  
Made by JACK Drawn by WH Date 1-31-39  
Shop Rivets UN SEE NOTES Shop Paint SEE NOTE  
Open Holes UN SEE NOTES Field Paint  
CONTRACT 37237 SHEET No. 877

(A)





SPAN #11  
ELEVATION

MATERIAL	A.H. STRUCTURAL - 60% COPPER
SPECIFICATIONS	SEE DRAWING
SHOP INSPECTION BY	R.E.L.
SHOP PAINT	THE COLOR OF ORIGINAL PAINT TO BE USED
FIELD PAINT	FIRST DAY RAINBOW PAINT IN FIVE COATS
SECOND DAY RAINBOW PAINT IN FIVE COATS	
THIRD DAY RAINBOW PAINT IN FIVE COATS	
REVISIONS	NO REVISIONS
FIELD CONNECTIONS	FIELD CONNECTIONS TO BE MADE BY THE CONTRACTOR
ERECTOR	THE MT. VERNON BRIDGE CO.

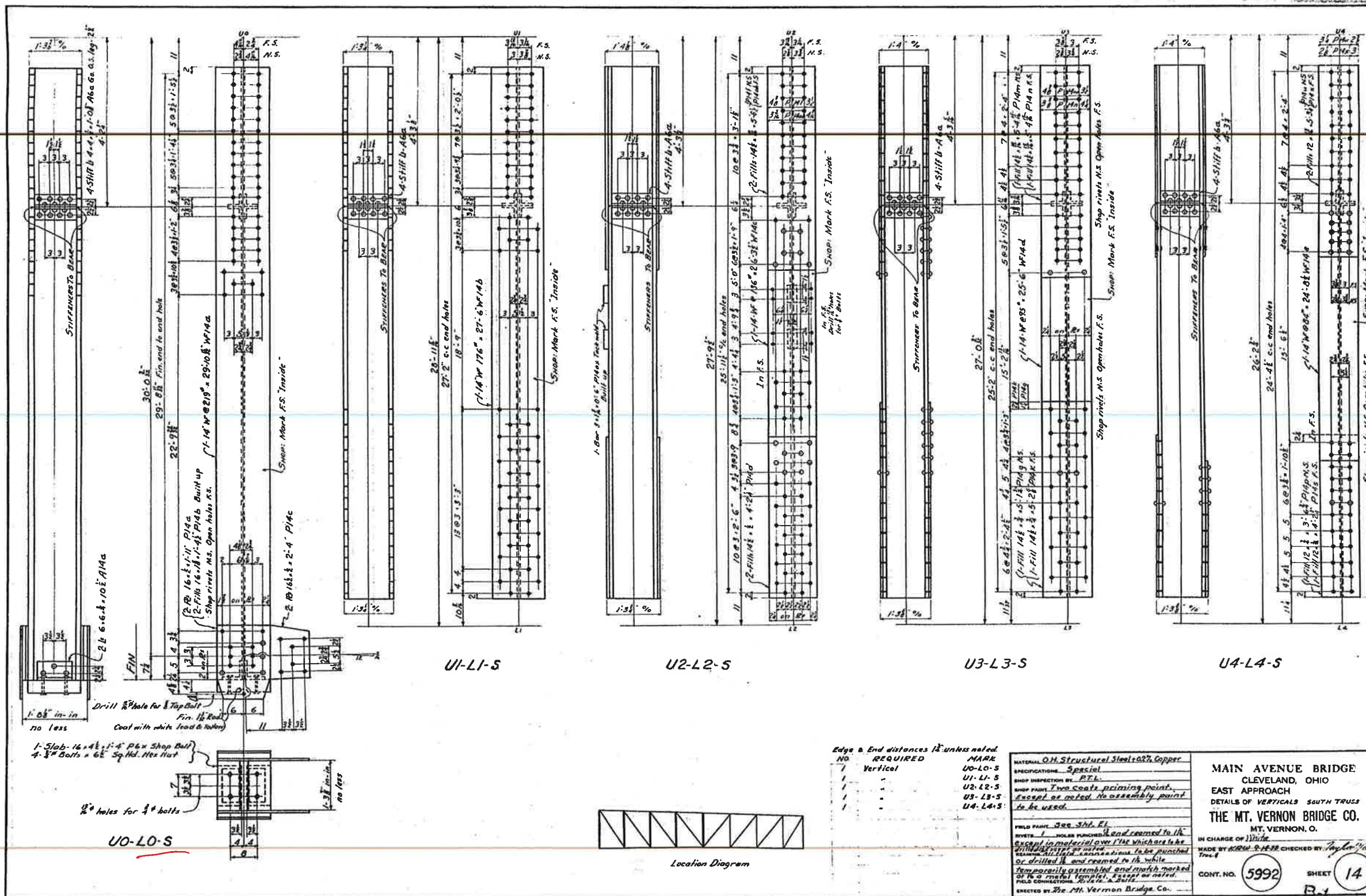
**MAIN AVENUE BRIDGE**  
CLEVELAND, OHIO  
EAST APPROACH  
ERECTOR, PLAN SPAN #11  
**THE MT. VERNON BRIDGE CO.**  
MT. VERNON, O.  
IN CHARGE OF *White*  
MADE BY *White* CHECKED BY *A.H. White*  
CONT. NO. **5992** SHEET **E1**  
REV. 4-20-39







