

R95-101

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.
1	ME	116-315-8(2)176

FIGURING PLAN - SPANS 1 & 2

I-395 BRIDGE OVER PENOBSCOT RIVER

I-395 BRIDGE STA. 164+60.00

PENOBSCOT COUNTY

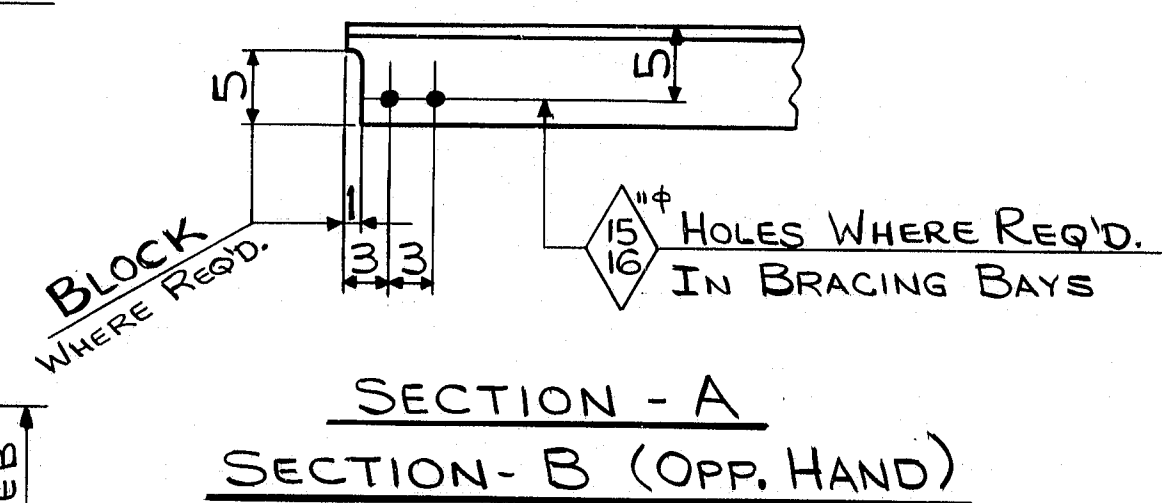
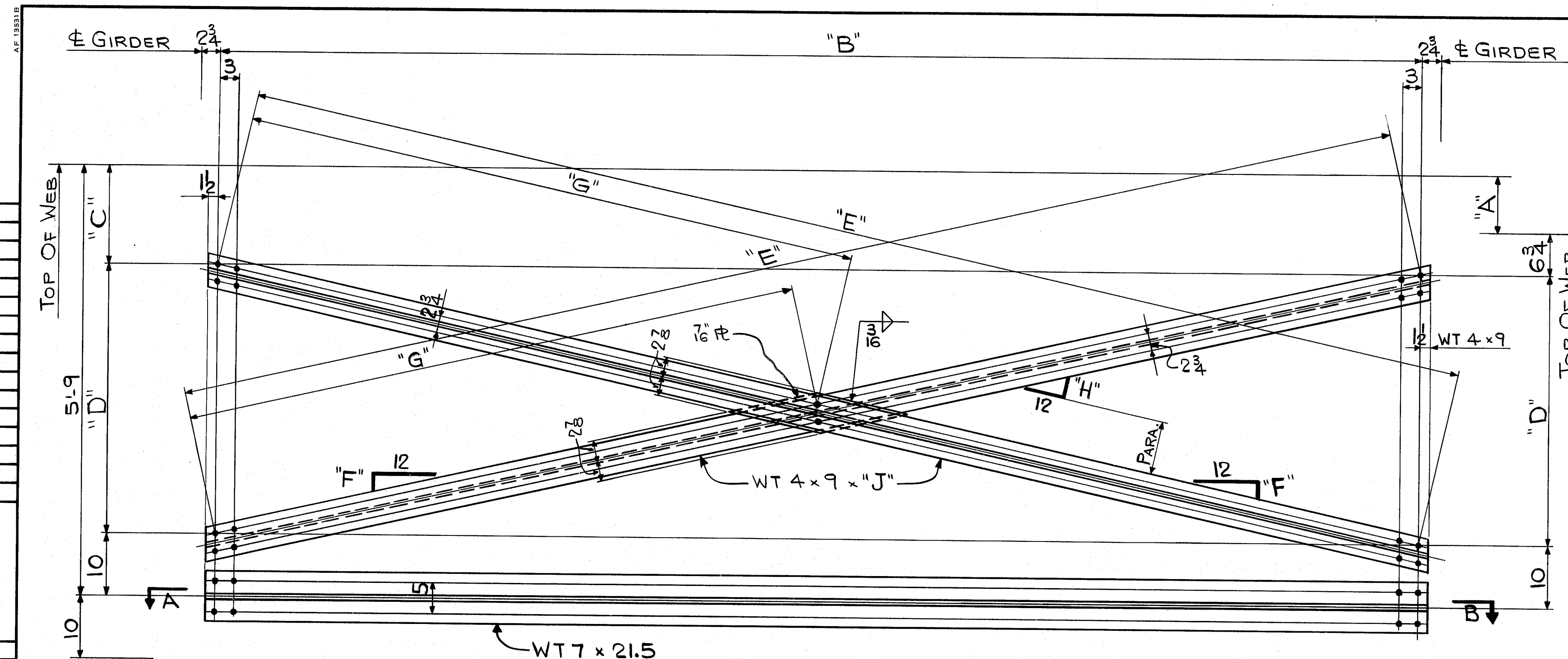
STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

STATE CONTRACT OR REF. NO. 6 CONTRACTOR CANERO CORP.

IN CHARGE: HINKLE MADE BY: BJK CHK'D BY: JLC DATE: 5-2-84

CONTRACT NUMBER: ME-84088-1 DRAWING NUMBER: WS1



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.
1	ME	116-395-8 (82) 176

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"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"J"
8	14'4 1/2	1'2 3/4	3'8 1/4	14'10 1/2	3'6	7'5 1/2	6'1 1/2	15'2 1/2
8	14'4 1/4	1'2 3/4	3'8 1/4	14'10 1/2	3'6	7'5 1/2	6'1 1/2	15'2 1/4
7 3/4	14'4 1/4	1'2 1/2	3'8 1/2	14'10 1/2	3'6	7'5 1/4	6'5/8	15'2 1/8
7 3/4	14'4 1/5	1'2 1/2	3'8 1/2	14'10 3/8	3'6	7'5 1/8	6'5/8	15'3 1/8
8	14'8 3/4	1'2 3/4	3'8 1/4	15'2 1/2	3	7'7 1/8	6'7/8	15'6 5/8
8 1/2	14'9 1/2	1'2 3/8	3'8 1/8	15'2 1/2	3	7'7 1/4	6'3/4	15'6 3/8
8 1/4	14'9 1/2	1'3	3'8	15'2 1/2	3	7'7 3/8	6'3/4	15'7 1/8
8 1/4	14'9 3/8	1'3	3'8	15'3	3	7'7 1/2	6'5/8	15'7 3/8
8 3/8	15'0 1/2	1'3 3/8	3'7 3/8	15'5 1/2	2 3/8	7'8 1/2	6'7/8	15'10 1/2
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8 3/4	15'5 1/2	1'3 1/2	3'7 1/2	15'10 1/2	2 1/2	7'11 1/2	5'15/8	16'1 3/4
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9	15'8 1/2	1'3 3/4	3'7 1/4	16'1 1/2	2 3/4	8'0 1/2	5'15/8	16'5 1/2
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7 3/8	15'10 1/2	1'2 3/8	3'8 3/8	16'3 1/8	2 1/2	8'1 1/2	5'13/8	16'8 1/2
8 5/8	15'10 1/2	1'3 3/8	3'7 3/8	16'3 3/8	2 3/4	8'1 1/2	5'13/8	16'7 3/8
9 1/2	15'10 1/2	1'4 1/4	3'6 3/4	16'3 3/8	2 1/2	8'1 1/2	5'11/8	16'7 1/2
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9	16'0 1/4	1'3 3/4	3'7 1/4	16'5 1/2	2 1/2	8'2 1/2	5'11/8	16'9 1/2
9 3/8	16'0 3/8	1'3 3/8	3'7 3/8	16'5 3/8	2 1/2	8'2 1/2	5'11/8	16'9 3/8
7 1/2	16'5 1/2	1'1 1/2	3'9 1/2	16'10 3/8	2 3/4	8'5 1/2	5'13/8	17'2 1/2
9 3/8	16'5 1/2	1'3 3/8	3'7 3/8	16'10 3/8	2 3/8	8'5 3/8	5'13/8	17'2 1/2
10 3/8	16'5 1/2	1'4 3/8	3'6 3/8	16'10	2 7/8	8'5	5'3/8	17'2 1/2
8 3/4	16'6 1/8	1'3 1/2	3'7 1/2	16'10 3/8	2 3/8	8'5 1/2	5'13/8	17'3 1/2
9	16'6 3/8	1'3 3/4	3'7 1/4	16'10 1/2	2 3/8	8'5 3/8	5'13/8	17'3
9 3/8	16'6 3/8	1'4 3/8	3'6 3/8	16'10 1/2	2 3/8	8'5 3/8	5'13/8	17'2 1/2
8 3/8	16'9 3/8	1'3 3/8	3'7 3/8	17'2 1/2	2 3/8	8'7 1/4	5'13/8	17'6 3/4
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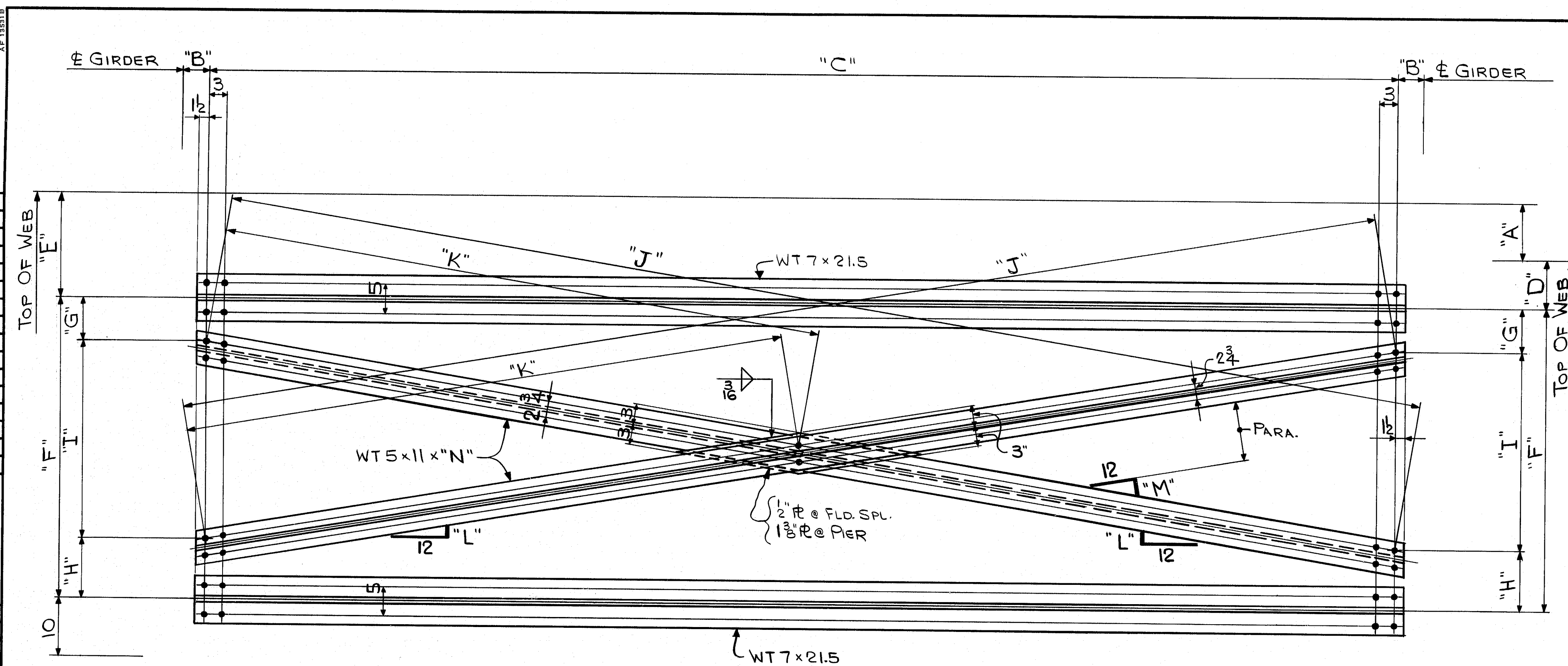
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7 3/4	17'6 1/2	1'2 1/2	3'8 1/2	17'11 1/2	2 7/8	8'11 1/8	5'5/8	18'3 3/8
9	17'6 1/2	1'3 3/4	3'7 1/4	17'10 1/2	2 7/8	8'11 1/2	5'5/8	18'3 3/8
10	17'6 1/2	1'4 3/4	3'6 1/4	17'10 3/4	2 7/8	8'11 3/8	5	18'2 3/8
7 1/4	17'9 1/4	1'2	3'9	18'1 1/2	2 7/8	9'0 1/2	5'5/8	18'6 1/2
8 3/8	17'9 1/4	1'3 3/8	3'7 3/8	18'1 1/2	2 7/8	9'0 1/2	5'5/8	18'5 3/4
10 3/8	17'9 1/4	1'4 3/8	3'6 3/8	18'1 1/2	2 3/8	9'0 1/2	4'15/8	18'5 1/2
6 3/8	17'9 1/2	1'0 3/8	3'10 3/8	18'2 3/8	2 7/8	9'1 1/2	5'13/8	18'6 1/2
10	17'9 1/2	1'4 3/4	3'6 1/4	18'1 1/2	2 3/8	9'0 1/2	4'15/8	18'5 1/2
11 1/4	17'9 1/2	1'6	3'5	18'1 1/2	2 7/8	9'0 1/2	4'15/8	18'5 3/8
5 3/4	18'3 1/4	1'0 1/2	3'10 1/2	18'8 3/8	2 7/8	9'4 1/2	5'13/8	19'0 1/2
10 1/2	18'3 1/4	1'5 1/4	3'5 3/4	18'7 1/2	2 7/8	9'3 3/8	4'3/4	18'11 1/4
11 3/4	18'3 1/4	1'6 1/2	3'4 1/2	18'6 1/2	2 7/8	9'3 1/2	4'15/8	18'11

WORK THIS DWG. WITH DWGS. WSI & WS4

R95-102

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC. 1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211 A Subsidiary of High Industries, Inc.		
INT. CROSSFRAME LAYOUTS I-395 BRIDGE OVER PENOBSCOT RIVER I-395 BRIDGE STA. 164+60.00 PENOBSCOT COUNTY STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO. <u>6</u> CONTRACTOR <u>CIANBRO CORP.</u>		
IN CHARGE: <u>HINKLE</u> MADE BY: <u>JLC</u> CHK'D BY: <u>BKJ</u> DATE: <u>5-7-84</u>		
CONTRACT NUMBER: <u>ME-84088-1</u> DRAWING NUMBER: <u>WS2</u>		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.
I	ME	I-16-395-8(82)176



NOTE: SEE BRACING LAYOUTS FOR HOLE LOCATIONS IN BOTTOM CROSSFRAME MEMBERS.

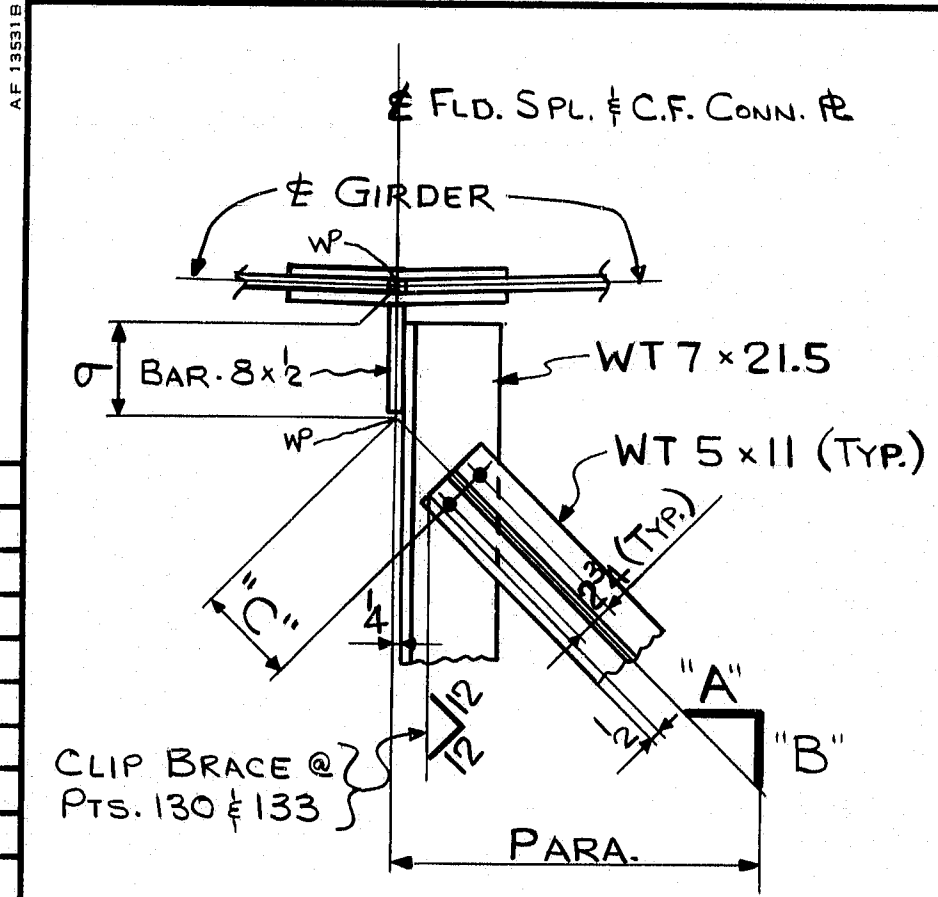
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8 ³ / ₈	4 ¹ / ₄	15'-2 ¹ / ₂	8 ¹ / ₄	1'-4 ³ / ₈	4'-4 ³ / ₈	7 ¹ / ₂	10 ¹ / ₄	2'-10 ⁵ / ₈	15'-5 ³ / ₄	7'-8 ³ / ₈	2 ¹ / ₄	4 ³ / ₄	15'-9 ¹ / ₈
8 ³ / ₈	4 ¹ / ₄	15'-2 ¹ / ₂	8 ¹ / ₄	1'-5 ¹ / ₈	4'-3 ³ / ₈	7 ¹ / ₂	10 ¹ / ₄	2'-10 ⁵ / ₈	15'-5 ¹ / ₈	7'-8 ¹ / ₈	2 ¹ / ₄	4 ⁵ / ₈	15'-9 ¹ / ₈
7 ¹ / ₄	7 ³ / ₄	15'-4 ¹ / ₈	7 ¹ / ₂	1'-2 ³ / ₄	4'-6 ¹ / ₄	8 ¹ / ₄	11	2'-11	15'-7 ¹ / ₈	7'-9 ¹ / ₈	2 ⁵ / ₈	4 ³ / ₄	15'-11 ⁷ / ₈
8 ³ / ₈	7 ³ / ₄	15'-4 ¹ / ₈	7 ¹ / ₂	1'-4 ³ / ₈	4'-4 ³ / ₈	8 ¹ / ₄	11	2'-9 ³ / ₈	15'-7 ³ / ₈	7'-9 ³ / ₈	2 ³ / ₈	4 ¹ / ₂	15'-11 ¹ / ₄
10	7 ³ / ₄	15'-4 ¹ / ₈	7 ¹ / ₂	1'-5 ¹ / ₂	4'-3 ¹ / ₂	8 ¹ / ₄	11	2'-8 ¹ / ₄	15'-6 ¹ / ₈	7'-9 ¹ / ₈	2 ³ / ₈	4 ⁵ / ₈	15'-11
8 ³ / ₄	4 ¹ / ₄	16'-0 ³ / ₈	8 ¹ / ₄	1'-5	4'-4	7 ¹ / ₂	10 ¹ / ₄	2'-10 ¹ / ₄	16'-3 ³ / ₈	8'-1 ¹ / ₈	2 ³ / ₈	4 ⁷ / ₈	16'-7 ¹ / ₄
9 ³ / ₈	4 ¹ / ₄	16'-0 ³ / ₈	8 ¹ / ₄	1'-5 ³ / ₈	4'-3 ³ / ₈	7 ¹ / ₂	10 ¹ / ₄	2'-9 ³ / ₈	16'-3 ¹ / ₈	8'-1 ¹ / ₈	2 ³ / ₈	4 ³ / ₈	16'-7 ³ / ₈
8 ¹ / ₂	7 ³ / ₄	15'-10	7 ¹ / ₂	1'-4	4'-5	8 ¹ / ₄	11	2'-9 ³ / ₄	16'-1	8'-0 ¹ / ₂	2 ³ / ₈	4 ³ / ₈	16'-5 ¹ / ₈
8 ³ / ₄	7 ³ / ₄	15'-10	7 ¹ / ₂	1'-4 ¹ / ₄	4'-4 ³ / ₄	8 ¹ / ₄	11	2'-9 ¹ / ₂	16'-0 ¹ / ₈	8'-0 ¹ / ₈	2 ³ / ₈	4 ³ / ₈	16'-5
9 ³ / ₈	7 ³ / ₄	15'-10	7 ¹ / ₂	1'-4 ⁵ / ₈	4'-4 ³ / ₈	8 ¹ / ₄	11	2'-9 ³ / ₈	16'-0 ³ / ₈	8'-0 ³ / ₈	2 ³ / ₈	4 ³ / ₈	16'-4 ¹ / ₈
6 ³ / ₄	4 ¹ / ₄	16'-6 ¹ / ₈	8 ¹ / ₄	1'-3	4'-6	7 ¹ / ₂	10 ¹ / ₄	3'-0 ¹ / ₄	16'-9 ³ / ₈	8'-4 ¹ / ₈	2 ³ / ₈	4 ⁷ / ₈	17'-1 ¹ / ₈
9 ³ / ₈		16'-6 ¹ / ₈		1'-5 ³ / ₈	4'-3 ³ / ₈			2'-9 ³ / ₈	16'-9 ¹ / ₈	8'-4 ¹ / ₈	2 ³ / ₈	4 ⁷ / ₈	17'-1 ¹ / ₈
10 ¹ / ₄		16'-6 ¹ / ₈		1'-6 ¹ / ₂	4'-2 ¹ / ₂			2'-8 ³ / ₄	16'-9 ¹ / ₄	8'-4 ⁵ / ₈	2	4 ¹ / ₈	17'-1 ¹ / ₄
8 ¹ / ₄		16'-9 ³ / ₈		1'-4 ¹ / ₂	4'-4 ¹ / ₂			2'-10 ³ / ₄	17'-0 ³ / ₈	8'-6 ¹ / ₈	2 ¹ / ₈	4 ¹ / ₂	17'-4 ³ / ₈
9		16'-9 ³ / ₈		1'-5 ¹ / ₄	4'-3 ³ / ₄			2'-10	17'-0 ¹ / ₈	8'-6 ³ / ₈	2	4 ¹ / ₈	17'-4 ³ / ₄
9 ⁵ / ₈		16'-9 ³ / ₈		1'-5 ³ / ₈	4'-3 ³ / ₈			2'-9 ³ / ₈	17'-0 ³ / ₈	8'-6 ³ / ₈	2	4 ¹ / ₈	17'-4 ³ / ₈
7 ¹ / ₂		15'-2 ¹ / ₂		1'-3 ³ / ₄	4'-5 ¹ / ₄			2'-11 ¹ / ₂	15'-5 ¹ / ₈	7'-8 ¹ / ₈	2 ³ / ₈	4 ³ / ₈	15'-10 ³ / ₈
8 ³ / ₈		15'-2 ¹ / ₂		1'-5 ¹ / ₈	4'-3 ³ / ₈			2'-10 ⁵ / ₈	15'-5 ¹ / ₈	7'-8 ¹ / ₈	2 ¹ / ₄	4 ³ / ₈	15'-9 ¹ / ₈
8 ³ / ₄		16'-0 ³ / ₈		1'-5	4'-4			2'-10 ¹ / ₄	16'-3 ³ / ₈	8'-1 ¹ / ₈	2 ³ / ₈	4 ⁷ / ₈	16'-7 ¹ / ₄
9 ³ / ₈	4 ¹ / ₄	16'-0 ³ / ₈	8 ¹ / ₄	1'-5 ³ / ₈	4'-3 ³ / ₈	7 ¹ / ₂	10 ¹ / ₄	2'-9 ³ / ₈	16'-3 ¹ / ₈	8'-1 ¹ / ₈	2 ³ / ₈	4 ³ / ₈	16'-7 ³ / ₈

OPR
HAND

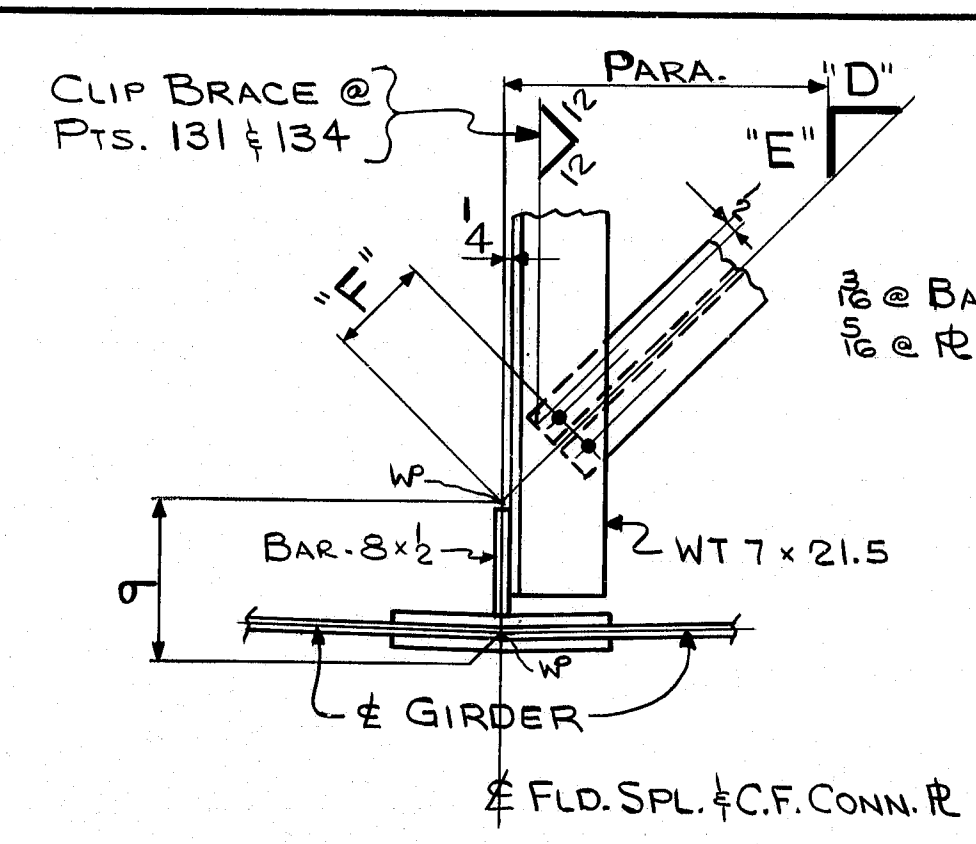
WORK THIS DWG. WITH DWGS. WSI & WS4

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC. 1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211 A Subsidiary of High Industries, Inc.		
CROSSFRAME LAYOUTS		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR CIANBRO CORP.
IN CHARGE:	HINKLE	MADE BY: JLC
CHK'D BY:	BJK	DATE: 5-9-84
CONTRACT NUMBER:	ME-84088-1	DRAWING NUMBER: WS3

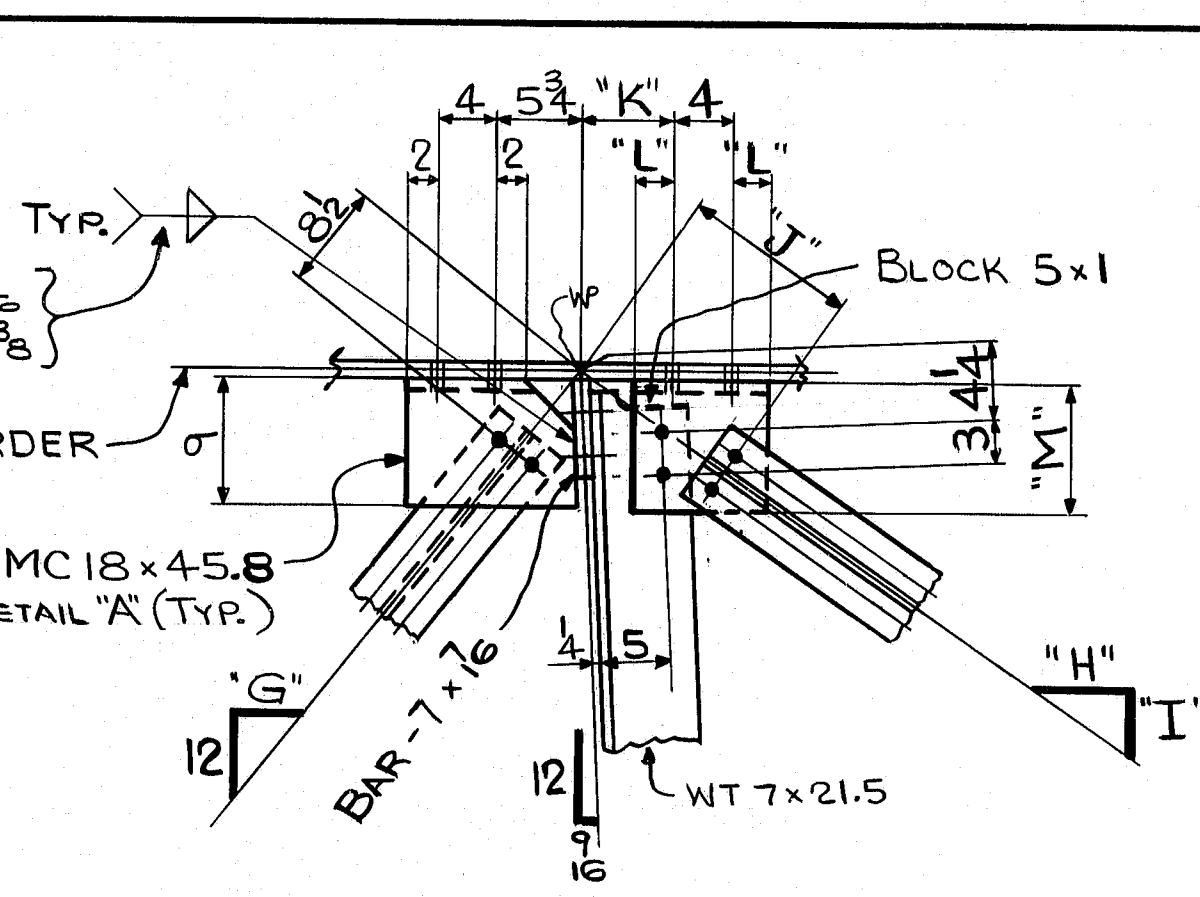
R95-103



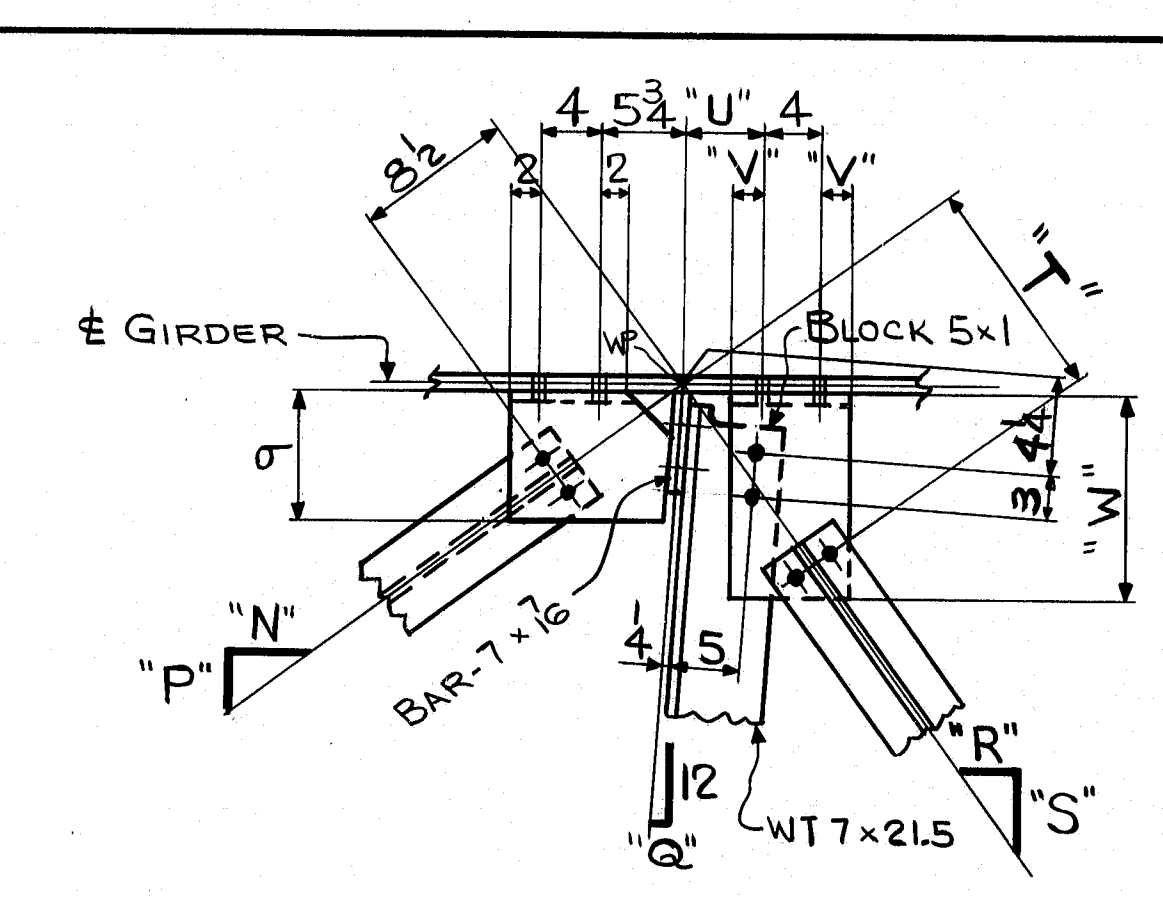
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133	12	11 1/8	6 3/8
135		8 1/8	5 1/2
138		8 1/8	5 1/2
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144		8 1/8	5 1/2
146		8 1/8	5 1/2
149	12	8 1/8	5 1/2



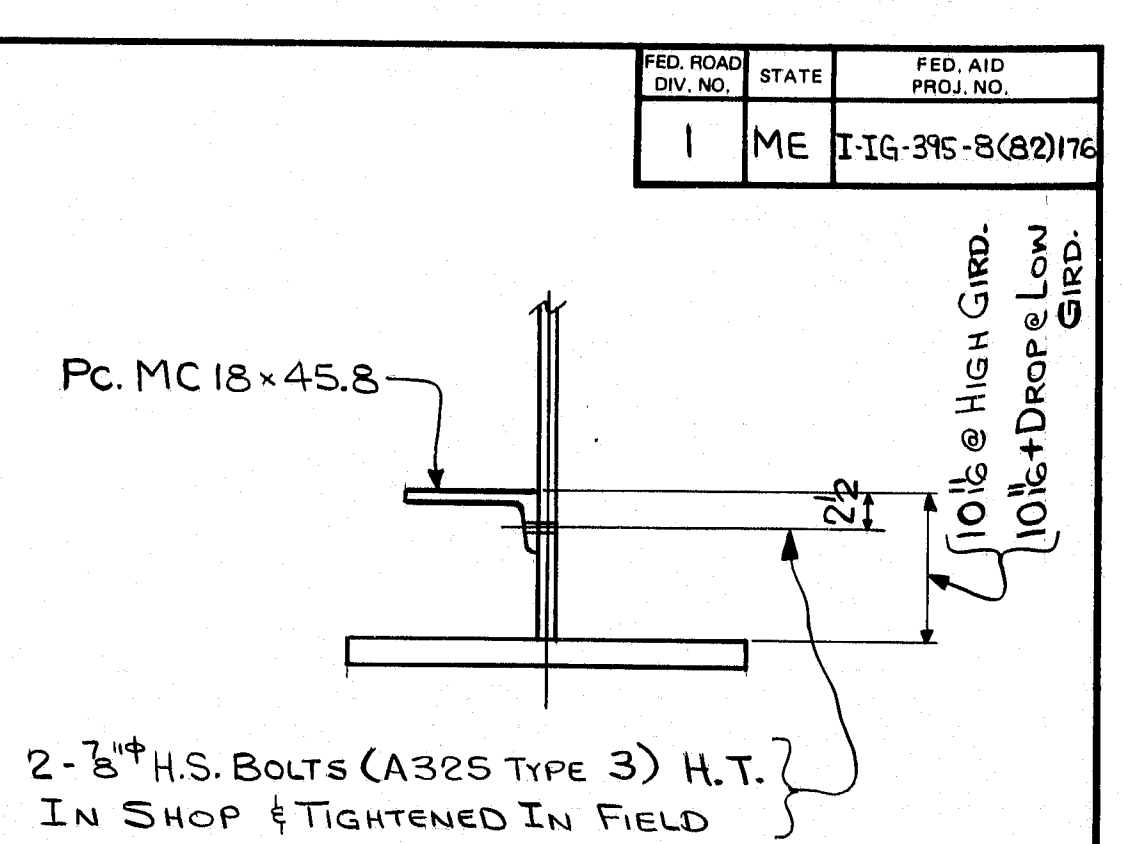
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134	11 1/8	12	6 3/8
136	12	9 1/8	5 1/8
139		10 1/4	5 1/8
140		8 3/8	5 1/2
143		9 1/8	5 1/8
145		9 1/2	5 3/4
148	12	9 1/8	5 1/8



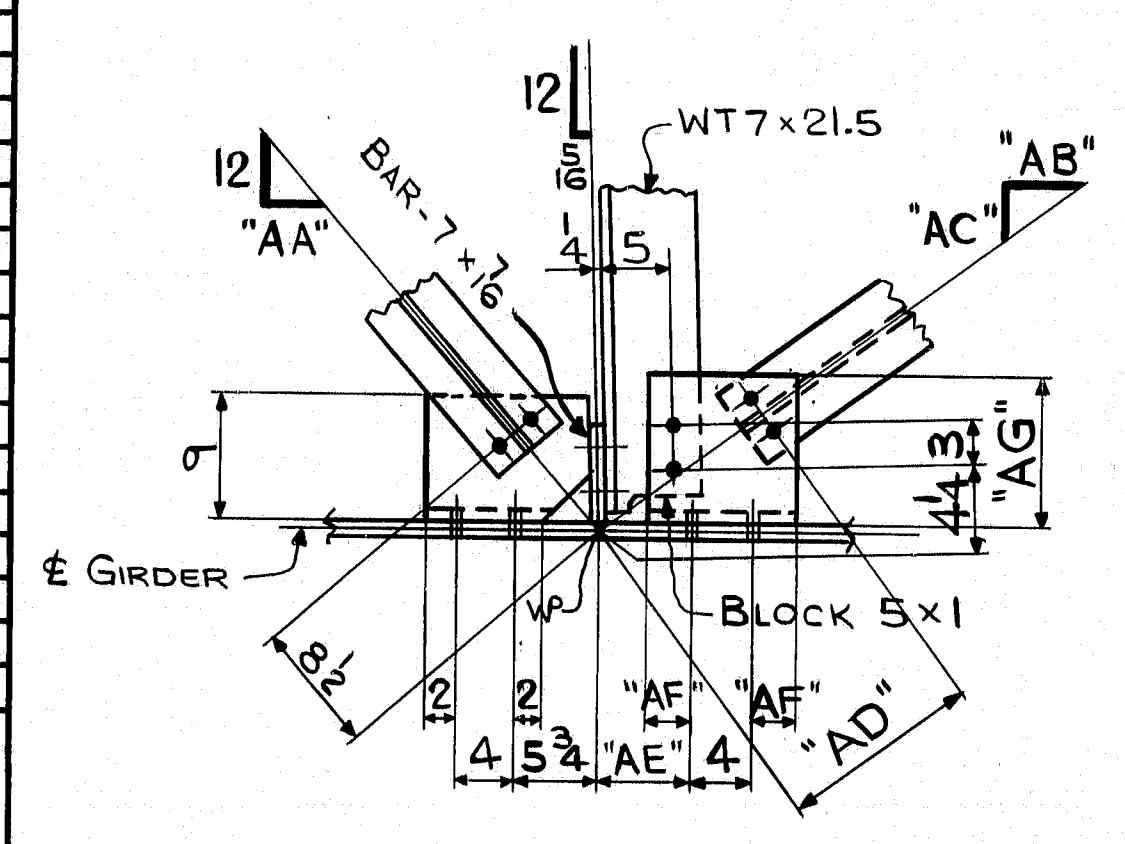
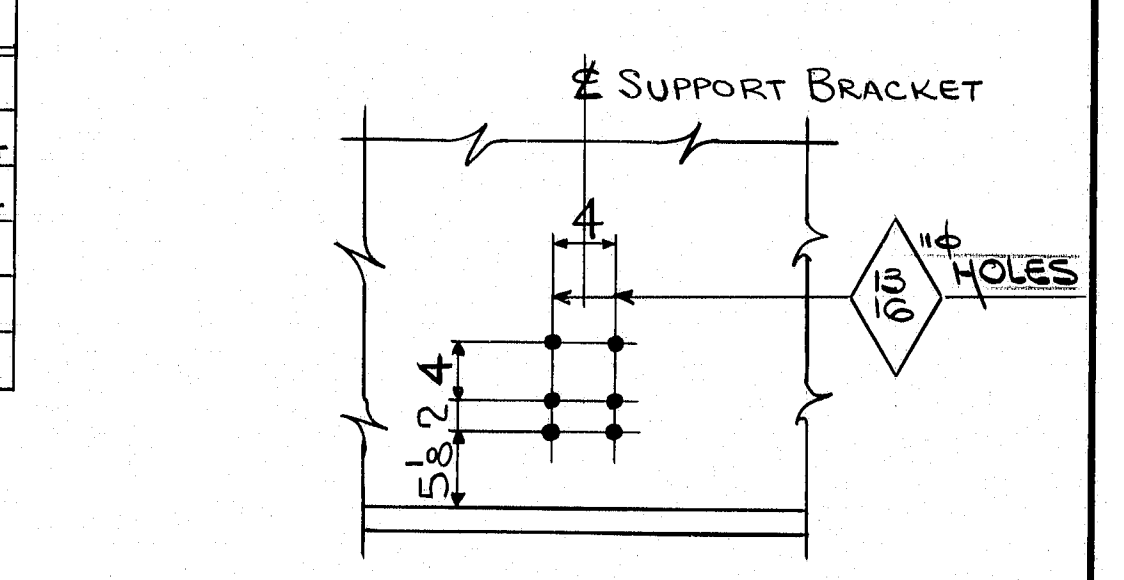
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80	11 1/8	10 5/8	12	1-3 1/2	6 3/8	2 5/8	1-2
90	9 1/8	12	8 3/8	1-0	6	2 1/4	9 1/4



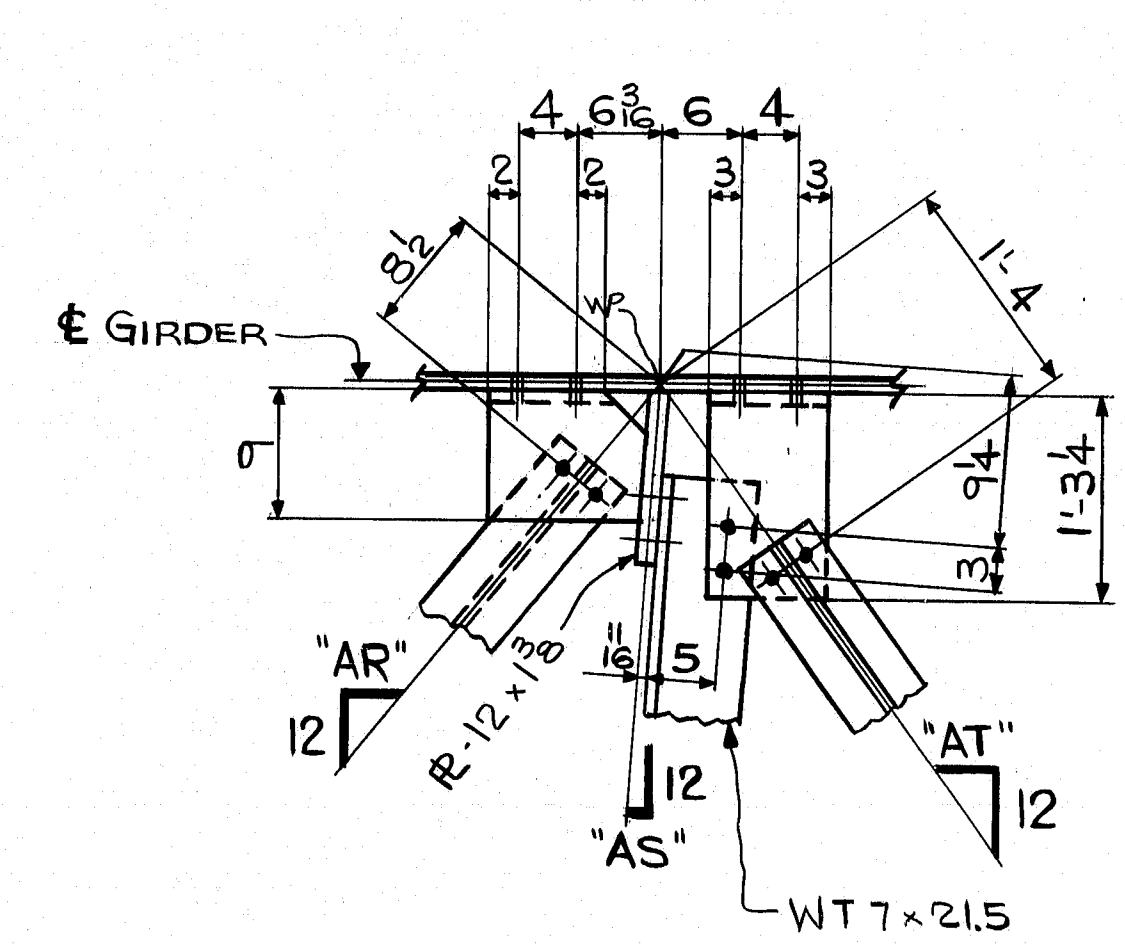
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85	12	9 3/8	7 1/8	9	1-3	5 3/8	2 1/4	1-2 1/4	
88	12	8 3/8	8 3/8	12	1-3	5 3/8	2 1/4	1-2 1/4	
93	10 1/8	12	9 3/8	12	8 3/4	1-0	5 3/8	2 1/4	9 1/2
95	9 3/8	12	7 1/8	12	9 1/8	1-0	5 3/8	2 1/4	9 3/4
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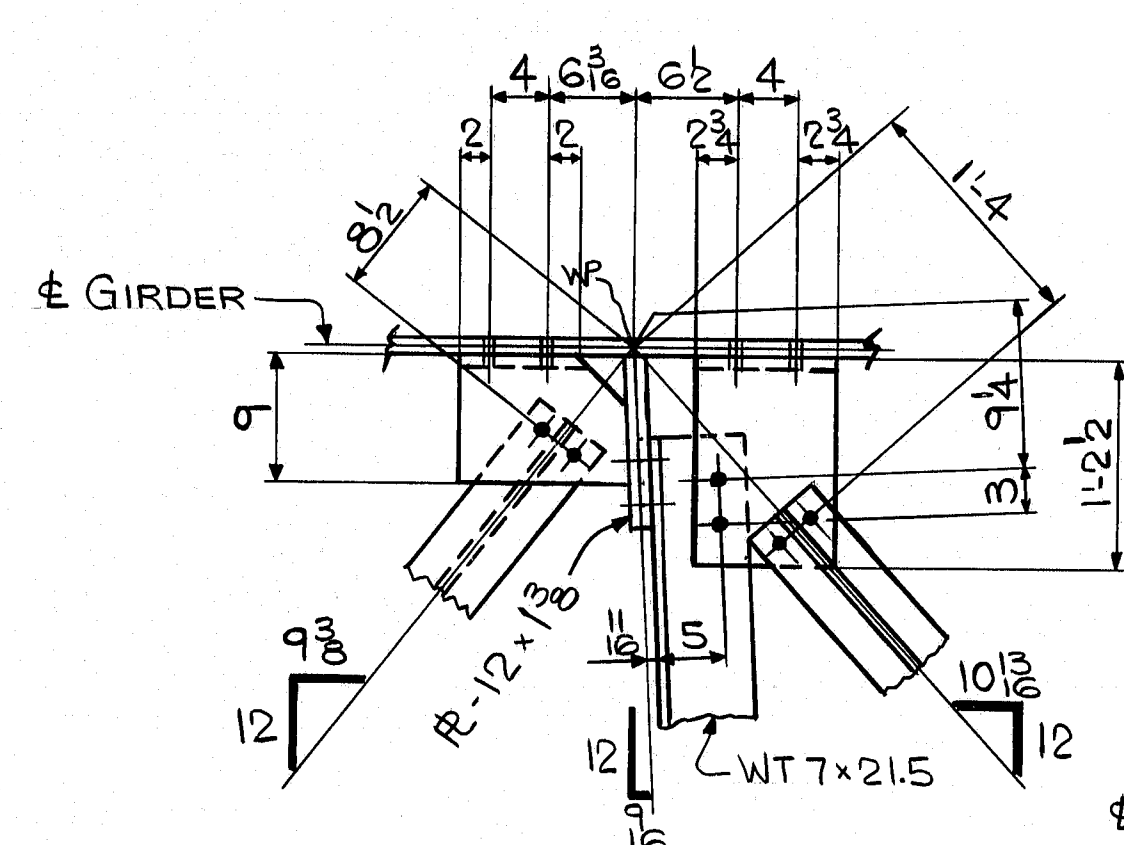
DETAIL "A"



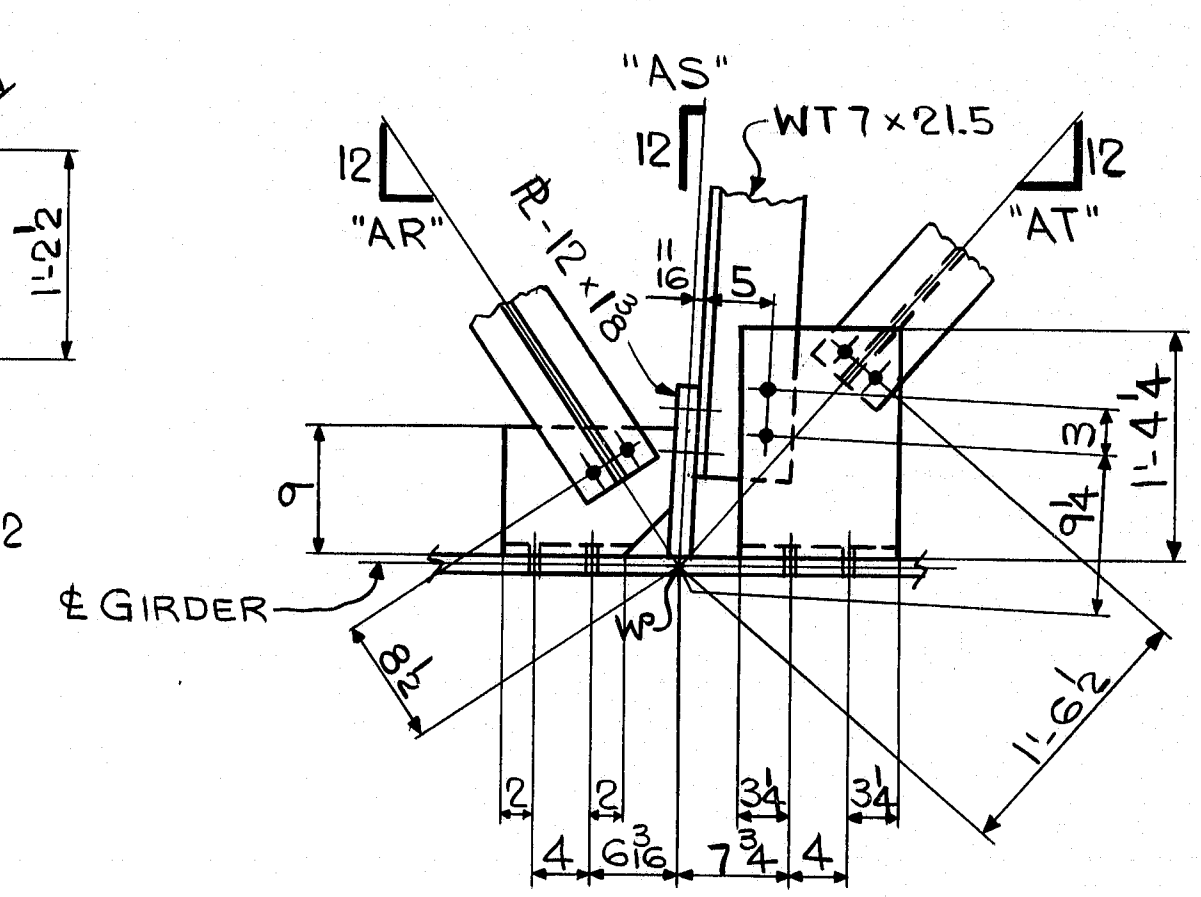
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91	10 3/8	12	8 1/8	1-1 1/4	6 3/8	2 3/8	10 1/4



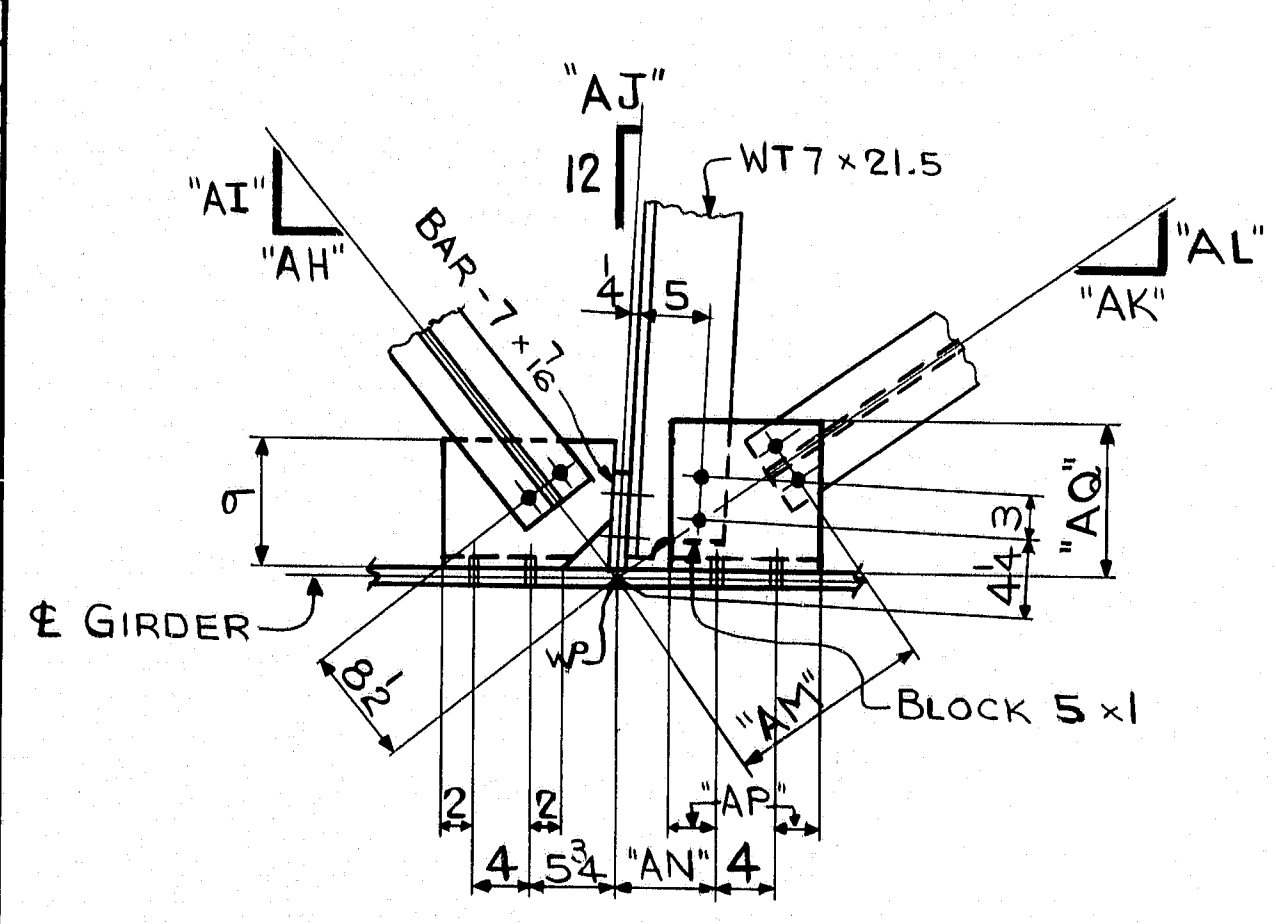
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38	10 1/4	8	8 1/8



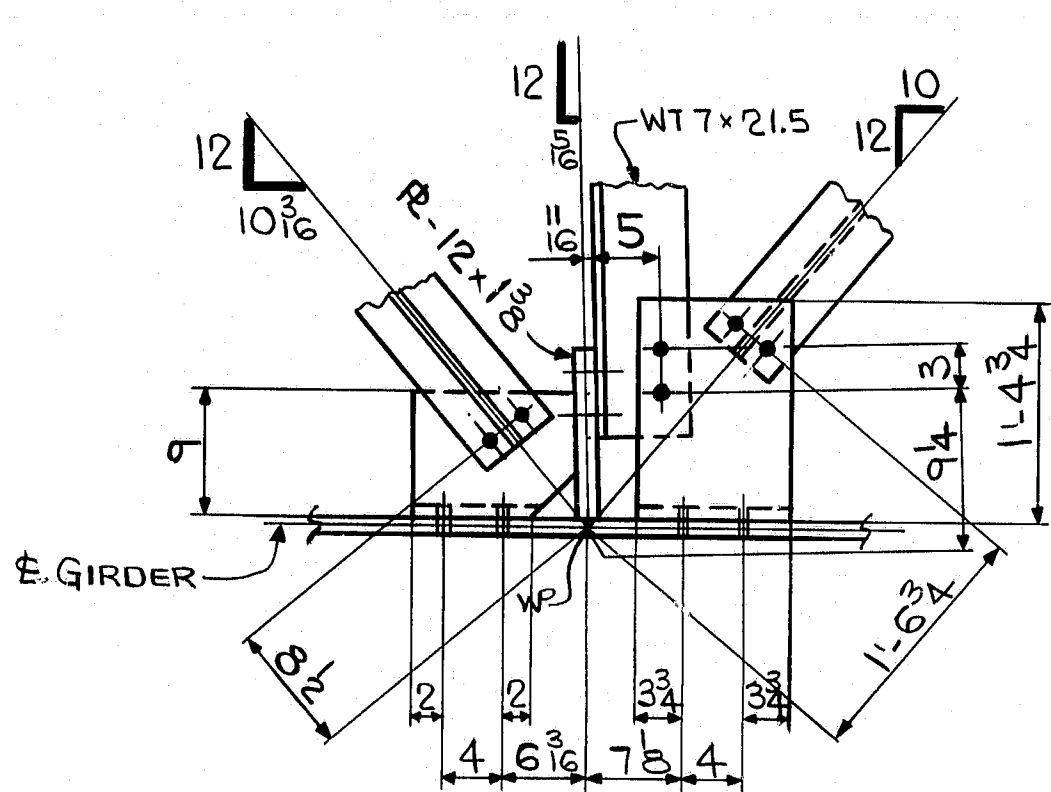
POINT - 30



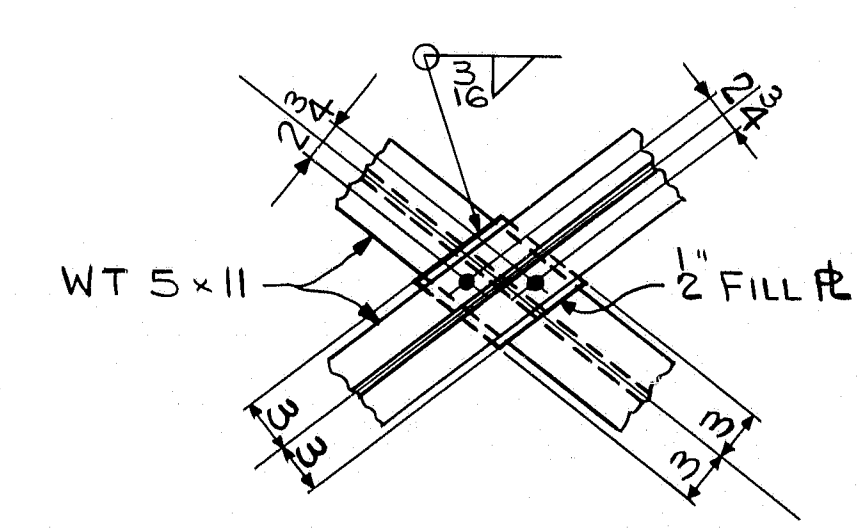
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36	8 1/8	7 1/8	10 3/8
39	8 1/8	1	10 1/8



POINT	"AH"	"AI"	"AJ"	"AK"	"AL"	"AM"	"AN"	"AP"	"AQ"
84	11 1/8	12	16	10 1/4	12	1-5 3/4	7	3 1/4	1-3 1/2
86	12	9 1/8	16	10 1/4	12	1-5 3/4	6 3/8	3 3/8	1-3 3/4
89	12	9 1/8	1	10 1/2	12	1-5 3/4	7	3 1/4	1-3 3/4
94	9 3/8	12	7 1/8	12	8 1/8	1-2 1/2			
96	8 3/8	12	7 1/8	12	8 1/8	1-2 1/2			
99	8 1/2	12	1	12	8 3/8	1-2 1/2	7	3 1/4	11



POINT - 31



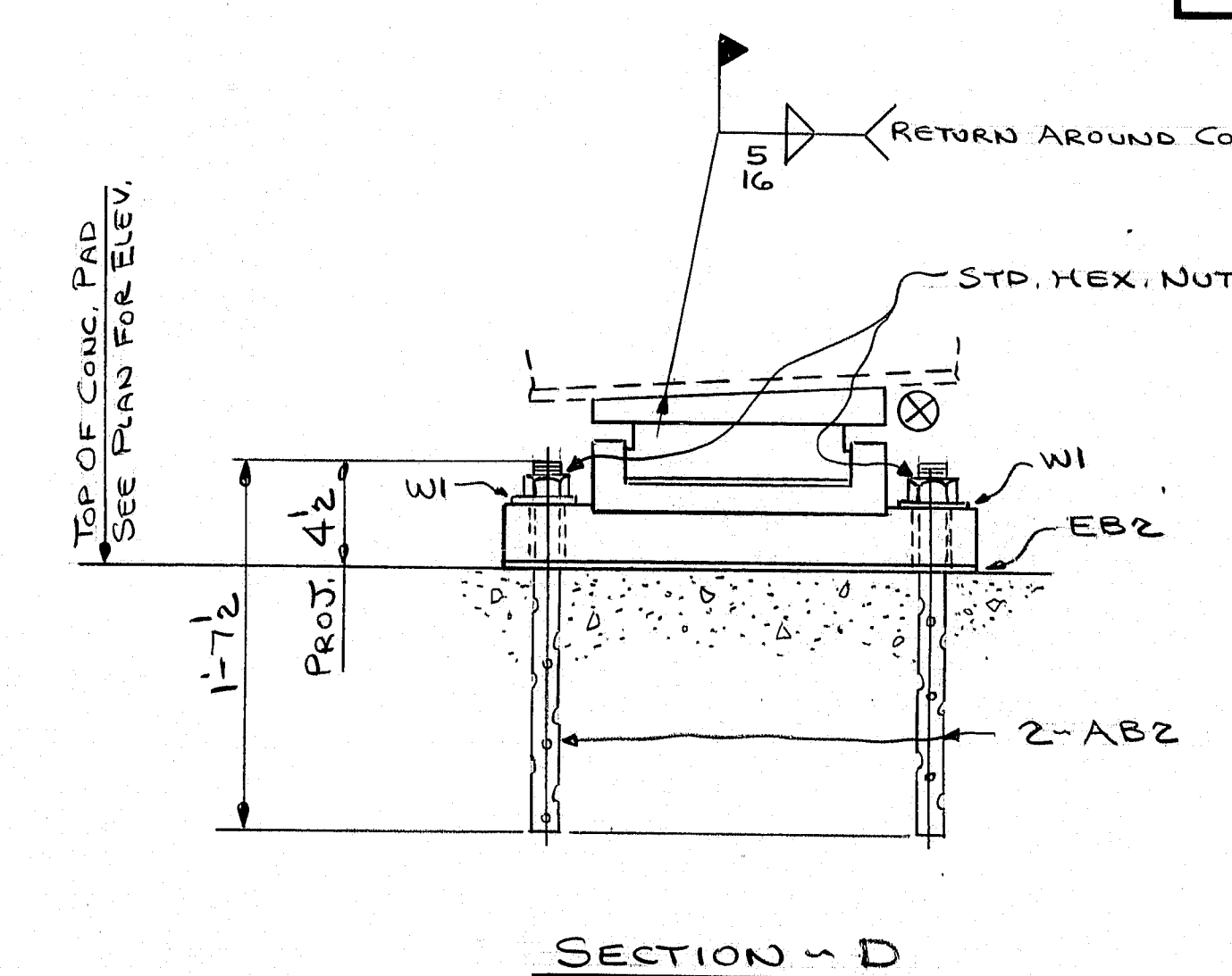
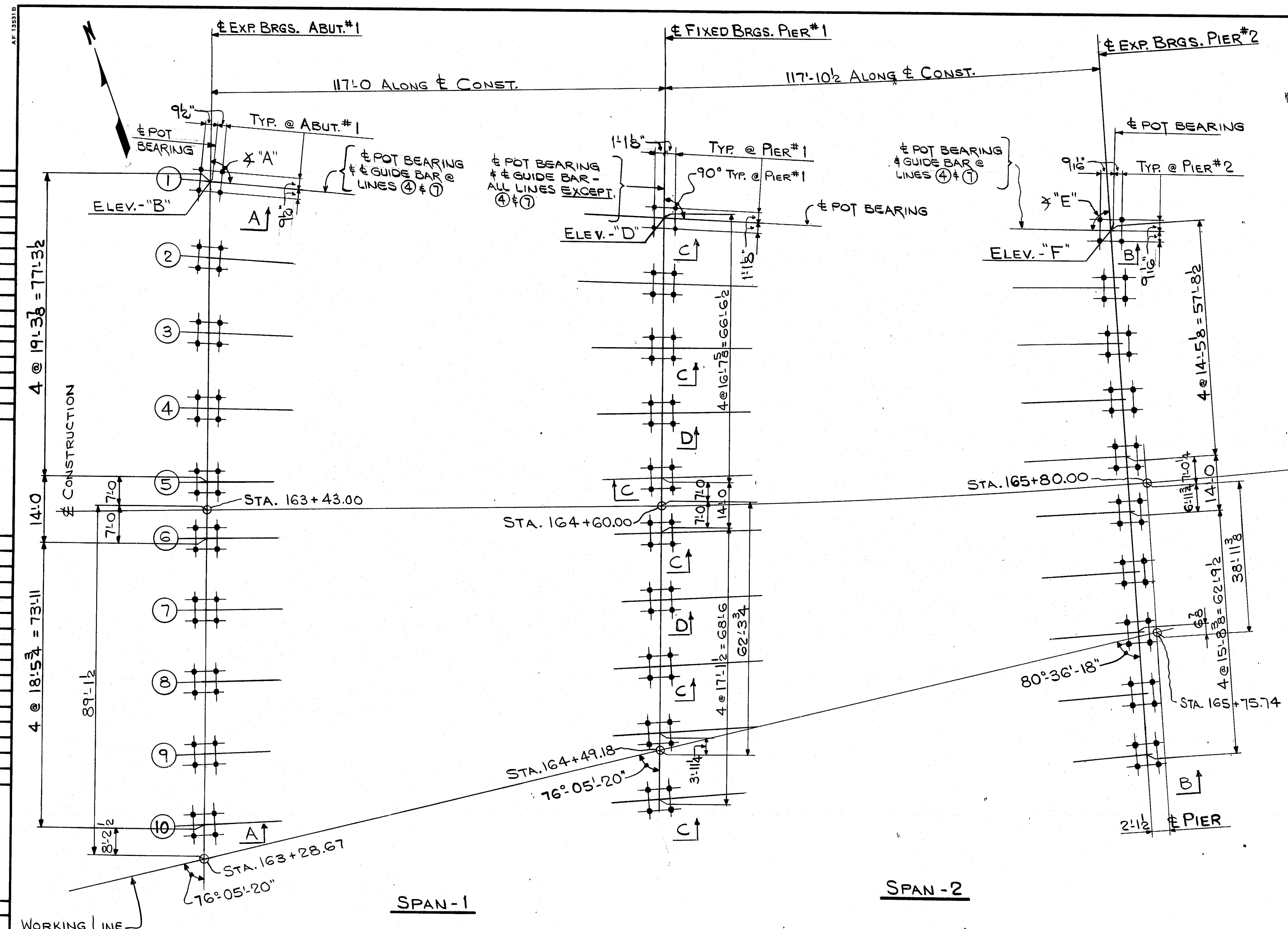
TYP. BRACING INTERSECTION CONN.

R95-104

WORK THIS DWG. WITH DWGS. - WS1, WS2, & WS3

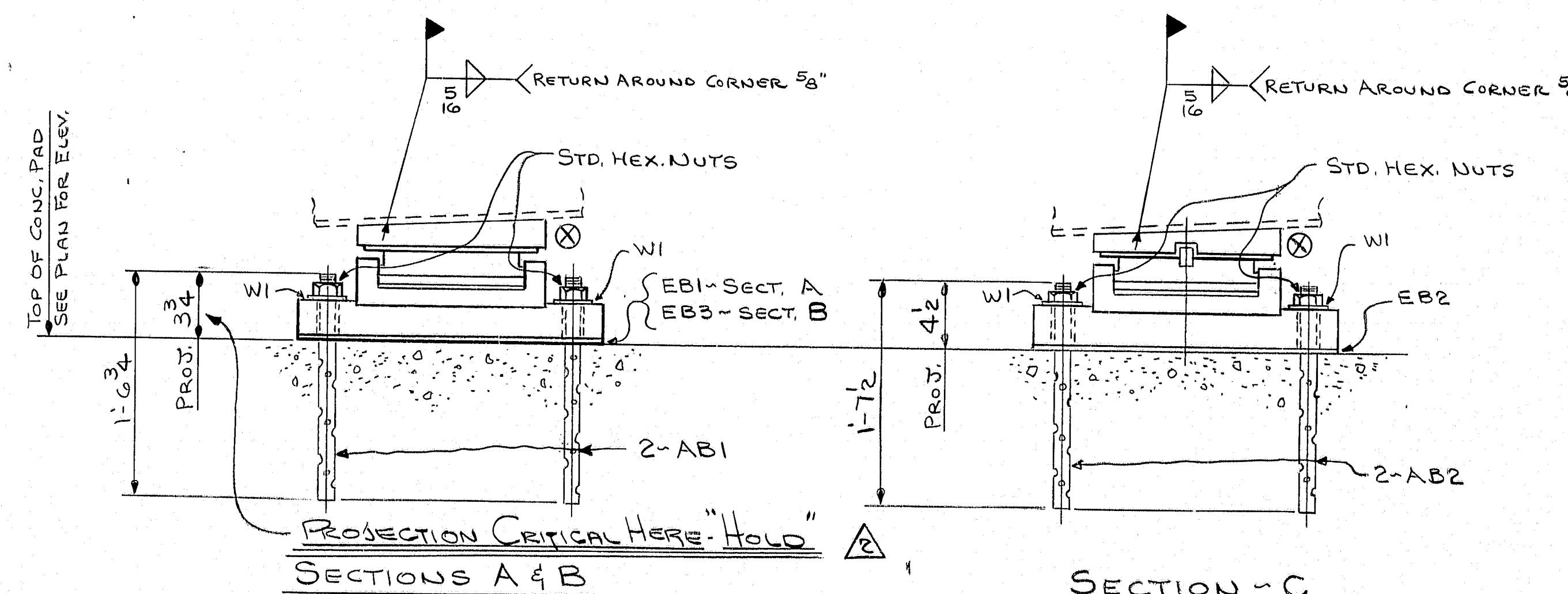
NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC. 1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/298-8211 A Subsidiary of High Industries, Inc.		
BRACING LAYOUTS		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	CONTRACTOR	DATE
6	CIANGRO CORP.	5/21/84
IN CHARGE: HINKLE	MADE BY: JLC	CHK'D BY: CS
CONTRACT ME-84088-1	DRAWING NUMBER: WS4	

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
1	ME	114-395-8(82)76



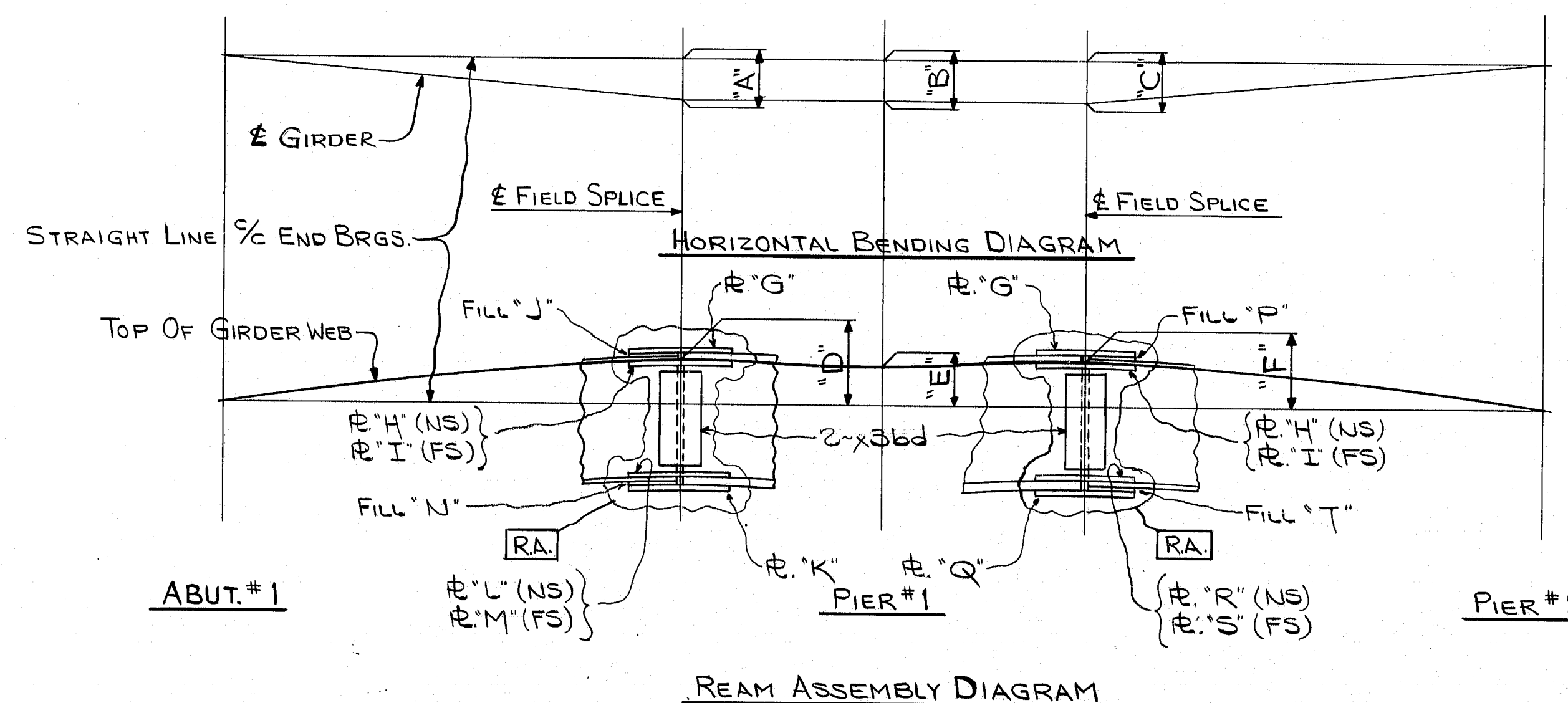
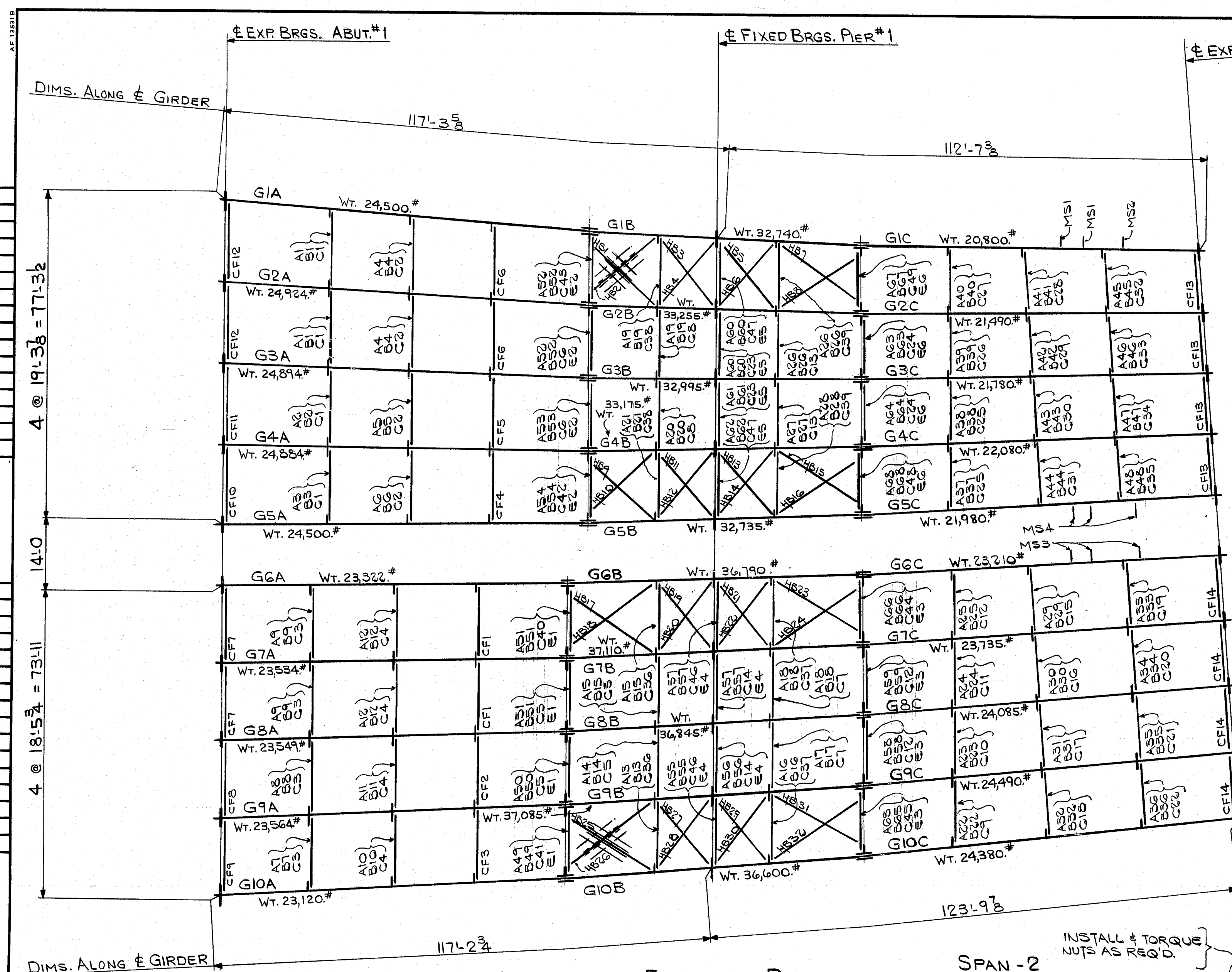
- NOTES:
1. All dimensions are given horizontally.
 2. Elevations are given to top of concrete pad.
 3. Anchor bolt settings must be exact in every detail in accordance with this drawing.
 4. Anchor bolts are furnished by High Steel Structures, Inc., and set by others.
 5. FOR POT BEARINGS: SEE DRAWINGS D-1001-1A THRU D-1001-1F & D-1003-1A.
 6. THICKEST EDGE OF SOLE PLATE MARKED THUS ⊗
 7. TOP OF CONCRETE ELEVATIONS & ANCHOR BOLT SPACINGS HAVE BEEN MADE TO CONFORM TO BEARING DETAILS ON DWS D-1001-1A.
 8. SPECIAL BRIDGE SEAT PREPARATION & GROUTING OF ANCHOR BOLT HOLES, REQUIRED BY CONTRACT DOCUMENTS, BY OTHERS THAN HIGH STEEL STRUCTURES, INC.
 9. UPSET THREADS ABOVE NUT FOR ALL ANCHOR BOLTS. (AB MARKS)

LINE	"A"	"B"	"D"	"E"	"F"
1	94°00'00"	74.86	78.10	84°20'49"	81.15
2	92°53'20"	75.92	78.93	85°29'36"	81.80
3	91°34'28"	76.97	79.76	86°37'02"	82.45
4	90°15'31"	77.90	80.57	87°43'05"	83.10
5	88°56'32"	78.34	81.10	88°47'46"	83.75
6	88°56'32"	78.35	81.11	88°47'11"	83.78
7	88°16'46"	78.89	81.89	89°27'26"	84.49
8	87°37'01"	79.43	82.53	90°06'34"	85.20
9	86°57'19"	80.13	83.26	90°45'18"	85.90
10	86°15'39"	80.96	84.02	91°22'57"	86.61



10-11 APRIL NOTES			
NO. 1	REVISION	REVISED ELEVATIONS AS PER DES. REV.	DATE 9-28-84
NO. 2	REVISION	GENERAL REVISION TO AGREE WITH POT BEARINGS	DATE 10-17-84
HIGH STEEL STRUCTURES, INC. 1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/298-5211 A Subsidiary of High Industries, Inc.			
ANCHOR BOLT PLAN I-395 BRIDGE OVER PENOBSCOT RIVER I-395 BRIDGE STA. 164+60.00 PENOBSCOT COUNTY STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT OR REF. NO.	6	CONTRACTOR	CIAMBRO CORP.
IN CHARGE	HINKLE	MADE BY	J.L.C. CHK'D BY CS DATE 6-26-84
CONTRACT NUMBER	ME-84088-1	DRAWING NUMBER	E1A

R95-105



GIRDER	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R	S	T
G1	3'-1 1/2"	3'-0 1/2"	2'-11 1/8"	4'-2"	3'-8"	4'-6"	x3a	x3b	x3c	x3d	x3e	x3f	x3g	x3h	x3i	x3j	x3k	x3l	x3m
G2	2'-11 1/8"	2'-11"	2'-10 1/8"	4'-2"	3'-8"	3'-8"	x3a	x3b	x3c	x3d	x3e	x3f	x3g	x3h	x3i	x3j	x3k	x3l	x3m
G3	2'-9"	2'-8 1/2"	2'-8 1/2"	4'-2"	3'-8"	3'-8"	x3a	x3b	x3c	x3d	x3e	x3f	x3g	x3h	x3i	x3j	x3k	x3l	x3m
G4	2'-6 1/4"	2'-6 1/2"	2'-6 1/2"	3'-8"	2'-8"	3'-8"	x3f	x3g	x3h	x3i	x3j	x3k	x3l	x3m	x3n	x3o	x3p	x3q	x3r
G5	2'-3 3/8"	2'-3 3/8"	2'-3 3/8"	4'-2"	3'-8"	4'-8"	x3d	x3e	x3f	x3g	x3h	x3i	x3j	x3k	x3l	x3m	x3n	x3o	x3p
G6	2'-2 1/2"	2'-3 3/8"	2'-4 1/2"	4'-2"	3'-8"	4'-8"	x3d	x3e	x3f	x3g	x3h	x3i	x3j	x3k	x3l	x3m	x3n	x3o	x3p
G7	2'-3 3/8"	2'-3 3/8"	2'-4 1/2"	5'-6"	4'-8"	5'-6"	x3d	x3e	x3f	x3g	x3h	x3i	x3j	x3k	x3l	x3m	x3n	x3o	x3p
G8	2'-3 3/8"	2'-3 3/8"	2'-4 1/2"	6'-8"	6'-6"	6'-6"	x3d	x3e	x3f	x3g	x3h	x3i	x3j	x3k	x3l	x3m	x3n	x3o	x3p
G9	2'-3 3/8"	2'-3 3/8"	2'-4 1/2"	7'-4"	6'-6"	7'-4"	x3d	x3e	x3f	x3g	x3h	x3i	x3j	x3k	x3l	x3m	x3n	x3o	x3p
G10	2'-3 1/2"	2'-3 3/8"	2'-4 1/2"	7'-6"	6'-6"	7'-6"	x3d	x3e	x3f	x3g	x3h	x3i	x3j	x3k	x3l	x3m	x3n	x3o	x3p

FIELD BOLT SUMMARY
HIGH STRENGTH (A325 TYPE 3) BOLTS
W/ H.V. HEX. HD. #A563 GRADE CS H.V. HEX. NUT

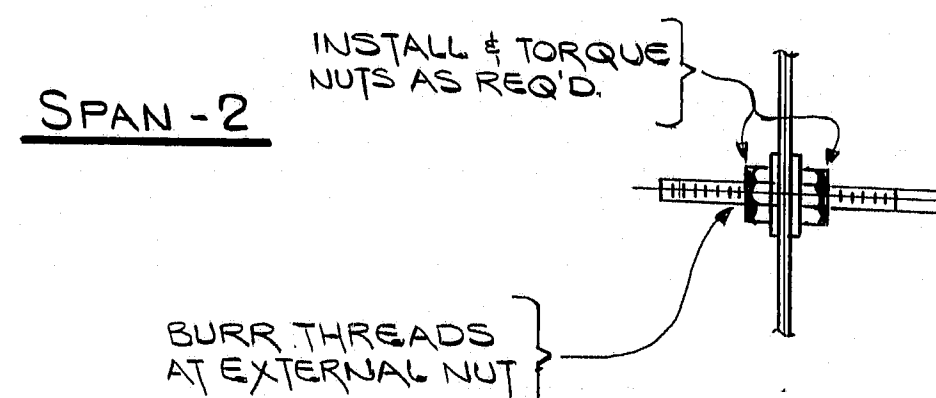
1045-3" H.S. Bolts x 0'-2" LG.
1230-
320-
135-
1730-
135-
20-
420-
335-
335-3" H.S. Bolts x 0'-5" LG.

5705-HARD FLAT WASH. FOR 3" H.S. BOLTS (F436 WEATHERING)

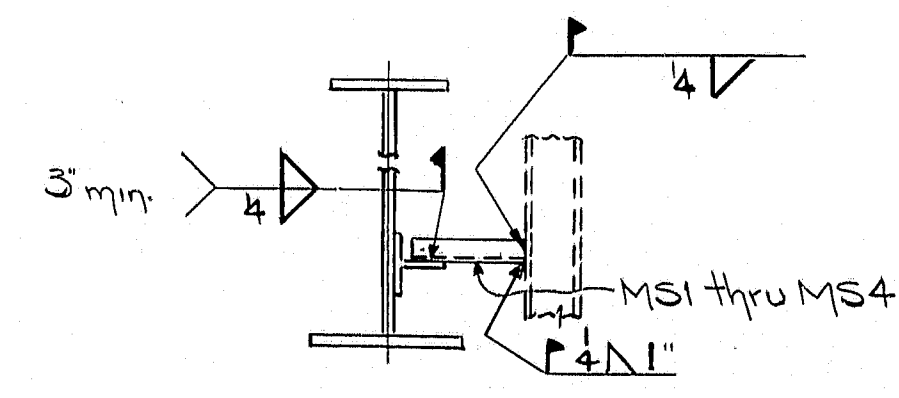
75-H.V. HEX. NUTS FOR 1" H.S. BOLTS (A563 GR. CS)
75-HARD FLAT WASH. FOR 1" H.S. BOLTS (F436 WEATHERING)

NOTES:

1. ALL DIMENSIONS ARE GIVEN HORIZONTALLY.
2. ALL STEEL TO BE A588 (U.N.) UNPAINTED.
3. ALL FIELD CONNECTIONS ARE TO BE MADE WITH 7/8" H.S. BOLTS A325 TYPE-3.
4. FOR BEARING ASSEMBLIES SEE DWG. E1.
5. STUD SHEAR CONNECTORS, EXPANSION DAM MATERIAL, AND CATWALK FRAMING NOT BY H.S.S. INC.
6. FOR GENERAL NOTES SEE DWG. N1.
7. BOLTS FOR GUSSET CHANNELS TO BE TORQUED IN FIELD.



HANDRAIL TERMINATION



FIELD WELD FOR SCUPPER ANGLES

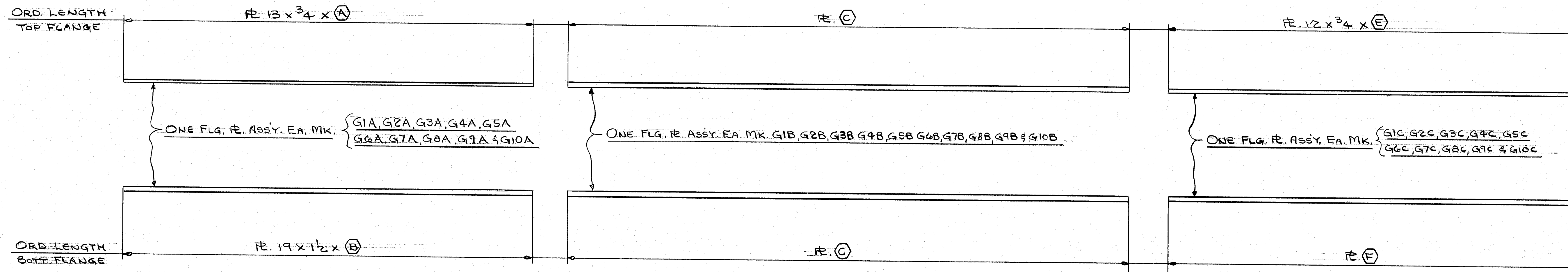
R95-106

ERECTION NOTE:

No credit will be allowed for work performed by others in replacing or correcting materials or workmanship covered by this drawing unless expressly authorized by High Steel Structures, Inc.

NO.	REVISION	CONTRACT REVISION	DATE
1		14	9-10-84
HIGH STEEL STRUCTURES, INC.			
1900 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211			
A Subsidiary of High Industries, Inc.			
ERECTION PLAN			
I-95 BRIDGE OVER PENOBSCOT RIVER			
I-95 BRIDGE STA. 164+60.00			
PENOBSCOT COUNTY			
STATE OF MAINE			
DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT OR REF. NO.	CONTRACTOR	DIAMBRO CORP.	
IN CHARGE: HINKLE	MADE BY: J.L.C.	CHK'D BY: G.F.Z.	DATE: 7-6-84
CONTRACT NUMBER: ME-84088-1	DRAWING NUMBER: E2		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.
1	ME	114-395-8(82)114



MARK	(A)	(B)
G1A	88'-4 1/16	88'-5 1/8
G2A	↑	↑
G3A	↓	↓
G4A	↓	↓
G5A	88'-4 1/16	88'-5 1/8
G6A	83'-3 1/17	83'-4 1/2 1/19
G7A	↑	↑
G8A	↓	↓
G9A	↓	↓
G10A	83'-3 1/17	83'-4 1/2 1/19

MARK	(C)
G1B	27 x 1 5/8 x 65'-2 1/20
G2B	↑
G3B	↓
G4B	↓
G5B	27 x 1 5/8 x 65'-2 1/20
G6B	27 x 1 3/4 x 70'-2 1/21
G7B	↑
G8B	↓
G9B	↓
G10B	27 x 1 3/4 x 70'-2 1/21

MARK	(E)	(F)
G1C	78'-11 1/2 1/22	18 x 1 3/8 x 78'-9 1/2
G2C	80'-0 1/2 1/23	18 x 1 3/8 x 79'-10 1/2 3/3
G3C	81'-2 1/2 1/24	18 x 1 3/8 x 81'-0 1/4
G4C	82'-4 1/2 1/25	18 x 1 3/8 x 82'-2 1/2 2/5
G5C	83'-7 1/2 1/26	18 x 1 3/8 x 83'-5 1/2 1/6
G6C	84'-9 1/2 1/27	18 x 1 1/2 x 84'-6 1/2 3/7
G7C	86'-1 1/2 1/28	18 x 1 1/2 x 85'-10 1/2 1/8
G8C	87'-5 1/2 1/29	18 x 1 1/2 x 87'-2 1/2 3/9
G9C	88'-9 1/2 1/30	18 x 1 1/2 x 88'-7 1/10
G10C	90'-1 1/2 1/31	18 x 1 1/2 x 89'-11 1/2 1/11

NOTES:

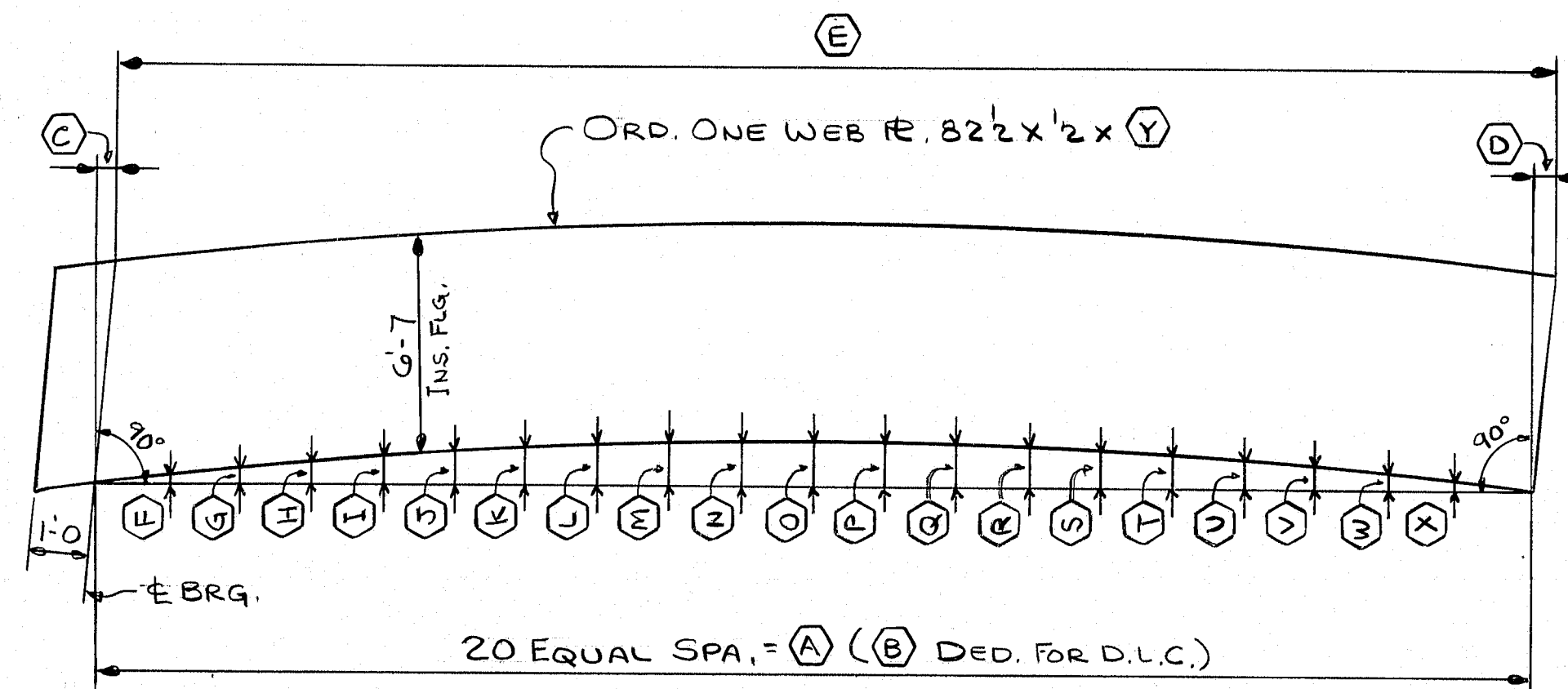
FOR GENERAL NOTES, SEE DWG. N1.
ALL STEEL TO BE A.S.T.M. A588
WITH CHARPY V-NOTCH TEST REQ'D.

R95-107

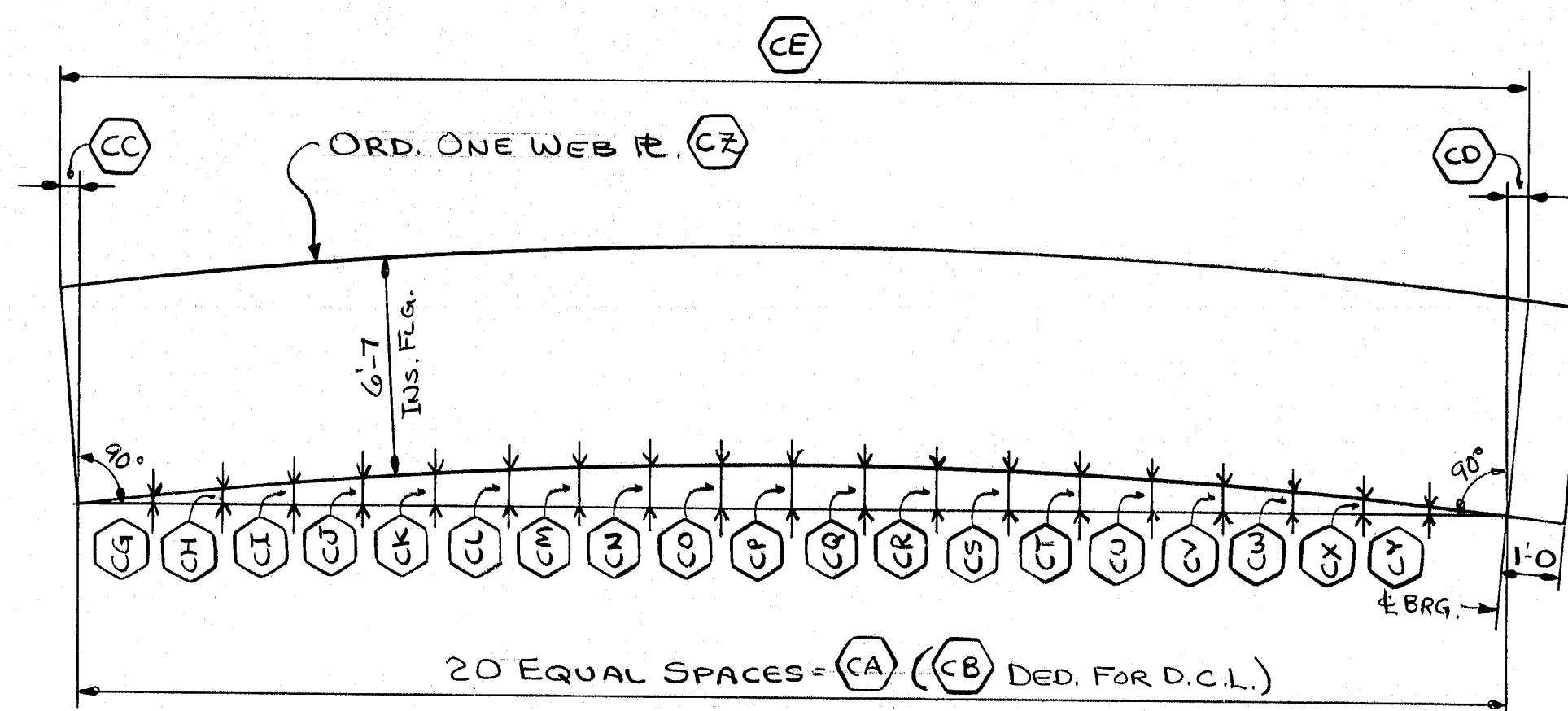
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NO.	REVISION	DATE
<p>HIGH STEEL STRUCTURES, INC.</p> <p>1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211</p> <p>A Subsidiary of High Industries, Inc.</p>		
<p>FLANGE PLATE DETAILS</p> <p>I-395 BRIDGE OVER PENOBSCOT RIVER</p> <p>I-395 BRIDGE STA. 164 + 60.00</p> <p>PENOBSCOT COUNTY</p> <p>STATE OF MAINE</p> <p>DEPARTMENT OF TRANSPORTATION</p>		
STATE CONTRACT OR REF. NO.	CONTRACTOR	CLANERO CORP.
IN CHARGE:	HINKLE	MADE BY: G.F.Z. CHK'D BY: B.J.K. DATE: 5-10-84
CONTRACT NUMBER:	ME-84088-	DRAWING NUMBER: FSI

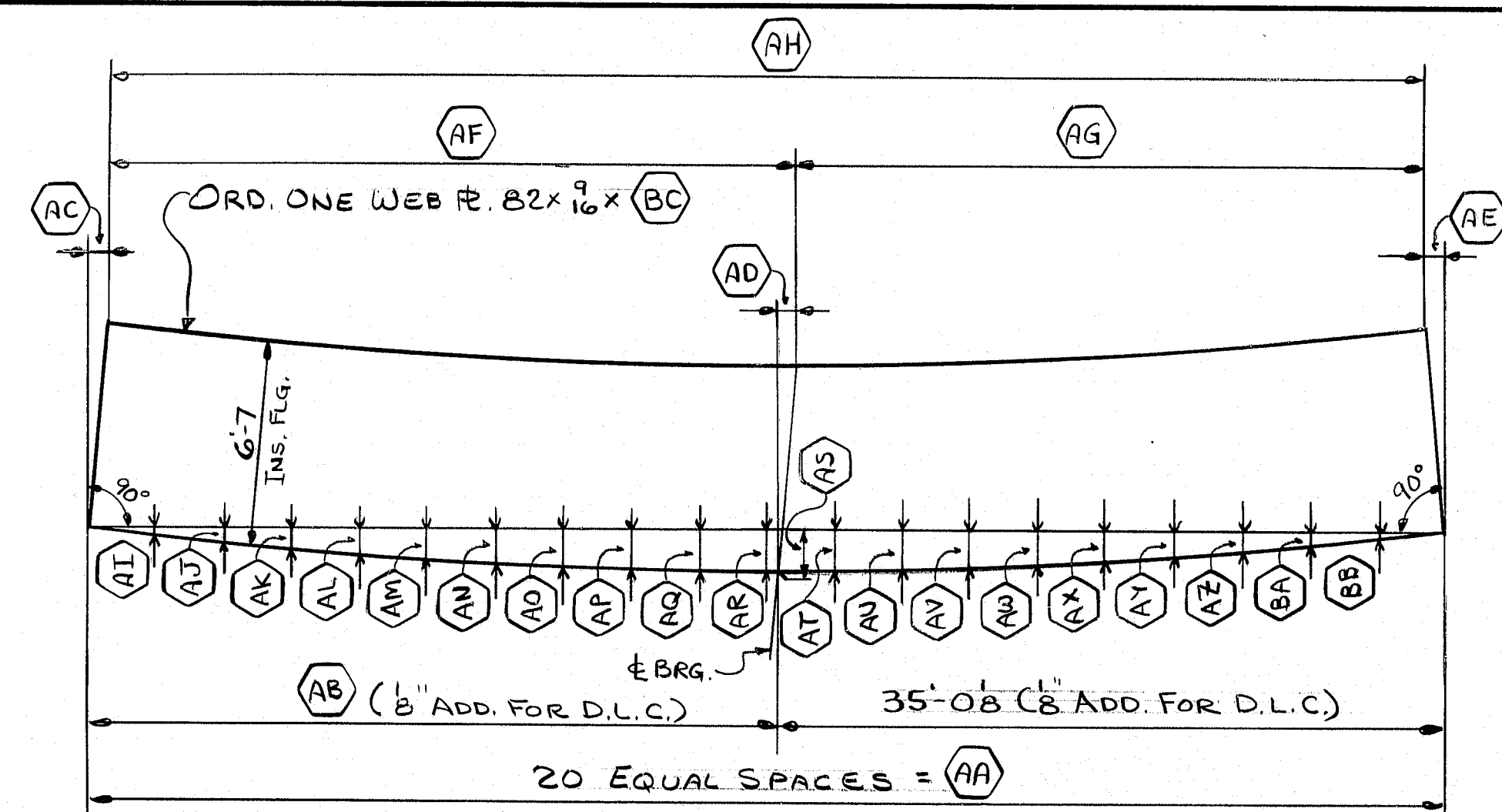
11-15-51



MK.	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
G1A	87-38	10	11	12	87-24	38	34	11	13	13	13	2	21	28	21	28	21	12	14	11	11	1	11	3	88-6(1/2)
G2A	87-17	11	11	5	87-04	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
G3A	87-03	11	11	11	86-11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
G4A	86-11	12	11	11	86-10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
G5A	86-11	11	11	11	86-10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
G6A	81-11	11	11	11	81-10	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
G7A	82-03	11	11	11	81-11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
G8A	82-03	11	11	11	81-11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
G9A	82-13	11	11	11	82-01	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
G10A	82-21	11	11	11	82-13	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11



MK.	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ
G1C	77-74	4	10	28	77-91	11	4	12	11	78	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	81 1/2 x 2 x 81.3 (1/2)
G2C	78-88	4	3	2	78-11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	81 1/2 x 2 x 83.8 (1/2)
G3C	79-10	11	11	11	80-03	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	82 x 2 x 86.12 (1/2)
G4C	81-01	11	11	11	81-12	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	82 x 2 x 87.52 (1/2)
G5C	82-31	11	11	11	82-51	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	82 1/2 x 2 x 88.10 (1/2)
G6C	83-43	11	11	11	83-71	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	82 x 2 x 87.52 (1/2)
G7C	84-81	11	11	11	84-11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	82 1/2 x 2 x 88.10 (1/2)
G8C	86-08	11	11	11	86-33	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	82 1/2 x 2 x 90.2 (1/2)
G9C	87-58	11	11	11	87-11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	
G10C	88-91	11	11	11	89-0	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	



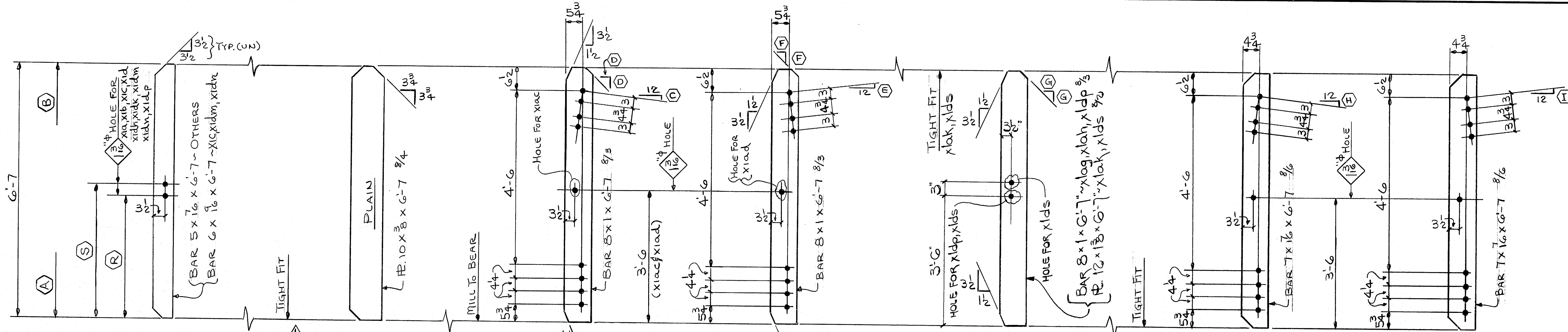
MK.	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC
G1B	65-04	30-08	21 ³ ₁₆	21 ³ ₁₆	30-28	34-91 ¹³ ₁₆	64-111 ¹⁵ ₁₆	1 ⁸	4	3 ⁸	12	5 ⁸	34	13 ¹⁶	7 ⁸	15 ¹⁶	15 ¹⁶	15 ¹⁶	7 ⁸	13 ¹⁶	34	5 ⁸	9 ¹⁶	7 ¹⁶	5 ¹⁶	3 ¹⁶	10	65-22 ¹⁵ ₁₆	
G2B	↑	↑	21 ³ ₁₆	21 ³ ₁₆	30-2	34-91 ¹³ ₁₆	64-111 ¹⁵ ₁₆	1 ⁸	4	3 ⁸	12	5 ⁸	34	13 ¹⁶	7 ⁸	15 ¹⁶	15 ¹⁶	15 ¹⁶	7 ⁸	13 ¹⁶	34	↑	9 ¹⁶	↑	↑	↑	10	↑	
G3B	↓	↓	17 ⁸	30-13 ¹³ ₁₆	34-108	64-111 ¹⁵ ₁₆	1 ⁸	4	3 ⁸	12	5 ⁸	34	13 ¹⁶	7 ⁸	15 ¹⁶	15 ¹⁶	15 ¹⁶	7 ⁸	13 ¹⁶	34	↑	9 ¹⁶	↑	↑	↑	10	↑		
G4B	↓	↓	13 ⁸	30-11 ¹¹ ₁₆	34-104	64-111 ¹⁵ ₁₆	1 ⁸	4	3 ⁸	12	5 ⁸	11 ¹⁶	34	34	34	34	34	34	34	34	34	11 ¹⁶	12	↑	↑	↑	↑	↑	
G5B	65-04	30-08	11 ³ ₁₆	30-13 ¹³ ₁₆	34-101 ¹³ ₁₆	64-111 ¹⁵ ₁₆	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	65-22 ¹⁵ ₁₆	
G6B	70-01 ⁵ ₁₆	35-01 ³ ₁₆	11 ³ ₁₆	35-13 ¹³ ₁₆	34-108	64-111 ¹⁵ ₁₆	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	70-22 ¹⁵ ₁₆	
G7B	↑	↑	21 ³ ₁₆	17 ⁸	35-17 ¹⁷ ₁₆	34-101 ¹³ ₁₆	64-111 ¹⁵ ₁₆	3 ¹⁶	5 ¹⁶	3 ⁸	12	5 ⁸	11 ¹⁶	34	34	34	34	34	34	34	11 ¹⁶	5 ⁸	12	7 ¹⁶	5 ¹⁶	↑	↑	↑	
G8B	↓	↓	17 ⁸	17 ⁸	35-11 ¹¹ ₁₆	34-101 ¹³ ₁₆	70-01 ⁵ ₁₆	1 ⁸	4	5 ¹⁶	3 ⁸	7 ¹⁶	12	9 ¹⁶	5 ⁸	11 ¹⁶	11 ¹⁶	5 ⁸	5 ⁸	9 ¹⁶	10 ¹⁶	7 ¹⁶	3 ⁸	4	↑	↑	↑		
G9B	↓	↓	1 ⁸	17 ⁸	35-11 ¹¹ ₁₆	34-108	70-01 ⁵ ₁₆	↑	18	4	5 ¹⁶	3 ⁸	7 ¹⁶	12	9 ¹⁶	5 ⁸	11 ¹⁶	11 ¹⁶	5 ⁸	5 ⁸	9 ¹⁶	10 ¹⁶	7 ¹⁶	3 ⁸	4	↑	↑		
G10B	70-01 ⁵ ₁₆	35-01 ³ ₁₆	8	11 ³ ₁₆	35-17 ¹⁷ ₁₆	34-101 ¹³ ₁₆	70-01 ⁵ ₁₆	10	18	4	5 ¹⁶	3 ⁸	7 ¹⁶	12	9 ¹⁶	5 ⁸	11 ¹⁶	11 ¹⁶	5 ⁸	5 ⁸	9 ¹⁶	10 ¹⁶	7 ¹⁶	3 ⁸	4	3 ¹⁶	10	70-22 ¹⁵ ₁₆	

NOTES:
FOR GENERAL NOTES, SEE DWG. N1.
ALL STEEL TO BE A.S.T.M. A588
WITH CHARPY V. NOTCH TEST REQD.
SHOP INSPECTION BY MAINE D.O.T.
OR THEIR REPRESENTATIVE.

