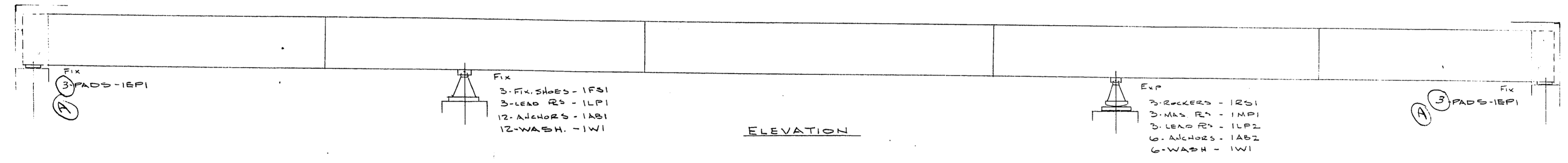
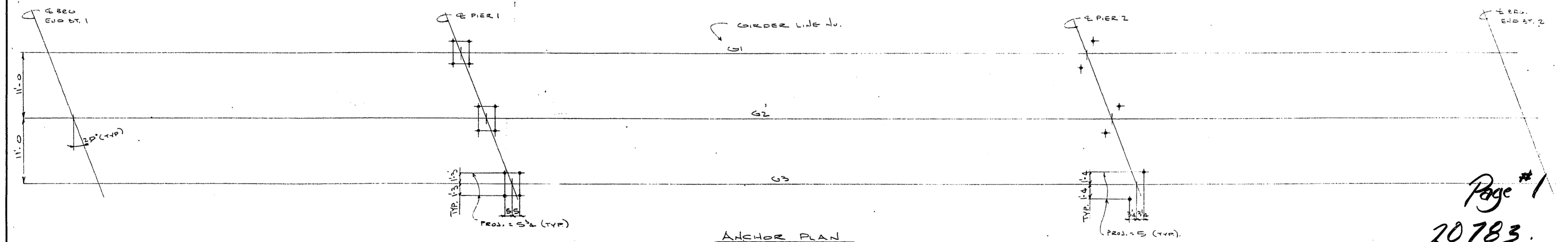


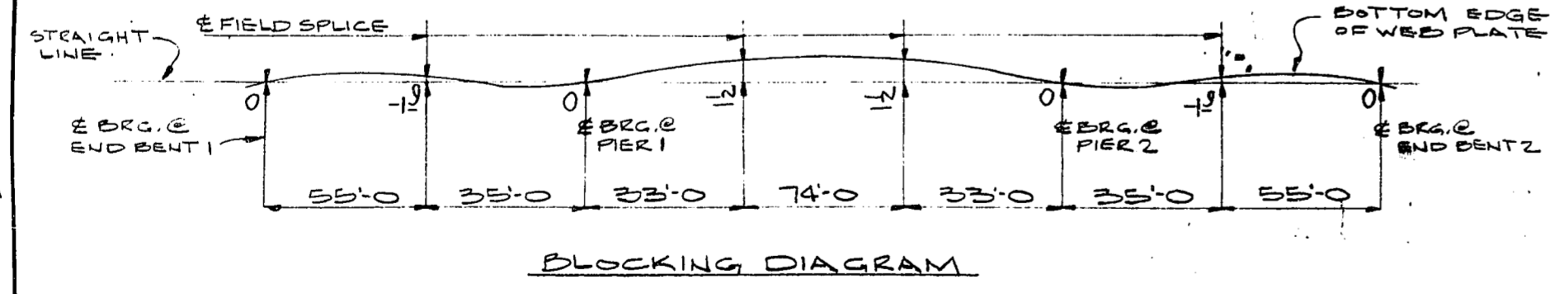
FRAMING PLAN



ELEVATION



ANCHOR PLAN



BLOCKING DIAGRAM

NOTE: MATCH MARKS ARE SHOWN THUS: (C)

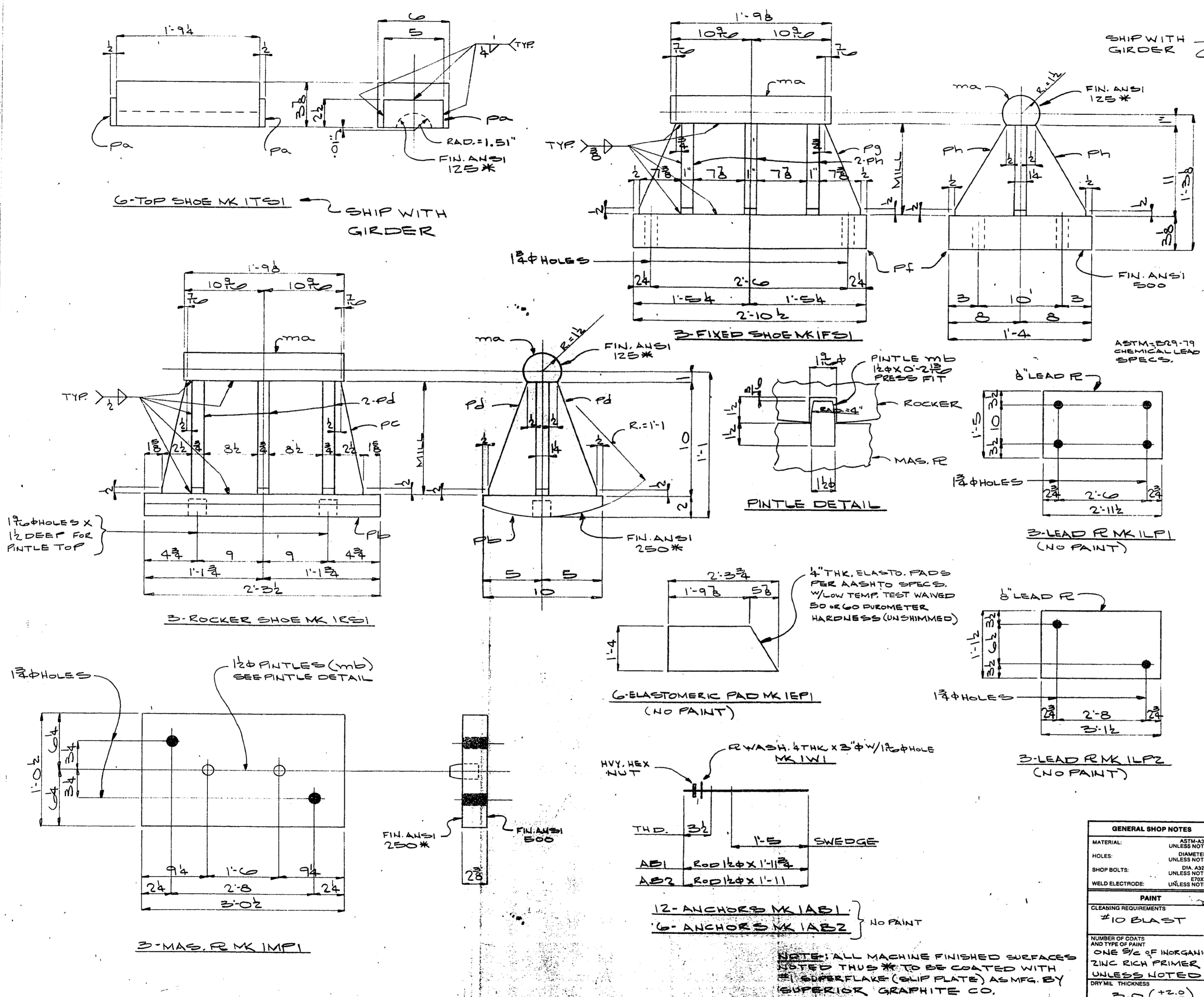
WE ACCEPT NO LIABILITY FOR ANY DESIGN WHICH HAS BEEN APPROVED BY ARCHITECT OR ENGINEER.

NOTICE TO ERECTOR

STRUCTURAL STEEL MEMBERS SHALL BE ERECTED SO THAT MARKED END OF PIECE IS IN SAME LOCATION AS SHOWN ON THIS DRAWING. EACH CHARGE FOR CORRECTIVE WORK OR REPLACED MATERIALS WILL NOT BE ACCEPTED UNLESS EXPRESSLY AUTHORIZED BY PIGEON THOMAS ENGINEER, BEFORE ANY SUCH COSTS ARE INCURRED.

		PIGEON THOMAS IRON COMPANY P. O. Box 20, Memphis, TN 38101	
		PE. Proj. No. BR5 5139 (10) STRUCTURE KY 2 OVER LITTLE SANDY RIVER LOCATION GREENUP COUNTY, KY. CUSTOMER DL BRAUGHLER ARCHITECT KY BUREAU OF HIGHWAYS ENGINEER SAME	
CONTRACT NO. 5074 DRAWING NO. E1	DATE 8/5/99 CHECKED H.J. DATE 8/22	REVISIONS	STA. 17+15

Page #1
20783



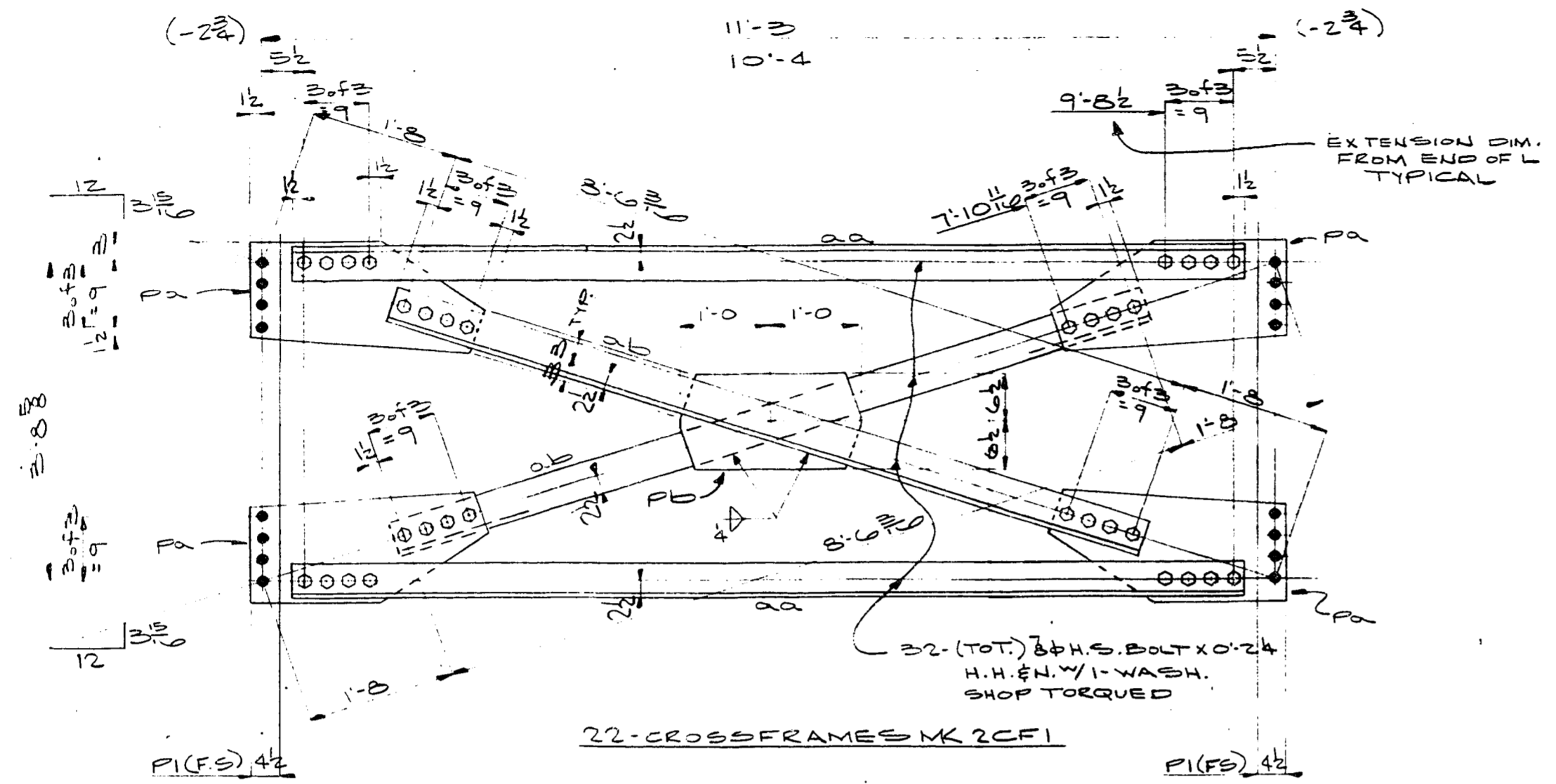
BILL OF MATERIAL

NO	MATERIAL DESCRIPTION	LENGTH FEET	DETAIL MARK	SHIPPING MARK	REMARKS	MATERIAL SPECIFICATION	CALCULATED WEIGHT LBS
1							
2	6 R 2 3/8 X 6	1 9/4			ITS 1		
3	12 R 1/2 X 2 1/2	0 5			Pa		
4							
5							
6	3 ROCKER SHOE				IRS 1		
7	3 BAR 3\"/>						

STA. 17+15

GENERAL SHOP NOTES		<p align="center">PIDGEON THOMAS IRON COMPANY P. O. Box 20, Memphis, TN 38101</p>	PE PROJ. NO. BKS 5239 (10)	
MATERIAL: UNLESS NOTED	ASTM A 36		STRUCTURE KY. 2 OVER LITTLE SANDY RIVER	
HOLES: UNLESS NOTED	DIA. AS NOTED		LOCATION GREENUP COUNTY, KY	
SHOP BOLTS: UNLESS NOTED	DIA. AS NOTED		CUSTOMER D.L. BRAUGHLER	
WELD ELECTRODE: UNLESS NOTED	UNLESS NOTED		ARCHITECT KY. BUREAU OF HIGHWAYS	
PAINT		ENGINEER SAME		
CLEANING REQUIREMENTS		REVISIONS		
#10 BLAST		FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET REFER TO ERECTION PLANS		
NUMBER OF COATS AND TYPE OF PAINT		REVISIONS		
ONE 3/2 OF INORGANIC ZINC RICH PRIMER UNLESS NOTED		WE ACCEPT NO LIABILITY FOR ANY FORGON WHICH HAS BEEN APPROVED BY ARCHITECT OR ENGINEER		
DRY MIL THICKNESS		DATE		
2.0 (+2.0 -0.5)		E1'		
		FABRICATION ASSIGNED TO MEMPHIS WEST MEMPHIS		
		WEST MEMPHIS CONTRACT NUMBER		
		3074		
		PIGEON THOMAS CONTRACT NUMBER		
		4		
		COST SEGMENT NUMBER		
		1		
		DRAWING NUMBER		

NOTE: ALL MACHINE FINISHED SURFACES NOTED THIS * TO BE COATED WITH SUPERFLAKE (SLIP PLATE) AS MFG. BY SUPERIOR GRAPHITE CO.

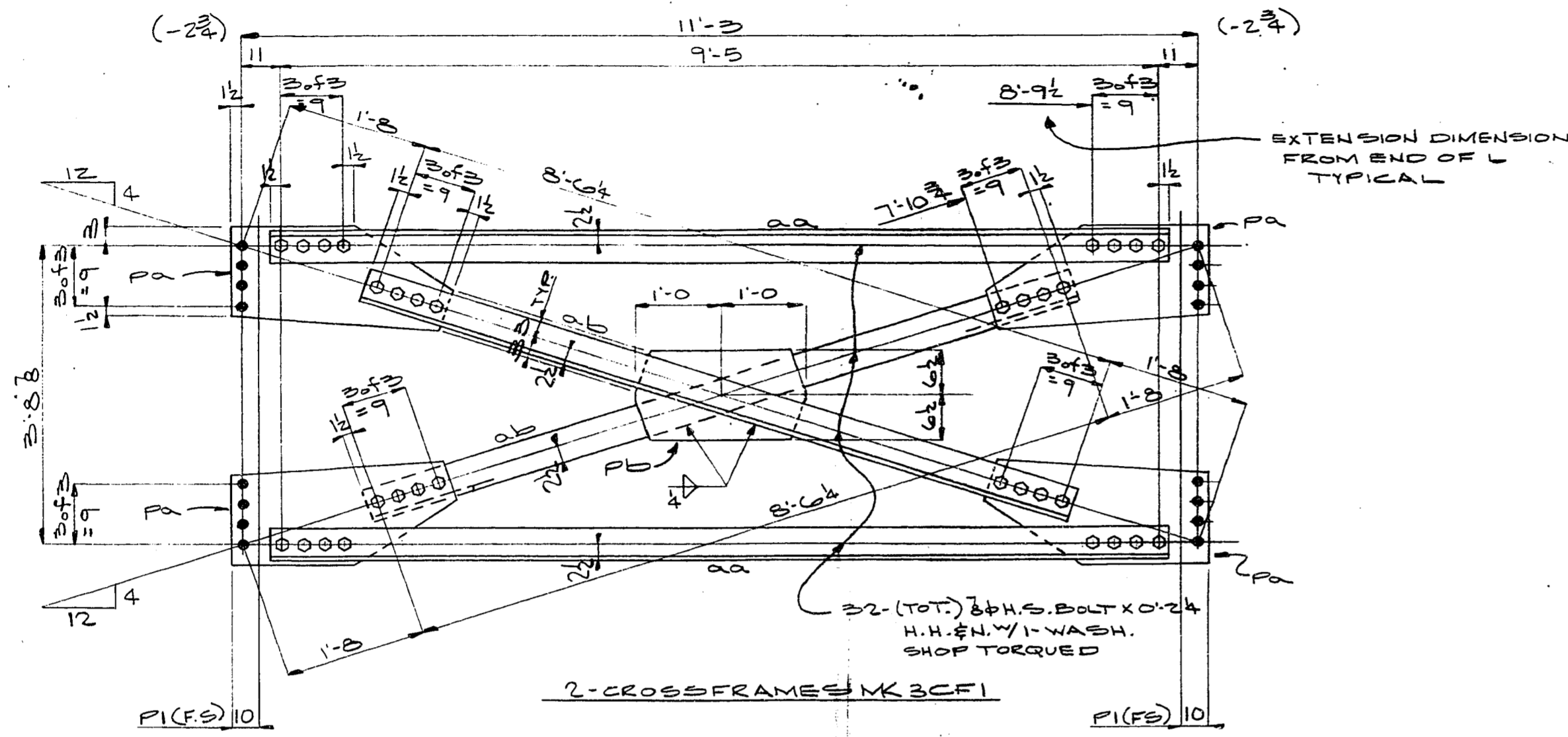


BILL OF MATERIAL							
NO.	DESCRIPTION	LENGTH	DETAIL MARK	SHIPPING MARK	REMARKS	WEIGHT FOR ONE SHIP PIECE	CALCULATED WEIGHT FOR ONE SHIP PIECE
3	22 CROSSFRAMES				2CF1		
4	44 LB X 5 X 3/8	10'-7"					
5	44 LB X 5 X 3/8	9'-7 1/2"					
6	22 FB X 1 1/2	10'-0"					
7	22 FB X 1 1/2	10'-0"					
8	704 8# H.S. BOLT	0.24			1-WASH		

PI - DESIGNATES FIELD CONTACT SURFACE TO RECEIVE 1.5 (10.5) MIL THICKNESS PAINT

GENERAL SHOP NOTES				PIDGEON THOMAS IRON COMPANY P. O. Box 20, Memphis, TN 38101	
MATERIAL	UNLESS NOTED	DATE	6-84	RE. PROJ. NO. BR 5239 (10)	STRUCTURE KY. 2 OVER LITTLE SANDY RIVER
Holes	UNLESS NOTED	CHECKED BY	J.B.	LOCATION	GREENUP COUNTY, KY.
SHOP BOLTS	UNLESS NOTED	DATE	6-84	CUSTOMER	D.L. BRAUGHLER
WELD ELECTRODE	UNLESS NOTED	REVISIONS	E1	ARCHITECT	KY. BUREAU OF HIGHWAYS
PAINT		WE ACCEPT NO LIABILITY FOR ANY DESIGN WHICH HAS BEEN APPROVED BY ARCHITECT OR ENGINEER		ENGINEER	SAME
CLEANING REQUIREMENTS		FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET REFER TO SECTION PLANS		FABRICATION ASSIGNED TO MEMPHIS <input type="checkbox"/> WEST MEMPHIS <input type="checkbox"/>	
#10 BLAST		WEST MEMPHIS CONTRACT NUMBER	5074	PROJ. NO. CONTRACT NUMBER	3
NUMBER OF COATS AND TYPE OF PAINT		COST SEGMENT NUMBER		DRAWING NUMBER	2
ONE 1/2 OF INORGANIC ZINC RICH PRIMER UNLESS NOTED					
DRY MIL THICKNESS					
3.0 (+2.0) UNLESS NOTED					

