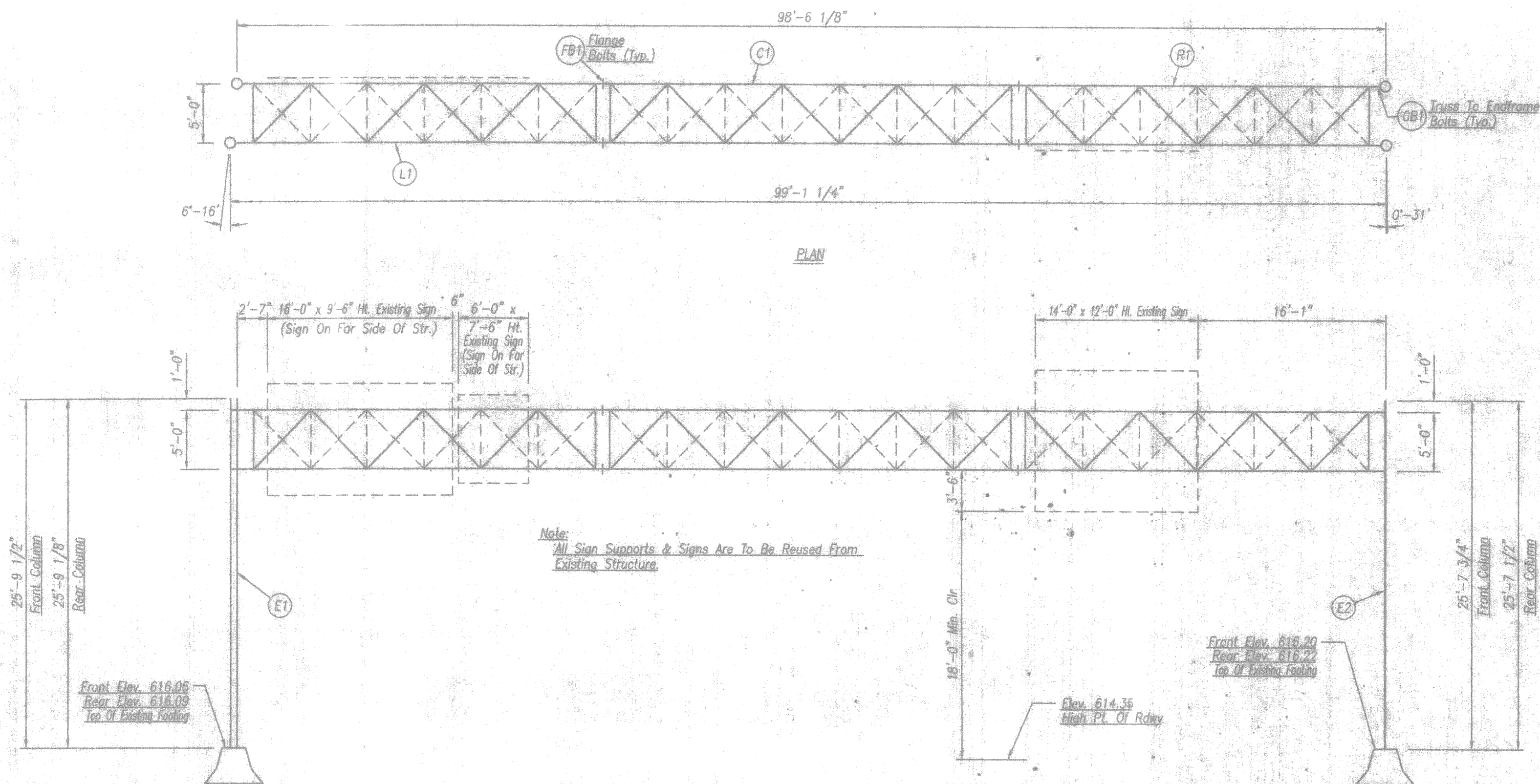
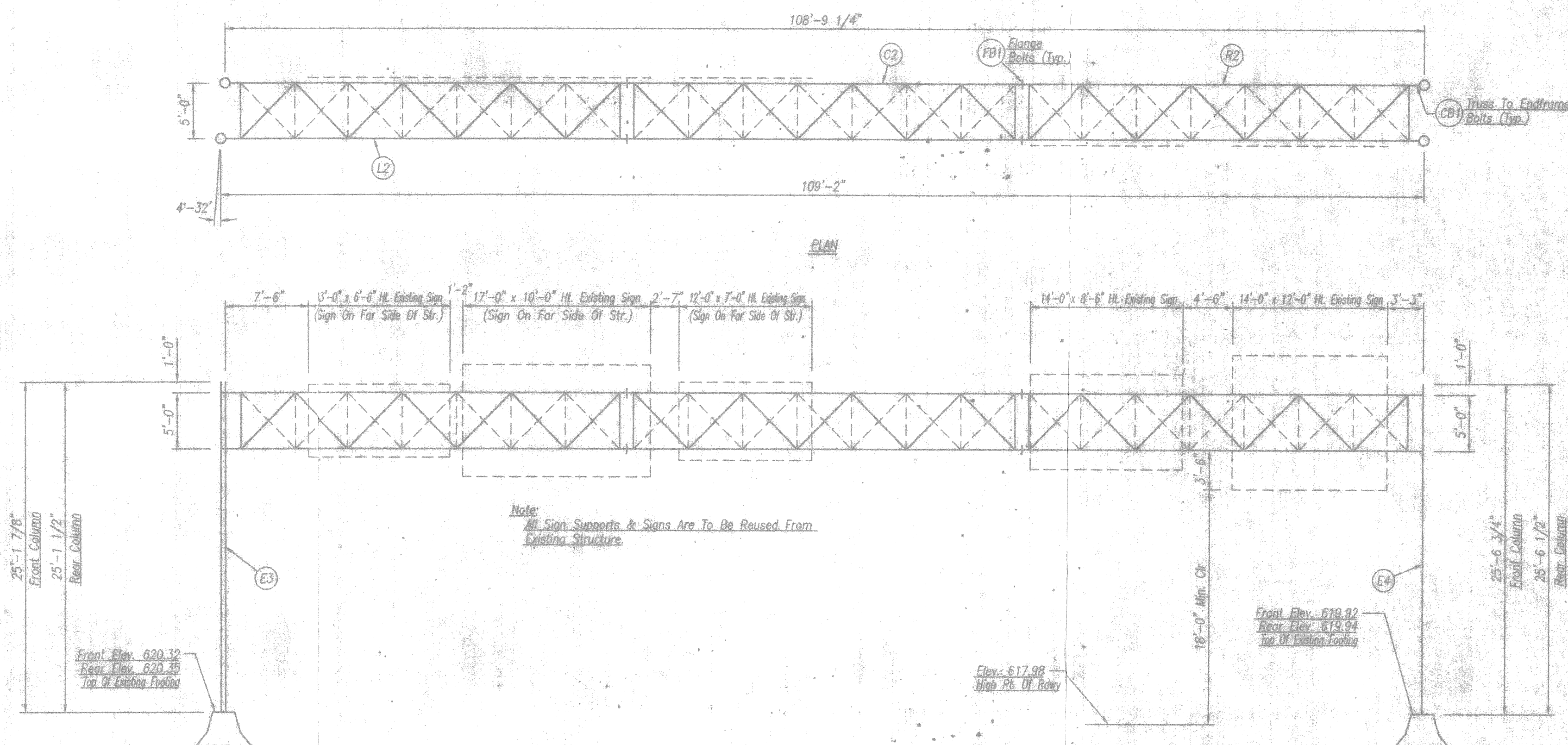
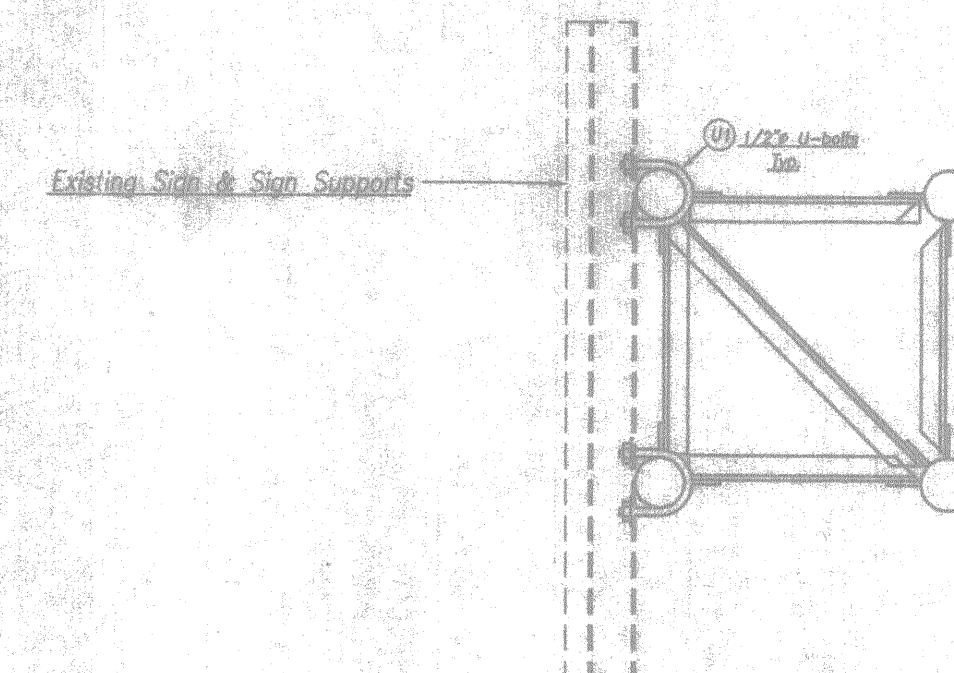




Elevation
S-5-55
Sta. 29+74.50 (Looking East)



Elevation
S-5-56
Sta. 37+18.50 (Looking East)

REVIEWED BY WIS. DEPT. OF TRANS., DIVISION OF HIGHWAYS
REVIEW AS TO COMPLIANCE WITH DESIGN DRAWINGS AND
SPECIFICATIONS WITHIN THE LIMITS OF PARA. 506.3.2 OF
STANDARD SPECIFICATIONS. REVIEW DOES NOT EXTEND TO
DETAIL DIMENSIONS.
DATE 11/7/93 BY *Craig W. Schell*

Notes: Elevations And Endframe Lengths Are For The Contract Plans.
Truss Sections MK No's Are Stamped On The
Top Of The Bottom Front Flange

- Rev Item:
- 1 Rev'd ~ Item No. 64166 ~ Sign Bridge, Structure S-05-55
 - 1 Rev'd ~ Item No. 64167 ~ Sign Bridge, Structure S-05-56
 - 1 Rev'd ~ Item No. 64168 ~ Sign Bridge, Structure S-05-57
 - 1 Rev'd ~ Item No. 64169 ~ Sign Bridge, Structure S-05-58

PRINTS ISSUED				REVISIONS			
FOR	NO.	DATE	FOR	NO.	DATE	NO.	DESCRIPTION
APPR	5	9-3-98					
DEC	8	9-30-98					

Brookfield Fabricating Corp

P.O. Box 406 - Brookfield, Missouri 64628 - (816) 258-2214

Customer: *Timothy, Inc.*

Project: STPG 1998 (489) Mason Street
City Of Green Bay, WI

Description: Erection Details Of Sign Bridge
Str. No. S-5-55 & S-5-56

Printed For: Wisconsin

Drawn By: JW

Date: 8/5/98

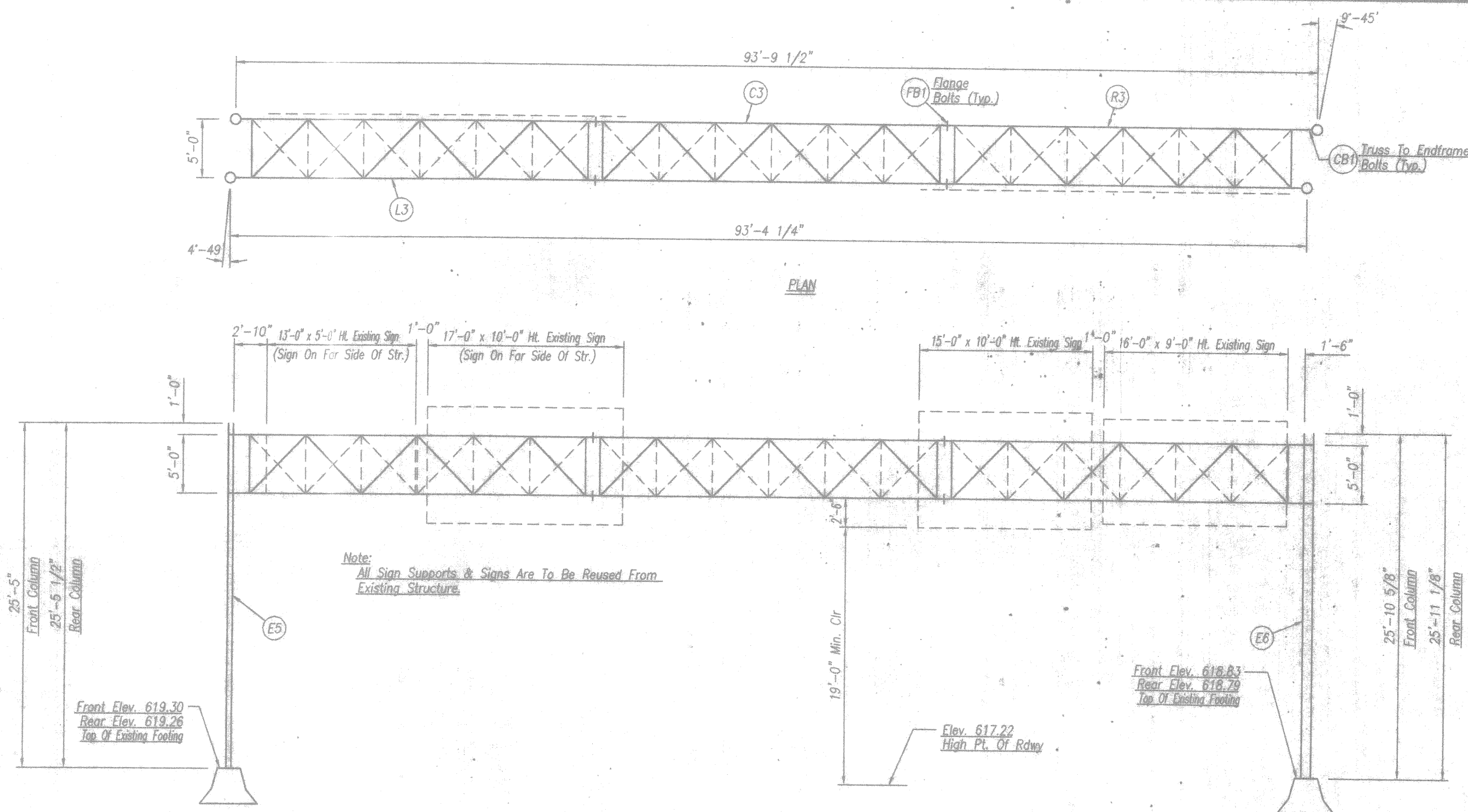
Checked By: C.R.

Date: 9/3/98

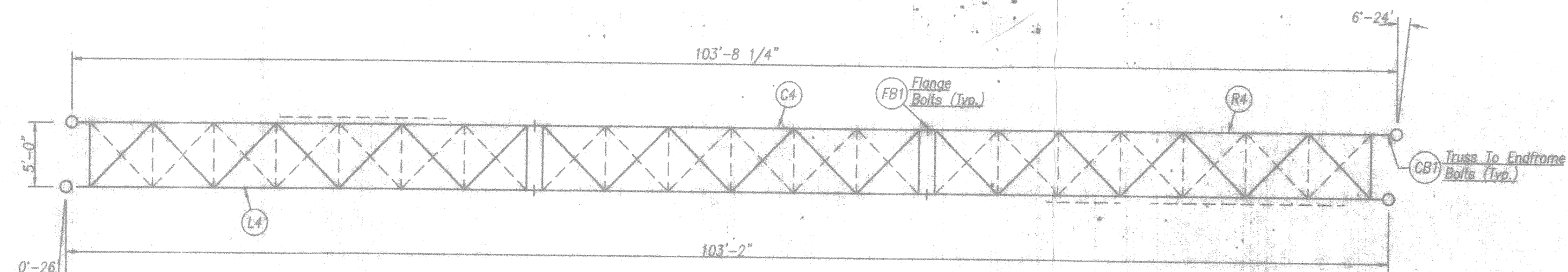
Job No: HW-6492

Rev:

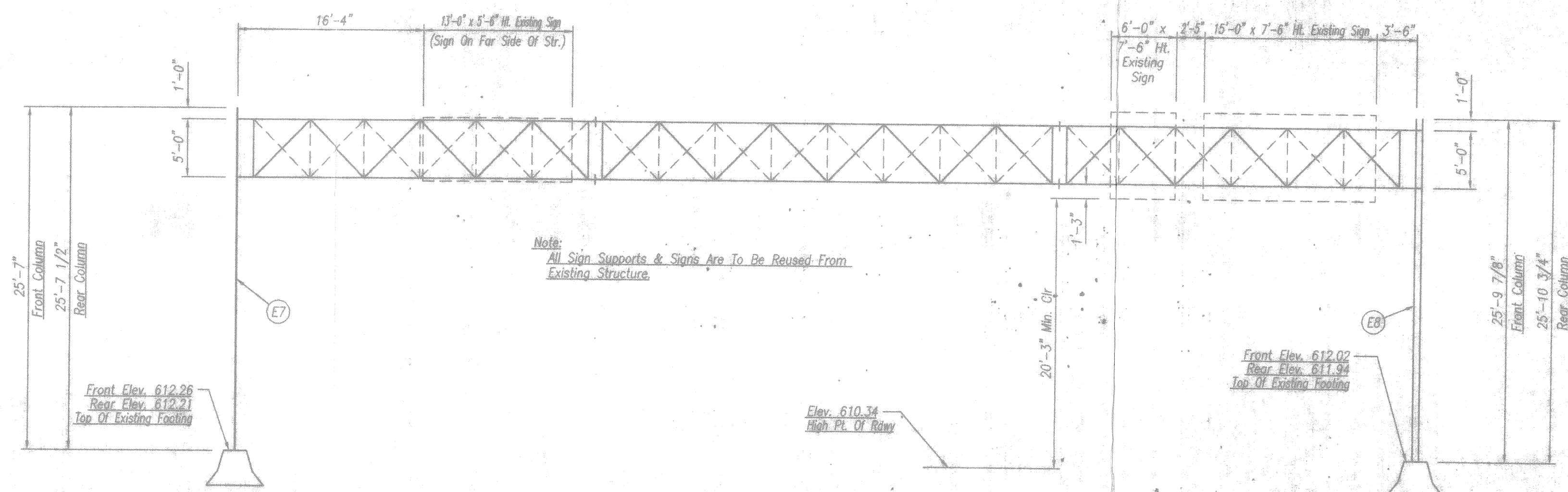
Sheet 1 OF 11



Elevation
S-5-57
Sta. 49+43.51 (Looking East)



Elevation
S-5-58
Sta. 56+38.50 (Looking East)



Elevation
S-5-58
Sta. 56+38.50 (Looking East)

Notes: Elevations And Endframe Lengths Are Per The Contract Plans.
Truss Sections MK No's Are Stamped On The
Top Of The Bottom Front Flange

PRINTS ISSUED				REVISIONS			
FOR	NO.	DATE	FOR	NO.	DATE	NO.	DATE

Brookfield Fabricating Corp

P.O. Box 406-- Brookfield, Missouri 64620-- (816)258-2214

Customer: Timme, Inc.

