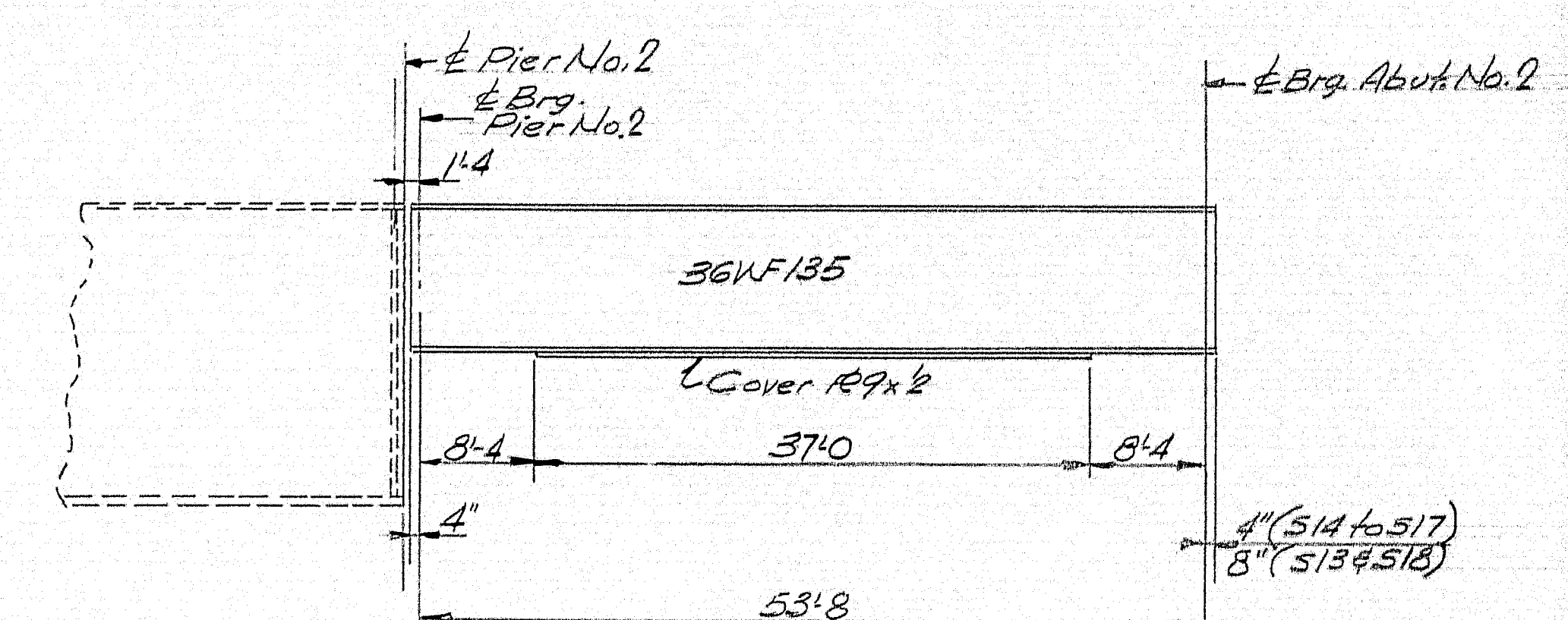


ERECTION DIAGRAM - SPANS No. 1 & 3

Form Bracket Holes are to be plugged with 3/4" x 1/4" Carriage Bolts, heads on outside, holes to be completely covered Tack Weld nuts to Stringer Web.

WELDING NOTE

Automatic or semi-automatic arc welding shall be certified by a letter of compliance that the electrode and flux are capable of producing weld metal having properties for applicable base metal.



GENERAL NOTES

- 1) All material for Spans 1 & 3 shall conform to A.S.T.M. A36
- 2) Bearings to be field welded to stringers.

PAINT: Red Lead per Maine Specs.

Proj. No. I-95-9(13)

ERECTION DIAGRAM - SPANS 1 & 3

Bancroft & Martin Inc.
South Portland 7, Maine

I-95 OVER BARRYARDS
OAKFIELD, MAINE

CUSTOMER: THOMAS DICENZO

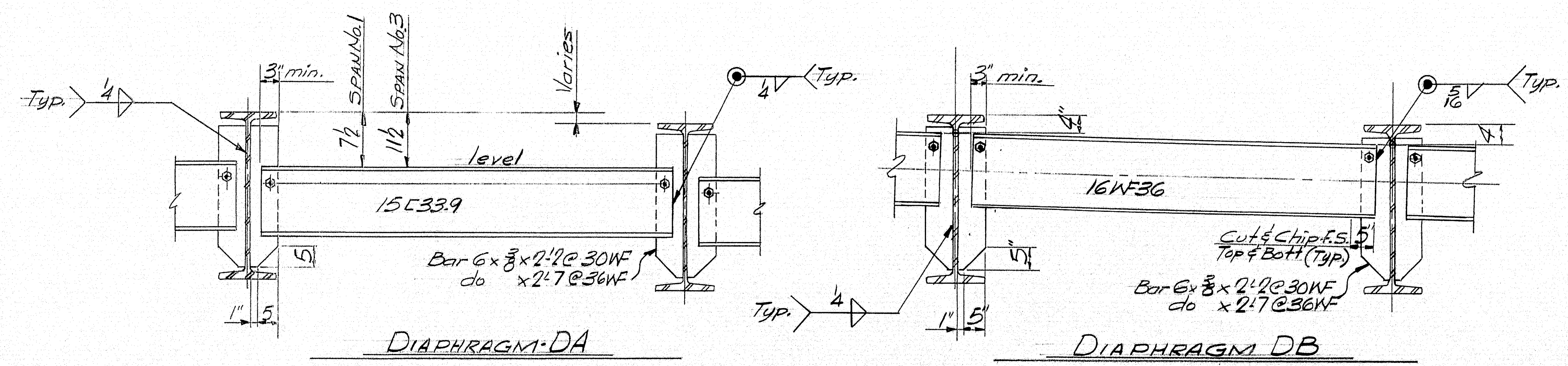
DESIGNER: MAINE S.H.C. BRIDGE DIV.