R- a. b. c. d. e. f. g. h. m. n. p. s. u. x. z. ab. ac.  
 vs. a. b. c. d. e.  
 b. a.



LO  
SOUTH

NO.	REQUIRED	MARK
1	Vertical	U0-L0-S
1	-	U1-L1-S
1	-	U2-L2-S
1	-	U3-L3-S
1	-	U4-L4-S

MATERIAL: O.H. Structural Steel 100% Copper  
 SPECIFICATION: Special  
 SHOP INSPECTION BY: P.T.L.  
 SHOP PAINT: Two coats priming paint, except as noted. No assembly paint to be used.  
 FIELD PAINT: See Shop E.I.  
 RIVETS: 1/2" HOLE PUNCHES and counters to fit except in material over 1/2" which shall be 3/4" HOLE PUNCHES and counters. To be punched or drilled in and counters to fit while in position.  
 TO BE PORTABLY ASSEMBLED and match marked up to a rivet template, except as noted.  
 FIELD CONNECTION: As shown on drawings.  
 CHECKED BY: The Mt. Vernon Bridge Co.

MAIN AVENUE BRIDGE  
 CLEVELAND, OHIO  
 EAST APPROACH  
 DETAILS OF VERTICALS SOUTH TRUSS  
 THE MT. VERNON BRIDGE CO.  
 MT. VERNON, O.  
 IN CHARGE OF: J. White  
 MADE BY: K. B. 2-18-33 CHECKED BY: Taylor  
 CONT. NO. 5992 SHEET 14  
 B-4