R95-108

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC.		
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211		
A Subsidiary of High Industries, Inc.		
WEB CAMBER DIAGRAM		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	CONTRACTOR	DATE
6	CIANBO CORP.	5-10-84
IN CHARGE:	MADE BY:	CHKD. BY:
HINKLE	G.F.Z.	B.K.
CONTRACT NUMBER:	DRAWING NUMBER:	
ME-84088-1	WCI	

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
1	ME	I-16-395-8(82)112



REQ'D.	MARK	(A)	(B)	(R)	(S)	Item
60	X1a	TIGHT FIT	3'-6"	1	8/8	
19	X1ab	TIGHT FIT	3'-6"	1	8/9	
23	X1ac	TIGHT FIT	3'-6"	1	8/7	
19	X1ad	TIGHT FIT	3'-6"	1	8/8	
25	X1ae	TIGHT FIT	3'-6"	1	8/8	
5	X1af	TIGHT FIT	3'-6"	1	8/7	

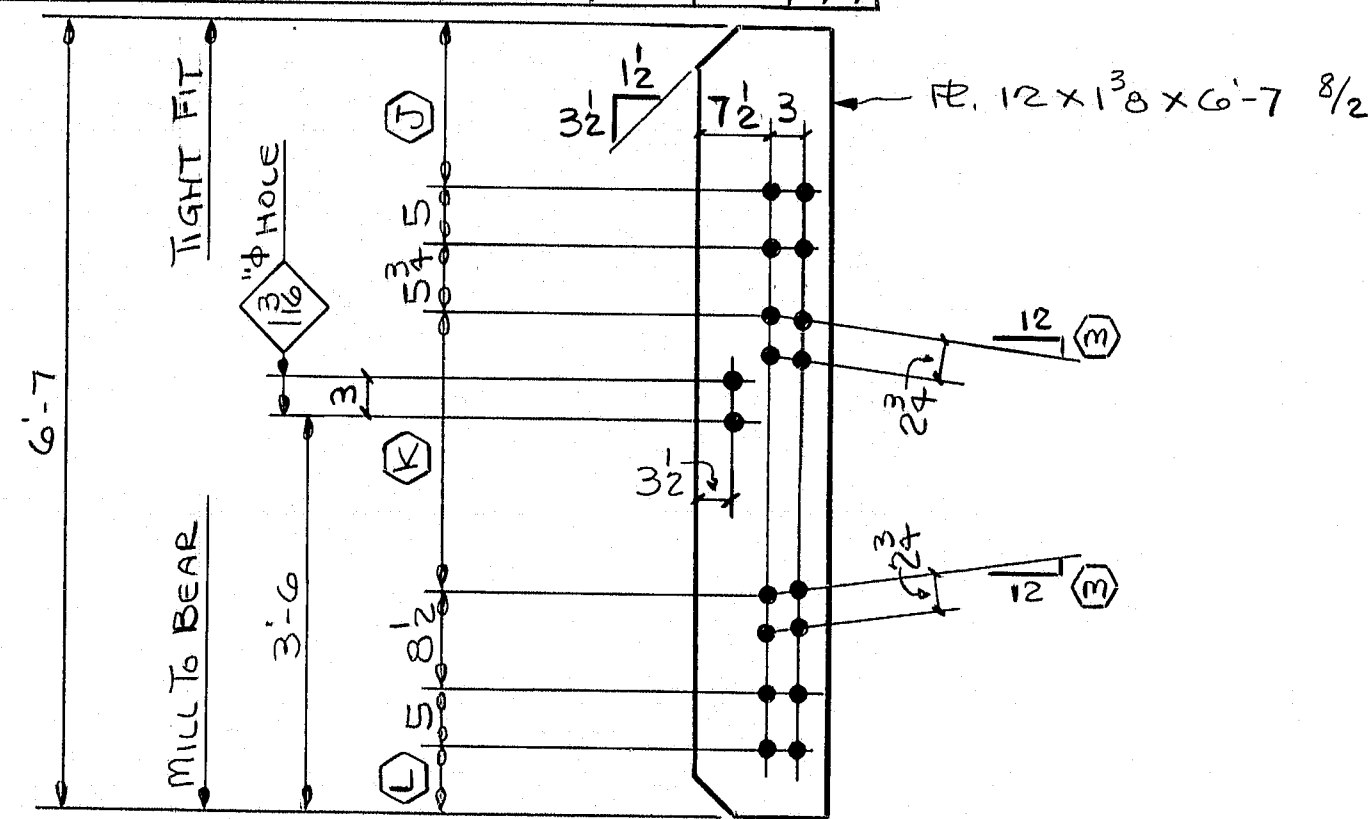
REQ'D.	MARK	(C)	(D)
ONE	X1b	16	14
ONE	X1c	12	12
2	X1d	38	12
ONE	X1e	5	10
ONE	X1f	5	8
2	X1g	11	14
8	X1h	16	24

REQ'D.	MARK	(E)	(F)
ONE	X1i	16	14
ONE	X1j	12	12
2	X1k	38	12
ONE	X1l	5	10
ONE	X1m	5	8
2	X1n	11	14
8	X1o	16	24

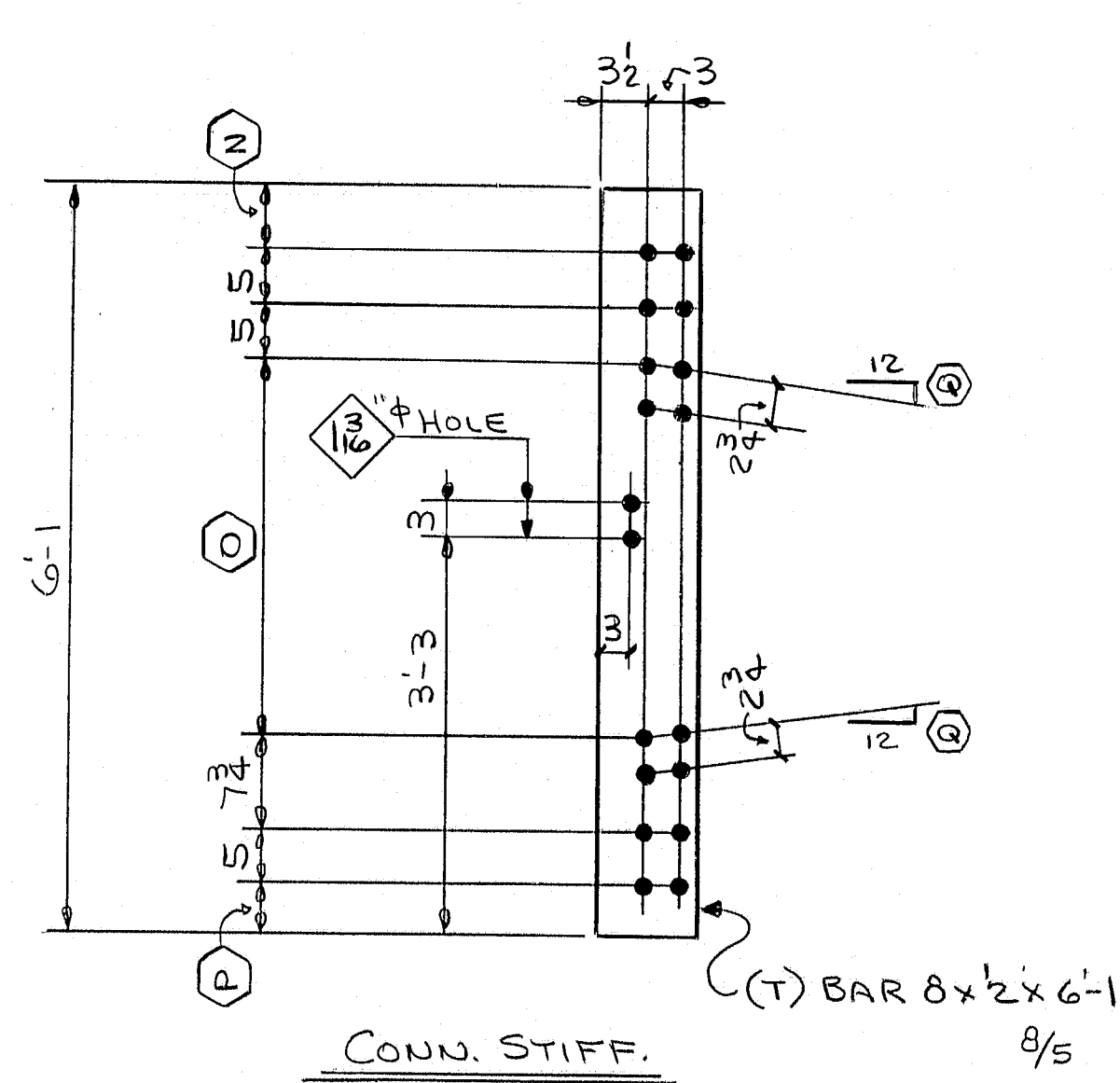
REQ'D.	MARK	(G)
4	X1p	14
3	X1q	24
3	X1r	1
ONE	X1s	24
ONE	X1t	1

REQ'D.	MARK	(H)
2	X1u	16
3	X1v	12
ONE	X1w	38
2	X1x	58

REQ'D.	MARK	(I)
2	X1y	16
3	X1z	12
ONE	X1aa	38
2	X1ab	58

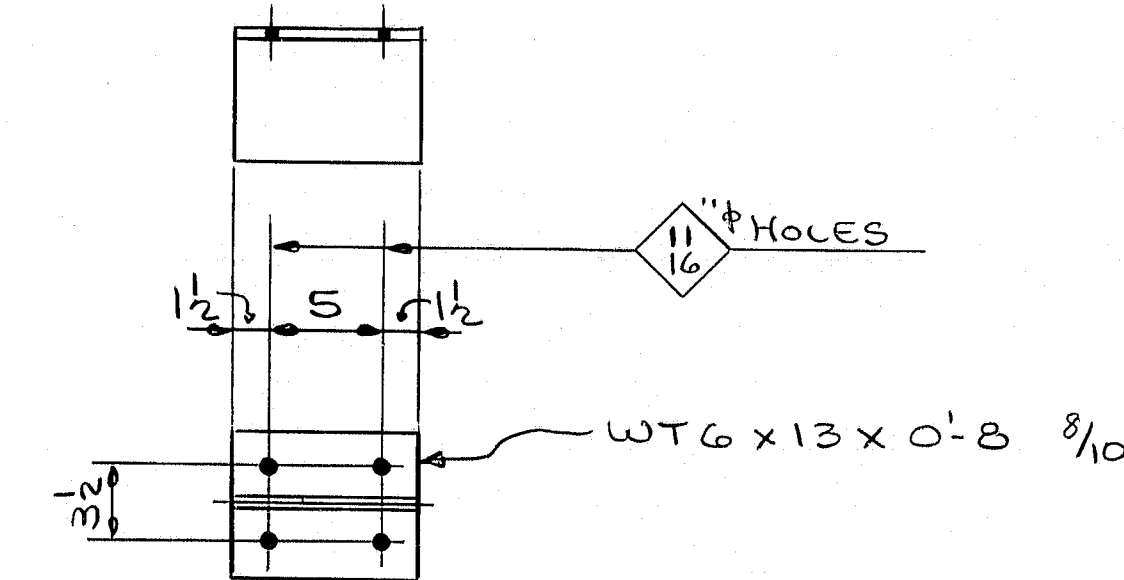


REQ'D.	MARK	(J)	(K)	(L)	(M)
ONE	X1bb	1'-2"	2'-9"	7/2	2/16
↑	X1bc	5	2'-9"	1'-4"	2/16
↑	X1bd	1'-1"	2'-9"	7/2	2/8
ONE	X1be	5	2'-9"	1'-4"	2/8
2	X1bf	1'-1"	2'-9"	7/2	2/8
2	X1bg	5	2'-9"	1'-4"	2/8
ONE	X1bh	1'-0"	2'-11"	7/2	2/16
↑	X1bi	5	2'-11"	1'-2"	2/16
↑	X1bj	1'-1"	2'-9"	7/2	2/16
ONE	X1bk	5	2'-9"	1'-4"	2/16
2	X1bl	1'-3"	2'-8"	7/2	2/8
2	X1bm	5	2'-8"	1'-5"	2/8



CONN. STIFF.
SEE SCHEDULE @ RIGHT

REQ'D.	MARK	(N)	(O)	(P)	(Q)
ONE	X1bw	1'-0"	2'-9"	4/2	2
↑	X1bx	2/4	2'-9"	1'-2"	↑
↑	X1by	11/4	2'-10"	4/2	↑
ONE	X1bz	2/4	2'-10"	1'-12"	2
2	X1ca	11	2'-10"	4/2	2/16
2	X1cb	2/4	2'-10"	1'-0"	2/16
ONE	X1cc	9/2	3'-0"	4/2	2/16
↑	X1cd	2/4	3'-0"	11/4	2/16
↑	X1ce	11/8	2'-9"	4/2	2/16
ONE	X1cf	2/4	2'-9"	1'-1"	2/16
2	X1cg	1'-1"	2'-8"	4/2	2
↑	X1ch	2/4	2'-8"	1'-2"	2
↑	X1ci	11/8	2'-9"	4/2	2/8
↑	X1cj	2/4	2'-9"	1'-1"	2/8
↑	X1ck	11/2	2'-10"	4/2	2/8
2	X1cl	2/4	2'-10"	1'-14"	2/8
ONE	X1cm	10/4	2'-11"	4/2	2/16
ONE	X1cn	2/4	2'-11"	1'-0"	2/16
2	X1co	11/8	2'-10"	4/2	2/4
2	X1cp	2/4	2'-10"	1'-1"	2/4
ONE	X1cq	11/8	2'-10"	4/2	2/4
ONE	X1cr	2/4	2'-10"	1'-0"	2/4
ONE	X1cs	2/4	2'-10"	1'-0"	2/4
ONE	X1ct	2/4	2'-10"	1'-0"	2/4
ONE	X1cu	2/4	2'-10"	1'-0"	2/4
ONE	X1cv	2/4	2'-10"	1'-0"	2/4
ONE	X1cw	2/4	2'-10"	1'-0"	2/4
ONE	X1cx	2/4	2'-10"	1'-0"	2/4
ONE	X1cy	2/4	2'-10"	1'-0"	2/4
ONE	X1cz	2/4	2'-10"	1'-0"	2/4



9 - SCUPPER CONN. - MK. X1dg

SHOP NOTE
HOLES: 1/2" (U.N.)
BOLTS: NONE
PAINT: NONE

FOR GENERAL NOTES, SEE DWG. N1.
ALL STEEL TO BE A.S.T.M. A588.
(T) INDICATES CHARPY-V NOTCH TEST REQ'D.

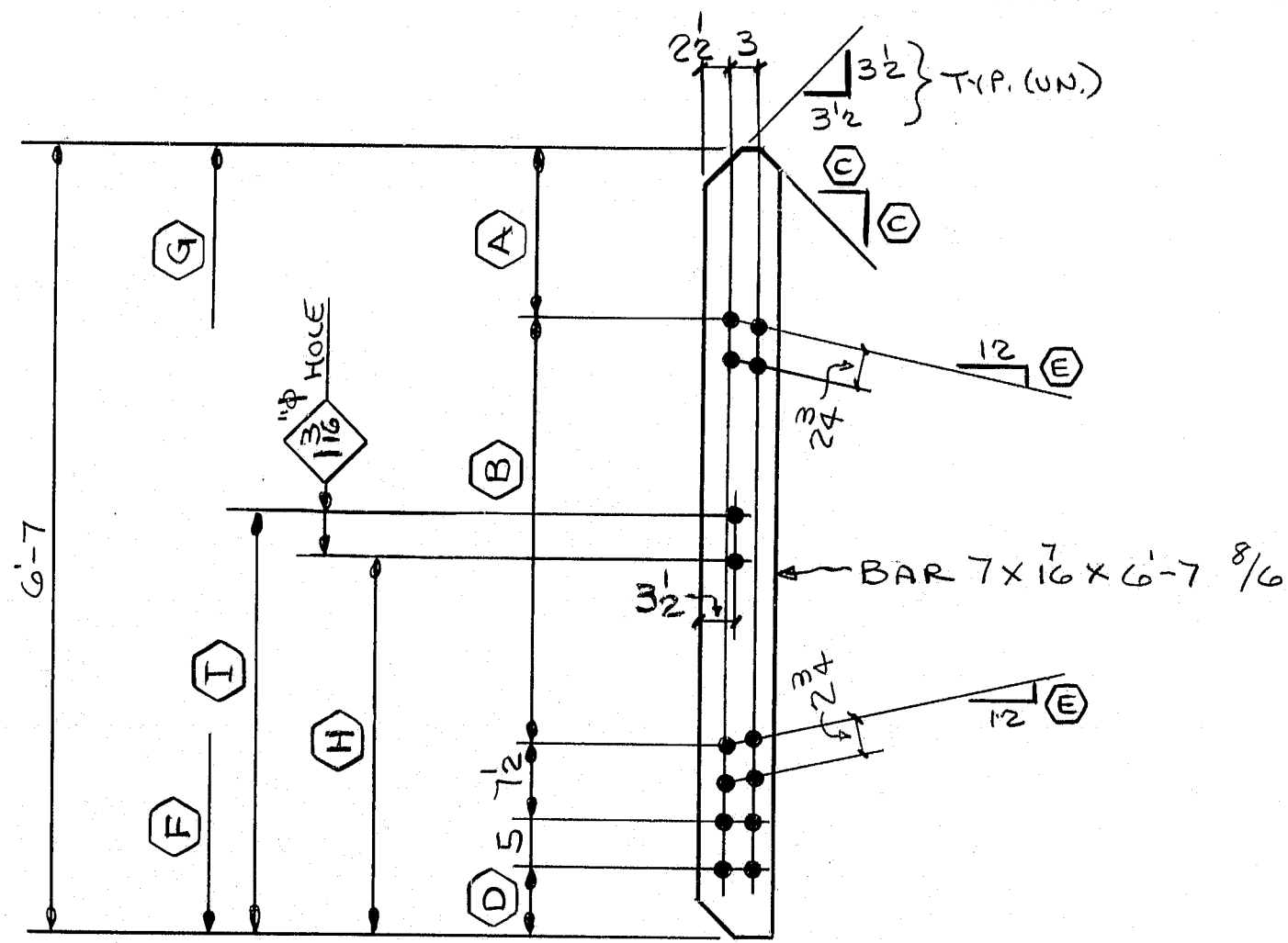
R95-109

NO. 1	REVISION	CONTRACT REVISION	DATE 9-10-84
HIGH STEEL STRUCTURES, INC.			
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211			
A Subsidiary of High Industries, Inc.			
JOB STANDARDS			
I-395 BRIDGE OVER PENOBSCOT RIVER			
I-395 BRIDGE STA. 164+60.00			
PENOBSCOT COUNTY			
STATE OF MAINE			
DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT	6	CONTRACTOR	CIANBRE CORP.
OR REF. NO.			
IN CHARGE	HINKLE	MADE BY	G.F.Z. CHK'D BY JLC
CONTRACT NUMBER	ME-84088-1	DRAWING NUMBER	X1

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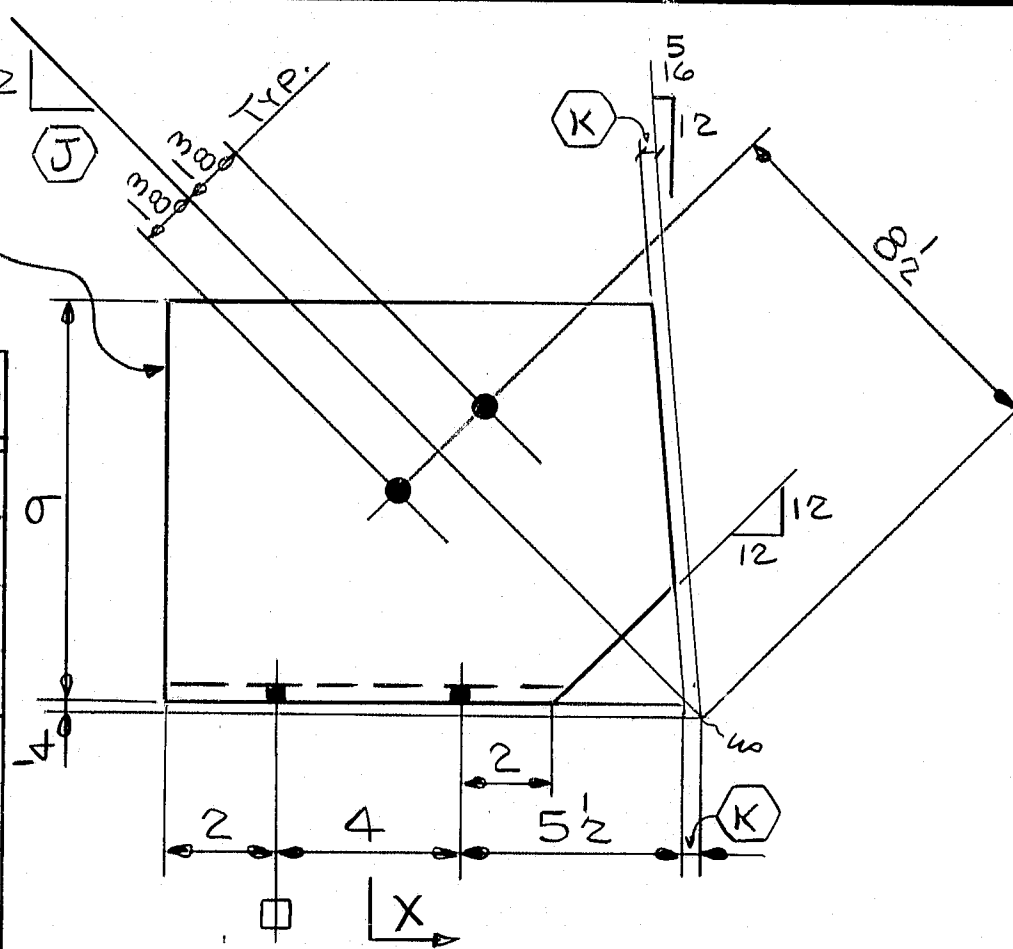
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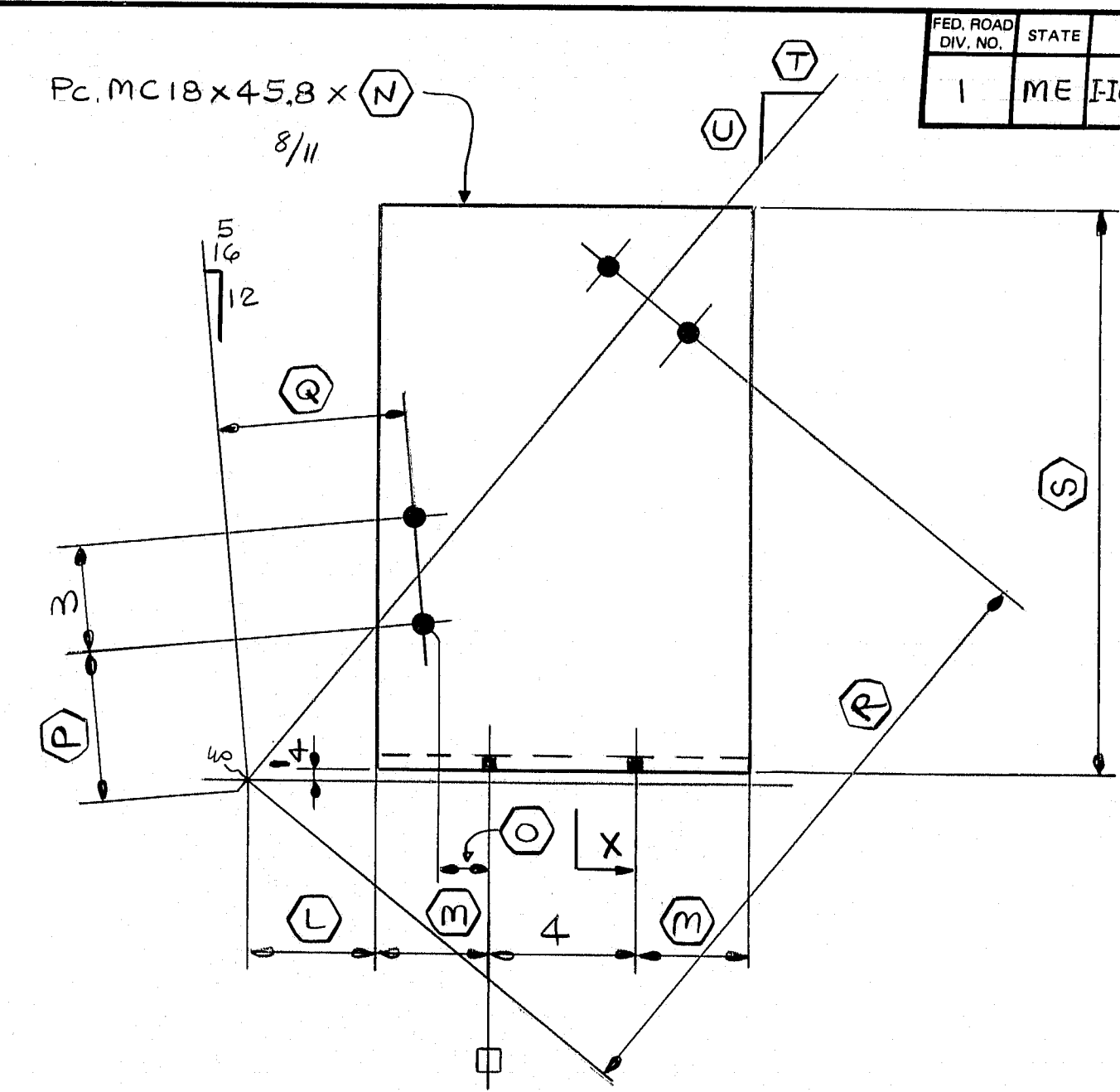
INT. CONN. RS.

REQD.	MARK	A	B	C	D	E	F	G	H	I
ONE	X2a	1'-4 3/8	3'-6 3/8	-	7'-2	2'-3	TIGHT FIT	-	3'-6	-
↑	X2b	6'-3/4	3'-6 3/8	-	1'-5 5/8	2'-3	↑	-	↑	-
↓	X2c	1'-3 5/8	3'-7 3/8	-	7'-2	2'-6	↓	-	↓	-
ONE	X2d	6'-3/4	3'-7 3/8	-	1'-4 3/8	2'-6	↑	-	↑	-
2	X2e	1'-2	3'-9	-	7'-2	2'-6	↓	-	↓	-
2	X2f	6'-3/4	3'-9	-	1'-2 3/4	↑	↑	-	↑	-
ONE	X2g	1'-0 1/2	3'-10 1/2	-	7'-2	↑	↑	-	↑	-
↑	X2h	6'-3/4	3'-10 1/2	-	1'-1 1/4	2'-6	↑	-	↑	-
↑	X2i	1'-5 1/4	3'-5 1/4	-	7'-2	2'-6	↑	-	↑	-
ONE	X2j	6'-3/4	3'-5 1/4	-	1'-6	2'-6	↑	-	↑	-
2	X2k	1'-6 1/2	3'-4 1/2	-	7'-2	2'-6	↑	-	↑	-
2	X2l	6'-3/4	3'-4 1/2	-	1'-7 1/4	2'-6	↑	-	↑	-
ONE	X2m	1'-4 1/4	3'-6 1/4	-	7'-2	2'-6	↑	-	↑	-
↑	X2n	6'-3/4	3'-6 1/4	-	1'-5 1/2	↑	↑	-	↑	-
↓	X2o	1'-3 3/4	3'-7 1/4	-	7'-2	2'-6	↓	-	↓	-
ONE	X2p	6'-3/4	3'-7 1/4	-	1'-4 1/2	2'-6	↑	-	↑	-
2	X2q	1'-2 1/2	3'-8 1/2	-	7'-2	2'-6	↑	-	↑	-
2	X2r	6'-3/4	3'-8 1/2	-	1'-3 1/4	↑	↑	-	↑	-
ONE	X2s	1'-0 3/8	3'-10 3/8	-	7'-2	↑	↑	-	↑	-
↑	X2t	6'-3/4	3'-10 3/8	-	1'-1 5/8	2'-6	↑	-	↑	-
↓	X2u	1'-4 3/4	3'-6 1/4	-	7'-2	2'-3	↓	-	↓	-
ONE	X2v	6'-3/4	3'-6 1/4	-	1'-5 1/2	2'-3	↑	-	↑	-
2	X2w	1'-6	3'-5	-	7'-2	2'-6	↑	-	↑	-
2	X2x	6'-3/4	3'-5	-	1'-6 3/4	2'-6	TIGHT FIT	-	3'-6	-
ONE	X2y	1'-4 3/8	3'-6 5/8	-	7'-2	2'-6	↑	-	↑	-
↑	X2z	6'-3/4	3'-6 5/8	-	1'-5 5/8	↑	↑	-	↑	-
↓	X2aa	1'-3 3/8	3'-7 3/8	-	7'-2	↑	↑	-	↑	-
ONE	X2ab	6'-3/4	3'-7 3/8	-	1'-4 5/8	2'-6	↑	-	↑	-
2	X2ac	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2ad	6'-3/4	3'-7 3/8	-	1'-4 3/8	2'-5	↑	-	↑	-
2	X2ae	1'-1 7/8	3'-9 3/8	-	7'-2	2'-4	↑	-	↑	-
ONE	X2af	6'-3/4	3'-9 3/8	-	1'-2 5/8	2'-4	↑	-	↑	-
ONE	X2ag	6'-3/4	3'-9 3/8	-	1'-2 5/8	2'-4	↑	-	↑	-
ONE	X2ah	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2ai	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2aj	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2ak	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2al	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2am	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2an	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2ao	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2ap	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2aq	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2ar	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2as	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2at	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2au	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2av	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2aw	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2ax	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2ay	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2az	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2ba	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2bb	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-
ONE	X2bc	1'-3 3/8	3'-7 3/8	-	7'-2	2'-5	↑	-	↑	-

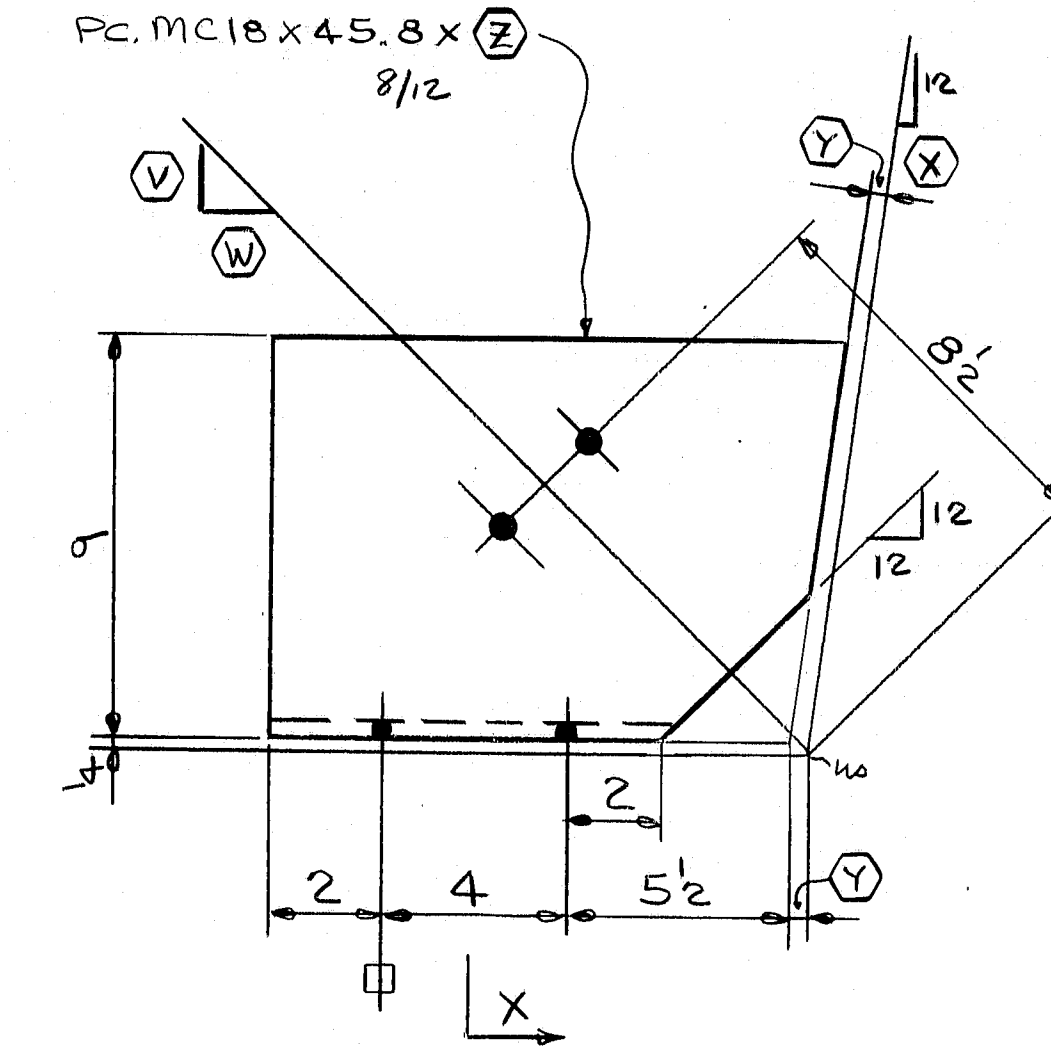
REQD.	MARK	A	B	C	D	E	F	G	H	I
ONE	X2bd	6'-3/4	3'-7 3/8	-	1'-4 5/8	2'-5	-	TIGHT FIT	-	3'-9
2	X2bf	1'-4 3/8	3'-6 3/8	-	7'-2	2'-6	-	-	-	3'-9
2	X2bg	6'-3/4	3'-6 3/8	-	1'-5 5/8	2'-6	-	-	-	3'-9
ONE	X2bh	1'-4 3/8	3'-6 3/8	-	7'-2	2'-5	-	-	-	3'-6
↑	X2bk	6'-3/4	3'-6 3/8	-	1'-4 3/8	↑	-	-	-	-
↓	X2bm	1'-3 3/4	3'-7 1/4	-	7'-2	↓	-	-	-	-
ONE	X2bn	6'-3/4	3'-7 1/4	-	1'-4 1/2	↑	-	-	-	-
2	X2bp	1'-3 1/2	3'-7 1/2	-	7'-2	↓	-	-	-	-
2	X2bs	6'-3/4	3'-7 1/2	-	1'-4 1/4	2'-5	-	-	-	-
ONE	X2bt	1'-2 3/8	3'-8 3/8	-	7'-2	2'-6	-	-	-	-
↑	X2bw	6'-3/4	3'-8 3/8	-	1'-2 3/8	2'-6	-	-	-	-
↓	X2by	1'-3 3/8	3'-7 3/8	-	7'-2	2'-4	-	-	-	-
ONE	X2ca	6'-3/4	3'-7 3/8	-	1'-4 3/8	2'-4	-	-	-	-
2	X2cb	1'-4 1/4	3'-6 3/4	-	7'-2	2'-6	-	-	-	-
2	X2cc	6'-3/4	3'-6 3/4	-	1'-5	↑	-	TIGHT FIT	-	3'-6
ONE	X2cd	1'-3 3/8	3'-7 3/8	1'-4	7'-2	↑	-	-	-	3'-9
↑	X2cf	6'-3/4	3'-7 3/8	↑	1'-4 5/8	↑	-	-	-	↑
↓	X2cg	1'-3 3/4	3'-7 1/4	7'-2	↓	↓	-	-	-	↓
ONE	X2ch	6'-3/4	3'-7 1/4	1'-4 1/2	↑	↑	-	-	-	↑
2	X2ck	1'-3 3/8	3'-7 3/8	7'-2	↓	↓	-	-	-	↓
2	X2cm	6'-3/4	3'-7 3/8	1'-4 3/8	2'-6	↑	-	-	-	↑
ONE	X2cn	1'-2 3/8	3'-8 3/8	7'-2	2'-6	↑	-	-	-	↑
↑	X2cp	6'-3/4	3'-8 3/8	1'-3 3/8	↑	↑	-	-	-	↑
↓	X2cs	1'-3	3'-8	7'-2	↓	↓	-	-	-	↓
ONE	X2ct	6'-3/4	3'-8	1'-3 3/4	2'-6	↑	-	-	-	↑
2	X2cw	1'-3 3/8	3'-7 3/8	7'-2	2'-6	↑	-	-	-	↑
2	X2cy	6'-3/4	3'-7 3/8	1'-4 3/8	2'-6	↑	-	-	-	↑
ONE	X2da	1'-3 3/4	3'-7 1/4	7'-2	2'-4	↑	-	-	-	↑
ONE	X2db	6'-3/4	3'-7 1/4	1'-4 1/2	↑	↑	-	-	-	↑
2	X2dc	1'-3 3/8	3'-7 3/8	7'-2	↑	↑	-	-	-	↑
2	X2dd	6'-3/4	3'-7 3/8	1'-4 3/8	↑	↑	-	-	-	↑
ONE	X2df	1'-3 1/2	3'-7 1/2	7'-2	↓	↓	-	-	-	↓
↑	X2dg	6'-3/4	3'-7 1/2	1'-4 1/4	2'-4	↑	-	-	-	↑
↓	X2dh	1'-2 3/4	3'-8 1/4	7'-2	3	↓	-	-	-	↓
↓	X2dk	6'-3/4	3'-8 1/4	1'-3 1/2	↑	↑	-	-	-	↑
↓	X2dm	1'-2 3/8	3'-8 3/8	7'-2	↓	↓	-	-	-	↓
ONE	X2dn	6'-3/4	3'-8 3/8	1'-3 3/8	↑	↑	-	-	-	↑
2	X2dp	1'-3	3'-8	7'-2	↓	↓	-	-	-	↓
2	X2ds	6'-3/4	3'-8	1'-3 3/4	3	↑	-	-	-	↑
3	X2dt	1'-3 1/2	3'-7 1/2	7'-2	2'-6	↑	-	-	-	↑
3	X2dw	6'-3/4	3'-7 1/2	1'-4 1/4	↑	↑	-	-	-	↑
ONE	X2dy	1'-3 3/8	3'-7 3/8	7'-2	↓	↓	-	-	-	↓
ONE	X2fa	6'-3/4	3'-7 3/8	1'-4 3/8	2'-6	↑	-	-	-	↑
2	X2fb	1'-2 3/4	3'-8 1/4	7'-2	3'-6	↑	-	-	-	↑
↑	X2fc	6'-3/4	3'-8 1/4	1'-3 1/2	↑	↑	-	-	-	↑
↓	X2fd	1'-2 1/2	3'-8 1/2	7'-2	↓	↓	-	-	-	↓
2	X2ff	6'-3/4	3'-8 1/2	1'-3 1/4	3'-6	TIGHT FIT	-	-	-	3'-6



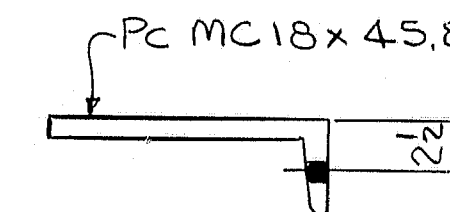
REQD.	MARK	J	K
ONE	X2fg	11 15/16	4
ONE	X2fh	10 3/8	4
ONE	X2fk	10 1/2	11/16



REQD.	MARK	L	M	N	O	P	Q	R	S	T	U
ONE	X2fm	3 1/2	3 3/8	10 1/4	1 1/2	4 1/4	5 1/4	1'-5 1/4	1'-3 1/2	9 1/2	12
ONE	X2fn	3 1/2	2 3/8	9 3/4	1 1/4	4 1/4	5 1/4	1'-1 1/4	1'-0 1/4	12	8 1/2
ONE	X2fp	3 3/8	3 3/4	11 1/2	1 1/16	9 1/4	5 1/16	1'-6 3/4	1'-4 3/4	10	12



SEE SCHEDULE @ RIGHT



SECTION -X-

SHOP NOTE
HOLES: 15/16" (U.N.)
BOLTS: NONE
PAINT: NONE

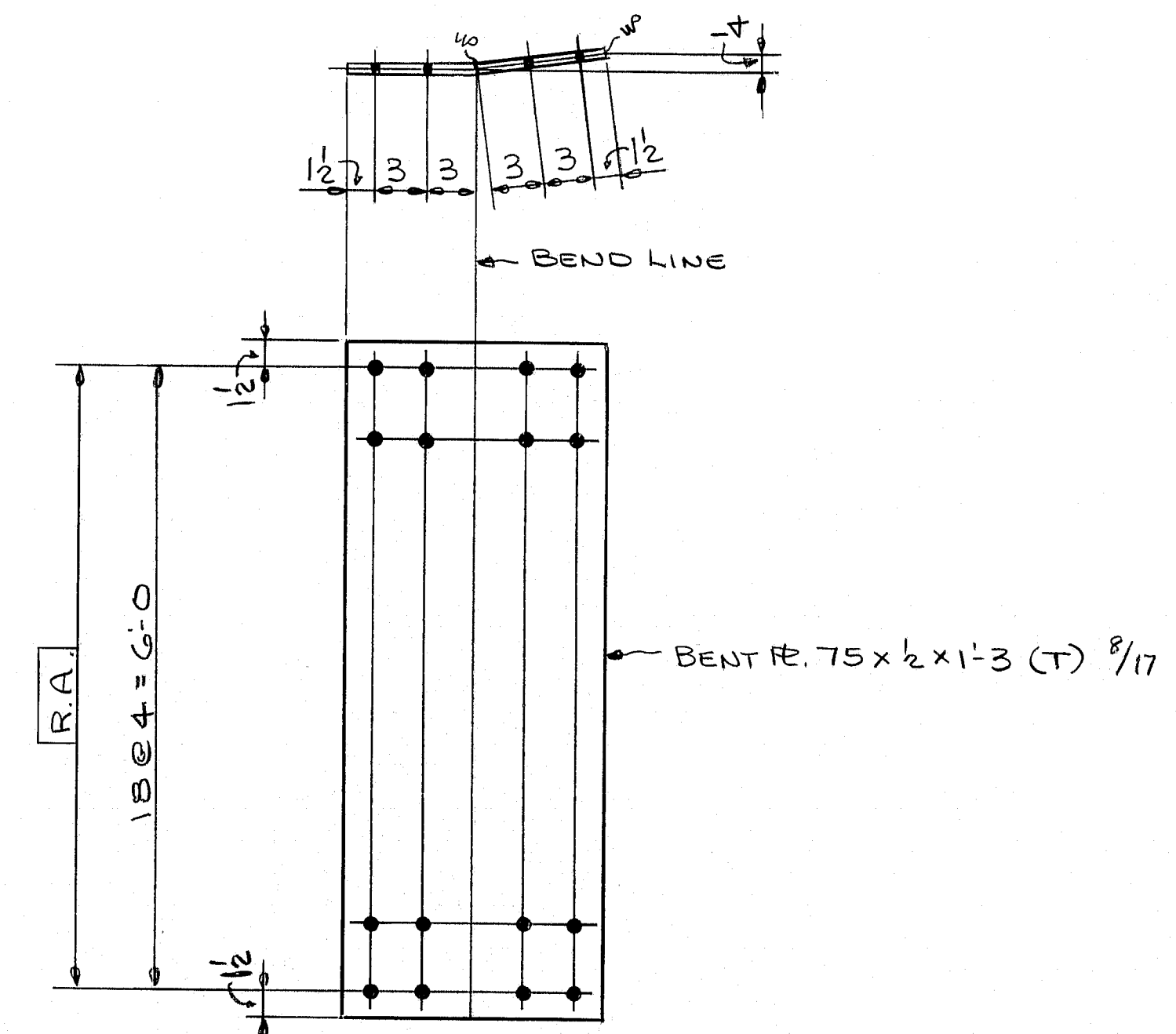
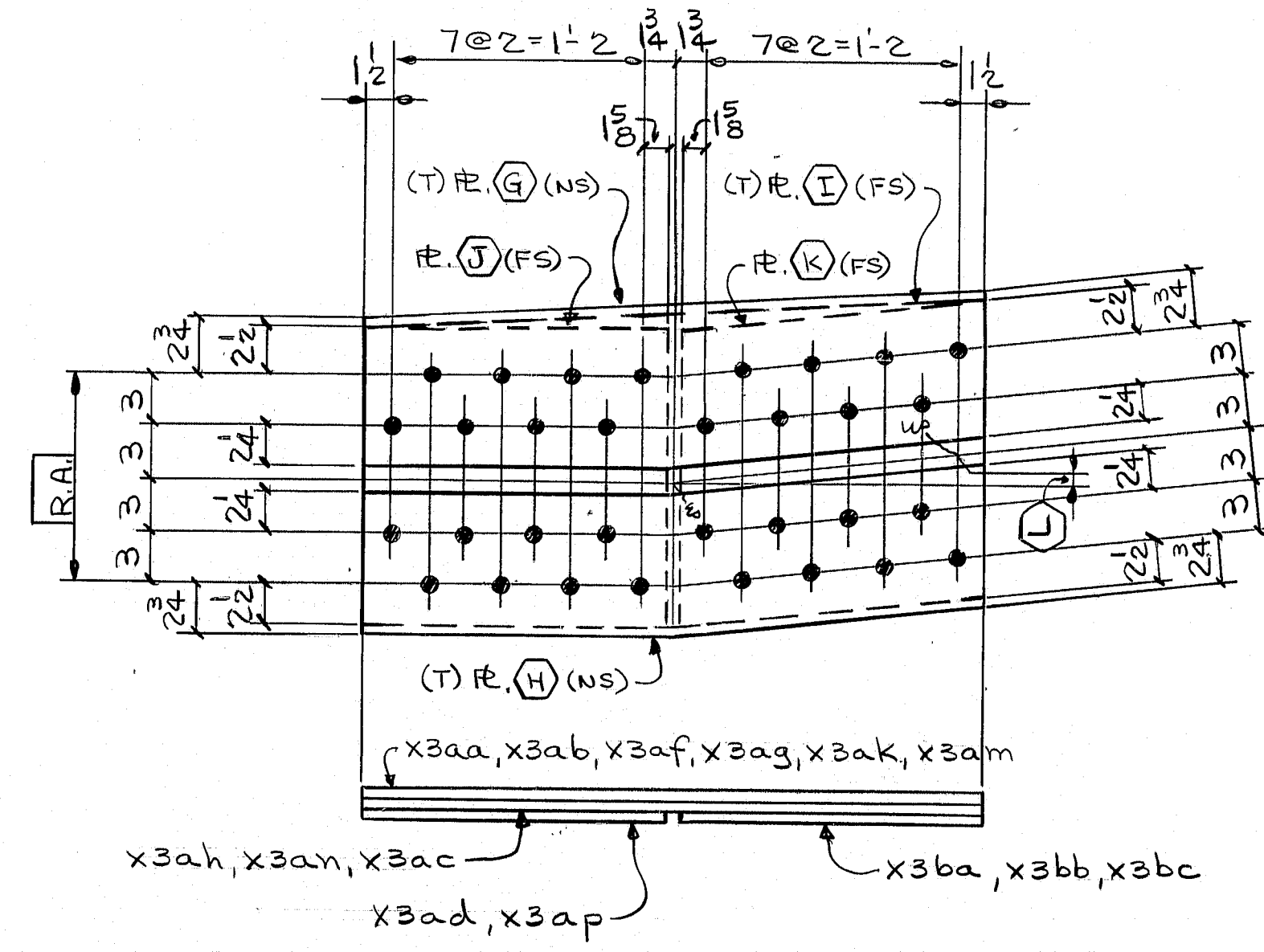
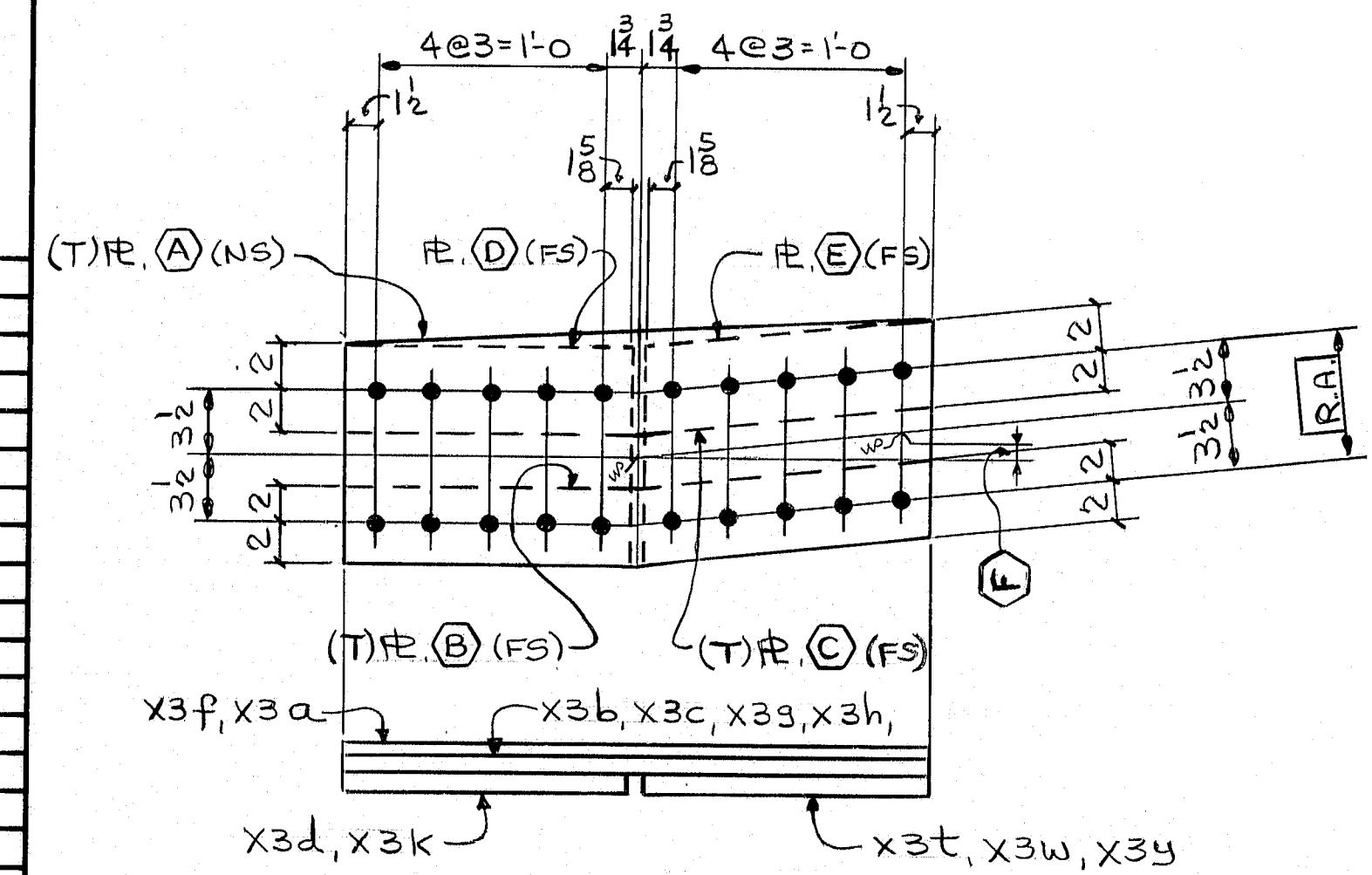
FOR GENERAL NOTES, SEE DWG. N1.
ALL STEEL TO BE A.S.T.M. A588.

R95-110

CODE: 4000

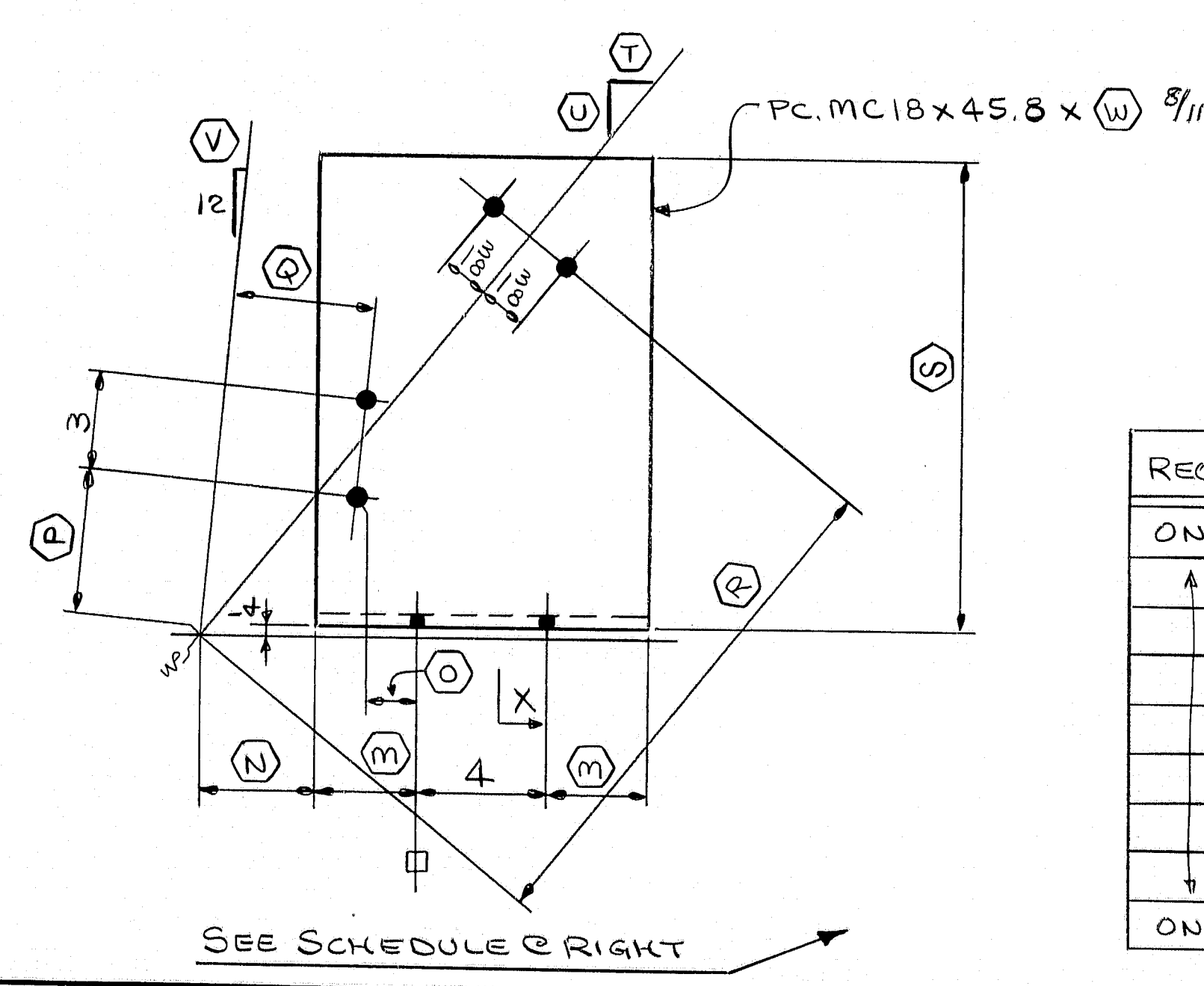
NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC.		
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211		
A Subsidiary of High Industries, Inc.		
JOB STANDARDS		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR CIAMBO CORP.
IN CHARGE: HINKLE	MADE BY: G.F.Z.	CHK'D BY: JLC
CONTRACT NUMBER: ME-84088-1	DRAWING NUMBER: X2	DATE: 5-22-84

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
1	ME	114-395-8(82)176

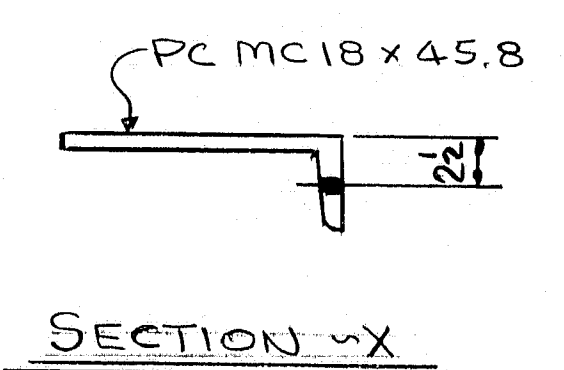


REQD.	MARK	(A)	(B)	(C)	(D)	(E)	(F)
6	X3a	11 1/2 x 1/2 x 2'-6 1/2 #18					
6	X3b		4 1/2 x 3/4 x 2'-6 1/2 #20				1/2
6	X3c			4 1/2 x 3/4 x 2'-6 1/2 #20			
5	X3d				11 x 7/8 x 1'-3 3/8 #25		
14	X3f	11 3/8 x 1/2 x 2'-6 1/2 #19					
14	X3g		4 3/8 x 3/4 x 2'-6 1/2 #21				3/8
14	X3h			4 3/8 x 3/4 x 2'-6 1/2 #21			
5	X3k				11 x 1 x 1'-3 3/8 #26		
3	X3t					11 1/2 x 7/8 x 1'-3 3/8 #22	1/2
2	X3w					11 3/8 x 7/8 x 1'-3 3/8 #23	
5	X3y					11 3/8 x 1 x 1'-3 3/8 #24	3/8

REQD.	MARK	(G)	(H)	(I)	(J)	(K)	(L)
2	X3aa	8 5/8 x 1 x 2'-10 1/2 #30					5/8
2	X3ab		8 5/8 x 1 x 2'-10 1/2 #30				
2	X3ac			17 3/8 x 3/4 x 2'-10 1/2 #27			
5	X3ad				17 x 3/4 x 1'-5 3/8 #21		
11	X3af	8 1/2 x 1 x 2'-10 1/2 #31					
11	X3ag		8 1/2 x 1 x 2'-10 1/2 #31				1/2
11	X3ah			17 1/2 x 3/4 x 2'-10 1/2 #28			
7	X3ak	8 3/8 x 1 x 2'-10 1/2 #32					
7	X3am		8 3/8 x 1 x 2'-10 1/2 #32				3/8
7	X3an			17 3/8 x 3/4 x 2'-10 1/2 #29			
5	X3ap				17 x 3/4 x 1'-5 3/8 #20		
ONE	X3ba					17 5/8 x 4 x 1'-5 1/8 #17	5/8
8	X3bb					17 1/2 x 4 x 1'-5 1/8 #18	1/2
ONE	X3bc					17 3/8 x 4 x 1'-5 1/8 #19	3/8



REQD.	MARK	(M)	(N)	(O)	(P)	(Q)	(R)	(S)	(T)	(U)	(V)	(W)
ONE	X3bg	3 1/4	3 3/4	1 5/8	4 1/4	5 1/4	1'-5 3/4	1'-3 1/2	10 1/2	12	1 1/2	10 1/2
	X3bh	3 3/8	4	1 7/8	4 1/2	5 1/2	1'-5 3/4	1'-3 3/4	10 1/2	12	1 1/2	10 1/2
	X3bk	3 1/2	4	1 7/8	4 1/2	5 1/2	1'-5 3/4	1'-3 3/4	10 1/2	12	1"	10 1/2
	X3bm			1 5/8			1'-2 1/2	11	12	8 1/2	1 1/2	
	X3bn			1 7/8			1'-2 1/2	11	12	8 1/2	1 1/2	
	X3bp	3 3/4	4	1 7/8	4 1/2	5 1/2	1'-2 1/2	11	12	8 3/8	1"	
	X3bs	4 1/2	5 1/4	1 7/8	4 1/2	5 1/2	1'-6 1/2	1'-4 1/4	10 3/4	12	1 1/2	
	X3bt	4 1/2	5 1/4	1 7/8	4 1/2	5 1/2	1'-6 1/2	1'-4 1/4	10 3/4	12	1 1/2	
ONE	X3bw	3 1/4	4 1/2	1 7/8	4 1/2	5 1/2	1'-6 1/2	1'-4 1/4	10 1/2	12	1"	10 1/2



SHOP NOTE
HOLES: 1 1/2" (UN)
BOLTS: NONE
PAINT: NONE

FOR GENERAL NOTES, SEE DWG. N1.
 ALL STEEL TO BE A.S.T.M. A588.
 (T) INDICATES CHARPY-V NOTCH TEST REQD.

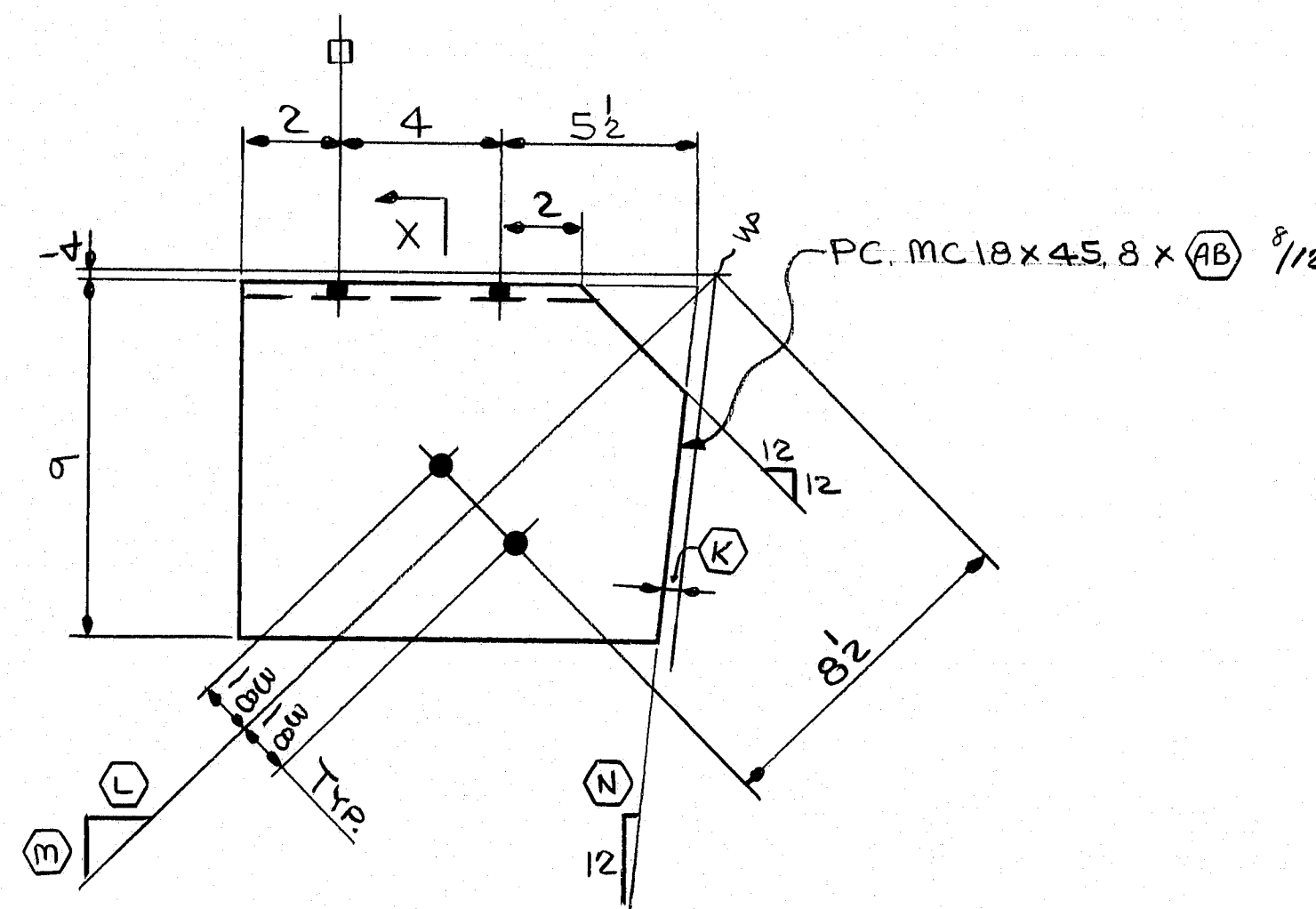
R95-111

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC. 1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/298-5211 A Subsidiary of High Industries, Inc.		
JOB STANDARDS I-395 BRIDGE OVER PENOBSCOT RIVER I-395 BRIDGE STA. 164+60.00 PENOBSCOT COUNTY STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	CONTRACTOR	DATE
6	LANBRO CORP.	
IN CHARGE:	MADE BY:	CHECKED BY:
HINKLE	G.F.X.	J.L.C.
CONTRACT NUMBER:	DRAWING NUMBER:	DATE:
ME-84088-1	X3	5-22-84

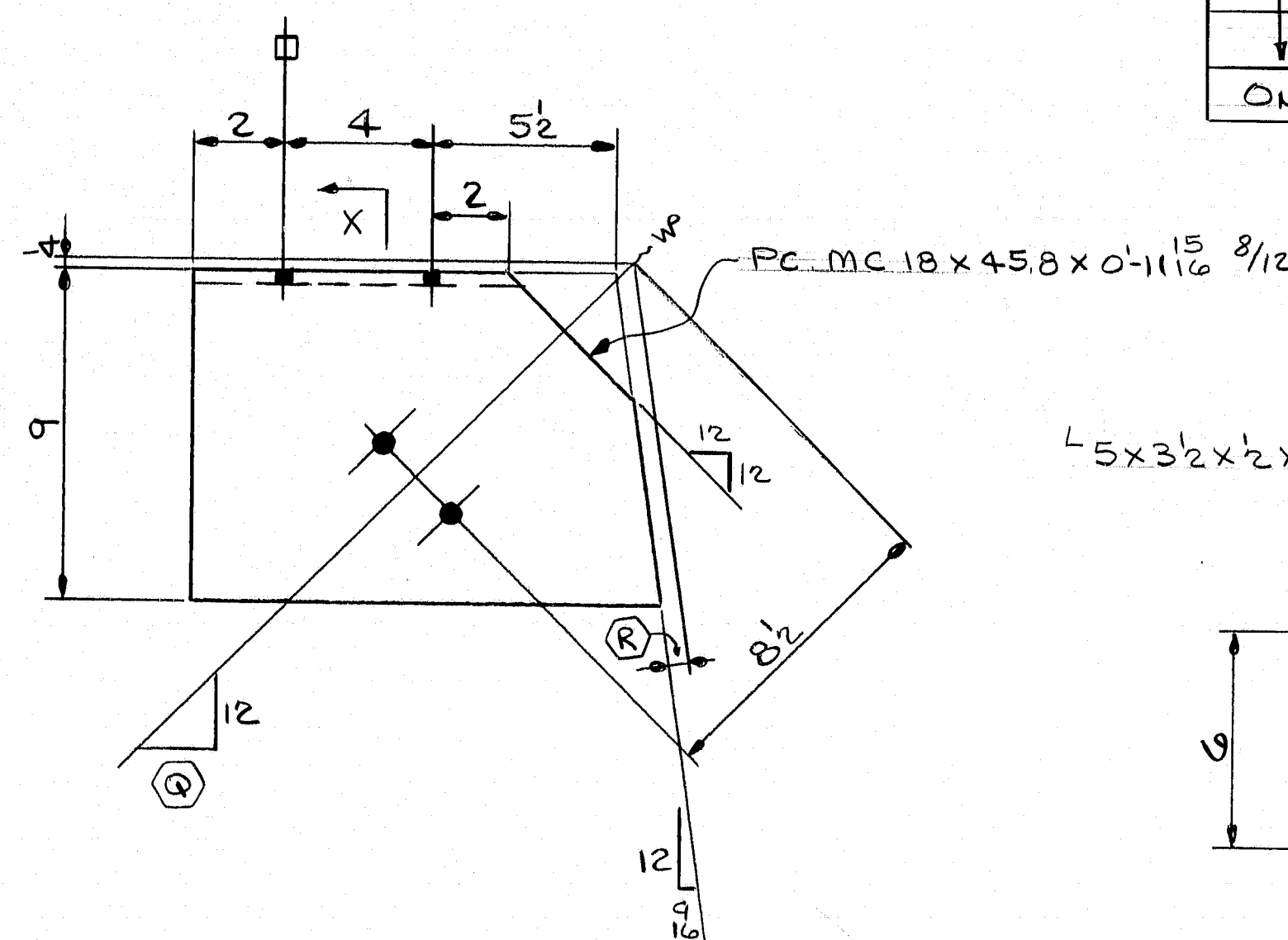
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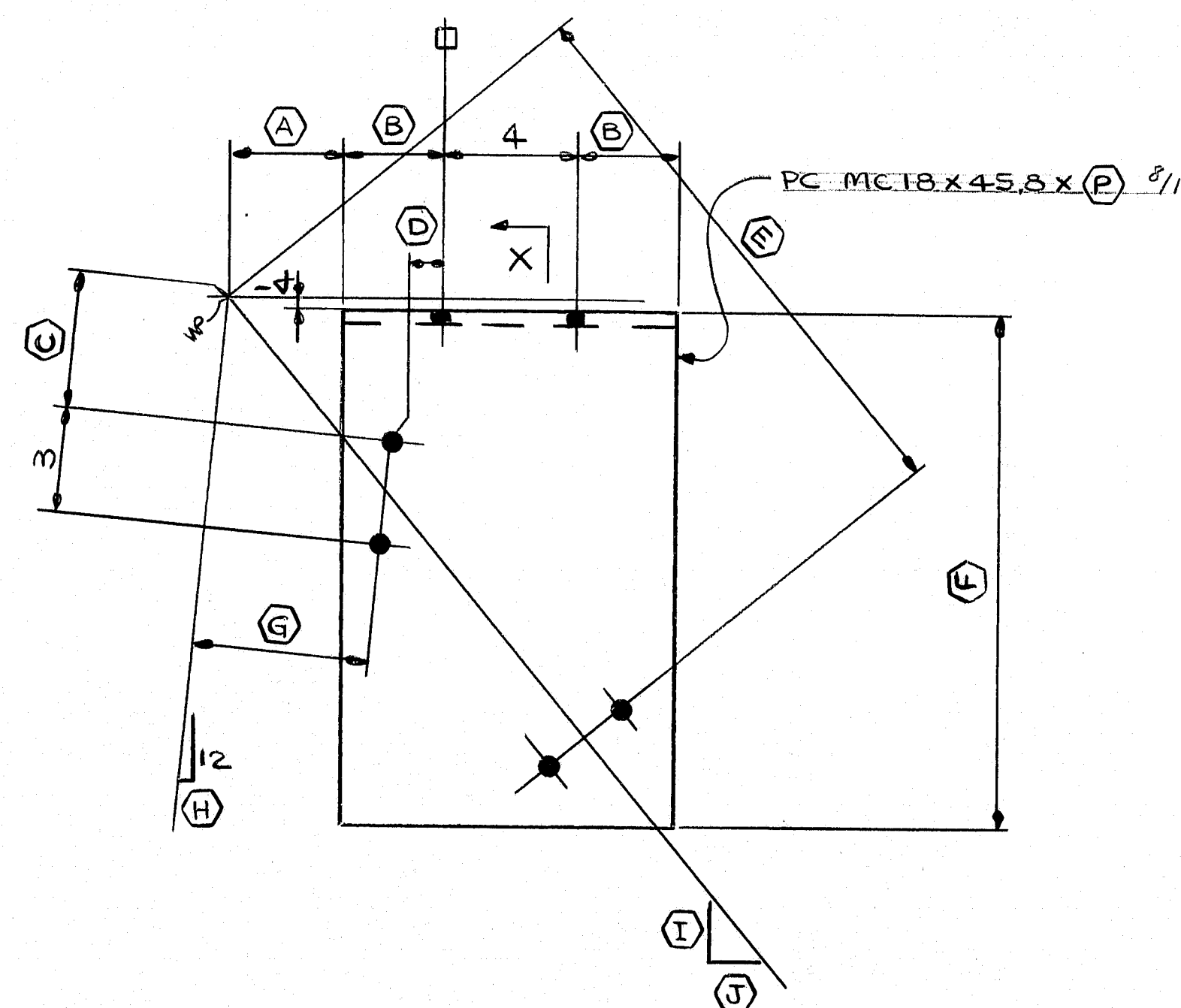
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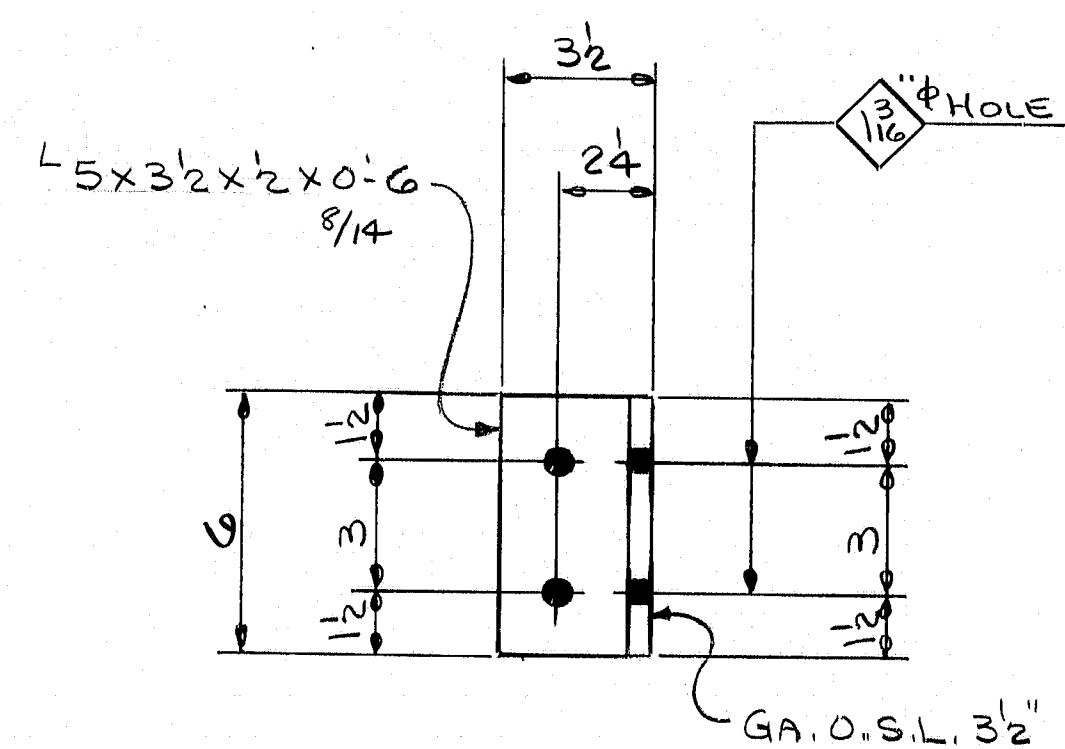
REQ'D	MARK	(K)	(L)	(M)	(N)	(AB)
ONE	X4a	11 1/16	10 1/8	12	7 3/8	11 1/16
	X4b	11 1/16	9 1/16		7 1/16	11 3/8
	X4c	11 1/16	10 1/4		7 1/8	11 1/4
	X4d	14	11 1/16	12	7 3/8	11 1/16
	X4f		12	9 3/8	7 1/16	11 3/8
	X4g		12	8 3/8	7 1/8	11 1/4
	X4h		10 1/16	12	7 3/8	11 1/16
	X4k		9 3/8	12	7 1/16	11 3/8
ONE	X4m	14	10 1/16	12	7 1/8	11 1/4



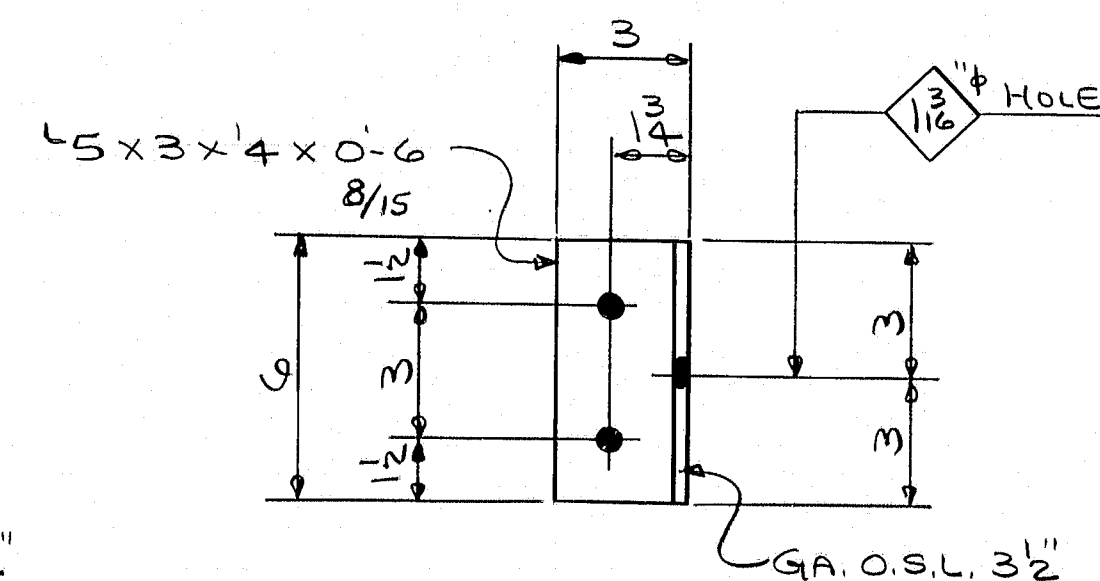
REQ'D	MARK	(Q)	(R)
ONE	X4ad	11 1/8	14
ONE	X4af	9 1/16	14
ONE	X4ag	9 3/8	11 1/16



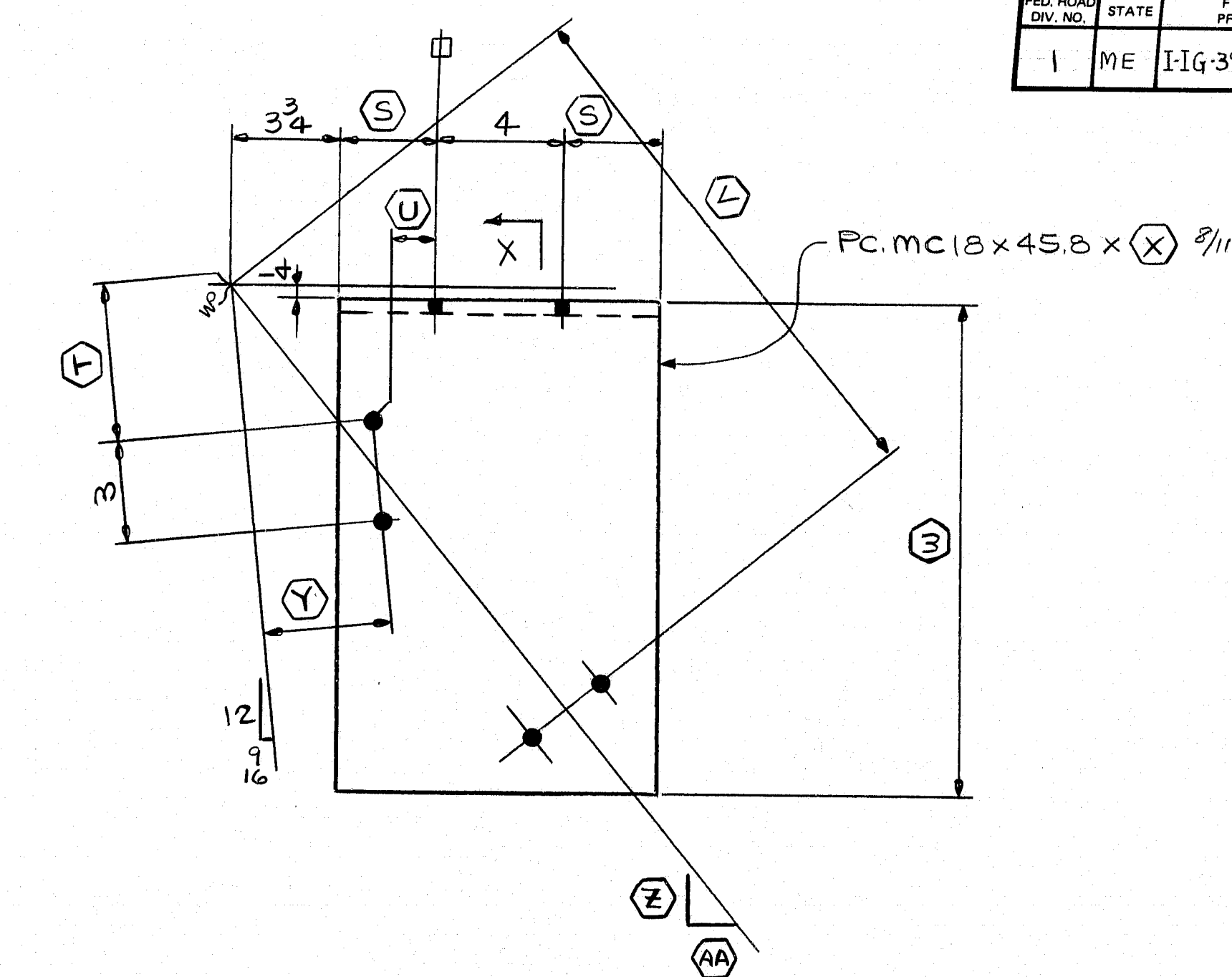
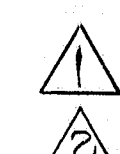
REQ'D	MARK	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(P)
ONE	X4n	3	3	9 1/4	1 1/2	1-4	1-3 1/4	5 1/16	3 1/16	12	10 1/16	10
	X4p	3	3	9 1/4	5/8	1-4	1-3 1/4	5 1/16	1 1/16		9 3/8	10
	X4s	3	3	9 1/4	1"	1-4	1-3 1/4	5 1/16	7/8		8 1/16	10
	X4t	3 3/8	2 1/4	4 1/4	1 1/16	1-3	1-1 3/4	5 1/4	3 1/8		9 3/8	8 1/2
	X4w	3 1/2	2 3/8		1/2	1-3	1-2 1/4		1 1/16		9	8 1/4
	X4y	3 3/8	2 3/8		5/16	1-3	1-2 1/4		7/8	12	8 5/8	8 1/4
	X4aa	3 3/8	2 1/4		1 1/16	1-0	9 1/2		3 1/8	12	8 3/4	8 1/2
	X4ab	3 1/2	2 1/4		5/8	1-0	9 3/4		1 1/16	12	8 3/4	8 1/2
ONE	X4ac	3 1/4	2 1/4	4 1/4	9 1/16	1-0	9 3/4	5 1/4	7/8	9 3/8	12	8 1/2



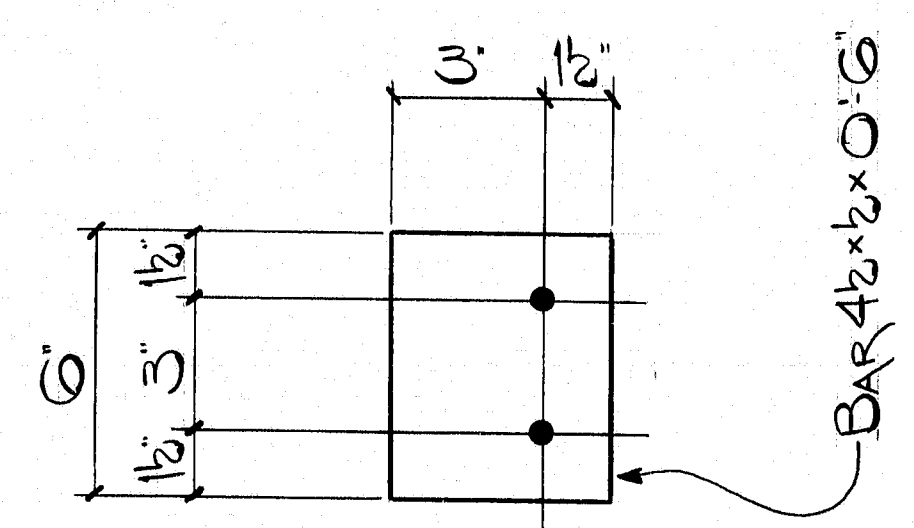
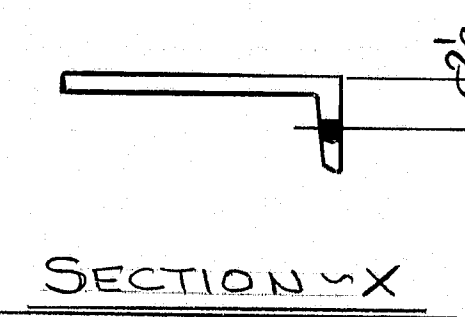
4 - ANGLE - MK. X4an



77 - ANGLE - MK. X4ap



REQ'D	MARK	(S)	(T)	(U)	(V)	(W)	(X)	(Y)	(Z)	(AA)
ONE	X4ah	2 3/8	4 1/4	1 1/16	1-3 1/2	1-2	9 1/4	5 1/4	12	10 5/8
ONE	X4ak	2 1/4	4 1/4	9 1/16	1-0	9 1/4	8 1/2	5 1/4	8 3/8	12
ONE	X4am	2 3/4	9 1/4	3 1/8	1-4	1-2 1/2	9 1/2	5 1/16	12	10 1/16



SHOP NOTE

HOLES: 1 1/2" (U.N.)
 BOLTS: NONE
 PAINT: NONE

FOR GENERAL NOTES, SEE DWG. N1.
 ALL STEEL TO BE A.S.T.M. A588.

R95-112 CODE:4000

FED. ROAD DIV. NO.		STATE	FED. AID PROJ. NO.
1		ME	IIG-315-8(82)16

NO.	REVISION	DATE
1	changed quantities	12-14-84
2	contract revision	DATE 9-10-84
3	control # 14	

HIGH STEEL STRUCTURES, INC.

1905 Old Philadelphia Pike
 Lancaster, Pennsylvania 17603
 Phone 717/299-5211

A Subsidiary of High Industries, Inc.

JOB STANDARDS

I-395 BRIDGE OVER PENOBSCOT RIVER

I-395 BRIDGE STA. 164+60.00

PENOBSCOT COUNTY

STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

STATE CONTRACT OR REF. NO. 6 CONTRACTOR GIANBRO CORP.

IN CHARGE: HINKLE MADE BY: G.F.F. CHK'D BY: JLC DATE: 5-22-84

CONTRACT NUMBER: ME-84088-1 DRAWING NUMBER: X4

GIRDERS "G"									
	A	B	C						
1	7	17	27						
2	8	18	28						
3	9	19	29						
4	10	20	30						
5	11	21	31						
6	12	22	32						
7	13	23	33						
8	14	24	34						
9	15	25	35						
10	16	26	36						

CROSSFRAMES "CF"										
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CROSSFRAMES (KNOCKED DOWN)										
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1	A	thru	A68	-DET'D	ON	DWG.	#3			
2										
3	B	thru	B48	-DET'D	ON	DWG.	#4			
4										
5	B49	thru	B68	-DET'D	ON	DWG.	#5			
6										
7	C	thru	C49	-DET'D	ON	DWG.	#6			
8										
9	E	thru	E6	-DET'D	ON	DWG.	#5			

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GENERAL SHOP NOTES

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
1	ME.	I-10-395-8(82)176

SPECIFICATIONS:
MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS
HIGHWAYS AND BRIDGES (REVISION OF JUNE 1981)
AND SUPPLEMENTALS THERETO, EXCEPT AS MODIFIED ON THE
PLANS AND IN THE SPECIAL PROVISIONS.

MATERIAL:
UNLESS NOTED OTHERWISE, ALL STEEL TO BE ASTM A588, GRADE A, B, FOR G Δ
(T) INDICATES CHARPY V-NOTCH TESTING REQUIRED.
SHOP BOLTS TO BE ASTM A325 TYPE 3 HEAVY HEX. HEAD.
WITH 1 A563 GR. C3 HEAVY HEX. NUT AND 1 F436 WEATHERING WASHER EACH.
HANDRAIL NUTS: A563 GR. C3 HEX. NUT
WASHERS: F436 WEATHERING

NON-DESTRUCTIVE TESTING:
FLANGE AND WEB PLATE SPLICES TO BE RADIOGRAPHICALLY TESTED, AS CALLED FOR ON
DRAWINGS PREFIXED 'FS' AND 'WC', BY A QUALIFIED TECHNICIAN.

MAGNETIC PARTICLE INSPECTION IS REQUIRED ON 10% OF ALL FILLET WELDS IN MAIN MEMBERS. (INCLUDING BEARINGS) Δ
ALL TESTING TO BE DONE UNDER THE SUPERVISION OF MAINE DEPT. OF
TRANSPORTATION INSPECTION PERSONNEL.

REAMING:
HOLES MARKED \square ON DETAIL DRAWINGS TO BE SUB-PUNCHED $\frac{1}{16}$ " ϕ AND REAMED TO
 $\frac{1}{16}$ " ϕ WITH CONNECTING PARTS ASSEMBLED AND MATCH MARKED.

CLEANING: BLAST CLEAN TO SSPC-SP6. FLANGE TO WEB WELD AREAS TO BE
CLEANED TO SSPC-SP6 PRIOR TO WELDING.

PAINTING: NONE

SHOP PROCEDURE:
ALL FLANGE AND WEB PLATE BUTT WELDED SPLICES TO BE MADE BEFORE FINAL
FITTING AND WELDING INTO GIRDER.
CAMBER TOLERANCE: -0 TO +3/4
ALL RE-ENTRANT CUTS TO HAVE 3/4 MIN. RADIUS.
 ϕ INDICATES SET LINE.
NO DIE STAMPING ALLOWED ON ANY PART OF MAIN STRESS CARRYING MEMBERS.
ALL WEB AND FLANGE BUTT JOINTS SHALL BE GROUND SMOOTH PRIOR
TO TESTING AND FITTING.


DRAWING REFERENCE:
FLANGE SPLICES -PREFIXED 'FS'
WEB CAMBERS -PREFIXED 'WC'
GIRDER JOB STANDARDS -PREFIXED 'X'

REAM ASSEMBLY -DWG. 'E'

WELDING PROCEDURE -DWG. 'WP'

INSPECTION:
SHOP INSPECTION BY: JERSEY TESTING LAB

WELDING:
ALL WELDING IS TO CONFORM TO AWS D1.1-80 AS MODIFIED BY THE 1981 AASHTO
SPECIFICATIONS, AND SUPPLEMENTAL SPECIFICATIONS, SECTION 504, STRUCTURAL STEEL WELDING.
NOTATIONS W1X, W2X, ETC. FOLLOWING WELDING SYMBOLS ON DETAIL DRAWINGS, REFER TO THE
CORRESPONDING WELDING PROCEDURE TO BE USED FOR THAT JOINT.

NO. Δ	REVISION ALTERED AS PER 10-11 APP'V	DATE 10-17-84
NO. Δ	REVISION ALTERED AS PER 1-17 APP'V	DATE 3-17-84
<p>HIGH STEEL STRUCTURES, INC. </p> <p>1005 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-528</p> <p>A Subsidiary of High Industries, Inc.</p>		
GENERAL SHOP NOTES		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR CIAMBRO CORP.
IN CHARGE HINKLE	MADE BY J.L.C.	CHK'D BY J.C.H. DATE 5-22-84
CONTRACT NUMBER ME-84088-1,2,3	DRAWING NUMBER NI	

R95-114

R95-115

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FED. ROAD DIV. NO.		STATE	FED. AID PROJ. NO.																																																																																																																									
<div><div><div><div><div>WELDING PROCEDURE FOR STAINLESS STEEL ON ME-84088</div><div>W4ME</div><div>PROCEDURE SPECIFICATIONS</div><div>MATERIAL SPECIFICATION.....ASTM A-36, A-514, A-588</div><div>WELDING PROCESS.....Manual GTAW</div><div>POSITION OF WELDING.....2F</div><div>ELECTRODE CLASSIFICATION.....AWS A5.12-69</div><div>FILLER METAL.....E6010 (24 Thoriated)</div><div>GAS SHIELDING.....Argon</div><div>ELECTRODE SIZE.....1/16"</div><div>NOZZLE SIZE.....5/16" (3/8")</div><div>POLARITY.....DC-</div><div>ELECTRICAL STICK OUT.....3/4"</div><div>ROOT TREATMENT.....Manual Cleaning</div><div>PREHEAT AND INTERPASS TEMPERATURE.....None</div></div><div><div>WELDING PROCEDURE</div><table border="1"><thead><tr><th>PASS</th><th>WIRE NO.</th><th>WIRE SIZE</th><th>WELDING CURRENT</th><th>WELDS</th><th>TRAVEL</th><th>GAS FLOW</th><th>JOINT DETAIL</th></tr><tr><th></th><th></th><th></th><th>AMPS</th><th></th><th>IPM</th><th>CFH</th><th></th></tr></thead><tbody><tr><td>1</td><td>1/16</td><td>60</td><td>12</td><td>4</td><td>20</td><td></td><td rowspan="2"><div>Witnessed by H. C. 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Maximum Preheat and Interpass Temperature 250°F.</div><div>NO PREHEAT REQUIRED FOR A240 TYPE 304 STAINLESS STEEL.</div></div> <div><div>REVISIONS</div><table border="1"><thead><tr><th>NO.</th><th>REVISION</th><th>DATE</th></tr></thead><tbody><tr><td>1</td><td>REVISED W4ME</td><td>12-13-84</td></tr><tr><td>2</td><td>added 10-11-84 app'l not.</td><td>10-17-84</td></tr><tr><td>3</td><td>deleted W3SME added W31ME</td><td></td></tr><tr><td>4</td><td>revision added 1-12-84 app'l not</td><td>DATE 3-17-84</td></tr><tr><td>5</td><td>W4SME procedure</td><td></td></tr></tbody></table><div>HIGH STEEL STRUCTURES, INC. 1906 Old Philadelphia Pike Lancaster, Pennsylvania 17604 Phone 717/299-5211 A Subsidiary of High Industries, Inc.</div><div>WELDING PROCEDURES FOR FBT BEARINGS I-945 BRIDGE OVER PENOBSCOT RIVER I-945 BRIDGE STA 164+60.00 PENOBSCOT COUNTY STATE OF MAINE DEPARTMENT OF TRANSPORTATION</div><div>STATE CONTRACT OR REF. NO. 6 CONTRACTOR CHANERO CORP.</div><div>CHARGE: J.M. MADE BY: S.J.A. DATE: 6-22-84</div><div>CONTRACT NO. ME-84088-123 DRAWING NO. WP2</div></div>				PASS	WIRE NO.	WIRE SIZE	WELDING CURRENT	WELDS	TRAVEL	GAS FLOW	JOINT DETAIL				AMPS		IPM	CFH		1	1/16	60	12	4	20		<div>Witnessed by H. C. Wingerter J.T.S. 12/12/84</div>	TOLERANCES: AMPS: 54-66 VOLTS: 11.2-12.8 TRAVEL SPEED: 3-5 GAS FLOW: 18-25 Tip Angle: 17° Tip Radius: 1/32 (0072)							PASS	WIRE NO.	WIRE SIZE	WELDING CURRENT	WELDS	TRAVEL	JOINT DETAIL				AMPS		IPM		1-3	1/8	450	37	17		<div>ELECTRODE ANGLE 84° IN DIRECTION OF TRAVEL</div>	TOLERANCES: AMPS: 485-495 VOLTS: 34.5-39.5 WIRE FEED SPEED: 82-187 TRAVEL SPEED: 14.5-19.5						PASS	WIRE NO.	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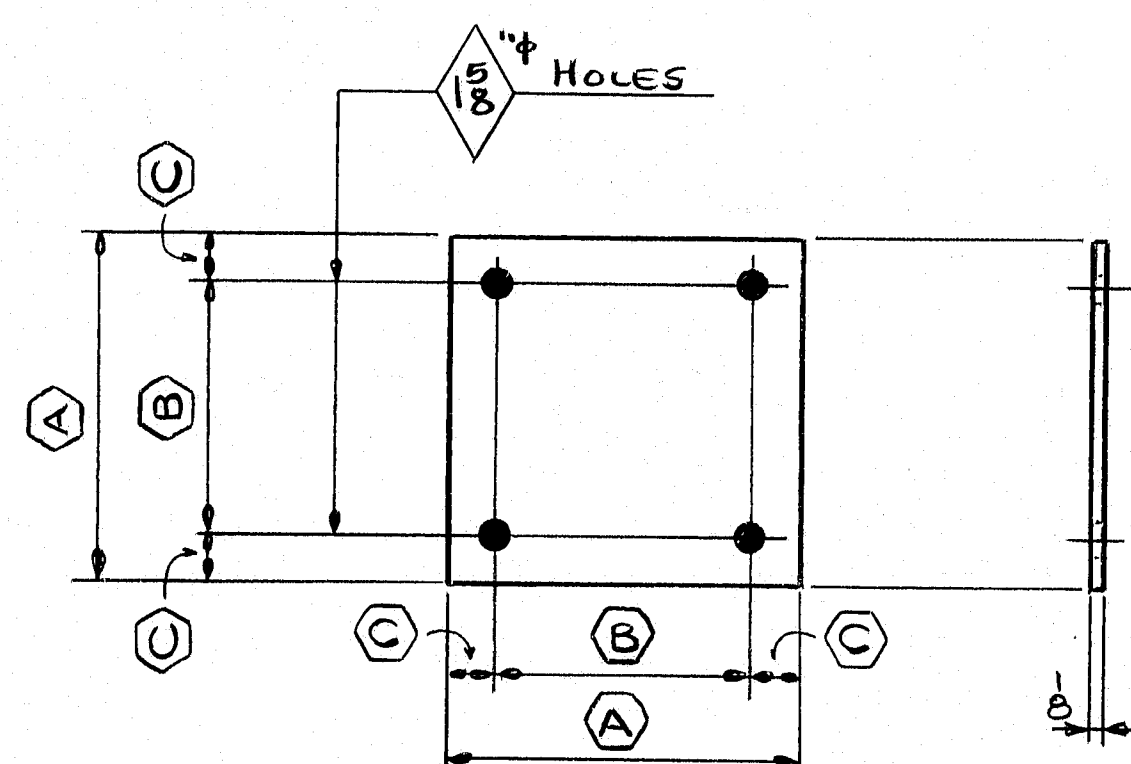
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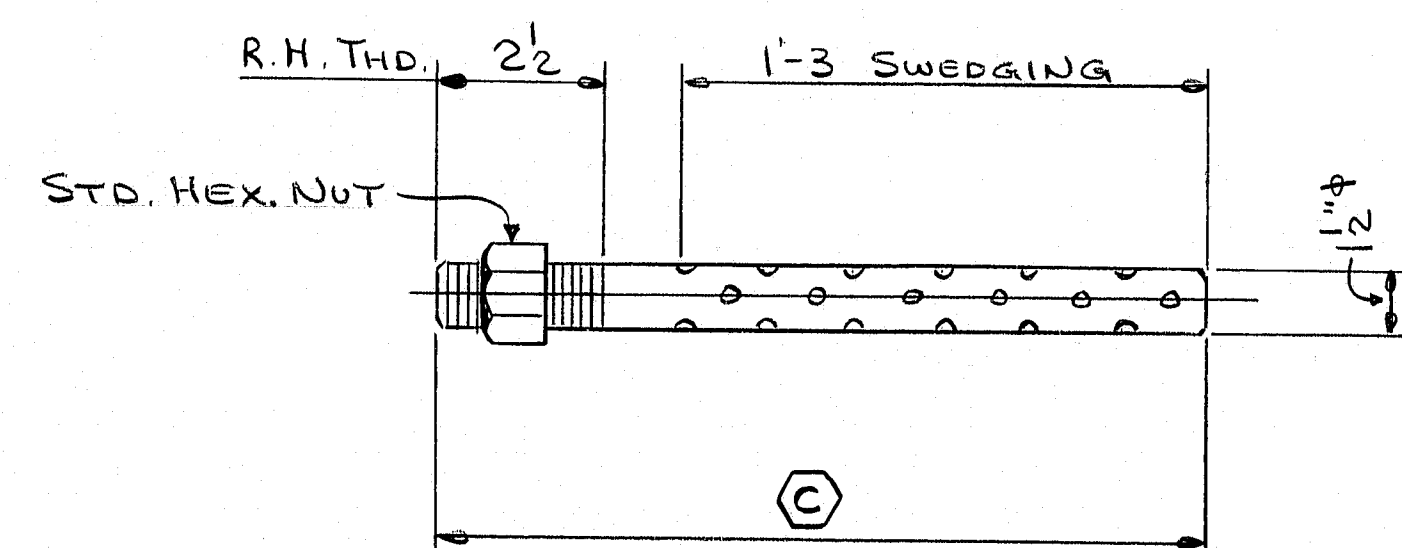
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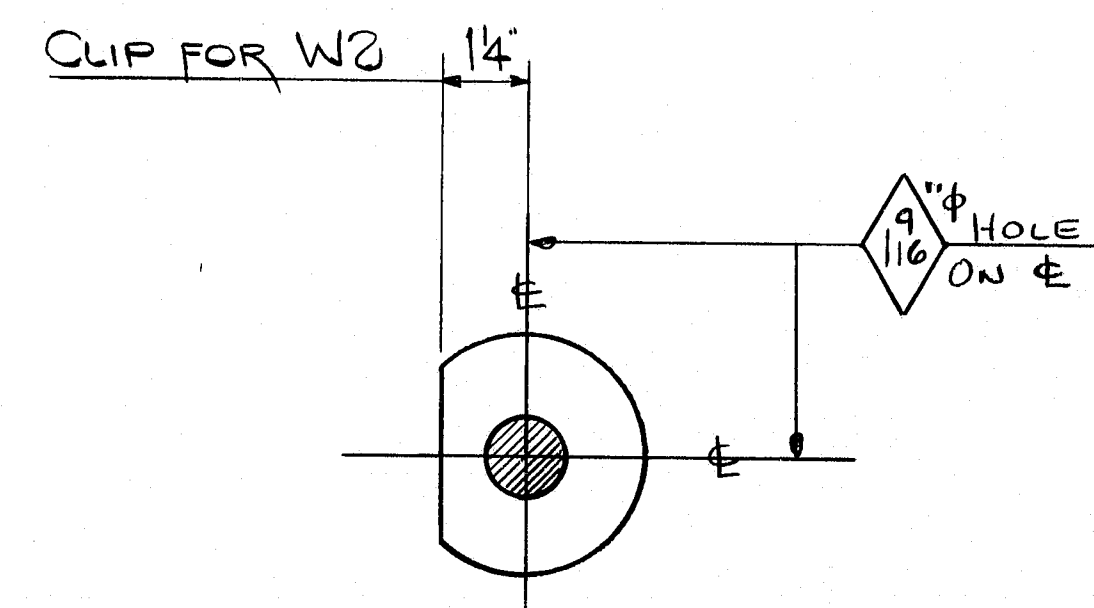


FABRIC PADS

SHIPMENT	1	2	3	MARK	REQD.	(A)	(B)	(C)
10	-	-	10	EB1	10	1'11 1/2"	1'7"	24"
10	-	-	10	EB2	10	2'6 3/4"	2'24"	24"
10	-	-	10	EB3	10	1'10 3/8"	1'6 3/8"	24"
-	8	-	8	EB1A	8	2'4 1/2"	1'10 1/4"	36"
-	8	-	8	EB2A	8	3'6 1/2"	3'0 1/2"	3"
-	8	-	8	EB3A	8	3'2 3/4"	2'8 3/4"	3"
-	16	-	16	EB1B	16	2'9 1/4"	2'4 3/4"	24"
-	8	-	8	EB2B	8	2'7 3/8"	2'3 3/8"	24"
-	8	-	8	EB3B	8	1'11 1/2"	1'7"	24"



SHIPMENT	1	2	3	MARK	REQD.	(C)
80	-	32	AB1	112	1'-6 3/4"	
40	-	96	AB2	136	1'-7 1/2"	
-	32	-	AB3	32	1'-7"	
-	32	-	AB4	32	1'-8"	
-	32	-	AB5	32	1'-8 1/4"	



SHIPMENT	1	2	3	MARK	REQD.
120	64	128	W1	312	
-	32	-	W2	32	

						FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	
						1	ME	II-9-35-8(82)	
SHIPMENT			BILL OF MATERIAL						
1	2	3	NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	WEIGHT
10	-	-	10	EB1	PAD 21 ³ / ₈ x 8	1 9 ³ / ₈		SKI	
10	-	-	10	EB2	PAD 30 8 x 8	2 6 8		SKI	
10	-	-	10	EB3	PAD 20 ³ / ₄ x 8	1 8 ³ / ₄		SKI	
-	8	-	8	EB1A	PAD 24 ¹ / ₂ x 8	2 0 ¹ / ₂	MAT'L. SPEC.	SKI	
-	8	-	8	EB2A	PAD 42 ¹ / ₂ x 8	3 6 ¹ / ₂	AS PER	SKI	
-	8	-	8	EB3A	PAD 38 ³ / ₄ x 8	3 2 ³ / ₄	MAINE DOT	SKI	
-	-	-	-	-	-	-	STAND	SKI	
-	-	-	-	-	-	-	SPEC. 713.03	SKI	
-	-	16	16	EB1B	PAD 33 ¹ / ₄ x 8	2 9 ¹ / ₄		SKI	
-	-	8	8	EB2B	PAD 31 ³ / ₈ x 8	2 7 ³ / ₈		SKI	
-	-	8	8	EB3B	PAD 21 ³ / ₈ x 8	1 9 ³ / ₈		SKI	
ANCHOR BOLTS									
80	-	32	112	AB1	SWEDGE BOLT 1 ¹ / ₂ " φ	1 6 ³ / ₄		9 ¹ / ₂ " 12	
40	-	96	136	AB2	↑	1 7 ¹ / ₂	AB36 GALV. AISI 304	3 ¹ / ₈ " 153	
-	32	-	32	AB3		1 7	w/AS63 GRA	1 ¹ / ₂ " 35	
-	32	-	32	AB4	↓	1 8	HEX NUT	1 ¹ / ₂ " 36	
-	32	-	32	AB5	SWEDGE BOLTS 1 ¹ / ₂ " φ	1 8 ¹ / ₄		1 ¹ / ₂ " 37	
WASHERS									
120	64	128	312	W1	3" φ WASHER	0 3 8	AS36 GALV. ASTM A153	3 ¹ / ₄ " 17	
-	32	-	32	W2	3" CLIPPED WASHER	0 3 8	AS36 GALV. ASTM A153	1 ¹ / ₈ " 17	

SHOP NOTE

HOLES: AS NOTED
BOLTS: NONE
PAINT: NONE

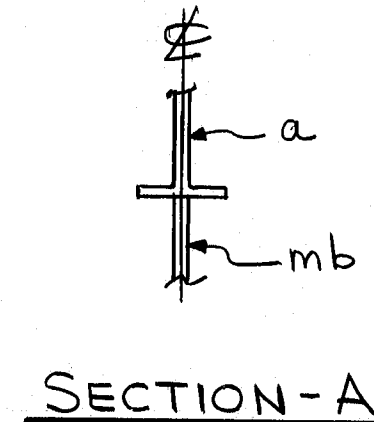
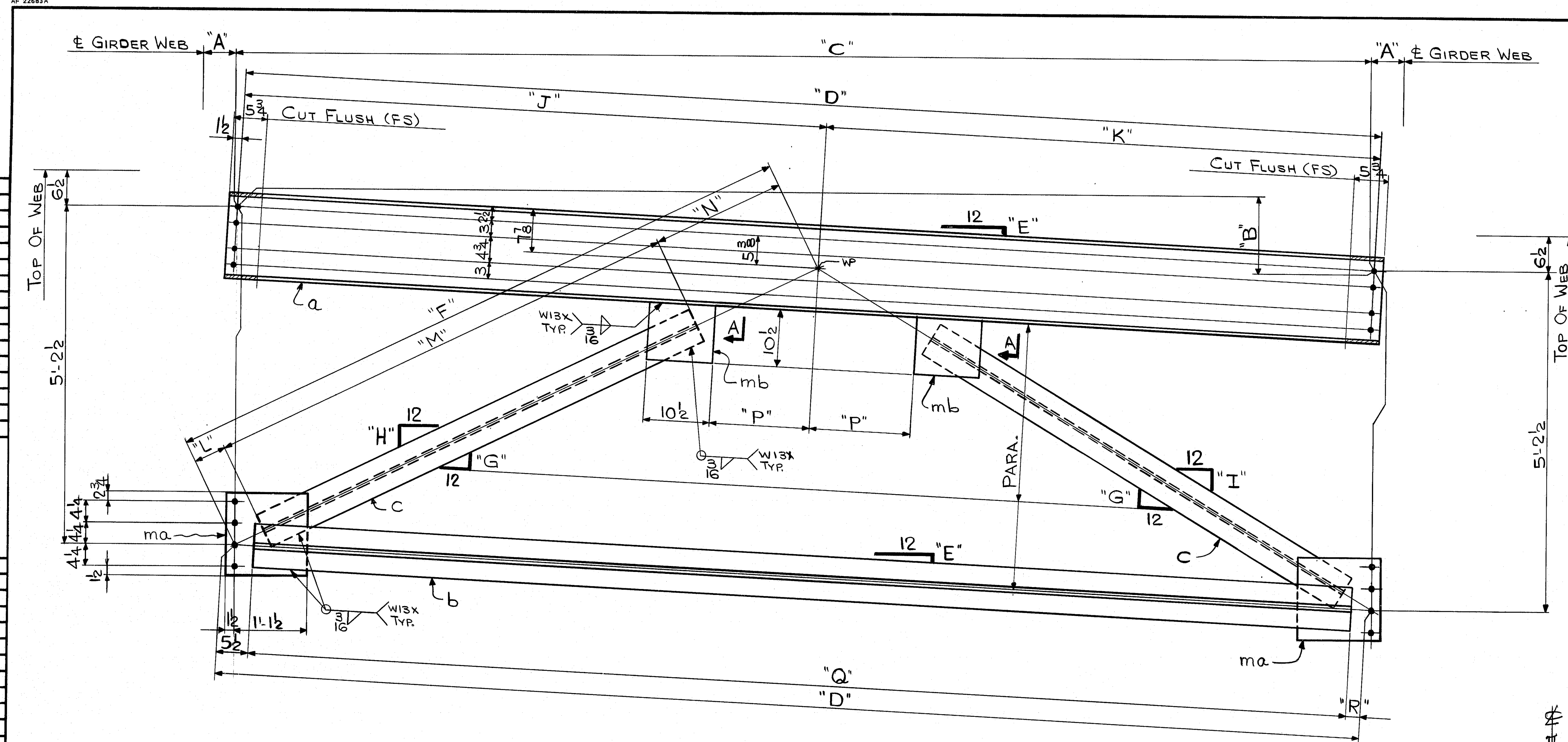
FOR GENERAL NOTES SEE DWG. N1.