ORDER NO. VERBAL

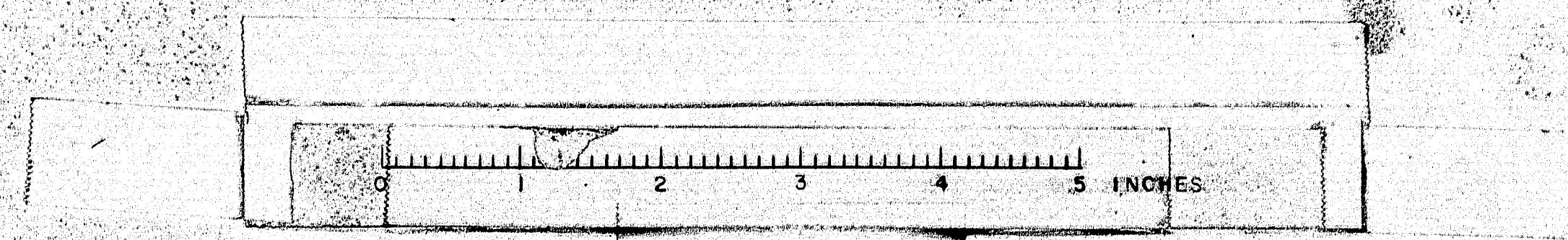
DWG. NO. 65-68-E1

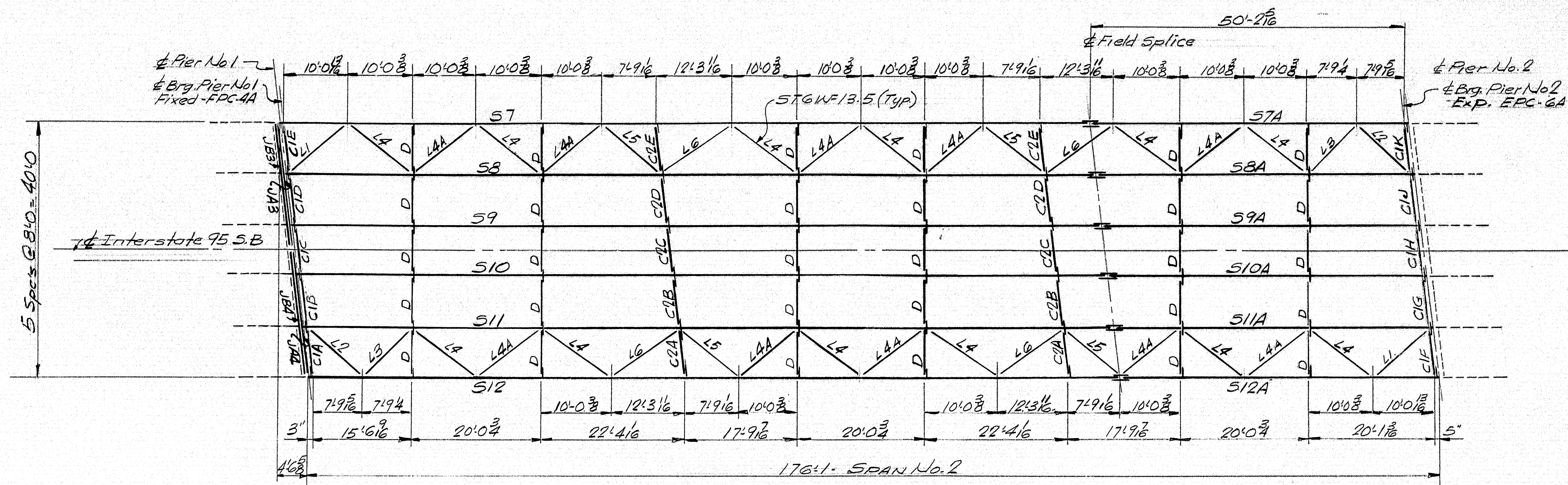
DRAWN	6-25-65 J.P.F.
REVISION	
REVISION	
REVISION	

98-115



Use 3/4" M. Bolts x 1 1/2" - Erection Bolts.





ERECTION DIAGRAM - SPAN No. 2

Form Bracket Holes are to be plugged with 3/8" x 1/4" Carriage Bolts, heads on outside, holes to be completely covered. Jack Weld nuts to Stringer Web.

GENERAL NOTES

- 1) Flanges-Web & Splice materials for girders shall conform to A.S.T.M. Desig A441. All other steel shall conform to A.S.T.M. A36. High Tensile Strength Bolts A.S.T.M. Desig A325 Pins A.S.T.M. A235 (Class E).
- 2) Girders are to be cambered in accordance with the details.
- 3) Girders are to be fitted with Shear Connectors in accordance with the details.
- 4) Welds for flange plate & web plate butts: Submerged Arc.
A441-Steel Linde Air Prod. Co. Unionmelt 5/32" 36 wire Grade 50 Flux.
Web to flange fillets: Submerged Arc.
A441-Steel Linde Air Prod. Co. Unionmelt 5/32" 29 wire Grade 50 Flux.
Bearing Stiffeners: Submerged Arc.
A441 & A36 Steel - Lincoln Electric Co. 3/32" L60 wire - 780 Flux.
- 5) The following non-destructive tests of the welded steel girders will be required:
A- Radiographic testing of shop butt welds.
B- Magnetic particle of shop welds, girder webs to flanges & bearing stiffeners to girder webs.
For additional information see supplemental specifications and Special Provisions.
- 6) Flanges & webs are to be butt welded & inspected in accordance with the above specifications prior to being fillet welded to each other.
- 7) Holes in field splices of continuous girders are to be sub-punched (or sub-drilled) and reamed while assembled in the shop and connecting parts to be match marked & bolted for shipment.
- 8) Shop Paint shall be one coat of Red Lead per Maine Specs.
All steel shall be "Wheelabrator Cleaned".
- 9) Bearings to be field welded to girders.