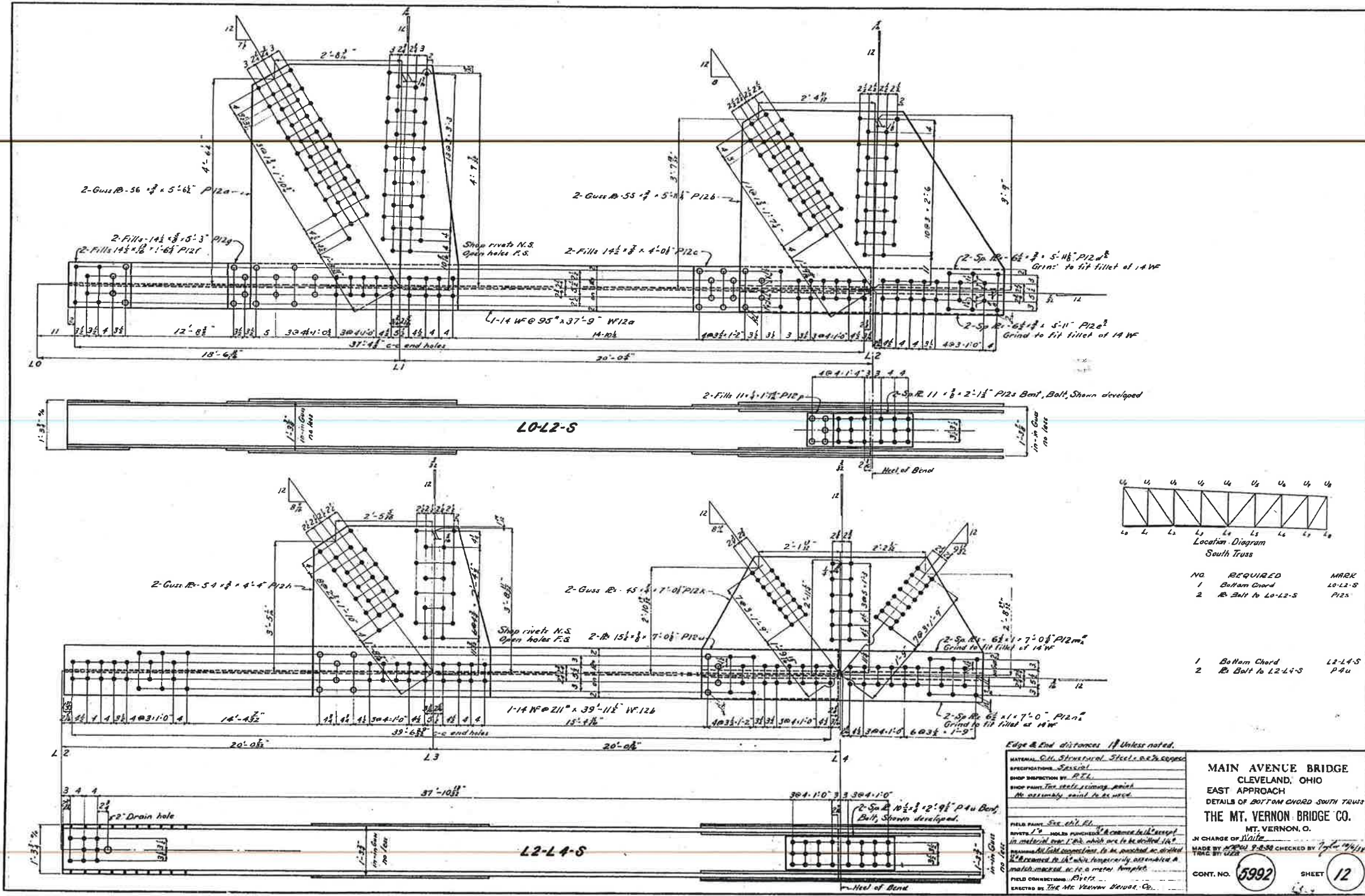
K.B. 44







A-a-b-c-d-e-f-g-h-k-m-n-p-q-s-u  
W-rook



L1 thru L4  
South

**MAIN AVENUE BRIDGE**  
CLEVELAND, OHIO  
EAST APPROACH  
DETAILS OF BOTTOM CHORD SOUTH TRUSS  
THE MT. VERNON BRIDGE CO.  
MT. VERNON, O.  
IN CHARGE OF *Walter*  
MADE BY *W. H. S. 9-8-30* CHECKED BY *W. H. S. 10/1/30*  
CONT. NO. **5992** SHEET **12**  
X.H. 12