R95-117

CODE: 4013

NO. 1	REVISION General revision to page with foot bearings	DATE 2-15-84
HIGH STEEL STRUCTURES, INC.		
1505 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211		
A Subsidiary of High Industries, Inc.		
BEARING DETAILS		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO. 6	CONTRACTOR	CIANBRO CORP.
IN CHARGE: HINKLE	MADE BY: G.F.Z.	CHK'D. BY: CS
DATE: 6/25/84		
CONTRACT NUMBER: ME-84088-1243	DRAWING NUMBER:	1 OF 36

AP 2283A



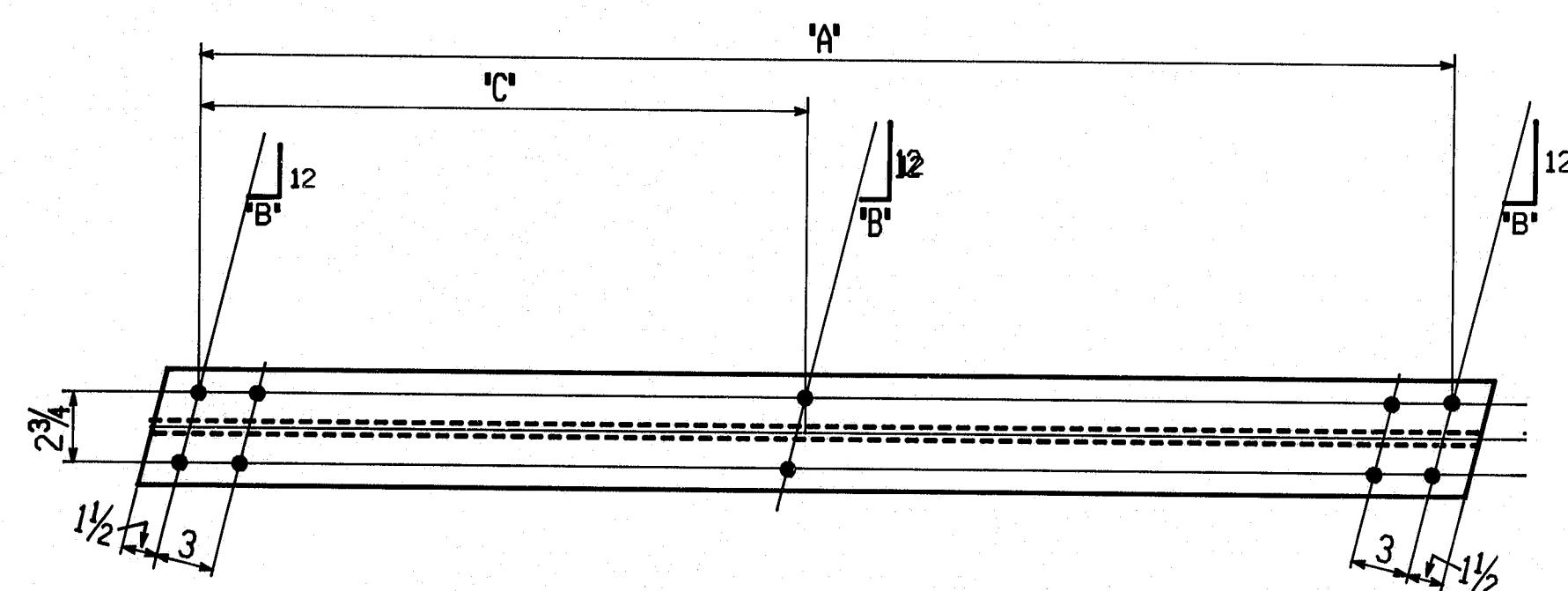
MARK	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"	"J"	"K"	"L"	"M"	"N"	"P"	"Q"	"R"
CF1	5	8 1/2	16'-11 5/8	16'-11 1/2	1/2	9'-8 5/8	6 3/4	6 5/8	7 3/8	8'-8 3/4	8'-8 3/4	5 3/8	7'-2 3/4	2'-0	1'-6 1/4	16'-0 1/2	5 1/2
CF2		9	16'-11 1/8	16'-11 1/2	1/2	9'-8 1/8	6 1/2	6 1/2	7 1/8	8'-8 1/2	8'-3	5 1/8				16'-0 1/2	5 1/2
CF3		9 1/2	16'-11 1/8	16'-11 1/8	1/2	9'-8 1/8	6	6	7 1/2	8'-8 1/2	8'-2 3/4	5 1/8				16'-0 1/2	5 1/2
CF4		6 1/2	16'-11 1/2	16'-11 1/8	3/8	9'-8 3/4	6 1/4	6 1/4	7 1/8	8'-7 1/8	8'-3 1/2	6				16'-0 1/2	5 1/2
CF5		9 3/8	16'-11 1/2	16'-11 3/4	1/2	9'-8 3/4	6 3/4	6 3/4	7 1/2	8'-8 1/2	8'-2 1/2	6				16'-0 1/2	5 1/2
CF6	5	10 3/4	16'-11 3/8	16'-11 1/8	3/8	9'-8 1/8	6 1/2	6 1/2	7 1/8	8'-7 1/8	8'-2 1/2	6 1/2	7'-2 3/4	2'-0	1'-6 1/4	16'-0 1/2	5 1/2
CF7	6	6 1/2	17'-5 3/4	17'-5 3/8	3/8	9'-11 1/2	6 1/2	6 1/2	7	8'-10 3/8	8'-7	5 1/2	7'-4 3/4	2'-1	1'-7 1/2	16'-0 1/2	5 1/2
CF8		8 3/8	17'-5 3/4	17'-5 3/8	1/2	9'-11 1/2	6 1/2	6 1/2	7 1/8	8'-11 1/8	8'-6 1/2	5 3/4	7'-4 3/4	2'-1	1'-7 1/2	16'-0 1/2	5 1/2
CF9		10	17'-5 3/4	17'-6	1/2	9'-11 1/2	6 1/2	6 1/2	7 1/8	9'-0	8'-6	5 3/4	7'-4 3/4	2'-1	1'-7 1/2	16'-0 1/2	5 1/2
CF10		5 1/4	18'-3 3/8	18'-3 1/8	1/2	10'-3 1/2	6 1/2	6 1/2	7	9'-3 1/2	9'-0 1/2	5 1/2	7'-8 1/4	2'-2	1'-8 1/2	17'-4 3/8	5 1/2
CF11		11 3/8	18'-3 3/8	18'-4 3/8	3/8	10'-4	6 1/2	6 1/2	7	9'-5 1/4	8'-10 3/8	5 3/4	7'-8 1/4	2'-2	1'-8 1/2	17'-5 1/4	5 1/2
CF12		11 5/8	18'-3 3/8	18'-4 1/4	1/2	10'-4	6 1/2	6 1/2	7 3/8	9'-5 1/2	8'-10 1/8	5 3/4	7'-8 1/4	2'-2	1'-8 1/2	17'-5 1/4	5 1/2
CF13	OPP. HD.	7 1/4	13'-5 3/8	13'-5 1/8	1/2	8'-2 1/2	8 1/2	7 3/8	9 3/8	6'-11 1/8	6'-5 3/8	6 1/2	6'-0	1'-8	1'-1 1/2	12'-6 1/4	5 1/2
CF14		8 1/2	14'-8 3/8	14'-8 1/8	1/2	8'-9 3/8	7 3/4	6 1/2	8 3/8	7'-7 1/8	7'-1 1/4	6 3/8	6'-5 1/4	1'-9 1/2	1'-3 1/4	13'-9 1/2	5 1/2

SHOP NOTE
 HOLES: 15" φ
 BOLTS: NONE
 PAINT: NONE
 FOR GENERAL NOTES SEE DWG. N1

R95-118 CODE: 5300

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM
2	CF1	CROSSFRAME			1059.
ONE	CF2				1059.
1	CF3				1059.
2	CF4				1059.
ONE	CF5				1060.
2	CF6				1061.
2	CF7				1089.
ONE	CF8				1089.
1	CF9				1089.
ONE	CF10				1136.
2	CF11				1137.
2	CF12				1137.
4	CF13			(OPP. HAND)	860.
4	CF14	CROSSFRAME		(OPP. HAND)	932.
3	a	W16 x 26	17 2 1/2	CF1, CF2	3/2
2			17 2 1/2	CF3, CF4	3/3
1			17 2 1/2	CF5	3/4
2			17 3	CF6	3/5
2			17 8 1/2	CF7	3/6
2			17 9	CF8, CF9	3/7
1			18 7	CF10	3/8
1			18 7 1/2	CF11	3/9
2			18 7 1/4	CF12	3/10
4			13 8 3/8	CF13	3/11
4	a	W16 x 26	14 11 3/8	CF14	3/12
4	b	WT 7 x 21.5	16 0 1/2	CF1, CF2, CF3	4/12
1			16 0 1/2	CF4	4/13
1			16 0 3/4	CF5	4/14
2			16 0 3/8	CF6	4/15
3			16 6 1/2	CF7, CF8	4/21
1			16 7	CF9	4/22
1			17 4 1/2	CF10	4/27
1			17 5 1/2	CF11	4/28
2			17 5 1/4	CF12	4/29
4			12 6 1/4	CF13	3/21
4	b	WT 7 x 21.5	13 9 1/2	CF14	3/22
16	c	WT 6 x 13	7 2 3/4	CF1, CF2, CF3, CF4, CF5, CF6	3/3
8			7 4 3/4	CF7, CF8, CF9	3/4
8			7 8 1/4	CF10, CF11, CF12	3/5
8			6 0	CF13	3/6
8	c	WT 6 x 13	6 5 1/4	CF14	3/7
48	ma	φ 15 x 3/8	1 5		5/10
48	mb	φ 10 1/2 x 3/8	0 10 1/2		5/11

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC. <small>1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211 A Subsidiary of High Industries, Inc.</small>		
CROSSFRAME DETAILS		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR CIAMBRO CORP.
IN CHARGE: HINKLE	MADE BY: JLC	CHK'D BY: BJK
CONTRACT NUMBER: ME-84088-1	DRAWING NUMBER: 2 OF 36	DATE: 5-7-84



MARK	A	B	C
A1	18'-6 1/2"	2 1/2"	9'-3 1/2"
A2	18'-7 1/2"	2 1/2"	9'-3 1/2"
A3	18'-8 1/2"	2 1/2"	9'-4 1/2"
A4	18'-1 1/2"	2 1/2"	9'-0 1/2"
A5	18'-1 1/2"	2 1/2"	9'-0 1/2"
A6	18'-2 1/2"	2 1/2"	9'-1 1/2"
A7	18'-1 1/2"	2 1/2"	9'-0 1/2"
A8	18'-1 1/2"	2 1/2"	9'-0 1/2"
A9	18'-1 1/2"	2 1/2"	9'-1"
A10	17'-10 1/2"	2 1/2"	8'-11 1/2"
A11	17'-10 1/2"	2 1/2"	8'-11 1/2"
A12	17'-11 1/2"	2 1/2"	8'-11 1/2"
A13	17'-2 1/2"	2 1/2"	8'-7 1/2"
A14	17'-2 1/2"	2 1/2"	8'-7 1/2"
A15	17'-2 1/2"	2 1/2"	8'-7 1/2"
A16	16'-10 1/2"	2 1/2"	8'-5 1/2"
A17	16'-10 1/2"	2 1/2"	8'-5 1/2"
A18	16'-10 1/2"	2 1/2"	8'-5 1/2"
A19	16'-10"	2 1/2"	8'-5"
A20	16'-10 1/2"	2 1/2"	8'-5 1/2"
A21	16'-10 1/2"	2 1/2"	8'-5 1/2"
A22	16'-5 1/2"	2 1/2"	8'-2 1/2"
A23	16'-5 1/2"	2 1/2"	8'-2 1/2"
A24	16'-5"	2 1/2"	8'-2 1/2"
A25	16'-4 1/2"	2 1/2"	8'-2 1/2"

MARK	A	B	C
A26	16'-3 1/2"	2 1/2"	8'-1 1/2"
A27	16'-3 1/2"	2 1/2"	8'-1 1/2"
A28	16'-3 1/2"	2 1/2"	8'-1 1/2"
A29	16'-2 1/2"	2 1/2"	8'-1 1/2"
A30	16'-2 1/2"	2 1/2"	8'-1"
A31	16'-1 1/2"	2 1/2"	8'-0 1/2"
A32	16'-1 1/2"	2 1/2"	8'-0 1/2"
A33	15'-11 1/2"	2 1/2"	7'-11 1/2"
A34	15'-10 1/2"	2 1/2"	7'-11 1/2"
A35	15'-10 1/2"	2 1/2"	7'-11 1/2"
A36	15'-10 1/2"	2 1/2"	7'-11 1/2"
A37	15'-6 1/2"	2 1/2"	7'-9 1/2"
A38	15'-6 1/2"	2 1/2"	7'-9 1/2"
A39	15'-5 1/2"	2 1/2"	7'-8 1/2"
A40	15'-5 1/2"	2 1/2"	7'-8 1/2"
A41	15'-3"	3"	7'-7 1/2"
A42	15'-2 1/2"	3"	7'-7 1/2"
A43	15'-2 1/2"	3"	7'-7 1/2"
A44	15'-2 1/2"	3"	7'-7 1/2"
A45	14'-10 1/2"	3 1/2"	7'-5 1/2"
A46	14'-10 1/2"	3 1/2"	7'-5 1/2"
A47	14'-10 1/2"	3 1/2"	7'-5 1/2"
A48	14'-10 1/2"	3 1/2"	7'-5 1/2"
A49	17'-0 1/2"	2"	8'-6 1/2"
A50	17'-0 1/2"	2"	8'-6 1/2"

MARK	A	B	C
A51	17'-0 1/2"	2 1/2"	8'-6 1/2"
A52	16'-9 1/2"	2"	8'-4 1/2"
A53	16'-9 1/2"	2 1/2"	8'-4 1/2"
A54	16'-9 1/2"	2 1/2"	8'-4 1/2"
A55	16'-0 1/2"	2 1/2"	8'-0 1/2"
A56	16'-0 1/2"	2 1/2"	8'-0 1/2"
A57	16'-1"	2 1/2"	8'-0 1/2"
A58	16'-3 1/2"	2 1/2"	8'-1 1/2"
A59	16'-3 1/2"	2 1/2"	8'-1 1/2"
A60	15'-6 1/2"	2 1/2"	7'-9 1/2"
A61	15'-7 1/2"	2 1/2"	7'-9 1/2"
A62	15'-7 1/2"	2 1/2"	7'-9 1/2"
A63	15'-5 1/2"	2 1/2"	7'-8 1/2"
A64	15'-5 1/2"	2 1/2"	7'-8 1/2"
A65	16'-3 1/2"	2 1/2"	8'-1 1/2"
A66	16'-3 1/2"	2 1/2"	8'-1 1/2"
A67	15'-5 1/2"	2 1/2"	7'-8 1/2"
A68	15'-5 1/2"	2 1/2"	7'-8 1/2"

OPP.HAND

OPP.HAND

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	WEIGHT
ONE	A37	WT4 x 9	15	10 1/2"	3	143
ONE	A38		15	10 1/2"		143
ONE	A39		15	10 1/2"		143
ONE	A40		15	10 1/2"		143
ONE	A41		15	7 1/2"		141
ONE	A42		15	7 1/2"		141
ONE	A43		15	6 1/2"		140
ONE	A44		15	6 1/2"		140
ONE	A45		15	3 1/2"		137
ONE	A46		15	2 1/2"		137
ONE	A47		15	2 1/2"		137
ONE	A48	WT4 x 9	15	2 1/2"	3	137
ONE	A49	WT5 x 11	17	4 1/2"	5	191
ONE	A50		17	4 1/2"		191
2	A51		17	4 1/2"		191
2	A52		17	1 1/2"		188
ONE	A53		17	1 1/2"		189
ONE	A54		17	1 1/2"		189
ONE	A55		16	4 1/2"		181
ONE	A56		16	5"		181
2	A57		16	5 1/2"		181
ONE	A58		16	7 1/2"		183
ONE	A59		16	7 1/2"		183
2	A60		15	11"		175
ONE	A61		15	11 1/2"		176
ONE	A62		15	11 1/2"		176
ONE	A63		15	9 1/2"		174
ONE	A64		15	9 1/2"		174
ONE	A65		16	7 1/2"		183
ONE	A66		16	7 1/2"		183
ONE	A67		15	9 1/2"		174
ONE	A68	WT5 x 11	15	10 1/2"	5	174

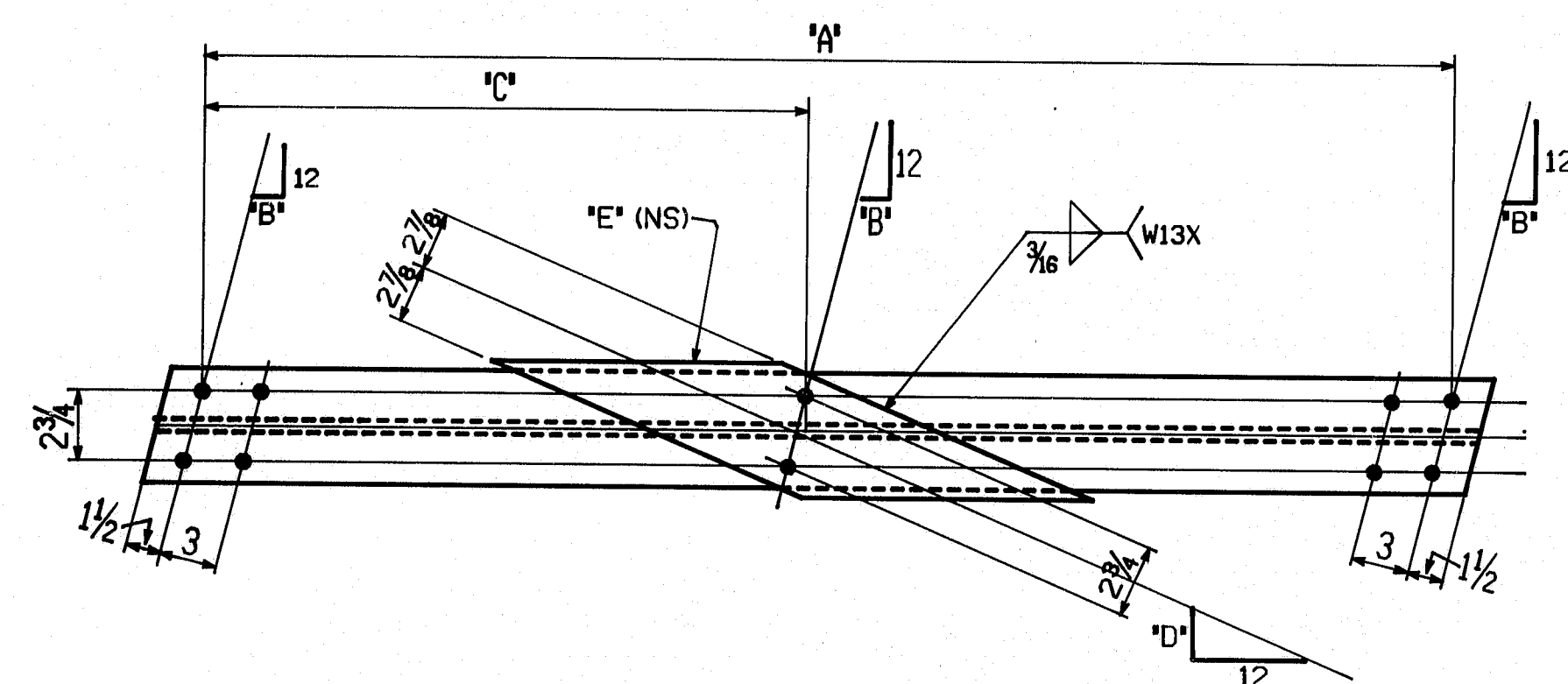
BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	WEIGHT
2	A1	WT4 x 9	18	11 1/2"	3	170
ONE	A2		18	11 1/2"		171
ONE	A3		19	8 1/2"		171
2	A4		18	5 1/2"		166
ONE	A5		18	5 1/2"		167
ONE	A6		18	6 1/2"		167
ONE	A7		18	5 1/2"		166
ONE	A8		18	5 1/2"		167
2	A9		18	6 1/2"		167
ONE	A10		18	2 1/2"		164
ONE	A11		18	3 1/2"		165
2	A12		18	3 1/2"		165
ONE	A13		17	6 1/2"		158
ONE	A14		17	6 1/2"		158
2	A15		17	6 1/2"		158
ONE	A16		17	2 1/2"		155
ONE	A17		17	3"		155
2	A18		17	3 1/2"		156
2	A19		17	2 1/2"		155
ONE	A20		17	2 1/2"		155
ONE	A21		17	2 1/2"		155
ONE	A22		16	9 1/2"		151
ONE	A23		16	9 1/2"		151
ONE	A24		16	9 1/2"		151
ONE	A25		16	9 1/2"		151
2	A26		16	7 1/2"		150
ONE	A27		16	7 1/2"		150
ONE	A28		16	8 1/2"		150
ONE	A29		16	6 1/2"		149
ONE	A30		16	6 1/2"		149
ONE	A31		16	6 1/2"		149
ONE	A32		16	5 1/2"		149
ONE	A33		16	3 1/2"		147
ONE	A34		16	3 1/2"		147
ONE	A35		16	3 1/2"		147
ONE	A36	WT4 x 9	16	3 1/2"	3	147

SHOP NOTE

HOLES: 1/2" x 1/2"
 BOLTS: NONE
 PAINT: NONE
 FOR GENERAL SHOP NOTES, SEE DWG. N1.

R95-119
 CODE:5300

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC. 100 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-0000 A Subsidiary of High Industries, Inc.		
CROSSFRAMES		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 16+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR CIANBRO CORP.
IN CHARGE	HINKLE	MADE BY C.S. CHK'D BY G.F.F. DATE 7/6/84
CONTRACT NUMBER	ME-84088-1	DRAWING NUMBER 3 OF 36



MS1	2'-0"
MS2	2'-1 1/2"
MS3	4'-7"
MS4	4'-11 1/2"

MARK	"A"	"B"	"C"	"D"	"E"
B1	18'-6 1/8"	2 1/8"	9'-3 1/2"	4 3/8"	mc
B2	18'-7 1/8"	2 1/8"	9'-3 3/8"	4 3/8"	md
B3	18'-8 1/8"	2 1/8"	9'-4 1/8"	5 1/8"	mf
B4	18'-1 1/8"	2 1/8"	9'-0 1/8"	4 1/8"	mg
B5	18'-1 1/8"	2 1/8"	9'-0 1/8"	4 1/8"	mh
B6	18'-2 1/8"	2 1/8"	9'-1 1/8"	5 1/8"	mk
B7	18'-1 1/8"	2 1/8"	9'-0 1/8"	4 1/8"	mh
B8	18'-1 1/8"	2 1/8"	9'-0 1/8"	5 1/8"	mm
B9	18'-1 1/8"	2 1/8"	9'-1"	5 1/8"	mf
B10	17'-10 3/4"	2 1/8"	8'-11 1/2"	5"	mn
B11	17'-10 3/4"	2 1/8"	8'-11 1/2"	5 1/8"	mp
B12	17'-11 1/8"	2 1/8"	8'-11 1/8"	5 1/8"	mf
B13	17'-2 1/8"	2 1/8"	8'-7 1/8"	5 1/8"	mf
B14	17'-2 1/8"	2 1/8"	8'-7 1/8"	5 1/8"	ms
B15	17'-2 1/8"	2 1/8"	8'-7 1/4"	5 1/8"	mk
B16	16'-10 1/8"	2 1/8"	8'-5 1/8"	5 1/8"	mk
B17	16'-10 1/8"	2 1/8"	8'-5 3/8"	5 1/2"	mt
B18	16'-10 1/8"	2 1/8"	8'-5 1/8"	5 1/8"	mw
B19	16'-10"	2 1/8"	8'-5"	5 1/8"	ms
B20	16'-10 1/8"	2 1/8"	8'-5 1/8"	5 1/2"	mt
B21	16'-10 1/8"	2 1/8"	8'-5 1/8"	5 1/8"	my
B22	16'-5 1/8"	2 1/8"	8'-2 1/8"	5 1/8"	maa
B23	16'-5 1/8"	2 1/8"	8'-2 1/2"	5 1/8"	maa
B24	16'-5"	2 1/8"	8'-2 1/2"	5 1/8"	maa
B25	16'-4 1/8"	2 1/8"	8'-2 1/2"	5 1/8"	maa

MARK	"A"	"B"	"C"	"D"	"E"
B26	16'-3 3/8"	2 1/8"	8'-1 1/8"	5 1/8"	maa
B27	16'-3 3/8"	2 1/8"	8'-1 1/8"	5 1/8"	my
B28	16'-3 3/8"	2 1/8"	8'-1 1/8"	5"	mab
B29	16'-2 1/8"	2 1/8"	8'-1 1/8"	5 1/8"	my
B30	16'-2"	2 1/8"	8'-1"	5 1/8"	my
B31	16'-1 1/8"	2 1/8"	8'-0 1/8"	5 1/8"	my
B32	16'-1 1/8"	2 1/8"	8'-0 1/8"	5 1/8"	my
B33	15'-11 1/8"	2 1/8"	7'-11 1/8"	5 1/8"	mac
B34	15'-10 1/8"	2 1/8"	7'-11 1/2"	5 1/8"	mac
B35	15'-10 1/8"	2 1/8"	7'-11 1/8"	5 1/8"	mac
B36	15'-10 1/8"	2 1/8"	7'-11 1/8"	5 1/8"	mac
B37	15'-6 1/4"	2 1/8"	7'-9 1/8"	6 1/4"	mad
B38	15'-6 1/4"	2 1/8"	7'-9 1/8"	6 1/8"	maf
B39	15'-5 1/8"	2 1/8"	7'-8 1/8"	6 1/8"	maf
B40	15'-5 1/8"	2 1/8"	7'-8 1/8"	6 1/8"	maf
B41	15'-3"	3"	7'-7 1/2"	6 1/8"	mag
B42	15'-2 1/8"	3"	7'-7 1/8"	6 1/8"	mah
B43	15'-2 1/8"	3"	7'-7 1/4"	6 1/8"	mah
B44	15'-2 1/8"	3"	7'-7 1/8"	6 1/8"	mak
B45	14'-10 1/8"	3 1/8"	7'-5 1/8"	6 1/8"	mam
B46	14'-10 1/8"	3 1/8"	7'-5 1/4"	6 1/8"	mam
B47	14'-10 1/8"	3 1/8"	7'-5 1/8"	6 1/8"	man
B48	14'-10 1/8"	3 1/8"	7'-5 1/8"	6 1/8"	man

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	WEIGHT
ONE	B46	WT4 x 9	15	2 1/8"	3/19	153
ONE	B47	WT4 x 9	15	2 1/8"	3/19	153
ONE	B48	WT4 x 9	15	2 1/8"	3/19	153
1	mc	BAR 5% x 7/8"	2	7 1/4"	5/6	
1	md		2	6 1/4"		
4	mf		2	3 1/4"		
1	mg		2	5 1/4"		
2	mh		2	5 1/4"		
3	mk		2	2 1/4"		
1	mm		2	4 1/4"		
1	mn		2	4 1/4"		
1	mp		2	4 1/4"		
2	ms		2	3"		
2	mt		2	2 1/4"		
1	mw		2	2"		
6	my		2	1 1/4"		
5	maa		2	1 1/4"		
1	mab		2	0 1/4"		
4	mac		2	0 1/4"		
1	mad		1	1 1/4"		
3	maf		1	1 1/4"		
1	mag		1	1 1/4"		
2	mah		1	1 1/4"		
1	mak		1	11"		
2	mam		1	10 1/4"		
2	man	BAR 5% x 7/8"	1	10 1/2"	5/6	
2	MS1	L3 x 3 x 3/4"	2	0"	5/14	15
ONE	MS2	L3 x 3 x 3/4"	2	1 1/2"	5/14	16
3	MS3	L3 x 3 x 3/4"	4	7"	5/14	33
3	MS4	L3 x 3 x 3/4"	4	11 1/4"	5/14	36

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	WEIGHT
2	B1	WT4 x 9	18	11"	3/19	193
ONE	B2		18	11 1/4"		192
ONE	B3		19	0 1/8"		191
2	B4		18	5 1/8"		188
ONE	B5		18	5 1/8"		188
ONE	B6		18	6 1/8"		187
ONE	B7		18	5 1/2"		187
ONE	B8		18	5 1/2"		187
2	B9		18	6 1/8"		186
ONE	B10		18	2 1/8"		185
ONE	B11		18	3 1/8"		185
2	B12		18	3 1/8"		184
ONE	B13		17	6 1/2"		178
ONE	B14		17	6 1/2"		178
2	B15		17	6 1/2"		177
ONE	B16		17	2 1/8"		175
ONE	B17		17	3"		174
2	B18		17	3 1/8"		174
2	B19		17	2 1/8"		174
ONE	B20		17	2 1/8"		174
ONE	B21		17	2 1/8"		173
ONE	B22		16	9 1/8"		170
ONE	B23		16	9 1/8"		170
ONE	B24		16	9 1/4"		170
ONE	B25		16	9 1/8"		170
2	B26		16	7 1/8"		168
ONE	B27		16	7 1/8"		168
ONE	B28		16	8 1/8"		168
ONE	B29		16	6 1/8"		167
ONE	B30		16	6 1/4"		167
ONE	B31		16	6 1/8"		167
ONE	B32		16	5 1/8"		167
ONE	B33		16	3 1/8"		164
ONE	B34		16	3 1/4"		164
ONE	B35		16	3 1/8"		164
ONE	B36		16	3 1/8"		164
ONE	B37		15	10 1/8"		160
ONE	B38		15	10 1/2"		160
ONE	B39		15	10 1/8"		160
ONE	B40		15	10 1/8"		160
ONE	B41		15	7 1/8"		157
ONE	B42		15	7 1/8"		157
ONE	B43		15	6 1/8"		157
ONE	B44		15	6 1/8"		157
ONE	B45	WT4 x 9	15	3 1/8"	3/19	153

SHOP NOTE

HOLES: 5/8"

BOLTS: NONE

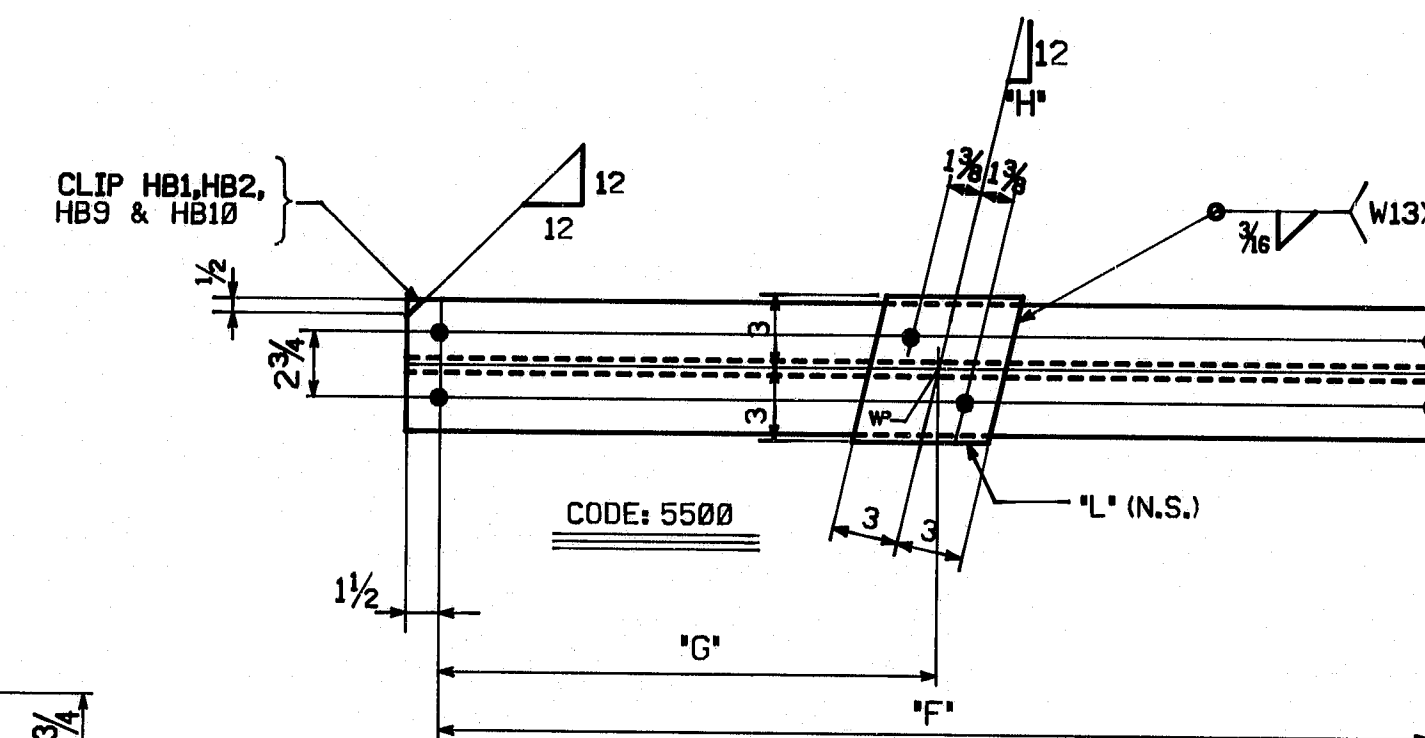
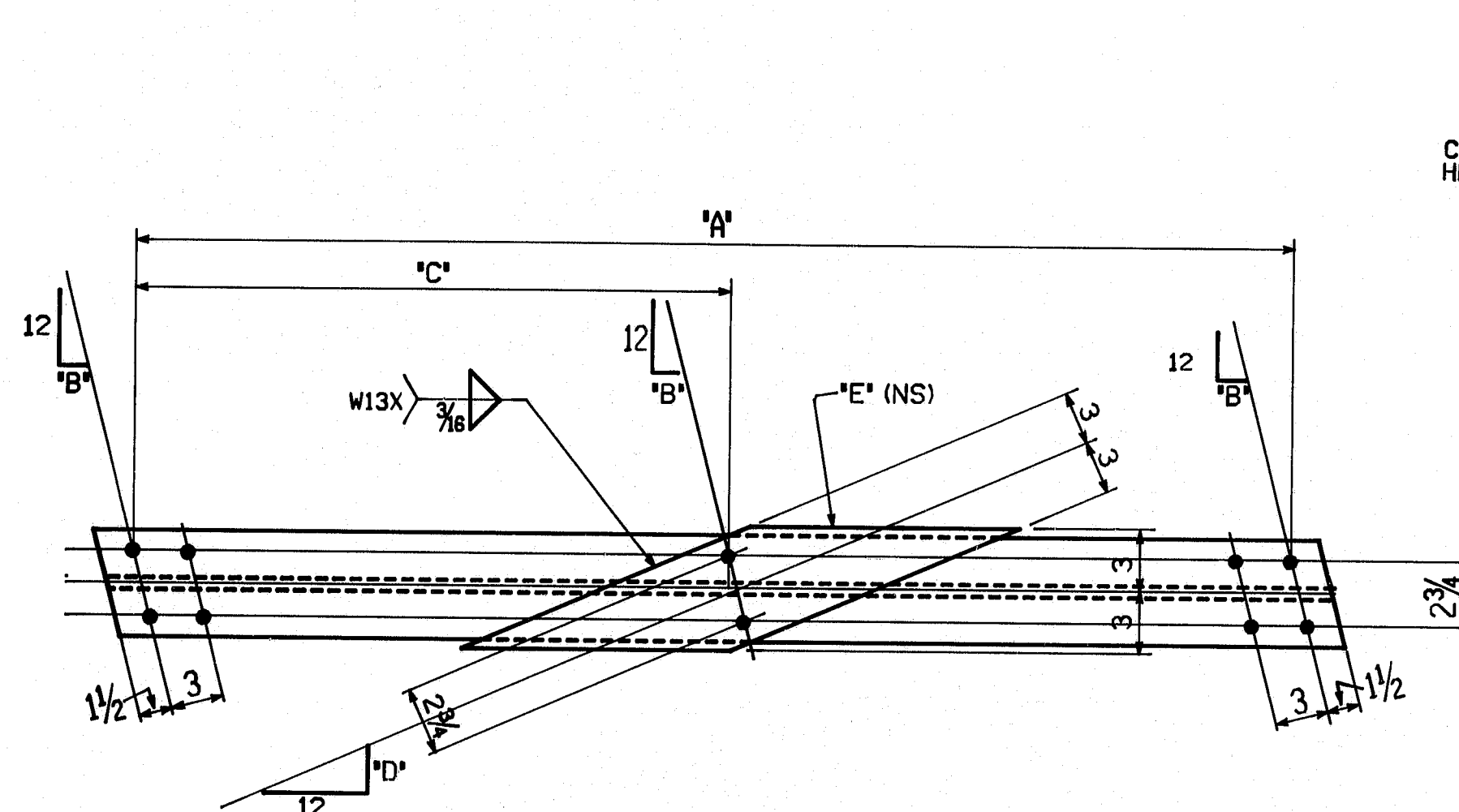
PAINT: NONE

FOR GENERAL SHOP NOTES, SEE DWG. N1.

R95-120

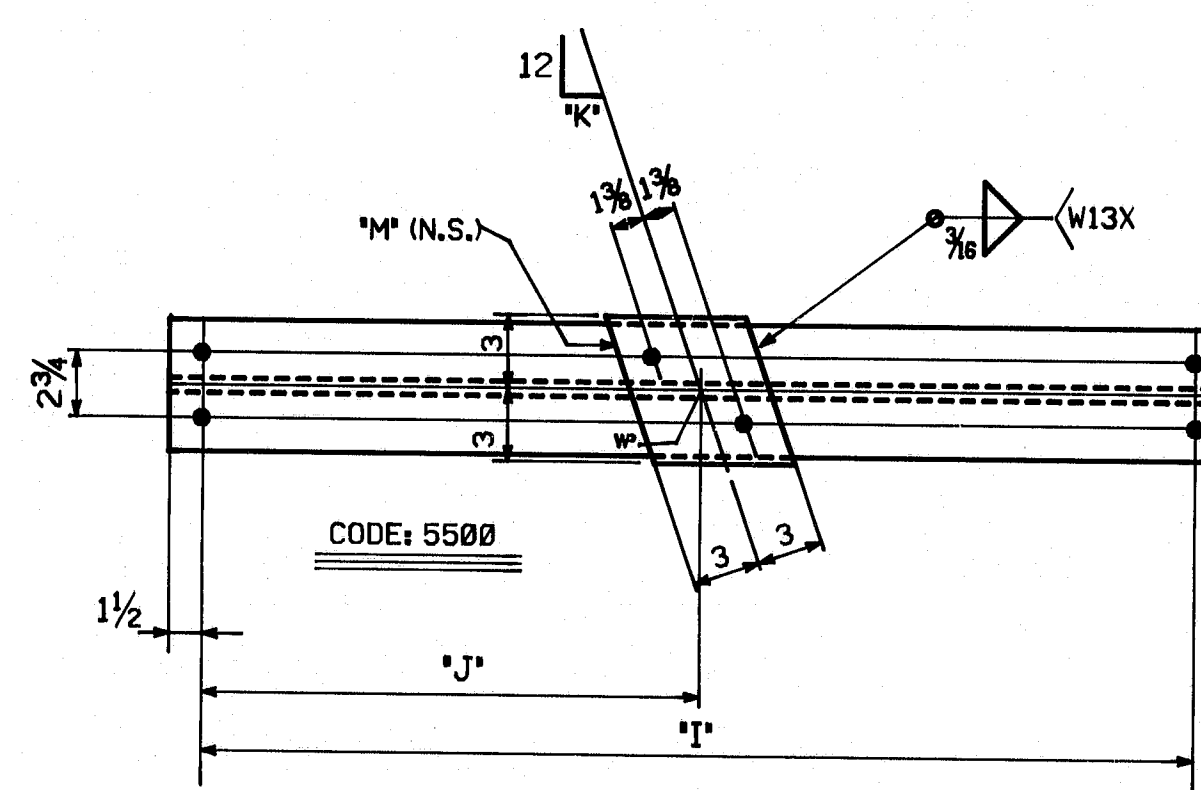
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NO.	REVISION	DATE
<p>1005 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-2800</p> <p>HIGH STEEL STRUCTURES, INC.</p> <p>A Subsidiary of HSB Industries, Inc.</p>		
CROSSFRAMES & SCUPPER ANGLES		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REFNO.	6	CONTRACTOR CIANBRO CORP.
IN CHARGE HINKLE	MADE BY C.S.	CHECKED BY G.F.Z. DATE 7/6/84
CONTRACT ME-84088-1	DRAWING NUMBER	4 OF 36



MARK	"F"	"G"	"H"	"L"
HB1	22'-0 1/4"	10'-8 1/8"	1/4"	---
HB2	21'-3 3/8"	10'-4"	1/4"	mbm
HB3	20'-3"	9'-11 1/4"	2 3/8"	---
HB4	19'-4 3/8"	9'-4 1/8"	2 3/8"	mbn
HB5	19'-11 1/4"	9'-0 5/8"	2"	---
HB6	18'-11 1/8"	9'-1 1/8"	2"	mbp
HB9	21'-4 3/8"	10'-4 1/2"	1/4"	---
HB10	21'-11 1/4"	10'-7 7/8"	1/4"	mbm
HB11	19'-7 7/8"	9'-7 7/8"	2 3/8"	---
HB12	19'-11"	9'-8 1/8"	2 3/8"	mbn

MARK	"F"	"G"	"H"	"L"
HB13	19'-3 3/8"	9'-5 1/8"	2"	---
HB14	19'-7 3/8"	9'-8 1/8"	2"	mbp
HB19	19'-5 3/8"	9'-6 1/8"	2 3/8"	---
HB20	20'-1 1/8"	9'-8 3/8"	2 3/8"	mbn
HB21	19'-2 1/8"	9'-4 3/8"	2 3/8"	---
HB22	19'-11"	9'-7 1/8"	2 3/8"	mbt
HB27	19'-1 3/8"	9'-4 1/8"	2 3/8"	---
HB28	20'-6"	9'-10 3/8"	2 3/8"	mbn
HB29	18'-10 1/4"	9'-2"	2 3/8"	---
HB30	20'-3 3/8"	9'-9 3/8"	2 3/8"	mbt



MARK	"I"	"J"	"K"	"M"
HB7	25'-0"	13'-0 1/8"	3 3/8"	---
HB8	24'-0 3/8"	12'-6 1/8"	3 3/8"	mbw
HB15	24'-2 3/8"	12'-7 7/8"	3 3/8"	---
HB16	24'-8 1/8"	12'-9 1/8"	3 3/8"	mbw
HB17	25'-5 1/8"	12'-4 1/8"	3 3/8"	---
HB18	26'-6"	12'-10 3/8"	3 3/8"	mbw

MARK	"I"	"J"	"K"	"M"
HB23	24'-10 1/8"	12'-10 3/8"	3 1/2"	---
HB24	25'-8 1/8"	13'-2 1/2"	3 1/2"	mca
HB25	25'-0 3/8"	12'-1 3/8"	3 3/8"	---
HB26	26'-11 1/8"	13'-0 3/8"	3 3/8"	mbw
HB31	24'-4 1/8"	12'-7 1/2"	3 3/8"	---
HB32	26'-1 1/8"	13'-5 3/8"	3 3/8"	mcb

MARK	"A"	"B"	"C"	"D"	"E"
B49	17'-0 3/8"	2"	8'-6 3/8"	4 1/8"	map
B50	17'-0 3/8"	2"	8'-6 3/8"	4 1/8"	mas
B51	17'-0 3/8"	2 1/8"	8'-6 3/8"	4 1/8"	mat
B52	16'-9 1/4"	2"	8'-4 1/8"	4 1/8"	map
B53	16'-9 1/8"	2 1/8"	8'-4 1/8"	4 1/8"	mas
B54	16'-9 1/8"	2 3/8"	8'-4 1/8"	4 1/8"	maw
B55	16'-0 3/8"	2 1/8"	8'-0 7/8"	4 1/8"	mbf
B56	16'-0 3/8"	2 3/8"	8'-0 7/8"	4 1/8"	mbg
B57	16'-1"	2 3/8"	8'-0 1/2"	4 3/8"	mbg
B58	16'-3 1/8"	2 1/8"	8'-1 1/8"	4 3/8"	may
B59	16'-3 1/8"	2 3/8"	8'-1 1/8"	4 3/8"	mba
B60	15'-6 3/8"	2 1/8"	7'-9 3/8"	4 3/8"	mbf
B61	15'-7 1/4"	2 3/8"	7'-9 3/8"	4 1/2"	mbh
B62	15'-7 1/8"	2 3/8"	7'-9 3/8"	4 3/8"	mbk
B63	15'-5 1/8"	2 1/4"	7'-8 3/8"	4 3/8"	mbb
B64	15'-5 1/8"	2 3/8"	7'-8 3/8"	4 3/8"	mbc
B65	16'-3 1/8"	2 1/8"	8'-1 1/8"	4 3/8"	may
B66	16'-3 1/8"	2 3/8"	8'-1 1/8"	4 3/8"	mba
B67	15'-5 1/8"	2 1/4"	7'-8 3/8"	4 3/8"	mbb
B68	15'-5 1/8"	2 3/8"	7'-8 3/8"	4 3/8"	mbd

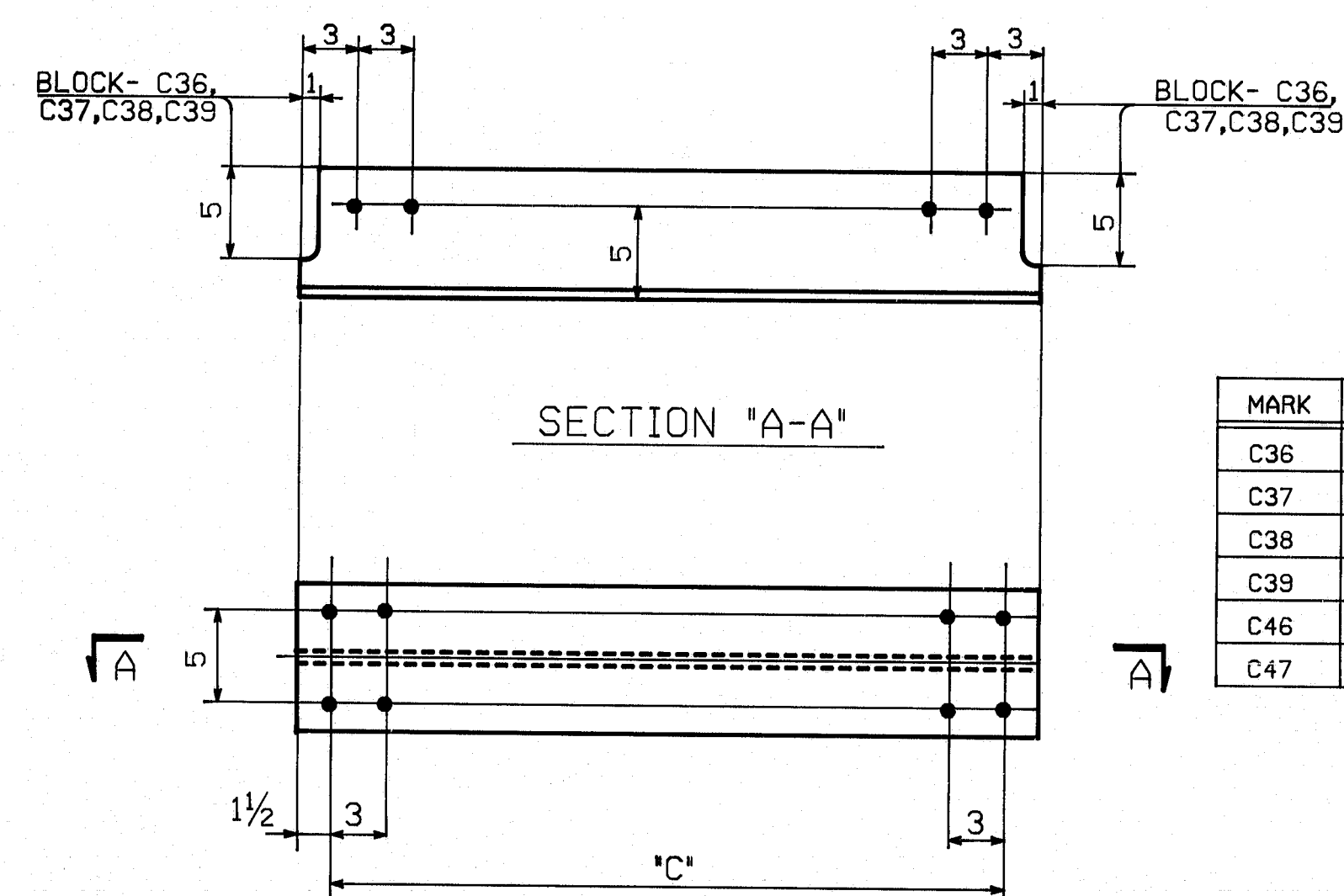
BILL OF MATERIAL									
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	QTY	UNIT	PRICE	TOTAL
4	E1	WT7 x 21.5	17	0 3/8"		4	368		
4	E2	WT7 x 21.5	16	9 3/8"		4	362		
4	E3	WT7 x 21.5	16	3 1/8"		4	350		
4	E4	WT7 x 21.5	16	1"		4	346		
4	E5	WT7 x 21.5	15	7 1/8"		4	336		
4	E6	WT7 x 21.5	15	5 1/2"		4	171		
ONE	HB1	WT5 x 11	22	3 1/4"		1	245		
ONE	HB2		21	6 3/8"		1	242		
ONE	HB3		20	6"		1	226		
ONE	HB4		19	7 1/8"		1	222		
ONE	HB5		20	2 1/4"		1	223		
ONE	HB6		19	2 3/8"		1	213		
ONE	HB9		21	7 1/8"		1	238		
ONE	HB10		22	2 1/4"		1	250		
ONE	HB11		19	10 3/8"		1	219		
ONE	HB12		20	2 3/8"		1	229		
ONE	HB13		19	6 3/8"		1	215		
ONE	HB14		19	10 3/8"		1	225		
ONE	HB19		19	8 3/8"		1	218		
ONE	HB20		20	4 3/8"		1	231		
ONE	HB21		19	5 3/8"		1	215		
ONE	HB22		20	2"		1	229		
ONE	HB27		19	4 3/8"		1	213		
ONE	HB28		20	9"		1	235		
ONE	HB29		19	1 1/4"		1	211		
ONE	HB30		20	6 3/8"		1	233		
ONE	HB7		25	3"		1	278		
ONE	HB8		24	3 3/8"		1	275		
ONE	HB15		24	5 3/8"		1	270		
ONE	HB16		24	11 3/8"		1	282		
ONE	HB17		25	8 3/8"		1	284		
ONE	HB18		26	9 3/8"		1	302		
ONE	HB23		25	1 1/8"		1	276		
ONE	HB24		25	11 3/8"		1	293		
ONE	HB25		25	3 3/8"		1	278		
ONE	HB26		27	2 3/8"		1	307		
ONE	HB31		24	7 3/8"		1	271		
ONE	HB32	WT5 x 11	26	4 3/8"		1	298		
2	mbm	BAR 6 x 1/2	0	6 1/8"	HB2,HB10	5	7		
2	mbn		0	7 3/8"	HB4,HB12				
2	mbp		0	7 1/8"	HB6,HB14				
2	mbn		0	7 1/8"	HB20,HB28				
2	mbt		0	7 3/8"	HB22,HB30				
2	mbw		0	8 3/8"	HB8,HB16				
2	mbw		0	7 3/8"	HB18,HB26				
1	mca		0	8"	HB24				
1	mcb	BAR 6 x 1/2	0	8 3/8"	HB32	5	7		

BILL OF MATERIAL									
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	QTY	UNIT	PRICE	TOTAL
ONE	B49	WT5 x 11	17	4 3/8"		5	4	223	
ONE	B50		17	4 3/8"				222	
2	B51		17	4 3/8"				222	
2	B52		17	1 1/4"				220	
ONE	B53		17	1 1/8"				219	
ONE	B54		17	1 1/8"				217	
ONE	B55		16	4 3/8"				262	
ONE	B56		16	5"				261	
2	B57		16	5 1/8"				261	
ONE	B58		16	7 1/8"				212	
ONE	B59		16	7 1/4"				212	
2	B60		15	11"				256	
ONE	B61		15	11 1/4"				253	
ONE	B62		15	11 3/8"				249	
ONE	B63		15	9 3/8"				202	
ONE	B64		15	9 3/8"				201	
ONE	B65		16	7 3/8"	OPP.HAND			212	
ONE	B66		16	7 1/4"	OPP.HAND			212	
ONE	B67		15	9 3/8"	OPP.HAND			202	
ONE	B68	WT5 x 11	15	10 1/8"	OPP.HAND	5	4	201	
2	map	BAR 6 x 1/2	3	0 1/2"	B49,B52	5	7		
2	mas		2	11 1/2"	B50,B53				
2	mat		2	11"	B51				
1	maw		2	8 3/8"	B54				
2	may		2	10"	B58,B55				
2	mba		2	9 3/8"	B59,B66				
2	mbb		2	8 3/8"	B63,B67				
1	mbc		2	7 3/8"	B64				
1	mbd	BAR 6 x 1/2	2	6 3/8"	B68	5	7		
3	mbf	BAR 6 x 1 1/8"	2	10 1/2"	B55,B60	5	8		
3	mbg	BAR 6 x 1 1/8"	2	10"	B56,B57	5	8		
1	mbh	BAR 6 x 1 1/8"	2	9 3/8"	B61	5	8		
1	mbk	BAR 6 x 1 1/8"	2	7 3/8"	B62	5	8		

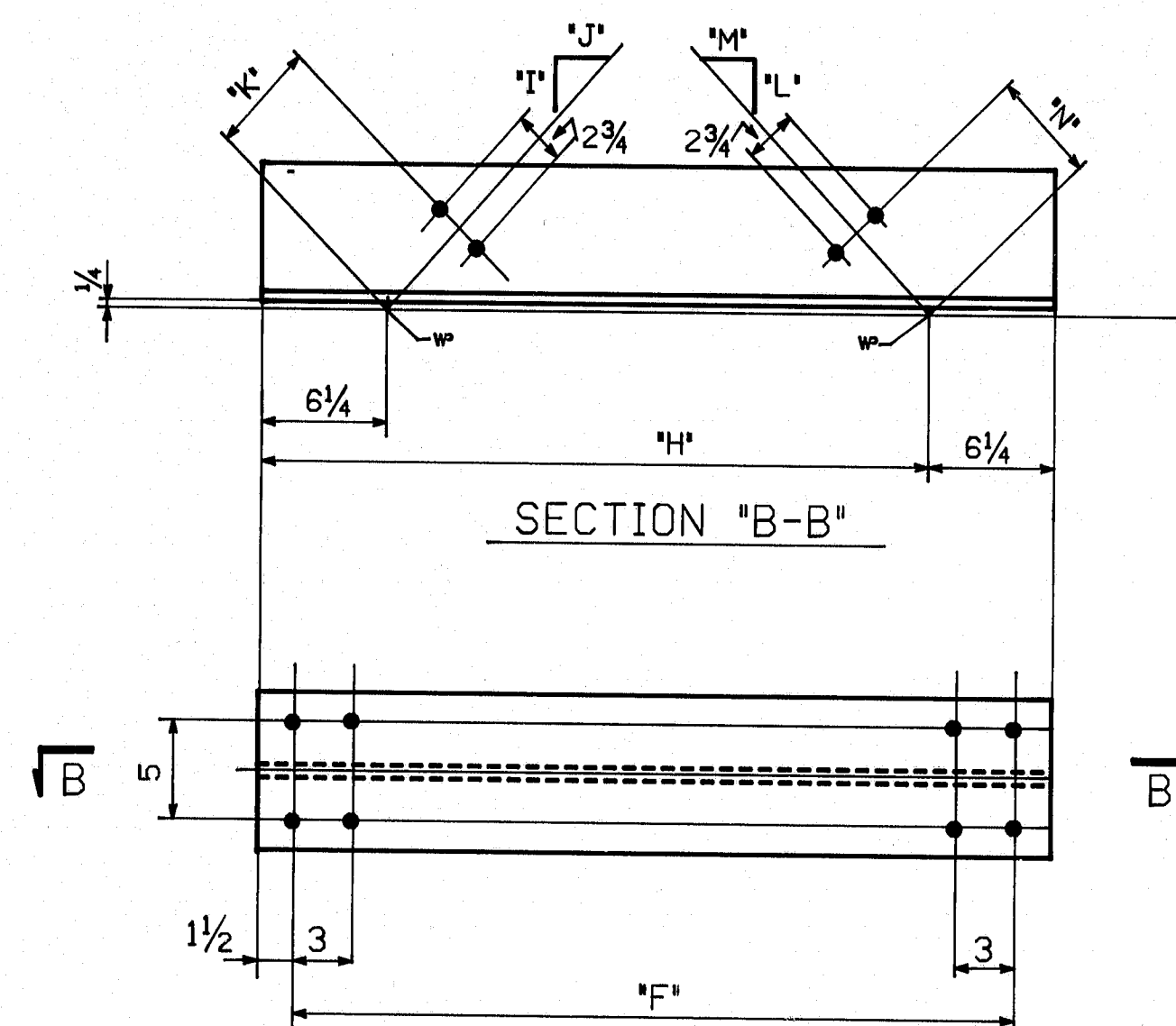
SHOP NOTE
 HOLES: 3/8" x 3/8"
 BOLTS: NONE
 PAINT: NONE
 FOR GENERAL SHOP NOTES, SEE DWG. N1.

R95-121

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC. 100 Old Penobscot Pike Lewiston, Maine 04203 Phone 777-220-2211 A Subsidiary of HSS Industries, Inc.		
CROSSFRAMES & HORIZ. BRACING		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+68.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR CIAMBO CORP.
BY	MADE BY	CHG. BY
CHARGE HINKLE	MADE BY C.S.	CHG. BY G.E. DATE 7/4/94
CONTRACT NUMBER ME-84088-1	DRAWING NUMBER	5 OF 36



MARK	"A"
C1	18°-3 $\frac{3}{4}$ '
C2	17°-9 $\frac{1}{2}$ '
C3	17°-9 $\frac{1}{2}$ '
C4	17°-6 $\frac{3}{8}$ '
C5	16°-3 $\frac{3}{8}$ '
C6	16°-6 $\frac{3}{8}$ '
C7	16°-6 $\frac{1}{2}$ '
C8	16°-5 $\frac{3}{8}$ '
C9	16°-0 $\frac{3}{8}$ '
C10	16°-0 $\frac{1}{4}$ '
C11	16°-0 $\frac{3}{8}$ '
C12	16°-0 $\frac{3}{8}$ '
C13	15°-10 $\frac{1}{2}$ '
C14	15°-10'
C15	15°-9 $\frac{1}{4}$ '
C16	15°-9 $\frac{1}{2}$ '
C17	15°-8 $\frac{3}{8}$ '
C18	15°-8 $\frac{1}{2}$ '
C19	15°-6 $\frac{1}{2}$ '
C20	15°-5 $\frac{3}{8}$ '
C21	15°-5 $\frac{3}{8}$ '
C22	15°-5 $\frac{3}{8}$ '
C23	15°-5 $\frac{3}{8}$ '
C24	15°-4 $\frac{1}{2}$ '
C25	15°-2 $\frac{1}{2}$ '
C26	15°-0 $\frac{7}{8}$ '
C27	15°-0 $\frac{1}{2}$ '
C28	14°-9 $\frac{1}{2}$ '
C29	14°-9 $\frac{1}{2}$ '
C30	14°-9 $\frac{1}{2}$ '
C31	14°-8 $\frac{3}{8}$ '
C32	14°-5'
C33	14°-4 $\frac{7}{8}$ '
C34	14°-4 $\frac{3}{4}$ '
C35	14°-4 $\frac{3}{4}$ '



MARK	"F"	"H"	"I"	"J"	"K"	"L"	"M"	"N"
C40	16'-3%	16'-6%	12	8 $\frac{3}{8}$	5 $\frac{1}{2}$	12	9%	5 $\frac{1}{8}$ $\frac{1}{2}$
C41	16'-9%	16'-6%	12	8 $\frac{3}{8}$	5 $\frac{1}{2}$	12	10 $\frac{1}{2}$	5%
C42	16'-6%	16'-3%	12	11 $\frac{1}{8}$	6%	11 $\frac{1}{8}$	12	6%
C43	16'-6%	16'-3%	11 $\frac{1}{2}$	12	6%	12	11 $\frac{1}{2}$	6 $\frac{1}{2}$
C44	16'-0%	15'-8%	12	8 $\frac{3}{8}$	5%	12	9 $\frac{1}{2}$	5%
C45	16'-0%	15'-8%	12	8 $\frac{3}{8}$	5%	12	9%	5%
C46	15'-2%	14'-11 $\frac{1}{4}$	12	8 $\frac{3}{8}$	5%	12	9%	5%
C49	15'-2%	14'-11 $\frac{1}{4}$	12	9 $\frac{1}{4}$	5%	12	8%	5 $\frac{1}{2}$

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	WGT
2	C36	WT7 x 21.5	17	0%		$\frac{4}{26}$ 30
2	C37		16	9%		$\frac{4}{24}$ 30
2	C38		16	8%		$\frac{4}{23}$ 30
2	C39		16	1%		$\frac{4}{17}$ 34
2	C46	↓	16	1		$\frac{4}{16}$ 34
2	C47	WT7 x 21.5	15	7%		$\frac{4}{3}$ 33
ONE	C40	WT7 x 21.5	17	0%		$\frac{4}{26}$ 30
ONE	C41		17	0%		$\frac{4}{26}$ 30
ONE	C42		16	9%		$\frac{4}{25}$ 30
ONE	C43		16	9%		$\frac{4}{26}$ 30
ONE	C44		16	3%		$\frac{4}{18}$ 35
ONE	C45		16	3%		$\frac{4}{18}$ 35
ONE	C48	↓	15	5%		$\frac{4}{2}$ 33
ONE	C49	WT7 x 21.5	15	5%		$\frac{4}{2}$ 33

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	UNIT PRICE
4	C1	WT7 x 21.5	18	6 1/4	5	399
4	C2		18	0 1/8	32	389
4	C3		18	0 1/4	31	388
4	C4		17	9 1/8	30	383
4	C5		17	0 7/8	26	361
2	C6		16	9 1/8	25	360
2	C7		16	9 1/8	24	361
2	C8		16	8 1/8	23	360
ONE	C9		16	3 3/4	20	351
ONE	C10		16	3 1/4	19	350
ONE	C11		16	3 1/8	19	350
3	C12		16	3 1/8	18	350
2	C13		16	1 1/8	17	347
2	C14		16	1	16	346
ONE	C15		16	0 1/4	11	345
ONE	C16		16	0 1/8	10	345
ONE	C17		15	11 1/8	9	344
ONE	C18		15	11 1/8	8	344
ONE	C19		15	9 1/8	7	339
ONE	C20		15	8 1/8	6	339
ONE	C21		15	8 1/8	6	339
ONE	C22		15	8 1/8	4	339
2	C23		15	7 1/8	3	336
2	C24		15	5 1/2	2	333
2	C25		15	3 1/8	1	330
ONE	C26		15	3 1/8	32	329
ONE	C27		15	3 1/2	31	329
ONE	C28		15	0 1/8	30	324
ONE	C29		15	0 1/8	29	323
ONE	C30		15	0 1/8	28	323
ONE	C31		14	11 3/4	27	320
ONE	C32		14	8	26	316
ONE	C33		14	7 1/8	25	316
ONE	C34		14	7 1/8	24	315
ONE	C35	WT7 x 21.5	14	7 1/8	23	315

SHOP NOTE


HOLES: 5/8"

BOLTS: NONE

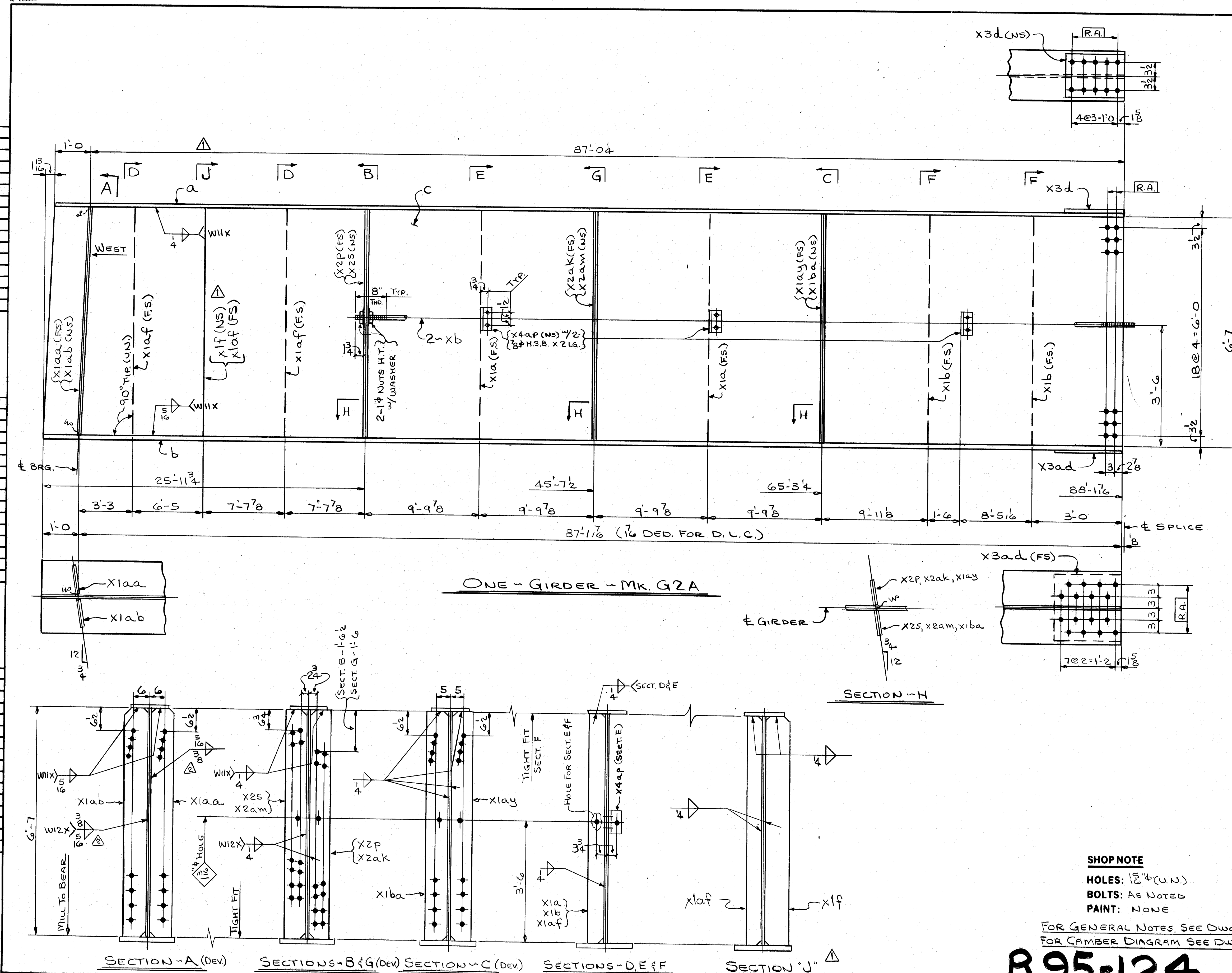
PAINT: NONE

FOR GENERAL SHOP NOTES, SEE DWG. N1.

R95-122

NO.	REVISION	DATE
		800 Old Philadelphia Pike Lancaster/Pennsylvania 17603 Phone 717-299-5151 A Subsidiary of High Industries, Inc.
HIGH STEEL STRUCTURES, INC.		
CROSSFRAMES		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 16+460.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT		
OR REF. NO.	6	CONTRACTOR CIANBRO CORP.
IN CHARGE	HINKLE	MADE BY CS
CHG'D. BY	G.F.	DATE 7/6/84
CONTRACT NUMBER	ME-84068-1	DRAWING NUMBER 6 OF 36

AP 22683A



BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM
ONE	G2A	GIRDER			24924
ONE	a	PL 13 x 3/4	88 0 4		
ONE	b	PL 19 x 1 1/2	88 1 1/2		
ONE	c	PL 79 x 1/2	88 2 1/2		
2	x1a	1" ROD	62 6 5/8	THD. BOTH ENDS	
ONE	x1f	PL 10 x 3/8	6 7		
ONE	x3d	PL 11 x 3/8	1 3/8		
ONE	x3ad	PL 17 x 3/8	1 5/8		
2	x1a	BAR 5 x 1/2	6 7		
2	x1b	BAR 5 x 1/2			
3	x1af	BAR 5 x 1/2			
ONE	x1aa	BAR 8 x 1			
	x1ab	BAR 8 x 1			
	x2p	BAR 7 x 1/2			
	x2s				
	x2ak				
	x2am				
	x1ay				
ONE	x1ba	BAR 7 x 1/2	6 7		
3	x4ap	5 x 3 x 1/4	0 6		
4		1" STD. HEX. NUTS			81 1/2
4		WASH. FOR 1" ROD			81 1/2
6		3/4" H.S. BOLTS	0 2		81 1/2
6		WASH. FOR 3/4" H.S. BOLT			81 1/2

SHOP NOTE

HOLES: 1/2" (U.N.)
BOLTS: AS NOTED
PAINT: NONE

FOR GENERAL NOTES, SEE DWG. N1.
FOR CAMBER DIAGRAM SEE DWG. WCI.

R95-124

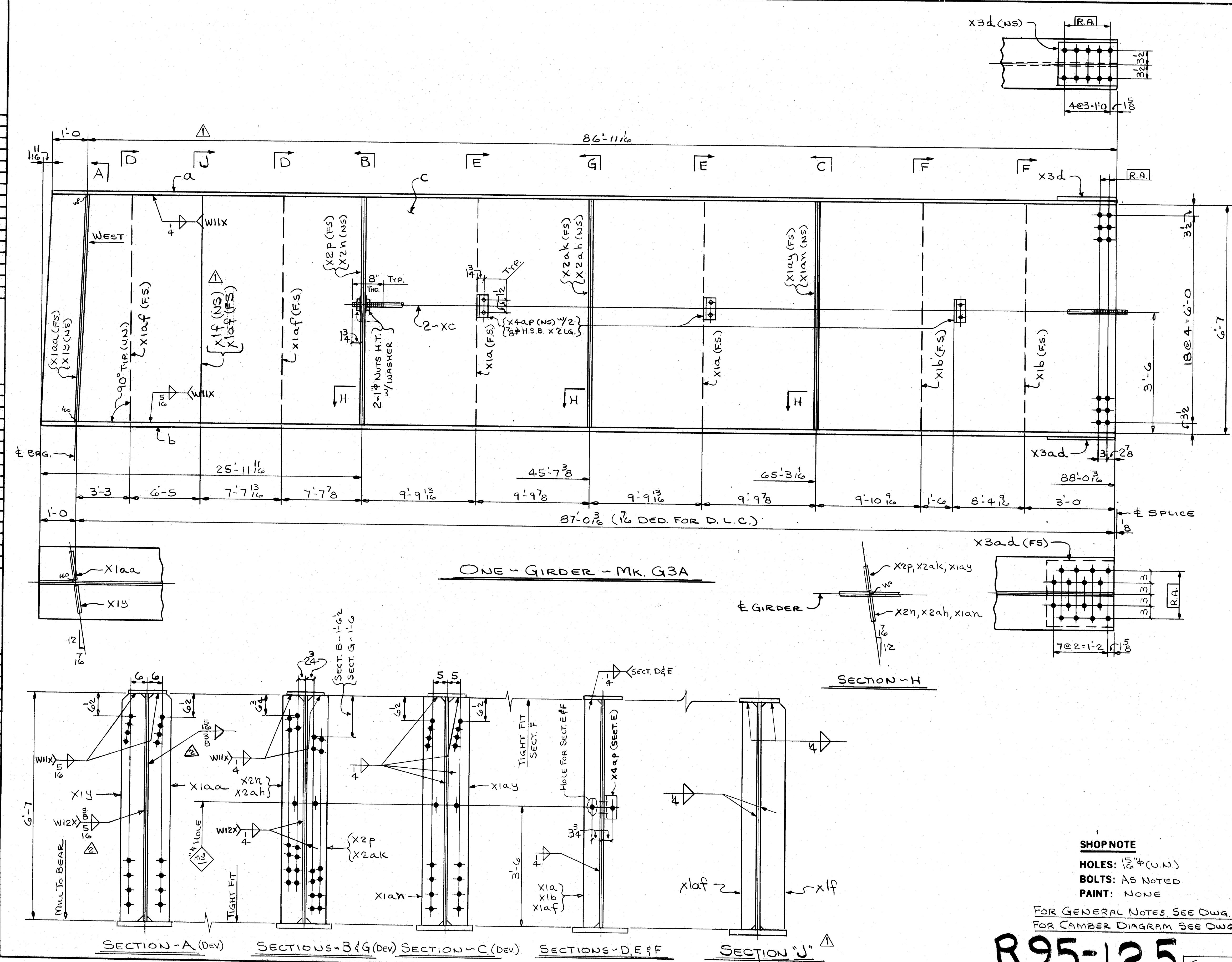
NO. 2	REVISION CHANGED WELD SIZES	DATE 1-3-85
NO. 1	REVISION CONTRACT REVISION #14	DATE 9-10-84
<p>HIGH STEEL STRUCTURES, INC.</p> <p>1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 770-965-2111</p> <p>A Subsidiary of High Industries, Inc.</p>		
<p>GIRDER G2A</p> <p>I-395 BRIDGE OVER PENOBSCOT RIVER</p> <p>I-395 BRIDGE STA. 164 + 60.00</p> <p>PENOBSCOT COUNTY</p> <p>STATE OF MAINE</p> <p>DEPARTMENT OF TRANSPORTATION</p>		
STATE CONTRACT OR REF. NO.	CONTRACTOR	DATE
6	CIAMBRO CORP.	
IN CHARGE: HINKLE	MADE BY: G.F.Z.	CHK. BY: CS
CONTRACT NUMBER: ME-84088-1	DRAWING NUMBER: 8 OF 36	DATE: 6-27-84

AP 22083A

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SHOP NOTE

HOLES: 1/2" (U.N.)
BOLTS: AS NOTED
PAINT: NONE

FOR GENERAL NOTES, SEE DWG. N1.
FOR CAMBER DIAGRAM, SEE DWG. WCI.

R95-125

CODE: 4000

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
1	ME	I-14-315-8(82)174

BILL OF MATERIAL

NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SHIP WEIGHT
ONE	G3A	GIRDER				24,894
ONE	a	PL 13 x 3/4	87	11 1/2		
ONE	b	PL 19 x 1 1/2	88	0 1/2		
ONE	c	PL 79 x 1 1/2	88	0 1/2		
2	xc	1" ROD	62	5 3/8	THD. BOTH ENDS	20
ONE	x1f	PL 10 x 3/8	6	7		
ONE	x3d	FILL PL. 11 x 8	1	3 1/2		
ONE	x3ad	FILL PL. 17 x 8	1	5 1/2		
2	x1a	BAR 5 x 1 1/2	6	7		
2	x1b	BAR 5 x 1 1/2	6	7		
3	x1af	BAR 5 x 1 1/2	6	7		
ONE	x1aa	BAR 8 x 1	6	7		
ONE	x1b	BAR 8 x 1	6	7		
ONE	x2p	BAR 7 x 1 1/2	6	7		
ONE	x2n	BAR 7 x 1 1/2	6	7		
ONE	x2ak	BAR 7 x 1 1/2	6	7		
ONE	x2ah	BAR 7 x 1 1/2	6	7		
ONE	x1ay	BAR 7 x 1 1/2	6	7		
ONE	x1an	BAR 7 x 1 1/2	6	7		
3	x4ap	LS x 3 x 1/4	0	6		
4		1" STD. HEX. NUTS			B1	12
4		WASH. FOR 1" ROD			B1	8
6		3/8" H.S. BOLTS	0	2	B1	2
6		WASH. FOR 3/8" H.S. BOLT			B1	9

NO.	REVISION	CHANGED WELD SIZES	DATE
2			1-3-85
NO.	REVISION	CONTRACT REVISION CONTROL #14	DATE
1			9-10-84

HIGH STEEL STRUCTURES, INC.

1905 Old Philadelphia Pike
Lancaster, Pennsylvania 17603
Phone 717/299-5211

A Subsidiary of High Industries, Inc.

GIRDER G3A

I-395 BRIDGE OVER PENOBSCOT RIVER

I-395 BRIDGE STA. 164+60.00

PENOBSCOT COUNTY

STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

STATE CONTRACT OR REF. NO. 6 CONTRACTOR CIAMERO CORP.

IN CHARGE: HINKLE MADE BY: G.F.F. CHK. BY: CS DATE: 6-27-84

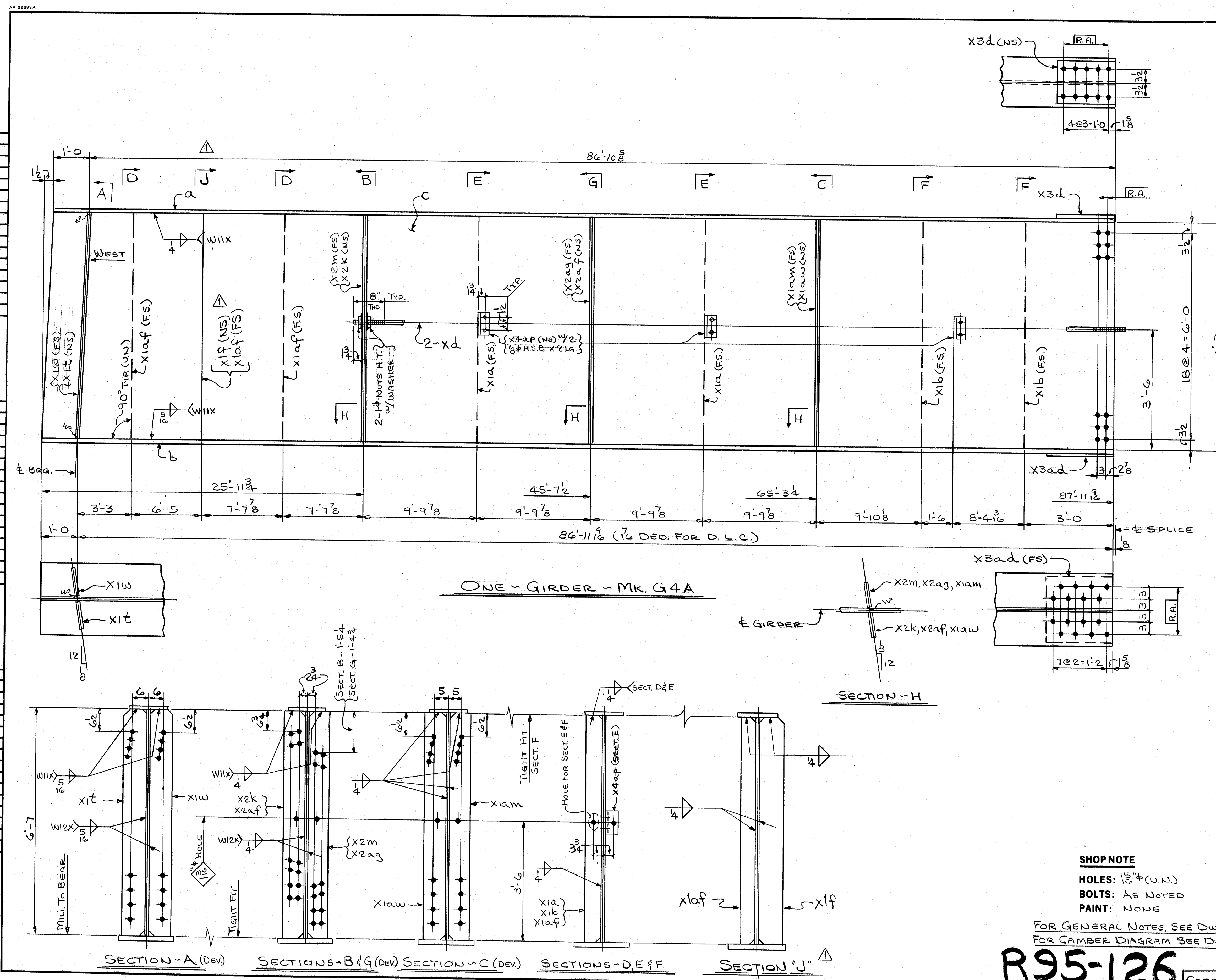
CONTRACT NUMBER: ME-84088-1 DRAWING NUMBER: 9 OF 36

AP 22083A

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FED. ROAD DIV. NO.		STATE	FED. AID PROJ. NO.	
1		ME	I-14-395-8(8)	

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM
ONE	G4A	GIRDER			24
ONE	a	PL 13 x 3/4	87	10 5/8	
ONE	b	PL 19 x 1 1/2	87	11 1/2	
ONE	c	PL 79 x 1/2	88	0 3/4	
2	Xd	1" ROD	62	4 3/8	THD. BOTH ENDS 9 19
ONE	Xlf	PL 10 x 3/8	6	7	
ONE	X3d	FIL PL 11 x 3/8	1	3 3/8	
ONE	X3ad	FIL PL 17 x 3/8	1	5 3/8	
2	X1a	BAR 5 x 1/2	6	7	
2	X1b	BAR 5 x 1/2			
3	X1af	BAR 5 x 1/2			
ONE	X1w	BAR 8 x 1			
	X1t	BAR 8 x 1			
	X2m	BAR 7 x 1/2			
	X2k				
	X2as				
	X2af				
	X1am				
ONE	X1aw	BAR 7 x 1/2	6	7	
3	X4ap	5 x 3 x 1/4	0	6	
4		1" STD. HEX. NUTS			BI 12
4		WASH. FOR 1" ROD			BI 8
6		3/8" H.S. BOLTS	0	2	BI 2
6		WASH. FOR 3/8" H.S. BOLT			BI 9

SHOP NOTE

HOLES: 1/2" (U.N.)
BOLTS: AS NOTED
PAINT: NONE

FOR GENERAL NOTES, SEE DWG. N1.
FOR CAMBER DIAGRAM SEE DWG. WCI.

R95-126

CODE: 4000

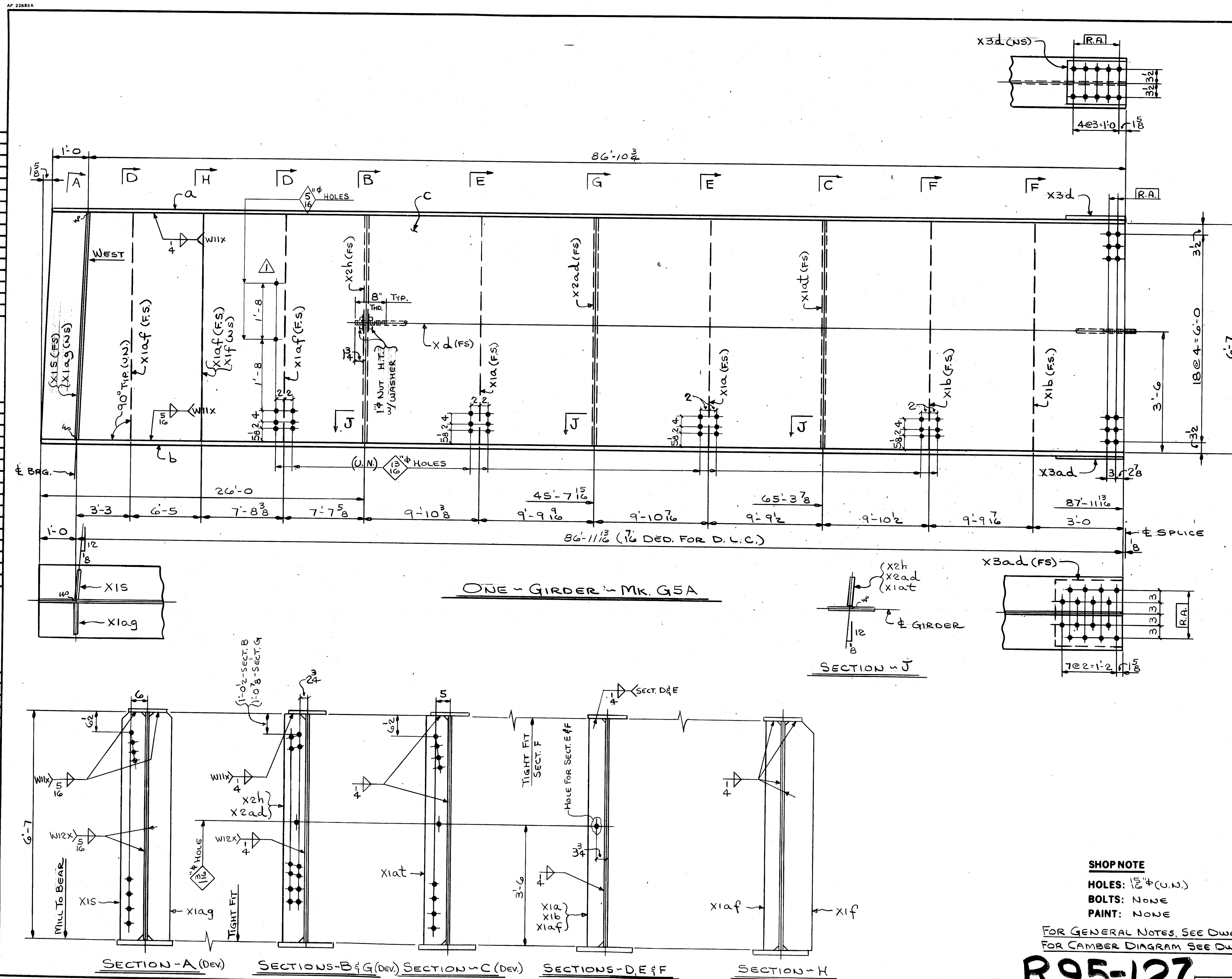
NO.	REVISION	CONTRACT REVISION	DATE
		control # 14	9-10-84
HIGH STEEL STRUCTURES, INC.			
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211			
A Subsidiary of High Industries, Inc.			
GIRDER G4A			
I-395 BRIDGE OVER PENOBSCOT RIVER			
I-395 BRIDGE STA. 164+60.00			
PENOBSCOT COUNTY			
STATE OF MAINE			
DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT OR REF. NO.	CONTRACTOR	DATE	
6	CIANERO CORP.	9-27-84	
IN CHARGE: HINKLE	MADE BY: G.F.Z.	CHK'D BY: CS	DATE: 9-27-84
CONTRACT NUMBER: ME-84088-1	DRAWING NUMBER:	10 OF 36	

AF 22803A

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x
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SHOP NOTE

HOLES: 1/2" (U.N.)
BOLTS: NONE
PAINT: NONE

FOR GENERAL NOTES, SEE DWG. N1.
FOR CAMBER DIAGRAM SEE DWG. WCI.

R95-127

Code: 4000

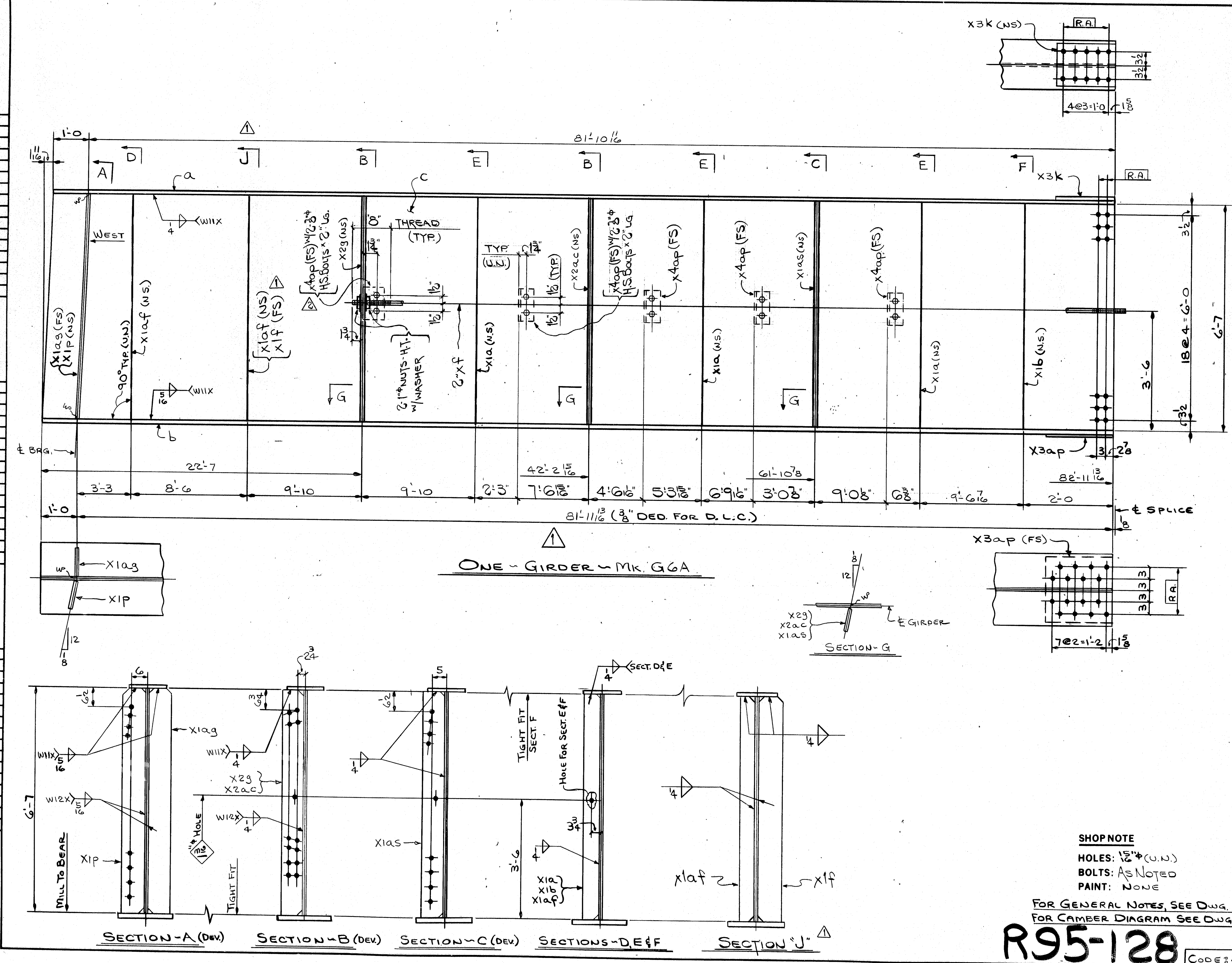
FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
1	ME	1-14-395-8(82)04

BILL OF MATERIAL

NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	QUANTITY
ONE	G5A	GIRDER				24500
ONE	a	PL 13 x 3/4	87 10 3/4			
ONE	b	PL 19 x 1 1/2	87 11 1/2			
ONE	c	PL 79 x 1/2	88 0 3/8			
ONE	x3d	1 1/4" ROD	62 4 3/8	THD. BOTH ENDS		
ONE	x3d	FL. PL. 11 x 7/8	1 3/8			
ONE	x3ad	FL. PL. 17 x 8	1 5/8			
2	x1a	BAR 5 x 1/2	6 7			
2	x1b	BAR 5 x 1/2				
3	x1af	BAR 5 x 1/2				
ONE	x1s	BAR 8 x 1				
	x1ag	BAR 8 x 1				
	x1f	PL 10 x 3/8				
	x2h	BAR 7 x 1/2				
	x2ad	BAR 7 x 1/2				
ONE	x1at	BAR 7 x 1/2	6 7			
2		1" STD. HEX. NUTS				
2		WASH. FOR 1" ROD				

NO.	REVISION	ADD. HOLES FOR CATWALK CHAIN	DATE 2-12-85
HIGH STEEL STRUCTURES, INC.			
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211			
A Subsidiary of High Industries, Inc.			
GIRDER G5A			
I-395 BRIDGE OVER PENOBSCOT RIVER			
I-395 BRIDGE STA. 164+60.00			
PENOBSCOT COUNTY			
STATE OF MAINE			
DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT OR REF. NO.	6	CONTRACTOR	CIANBRO CORP.
IN CHARGE	HINKLE	MADE BY	G.F.Z. CHK'D BY CS
CONTRACT NUMBER	ME-84088-1	DRAWING NUMBER	11 OF 36

AF 22603A



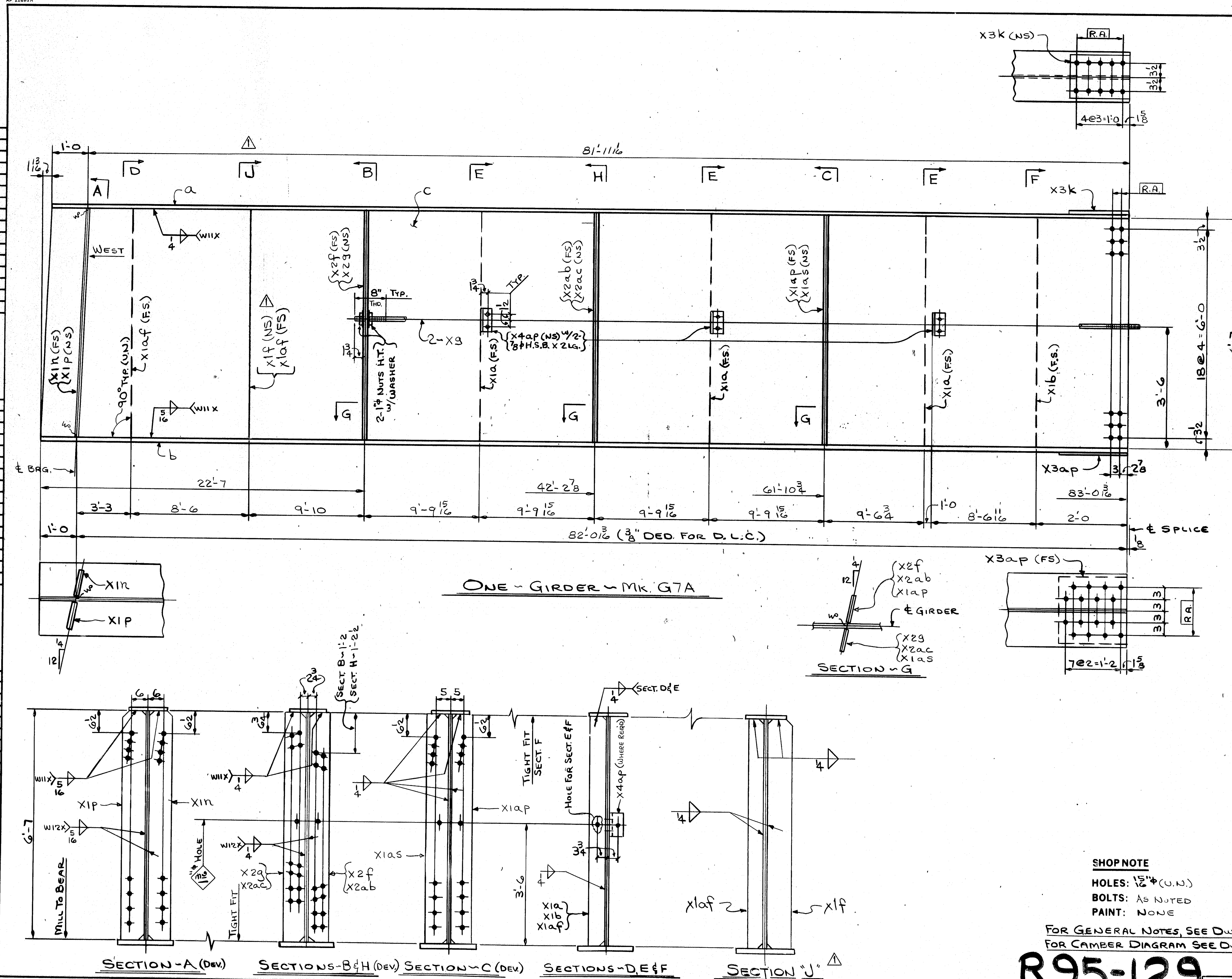
FED. ROAD DIV. NO.		STATE	FED. AID PROJ. NO.		
1		ME	I-14-315-8(82)14		
BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM WEIGHT
ONE	GGA	GIRDER			23,302
ONE	a	PL 13 x 3/4	82 10 1/2		
ONE	b	PL 19 x 1/2	82 11 1/2		
ONE	c	PL 79 x 1/2	83 0 3/8		
2	xf	1" ROD	60 9 3/8	THD. BOTH ENDS	5
ONE	x1f	PL 10 x 3/8	6 7		
ONE	x3k	FILL PL. 11 x 1"	1 3 3/8		
ONE	x3ap	FILL PL. 17 x 4"	1 5 3/8		
3	x1a	BAR 5 x 1/2	6 7		
ONE	x1b	BAR 5 x 1/2			
2	x1ap	BAR 5 x 1/2			
ONE	x1ag	BAR 8 x 1			
	x1p	BAR 8 x 1			
	x2g	BAR 7 x 1/2			
	x2ac	BAR 7 x 1/2			
ONE	x1as	BAR 7 x 1/2	6 7		
5	x4ap	5 x 3 x 4	0 6		
4		1" STD. HEX. NUTS			8 1/2
4		WASH. FOR 1" ROD			8 1/2
10		3" H.S. BOLT	0 2		8 1/2
10		WASHERS FOR 3" H.S. BOLTS			8 1/2

SHOP NOTE
HOLES: 1/2" (U.N.)
BOLTS: AS NOTED
PAINT: NONE
FOR GENERAL NOTES, SEE DWG. N1.
FOR CAMBER DIAGRAM SEE DWG. WCI.

R95-128 CODE: 4000

NO.	changed to x4an to x4ap	12-14-84
REVISION	CONTRACT REVISION CONTROL # 14	DATE 9-10-84
HIGH STEEL STRUCTURES, INC.		
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211 A Subsidiary of High Industries, Inc.		
GIRDER G6A		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR CIAMERO CORP.
IN CHARGE: HINKLE	MADE BY: G.F.F. CHK. BY: CS	DATE: 12-27-84
CHARGE: ME-84088-1	DRAWING NUMBER: 12 OF 36	

AP 22082A



FED. ROAD DIV. NO.		STATE	FED. AID PROJ. NO.
1		ME	114-395-8(8)

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM
ONE	G7A	GIRDER			1353
ONE	a	PL 13 x 3/4	82 11 1/2		
ONE	b	PL 19 x 1 1/2	83 0 3/8		
ONE	c	PL 79 x 1/2	83 0 3/8		
2	X3	1" ROD	60 10 8	THD. BOTH ENDS	15
ONE	X1P	PL 10 x 3/8	6 7		
ONE	X3K	FILL PL 11 x 1"	1 3 3		
ONE	X3ap	FILL PL 17 x 1/4	1 5 6		
3	X1a	BAR 5 x 1/2	6 7		
ONE	X1b	BAR 5 x 1/2			
2	X1ap	BAR 5 x 1/2			
ONE	X1N	BAR 8 x 1"			
	X1P	BAR 8 x 1"			
	X2f	BAR 7 x 1/2			
	X2g				
	X2ab				
	X2ac				
	X1AP				
ONE	X1AS	BAR 7 x 1/2	6 7		
3	X4ap	5 x 3 x 1/4	0 6		
4		1" STD. HEX. NUTS			B1 12
4		WASH. FOR 1" ROD			B1 8
6		7/8" H.S. BOLTS	0 2		B1 2
6		WASH. FOR 7/8" H.S. BOLT			B1 9

SHOP NOTE

HOLES: 1/2" (U.N.)
BOLTS: AS NOTED
PAINT: NONE

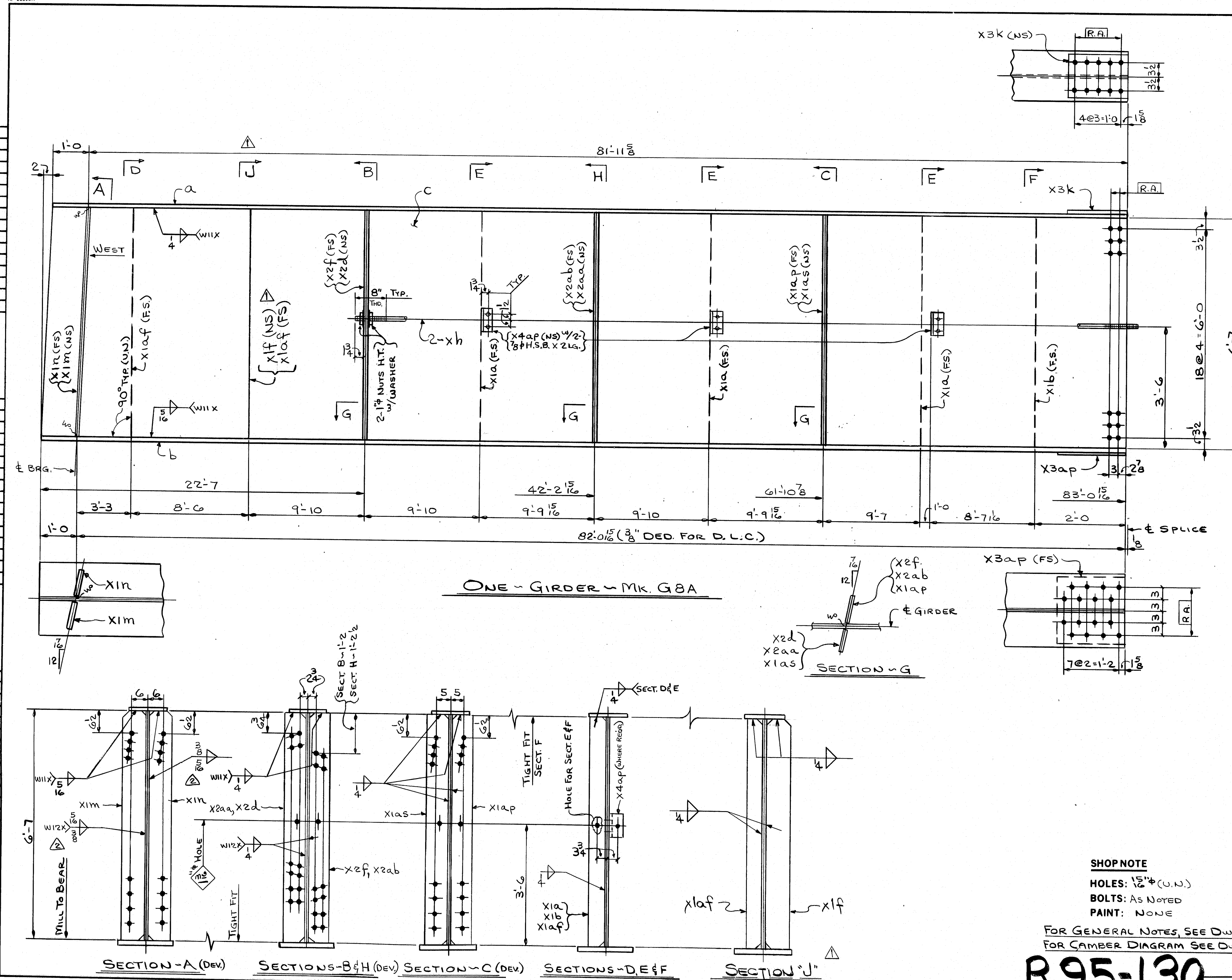
FOR GENERAL NOTES, SEE DWG. N1.
FOR CAMBER DIAGRAM SEE DWG. WCI.

R95-129

CODE: 4000

NO.	REVISION	CONTRACT REVISION	DATE 9-10-84
HIGH STEEL STRUCTURES, INC.			
1395 BRIDGE OVER PENOBSCOT RIVER			
1395 BRIDGE STA. 164+60.00			
PENOBSCOT COUNTY			
STATE OF MAINE			
DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT OR REF. NO.	6	CONTRACTOR	CIANBRO CORP.
IN CHARGE	HINKLE	MADE BY	G.F.Z.
CHARGE	CS	DATE	8-2-84
CONTRACT NUMBER	ME-84088-1	DRAWING NUMBER	13 OF 36

AF 2263A



ONE GIRDER - MK. G8A

SHOP NOTE

HOLES: 1 1/2" (U.N.)
 BOLTS: AS NOTED
 PAINT: NONE

FOR GENERAL NOTES, SEE DWG. N1.
 FOR CAMBER DIAGRAM SEE DWG. W1.

R95-130

CODE: 4000

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.
1	ME	114-395-8(82)04

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM
ONE	G8A	GIRDER			73549
ONE	a	PL 13 X 3/4	82	11 1/2	
ONE	b	PL 19 X 1 1/2	83	0 1/2	
ONE	c	PL 79 X 1 1/2	83	1 1/2	
2	Xh	1" ROD	60	10 1/2	THD. BOTH ENDS
ONE	X1f	PL 10 X 3/8	6	7	
ONE	X3k	FILL PL. 11 X 1"	1	3 1/2	
ONE	X3ap	FILL PL. 17 X 1/4	1	5 1/2	
3	X1a	BAR 5 X 1/2	6	7	
ONE	X1b	BAR 5 X 1/2			
2	X1c	BAR 5 X 1/2			
ONE	X1d	BAR 8 X 1"			
X1m	BAR 8 X 1"				
X2f	BAR 7 X 1/2				
X2d					
X2aa					
X2ab					
X1ap					
ONE	X1as	BAR 7 X 1/2	6	7	
3	X4ap	LS 3 X 1/4	0	6	
4		1" STD. HEX. NUTS			B/12
4		WASH. FOR 1" ROD			B/8
6		7/8" H.S. BOLTS	0	2	B/2
6		WASH. FOR 7/8" H.S. BOLT			B/4

NO.	REVISION	CHANGED WELD SIZES	DATE
2			1-3-85
NO.	REVISION	CONTRACT REVISION	DATE
1		control #14	9-10-84

HIGH STEEL STRUCTURES, INC.

1905 Old Philadelphia Pike
 Lancaster, Pennsylvania 17603
 Phone 717/299-5211

GIRDER G8A

I-395 BRIDGE OVER PENOBSCOT RIVER

I-395 BRIDGE STA. 164+60.00

PENOBSCOT COUNTY

STATE OF MAINE

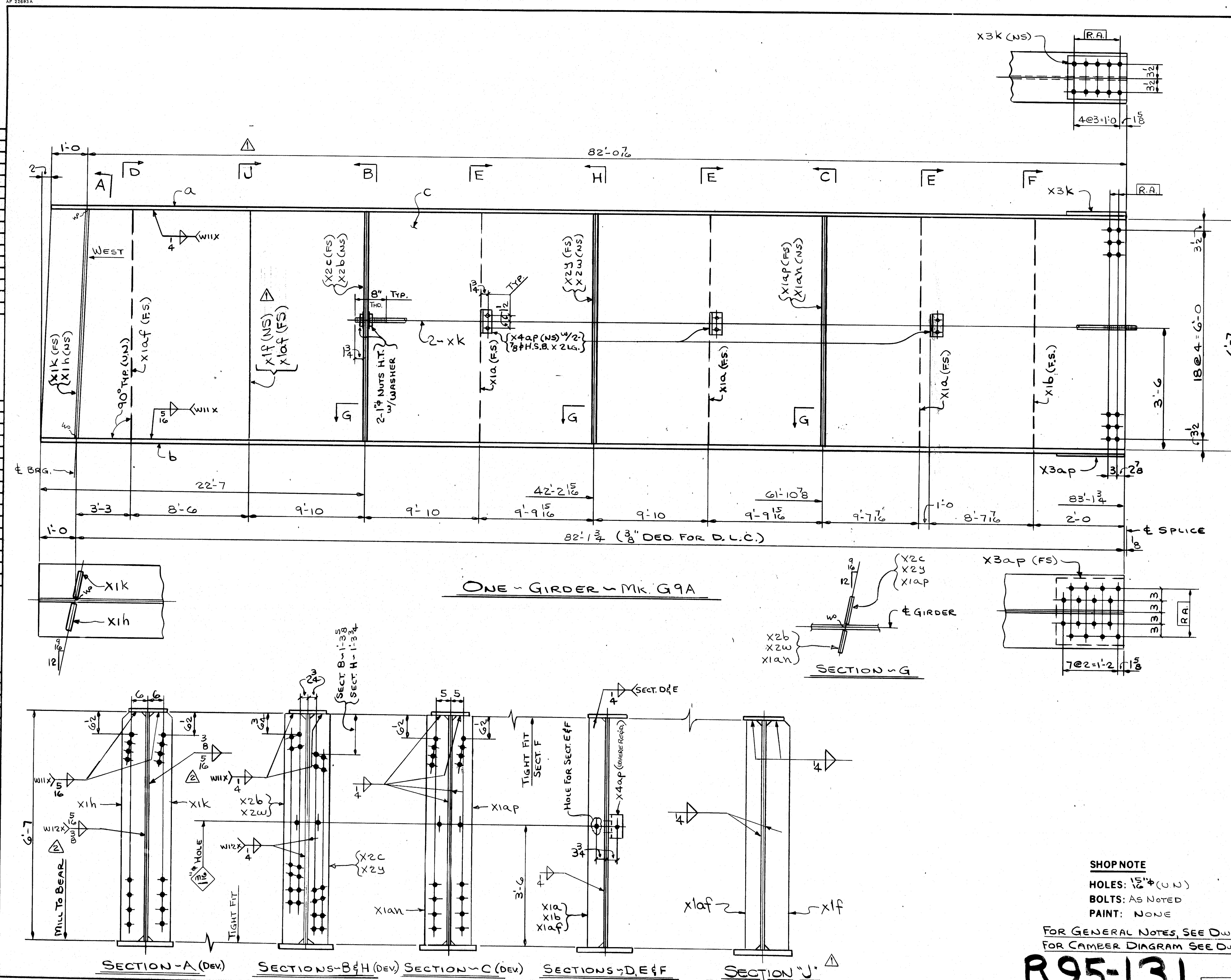
DEPARTMENT OF TRANSPORTATION

STATE CONTRACT OR REF. NO. **6** CONTRACTOR **CIANERO CORP.**

IN CHARGE: **HINKLE** MADE BY: **G.F.Z.** CHK. BY: **CS** DATE: **6-28-84**

CONTRACT NO. **ME-84088-1** DRAWING NUMBER: **14 OF 36**

AF 22083A



FED. ROAD DIV. NO.		STATE	FED. AID PROJ. NO.
1		ME	114-395-8(82)

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	QTY
ONE	G9A	GIRDER				23
ONE	a	R. 13 x 3/4	83	0.7		
ONE	b	R. 19 x 1 1/2	83	1 3/4		
ONE	c	R. 79 x 1/2	83	2 1/2		
2	XK	1" ROD	60	11 3/4	THD. BOTH ENDS	17
ONE	X1F	R. 10 x 3/8	6	7		
ONE	X3K	FILL R. 11 x 1"	1	3 3/8		
ONE	X3ap	FILL R. 17 x 4	1	5 3/8		
3	X1a	BAR 5 x 1/2	6	7		
ONE	X1b	BAR 5 x 1/2				
2	X1ap	BAR 5 x 1/2				
ONE	X1K	BAR 8 x 1"				
	X1H	BAR 8 x 1"				
	X2C	BAR 7 x 1/2				
	X2b					
	X2w					
	X2y					
	X1Ap					
ONE	X1an	BAR 7 x 1/2	6	7		
3	X4a	L 5 x 3 x 1/4	0	6		
4		1" STD. HEX NUTS				B1 12
4		WASH. FOR 1" ROD				B1 8
6		7/8" H.S. BOLTS	0	2		B1 2
6		WASH. FOR 7/8" H.S. BOLT				B1 4

SHOP NOTE

HOLES: 1 1/2\"/>

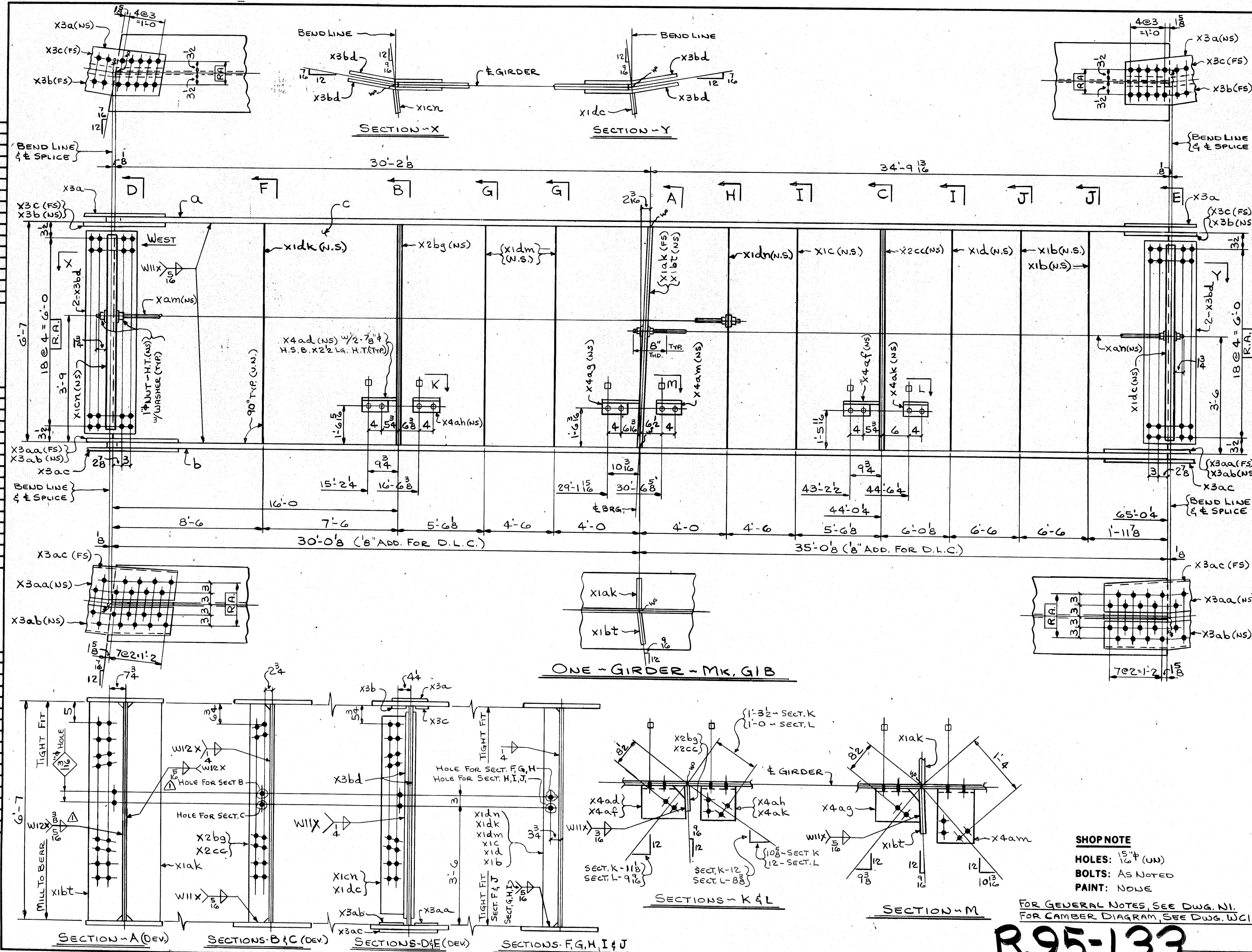
BOLTS: AS NOTED
PAINT: NONE
FOR GENERAL NOTES, SEE DWG. N1.
FOR CAMBER DIAGRAM SEE DWG. WCI.