STA. 17+15

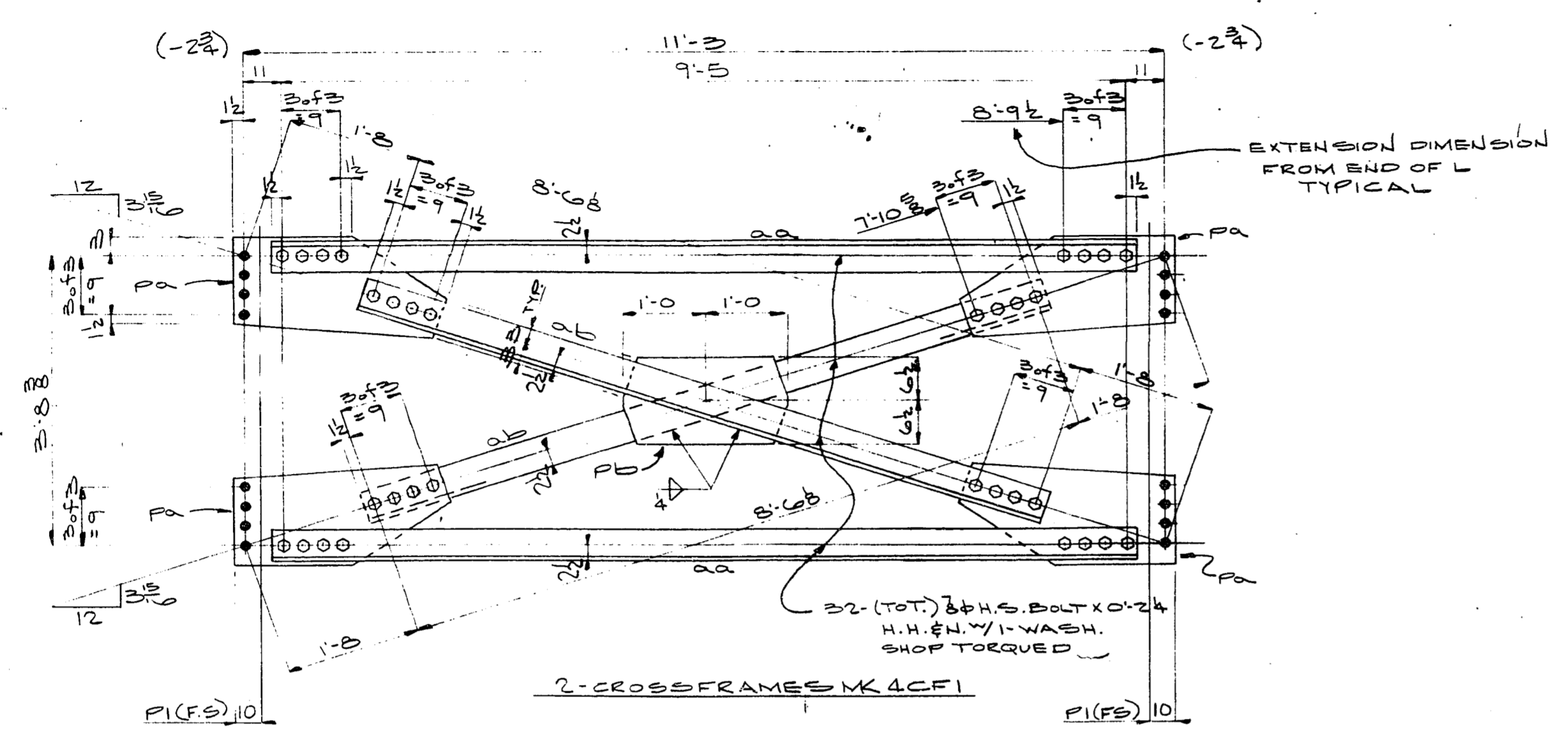


BILL OF MATERIAL									
LINE NO.	NO OF Pcs ON SHEET	MATERIAL		DETAIL MARK	SHIPPING MARK	REMARKS	MATERIAL SPECIFICATION OR OTHER MAN. OR IDENTIFYING CHARACTERS	ADV. P.L. #	CALCULATED WEIGHT FOR THIS SHEET
		DESCRIPTION	LENGTH						
1									
2									
3	2	CROSSFRAMES				3CF1			
4	4	L5X5X3/8	9	0.0					
5	4	L5X5X3/8	8	9.4	0.0				
6	8	PL3X15/2	2	7.8	PA				
7	2	PL3X13	2	0	PD				
8	64	3/8 H.S. BOLT	0	2.4			WHEN W/ WASH.	A225	
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									

PI- DESIGNATES FIELD CONTACT SURFACE TO RECEIVE 1.5 (10.5) MIL THICKNESS PAINT


GENERAL SHOP NOTES MATERIAL: UNLESS NOTED ASTM A36 HOLES: UNLESS NOTED 3/8" DIA. SHOP BOLTS: UNLESS NOTED 3/8" DIA. A325 WELD ELECTRODE: UNLESS NOTED E70XX			PIDGEON THOMAS IRON COMPANY P. O. Box 20, Memphis, TN 38101	
PAINT CLEANING REQUIREMENTS #10 BLAST NUMBER OF COATS AND TYPE OF PAINT ONE (1) OF INORGANIC ZINC RICH PRIMER UNLESS NOTED DRY MIL THICKNESS 3.0 (+2.0) UNLESS NOTED			RE. PROJ. NO. BRS 5239 (10) STRUCTURE KY 2 OVER LITTLE SANDY RIVER LOCATION GREENUP COUNTY, KY. CUSTOMER D.L. BRAUGHLER ARCHITECT KY. BUREAU OF HIGHWAYS ENGINEER SAME	
DATE: 6-84 CHECKED BY: J.B. DATE: 6-84		DETAILED BY: H.J. DATE: 6-84		
REVISIONS FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET REFER TO SECTION PLANS		FABRICATION ASSIGNED TO MEMPHIS <input type="checkbox"/> WEST MEMPHIS <input type="checkbox"/>		
WEST MEMPHIS CONTRACT NUMBER: E1		PIDGEON THOMAS CONTRACT NUMBER: 5074 COST SEGMENT NUMBER: 3 DRAWING NUMBER: 3		

STA. 17+15 4



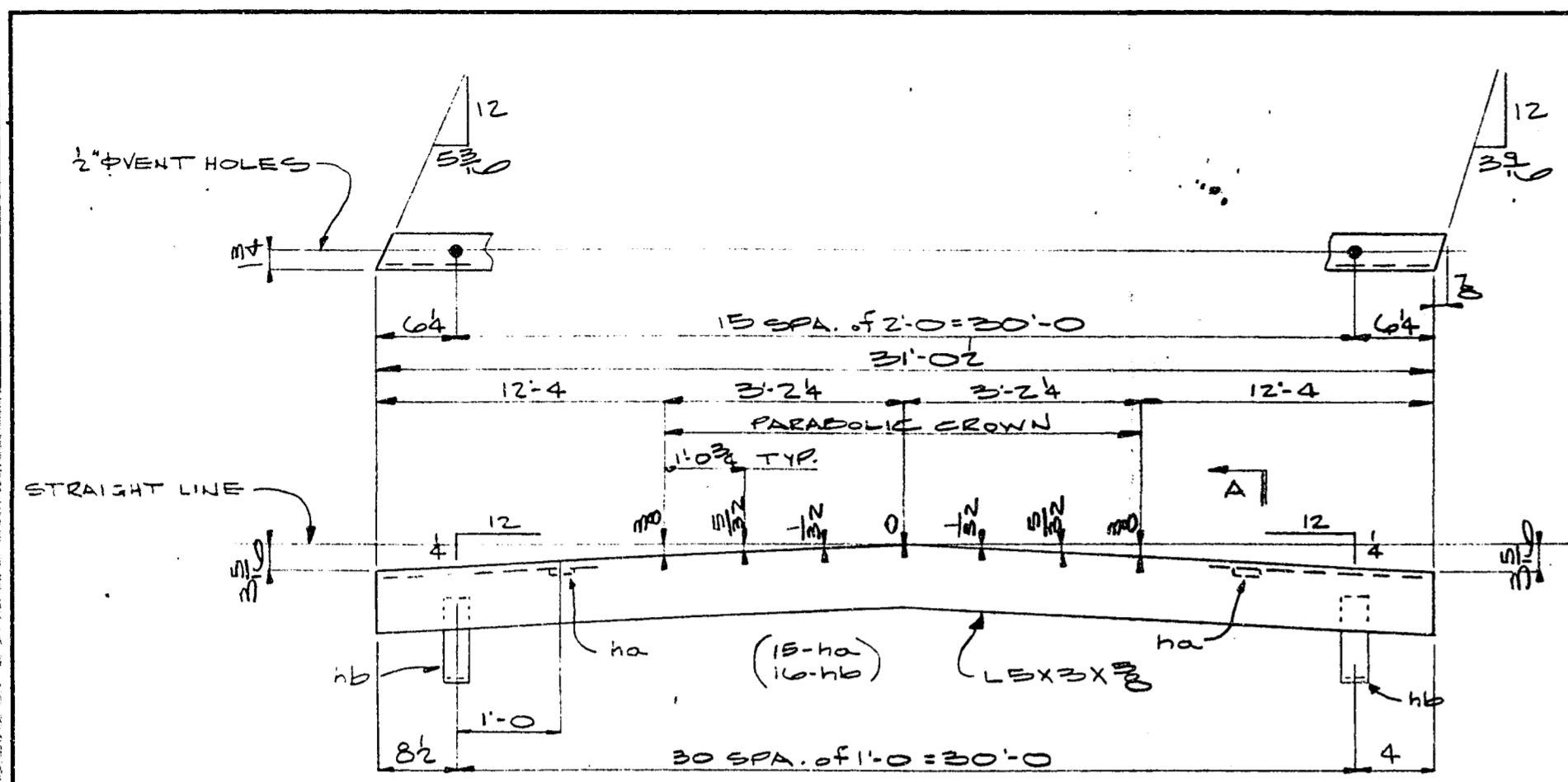
BILL OF MATERIAL									
NO.	NO OF PCS ON BATCH	MATERIAL		DETAIL MARK	SHIPPING MARK	REMARKS	MATERIAL SPECIFICATION OTHER THAN SIZE DENOTES CHARTY VARIATION	ADV. BILL PAGE LINE	CALCULATED WEIGHT FOR ONE SHOP NECK
		DESCRIPTION	LENGTH						
1									
2									
3	2	CROSSFRAMES			4CF1				
4	4	L5X5X3/8	9.5	aa					
5	4	L5X5X3/8	8.95	ab					
6	8	FE3X15E	2.75	Pa					
7	2	FE3X13	2.0	Pb					
8	64	3/4\"/>							

P1 - DESIGNATES FIELD CONTACT SURFACE TO RECEIVE 1.5 (±0.5) MIL THICKNESS PAINT

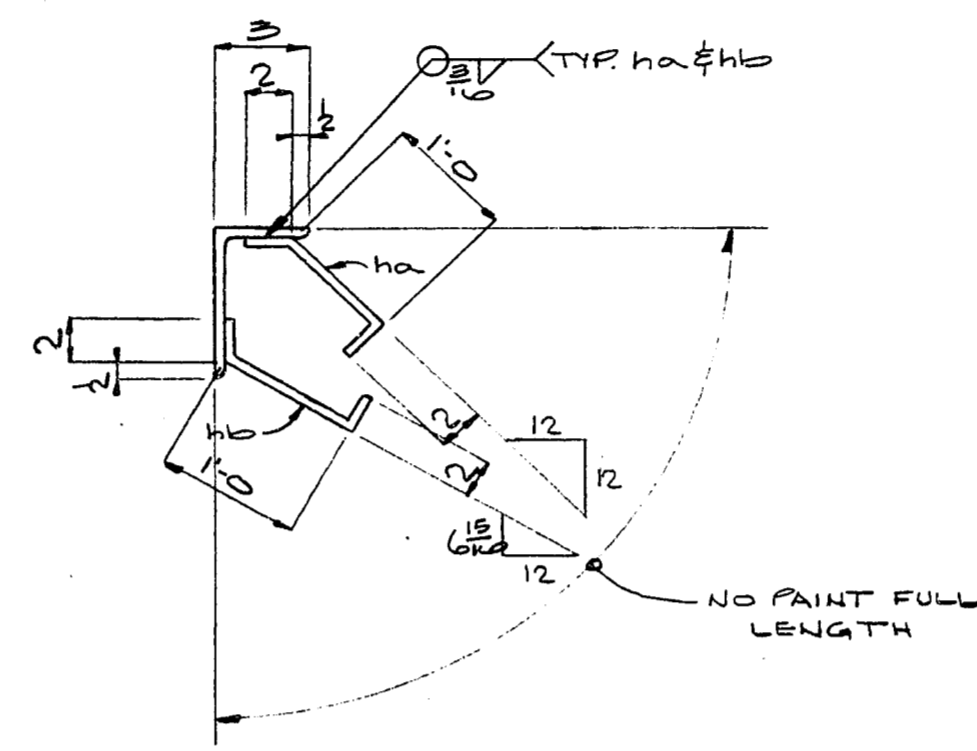
GENERAL SHOP NOTES		<input type="checkbox"/> (F) <input type="checkbox"/> (G) <input type="checkbox"/> (H) <input type="checkbox"/> (I) <input type="checkbox"/> (J) <input type="checkbox"/> (K) <input type="checkbox"/> (L) <input type="checkbox"/> (M) <input type="checkbox"/> (N) <input type="checkbox"/> (O) <input type="checkbox"/> (P) <input type="checkbox"/> (Q) <input type="checkbox"/> (R) <input type="checkbox"/> (S) <input type="checkbox"/> (T) <input type="checkbox"/> (U) <input type="checkbox"/> (V) <input type="checkbox"/> (W) <input type="checkbox"/> (X) <input type="checkbox"/> (Y) <input type="checkbox"/> (Z)			PIDGEOON THOMAS IRON COMPANY P. O. Box 20, Memphis, TN 38101	RE PROJ. NO. ERS 5239(10)
MATERIAL $\frac{1}{2}$ " ϕ UNLESS NOTED HOLES $\frac{1}{2}$ " ϕ UNLESS NOTED SHOP BOLTS $\frac{3}{4}$ " UNLESS NOTED WELD ELECTRODE UNLESS NOTED	DETAILED BY H.J. DATE 6-84 CHECKED BY J.B. DATE 6-84	STRUCTURE KY. 2 OVER LITTLE SANDY RIVER LOCATION GREENUP COUNTY, KY. CUSTOMER D.L. DRAUGHLER ARCHITECT KY. BUREAU OF HIGHWAYS ENGINEER SAME	FABRICATION ASSIGNED TO MEMPHIS <input type="checkbox"/> WEST MEMPHIS <input type="checkbox"/>			
PAINT CLEANING REQUIREMENTS #10 BLAST NUMBER OF COATS AND TYPE OF PAINT ONE COAT OF INORGANIC ZINC RICH PRIMER UNLESS NOTED DRY MIL THICKNESS 3.0 (±0.5) UNLESS NOTED		DATE _____ LOCATION _____ APPROVED BY _____ ENGINEER _____	WEST MEMPHIS CONTRACT NUMBER 5074 PROJEON THOMAS CONTRACT NUMBER 3 COST SEGMENT NUMBER 4	DRAWING NUMBER 4		

STA. 17+15

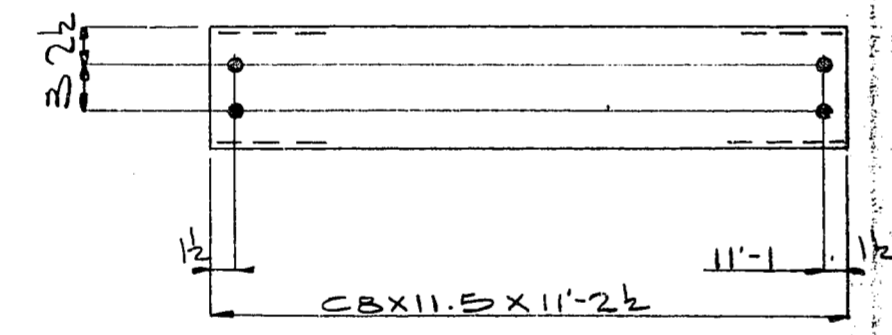
5



2-EDGE ANGLES MK SEA1



SECT. A
(ENLARGED)

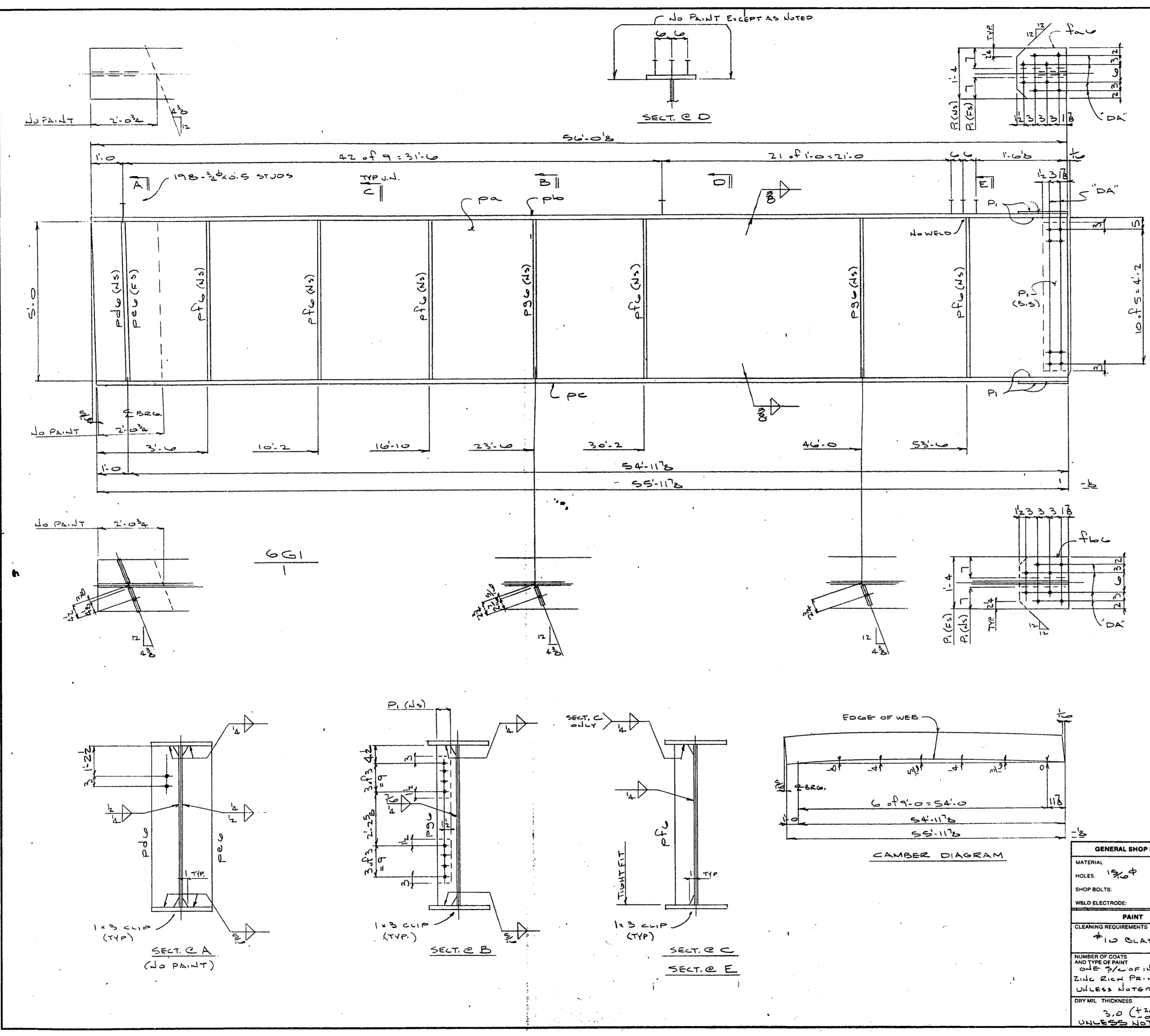


4-DIAPH. MK SD1
NO PAINT

BILL OF MATERIAL									
NO.	NO. OF Pcs ON SHEET	MATERIAL DESCRIPTION	LENGTH		DETAIL MARK	SHIPPING MARK	REMARKS	SPECIFICATIONS SHEET NO. OR DENOTES QUANTITY	CALCULATED WEIGHT
			FEET	INCHES					
1									
2									
3		2 EDGE ANGLES				SEA1			
4		2 L X B X H							
5		30 BAR 3/8 X 2	1	4		ha			
6		30 BAR 3/8 X 2	1	4		hb			
7									
8									
9									
10									
11									
12		4 CBX 11.5	1	2		SD1			
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									

STA. 17+15

GENERAL SHOP NOTES MATERIAL: ASTM-A36 UNLESS NOTED HOLES: 1/8" DIA UNLESS NOTED SHOP BOLTS: DIA A325 UNLESS NOTED WELD ELECTRODE: E70XX UNLESS NOTED		<input type="checkbox"/> P <input type="checkbox"/> E <input type="checkbox"/> D <input type="checkbox"/> S <input type="checkbox"/> A		 PIDGEOON-THOMAS COMPANY P. O. Box 20, Memphis, TN 38101	
PAINT CLEANING REQUIREMENTS: #10 BLAST NUMBER OF COATS AND TYPE OF PAINT: ONE 1/2" OF INORGANIC ZINC RICH PRIMER UNLESS NOTED DRY MIL THICKNESS: 3.0 (+2.0 / -0.5)		DETAILED BY: H.J. DATE: 6-84 CHECKED BY: J.P. DATE: 6-84		RE PROJ. NO. DRG 5239 (10) STRUCTURE: KY. 2 OVER LITTLE SANDY RIVER LOCATION: GREENUP COUNTY, KY. CUSTOMER: R.L. BRAUGHLER ARCHITECT: KY. BUREAU OF HIGHWAYS ENGINEER: SAME	
WE ACCEPT NO LIABILITY FOR ANY DESIGN WHICH HAS BEEN APPROVED BY ARCHITECT OR ENGINEER.		REVISIONS FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET REFER TO ERECTION PLANS E1		FABRICATION ASSIGNED TO: MEMPHIS <input checked="" type="checkbox"/> WEST MEMPHIS <input type="checkbox"/> WEST MEMPHIS CONTRACT NUMBER: E074 PIDGEOON-THOMAS CONTRACT NUMBER: 4 DRAWING NUMBER: 5	