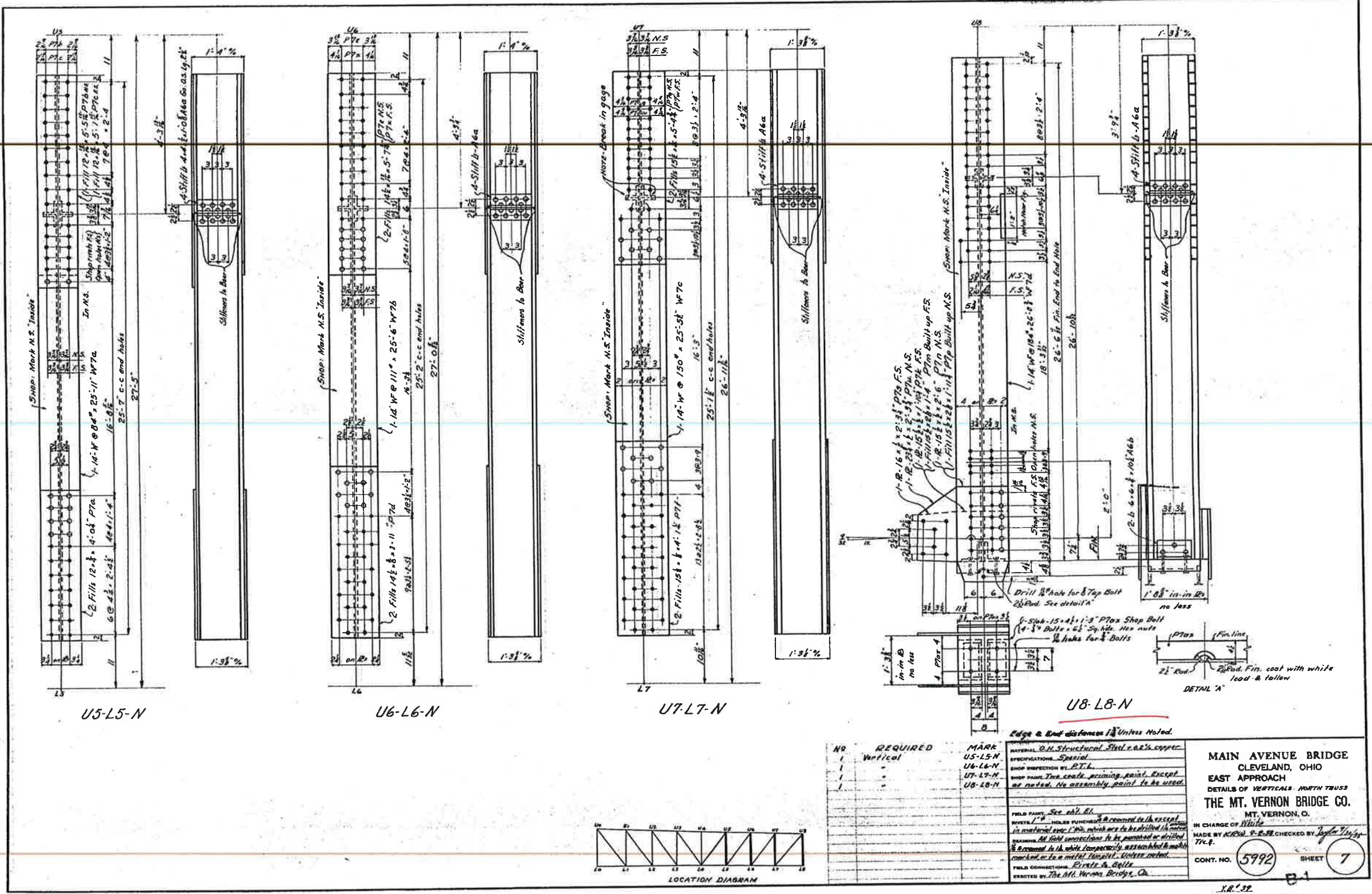








R. a. b. c. d. e. f. g. h. m. n. p. s. u. v. w. x. z  
 NS. a. b. c. d.



L8  
 NORTH

NO.	REQUIRED	MARK	REMARKS
1	Vertical	U5-L5-N	GENERAL B.L. Structural Steel, a.z.'s copper
1	"	U6-L6-N	SPECIFICATIONS - Special
1	"	U7-L7-N	SHOP INSPECTION BY P.T.L.
1	"	U8-L8-N	SHOP PAINT. THE SOURCE PRIMING PAINT, EXCEPT AS NOTED. NO ASSEMBLY PAINT TO BE USED.

Edge & End distances 1/8" Unless Noted.

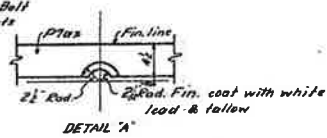
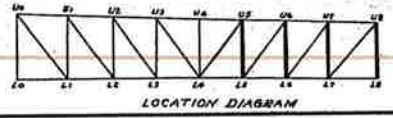
GENERAL B.L. Structural Steel, a.z.'s copper  
 SPECIFICATIONS - Special  
 SHOP INSPECTION BY P.T.L.  
 SHOP PAINT. THE SOURCE PRIMING PAINT, EXCEPT AS NOTED. NO ASSEMBLY PAINT TO BE USED.

FIELD PAINT. See 801.81.  
 Holes punched & reamed to fit except in material over 1/2" thick which are to be drilled in place.  
 All field connections to be assembled & drilled & reamed in the shop, except as noted to be assembled in the field.  
 FIELD CONNECTIONS - Rivets & Bolts  
 DESIGNED BY THE MT. VERNON BRIDGE CO.

MADE BY K.P.W. & C. CO. CHECKED BY J. J. W. 7/11/32  
 T.V.C.