R95-131

CODE: 4000

NO.	REVISION	CHANGED WELD SIZES	DATE	1-3-85
NO.	REVISION	CONTRACT REVISION	DATE	9-10-84
HIGH STEEL STRUCTURES, INC.				
1805 Old Philadelphia Pk. Lincoln, Pennsylvania 17603 Phone 717 296-5211				
A Subsidiary of High Industries, Inc.				
GIRDER G9A				
I-395 BRIDGE OVER PENOBSCOT RIVER				
I-395 BRIDGE STA. 164 + 60.00				
PENOBSCOT COUNTY				
STATE OF MAINE				
DEPARTMENT OF TRANSPORTATION				
STATE CONTRACT OR REF. NO.	6	CONTRACTOR	CIANERO CORP.	
IN CHARGE	HINKLE	MADE BY	G.F.Z.	CHK'D BY
CONTRACT NUMBER	ME-84088-1	DRAWING NUMBER	15 OF 36	DATE

AF 22857A



FED. ROAD DIV. NO.		STATE	FED. AID PROJ. NO.
1		ME	I-395-8(82)

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SHIP WEIGHT
ONE	G1B	GIRDER				32,740
ONE	a	PL. 27 X 1 1/2	65 0 1/2			773.66
ONE	b	PL. 27 X 1 1/2	65 0 3/4			773.75
ONE	c	PL. 79 X 1 1/2	65 0 4			1,134.34
ONE	Xam	1" ROD	34 4/6	THD. BOTH ENDS	5/8	71.7
ONE	Xan	1" ROD	35 3/8	THD. BOTH ENDS	5/8	71.8
2	x1b	BAR 5 X 1 1/2	6 7			14.8
ONE	x1c	BAR 6 X 1 1/2				25.6
ONE	x1d	BAR 5 X 1 1/2				41.88
ONE	x1dk	BAR 5 X 1 1/2				41.82
2	x1dm	BAR 6 X 1 1/2				107.7
ONE	x1dn	BAR 6 X 1 1/2				157.1
ONE	x1ak	PL. 12 X 1 1/2				1.77
ONE	x1bt	PL. 12 X 1 1/2				1.77
ONE	x2b9	BAR 7 X 1 1/2				44.65
ONE	x2cc	BAR 7 X 1 1/2	6 7			24.62
ONE	x1cn	BAR 8 X 1/2	6 1			22.5
ONE	x1dc	BAR 8 X 1/2	6 1			24.35
2	x3a	PL. 11 1/2 X 1/2	2 6 1/2			12.14
	x3b	BAR 4 1/2 X 3/4	2 6 1/2			5.31
	x3c	BAR 4 1/2 X 3/4	2 6 1/2			5.31
	x3aa	PL. 8 5/8 X 1"	2 10 1/2			11.8
	x3ab	PL. 8 5/8 X 1"	2 10 1/2			11.8
	x3ac	PL. 17 5/8 X 7/8	2 10 1/2			24.74
4	x3bd	BENT PL. 75 X 1/2	1 3			4.81
ONE	x4ad	PL. MC 18 X 45.8	0 11 1/2			75.5
	x4af		0 11 1/2			75.5
	x4ag		0 11 1/2			75.5
	x4ah		0 9 1/4			57.3
	x4ak		0 8 1/2			27.04
ONE	x4am	PL. MC 18 X 45.8	0 9 1/2			57.3
12		7/8" H.S. BOLTS	0 2 1/2		B1	1.6
12		WASH. FOR 7/8" H.S. BOLT			B1	4
8		1" STD. HEX. NUTS			B1	12
8		WASH. FOR 1" ROD			B1	8

SHOP NOTE

HOLES: 1 1/2" (UN)
BOLTS: AS NOTED
PAINT: NONE

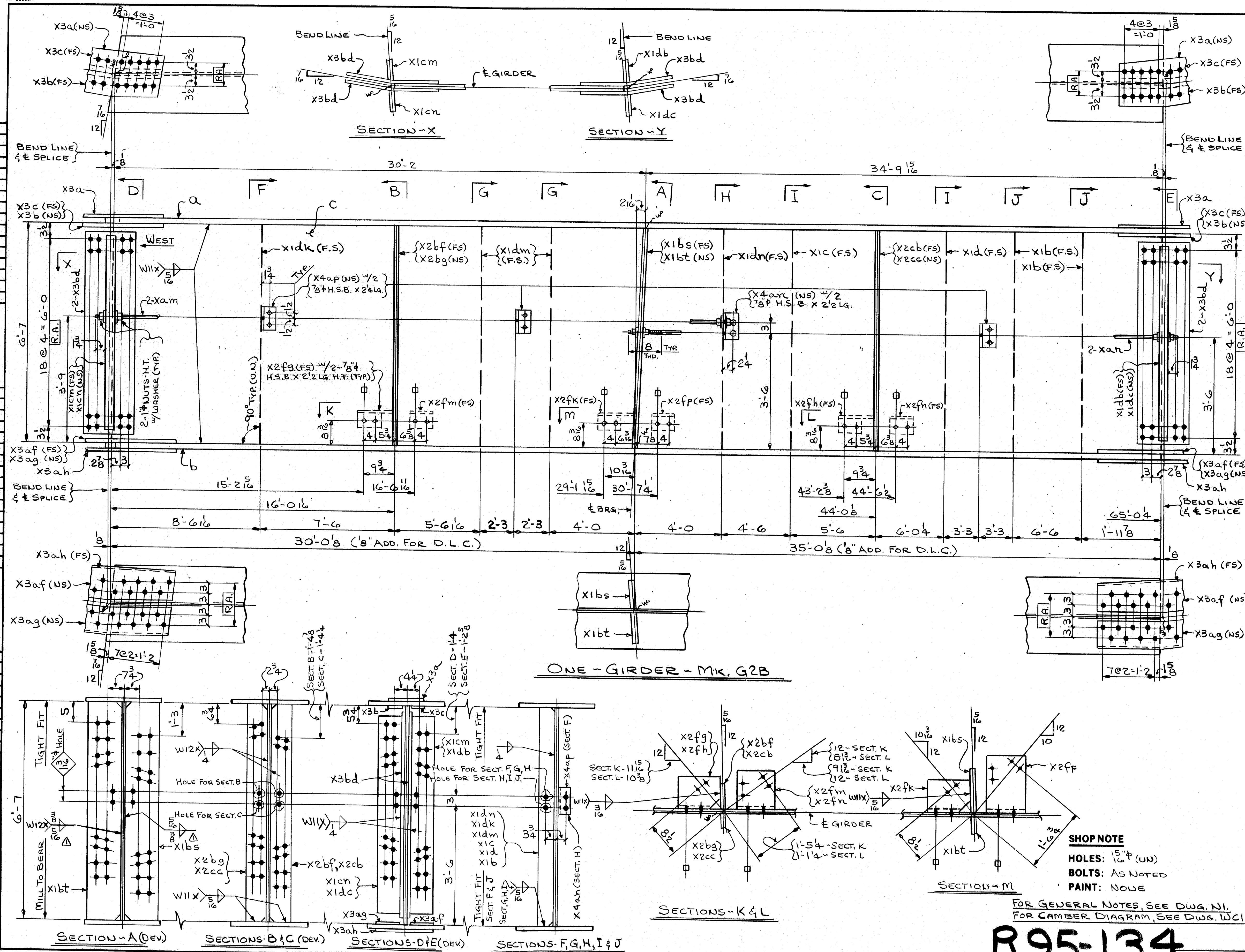
FOR GENERAL NOTES, SEE DWG. N1.
FOR CAMBER DIAGRAM, SEE DWG. W1.

R95-133

CODE: 4000

NO. 1	REVISION CHANGED WELD SIZES	DATE 1-3-85
HIGH STEEL STRUCTURES, INC. 1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/298-5211 A Subsidiary of High Industries, Inc.		
GIRDER GIB I-395 BRIDGE OVER PENOBSCOT RIVER I-395 BRIDGE STA. 164+60.00 PENOBSCOT COUNTY STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO. 6	CONTRACTOR GAMBRO CORP.	
IN CHARGE: HINKLE	MADE BY: G.F.Z.	CHK'D BY: CS
DATE: 6-28-84	DRAWING NUMBER: 17 OF 36	

AF 2283A



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.
1	ME	116-395-8(82)176

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM WEIGHT
ONE	G2B	GIRDER			33,255
ONE	A	PL 27 X 1 1/2	65 0 1/2		
ONE	B	PL 27 X 1 1/2	65 0 1/2		
ONE	C	PL 79 X 1 1/2	65 0 1/2		
2	Xam	1" ROD	34 4 1/4	THD. BOTH ENDS	6 3/4
2	Xan	1" ROD	35 3 3/8	THD. BOTH ENDS	6 3/4
2	X1b	BAR 5 X 1 1/2	6 7		
ONE	X1c	BAR 6 X 1 1/2			
ONE	X1d	BAR 5 X 1 1/2			
ONE	X1dk	BAR 5 X 1 1/2			
2	X1dm	BAR 6 X 1 1/2			
ONE	X1dn	BAR 6 X 1 1/2			
	X1bs	PL 12 X 1 1/2			
	X1bt	PL 12 X 1 1/2			
	X2bf	BAR 7 X 1 1/2			
	X2bg				
	X2cb				
	X2cc	BAR 7 X 1 1/2	6 7		
	X1cm	BAR 8 X 2	6 1		
	X1cn				
	X1db				
ONE	X1dc	BAR 8 X 1/2	6 1		
3	X4ap	5 X 3 X 1/4	0 6		
ONE	X4am	5 X 3 1/2 X 1/2	0 6		
2	X3a	PL 11 1/2 X 1/2	2 6 1/2		
	X3b	BAR 4 1/2 X 3/4	2 6 1/2		
	X3c	BAR 4 1/2 X 3/4	2 6 1/2		
	X3af	PL 8 1/2 X 1"	2 10 1/2		
	X3ag	PL 8 1/2 X 1"	2 10 1/2		
2	X3ah	PL 17 1/2 X 3/8	2 10 1/2		
4	X3bd	BENT PL 75 X 1/2	1 3		
16		1" STD. HEX NUTS			B1 1/2
16		WASH. FOR 1" ROD			B1 1/2
6		7/8" H.S. BOLTS	0 2 1/4		B1 3/4
14		7/8" H.S. BOLTS	0 2 1/2		B1 4
20		WASH. FOR 7/8" H.S. BOLTS			B1 4
ONE	X2fg	PL MC18 X 45.8	0 11 1/2		
	X2fh		0 11 1/2		
	X2fk		0 11 1/2		
	X2fm		0 10 1/4		
	X2fn		0 9 3/4		
ONE	X2fp	PL MC18 X 45.8	0 11 1/2		

NO.	REVISION	CHANGED WELD SIZES	DATE
1			1-3-85

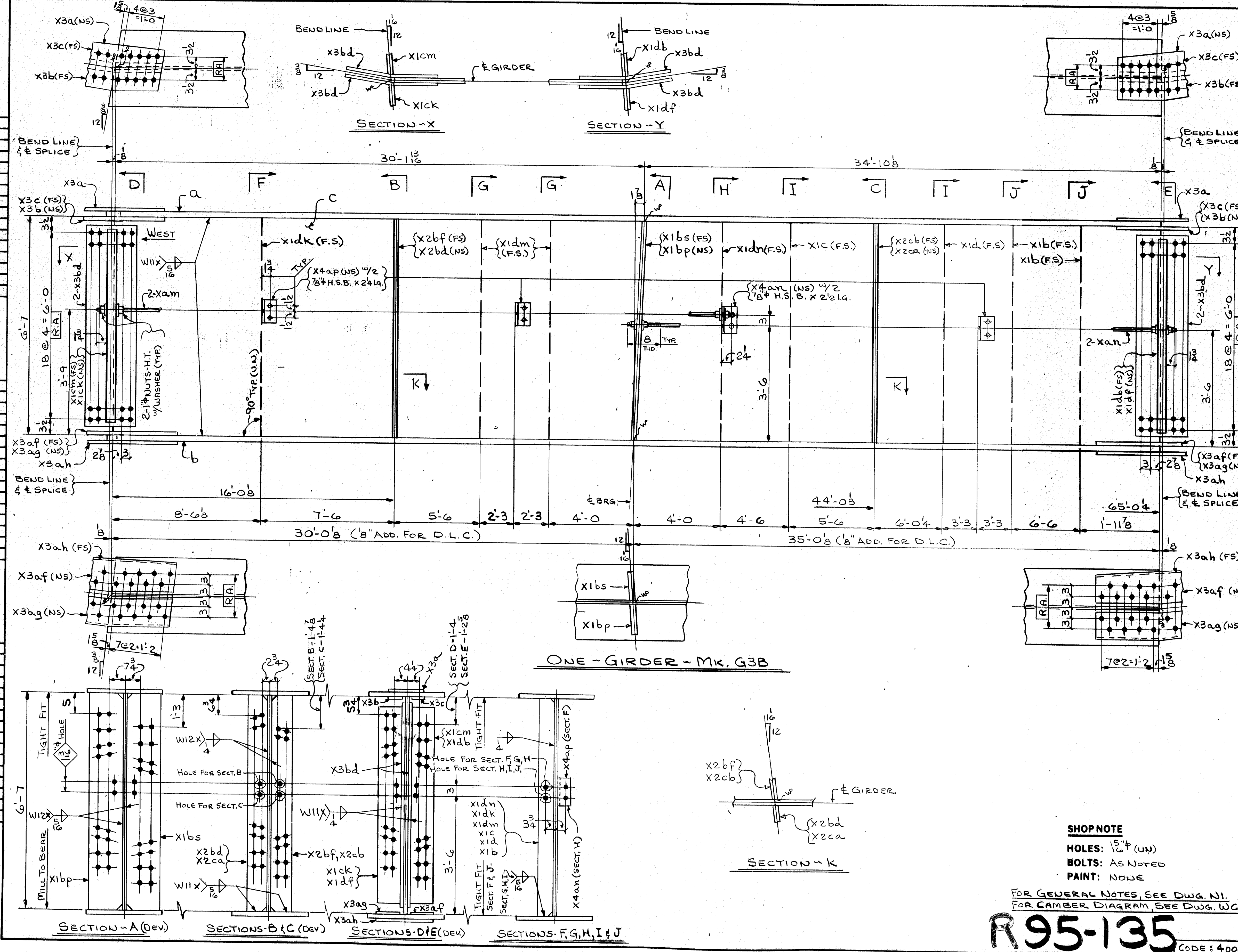
HIGH STEEL STRUCTURES, INC.	
1905 Old Philadelphia Pk. Lancaster, Pennsylvania 17603 Phone 717/296-5211	
A Subsidiary of High Industries, Inc.	

GIRDER	
I-395 BRIDGE OVER PENOBSCOT RIVER	
I-395 BRIDGE STA. 164+60.00	
PENOBSCOT COUNTY	
STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
STATE CONTRACT OR REF. NO.	CONTRACTOR
6	GAUBRO CORP.
IN CHARGE: HINKLE	MADE BY: G.F.Z.
CONTRACT ME-84088-1	CHK'D BY: CS
DRAWING NUMBER	DATE: 6-28-84
	18 OF 36

R95-134

CODE: 4000

AF 22683A



BILL OF MATERIAL					
NO.	NAME	DESCRIPTION	LENGTH	REMARKS	ITEM
ONE	G3B	GIRDER			32,995
ONE	a	PL. 27 x 1 1/2	65' 0 3/8		1710
ONE	b	PL. 27 x 1 1/2	65' 0 1/16		1715
ONE	c	PL. 79 x 9 1/2	65' 0 4		1715
2	Xam	1" Rod	34' 4 1/2	THD. BOTH ENDS	1830
2	Xan	1" Rod	35' 3 3/8	THD. BOTH ENDS	1830
2	X1b	BAR 5 x 1 1/2	6' 7		1509
ONE	X1c	BAR 6 x 1 1/2			1520
ONE	X1d	BAR 5 x 1 1/2			1409
ONE	X1dk	BAR 5 x 1 1/2			
2	X1dm	BAR 6 x 1 1/2			1509
ONE	X1dn	BAR 6 x 1 1/2			
1	X1bs	PL. 12 x 1 1/2			1509
1	X1bp	PL. 12 x 1 1/2			1509
1	X2bf	BAR 7 x 1 1/2			1509
1	X2ca	BAR 7 x 1 1/2			1509
1	X1cm	BAR 8 x 1 1/2			1509
1	X1db	BAR 8 x 1 1/2			1509
ONE	X1df	BAR 8 x 1 1/2			1509
3	X4ap	5 x 3 x 1/4	0' 6		1509
ONE	X4an	5 x 3 x 1/2	0' 6		1509
2	X3a	PL. 11 1/2 x 3/4	2' 6 1/2		1509
1	X3b	BAR 4 1/2 x 3/4	2' 6 1/2		1509
1	X3c	BAR 4 1/2 x 3/4	2' 6 1/2		1509
1	X3af	PL. 8 1/2 x 1"	2' 10 1/2		1509
1	X3ag	PL. 8 1/2 x 1"	2' 10 1/2		1509
2	X3ah	PL. 17 1/2 x 7/8	2' 10 1/2		1509
4	X3bd	BENT PL. 75 x 1/2	1' 3		1509
16	1" STD. HEX NUTS				81
16	WASH. FOR 1" ROD				81
6	3/8" H.S. BOLTS		0' 2 1/4		81
2	3/8" H.S. BOLTS		0' 2 1/2		81
8	WASH. FOR 7/8" H.S. BOLTS				81

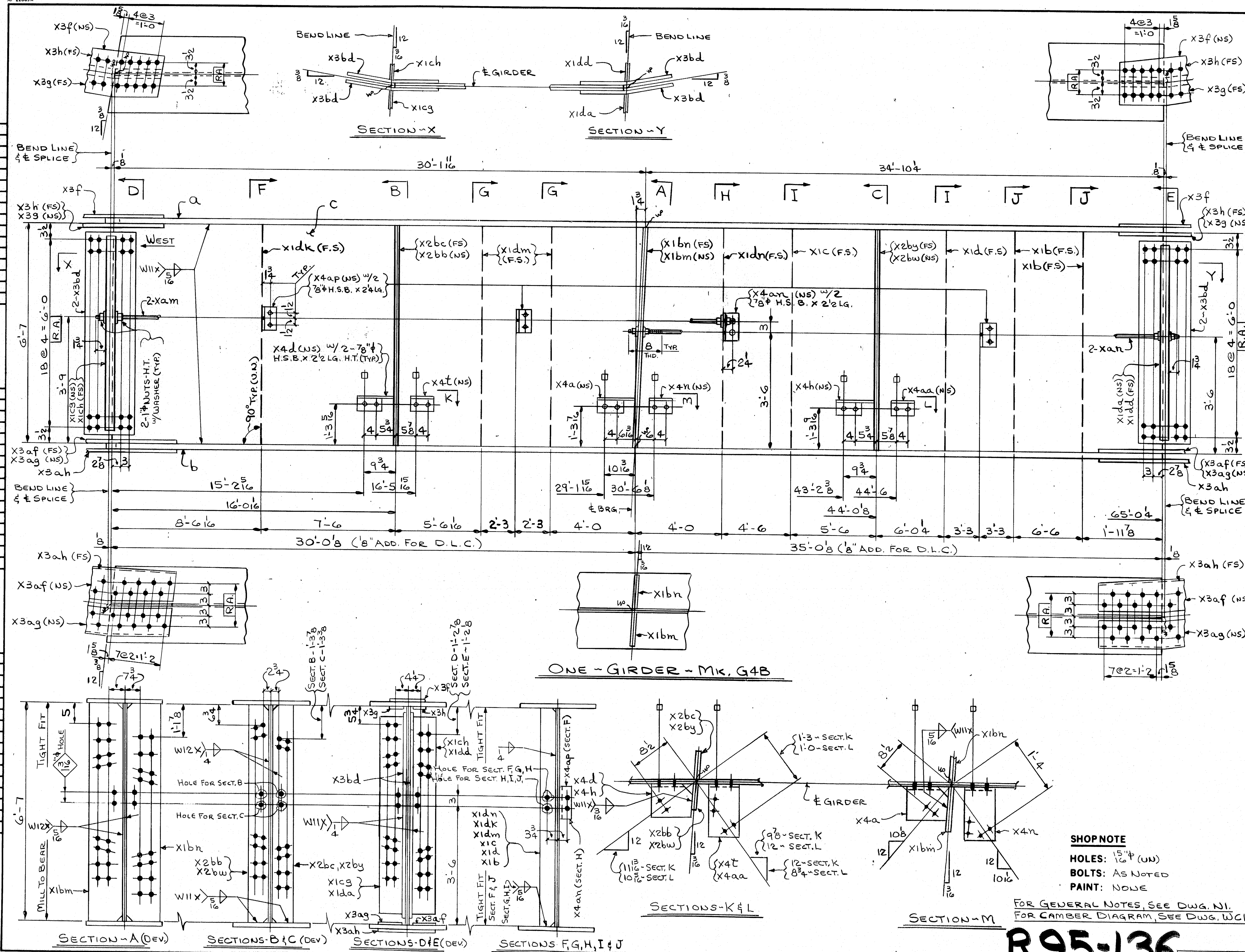
SHOP NOTE
 HOLES: 1/2" (UN)
 BOLTS: AS NOTED
 PAINT: NONE

FOR GENERAL NOTES, SEE DWG. N1.
 FOR CAMBER DIAGRAM, SEE DWG. W1.

R95-135

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC.		
1395 BRIDGE OVER PENOBSCOT RIVER		
1395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	CONTRACTOR	DATE
6	GABERO CORP.	6/28/84
IN CHARGE: HINKLE	MADE BY: GFK	CHK'D BY: CS
CONTRACT NO. ME-84088-1	DRAWING NUMBER	19 OF 36

AP 22683A



FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
1	ME	114-395-8(82)176

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM
ONE	G4B	GIRDER			33.15.
ONE	a	PL. 27 X 1 1/2	65 0 8		
ONE	b	PL. 27 X 1 1/2	65 0 16		
ONE	c	PL. 79 X 1 1/2	65 0 4		
2	Xam	1" ROD	34 4 4	THD. BOTH ENDS	
2	Xan	1" ROD	35 3 8	THD. BOTH ENDS	
2	Xib	BAR 5 X 1 1/2	6 7		
ONE	Xic	BAR 6 X 1 1/2			
ONE	Xid	BAR 5 X 1 1/2			
ONE	Xidm	BAR 6 X 1 1/2			
ONE	Xidn	BAR 6 X 1 1/2			
ONE	Xibn	PL. 12 X 1 1/2			
ONE	Xibm	PL. 12 X 1 1/2			
ONE	X2bc	BAR 7 X 1 1/2			
ONE	X2bw	BAR 7 X 1 1/2			
ONE	X2by	BAR 7 X 1 1/2			
ONE	X1c9	BAR 8 X 1 1/2			
ONE	X1ch	BAR 8 X 1 1/2			
ONE	X1da	BAR 8 X 1 1/2			
ONE	X1dd	BAR 8 X 1 1/2			
ONE	X4ap	5 X 3 X 1/2	0 6		
ONE	X4an	5 X 3 X 1/2	0 6		
ONE	X3f	PL. 11 1/2 X 1/2	2 6 2		
ONE	X3g	BAR 4 3/8 X 3/4	2 6 2		
ONE	X3h	BAR 4 3/8 X 3/4	2 6 2		
ONE	X3af	PL. 8 1/2 X 1"	2 10 2		
ONE	X3ah	PL. 8 1/2 X 1"	2 10 2		
ONE	X3ag	PL. 17 1/2 X 3/8	2 10 2		
ONE	X3bd	BENT PL. 75 X 2	1 3		
ONE	X4a	PL. MC 18 X 45.8	0 11 6		
ONE	X4h	PL. MC 18 X 45.8	0 11 6		
ONE	X4d	PL. MC 18 X 45.8	0 11 6		
ONE	X4n	PL. MC 18 X 45.8	0 10		
ONE	X4t	PL. MC 18 X 45.8	0 8 2		

SHOPNOTE

HOLES: 1/2" (UN)
BOLTS: AS NOTED
PAINT: NONE

FOR GENERAL NOTES, SEE DWG. N1.
FOR CAMBER DIAGRAM, SEE DWG. WCI.

R95-136 CODE: 4000

NO.	REVISION	DATE
1		

HIGH STEEL STRUCTURES, INC.

1905 Old Philadelphia Pike
Lancaster, Pennsylvania 17603
Phone 717/299-5211

A Subsidiary of High Industries, Inc.

GIRDER G4B

I-395 BRIDGE OVER PENOBSCOT RIVER

I-395 BRIDGE STA. 164+60.00

PENOBSCOT COUNTY

STATE OF MAINE

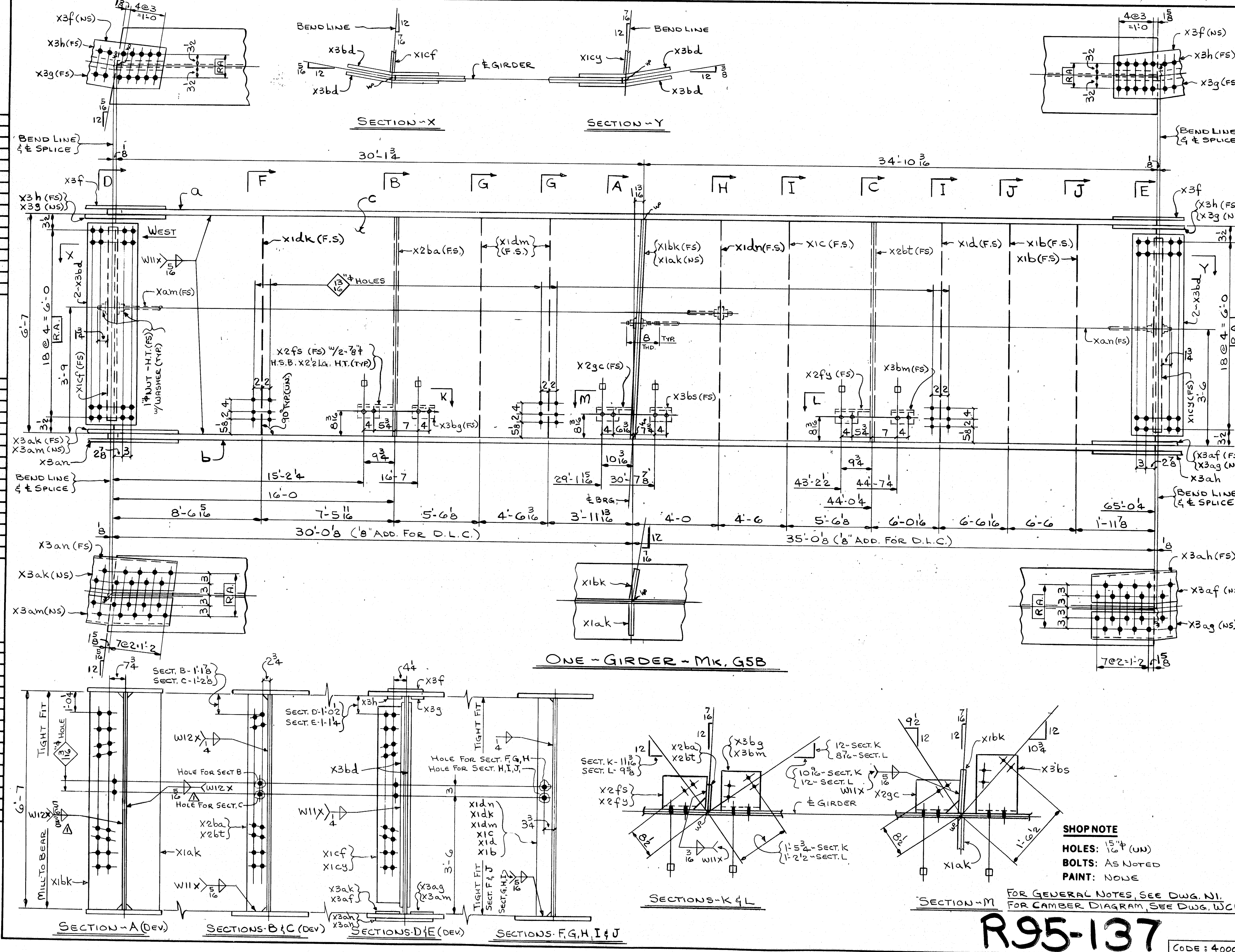
DEPARTMENT OF TRANSPORTATION

STATE CONTRACT NO. 6 CONTRACTOR GAMBRO CORP.

IN CHARGE HINKLE MADE BY G.F.Z. CHK'D BY CS DATE 6/28/84

CONTRACT ME-84088-1 DRAWING NUMBER 20 OF 36

AF 22683A



FED. ROAD DIV. NO.		STATE	FED AID PROJ. NO.	
1		ME	11G-395-8(82)176	

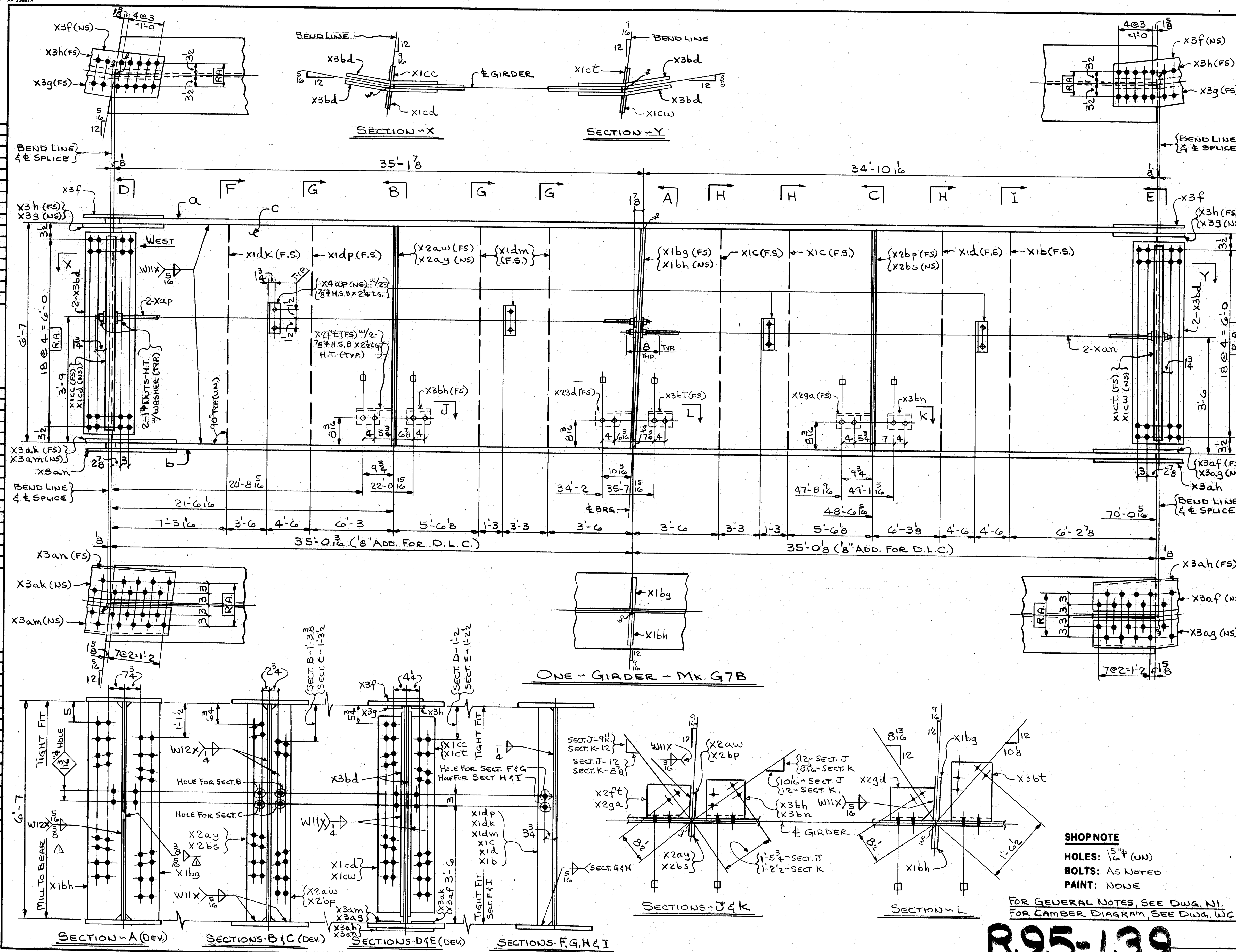
BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SHIP- WEIGHT
ONE	G5B	GIRDER				32735
ONE	a	PL. 27 X 1 1/2	65 0 1/2			
ONE	b	PL. 27 X 1 1/2	65 0 5/8			
ONE	c	PL. 79 X 1 1/2	65 0 4			
ONE	Xam	1" ROD	34 4 4	THD. BOTH ENDS	6 3	
ONE	Xan	1" ROD	35 3 3/8	THD. BOTH ENDS	6 3	
2	X1b	BAR 5 X 1 1/2	6 7			
ONE	X1c	BAR 6 X 1 1/2				
ONE	X1d	BAR 5 X 1 1/2				
ONE	X1dk	BAR 5 X 1 1/2				
2	X1dm	BAR 6 X 1 1/2				
ONE	X1dn	BAR 6 X 1 1/2				
ONE	X1bk	PL. 12 X 1 1/2				
ONE	X1ak	PL. 12 X 1 1/2				
ONE	X2ba	BAR 7 X 1 1/2				
ONE	X2bt	BAR 7 X 1 1/2	6 7			
ONE	X1cf	BAR 8 X 1 1/2	6 1			
ONE	X1cy	BAR 8 X 1 1/2	6 1			
2	X3f	PL. 11 3/8 X 1/2	2 6 1/2			
2	X3g	BAR 4 3/8 X 3/4	2 6 1/2			
2	X3h	BAR 4 3/8 X 3/4	2 6 1/2			
ONE	X3af	PL. 8 1/2 X 1"	2 10 1/2			
ONE	X3ag	PL. 8 1/2 X 1"	2 10 1/2			
ONE	X3ah	PL. 17 1/2 X 3/8	2 10 1/2			
ONE	X3ak	PL. 8 3/8 X 1"	2 10 1/2			
ONE	X3am	PL. 8 3/8 X 1"	2 10 1/2			
ONE	X3an	PL. 17 3/8 X 3/8	2 10 1/2			
4	X3bd	BENT PL. 75 X 1/2	1 3			
ONE	X2fy	PL. MC 18 X 45.8	0 11 1/2			
ONE	X2fc		0 11 1/2			
ONE	X2fs		0 11 1/2			
ONE	X3bs		0 10 1/2			
ONE	X3bs		0 10 1/2			
ONE	X3bm	PL. MC 18 X 45.8	0 10 1/2			
12		3/4" H.S. BOLTS	0 2 1/2		B1 4	
12		WASH. FOR 3/4" H.S. BOLTS			B1 9	
8		1" STD. HEX. NUTS			B1 12	
8		WASH. FOR 1" ROD			B1 8	

NO. 1	REVISION	CHANGED WELD SIZES	DATE 1-3-85
HIGH STEEL STRUCTURES, INC.			
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211			
A Subsidiary of High Industries, Inc.			
GIRDER G5B			
I-395 BRIDGE OVER PENOBSCOT RIVER			
I-395 BRIDGE STA. 164+60.00			
PENOBSCOT COUNTY			
STATE OF MAINE			
DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT OR REF. NO.	6	CONTRACTOR	GANBRO CORP.
IN CHARGE	HINKLE	MADE BY	G.F.Z. CHK. BY CS
DATE	6-28-84		
CONTRACT NUMBER	ME-84088-1	DRAWING NUMBER	21 OF 36

R95-137

CODE: 4000

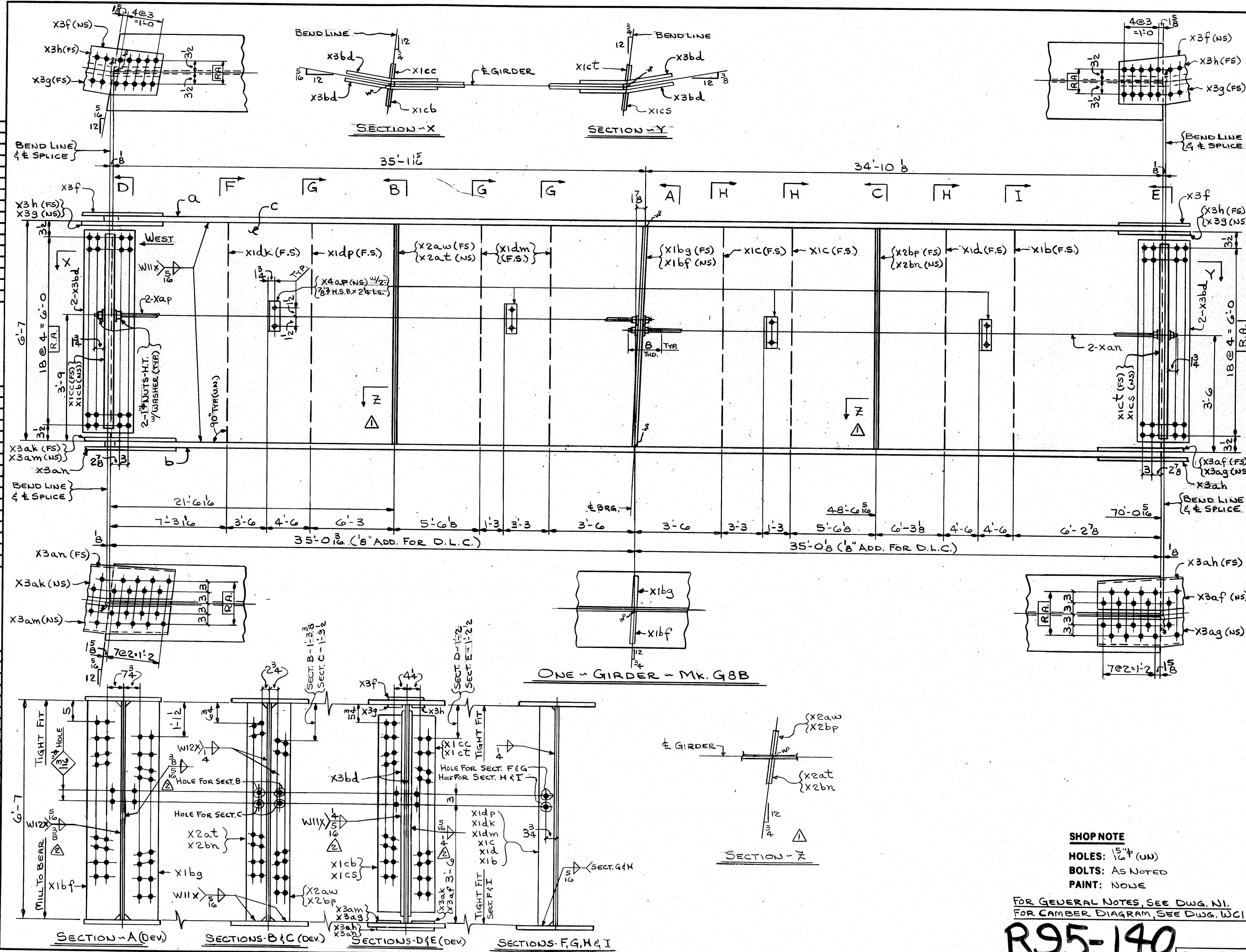
AP 22682A



FED. ROAD DIV. NO.		STATE	FED. AID PROJ. NO.
1		ME	ME 395-8(82)176

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SHIP- WEIGHT
ONE	G7B	GIRDER				37,110
ONE	a	R. 27 X 13	70	0 5/16		
ONE	b	R. 27 X 13	70	0 1/16		
ONE	C	R. 79 X 9	70	0 5/16		
2	Xap	1" Rod	35	5/8	THD. BOTH ENDS	6/3
2	Xan	1" Rod	35	5/8	THD. BOTH ENDS	6/3
4	Xap	1/2 X 3/4	0	6		
ONE	X1b	BAR 5 X 1/2	6	7		
2	X1c	BAR 6 X 1/2				
ONE	X1d	BAR 5 X 1/2				
ONE	X1dk	BAR 5 X 1/2				
2	X1dm	BAR 6 X 1/2				
ONE	X1dp	BAR 5 X 1/2	6	7		
2	X3f	R. 11 3/8 X 1/2	2	6 1/2		
2	X33	BAR 4 3/8 X 3/4	2	6 1/2		
2	X3h	BAR 4 3/8 X 3/4	2	6 1/2		
4	X3bd	BENT R. 75 X 2	1	3		
ONE	X3ak	R. 8 3/8 X 1"	2	10 1/2		
	X3am	R. 8 3/8 X 1"	2	10 1/2		
	X3an	R. 17 3/8 X 3/8	2	10 1/2		
	X3af	R. 8 1/2 X 1"	2	10 1/2		
	X3ag	R. 8 1/2 X 1"	2	10 1/2		
	X3ah	R. 17 1/2 X 3/8	2	10 1/2		
	X1b3	R. 12 X 1 3/8	6	7		
	X1bh	R. 12 X 1 3/8				
	X2ay	BAR 7 X 1 1/2				
	X2aw					
	X2bp					
	X2bs	BAR 7 X 1 1/2	6	7		
	X1cc	BAR 8 X 2	6	1		
	X1cd					
	X1ct					
ONE	X1cw	BAR 8 X 2	6	1		
16		1" STD. HEX. NUTS				B/12
16		WASH. FOR 1" Rod				B/8
20		WASH. FOR 3/4" H.S. Bolt				B/9
8		3/4" H.S. BOLTS	0	24		B/3
12		3/4" H.S. BOLTS	0	22		B/4
ONE	X2ft	R. MC18 X 45.8	0	11 1/2		
	X2ga		0	11 1/2		
	X2gd		0	11 1/2		
	X3bh		0	10 1/4		
	X3bn		0	10 1/2		
ONE	X3bt	R. MC18 X 45.8	0	10 1/2		

AF 2283A



		FED. ROAD DIV. NO.		STATE		FED. AID PROJ. NO.	
		1		ME		116-395-8(82)176	
BILL OF MATERIAL							
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SHL. WEIGHT	
ONE	G8B	GIRDER					36,845
ONE	A	R. 27 X 1 3/4	70	0 1/2			
ONE	B	R. 27 X 1 3/4	70	0 1/2			
ONE	C	R. 79 X 1 1/2	70	0 1/2			
2	Xap	1" ROD	35	5 1/2	THD. BOTH ENDS	2	
2	Xan	1" ROD	35	3 1/2	THD. BOTH ENDS	2	
4	Xap	1/2 X 3/4	0	6			
ONE	X1b	BAR 5 X 1 1/2	6	7			
2	X1C	BAR 6 X 1 1/2					
ONE	X1d	BAR 5 X 1 1/2					
ONE	X1d	BAR 5 X 1 1/2					
2	X1d	BAR 6 X 1 1/2					
ONE	X1d	BAR 5 X 1 1/2					
2	X3f	R. 1 1/2 X 2	2	6 1/2			
2	X3g	BAR 4 3/8 X 3/4	2	6 1/2			
2	X3h	BAR 4 3/8 X 3/4	2	6 1/2			
4	X3b	BENT R. 75 X 2	1	3			
ONE	X3ak	R. 8 3/8 X 1"	2	10 1/2			
	X3am	R. 8 3/8 X 1"	2	10 1/2			
	X3an	R. 17 3/8 X 7/8	2	10 1/2			
	X3af	R. 8 1/2 X 1"	2	10 1/2			
	X3ag	R. 8 1/2 X 1"	2	10 1/2			
	X3ah	R. 17 1/2 X 7/8	2	10 1/2			
	X1b	R. 12 X 1 3/8	6	7			
	X1bf	R. 12 X 1 3/8					
	X2aw	BAR 7 X 1 1/2					
	X2at						
	X2bp						
	X2bn	BAR 7 X 1 1/2	6	7			
	X1cb	BAR 8 X 2	6	1			
	X1cc						
	X1cs						
ONE	X1ct	BAR 8 X 2	6	1			
16		1" STD. HEX. NUTS				81	12
16		WASH. FOR 1" ROD				81	8
8		WASH. FOR 3/4" H.S. BOLT				81	4
8		3/4" H.S. BOLTS	0	24		81	3

SHOP NOTE

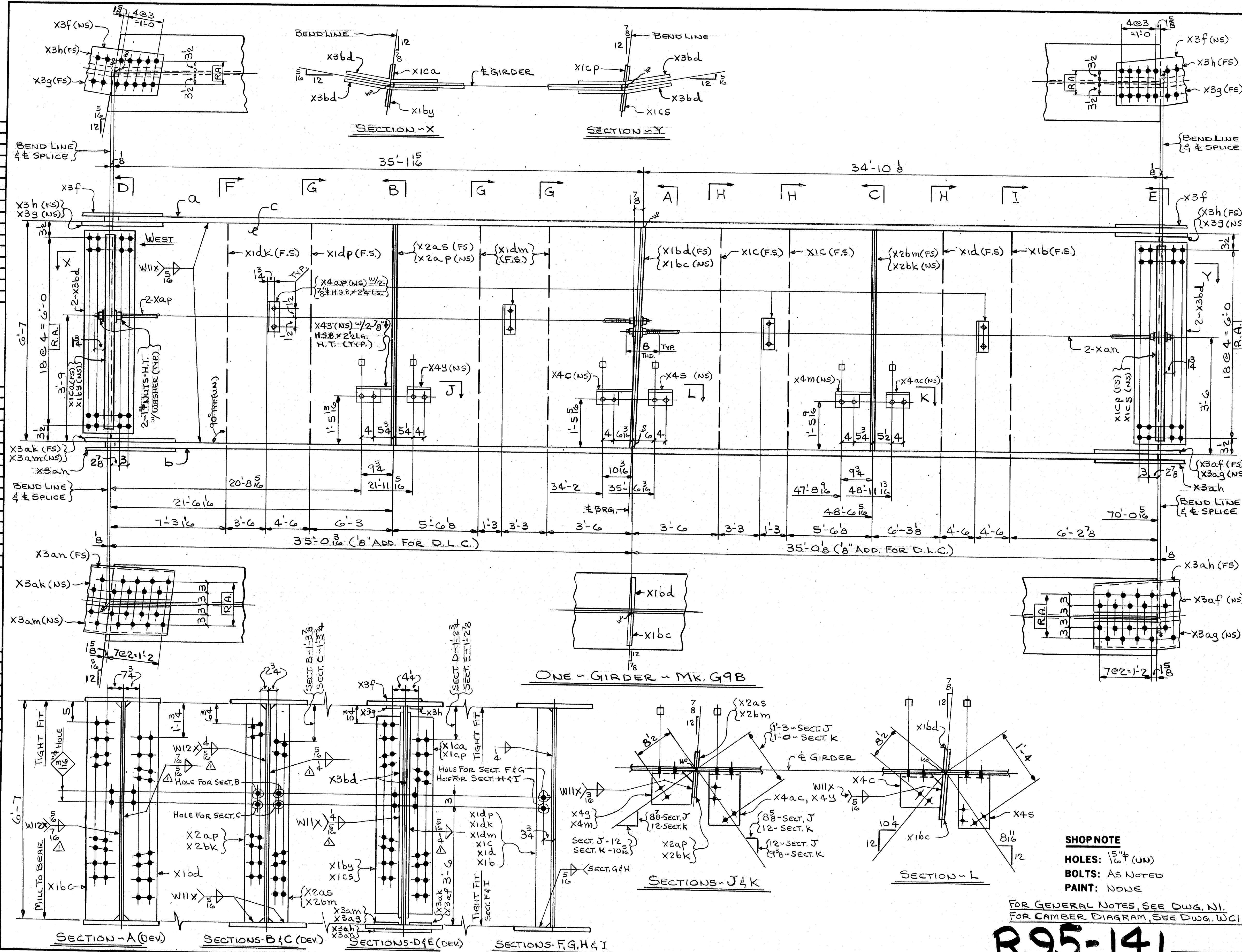
HOLES: 1 1/2" (UN)
BOLTS: AS NOTED
PAINT: NONE

FOR GENERAL NOTES, SEE DWG. N1.
FOR CAMBER DIAGRAM, SEE DWG. WCI.

R95-140

NO. 2	REVISION CHANGED WELD SIZES	DATE 1-3-85
NO. 1	REVISION ADDED SECT. Z	DATE 12-21-84
HIGH STEEL STRUCTURES, INC.		
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717-299-5211 A Subsidiary of High Industries, Inc.		
GIRDER G8B		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR GAMBRO CORP.
IN CHARGE: HINKLE	MADE BY: G.F.Z.	CHK'D BY: CS
CONTRACT NUMBER: ME-84088-1	DRAWING NUMBER: 24 OF 36	DATE: 6-29-84

AP 22083A



BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM
ONE	G9B	GIRDER			37,085
ONE	A	PL. 27 X 1 1/4	70	0 1/2	
ONE	B	PL. 27 X 1 1/4	70	0 1/2	
ONE	C	PL. 79 X 1 1/4	70	0 1/2	
2	Xap	1" Rod	35	5 1/2	THD. BOTH ENDS
2	Xan	1" Rod	35	3 1/2	THD. BOTH ENDS
4	Xap	1/2" X 3/4"	0	6	
ONE	X1b	BAR 5 X 7/8	6	7	
2	X1c	BAR 6 X 7/8			
ONE	X1d	BAR 5 X 7/8			
ONE	X1dk	BAR 5 X 7/8			
2	X1dm	BAR 6 X 7/8			
ONE	X1dp	BAR 5 X 7/8	6	7	
2	X3f	PL. 1 1/2 X 1/2	2	6 1/2	
2	X3g	BAR 4 1/2 X 3/4	2	6 1/2	
2	X3h	BAR 4 1/2 X 3/4	2	6 1/2	
4	X3bd	BENT PL. 75 X 1/2	1	3	
ONE	X3ak	PL. 8 3/8 X 1"	2	10 1/2	
	X3am	PL. 8 3/8 X 1"	2	10 1/2	
	X3an	PL. 17 3/8 X 7/8	2	10 1/2	
	X3af	PL. 8 1/2 X 1"	2	10 1/2	
	X3ag	PL. 8 1/2 X 1"	2	10 1/2	
	X3ah	PL. 17 1/2 X 7/8	2	10 1/2	
	X1bc	PL. 12 X 1 1/2	6	7	
	X1bd	PL. 12 X 1 1/2			
	X2af	BAR 7 X 7/8			
	X2as				
	X2bk				
	X2bm	BAR 7 X 7/8	6	7	
	X1bw	BAR 8 X 1/2			
	X1ca				
	X1cp				
ONE	X1cs	BAR 8 X 1/2	6	1	
16		1" STD. HEX. NUTS			B1 1/2
16		WASH. FOR 1" ROD			B1 1/2
20		WASH. FOR 7/8" H.S. BOLT			B1 1/4
8		7/8" H.S. BOLTS	0	2 1/4	B1 3/4
12		7/8" H.S. BOLTS	0	2 1/2	B1 4
ONE	X4c	PL. MC18 X 45.8	0	11 1/2	
	X4g		0	11 1/2	
	X4m		0	11 1/2	
	X4s		0	10	
	X4y		0	8 1/4	
ONE	X4ac	PL. MC18 X 45.8	0	8 1/2	

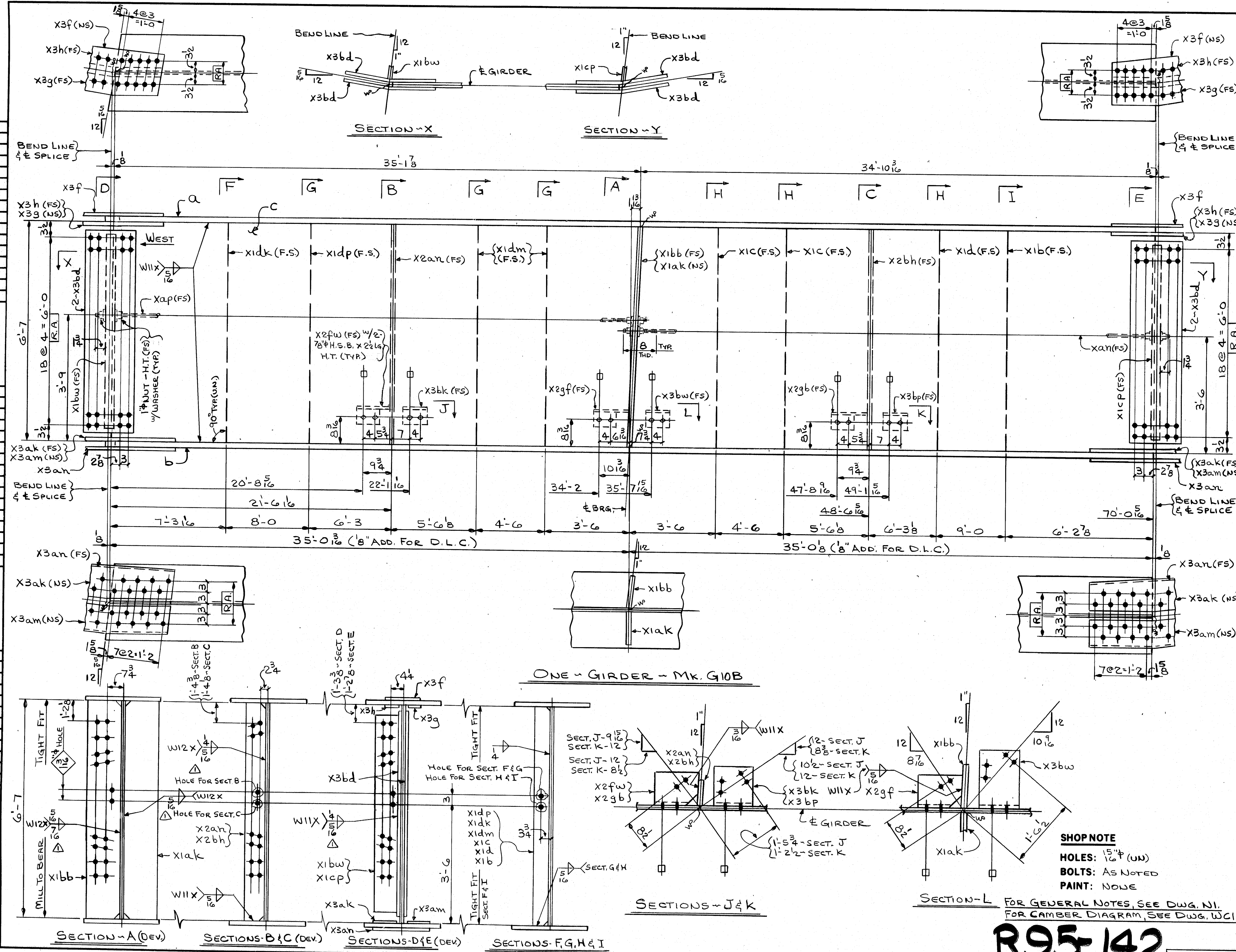
SHOP NOTE
 HOLES: 1 5/8" (UN)
 BOLTS: AS NOTED
 PAINT: NONE

FOR GENERAL NOTES, SEE DWG. N1.
 FOR CAMBER DIAGRAM, SEE DWG. W1.

R95-141

NO. 1	REVISION	CHANGED WELD SIZES	DATE 1-3-85
HIGH STEEL STRUCTURES, INC. 1905 Old Philadelphia Pike Leicestershire, Pennsylvania 17603 Phone 717/299-5111 A Subsidiary of High Industries, Inc.			
GIRDER G9B I-395 BRIDGE OVER PENOBSCOT RIVER I-395 BRIDGE STA. 164+60.00 PENOBSCOT COUNTY STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT OR REF. NO. 6	CONTRACTOR GAMBRO CORP.		
IN CHARGE: HINKLE	MADE BY: G.F.Z.	CHK. BY: CS	DATE: 6-29-84
CONTRACT NUMBER: ME-84088-1	DRAWING NUMBER: 25 OF 36		

AP 2285A



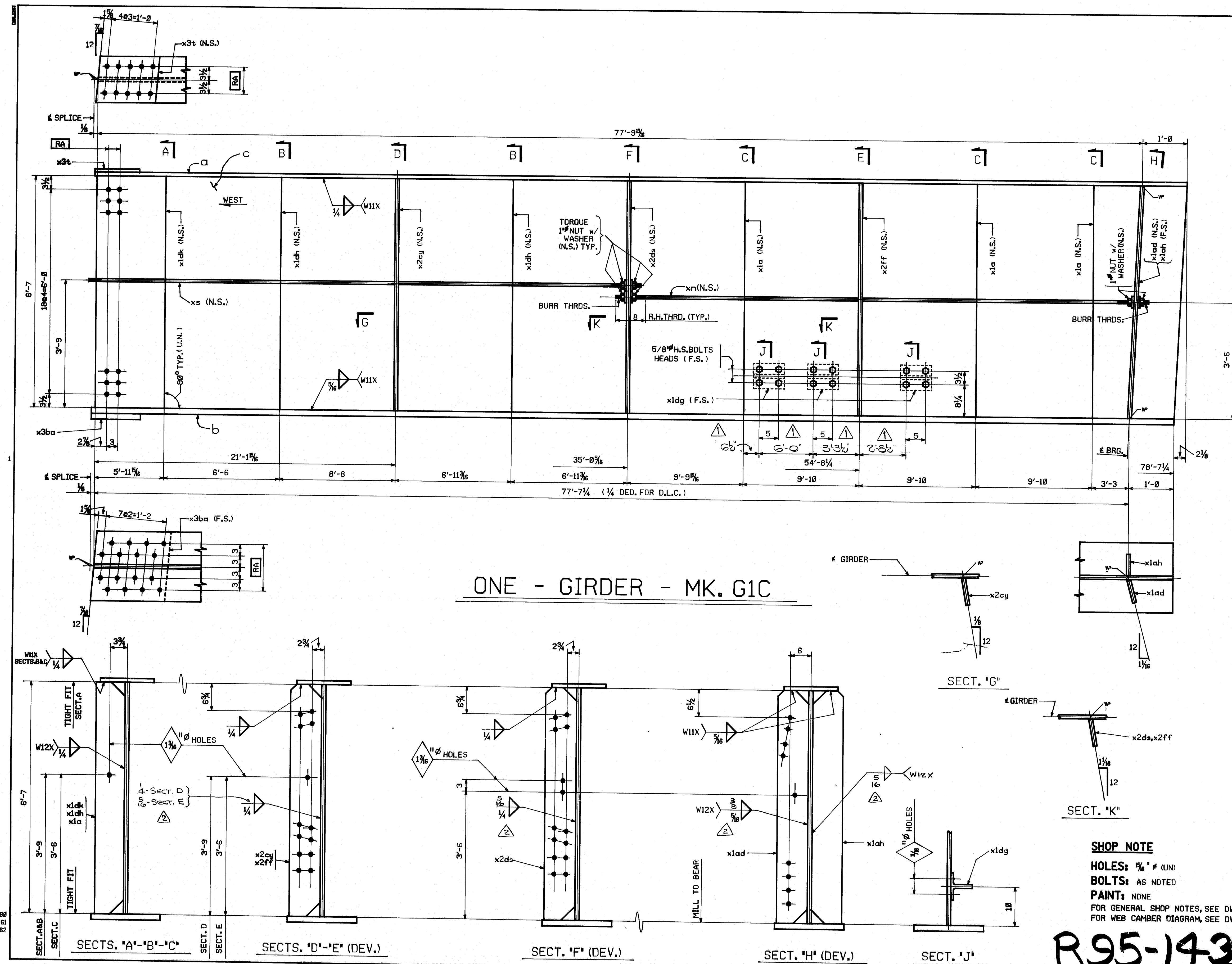
FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
1	ME	114-395-8(82)176

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM
ONE	G10B	GIRDER			34,600
ONE	A	R. 27 X 1 1/4	70	0/7	
ONE	B	R. 27 X 1 1/4	70	0/7	
ONE	C	R. 79 X 1 1/4	70	0/7	
ONE	XAP	1" ROD	35	5/8 THD. BOTH ENDS	3
ONE	XAN	1" ROD	35	5/8 THD. BOTH ENDS	3
ONE	X1B	BAR 5 X 1 1/2	6		7
2	X1C	BAR 6 X 1 1/2			
ONE	X1D	BAR 5 X 1 1/2			
ONE	X1K	BAR 5 X 1 1/2			
2	X1M	BAR 6 X 1 1/2			
ONE	X1P	BAR 5 X 1 1/2			
2	X3F	R. 1 1/2 X 1/2	2	6/2	
2	X3G	BAR 4 3/8 X 3/4	2	6/2	
2	X3H	BAR 4 3/8 X 3/4	2	6/2	
4	X3B	BENT R. 75 X 2	1	3	
2	X3AK	R. 8 3/8 X 1"	2	10 1/2	
2	X3AM	R. 8 3/8 X 1"	2	10 1/2	
2	X3AN	R. 17 3/8 X 3/8	2	10 1/2	
ONE	X1B	R. 12 X 1 3/8	6		7
	X1AK	R. 12 X 1 3/8			
	X2AN	BAR 7 X 1 1/2			
	X2BH	BAR 7 X 1 1/2			
	X1BW	BAR 8 X 1"			
	X1CP	BAR 8 X 1"			
	X2FW	R. MC 18 X 45.8	1	0 1/4	
	X23B				
	X23F				
	X3BK				
	X3BP				
ONE	X3BW	R. MC 18 X 45.8	1	0 1/2	
B		1" STD. HEX. NUTS			12
B		WASH. FOR 1" ROD			12
12		3" H.S. BOLTS			2 1/2
12		WASH. FOR 3" H.S. BOLTS			2 1/2

NO. 1	REVISION CHANGED WELD SIZES	DATE 1-3-85
HIGH STEEL STRUCTURES, INC.		
1395 BRIDGE OVER PENOBSCOT RIVER		
1-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO. 6	CONTRACTOR GAMBRO CORP.	
IN CHARGE HINKLE	MADE BY G.F.Z.	CHKD. BY CS
CONTRACT ME-84088-1	DRAWING NUMBER 26 OF 36	DATE 6-29-84

R95-142

CODE: 4000



FED. ROAD DIV. NO.		STATE	FED. AID PROJ. NO.			
1		ME.	I-10-395-81821176			
BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SUP. WEIGHT EA.
		ONE-GIRDER MK. G1C				40800
ONE	a	PL.12 x ¾	78	10½		
ONE	b	PL.18 x 1½	78	7½		
ONE	c	PL.79 x ½	78	9½		
ONE	xn	1" ROD	43	0	THRD. BOTH ENDS	6 12
ONE	xs	1" ROD	35	4	THRD. BOTH ENDS	6 2
ONE	x3t	PL.11 1/2 x 7/8	1	3 1/2		
ONE	x3ba	PL.17 1/2 x 1/4	1	5 1/2		
3	x1a	BAR 5 x 7/8	6	7		
ONE	x1ad	BAR 8 x 1	6	7		
ONE	x1ah	BAR 8 x 1	6	7		
2	x1dh	BAR 5 x 7/8	6	7		
ONE	x1dk	BAR 5 x 7/8	6	7		
ONE	x2cy	BAR 7 x 7/8	6	7		
ONE	x2ds	BAR 7 x 7/8	6	7		
ONE	x2ff	BAR 7 x 7/8	6	7		
3	x1dg	WT 6 x 13	0	8		
6		1" STD. HEX. NUTS				61 12
6		WASHERS FOR 1" RODS				61 8
12		5/8" H.S. BOLT	0	2		61 6
12		WASHERS FOR 5/8" H.S. BOLTS				61 10
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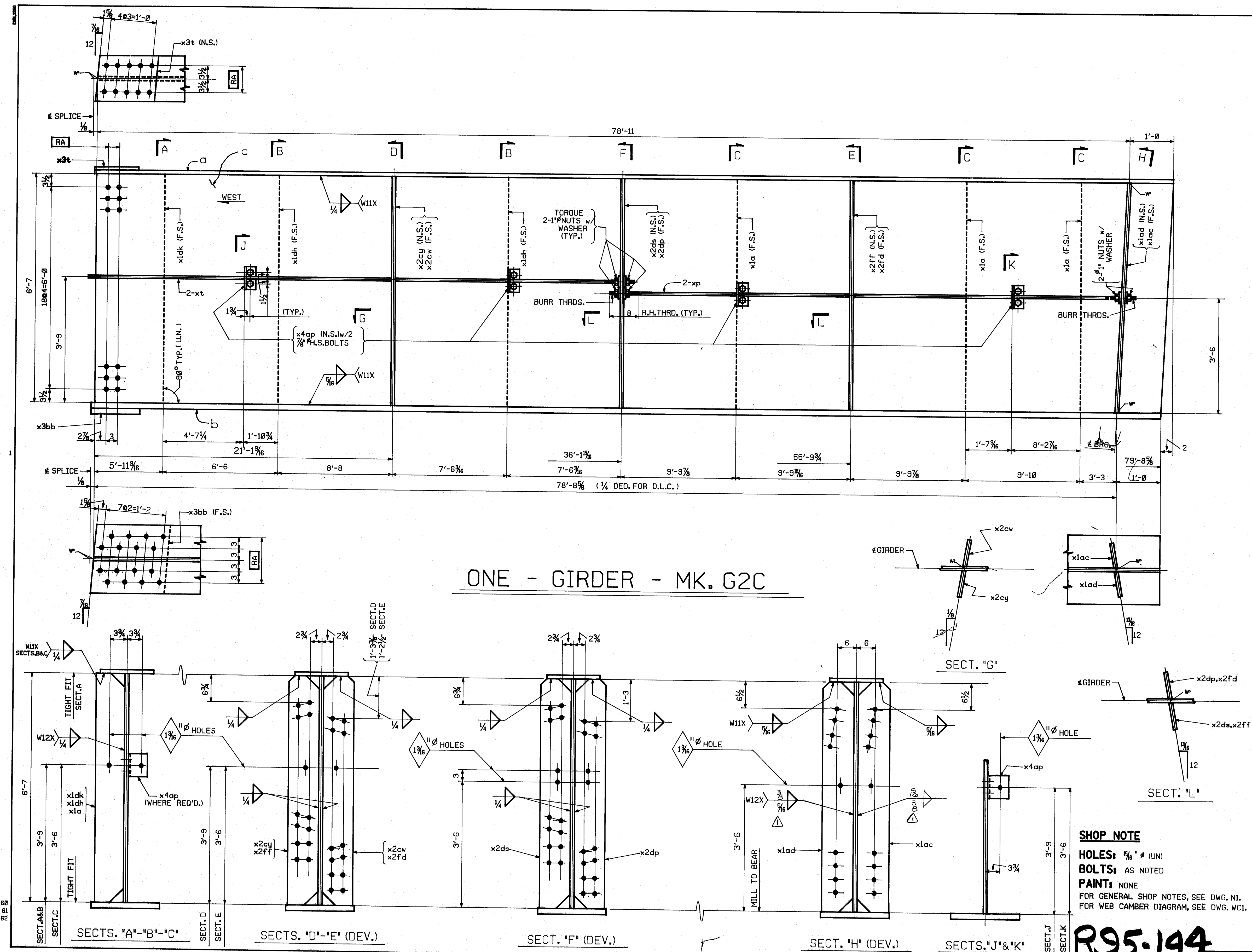
NO. 1	REVISION	CHANGED WELD SIZES	DATE 1-3-85
NO. 2	REVISION	contract revision control # 14	DATE 9-10-84

1005 Old Philadelphia Pike
 Lancaster, Pennsylvania 17603
 Phone 717/299-528
 A Subsidiary of High Structures, Inc.

HIGH STEEL STRUCTURES, INC.
 GIRDER G1C
 I-395 BRIDGE OVER PENOBSCOT RIVER
 I-395 BRIDGE STA. 164+60.00
 PENOBSCOT COUNTY
 STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION

STATE CONTRACT OR REF. NO. 6 CONTRACTOR CIANBRO CORP.
 IN CHARGE HINKLE MADE BY C.S. CHK'D BY G.E.Z. DATE 7/4/84
 CONTRACT NUMBER ME-84088-1 DRAWING NUMBER 27 OF 36

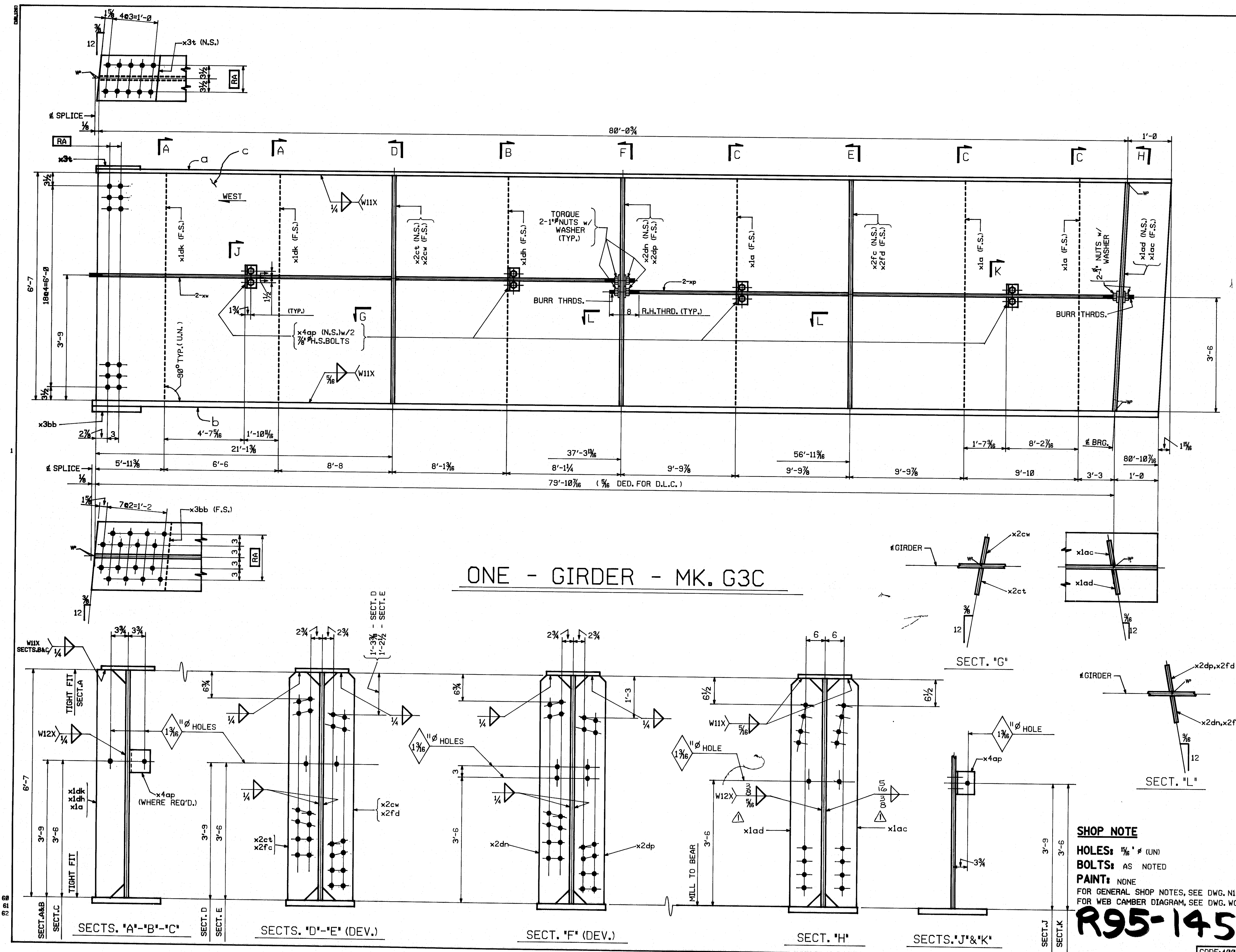
R95-143



				FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	
				1	ME.	I-IG-395-6(82)176	
BILL OF MATERIAL							
NO.	MARK	DESCRIPTION	LENGTH	REMARKS		ITEM	SHIP WEIGHT EA.
		ONE-GIRDER MK. G2C					21,490
ONE	a	PL.12 x ¾	79	11½			
ONE	b	PL.18 x 1½	79	8½			
ONE	c	PL.79 x ½	79	11			
2	xp	1"Ø ROD	42	11½	THRD. BOTH ENDS	6	12
2	xt	1"Ø ROD	36	5¾	THRD. BOTH ENDS	6	4
ONE	x3t	PL.11½x ⅞	1	3½			
ONE	x3bb	PL.17½x ¼	1	5½			
3	x1a	BAR 5 x ⅞	6	7			
ONE	x1ac	BAR 8 x 1	6	7			
ONE	x1ad	BAR 8 x 1	6	7			
2	x1dh	BAR 5 x ⅞	6	7			
ONE	x1dk	BAR 5 x ⅞	6	7			
ONE	x2cw	BAR 7 x ⅞	6	7			
ONE	x2cy	BAR 7 x ⅞	6	7			
ONE	x2dp	BAR 7 x ⅞	6	7			
ONE	x2ds	BAR 7 x ⅞	6	7			
ONE	x2fd	BAR 7 x ⅞	6	7			
ONE	x2ff	BAR 7 x ⅞	6	7			
4	x4ap	L 5 x 3 x ¼	Ø	6			
12		1"Ø STD. HEX. NUTS				B1	12
12		WASHERS FOR 1"Ø RODS				B1	8
8		⅞" H.S. BOLTS	Ø	2		B1	2
8		WASHERS FOR ⅞" H.S. BOLTS				B1	8

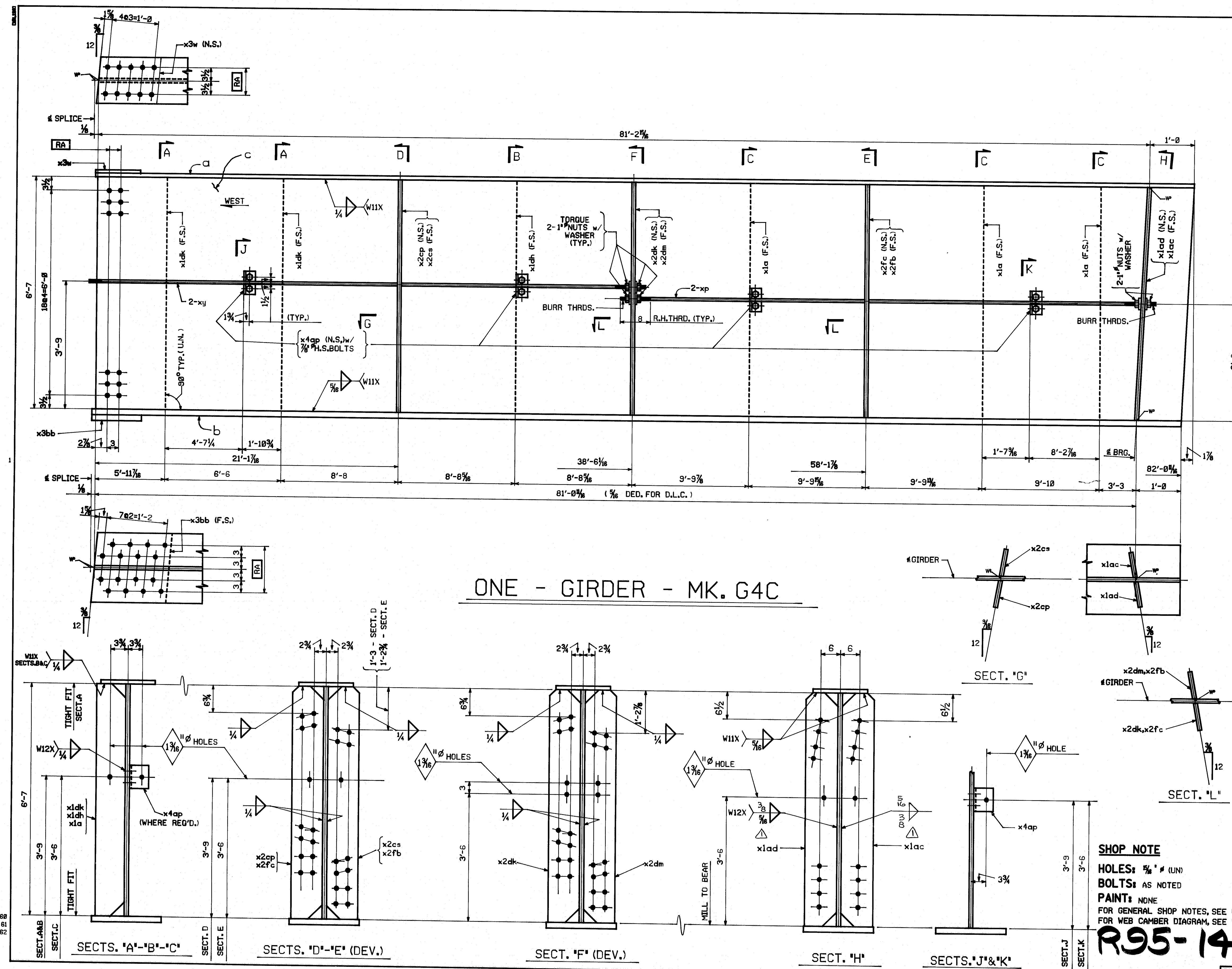
NO.	REVISION	CHANGED WELD SIZES	DATE
1			1-3-85
HIGH STEEL STRUCTURES, INC.			
GIRDER G2C			
I-395 BRIDGE OVER PENOBSCOT RIVER			
I-395 BRIDGE STA. 164+60.00			
PENOBSCOT COUNTY			
STATE OF MAINE			
DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT OR REF. NO.	6	CONTRACTOR	CIANBRO CORP.
IN CHARGE	HINKLE	MADE BY	C.S.
CHD. BY	G.F.F.	DATE	7/6/84
CONTRACT NUMBER	ME-84088-1	DRAWING NUMBER	28 OF 36

R95-144

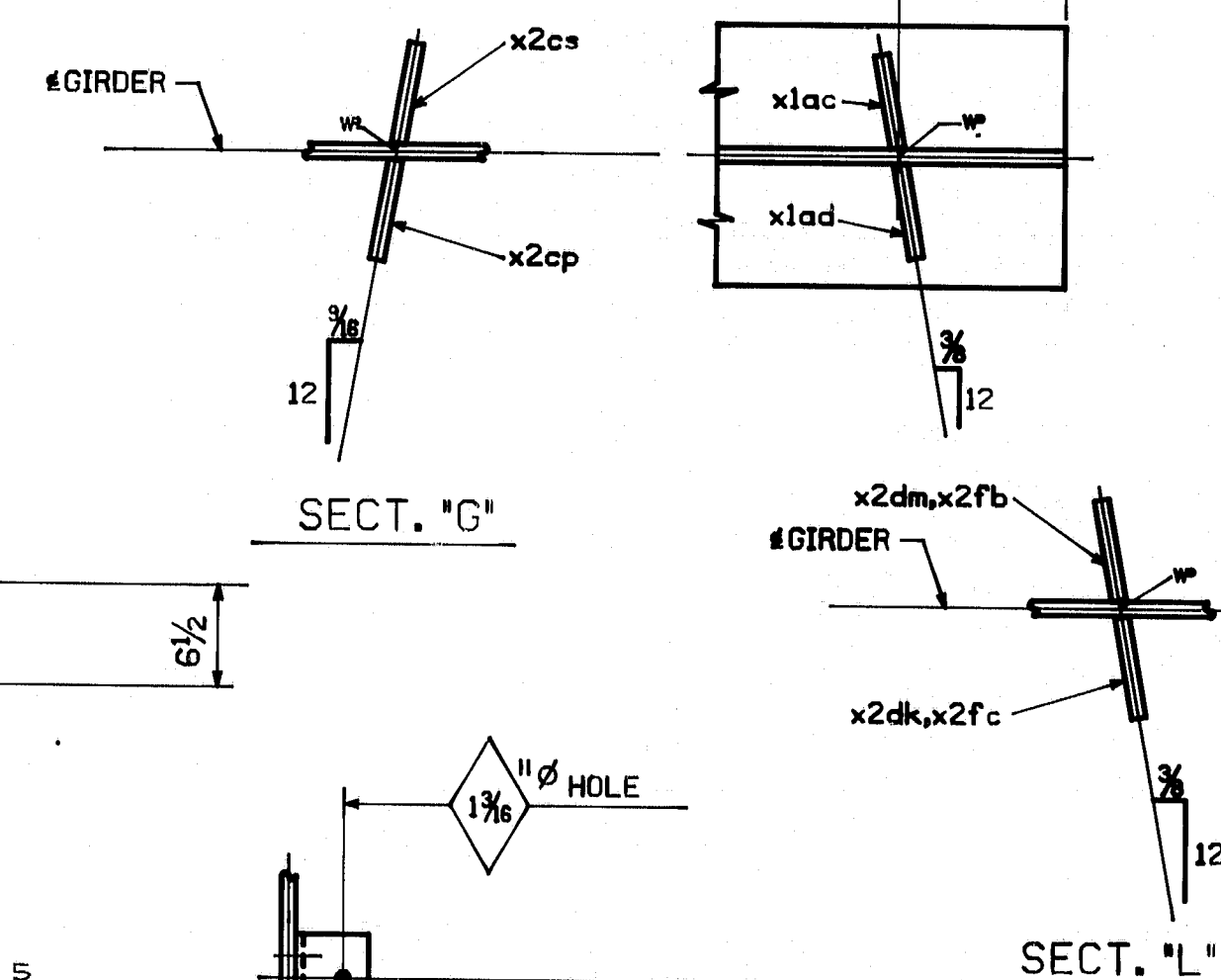


				FED.ROAD DIV.NO.	STATE	FED.AID PROJ.NO.	
				1	ME.	I-10-395-81821176	
BILL OF MATERIAL							
NO.	MARK	DESCRIPTION	LENGTH	REMARKS		ITEM	QTY. UNIT EA.
ONE-GIRDER MK. G3C							21780
ONE	a	PL.12 x ¾	81	0%			
ONE	b	PL.18 x 1½	80	10%			
ONE	c	PL.79 x ½	81	0%			
2	xp	1"ROD	42	11%	THRD. BOTH ENDS	6 12	
2	xw	1"ROD	37	7½	THRD. BOTH ENDS	6 6	
ONE	x3t	PL.11½x ⅞	1	3½			
ONE	x3bb	PL.17½x ¼	1	5½			
3	x1a	BAR 5 x ⅞	6	7			
ONE	x1ac	BAR 8 x 1	6	7			
ONE	x1ad	BAR 8 x 1	6	7			
ONE	x1dh	BAR 5 x ⅞	6	7			
2	x1dk	BAR 5 x ⅞	6	7			
ONE	x2ct	BAR 7 x ⅞	6	7			
ONE	x2cw	BAR 7 x ⅞	6	7			
ONE	x2dn	BAR 7 x ⅞	6	7			
ONE	x2dp	BAR 7 x ⅞	6	7			
ONE	x2fc	BAR 7 x ⅞	6	7			
ONE	x2fd	BAR 7 x ⅞	6	7			
4	x4ap	L5 x 3 x ¼	0	6			
12		1" STD. HEX. NUTS					B1 12
12		WASHERS FOR 1"RODS					B1 8
8		⅞" H.S. BOLT	0	2			B1 2
8		WASHERS FOR ⅞" BOLTS					B1 9
	</						

NO.	REVISION	CHANGED WELD SIZES	DATE	1-3-85
HIGH STEEL STRUCTURES, INC.				
1005 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-528				
A Subsidiary of High Industries, Inc.				
GIRDER G3C				
I-395 BRIDGE OVER PENOBSCOT RIVER				
I-395 BRIDGE STA. 164+60.00				
PENOBSCOT COUNTY				
STATE OF MAINE				
DEPARTMENT OF TRANSPORTATION				
STATE CONTRACT OR REF. NO.	6	CONTRACTOR	CIANBRO CORP.	
IN CHARGE	HINKLE	MADE BY	C.S.	CHKD. BY G.F.Z. DATE 7/4/84
CONTRACT NUMBER	ME-84088-1	DRAWING NUMBER	29 OF 36	



ONE - GIRDER - MK. G4C

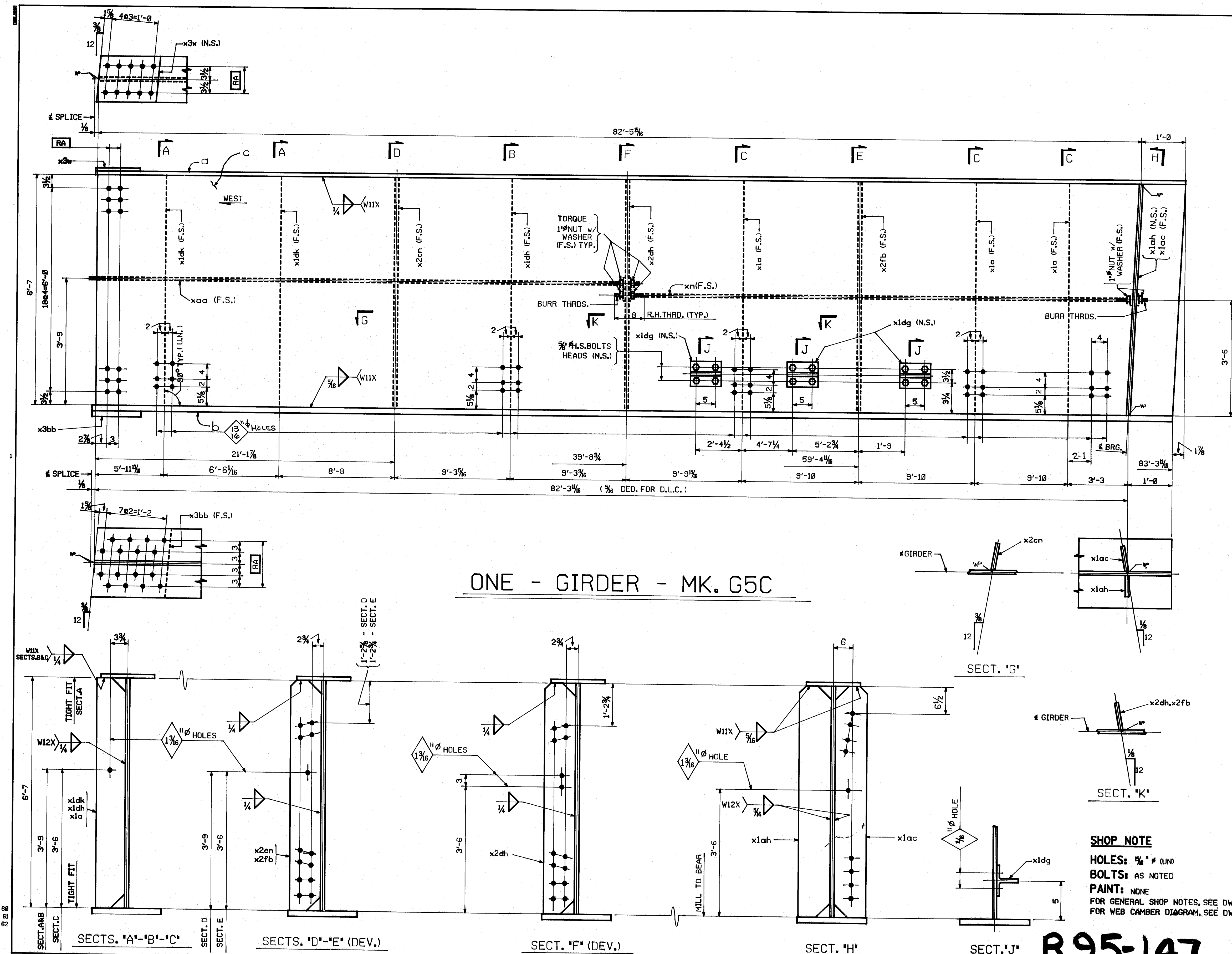


SHOP NOTE
 HOLES: 3/4\" (UN)
 BOLTS: AS NOTED
 PAINT: NONE
 FOR GENERAL SHOP NOTES, SEE DWG. N1.
 FOR WEB CAMBER DIAGRAM, SEE DWG. W1.

R95-146

FED. ROAD DIST. NO.		STATE		FED. AID PROJ. NO.	
1		ME.		I-10-395-8(02)17	
BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM
ONE-GIRDER MK. G4C					
ONE	a	PL.12 x ¾	82	¾	
ONE	b	PL.18 x 1½	82	1	
ONE	c	PL.79 x ½	82	2½	
2	xp	1" ROD	42	11½	THRD. BOTH ENDS
2	xy	1" ROD	38	9¾	THRD. BOTH ENDS
ONE	x3w	PL.11¾ x 7/8	1	3¾	
ONE	x3bb	PL.17½ x ¼	1	5¾	
3	x1a	BAR 5 x 7/8	6	7	
ONE	x1ac	BAR 8 x 1	6	7	
ONE	x1ad	BAR 8 x 1	6	7	
ONE	x1dh	BAR 5 x 7/8	6	7	
2	x1dk	BAR 5 x 7/8	6	7	
ONE	x2cp	BAR 7 x 7/8	6	7	
ONE	x2cs	BAR 7 x 7/8	6	7	
ONE	x2dk	BAR 7 x 7/8	6	7	
ONE	x2dm	BAR 7 x 7/8	6	7	
ONE	x2fb	BAR 7 x 7/8	6	7	
ONE	x2fc	BAR 7 x 7/8	6	7	
4	x4ap	L 5 x 3 x ¼	8	6	
12		1" STD. HEX. NUTS			B1 12
12		WASHERS FOR 1" RODS			B1 8
8		¾" H.S. BOLT	8	2	B1 2
8		WASHERS FOR ¾" BOLTS			B1 9

NO.	REVISION	CHANGED WELD SIZES	DATE
1			1-3-85
HIGH STEEL STRUCTURES, INC.			
1008 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone: 717/299-022			
A Subsidiary of High Industries, Inc.			
GIRDER G4C			
I-395 BRIDGE OVER PENOBSCOT RIVER			
I-395 BRIDGE STA. 164+60.00			
PENOBSCOT COUNTY			
STATE OF MAINE			
DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT OR REF. NO.	6	CONTRACTOR	CIANBRO CORP.
IN CHARGE	HINKLE	MADE BY	C.S. G.F. DATE 7/6/84
CONTRACT NUMBER	ME-84088-1	DRAWING NUMBER	30 OF 36



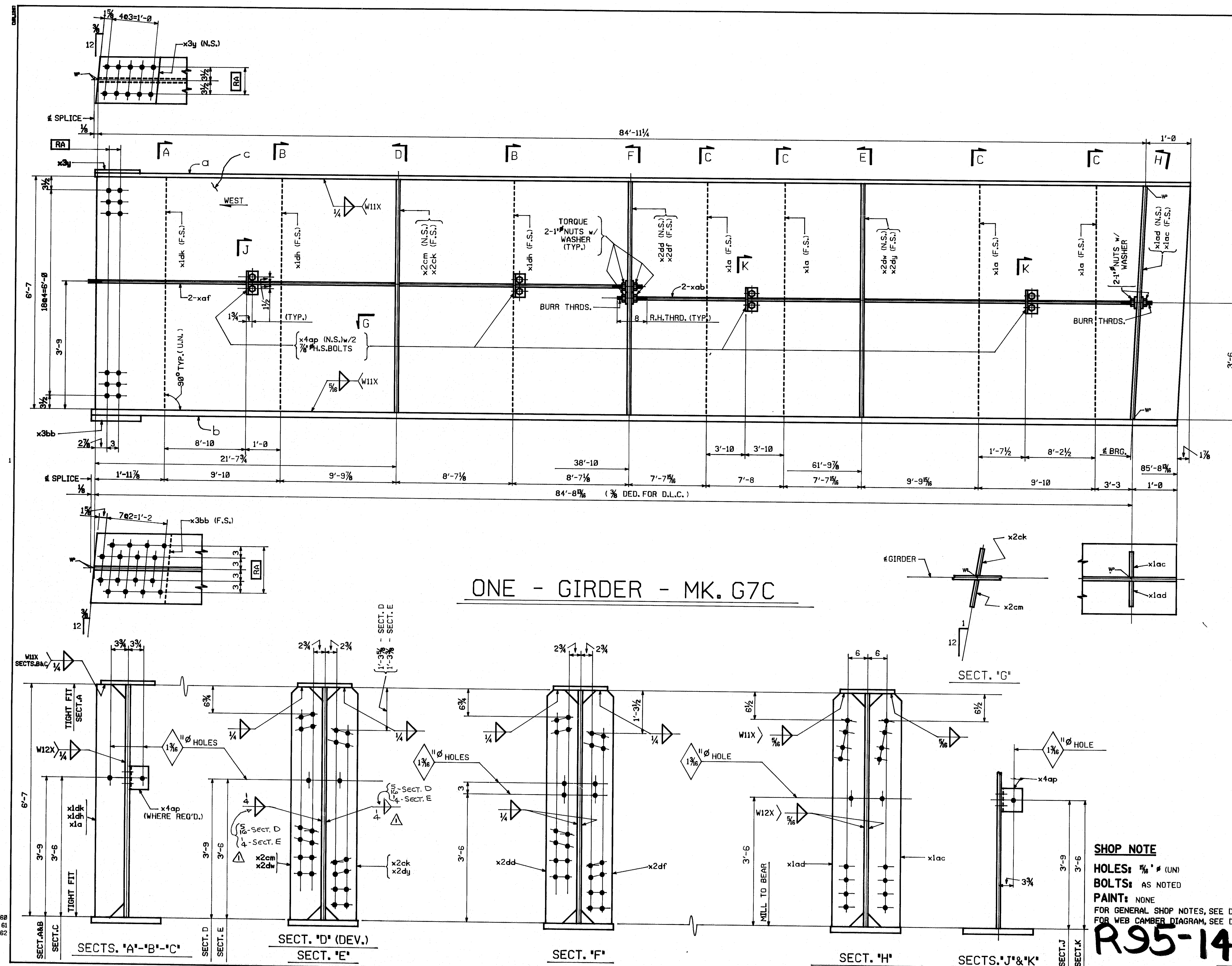
				FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	
				1	ME.	I-10-395-8(82)176	
BILL OF MATERIAL							
NO.	MARK	DESCRIPTION	LENGTH	REMARKS		ITEM	SHEET EA
		ONE - GIRDER	MK. G5C				21980
ONE	a	PL.12 x ¾	83	6 ½			
	b	PL.18 x 1 ½	83	4			
ONE	c	PL.79 x ½	83	5 ½			
ONE	xn	1" ROD	42	11 ½	THRD. BOTH ENDS	6 12	
ONE	xaa	1" ROD	40	0 ½	THRD. BOTH ENDS	8 9	
ONE	x3w	PL.11 ¾ x ¾	1	3 ¾			
ONE	x3bb	PL.17 ½ x ¼	1	5 ½			
3	x1a	BAR 5 x 7/8	6	7			
ONE	x1ac	BAR 8 x 1	6	7			
ONE	x1ah	BAR 8 x 1	6	7			
ONE	x1dh	BAR 5 x 7/8	6	7			
2	x1dk	BAR 5 x 7/8	6	7			
ONE	x2cn	BAR 7 x 7/8	6	7			
ONE	x2dh	BAR 7 x 7/8	6	7			
ONE	x2fb	BAR 7 x 7/8	6	7			
3	x1dg	WT 6 x 13	0	8			
6		1" STD. HEX. NUTS				B1 12	
6		WASHERS FOR 1" RODS				B1 8	
12		¾" H.S. BOLT	0	2		B1 6	
12		WASHERS FOR ¾" H.S. BOLTS				B1 10	

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC. 100 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone: 717/299-0200 A Subsidiary of High Industries, Inc.		
GIRDER G5C		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO. 6 CONTRACTOR CIANBRO CORP.		
IN CHARGE: HINKLE MADE BY: C.S. CHD. BY: G.F. DATE: 7/6/84		
CONTRACT NUMBER: ME-84088-1 DRAWING NUMBER: 31 OF 36		

SHOP NOTE
HOLES: 3/8" (UN)
BOLTS: AS NOTED
PAINT: NONE
FOR GENERAL SHOP NOTES, SEE DWG. N1.
FOR WEB CAMBER DIAGRAM, SEE DWG. W1.

R95-147

CODE: 4000



			FED. ROAD DIV. NO.		STATE		FED. AID PROJ. NO.	
			1		ME.		I-10-395-8(82)176	
BILL OF MATERIAL								
NO.	MARK	DESCRIPTION	LENGTH		REMARKS		ITEM	SUP. WORTH EA.
		ONE-GIRDER MK. G7C						2313
ONE	a	PL.12 x ¾	85	11½				
ONE	b	PL.18 x 1½	85	9½				
ONE	c	PL.79 x ½	85	11¼				
2	xab	1"Ø ROD	46	3¾	THRD. BOTH ENDS		614	
2	xaf	1"Ø ROD	39	1¾	THRD. BOTH ENDS		68	
ONE	x3y	PL.11¾x 1	1	3½				
ONE	x3bb	PL.17½x ¼	1	5½				
4	x1a	BAR 5 x 7/8	6	7				
ONE	x1ac	BAR 8 x 1	6	7				
ONE	x1ad	BAR 8 x 1	6	7				
2	x1dh	BAR 5 x 7/8	6	7				
ONE	x1dk	BAR 5 x 7/8	6	7				
ONE	x2ck	BAR 7 x 7/8	6	7				
ONE	x2cm	BAR 7 x 7/8	6	7				
ONE	x2dd	BAR 7 x 7/8	6	7				
ONE	x2df	BAR 7 x 7/8	6	7				
ONE	x2dw	BAR 7 x 7/8	6	7				
ONE	x2dy	BAR 7 x 7/8	6	7				
4	x4ap	L 5 x 3 x ¼	Ø	6				
12		1"Ø STD. HEX. NUTS					BI 12	
12		WASHERS FOR 1"Ø RODS					BI 8	
8		¾" H.S. BOLTS	Ø	2			BI 2	
8		WASHERS FOR ¾" H.S. BOLTS					BI 9	
								</

NO.	REVISION	CHANGED WELD SIZES	DATE
1			1-3-85
HIGH STEEL STRUCTURES, INC.			
GIRDER G7C			
I-395 BRIDGE OVER PENOBSCOT RIVER			
I-395 BRIDGE STA. 164+60.00			
PENOBSCOT COUNTY			
STATE OF MAINE			
DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT OR REF. NO.	6	CONTRACTOR	CIANBRO CORP.
IN CHARGE	HINKLE	MADE BY	C.S.
CHARGE	BY	CHK'D BY	G.F. Z.
DATE	7/16/84		
CONTRACT NUMBER	ME-84088-1	DRAWING NUMBER	33 OF 36

SHOP NOTE

HOLES: 3/4" (UN)

BOLTS: AS NOTED

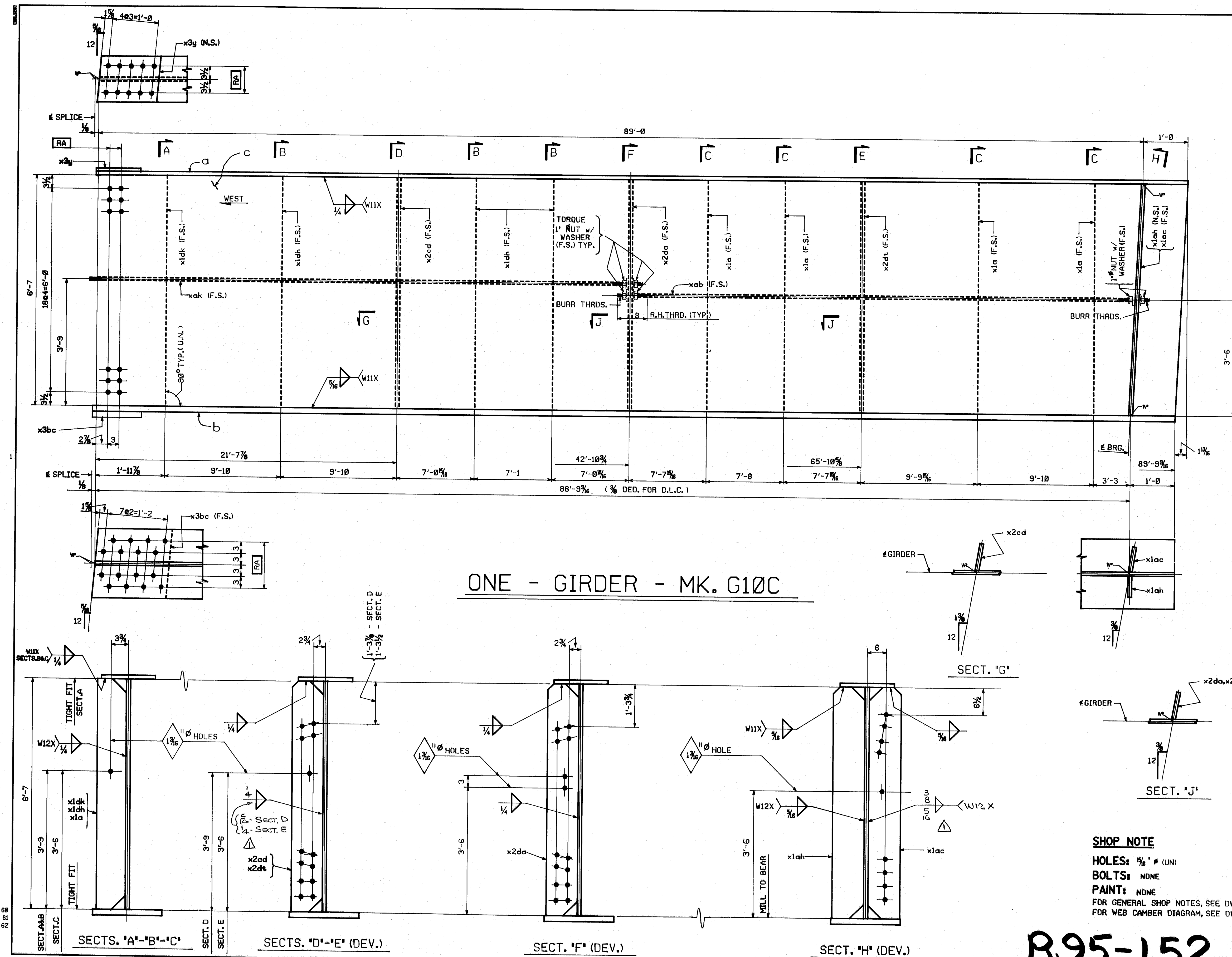
PAINT: NONE

FOR GENERAL SHOP NOTES, SEE DWG. N1.

FOR WEB CAMBER DIAGRAM, SEE DWG. WC1.

R95-149

CODE: 4000



FED. ROAD DIV. NO.			STATE		FED. ROAD PROJ. NO.	
1			ME.		I-10-395-8(21)76	
BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SUB- REMARK E.A.
		ONE-GIRDER MK. G10C				24.580
ONE	a	PL.12 x ¾	90	0%		
ONE	b	PL.18 x 1½	89	9%		
ONE	c	PL.79 x ½	90	0		
ONE	xab	1"Ø ROD	46	3%	THRD. BOTH ENDS	6 14
ONE	xak	1"Ø ROD	43	2½	THRD. BOTH ENDS	6 13
ONE	x3y	PL.11¾x 1	1	3½		
ONE	x3bc	PL.17¾x ¼	1	5%		
4	x1a	BAR 5 x ⅞	6	7		
ONE	x1ac	BAR 8 x 1	6	7		
ONE	x1ah	BAR 8 x 1	6	7		
3	x1dh	BAR 5 x ⅞	6	7		
ONE	x1dk	BAR 5 x ⅞	6	7		
ONE	x2cd	BAR 7 x ⅞	6	7		
ONE	x2da	BAR 7 x ⅞	6	7		
ONE	x2dt	BAR 7 x ⅞	6	7		
6		1"STD. HEX. NUTS				B1 12
6		WASHERS FOR 1"RODS				B1 8

SHOP NOTE

HOLES: 5/8" (UN)

BOLTS: NONE

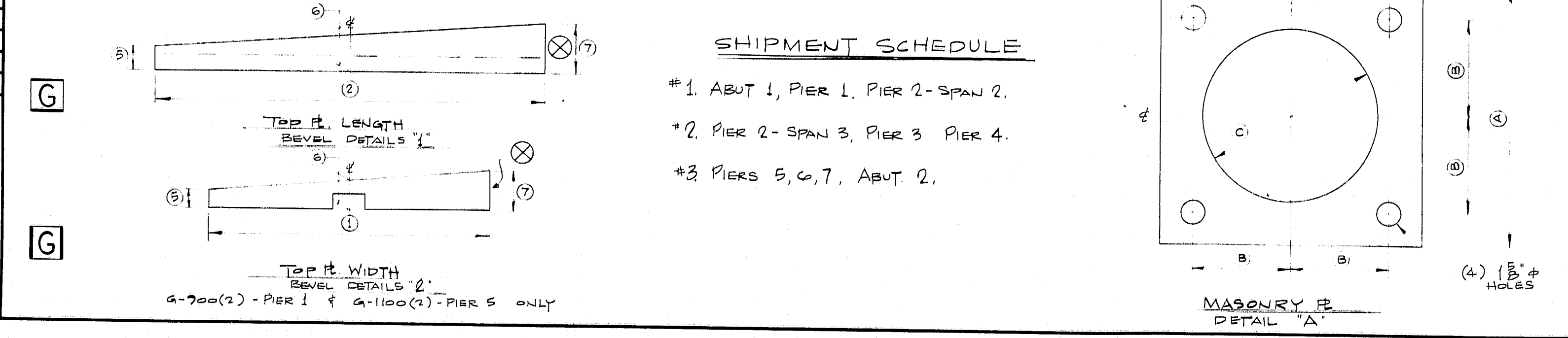
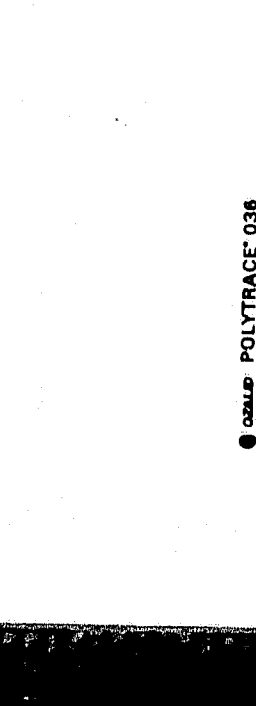
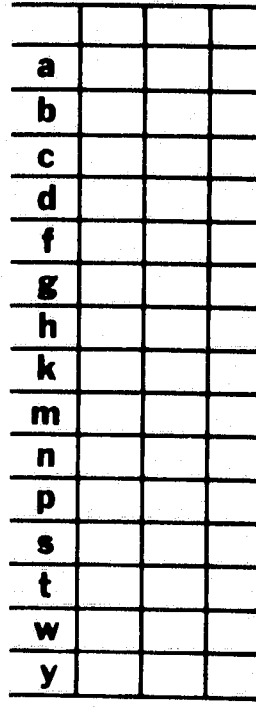
PAINT: NONE

FOR GENERAL SHOP NOTES, SEE DWG. N1.

FOR WEB CAMBER DIAGRAM, SEE DWG. WCI.

R95-152

NO.	REVISION	CHANGED WELD SIZES	DATE
1			1-3-85
HIGH STEEL STRUCTURES, INC.			
1005 Old Philadelphia Pike			
Lancaster, Pennsylvania 17603			
Phone 717/299-020			
A Subsidiary of Hilti Industries, Inc.			
GIRDER G10C			
I-395 BRIDGE OVER PENOBSCOT RIVER			
I-395 BRIDGE STA. 164+60.00			
PENOBSCOT COUNTY			
STATE OF MAINE			
DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT OR REF. NO.	6	CONTRACTOR	CIANBRO CORP.
IN CHARGE	HINKLE	MADE BY	C.S. G.F.Z. DATE 7/9/84
CONTRACT NUMBER	ME-84088-1	DRAWING NUMBER	36 OF 36



* BEARING WEIGHT INCLUDES MASONRY E. * TOP PLATE BEVELLED IN TRANSVERSE DIRECTION. SEE TOP PLATE DETAIL '2'. G		
<u>GENERAL NOTES:</u>		
1. ALL STEEL : A588 U.N.O. 2. NEOPRENE : A.A.S.H.T.O. 50 DURDMETER. 3. STAINLESS FACING : 14 GA. A140- TYPE 304 MIRROR FINISH. 4. ROTATION : 90° (.015 RADIAN) 5. MOVEMENT : SEE PLAN. 6. COATING : ZINC METALIZED PER AWS C2.2 WITH 8 MIL EXTERNAL DRY COAT THICKNESS & 2 MIL INTERNAL THICKNESS. 7. \otimes INDICATES THICK EDGE OF TOP PLATE. 8. MAGNETIC PARTICLE TESTING REQUIRED FOR 10% OF WELD LENGTH. 9. BEARINGS TO BE SHOP ASSEMBLED, MATCH MARKED, AND SHIPPED AS A UNIT. 10. UPLIFT RESTRAINTS REQUIRED FOR PIER 2-3 PAN 3 BEARINGS ONLY. REFER TO DWG. D-1003-1A FOR DETAILS. 11. FOR PARTS DETAILS REFER TO DWGS. D-1001-1B THRU D-1001-1F 12. ZINC METALIZE ALL SURFACES AS PER NOTE G (UNLESS NOTED ON PARTS DWGS. D-1001-1D, E, F) AFTER COMPLETING ALL SHOP WELDING. MATCH STAINLESS STEEL & TEFLOON TO PREVENT OVER SPRAY. A588 STEEL NOT METALIZED TO RECEIVE ONE COAT BOILED UNLESS OIL OR APPROVED EQUAL.		