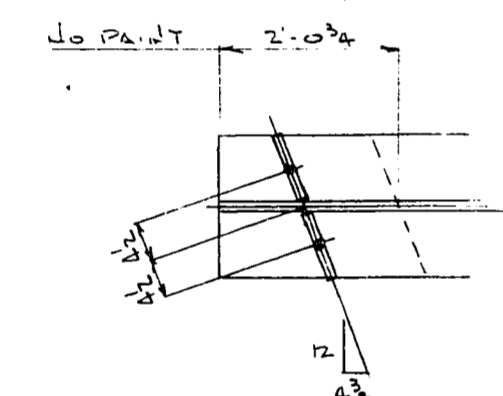
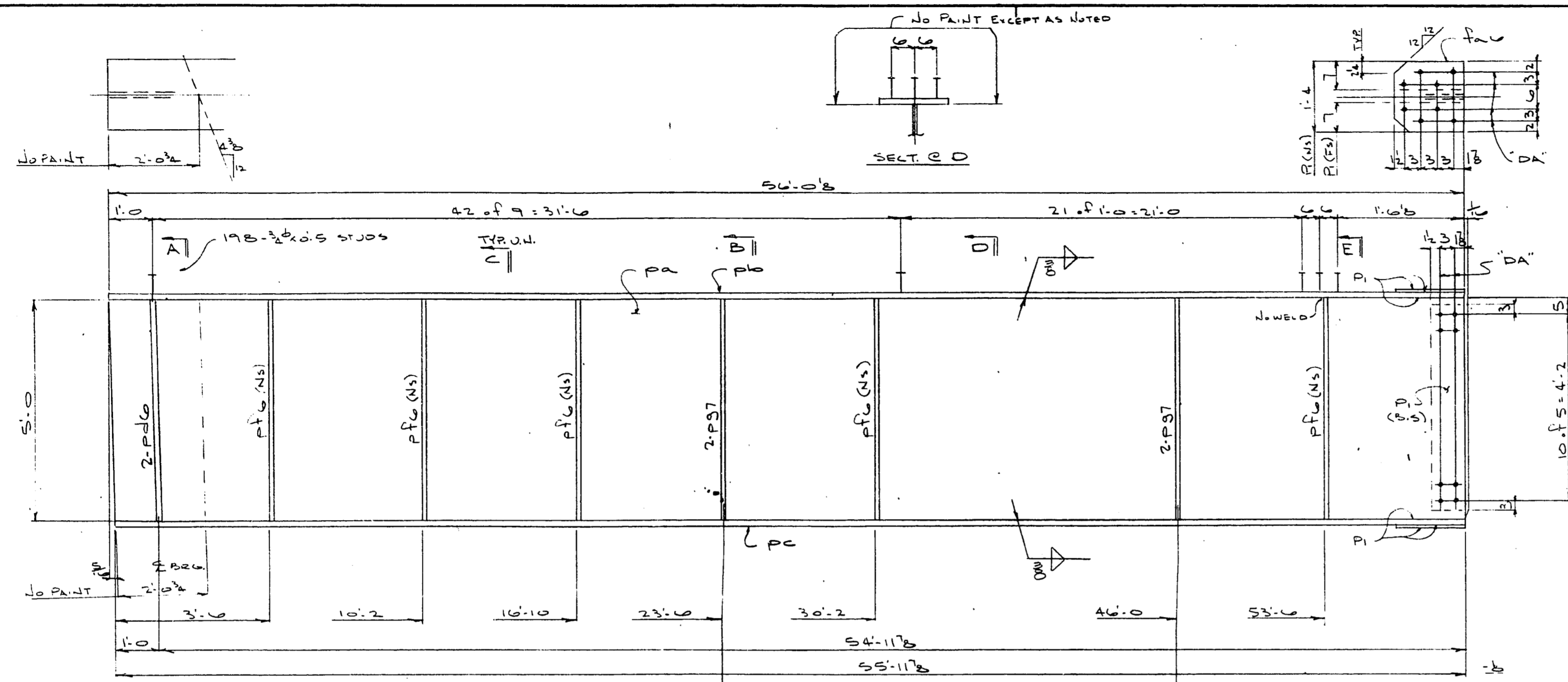
BILL OF MATERIAL

NO.	DESCRIPTION	LENGTH		DETAIL MARK	SHIPPING MARK	REMARKS	MATERIAL SPECIFICATIONS OTHER THAN ASTM DENOTES CHAMF V-MOTCH	CALCULATED WEIGHT FOR ONE SHIP PRICE
		FEET	INCHES					
1								
2								
3	ONE GIRDER				6 G1			
4								
5	1 P.L. 1/2 x 6	56	0 1/2					
6	1 P.L. 1/2 x 6	56	0 1/2					
7	1 P.L. 1/2 x 6	56	0 1/2					
8	1 P.L. 1/2 x 12	1	4					
9	1 FILLER 1/2 x 12	1	4					
10	1 P.L. 1/2 x 7 1/2	0	0					
11	1 P.L. 1/2 x 7 1/2	0	0					
12	1 P.L. 1/2 x 5 1/2	0	0					
13	1 P.L. 1/2 x 5 1/2	0	0					
14								
15	198 3/8 STUDS	0	0			A10B		
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								
46								
47	NOTES:							
48	OPEN HOLES ARE FOR U.S. BOLTS.							
49								
50								
51	ALL HOLES NOTED "DA" TO BE DRILLED FROM THE SOLID WHILE SPICE PLATES ARE HELD IN POSITION WITH FLET HOLES AND MATCH MARKED PER BLOCKING DIAGRAM ON DWG. E1							
52	PI - DESIGNATES FIELD CONTACT SURFACE TO RECEIVE 1/8" (TOS) MIL THICKNESS PAINT							
53								
54								
55								
56								
57								
58								
59								
60								

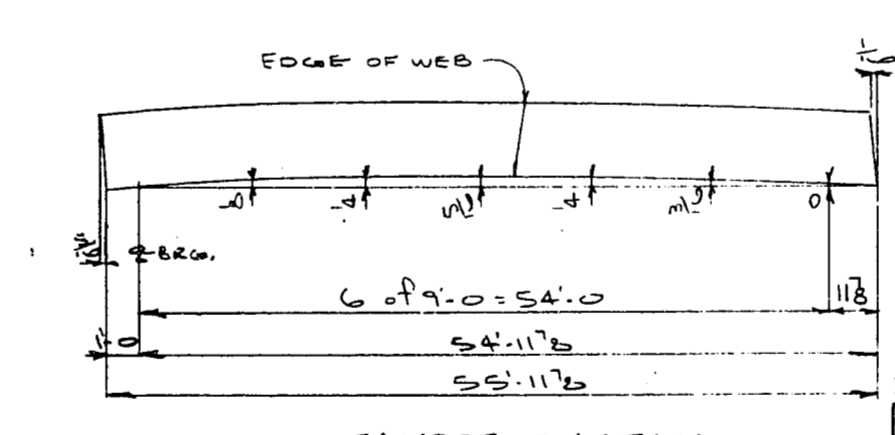
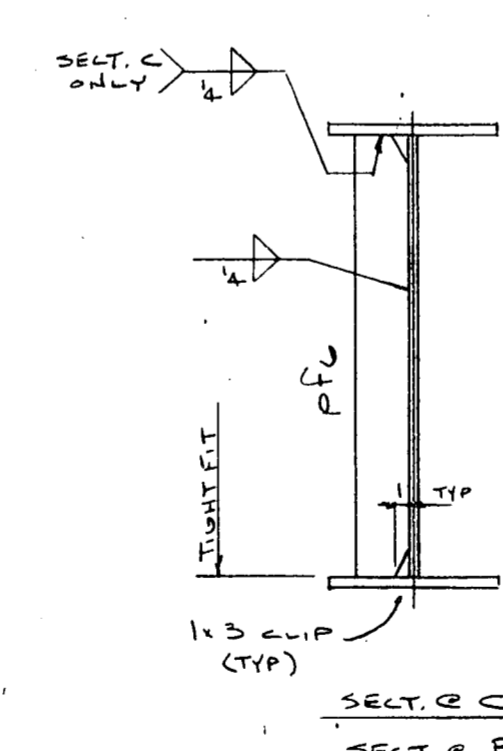
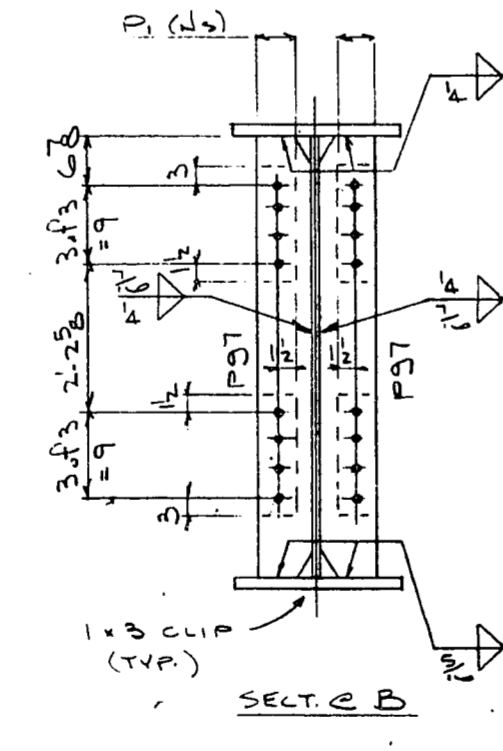
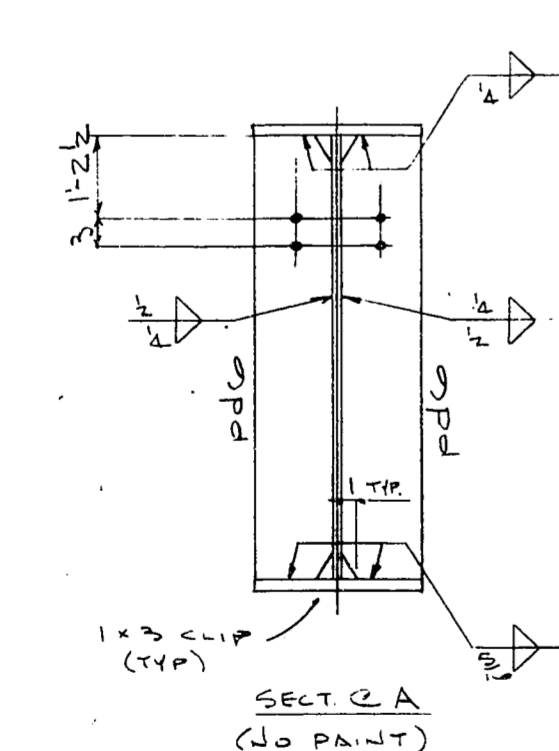
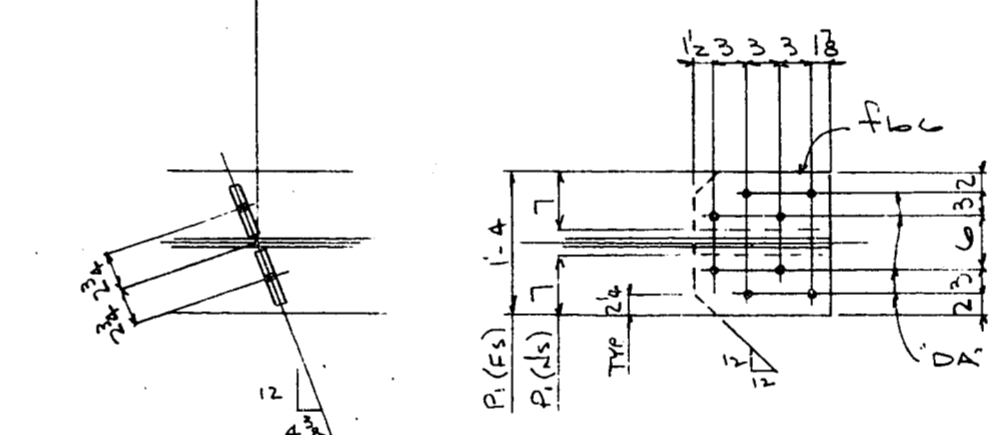
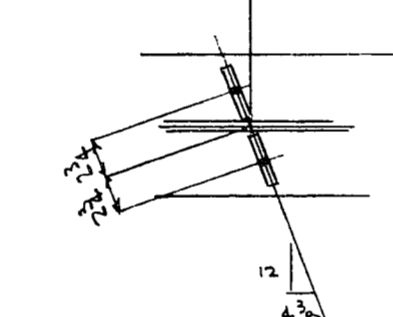
GENERAL SHOP NOTES
 MATERIAL: ASTM A36 UNLESS NOTED
 HOLES: 1/8" DIA UNLESS NOTED
 SHOP BOLTS: DIA A325 UNLESS NOTED
 WELD ELECTRODE: E70XX UNLESS NOTED
 PAINT: #10 BLAST
 CLEANING REQUIREMENTS: #10 BLAST
 NUMBER OF COATS AND TYPE OF PAINT: ONE 3/4" OF INTERMEDIATE ZINC RICH PRIMER UNLESS NOTED
 DRY MIL THICKNESS: 3.0 (TOS) UNLESS NOTED

PIRCEON-THOMAS IRON COMPANY
 P. O. Box 20, Memphis, TN 38101
 PE PROJ. NO. 825 5239 (1)
 STRUCTURE: KY 2 OVER LITTLE SANDY RIVER
 LOCATION: GREENUP COUNTY, KY
 CUSTOMER: D.L. BEAUGHLER
 ARCHITECT: KY BUREAU OF HIGHWAYS
 ENGINEER: SAME

WEST MEMPHIS CONTRACT NUMBER: 5074
 PIRCEON-THOMAS CONTRACT NUMBER: 2
 COST SEGMENT NUMBER: 6
 DRAWING NUMBER: 6



761



CAMBER DIAGRAM

BILL OF MATERIAL									
NO. OF P.C. ON SHEET	MATERIAL DESCRIPTION	LENGTH		DETAIL MARK	SHIPPING MARK	REMARKS	NATIONAL SPECIFICATION OTHER THAN JOB SPECIFIED QUANTITY MATCH	ANY BILL PAGE	CALCULATED WEIGHT PER ONE SHOP PRICE
		FEET	INCHES						
1	ONE GIRDER				761				
1	1 PFC #60	56.0	0	PA			CVN		
1	1 PFC #10	56.0	0	PA					
1	1 PFC #12	56.0	0	PA					
1	1 PFC #14	56.0	0	PA					
2	2 PFC #17 1/2	56.0	0	PA					
5	5 PFC #5 1/2	56.0	0	PA					
4	4 PFC #5 1/2	56.0	0	PA					
19	19 2x4 STUDS	0	5				Al08		

NOTES:
 OPEN HOLES ARE FOR U.S. BOLTS.
 ALL HOLES NOTED 'OK' TO BE DRILLED FROM THE SOLID WHILE SPLICE PLATES ARE HELD IN POSITION WITH PLOT HOLES AND MATCH-MARKED PER BLOCKING DIAGRAM ON DWG. E1
 P1- DESIGNATES FIELD CONTACT SURFACE TO RECEIVE 1/2 (105) MIL THICKNESS PAINT

GENERAL SHOP NOTES
 MATERIAL: UNLESS NOTED
 HOLES: 1/8" Ø UNLESS NOTED
 SHOP BOLTS: DIA. AS UNLESS NOTED
 WELD ELECTRODE: E70 UNLESS NOTED
 PAINT: #10 ELAST
 CLEANING REQUIREMENTS: #10 ELAST
 NUMBER OF COATS AND TYPE OF PAINT: ONE 3/4" OF FIDORAC ZINC RICH PRIMER UNLESS NOTED
 DRY MIL THICKNESS: 3.0 (+1.0) UNLESS NOTED

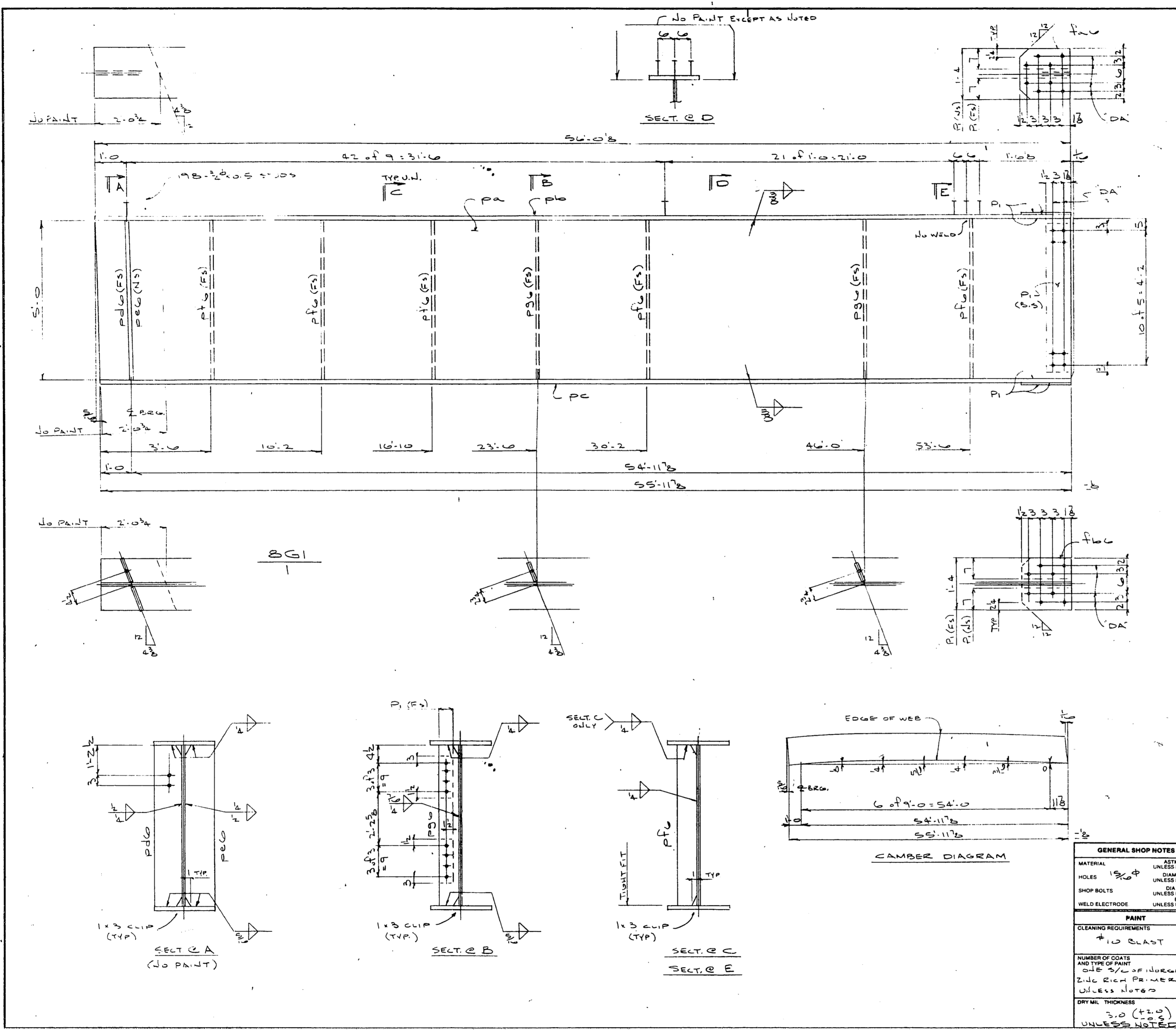
STA. 17+15

PIDGEOON THOMAS IRON COMPANY
 P. O. Box 20, Memphis, TN 38101

PE Proj. No. BR3 519 (0)
 STRUCTURE KY 2 OVER LITTLE SANDY RIVER
 LOCATION GREENUP COUNTY, KY
 CUSTOMER DL. BRAGHLER
 ARCHITECT KY. BUREAU OF HIGHWAYS
 ENGINEER S.M.E.

FABRICATION ASSIGNED TO MEMPHIS WEST MEMPHIS

WEST MEMPHIS CONTRACT NUMBER	PIDGEOON THOMAS CONTRACT NUMBER	CURT REQUIRMENT NUMBER	DRAWING NUMBER
	5074	2	7



BILL OF MATERIAL

ITEM NO.	DESCRIPTION	LENGTH	DETAIL MARK	SHIPPING MARK	REMARKS	MATERIAL SPECIFICATIONS		CALCULATED WEIGHT FOR ONE SHOP PIECE
						ASTM A36	ASTM A572	
1	PLATE							
2	PLATE							
3	PLATE							
4	PLATE							
5	PLATE							
6	PLATE							
7	PLATE							
8	PLATE							
9	PLATE							
10	PLATE							
11	PLATE							
12	PLATE							
13	PLATE							
14	PLATE							
15	PLATE							
16	PLATE							
17	PLATE							
18	PLATE							
19	PLATE							
20	PLATE							
21	PLATE							
22	PLATE							
23	PLATE							
24	PLATE							
25	PLATE							
26	PLATE							
27	PLATE							
28	PLATE							
29	PLATE							
30	PLATE							
31	PLATE							
32	PLATE							
33	PLATE							
34	PLATE							
35	PLATE							
36	PLATE							
37	PLATE							
38	PLATE							
39	PLATE							
40	PLATE							
41	PLATE							
42	PLATE							
43	PLATE							
44	PLATE							
45	PLATE							
46	PLATE							
47	PLATE							
48	PLATE							
49	PLATE							
50	PLATE							
51	PLATE							
52	PLATE							
53	PLATE							
54	PLATE							
55	PLATE							
56	PLATE							
57	PLATE							
58	PLATE							
59	PLATE							
60	PLATE							

GENERAL SHOP NOTES

MATERIAL: UNLESS NOTED, ASTM A36 DIAMETER UNLESS NOTED

HOLES: UNLESS NOTED, DIA. AS SHOWN

SHOP BOLTS: UNLESS NOTED, DIA. AS SHOWN

WELD ELECTRODE: UNLESS NOTED, E70XX

PAINT

CLEANING REQUIREMENTS: #10 BLAST

NUMBER OF COATS AND TYPE OF PAINT: DIE S/L OF INORGANIC ZINC RICH PRIMER UNLESS NOTED

DRY MIL THICKNESS: 3.0 (+1.0) UNLESS NOTED

REVISIONS

DATE: 6-24

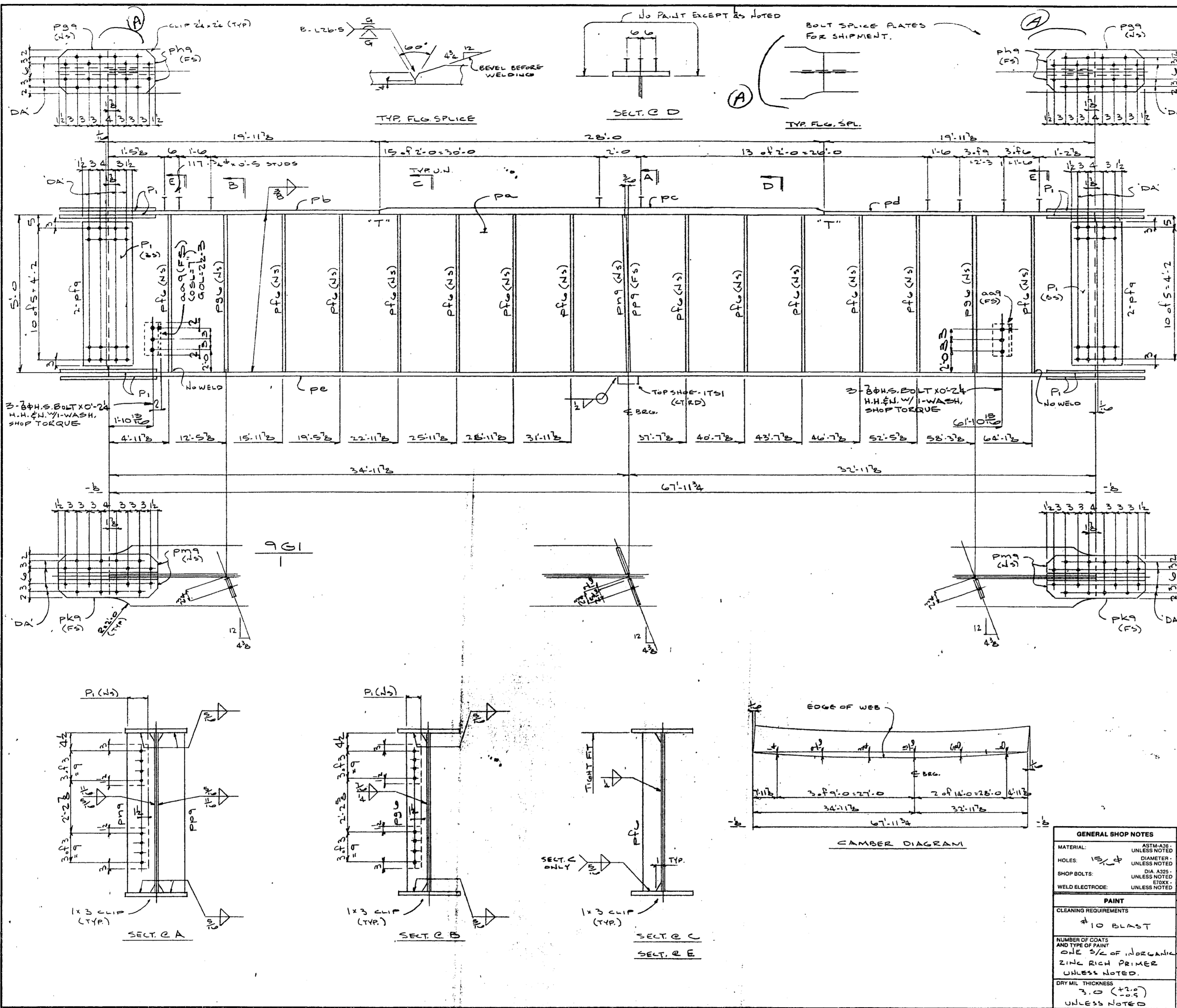
FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET REFER TO Erection Plans

PIRCEON THOMAS IRON COMPANY
P. O. Box 20, Memphis, TN 38101

PE PROJ. NO. BR3 5239 (C.O.)
STRUCTURE: KY 2 OVER LITTLE SANDY RIVER
LOCATION: GREENUP COUNTY, KY
CUSTOMER: D.L. BRAUGHLER
ARCHITECT: KY BUREAU OF HIGHWAYS
ENGINEER: SAME

FABRICATION ASSIGNED TO: MEMPHIS WEST MEMPHIS

WEST MEMPHIS CONTRACT NUMBER: 5074
PIRCEON THOMAS CONTRACT NUMBER: 2
COST ORDER NUMBER: 8
DRAWING NUMBER: 8



BILL OF MATERIAL

NO.	DESCRIPTION	LENGTH	DETAIL	SHIPPING	REMARKS	UNIT	QTY
1	ONE GIRDER			9 G1			
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21	17 1/4" STUDS	0					
22	TOP SHOE	17.51			DET SHT. 1		
23	2 L7X4X1/8	0					
24	6 3/4" H.S. BOLT	0			H.H.S.H. W/ WASH. SHOP TORQUE		

NOTE:
OPEN HOLES ARE FOR H.S. BOLTS

ALL HOLES NOTED "DA" TO BE DRILLED FROM THE SOLID WHILE SPLICE PLATES ARE HELD IN POSITION WITH PILOT HOLES AND MATCH MARKED PER BLOCKING DIAGRAM ON DWS. E1.