SPLICE NOTE

Bolts to be 1" A.S.T.M. A-325.
Nuts to be on inside face of splice @ Face Stringers.

Automatic or semi-automatic arc welding shall be certified by a letter of compliance that the electrode and flux are capable of producing weld metal having properties specified for the applicable base metal.

Proj. No. I-95-9(13)

ERECTION DIAGRAM - SPAN 2

Bancroft & Martin Inc.

South Portland 7, Maine

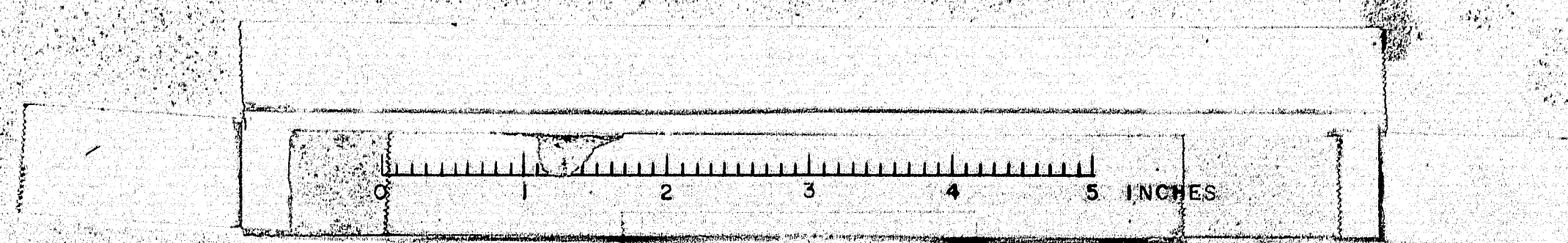
I-95 OVER BERRYARDS
OAKFIELD, MAINE

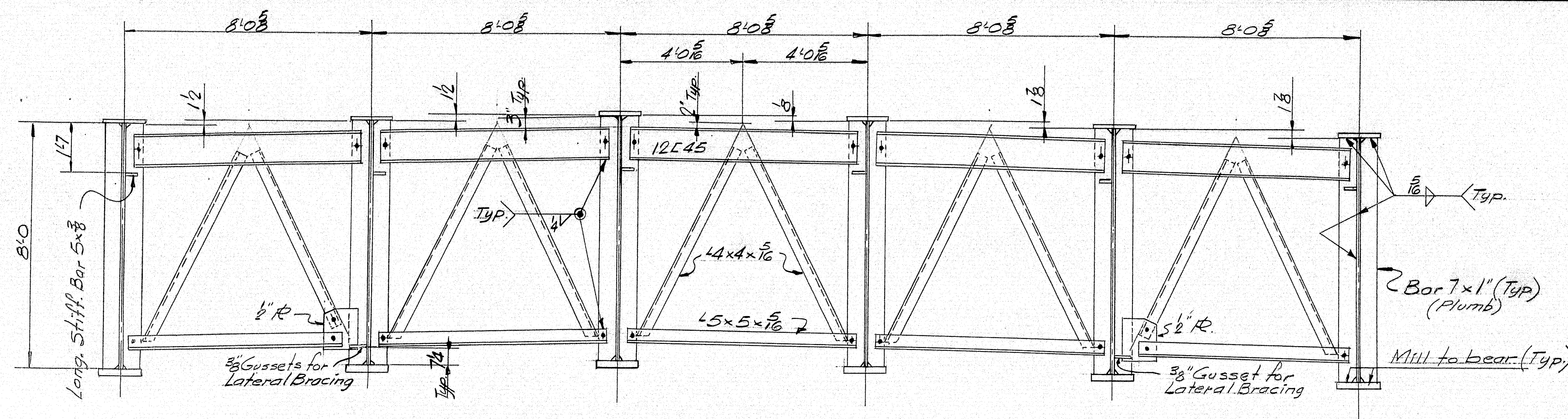
CUSTOMER THOMAS DICENZO
DESIGNER MAINE S.H.C. BRIDGE DIV.