CONT. NO. 5992 SHEET 7

K.R.'32





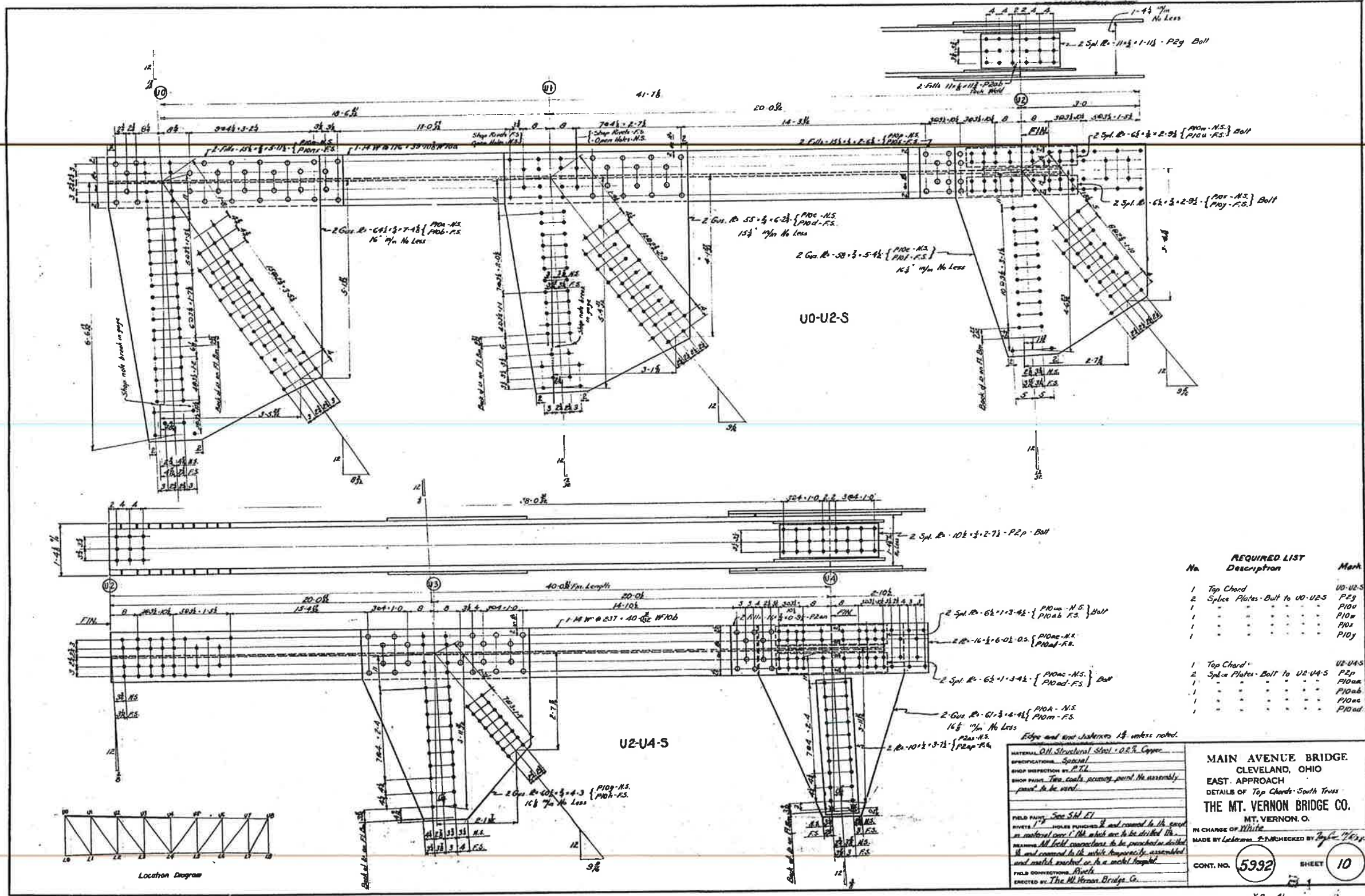








A-16 Scales: 1/4" = 1'-0" for main structure, 1/8" = 1'-0" for details.  
 W-94



No.	REQUIRED LIST Description	Mark
1	Top Chord	U0-U2-S
2	Splice Plates - Bolt to U0-U2-S	P2g
1	"	P10u
1	"	P10w
1	"	P10x
1	"	P10y
1	Top Chord	U2-U4-S
2	Splice Plates - Bolt to U2-U4-S	P2p
1	"	P10am
1	"	P10ab
1	"	P10ac
1	"	P10ad

Edge and end chabkers 1/8" unless noted.  
 MATERIAL: All Structural Steel - A.R.S. Coppe.  
 SPECIFICATIONS: Special.  
 SHOP INSPECTION BY: P.T.L.  
 SHOP PAINT: Two coats, covering paint, the assembly paint to be used.  
 FIELD PAINT: See Sht. 11.  
 RIVETS: 1" HOLES PUNCHES & and covered to the spot as material over 1" thick are to be drilled the same. All bolt connections to be punched as drilled and covered to the same temporary assembled and match checked or to a match template.  
 FIELD CONNECTIONS: Rivet.  
 DESIGNED BY: The Mt. Vernon Bridge Co.

**MAIN AVENUE BRIDGE**  
 CLEVELAND, OHIO  
 EAST APPROACH  
 DETAILS OF Top Chords - South Truss  
**THE MT. VERNON BRIDGE CO.**  
 MT. VERNON, O.  
 IN CHARGE OF: White  
 MADE BY: Lohmeyer, P.E. CHECKED BY: [Signature]

CONT. NO. **5392** SHEET **10**  
 YB - 41

U0 thru U4  
 South