Project: STPG 1998 (489) Mason Street
City Of Green Bay, WI

Description: Erection Details Of Sign Bridge
Str. No. S-5-57 & S-5-58

Printed For: Wisconsin

Drawn By: JW

Date: 8/6/98

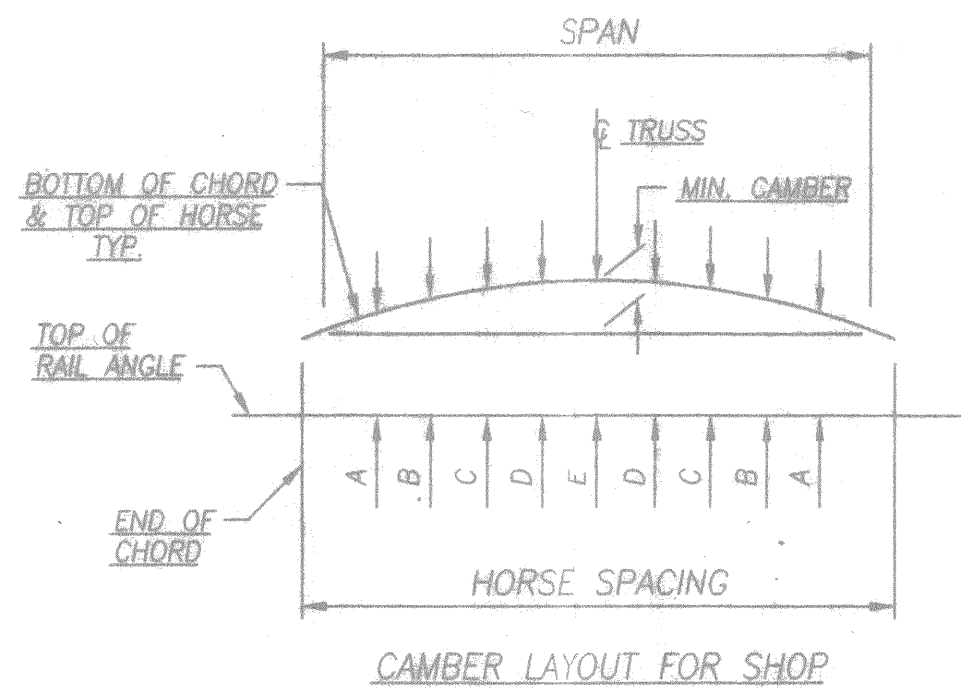
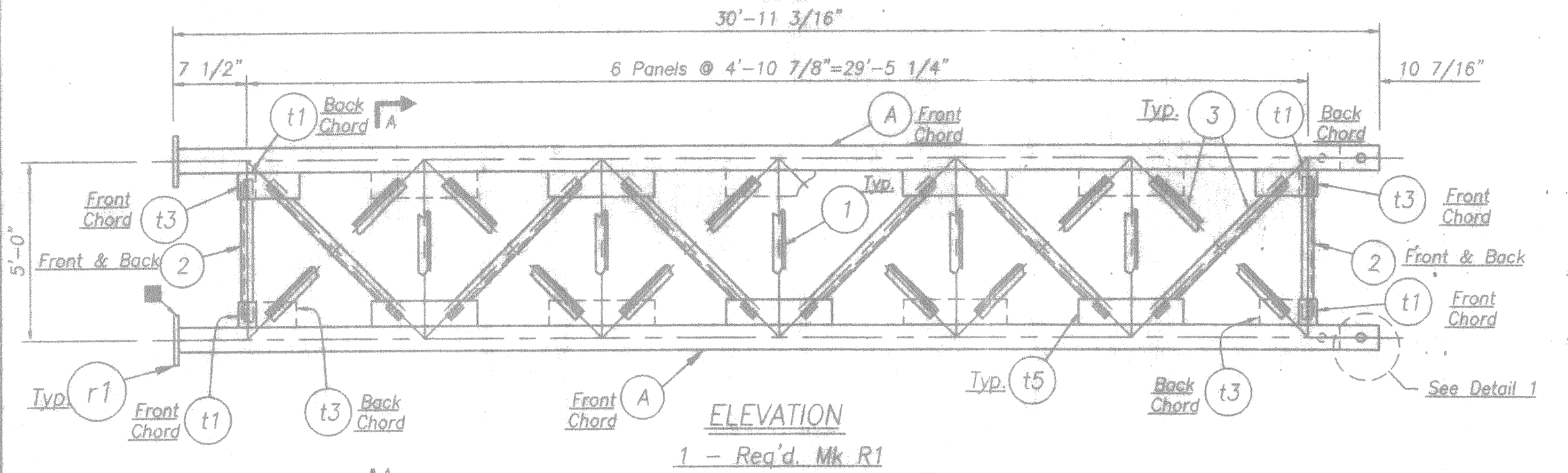
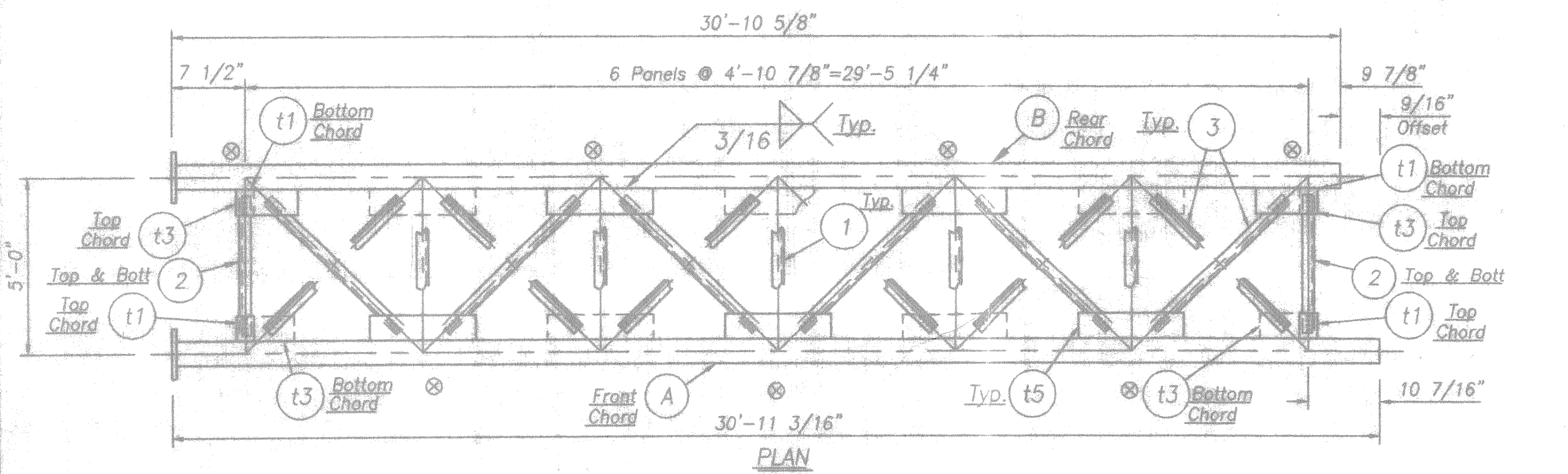
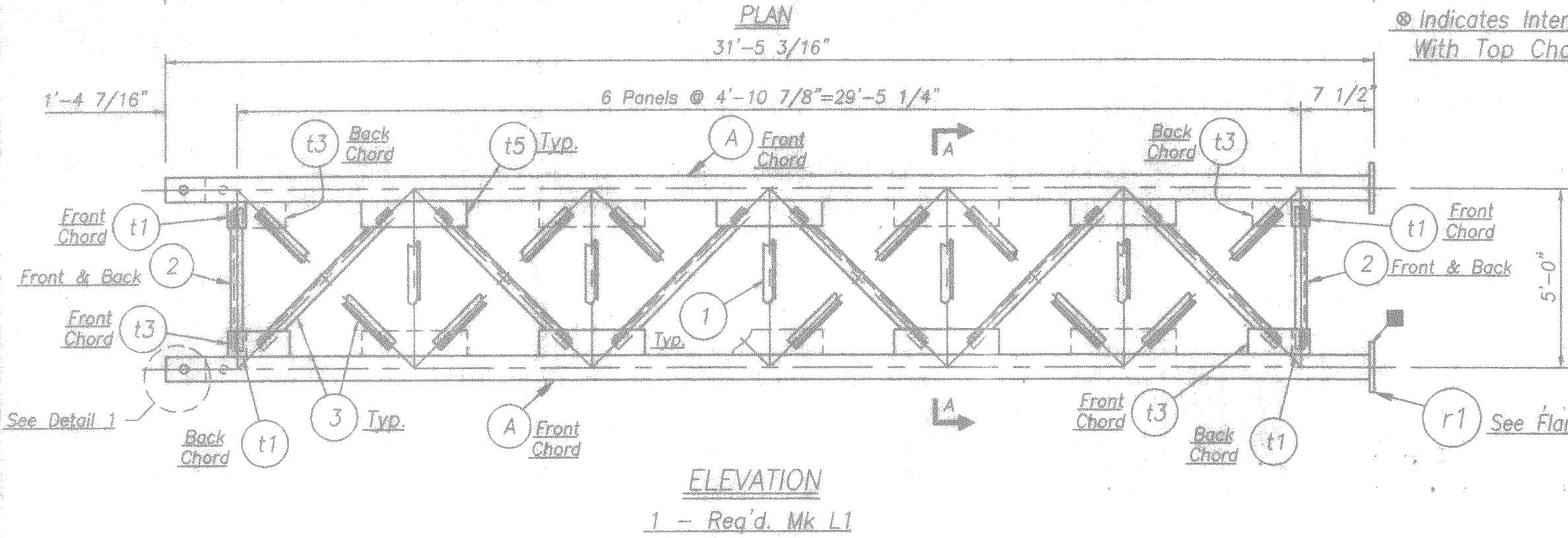
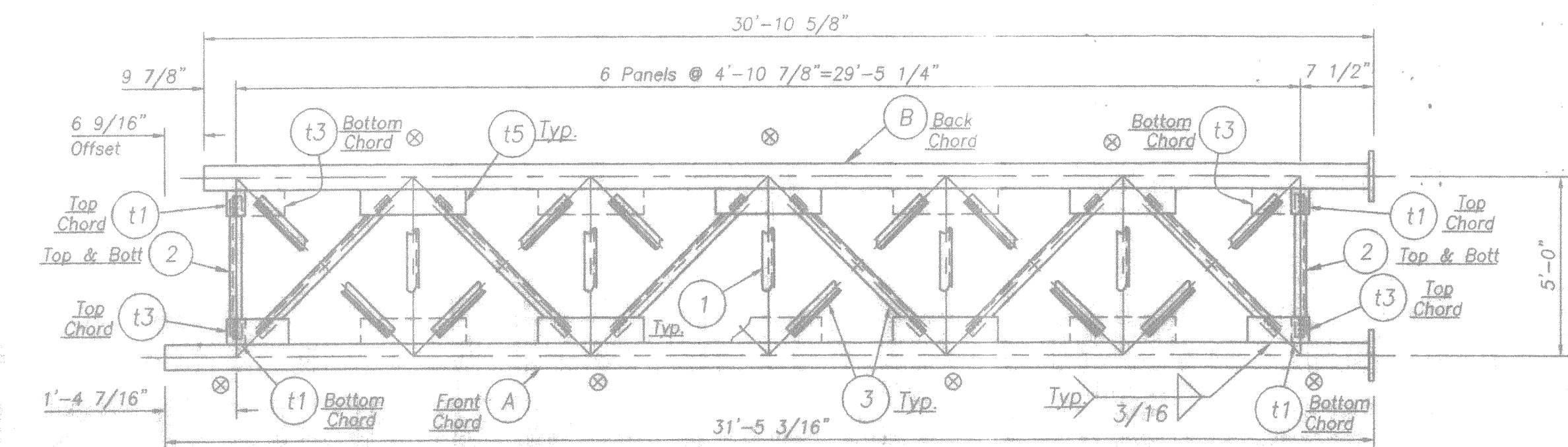
Checked By: C.R.

Date: 9/3/98

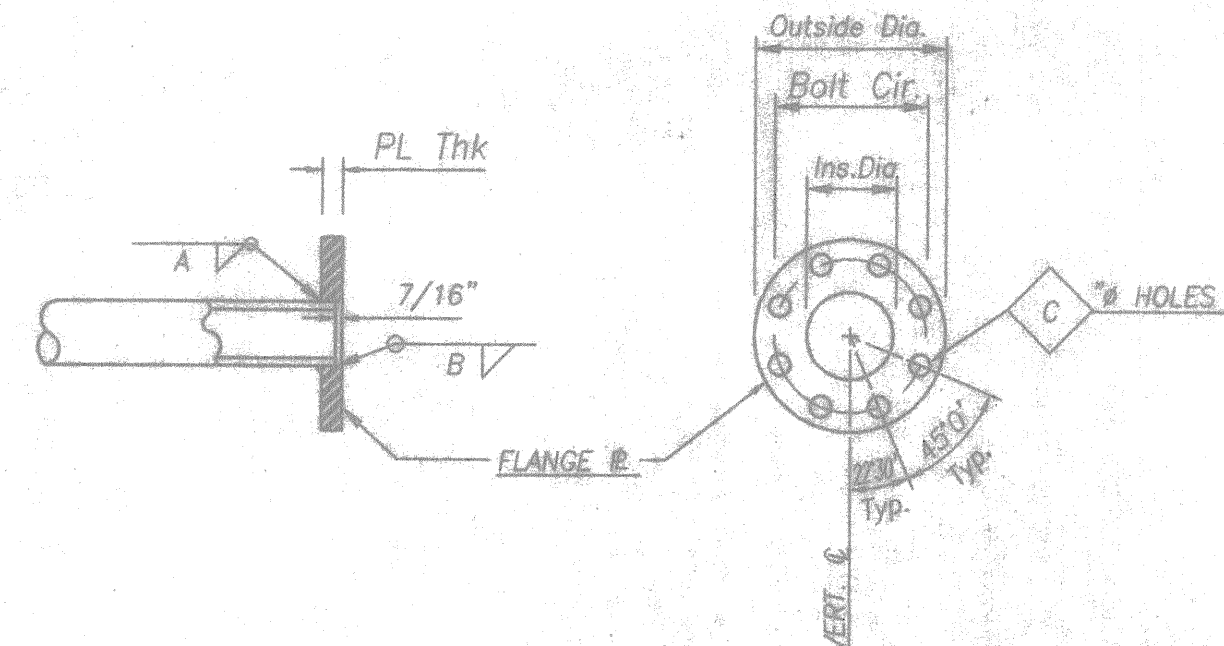
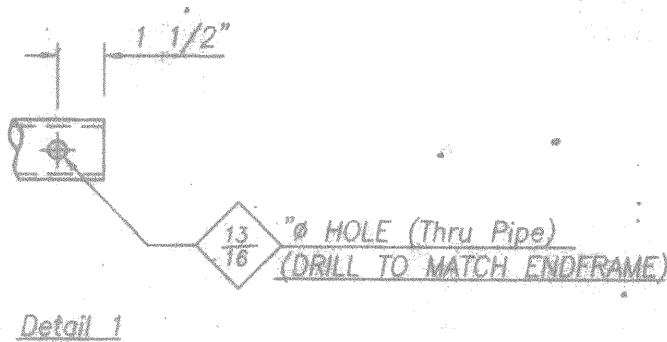
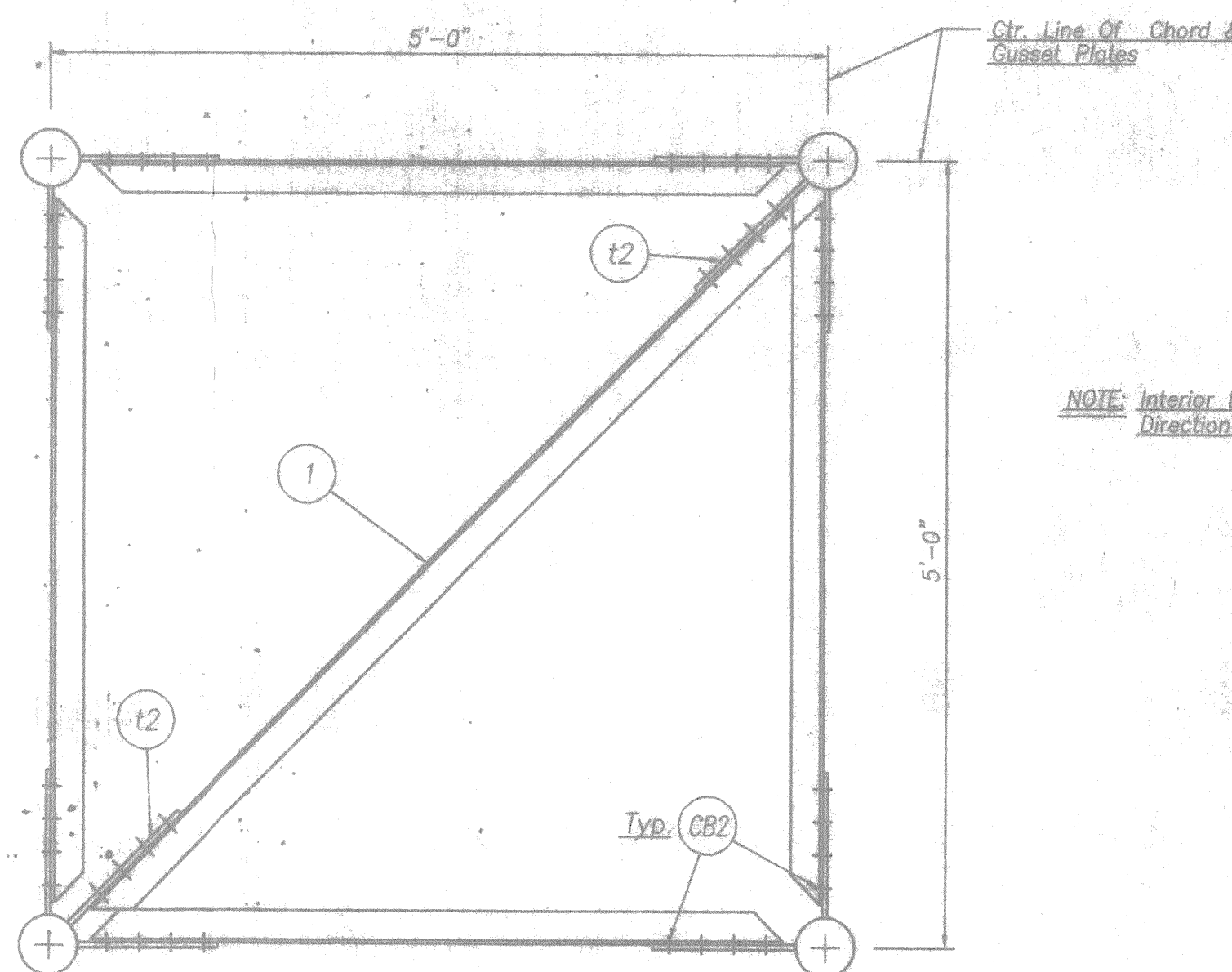
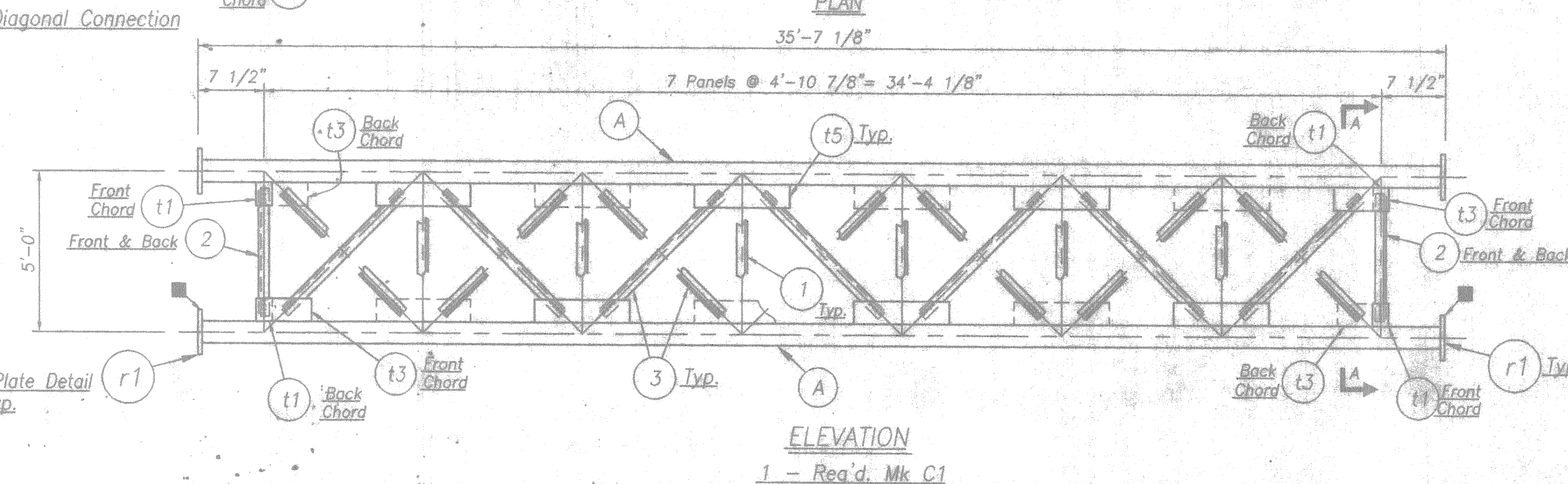
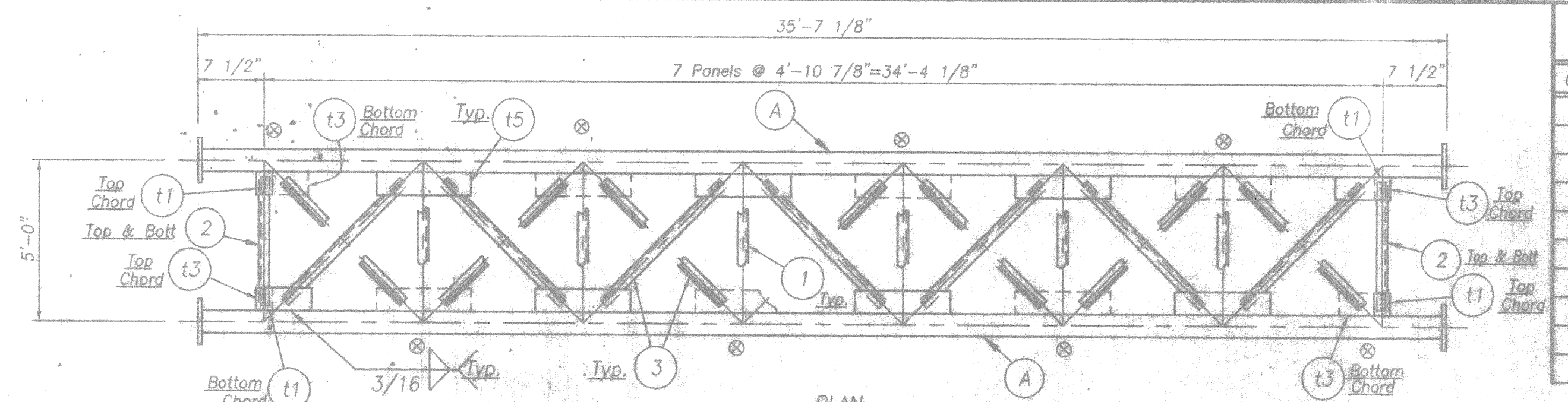
Job No.: WI-6492

Rev.

SH# 2 OF 11



Truss MK	HORSE SPACING	MIN. CAMBER	SPAN	A	B	C	D	E
L1/C1/R1	9 HORSES SPA @ 9'-9 9/16"	1 3/4"	97'-11 1/2"	1'-7 13/16"	1'-8 7/16"	1'-8 7/8"	1'-9 3/16"	1'-9 1/4"



Qty.	MK	Outside Dia.	Bolt Circle	Inside Dia.	Plate Thickness	A	B	C
16	r1	11 1/4"	8 1/4"	5 5/8"	1"	1/4"	1/4"	13/16"

BILL of MATERIAL

QTY.	MK	Description	Length	Remark
2	L1A	5.563" O.D. x .258" W PIPE	31'-4 3/4"	
2	L1B	do	30'-10 3/16"	
4	C1A	do	35'-6 1/4"	
2	R1A	do	30'-10 3/4"	
2	R1B	do	30'-10 3/16"	
16	r1	PL 1"x 11 1/4" DIA.		
64	FB1	3/4"x 3 1/4" H.S. HEX BOLT & NUT W/ 2 FLAT WA.		

NOTE: For Angle Braces, Conn. Hardware, & Tab Plates, See Sh. No. 7

Stamp Truss Section Mk No.'s On The Top Of The Bottom Front Flange

Material Specs:

Steel Pipe Shall Be API Spec 5L x 42 FY=42,000 P.S.I.