ORDER NO. VERBAL DWG. NO. 65-68-E2

DRAWN 7-65 J.P.P.
REVISION
REVISION
REVISION

WAG 98-116

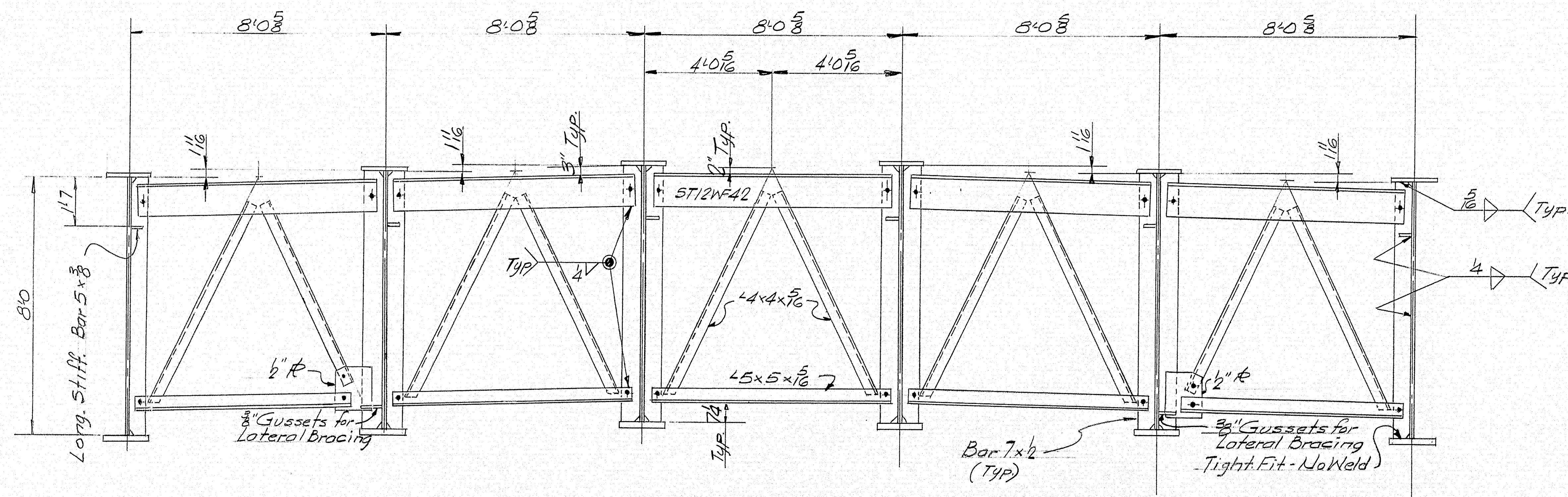




CROSS FRAMES - TYPE C1 (@ PIER No. 1 - PIER No. 2 SIMILAR)

Section taken looking West

Erection Bolts - Use $\frac{1}{2}$ " M. Bolts x 24 in $\frac{13}{16}$ " holes.



CROSS FRAMES - TYPE C2

Section taken looking EAST.

Erection Bolts - Use $\frac{1}{2}$ " M. Bolts x 24 in $\frac{13}{16}$ " holes.

PROJ. No. I-95-9(13)

CROSS FRAMES - TYPES C1 & C2

Bancroft & Martin Inc.
South Portland 7, Maine

I-95-OVERBARRYARDS
OAKFIELD, MAINE

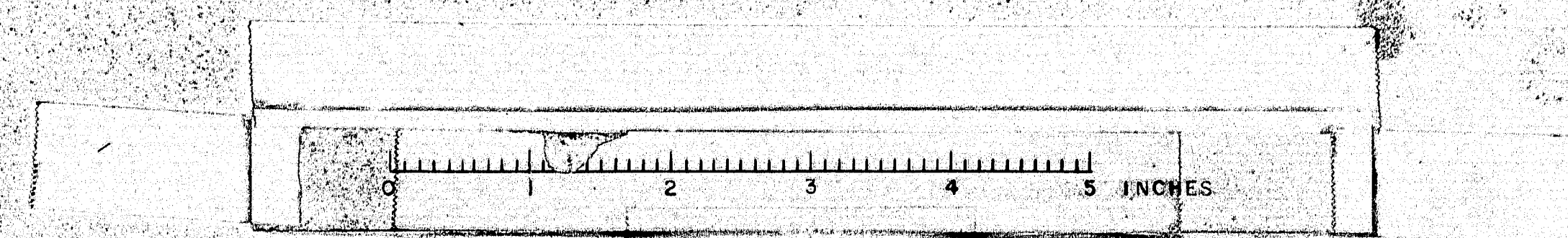
CUSTOMER THOMAS DICENZO
DESIGNER MAINE S.H.C. BRIDGE DIV.