PI DESIGNATES FIELD CONTACT SURFACE TO RECEIVE IS (TOS)

MIL THICKNESS PAINT

"T" DENOTES TENSION

GENERAL SHOP NOTES

MATERIAL: A36 UNLESS NOTED

HOLES: 1/8" DIA UNLESS NOTED

SHOP BOLTS: UNLESS NOTED

WELD ELECTRODE: E60 UNLESS NOTED

PAINT: #10 BLAST

CLEANING REQUIREMENTS: #10 BLAST

NUMBER OF COATS AND TYPE OF PAINT: ONE 3/4 OF INORGANIC ZINC RICH PRIMER UNLESS NOTED.

DRY MIL THICKNESS: 3.0 (+.2, -.5) UNLESS NOTED

FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET REFER TO ERECTION PLANS

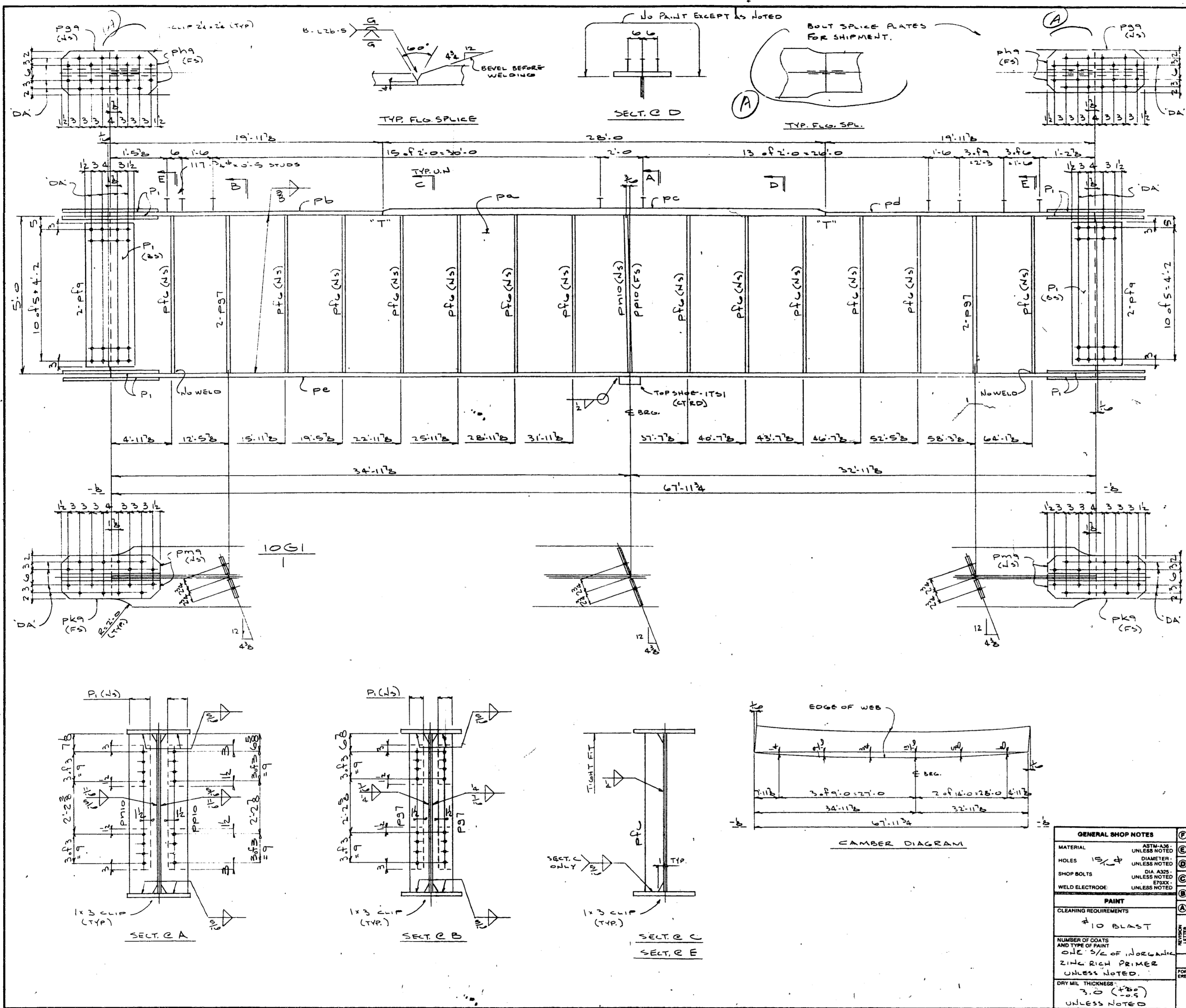
STA. 17+15

PIDGEON THOMAS IRON COMPANY
P. O. Box 29, Memphis, TN 38101

PE PROJ. No. 025 5239 (10)
STRUCTURE KY. 2 OVER LITTLE SANDY RIVER
LOCATION GREENUP COUNTY, KY.
CUSTOMER D.L. BRAUGHLER
ARCHITECT KY BUREAU OF HIGHWAYS
ENGINEER SAME

FABRICATION ASSIGNED TO MEMPHIS WEST MEMPHIS

WEAR MEMPHIS CONTRACT NUMBER 5074
PIEDGEON THOMAS CONTRACT NUMBER 2
COST SEGMENT NUMBER 9
DRAWING NUMBER 9



BILL OF MATERIAL									
NO.	QTY	DESCRIPTION	LENGTH	DETAIL MARK	SHIPPING MARK	REMARKS	MATERIAL SPECIFICATION OR OTHER THAN AS SHOWN IN QUANTITY LISTING	ADV. BILL LINE	CALCULATED WEIGHT FROM BUY PRICE
1	1	ONE GIRDER				10G1			
2	1	PL 1/2 x 60	67	11B	PA				
3	1	PL 1/2 x 22	28	11B	PC				
4	1	PL 1/2 x 16	19	11B	PD				
5	1	PL 1/2 x 22	28	11B	PE				
6	4	PL 1/2 x 13	4	8	PF				
7	2	PL 1/2 x 7	2	2	PG				
8	2	PL 1/2 x 6	2	2	PH				
9	2	PL 1/2 x 6	2	2	PI				
10	2	PL 1/2 x 6	2	2	PJ				
11	2	PL 1/2 x 6	2	2	PK				
12	2	PL 1/2 x 6	2	2	PL				
13	2	PL 1/2 x 6	2	2	PM				
14	2	PL 1/2 x 6	2	2	PN				
15	2	PL 1/2 x 6	2	2	PO				
16	2	PL 1/2 x 6	2	2	PP				
17	2	PL 1/2 x 6	2	2	PQ				
18	2	PL 1/2 x 6	2	2	PR				
19	2	PL 1/2 x 6	2	2	PS				
20	17	1/2 STUDS	10	3					
21	1	TOP SHOE			ITS1	DET SH. 1			
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									

GENERAL SHOP NOTES

MATERIAL: UNLESS NOTED ASTM A36

HOLES: 1/2" DIA. UNLESS NOTED

SHOP BOLTS: 1/2" DIA. UNLESS NOTED

WELD ELECTRODE: E70XX UNLESS NOTED

PAINT: #10 BLAST

CLEANING REQUIREMENTS: #10 BLAST

NUMBER OF COATS AND TYPE OF PAINT: ONE 5/8" OF AEROLAC ZINC RICH PRIMER UNLESS NOTED

DRY MIL THICKNESS: 3.0 (+0.5) UNLESS NOTED

DATE: 6-24

CHECKED BY: H.J.

DATE: 6-24

REVISIONS: E1

FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET REFER TO ERECTION PLANS

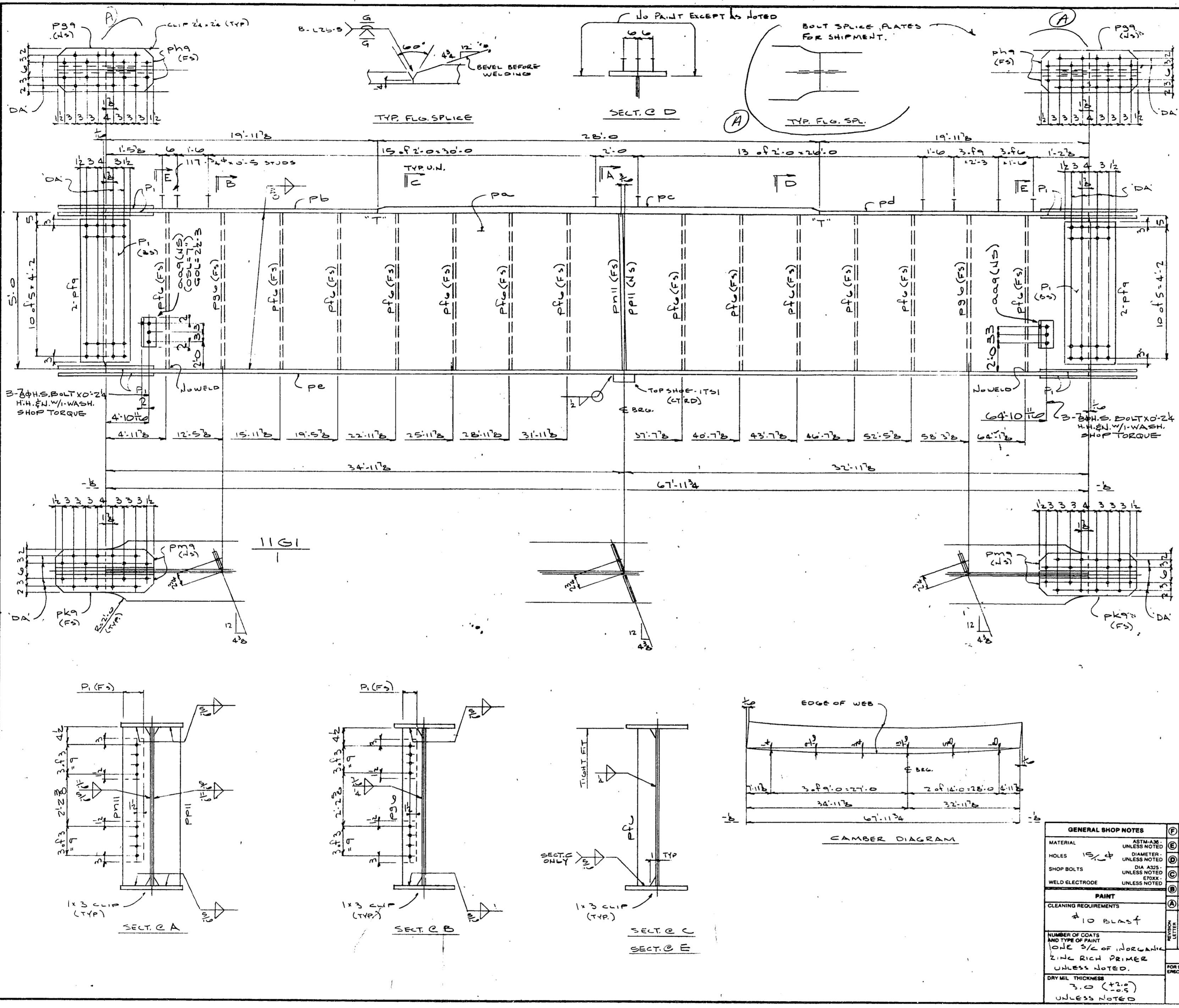
STA. 17+15

PIGGEON THOMAS IRON COMPANY
P.O. Box 20, Memphis, TN 38101

PE PROJ. No. B25 5239 (10)
STRUCTURE: KY 2 OVER LITTLE SANDY RIVER
LOCATION: GREENUP COUNTY, KY
CUSTOMER: D.L. BRAUGHLER
ARCHITECT: KY BUREAU OF HIGHWAYS
ENGINEER: SAME

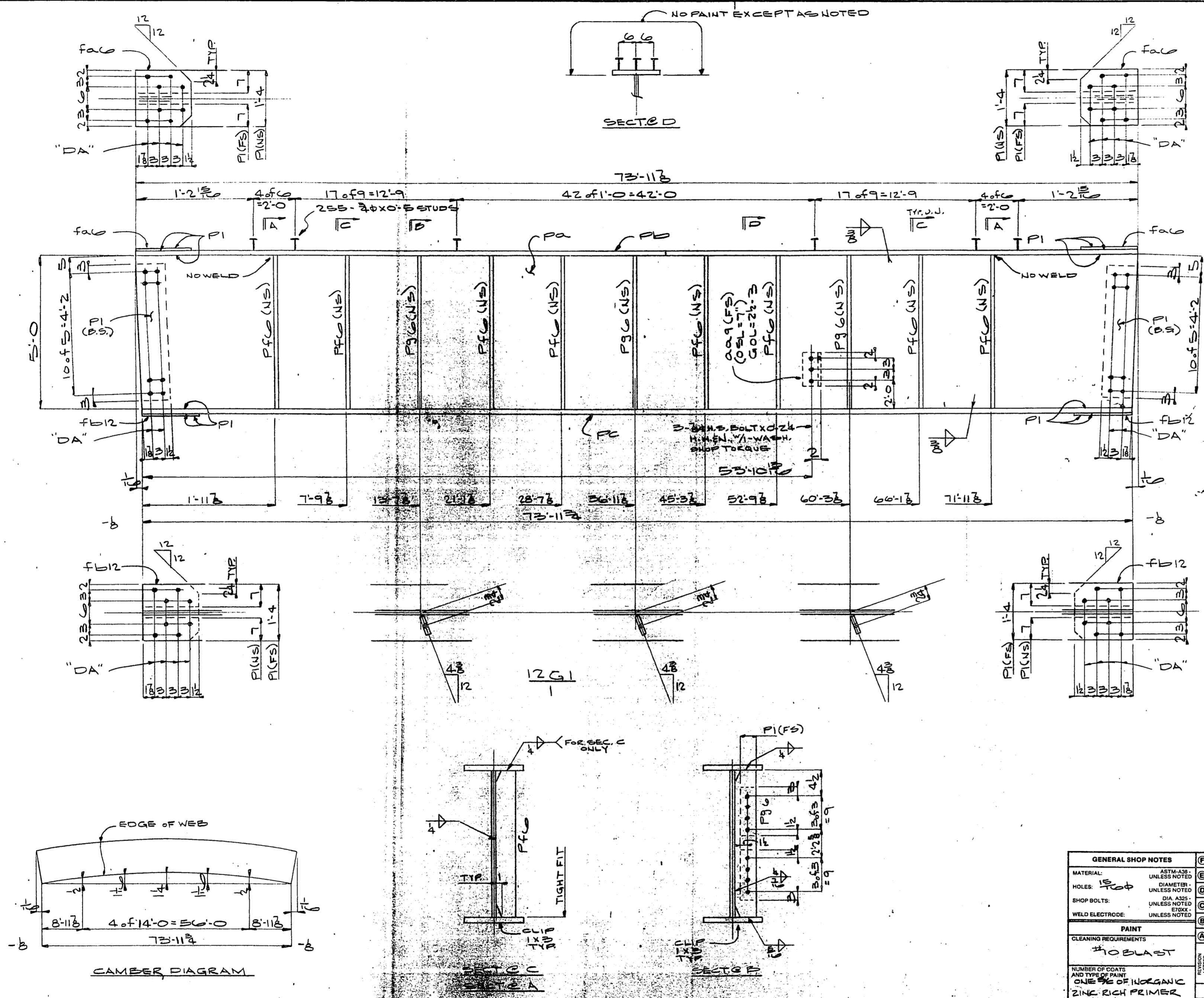
FABRICATION ASSIGNED TO: MEMPHIS WEST MEMPHIS

WEST MEMPHIS CONTRACT NUMBER: 5074
MEMPHIS CONTRACT NUMBER: 2
DRAWING NUMBER: 10



BILL OF MATERIAL										
NO.	MATERIAL DESCRIPTION	LENGTH	DETAIL MARK	SHIPPING MARK	REMARKS	MATERIAL SPECIFICATION OTHER THAN AS SHOWN IN COMPANY CATALOG	LAW WILL PAID	CALCULATED WEIGHT PER LINE	TOTAL WEIGHT PER LINE	
										FT.
1	ONE GIRDER			11 G1						
2	PLATE 1/2" X 12" X 10'	10								
3	PLATE 1/2" X 12" X 10'	10								
4	PLATE 1/2" X 12" X 10'	10								
5	PLATE 1/2" X 12" X 10'	10								
6	PLATE 1/2" X 12" X 10'	10								
7	PLATE 1/2" X 12" X 10'	10								
8	PLATE 1/2" X 12" X 10'	10								
9	PLATE 1/2" X 12" X 10'	10								
10	PLATE 1/2" X 12" X 10'	10								
11	PLATE 1/2" X 12" X 10'	10								
12	PLATE 1/2" X 12" X 10'	10								
13	PLATE 1/2" X 12" X 10'	10								
14	PLATE 1/2" X 12" X 10'	10								
15	PLATE 1/2" X 12" X 10'	10								
16	PLATE 1/2" X 12" X 10'	10								
17	PLATE 1/2" X 12" X 10'	10								
18	PLATE 1/2" X 12" X 10'	10								
19	PLATE 1/2" X 12" X 10'	10								
20	PLATE 1/2" X 12" X 10'	10								
21	TOP SHOE	1		1T51	DET SH. 1					
22	L7X4XB	10		009						
23	3/8" H.S. BOLT	24			H.H.S. W/1-WASH. SHOP TORQUE					
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51	NOTE: ALL HOLES NOTED 'DA' TO BE DRILLED FROM THE SOLID WHILE SPLICE PLATES ARE HELD IN POSITION WITH PLOT HOLES AND MATCH MARKED PER BLOCKING DIAGRAM ON DWG. E1.									
52	PI - DESIGNATES FIELD CONTACT SURFACE TO RECEIVE 1/8" (10%) MIL THICKNESS PAINT.									
53	" - DENOTES TENSION									
54										
55										
56										
57										
58										
59										
60										

12



BILL OF MATERIAL									
NO.	NO. OF P.C.	DESCRIPTION	LENGTH		DETAIL MARK	SHIP MARK	REMARKS	QUANTITY	UNIT
			FEET	INCHES					
1		ONE GIRDER				12 G1			
4	1	PFC X 60	73	11 3/4	PA			CVN	14
5	1	PFC X 16	73	11 3/4	PA				10
6	1	PFC X 16	73	11 3/4	PA				14
7	2	FILL 4 X 12	1	4	FA				
8	3	PFC X 5 1/2	5	0	PA				
9	3	PFC X 5 1/2	5	0	PA				
10	3	PFC X 5 1/2	5	0	PA				
11									
12	255	STUDS	0	0					A108
13	1	L7 X 4 X 3/8	0	10					A325
14	3	3/4 X 5 1/2 BOLT	0	24					A325
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
39									
40									
41									
42									
43									
44									
45									
46									
47									
48									
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									