All Other Steel - A.S.T.M. A209, Gr.36

Galv. Steel Per A.S.T.M. A123

H.S. Hardware To Be A.S.T.M. A325

Galv. Hardware Per A.S.T.M. A133, Class C

PRINTS ISSUED				REVISIONS			
FOR	NO.	DATE	DESCRIPTION	FOR	NO.	DATE	DESCRIPTION

Brookfield Fabricating Corp

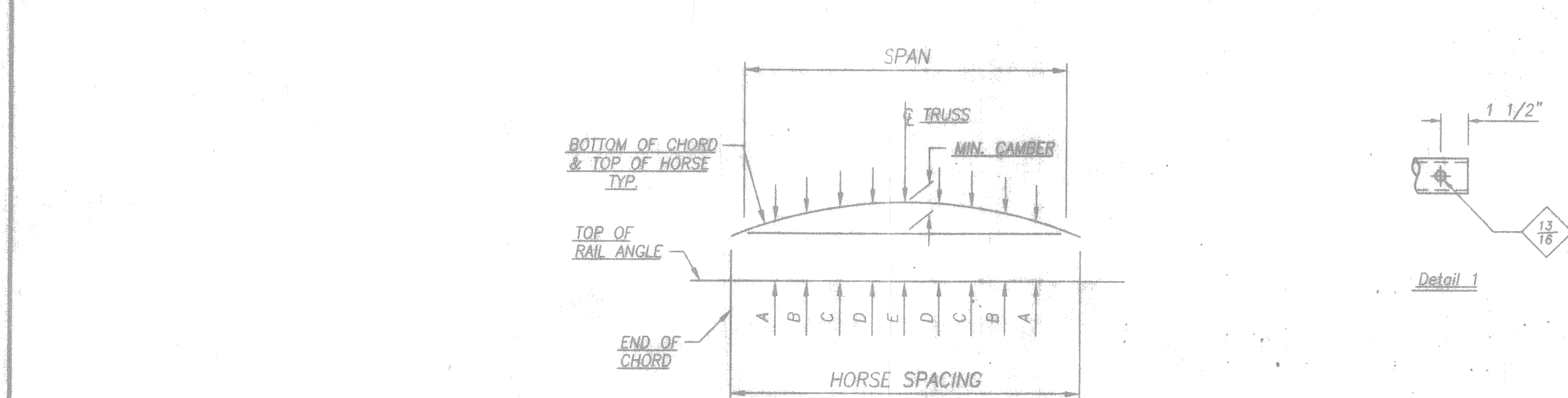
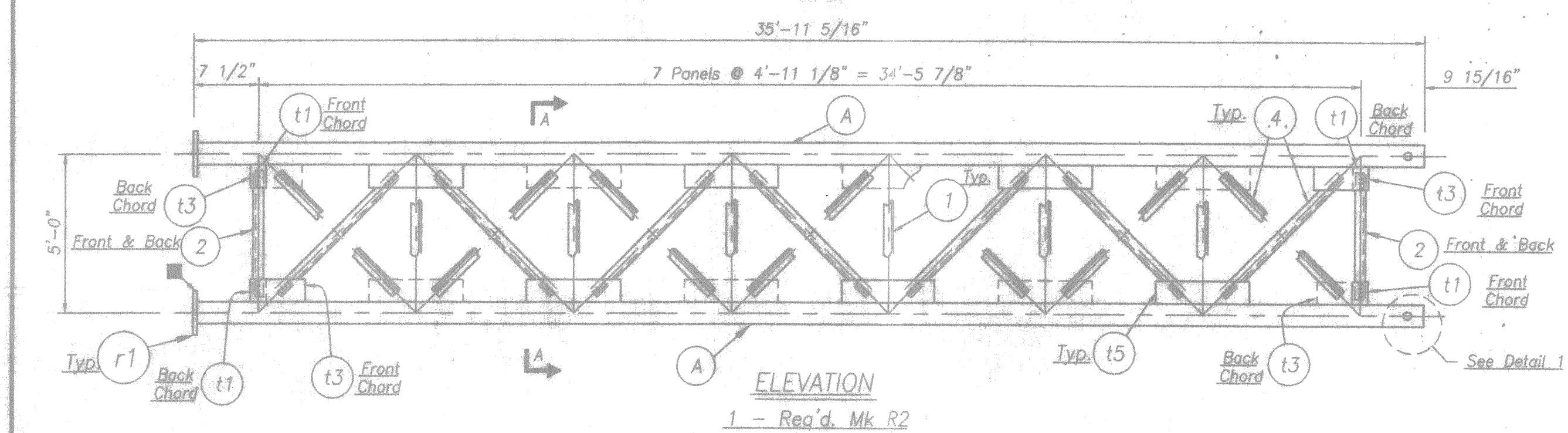
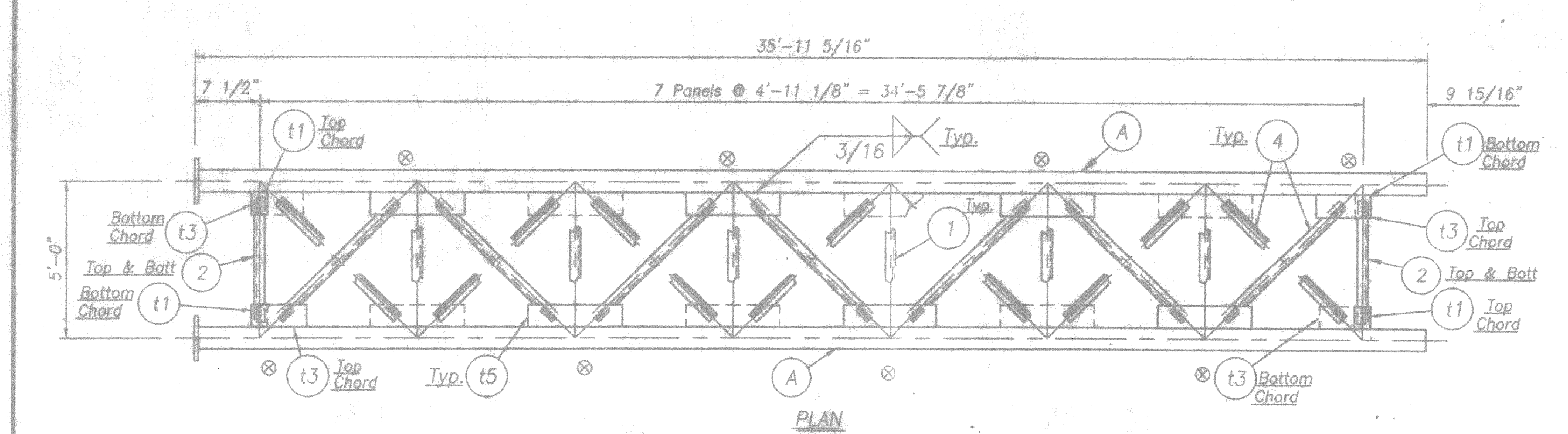
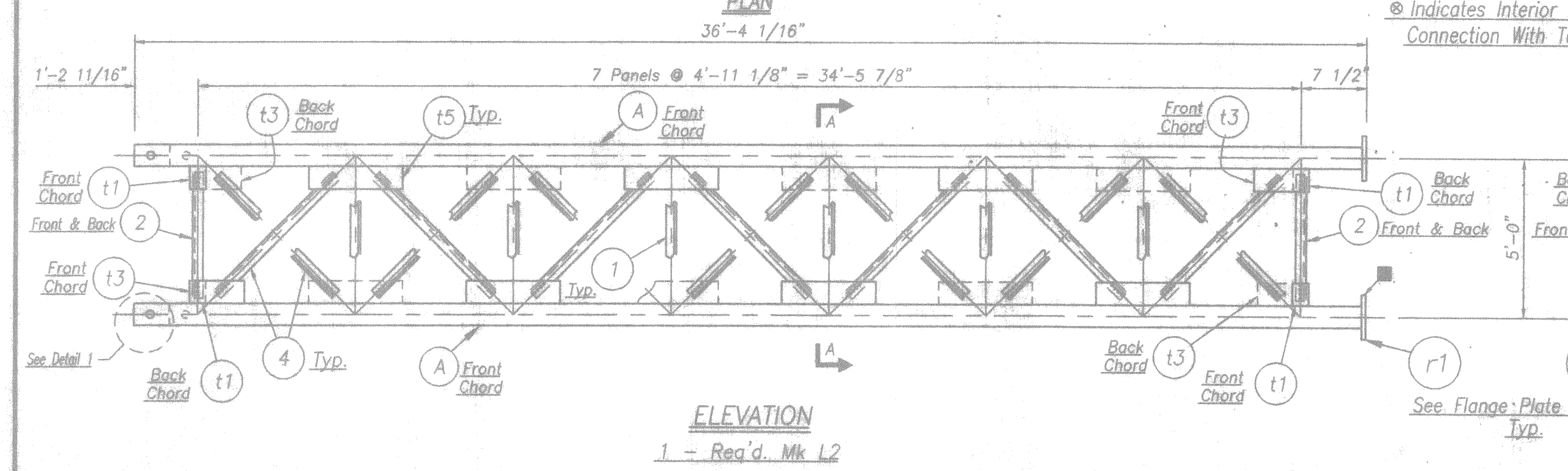
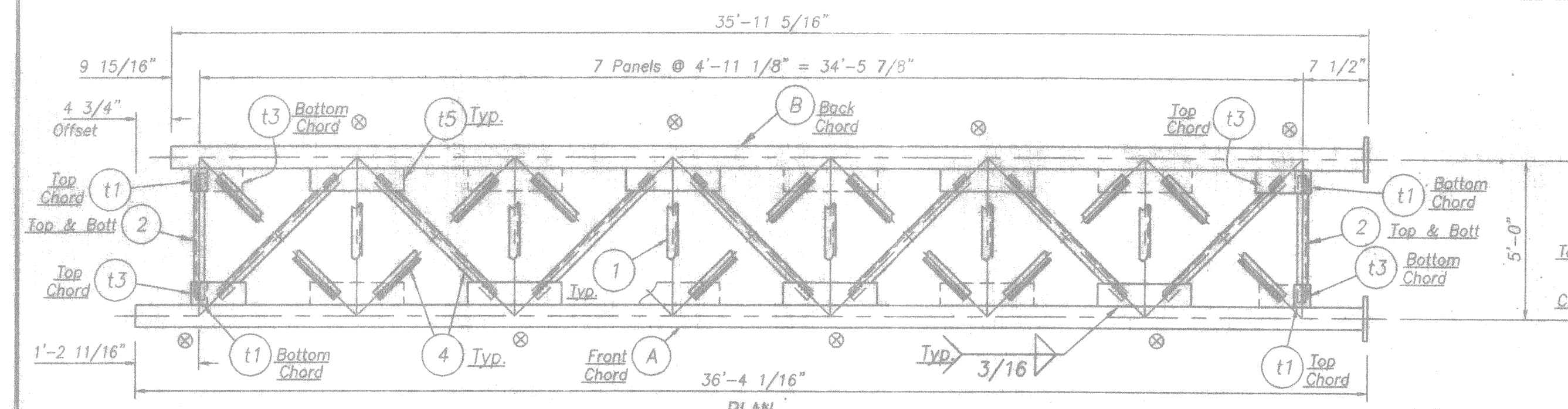
P.O. Box 406 - Brookfield, Missouri 64628 - (660)258-2214

Customer: Timme, Inc.

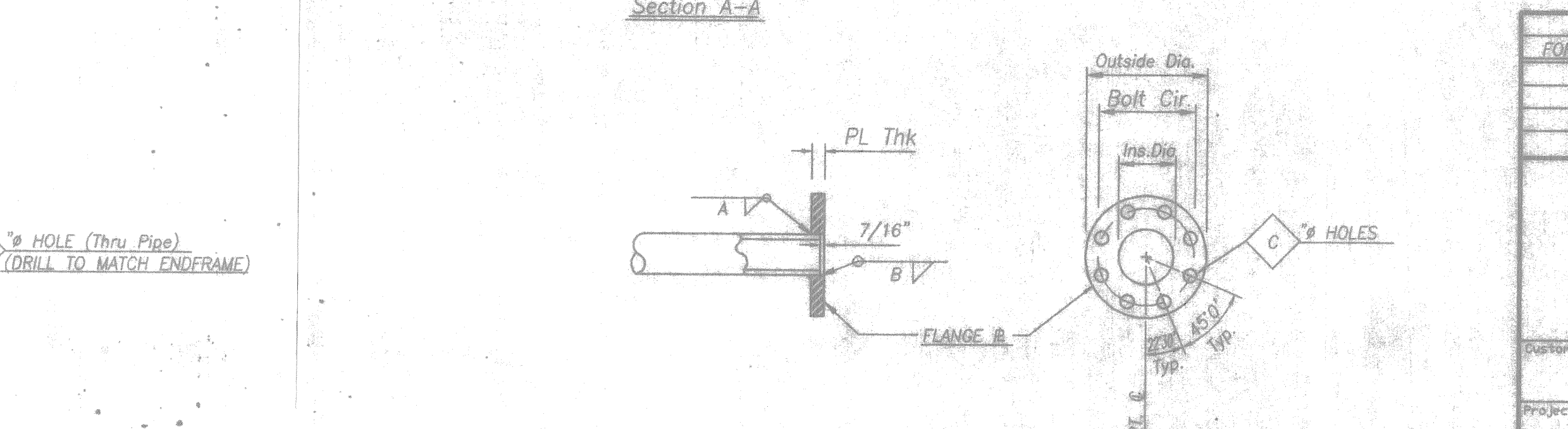
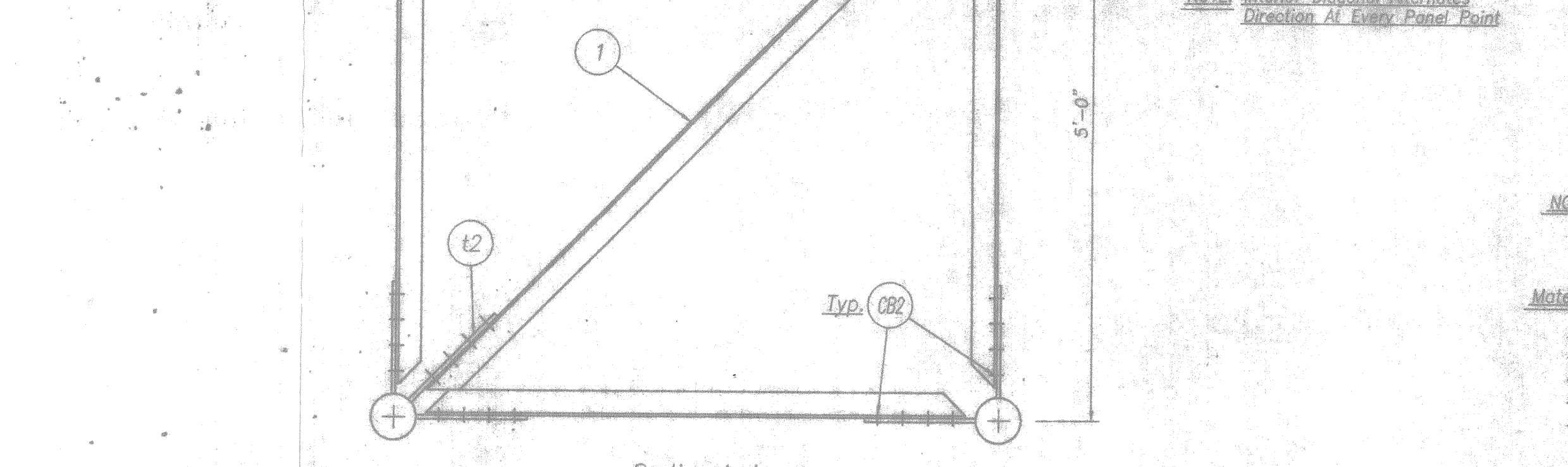
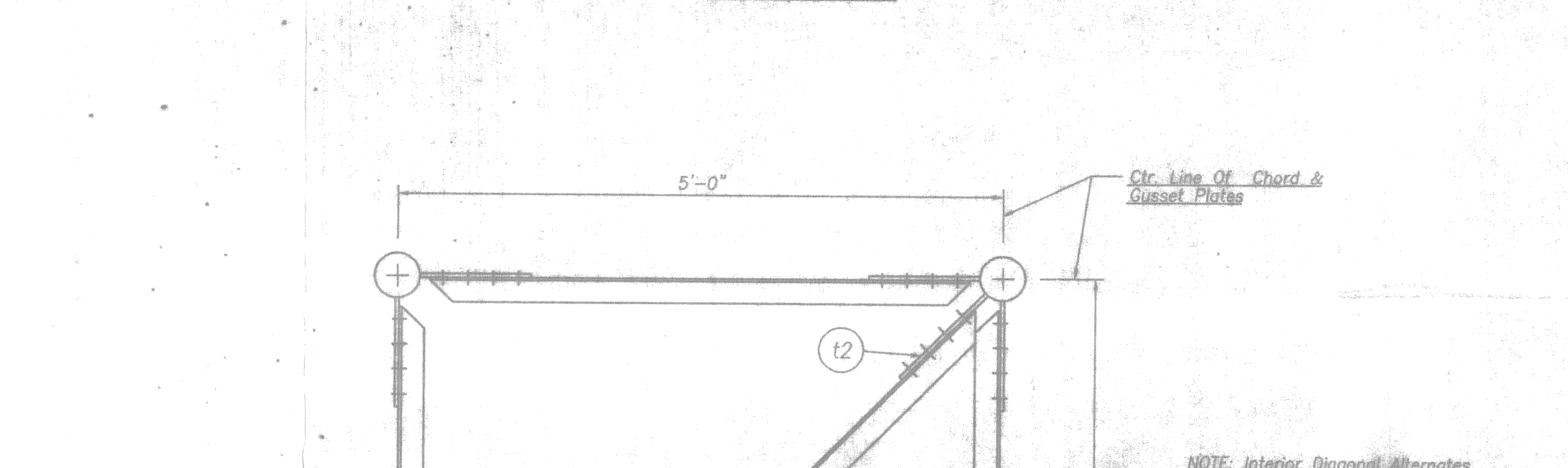
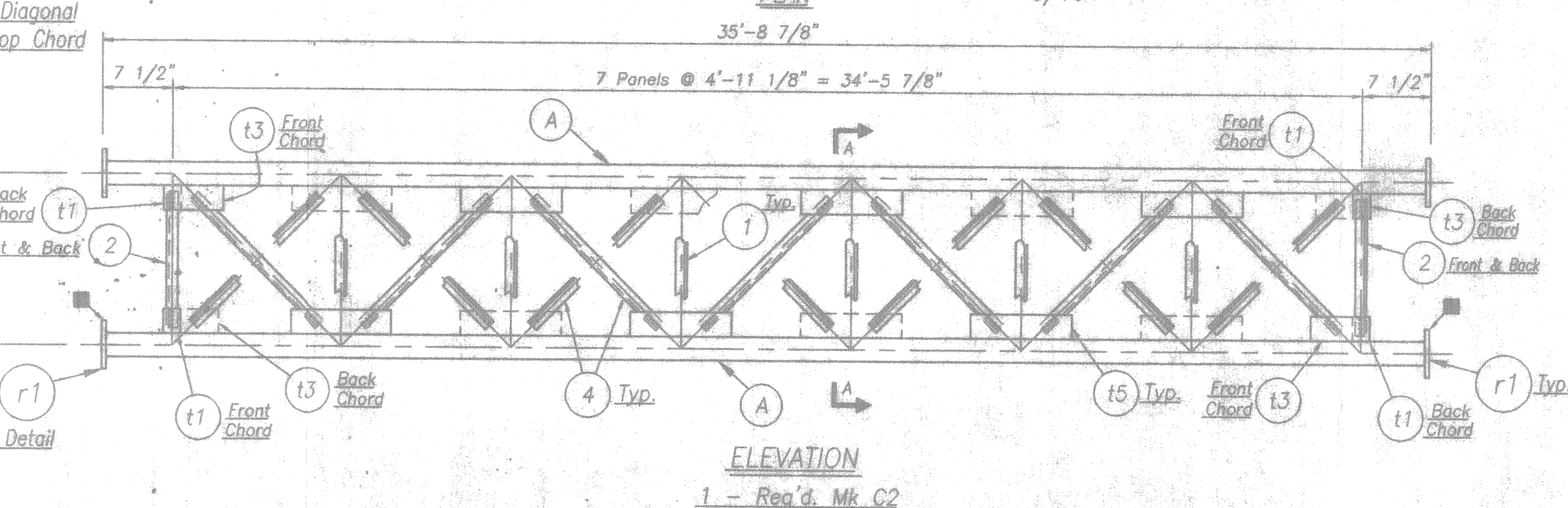
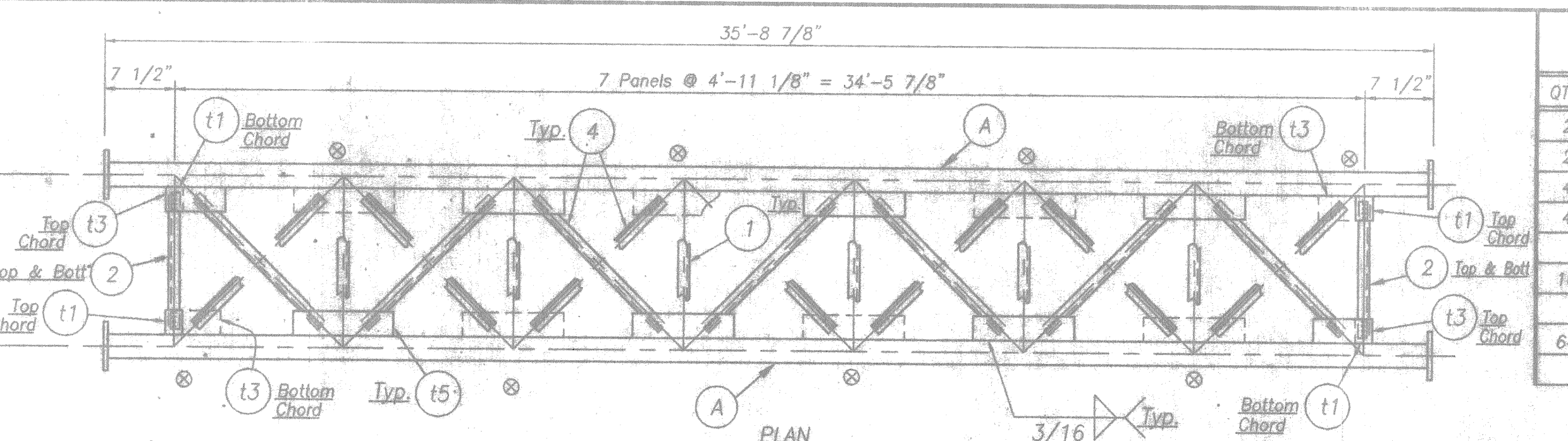
Project: STPG 1988 (489)
City Of Green Bay, WI

Description: Fabrication Details Of Sign Bridge
For Str. 5-5-55

Printed For: Wisconsin
Drawn By: JW
Date: 8/7/98
Checked By: C.R.
Date: 9/3/98
Job No: WI-6492
Rev: SH#3 OF 11



Truss MK	HORSE SPACING	MIN. CAMBER	SPAN	A	B	C	D	E
L2/C2/R2	9 HORSES SPA @ 10'-9 5/8"	2 1/8"	108'-0 1/4"	1'-7 15/16"	1'-8 11/16"	1'-9 3/16"	1'-9 1/2"	1'-9 5/8"



Qty.	MK	Outside Dia.	Bolt Circle	Inside Dia.	Plate Thickness	A	B	C
16	r1	11 1/4"	8 1/4"	5 5/8"	1"	1/4"	1/4"	13/16"

BILL of MATERIAL

QTY.	MK	Description	Length	Remark
2	L2A	5.563" O.D. x .258" W PIPE	36'-3 5/8"	
2	L2B	do	35'-10 7/8"	
4	C2A	do	35'-8"	
4	R2A	do	35'-10 7/8"	
16	r1	PL 1 1/2" x 1 1/4" DIA.		
64	FB1	3/4"x 3 1/4" H.S. HEX BOLT & NUT W/2 FLAT WA.		

NOTE: For Angle Braces, Conn. Hardware, & Tab Plates, See Sh. No. 7
Stamp Truss Section Mk. No.'s On The Top Of The Bottom Front Flange

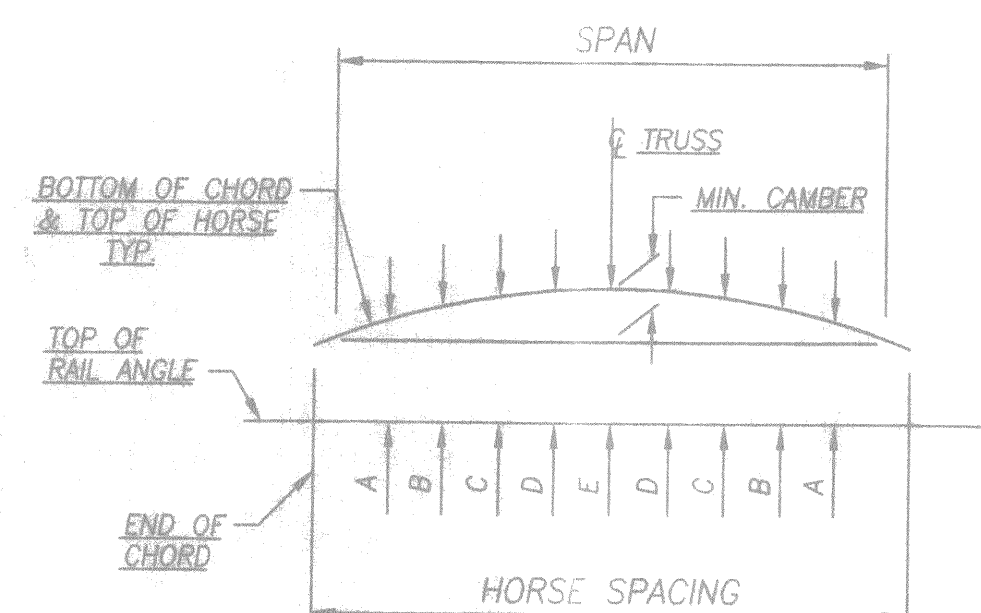
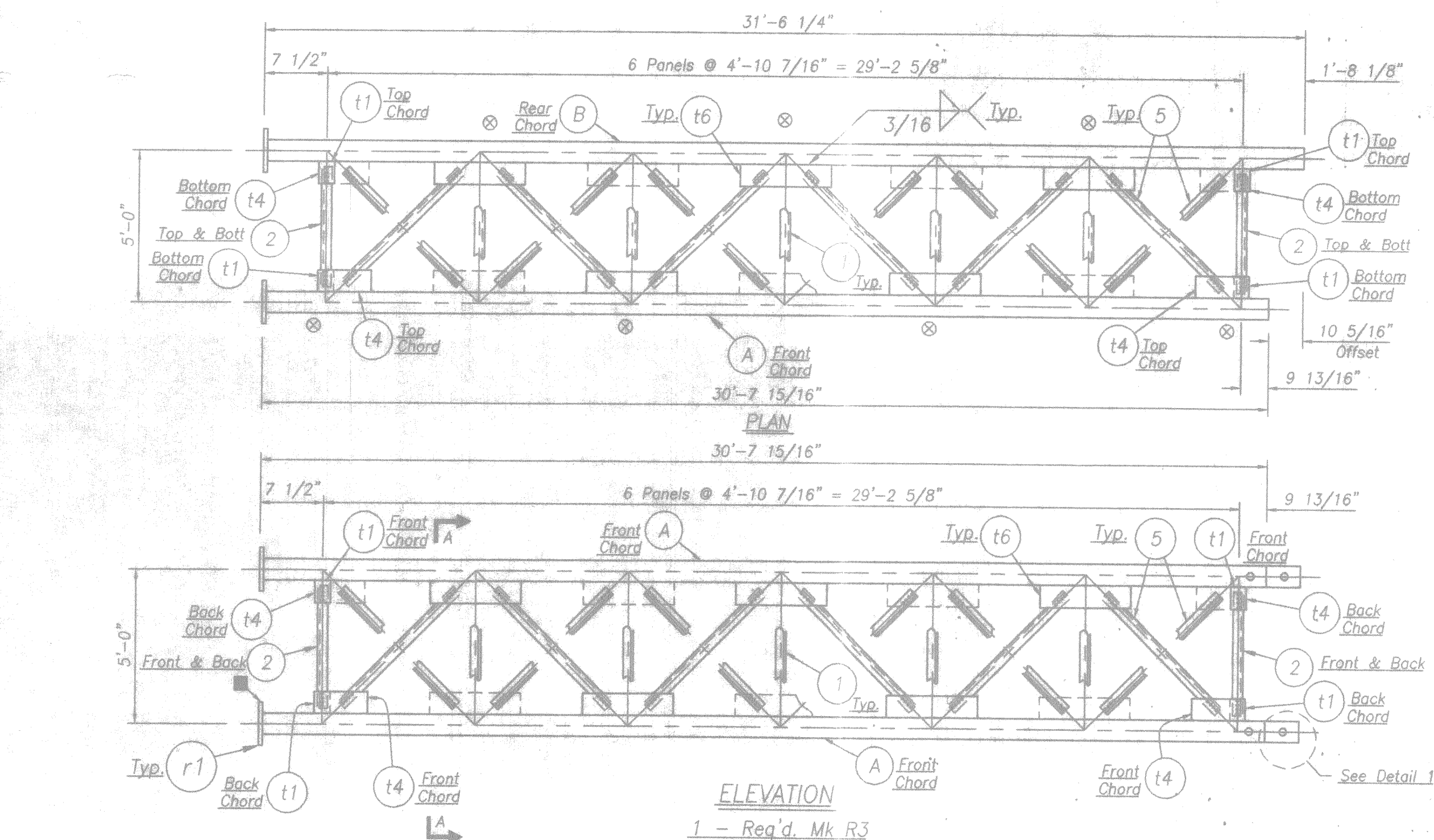
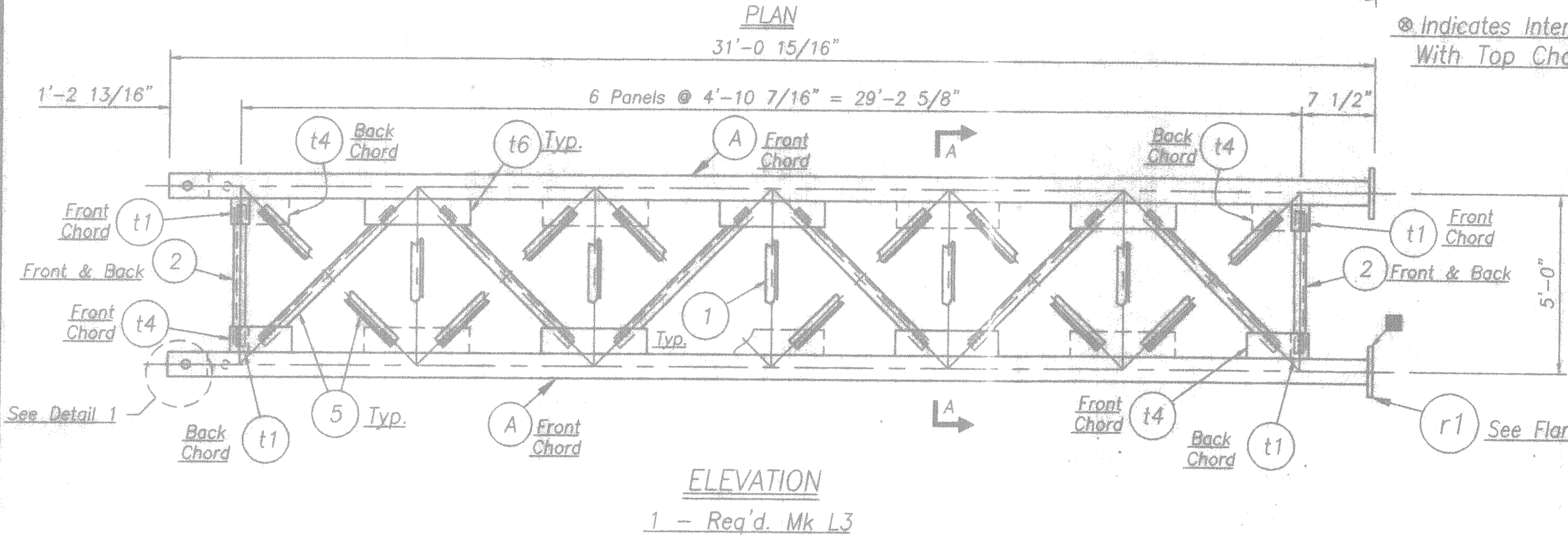
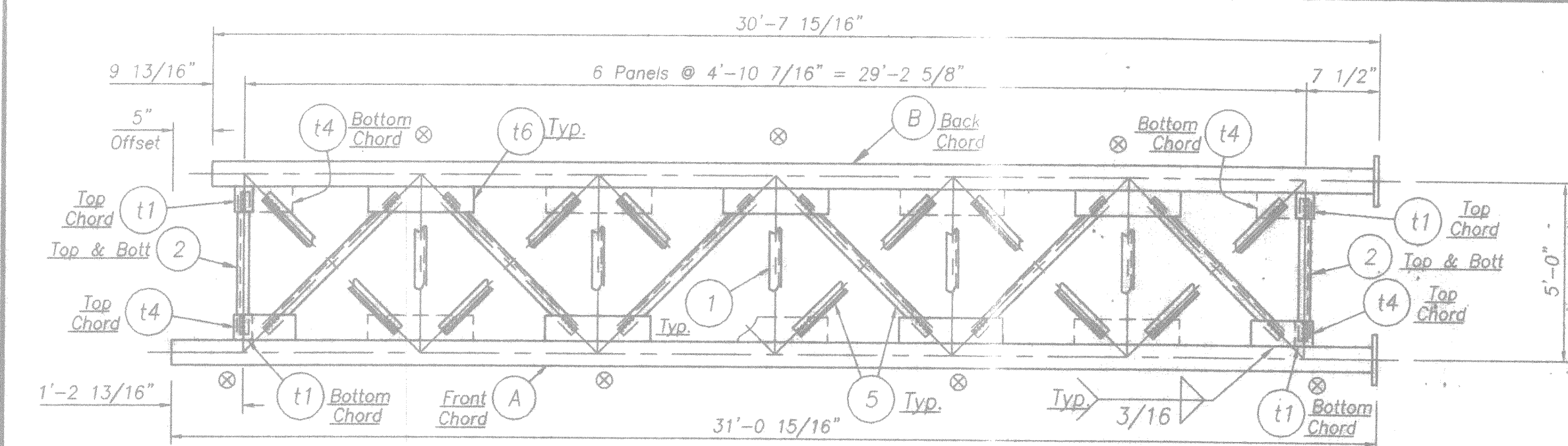
Material Specs:
Steel Pipe Shall Be API Spec 5L x 42 Fy=42,000 P.S.I.
All Other Steel - A.S.T.M. A709, Gr. 36
Galv. Steel Per A.S.T.M. A123
H.S. Hardware To Be A.S.T.M. A325
Galv. Hardware Per A.S.T.M. A153, Class C