No. A	REMOVED SMAW FROM X-WELD	12-13-84
No. A	REV. DIM. U ON GIN 1800 BRG	11-14-84
No. A	ALTERED AS PER 10-11-84 APPROVAL	9-28-84 10-11-84
No. A	DIMENSION CHANGES & UPLIFT DETAILS	8-6-84 JF
NO.	REVISION	DATE

HIGH STEEL STRUCTURES, INC.

1955 Old Philadelphia Pike
Lancaster, Pennsylvania 17603
Phone 717/299-5511

A Subsidiary of High Industries, Inc.

STATE OF MAINE - DEPT. OF TRANSPORTATION
 I-395 BRIDGE OVER PENOBSCOT RIVER
 BANGOR - BREWER PENOBSCOT COUNTY

BEARING DETAILS BY BEWING CORP. INT'L. FINEFIELD, N.J. JOB # 1177-4

STATE CONTRACT OR REF. NO. 6

IN CHARGE: _____

CONTRACTOR: **CIANBRO CORP.**

MADE IN U.S.A. CHK'D BY: JM

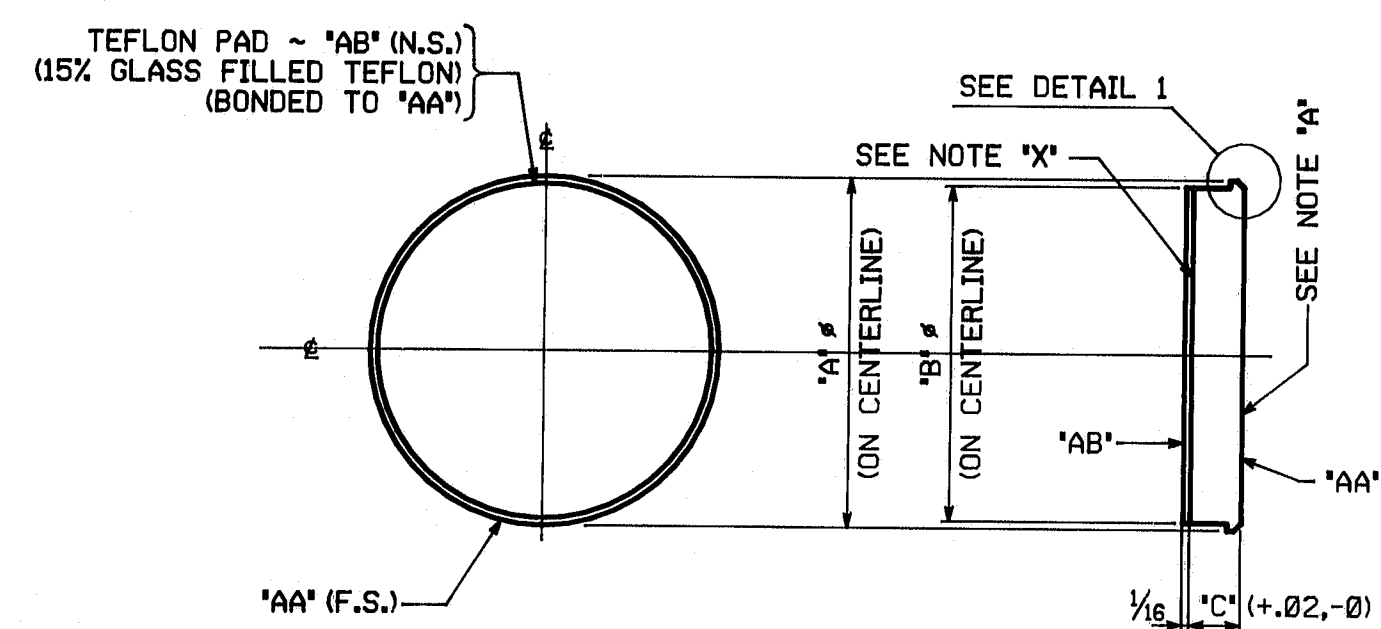
DATE: 6-26-84

PROJECT: ME-8408R-12.3

CODE: 6000

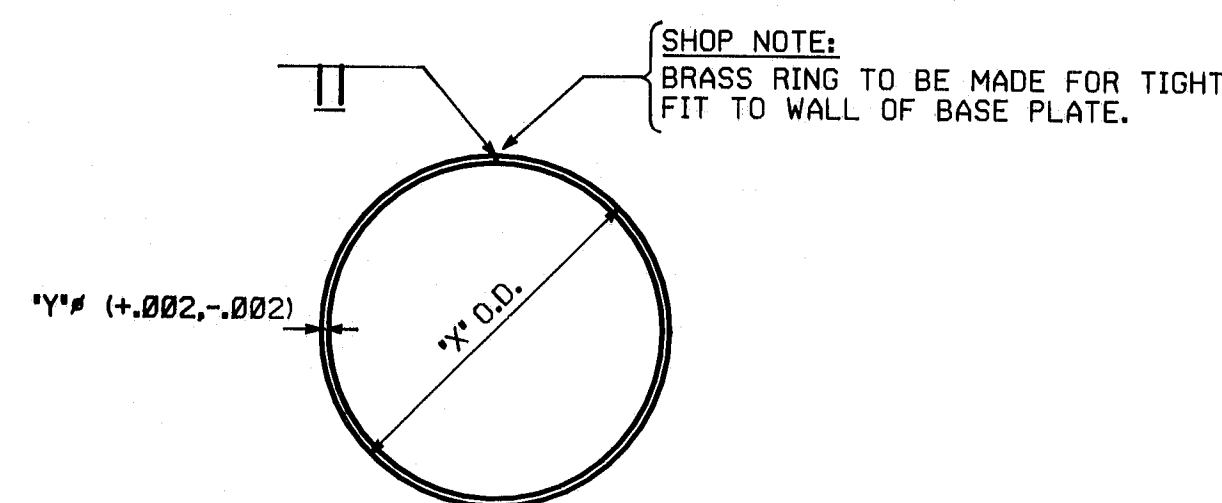
DRAWING: D-1001-1A

DETAIL 1



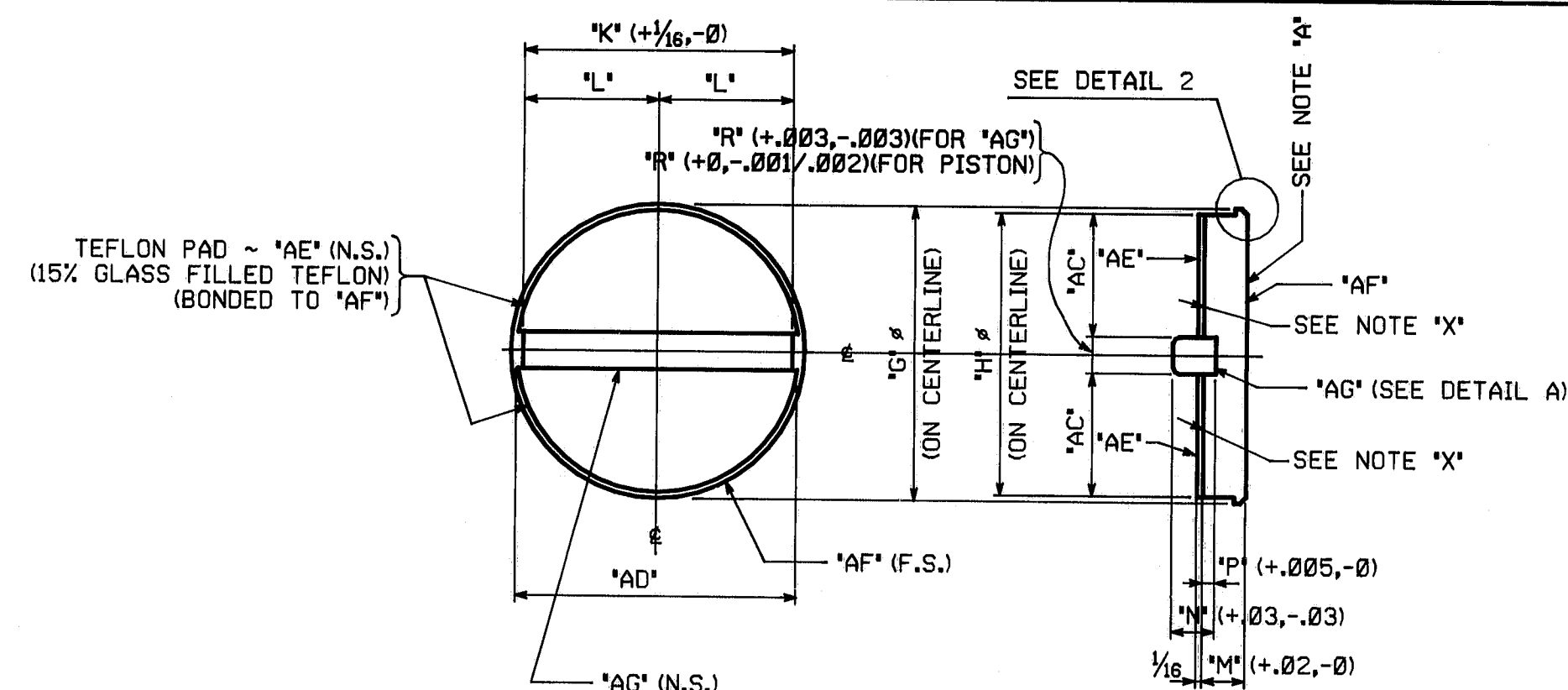
PISTONS - NON GUIDED

LOCATION	GIRDER	BRG. TYPE	'A' Δ	'B' Δ	'C' Δ	'D' Δ	'E' Δ	'F' Δ	'AA' Δ	'AB' Δ
PIER 2 SPAN 2	12.35 6.63.18	N-350(2)	10.72 (+0, -.008)	10.58	1.33	.07	.13	.37	ba	bk
ABUT. 1	12.35 6.63.18	N-400(2)	11.87 (+0, -.009)	11.71	1.36	.08	.13	.37	bb	bm
ABUT. 2	12.35 6.63.18	N-400(7)	11.87 (+0, -.009)	11.71	1.36	.08	.13	.37	bb	bm
PIER 6	12.35 6.63.18	N-600(9)	14.07 (+0, -.010)	13.91	1.46	.08	.14	.37	bc	bn
PIER 7	12.35 6.63.18	N-1000(3)	19.04 (+0, -.012)	18.84	1.77	.10	.18	.50	bd	bp
PIER 4	12.35 6.63.18	N-1500(3)	23.27 (+0, -.012)	23.05	2.04	.11	.24	.56	bg	bt
PIER 3	12.35 6.63.18	N-1800(7)	25.58 (+0, -.012)	25.36	2.14	.11	.27	.56	bh	bw



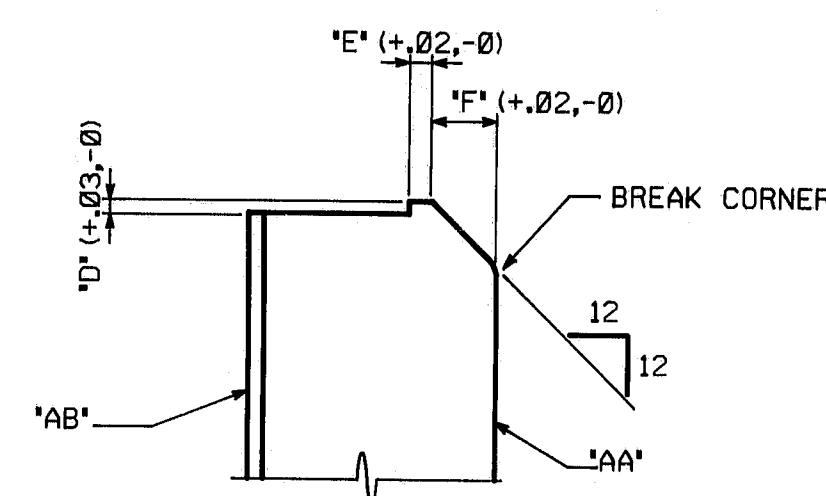
BRASS SEALING RINGS

LOCATION	GIRDER	BRG. TYPE	'X' Δ	'Y' Δ
PIER 2 SPAN 2	12.35 6.63.18	N-350(2)	10.74	5/16
ABUT. 1	12.35 6.63.18	N-400(2)	11.89	5/16
ABUT. 2	12.35 6.63.18	N-400(7)	11.89	5/16
ABUT. 1	12.35 6.63.18	N-400(2)	11.89	5/16
ABUT. 2	12.35 6.63.18	N-400(7)	11.89	5/16
PIER 2 SPAN 3	12.35 6.63.18	N-600(9)	14.11	5/16
PIER 1	12.35 6.63.18	N-900(2)	18.48	3/8
PIER 6	12.35 6.63.18	N-1000(3)	19.09	3/8
PIER 5	12.35 6.63.18	N-1100(5)	20.16	3/8
PIER 7	12.35 6.63.18	N-1100(5)	20.16	3/8
PIER 5	12.35 6.63.18	N-1100(2)	20.16	3/8
PIER 4	12.35 6.63.18	N-1500(3)	23.32	1/2
PIER 3	12.35 6.63.18	N-1800(7)	25.63	1/2

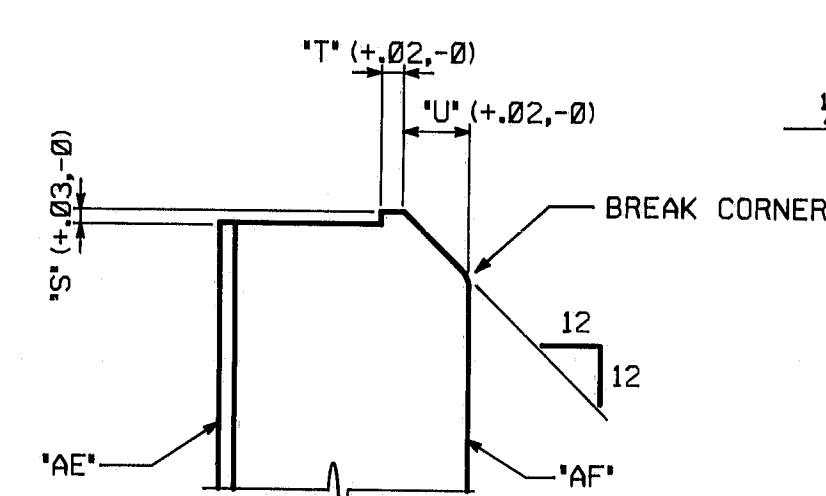


PISTONS - GUIDED

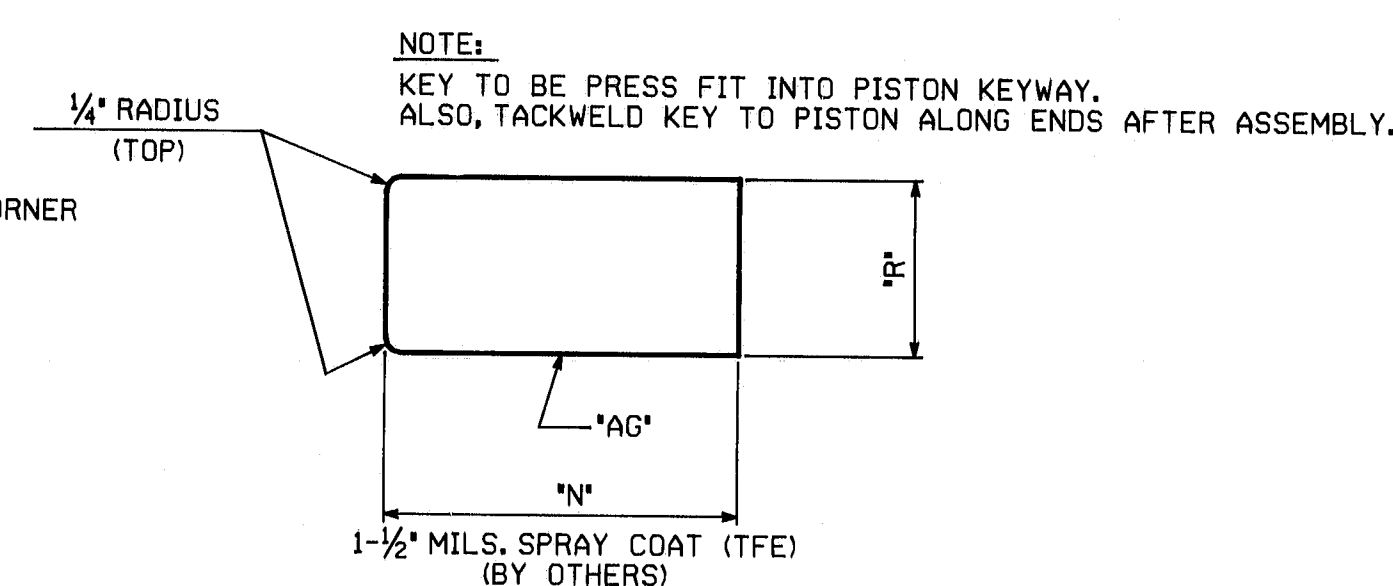
LOCATION	GIRDER	BRG. TYPE	'G' Δ	'H' Δ	'K' Δ	'L' Δ	'M' Δ	'N' Δ	'P' Δ	'R' Δ	'S' Δ	'T' Δ	'U' Δ	'AC' Δ	'AD' Δ	'AE' Δ	'AF' Δ	'AG' Δ
PIER 2 SPAN 2	4,7	G-350(2)	10.72 (+0, -.008)	10.58	10 1/16	5 1/2	1.33	1'	.37	.500	.07	.13	.37	5.04	10.5682	by	bak	bba
ABUT. 1	4,7	G-400(2)	11.87 (+0, -.009)	11.71	11 1/16	5 1/2	1.36	1'	.37	.500	.08	.13	.37	5.605	11.6993	baa	bam	bbb
ABUT. 2	4,5	G-400(7)	11.87 (+0, -.009)	11.71	11 1/16	5 1/2	1.36	1'	.37	.500	.08	.13	.37	5.605	11.6993	baa	bam	bbb
PIER 1	12.35 6.63.18	G-900(2)	18.43 (+0, -.010)	18.25	1'-5 1/8	8 1/16	1.73	1 1/4	.45	.750	.09	.17	.50	8.75	18.2346	bac	bap	bba
PIER 6	12.35 6.63.18	G-1000(3)	19.04 (+0, -.012)	18.84	1'-6 1/4	9 1/16	1.77	1 1/4	.45	.750	.10	.18	.50	9.045	18.8251	bad	bas	bbf
PIER 7	12.35 6.63.18	G-1100(5)	20.11 (+0, -.012)	19.91	1'-7 3/16	9 1/16	1.83	1 1/2	.55	1.000	.10	.21	.50	9.455	19.8849	baf	bat	bbg
PIER 5	12.35 6.63.18	G-1100(2)	20.11 (+0, -.012)	19.91	1'-7 3/16	9 1/16	1.83	1 1/2	.55	1.000	.10	.21	.50	9.455	19.8849	baf	bat	bbg
PIER 4	12.35 6.63.18	G-1500(3)	23.27 (+0, -.012)	23.05	1'-10 1/16	11 1/16	2.04	1 1/2	.55	1.000	.11	.24	.56	11.025	23.0283	bag	baw	bba
PIER 3	12.35 6.63.18	G-1800(7)	25.58 (+0, -.012)	25.36	2'-0 3/4	1'-0 3/8	2.14	1 3/4	.68	1.000	.11	.27	.56	12.18	25.3403	bah	bay	bbk



ENLARGED DETAIL 1



ENLARGED DETAIL 2



ENLARGED DETAIL A

NOTES:

NOTE 'A': SURFACES INDICATED ARE TO BE STRAIGHT AND TRUE; FINISH IF NECESSARY.

NOTE 'X': SURFACES INDICATED ARE TO BE MACHINED FLAT TO .01'/.04' MAXIMUM

ALL DIMENSIONS GIVEN THUS: 12.21 ARE DECIMALS OF AN INCH. FOR NOTES AND REFERENCE, SEE DRAWING D-1001-1A. MATERIAL TO BE ASTM A588 (U.N.)

SHOP NOTE

HOLES: NONE

BOLTS: NONE

REQUIRED PER SHIPMENT		
#1	#2	#3
10	--	--
10	--	8
--	8	--
10	--	--
--	--	8
--	--	16
--	8	--
--	8	--

BILL OF MATERIAL

REQUIRED PER SHIPMENT	NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SHIP WEIGHT
8	--	--	8	ba	10.72" x 1.33" THK.	FOR BRG. TYPE 350	10
8	--	6	14	bb	11.87" x 1.36" THK.	FOR BRG. TYPE 400	10
--	6	--	6	bc	14.07" x 1.46" THK.	FOR BRG. TYPE 600	10
--	6	--	6	bd	19.04" x 1.77" THK.	FOR BRG. TYPE 1000	10
--	6	--	6	bf	20.11" x 1.83" THK.	FOR BRG. TYPE 1100	10
--	6	--	6	bg	23.27" x 2.04" THK.	FOR BRG. TYPE 1500	10
--	6	--	6	bh	25.58" x 2.14" THK.	FOR BRG. TYPE 1800	10
8	--	--	8	bm	10.56" x 1/16" THK.	ISOGLOSS FILL TEFLON FOR BRG. TYPE 350	10
--	6	--	6	bn	11.71" x 1/16" THK.	ISOGLOSS FILL TEFLON FOR BRG. TYPE 400	10
--	6	--	6	bp	14.07" x 1/16" THK.	ISOGLOSS FILL TEFLON FOR BRG. TYPE 600	10
--	6	--	6	bs	19.04" x 1/16" THK.	ISOGLOSS FILL TEFLON FOR BRG. TYPE 1000	10
--	6	--	6	bt	20.11" x 1/16" THK.	ISOGLOSS FILL TEFLON FOR BRG. TYPE 1100	10
--	6	--	6	bw	23.27" x 1/16" THK.	ISOGLOSS FILL TEFLON FOR BRG. TYPE 1500	10

BILL OF MATERIAL

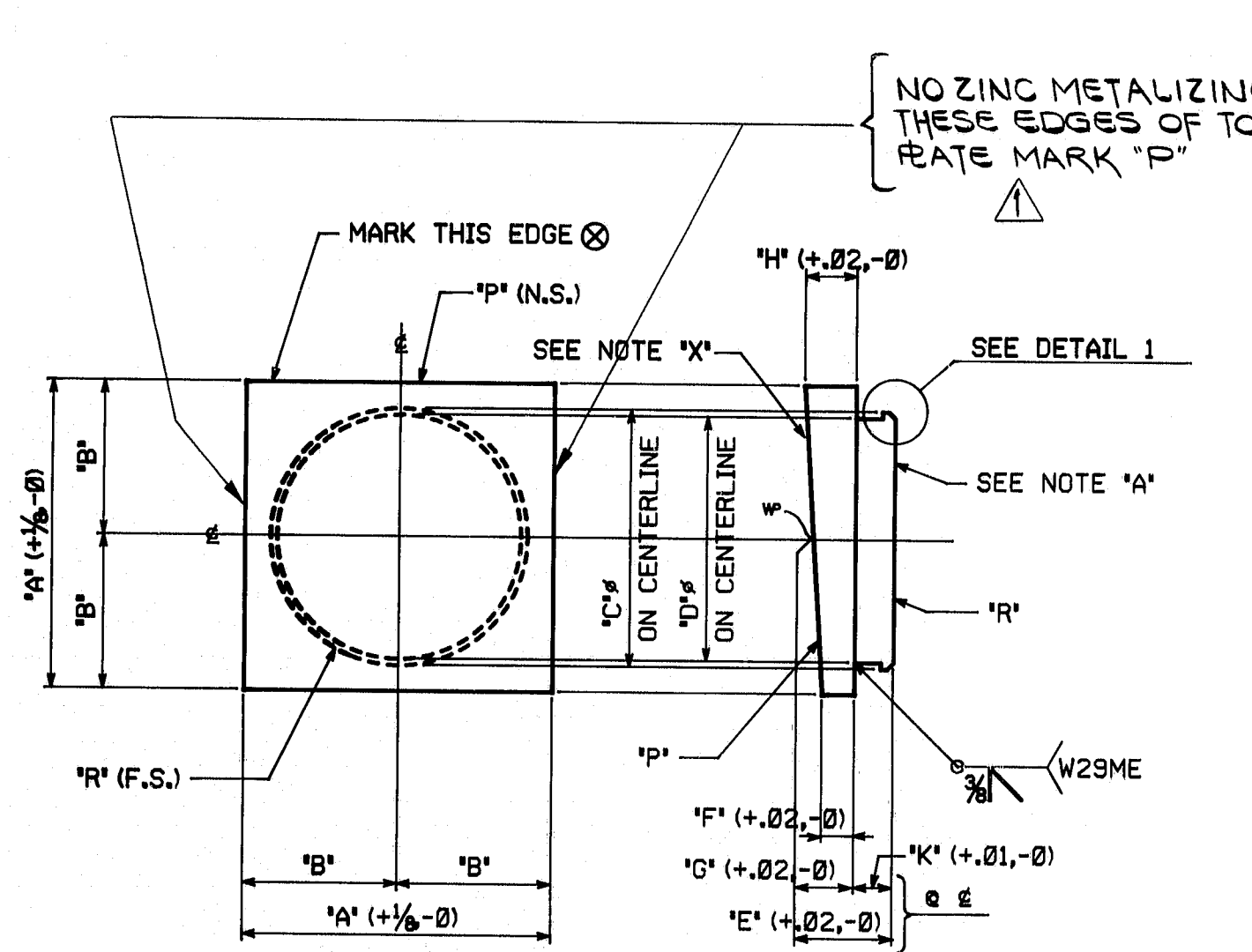
REQUIRED PER SHIPMENT	NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SHIP WEIGHT
2	--	--	2	bak	10.72" x 1.33" THK.	FOR BRG. TYPE 350	10
2	--	2	4	bam	11.87" x 1.36" THK.	FOR BRG. TYPE 400	10
--	2	--	2	ban	14.07" x 1.46" THK.	FOR BRG. TYPE 600	10
8	--	--	8	bap	19.04" x 1.77" THK.	FOR BRG. TYPE 1000	10
--	2	2	2	bas	20.11" x 1.83" THK.	FOR BRG. TYPE 1100	10
--	8	--	8	bat	23.27" x 2.04" THK.	FOR BRG. TYPE 1500	10
--	2	--	2	baw	25.58" x 2.14" THK.	FOR BRG. TYPE 1800	10
2	--	--	2	bba	10.56" x 1/16" THK.	FOR BRG. TYPE 350 COLD DRAWN (C101)	10
2	--	2	4	bbb	11.71" x 1/16" THK.	FOR BRG. TYPE 400 COLD DRAWN (C101)	10
--	2	--	2	bbc	14.07" x 1/16" THK.	FOR BRG. TYPE 600 COLD DRAWN (C101)	10
8	--	--	8	bbd	19.04" x 1/16" THK.	FOR BRG. TYPE 1000 COLD DRAWN (C101)	10
--	2	2	2	bbf	20.11" x 1/16" THK.	FOR BRG. TYPE 1100 COLD DRAWN (C101)	10
--	8	--	8	bbg	23.27" x 1/16" THK.	FOR BRG. TYPE 1500 COLD DRAWN (C101)	10
--	2	--	2	bba	10.56" x 1/16" THK.	FOR BRG. TYPE 350 COLD DRAWN (C101)	10
4	--	--	4	by	10.56" x 1/16" THK.	FOR BRG. TYPE 350	10
4	--	4	8	baa	11.6993" x 1/16" THK.	FOR BRG. TYPE 400	10
--	4	--	4	bab	13.8898" x 1/16" THK.	FOR BRG. TYPE 600	10
16	--	--	16	bac	18.2346" x 1/16" THK.	FOR BRG. TYPE 900	10
--	4	--	4	bad	18.8251" x 1/16" THK.	FOR BRG. TYPE 1000	10
--	16	--	16	baf	19.8849" x 1/16" THK.	FOR BRG. TYPE 1100	10
--	4	--	4	bag	23.0283" x 1/16" THK.	FOR BRG. TYPE 1500	10
--	4	--	4	bah	25.3403" x 1/16" THK.	FOR BRG. TYPE 1800	10

△

NO. Δ	REVISION	DATE	9-28-84
HIGH STEEL STRUCTURES, INC.			
POT BEARING DETAILS			
I-395 BRIDGE OVER PENOBSCOT RIVER			
I-395 BRIDGE STA. 164+60.00			
PENOBSCOT COUNTY			
STATE OF MAINE			
DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT OR REF. NO.	6	CONTRACTOR	CIANBRO CORP.
IN CHARGE	HINKLE	MADE BY	B.J.K.
CHK.D. BY	JCH	DATE	7-2-84
CONTRACT NUMBER	ME-84088-1,2,3	DRAWING NUMBER	D-1001-1C

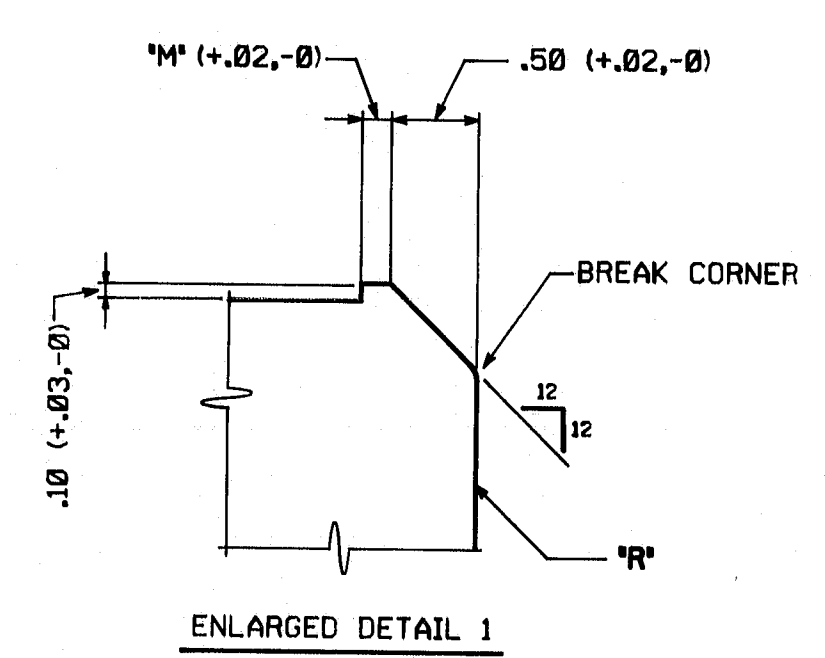
R95-155

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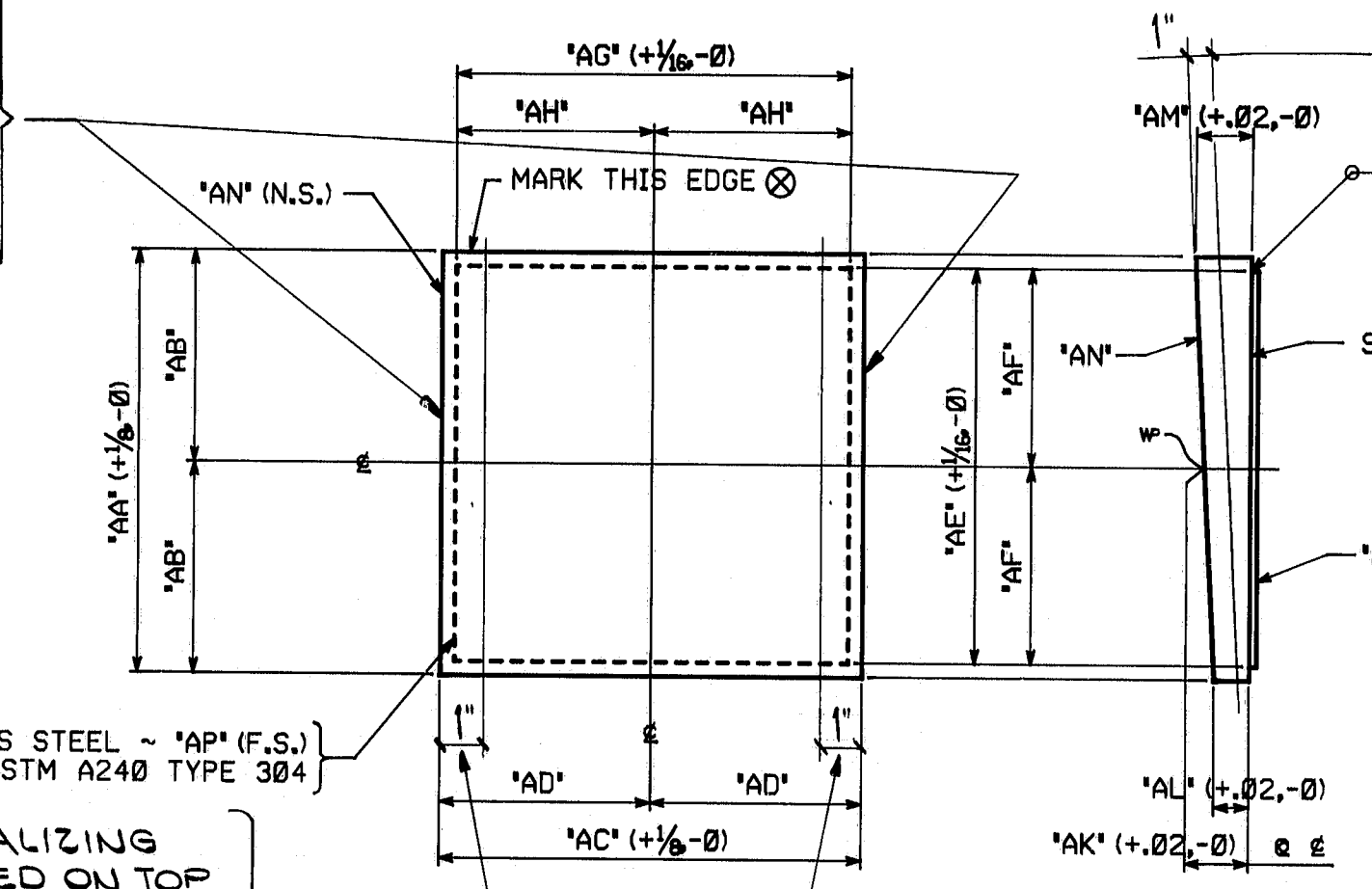
SOLE PLATE/PISTON PLATE - FIXED

LOCATION	GIRDER	BRG. TYPE	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'J'	'K'	'L'	'M'	'N'	'O'
PIER 1	4	F-900	1'-10 1/2"	11 1/8"	18.43 (+0, -.010)	18.23	2.95	.97	1.22	1.47	1.73	.17	bbm	bbn	bbp	bbq	bbt
	7	F-900	1'-10 1/2"	11 1/8"	18.43 (+0, -.010)	18.23	2.95	.95	1.22	1.49	1.73	.17	bbn	bbp	bbq	bbt	bbu
PIER 5	4,5	F1100	2'-1 1/2"	1'-0 1/2"	20.11 (+0, -.012)	19.91	3.05	1.04	1.22	1.40	1.83	.21	bbp	bbt	bbu	bbv	bbw



NO ZINC METALIZING THESE EDGES OF TOP PLATE MARK 'AN' FOR ALL BRGS. TYPE 350(2) & 400(2)

NO ZINC METALIZING THESE EDGES OF TOP PLATE MARK 'P' FOR ALL BRGS. TYPE 1500(3); 1800(7) & 400(7)



SOLE PLATES - NON GUIDED

LOCATION	GIRDER	BRG. TYPE	'AA'	'AB'	'AC'	'AD'	'AE'	'AF'	'AG'	'AH'	'AI'	'AJ'	'AK'	'AL'	'AM'	'AN'	'AO'
PIER 2	1	N-350(2)	1'-3 3/4"	7 7/8"	1'-2 3/4"	7 7/8"	1'-3 3/4"	7 7/8"	1'-2 1/4"	7 7/8"	1.25	1.04	1.46	bbw	bdw		
	2	N-350(2)									1.05	1.45	bbx	bdx			
ABUT. 1	3,6	N-350(2)									1.07	1.43	bca				
	5,8,9,10	N-350(2)	1'-3 3/4"	7 7/8"	1'-2 3/4"	7 7/8"	1'-3 3/4"	7 7/8"	1'-2 1/4"	7 7/8"	1.25	1.08	1.42	bcx	bdx		
ABUT. 2	1	N-400(2)	1'-4 1/2"	8 1/2"	1'-3 3/4"	7 7/8"	1'-4 1/2"	8 1/2"	1'-3 1/2"	7 7/8"	1.23	1.00	1.46	bcc	bdy		
	3,5	N-400(2)									1.03	1.43	bcd				
PIER 6	2,3,6,7,8	N-400(2)	1'-4 1/2"	8 1/2"	1'-3 3/4"	7 7/8"	1'-4 1/2"	8 1/2"	1'-3 1/2"	7 7/8"	1.23	1.01	1.45	bce	bdz		
	1	N-400(7)	1'-9 1/2"	10 1/2"	1'-4 1/4"	8 1/2"	1'-9 1/2"	10 1/2"	1'-3 3/4"	7 7/8"	1.66	1.35	1.97	bck	bfa		
PIER 7	1,2,3,6	N-1100(3)	2'-1 1/2"	1'-0 1/2"	2'-1 1/2"	1'-0 1/2"	2'-0 1/2"	1'-0 1/2"	1'-11 1/2"	11 1/2"	1.91	1.61	2.21	bcy	bfc		
	7,8	N-1100(5)	2'-4 1/2"	1'-2 1/2"	2'-1 1/2"	1'-0 1/2"	2'-3 1/2"	1'-1 1/2"	2'-0 1/2"	1'-0 1/2"	2.05	1.65	2.45	bda	bfd		
PIER 4	1	N-1500(3)	2'-6 1/4"	1'-3 1/2"	2'-5 1/4"	1'-2 1/2"	2'-5 1/4"	1'-2 1/2"	2'-4 1/4"	1'-2 1/2"	2.09	2.07	2.11	bdc	bff		
	2,3	N-1500(3)									2.09	2.09	bdd				
PIER 3	6	N-1500(3)									2.03	2.15	bdf				
	7	N-1500(3)									2.00	2.18	bdg				
PIER 5	1	N-1800(7)	3'-1 1/2"	1'-6 1/2"	2'-9 1/2"	1'-4 1/2"	3'-0 1/2"	1'-6 1/4"	2'-7 1/2"	1'-3 3/4"	2.28	2.11	2.45	bde	bfg		
	2	N-1800(7)									2.13	2.43	bdh				
PIER 6	3	N-1800(7)									2.15	2.41	bdh				
	6	N-1800(7)									2.19	2.37	bdi				
PIER 7	7	N-1800(7)									2.21	2.35	bdi				
	8	N-1800(7)	3'-1 1/2"	1'-6 1/2"	2'-9 1/2"	1'-4 1/2"	3'-0 1/2"	1'-6 1/4"	2'-7 1/2"	1'-3 3/4"	2.28	2.22	2.34	bdt	bfg		

NOTES:

NOTE 'A' SURFACES INDICATED ARE TO BE STRAIGHT AND TRUE; FINISH IF NECESSARY.

NOTE 'X' SURFACES INDICATED ARE TO BE MACHINED FLAT TO .01"/FT. (0.04" MAXIMUM)

ALL DIMENSIONS GIVEN THUS: 2.95 ARE DECIMALS OF AN INCH. FOR NOTES AND REFERENCE, SEE DRAWING D-1001-1A.

MATERIAL TO BE ASTM A588 (U.N.)

SHOP NOTE

HOLES: NONE

BOLTS: NONE

REQUIRED PER SHIPMENT			BILL OF MATERIAL									
#1	#2	#3	NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	QTY	UNIT	WGT.	QTY
SOLE PLATE/PISTON PLATE - FIXED												
1	--	--	1	bbm	22 1/2" x 1.47 x .375	1	10%	FOR BRG. TYPE 900	10	LB	24	
1	--	--	1	bbn	22 1/2" x 1.49 x .35	1	10%	FOR BRG. TYPE 900	10	LB	24	
--	2	--	2	bbp	25 1/2" x 1.48 x .34	2	1%	FOR BRG. TYPE 1100	10	LB	27	
2	--	--	2	bbs	2 1/8 x 1.73 THK.			FOR BRG. TYPE 900	10	LB	27	
--	2	--	2	bbt	2 1/8 x 1.83 THK.			FOR BRG. TYPE 1100	10	LB	25	
SOLE PLATES - NON GUIDED												
1	--	--	1	bbw	21 1/4" x 1.46 x .34	1	3%	FOR BRG. TYPE 350	10	LB	26	
1	--	--	1	bbx	21 1/4" x 1.45 x .35	1	3%	FOR BRG. TYPE 350	10	LB	26	
2	--	--	2	bca	21 1/4" x 1.43 x .37	1	3%	FOR BRG. TYPE 350	10	LB	26	
4	--	--	4	bcb	21 1/4" x 1.42 x .38	1	3%	FOR BRG. TYPE 350	10	LB	26	
1	--	--	1	bcc	21 1/4" x 1.45 x .38	1	4%	FOR BRG. TYPE 400	10	LB	25	
2	--	--	2	bcd	21 1/4" x 1.43 x .39	1	4%	FOR BRG. TYPE 400	10	LB	25	
1	--	--	1	bce	21 1/4" x 1.42 x .40	1	4%	FOR BRG. TYPE 400	10	LB	25	
4	--	--	4	bcd	21 1/4" x 1.45 x .38	1	4%	FOR BRG. TYPE 400	10	LB	25	
--	1	--	1	bch	21 1/4" x 1.36 x .36	1	9%	FOR BRG. TYPE 400	10	LB	23	
--	5	--	5	bck	21 1/4" x 1.37 x .35	1	9%	FOR BRG. TYPE 400	10	LB	23	
--	6	--	6	bcy	25 1/2" x 2.21 x 1.61	2	1	FOR BRG. TYPE 1000	10	LB	18	
--	4	--	4	bda	25 1/2" x 2.45 x 1.65	2	4%	FOR BRG. TYPE 1100	10	LB	14	
--	2	--	2	bdb	25 1/2" x 2.46 x 1.64	2	4%	FOR BRG. TYPE 1100	10	LB	14	
--	1	--	1	bdc	25 1/2" x 2.11 x 2.07	2	6 1/2	FOR BRG. TYPE 1500	10	LB	21	
--	2	--	2	bdd	25 1/2" x 2.09 x 2.09	2	6 1/2	FOR BRG. TYPE 1500	10	LB	21	
--	1	--	1	bdf	25 1/2" x 2.15 x 2.03	2	6 1/2	FOR BRG. TYPE 1500	10	LB	21	
--	1	--	1	bdg	25 1/2" x 2.18 x 2.00	2	6 1/2	FOR BRG. TYPE 1500	10	LB	16	
--	1	--	1	bde	25 1/2" x 2.21 x 1.97	2	6 1/2	FOR BRG. TYPE 1500	10	LB	16	
--	1	--	1	bdk	23 3/4" x 2.45 x 2.11	3	1	FOR BRG. TYPE 1800	10	LB	13	
--	1	--	1	bdl	23 3/4" x 2.43 x 2.13	3	1	FOR BRG. TYPE 1800	10	LB	13	
--	1	--	1	bdl	23 3/4" x 2.41 x 2.15	3	1	FOR BRG. TYPE 1800	10	LB	13	
--	1	--	1	bdp	23 3/4" x 2.37 x 2.19	3	1	FOR BRG. TYPE 1800	10	LB	15	
--	1	--	1	bds	23 3/4" x 2.35 x 2.21	3	1	FOR BRG. TYPE 1800	10	LB	15	
--	1	--	1	bdt	23 3/4" x 2.34 x 2.22	3	1	FOR BRG. TYPE 1800	10	LB	15	
8	--	--	8	bdw	21 1/4" x 1.4GA.	1	3 1/2	A240 TYPE 304 FOR BRG. TYPE 350	10	LB	12	
8	--	--	8	bdu	21 1/4" x 1.4GA.	1	4 1/2	A240 TYPE 304 FOR BRG. TYPE 400	10	LB	9	
--	6	--	6	bfa	21 1/4" x 1.4GA.	1	9 1/2	A240 TYPE 304 FOR BRG. TYPE 400	10	LB	9	
--	6	--	6	bfc	22 3/4" x 1.4GA.	2	0 1/2	A240 TYPE 304 FOR BRG. TYPE 1000	10	LB	6	
--	6	--	6	bfd	22 3/4" x 1.4GA.	2	3 1/2	A240 TYPE 304 FOR BRG. TYPE 1100	10	LB	6	
--	6	--	6	bff	22 3/4" x 1.4GA.	2	5 1/2	A240 TYPE 304 FOR BRG. TYPE 1500	10	LB	4	
--	6	--	6	bfg	23 1/2" x 1.4GA.	3	0 1/2	A240 TYPE 304 FOR BRG. TYPE 1800	10	LB	3	

NO. 1 REVISION altered as per 10-11-84 appv. DATE 10-11-84

805 Old Philadelphia Pike
Lancaster, Pennsylvania 17603
Phone 717/299-3333

A Subsidiary of H&B Industries, Inc.

POT BEARING DETAILS

I-395 BRIDGE OVER PENOBSCOT RIVER

I-395 BRIDGE STA. 164+60.00

PENOBSCOT COUNTY

STATE OF MAINE

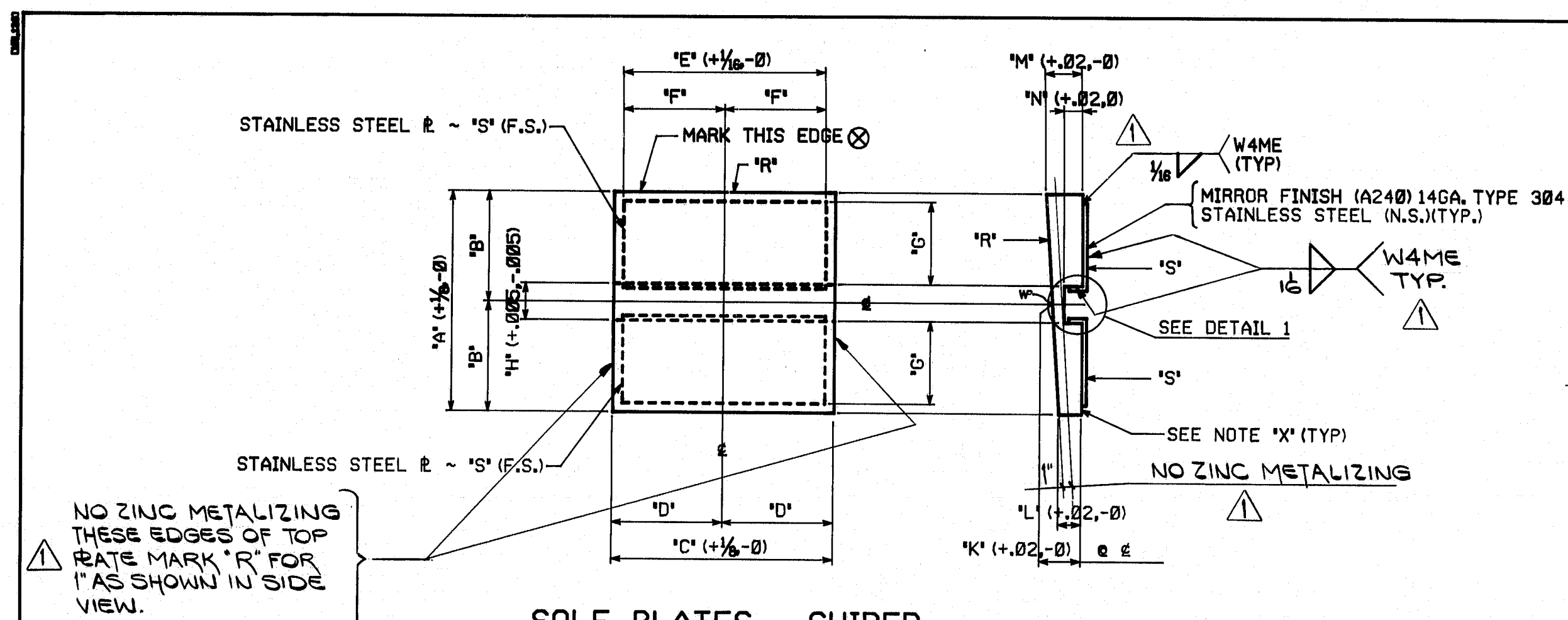
DEPARTMENT OF TRANSPORTATION

STATE CONTRACT OR REFUND: 6 CONTRACTOR: CIANBRO CORP.

IN CHARGE: HINKLE MADE BY: B.J.K. CHK'D BY: JCH DATE: 8-16-84

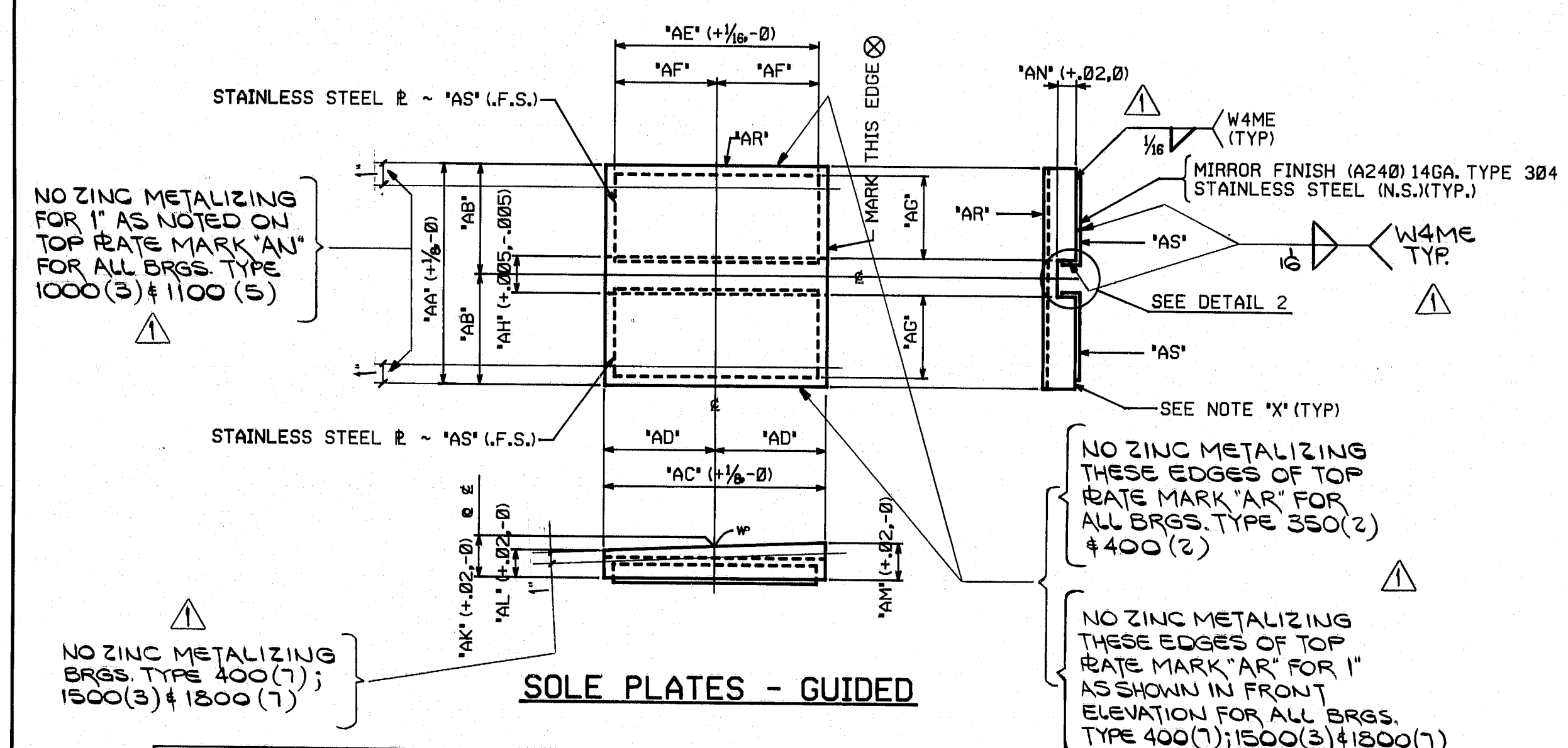
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R95-156



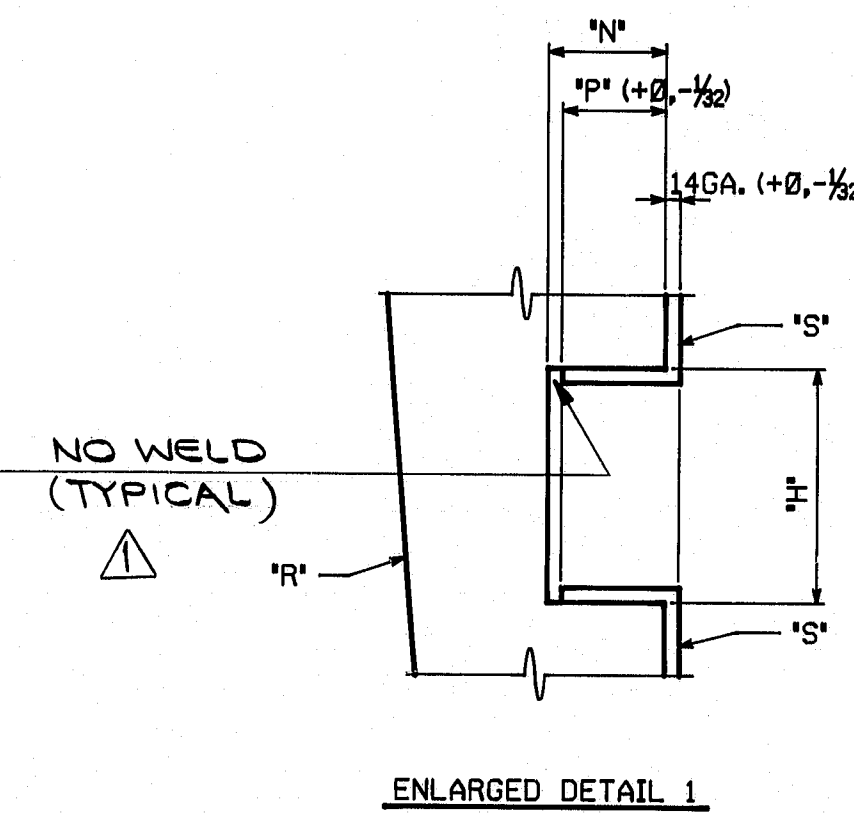
SOLE PLATES - GUIDED

LOCATION	GIRDER	BRG. TYPE	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'J'	'K'	'L'	'M'	'N'	'O'	'P'	'Q'	'R'	'S'
PIER 1	1	G-900(2)	1'-10 7/8	11 7/8	1'-11	11 1/2	1'-10 1/2	11 1/4	10 3/4	1.06	1.30	1.59	2.21	.75	%	bgb	bhc				
	2	G-900(2)																			
	3,8,9,10	G-900(2)																			
	5,6	G-900(2)	1'-10 7/8	11 7/8	1'-11	11 1/2	1'-10 1/2	11 1/4	10 3/4	1.06	1.30	1.61	2.19	.75	%	bgb	bhc				
PIER 5	1,2,3	G-1100(2)	2'-1 3/8	1'-0 1/8	2'-1 3/8	1'-0 1/8	2'-0 7/8	1'-0 7/8	11 1/8	1.31	2.01	1.86	2.16	.93	%	bgg	bhd				
	6	G-1100(2)																			
	7	G-1100(2)																			
	8	G-1100(2)	2'-1 3/8	1'-0 1/8	2'-1 3/8	1'-0 1/8	2'-0 7/8	1'-0 7/8	11 1/8	1.31	2.01	1.81	2.21	.93	%	bgm	bhd				

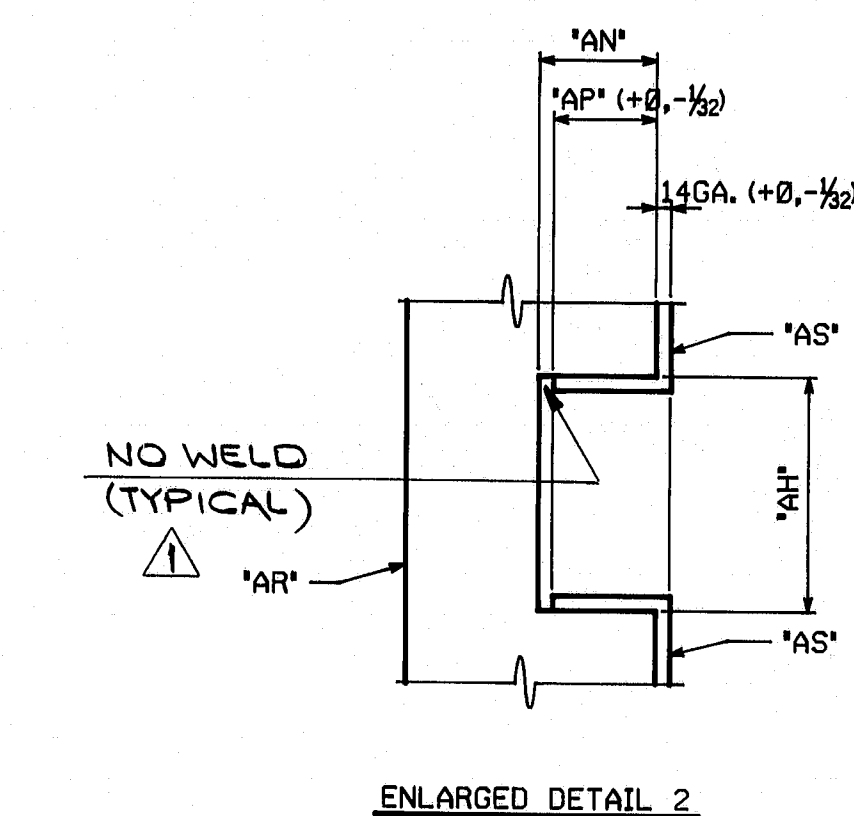


SOLE PLATES - GUIDED

LOCATION	GIRDER	BRG. TYPE	'AA'	'AB'	'AC'	'AD'	'AE'	'AF'	'AG'	'AH'	'AI'	'AJ'	'AK'	'AL'	'AM'	'AN'	'AO'	'AP'	'AQ'	'AR'	'AS'
PIER 2	4,7	G-350(2)	1'-2 3/4	7 3/4	1'-3 3/4	7 3/4	1'-3 3/4	7 3/4	8 3/4	.81	1.25	1.07	1.43	.56	%	bfn	bgm				
ABUT. 1	4	G-400(2)	1'-3 3/4	7 3/4	1'-4 3/4	8 3/4	1'-4 3/4	8 3/4	7 3/8	.81	1.23	1.05	1.41	.56	%	bfn	bgp				
	7	G-400(2)	1'-3 3/4	7 3/4	1'-4 3/4	8 3/4	1'-4 3/4	8 3/4	7 3/8	.81	1.23	1.02	1.44	.56	%	bfn	bgp				
ABUT. 2	4,5	G-400(7)	1'-4 1/4	8 3/4	1'-9 3/4	10 3/4	1'-9 3/4	10 3/4	7 3/8	.81	1.66	1.35	1.97	.56	%	bfn	bgm				
PIER 6	4,5	G-1000(3)	2'-1 1/2	1'-0 1/4	2'-1	1'-0 1/2	2'-0 1/2	1'-0 1/4	11 1/4	1.06	1.91	1.61	2.21	.75	%	bfs	bgm				
PIER 7	4,5	G-1100(5)	2'-1 3/8	1'-0 1/8	2'-1 3/8	1'-0 1/8	2'-0 7/8	1'-0 7/8	11 1/8	1.31	2.05	1.65	2.45	.93	%	bfs	bgm				
PIER 4	4,5	G-1500(3)	2'-5 1/4	1'-2 3/8	2'-6 1/4	1'-3 3/8	2'-5 3/4	1'-2 3/8	1'-1 1/4	1.31	2.09	2.04	2.14	.93	%	bfs	bha				
PIER 3	4	G-1800(7)	2'-9	1'-4 1/2	3'-1	1'-6 1/2	3'-0 1/2	1'-6 1/4	1'-3 3/4	1.31	2.28	2.15	2.41	.93	%	bfs	bhb				
	5	G-1800(7)	2'-9	1'-4 1/2	3'-1	1'-6 1/2	3'-0 1/2	1'-6 1/4	1'-3 3/4	1.31	2.28	2.17	2.39	.93	%	bfs	bhb				



ENLARGED DETAIL 1



ENLARGED DETAIL 2

NOTES:

NOTE 'A': SURFACES INDICATED ARE TO BE STRAIGHT AND TRUE; FINISH IF NECESSARY.

NOTE 'X': SURFACES INDICATED ARE TO BE MACHINED FLAT TO .01\"/>

ALL DIMENSIONS GIVEN THUS: 2.21 ARE DECIMALS OF AN INCH. FOR NOTES AND REFERENCE, SEE DRAWING D-1001-1A. MATERIAL TO BE ASTM A588 (U.N.)

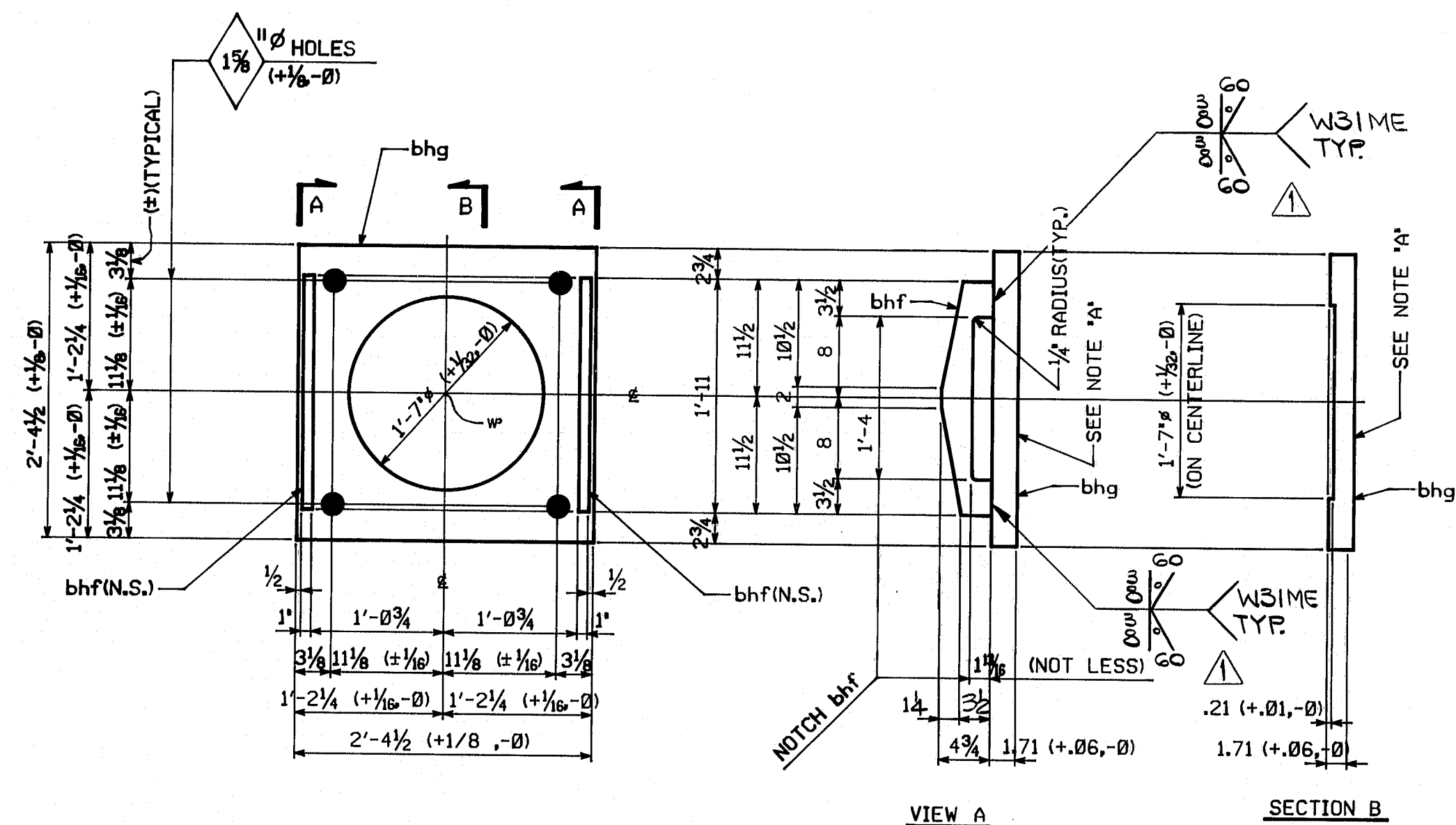
SHOP NOTE

HOLES: NONE
BOLTS: NONE

REQUIRED PER SHIPMENT			BILL OF MATERIAL				
#1	#2	#3	NO.	MARK	DESCRIPTION	LENGTH	REMARKS
1	2	3			SOLE PLATES - GUIDED		
2	2	2	bfn	14 3/4 x (1.43 x 1.07)	1	3%	FOR BRG. TYPE 350
1	1	1	bfn	15 1/2 x (1.41 x 1.05)	1	4%	FOR BRG. TYPE 400
1	1	1	bfn	15 1/2 x (1.44 x 1.02)	1	4%	FOR BRG. TYPE 400
2	2	2	bfn	16 1/4 x (1.97 x 1.35)	1	9%	FOR BRG. TYPE 400
2	2	2	bfs	25 1/2 x (2.21 x 1.61)	2	1	FOR BRG. TYPE 1000
2	2	2	bft	25 1/2 x (2.45 x 1.65)	2	4%	FOR BRG. TYPE 1100
2	2	2	bfw	29 1/4 x (2.14 x 2.04)	2	6%	FOR BRG. TYPE 1500
1	1	1	bfs	33 x (2.41 x 2.15)	3	1	FOR BRG. TYPE 1800
1	1	1	bgs	33 x (2.39 x 2.17)	3	1	FOR BRG. TYPE 1800
1	1	1	bgs	22 1/2 x (2.21 x 1.59)	1	11	FOR BRG. TYPE 900
1	1	1	bgs	22 1/2 x (2.20 x 1.60)	1	11	FOR BRG. TYPE 900
2	2	2	bgs	22 1/2 x (2.17 x 1.63)	1	11	FOR BRG. TYPE 900
2	2	2	bgs	22 1/2 x (2.19 x 1.61)	1	11	FOR BRG. TYPE 900
2	2	2	bgs	25 1/2 x (2.16 x 1.86)	2	1%	FOR BRG. TYPE 1100
1	1	1	bgh	25 1/2 x (2.19 x 1.83)	2	1%	FOR BRG. TYPE 1100
1	1	1	bgh	25 1/2 x (2.20 x 1.82)	2	1%	FOR BRG. TYPE 1100
1	1	1	bgn	25 1/2 x (2.21 x 1.81)	2	1%	FOR BRG. TYPE 1100
4	4	4	bgn	7 1/2 x 14GA.	1	3%	A240 TYPE 304 FOR BRG. TYPE 350
4	4	4	bgs	7 1/2 x 14GA.	1	4%	A240 TYPE 304 FOR BRG. TYPE 400
4	4	4	bgs	7 1/2 x 14GA.	1	9%	A240 TYPE 304 FOR BRG. TYPE 400
4	4	4	bgs	11 1/2 x 14GA.	2	0%	A240 TYPE 304 FOR BRG. TYPE 1000
4	4	4	bgs	12 1/2 x 14GA.	2	3%	A240 TYPE 304 FOR BRG. TYPE 1100
4	4	4	bha	14 1/2 x 14GA.	2	5%	A240 TYPE 304 FOR BRG. TYPE 1500
4	4	4	bhb	16 1/2 x 14GA.	3	0%	A240 TYPE 304 FOR BRG. TYPE 1800
16	16	16	bhc	11 1/2 x 14GA.	1	10%	A240 TYPE 304 FOR BRG. TYPE 900
12	12	12	bhd	12 1/2 x 14GA.	2	0%	A240 TYPE 304 FOR BRG. TYPE 1100

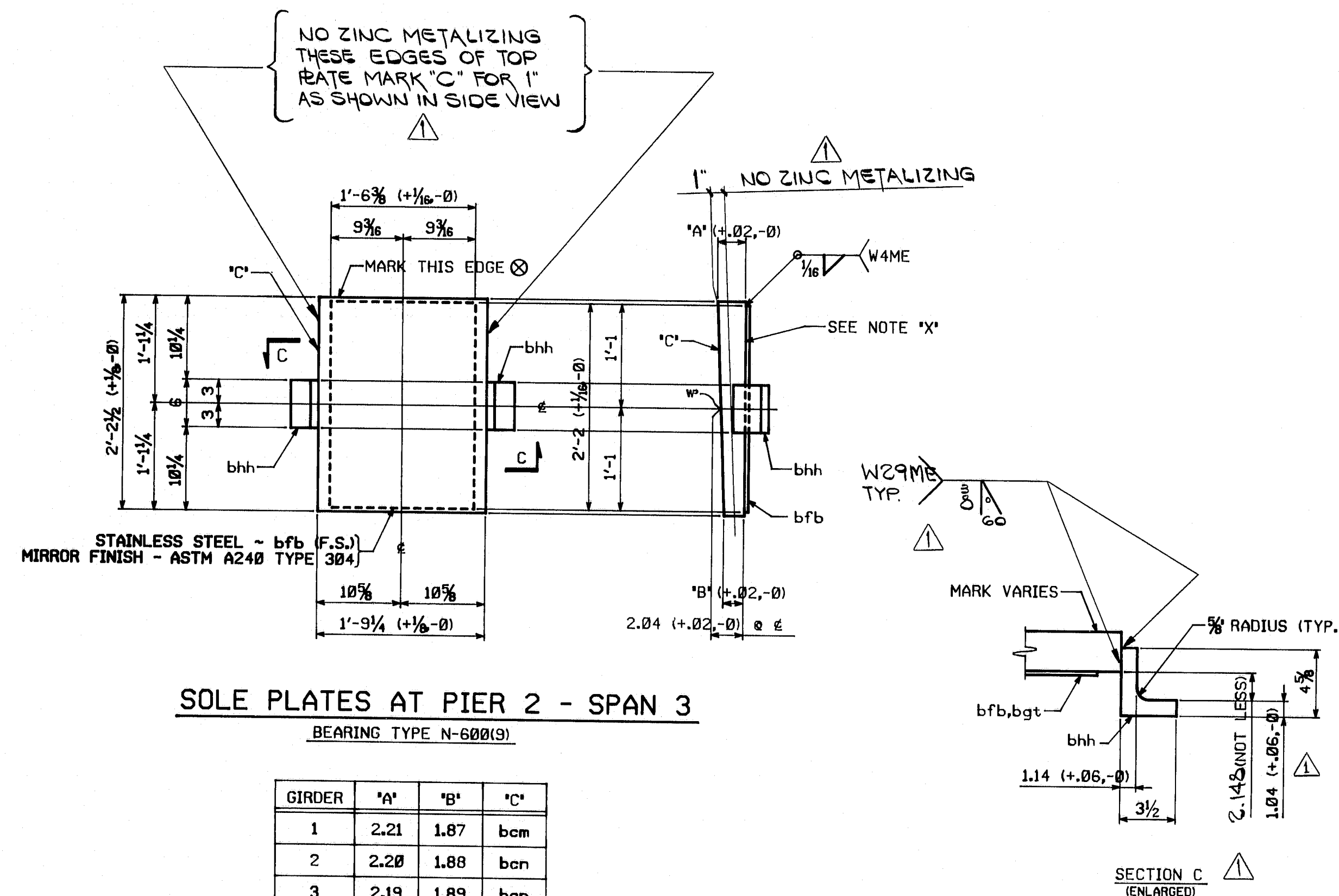
NO. 1	REVISION altered as per 10-11-84 app'.	DATE 10-17-84
HIGH STEEL STRUCTURES, INC.		
POT BEARING DETAILS		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO. 6	CONTRACTOR CIANBRO CORP.	
IN CHARGE: HINKLE	MADE BY: B.J.K.	CHECKED BY: JCH
DATE: 2-16-84	DATE: 7-2-84	
CONTRACT NUMBER: ME-84088-1,2,3	DRAWING NUMBER: D-1001-1E	

R95-157



MASONRY PLATES AT PIER 2-SPAN 3

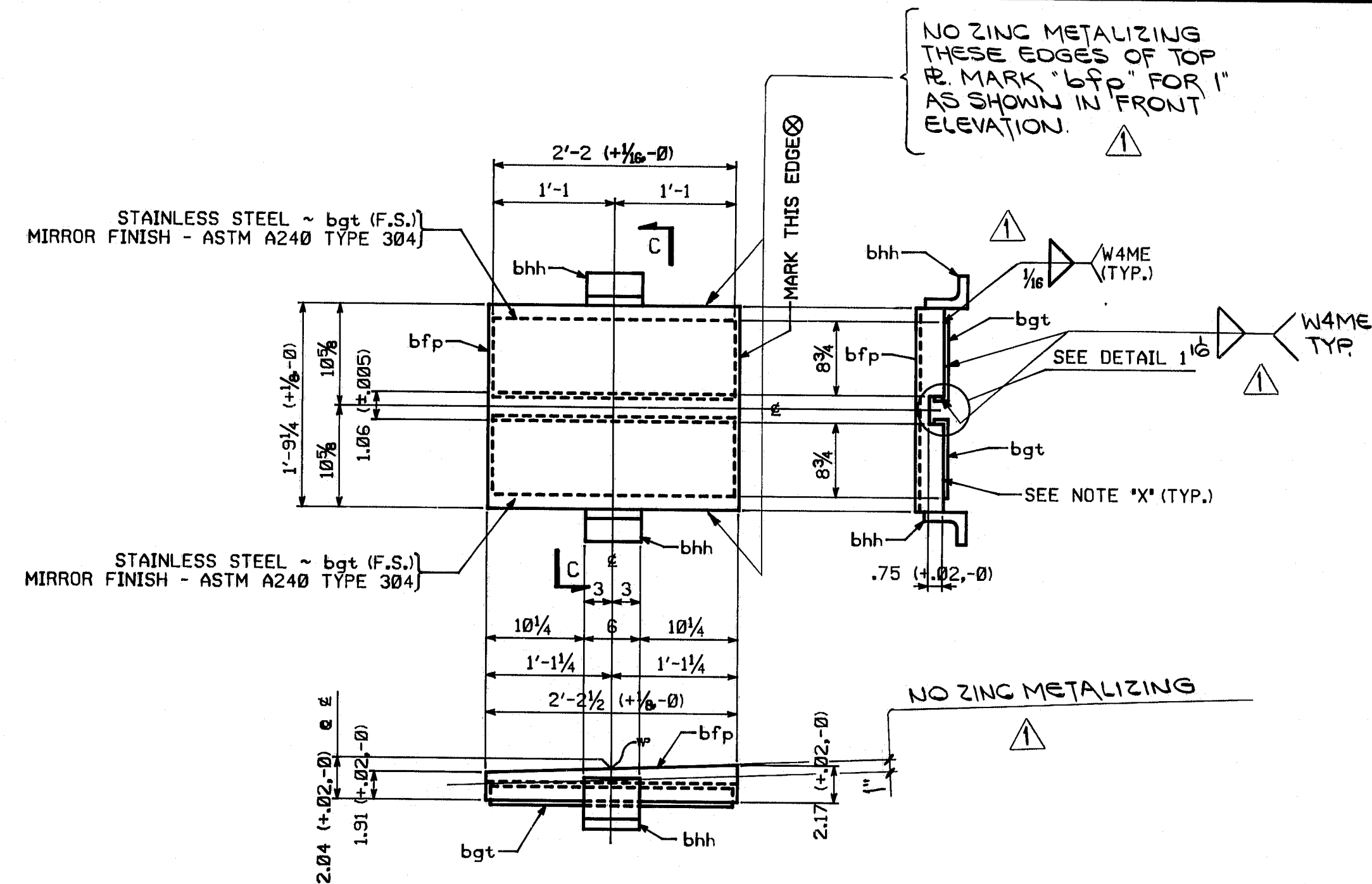
BEARING TYPE N-600(9) AT GIRDERS 1,2,3,6,7,8
BEARING TYPE G-600(9) AT GIRDERS 4,5



SOLE PLATES AT PIER 2 - SPAN 3

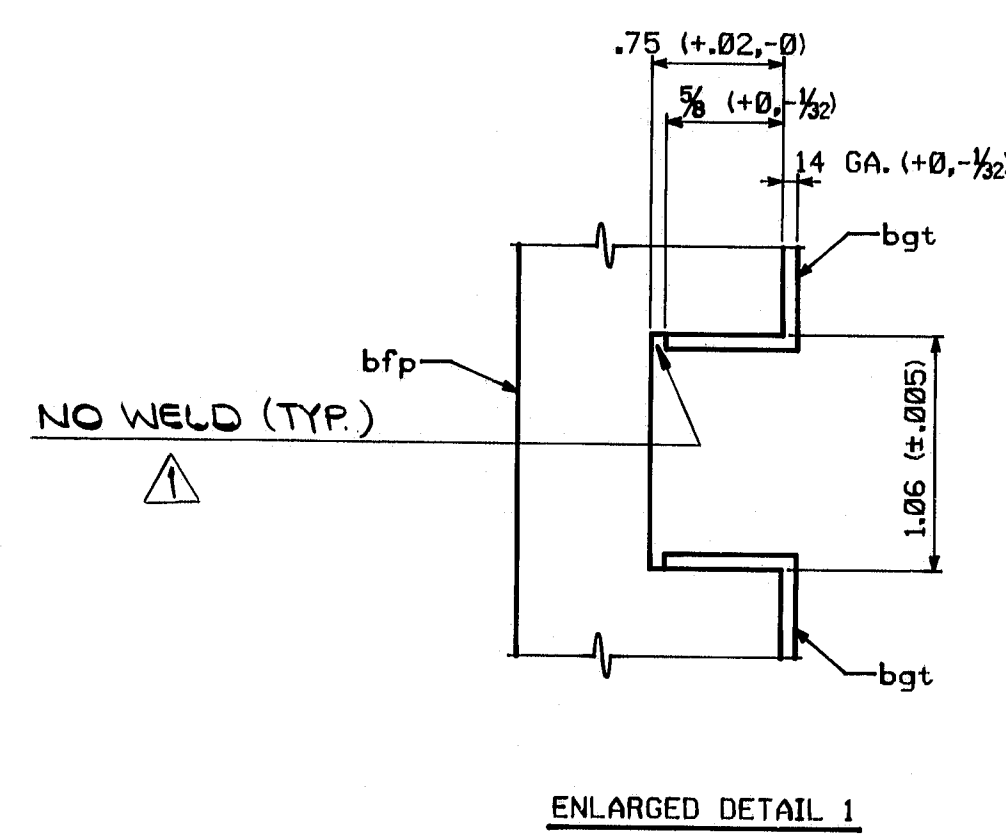
BEARING TYPE N-600(9)

GIRDER	"A"	"B"	"C"
1	2.21	1.87	bcm
2	2.20	1.88	bcn
3	2.19	1.89	bcp
6	2.16	1.92	bce
7	2.15	1.93	bct
8	2.13	1.95	bcw



SOLE PLATES AT PIER 2 - SPAN 3

BEARING TYPE G-600(9) AT GIRDERS 4,5



NOTES:

NOTE "A": SURFACES INDICATED ARE TO BE STRAIGHT AND TRUE; FINISH IF NECESSARY.
NOTE "X": SURFACES INDICATED ARE TO BE MACHINED FLAT TO .01"/FT. (0.04" MAXIMUM).
ALL DIMENSIONS GIVEN THUS: 1.71 ARE DECIMALS OF AN INCH. FOR NOTES AND REFERENCE, SEE DRAWING D-1001-1A AND D-1003-1A. MATERIAL TO BE ASTM A588 (U.N.).

SHOP NOTE

HOLES: AS NOTED
BOLTS: NONE

		FED. ROAD DIST. NO.		STATE	FED. ROAD DIST. NO.	
		1		ME.	1-10-395-8(82)176	
BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SUP. REQ'DT. FA.
MASONRY PLATES						
16	bhf	BAR 4 3/4 x 1"	1	11	FOR BRG. TYPE 600	1E 28
8	bhg	2 28 1/2 x 1.71	2	4 1/2	ASTM A514	1A 8
SOLE PLATES						
FOR BRG. TYPE N-600(9)						
1	bcm	2 2 1/4 x (2.21 x 1.87)	2	2 1/2		1B 20
1	bcn	2 2 1/4 x (2.20 x 1.88)	2	2 1/2		1B 20
1	bcp	2 2 1/4 x (2.19 x 1.89)	2	2 1/2		1B 20
1	bce	2 2 1/4 x (2.16 x 1.92)	2	2 1/2		1B 22
1	bct	2 2 1/4 x (2.15 x 1.93)	2	2 1/2		1B 22
1	bcw	2 2 1/4 x (2.13 x 1.95)	2	2 1/2		1B 22
6	bfb	2 18 3/8 x 14 GA.	2	2	A240 TYPE 304	1C 7
12	bhh	2 4 3/8 x 3 1/2 x (1.14x1.04)	0	6	MACHINED FROM SOLID BLOCK (ASTM A514)	1E 26
SOLE PLATES						
FOR BRG. TYPE G-600(9)						
2	bfp	2 2 1/4 x (2.17 x 1.91)	2	2 1/2		1B 22
4	bgt	2 9 3/8 x 14 GA.	2	2	A240 TYPE 304	1C 17
4	bhh					

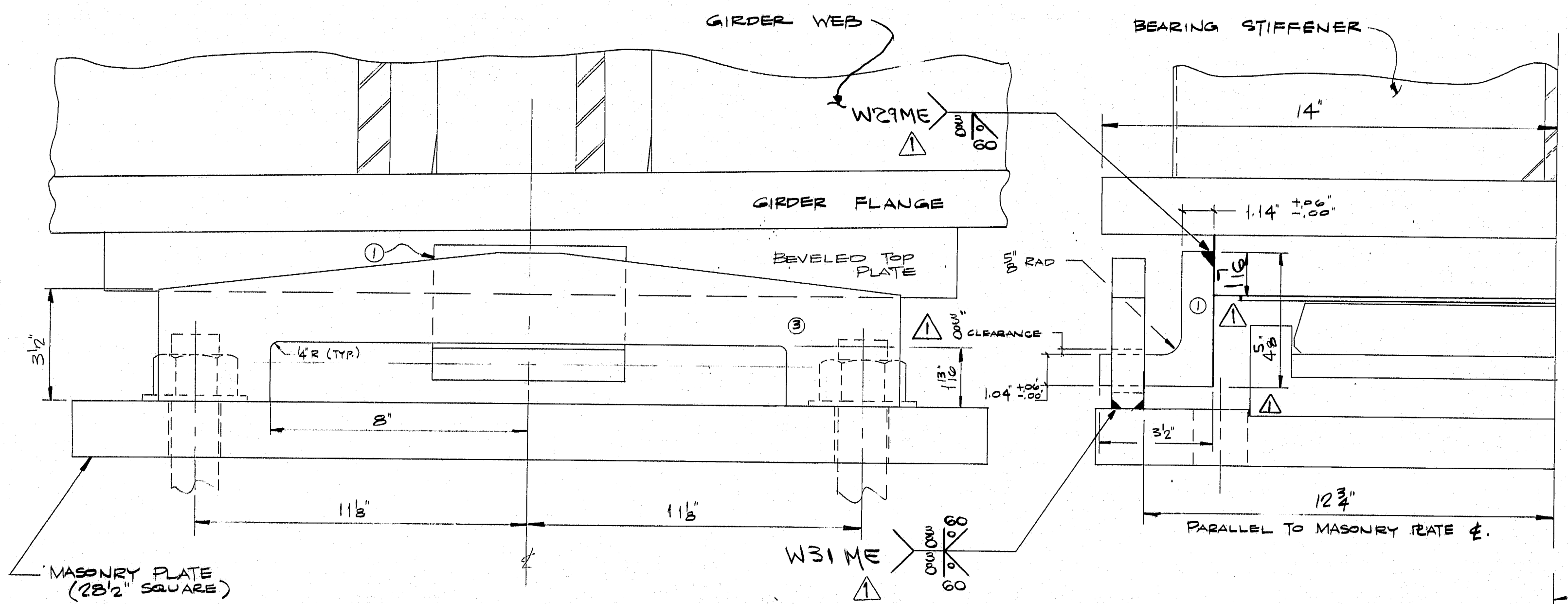
ALL MATERIAL REQUIRED FOR SHIPMENT =

NO.	REVISION	DATE
1	altered as per 10-11-84 app 1	9-28-84
HIGH STEEL STRUCTURES, INC.		
100 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone: 717/299-028		
A Subsidiary of High Industries, Inc.		
POT BEARING DETAILS		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR CIAMBRO CORP.
IN CHARGE: HINKLE	MADE BY: B.J.K.	CHKD BY: JCH. DATE: 8-17-84
CONTRACT NUMBER: ME-84088-2	DRAWING NUMBER: D-1001-1F	

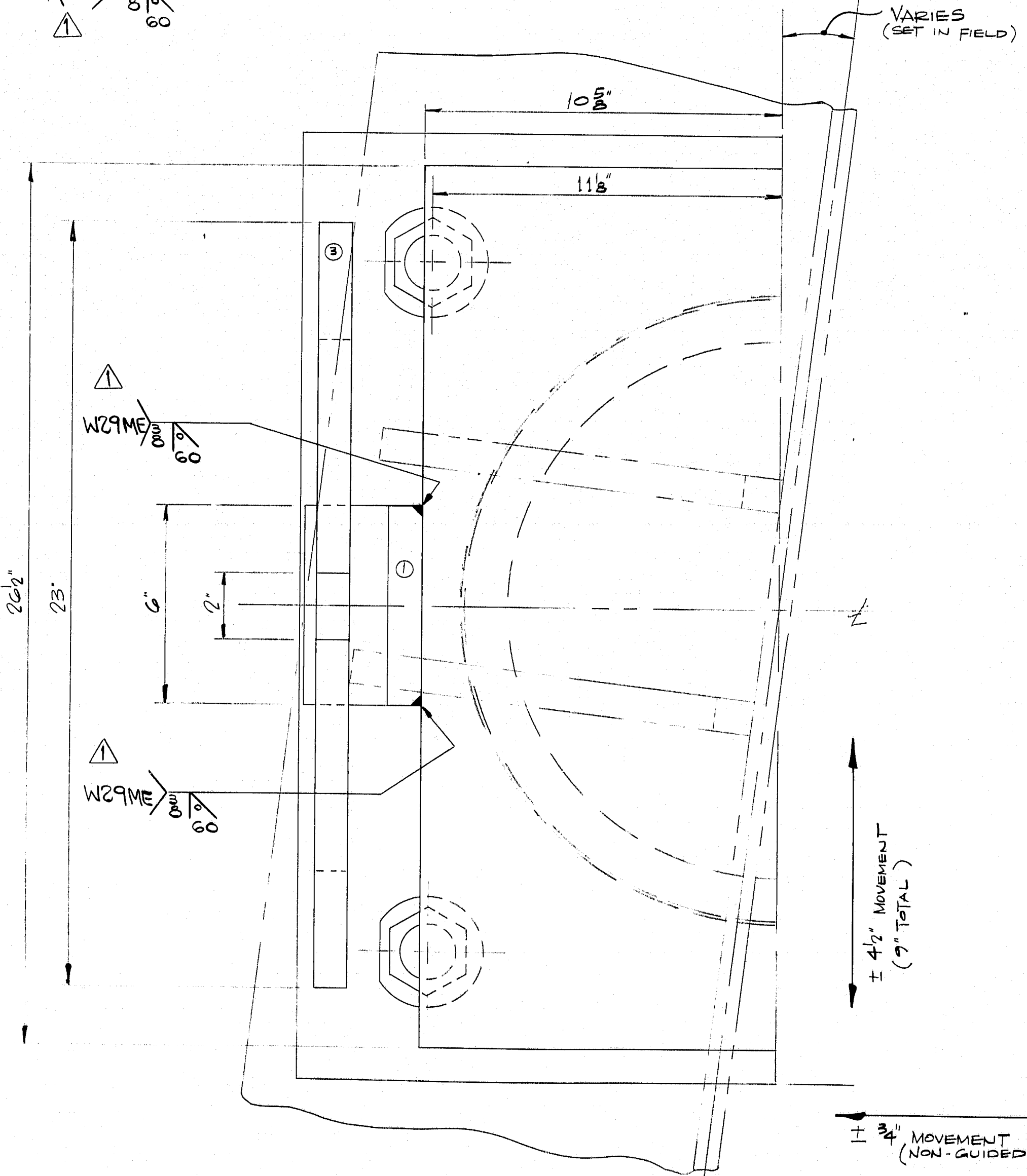
R95-158

CODE:6000

AF 22682A



SIDE ELEVATION



PLAN VIEW
(HALF OF DETAIL SHOWN)

- NOTES:
1. WORK THIS DRAWING WITH D-1001-1A.
 2. UPLIFT PER BEARING: 45K MIN.
 3. DIMENSIONS & CLEARANCES GIVEN ALLOW FOR REMOVAL OF BASE/CYLINDER. ALSO, ALLOWS FOR MOVEMENT TO EXTREME LIMIT AS REQUIRED ON CONTRACT DRAWINGS.

		FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.		
BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	WEIGHT
	①	$4\frac{5}{8} \times 2\frac{1}{2} \times (11\frac{1}{4} \pm .04)$	—	6" $\sqrt{\text{ASTM A514}}$		
	②	$4\frac{3}{4} \times 1"$	11'	MACHINE ANGLE FRONT SLOPE PILE $\sqrt{\text{ASTM A514}}$		
			</			

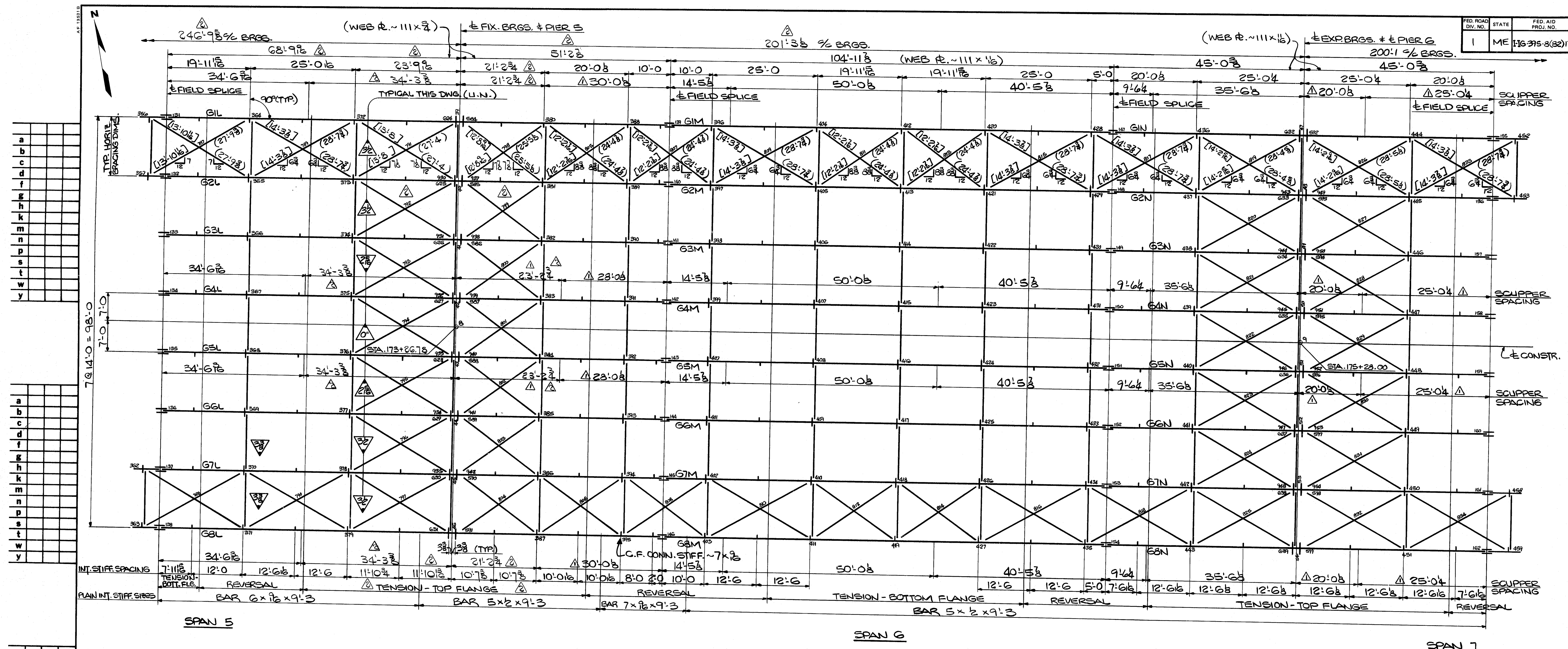
SHOP NOTE

HOLES: REFER TO
BOLTS: DWG. D-1001-1A
PAINT:

R95-159

CODE: 6000

NO. 1	REVISION altered as per 10-11-84 appv	DATE 9-28-84 10-17-84
HIGH STEEL STRUCTURES, INC.		
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-6211		
A Subsidiary of High Industries, Inc.		
STATE OF MAINE - DEPT. OF TRANSPORTATION		
I-395 BRIDGE OVER PENOBSCOT RIVER		
BANGOR - BEEFER PENOBSCOT COUNTY		
UPLIFT DETAILS FOR PIER 2 - SPAN 3		
BEARING DETAILS BY BERMAZ CORP. INT'L, FAIRFIELD, N.J. 07007-4		
STATE CONTRACT OR REF. NO. 6	CONTRACTOR CIANBRO CORP.	
IN CHARGE:	MADE IN U.S.A. CHK. D. BY: B.S.B. BY: DATE: 8-6-84	
CONTRACT ME-84088-1,2,3 DRAWING NUMBER: D-1003-1A		



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FOR FIGURING PLAN NOTES, SEE DWS. WEI ON CONTRACT # ME-84088-1.
 FOR WELDING OF INT. STIFFS. & G.F. CONN. STIFFS., SEE DWS. WEI ON CONTRACT # ME-84088-1.
 WORK THIS DWS. WITH DWS. WEI THRU WE

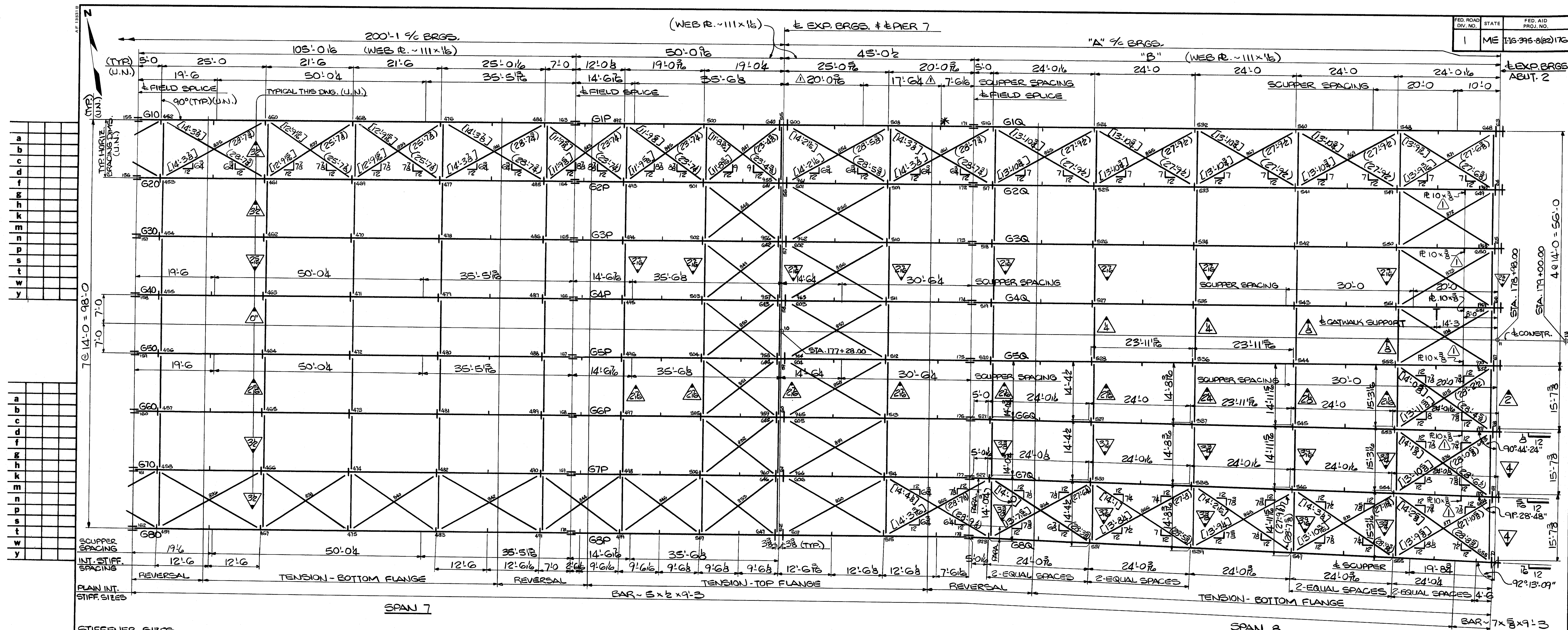
NO.	REVISION	DATE
1	Revised span length & bracing for Span 5	1-12-85
2	CONTRACT REVISION CONTROL #14	DATE 9-11-84

HIGH STEEL STRUCTURES, INC.
 1905 Old Philadelphia Pike
 Lancaster, Pennsylvania 17603
 Phone 717/299-8211
 A Subsidiary of High Industries, Inc.

FIGURING PLAN - SPANS 5, 6, & 7
 I-395 BRIDGE OVER PENOBSCOT RIVER
 I-395 BRIDGE STA. 164+60.00
 PENOBSCOT COUNTY
 STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION

STATE CONTRACT OR REF. NO. **G** CONTRACTOR **CIANBRO CORP.**
 IN CHARGE **HINKLE** MADE BY **EJK** CHK. D. **JLC** DATE **7-10-84**
 CONTRACT NUMBER **ME-84088-3** DRAWING NUMBER **WSI**

R95-160



STIFFENER SIZES
 BEARING STIFFS. ~ PIER 7 ~ 10 x 1
 ABUT. 2 ~ 9 x 1
 C.F. CONN. STIFFS. ~ 7 x 2
 PLAIN INT. STIFFS. ~ AS NOTED
 STIFFENER CORNER CUPS
 BRG. STIFFS. ~ 12 x 32
 OTHERS ~ 32 x 32

LINE	"A"	"B"
G1	170'-0 3/8	125'-0 3/8
G2	170'-0 3/8	125'-0 3/8
G3	170'-0 3/8	125'-0 3/8
G4	170'-0 3/8	125'-0 3/8
G5	170'-0 3/8	125'-0
G6	170'-0 3/8	125'-0 1/2
G7	170'-1	125'-0 1/2
G8	170'-1 1/2	125'-1 1/2

WORK THIS DWG. WITH DWGS. WE1 & WE3

NO. 1 REVISION CONTRACT REVISION CONTROL #14 DATE 9-11-84

HIGH STEEL STRUCTURES, INC.
 1805 Old Philadelphia Pkwy
 Lancaster, Pennsylvania 17603
 Phone 717/299-5211
 A Subsidiary of High Industries, Inc.

FIGURING PLAN ~ SPANS 7 & 8
 I-395 BRIDGE OVER PENOBSCOT RIVER
 I-395 BRIDGE STA. 164+60.00
 PENOBSCOT COUNTY
 STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION

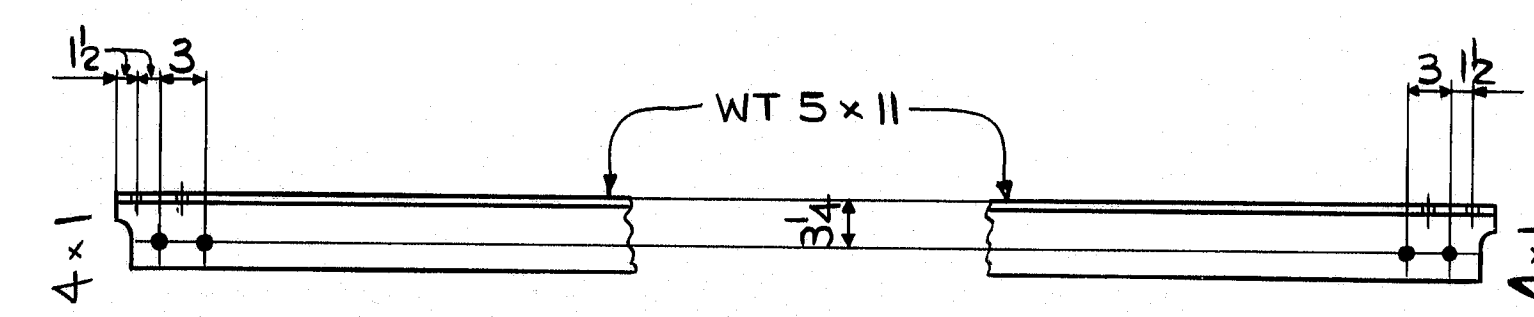
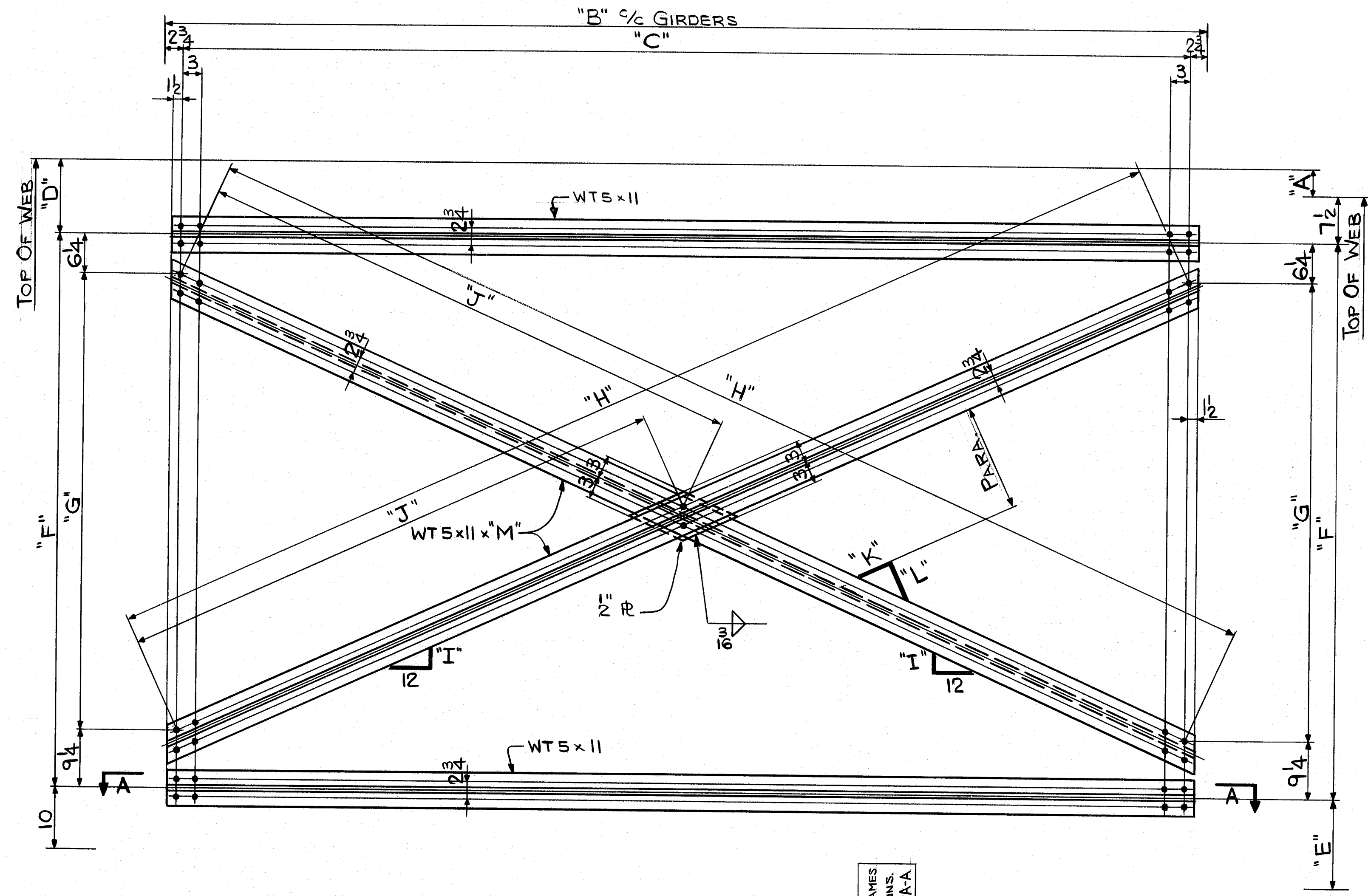
STATE CONTRACT OR REF. NO. 6 CONTRACTOR CIANERO CORP.