NOTES:
 OPEN HOLES ARE FOR H.S. BOLTS

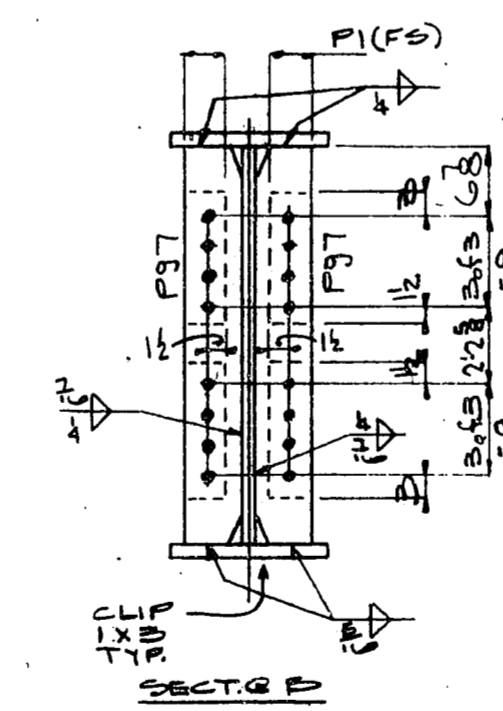
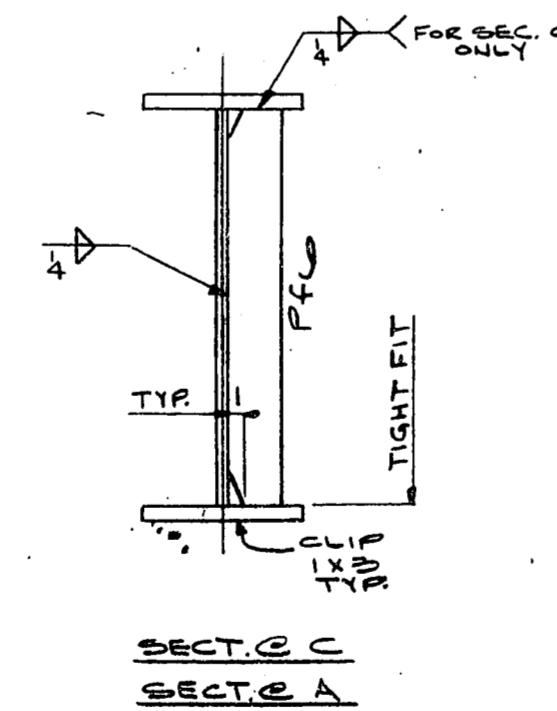
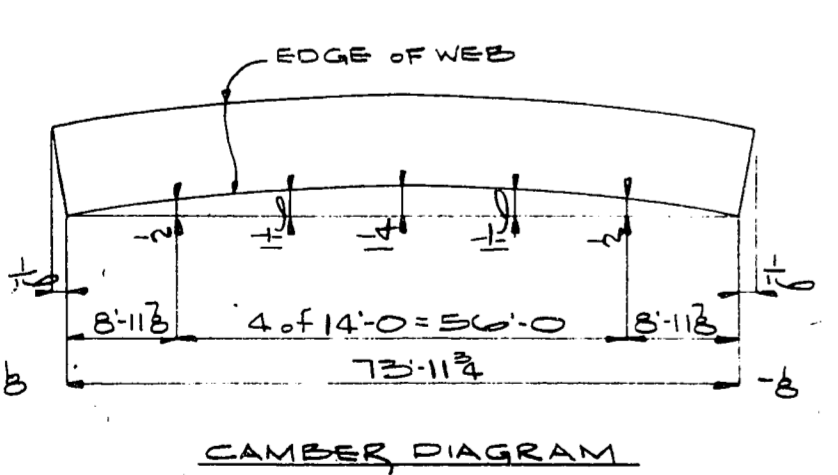
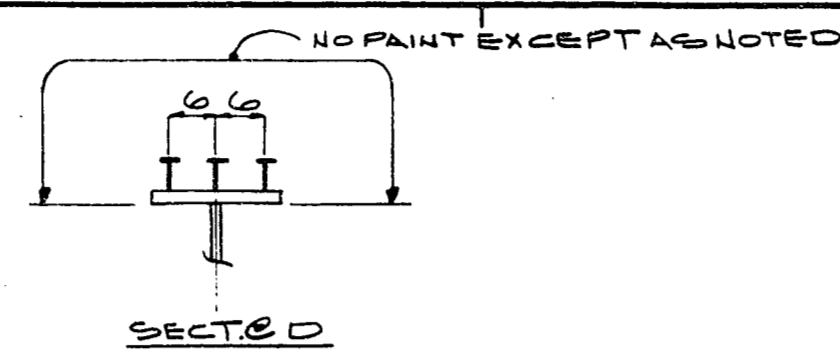
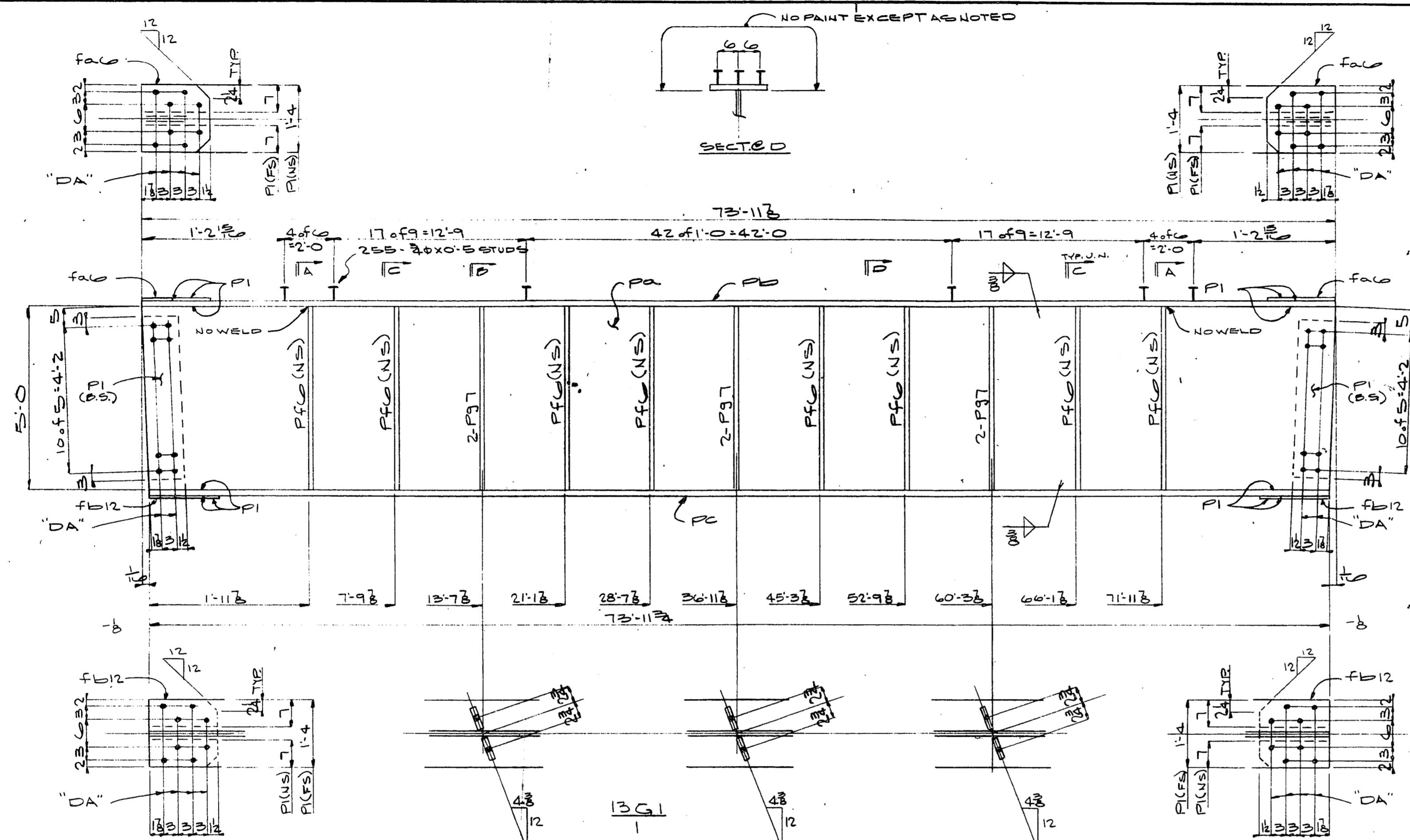
ALL HOLES NOTED "DA" TO BE DRILLED FROM THE SOID WHILE SPICE PLATES ARE HELD IN POSITION WITH PILOT HOLES AND MATCHMARKED PER BLOCKING DIAGRAM ON DWG. E1

PI- DESIGNATES FIELD CONTACT SURFACE TO RECEIVE 15 (+0.5) MIL THICKNESS PAINT

STA. 17+15

GENERAL SHOP NOTES MATERIAL: A325 UNLESS NOTED HOLES: 1/8" DIA UNLESS NOTED SHOP BOLTS: DIA A325 UNLESS NOTED WELD ELECTRODE: E70XX UNLESS NOTED			PIGEON THOMAS IRON COMPANY P. O. Box 20, Memphis, TN 38101
CLEANING REQUIREMENTS #0 BLAST			
PAINT ONE COAT OF INORGANIC ZINC RICH PRIMER UNLESS NOTED DRY FILM THICKNESS: 3.0 (+0.3) UNLESS NOTED		DETAILED BY: H.J. DATE: 6-84	RE. PROJ. NO. BR5 5239 (10) STRUCTURE: KY. 2 OVER LITTLE SANDY RIVER LOCATION: GREENUP COUNTY, KY. CUSTOMER: D.L. BRAUGHLER ARCHITECT: KY. BUREAU OF HIGHWAYS ENGINEER: SAME
REVISIONS: FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET REFER TO EJECTION PLANS		CHECKED BY: J.B. DATE: 6-84	FABRICATION ASSIGNED TO: MEMPHIS <input checked="" type="checkbox"/> WEST MEMPHIS <input type="checkbox"/>
		CONTRACT NUMBER: 5074 PIGEON THOMAS NUMBER: 2 COST SHEET NUMBER: 12	DRAWING NUMBER: 12

13



BILL OF MATERIAL										
NO.	QTY	MATERIAL DESCRIPTION	LENGTH		DETAIL MARK	SHIPPING MARK	REMARKS	MATERIAL SPECIFICATION OTHER THAN ONE DESIGNATED CHAMPY FACTORY	ADV. MTL. FOR ONE SHIP PEE	CALCULATED WEIGHT FOR ONE SHIP PEE
			FEET	INCH						
1	1	ONE GIRDER				13G1				
2	1	PL 7 X 60	73	11 1/2	PA			ENV	1 1/4	
3	1	PL 8 X 10	73	11 1/2	PD				1 1/4	
4	1	PL 8 X 10	73	11 1/2	PE				1 1/4	
5	2	FILL 4 X 12	1	4	FAG					
6	2	FILL 4 X 12	1	4	FBI2					
7	6	PL 2 X 5 1/2	5	0	FRD					
8	6	PL 2 X 5 1/2	5	0	PG7					
9	255	255 STUDS	0	5				A108		

NOTES:
 OPEN HOLES ARE FOR H.S. BOLTS
 ALL HOLES NOTED ON THIS DRAWING TO BE DRILLED FROM THE BOND WHILE SPICE PLATES ARE HELD IN POSITION WITH PILOT HOLES AND MATCHMARKED PER BLOCKING DIAGRAM ON DWG. E1
 P1 - DESIGNATES FIELD CONTACT SURFACE TO RECEIVE 15 (30.5) MIL THICKNESS PAINT

GENERAL SHOP NOTES	
MATERIAL	ASTM-A572-50 UNLESS NOTED
HOLES	1/2" DIA. UNLESS NOTED
SHOP BOLTS	1/2" DIA. UNLESS NOTED
WELD ELECTRODE	E70 UNLESS NOTED
CLEANING REQUIREMENTS	#10 BLAST
PAINT	
NUMBER OF COATS AND TYPE OF PAINT	ONE COAT OF INORGANIC ZINC RICH PRIMER UNLESS NOTED
DRY MIL THICKNESS	3.0 (+0.5) UNLESS NOTED

STA. 17+15

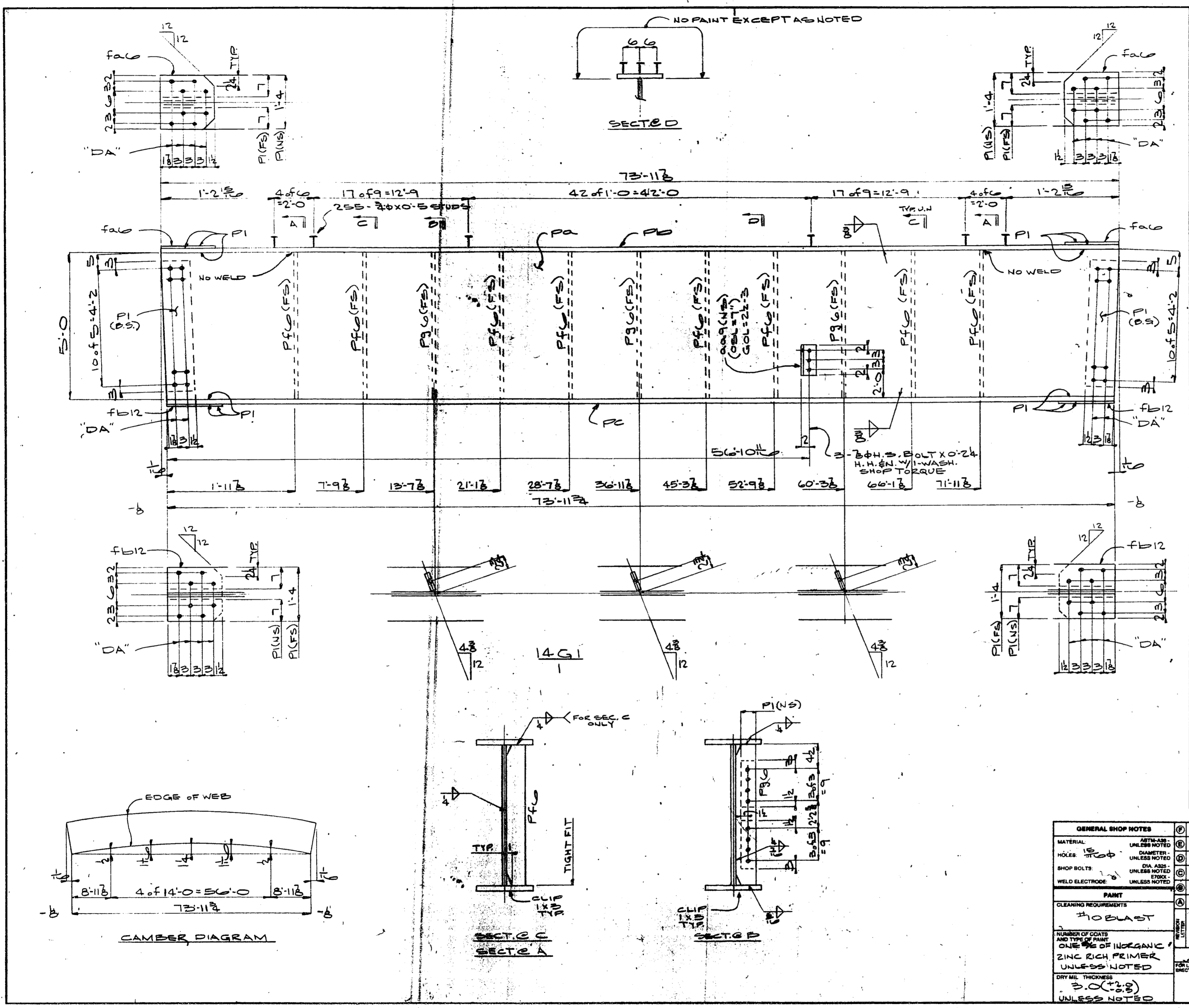
PIGGEON THOMAS IRON COMPANY
 P. O. Box 20, Memphis, TN 38101

RE. PROJ. NO. ERS 5239 (10)
 STRUCTURE KY. 2 OVER LITTLE SANDY CREEK
 LOCATION GREENUP COUNTY, KY.
 CUSTOMER D.L. BRAUGHLER
 ARCHITECT KY. BUREAU OF HIGHWAYS
 ENGINEER SAME

FABRICATION ASSIGNED TO MEMPHIS WEST MEMPHIS

WEST MEMPHIS CONTRACT NUMBER	PIGGEON-THOMAS CONTRACT NUMBER	COST SHEET NUMBER	DRAWING NUMBER
	5014	2	13

14

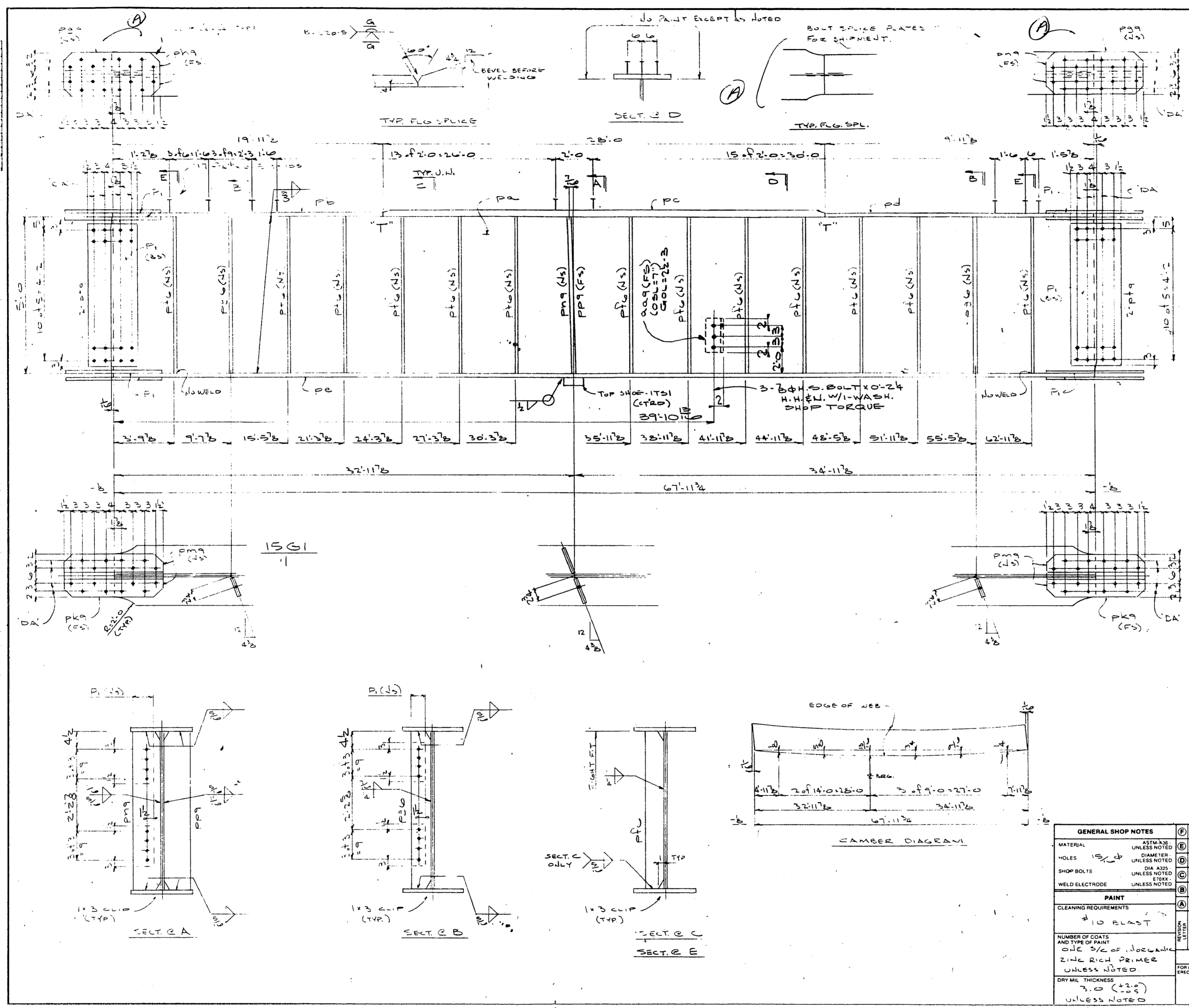


BILL OF MATERIAL									
NO.	QTY	DESCRIPTION	LENGTH	DETAIL MARK	SHIPPING MARK	REMARKS	MATERIAL SPECIFICATION OR DENOTES CHECKY VARIOUS	ADV. BILL NO.	CALCULATED WEIGHT FOR THE SHOP PCE
1	1	ONE GIRDER			14G1				
2	1	P1 X 60 73-11 1/2					CVN	14	
3	1	P2 X 16 73-11 1/2						10	
4	1	P3 X 16 73-11 1/2						14	
5	2	FILL 4 X 12 1/2	1 1/4						
6	2	FILL 4 X 12 1/2	1 1/4						
7	8	P2 X 5 1/2	5 10						
8	3	P2 X 5 1/2	5 10						
9	255	3/8 STUDS	0 5				A108		
10	1	L7 X 4 X 3/8	0 10		009				
11	3	8 H.S. BOLT	0 24				H.S. BOLT 1/2" WASH.	A82B	

NOTES:
 OPEN HOLES ARE FOR H.S. BOLTS
 ALL HOLES NOTED ON THIS BE DRILLED FROM THE BOND WHILE SPlice PLATES ARE HELD IN POSITION WITH PILOT HOLES AND MATCHMARKED PER BLOCKING DIAGRAM ON DWG. E1
 PI - DESIGNATES FIELD CONTACT SURFACE TO RECEIVE 15 (±0.2) MIL THICKNESS PAINT

STA. 17+15

GENERAL SHOP NOTES				PIDGEON THOMAS PIPE COMPANY P. O. Box 20, Memphis, TN 38101	
MATERIAL: A36	UNLESS NOTED	DATE: 6-84	DETAILED BY: H.J.	RE. PROJ. NO. DRS 5239 (10)	STRUCTURE: KY. 2 OVER LITTLE & SNEY RIVER
HOLE: 1/8"	UNLESS NOTED	DATE: 6-84	CHECKED BY: J.B.	LOCATION: GREENUP COUNTY, KY.	CUSTOMER: D.L. BEAUGHLER
SHOP BOLTS: A307	UNLESS NOTED	DATE: 6-84	DATE: 6-84	ARCHITECT: KY. BUREAU OF HIGHWAYS	ENGINEER: SAME
WELD ELECTRODE: E70	UNLESS NOTED	DATE: 6-84	DATE: 6-84	ARCHITECT: KY. BUREAU OF HIGHWAYS	ENGINEER: SAME
CLEANING REQUIREMENTS: #10 BLAST		DATE: 6-84	DATE: 6-84	ARCHITECT: KY. BUREAU OF HIGHWAYS	ENGINEER: SAME
NUMBER OF COATS AND TYPE OF PAINT: ONE COAT OF INORGANIC ZINC RICH PRIMER UNLESS NOTED		DATE: 6-84	DATE: 6-84	ARCHITECT: KY. BUREAU OF HIGHWAYS	ENGINEER: SAME
DRY MIL THICKNESS: 3.0 (±0.2) UNLESS NOTED		DATE: 6-84	DATE: 6-84	ARCHITECT: KY. BUREAU OF HIGHWAYS	ENGINEER: SAME
FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET REFER TO SECTION P. 4.		MEMPHIS		WEST MEMPHIS	MEMPHIS
E1		WEST MEMPHIS CONTRACT NUMBER: 5074	POSDON-THOMAS CONTRACT NUMBER: 2	COST SEGMENT NUMBER: 14	ORDER NUMBER: 14