PRINTS ISSUED				REVISIONS			
FOR	NO.	DATE	FOR	NO.	DATE	DESCRIPTION	

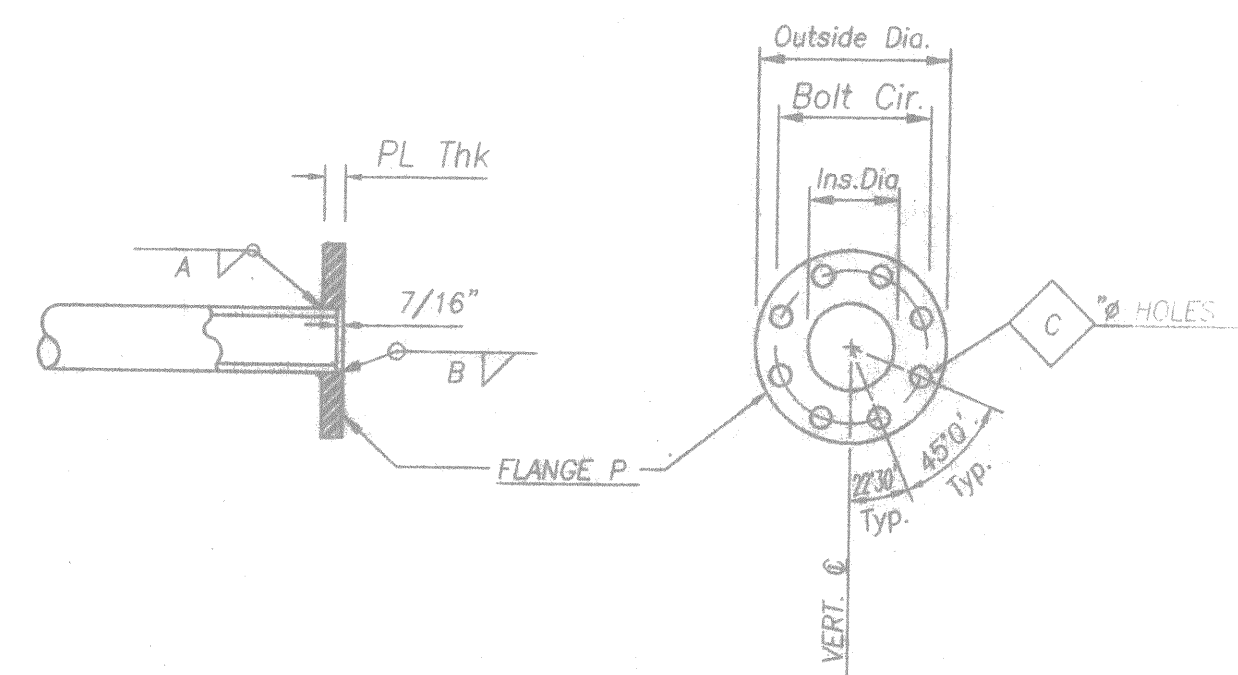
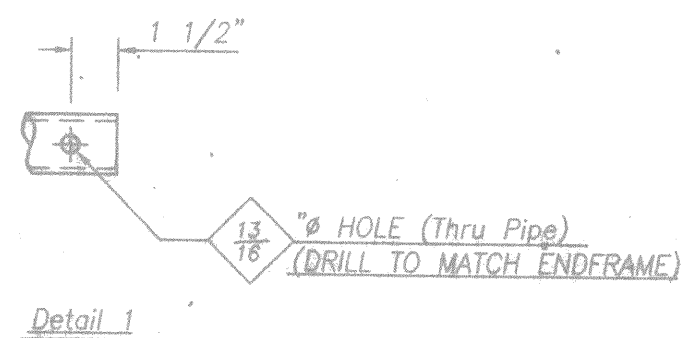
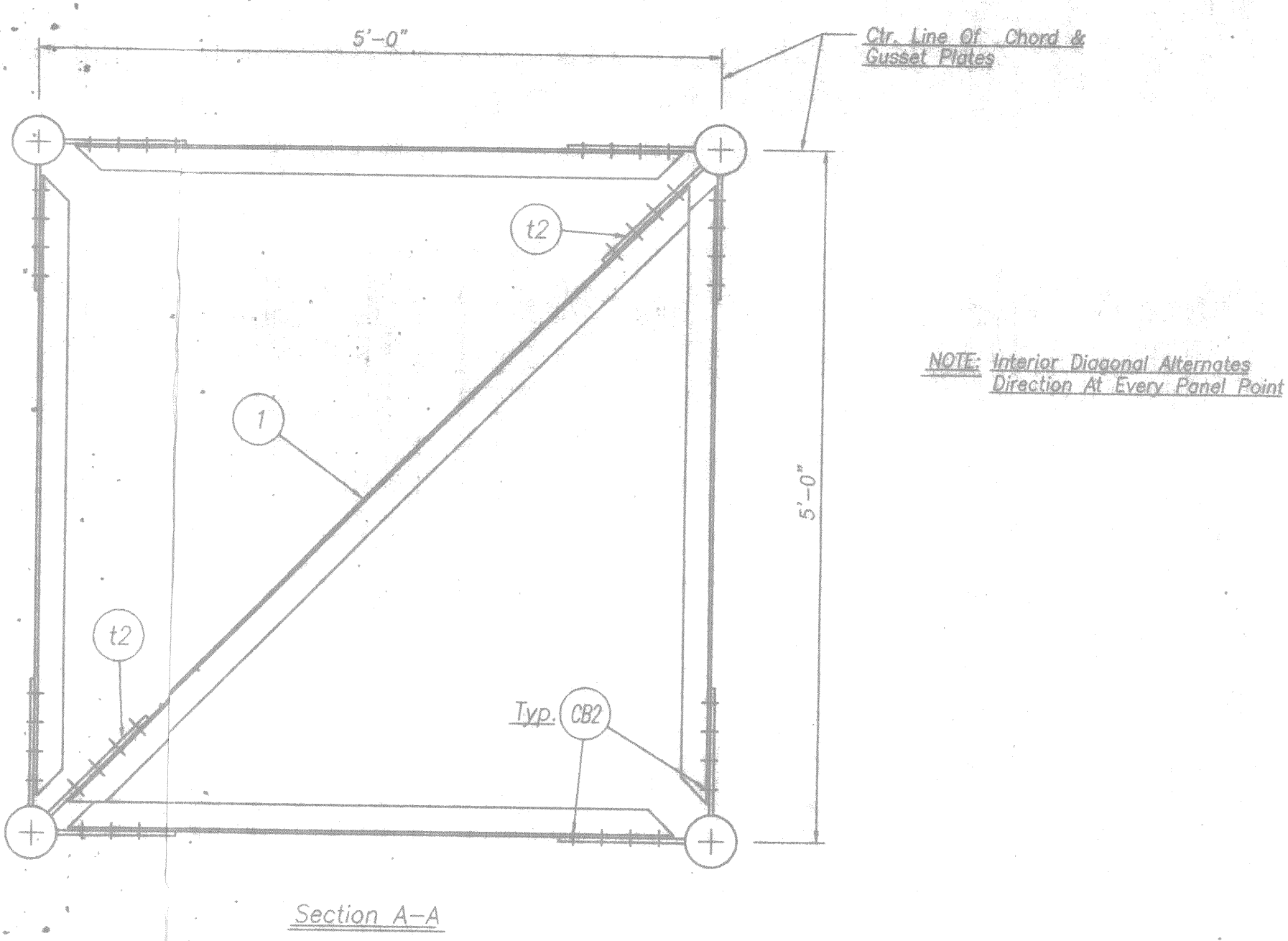
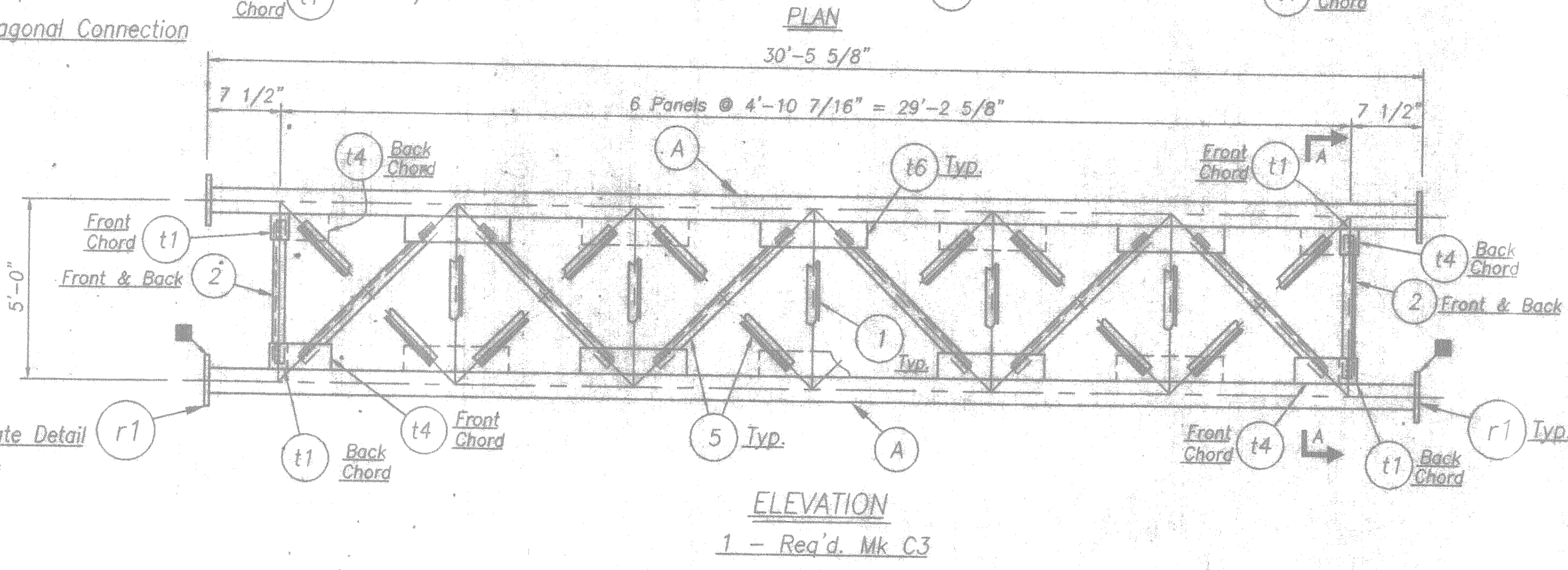
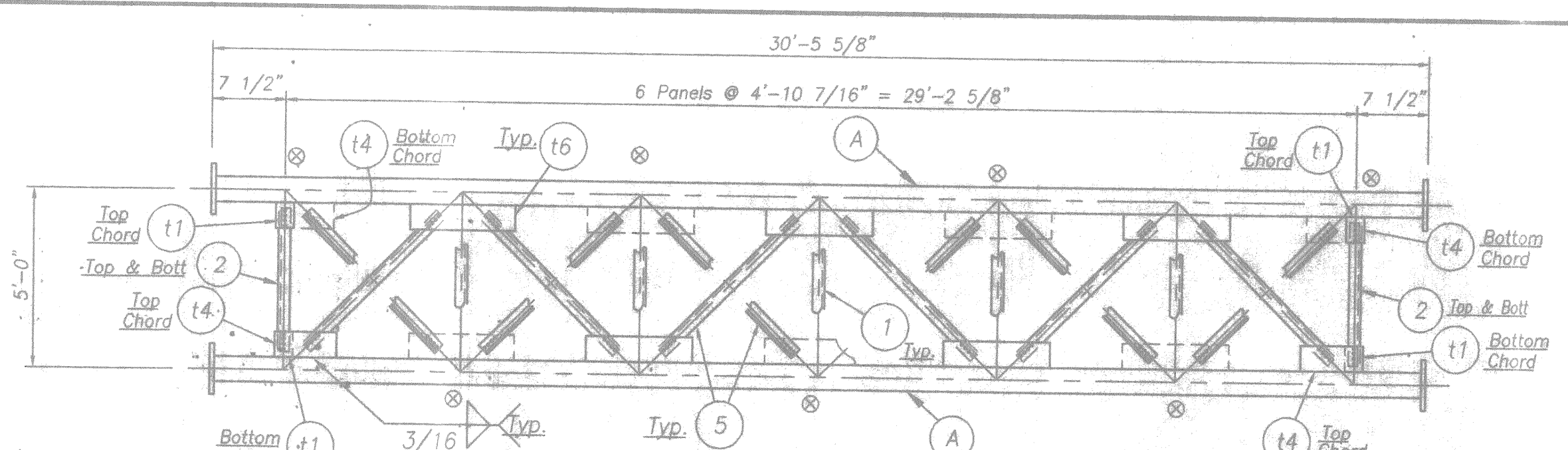
Brookfield Fabricating Corp
P.O. Box 406 - Brookfield, Missouri 64628 - (860)258-2214

Customer: Timm, Inc.
Project: STPG 1988 (489)
City: Of Green Bay, WI
Description: Fabrication Details Of Sign Bridge
For Str. S-5-56

Printed For: Wisconsin
Drawn By: JW
Date: 8/13/98
Checked By: C.R.
Date: 9/3/98
Job No.: WI-6492
Rev: 1



Truss MK	HORSE SPACING	MIN. CAMBER	SPAN	A	B	C	D	E
L3/C3/R3	9 HORSES SPA @ 9'-3 11/16"	1 5/8"	93'-0 13/16"	1'-7 3/4"	1'-8 3/8"	1'-8 13/16"	1'-9"	1'-9 1/8"



Qty.	MK	Outside Dia.	Bolt Circle	Inside Dia.	Plate Thickness	A	B	C
16	r1	11 1/4"	8 1/4"	5 5/8"	1"	1/4	1/4	13/16"

BILL of MATERIAL

QTY.	MK	Description	Length	Remark
2	L3A	5.563" O.D. x .258" W PIPE	31'-0 1/2"	
2	L3B	do	30'-7 1/2"	
4	C3A	do	30'-4 3/4"	
2	R3A	do	30'-7 1/2"	
2	R3B	do	31'-5 13/16"	
16	r1	PL 1"x 11 1/4" DIA.		
64	FB1	3/4"x 3 1/4" H.S. HEX BOLT & NUT W/ 2 FLAT WA.		

NOTE: For Angle Braces, Conn. Hardware, & Tab Plates, See Sh. No. 7
Stamp Truss Section Mk No.'s On The Top Of The Bottom Front Flange

Material Specs:
Steel Pipe Shall Be API Spec 5L x 42 FR=42,000 P.S.I.
All Other Steel -- A.S.T.M. A709, Gr.36
Galv. Steel Per A.S.T.M. A123
H.S. Hardware To Be A.S.T.M. A325
Galv. Hardware Per A.S.T.M. A153, Class C