IN CHARGE HINKLE MADE BY BLK CHK'D BY JLC DATE 7-10-84

CONTRACT NUMBER ME-84088-3 DRAWING NUMBER WS2

R95-161

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.
1	ME.	IG-395-8(82)176



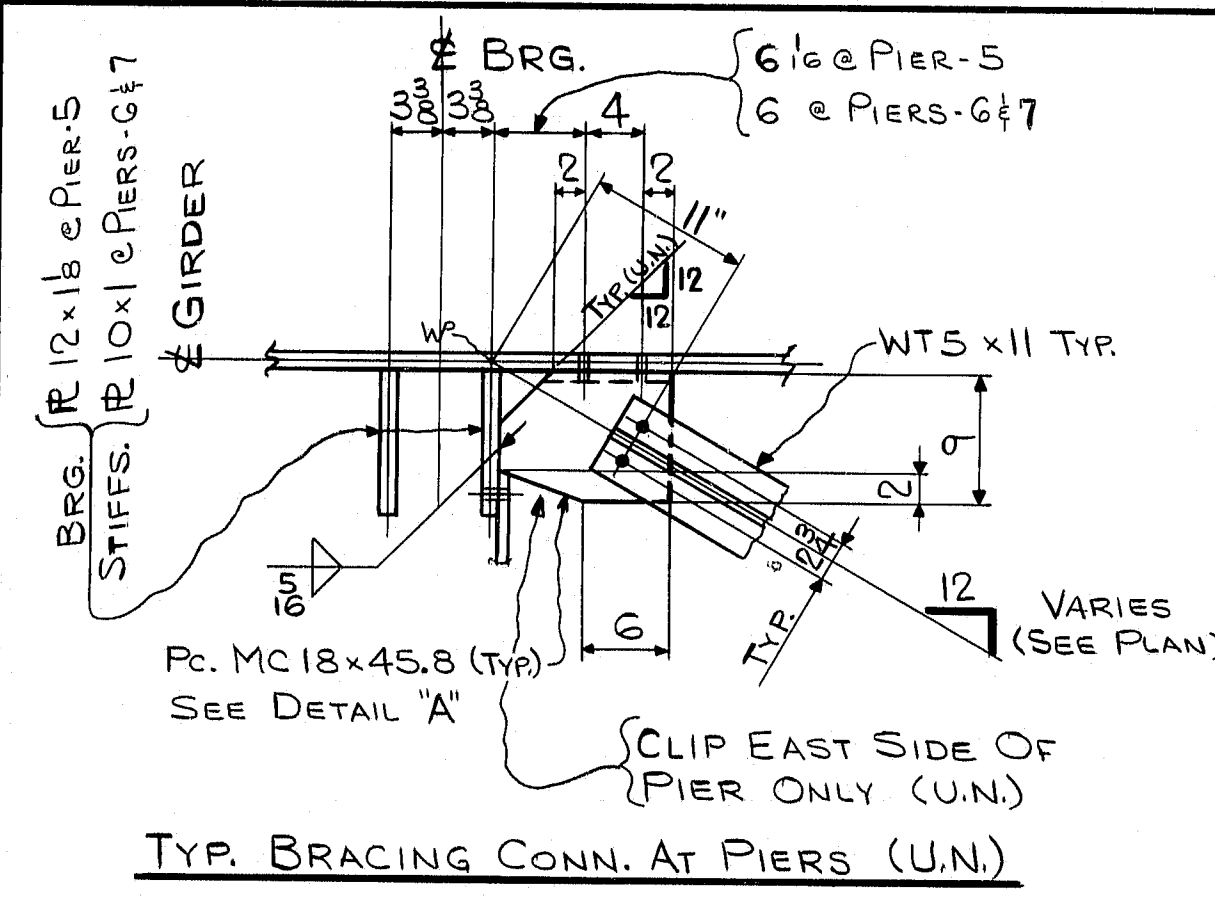
SECTION A-A
FOR FRAMES WITH H.B. CONNS. SEE CHART

"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"	"J"	"K"	"L"	"M"	NO. OF FRAMES WITH CONNS. SEE SPEC. A-A
2 1/8	14'-0"	13'-6 1/2"	9 1/8	11'-0 1/8"	7'-7 3/8"	6'-3 1/8"	14'-11 1/4"	5 1/8	7'-5 3/8"	10 1/8	12	15'-5 1/4"	4
2 1/8			9 1/8	11'-0 1/8"	7'-7 3/8"	6'-3 1/8"	14'-11 1/4"	5 1/8	7'-5 3/8"	10 1/8	12	15'-5 1/4"	3
3 3/8			10 3/8	11'-1 3/8"	7'-6 3/8"	6'-2 3/8"	14'-10 1/8"	5 1/8	7'-5 1/8"	10 1/8	12	15'-4 3/4"	1
3 1/2	14'-0"	13'-6 1/2"	11	11'-1 1/2"	7'-6"	6'-2 1/2"	14'-10 3/4"	5 1/2	7'-5 3/8"	10 1/8	12	15'-4 1/8"	44
2 1/8	14'-4 1/2"	13'-11"	9 1/8	11'-0 1/8"	7'-7 3/8"	6'-3 1/8"	15'-3 3/8"	5 1/8	7'-7 1/8"	10 1/8	12	15'-9 1/4"	0
3 1/8	14'-4 1/2"	13'-11"	10 1/8	11'-1 1/8"	7'-6 1/8"	6'-2 1/8"	15'-2 3/8"	5 3/8	7'-7 1/8"	10 3/8	12	15'-8 3/4"	1
2 1/4	14'-8 1/8"	14'-2 1/8"	9 3/4	11'-0 1/4"	7'-7 1/4"	6'-3 3/4"	15'-6 3/4"	5 1/8	7'-9 3/8"	10 3/8	12	16'-0 1/8"	0
3 3/8	14'-8 1/8"	14'-2 1/8"	10 3/8	11'-1 3/8"	7'-6 3/8"	6'-2 3/8"	15'-6 1/8"	5 1/4	7'-9 3/8"	11 3/8	12	16'-0 1/8"	1
3 3/4	14'-8 1/8"	14'-2 1/8"	11 1/4	11'-1 3/4"	7'-5 3/4"	6'-2 1/4"	15'-6 1/4"	5 1/4	7'-9 1/8"	11 1/8	12	15'-11 1/8"	0
2 3/8	14'-11 1/8"	14'-6 1/8"	9 3/8	11'-0 3/8"	7'-7 3/8"	6'-3 3/8"	15'-10 1/4"	5 1/4	7'-11 3/8"	11 3/8	12	16'-4"	0
3 3/8	14'-11 1/8"	14'-6 1/8"	11 1/8	11'-1 1/8"	7'-5 1/8"	6'-2 1/8"	15'-9 3/8"	5 3/8	7'-10 1/8"	11 3/8	12	16'-3 3/8"	1
2 1/8	15'-3 1/8"	14'-10 1/8"	9 1/8	11'-0 1/8"	7'-7 1/8"	6'-3 1/8"	16'-1 1/8"	5 3/8	8'-0 3/8"	11 3/8	12	16'-7 3/8"	1
3 3/4	15'-3 1/8"	14'-10 1/8"	11 1/4	11'-1 3/4"	7'-5 3/4"	6'-2 1/4"	16'-1 1/8"	5	8'-0 1/2"	11 3/8	12	16'-6 1/8"	2

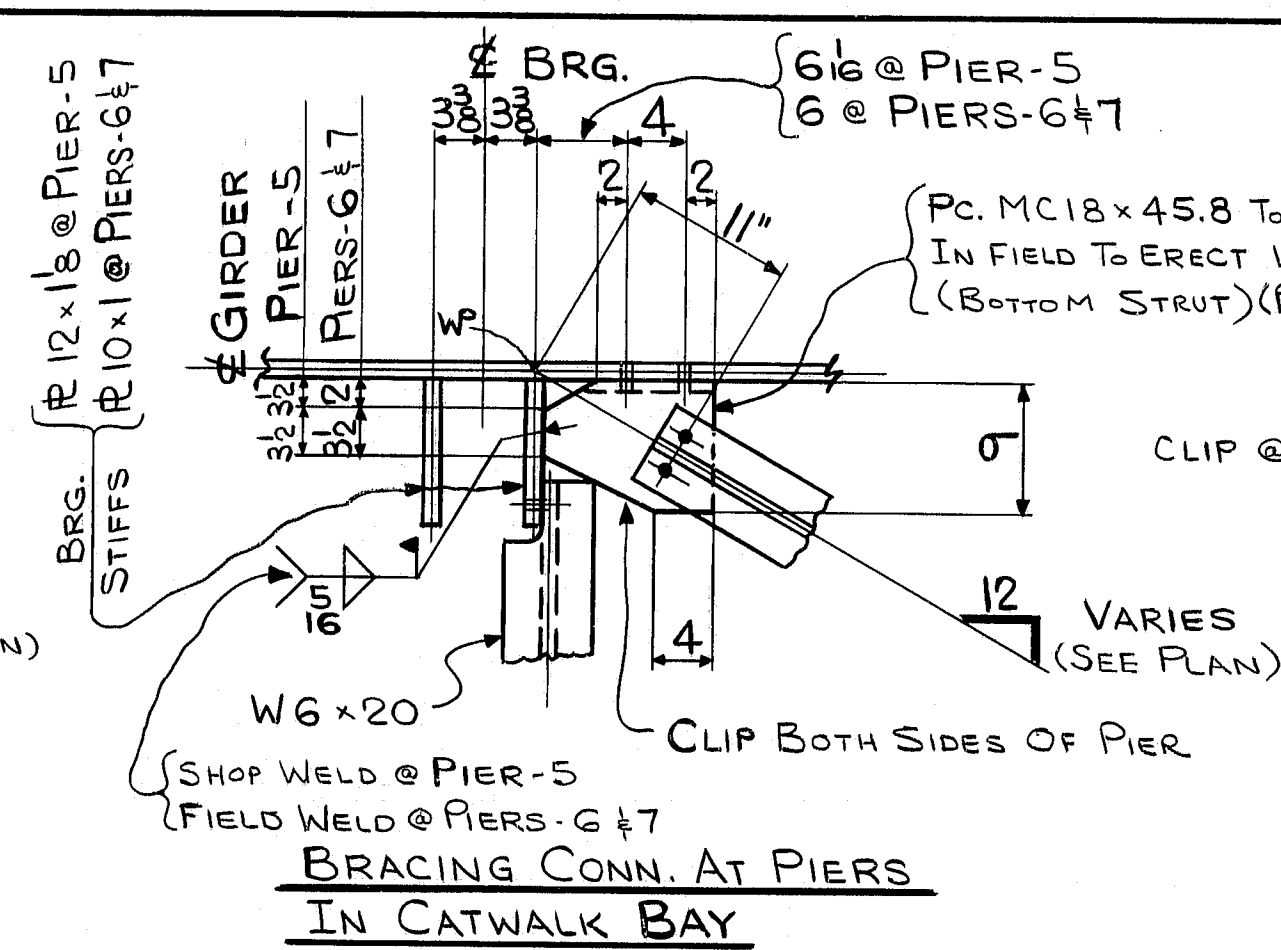
R95-162

WORK THIS DWG. WITH DWGS. WS1, WS2, & WS5

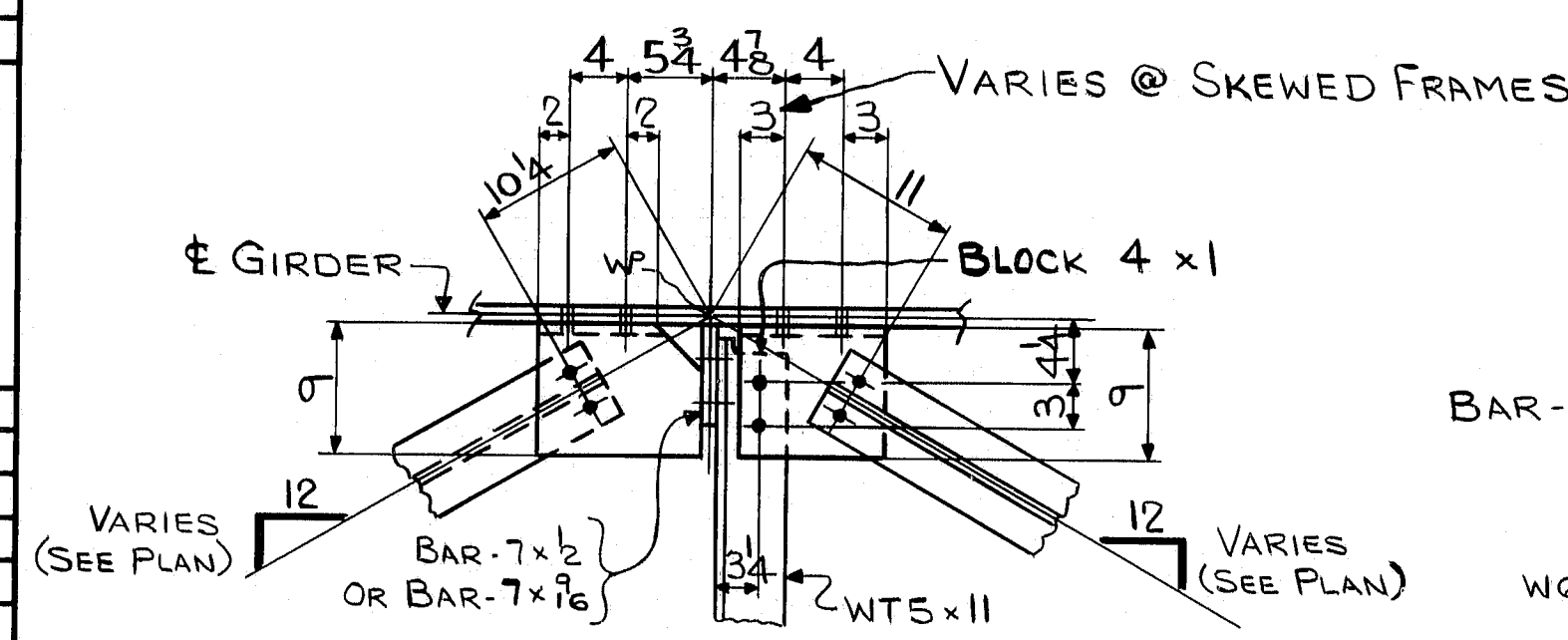
NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC.		
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211		
A Subsidiary of High Industries, Inc.		
INT. CROSSFRAME LAYOUTS (M)		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR CIAMBRO CORP.
IN CHARGE: HINKLE	MADE BY: JLC	CHK'D BY: BJK
CONTRACT NUMBER: ME-84088-3	DRAWING NUMBER: WS3	DATE: 7-25-84



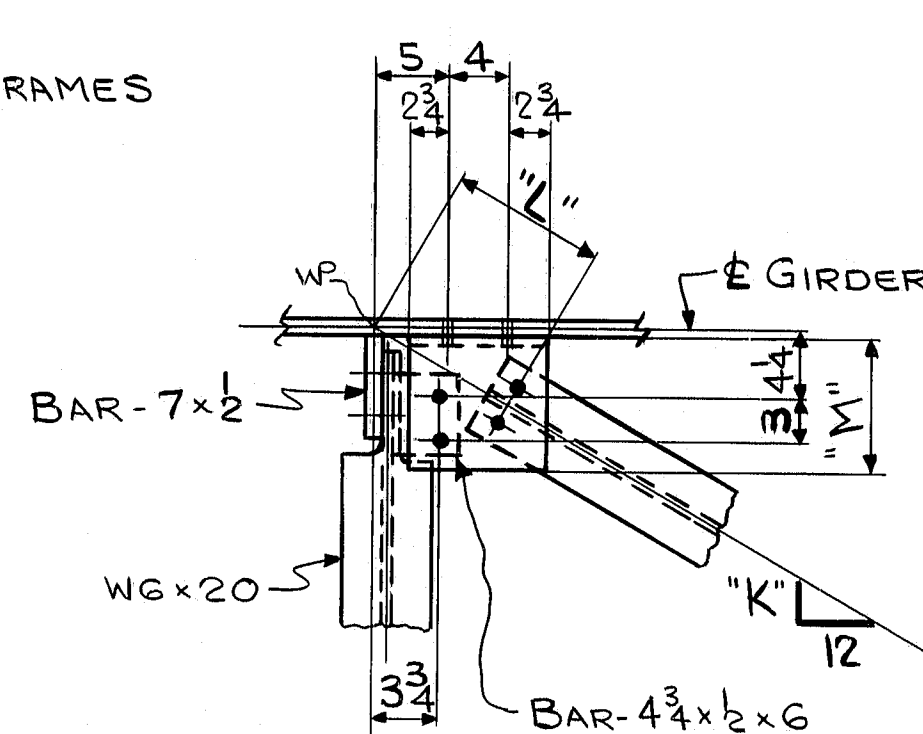
TYP. BRACING CONN. AT PIERS (U.N.)



BRACING CONN. AT PIERS IN CATWALK BAY



TYP. BRACING CONN. (U.N.)

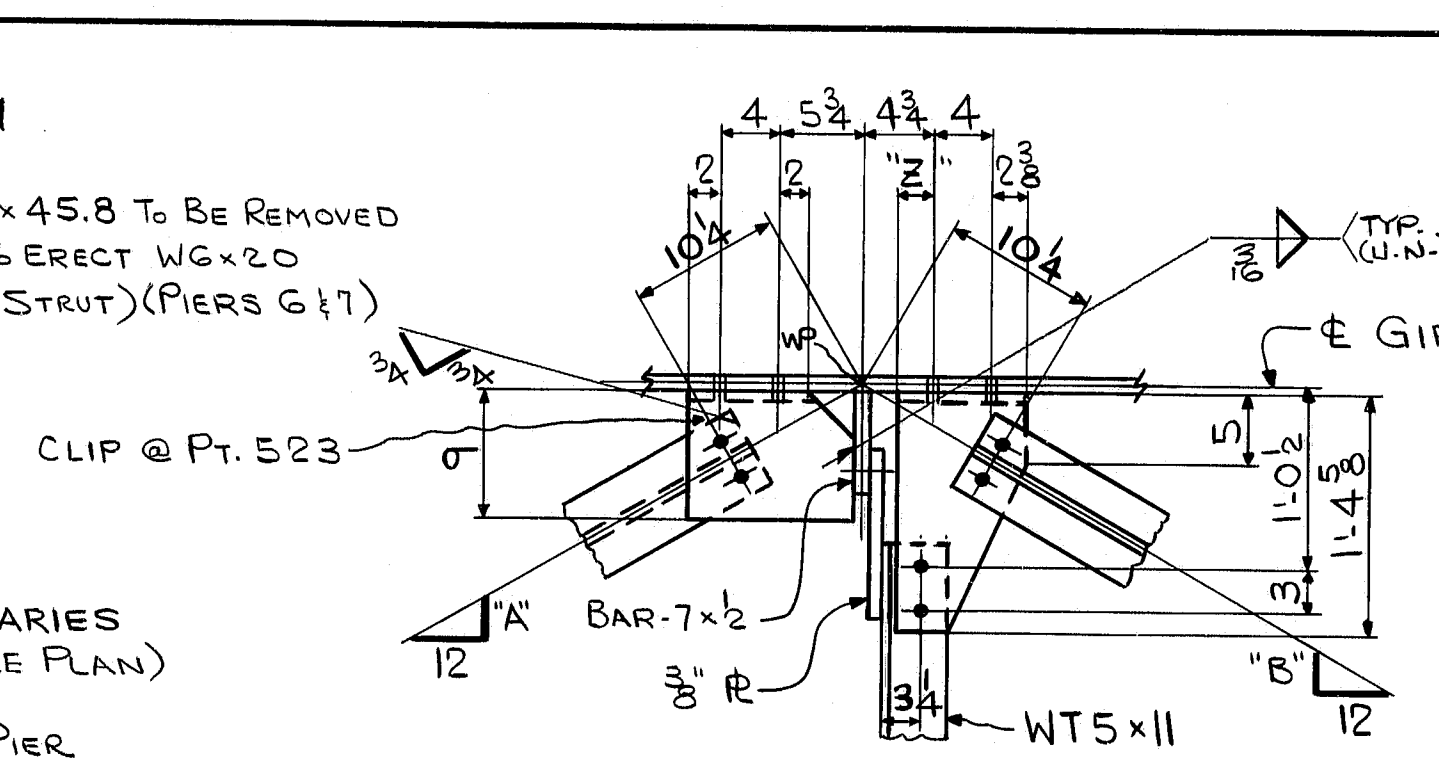


BRACING CONN. IN CATWALK BAY (U.N.)

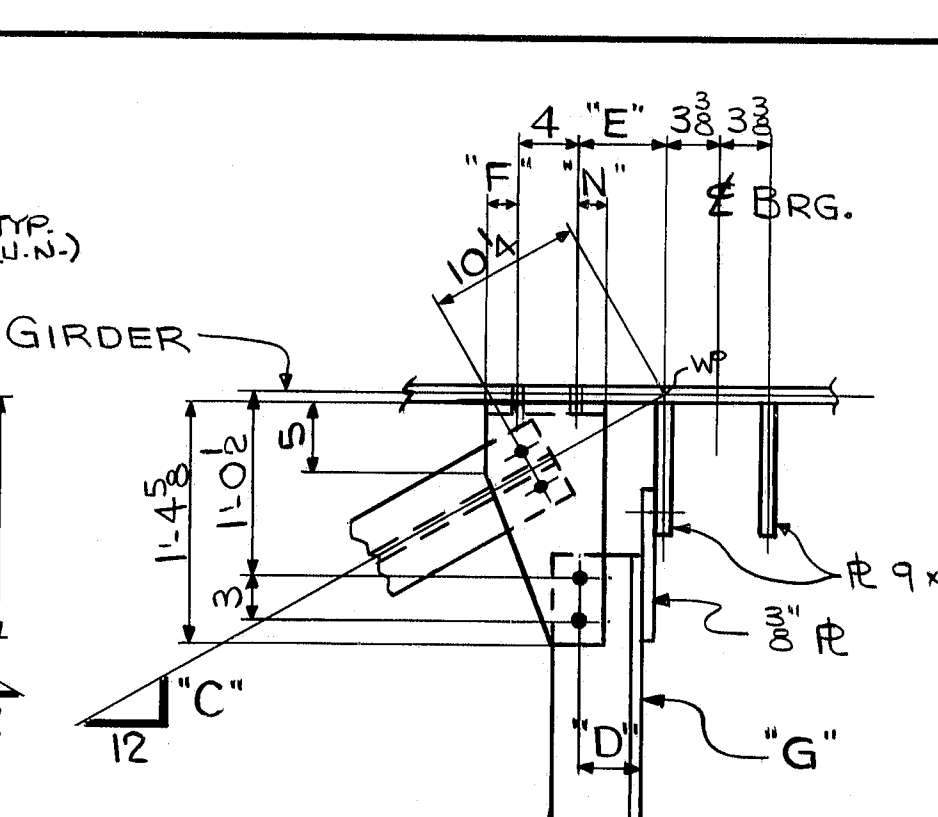
NOTE:

CROSSFRAMES BETWEEN GIRDERS G7Q & G8Q IN SPAN-8 ARE SKEWED (SEE PLAN)

POINT	"K"	"L"	"M"
375, 376, 439, & 440	6 3/4	10 1/4	9
503 & 504	9	11 1/2	9 1/2
551 & 552	7	10 1/2	9

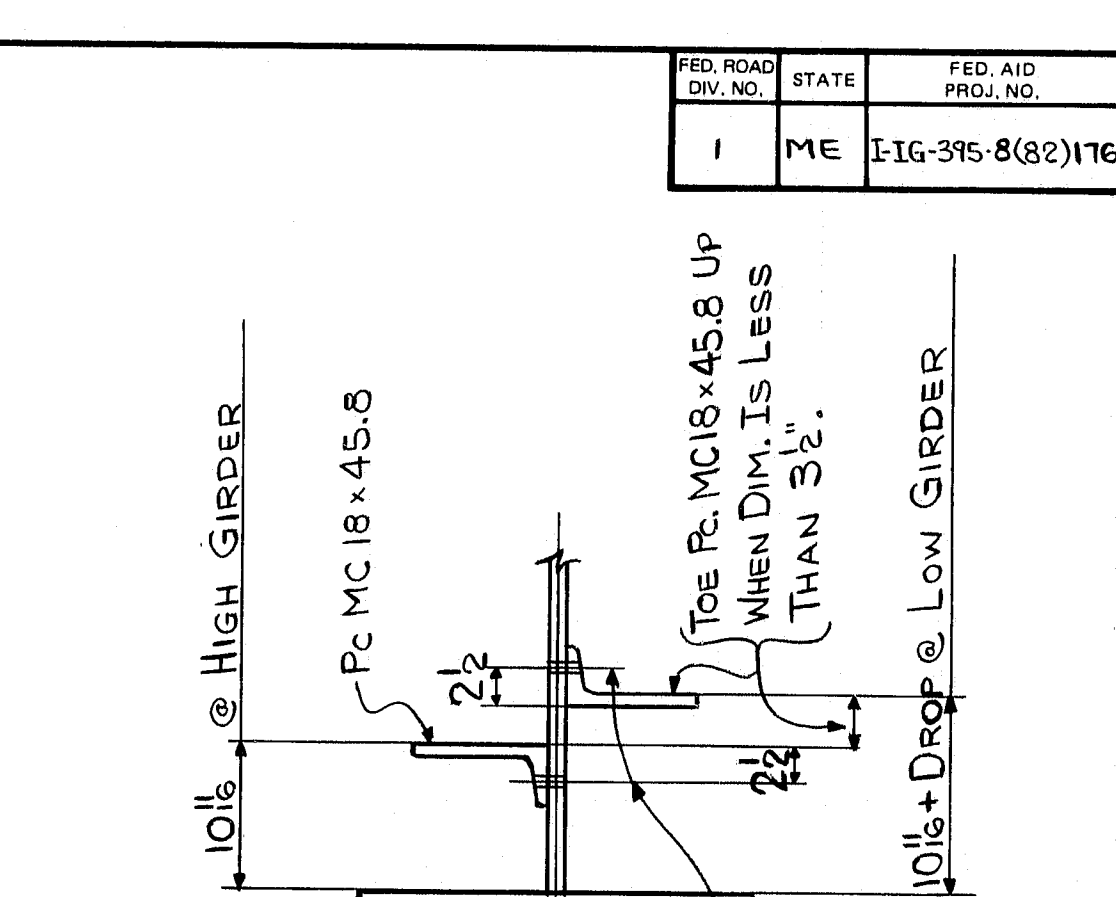


POINT	"A"	"B"	"Z"
396, 397, 402, & 403	8 3/8	6 3/4	2 3/8
452, 453, 458 & 459	6 3/4	7 1/8	2 3/8
516 & 517	6 3/4	7	2 3/8
* 522	7 1/8	7 1/8	2 3/8
* 523	6 1/4	7 1/8	3

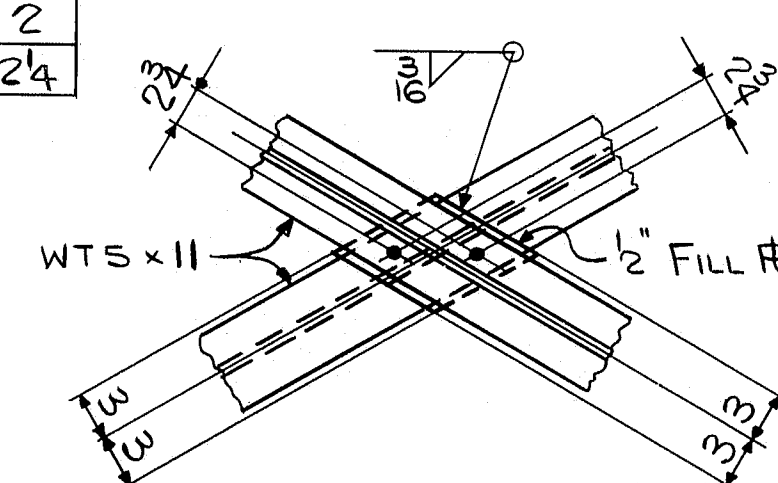


POINT	"C"	"D"	"E"	"F"	"G"	"N"
648, 649, 650, 651, 967, 968, 969, 970	7	3 1/4	4 1/8	2 1/4	WTS x 11	2 1/4
652	7 1/8	5	6 3/8	2	WT 1 x 21.5	2
* 971 & 972 *	7 1/8	5	6 3/8	2	WT 1 x 21.5	2
G54 *	7 1/8	5	6 3/8	2	WT 1 x 21.5	2 3/8
G55 *	7 1/8	5	6 3/8	2	WT 1 x 21.5	2
G53 *	7 1/8	5	6 3/8	2	WT 1 x 21.5	2 1/4

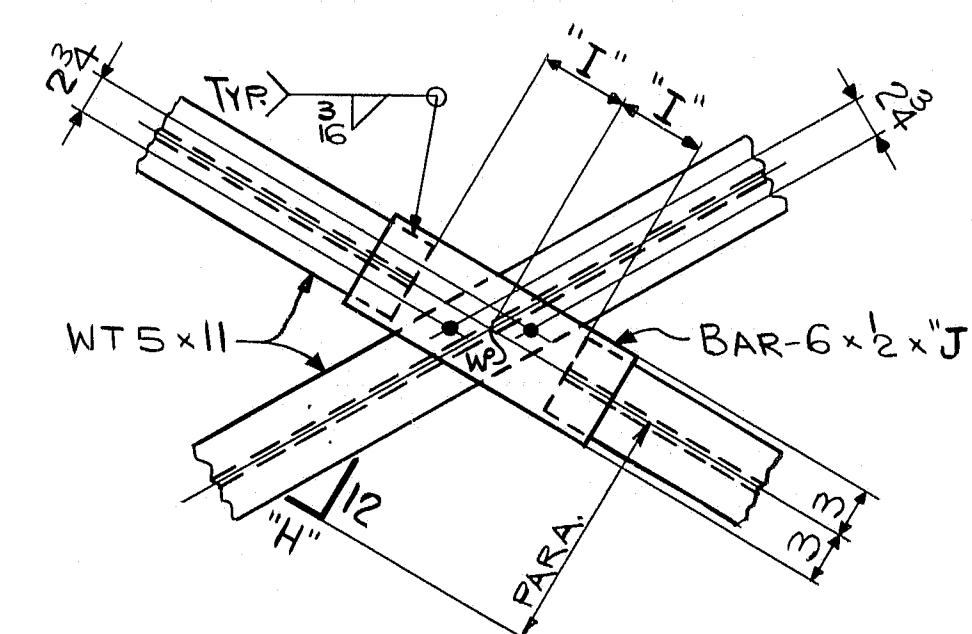
* INDICATES CROSSFRAME SKEWED (SEE PLAN)



DETAIL "A"



TYP. BRACING INTERSECTION CONN. (U.N.)



POINT	"H"	"I"	"J"
794	6 1/2	5 1/2	1 1/2
822, 829, 857	7 1/8	6	1 1/2
801	5 1/8	5 1/4	1 1/2
850	3 1/8	4 1/4	1 1/4
874	6 1/8	5 1/4	1 1/2

NO.	REVISION	REVISION	DATE
1	REVISION	Revised span length	DATE 1-12-83
2	REVISION	Construction joint moved	DATE 1-19-84

HIGH STEEL STRUCTURES, INC.

1905 Old Philadelphia Pike
Lancaster, Pennsylvania 17603
Phone 717/299-5211

A Subsidiary of High Industries, Inc.

BRACING LAYOUTS

I-395 BRIDGE OVER PENOBSCOT RIVER

I-395 BRIDGE STA. 164+60.00

PENOBSCOT COUNTY

STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

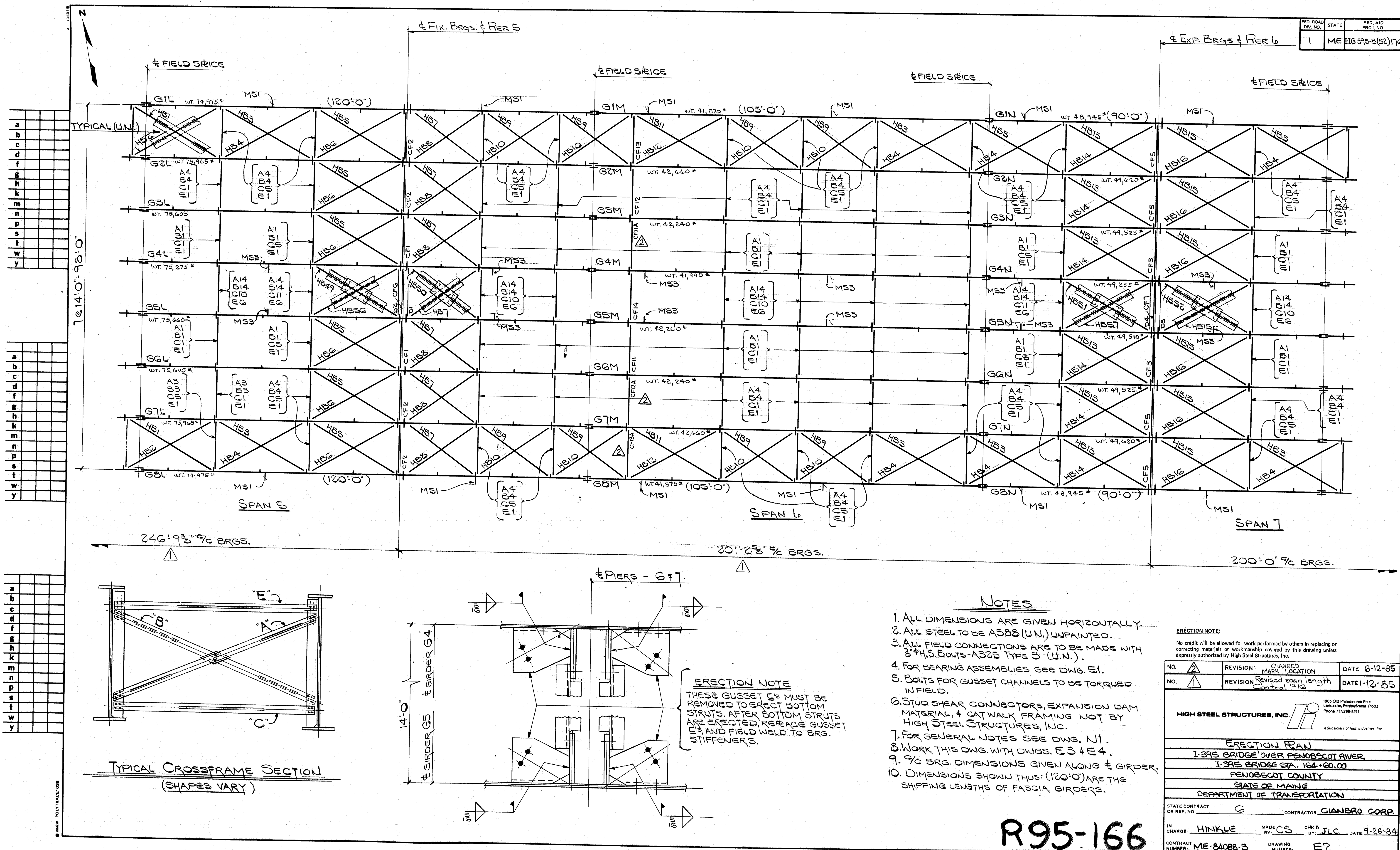
STATE CONTRACT OR REF. NO. 6 CONTRACTOR CIANBRO CORP.

IN CHARGE HINKLE MADE BY JLC CHK'D BY BJK DATE 7-26-84

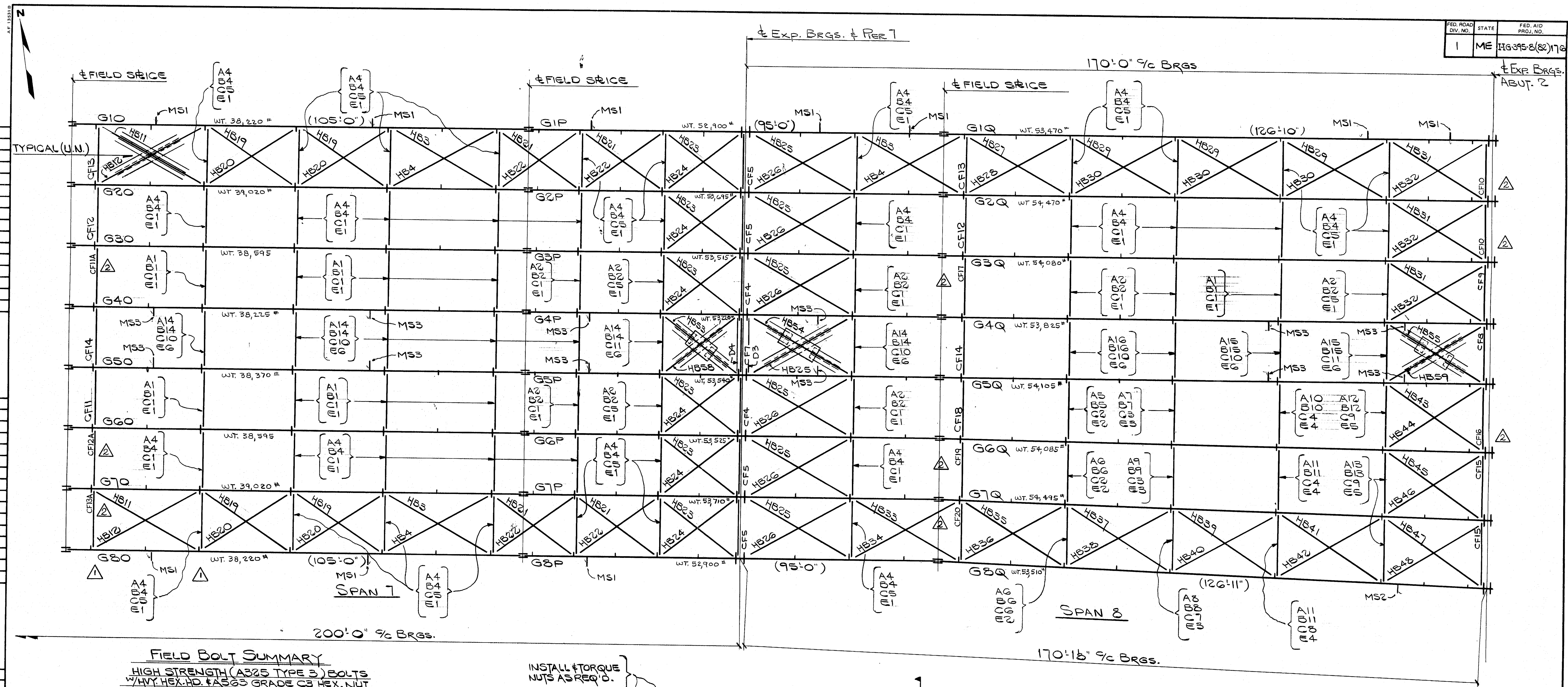
CONTRACT ME-84088-3 DRAWING NUMBER WSS

R95-164

WORK THIS DWG. WITH DWGS. WSI THRU WS4



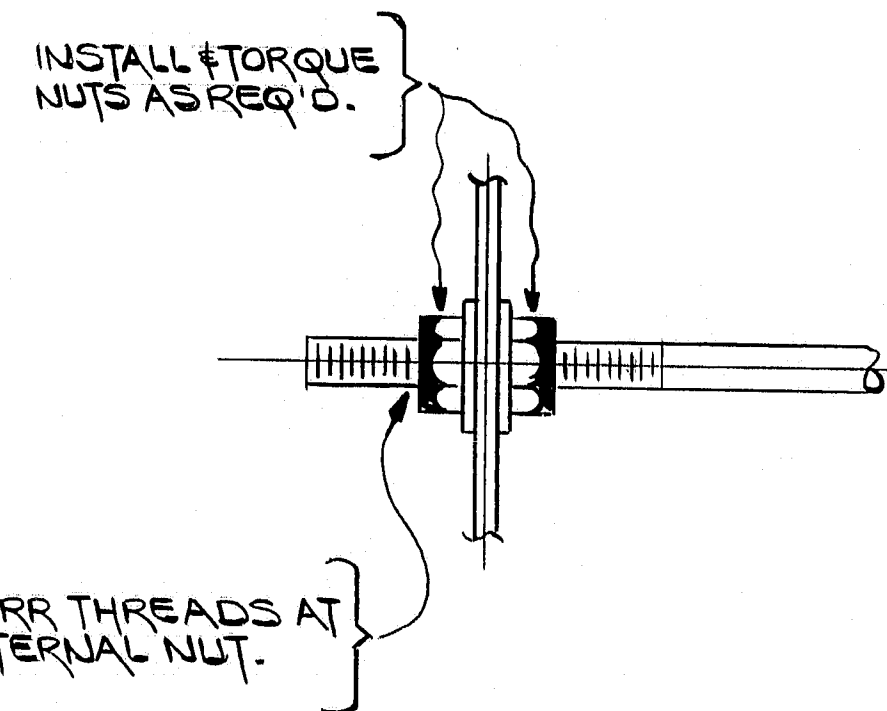
R95-166



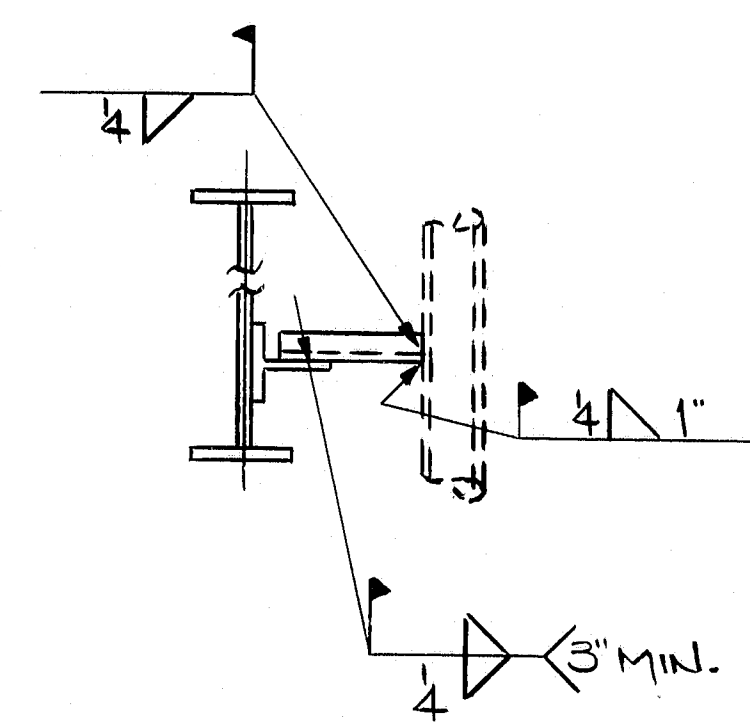
FIELD BOLT SUMMARY
HIGH STRENGTH (A325 TYPE 3) BOLTS
W/ H.V. HEX. HD. F436 GRADE C3 HEX. NUT

640-3/4" H.S. BOLTS	x 0'12" LG.
5750-	x 0'24" LG.
570-	x 0'28" LG.
520-	x 0'28" LG.
5635-	x 0'3" LG.
135-	x 0'3 1/2" LG.
400-	x 0'3 3/4" LG.
640-	x 0'4" LG.
470-	x 0'4 1/4" LG.
235-	x 0'4 1/2" LG.
400-3/4" H.S. BOLTS	x 0'4 3/4" LG.

15,395 HARD FLAT WASH FOR 3/4" H.S. BOLTS (F436 WEATHERING)
165-HEX. NUTS FOR 1" H.S. BOLTS (A563 GR C3) FOR HANDRAIL
165-HARD FLAT WASH FOR 1" H.S. BOLTS (WEATHERING) AT FIELD SPICES



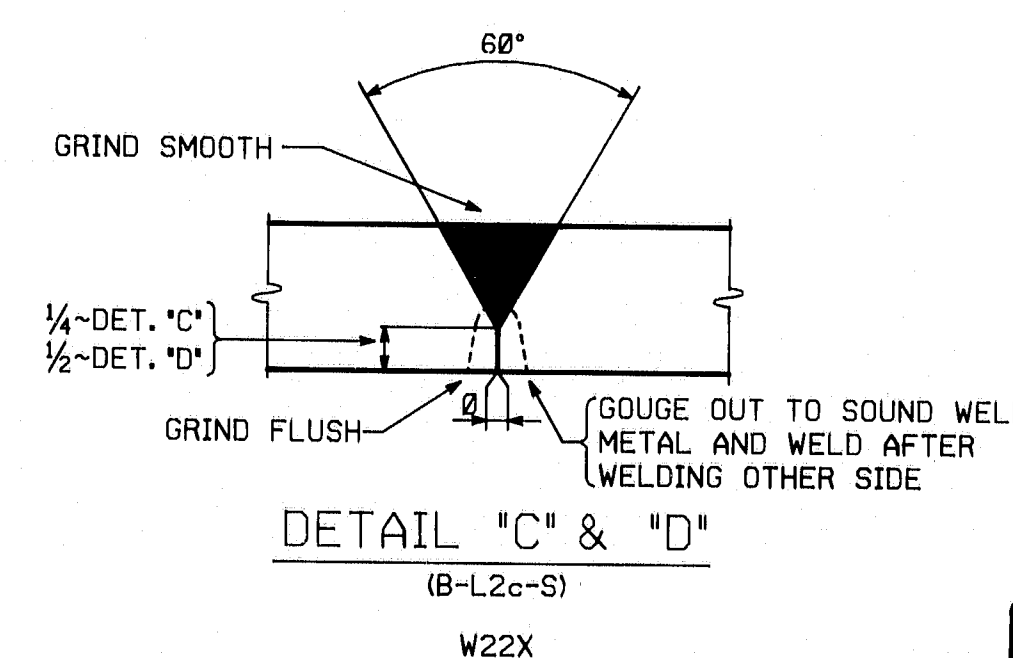
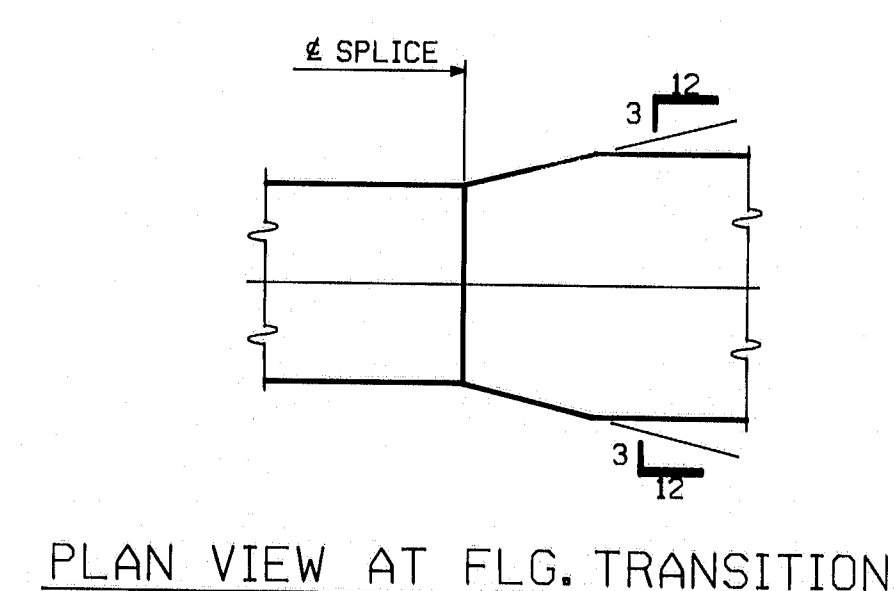
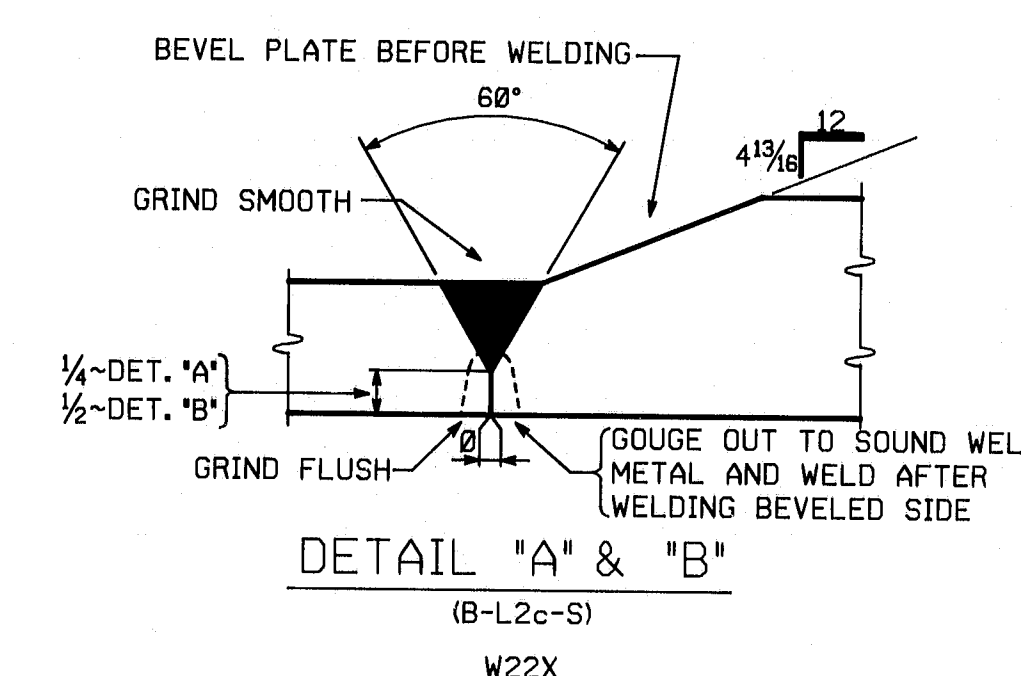
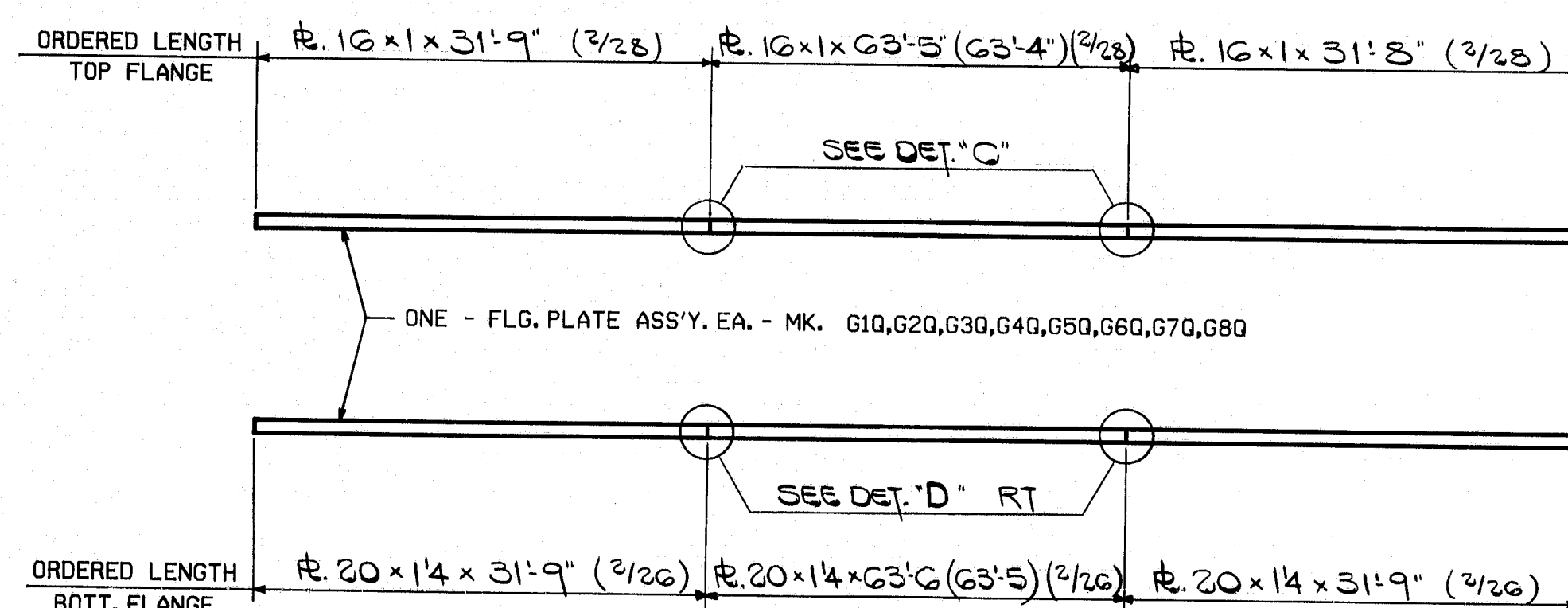
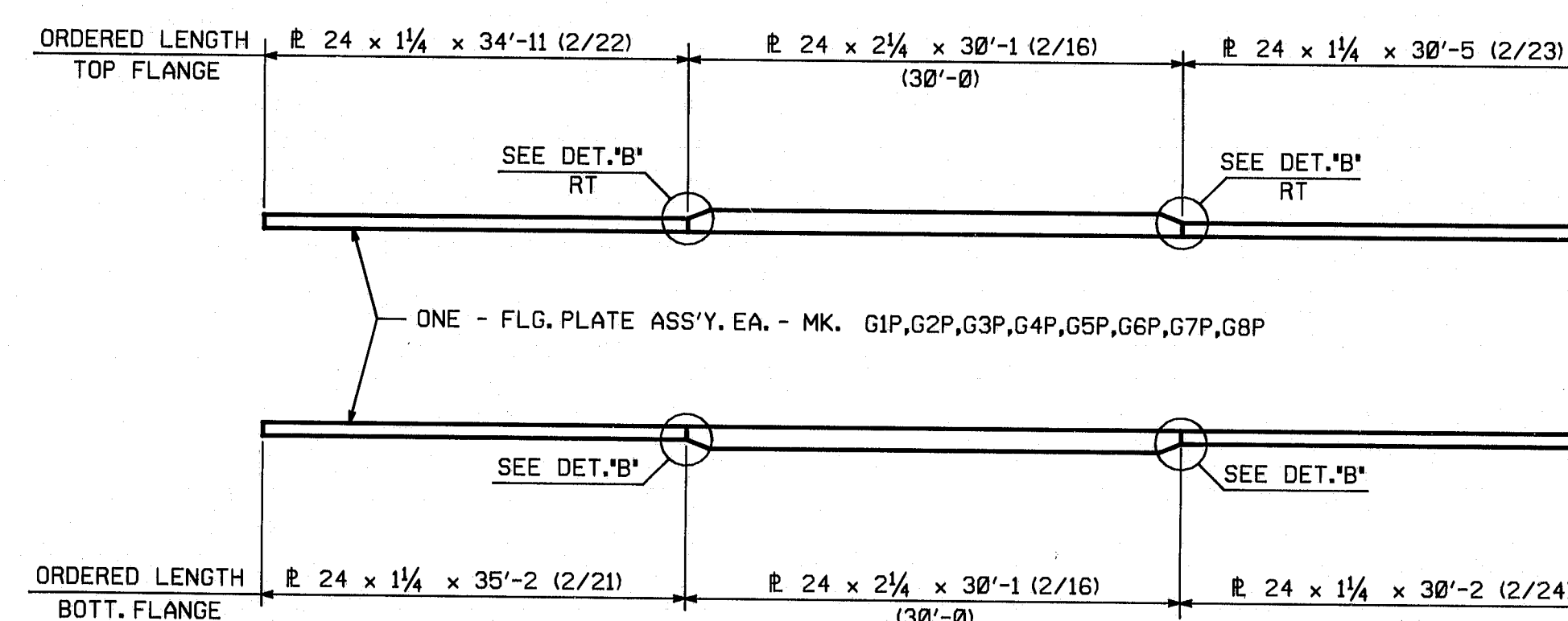
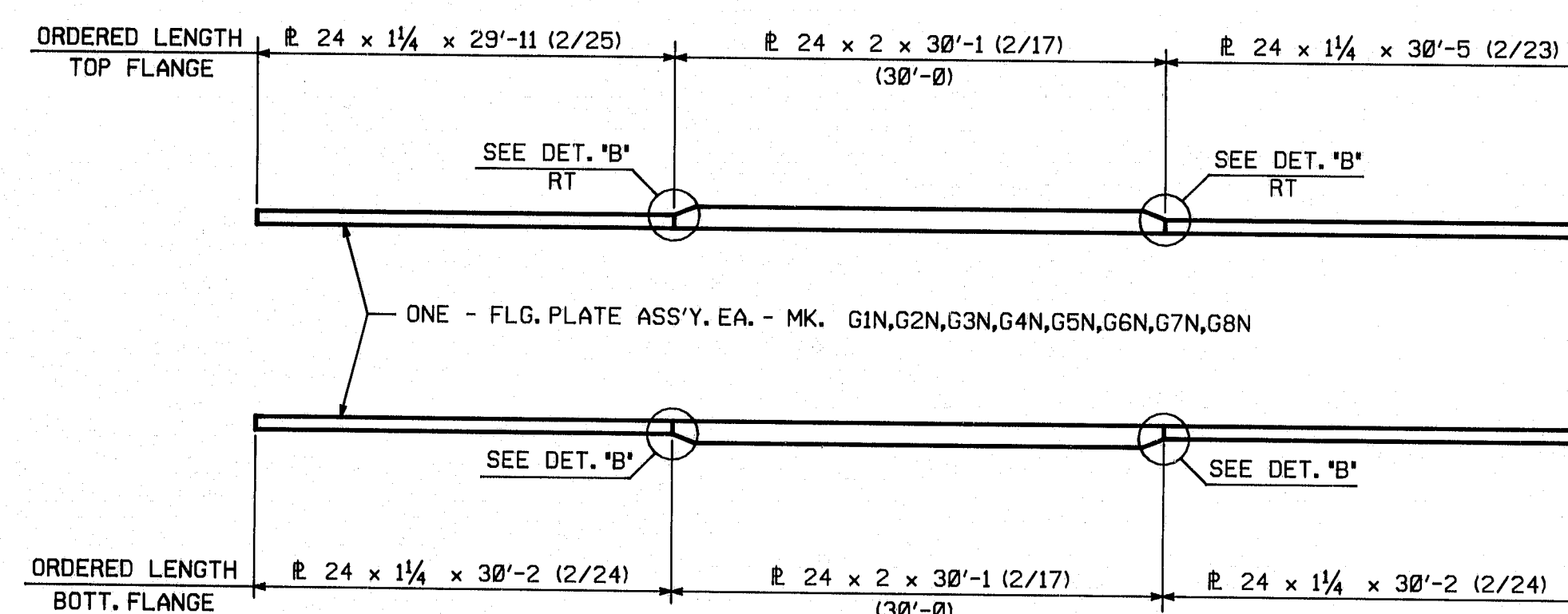
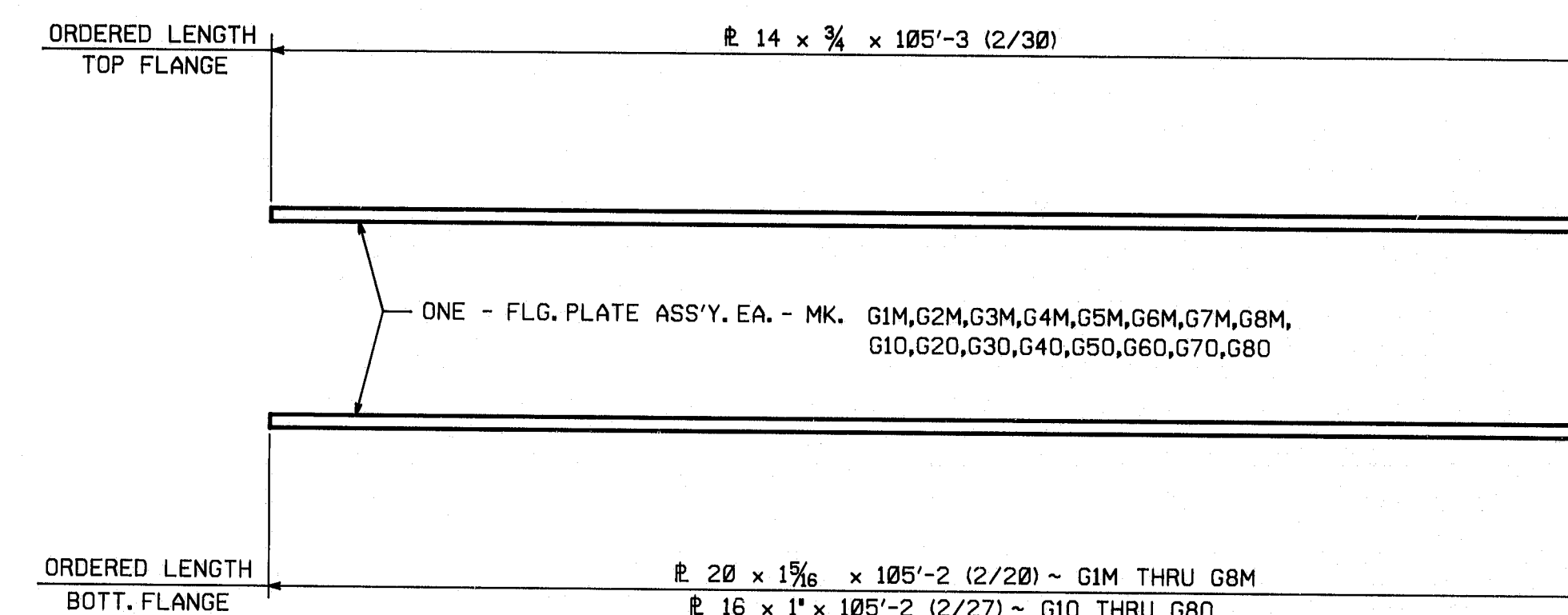
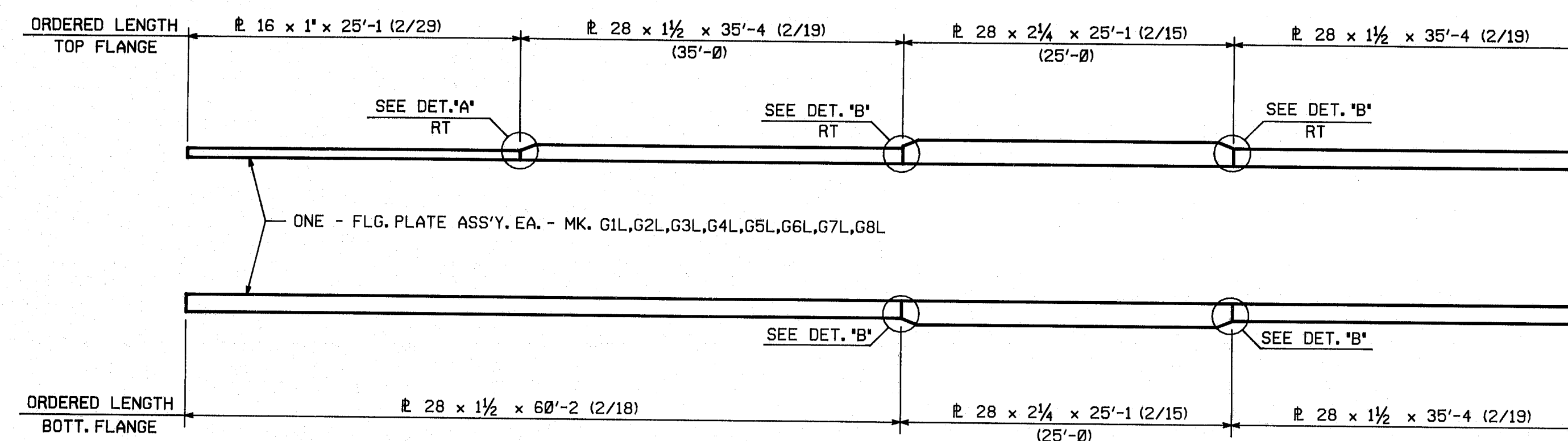
HANDRAIL TERMINATION



WORK THIS DWG. WITH DWGS. E2 & E4.

NO. 1	REVISION	CHANGED MARK	LOCATION	DATE 6-12-85
NO. 2	REVISION	MOVED CENTER JOINT	CONTROL #15	DATE 11-19-84
HIGH STEEL STRUCTURES, INC. 1905 Old Philadelphia Pike Lansdale, Pennsylvania 17033 Phone 717/296-5511 A Subsidiary of High Industries, Inc.				
ERECTOR RAN I-395 BRIDGE OVER PENOBSCOT RIVER I-395 BRIDGE STA. 164+60.00 PENOBSCOT COUNTY STATE OF MAINE DEPARTMENT OF TRANSPORTATION				
STATE CONTRACT OR REF. NO. G CONTRACTOR CIANERO CORP.				
IN CHARGE HINKLE MADE BY CS CHK'D BY JLC DATE 9-26-84				
CONTRACT NUMBER ME-84088-3 DRAWING NUMBER E3				

R95-167



NOTES:

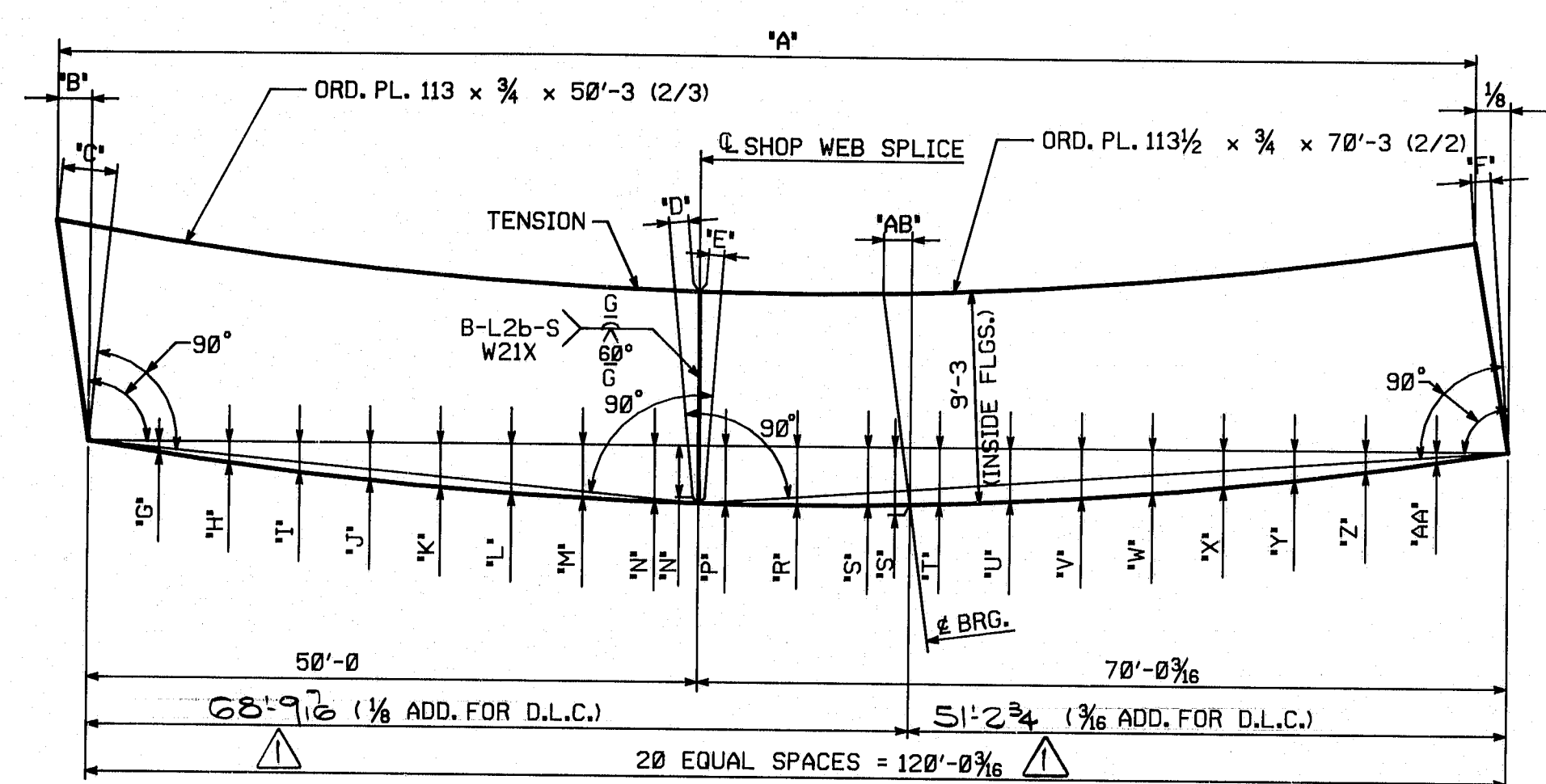
FOR GENERAL NOTES, SEE DRAWING N1.
ALL STEEL TO BE ASTM A588,
WITH CHARPY V-NOTCH TEST REQUIRED.
RT INDICATES SPICES TO BE 100% RADIOGRAPHICALLY TESTED.
TEST RANDOM 25% OF REMAINDER.
TESTING TO BE DONE BY A QUALIFIED TECHNICIAN IN
THE PRESENCE OF AN INSPECTOR.
DIMENSIONS SHOWN THUS (25'-0) ARE THE ACTUAL DIMENSIONS
THAT WILL APPEAR ON THE GIRDER DETAIL DRAWINGS.

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC. 1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/295-321 A Subsidiary of High Industries, Inc.		
FLANGE SPICE DETAILS		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR CIANBRO CORP.
IN CHARGE: HINKLE	MADE BY: S.J.A.	CHK'D BY: JLC DATE: 9-17-84
CONTRACT NUMBER: ME-84088-3	DRAWING NUMBER: FS1	

R95-169

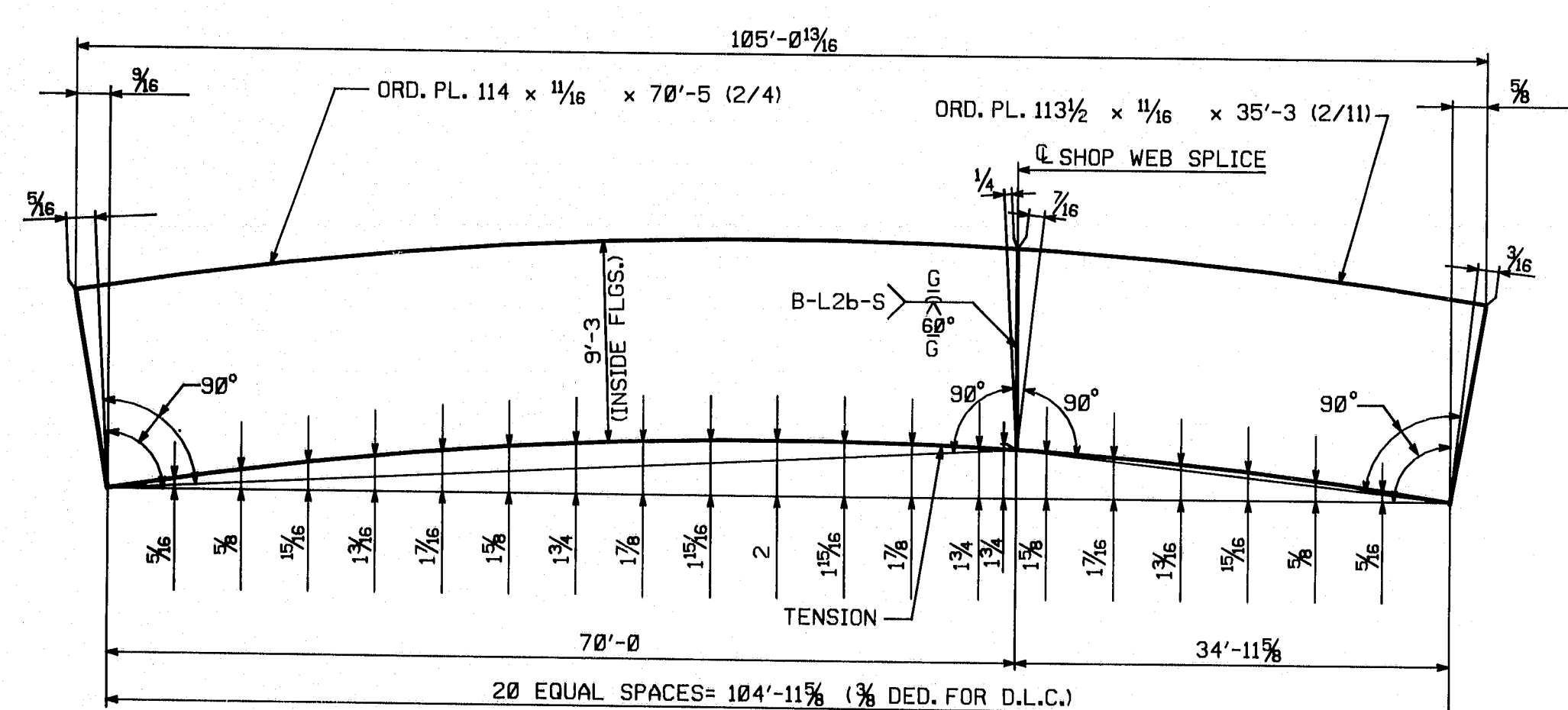
CODE:4000

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
1	ME.	I-19-395-B(82)176

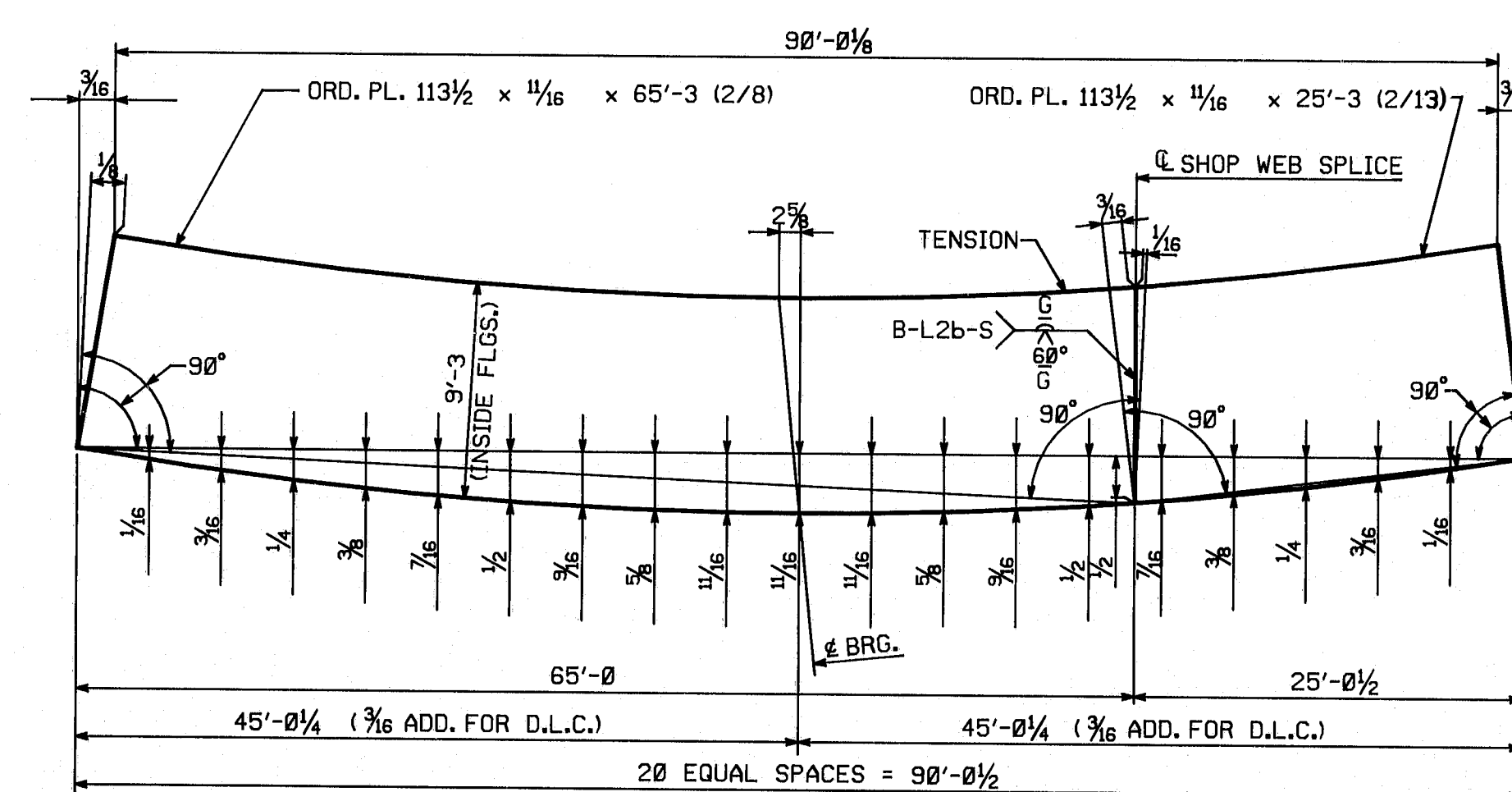


CAMBER DIAGRAM-G1L,G2L,G3L,G4L,G5L,G6L&G7L

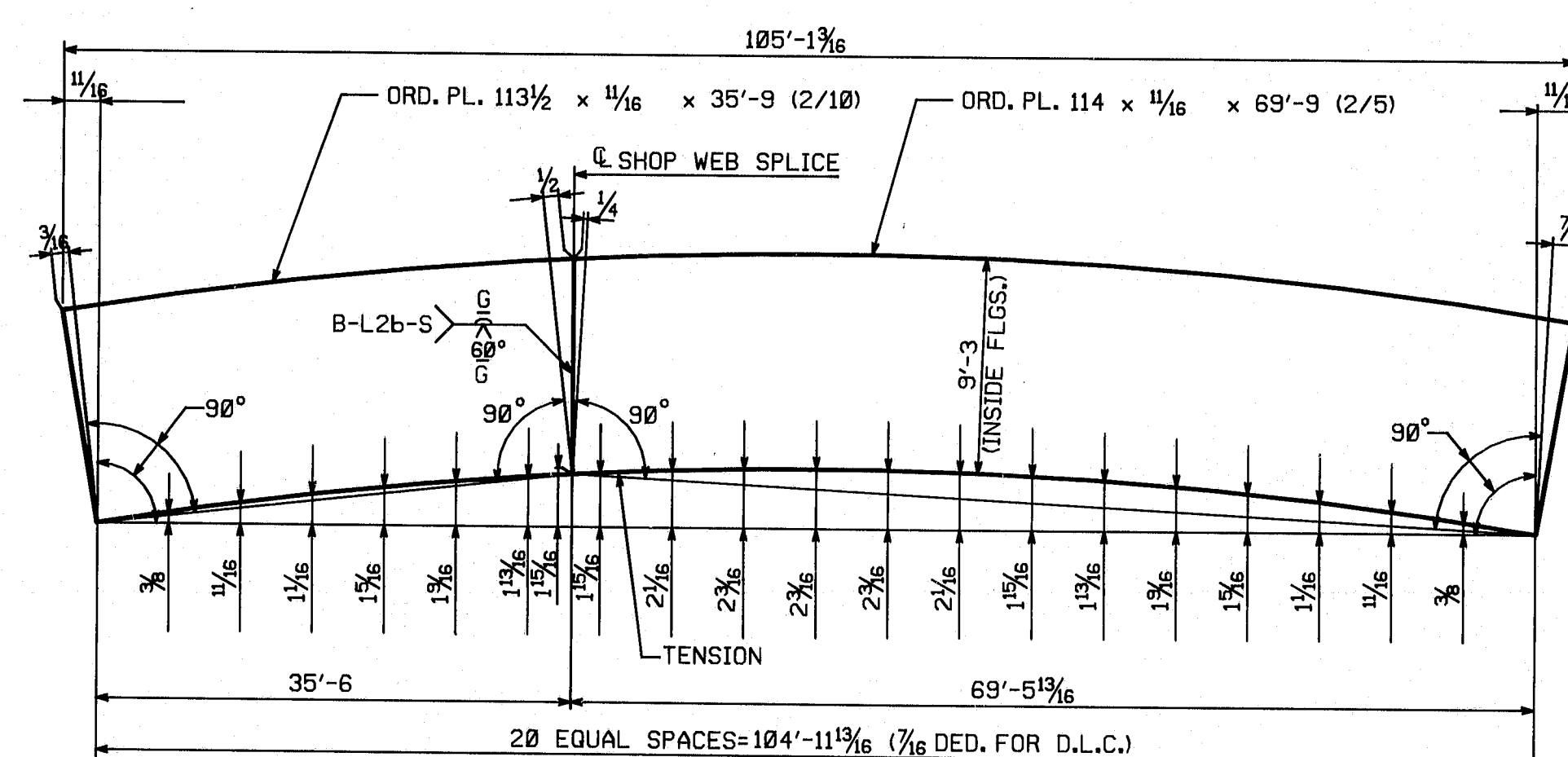
MARK	'A'	'B'	'C'	'D'	'E'	'F'	'G'	'H'	'I'	'J'	'K'	'L'	'M'	'N'	'P'	'R'	'S'	'T'	'U'	'V'	'W'	'X'	'Y'	'Z'	'AA'	'AB'
G1L	120'-0 1/4	3/8	3/8	1/8	1/8	0	1/8	1/8	3/8	1/4	3/8	1/8	1/2	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2	3/8	3/8	1/8	1 1/8	
G2L	120'-0 3/8	1/8	1/4	1/8	1/8	0	1/8	1/8	3/8	1/4	3/8	1/8	1/2	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2	3/8	3/8	1/8	1 1/8	
G3L	120'-0 3/8	1/8	1/4	1/8	1/8	0	1/8	1/8	3/8	1/4	3/8	1/8	1/2	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2	3/8	3/8	1/8	1 1/8	
G4L	120'-0 3/8	1/8	1/4	1/8	1/8	0	1/8	1/8	3/8	1/4	3/8	1/8	1/2	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2	3/8	3/8	1/8	1 1/8	
G5L	120'-0 3/8	1/8	1/4	1/8	1/8	0	1/8	1/8	3/8	1/4	3/8	1/8	1/2	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2	3/8	3/8	1/8	1 1/8	
G6L	120'-0 3/8	1/8	1/4	1/8	1/8	0	1/8	1/8	3/8	1/4	3/8	1/8	1/2	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2	3/8	3/8	1/8	1 1/8	
G7L	120'-0 3/8	0	1/8	1/8	1/8	0	1/8	1/8	3/8	1/4	3/8	1/8	1/2	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2	3/8	3/8	1/8	1 1/8	



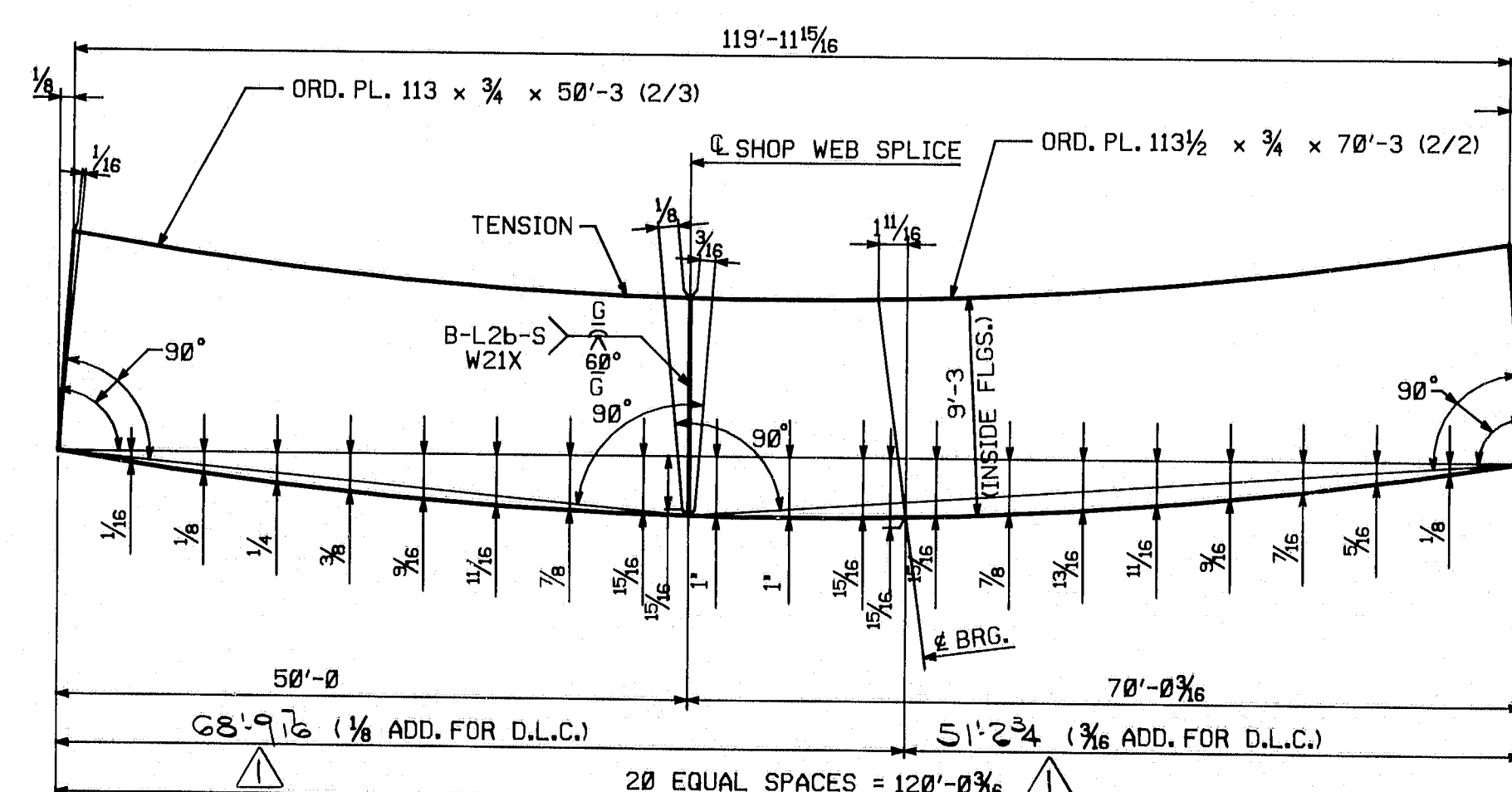
CAMBER DIAGRAM-G1M,G2M,G3M,G4M,G5M,G6M,G7M,G8M



CAMBER DIAGRAM-G1N,G2N,G3N,G4N,G5N,G6N,G7N,G8N



CAMBER DIAGRAM-G1O,G2O,G3O,G4O,G5O,G6O,G7O,G8O



CAMBER DIAGRAM-G8L

NOTES:

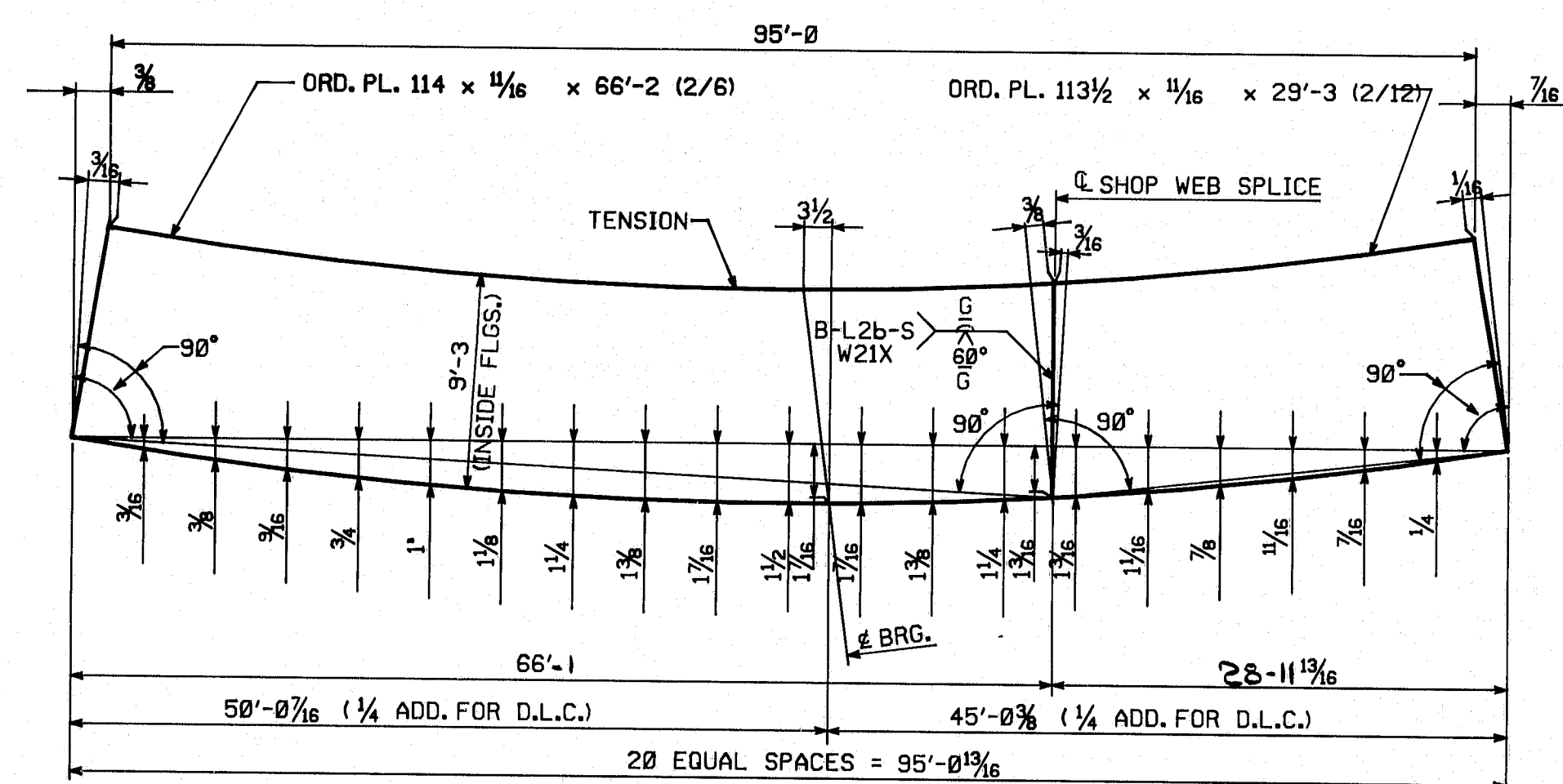
FOR GENERAL NOTES, SEE DRAWING N1.
ALL STEEL TO BE ASTM A588 WITH CHARTY V-NOTCH TEST.
RADIOGRAPHICALLY TEST 1/6 THE DEPTH OF THE WEB
AT THE TENSION EDGE + 25%, AT RANDOM, OF THE REMAINDER.
TESTING TO BE DONE BY A QUALIFIED TECHNICIAN IN
THE PRESENCE OF THE INSPECTOR.
SHOP INSPECTION BY MAINE D.O.T., OR THEIR REPRESENTATIVE.

NO. 1	REVISION Revised span length Control 2 LG	DATE 1-12-85
HIGH STEEL STRUCTURES, INC. <small>1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/295-333</small> <small>A Subsidiary of HSP Industries, Inc.</small>		
WEB CAMBER DIAGRAMS I-395 BRIDGE OVER PENOBSCOT RIVER I-395 BRIDGE STA. 164+60.00 PENOBSCOT COUNTY STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	CONTRACTOR CIAMBRO CORP.	
IN CHARGE HINKLE	MADE BY S.J.A.	CHK'D BY J.L.C. DATE 9-17-84
CONTRACT NUMBER ME-84088-3	DRAWING NUMBER WC1	

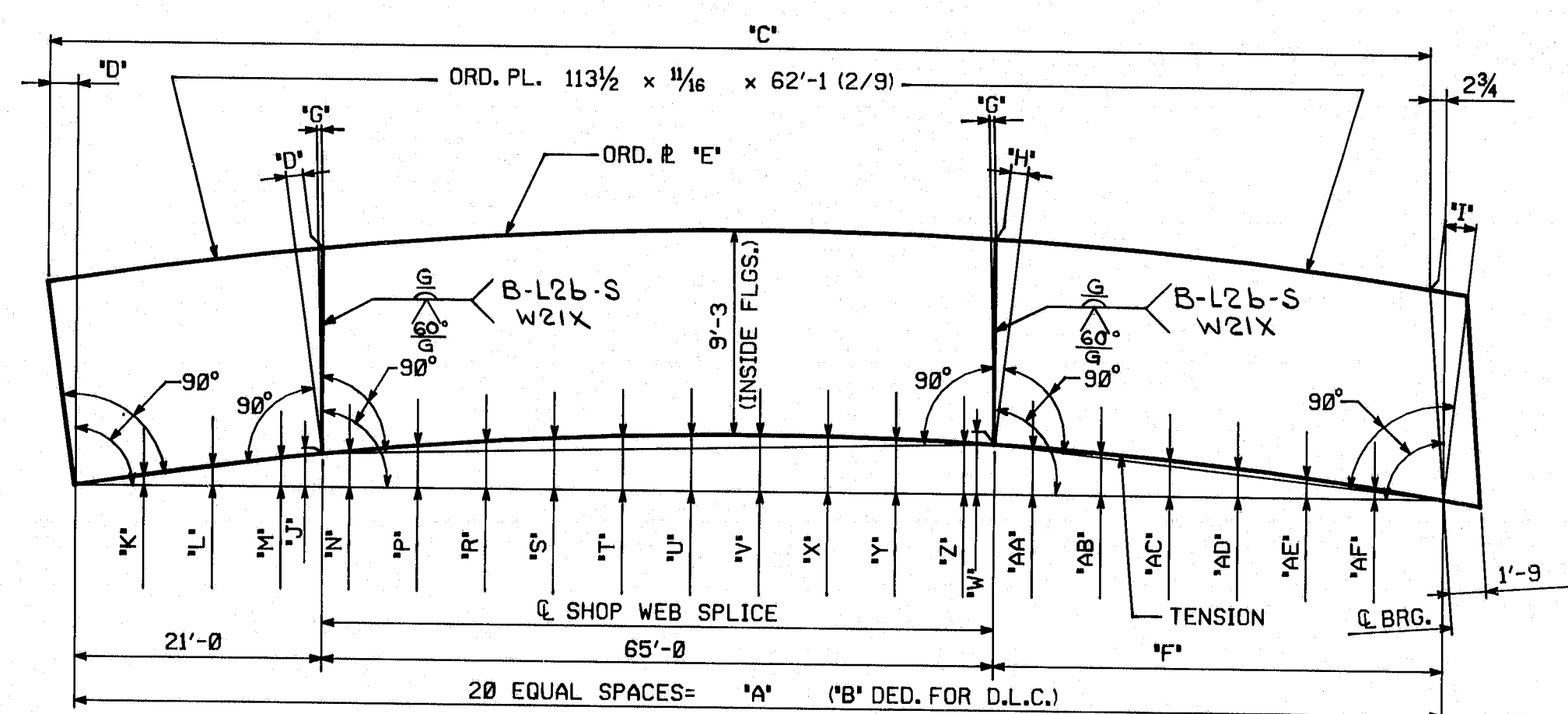
R95-170

CODE: 4000

FED. ROAD DIV.	STATE	FED. AID PROJ. NO.
1	ME.	I-10-395-6(2)176



CAMBER DIAGRAM-G1P,G2P,G3P,G4P,G5P,G6P,G7P,G8P



CAMBER DIAGRAM- G1Q,G2Q,G3Q,G4Q,G5Q,G6Q,G7Q,G8Q

MARK	"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"	"AA"	"AB"	"AC"	"AD"	"AE"	"AF"
G1Q	125'-0	$\frac{7}{16}$	124'-9 $\frac{3}{4}$	$\frac{1}{2}$	113 $\frac{1}{2}$ x $\frac{1}{16}$ x65'-3 (2/8)	39'-0	$\frac{1}{16}$	$\frac{7}{16}$	3 $\frac{3}{8}$	1 $\frac{1}{8}$	$\frac{5}{16}$	$\frac{5}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{3}{8}$	2 $\frac{1}{2}$	2	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	$\frac{1}{16}$	$\frac{5}{8}$	$\frac{5}{16}$
G2Q	125'-0	$\frac{7}{16}$	124'-9 $\frac{3}{4}$	$\frac{1}{2}$	113 $\frac{1}{2}$ x $\frac{1}{16}$ x65'-3 (2/8)	39'-0	$\frac{1}{16}$	$\frac{7}{16}$	3 $\frac{3}{8}$	1 $\frac{1}{8}$	$\frac{5}{16}$	$\frac{5}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{3}{8}$	2 $\frac{1}{2}$	2	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	$\frac{1}{16}$	$\frac{5}{8}$	$\frac{5}{16}$
G3Q	125'-0	$\frac{7}{16}$	124'-9 $\frac{3}{4}$	$\frac{1}{2}$	113 $\frac{1}{2}$ x $\frac{1}{16}$ x65'-3 (2/8)	39'-0	$\frac{1}{16}$	$\frac{7}{16}$	3 $\frac{3}{8}$	1 $\frac{1}{8}$	$\frac{5}{16}$	$\frac{5}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{3}{8}$	2 $\frac{1}{2}$	2	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	$\frac{1}{16}$	$\frac{5}{8}$	$\frac{5}{16}$
G4Q	125'-0	$\frac{7}{16}$	124'-9 $\frac{3}{4}$	$\frac{1}{2}$	113 $\frac{1}{2}$ x $\frac{1}{16}$ x65'-3 (2/8)	39'-0	$\frac{1}{16}$	$\frac{7}{16}$	3 $\frac{3}{8}$	1 $\frac{1}{8}$	$\frac{5}{16}$	$\frac{5}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{3}{8}$	2 $\frac{1}{2}$	2	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	$\frac{1}{16}$	$\frac{5}{8}$	$\frac{5}{16}$
G5Q	124'-11 $\frac{1}{2}$	$\frac{7}{16}$	124'-9 $\frac{3}{4}$	$\frac{1}{2}$	113 $\frac{1}{2}$ x $\frac{1}{16}$ x65'-3 (2/8)	38'-11 $\frac{7}{8}$	$\frac{1}{16}$	$\frac{7}{16}$	3 $\frac{3}{8}$	1 $\frac{1}{8}$	$\frac{5}{16}$	$\frac{5}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{3}{8}$	2 $\frac{1}{2}$	2	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	$\frac{1}{16}$	$\frac{5}{8}$	$\frac{5}{16}$
G6Q	124'-11 $\frac{1}{2}$	$\frac{7}{16}$	124'-9 $\frac{3}{4}$	$\frac{1}{2}$	114x $\frac{1}{16}$ x65'-3 (2/7)	38'-11 $\frac{1}{2}$	$\frac{1}{16}$	$\frac{7}{16}$	3 $\frac{3}{8}$	1 $\frac{1}{8}$	$\frac{5}{16}$	$\frac{5}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{3}{8}$	2 $\frac{1}{2}$	2	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	$\frac{1}{16}$	$\frac{5}{8}$	$\frac{5}{16}$
G7Q	125'-0 $\frac{3}{8}$	$\frac{7}{16}$	124'-10 $\frac{1}{4}$	$\frac{1}{2}$	114x $\frac{1}{16}$ x65'-3 (2/7)	39'-0 $\frac{3}{8}$	$\frac{1}{16}$	$\frac{7}{16}$	3 $\frac{3}{8}$	1 $\frac{1}{8}$	$\frac{5}{16}$	$\frac{5}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{3}{8}$	2 $\frac{1}{2}$	2	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	$\frac{1}{16}$	$\frac{5}{8}$	$\frac{5}{16}$
G8Q	125'-0 $\frac{5}{8}$	$\frac{7}{16}$	124'-10 $\frac{3}{4}$	$\frac{1}{2}$	113 $\frac{1}{2}$ x $\frac{1}{16}$ x65'-3 (2/8)	39'-0 $\frac{5}{8}$	$\frac{1}{16}$	$\frac{7}{16}$	3 $\frac{3}{8}$	1 $\frac{1}{8}$	$\frac{5}{16}$	$\frac{5}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{3}{8}$	2 $\frac{1}{2}$	2	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	$\frac{1}{16}$	$\frac{5}{8}$	$\frac{5}{16}$

NOTES:
FOR NOTES, SEE DRAWING WC1.

NO.	REVISION	DATE
<p>105 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-525</p> <p>HIGH STEEL STRUCTURES, INC.</p> <p>A Subsidiary of High Industries, Inc.</p>		
WEB CAMBER DIAGRAMS		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR
IN CHARGE	HINKLE	MADE BY S.J.A. CHK'D BY JLC DATE 9-17-84
CONTRACT NUMBER	ME-84088-3	DRAWING NUMBER
		WC2

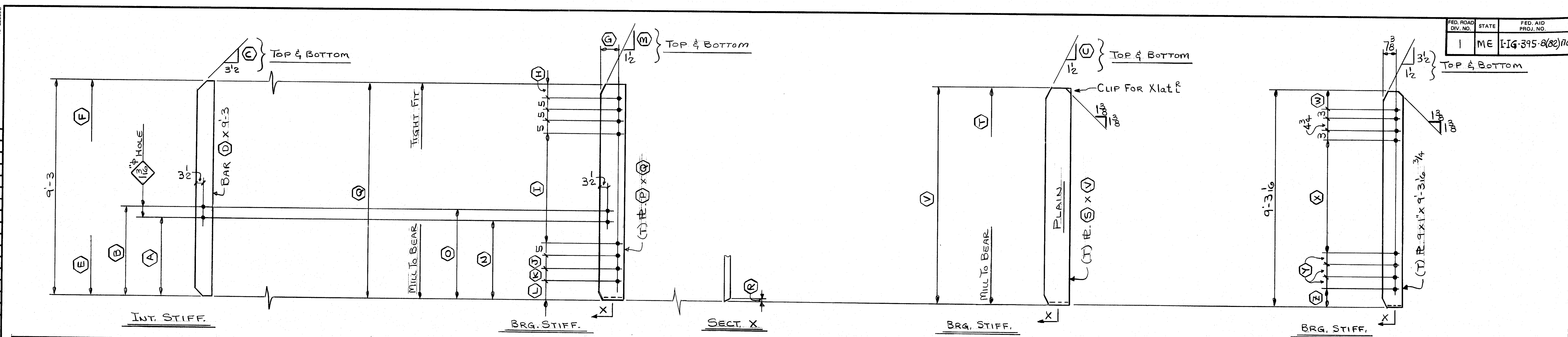
R95-171

CODE: 4000

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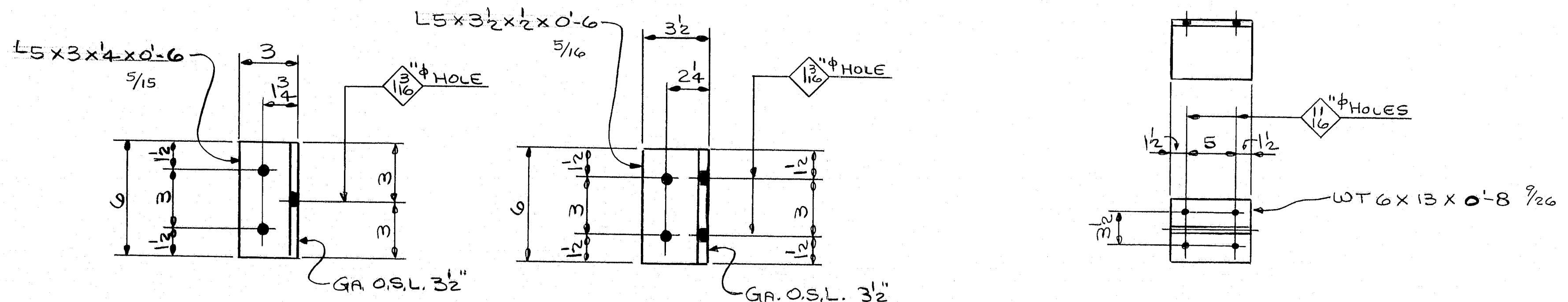


REQ'D	MK.	A	B	C	D	E	F
8	Xia	-	3'-9"	4'-2"	6x10 3/4"	TIGHT FIT	-
8	Xib	-	3'-9"	-	6x10 3/8"	TIGHT FIT	-
8	Xic	3'-6"	-	-	6x10 3/4"	-	-
8	Xid	3'-6"	3'-9"	-	5x12 3/11"	-	-
8	Xie	-	3'-9"	4'-2"	3/11"	-	-
24	Xif	3'-6"	-	3'-2"	3/12"	TIGHT FIT	-
24	Xig	3'-6"	3'-9"	-	3/11"	-	-
8	Xih	3'-6"	-	-	-	-	-
8	Xik	3'-6"	-	-	-	-	-
8	Xil	-	3'-9"	-	-	-	TIGHT FIT
24	Xim	3'-6"	-	-	-	TIGHT FIT	-
16	Xin	-	3'-9"	-	-	TIGHT FIT	-
8	Xio	-	-	-	3/11"	TIGHT FIT	-
24	Xip	-	3'-9"	-	5x12 3/12"	TIGHT FIT	TIGHT FIT
8	Xiq	-	-	3'-2"	7x8 3/5"	TIGHT FIT	-
8	Xir	-	3'-9"	4'-2"	7x10 3/6"	TIGHT FIT	TIGHT FIT
Δ 6	Xis	-	-	3'-2"	10x8 3/13"	TIGHT FIT	-

REQ'D	MK.	G	H	I	J	K	L	M	N	O	P	Q	R
4	Xiaa	10'-2"	4	5'-6 1/16"	5	5	10'-2"	4'-2"	3'-6"	-	12x18	9'-3 3/2"	0"
4	Xiab	-	6 5/16"	5'-6 1/16"	-	-	8	-	-	-	-	-	-
8	Xiac	-	4	5'-5 1/2"	-	-	11'-2"	-	-	-	-	-	-
8	Xiad	10'-2"	7'-2"	5'-5 1/2"	-	-	8	4'-2"	-	12x18	9'-3 3/2"	0"	-
2	Xiae	8'-2"	4	5'-6 1/16"	-	-	10'-8"	3'-2"	3'-9"	10x11"	9'-3 1/6 3/3"	1/32"	-
2	Xiaf	-	-	-	-	-	-	-	-	-	-	-	-
2	Xiag	-	6 5/16"	5'-6 1/16"	-	-	8'-6"	-	-	-	-	-	-
2	Xiah	-	4	5'-5 1/2"	-	-	11'-6"	-	-	-	-	-	-
8	Xiaj	-	-	-	-	-	-	-	-	-	-	-	-
8	Xiak	-	7'-2"	5'-5 1/2"	-	-	8'-6"	-	-	-	-	-	-
2	Xial	-	4	5'-6 1/16"	-	-	10'-2"	-	-	-	-	-	-
2	Xiam	-	-	-	-	-	-	-	-	-	-	-	-
2	Xian	8'-2"	6'-6"	5'-6 1/16"	5	5	8'-6"	3'-2"	3'-9"	10x11"	9'-3 1/6 3/3"	1/32"	-
2	Xiao	-	-	-	-	-	-	-	-	-	-	-	-
2	Xiap	10'-2"	4	5'-10"	5'-2"	3	8'-2"	4'-2"	-	-	12x18	9'-3 3/2"	0"
4	Xias	8'-2"	4	5'-10"	5'-2"	3	8'-6"	3'-2"	-	-	10x11"	9'-3 1/6 3/3"	1/32"
4	Xiat	8'-2"	4	5'-10"	5'-2"	3	8'-6"	3'-2"	3'-6"	3'-9"	10x11"	9'-3 1/6 3/3"	1/32"
2	Xibu	10'-2"	4	5'-10"	5'-2"	3	8'-2"	4'-2"	3'-6"	-	12x18	9'-3 3/2"	0"

REQ'D	MK.	R	S	T	U	V
9	Xiat ^R	1/32	9x1"	-	3'-2"	9'-3 1/6 3/4"
9	Xiat ^L	1/32	9x1"	-	3'-2"	9'-3 1/6 3/4"
4	Xiaw	0"	12x18	TIGHT FIT	4'-2"	9'-3 3/2"
4	Xiax ^R	1/32	10x1"	TIGHT FIT	3'-2"	9'-3 1/6 3/3"
4	Xiax ^L	1/32	10x1"	TIGHT FIT	3'-2"	9'-3 1/6 3/3"

NOTE	REQ'D	MK.	R	S	T	U	V
Δ	4	Xiba ^R	3/32	6'-6"	6'-4 1/4"	3'	8'-2"
Δ	4	Xiba ^L	3/32	6'-6"	6'-4 1/4"	3'	8'-2"
	ONE	Xibc	-	-	6'-1 3/4"	3'	11'-6"
OPP. HAND	2	Xibf	-	-	6'-0 3/4"	3'	1'-0 1/8"
	2	Xibh	-	-	5'-7 3/4"	5'	11'-6"
OPP. HAND	ONE	Xibm	3/32	6'-6"	5'-9 3/4"	5'	9'-6"



Δ 155-ANGLES-MK Xibp

Δ 20-ANGLES-MK Xibs

47-SCUPPER CONN.-MK Xibt

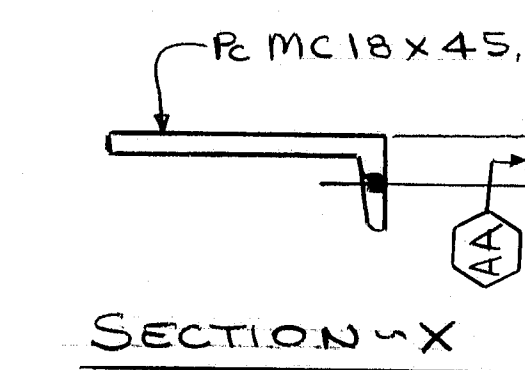
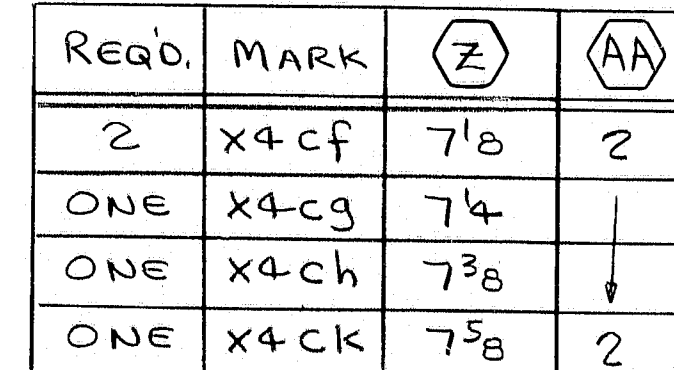
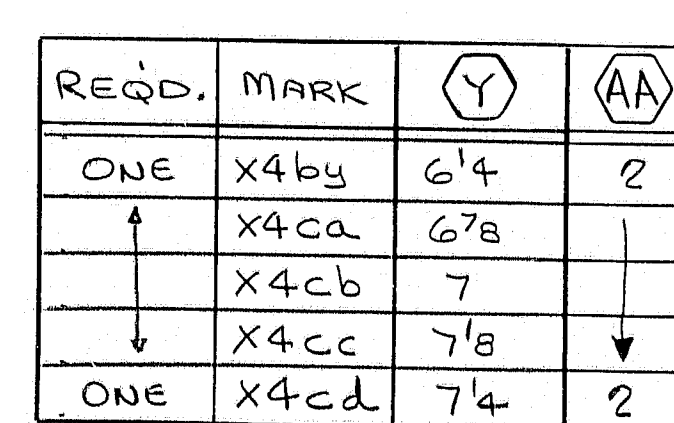
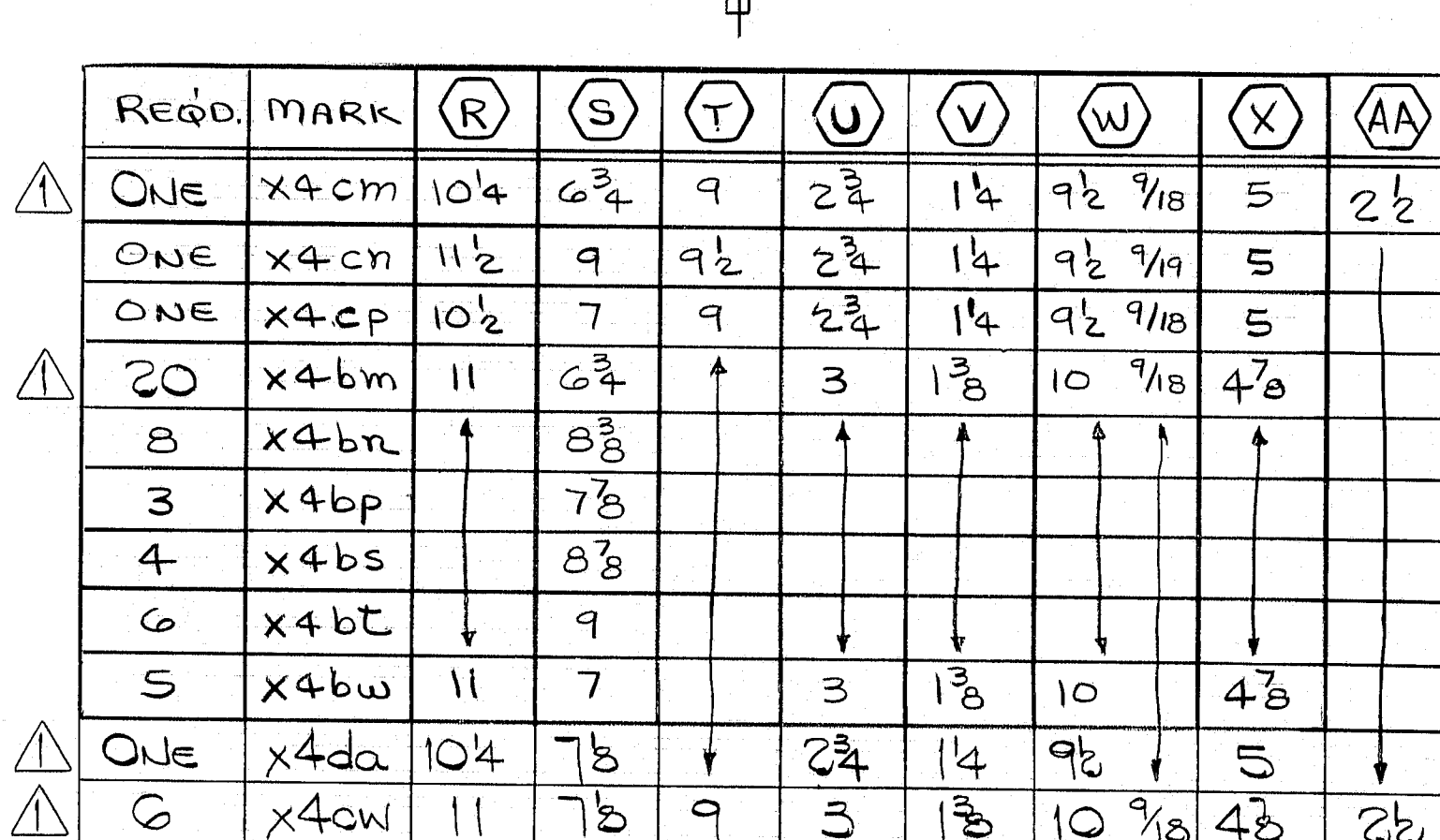
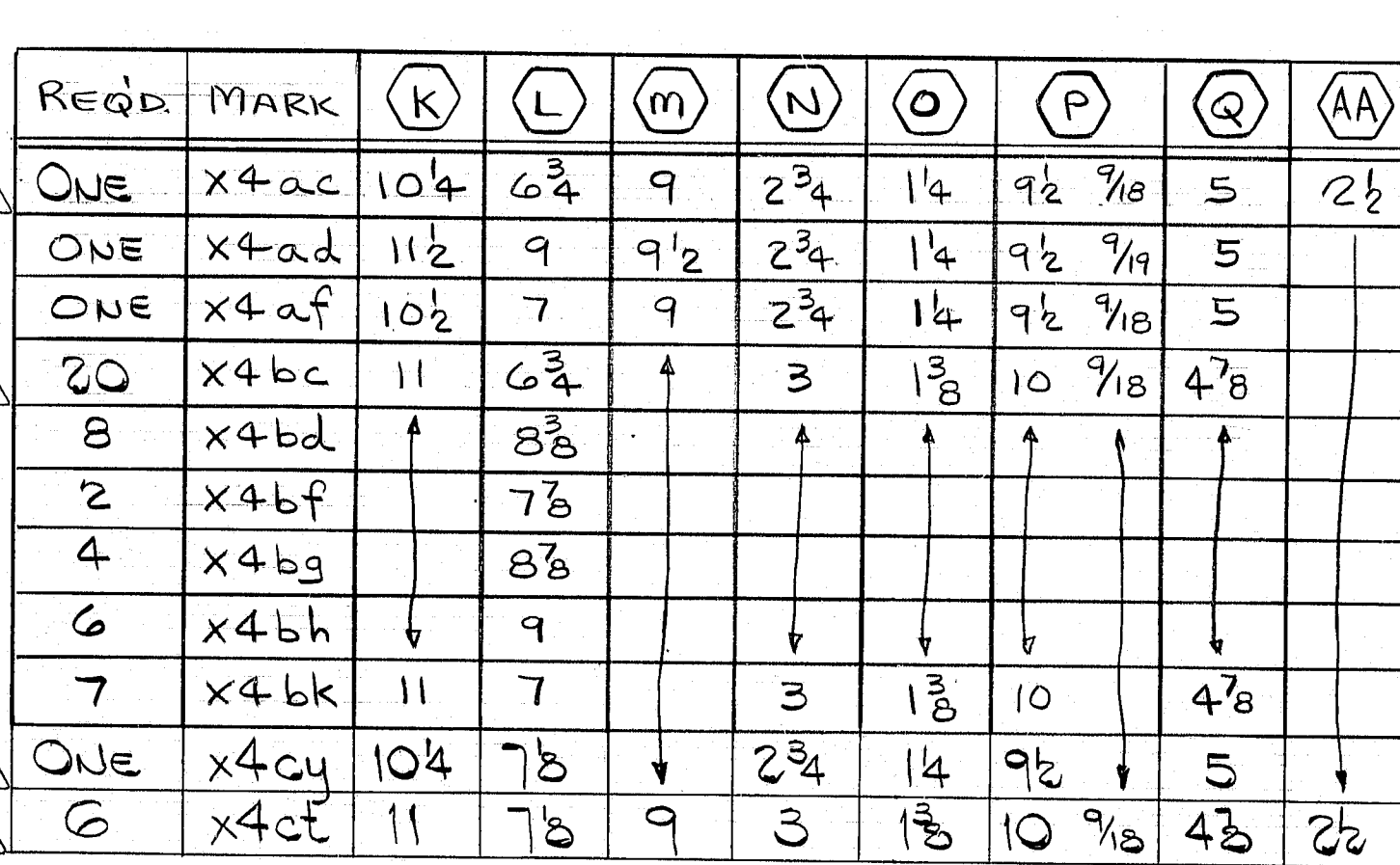
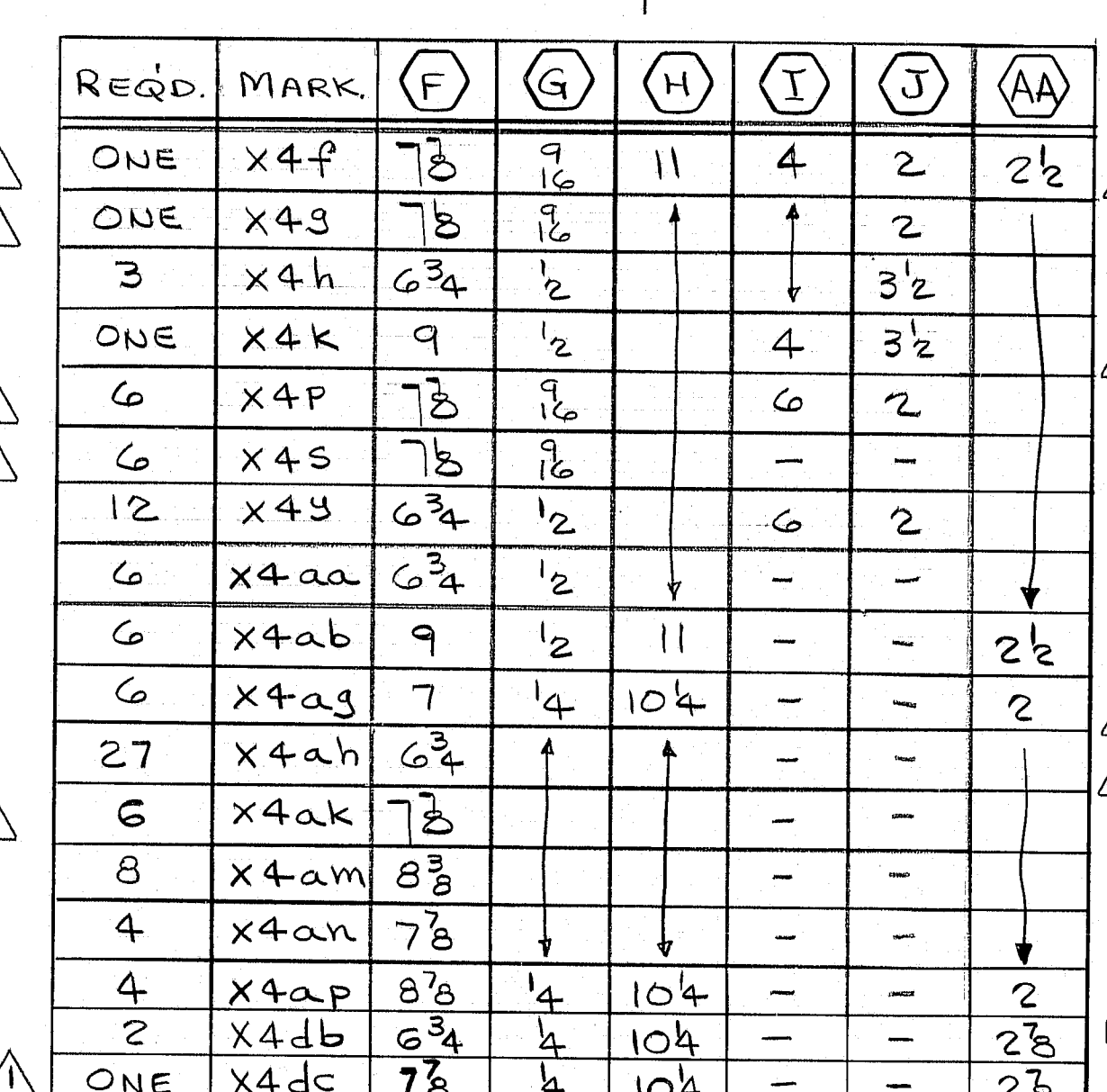
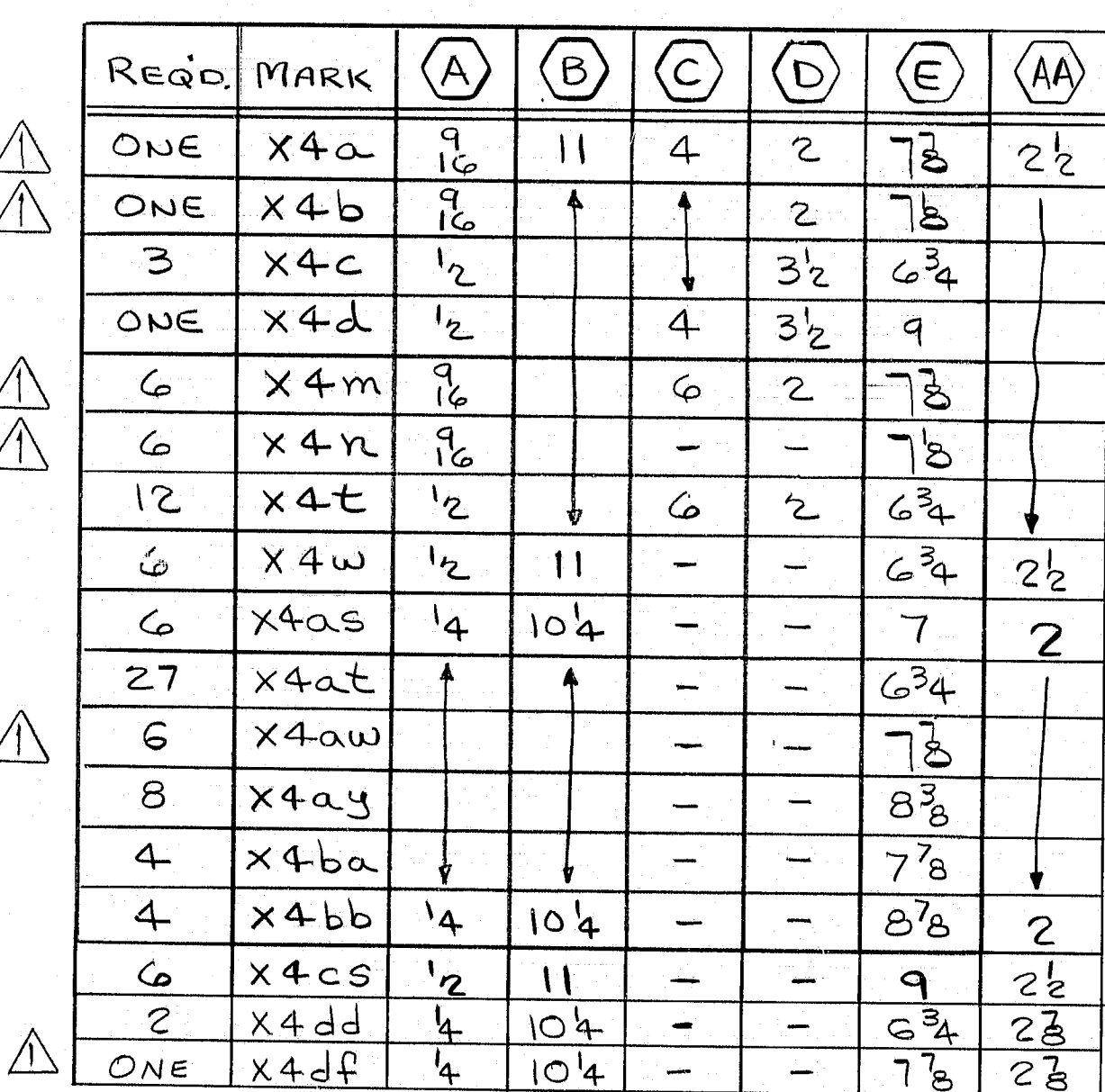
SHOP NOTE
 HOLES: 1 1/2" (U.N.)
 BOLTS: NONE
 PAINT: NONE
 FOR GENERAL NOTES SEE DWG. N1.
 ALL STEEL TO BE A.S.T.M. A588.
 (T) INDICATES CHARPY V-NOTCH TEST REQ'D.