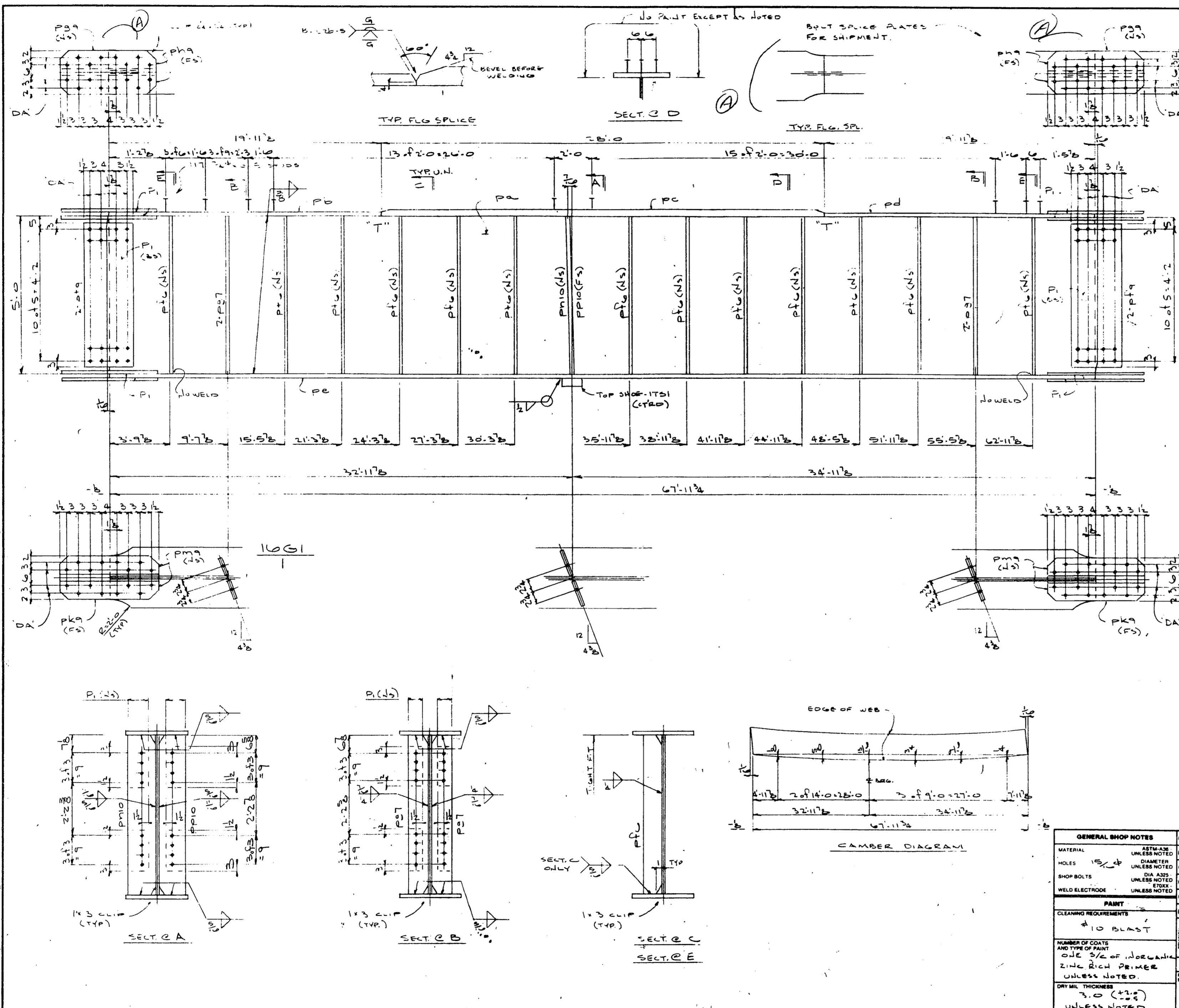


BILL OF MATERIAL	
ITEM	QUANTITY
1	1561
2	1561
3	1561
4	1561
5	1561
6	1561
7	1561
8	1561
9	1561
10	1561
11	1561
12	1561
13	1561
14	1561
15	1561
16	1561
17	1561
18	1561
19	1561
20	1561
21	1561
22	1561
23	1561
24	1561
25	1561
26	1561
27	1561
28	1561
29	1561
30	1561
31	1561
32	1561
33	1561
34	1561
35	1561
36	1561
37	1561
38	1561
39	1561
40	1561
41	1561
42	1561
43	1561
44	1561
45	1561
46	1561
47	1561
48	1561
49	1561
50	1561
51	1561
52	1561
53	1561
54	1561
55	1561
56	1561
57	1561
58	1561
59	1561
60	1561
61	1561
62	1561
63	1561
64	1561
65	1561
66	1561
67	1561
68	1561
69	1561
70	1561
71	1561
72	1561
73	1561
74	1561
75	1561
76	1561
77	1561
78	1561
79	1561
80	1561
81	1561
82	1561
83	1561
84	1561
85	1561
86	1561
87	1561
88	1561
89	1561
90	1561
91	1561
92	1561
93	1561
94	1561
95	1561
96	1561
97	1561
98	1561
99	1561
100	1561

GENERAL SHOP NOTES	
MATERIAL	ASTM A36 UNLESS NOTED
HOLES	15/16" UNLESS NOTED
SHOP BOLTS	3/4" DIA A325 UNLESS NOTED
WELD ELECTRODE	E70XX UNLESS NOTED
CLEANING REQUIREMENTS	#10 BLAST
NUMBER OF COATS AND TYPE OF PAINT	ONE 1/2" OF NO. 2 ZINC RICH PRIMER UNLESS NOTED
DRY MIL THICKNESS	3.0 (+20%) UNLESS NOTED
REVISIONS	DATE 7/19/89
FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET REFER TO Erection Plans	E1

PIDGEON THOMAS IRON COMPANY	
DETAILED BY	G.W.R.
DATE	7-84
CHECKED BY	H.S.
DATE	7-84
WE ACCEPT NO LIABILITY FOR ANY DESIGN WHICH HAS BEEN APPROVED BY ARCHITECT OR ENGINEER	
WEST MEMPHIS CONTRACT NUMBER	5074
PIDGEON THOMAS CONTRACT NUMBER	2
COST SEGMENT NUMBER	15
DRAWING NUMBER	15

SEC. C



BILL OF MATERIAL						
NO.	MATERIAL	LENGTH	DETAIL MARK	SHIPPING MARK	REMARKS	QUANTITY
1	ONE GIRDER			10G1		
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						

NOTE
 OPEN HOLES ARE FOR U.S. BOLTS.

ALL HOLES NOTED ON TO BE DRILLED FROM THE SOLID WHILE SPICE PLATES ARE HELD IN POSITION WITH PILOT HOLES AND MATCH MARKED PER BLOCKING DIAGRAM ON DRAWING E1.

P1 - DESIGNATES FIELD CONTACT SURFACE TO RECEIVE 1/2 (100) MIL THICKNESS PAINT.

T - DENOTES TENSION.

STA. 17+15

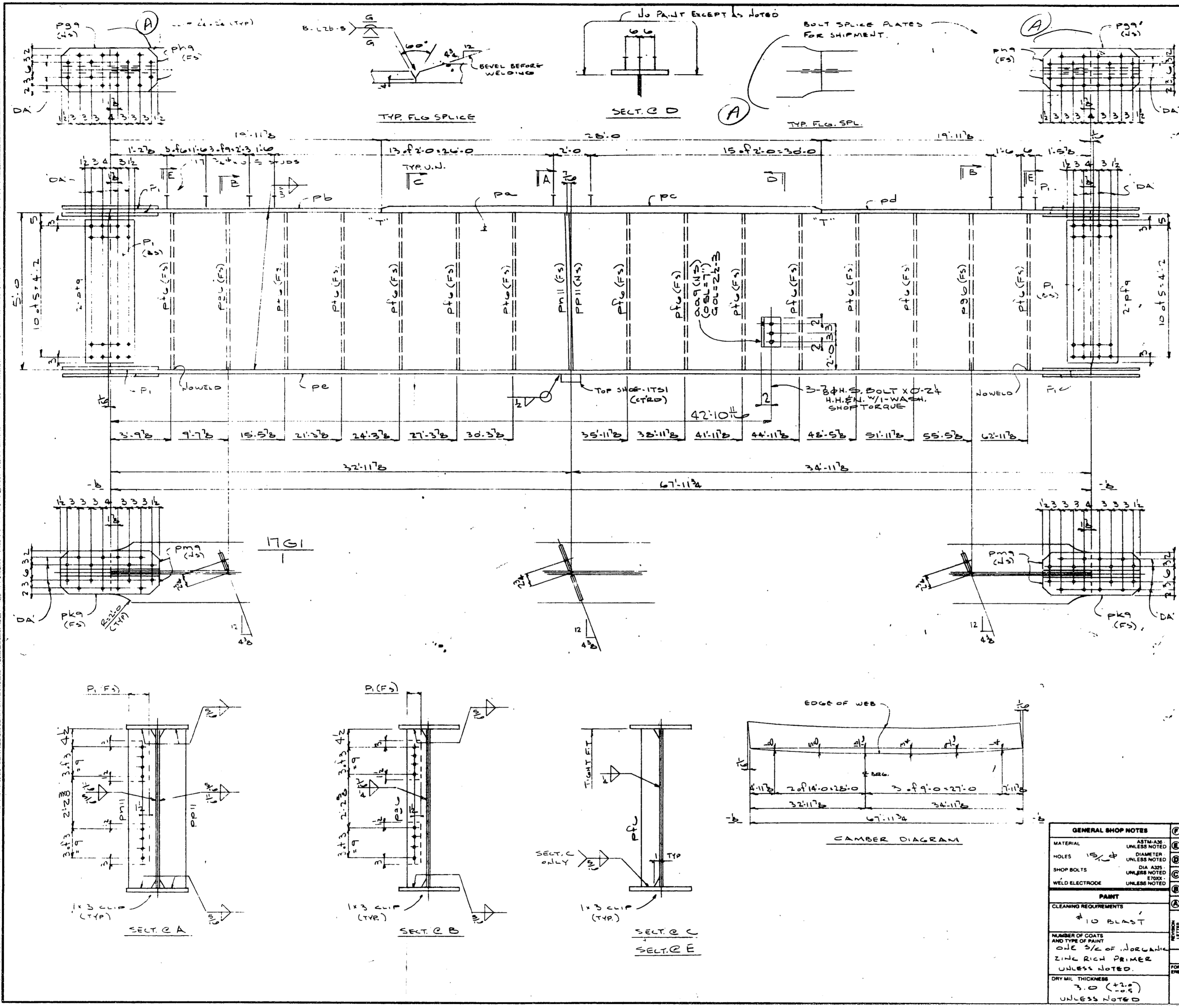
PIDGEM THOMAS IRON COMPANY
 P. O. Box 20, Memphis, TN 38101

DE PROJ. No. DES 5239 (10)
 STRUCTURE KY. 2 OVER LITTLE SANDY RIVER
 LOCATION GREENUP COUNTY, KY.
 CUSTOMER D.L. BRAUGHLER
 ARCHITECT KY BUREAU OF HIGHWAYS
 ENGINEER SAME

FABRICATION ASSIGNED TO MEMPHIS WEST MEMPHIS

WEST MEMPHIS CONTRACT NUMBER	POSSON THOMAS CONTRACT NUMBER	DIST. SHEET NUMBER	SHEET NUMBER
		2	16

SEC. 4



K	NO	DESCRIPTION	LENGTH		DETAIL MARK	SHIPPING MARK	REMARKS	GENERAL INFORMATION (ITEM NO., QUANTITY, etc.)	WEIGHT	COST
			FEET	INCHES						
1		ONE GIRDER				17G1				
2		PL 10	67	11 1/2						
3		PL 11	28	0						
4		PL 12	67	11 1/2						
5		PL 13	28	0						
6		PL 14	67	11 1/2						
7		PL 15	28	0						
8		PL 16	67	11 1/2						
9		PL 17	28	0						
10		PL 18	67	11 1/2						
11		PL 19	28	0						
12		PL 20	67	11 1/2						
13		PL 21	28	0						
14		PL 22	67	11 1/2						
15		PL 23	28	0						
16		PL 24	67	11 1/2						
17		PL 25	28	0						
18		PL 26	67	11 1/2						
19		PL 27	28	0						
20		PL 28	67	11 1/2						
21		PL 29	28	0						
22		PL 30	67	11 1/2						
23		PL 31	28	0						
24		PL 32	67	11 1/2						
25		PL 33	28	0						
26		PL 34	67	11 1/2						
27		PL 35	28	0						
28		PL 36	67	11 1/2						
29		PL 37	28	0						
30		PL 38	67	11 1/2						
31		PL 39	28	0						
32		PL 40	67	11 1/2						
33		PL 41	28	0						
34		PL 42	67	11 1/2						
35		PL 43	28	0						
36		PL 44	67	11 1/2						
37		PL 45	28	0						
38		PL 46	67	11 1/2						
39		PL 47	28	0						
40		PL 48	67	11 1/2						
41		PL 49	28	0						
42		PL 50	67	11 1/2						
43		PL 51	28	0						
44		PL 52	67	11 1/2						
45		PL 53	28	0						
46		PL 54	67	11 1/2						
47		PL 55	28	0						
48		PL 56	67	11 1/2						
49		PL 57	28	0						
50		PL 58	67	11 1/2						
51		PL 59	28	0						
52		PL 60	67	11 1/2						
53		PL 61	28	0						
54		PL 62	67	11 1/2						
55		PL 63	28	0						
56		PL 64	67	11 1/2						
57		PL 65	28	0						
58		PL 66	67	11 1/2						
59		PL 67	28	0						
60		PL 68	67	11 1/2						

STA. 17+15

PIDGREN THOMAS IRON COMPANY
P.O. Box 20, Memphis, TN 38101

PE PROJ. NO. BR 5239 (10)
STRUCTURE KY 2 OVER LITTLE SANDY RIVER
LOCATION GOREJUP COUNTY, KY
CUSTOMER D.L. BRAUGHLER
ARCHITECT KY BUREAU OF HIGHWAYS
ENGINEER SAME

FABRICATION ASSIGNED TO MEMPHIS WEST MEMPHIS

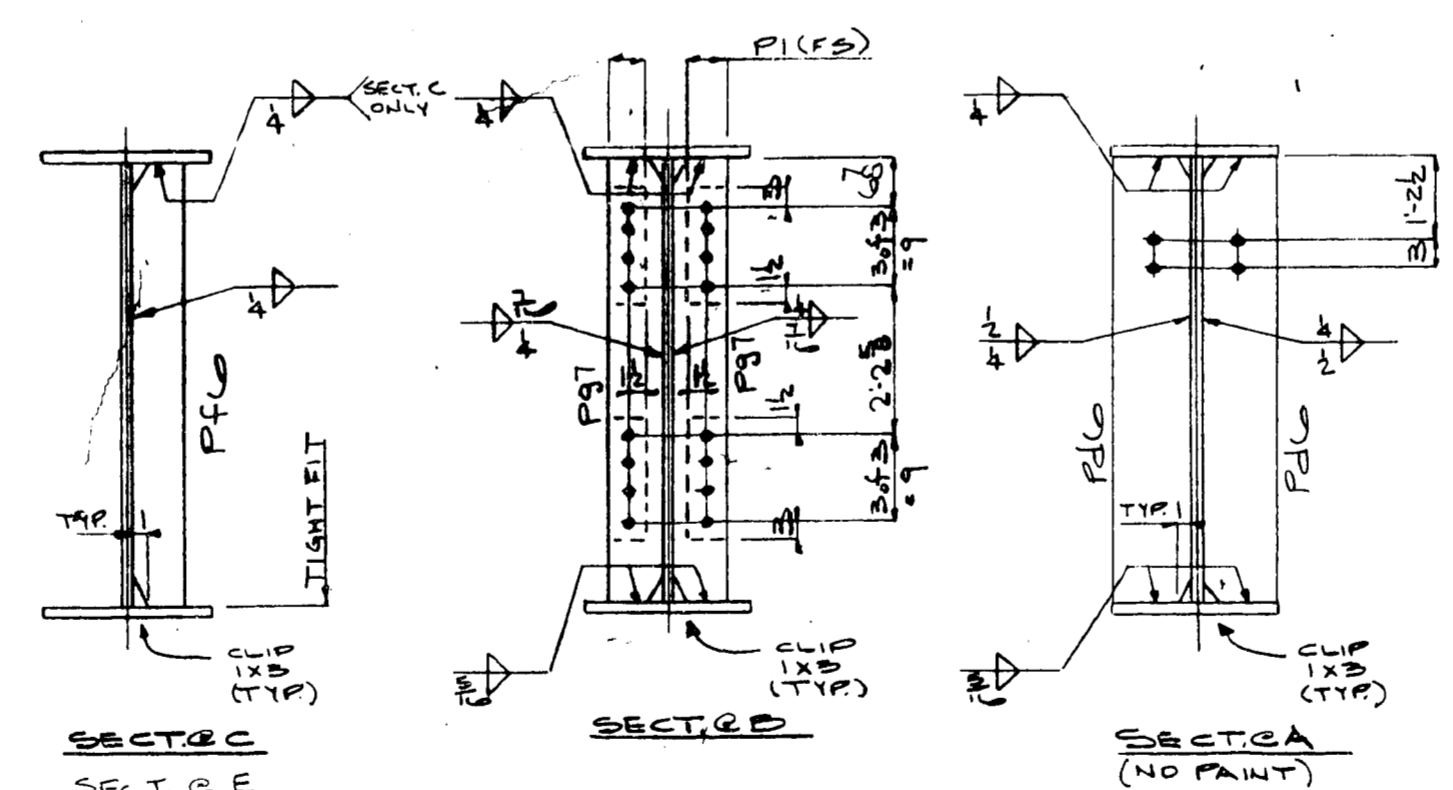
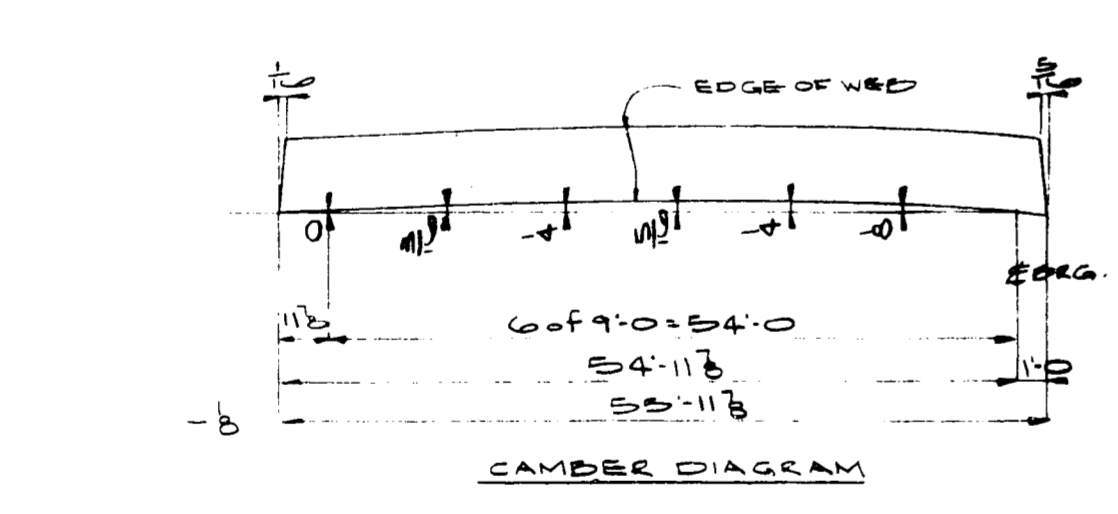
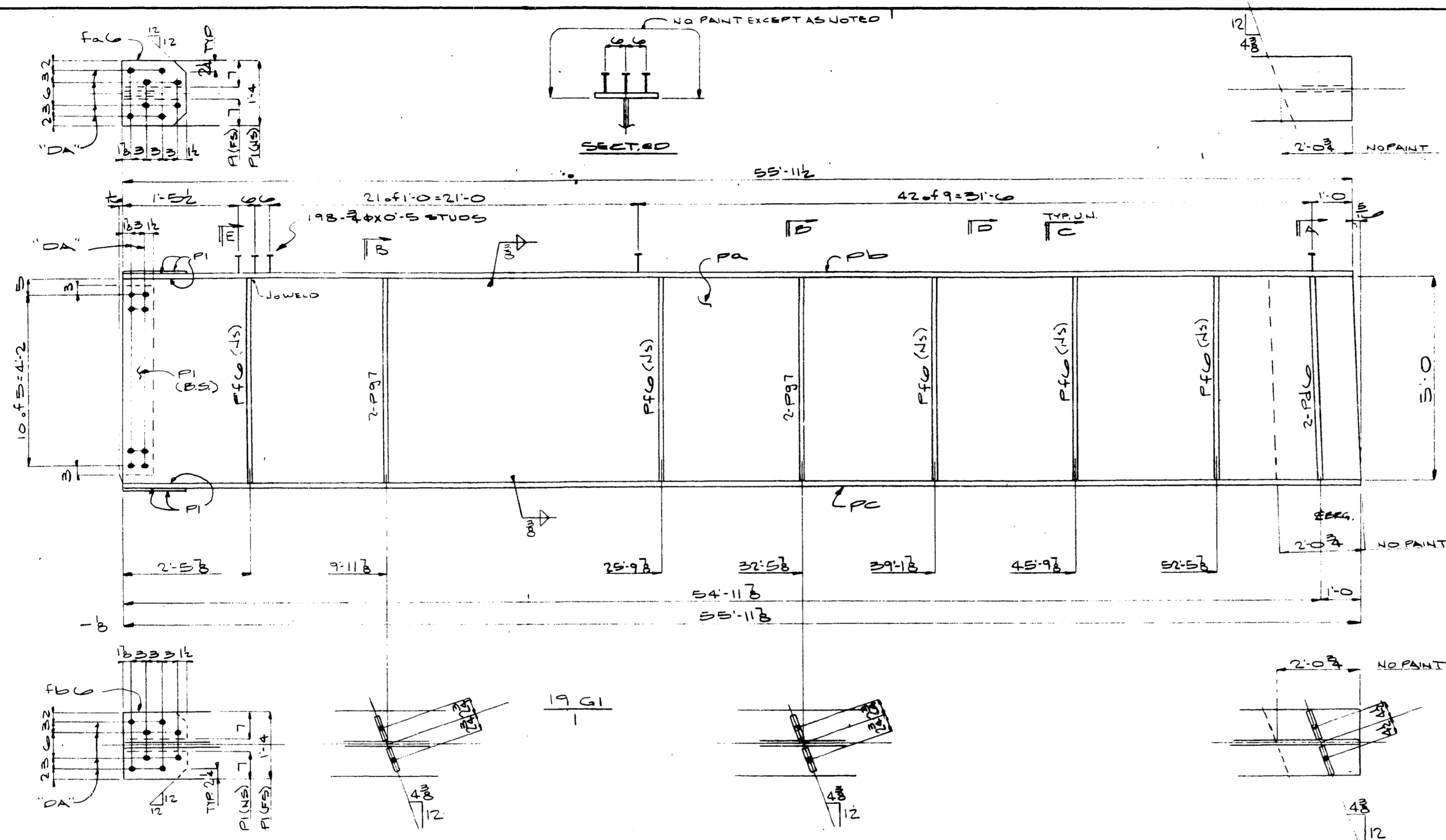
WEST MEMPHIS CONTRACT NUMBER: 5074
MEMPHIS CONTRACT NUMBER: 2
WEST MEMPHIS SHEET NUMBER: 17