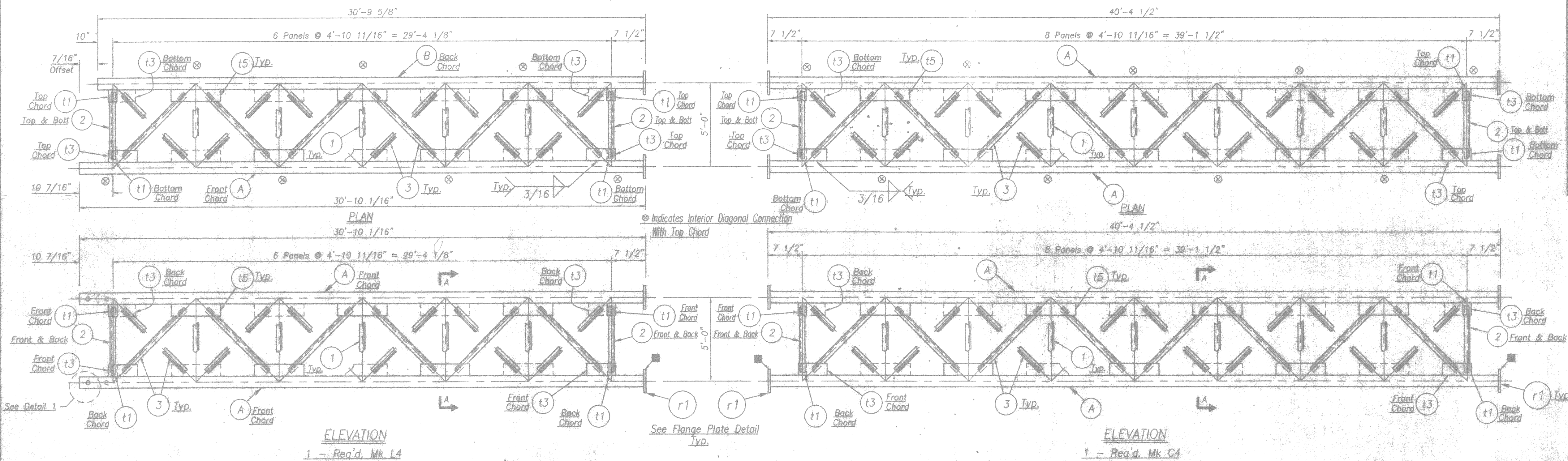
PRINTS ISSUED						REVISIONS		
FOR	NO.	DATE	FOR	NO.	DATE	NO.	DATE	DESCRIPTION

Brookfield Fabricating Corp

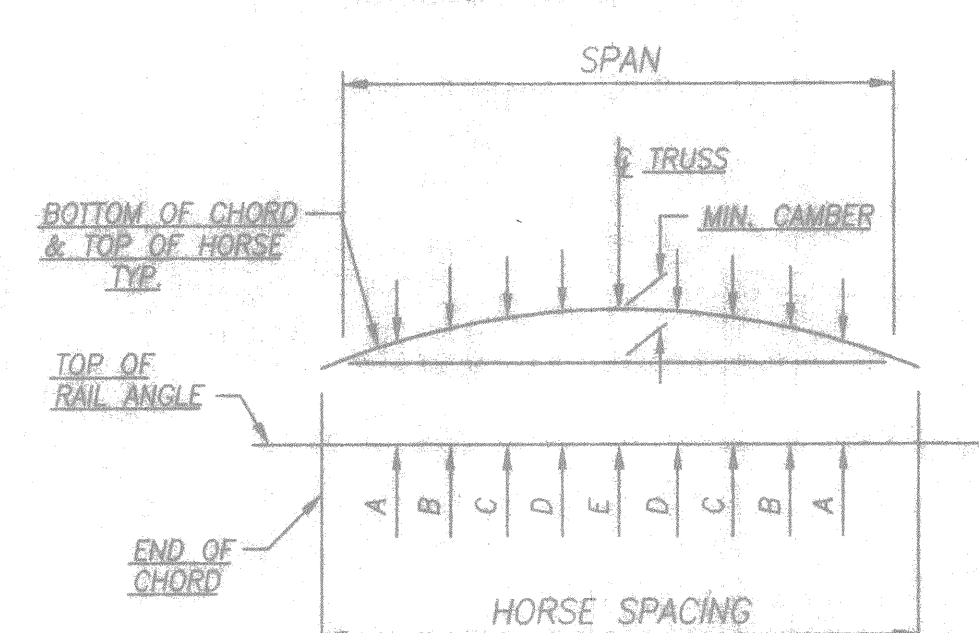
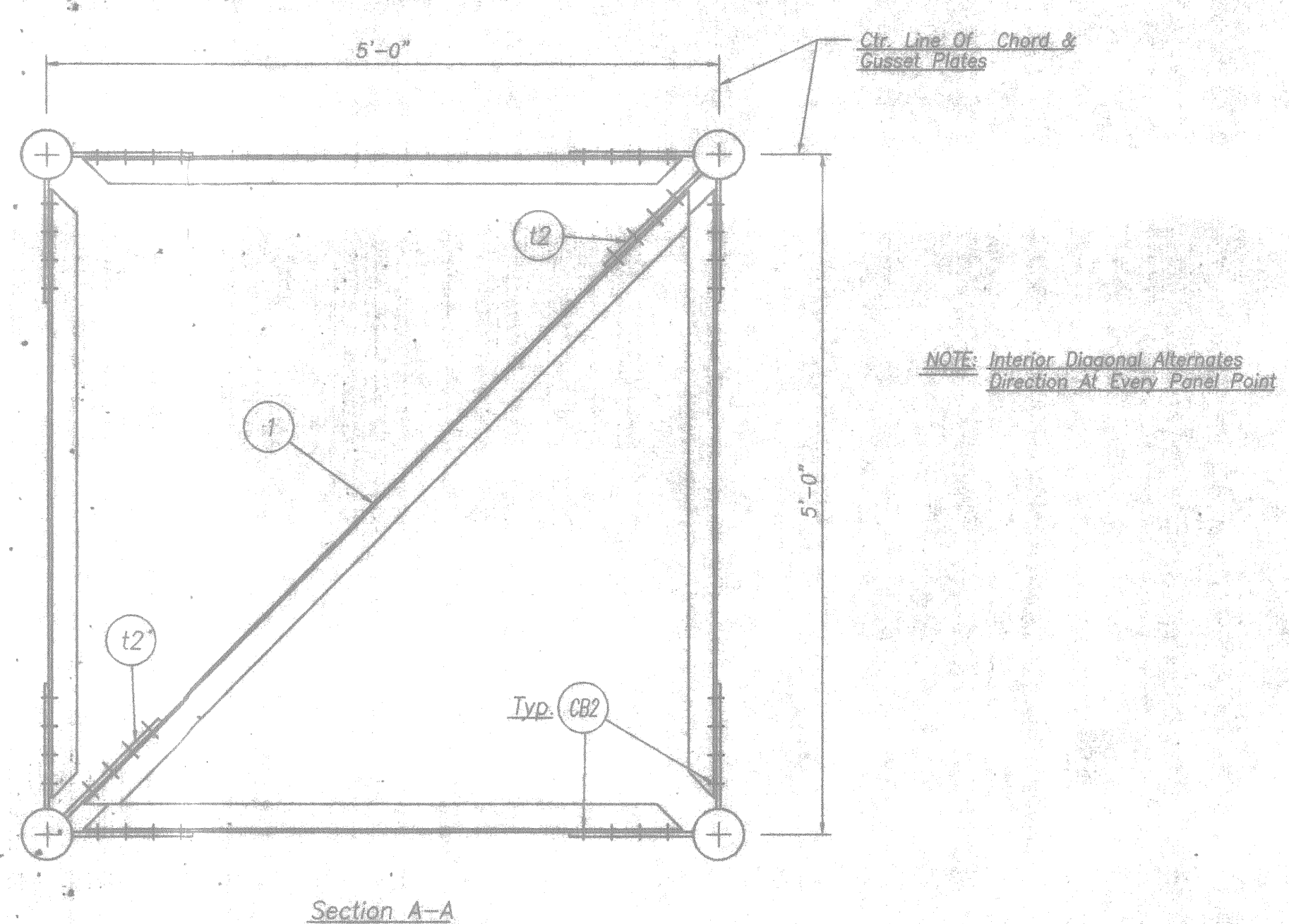
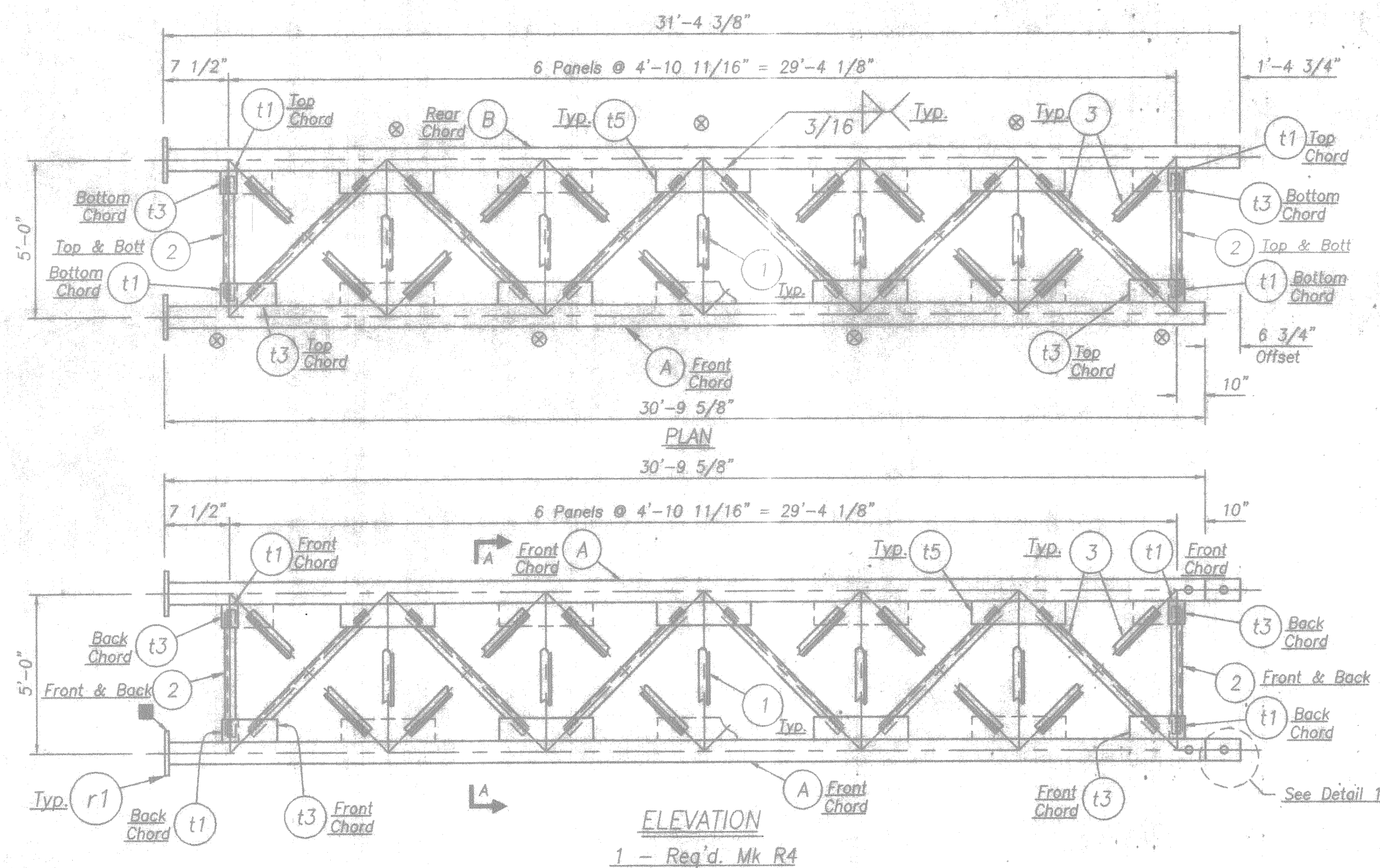
P.O. Box 406- Brookfield, Missouri 64628- (660)258-2214

Customer	Time, Inc.
Project	STPS 1998 (489) City Of Green Bay, WI
Description	Fabrication Details Of Sign Bridge For Str. S-5-57
Printed For	Wisconsin
Drawn By	JW
Date	8/14/98
Checked By	C.R.
Date	9/3/98
Job No.	WI-6492
Rev.	

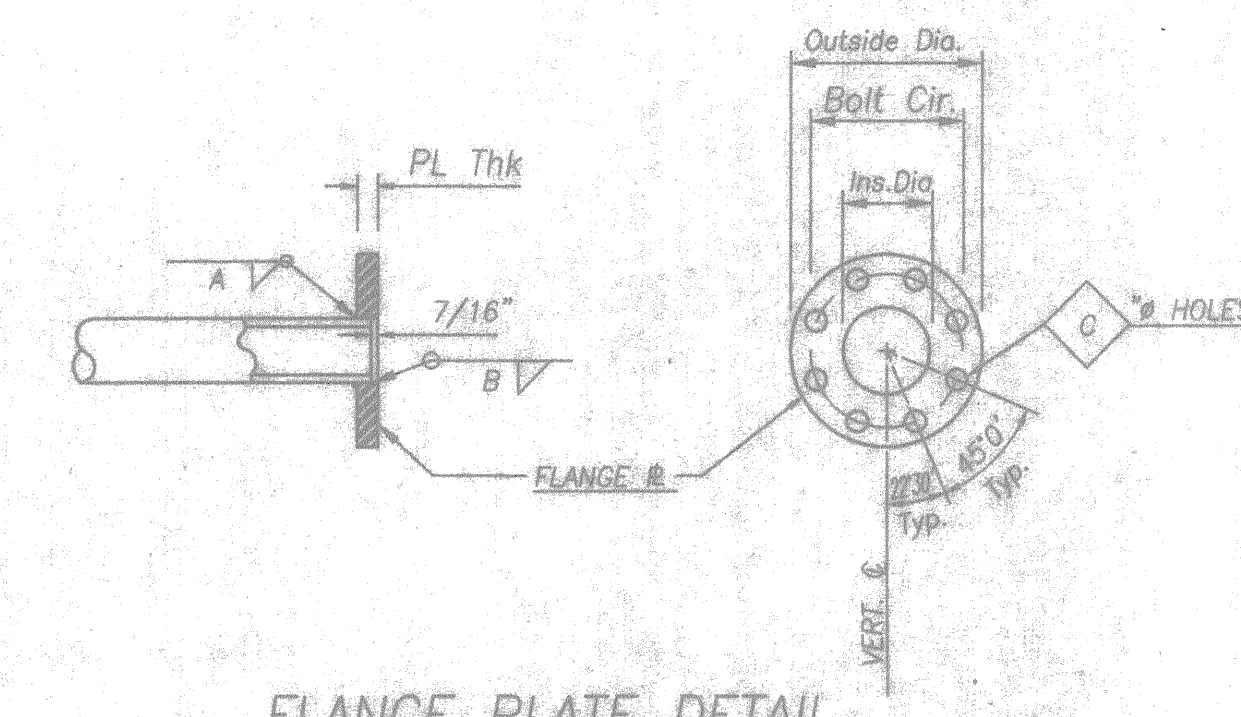
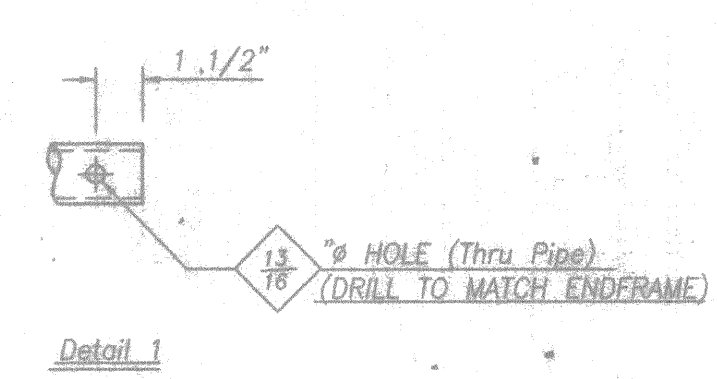
SH# 5 OF 11



BILL of MATERIAL				
QTY.	MK	Description	Length	Remark
2	L4A	5.563" O.D. x .258" W PIPE	30'-9 5/8"	
2	L4B	do	30'-9 3/16"	
4	C4A	do	40'-3 5/8"	
2	R4A	do	30'-9 3/16"	
2	R4B	do	31'-3 15/16"	
16	r1	PL 1" x 11 1/4" DIA.		
64	FB1	3/4" x 3 1/4" H.S. HEX BOLT & NUT W/ 2 FLAT WA.		



Truss MK	HORSE SPACING	MIN. CAMBER	SPAN	A	B	C	D	E
L4/C4/R4	9 HORSES SPA @ 10'-3 1/8"	1 7/8"	102'-6 15/16"	1'-7 7/8"	1'-8 1/2"	1'-9"	1'-9 1/4"	1'-9 3/8"



Qty.	MK	Outside Dia.	Bolt Circle	Inside Dia.	Plate Thickness	A	B	C
16	r1	11 1/4"	8 1/4"	5 5/8"	1"	1/4	1/4	13/16"

NOTE: For Angle Braces, Conn. Hardware, & Tab Plates, See Sh. No. 7

Stamp Truss Section Mk No.'s On The Top Of The Bottom Front Flange

Material Specs:

Steel Pipe Shall Be API Spec 5L x 42 FY=42,000 P.S.I.

All Other Steel - A.S.T.M. A709, Gr.36

Galv. Steel Per A.S.T.M. A123

U.S. Hardware To Be A.S.T.M. A325

Galv. Hardware Per A.S.T.M. A153, Class C

PRINTS ISSUED				REVISIONS			
FOR	NO.	DATE	DESCRIPTION	FOR	NO.	DATE	DESCRIPTION

Brookfield Fabricating Corp

P.O. Box 406- Brookfield, Missouri 64628- (860)258-2214

Customer: Timine, Inc.

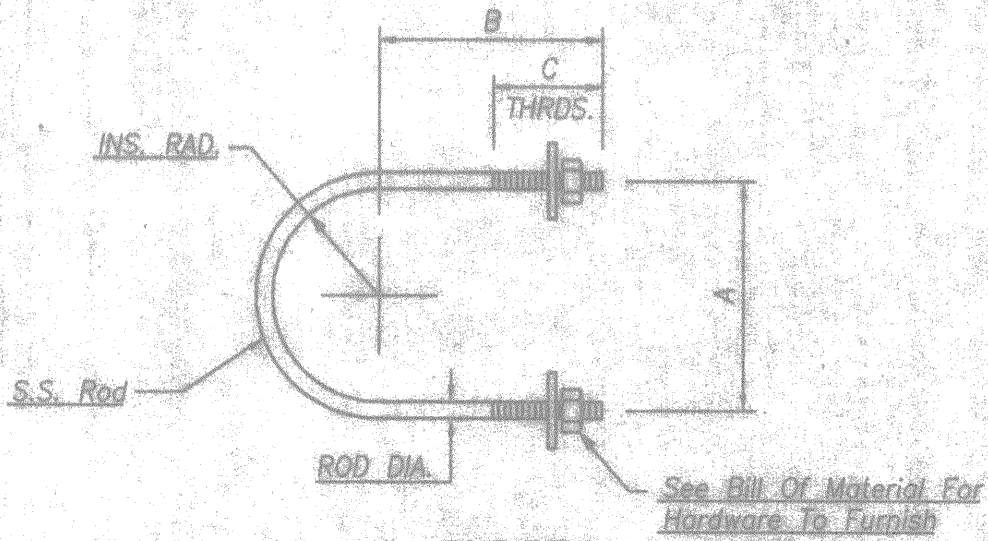
Project: STPG 1998: (489)
City Of Green Bay, WI

Description: Fabrication Details Of Sign Bridge
For Str. S-5-58

Printed For: Wisconsin
Drawn By: JW
Date: 8/17/98
Checked By: C.R.
Date: 9/3/98
Job No: W-0492
Rev: SH# 6 OF 11

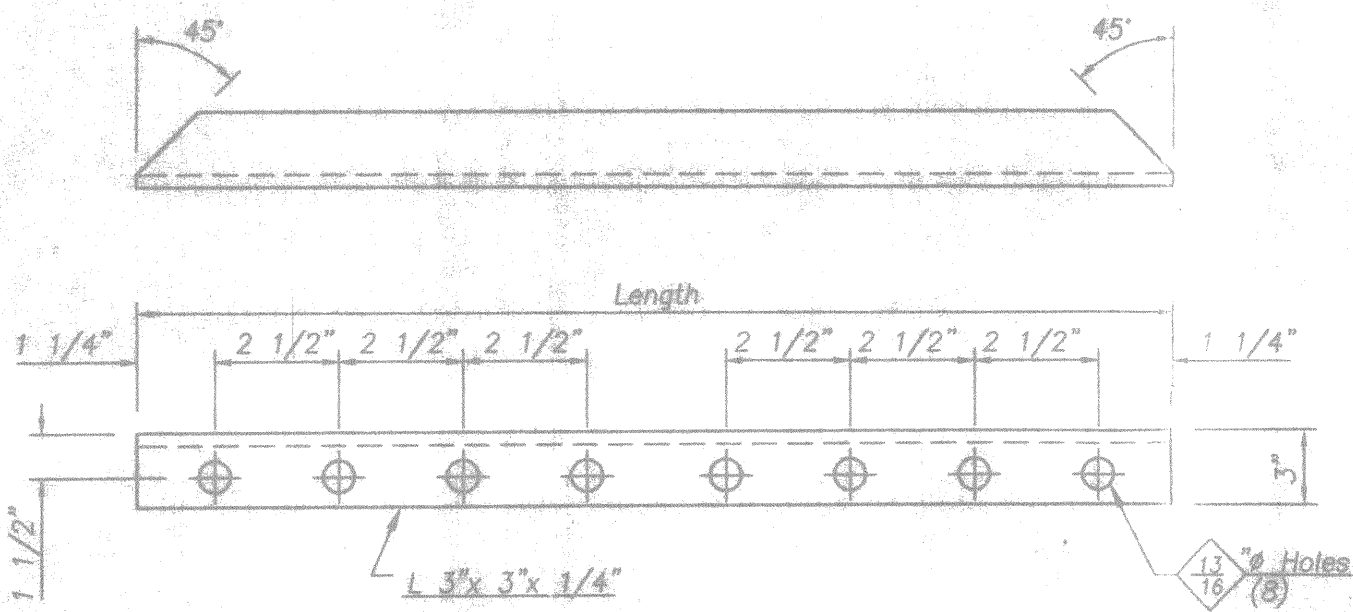
BILL of MATERIAL

QTY.	MK	Description	Length	Remark
90	1	L 3" x 3" x 1/4"	6'-2 13/16"	
96	2	do	4'-5 7/16"	
156	3	do	6'-0"	
84	4	do	6'-0 3/16"	
72	5	do	5'-11 7/8"	
3984	CB2	3/4" x 2" H.S. HEX BOLT & NUT W/2	PLAT WA	
96	t1	FB 6 1/2" x 3/8"	0'-10 1/2"	
180	t2	do	1'-0 1/4"	
72	t3	PL 3/8" x 10 1/2"	1'-1 9/16"	
24	t4	do	1'-1 1/2"	
204	t5	FB 9" x 3/8"	1'-11 1/8"	
60	t6	do	1'-11"	
84	U1	1/2" S.S. U-BOLT W/2	EX NUTS & PLAT WA	



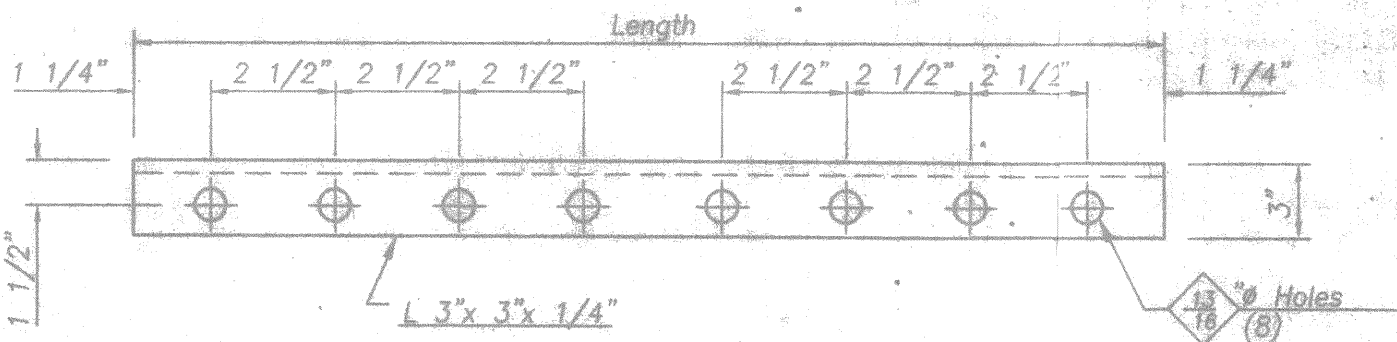
U - BOLT DETAIL

QTY.	MK	ROD DIA.	A	B	C	ROD LENGTH	INS. RAD.	CONNECTION
84	U1	1/2"	6 1/4"	4 1/4"	1 1/2"	1'-8 1/4"	2 7/8"	Existing Sign Supp't To Truss



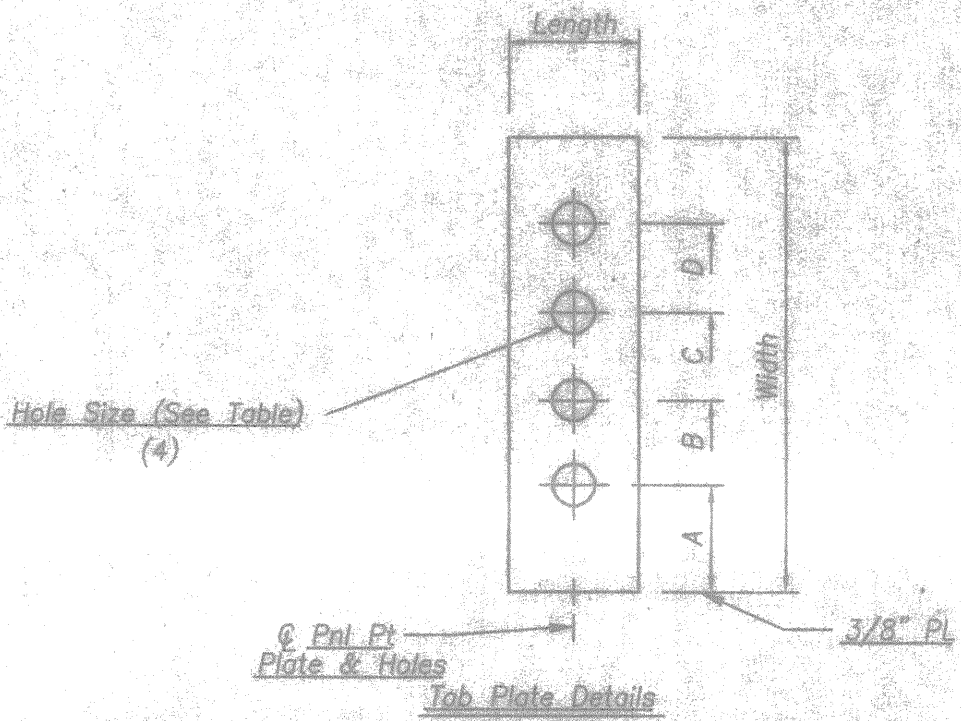
Angle Detail

Qty.	MK	Length
90	1	6'-2 13/16"
96	2	4'-5 7/16"



Angle Detail

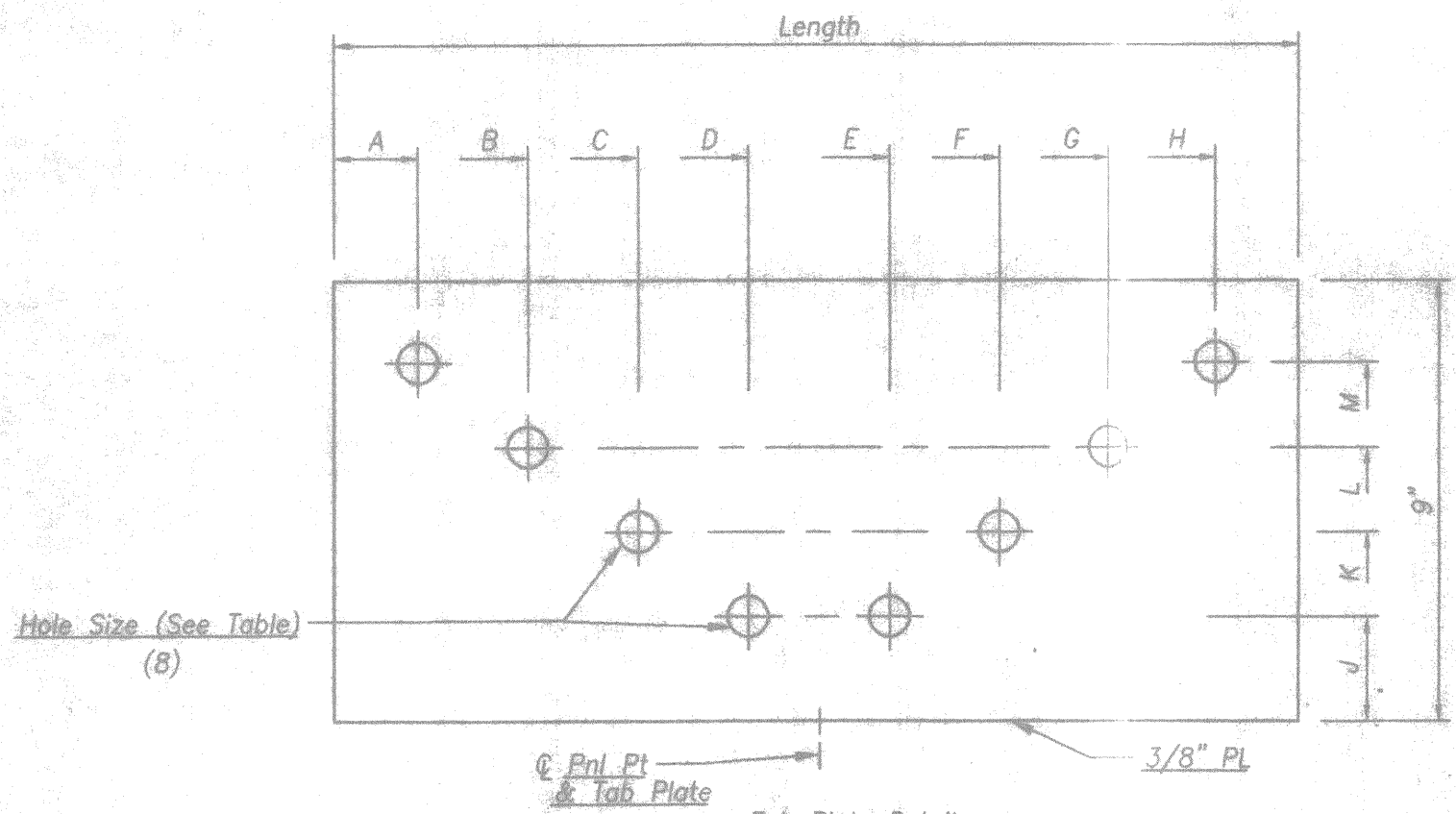
Qty.	MK	Length
156	3	6'-0"
84	4	6'-0 3/16"
72	5	5'-11 7/8"