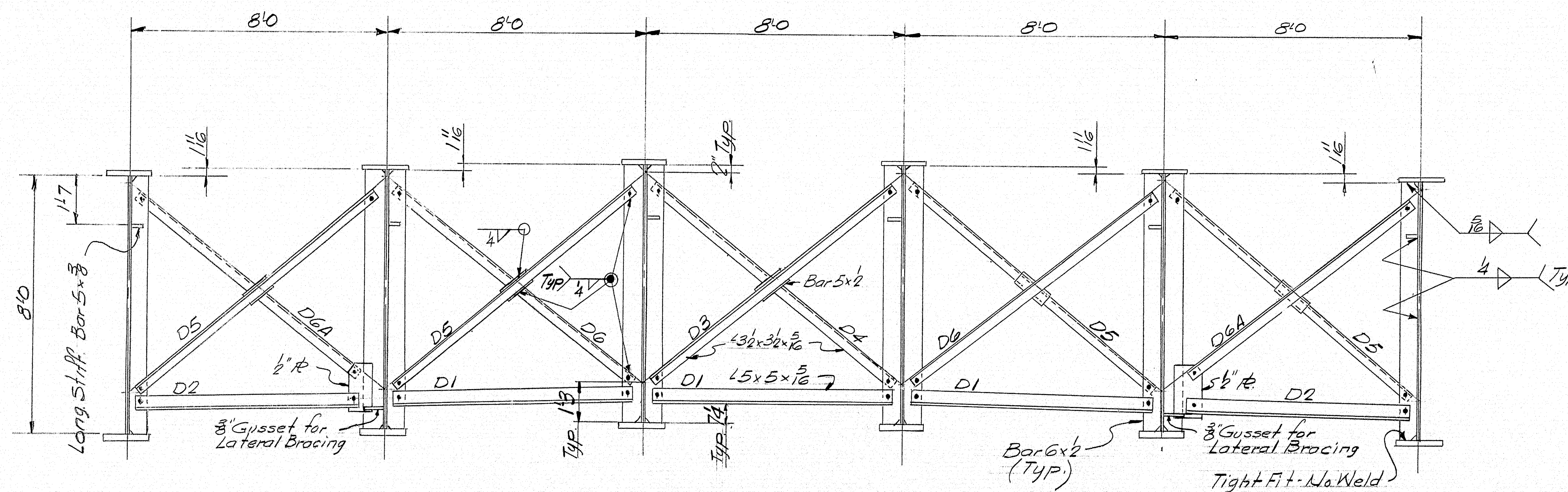
ORDER NO. VERBAL DWG. NO. 65-68-ES

APR 11 1965

DRAWN	7-8-65 J.P.P.
REVISION	
REVISION	
REVISION	

98-117