R95-172

construction joint moved		11-19-84
NO. Δ	REVISION CONTR. REV. CONTROL	DATE 9/7/84
HIGH STEEL STRUCTURES, INC. 1500 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211 A Subsidiary of High Industries, Inc.		
JOB STANDARDS I-395 BRIDGE OVER PENOBSCOT RIVER I-395 BRIDGE STA. 164+60.00 PENOBSCOT COUNTY STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	CONTRACTOR	CLANBRO CORP.
IN CHARGE: HINKLE	MADE BY: G.F.E.	CHK'D BY: JLC
CONTRACT NUMBER: ME-84088-3	DRAWING NUMBER: X1	DATE: 9-19-84

a			
b			
c			
d			
f			
g			
h			
k			
m			
n			
p			
s			
t			
w			
y			

R95-173



SHOP NOTE



HOLES: 15"φ
BOLTS: None
PAINT: None

FOR GENERAL NOTES SEE DWG. N1
ALL STEEL TO BE A.S.T.M. A588.

R95-175

R95-175

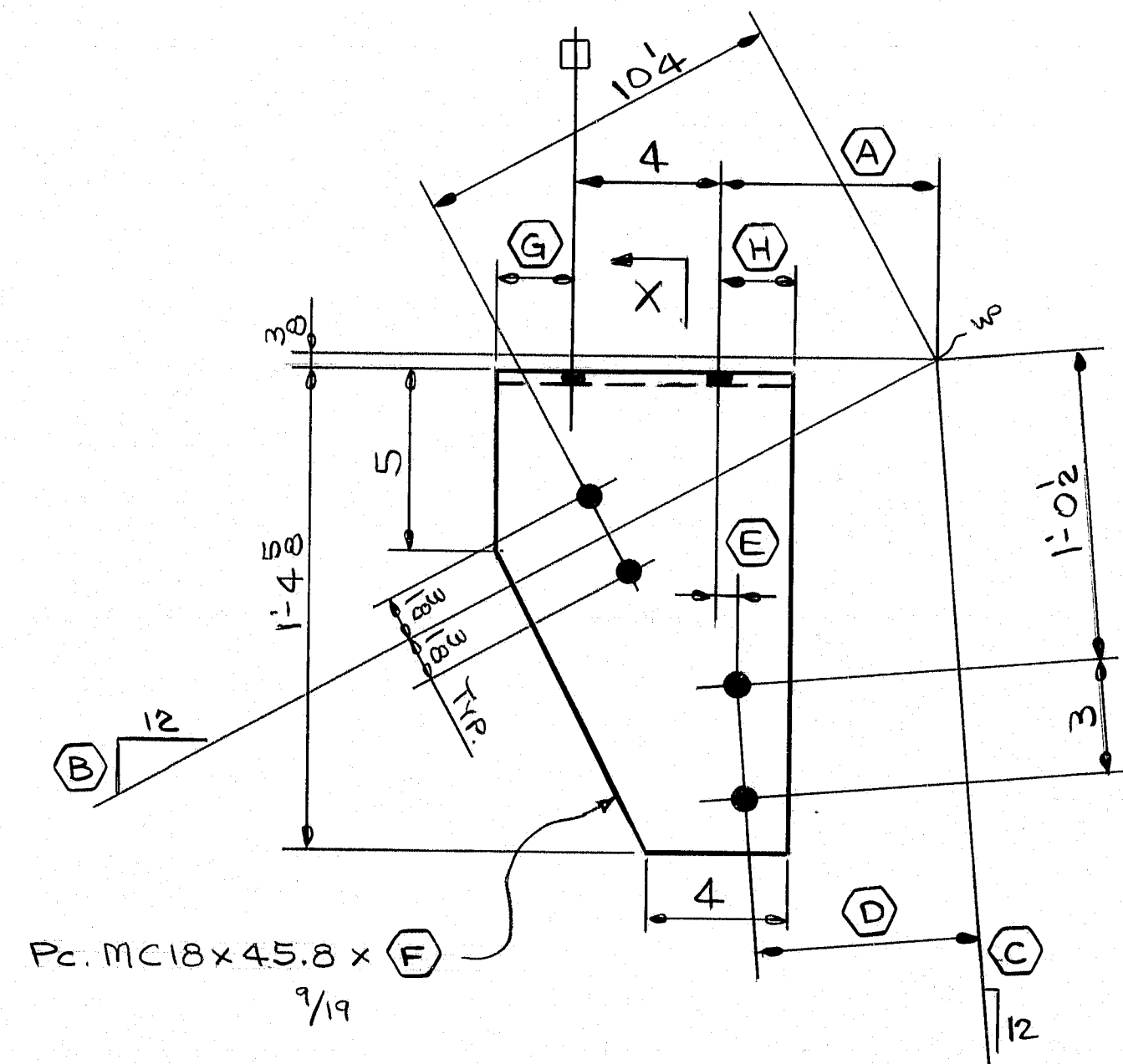
CODE: 400

NO. 	REVISION <i>Revised span length control #16</i>	DATE <i>1-12-83</i>
HIGH STEEL STRUCTURES, INC. 		1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211
A Subsidiary of High Industries, Inc.		
JOB STANDARDS		
<i>I-395 BRIDGE OVER PENOBSCOT RIVER</i>		
<i>I-395 BRIDGE STA. 164+60.00</i>		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	<i>G</i>	CONTRACTOR <i>CIANERO CORP</i>
IN CHARGE	<i>HINKLE</i>	MADE BY <i>G.F.F.</i> CHK. BY <i>JLC</i> DATE <i>9-24-82</i>
CONTRACT NUMBER	<i>ME-84088-3</i>	DRAWING NUMBER <i>X4</i>

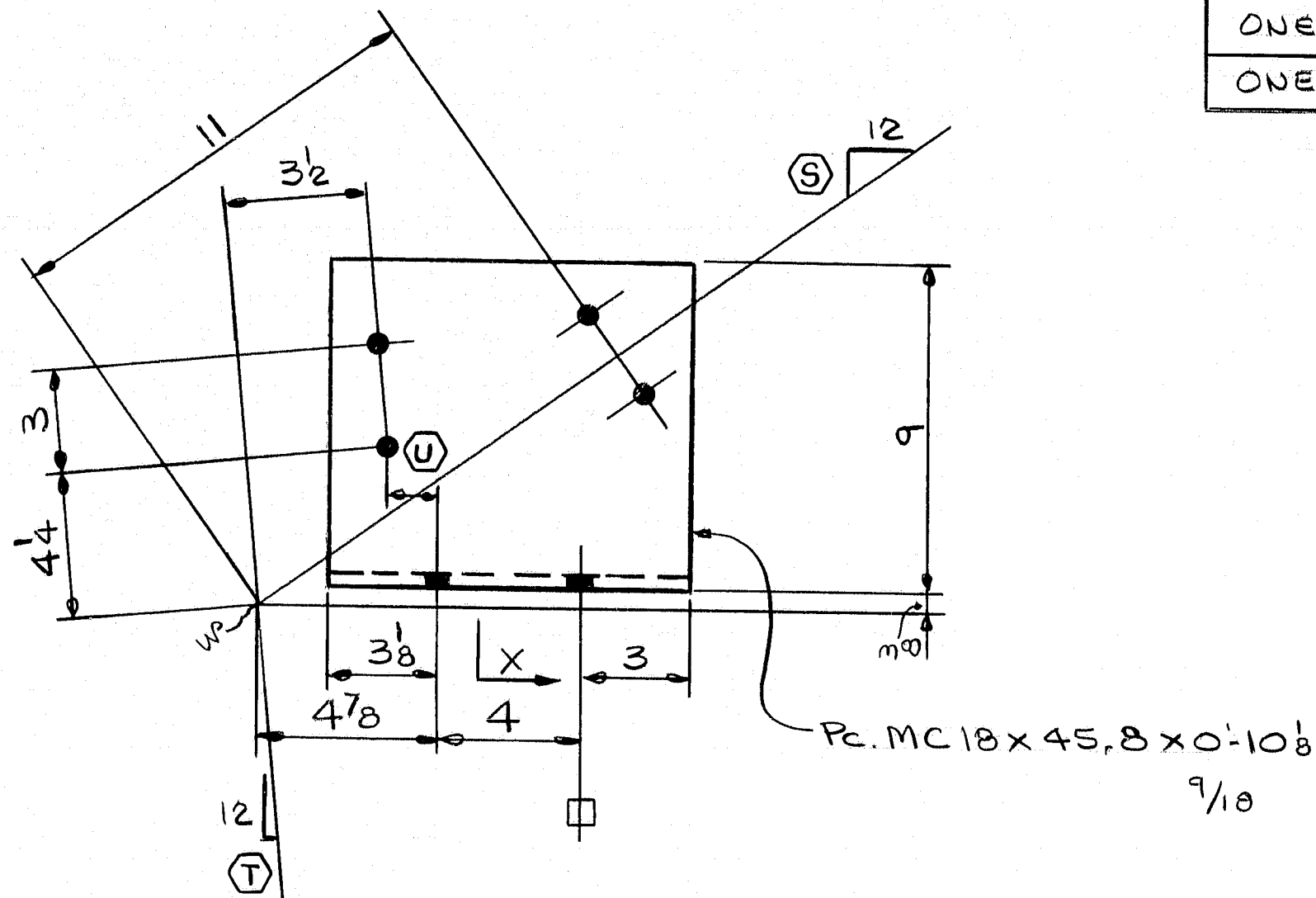
a	
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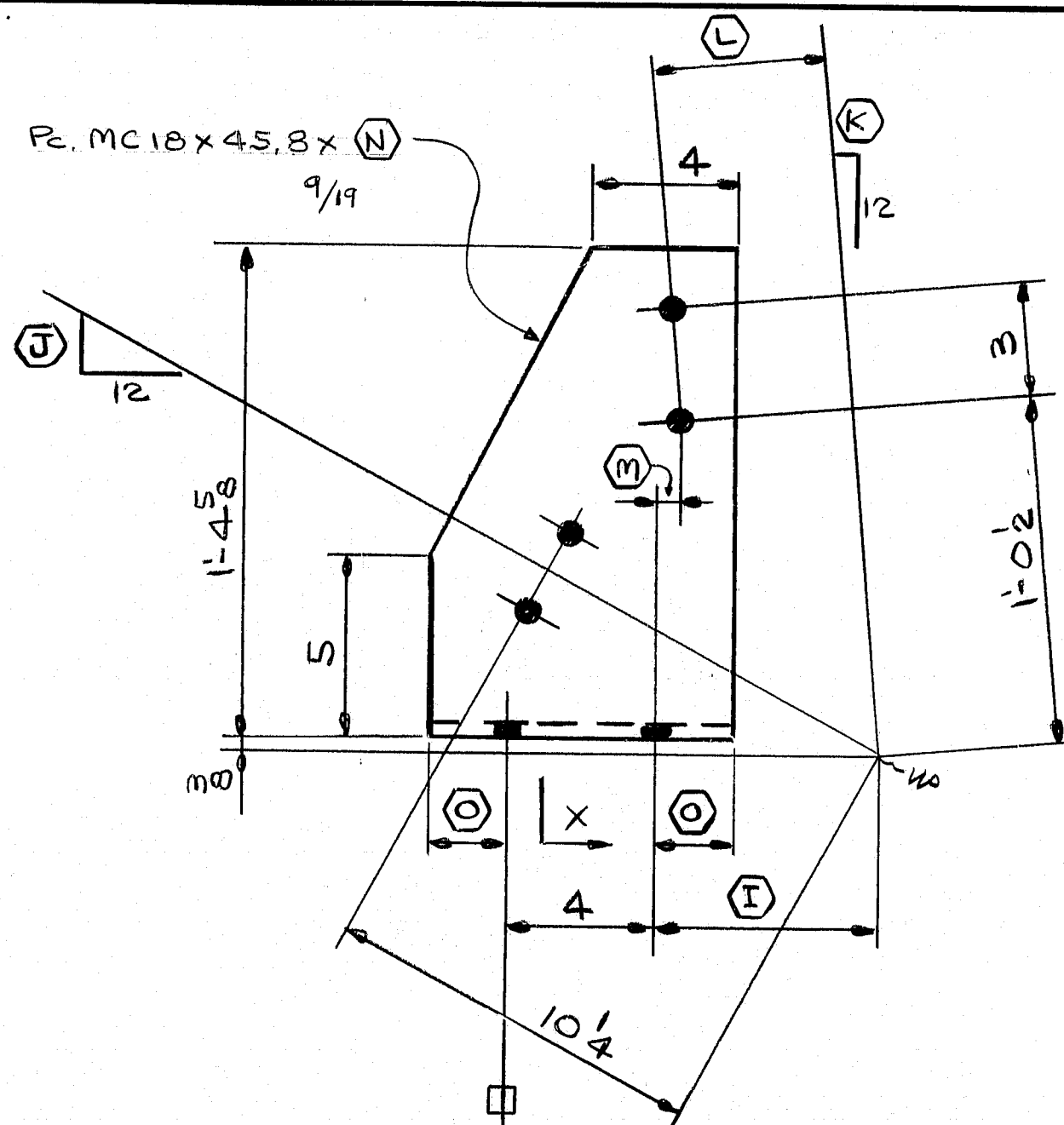
a	
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e	
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v	
w	
x	
y	



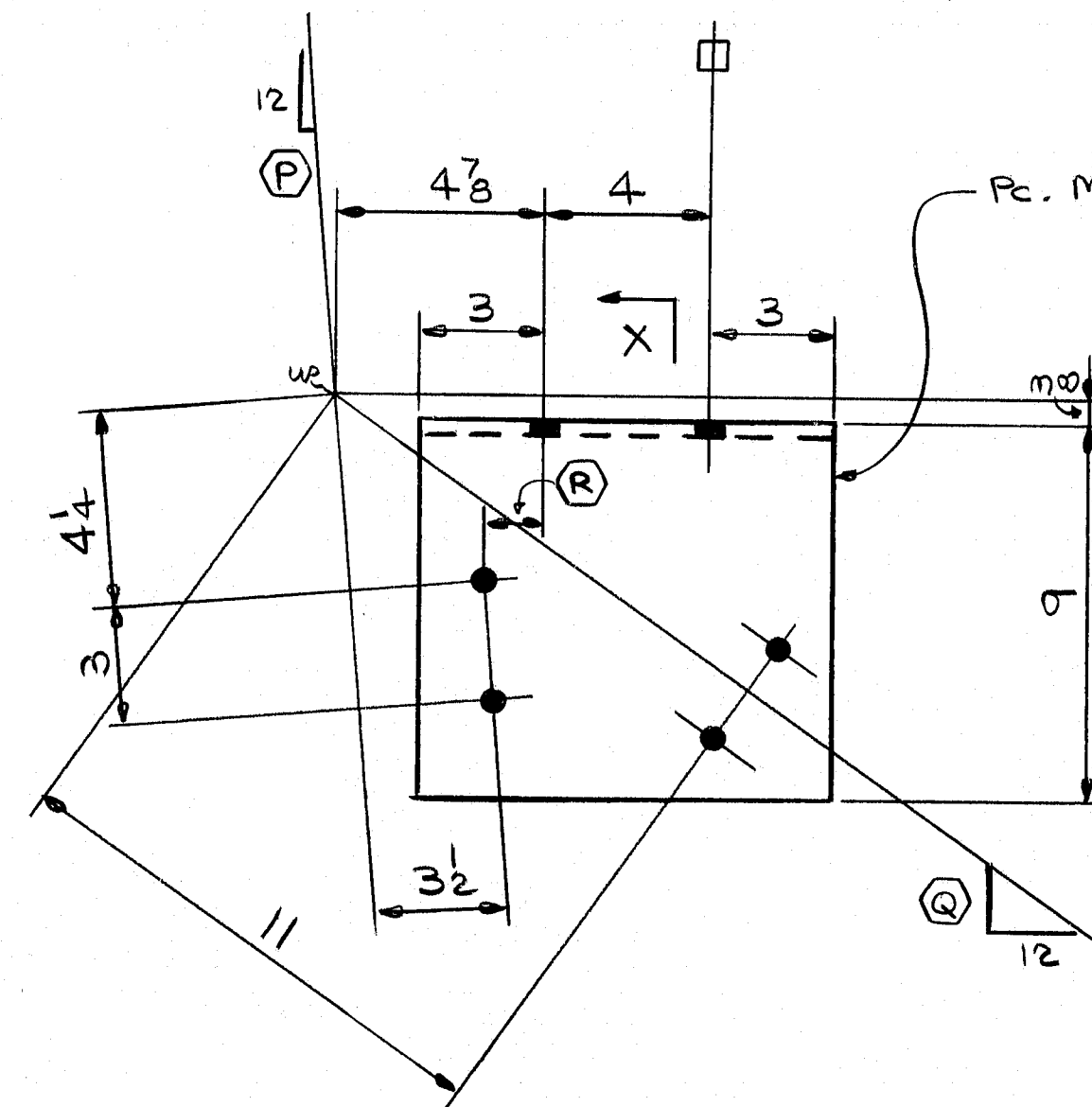
REQD.	MARK	A	B	C	D	E	F	G	H
5	X5a	4/8	7	0"	4/8	3/4	8/2	2/4	2/4
ONE	X5c	6/8	7/8	1/8	5/8	5/8	8/4	2	2/4
ONE	X5d	6/8	7/8	1/8	5/8	1/8	8/8	2	2/8
2	X5m	4/8	6/8	0"	3/8	7/8	8/8	2/8	2/8
2	X5n	7/8	0"	7/8	8/8	2/8	2/8		
ONE	X5p	7	0"	7/8	8/8	2/8	2/8		
ONE	X5s	4/8	7/8	1/8	3/8	1/8	9/8	2/8	3



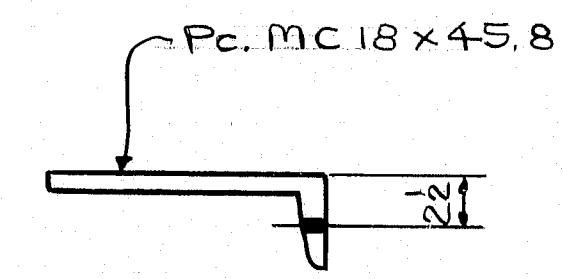
REQD.	MARK	S	T	U
ONE	X5ah	7/2	7/16	1/2
	X5ak	7/8		
	X5am	7/8		
	X5an	8/8	7/16	
	X5ap	8	5/16	1/2
ONE	X5as	8	8	1/16



REQD.	MARK	I	J	K	L	M	N	O
3	X5b	4/8	7	0"	4/8	3/4	8/2	2/4
ONE	X5f	6/8	7/8	0"	5/8	1/2	8	2
	X5g	7/8	1/8	3/8	1/2	8	2	
	X5h	7/8	5/16	3/16	1/2	8	2	
ONE	X5k	6/8	7/2	1/6	5/8	1/6	8	2
2	X5t	4/8	6/8	0"	3/8	7/8	8/8	2/8
2	X5u	7/8	0"	7/8	1/2	8	2	
ONE	X5v	7	0"	7/8	1/2	8	2	
ONE	X5aa	4/8	7/8	5/16	3/8	9/16	8/8	2/8



REQD.	MARK	P	Q	R
ONE	X5ab	5/16	7/4	1/4
	X5ac	7/8		
	X5ad	7/2		
	X5af	5/16	7/8	1/4
ONE	X5ag	1/8	7/8	1/16



SHOP NOTE

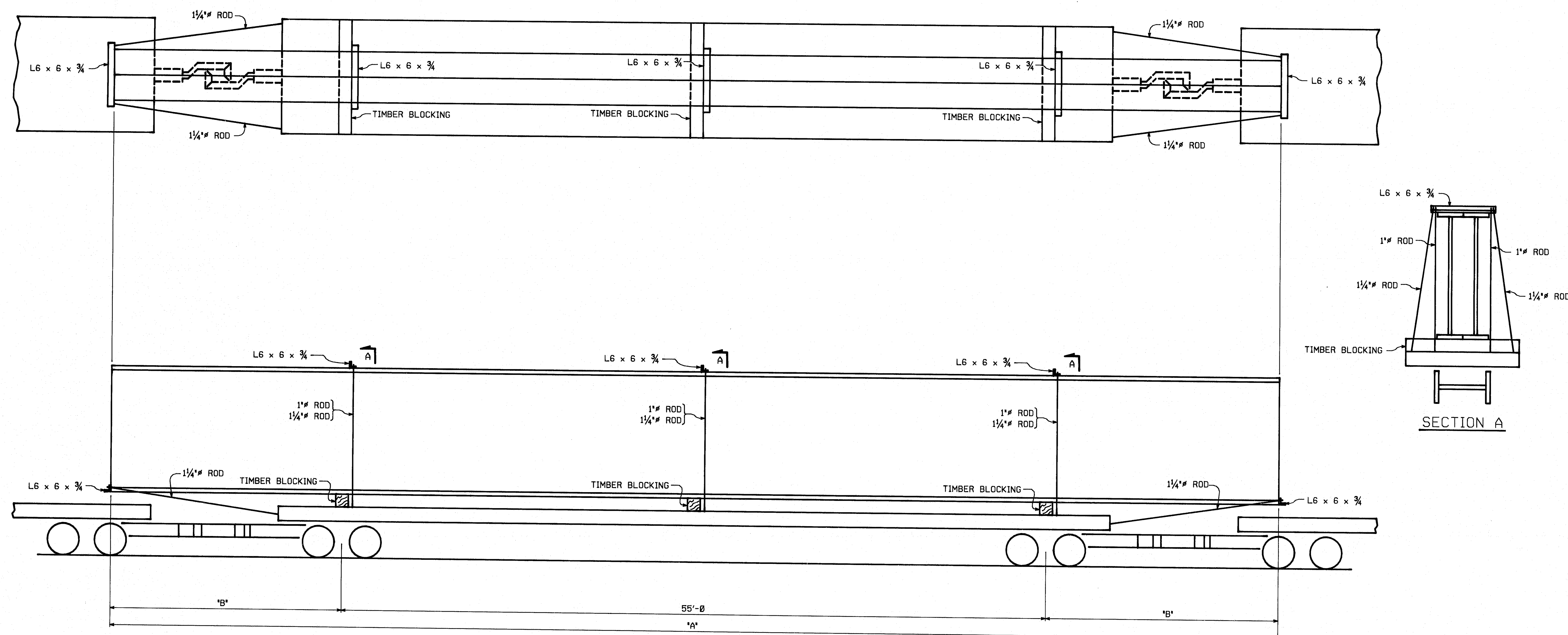
HOLES: 1 1/2" ϕ
 BOLTS: NONE
 PAINT: NONE

FOR GENERAL NOTES SEE DWG. NO. 1
 ALL STEEL TO BE A.S.T.M. A588

R95-176 CODE 4000

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC. 1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211 A Subsidiary of High Industries, Inc.		
JOB STANDARDS		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164 +60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	CONTRACTOR	DATE
6	CIANBRO CORP.	
IN CHARGE	CHKD.	BY
HINKLE	G.F.Z.	JLC
CONTRACT NUMBER	DRAWING NUMBER	DATE
ME-84088-3	X5	9-24-84

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
1	ME.	1-10-395-8(82)176



MARK	WEIGHT	"A"	"B"
G1L	74,975*	120'-0 1/4	32'-6 1/8
G2L	75,965*		
G3L	75,685*		
G4L	75,275*		
G5L	75,660*		
G6L	75,605*		
G7L	75,965*		
G8L	74,975*	120'-0 1/4	32'-6 1/8
G1M	41,870*	105'-0 7/8	25'-0 7/8
G2M	42,660*		
G3M	42,240*		
G4M	41,990*		
G5M	42,260*		
G6M	42,240*		
G7M	42,660*		
G8M	41,870*	105'-0 7/8	25'-0 7/8

MARK	WEIGHT	"A"	"B"
G1N	48,945*	90'-0 1/2	17'-6 1/4
G2N	49,620*		
G3N	49,525*		
G4N	49,225*		
G5N	49,225*		
G6N	49,525*		
G7N	49,620*		
G8N	48,945*	90'-0 1/2	17'-6 1/4
G1O	38,220*	105'-1 1/4	25'-0 5/8
G2O	39,020*		
G3O	38,595*		
G4O	38,225*		
G5O	38,370*		
G6O	38,595*		
G7O	39,020*		
G8O	38,220*	105'-1 1/4	25'-0 5/8

MARK	WEIGHT	"A"	"B"
G1P	52,900*	95'-0 7/8	20'-0 1/8
G2P	53,695*		
G3P	53,515*		
G4P	53,220*		
G5P	53,540*		
G6P	53,525*		
G7P	53,710*		
G8P	52,900*	95'-0 7/8	20'-0 1/8
G1Q	53,470*	126'-9	35'-10 1/2
G2Q	54,470*	126'-9	35'-10 1/2
G3Q	54,080*	126'-9	35'-10 1/2
G4Q	53,825*	126'-9	35'-10 1/2
G5Q	54,105*	126'-8 7/8	35'-10 7/8
G6Q	54,085*	126'-9	35'-10 1/2
G7Q	54,495*	126'-9 3/8	35'-10 1/8
G8Q	53,510*	126'-10	35'-11

NO.	REVISION	DATE
<p align="center">HIGH STEEL STRUCTURES, INC.</p> <p align="center">1805 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-522</p> <p align="center"><i>A Subsidiary of High Industries, Inc.</i></p>		
SHIPPING PROCEDURE		
1-395 BRIDGE OVER PENOBSCOT RIVER		
1-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	CONTRACTOR CIANBRO CORP.	
IN CHARGE: HINKLE	MADE BY: RW	CHK'D. BY: TC
CONTRACT NUMBER: ME-84088-3	DATE: 4-8-85	
DRAWING NUMBER: SP1		

R95-177

GIRDERS "G"									
	L	M	N	O	P	Q			
1	9	15	21	27	32	40			
2	10	16	22	28	33	41			
3	11	17	23	29	34	42			
4	12	18	24	30	35	43			
5	13	19	25	31	36	44			
6	14	20	26	32	37	45			
7	15	21	27	33	38	46			
8	16	22	28	34	39	47			
9	17	23	29	35	40	48			

CROSSFRAMES "CF"									
	0	1	2	3	4	5	6	7	8
0	X	2	2	2	2	3	3	4	4
1	4	4	4	4	5	6	6		
2									
3									
4									
5									
6									
7									
8									
9	D1 thru D4 - Det'd on Dwg #3								

	0	1	2	3	4	5	6	7	8
0									
1									
2									
3									
4									
5									
6									
7									
8									
9									

	0	1	2	3	4	5	6	7	8
0									
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9									

	0	1	2	3	4	5	6	7	8
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8									
9									

	0	1	2	3	4	5	6	7	8
0									
1									
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6									
7									
8									
9									

CROSSFRAMES (KNOCKED DOWN)									
	0	1	2	3	4	5	6	7	8
0	A1 thru A16 - Det'd on Dwg #7								
1									
2	B1 thru B16 - Det'd on Dwg #7								
3									
4	C1 thru C11 - Det'd on Dwg #7								
5									
6	E1 thru E6 - Det'd on Dwg #8								
7									
8									
9									

	0	1	2	3	4	5	6	7	8
0									
1									
2									
3									
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7									
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	0	1	2	3	4	5	6	7	8
0									
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8									
9									

	0	1	2	3	4	5	6	7	8
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9									

	0	1	2	3	4	5	6	7	8
0									
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9									

	0	1	2	3	4	5	6	7	8
0									
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4									
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7									
8									
9									

HORIZ. BRACING "HB"									
	0	1	2	3	4	5	6	7	8
0	X	8							8
1	8	1							8
2	8	1							8
3	8	1							8
4	8	1							8
5	8	1							8
6									
7									
8									
9									

	0	1	2	3	4	5	6	7	8
0									
1									
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9									

	0	1	2	3	4	5	6	7	8
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9									

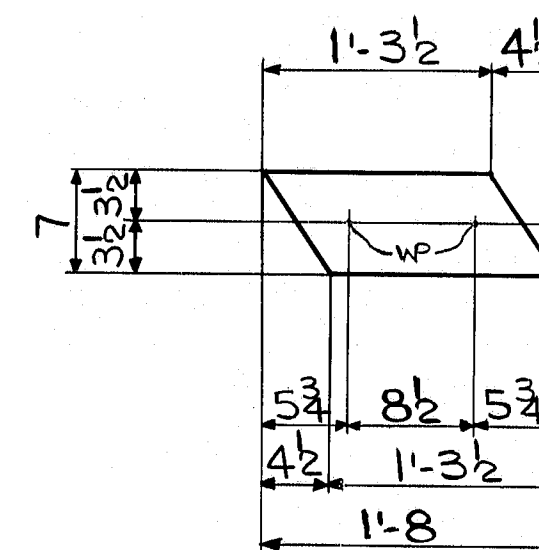
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8									
9									

MISCELLANEOUS									
	0	1	2	3	4	5	6	7	8
0	SCUPPER SUPPORT ANGLES								
1	MS1, MS2, MS3 - Det'd on Dwg #7								
2									
3	ANCHOR BOLTS, WASHERS #								
4	FABRIC PADS - Det'd on Dwg #1								
5									
6	Rt BEARINGS - Det'd on Dwg.								
7	D 1001-1A thru 1F & D 1003-1A								
8									
9									

	0	1	2	3	4	5	6	7	8
0									
1									
2									

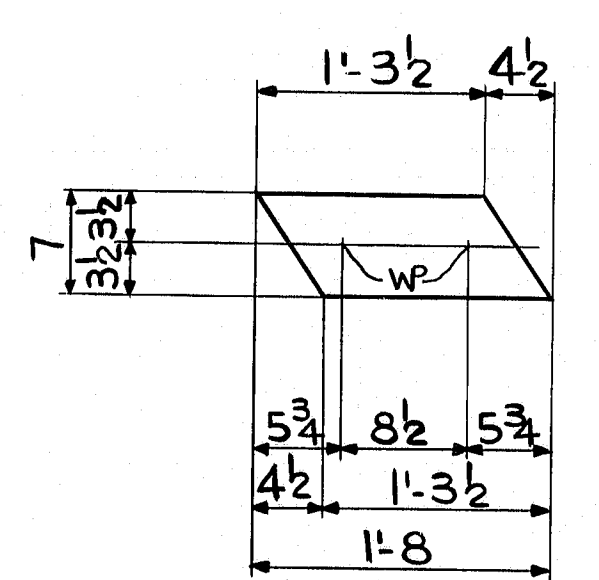
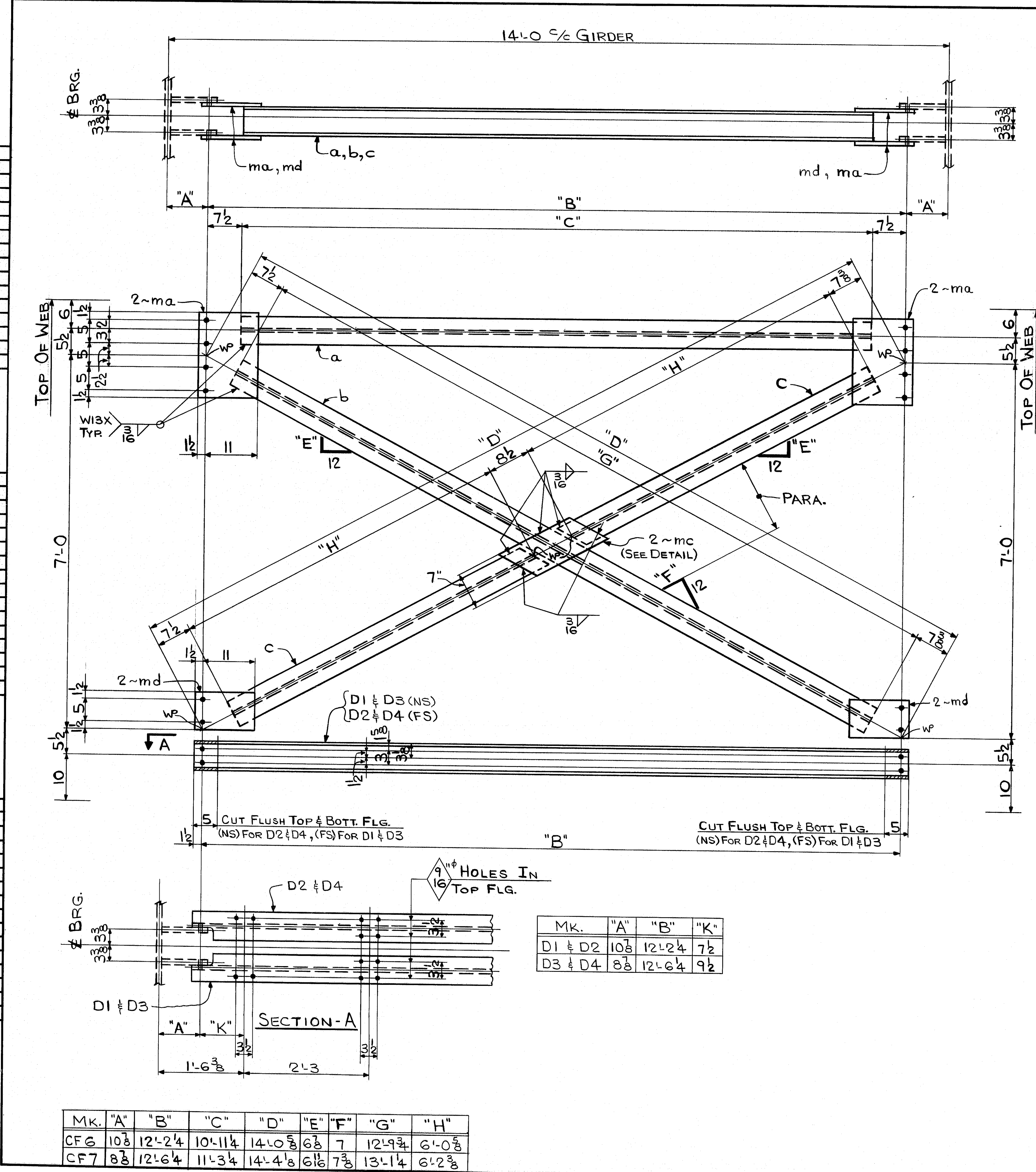


DETAIL OF BAR ~ mc

R95-179

NUMBER: 1-12 545885 NUMBER: 2 OF 4

AF 22683A



DETAIL OF BAR ~mc

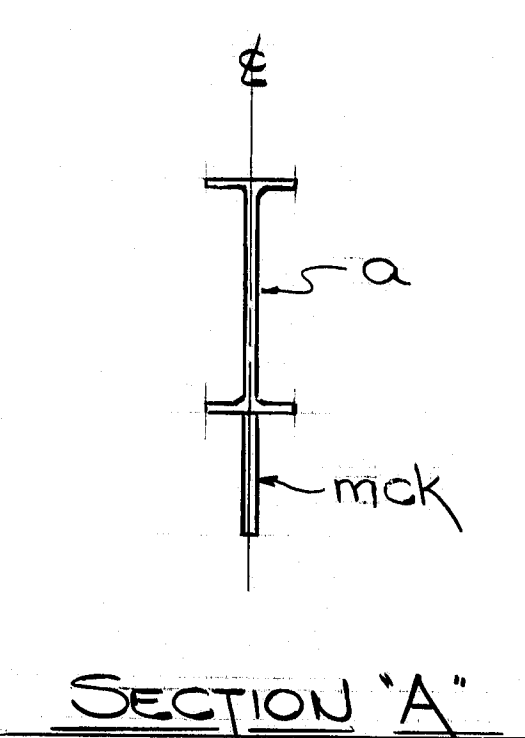
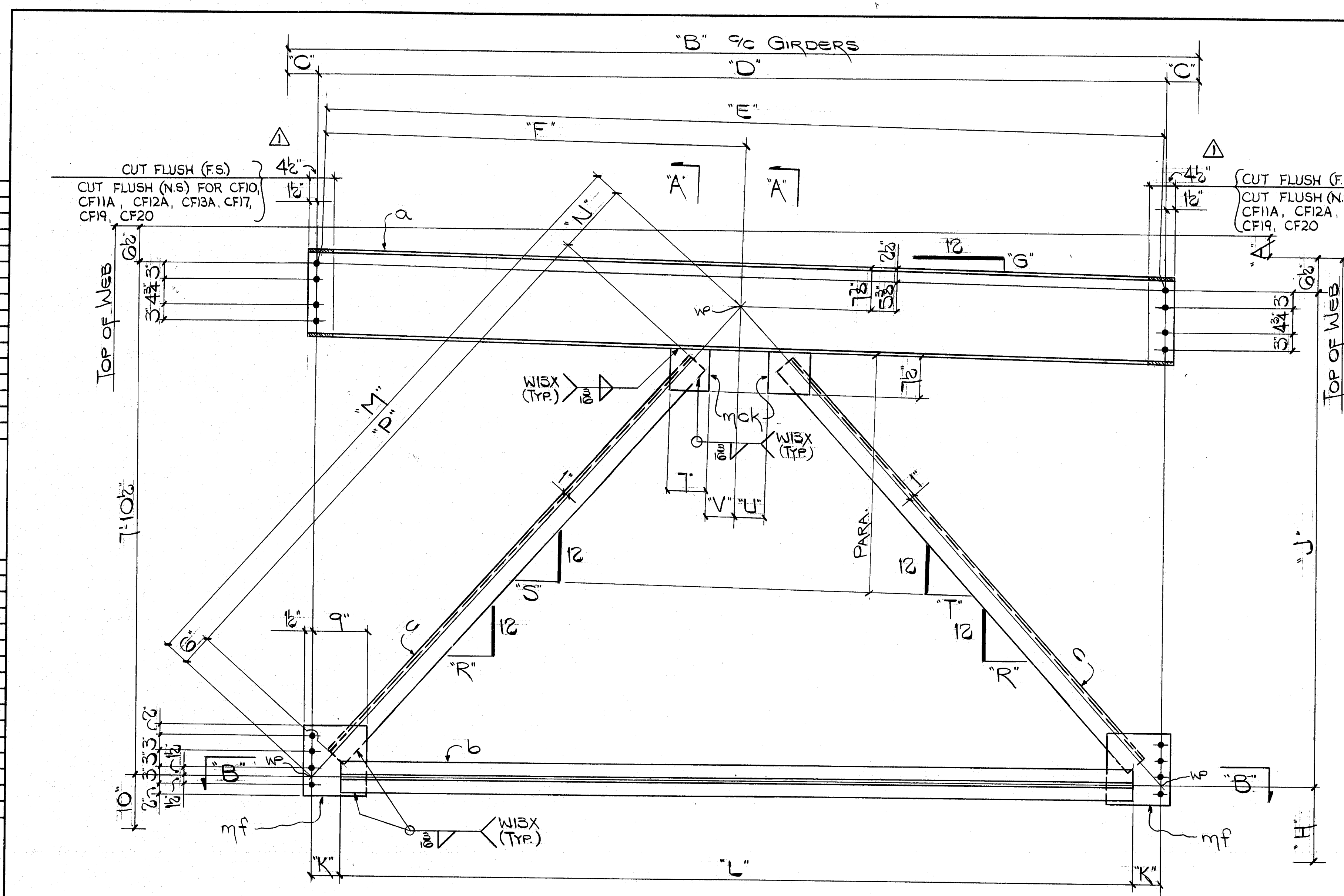
SHOP NOTE
 HOLES: 15" (U.N.)
 BOLTS: NONE
 PAINT: NONE

FOR GENERAL NOTES SEE DWG. N1

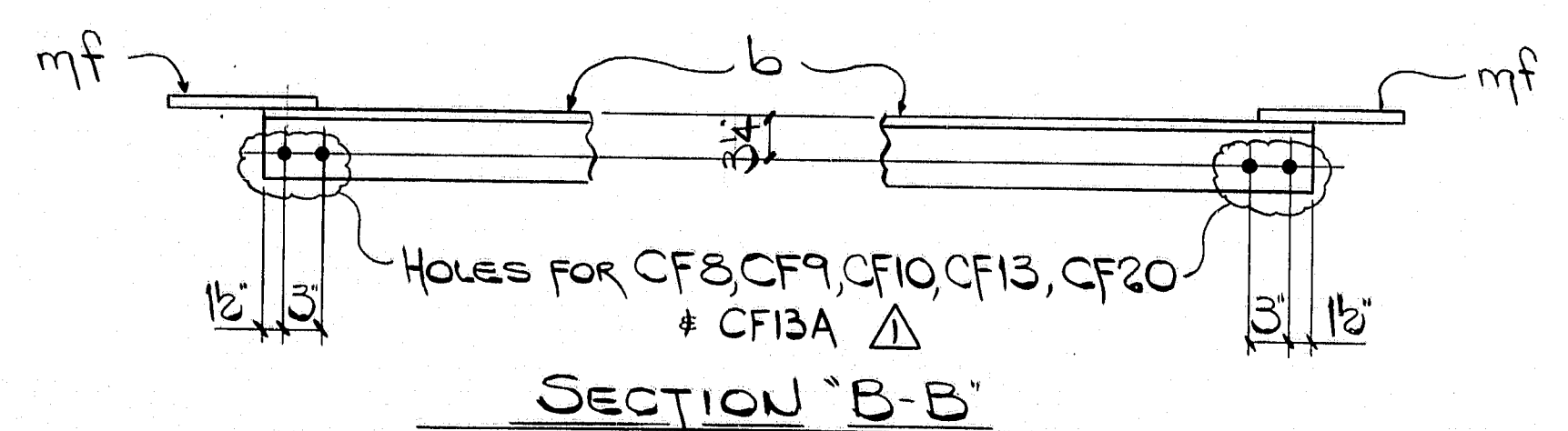
R95-180 CODE: 5300

FED. ROAD DIV. NO.		STATE		FED. AID PROJ. NO.		
1		ME		116-395-8(82)176		
BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SHIP- WEIGHT E.A.
1	CF6	CROSSFRAME				917
2	CF7	CROSSFRAME				965
1	a	WG x 20	10 11 1/4	CF6		9/20
2	a	↓	11 3 3/4	CF7		9/19
1	b		12 9 3/4	CF6		9/13
2	b		13 1 1/4	CF7		9/10
2	c	↓	6 2 3/8	CF6		9/24
4	c		WG x 20	6 4 1/4	CF7	
12	ma	# 12 1/2 x 2	1 6			9/21
6	mc	BAR 7 x 2	1 8	SEE DETAIL		9/21
12	md	BAR 8 x 2	1 0 1/2			9/21

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC. <small>1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/298-5211</small> <small>A Subsidiary of High Industries, Inc.</small>		
CROSSFRAME DETAILS (PIERS)		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	G	CONTRACTOR CIAMBRO CORP.
IN CHARGE: HINKLE	MADE BY: JLC	CHK. BY: BJK DATE: 7-27-84
CONTRACT NUMBER: ME-84088-3	DRAWING NUMBER: 3	OF 47



MARK	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	T	U	V
CF8	0	14'0"	7'8"	12'8"	12'8"	6'44"	0	10	7'10"	3'4"	12'2"	9'9"	1'01"	8'34"	10'4"	10'4"	10'4"	5'4"	5'4"
CF9	2'		7'8"	12'8"	12'8"	6'44"	10	1'02"	7'8"	3'4"		9'8"	1'15"	8'14"	10'6"	10'6"	10'6"	6'	5'
CF10	3'		7'8"	12'8"	12'8"	6'44"	4	1'10"	7'7"	3'4"		9'7"	1'10"	8'08"	10'6"	10'6"	10'6"	6'	5'
CF11	2'		5'8"	13'0"	13'0"	6'6"	10	1'08"	7'8"	5'4"		9'9"	1'15"	8'28"	10'6"	10'6"	11'	6'	5'
CF12	2'		5'8"	13'0"	13'0"	6'6"	10	1'08"	7'8"	5'4"		9'9"	1'15"	8'28"	10'6"	10'6"	11'	6'	5'
CF13	3'		5'8"	13'0"	13'0"	6'6"	4	1'10"	7'7"	5'4"		9'9"	1'10"	8'14"	10'4"	10'4"	11'4"	6'3"	5'
CF14	3'		5'8"	13'0"	13'0"	6'6"	4	1'10"	7'7"	5'4"		9'9"	1'10"	8'14"	10'4"	10'4"	11'4"	6'3"	5'
CF15	3'		5'8"	13'0"	13'0"	6'6"	4	1'10"	7'7"	5'4"		9'9"	1'10"	8'14"	10'4"	10'4"	11'4"	6'3"	5'
CF16	2'	14'0"	5'8"	13'0"	13'0"	6'6"	10	1'08"	7'8"	5'4"	12'2"	9'9"	1'10"	8'28"	10'6"	10'6"	11'	6'	5'
CF17	2'	14'0"	5'8"	13'0"	13'0"	6'6"	10	1'08"	7'8"	5'4"	12'2"	9'9"	1'10"	8'28"	10'6"	10'6"	11'	6'	5'
CF18	2'	14'0"	5'8"	13'14"	13'14"	6'6"	10	1'08"	7'8"	5'4"	12'2"	9'9"	1'10"	8'28"	10'6"	10'6"	11'6"	6'	5'
CF19	3'	14'0"	5'8"	13'14"	13'14"	6'6"	4	1'18"	7'7"	5'4"	12'2"	9'9"	1'10"	8'2"	10'6"	10'6"	11'4"	6'3"	5'
CF20	3'	14'0"	5'8"	13'14"	13'14"	6'6"	4	1'18"	7'7"	5'4"	12'2"	9'9"	1'10"	8'2"	10'6"	10'6"	11'4"	6'3"	5'



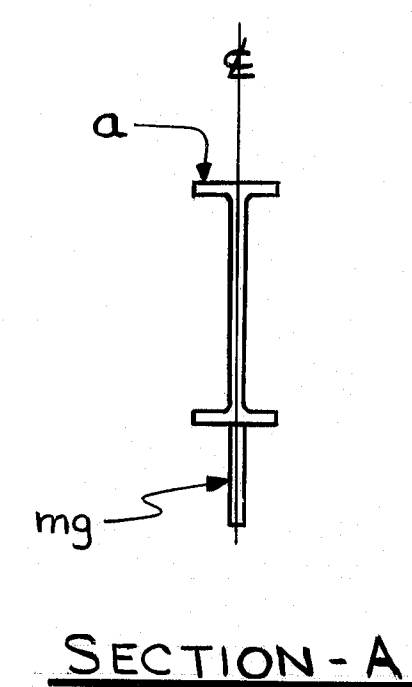
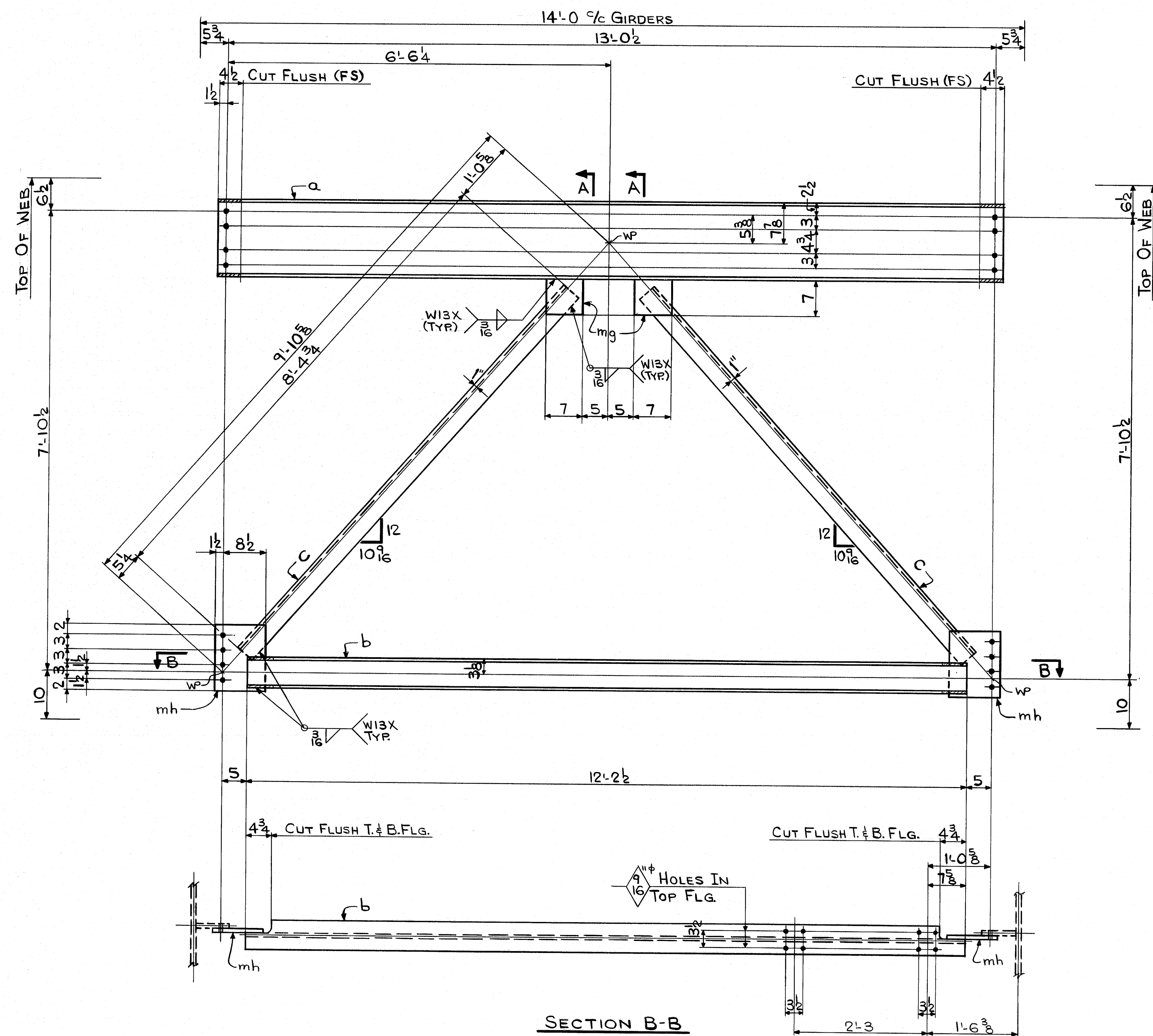
BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM
ONE	CF8	CROSSFRAME			678.
ONE	CF9				669.
2	CF10				669.
2	CF11				682.
2	CF12				680.
3	CF13				680.
2	CF13A	CROSSFRAME			680.
1	a	W16x26	12 11/2	CF8	64
1	a	W16x26	12 11/2	CF9	5/23
2	a	W16x26	13 0	CF10	5/24
4	a	W16x26	13 3/4	CF11, CF11A	5/21
10	a	W16x26	13 4	CF12, CF12A	5/22
18	b	WT5x11	12 2	CF13, CF13A	9/3
2	c	4x4x8	8 3/4	CF8	9/11
2	c	4x4x8	8 1/4	CF9	9/14
4	c	4x4x8	8 08	CF10	9/15
8	c	4x4x8	8 28	CF11, CF11A	9/16
20	c	4x4x8	8 13	CF12, CF12A	9/18
36	mf	10x8x8	1 1		9/22
36	mck	BAR 7x8	0 7/2		9/22
ONE	CF17	CROSSFRAME			680.
ONE	CF18				689.
ONE	CF19				682.
ONE	CF20	CROSSFRAME			682.
1	a	W16x26	13 3/4	CF17	5/21
1	a	W16x26	13 4/2	CF18	5/25
2	a	W16x26	13 4/2	CF19, CF20	5/25
1	b	WT5x11	12 2	CF17	9/3
3	b	WT5x11	12 2/4	CF18, CF19, CF20	9/8
2	c	4x4x8	8 2/2	CF17	9/16
2	c	4x4x8	8 2/4	CF18	9/20
4	c	4x4x8	8 2	CF19, CF20	9/31
8	mf	10x8x8			
8	mck	BAR			

SHOP NOTE
 HOLES: 1/2"
 BOLTS: NONE
 PAINT: NONE
 FOR GENERAL NOTES-SEE DWG. N1

R95-181

NO. 1	REVISION	REV. FRAMES TO	DATE 6-12-85
HIGH STEEL STRUCTURES, INC.			
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211			
CROSSFRAME DETAILS (D1 MOD.)			
I-395 BRIDGE OVER PENOBSCOT RIVER			
I-395 BRIDGE STA 164+20.00			
PENOBSCOT COUNTY			
STATE OF MAINE			
DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT OR REF. NO.	6	CONTRACTOR	CIANBRO CORP.
IN CHARGE	HINKLE	MADE BY	CS
CONTRACT NUMBER	ME-84088-3	CHK. BY	BJK
		DATE	11-27-84
		DRAWING NUMBER	4 OF 41

AP 22683A



SHOP NOTE
 HOLES: 15" (U.N.)
 BOLTS: NONE
 PAINT: NONE
 FOR GENERAL NOTES SEE DWG. N1

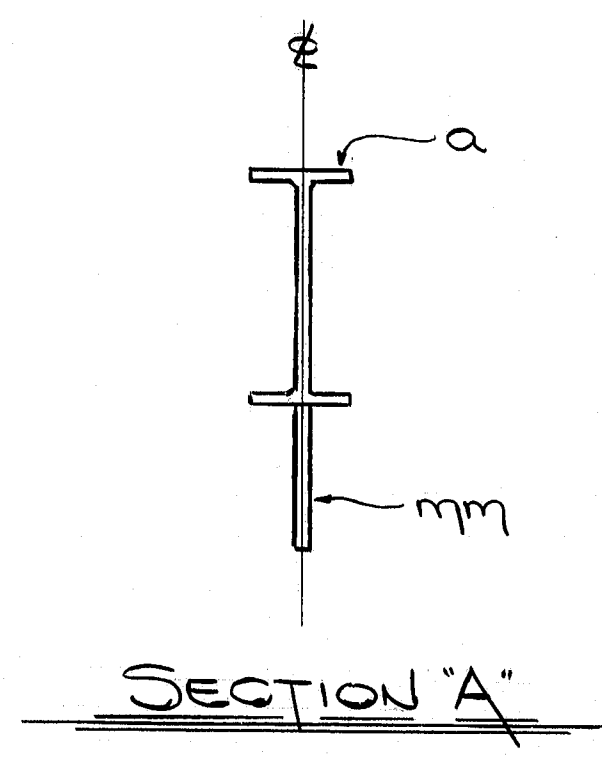
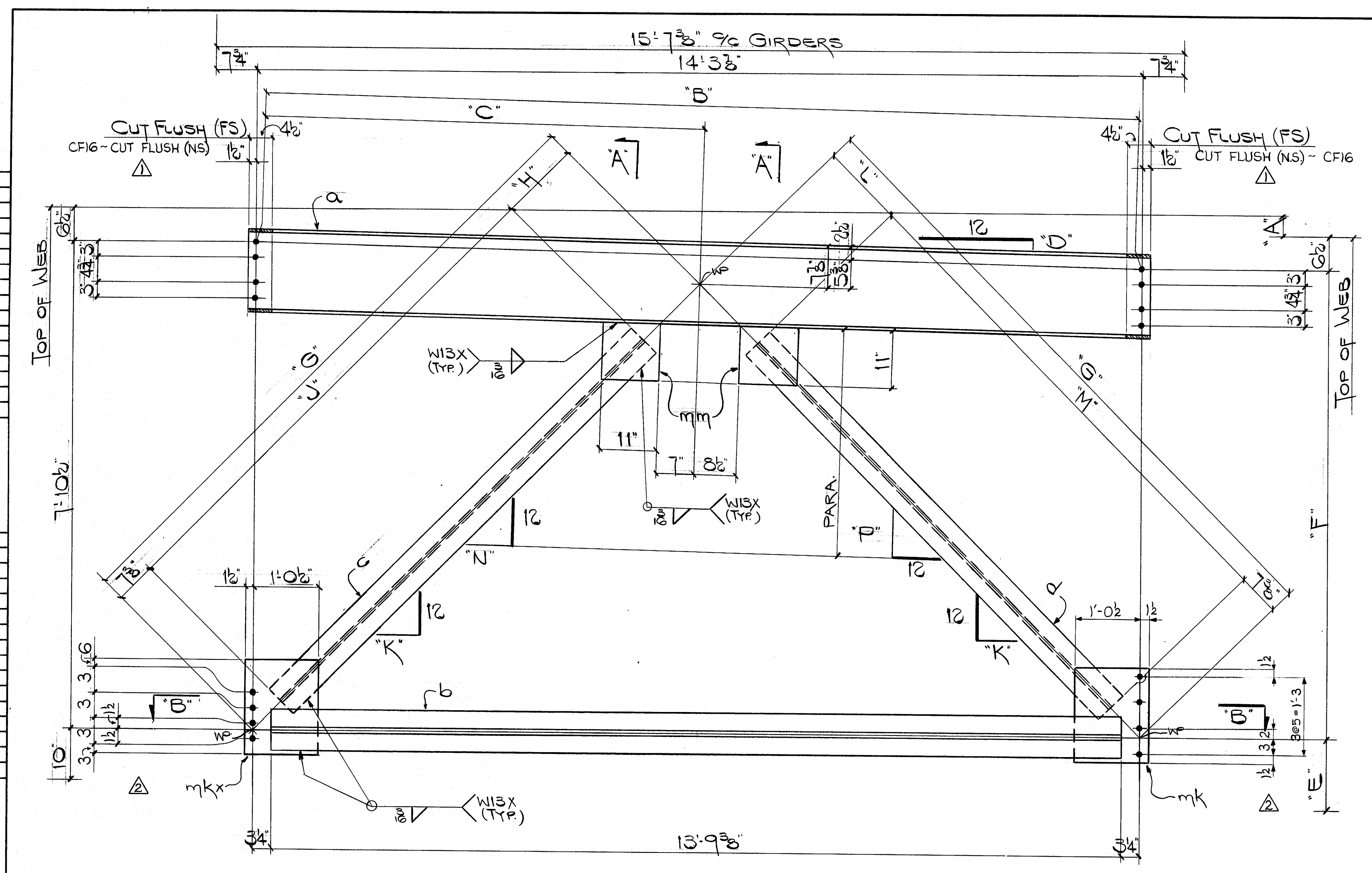
R95-182

CODE: 5300

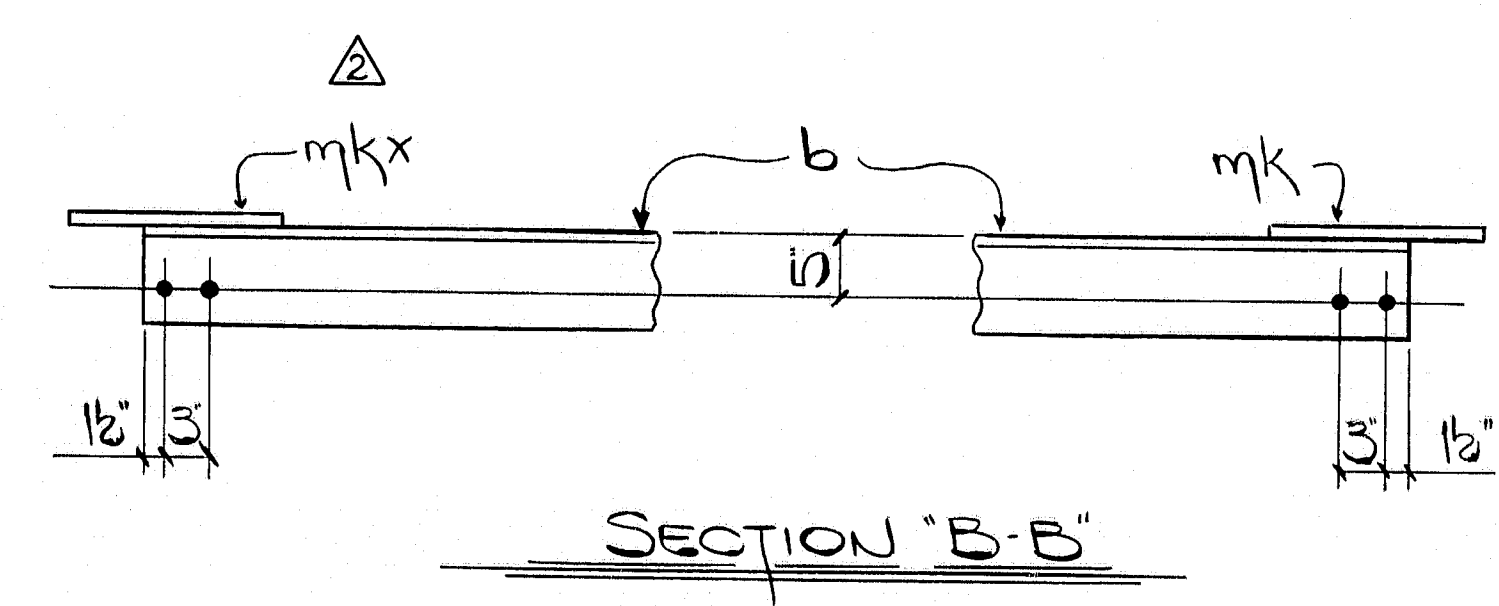
FED. ROAD DIV. NO.		STATE	FED. AID PROJ. NO.	
1		ME.	IG-3158(82)176	

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SHIP WEIGHT E.A.
3	CF14	CROSSFRAME				792
3	a	W16 x 26	13 3 1/2			6/3
3	b	W6 x 20	12 2 1/2			9/18
6	c	L4 x 4 x 3/8	8 4 1/2			9/10
6	mg	BAR 7 x 3/8	0 7			9/22
6	mh	PL 10 x 3/8	1 1			9/22

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC. 1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211 A Subsidiary of High Industries, Inc.		
CROSSFRAME DETAILS (D2 Mod.) I-395 BRIDGE OVER PENOBSCOT RIVER I-395 BRIDGE STA. 164+60.00 PENOBSCOT COUNTY STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR CIAMBRO CORP.
IN CHARGE: HINKLE	MADE BY: JLC	CHK. D. BY: BJK DATE: 7-30-84
CONTRACT NUMBER: ME-84088-3	DRAWING NUMBER: 5	OF 47



MARK	A	B	C	D	E	F	G	H	J	K	L	M	N	P
CF15	4'	14'3 1/2"	7'2 1/2"	4'	1'2"	7'0 1/2"	10'2 3/8"	1'3 1/2"	8'3 1/2"	11 1/8"	1'4"	8'3"	11 1/4"	11 1/8"
CF16	2'	14'3 3/8"	7'2"	5'	1'0"	7'8 1/2"	10'3 1/2"	1'3 1/2"	8'4"	11 1/8"	1'3 1/2"	8'4"	11 1/2"	12"



SHOP NOTE
 HOLES: 1 1/2"
 BOLTS: NONE
 PAINT: NONE
 FOR GENERAL NOTES-SEE DWG N1

R95-183

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	QTY
2		CF15 CROSSFRAME			970.
1		ONE CF16 CROSSFRAME			975.
2	a	W16x26	14'7 3/8"	CF15	5/20
1	a	W16x26	14'7 3/8"	CF16	6/20
3	b	WT7x21.5	13'9 3/8"		6/1
2	c	WT6x13	8'3 1/2"	CF15	6/28
1	c	WT6x13	8'4"	CF16	6/30
2	d	WT6x13	8'3"	CF15	6/29
1	d	WT6x13	8'4"	CF16	6/30
3	mkx	R 14 x 3/8	1'6"		9/22
3	mk	R 14 x 3/8	1'6"		9/22
6	mm	R 11 x 3/8	0'11"		9/22

NO. 1	REVISION	REV. BOT. LEFT QUSET R. TO MATCH GDR.	DATE 6-25-85
NO. 2	REVISION	REV. CF16 TO OPP. HAND	DATE 6-12-85

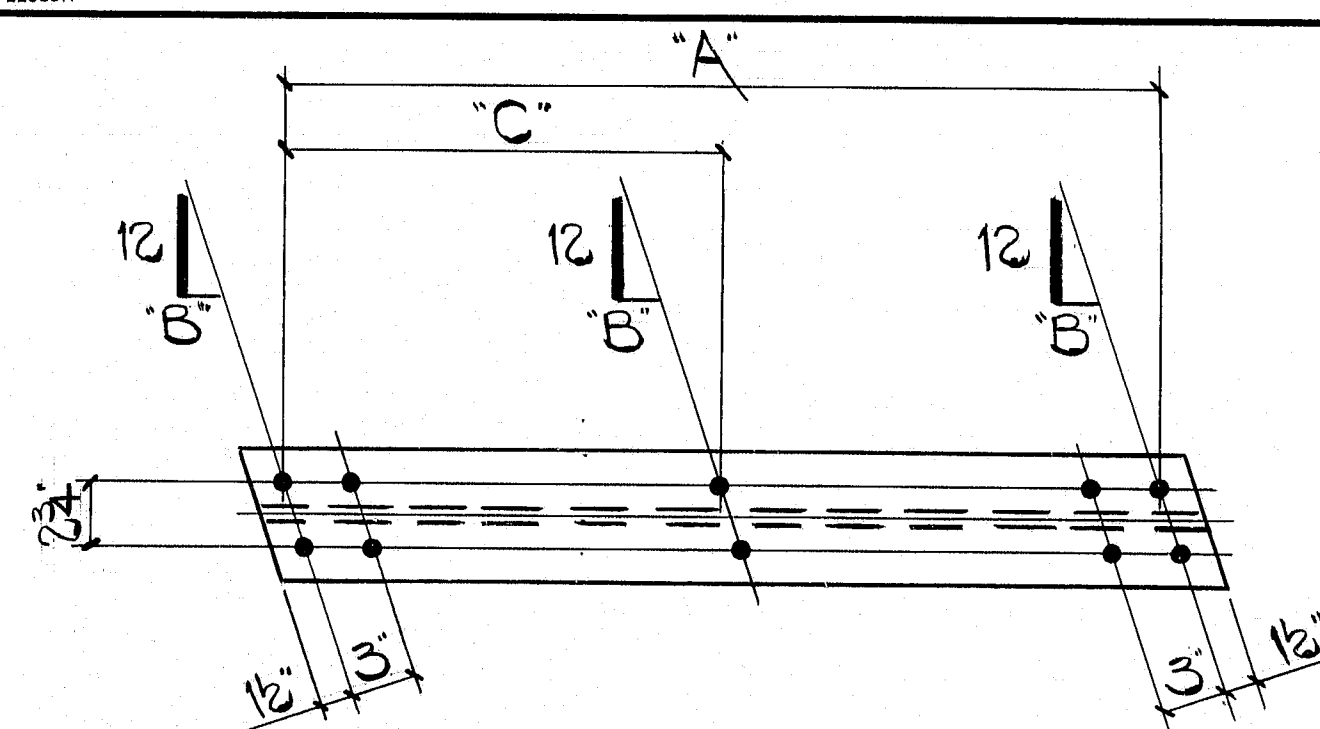
HIGH STEEL STRUCTURES, INC.
 1905 Old Philadelphia Pike
 Lancaster, Pennsylvania 17603
 Phone 717/299-5211
 A Subsidiary of High Industries, Inc.

CROSSFRAME DETAILS (DS MOD.)
 I-395 BRIDGE OVER PENOBSCOT RIVER
 I-395 BRIDGE STA 164+60.00
 PENOBSCOT COUNTY
 STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION

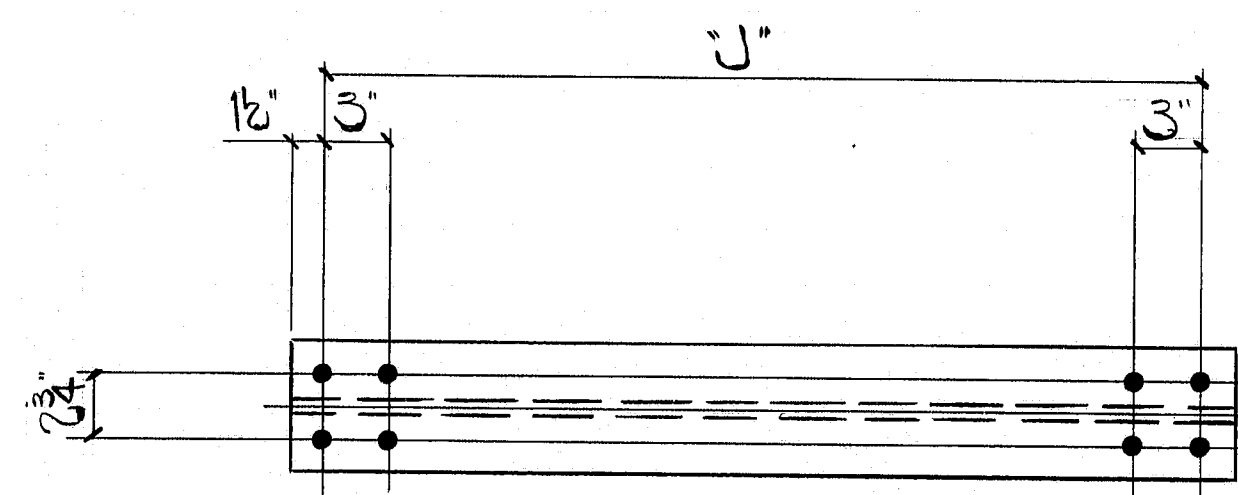
STATE CONTRACT OR REF. NO. 6 CONTRACTOR CIABRO CORP.

IN CHARGE: HINKLE MADE BY: CS CHK'D BY: BJK DATE: 11-27-84
 CONTRACT NUMBER: ME84088-3 DRAWING NUMBER: 6 OF 47

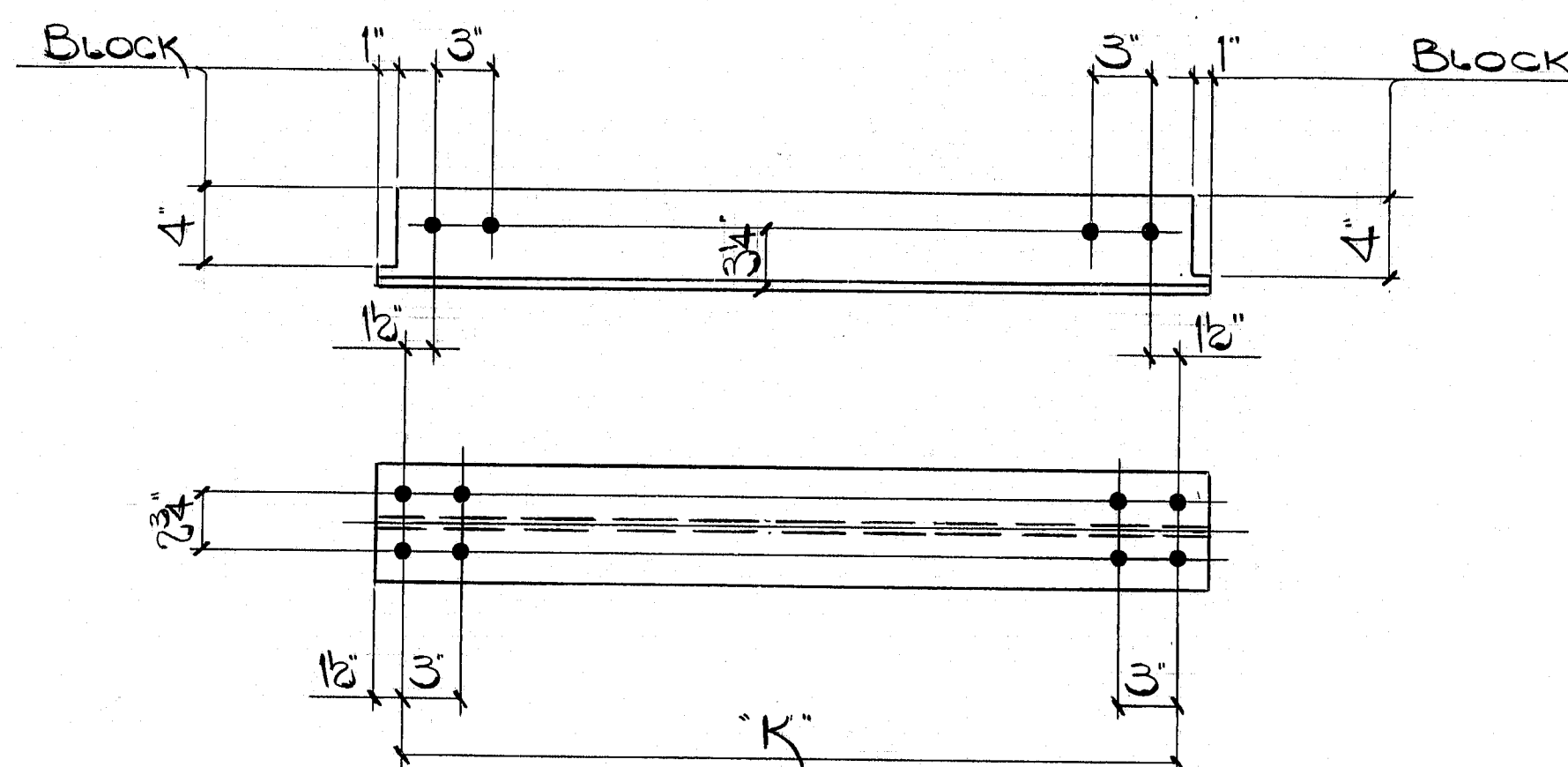
AF 22653A



MARK	A	B	C	MARK	A	B	C
A1	14'11 1/2"	5 1/2"	7'5 3/8"	A9	15'0 3/4"	5 1/4"	7'9 1/2"
A2	14'11 1/2"	5 1/2"	7'5 3/8"	A10	15'0 3/4"	5 1/4"	7'11 1/8"
A3	14'10 3/4"	5 1/2"	7'5 3/8"	A11	15'9 3/8"	5 1/2"	7'10 3/8"
A4	14'10 3/4"	5 1/2"	7'5 3/8"	A12	16'1 1/2"	5 1/2"	8'0 3/8"
A5	15'3 3/8"	5 1/2"	7'7 1/2"	A13	16'1 1/2"	5"	8'0 3/8"
A6	15'2 3/8"	5 1/2"	7'7 1/2"	A14	14'11"	5 1/2"	7'5 1/2"
A7	15'6 3/8"	5 1/2"	7'9 3/8"	A15	14'10 3/8"	5 1/2"	7'5 1/2"
A8	15'6 3/8"	5 1/4"	7'9 3/8"	A16	14'10 3/8"	5 1/2"	7'5 1/2"

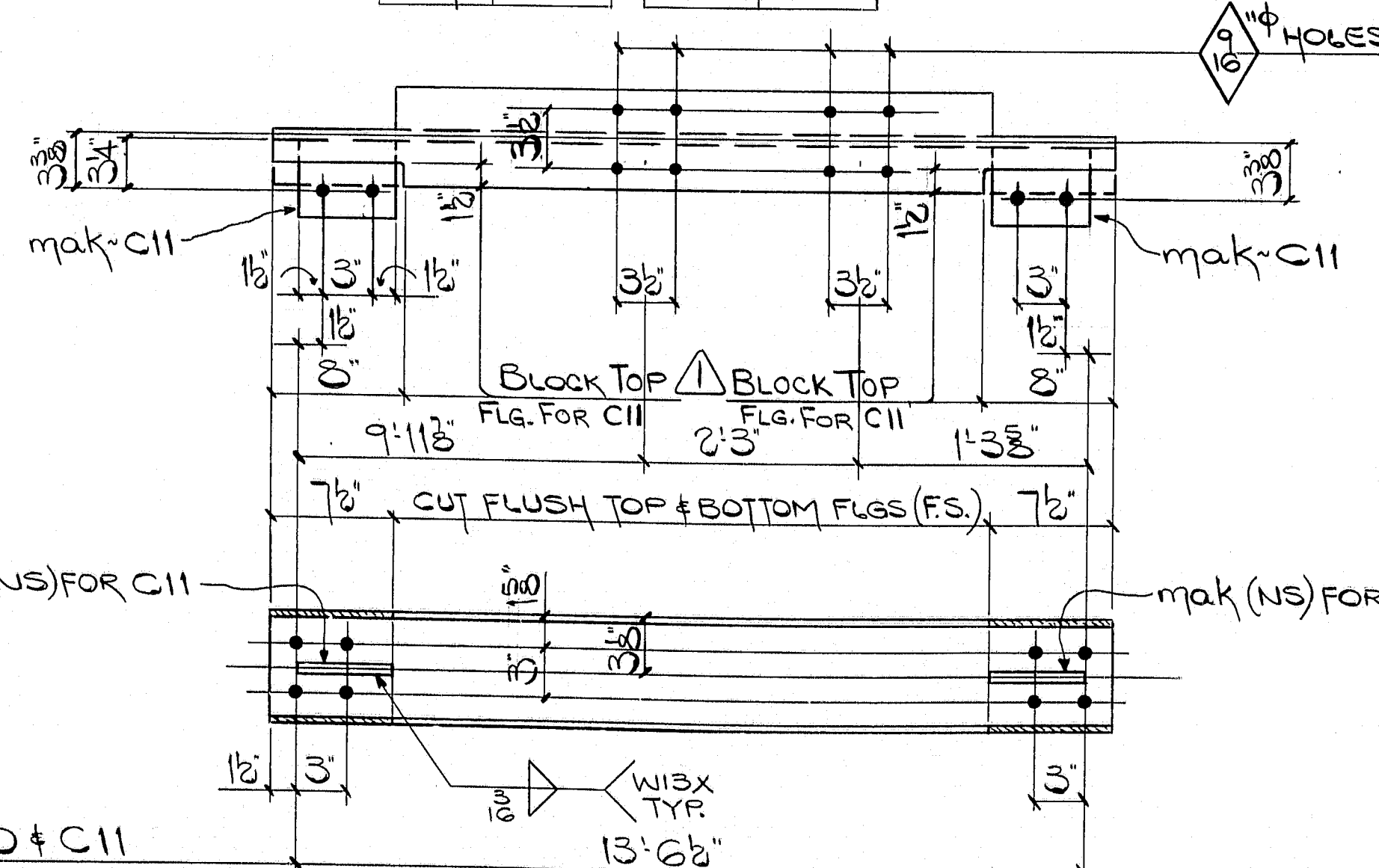


MARK	J	MARK	J
C1	13'6 1/2"	C3	14'2 1/2"
C2	13'11"	C4	14'6 1/2"



MARK	D	E	F	G	H	MARK	D	E	F	G	H
B1	14'11 1/2"	7'5 3/8"	5 1/2"	10 1/2"	mp	B9	15'6 3/8"	7'9 1/2"	5 1/4"	11 1/2"	mac
B2	14'11 1/2"	7'5 3/8"	5 1/2"	10 1/2"	ms	B10	15'0 3/4"	7'11 1/8"	5 1/4"	11 1/2"	mac
B3	14'10 3/4"	7'5 3/8"	5 1/2"	10 1/2"	mt	B11	15'9 3/8"	7'10 3/8"	5 1/2"	11 1/2"	mad
B4	14'10 3/4"	7'5 3/8"	5 1/2"	10 1/2"	mt	B12	16'1 1/2"	8'0 3/8"	5 1/2"	11 1/2"	mad
B5	15'3 3/8"	7'7 1/2"	5 1/2"	10 1/2"	mw	B13	16'1 1/2"	8'0 3/8"	5"	11 1/2"	maf
B6	15'2 3/8"	7'7 1/2"	5 1/2"	10 1/2"	my	B14	14'11"	7'5 1/2"	5 1/2"	10 1/2"	mag
B7	15'6 3/8"	7'9 3/8"	5 1/2"	10 1/2"	mqa	B15	14'10 3/8"	7'5 1/2"	5 1/2"	10 1/2"	mah
B8	15'6 3/8"	7'9 3/8"	5 1/4"	11 1/2"	mab	B16	14'10 3/8"	7'5 1/2"	5 1/2"	10 1/2"	mt

MARK	K	MARK	K
C5	13'6 1/2"	C8	14'6 1/2"
C6	13'11"	C9	14'10 3/8"
C7	14'2 1/2"		



MS1	2'2 3/4"
MS2	1'6 3/4"
MS3	4'8 1/2"

NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SHIP WEIGHT
22	C1	WT5x11	13 9/2		8 25	152
2	C2		14 2		8 23	156
2	C3		14 5 3/4		8 22	159
2	C4	WT5x11	14 9/2		8 21	163
52	C5	WT5x11	13 9/2		8 25	152
ONE	C6		14 2		8 23	156
ONE	C7		14 5 3/4		8 22	159
ONE	C8		14 9/2		8 21	163
3	C9	WT5x11	15 1 1/4		8 20	166
17	C10	WGx20	13 9/2		9 27	275
4	C11	WGx20	13 9/2		9 26	284
8	mak	BAR 4 3/4 x 2	0 6		9 21	
22	MS1	1/2 x 3 x 3/8	2 2 3/4		9 26	16
ONE	MS2	1/2 x 3 x 3/8	1 0 3/4		9 27	11
24	MS3	1/2 x 3 x 3/8	4 8 1/2		9 26	34

NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SHIP WEIGHT
29	A1	WT5x11	15 5 1/4		8 16	170
9	A2		15 5 3/8		8 16	170
2	A3		15 4 3/4		8 19	170
74	A4		15 4 1/2		8 19	170
ONE	A5		15 9 1/4		8 12	173
2	A6		15 8 3/4		8 13	173
ONE	A7		16 0 1/2		8 9	177
ONE	A8		16 0 1/2		8 10	176
ONE	A9		15 11 1/2		8 11	176
ONE	A10		16 4		8 7	180
2	A11		16 3 3/8		8 8	179
ONE	A12		16 7 3/8		8 5	183
2	A13		16 6 1/2		8 6	182
17	A14		15 4 1/2		8 17	170
2	A15		15 4 3/8		8 18	170
2	A16	WT5x11	15 4 1/2		8 18	170
29	B1	WT5x11	15 5 1/4		8 16	181
9	B2		15 5 3/8		8 16	181
2	B3		15 4 3/4		8 19	180
74	B4		15 4 1/2		8 19	180
ONE	B5		15 9 1/4		8 12	184
2	B6		15 8 3/4		8 13	184
ONE	B7		16 0 1/2		8 9	188
ONE	B8		16 0 1/2		8 10	187
ONE	B9		15 11 1/2		8 11	187
ONE	B10		16 4		8 7	191
2	B11		16 3 3/8		8 8	190
ONE	B12		16 7 3/8		8 5	194
2	B13		16 6 1/2		8 6	193
17	B14		15 4 1/2		8 17	181
2	B15		15 4 3/8		8 18	180
2	B16	WT5x11	15 4 1/2		8 18	180
29	mp	BAR 6 x 2	1 0 3/8	B1	9 21	
9	ms		1 1	B2		
78	mt		1 1 1/2	B3, B4, B16		
1	mw		1 1 1/2	B5		
2	my		1 1 1/2	B6		
1	mqa		1 1 1/2	B7		
1	mab		1 1 1/2	B8		
2	mac		1 1 1/2	B9, B10		
3	mad		1 2 3/8	B11, B12		
2	mof		1 2 3/8	B13		
17	mog		1 1	B14		
2	mph	BAR 6 x 2	1 1	B15	9 21	

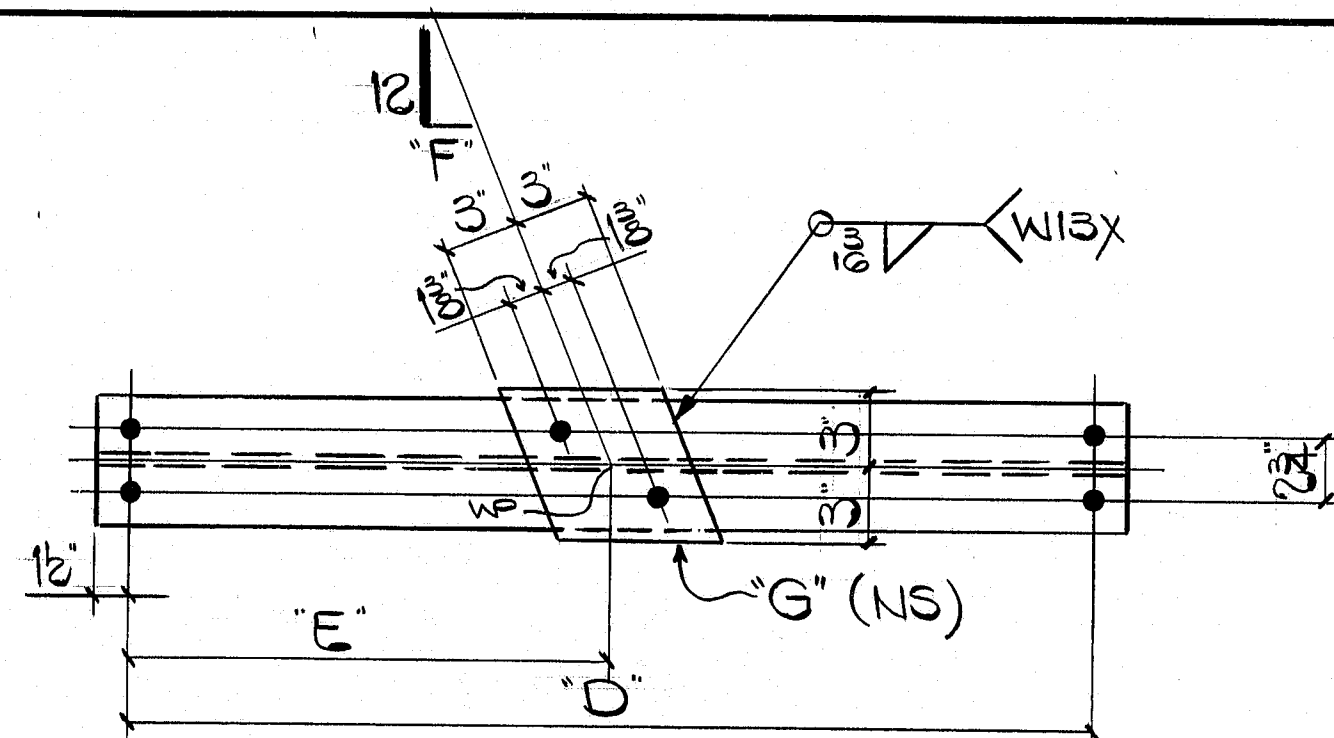
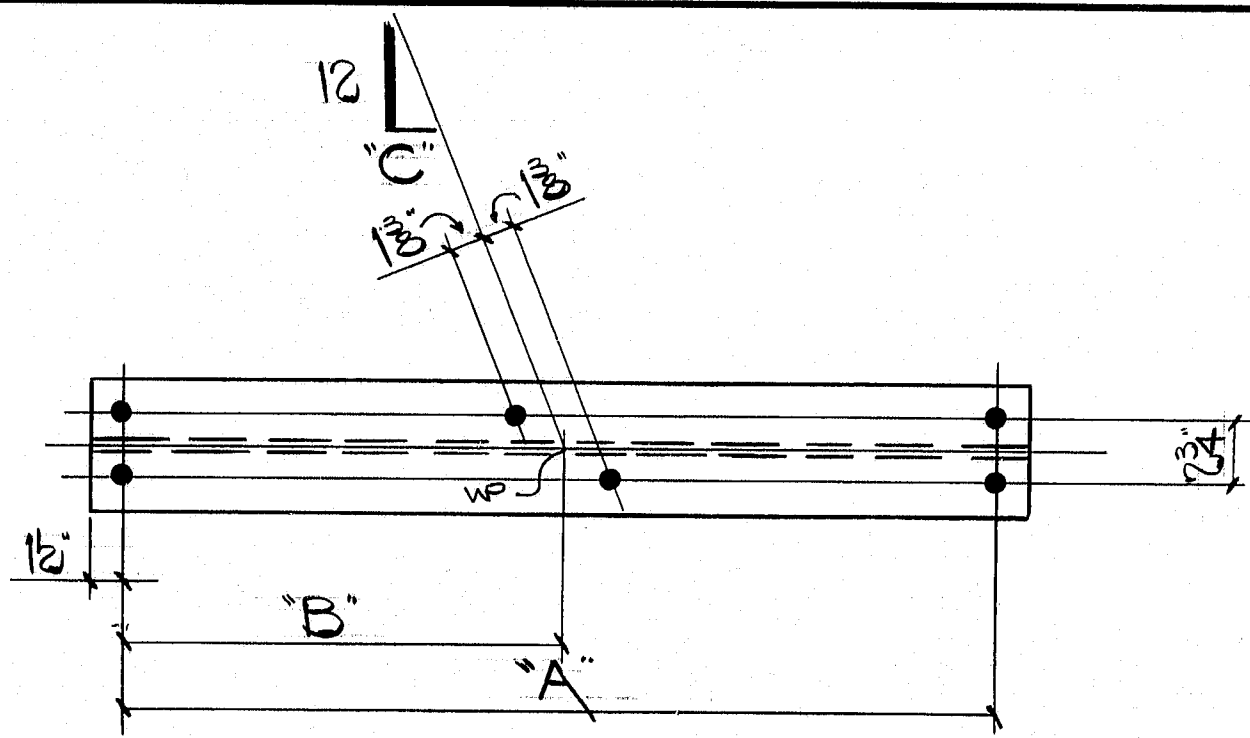
SHOP NOTE

HOLES: 15/16" (UNLESS NOTED)
 BOLTS: NONE
 PAINT: NONE
 FOR GENERAL SHOP NOTES SEE DWG N1

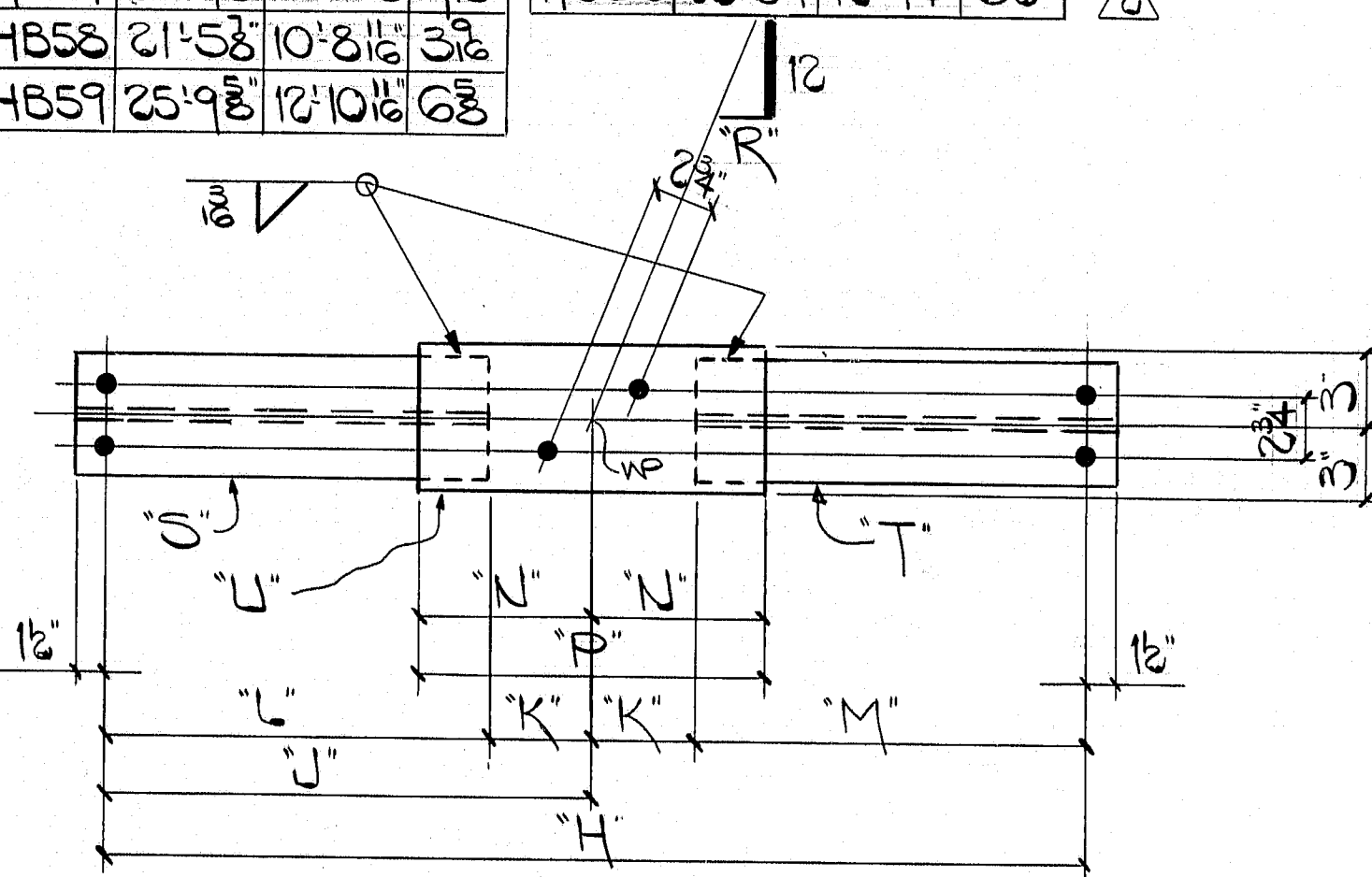
R95-184 CODE: 5300

NO. 1	REVISION	REMOVE TOP FLG. BLOCK FOR C10	DATE 2-27-84
<p>HIGH STEEL STRUCTURES, INC.</p> <p>1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211</p> <p>A Subsidiary of High Industries, Inc.</p>			
<p>CROSSFRAMES</p> <p>I-395 BRIDGE OVER PENOBSCOT RIVER</p> <p>I-395 BRIDGE STA. 164+20.00</p> <p>PENOBSCOT COUNTY</p> <p>STATE OF MAINE</p> <p>DEPARTMENT OF TRANSPORTATION</p>			
STATE CONTRACT OR REF. NO.	6	CONTRACTOR	CIANERO CORP.
IN CHARGE	HINKLE	MADE BY	C.S. JLC
CHARGE	ME-84088-3	CHK. DATE	9-26-84
DRAWING NUMBER	7	OF	47

AF 22003A

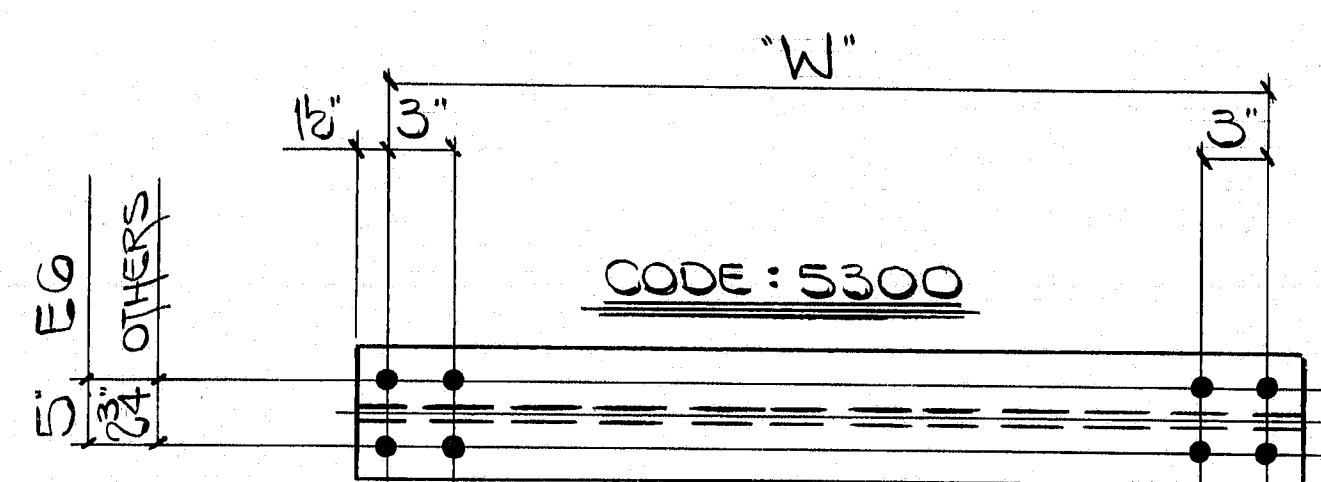


MARK	"A"	"B"	"C"	MARK	"A"	"B"	"C"
HB1	26'08"	12'11 1/2"	6 1/8"	HB25	26'08"	13'3 1/2"	7 1/8"
HB3	26'10"	13'4 1/2"	7 1/8"	HB27	26'11"	13'0 1/2"	6 1/8"
HB5	25'6"	12'9"	6 1/2"	HB29	26'04"	12'11 1/4"	6 1/8"
HB7	23'7 1/2"	11'9 1/2"	5 1/2"	HB31	25'9 1/2"	12'10 1/2"	6 1/8"
HB9	22'7 1/2"	11'3 1/2"	4 1/2"	HB33	26'11 1/2"	13'5 1/2"	7 1/8"
HB11	26'11 1/4"	13'5 1/2"	7 1/8"	HB35	26'7 1/2"	13'1 1/4"	6 1/8"
HB13	26'6 1/2"	13'3 1/2"	7 1/8"	HB37	26'8 1/2"	13'2"	6 1/8"
HB15	26'7 1/2"	13'3 1/2"	7 1/8"	HB39	26'10 1/2"	13'3 1/2"	6"
HB19	23'10 1/2"	11'10 1/2"	5 1/2"	HB41	27'0 1/2"	13'4 1/2"	5 1/2"
HB21	21'10"	10'10 1/2"	3 1/2"	HB43	26'7 1/2"	13'1 1/2"	5 1/2"
HB23	21'6 1/2"	10'9 1/2"	3 1/2"	HB45	26'9 1/4"	13'2 1/2"	5 1/2"
HB25	26'7 1/2"	13'4 1/2"	7 1/8"	HB47	26'11 1/2"	13'3 1/2"	5 1/2"
HB27	21'5 1/2"	10'8 1/2"	3 1/2"	HB49	25'9 1/2"	12'9 1/2"	6 1/2"
HB29	25'9 1/2"	12'10 1/2"	6 1/8"				



MARK	"H"	"J"	"K"	"L"	"M"	"N"	"P"	"R"	"S"	"T"	"U"
HB49	25'6 1/2"	12'9 1/2"	5 1/2"	12'4"	12'3 1/4"	9"	1'6"	6 1/2"	mckambk	mda	
HB50	23'7 1/2"	11'9 1/2"	5 1/2"	11'4 1/2"	11'5 1/2"	8 1/2"	1'5"	5 1/2"	mbm	mbn	mcf
HB51	26'7 1/2"	13'4 1/2"	6"	12'10 1/2"	12'9 1/2"	9 1/2"	1'7"	7 1/8"	mcm	mcp	md
HB52	26'7 1/2"	13'3 1/2"	6"	12'9 1/2"	12'10 1/2"	9 1/2"	1'7"	7 1/8"	mbm	mbt	md
HB53	21'5 1/2"	10'8 1/2"	3 1/2"	10'3 1/2"	10'4 1/2"	8"	1'4"	3 1/2"	mcm	mbw	mcq
HB54	26'8 1/2"	13'3 1/2"	6"	12'9 1/2"	12'10 1/2"	9 1/2"	1'7"	7 1/8"	mbm	mca	md
HB55	25'9 1/2"	12'10 1/2"	5 1/2"	12'4 1/2"	12'5 1/2"	9"	1'6"	6 1/2"	mcb	mcc	mch

MARK	"D"	"E"	"F"	"G"	MARK	"D"	"E"	"F"	"G"
HB2	26'08"	12'11 1/2"	6 1/8"	mam	HB26	26'08"	13'3 1/2"	7 1/8"	map
HB4	26'10"	13'4 1/2"	7 1/8"	mam	HB28	26'11"	13'0 1/2"	6 1/8"	mam
HB6	25'6"	12'9"	6 1/2"	mcp	HB30	26'04"	12'11 1/4"	6 1/8"	mam
HB8	23'7 1/2"	11'9 1/2"	5 1/2"	mas	HB32	25'9 1/2"	12'10 1/2"	6 1/8"	mab
HB10	22'7 1/2"	11'3 1/2"	4 1/2"	mpt	HB34	26'9 1/2"	13'4 1/2"	7 1/8"	mab
HB12	26'11 1/4"	13'5 1/2"	7 1/8"	man	HB36	25'9 1/2"	12'9 1/2"	6 1/8"	mab
HB14	26'6 1/2"	13'3 1/2"	7 1/8"	mcp	HB38	25'10 1/2"	12'9 1/2"	6 1/8"	mab
HB16	26'7 1/2"	13'3 1/2"	7 1/8"	mcp	HB40	26'08"	12'10 1/2"	6"	mab
HB20	23'10 1/2"	11'10 1/2"	5 1/2"	maw	HB42	26'2 1/2"	12'11 1/2"	5 1/2"	mab
HB22	21'10"	10'10 1/2"	3 1/2"	maw	HB44	26'5 1/4"	13'0 1/2"	5 1/2"	maw
HB24	21'6 1/2"	10'9 1/2"	3 1/2"	mab	HB46	26'3 1/2"	12'11 1/2"	5 1/2"	maw
HB26	26'08"	13'3 1/2"	7 1/8"	map	HB48	26'1 1/2"	12'10 1/2"	5 1/2"	maw



SHOP NOTE DIFFERENT WEIGHT WT'S.