Qty.	MK	Length	Width	A	B	C	D	Hole Size
96	t1	6 1/2"	10 1/2"	1 3/4"	4 1/4"	6 3/4"	9 1/4"	13/16"
180	t2	6 1/2"	1'-0 1/4"	3 1/2"	6"	8 1/2"	11"	13/16"

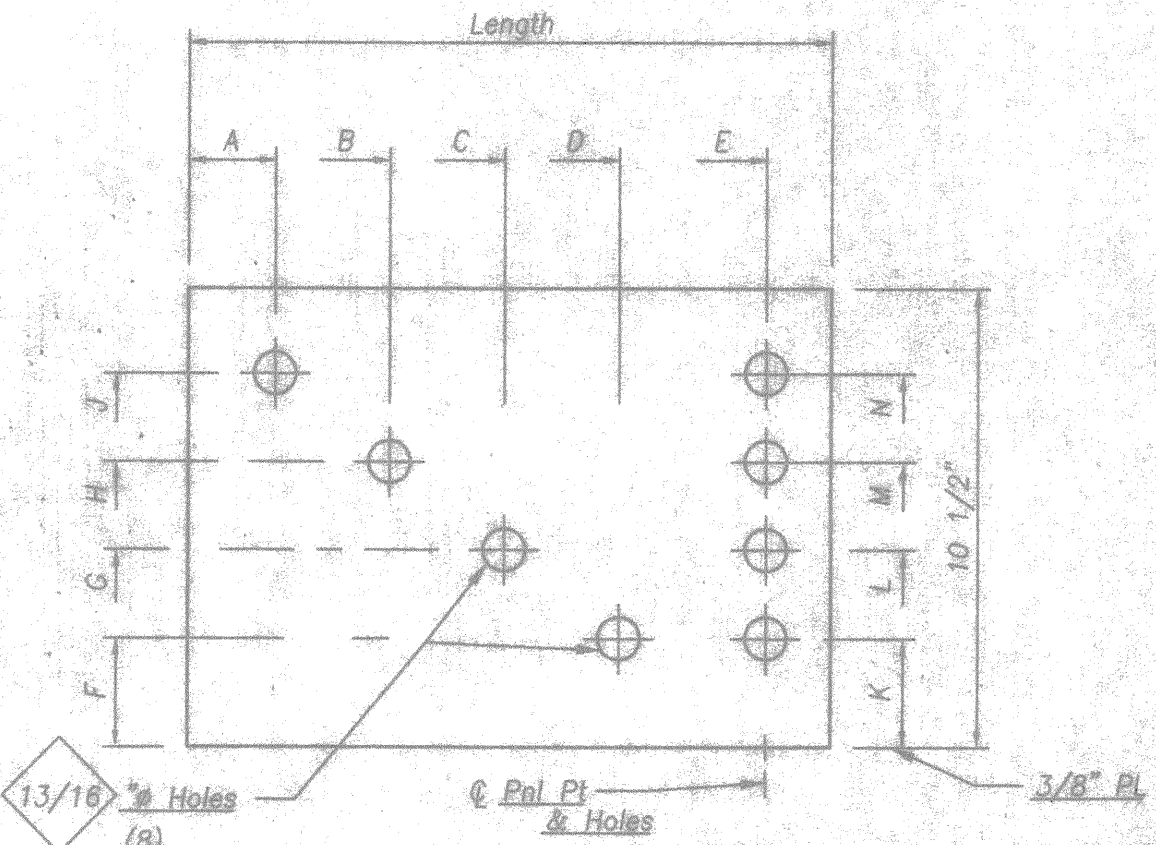
Material Specs

All Steel - A.S.T.M. A709, Gr 36
Galv. Steel Per A.S.T.M. A123
High Strength Bolts, Nuts, & Washers - A.S.T.M. A325
Galv. Bolts, Nuts, & Washers Per A.S.T.M. A153
Stainless Steel Bolts & U-Bolts To Be A.S.T.M. A276 And
Any Type In The 300 Series Having A Minimum Yield
Strength Of 40,000 P.S.I. And A Minimum Elongation In Two Inches
Of 15 Percent. The Bolt Heads Shall Conform To ANSI Finished Hexagon
ANSI Specification B 18.2.1. Threads Shall Conform To The Standards
Of Class 2A Or 2B
Stainless Steel Nuts To Be A.S.T.M. A194, Grade B, BC, BT or BF
The Nuts Shall Conform To ANSI Finished Hexagon
ANSI Specification B 18.2.2. Threads Shall Conform To The Standards
Of Class 2A Or 2B
Stainless Steel Washers To Be A.S.T.M. A240, Type 302, 304, 304L, 305 or 309



Tab Plate Details

Qty.	MK	Length	A	B	C	D	E	F	G	H	J	K	L	M	Hole Size
204	t5	1'-11 1/8"	1 1/4"	3"	4 3/4"	6 1/2"	1'-4 5/8"	1'-6 3/8"	1'-8 1/8"	1'-9 7/8"	2 3/8"	4 3/16"	5 15/16"	7 3/4"	13/16"
60	t6	1'-11"	1 1/4"	3"	4 3/4"	6 1/2"	1'-4 1/2"	1'-6 1/4"	1'-8"	1'-9 3/4"	2 3/8"	4 3/16"	5 15/16"	7 3/4"	13/16"



Tab Plate Details

Qty.	MK	Length	A	B	C	D	E	F	G	H	J	K	L	M	N
72	t3	1'-1 9/16"	1 1/4"	3"	4 3/4"	6 1/2"	11 9/16"	2 3/8"	4 3/16"	5 15/16"	7 3/4"	1 3/4"	4 1/4"	6 3/4"	9 1/4"
24	t4	1'-1 1/2"	1 1/4"	3"	4 3/4"	6 1/2"	11 1/2"	2 3/8"	4 3/16"	5 15/16"	7 3/4"	1 3/4"	4 1/4"	6 3/4"	9 1/4"

Brookfield Fabricating Corp

P.O. Box 406- Brookfield, Missouri 64628- (660)258-2214

Customer

Timme, Inc.

Project

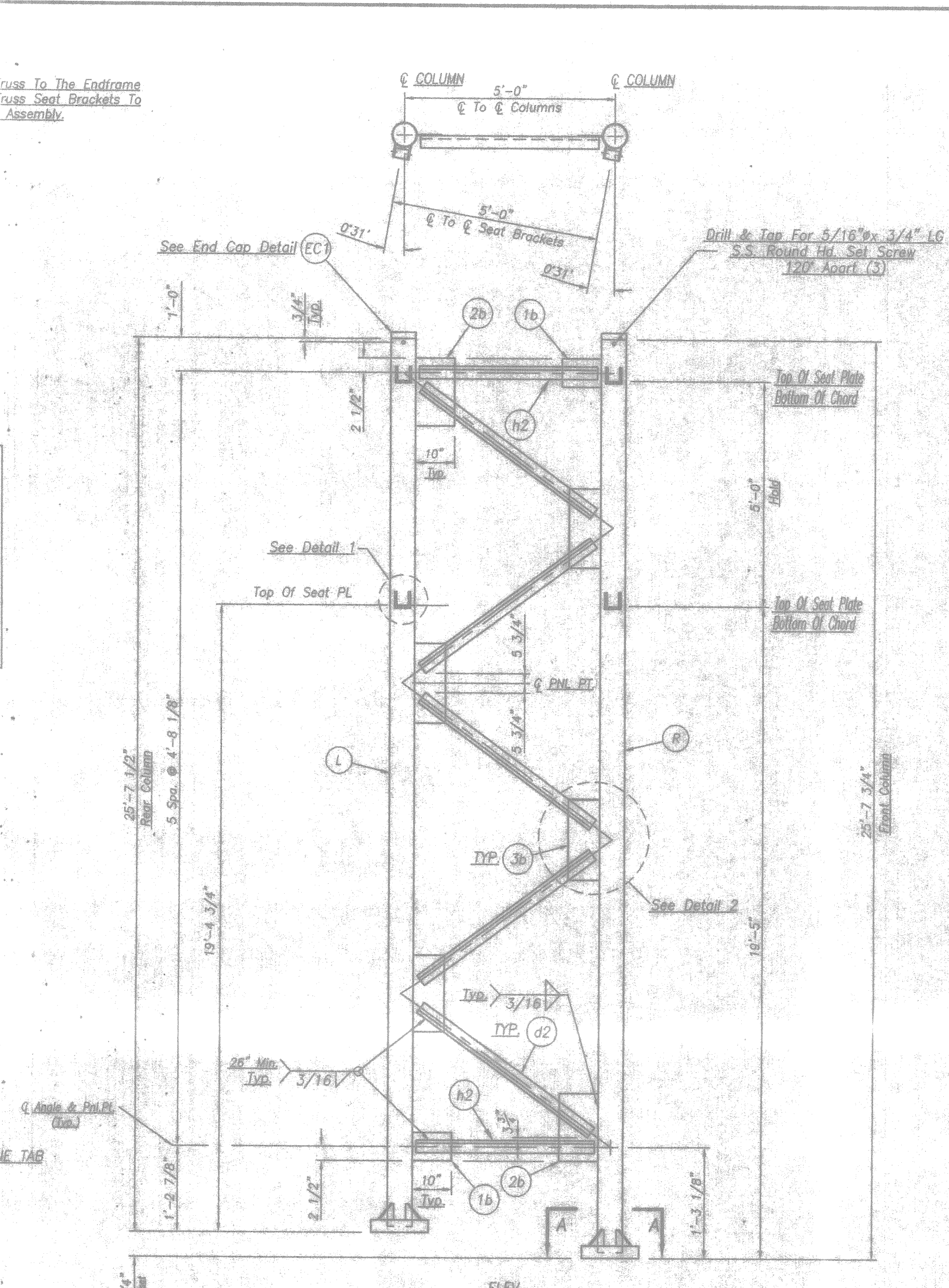
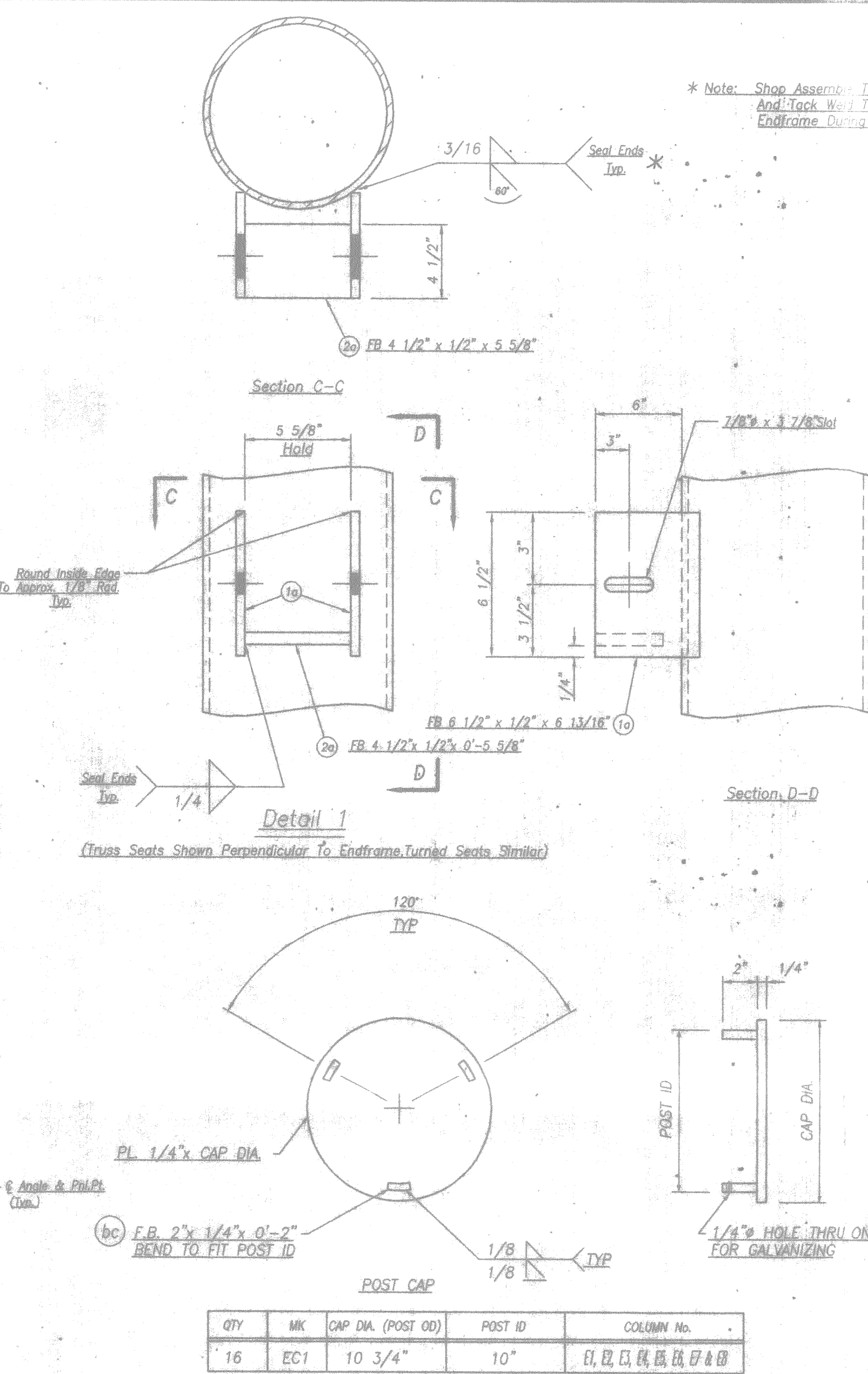
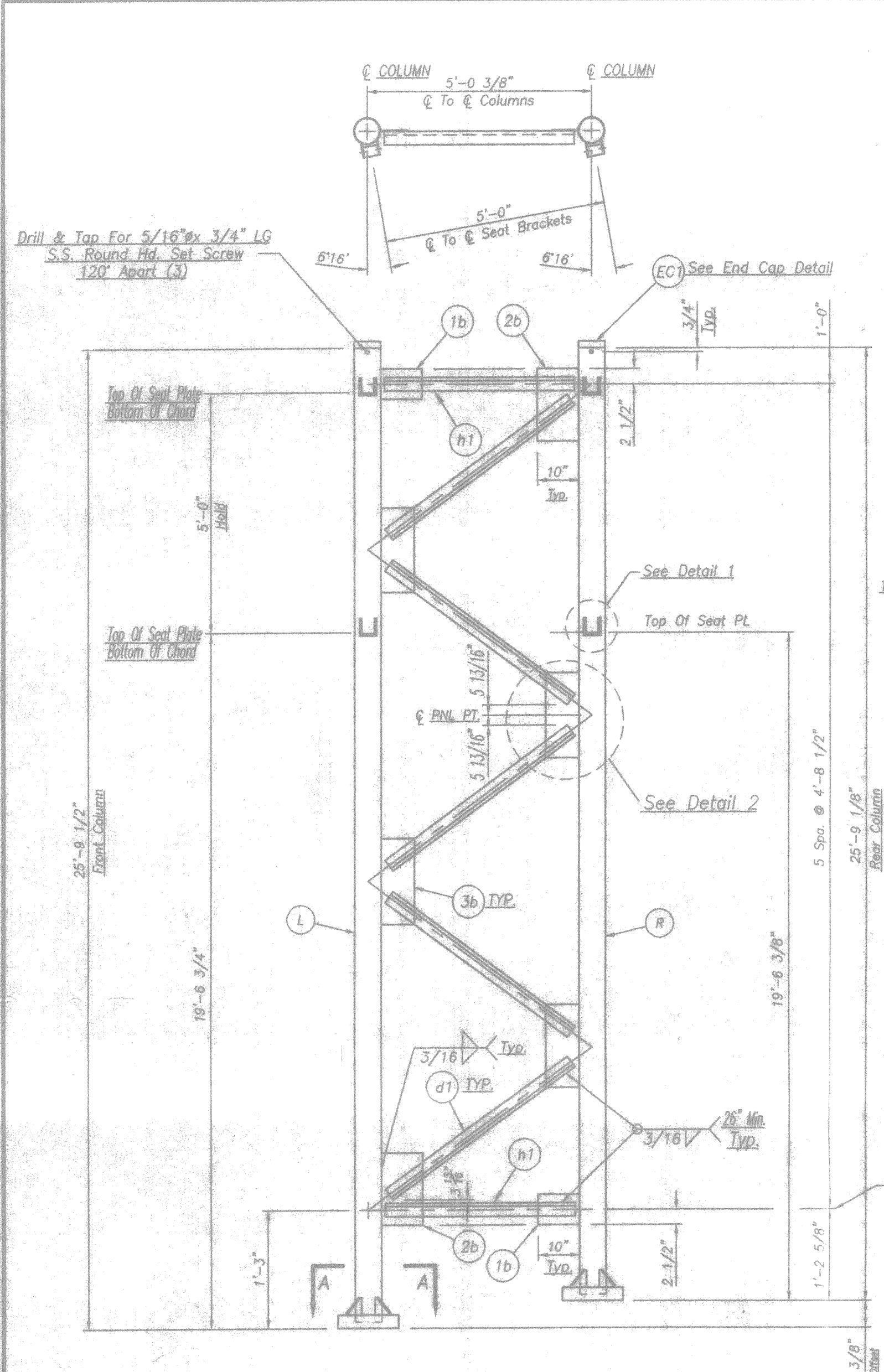
STPG 1998(489)
City Of Green Bay, WI