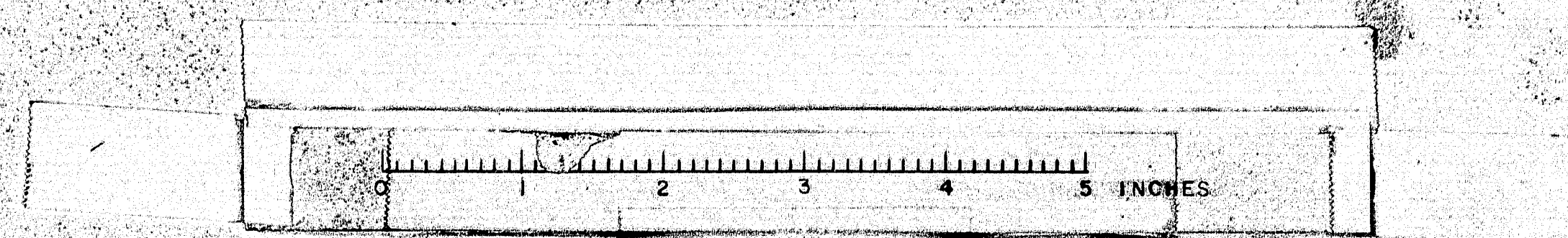
CROSS FRAMES - TYPE D

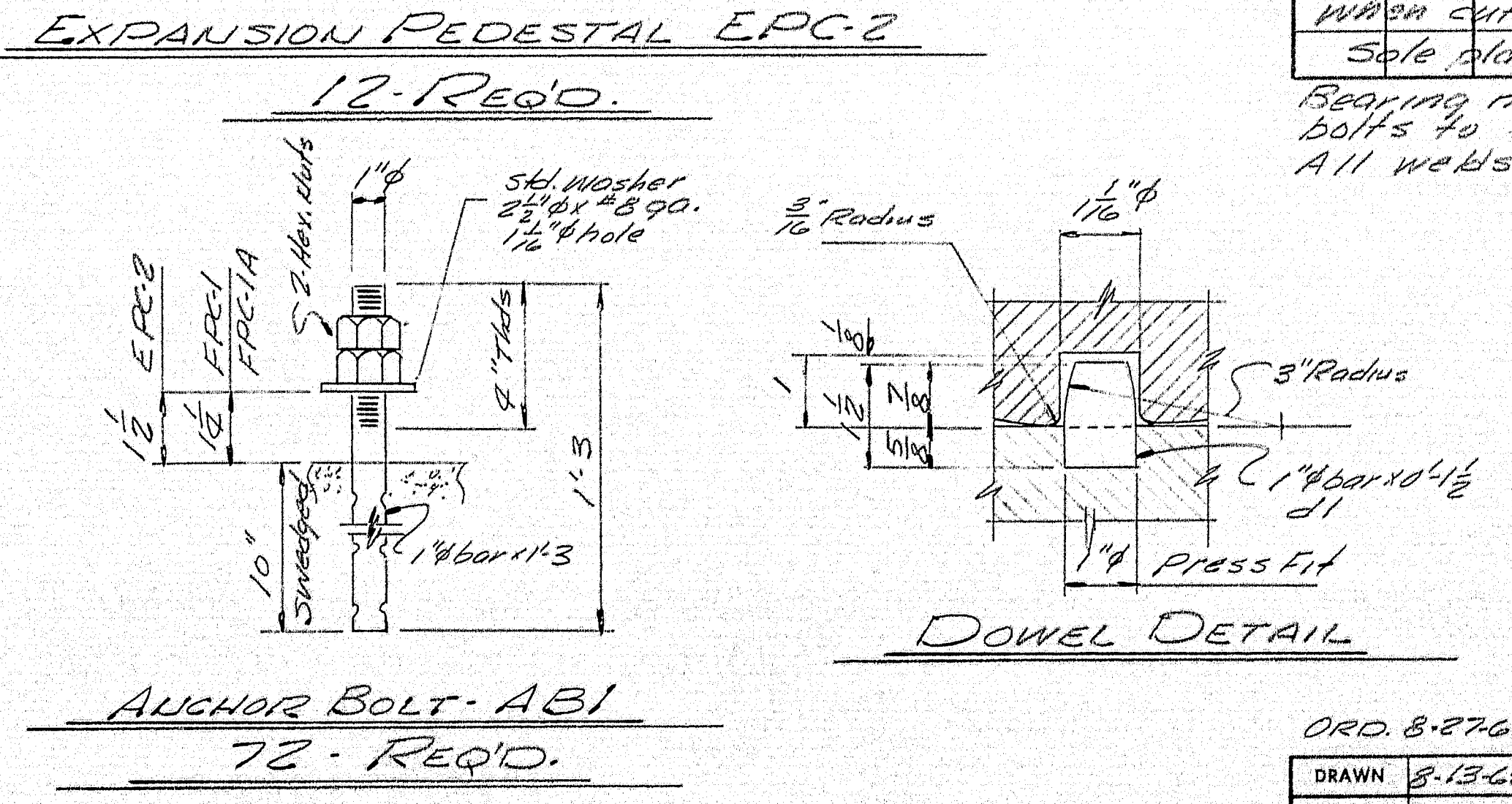
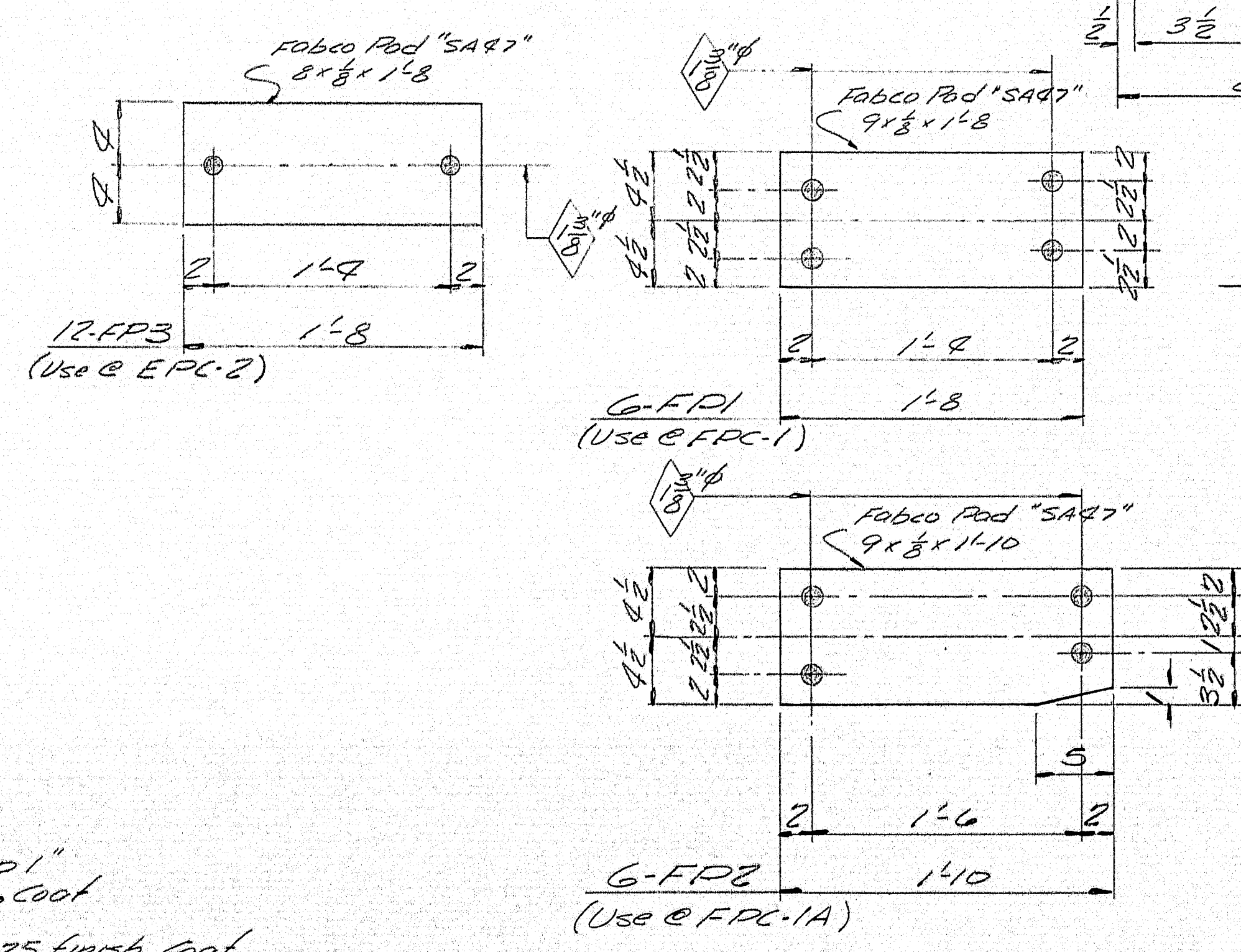