GENERAL SHOP NOTES:
MATERIAL: UNLESS NOTED
HOLES: UNLESS NOTED
SHOP BOLTS: UNLESS NOTED
WELD ELECTRODE: UNLESS NOTED

PAINT:
CLEANING REQUIREMENTS: #10 BLAST
NUMBER OF COATS AND TYPE OF PAINT: ONE 5/8 OF INORGANIC ZINC RICH PRIMER UNLESS NOTED
DRY MIL THICKNESS: 3.0 (+1.0) UNLESS NOTED

REVISIONS:
DATE: 7/6/79
BY: H.S.
CHECKED BY: H.S.
DATE: 6-24

FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET REFER TO EJECTION PLANS



BILL OF MATERIAL										
NO.	QTY	DESCRIPTION	LENGTH		DETAIL MARK	SHIPPING MARK	REMARKS	MATERIAL SPECIFICATION OTHER THAN AS DESCRIBED COMPANY STANDARD	CONTRACT NO.	SHEET NO.
			FEET	INCHES						
1	1	ONE GIRDER								
2	1	PFG X 60S11B								
3	1	PFG X 16S11B								
4	1	PFG X 16S11B								
5	1	F11 1/4 X 12 3/8								
6	1	F11 1/4 X 12 3/8								
7	2	PFG X 7 3/8								
8	5	PFG X 5 1/2								
9	4	PFG X 5 1/2								
10	2	PFG X 7 3/8								
11	5	PFG X 5 1/2								
12	4	PFG X 5 1/2								
13	198	3/4 X 0.5 STUDS								

NOTES:

OPEN HOLES ARE FOR H.C. BOLTS.

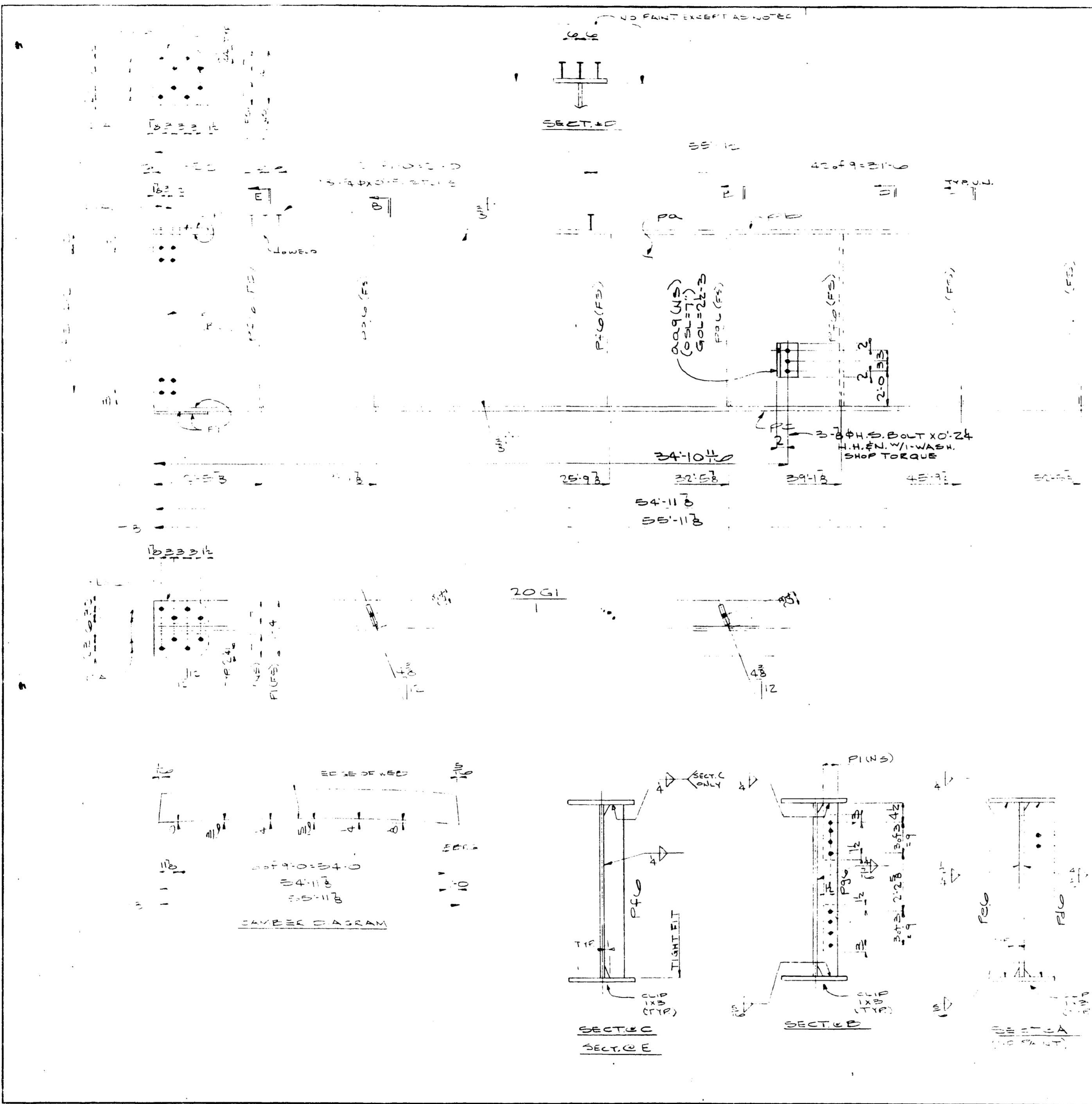
ALL HOLES NOTED 'DA' TO BE DRILLED FROM THE SOLID WHILE SPICE PLATES ARE HELD IN POSITION WITH PILOT HOLES AND MATCHMARKED PER BLOCKING DIAGRAM ON DWG. E1.

P1 - DESIGNATES FIELD CONTACT SURFACE TO RECEIVE 1/8 (20S) MIL THICKNESS PAINT.

STA. 17+15

GENERAL SHOP NOTES			PIDGEON THOMAS IRON COMPANY P. O. Box 20, Memphis, TN 38101	
MATERIAL: UNLESS NOTED	ASTM-A36		PE PROJ. NO. BR5 5259 (10)	STRUCTURE KY. 2 OVER WITLE SANDY RIVER
HOLES: UNLESS NOTED	DIAMETER: UNLESS NOTED		DATE: 6-84	LOCATION: GREENUP COUNTY, KY.
SHOP BOLTS: UNLESS NOTED	DIA. ASS: UNLESS NOTED		CHECKED BY: J.P.	CUSTOMER: P.L. BRAUGHNER
WELD ELECTRODE: UNLESS NOTED	TYPE: UNLESS NOTED	DATE: 6-84	ARCHITECT: KY. BUREAU OF HIGHWAYS	
CLEANING REQUIREMENTS: #10 BLAST			ENGINEER: SAME	
NUMBER OF COATS AND TYPE OF PAINT: ONE 1/2% OF INORGANIC ZINC RICH PRIMER UNLESS NOTED			FABRICATION ASSIGNED TO: MEMPHIS WEST MEMPHIS	
DRY MIL THICKNESS: 5.0 (20S) UNLESS NOTED				
FOR LOCATION OF SHIPPING PIECES SHOWN ON THIS SHEET REFER TO SECTION PLANS			WEST MEMPHIS CONTRACT NUMBER: 3074	COPIES ISSUED: 2
				SHEET NUMBER: 19

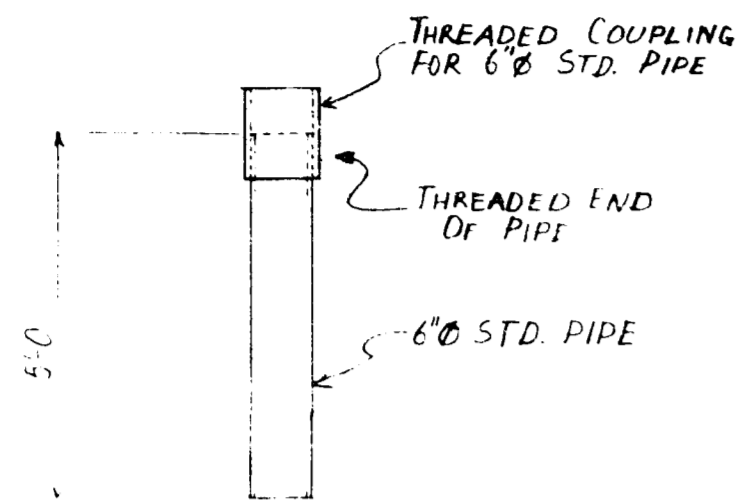
20



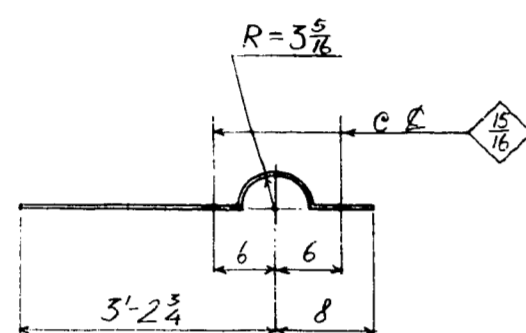
BILL OF MATERIAL	
1	20
2	1
3	1
4	1
5	1
6	1
7	1
8	1
9	1
10	1
11	1
12	1
13	1
14	1
15	1
16	1
17	1
18	1
19	1
20	1
21	1
22	1
23	1
24	1
25	1
26	1
27	1
28	1
29	1
30	1
31	1
32	1
33	1
34	1
35	1
36	1
37	1
38	1
39	1
40	1
41	1
42	1
43	1
44	1
45	1
46	1
47	1
48	1
49	1
50	1
51	1
52	1
53	1
54	1
55	1
56	1
57	1
58	1
59	1
60	1
61	1
62	1
63	1
64	1
65	1
66	1
67	1
68	1
69	1
70	1
71	1
72	1
73	1
74	1
75	1
76	1
77	1
78	1
79	1
80	1
81	1
82	1
83	1
84	1
85	1
86	1
87	1
88	1
89	1
90	1
91	1
92	1
93	1
94	1
95	1
96	1
97	1
98	1
99	1
100	1

GENERAL SHOP NOTES		PIDGEOON THOMAS IRON COMPANY Box 271 Memphis TN 38101	
MATERIAL	AS NOTED	DATE	6-84
PAINT	UNLESS NOTED	DATE	6-84
HOLES	AS NOTED	DATE	6-84
WELD ELECTRODE	UNLESS NOTED	DATE	6-84
CLEANING REQUIREMENTS	#10 BLAST	DATE	6-84
NUMBER OF COATS AND TYPE OF PAINT	2-1/2" OF ORGANIC ZINC RICH PRIMER UNLESS NOTED	DATE	6-84
DRY FILM THICKNESS	3.0 (1 1/8") UNLESS NOTED	DATE	6-84
REVISIONS		DATE	6-84
FOR LOCATION OF SHIPPING PIECES SHOW IN THIS SHEET REFER TO Erection Plans		DATE	6-84
WEST MEMPHIS CONTRACT NUMBER	3574	MEMPHIS CONTRACT NUMBER	2
MEMPHIS CONTRACT NUMBER		WEST MEMPHIS CONTRACT NUMBER	20

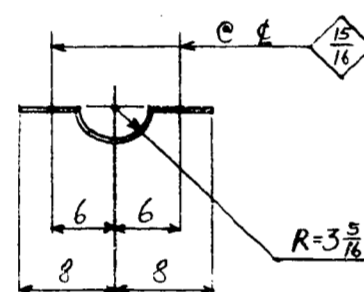
21



10 - 21M1



10 - BAR 5/8 x 3 x 4'-2 1/2 - 21M2




10 - BAR 5/8 x 3 x 1'-7 1/4 - 21M3

BILL OF MATERIAL

NO.	MATERIAL		DETAIL MARK	SHIPPING MARK	REMARKS	MATERIAL SPECIFICATION	CALCULATED WEIGHT
	DESCRIPTION	LENGTH					
1	10 6" STD. PIPE	5'-0"			21M1	A-52 TYPE	
2	10 THREADED COUPLING FOR 6" STD. PIPE						
3							
4							
5	10 BAR 5/8 x 3	4'-2 1/2"			21M2		
6	10 BAR 5/8 x 3	1'-7 1/4"			21M3		
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							
46							
47							
48							
49							
50							
51							
52							
53							
54							
55							
56							
57							
58							
59							
60							

22

GENERAL SHOP NOTES				PIDGEOON THOMAS PIRON COMPANY P. O. Box 20, Memphis, TN 38101	
MATERIAL	ASTM A53 UNLESS NOTED	HOLES	DIAMETER UNLESS NOTED	SHOP BOLTS	DIA. A325 UNLESS NOTED
WELD ELECTRODE	E70XX UNLESS NOTED	PAINT	SSPC-SP10	CLEANING REQUIREMENTS	SSPC-SP10
NUMBER OF COATS AND TYPE OF PAINT	1 ST CO INORGANIC ZINC RICH PRIMER	DRY MIL THICKNESS	3.0 MIN	REVISIONS	
DETAILED BY SV DATE 6-11-89		CHECKED BY DATE		P.E. PROJ. No. BR5 5239 (10) STRUCTURE KY. 2 OVER LITTLE SANDY RIVER LOCATION GREENUP COUNTY, KY. CUSTOMER D.L. BRAUGHLER ARCHITECT KY. BUREAU OF HIGHWAYS ENGINEER SAME	
WE ACCEPT NO LIABILITY FOR ANY DESIGN WHICH HAS BEEN APPROVED BY ARCHITECT OR ENGINEER.		FABRICATION ASSIGNED TO MEMPHIS <input checked="" type="checkbox"/> WEST MEMPHIS <input type="checkbox"/>		WEST MEMPHIS CONTRACT NUMBER PIRGEOON THOMAS CONTRACT NUMBER COST SHEET NUMBER DRAWING NUMBER	

DATE
REVISION
CHECKED BY
DATE
CHECKED BY
DATE
CHECKED BY
DATE
CHECKED BY
DATE

Kentucky Proj. No. BHD-5239(10)
KY #2 Over Little Sandy River
Greenup County, Kentucky

Contract No. 507H

Top Flange		
Heat No. TA_803485280	TP_ N/A	TC_ N/A
Girder No. 1021		
Web Heat No. 803485280		
Bottom Flange		
Heat No. BA_803485280	BB_ N/A	BC_ N/A

Required Camber - 1/4 - 5/16 - 1/4 - 1/4
Actual Camber - 1/4 - 1/4 - 1/2 - 3/16

Kentucky Proj. No. BHD-5239(10)
KY #2 Over Little Sandy River
Greenup County, Kentucky

Contract No. 507L

Top Flange		
Heat No. TA_803485280	TP_ N/A	TC_ N/A
Girder No. 1021		
Web Heat No. 803485280		
Bottom Flange		
Heat No. BA_803485280	BB_ N/A	BC_ N/A

Required Camber - 1/4 - 5/16 - 1/4 - 3/16
Actual Camber - 1/16 - 3/8 - 1/4 - 1/8

Kentucky Proj. No. BHD-5239(10)
KY #2 Over Little Sandy River
Greenup County, Kentucky

Contract No. 507K

Top Flange		
Heat No. TA_803485280	TP_ N/A	TC_ N/A
Girder No. 1021		
Web Heat No. 803485280		
Bottom Flange		
Heat No. BA_803485280	BB_ N/A	BC_ N/A

Required Camber - 1/8 - 1/4 - 5/16 - 1/4 - 3/16
Actual Camber - 1/16 - 1/2 - 3/8 - 5/16



Kentucky Proj. No. BHD-5239(10)
KY #2 Over Little Sandy River
Greenup County, Kentucky

Contract No. 507L

Top Flange		
Heat No. TA_803485280	TP_803485280	TC_803485280
Girder No. 1021		
Web Heat No. 803485280		
Bottom Flange		
Heat No. BA_803485280	BB_ N/A	BC_ N/A

Required Camber - 1/4 - 9/16 - 3/4 - 13/16 - 5/8 - 1/8
Actual Camber - 1/4 - 3/4 - 3/4 - 13/16 - 5/8 - 3/16

Kentucky Proj. No. BHD-5239(10)
KY #2 Over Little Sandy River
Greenup County, Kentucky

Contract No. 507L

Top Flange		
Heat No. TA_803485280	TP_803485280	TC_803485280
Girder No. 1021		
Web Heat No. 803485280		
Bottom Flange		
Heat No. BA_803485280	BB_ N/A	BC_ N/A

Required Camber - 1/4 - 9/16 - 3/4 - 13/16 - 5/8 - 1/8
Actual Camber - 7/16 - 3/4 - 15/16 - 1.0 - 3/4 - 1/4

Kentucky Proj. No. BHD-5239(10)
KY #2 Over Little Sandy River
Greenup County, Kentucky

Contract No. 507K

Top Flange		
Heat No. TA_803485280	TP_803485280	TC_803485280
Girder No. 1021		
Web Heat No. 803485280		
Bottom Flange		
Heat No. BA_803485280	BB_ N/A	BC_ N/A

Required Camber - 1/4 - 9/16 - 3/4 - 13/16 - 5/8 - 1/8
Actual Camber - 5/16 - 5/8 - 13/16 - 13/16 - 5/8 - 3/16



23

GENERAL PROJECT NO. MAINTENANCE PROJECT NO. DRAWING NO.

DATE DATE DATE DATE DATE DATE DATE DATE DATE DATE

Kentucky Proj. No. EMS-5239(10)
KY #2 Over Little Sandy River
Greenup County, Kentucky
Contract No. 5074

Top Flange		
HEAT No.	TA_803A85280	TC_N/A
Girder No. 1493		
Web Heat No. 803A85280		
Bottom Flange		
HEAT No.	BA_803A85280	BC_N/A

Required Camber - 1/2 - 1-1/16 - 1-3/8 - 1-1/2
Actual Camber - 1/2 - 1-1/16 - 1-3/8 - 1-1/2



8-23-84

Kentucky Proj. No. EMS-5239(10)
KY #2 Over Little Sandy River
Greenup County, Kentucky
Contract No. 5074

Top Flange		
HEAT No.	TA_803A85280	TC_N/A
Girder No. 1493		
Web Heat No. 803A85280		
Bottom Flange		
HEAT No.	BA_803A85280	BC_N/A

Required Camber - 1/2 - 1-1/16 - 1-3/8 - 1-1/2
Actual Camber - 1/2 - 1-1/16 - 1-3/8 - 1-1/2 - 5/16



8-23-84

Kentucky Proj. No. EMS-5239(10)
KY #2 Over Little Sandy River
Greenup County, Kentucky
Contract No. 5074

Top Flange		
HEAT No.	TA_803A85280	TC_N/A
Girder No. 1493		
Web Heat No. 803A85280		
Bottom Flange		
HEAT No.	BA_803A85280	BC_N/A

Required Camber - 1/2 - 1-1/16 - 1-1/4 - 1-1/2 - 1/2
Actual Camber - 5/16 - 1-3/16 - 1-1/2 - 1-3/16 - 5/16



8-23-84

Kentucky Proj. No. EMS-5239(10)
KY #2 Over Little Sandy River
Greenup County, Kentucky
Contract No. 5074

Top Flange		
HEAT No.	TA_803A85280	TC_803A85280
Girder No. 1493		
Web Heat No. 803A75160		
Bottom Flange		
HEAT No.	BA_803A85460	BC_N/A

Required Camber - 1/8 - 5/8 - 13/16 - 3/4 - 9/16 - 1/4
Actual Camber - 1/8 - 5/8 - 15/16 - 15/16 - 3/4 - 1/4



8-23-84

Kentucky Proj. No. EMS-5239(10)
KY #2 Over Little Sandy River
Greenup County, Kentucky
Contract No. 5074

Top Flange		
HEAT No.	TA_803A85280	TC_803A85280
Girder No. 1493		
Web Heat No. 803A75160		
Bottom Flange		
HEAT No.	BA_803A85460	BC_N/A

Required Camber - 1/8 - 5/8 - 13/16 - 3/4 - 9/16 - 1/4
Actual Camber - 1/4 - 3/4 - 13/16 - 3/4 - 9/16 - 5/16



8-23-84

Kentucky Proj. No. EMS-5239(10)
KY #2 Over Little Sandy River
Greenup County, Kentucky
Contract No. 5074

Top Flange		
HEAT No.	TA_803A85280	TC_803A85280
Girder No. 1493		
Web Heat No. 803A85280		
Bottom Flange		
HEAT No.	BA_803A85460	BC_N/A

Required Camber - 1/8 - 5/8 - 13/16 - 3/4 - 9/16 - 1/4
Actual Camber - 3/16 - 11/16 - 15/16 - 13/16 - 5/8 - 5/16



8-23-84

24

CONSTRUCTION PROJECT NO. MAINTENANCE PROJECT NO. DRAWING NO.