Description

Fabrication Details Of Connection Plates, Bracing Angles & U-Bolts

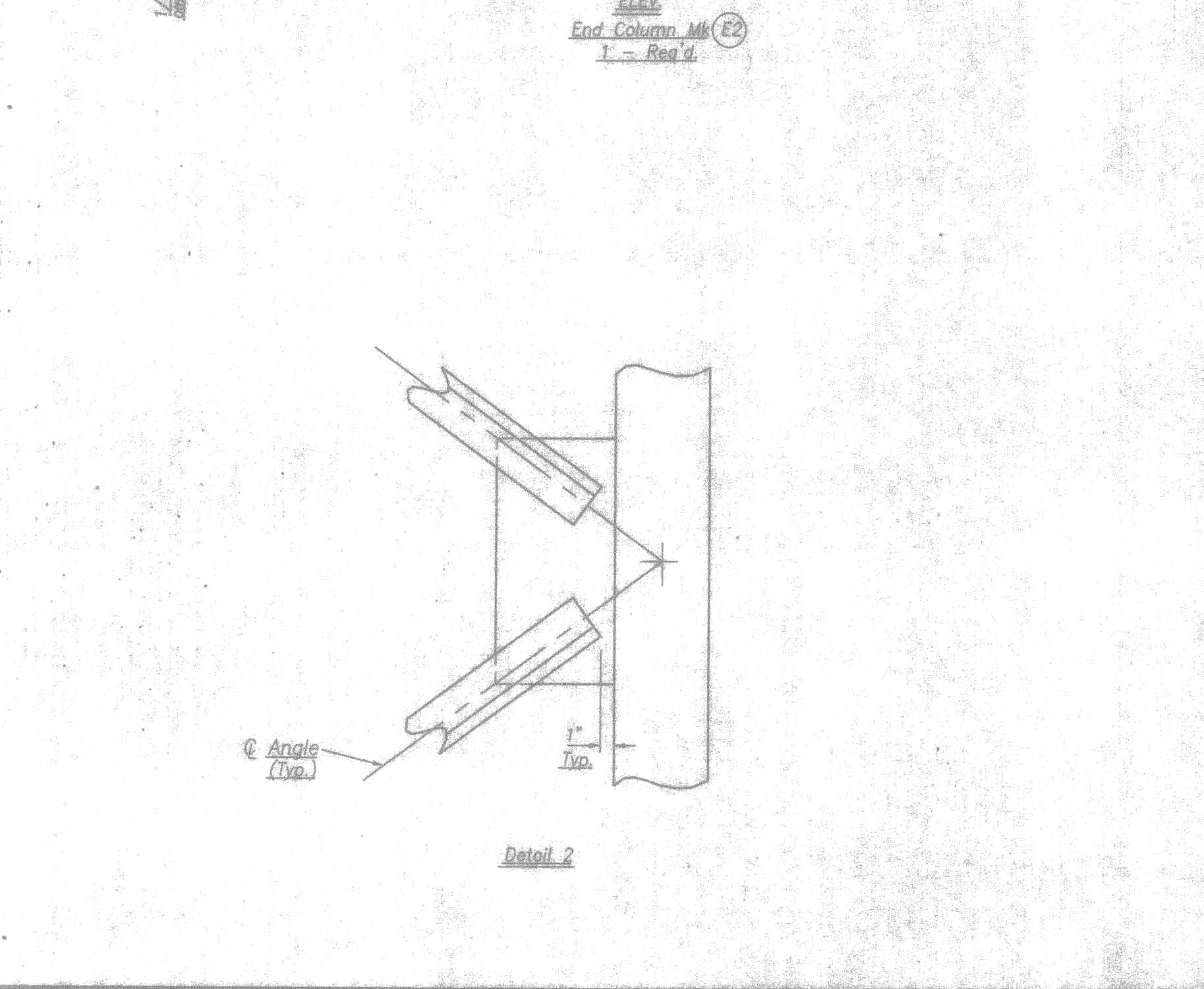
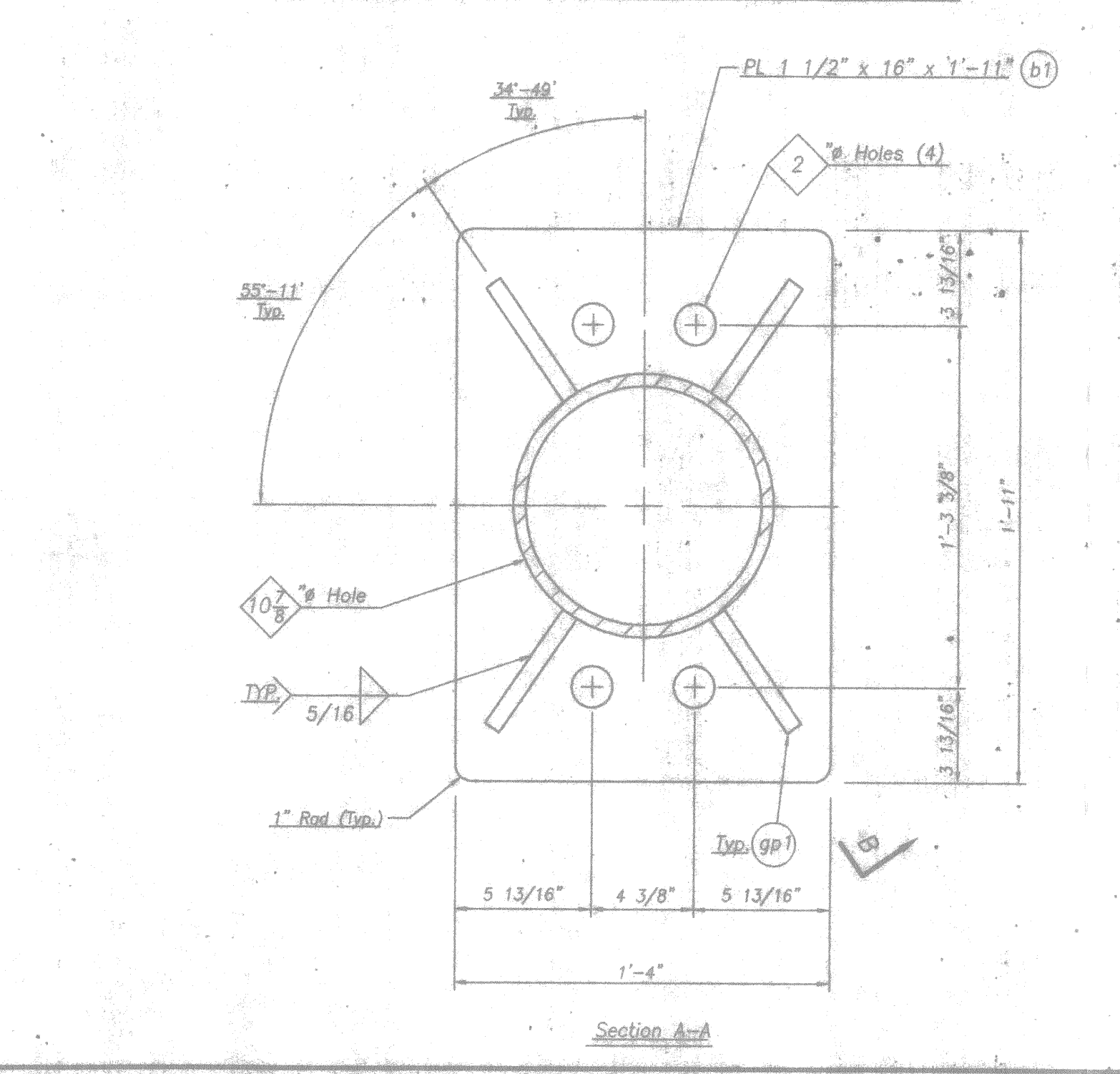
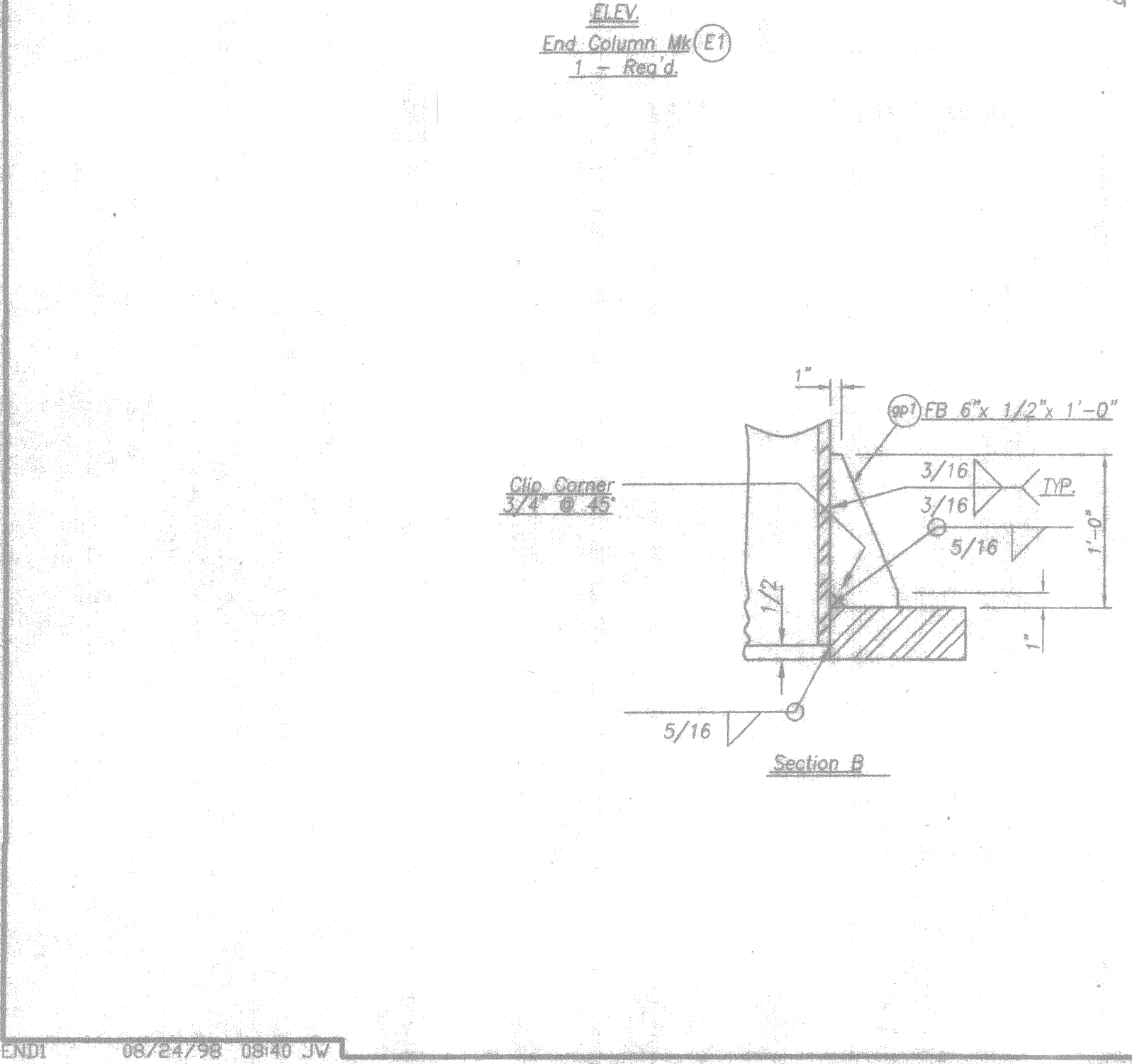
Sheet 7 OF 11

Printed For	Drawn By	Date	Checked By	Scale	Job No.	Rev.
Wisconsin	JW	8/19/98	C.R.	9/3/98	WI-6492	



BILL of MATERIAL

QTY.	MK	Description	Length	Remarks
1	E1L	10 3/4" O.D. x .365" W	25'-9"	
1	E1R	do	25'-8 5/8"	
1	E2L	do	25'-7"	
1	E2R	do	25'-7 1/4"	
5	d1	L 4" x 4" x 3/8"	5'-1 1/2"	
5	d2	do	5'-0 15/16"	
2	h1	do	3'-11 5/8"	
2	h2	do	3'-11 1/4"	
4	b1	PL 1 1/2" x 16"	1'-11"	
16	gp1	FB 6" x 1/2"	1'-0"	
16	1a	FB 6 1/2" x 1/2"	0'-6 13/16"	
8	2a	FB 4 1/2" x 1/2"	0'-5 5/8"	
4	1b	PL 3/8" x 10"	1'-1"	
4	2b	do	2'-2"	
8	3b	do	2'-4"	
16	EC1	PL 1/4" x 10 3/4" DIA.		
48	bc	FB 2" x 1/4"	0'-2"	
48	End Cap Screws	5/16" x 3/4" S.S. Rd. Hd. Set Screw		
8	CB1	3/4" x 8" H.S. Hex Bolt & Nut W/ 1/2 Flat Wa.		



Material Specs:
 Steel Pipe Shall Be API Spec 5L X 42 FY=42,000 P.S.I.
 All Other Steel - A.S.T.M. A709, Gr.36
 Galv. Steel Per A.S.T.M. A123
 H.S. Hardware To Be A.S.T.M. A325
 Galv. Steel Per A.S.T.M. A133

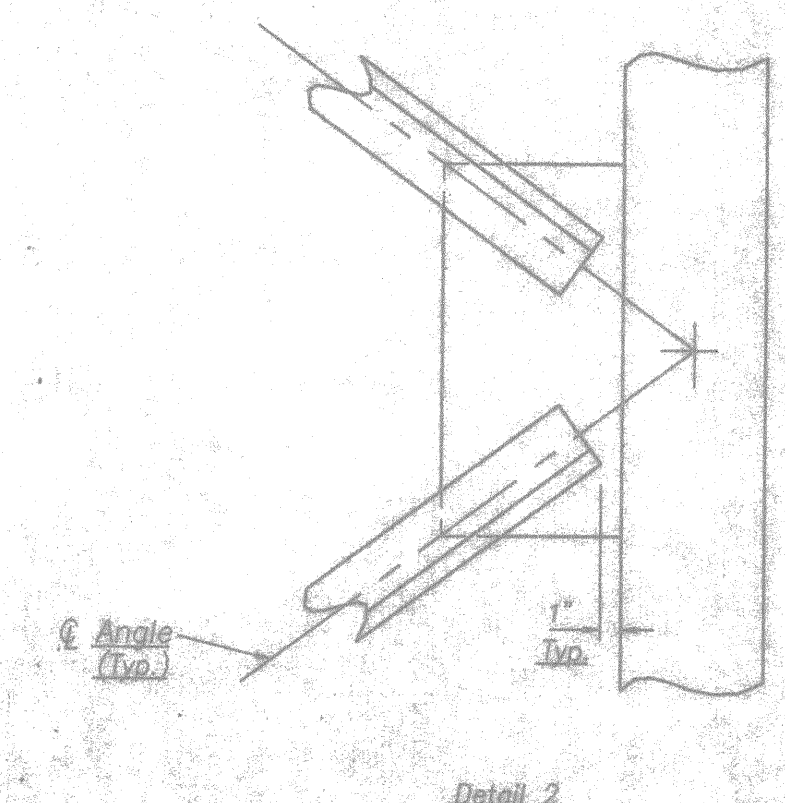
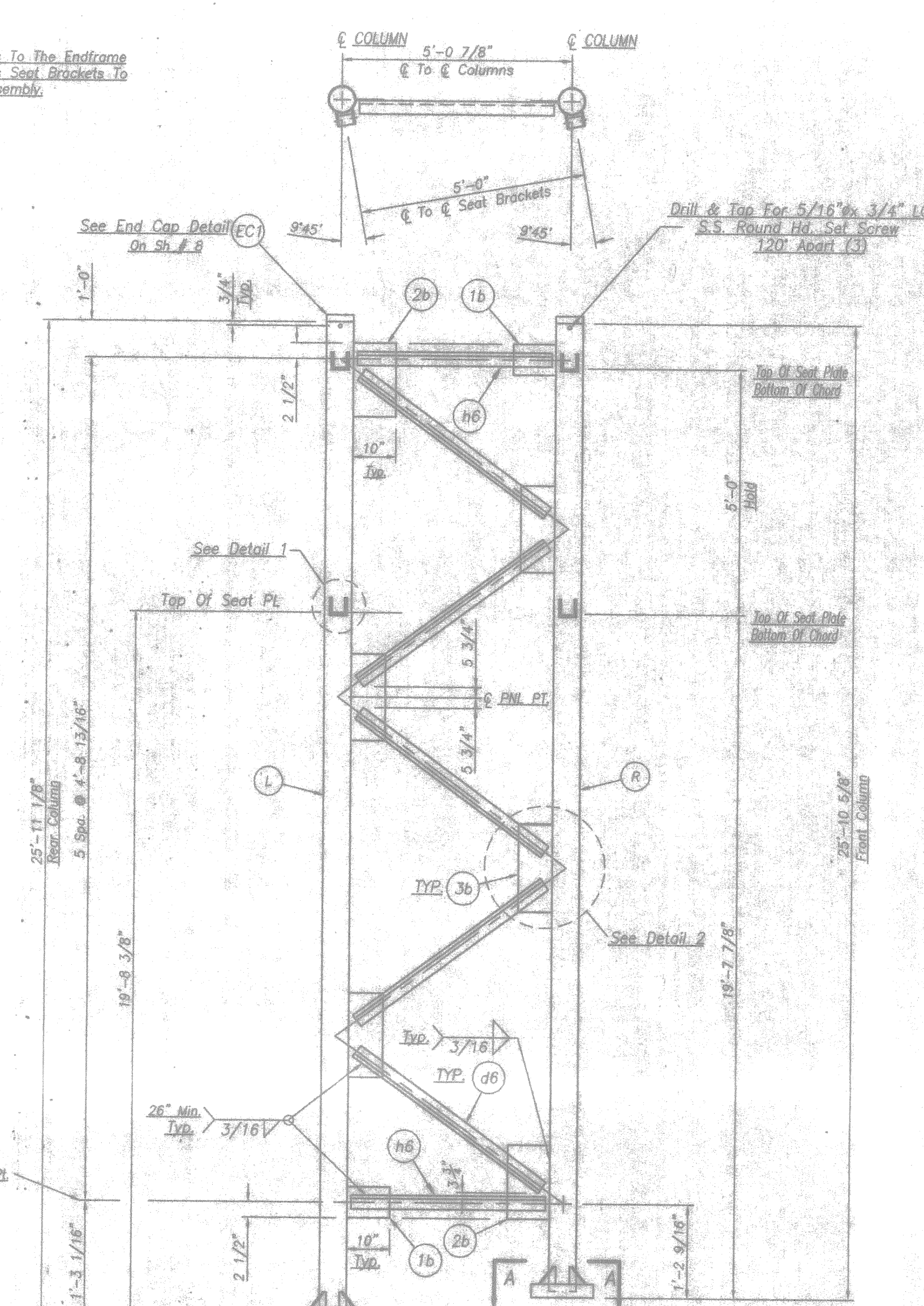
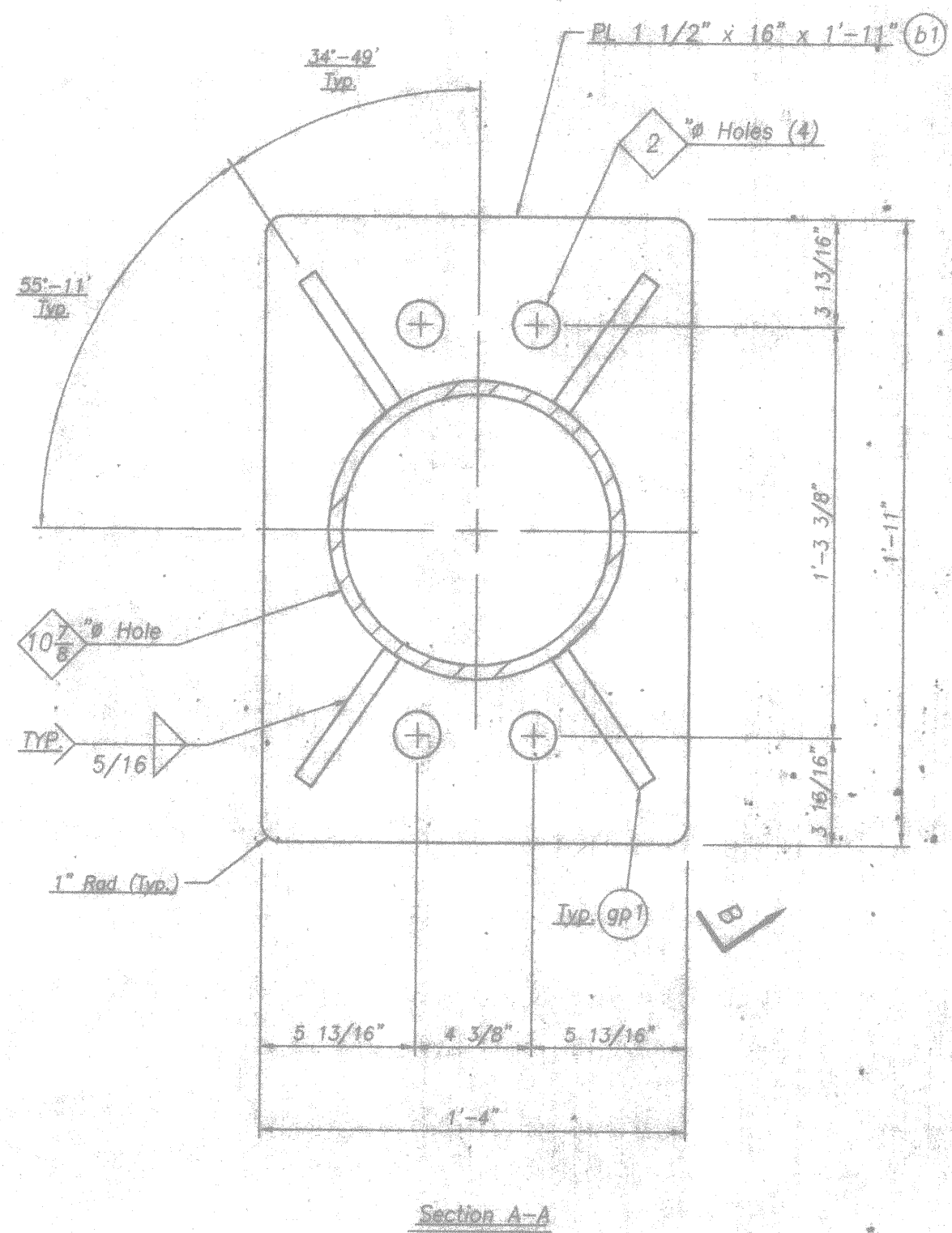
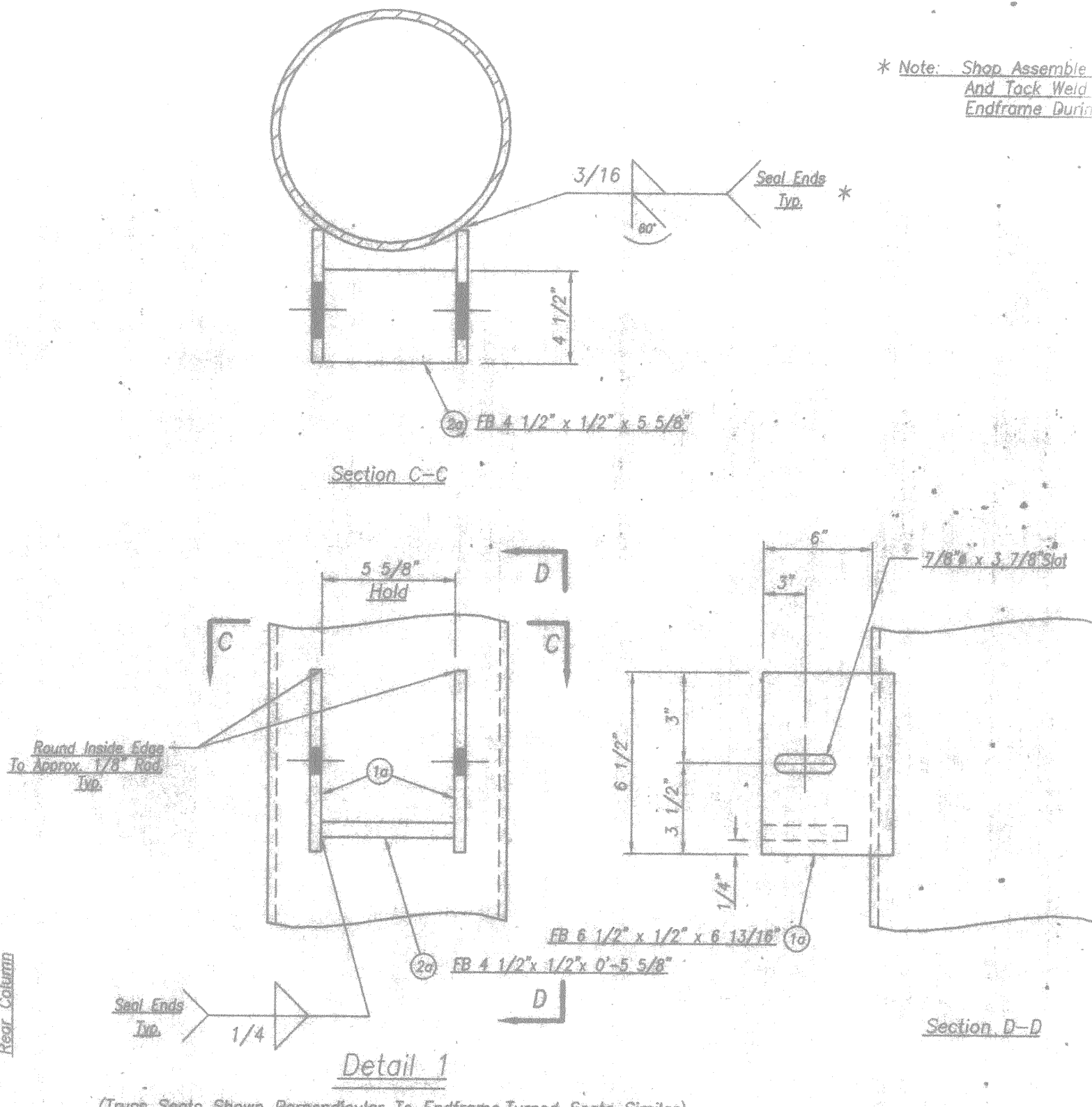
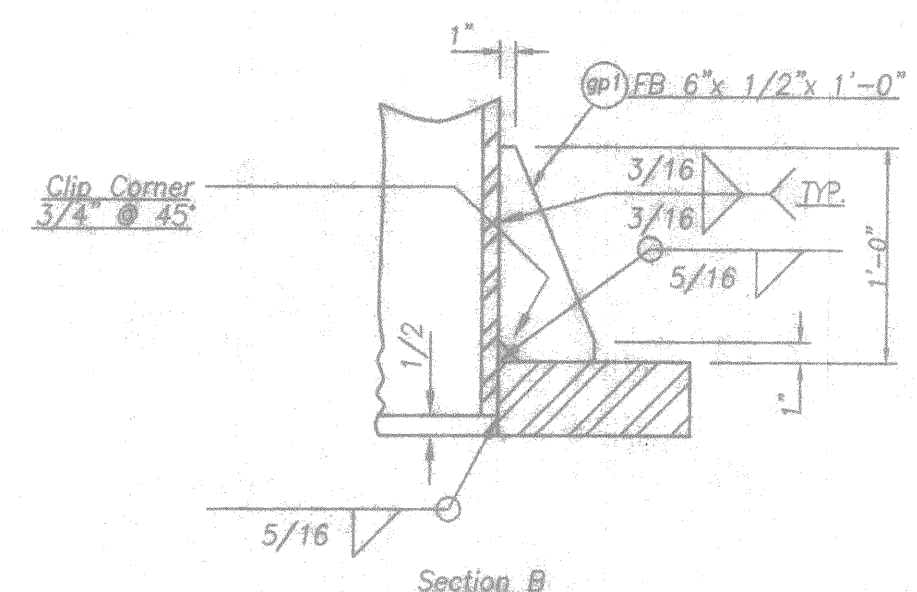
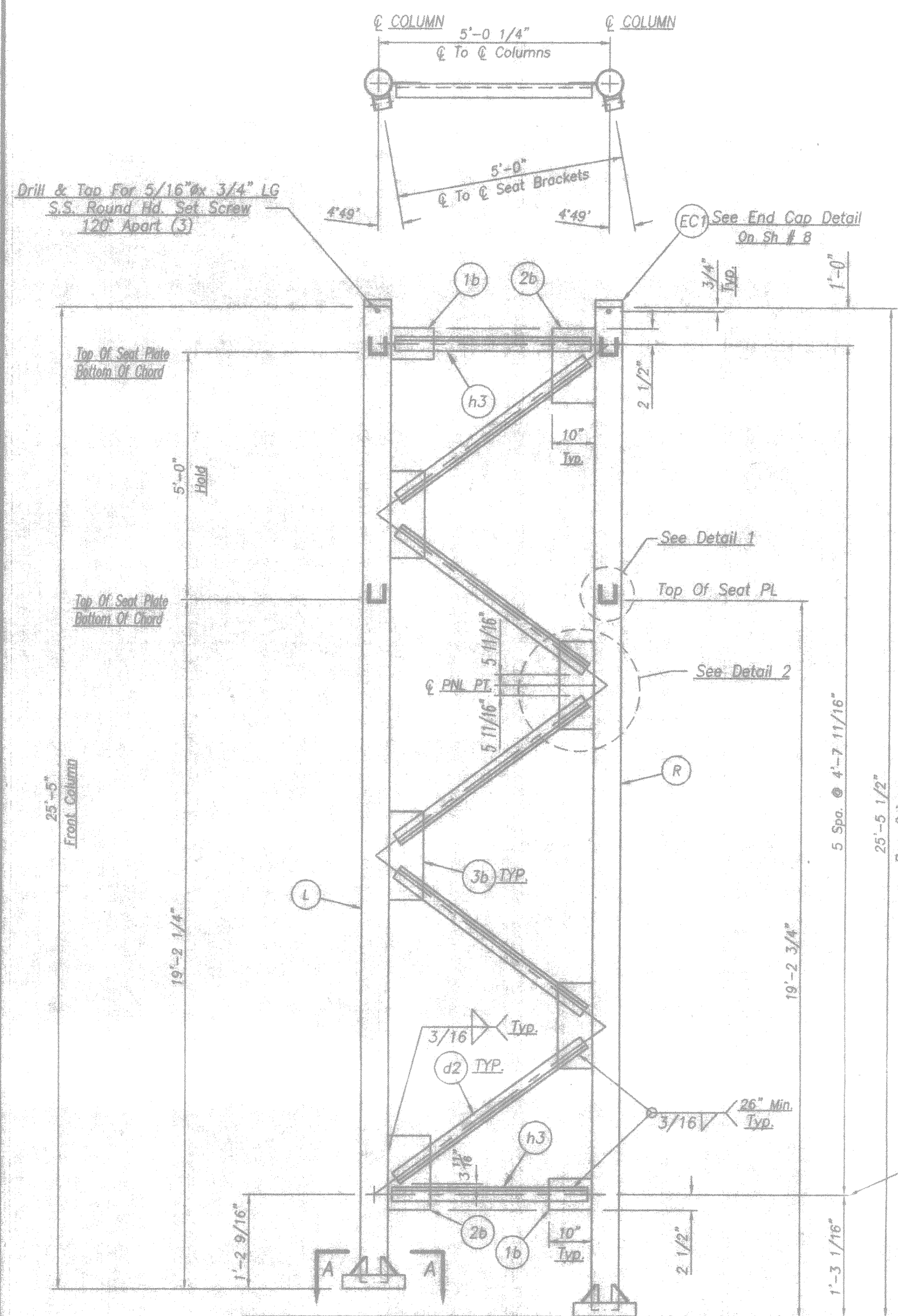
PRINTS ISSUED				REVISIONS			
FOR	NO.	DATE	FOR	NO.	DATE	NO.	DESCRIPTION

Brookfield Fabricating Corp
 P.O. Box 406 - Brookfield, Missouri 64628 - (660)258-2214

Customer: Timme, Inc.
 Project: STPG 1988 (489) Mason Street City of Green Bay WI
 Description: Fabrication Details Of End Columns For Str S-5-55

Drawn For	Drawn By	Date	Checked By	Date	Job No.	Rev.
Wisconsin	JW	8/24/98	C.R.	9/3/98	WF-6492	

SH# 8 OF 11



BILL of MATERIAL

QTY.	MK	Description	Length	Remarks
1	ESL	10 3/4" O.D. x .365" W	25'-4 1/2"	
1	ESR	do	25'-5"	
1	E6L	do	25'-10 5/8"	
1	E6R	do	25'-10 1/8"	
5	d2	L 4" x 4" x 3/8"	5'-0 15/16"	
5	d6	do	5'-2 1/8"	
2	h3	do	3'-11 1/2"	
2	h6	do	4'-0 1/8"	
4	b1	PL 1 1/2" x 16"	1'-11"	
16	gb1	FB 6" x 1/2"	1'-0"	
16	1a	FB 6 1/2" x 1/2"	0'-6 13/16"	
8	2a	FB 4 1/2" x 1/2"	0'-5 5/8"	
4	1b	PL 3/8" x 10"	1'-1"	
4	2b	do	2'-2"	
8	3b	do	2'-4"	
8	CB1	3/4" x 8" H.S. Hex Bolt & N1 W/2 Flat Wd.		