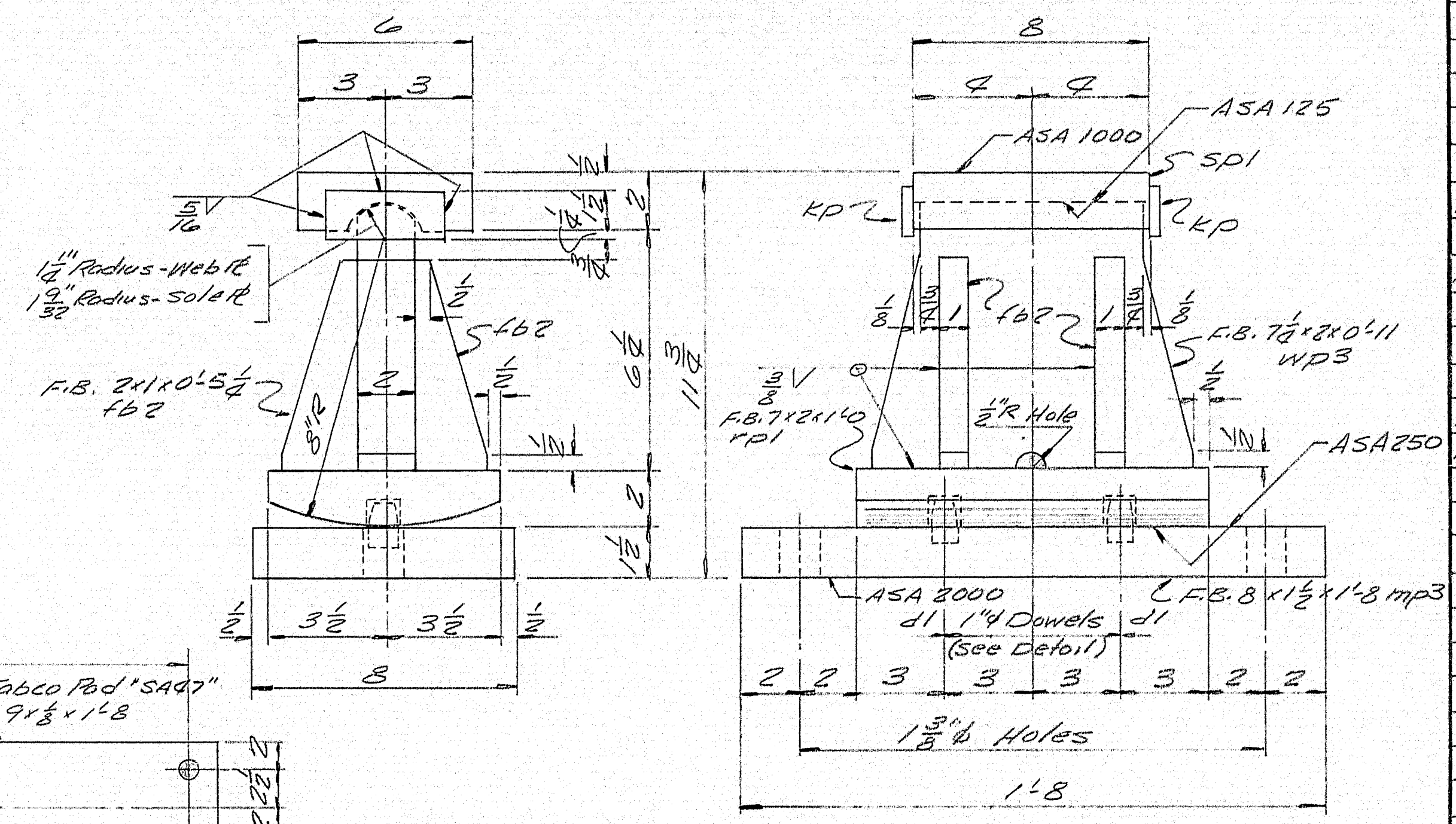
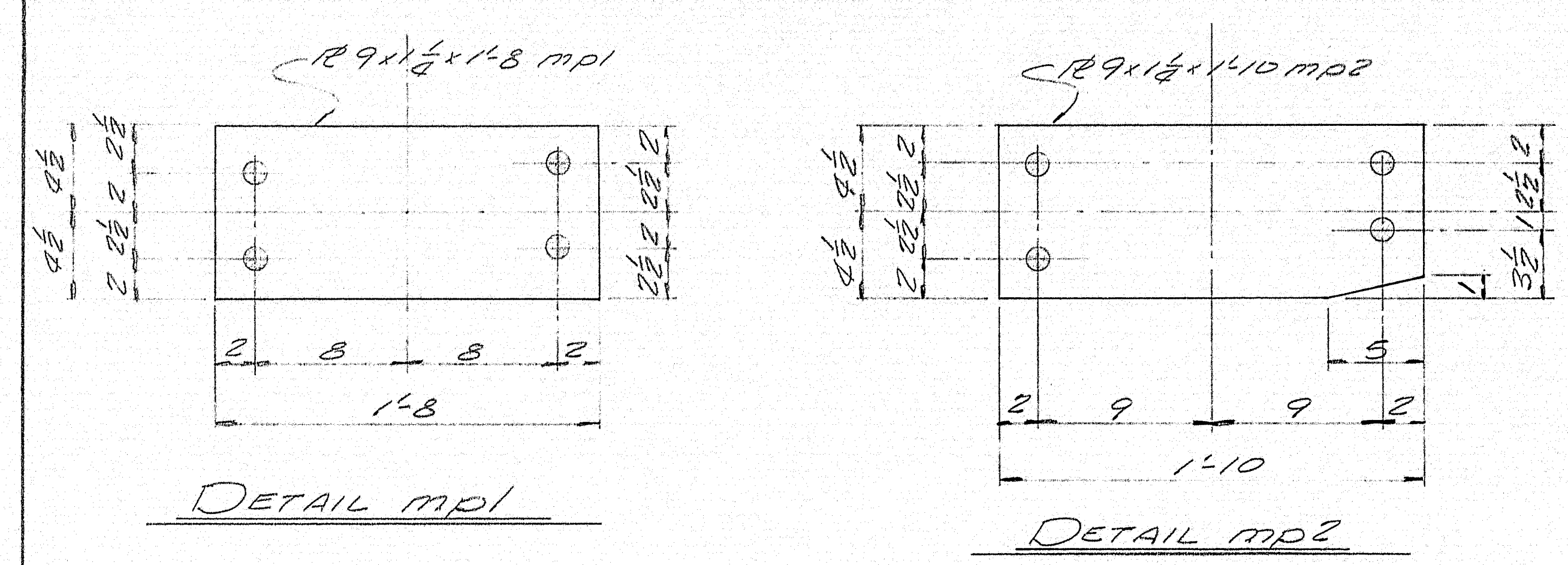
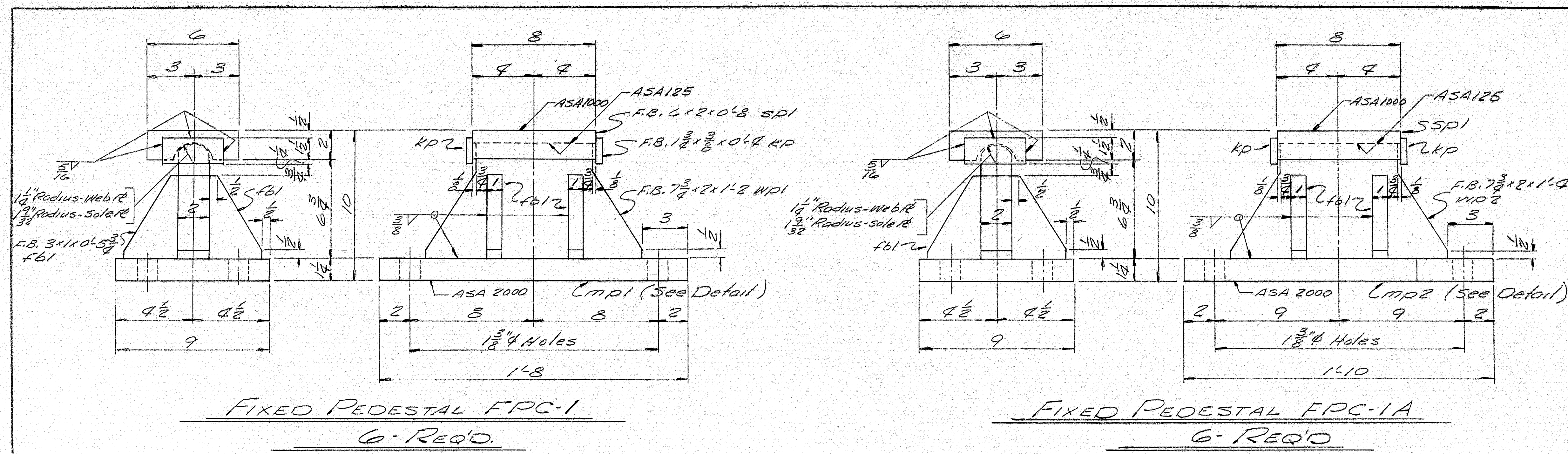
Section taken looking East.