CHECKED BY: _____ DATE: _____
 DESIGNED BY: _____ DATE: _____
 DRAWN BY: _____ DATE: _____
 REVISIONS: _____ DATE: _____
 APPROVED BY: _____ DATE: _____

Kentucky Proj. No. BRS-5239(10)
 KY #2 Over Little Sandy River
 Greenup County, Kentucky

Contract No. 5074

Top Flange

Heat No. TA _____ TB _____ TC _____

Girder No. _____

Web Heat No. _____

Bottom Flange

Heat No. BA _____ BB _____ BC _____

Required Camber - 3/16 - 1/4 - 5/16 - 1/4 - 1/8
 Actual Camber - 3/16 - 5/16 - 1/2 - 1/2 - 1/4

Kentucky Proj. No. BRS-5239(10)
 KY #2 Over Little Sandy River
 Greenup County, Kentucky

Contract No. 5074

Top Flange

Heat No. TA _____ TB _____ TC _____

Girder No. _____

Web Heat No. _____

Bottom Flange

Heat No. BA _____ BB _____ BC _____

Required Camber - 3/16 - 1/4 - 5/16 - 1/4 - 1/8
 Actual Camber - 3/16 - 1/4 - 3/8 - 5/16 - 3/4

Kentucky Proj. No. BRS-5239(10)
 KY #2 Over Little Sandy River
 Greenup County, Kentucky

Contract No. 5074

Top Flange

Heat No. TA _____ TB _____ TC _____

Girder No. _____

Web Heat No. _____

Bottom Flange

Heat No. BA _____ BB _____ BC _____

Required Camber - 3/16 - 1/4 - 5/16 - 1/4 - 1/8
 Actual Camber - 1/4 - 5/16 - 7/16 - 5/16 - 3/16



8-9-84



8-12-84



8-23-84

SHEET 25

COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF _____

ROAD _____

STATION _____ PROJECT NO. _____

CONSTRUCTION PROJECT NO. _____ MAINTENANCE PROJECT NO. _____ DRAWING NO. _____

FE. PROJ. NO. BRS 5239(10) STA. 17+15
 PIDGEON-THOMAS IRON COMPANY

FIELD RIVETS & BOLTS
 GRIP LIST
 MADE BY H.W. JUNE 19 84

FOR D.L. BRAUGHLER
 JOB BR. OVER LITTLE SANDY RIVER - GREENUP COUNTY, KY.

CONTRACT NO. 5074 DRAWING NO. 1014
 PAGE 21

NUMBER PK PCS	DIA.	TYPE	BOLTS LATH. HD. NUT	WASH. COIP	THICKNESS OF MATERIAL CONNECTED	LOCATION
100	8φ	H.S.	2 1/2 H H	1 1/2	4 1/2	DIAPHRAGM
64			2 3/4		1 3/8	C.P. & PIPES
252			2 1/4		1 3/8	INT. C.P.
SPLICE						
528			2 1/2		1 1/2	WEB
172			1 1/2		1 1/2	T.F.
192			2 1/2		1 1/2	B.F.
40	8	H.S.	2 H H 1-STD	5/8	5/8	DRAIN BRACKETS

FE. PROJ. NO. BRS 5239(10) STA. 17+15
 PIDGEON THOMAS IRON COMPANY

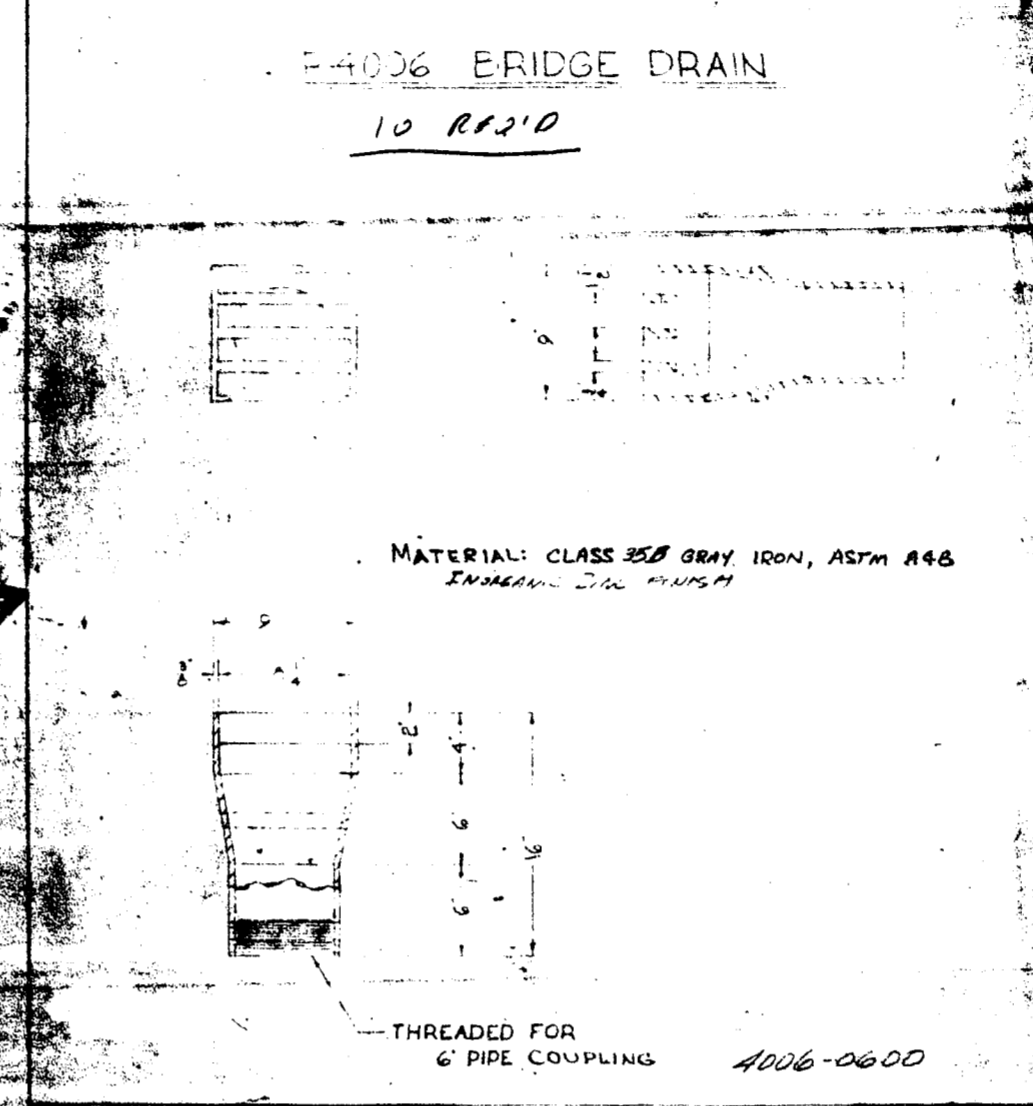
FIELD RIVETS AND BOLTS
 MADE BY H.W. JUNE 19 84

FOR D.L. BRAUGHLER
 JOB BR. OVER LITTLE SANDY RIVER - GREENUP COUNTY, KY.

CONTRACT NO. 5074 DRAWING NO. 1014
 PAGE 21

DATE	CHG NO	NO PCS.	DESCRIPTION	T REMARKS
		360	B.F.H.S. BOLT X 0 7/8 H.H.H.N	352
		555		544
		66		64
		190		192
		190	DO.	192
		41	3/4 H.S. BOLT X 0 2 H.H.H.N	40
		1414	STD. WASH. FOR B.F.H.S. BOLT	
		1414	LOAD INDICATOR WASH. (X)	
QUANTITIES INCLUDE MIN 2% OVERAGE				

NF-13253 NF-13253



RENEAU FOUNDRY COMPANY
 GREENUP COUNTY, KY.

JOINT WELDING PROCEDURES

Sketch:

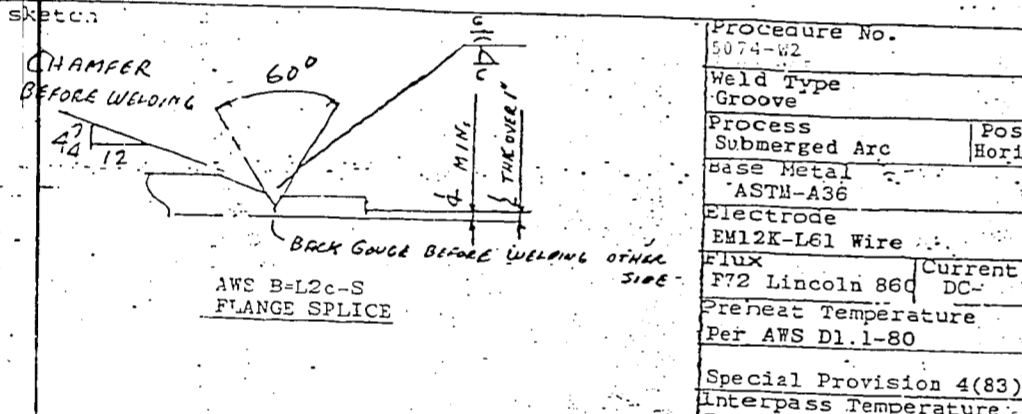
Procedure No. 5074-22
 Weld Type: Groove
 Process: Submerged Arc
 Position: Horiz
 Base Metal: ASTM-A36
 Electrode: E7028 Lincoln Jetweld LH38
 Flux: F72 Lincoln 780 DC
 Preheat Temperature: Per AWS D1.1-80
 Special Provision 4(83): Interpass Temperature Per AWS D1.1-80

Weld Size	Pass No.	Electrode Size	Amperes	Voltage	Speed (IPM)
3/8	1	3/32	500	38	20

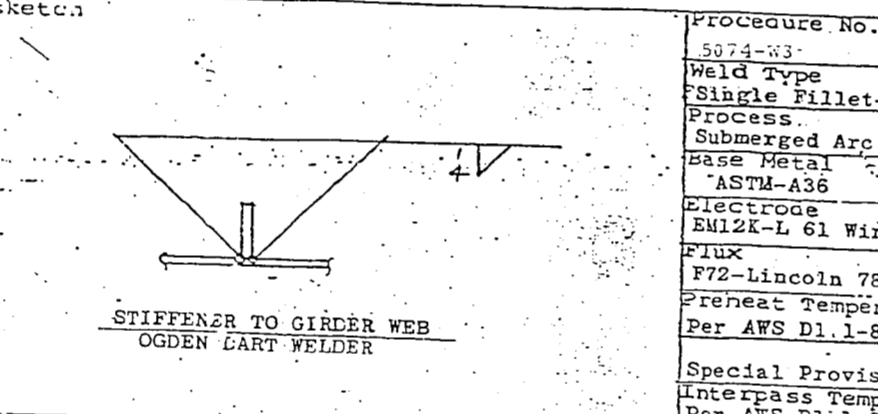
Per Requirements: AASHTO 1981 Standard Specifications for Welding of Structural Steel Highway Bridges.

Prepared By: Earl Jackson, Jr.
 Date: January 20, 1984
 Customer: Kentucky Department of Transportation
 Project No. BRS-5239(10) Greenup County

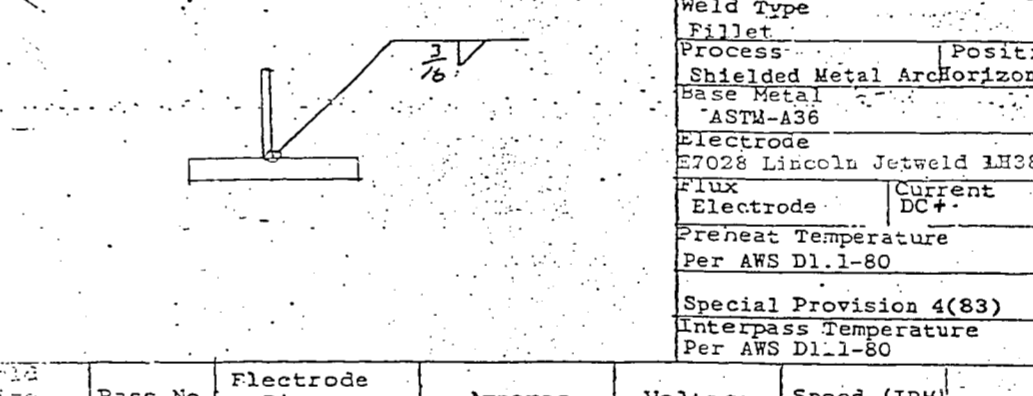
JOINT WELDING PROCEDURES



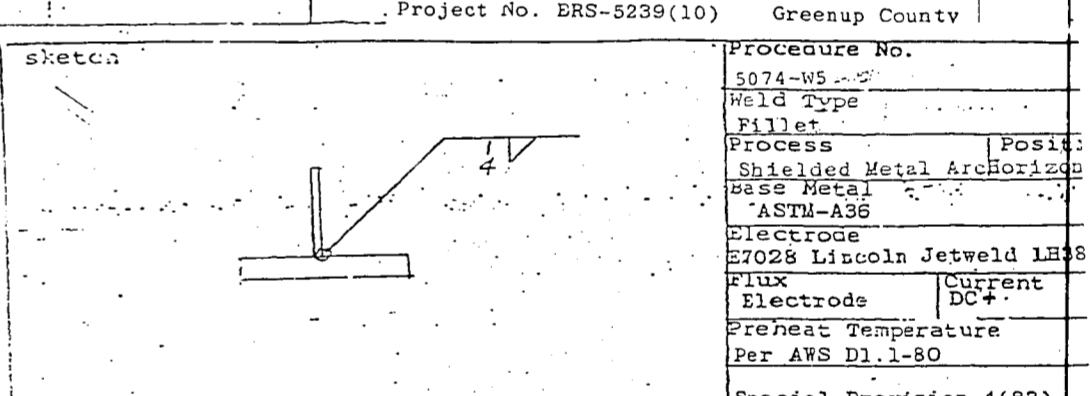
JOINT WELDING PROCEDURES



Procedure No. 5074-33

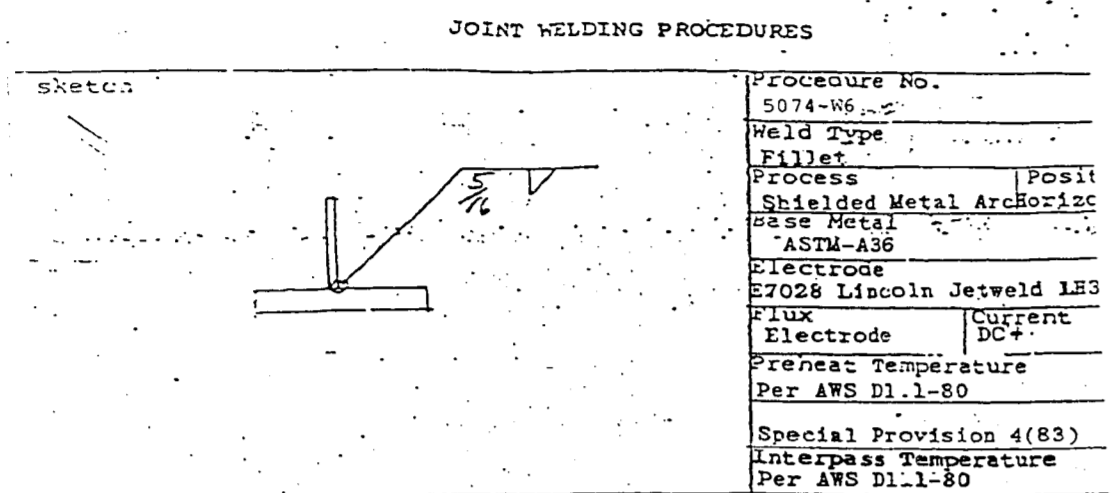


Procedure No. 5074-33



COMMONWEALTH OF KENTUCKY
 DEPARTMENT OF HIGHWAYS
 26

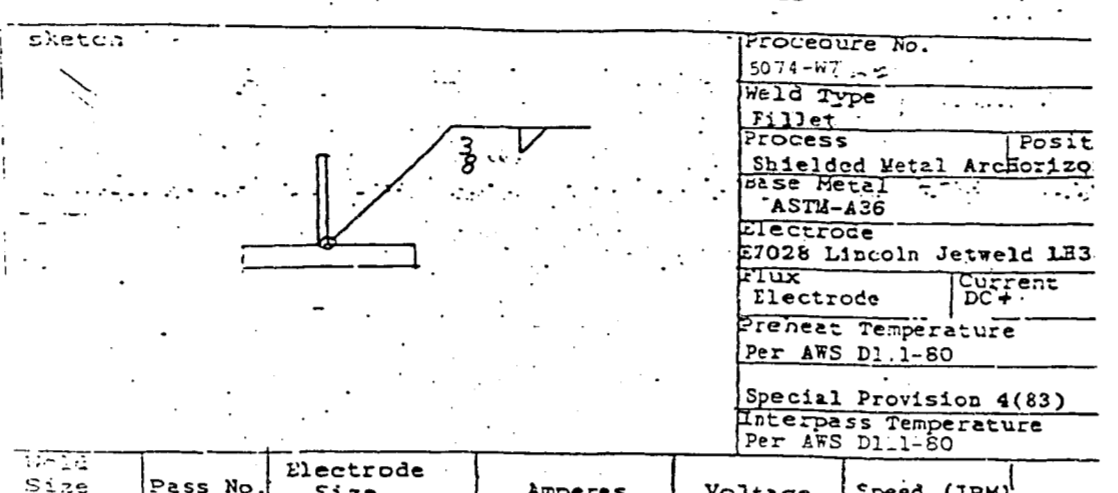
DATE DATE DATE DATE
 REVISION REVISION REVISION REVISION
 CHECKED BY CHECKED BY CHECKED BY CHECKED BY
 TRACED BY TRACED BY TRACED BY TRACED BY



Weld Size	Pass No.	Electrode size	Amperes	Voltage	Speed (IPM)
3/16	1	3/16	360	-	Manual

General Requirements
 ASHTO 1981 Standard Specifications for Welding of Structural Steel Highway Bridges.
 Pidgeon Thomas Drawings: 9, 10, 11, 15, 16, 27

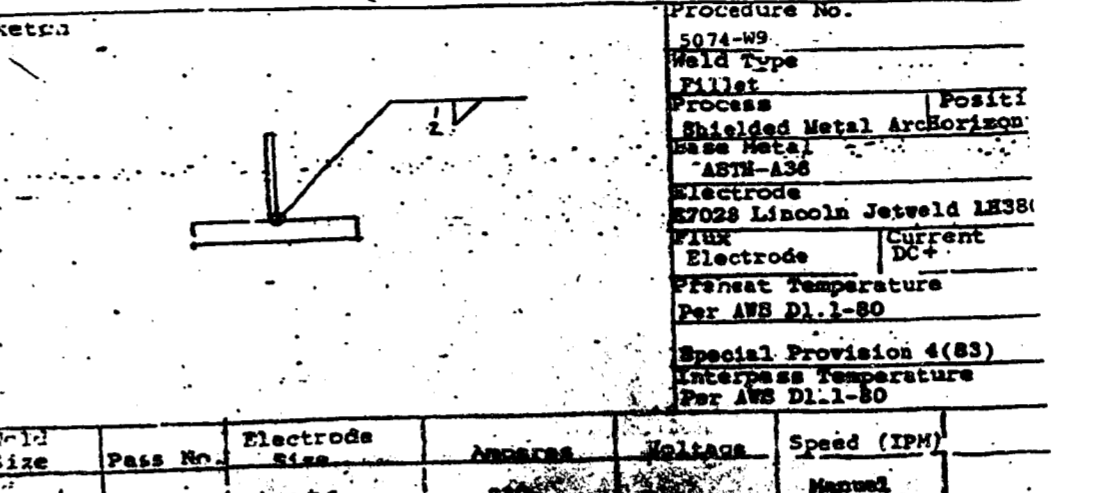
JOINT WELDING PROCEDURE
 Prepared by Earl Jackson Jr. Qualified By AWS D1.1-80
 Date January 20, 1984
 Customer Kentucky Department of Transportation
 Project No. ERS-5239(10)



Weld Size	Pass No.	Electrode size	Amperes	Voltage	Speed (IPM)
3/8	1	7/32	325	-	Manual
1/8	2	7/32	325	-	Manual

General Requirements
 ASHTO 1981 Standard Specifications for Welding of Structural Steel Highway Bridges.
 Pidgeon Thomas Drawings: 1

JOINT WELDING PROCEDURE
 Prepared by Earl Jackson Jr. Qualified By AWS D1.1-80
 Date January 20, 1984
 Customer Kentucky Department of Transportation
 Project No. ERS-5239(10)



Weld Size	Pass No.	Electrode size	Amperes	Voltage	Speed (IPM)
1/2	1	3/16	250	-	Manual
1/8	2	3/16	250	-	Manual
1/2	3	3/16	250	-	Manual

General Requirements
 ASHTO 1981 Standard Specifications for Welding of Structural Steel Highway Bridges.
 Pidgeon Thomas Drawings: 1

JOINT WELDING PROCEDURE
 Prepared by Earl Jackson Jr. Qualified By AWS D1.1-80
 Date January 20, 1984
 Customer Kentucky Department of Transportation
 Project No. ERS-5239(10)

Weld Size	Pass No.	Electrode size	Amperes	Voltage	Speed (IPM)
7/16	1	3/16	230	-	Manual
7/16	2	3/16	230	-	Manual
7/16	3	3/16	230	-	Manual

General Requirements
 ASHTO 1981 Standard Specifications for Welding of Structural Steel Highway Bridges.
 Pidgeon Thomas Drawings: 1

JOINT WELDING PROCEDURE
 Prepared by Earl Jackson Jr. Qualified By AWS D1.1-80
 Date January 20, 1984
 Customer Kentucky Department of Transportation
 Project No. ERS-5239(10)

27
SHEET

COMMONWEALTH OF KENTUCKY
DEPARTMENT OF HIGHWAYS
 FRANKFORT
 COUNTY OF

ROAD
 P. E. PROJECT NO.

STATION _____ CONSTRUCTION PROJECT NO. _____ DRAWING NO. _____
 MAINTENANCE PROJECT NO. _____