Material Specs:
 Steel Pipe Shall Be API Spec 5L x 42 FY=42,000 P.S.I.
 All Other Steel - A.S.T.M. A708, Gr. 36
 Galv. Steel Per A.S.T.M. A123
 H.S. Hardware To Be A.S.T.M. A325
 Galv. Steel Per A.S.T.M. A153

PRINTS ISSUED				REVISIONS			
FOR	NO.	DATE	FOR	NO.	DATE	NO.	DATE

Brookfield Fabricating Corp
 P.O. Box 406 - Brookfield, Missouri 64626 - (660)258-2214

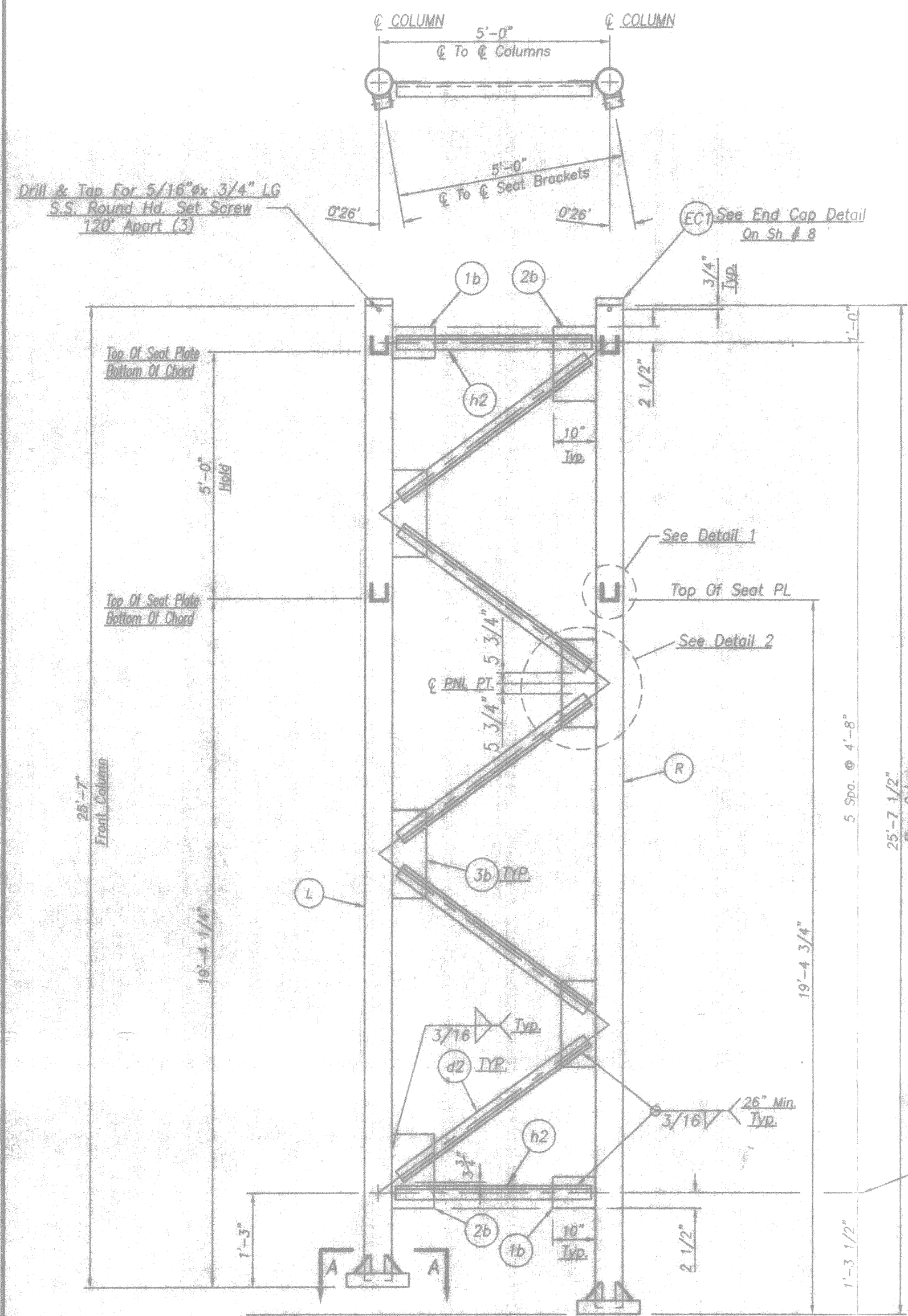
Customer: **Timco, Inc.**

Project: **STPG-1998 (488) Mason Street City Of Green Bay, WI**

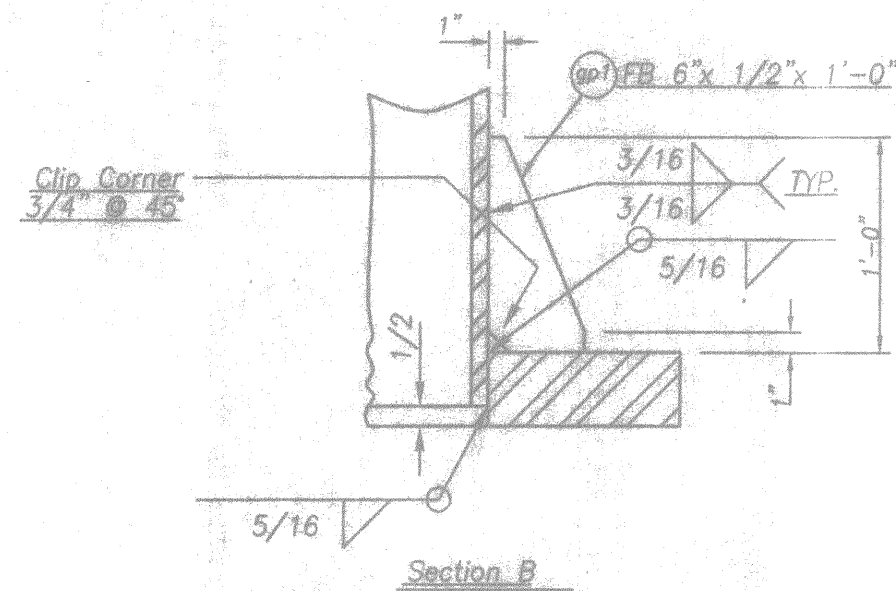
Description: **Fabrication Details Of End Columns For Str S-5-57**

Printed For: **Wisconsin** Drawn By: **JW** Date: **8/25/98** Checked By: **C.R.** Date: **9/3/98** Job No.: **WI-6482** Rev:

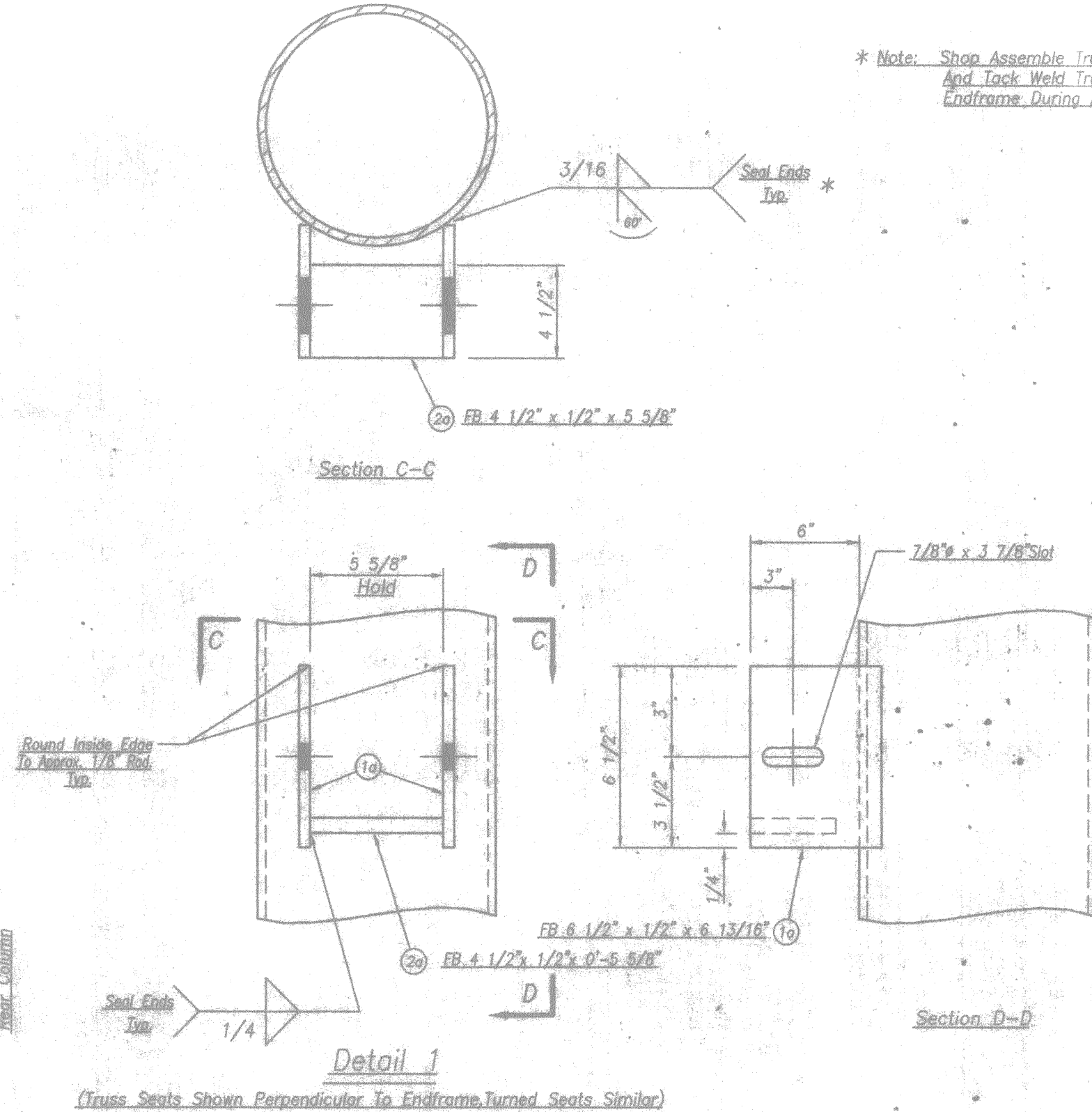
SH# 10 OF 11



ELEV.
End Column Mk (E7)
1 - Req'd.

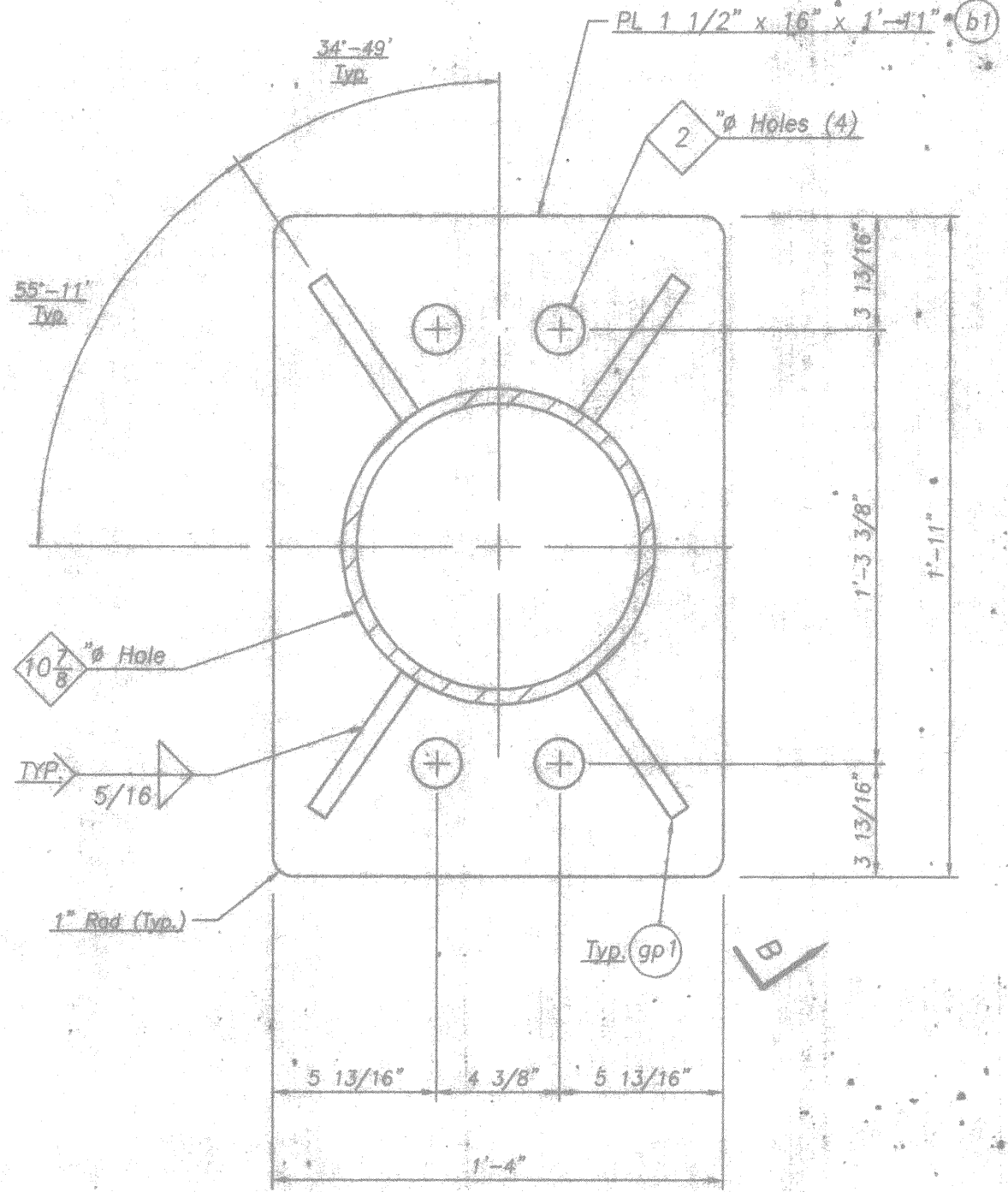


Section B



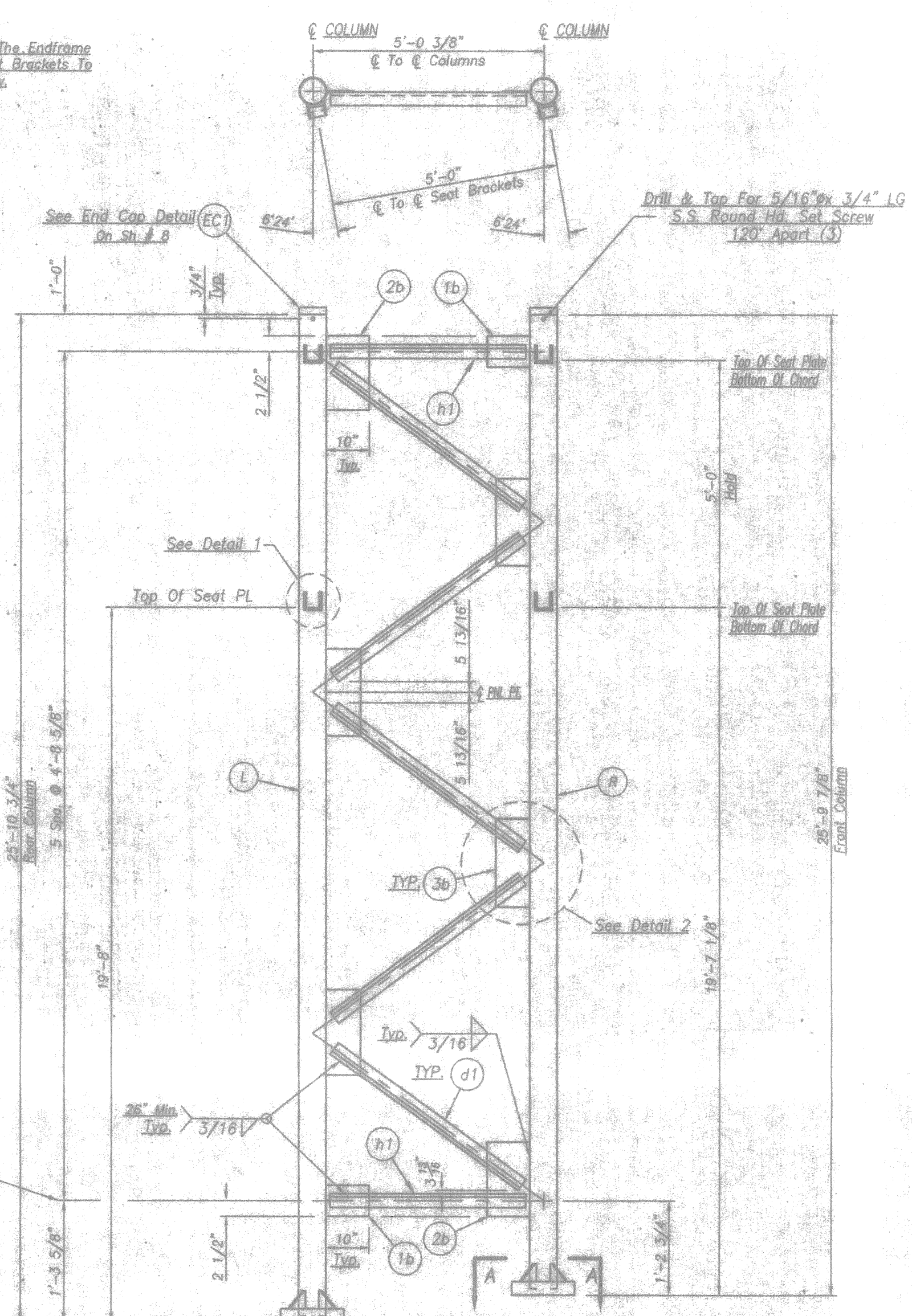
Detail 1

(Truss Seats Shown Perpendicular To Endframe Turned Seats Similar)

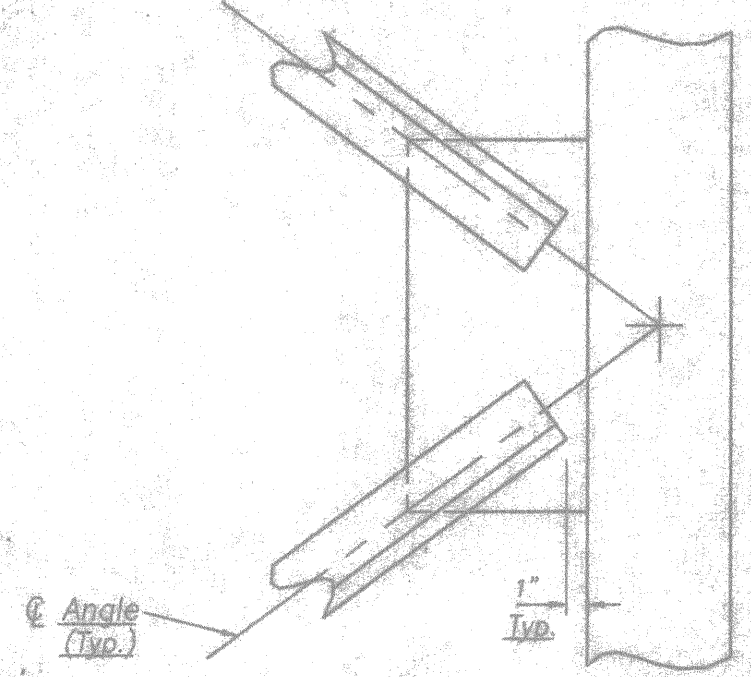


Section A-A

* Note: Shop Assemble Truss To The Endframe And Tack Weld Truss Seat Brackets To Endframe During Assembly.



ELEV.
End Column Mk (E8)
1 - Req'd.



Detail 2

BILL of MATERIAL

QTY.	MK	Description	Length	Remarks
1	E7L	10 3/4" O.D. x .365" W	25'-6 1/2"	
1	E7R	do	25'-7"	
1	E8L	do	25'-10 1/4"	
1	E8R	do	25'-9 3/8"	
5	d2	L 4" x 4" x 3/8"	5'-0 15/16"	
5	d1	do	5'-1 1/2"	
2	h2	do	3'-11 1/4"	
2	h1	do	3'-11 5/8"	
4	b1	PL 1 1/2" x 16"	1'-11"	
16	gp1	FB 6" x 1/2"	1'-0"	
16	1a	FB 6-1/2" x 1/2"	0'-6 13/16"	
8	2a	FB 4 1/2" x 1/2"	0'-5 5/8"	
4	1b	PL 3/8" x 10"	1'-1"	
4	2b	do	2'-2"	
8	3b	do	2'-4"	
8	CB1	3/4" x 8" H.S. Hex Bolt & Nut w/2 Flat Wa.		

Material Specs:

Steel Pipe Shall Be API Spec 5L x 42 Fr=42,000 P.S.I.
All Other Steel - A.S.T.M. A209, Gr 36
Galv. Steel Per A.S.T.M. A123
H.S. Hardware To Be A.S.T.M. A325
Galv. Steel Per A.S.T.M. A153

PRINTS ISSUED				REVISIONS			
FOR	NO.	DATE	FOR	NO.	DATE	NO.	DATE

Brookfield Fabricating Corp
P.O. Box 406 - Brookfield, Missouri 64620 - (660)258-2274

Customer: Timme, Inc.

Project: STPG 1998 (409) Mason Street
City Of Green Bay, WI

Description: Fabrication Details Of End Columns
For Str S-5-58

Printed For: Wisconsin
Drawn By: JW
Date: 8/25/98
Checked By: C.R.
Date: 9/3/98
Job No: WI-6492
Rev: SH/11 OF 11