MARK	"W"	MARK	"W"
E1	13'6 1/2"	E4	14'6 1/2"
E2	13'11"	E5	14'10 1/2"
E3	14'2 1/2"	E6	13'6 1/2"

NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SHIPT WEIGHT
1	HB46	WT5 x 11	26'08"		1	300
1	HB48	WT5 x 11	26'04"		1	298
6	mam	BAR G x 2	0'10 1/2"	HB2, HB28, HB30	2	21
15	man		0'10 1/2"	HB4, HB12	1	1
18	mab		0'10 1/2"	HB6	1	1
6	mas		0'9 1/2"	HB8	1	1
8	mat		0'8 1/2"	HB10	1	1
7	maw		0'9 1/2"	HB18, HB20, HB44, HB46, HB48	1	1
4	may		0'8 1/2"	HB22	1	1
6	mab		0'8 1/2"	HB24	1	1
3	mab		0'10 1/2"	HB32	1	1
1	mab		0'10 1/2"	HB34	1	1
1	mab		0'10 1/2"	HB36	1	1
1	mab		0'9 1/2"	HB38	1	1
1	mab		0'9 1/2"	HB40	1	1
1	mab		0'9 1/2"	HB42	1	1
1	mab		0'9 1/2"	HB44	1	1
1	mab		0'9 1/2"	HB46	1	1
1	mab		0'9 1/2"	HB48	1	1
1	mab		0'9 1/2"	HB50	1	1
1	mab		0'9 1/2"	HB52	1	1
1	mab		0'9 1/2"	HB54	1	1
1	mab		0'9 1/2"	HB56	1	1
1	mab		0'9 1/2"	HB58	1	1
1	mab		0'9 1/2"	HB60	1	1
1	mab		0'9 1/2"	HB62	1	1
1	mab		0'9 1/2"	HB64	1	1
1	mab		0'9 1/2"	HB66	1	1
1	mab		0'9 1/2"	HB68	1	1
1	mab		0'9 1/2"	HB70	1	1
1	mab		0'9 1/2"	HB72	1	1
1	mab		0'9 1/2"	HB74	1	1
1	mab		0'9 1/2"	HB76	1	1
1	mab		0'9 1/2"	HB78	1	1
1	mab		0'9 1/2"	HB80	1	1
1	mab		0'9 1/2"	HB82	1	1
1	mab		0'9 1/2"	HB84	1	1
1	mab		0'9 1/2"	HB86	1	1
1	mab		0'9 1/2"	HB88	1	1
1	mab		0'9 1/2"	HB90	1	1
1	mab		0'9 1/2"	HB92	1	1
1	mab		0'9 1/2"	HB94	1	1
1	mab		0'9 1/2"	HB96	1	1
1	mab		0'9 1/2"	HB98	1	1
1	mab		0'9 1/2"	HB100	1	1

NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SHIPT WEIGHT
2	HB1	WT5 x 11	26'3 1/2"		1	289
11	HB3		27'1 1/2"		1	298
6	HB5		25'9"		1	283
7	HB7		23'10 1/2"		1	264
8	HB9		22'10 1/2"		1	252
4	HB11		27'2 1/4"		1	300
6	HB13		26'9 1/2"		1	295
7	HB15		26'10 1/2"		1	296
4	HB19		24'1 1/2"		1	266
4	HB21		22'1"		1	243
6	HB23		21'9 1/2"		1	240
7	HB25		26'11 1/2"		1	297
1	HB27		26'4"		1	290
3	HB29		26'3 1/4"		1	289
3	HB31		26'0 1/2"		1	286
1	HB33		27'2 1/2"		1	300
1	HB35		26'10 1/2"		1	296
1	HB37		26'11 1/2"		1	297
1	HB39		27'1 1/2"		1	298
1	HB41		27'0 1/2"		1	300
1	HB43		26'7 1/2"		1	296
1	HB45		26'9 1/4"		1	295
1	HB47		26'11 1/2"		1	295
1	HB49		25'9 1/2"		1	287
2	HB2	WT5 x 11	26'3 1/2"		1	298
11	HB4		27'1 1/2"		1	307
6	HB6		25'9"		1	292
6	HB8		23'10 1/2"		1	271
8	HB10		22'10 1/2"		1	259
4	HB12		27'2 1/4"		1	308
6	HB14		26'9 1/2"		1	304
6	HB16		26'10 1/2"		1	305
4	HB20		24'1 1/2"		1	273
4	HB22		22'1"		1	250
6	HB24		21'9 1/2"		1	246
6	HB26		26'11 1/2"		1	305
1	HB28		26'4"		1	298
3	HB30		26'3 1/4"		1	298
3	HB32		26'0 1/2"		1	295
1	HB34		27'0 1/2"		1	307
1	HB36		26'0 1/2"		1	295
1	HB38		26'1 1/2"		1	296
1	HB40		26'3 1/2"		1	298
1	HB42		26'5 1/4"		1	299
1	HB44	WT5 x 11	26'8 1/4"		1	301

SHOP NOTE

HOLES: 1 1/2"

BOLTS: NONE

PAINT: NONE

FOR GENERAL SHOP NOTES SEE DWG. N1

R95-185

Code: 5500 (U.N.)

1905 Old Philadelphia Pike
Lancaster, Pennsylvania 17603
Phone 717/298-5211

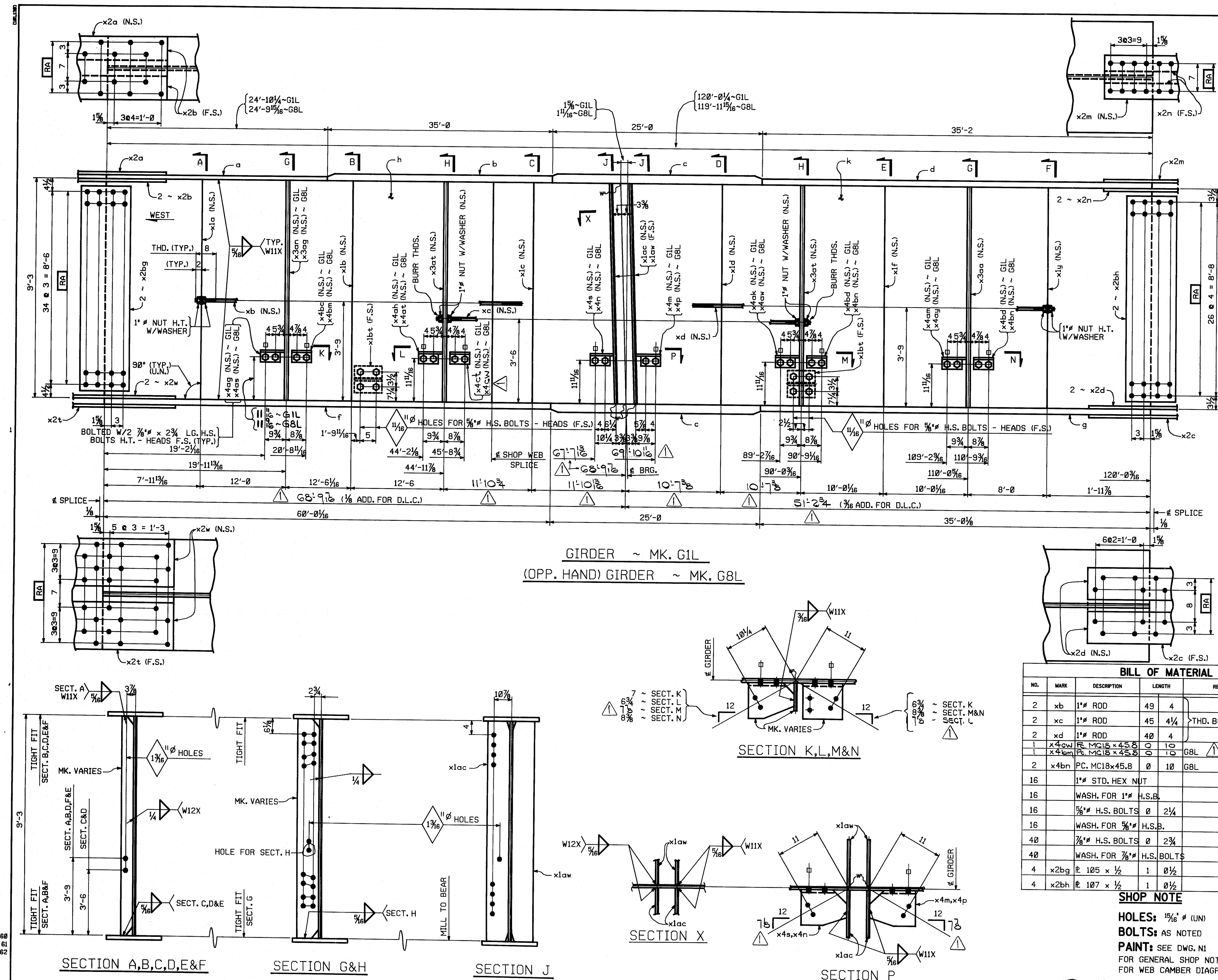
HIGH STEEL STRUCTURES, INC.
A Subsidiary of High Industries, Inc.

HORIZONTAL BRACING & CROSSFRAMES
I-395 BRIDGE OVER PENOBSCOT RIVER
I-395 BRIDGE STA 164+60.00
PENOBSCOT COUNTY
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE CONTRACT NO. REF. NO. 6 CONTRACTOR CIAMRO CORP.

IN CHARGE: HINKLE BY: C.S. CHK'D: JLC DATE: 9-26-84

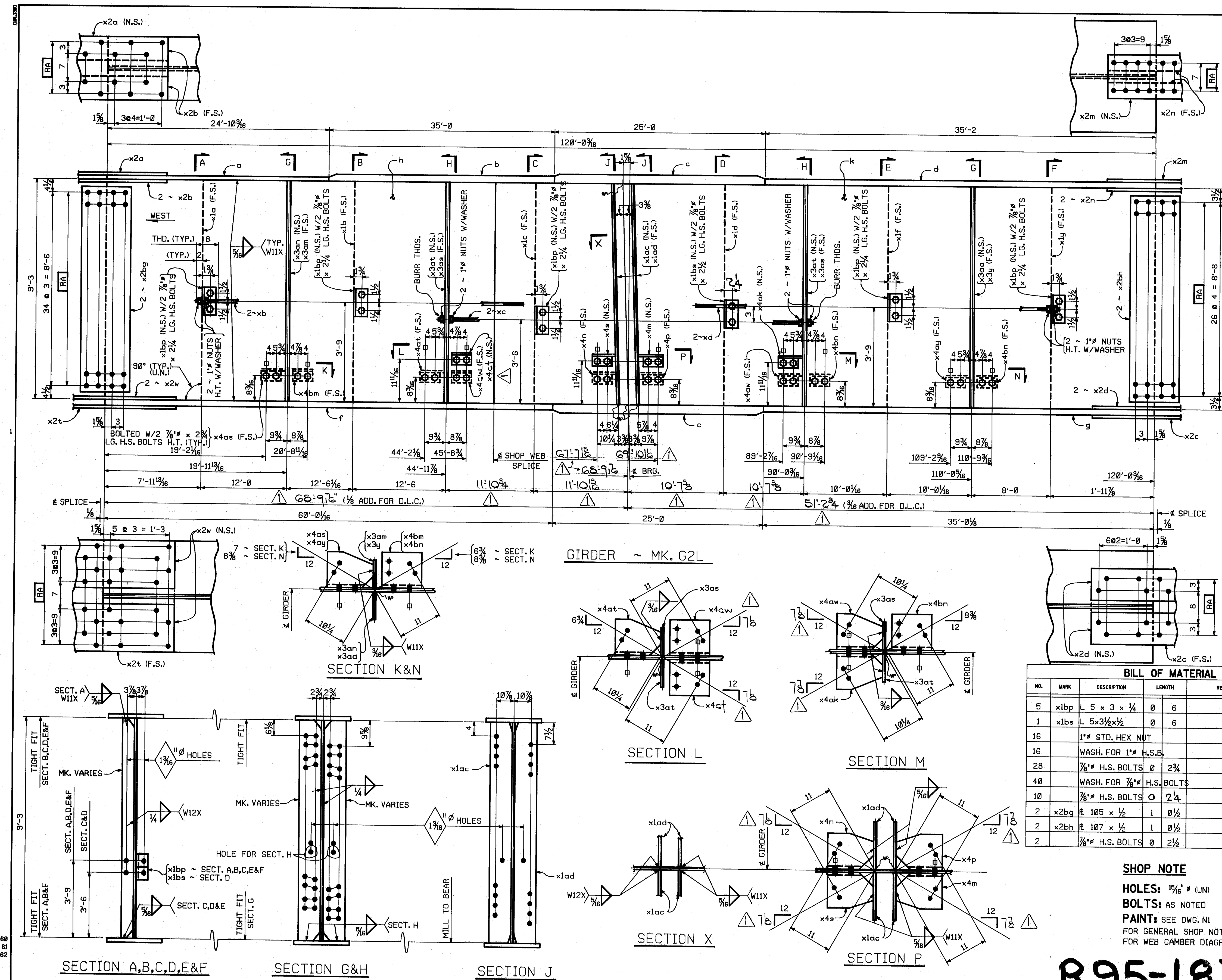
CONTRACT NUMBER: ME-84088-3 DRAWING NUMBER: 8 OF 47



FED. ROAD DIV. NO.		STATE		FED. AID PROJ. NO.	
1		ME.		I-10-395-8(82)176	

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	SHIP WEIGHT EA.
ONE	G1L	GIRDER				74.725
ONE	G8L	GIRDER		(OPP. HAND)		74.775
1	h	111 x 3/4	50	0 5/16	G1L	
1	a	16 x 1"	24	10 1/4	G1L	
1	a	16 x 1"	24	9 5/16	G8L	
2	b	28 x 1 1/2	35	0		
4	c	28 x 2 1/4	25	0		
2	d	28 x 1 1/2	35	2		
2	f	28 x 1 1/2	60	0 1/16		
2	g	28 x 1 1/2	35	0 1/16		
1	h	111 x 3/4	50	0 1/16	G8L	
2	k	111 x 3/4	70	0 3/16		
2	x2a	16 x 1/2	2	6 1/2		
4	x2b	BAR 6 x 3/4	2	6 1/2		
2	x2c	19 x 1 1/16	2	6 1/2		
4	x2d	BAR 8 x 7/8	2	6 1/2		
2	x2m	11 x 1 1/2	2	0 1/2		
4	x2n	BAR 4 x 3/4	2	0 1/2		
2	x2t	28 x 7/8	3	0 1/2		
4	x2w	12 x 1"	3	0 1/2		
2	x1a	BAR 6 x 3/16	9	3		
2	x1b	BAR 6 x 3/16				
2	x1c	BAR 6 x 3/16				
2	x1d	BAR 5 x 1/2				
2	x1f	BAR 5 x 1/2				
2	x1y	BAR 7 x 3/16				
4	x1ac	12 x 1 1/16				
4	x1aw	12 x 1 1/16	9	3		
4	x1bt	WT 6X13	0	8		
2	x3aa	BAR 7 x 3/16	9	3		
1	x3ag	BAR 7 x 1/2	9	3	G8L	
1	x3an	BAR 7 x 1/2	9	3	G1L	
4	x3at	BAR 7 x 1/2	9	3		
1	x4m	PC, MC18x45.8	0	11 1/2	G1L	
1	x4n				G8L	
1	x4p				G8L	
1	x4s				G1L	
1	x4ag				G1L	
1	x4ah				G1L	
1	x4ak				G1L	
1	x4am				G1L	
1	x4as				G8L	
1	x4at				G8L	
1	x4aw				G8L	
1	x4ay		0	11 1/2	G8L	
1	x4ct		0	10	G1L	
1	x4co		0	10	G1L	
2	x4bd	PC, MC18x45.8	0	10	G1L	

NO.	1	REVISION	Revised span length Control #10	DATE	1-12-85
HIGH STEEL STRUCTURES, INC.					
1805 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-525					
A Subsidiary of High Industries, Inc.					
GIRDERS					
I-395 BRIDGE OVER PENOBSCOT RIVER					
I-395 BRIDGE STA. 164+60.00					
PENOBSCOT COUNTY					
STATE OF MAINE					
DEPARTMENT OF TRANSPORTATION					
STATE CONTRACT OR REF. NO. 6					
CONTRACTOR CIANBRO CORP.					
IN CHARGE HINKLE					
MADE BY S.J.A.					
CHKD. BY TJC					
DATE 9-27-84					
CONTRACT NUMBER ME-84088-3					
DRAWING NUMBER 9 OF 47					



BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM
5	x1bp	L 5 x 3 x 1/4	0 6		
1	x1bs	L 5 x 3 1/2 x 1/2	0 6		
16		1" STD. HEX NUT			
16		WASH. FOR 1" H.S.B.			
28		3/8" H.S. BOLTS	0 2 3/4		
40		WASH. FOR 3/8" H.S. BOLTS			
10		3/8" H.S. BOLTS	0 2 1/4		
2	x2bg	L 105 x 1/2	1 0 1/2		
2	x2bh	L 107 x 1/2	1 0 1/2		
2		3/8" H.S. BOLTS	0 2 1/2		

SHOP NOTE

HOLES: 15/16" # (UN)

BOLTS: AS NOTED

PAINT: SEE DWG. N1

FOR GENERAL SHOP NOTES, SEE DWG. N1

FOR WEB CAMBER DIAGRAM, SEE DWG. WCI.

R95-187

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
1	ME.	I-10-395-6(82)176

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM
ONE	G2L	GIRDER			75945
1	a	L 16 x 1"	24 10 3/8		
1	b	L 28 x 1 1/2	35 0		
2	c	L 28 x 2 1/4	25 0		
1	d	L 28 x 1 1/2	35 2		
1	f	L 28 x 1 1/2	60 0 1/8		
1	g	L 28 x 1 1/2	35 0 1/8		
1	h	L 111 x 3/4	50 0 1/4		
1	k	L 111 x 3/4	70 0 1/8		
1	x2a	L 16 x 1/2	2 6 1/2		
2	x2b	BAR 6 x 3/4	2 6 1/2		
1	x2c	L 19 x 1 1/8	2 6 1/2		
2	x2d	BAR 8 x 7/8	2 6 1/2		
1	x2m	L 11 x 1/2	2 0 1/2		
2	x2n	BAR 4 x 3/4	2 0 1/2		
1	x2t	L 28 x 7/8	3 0 1/2		
2	x2w	L 12 x 1"	3 0 1/2		
1	x1a	BAR 6 x 3/8	9 3		
1	x1b	BAR 6 x 3/8			
1	x1c	BAR 6 x 3/8			
1	x1d	BAR 5 x 1/2			
1	x1f	BAR 5 x 1/2			
1	x1y	BAR 7 x 3/8			
2	x1ac	L 12 x 1 1/8			
2	x1ad	L 12 x 1 1/8			
1	x3y	BAR 7 x 3/8			
1	x3aa	BAR 7 x 3/8			
1	x3am	BAR 7 x 1/2			
1	x3an	BAR 7 x 1/2			
2	x3as	BAR 7 x 1/2			
2	x3at	BAR 7 x 1/2	9 3		
1	x4m	PC. MC18x45.8	0 11 1/2		
1	x4n				
1	x4p				
1	x4s				
1	x4ak				
1	x4aa				
1	x4at				
1	x4aw				
1	x4ay		0 11 1/2		
1	x4ct		0 10		
1	x4cn		0 10		
1	x4cm		0 10		
2	x4bn	PC. MC18x45.8	0 10		
2	xb	1" ROD	49 4		
2	xc	1" ROD	45 4 1/4		
2	xd	1" ROD	40 4		

NO. 1 REVISION Revised span length DATE 1-12-85

HIGH STEEL STRUCTURES, INC.

1805 Old Philadelphia Pike
Lancaster, Pennsylvania 17603
Phone 717/299-328

A Subsidiary of High Industries, Inc.

GIRDER G2L

I-395 BRIDGE OVER PENOBSCOT RIVER

I-395 BRIDGE STA. 164+60.00

PENOBSCOT COUNTY

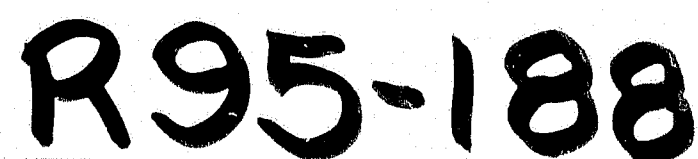
STATE OF MAINE


DEPARTMENT OF TRANSPORTATION

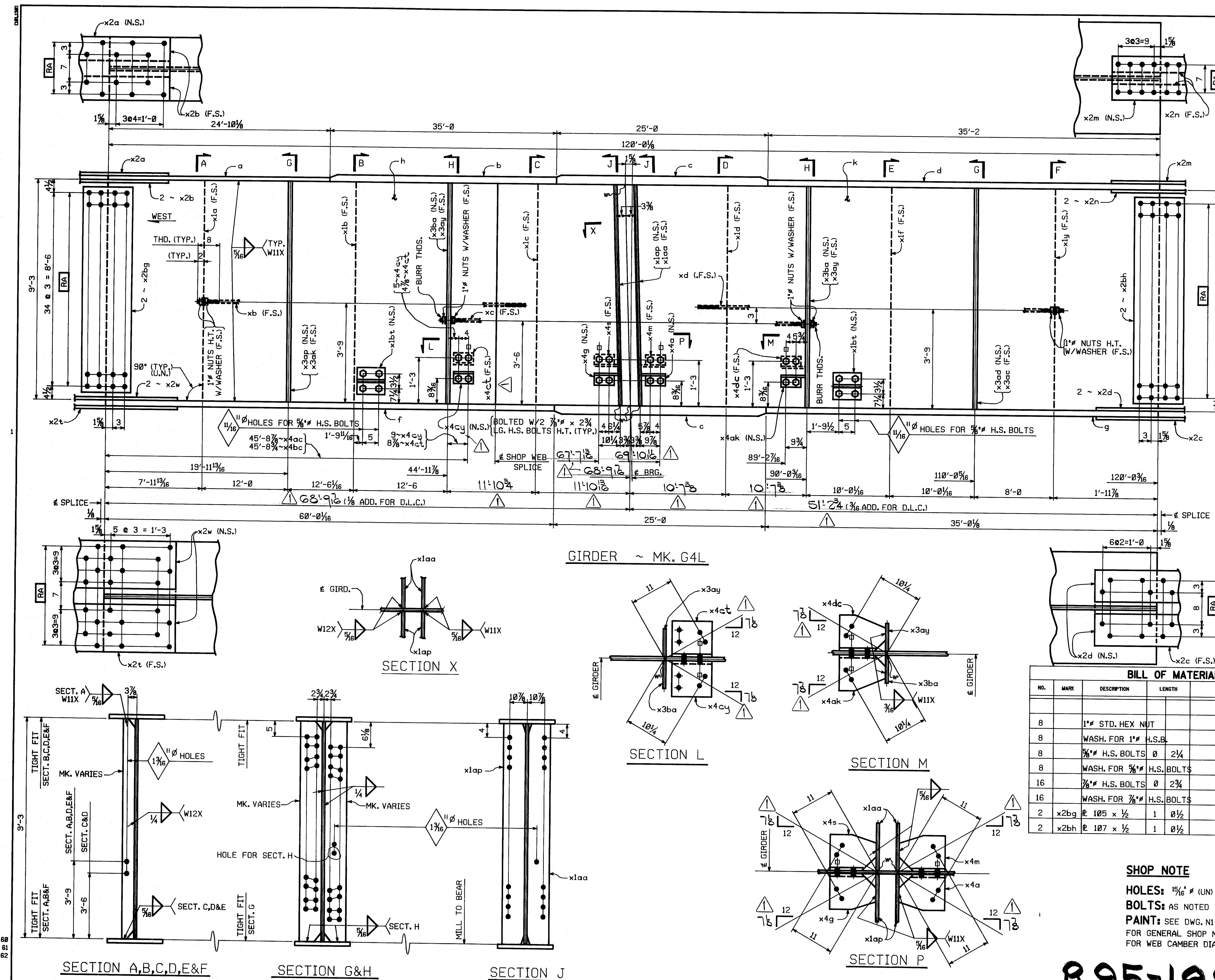
STATE CONTRACT OR REF. NO. 6 CONTRACTOR CIANBRO CORP.

IN CHARGE HINKLE MADE S.J.A. CHK'D JLC DATE 9-28-84

CONTRACT NUMBER ME-84088-3 DRAWING NUMBER 10 OF 47



HIGH STEEL STRUCTURES, INC.				Lamson, Panaywong, Inc. #503 Phone 717-239-528	
				A Subsidiary of High Industries, Inc.	
GIRDERS				G3L, G6L	
I-395 BRIDGE OVER PENOBSCOT RIVER					
I-395 BRIDGE STA. 164+80.00					
PENOBSCOT COUNTY					
STATE OF MAINE					
DEPARTMENT OF TRANSPORTATION					
STATE CONTRACT OR REF.NO.		G		CONTRACTOR CIANBORG CORP.	
IN CHARGE: HINKLE		MADE BY: S.J.A.		CHKD. BY: JLC	
CONTRACT NUMBER: ME-84088-3		DRAWING NUMBER: 11		DATE: 9-28-84	
		OF 47			



NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	QTY
8		1" STD. HEX NUT			BI 14	
8		WASH. FOR 1" H.S.B.			BI 12	
8		3/4" H.S. BOLTS	2 1/2		BI 3	
8		WASH. FOR 3/4" H.S. BOLTS			BI 10	
16		3/4" H.S. BOLTS	2 1/2		BI 7	
16		WASH. FOR 3/4" H.S. BOLTS			BI 11	
2	x2bg	105 x 1/2	1	0 1/2		
2	x2bh	107 x 1/2	1	0 1/2		

SHOP NOTE

HOLES: 15/16" # (UN)
 BOLTS: AS NOTED
 PAINT: SEE DWG. N1
 FOR GENERAL SHOP NOTES, SEE DWG. N1.
 FOR WEB CAMBER DIAGRAM, SEE DWG. WC1.

FED. ROAD DIV. NO.		STATE	FED. AID PROJ. NO.
1		ME.	1-10-395-8(82)176

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	QTY
ONE	G4L	GIRDER				75.275
1	a	16 x 1"	24	10 1/4		
1	b	28 x 1 1/2	35	0		
2	c	28 x 2 1/4	25	0		
1	d	28 x 1 1/2	35	2		
1	f	28 x 1 1/2	60	0 1/8		
1	g	28 x 1 1/2	35	0 1/8		
1	h	111 x 3/4	50	0 1/8		
1	k	111 x 3/4	70	0 1/8		
1	x2a	16 x 1/2	2	6 1/2		
2	x2b	BAR 6 x 3/4	2	6 1/2		
1	x2c	19 x 1 1/8	2	6 1/2		
2	x2d	BAR 8 x 7/8	2	6 1/2		
1	x2m	11 x 1/2	2	0 1/2		
2	x2n	BAR 4 x 3/4	2	0 1/2		
1	x2t	28 x 7/8	3	0 1/2		
2	x2w	12 x 1"	3	0 1/2		
1	x1a	BAR 6 x 3/8	9	3		
1	x1b	BAR 6 x 3/8				
1	x1c	BAR 6 x 3/8				
1	x1d	BAR 5 x 1/2				
1	x1f	BAR 5 x 1/2				
1	x1y	BAR 7 x 3/8				
2	x1aa	12 x 1 1/8				
2	x1ap	12 x 1 1/8				
1	x3ac	BAR 7 x 3/8				
1	x3ad	BAR 7 x 3/8				
1	x3ak	BAR 7 x 1/2				
1	x3ap					
2	x3ay					
2	x3ba	BAR 7 x 1/2	9	3		
2	x1bt	WT 6 x 13	0	8		
1	x4m	PC, MC18x45.8	0	11 1/2		
1	x4a					
1	x4g					
1	x4s					
1	x4ak		0	11 1/2		
1	x4ct		0	10		
1	x4ay	PC, MC18x45.8	0	9 1/2		
1	x4dc	PC, MC18x45.8	0	11 1/2		
1	xb	1" ROD	49	4		5.9
1	xc	1" ROD	45	4 1/4		5.4
1	xd	1" ROD	40	4		5.2

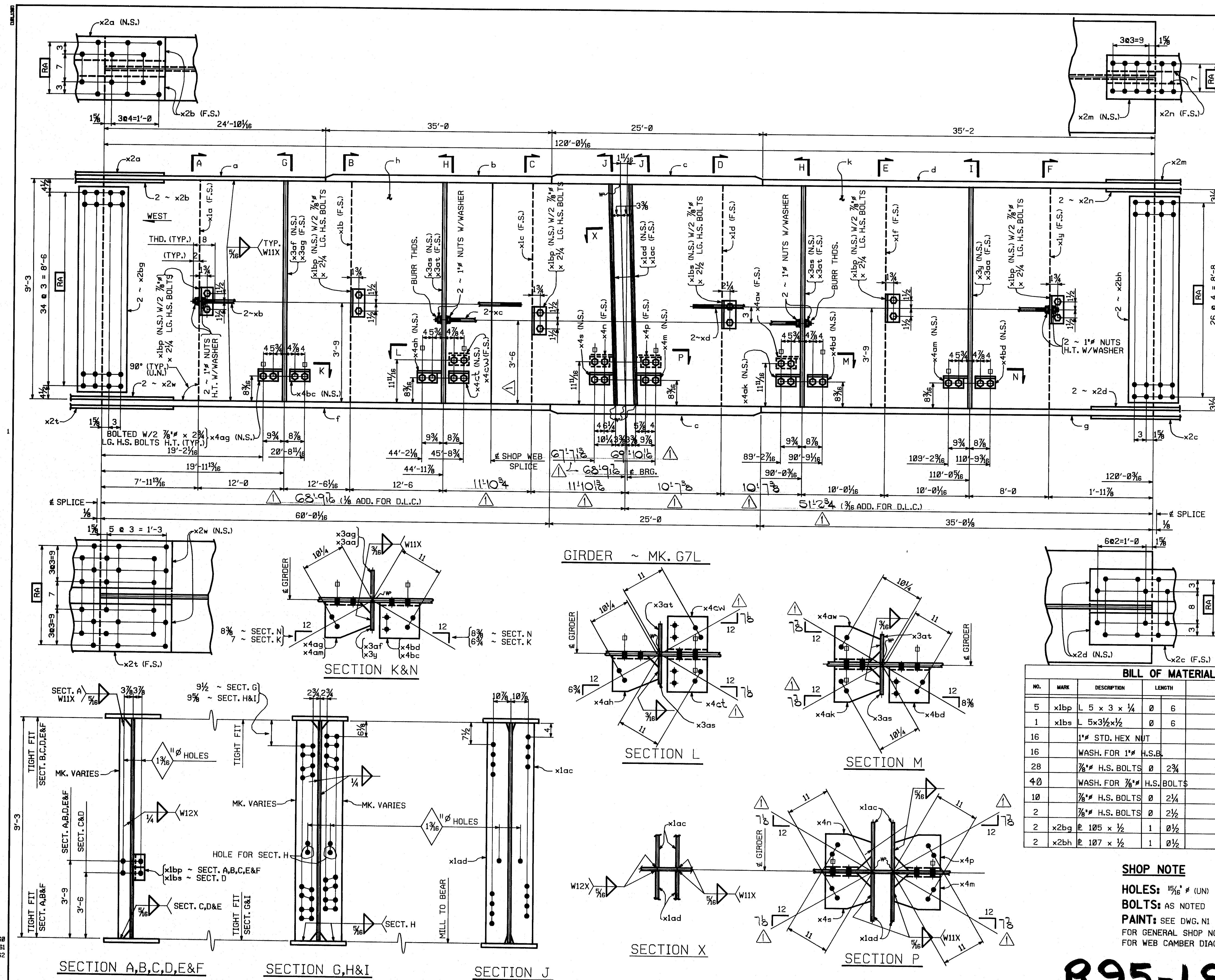
NO.	REVISION	DATE	BY
1	1	1-12-85	JLC

STATE CONTRACT OR REF. NO.	6	CONTRACTOR	CIANBRO CORP.
IN CHARGE	HINKLE	MADE BY	S.J.A.
CHARGE	ME-84088-3	CHK'D BY	JLC
DATE	9-28-84		

DRAWING NUMBER	12 OF 47
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R95-189

CODE:4000



		FED.ROAD DIV.NO.		STATE		FED.AID PROJ.NO.	
		1		ME.		I-16-395-8(82)176	
BILL OF MATERIAL							
NO.	MARK	DESCRIPTION	LENGTH	REMARKS		ITEM	SHIP WEIGHT LB.
ONE	G7L	GIRDER					75965
1	a	E 16 x 1"	24	10 1/16			
1	b	E 28 x 1 1/2	35	0			
2	c	E 28 x 2 1/4	25	0			
1	d	E 28 x 1 1/2	35	2			
1	f	E 28 x 1 1/2	60	0 1/16			
1	g	E 28 x 1 1/2	35	0 1/16			
1	h	E 111 x 3/4	50	0 1/16			
1	k	E 111 x 3/4	70	0 1/16			
1	x2a	E 16 x 1/2	2	6 1/2			
2	x2b	BAR 6 x 3/4	2	6 1/2			
1	x2c	E 19 x 1 1/8	2	6 1/2			
2	x2d	BAR 8 x 7/8	2	6 1/2			
1	x2m	E 11 x 1/2	2	0 1/2			
2	x2n	BAR 4 x 3/4	2	0 1/2			
1	x2t	E 28 x 7/8	3	0 1/2			
2	x2w	E 12 x 1"	3	0 1/2			
1	x1a	BAR 6 x 9/16	9	3			
1	x1b	BAR 6 x 9/16					
1	x1c	BAR 6 x 9/16					
1	x1d	BAR 5 x 1/2					
1	x1f	BAR 5 x 1/2					
1	x1y	BAR 7 x 9/16					
2	x1ac	E 12 x 1 1/4					
2	x1ad	E 12 x 1 1/4					
1	x3y	BAR 7 x 9/16					
1	x3aa	BAR 7 x 9/16					
1	x3af	BAR 7 x 1/2					
1	x3ag	BAR 7 x 1/2					
2	x3ae	BAR 7 x 1/2					
2	x3at	BAR 7 x 1/2	9	3			
1	x4m	PC, MC18x45.8	0	11 1/2			
1	x4n						
1	x4p						
1	x4s						
1	x4ak						
1	x4ag						
1	x4ah						
1	x4aw						
1	x4am		0	11 1/2			
1	x4ct		0	10			
1	x4cw		0	10			
2	x4bd	PC, MC18x45.8	0	10			
2	xb	1" ROD	49	4			5.9
2	xc	1" ROD	45	4 1/4			5.4
2	xd	1" ROD	40	4			5.2
NO.		REVISION			Revised span length Control file		DATE 1-12-85
HIGH STEEL STRUCTURES, INC.		IR		8905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-528			
				A Subsidiary of High Industries, Inc.			
		GIRDER				G7L	
		I-395 BRIDGE OVER PENOBSCOT RIVER					
		I-395 BRIDGE STA. 164+60.00					
		PENOBSCOT COUNTY					
		STATE OF MAINE					
		DEPARTMENT OF TRANSPORTATION					
STATE CONTRACT OR REF. NO.		6		CONTRACTOR		CIANBRO CORP.	
IN CHARGE		HINKLE		MADE BY: S.J.A.		CHK.D. BY: JLC DATE: 9-28-84	
DRAWING NUMBER		ME-84088-3		14 OF 47			

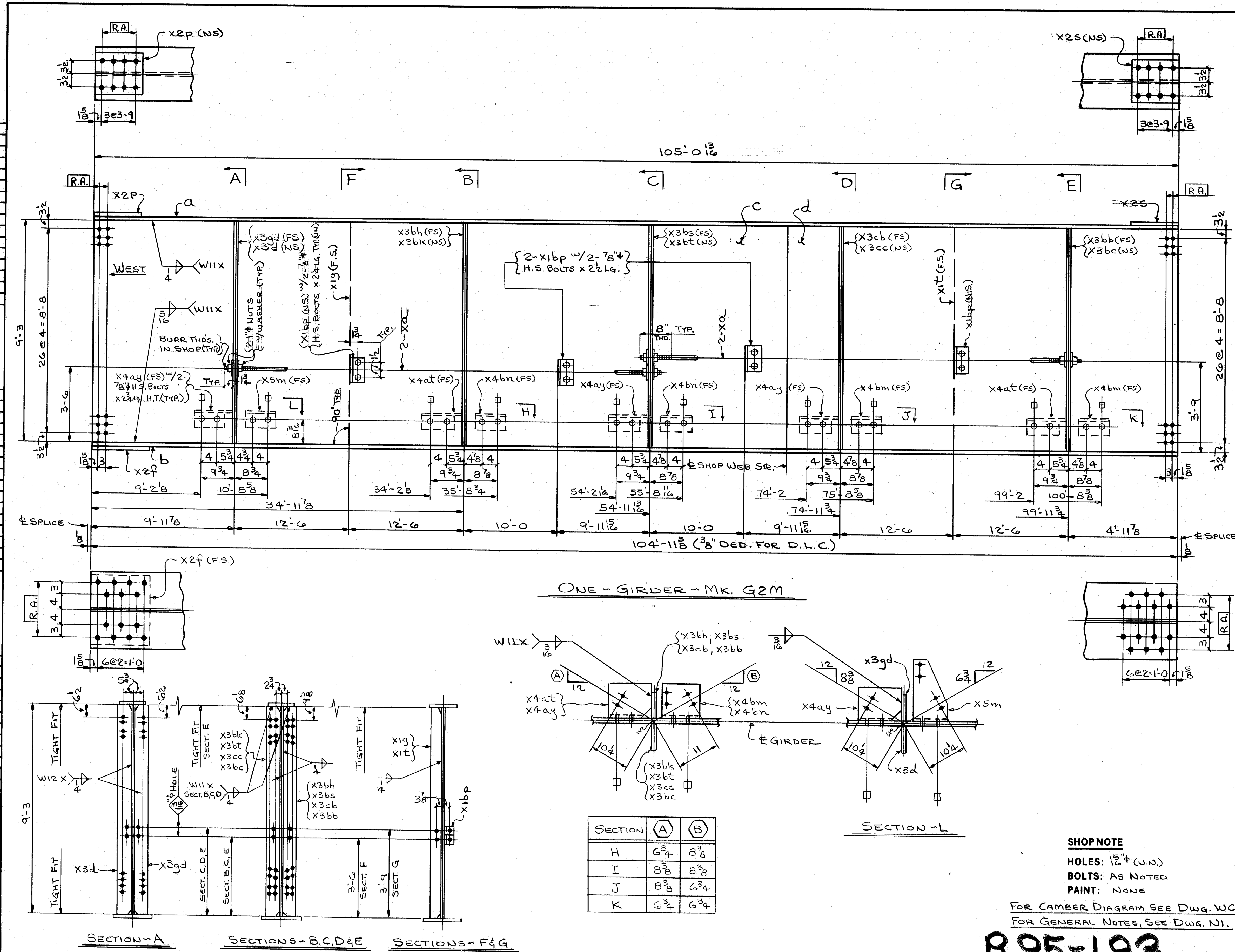
R95-191

CODE 4000

HIGH STEEL STRUCTURES, INC.

GIRDER G7L
I-395 BRIDGE OVER PENOBSCOT RIVER
I-395 BRIDGE STA. 16+60.00
PENOBSCOT COUNTY
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
STATE CONTRACT OR REF. NO. 6 CONTRACTOR CIANBRO CORP.
IN CHARGE HINKLE MADE BY S.J.A. CHK'D BY J.L.C. DATE 1-28-84
CONTRACT NUMBER ME-84088-3 DRAWING NUMBER 14 OF 47

AF 22801A



FED. ROAD DIV. NO.		STATE	FED. AID PROJ. NO.
1		ME	114-395-8(82)176

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	TOTAL WEIGHT
ONE	G2M	GIRDER			42,460
ONE	a	PL 14 x 3/4	105 0 1/2		17 50 72
ONE	b	PL 20 x 1 1/2	104 11 3/8		28 37 13
ONE	c	PL 111 x 1 1/2	70 0 0		13 17 13
ONE	d	PL 111 x 1 1/2	35 0 1/4		9 0 77 1/2
ONE	X2f	PL 19 x 3/8	1 3 8	FILL	12 45
ONE	X2P	PL 11 x 3/4	1 0 8	FILL	28 37
ONE	X2S	PL 11 x 1/2	1 0 8	FILL	12 45
4	Xa	1" ROD	45 4	THD. BOTH ENDS	5 3 48 1/2
16		1" STD. HEX NUTS			14 9 22
16		WASH. FOR 1" NUTS			12
6	X1bP	L5 x 3 x 1/4	0 6		1 1/2
ONE	X13	BAR 5 x 1/2	9 3		7 3 8
	X1L	BAR 5 x 1/2			7 3 8
	X3gd	BAR 7 x 1/2			10 4
	X3d				10 4
	X3bb				11 4 1/2
	X3bc				10 4
	X3bh				11 4 1/2
	X3bk				10 4
	X3bs				11 4 1/2
	X3bt				10 4
	X3cb				11 4 1/2
ONE	X3cc	BAR 7 x 1/2	9 3		7 3 8
4		3/8" H.S. BOLTS	0 2 4		1 1/2
4		3/8" H.S. BOLTS	0 2 2		1 1/2
28		WASH. FOR 3/8" H.S. BOLTS			11 1/2
20		3/8" H.S. BOLTS	0 2 4		1 1/2
2	X4at	PL MC18 x 4.5	0 11 1/2		27 7 1/2
3	X4ay		0 11 1/2		27 7 1/2
2	X4bm		0 10		24 1/2
2	X4bn		0 10		24 1/2
ONE	X5m	PL MC18 x 4.5	0 8 3/4		23 4 1/2

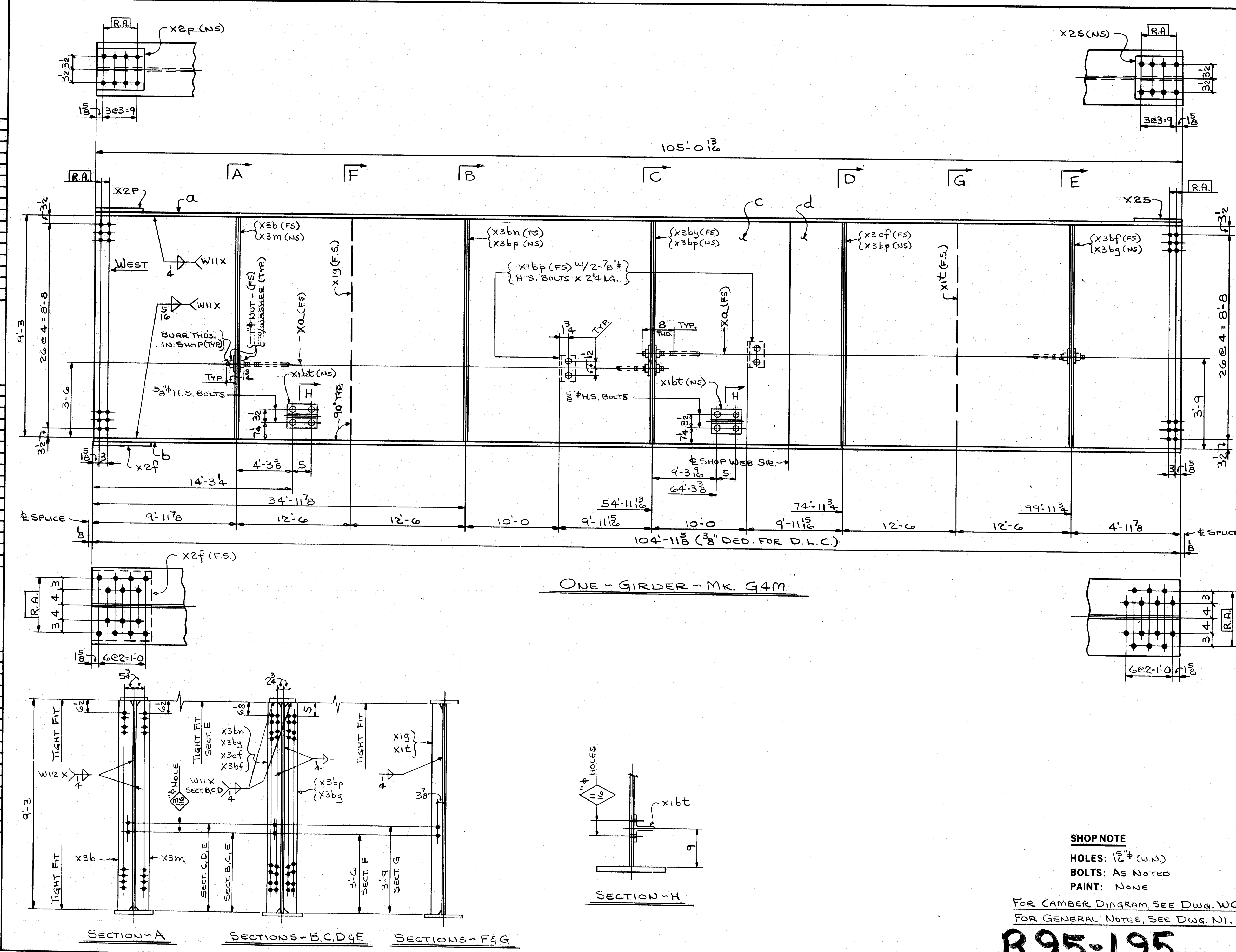
NO.	REVISION	DATE

HIGH STEEL STRUCTURES, INC.	
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/296-5211	
A Subsidiary of High Industries, Inc.	
GIRDER G2M	
I-395 BRIDGE OVER PENOBSCOT RIVER	
I-395 BRIDGE STA. 164+60.00	
PENOBSCOT COUNTY	
STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
STATE CONTRACT OR REF. NO.	CONTRACTOR
6	CLANBRO CORP.
IN CHARGE: HINKLE	MADE BY: G.F.Z. CHK'D BY: J.L.C. DATE: 9-28-84
CONTRACT NUMBER: ME-84088-3	DRAWING NUMBER: 16 OF 47

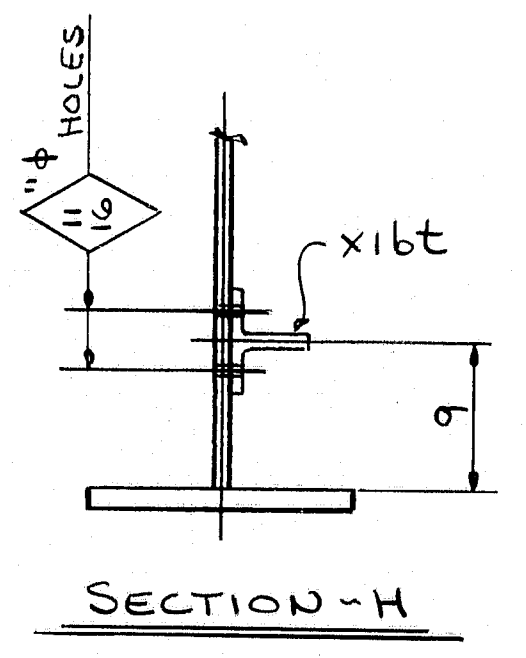
R95-193

CODE: 4000

AP 22683A



ONE GIRDER - MK. G4M



SHOP NOTE

HOLES: 1/2" (U.N.)
BOLTS: AS NOTED
PAINT: NONE

FOR CAMBER DIAGRAM, SEE DWG. WCI.
FOR GENERAL NOTES, SEE DWG. NI.

R95-195

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
1	ME	11G395-8(82)176

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	TOTAL WEIGHT
ONE	G4M	GIRDER				41970
ONE	a	R. 14 x 3/4	105' 0 1/2"			250.12
ONE	b	R. 20 x 1 1/2	104' 11 5/8"			250.12
ONE	c	R. 111 x 1 1/2	70' 0 1/2"			250.12
ONE	d	R. 111 x 1 1/2	35' 0 1/4"			250.12
ONE	X2F	R. 19 x 3/8	1' 3/8"	FILL		10.21
ONE	X2P	R. 11 x 3/4	1' 0 1/8"	FILL		10.21
ONE	X2S	R. 11 x 1/2	1' 0 1/8"	FILL		10.21
2	Xa	1" ROD	45' 4"	THD. BOTH ENDS	5	249.00
8		1" STD. HEX NUTS			8	12.16
8		WASH. FOR 1" NUTS			8	12.16
2	X1bP	L5 x 3 x 1/2	0' 6"			10.21
ONE	X1G	BAR 5 x 1/2	9' 3"			250.12
	X1T	BAR 5 x 1/2				10.21
	X3b	BAR 7 x 1/2				10.21
	X3m					10.21
	X3b3					10.21
	X3bf					10.21
ONE	X3bn					10.21
3	X3bp					250.12
ONE	X3b3					10.21
ONE	X3cf	BAR 7 x 1/2	9' 3"			250.12
2	X1bt	WT 6 x 13	0' 8"			10.21
4		3/8" H.S. BOLTS	0' 24"		5	10.21
4		WASH. FOR 3/8" H.S. BOLTS			5	10.21
8		5/8" H.S. BOLTS	0' 24"		11	10.21
8		WASH. FOR 5/8" H.S. BOLTS			10	10.21

NO.	REVISION	DATE

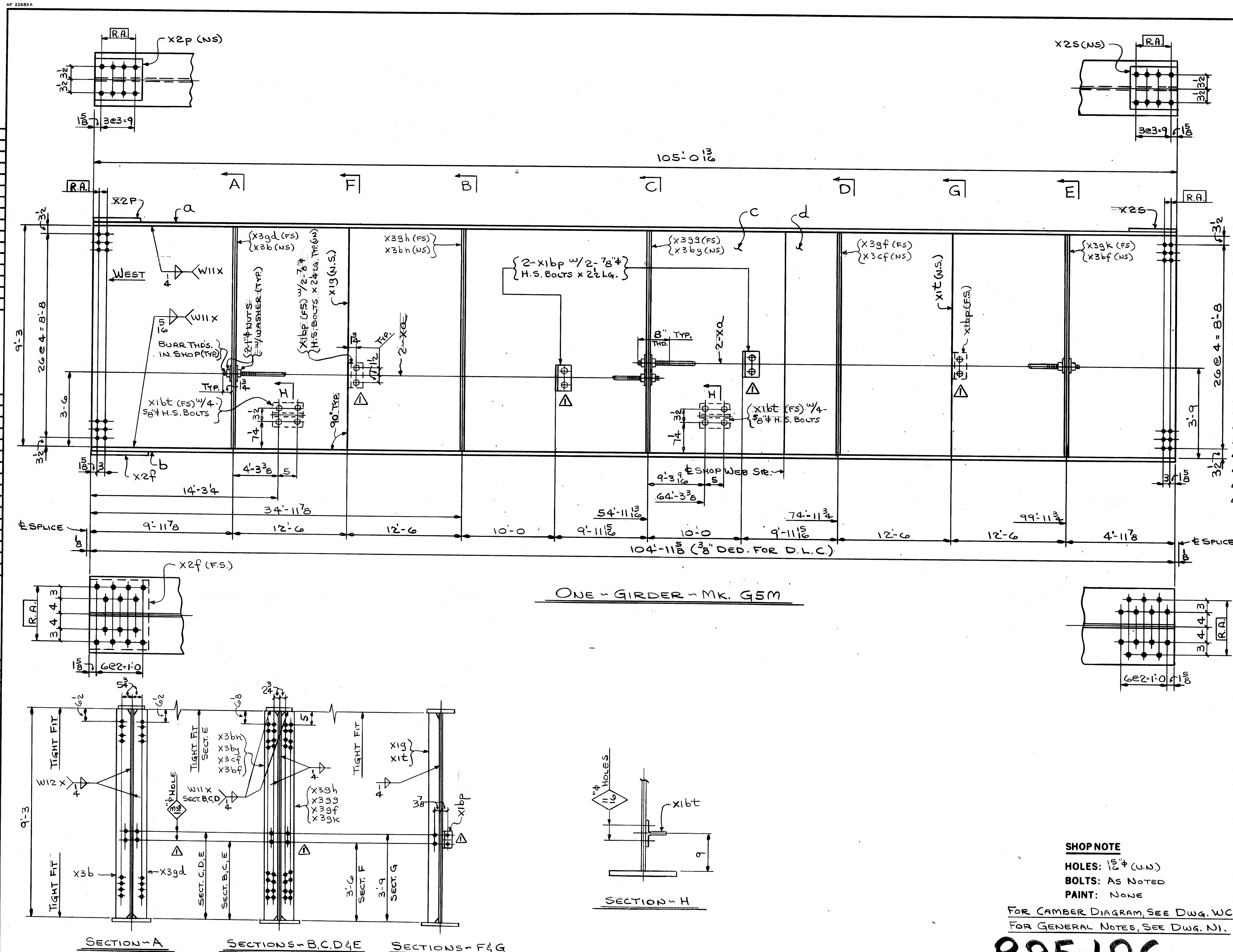
HIGH STEEL STRUCTURES, INC.		1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211
GIRDER G4M		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR CIAMBRO CORP.
IN CHARGE: HINKLE	MADE BY: G.F.Z.	CHK'D BY: J.L.C. DATE: 9-28-84
CONTRACT NUMBER: ME-84088-3	DRAWING NUMBER: 18 OF 47	

AP 2285A

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ONE GIRDER - MK. G5M

SHOP NOTE
HOLES: 1/2" (U.N.)
BOLTS: AS NOTED
PAINT: NONE

FOR CAMBER DIAGRAM, SEE DWG. WC1.
FOR GENERAL NOTES, SEE DWG. N1.

R95-196

CODE 4000

FED. ROAD DIV. NO.		STATE		FED. AID PROJ. NO.	
1		ME		114-395-8(82)176	

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	TOTAL WEIGHT
ONE	G5M	GIRDER			42,260
ONE	a	PL. 14 x 3/4	105 0 1/2		50.52
ONE	b	PL. 20 x 1 1/2	104 11 3/8		75.71
ONE	c	PL. 111 x 1 1/2	70 0 1/2		11.11
ONE	d	PL. 111 x 1 1/2	35 0 1/4		74.22
2	X16T	WT. 6 x 13	0 8		11.34
ONE	X2F	PL. 19 x 3/8	1 3/8	FILL	15.12
ONE	X2P	PL. 11 x 3/4	1 0 8	FILL	21.27
ONE	X2S	PL. 11 x 1/2	1 0 8	FILL	21.27
4	XA	1" ROD	45 4	THD. BOTH ENDS	5 3/4
16		1" STD. HEX NUTS			81 1/4
16		WASH. FOR 1" NUTS			12 1/2
6	X16P	L5 x 3 x 1/4	0 6		17.11
ONE	X19	BAR 5 x 1/2	9 3		71.62
ONE	X1T	BAR 5 x 1/2			71.62
	X3b	BAR 7 x 1/2			40.12
	X3bf				40.12
	X3bh				40.12
	X3by				40.12
	X3cf				40.12
	X3cd				40.12
	X39h				40.12
	X39j				40.12
	X39f				40.12
ONE	X39K	BAR 7 x 1/2	9 3		71.62
4		7/8" H.S. BOLTS	0 24		81 5/8
4		7/8" H.S. BOLTS	0 24		81 5/8
8		WASH. FOR 7/8" H.S. BOLTS			11 1/2
8		7/8" H.S. BOLTS	0 24		81 5/8
8		WASH. FOR 7/8" BOLTS			11 1/2

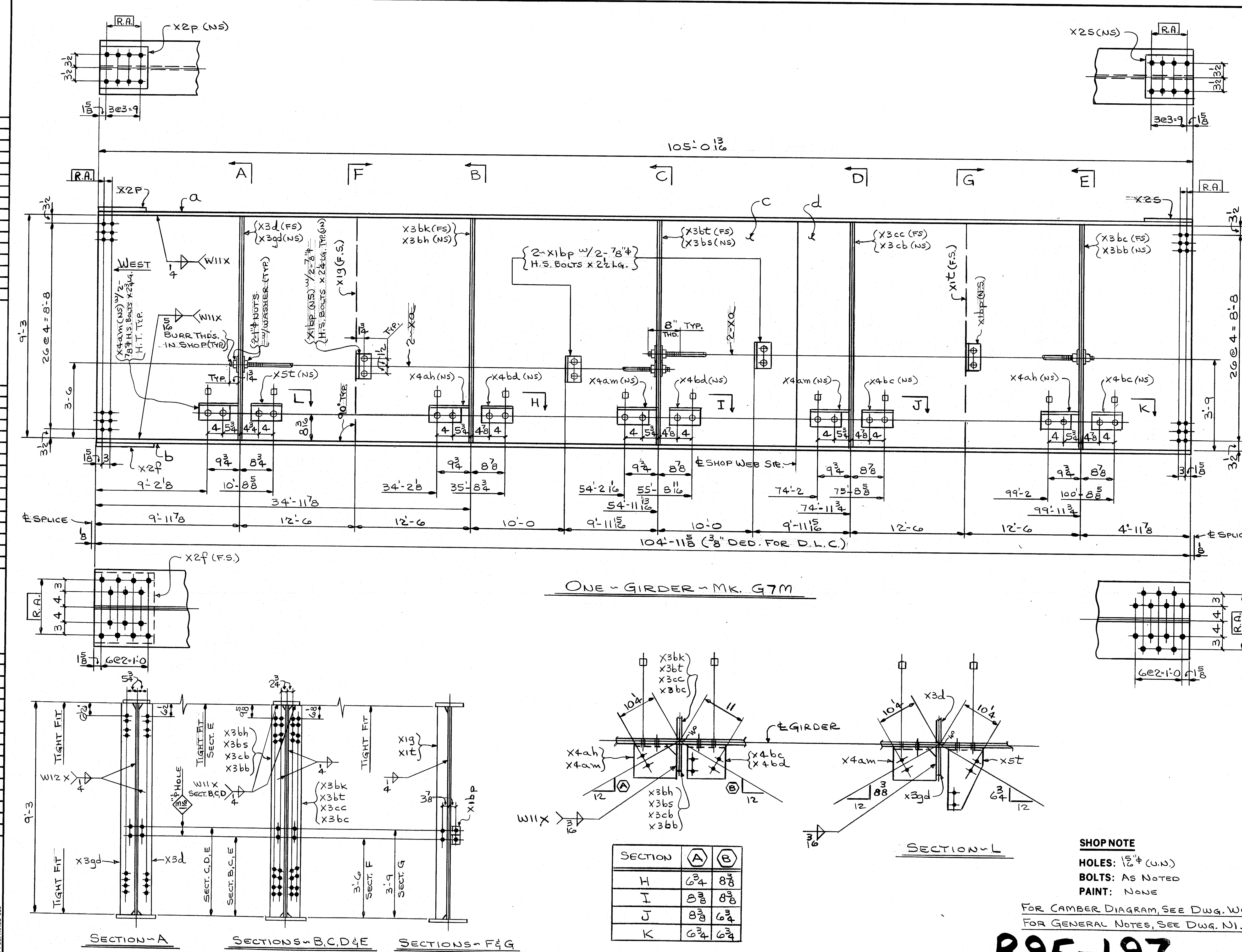
NO. 1	REVISION	CONTRACT REVISION CONTROL #14	DATE 9-11-84
HIGH STEEL STRUCTURES, INC. 1905 Old Philadelphia Pike Leominster, Pennsylvania 17033 Phone 717/296-5211 A Subsidiary of High Industries, Inc.			
GIRDER G5M I-395 BRIDGE OVER PENOBSCOT RIVER I-395 BRIDGE STA. 164+60.00 PENOBSCOT COUNTY STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT OR REF. NO. 6	CONTRACTOR CIAM BRO. CORP.		
IN CHARGE: HINKLE	MADE BY: G.F.Z.	CHK. D. BY: JLC	DATE: 9-28-84
CONTRACT NUMBER: ME-8408B-3	DRAWING NUMBER: 19 OF 47		

AP 22683A

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.
1	ME	114395-8(82)176

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	TOTAL WEIGHT
ONE	G7M	GIRDER			47660
ONE	a	PL 14 x 3/4	105 0 1/2		
ONE	b	PL 20 x 1 1/2	104 11 3/8		
ONE	c	PL 111 x 1 1/2	70 0 1/2		
ONE	d	PL 111 x 1 1/2	35 0 1/4		
ONE	X2f	PL 19 x 3/8	1 3/8	FILL	
ONE	X2P	PL 11 x 3/4	1 0 8	FILL	
ONE	X2S	PL 11 x 1/2	1 0 8	FILL	
4	Xa	1" STD. HEX NUTS	45 4	THD. BOTH ENDS	5 3
16		WASH. FOR 1" NUTS			81 14
16					81 12
6	X1bP	LS 3 x 3/4	0 6		
ONE	X1g	BAR 5 x 1/2	9 3		
	X1t	BAR 5 x 1/2			
	X3g	BAR 7 x 1/2			
	X3d				
	X3bb				
	X3bc				
	X3bh				
	X3bk				
	X3bs				
	X3bt				
	X3cb				
ONE	X3cc	BAR 7 x 1/2	9 3		81 5
4		7/8" H.S. BOLTS	0 24		81 6
4		7/8" H.S. BOLTS	0 22		81 11
28		WASH. FOR 7/8" H.S. BOLTS			
20		7/8" H.S. BOLTS	0 224		81 7
2	X4ah	PL MC18 x 45.8	0 11 1/2		
3	X4am		0 11 1/2		
2	X4bc		0 10		
2	X4bd	PL MC18 x 45.8	0 10		
ONE	X5t	PL MC18 x 45.8	0 8 3/4		

NO.	REVISION	DATE
<p>HIGH STEEL STRUCTURES, INC.</p> <p>1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211</p> <p>A Subsidiary of High Industries, Inc.</p>		
<p>GIRDER G7M</p> <p>I-395 BRIDGE OVER PENOBSCOT RIVER</p> <p>I-395 BRIDGE STA. 164+60.00</p> <p>PENOBSCOT COUNTY</p> <p>STATE OF MAINE</p> <p>DEPARTMENT OF TRANSPORTATION</p>		
<p>STATE CONTRACT OR REF. NO. G CONTRACTOR CIABERO GRP.</p>		
<p>IN CHARGE: HINKLE MADE BY: G.F.F. CHK'D BY: J.L.C. DATE: 9-28-84</p>		
<p>CONTRACT NUMBER: ME-84088-3 DRAWING NUMBER: 20 OF 47</p>		

R95-197

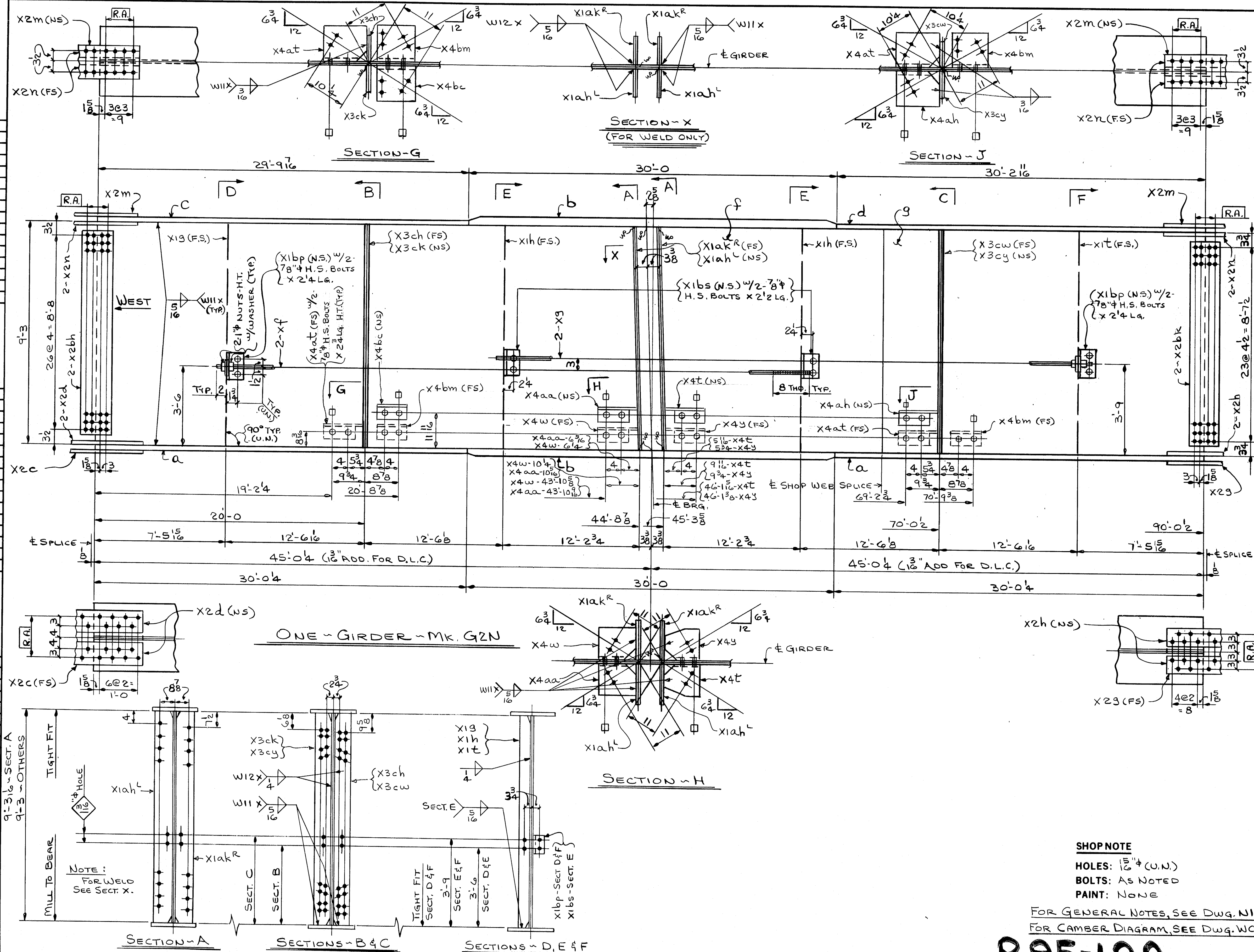
CODE: 4000

AF 2285A

FED. ROAD DIV. NO. 1 ME STATE ME FED. AID PROJ. NO. EIG-395-8(82)174

BILL OF MATERIAL

NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	TOTAL WEIGHT
ONE	G2N	GIRDER				49,620
2	a	PL 24 x 14	30' 0"			
2	b	PL 24 x 2	30' 0"			
ONE	c	PL 24 x 14	29' 9"			
↑	d	PL 24 x 14	30' 2 1/2"			
↑	f	PL 111 x 1 1/2	65' 0"			
ONE	g	PL 111 x 1 1/2	25' 0"			
2	xP	1" ROD	50' 0"	THD. BOTH ENDS	5	10
2	xG	1" ROD	50' 2 1/2"	THD. BOTH ENDS	5	11
2	x1h	BAR 5 x 1/2	9' 3"			
ONE	x19	BAR 5 x 1/2	9' 3"			
ONE	x1t	BAR 5 x 1/2	9' 3"			
ONE	x2c	PL 19 x 1 1/2	2' 6 1/2"			
2	x2d	BAR 8 x 7/8	2' 6 1/2"			
ONE	x2g	PL 15 x 1 1/2	1' 10 1/2"			
2	x2h	BAR 6 x 3/4	1' 10 1/2"			
2	x2m	PL 11 x 1/2	2' 0"			
4	x2n	BAR 4 x 3/4	2' 0"			
2	x2bh	PL 107 x 1/2	1' 0"			
2	x2bk	PL 106 1/2 x 1/2	1' 0"			
8		1" STD. HEX. NUTS			8	14
8		WASH. FOR 1" RODS			8	12
28		WASH. FOR 7/8" H.S. BOLTS			28	11
4		7/8" H.S. BOLTS	0' 2 1/4"		4	5
4		7/8" H.S. BOLTS	0' 2 1/4"		4	6
20		7/8" H.S. BOLTS	0' 2 1/4"		20	7
2	x1ak	PL 10 x 1"	9' 3 1/2"			
2	x1ah	PL 10 x 1"	9' 3 1/2"			
2	x1bs	5 x 3/2 x 1/2	0' 6"			
2	x1bp	5 x 3 x 1/4	0' 6"			
ONE	x3ch	BAR 7 x 1/2	9' 3"			
↑	x3ck					
↑	x3cw					
ONE	x3cy	BAR 7 x 1/2	9' 3"			
ONE	x4w	PL MC18 x 45.8	0' 11 1/2"			
↑	x4t		0' 11 1/2"			
↑	x4y		0' 11 1/2"			
↑	x4aa		0' 11 1/2"			
↑	x4ah		0' 11 1/2"			
ONE	x4bc		0' 10"			
2	x4at		0' 11 1/2"			
2	x4bm	PL MC18 x 45.8	0' 10"			



SHOP NOTE

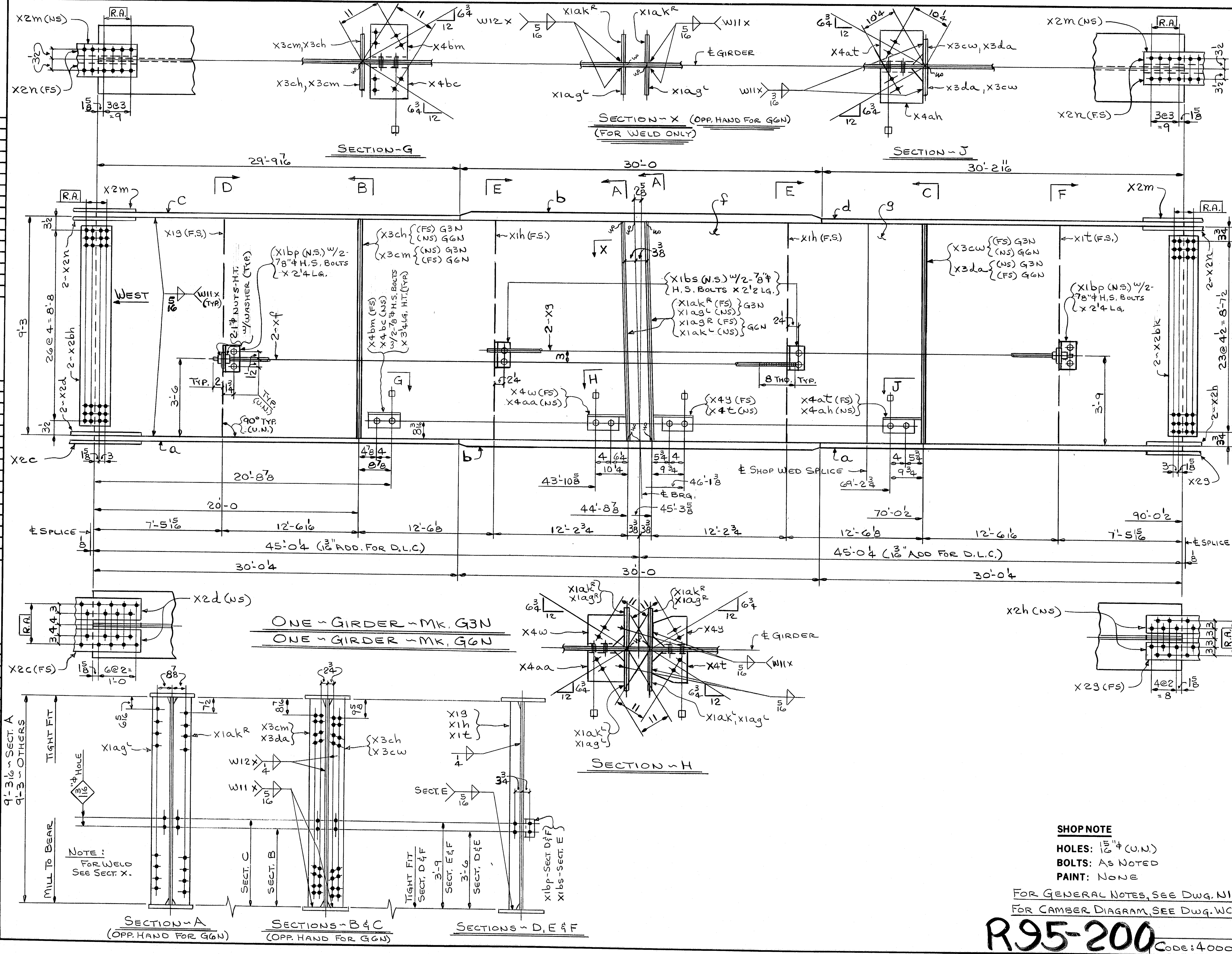
HOLES: 1 1/2" (U.N.)
BOLTS: AS NOTED
PAINT: NONE

FOR GENERAL NOTES, SEE DWG. N1.
FOR CAMBER DIAGRAM, SEE DWG. WCI.

R95-199 Code: 4000

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC.		
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211		
A Subsidiary of High Industries, Inc.		
GIRDER G2N		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164 + 60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR GANBRO CORP.
IN CHARGE: HINKLE	MADE BY: G.F.Z.	CHK. D. BY: JLC
CONTRACT NUMBER: ME-84088-3	DRAWING NUMBER: 22 OF 47	DATE: 10-1-84

AP 22689A



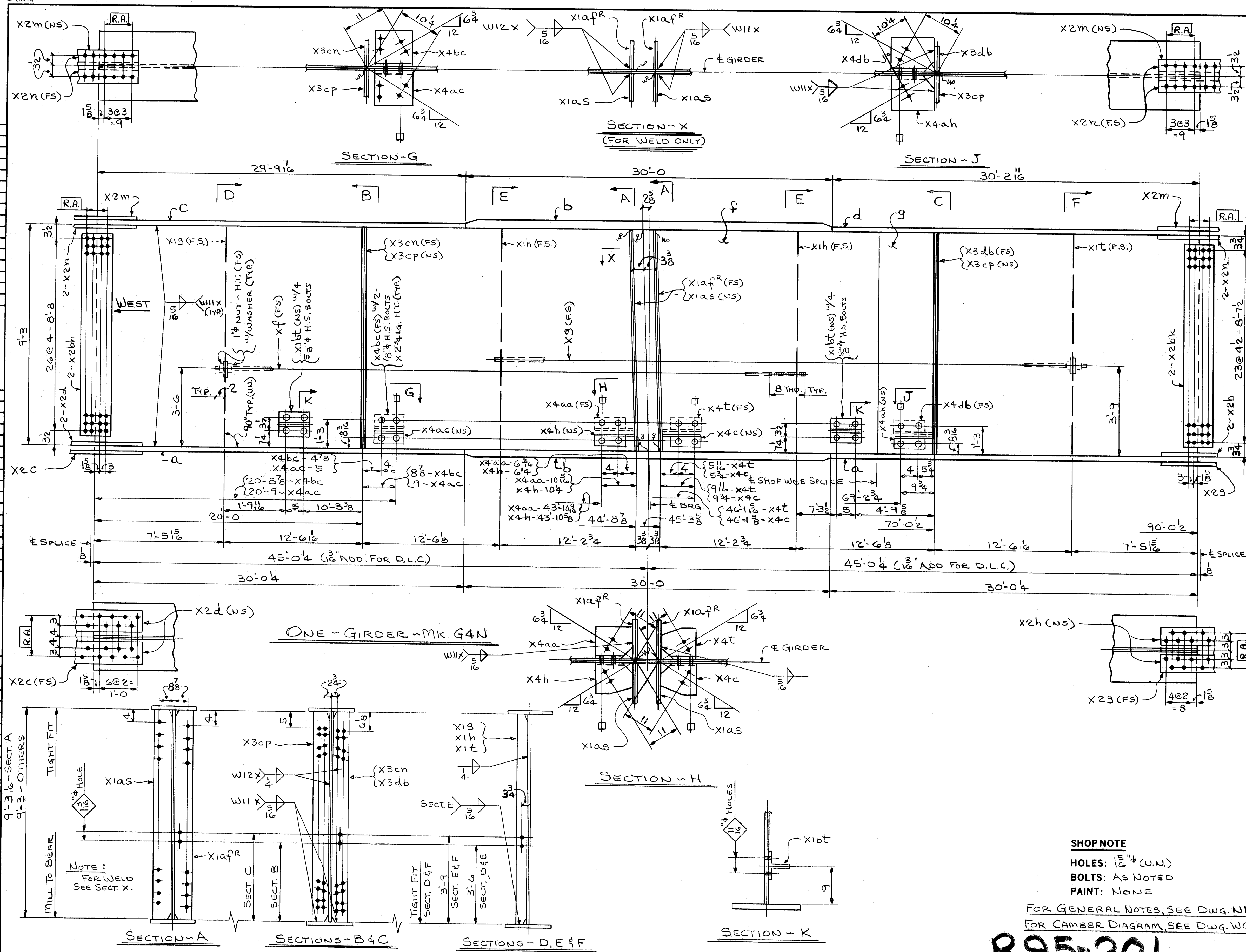
FED. ROAD DIV. NO.		STATE	FED. AID PROJ. NO.
1		ME	11G-395-8(82)174

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	TOTAL WEIGHT
ONE	G3N	GIRDER				49,525
ONE	G6N	GIRDER				49,525
4	a	PL 24 x 1 1/4	30 0 1/4			
4	b	PL 24 x 2	30 0			
2	c	PL 24 x 1 1/4	29 9 1/2			
2	d	PL 24 x 1 1/4	30 2 1/2			
2	f	PL 111 x 1 1/2	65 0			
2	g	PL 111 x 1 1/2	25 0 1/2			
4	x f	1" ROD	50 0 1/2	THD. BOTH ENDS	5 10	
4	x g	1" ROD	50 2 1/4	THD. BOTH ENDS	5 11	
4	x i h	BAR 5 x 1/2	9 3			
2	x i g	BAR 5 x 1/2	9 3			
2	x i t	BAR 5 x 1/2	9 3			
2	x 2 c	PL 19 x 1 1/2	2 6 1/2			
4	x 2 d	BAR 8 x 7/8	2 6 1/2			
2	x 2 g	PL 15 x 1 1/2	1 10 1/2			
4	x 2 h	BAR 6 x 3/4	1 10 1/2			
4	x 2 m	PL 11 x 1/2	2 0 1/2			
8	x 2 n	BAR 4 x 3/4	2 0 1/2			
4	x 2 b h	PL 107 x 1/2	1 0 1/2			
4	x 2 b k	PL 106 1/2 x 1/2	1 0 1/2			
16		1" STD. HEX. NUTS			B1 14	
16		WASH. FOR 1" RODS			B1 12	
32		WASH. FOR 7/8" H.S. BOLTS			B1 11	
8		7/8" H.S. BOLTS	0 24		B1 5	
8		7/8" H.S. BOLTS	0 22		B1 6	
16		7/8" H.S. BOLTS	0 34		B1 8	
4	x i a g	PL 10 x 1"	9 3 1/2	x i a g - G3N		
4	x i a k	PL 10 x 1"	9 3 1/2	x i a k - G6N		
4	x i b s	5 x 3 1/2 x 1/2	0 6	x i a k - G3N		
4	x i b p	5 x 3 x 1/4	0 6	x i a k - G6N		
2	x 3 c h	BAR 7 x 1/2	9 3			
↑	x 3 c m	↑	↑			
	x 3 c w		↑			
	x 3 d a	BAR 7 x 1/2	9 3			
	x 4 t	PL MC 18 x 45.8	0 11 1/2			
	x 4 w	↑	0 11 1/2			
	x 4 y		0 11 1/2			
	x 4 a a		0 11 1/2			
	x 4 a h		0 11 1/2			
	x 4 a t		0 11 1/2			
↓	x 4 b c	↑	0 10			
2	x 4 b m	PL MC 18 x 45.8	0 10			

SHOP NOTE
HOLES: 1 1/2" (U.N.)
BOLTS: AS NOTED
PAINT: NONE
FOR GENERAL NOTES, SEE DWG. N1.
FOR CAMBER DIAGRAM, SEE DWG. W1.
R95-200 Code: 4000

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC.		
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211		
A Subsidiary of High Industries, Inc.		
GIRDERS G3N & G6N		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164 + 60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	6	CONTRACTOR CIANBRO CORP.
IN CHARGE: HINKLE	MADE BY: G.F.Z.	CHKD. BY: J.L.C.
CONTRACT NUMBER: ME-84088-3	DRAWING NUMBER: 23 OF 47	DATE: 10-1-84

AP 22883A



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.
1	ME	11G-395-8(8)174

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM
ONE	G4N	GIRDER			49,255
2	a	R. 24 x 1 1/4	30 0 1/4		
2	b	R. 24 x 2	30 0		
ONE	c	R. 24 x 1 1/4	29 9 1/2		
ONE	d	R. 24 x 1 1/4	30 2 1/2		
ONE	f	R. 111 x 1 1/2	65 0		
ONE	g	R. 111 x 1 1/2	25 0 1/2		
ONE	x4	1" ROD	50 0 2	THD. BOTH ENDS	5 10
ONE	x9	1" ROD	50 2 4	THD. BOTH ENDS	5 11
2	x1h	BAR 5 x 1/2	9 3		
ONE	x13	BAR 5 x 1/2	9 3		
ONE	x1t	BAR 5 x 1/2	9 3		
ONE	x2c	R. 19 x 1 1/2	2 6 1/2		
2	x2d	BAR 8 x 7/8	2 6 1/2		
ONE	x29	R. 15 x 1 1/2	1 10 1/2		
2	x2h	BAR 6 x 3/4	1 10 1/2		
2	x2m	R. 11 x 1/2	2 0 1/2		
4	x2n	BAR 4 x 3/4	2 0 1/2		
2	x2bh	R. 107 x 1/2	1 0 1/2		
2	x2bk	R. 106 1/2 x 1/2	1 0 1/2		
4		1" STD. HEX. NUTS			8 14
4		WASH. FOR 1" RODS			8 12
16		WASH. FOR 7/8" H.S. BOLTS			8 11
16		7/8" H.S. BOLTS	0 2 1/4		8 7
8		5/8" H.S. BOLTS	0 2 1/4		8 3
8		WASH. FOR 5/8" H.S. BOLTS			8 10
2	x1bt	WT. 6 x 13	0 8		
2	x1af	R. 10 x 1"	9 3 1/2		
2	x1as	R. 10 x 1"	9 3 1/2		
2	x3cp	BAR 7 x 1/2	9 3		
ONE	x3cn	BAR 7 x 1/2	9 3		
	x3db	BAR 7 x 1/2	9 3		
	x4c	PC MC18 x 45.8	0 11 1/2		
	x4h	0 11 1/2			
	x4t	0 11 1/2			
	x4aa	0 11 1/2			
	x4ac	0 9 1/2			
ONE	x4bc	0 10			
ONE	x4ah	PC MC18 x 45.8	0 11 1/2		
ONE	x4db	PC MC18 x 45.8	0 11 1/2		

SHOP NOTE

HOLES: 1 1/2" (U.N.)
BOLTS: AS NOTED
PAINT: NONE

FOR GENERAL NOTES, SEE DWG. N1.
FOR CAMBER DIAGRAM, SEE DWG. W1.

R95-201 Code: 4000

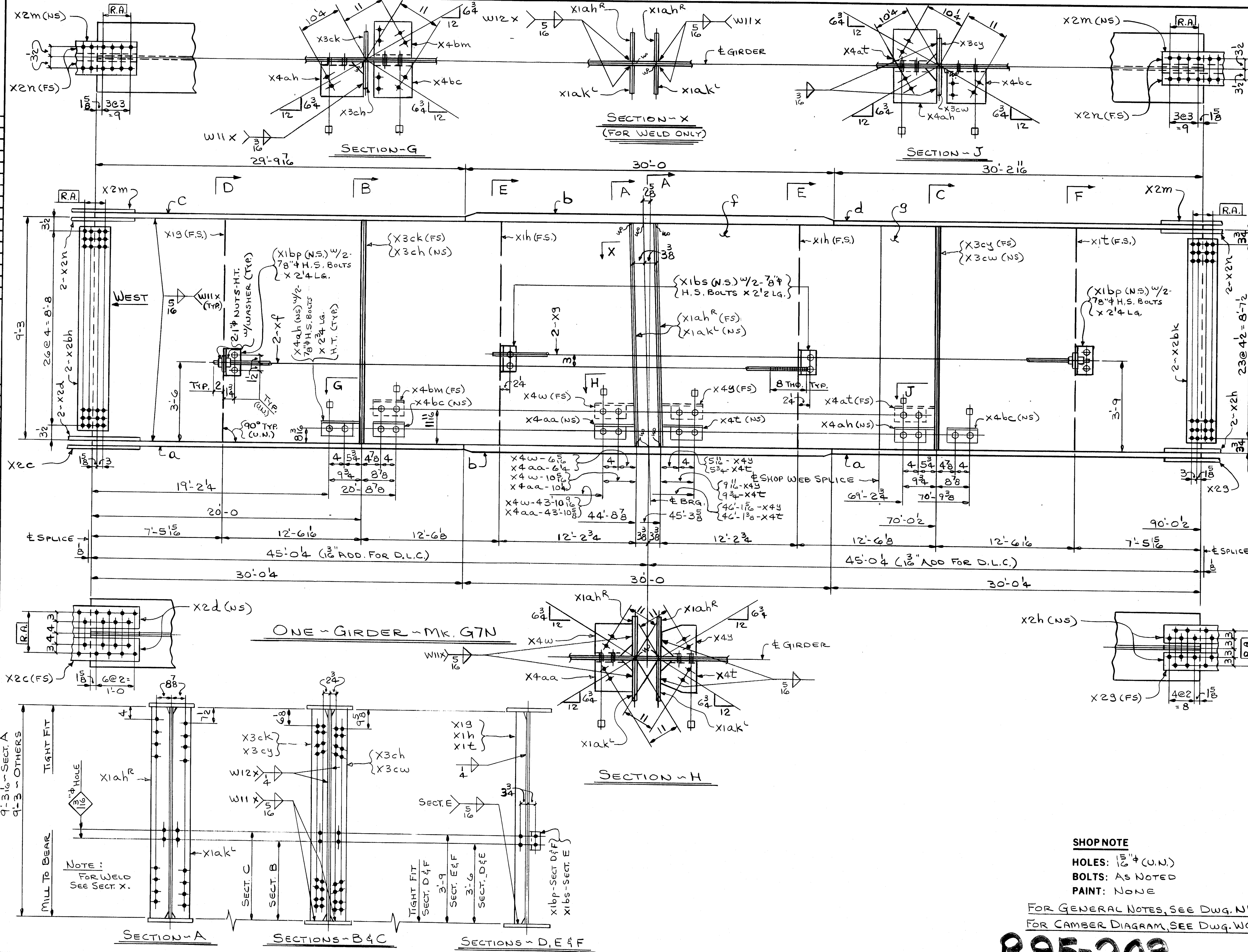
NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC.		
1905 Old Philadelphia Rd. Lancaster, Pennsylvania 17603 Phone 717/299-5211		
A Subsidiary of High Industries, Inc.		
GIRDER G4N		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164 + 60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	CONTRACTOR	DATE
6	CIANBRO CORP.	10-1-84
IN CHARGE: HINKLE	MADE BY: G.F.Z.	CHK. BY: J.L.C.
CONTRACT ME-84088-3	DRAWING NUMBER	24 OF 47

AF 22693A

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FED. ROAD DIV. NO.		STATE		FED. AID PROJ. NO.	
1		ME		114-395-0(82)174	

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	TOTAL WEIGHT
ONE	G7N	GIRDER				49.620
2	a	PL 24 x 1 1/4	30.04			
2	b	PL 24 x 2	30.0			
ONE	c	PL 24 x 1 1/4	29.9 1/2			
↑	d	PL 24 x 1 1/4	30.2 1/2			
↑	f	PL 111 x 1 1/2	45.0			
ONE	g	PL 111 x 1 1/2	25.0 1/2			
2	xf	1" ROD	50.02	THD. BOTH ENDS	5.10	
2	xg	1" ROD	50.24	THD. BOTH ENDS	5.11	
2	xih	BAR 5 x 1/2	9.3			
ONE	xib	BAR 5 x 1/2	9.3			
ONE	xit	BAR 5 x 1/2	9.3			
ONE	x2c	PL 19 x 1 1/2	2.62			
2	x2d	BAR 8 x 3/8	2.62			
ONE	x2g	PL 15 x 1 1/2	1.10 1/2			
2	x2h	BAR 6 x 3/4	1.10 1/2			
2	x2m	PL 11 x 1/2	2.0 1/2			
4	x2n	BAR 4 x 3/4	2.0 1/2			
2	x2bh	PL 107 x 1/2	1.02			
2	x2bk	PL 106 1/2 x 1/2	1.02			
8		1" STD. HEX. NUTS			B. 14	
8		WASH. FOR 1" RODS			B. 12	
28		WASH. FOR 3/8" H.S. BOLTS			B. 11	
4		3/8" H.S. BOLTS	0.24		B. 5	
4		3/8" H.S. BOLTS	0.2 1/2		B. 6	
20		3/8" H.S. BOLTS	0.2 1/4		B. 7	
2	xiah ^R	PL 10 x 1"	9.3 1/2			
2	xiaa ^R	PL 10 x 1"	9.3 1/2			
2	xibs	5 x 3/2 x 1/2	0.6			
2	xibp	5 x 3 x 1/4	0.6			
ONE	x3ch	BAR 7 x 1/2	9.3			
↑	x3ck		↑			
↑	x3cw		↑			
ONE	x3cy	BAR 7 x 1/2	9.3			
ONE	x4t	PL MC18 x 45.8	0.11 1/2			
↑	x4w		0.11 1/2			
↑	x4y		0.11 1/2			
↑	x4aa		0.11 1/2			
↑	x4at		0.11 1/2			
ONE	x4bm		0.10			
2	x4bc		0.10			
2	x4ah	PL MC18 x 45.8	0.11 1/2			

SHOP NOTE

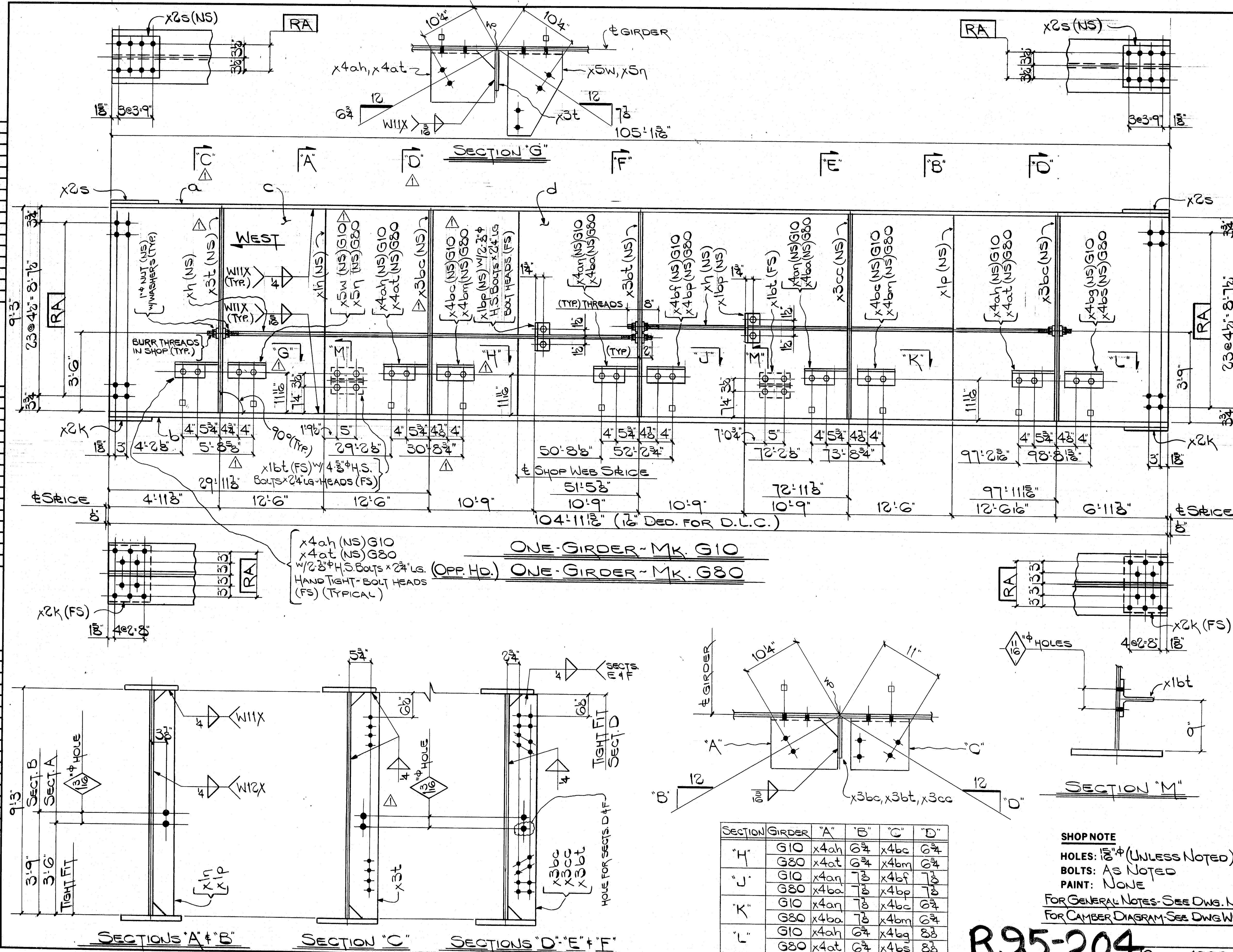
HOLES: 1 1/2" (U.N.)
BOLTS: AS NOTED
PAINT: NONE

FOR GENERAL NOTES, SEE DWG. N1.
FOR CAMBER DIAGRAM, SEE DWG. WCI.

R95-203 Code: 4000

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC.		
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 770-2851		
A Subsidiary of High Industries, Inc.		
GIRDER G7N		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164 + 60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	CONTRACTOR	DATE
6	LANBRO CORP.	10-1-84
IN CHARGE: HINKLE	MADE BY: G.F.Z.	CHK'D BY: JLC
CONTRACT NUMBER: ME-84088-3	DRAWING NUMBER: 26 OF 47	

AP 22885A




FED. ROAD DIV. NO.		STATE	FED. AID PROJ. NO.
1		ME	116358(2)176

BILL OF MATERIAL						
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	ITEM	TOTAL WEIGHT
ONE GIRDER ~ MK. G10						
ONE GIRDER ~ MK. G80 (OPPHD.)						
2	a	R. 14 x 3/4	105' 11 1/2"			38.220
2	b	R. 10 x 1	104' 11 1/2"			27.12
2	c	R. 11 1/2 x 1 1/2	35' 6 1/2"			57.12
2	d	R. 11 1/2 x 1 1/2	6' 6 1/2"			10.47
4	x2k	Fill R. 15 x 4	0' 11 1/2"			2.74
4	x2s	Fill R. 11 x 2	1' 0 1/2"			2.70
2	x1n	BAR 5 x 2	9' 3"			7.20
2	x1p	BAR 5 x 2	9' 3"			7.20
4	x1bp	5 x 3 x 4	0' 6"			2.50
4	x1bt	WT 6 x 13	0' 8"			17.20
2	x3t	BAR 7 x 2	9' 3"			10.40
4	x3bc	BAR 7 x 2	9' 3"			22.10
2	x3bt	BAR 7 x 2	9' 3"			10.40
2	x3cc	BAR 7 x 2	9' 3"			10.40
3	x4ah	R. MC18 x 45.8	0' 11 1/2"	G10		12.42
3	x4at		0' 11 1/2"	G80		
2	x4bc		0' 10"	G10		7.20
2	x4bm		0' 10"	G80		
ONE	x5w		0' 8 3/4"	G10		2.80
ONE	x5n		0' 8 3/4"	G80		
2	x4an		0' 11 1/2"	G10		12.40
2	x4ba		0' 11 1/2"	G80		
ONE	x4bf		0' 10"	G10		7.20
ONE	x4bp		0' 10"	G80		
ONE	x4bg		0' 10"	G10		7.20
ONE	x4bs	R. MC18 x 45.8	0' 10"	G80		
4	xh	1" Rod	46' 10"	THREAD BOTH ENDS	5 546	
16		8" H.S. BOLT	0' 24"		51 3	
16		WASHERS FOR 8" H.S. BOLTS			51 10	
8		8" H.S. BOLT	0' 24"		51 5	
40		8" H.S. BOLT	0' 24"		51 1	
48		WASHERS FOR 8" H.S. BOLTS			51 11	
16		1" STD. HEX. NUTS			51 14	
16		WASHERS FOR 1" RODS			51 12	

NO.	REVISION	DATE
1	Const. joint moved control #1 is	11-19-84

HIGH STEEL STRUCTURES, INC.



1905 Old Philadelphia Pike
Lancaster, Pennsylvania 17603
Phone 717/299-5211

A Subsidiary of High Industries, Inc.

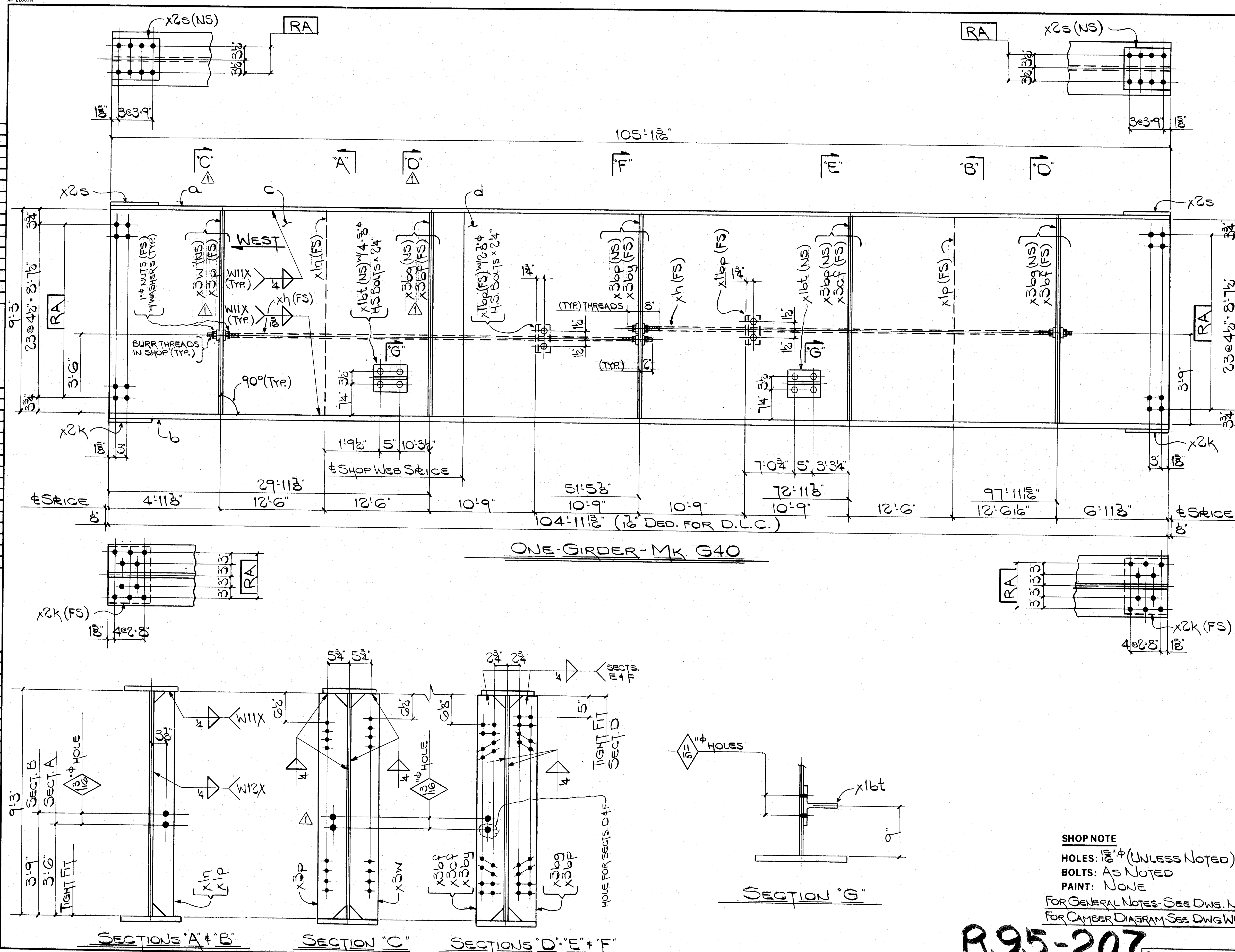
GIRDER ~ G10 & G80	
I-395 BRIDGE OVER PENOBSCOT RIVER	
I-395 BRIDGE STA. 164 + 60.00	
PENOBSCOT COUNTY	
STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
STATE CONTRACT OR REF. NO.	CONTRACTOR
6	CIANBRO CORP.
IN CHARGE:	HINKLE
MADE BY:	CS
CHK'D BY:	JLC
DATE:	9-27-84
CONTRACT NUMBER:	ME-84028-3
DRAWING NUMBER:	27 of 47

R95-204 Code: 4000

SHOP NOTE
 HOLES: 1/2" (UNLESS NOTED)
 BOLTS: AS NOTED
 PAINT: NONE
 FOR GENERAL NOTES-SEE DWG. N1
 FOR CAMBER DIAGRAM-SEE DWG. WCI

SECTION	GIRDER	"A"	"B"	"C"	"D"
"H"	G10	x4ah	6 3/4"	x4bc	6 3/4"
"H"	G80	x4at	6 3/4"	x4bm	6 3/4"
"J"	G10	x4an	7 3/8"	x4bf	7 3/8"
"J"	G80	x4ba	7 3/8"	x4bp	7 3/8"
"K"	G10	x4an	7 3/8"	x4bc	6 3/4"
"K"	G80	x4ba	7 3/8"	x4bm	6 3/4"
"L"	G10	x4ah	6 3/4"	x4bg	8 3/8"
"L"	G80	x4at	6 3/4"	x4bs	8 3/8"

AP 22083A

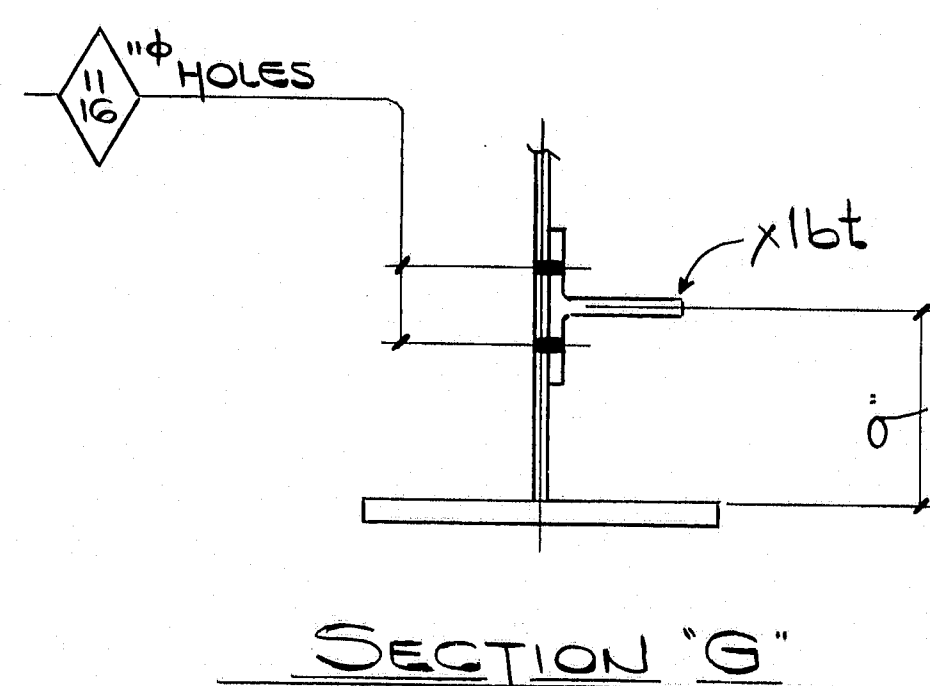


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.
1	ME	113358(2)176

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	TOTAL WEIGHT
ONE GIRDER - MK. G40					
ONE	a	R. 14 x 24	105' 1 1/8"		
ONE	b	R. 16 x 1	104' 11 1/8"		
ONE	c	R. 111 x 16	35' 6 1/2"		
ONE	d	R. 111 x 16	69' 6 1/2"		
2	x2k	FILL R. 15 x 4	0' 11 1/8"		
2	x2s	FILL R. 11 x 2	1' 0 1/8"		
ONE	x1n	BAR 5 x 2	9' 3"		
ONE	x1p	BAR 5 x 2	9' 3"		
2	x1bp	5 x 3 x 4	0' 6"		
2	x3bp	BAR 7 x 2	9' 3"		
2	x3bp				
ONE	x3w				
ONE	x3p				
2	x3bp				
ONE	x3by				
ONE	x3cf	BAR 7 x 2	9' 3"		
2	xh	1" ROD	46' 10"	THREAD BOTH ENDS	5' 5 1/2"
2	x1bt	WTG x 13	0' 8"		
8		3" H.S. BOLT	0' 24"		8' 3"
8		WASHERS FOR 3" H.S. BOLTS			8' 10"
4		3" H.S. BOLT	0' 24"		8' 3"
4		WASHERS FOR 3" H.S. BOLTS			8' 11"
8		1" STD. HEX. NUTS			8' 14"
8		WASHERS FOR 1" RODS			8' 12"

SHOP NOTE

HOLES: 1 1/8" (UNLESS NOTED)
 BOLTS: AS NOTED
 PAINT: NONE
 FOR GENERAL NOTES - SEE DWS. N1
 FOR CAMBER DIAGRAM - SEE DWS. WCI



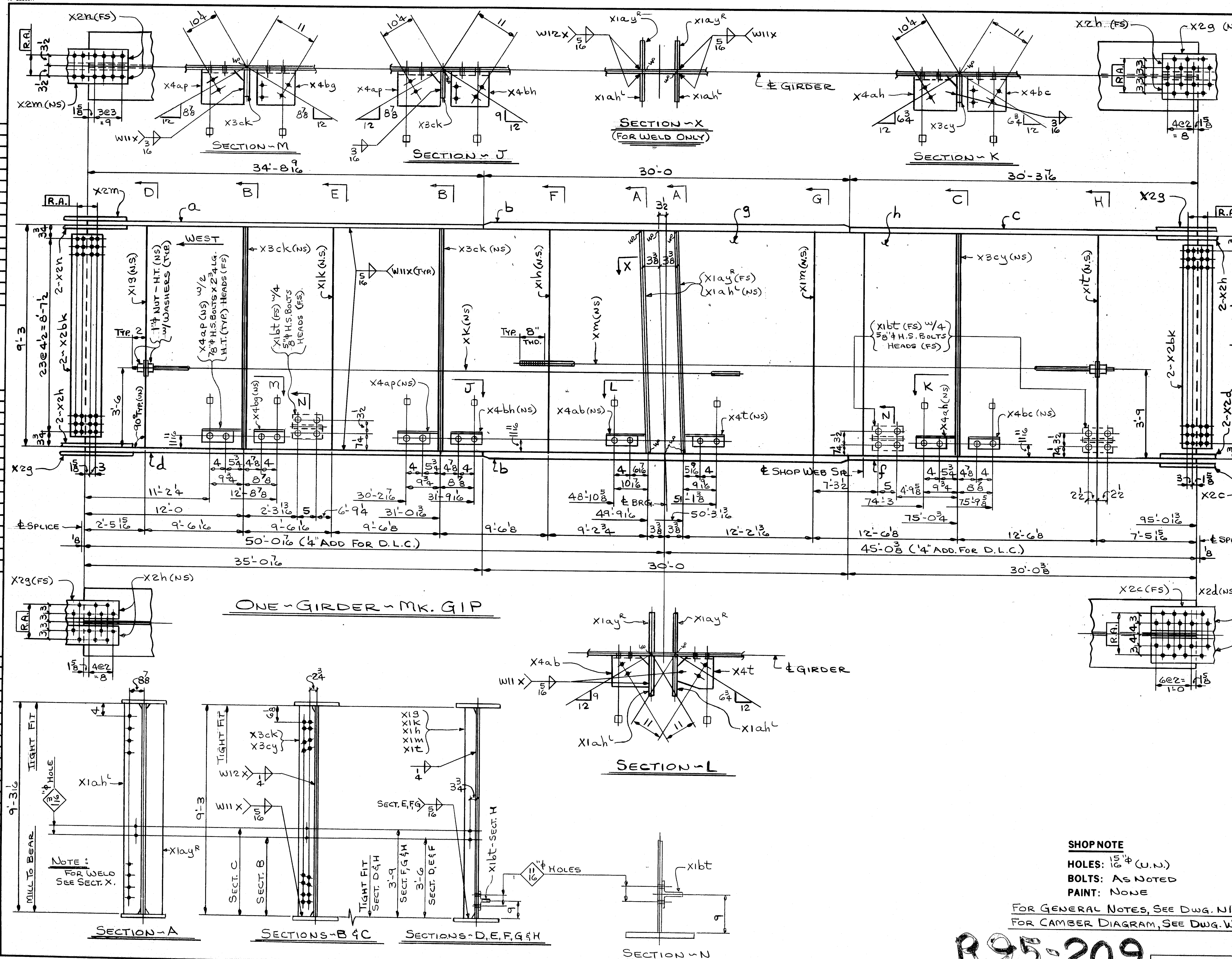
R95-207 CODE: 4000

NO.	REVISION	const. joint moved	DATE
1		control	11-19-84

HIGH STEEL STRUCTURES, INC.
 1905 Old Philadelphia Pike
 LANCASTER, PENNSYLVANIA 17603
 Phone 717/299-0211
 A Subsidiary of High Industries, Inc.

GIRDER - G40
 I-395 BRIDGE OVER PENOBSCOT RIVER
 I-395 BRIDGE STA. 164 + 60.00
 PENOBSCOT COUNTY
 STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 STATE CONTRACT OR REF. NO. 6 CONTRACTOR CIAMRO CORP.
 IN CHARGE: HINKLE MADE BY: CS CHK'D: JLC DATE: 9-27-84
 CONTRACT NUMBER: ME-84088-3 DRAWING NUMBER: 30 OF 47

AP 22883A



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.
1	ME	116-395-8(20)04

BILL OF MATERIAL					
NO.	MARK	DESCRIPTION	LENGTH	REMARKS	TOTAL WEIGHT
ONE	GIP	GIRDER			52.900
ONE	a	PL 24 x 14	34.8 1/2		
2	b	PL 24 x 24	30.0		
ONE	c	PL 24 x 14	30.3 1/2		
d		PL 24 x 14	35.0 1/2		
f		PL 24 x 14	30.0 3/8		
g		PL 111 x 16	66.1		
h		PL 111 x 16	28.11 1/2		
X19		BAR 5 x 1/2	9.3		
X1h					
X1k					
X1m					
X1t		BAR 5 x 1/2	9.3		
XK		1" ROD	57.0 1/4	THD. BOTH ENDS	5.12
ONE	XM	1" ROD	50.2 3/4	THD. BOTH ENDS	5.11
4		WASH. FOR 1" ROD			
4		1" STR. HEX. NUTS			
2	X23	PL 15 x 1/2	1.10 1/2		
4	X2h	BAR 6 x 3/4	1.10 1/2		
ONE	X2m	PL 11 x 1/2	2.0 1/2		
2	X2n	BAR 4 x 3/4	2.0 1/2		
4	X2b	PL 10 1/2 x 1/2	1.0 1/2		
ONE	X2c	PL 19 x 1/2	2.6 1/2		
2	X2d	BAR 8 x 7/8	2.6 1/2		
2	X3ck	BAR 7 x 1/2	9.3		
ONE	X3cy	BAR 7 x 1/2	9.3		
3	X1bt	WT 6 x 13	0.8		
16		WASH. FOR 3/8" H.S. BOLTS			
16		3/8" H.S. BOLTS	0.2 3/4		
12		3/8" H.S. BOLTS	0.2 1/4		
12		WASH. FOR 5/8" H.S. BOLTS			
2	X1ah	PL 10 x 1"	9.3 1/2		
2	X1ay	PL 10 x 1"	9.3 1/2		
ONE	X4t	PL MC 18 x 4.5.8	0.11 1/2		
	X4ab		0.11 1/2		
	X4ah		0.11 1/2		
	X4bc		0.10		
	X4bh		0.10		
ONE	X4bg		0.10		
2	X4ap	PL MC 18 x 4.5.8	0.11 1/2		

SHOP NOTE
 HOLES: 1 1/4" (U.N.)
 BOLTS: AS NOTED
 PAINT: NONE
 FOR GENERAL NOTES, SEE DWG. N1.
 FOR CAMBER DIAGRAM, SEE DWG. WC2

NO.	REVISION	DATE
HIGH STEEL STRUCTURES, INC.		
1905 Old Philadelphia Pike Lancaster, Pennsylvania 17603 Phone 717/299-5211		
A Subsidiary of High Industries, Inc.		
GIRDER GIP		
I-395 BRIDGE OVER PENOBSCOT RIVER		
I-395 BRIDGE STA. 164+60.00		
PENOBSCOT COUNTY		
STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
STATE CONTRACT OR REF. NO.	CONTRACTOR	DATE
6	GAMBRO CORP.	
IN CHARGE:	MADE BY:	CHKD. BY:
HINKLE	G.F.Z.	J.L.C.
CONTRACT NUMBER:	DRAWING NUMBER:	DATE:
ME-84088-3	32 OF 47	10-1-84

R95-209 CODE: 4000