Erection Bolts - Use 1/2" M. Bolts x 2 1/2" 13/16" holes

APR 11-29-65	PROJ. No. I-95-9(13)	
	CROSS FRAMES - TYPE D	
	Bancroft & Martin Inc.	
	South Portland 7, Maine	
	I-95-OVER BERRY YARDS	
	OAKFIELD, MAINE	
	CUSTOMER THOMAS DICENZO	
	DESIGNER MAINE S.H.C. BRIDGED INC.	
	ORDER NO. VERBAL	DWG. NO. 65-68-F4

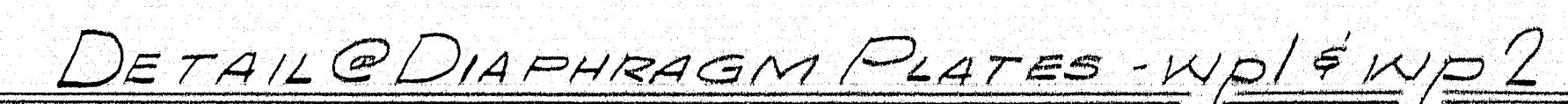
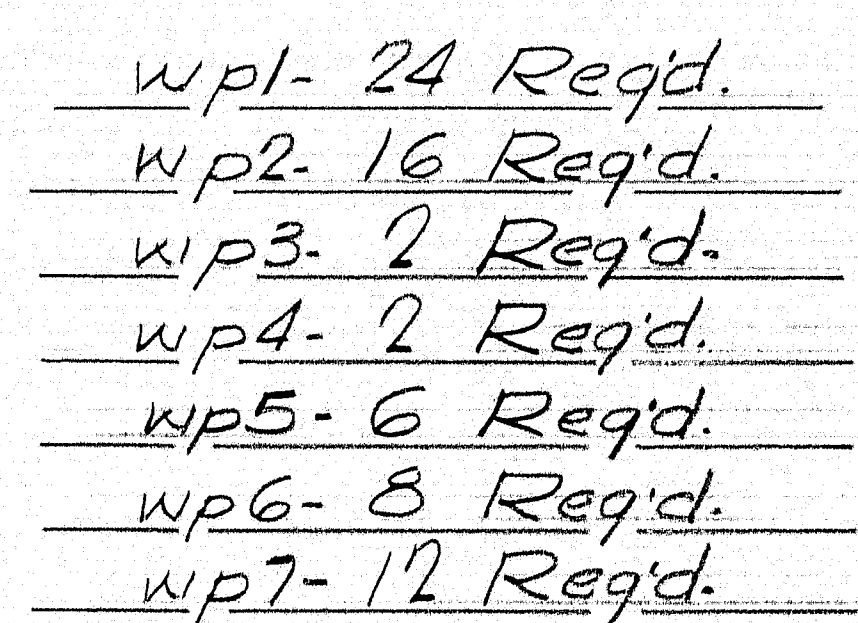
98-118





SHIP		BILL OF MATERIAL				DWG. NO. 65-68-31
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
FPC-1	6		FIXED PEDESTAL ASSY.			
	6	MP1	129x1 1/2	1 8		
	6	MP2	F.B. 7/8 x 2	1 8		
	6	SPI	F.B. 1/2 x 2	0 8		field weld to stringer
	12	KP	F.B. 1/2 x 3/8	0 4		
	24	FBI	F.B. 3/4 x 1	0 5 1/2		
FPC-1A	6		FIXED PEDESTAL ASSY.			
	6	MP2	129x1 1/2	1 10		
	6	MP2	F.B. 7/8 x 2	1 4		
	6	SPI	F.B. 1/2 x 2	0 8		field weld to stringer
	12	KP	F.B. 1/2 x 3/8	0 4		
	24	FBI	F.B. 3/4 x 1	0 5 1/2		
EPC-2	12		EXPANSION PEDESTAL ASSY.			
	12	MP3	F.B. 8 x 1 1/2	1 8		
	12	SPI	F.B. 1/2 x 2	0 8		field weld to stringer
	12	MP3	F.B. 7/8 x 2	0 11		
	12	KP1	F.B. 7/8 x 2	1 0		
	48	FBI	F.B. 3/4 x 1	0 5 1/2		
	24	DI	1/4 bar	0 1 1/2		
	24	KP	F.B. 1/2 x 3/8	0 4		
ABI	72		1/4 bar	1 3		
	144	shp	1" shp			
Field	72		1" washer			2 1/2" x 8" sq., 1 1/2" hole
FPI	6		Pad 9 x 8	1 8		Fabco Pad "SA47"
FPR	6		Pad 9 x 8	1 10		DU
FP3	12		Pad 8 x 8	1 8		DU
						Req. No. 8078
ITEM - 702-103.1						
PROJECT NO. 1-95-9(13)						
Allowance to be made for machining						
when cutting above material.						
Sole plates to be field welded to stringers.						
Bearing material to be A57M A36, Anchor bolts to be A7, A36 or A307.						
All welds to be made with E70 Electrodes.						
SHOP CONNECTIONS: Welded						
FIELD CONNECTIONS: Welded						
HOLES: As noted.						
PAINT: Red lead per spec S.H.C. SPEC. and as noted.						
PEDESTAL DETAILS (SPAW'S #3)						
Bancroft & Martin Inc.						
South Portland 7, Maine						
INTERSTATE 95						
OVER B. & A. R.R. YARDS						
OAKFIELD, MAINE.						
CUSTOMER THOMAS DICENZO						
DESIGNER M.S.H.C. BRIDGE DIV.						
ORDER NO. Verbol						
DWG. NO. 65-68-31						

PAINT NOTE:
No paint on top of sole plates 'spi' and 1" down from top on sides, coat with boiled linseed oil.
No paint on surface with ASA125 finish, coat with mixture of white lead and tallow.
No paint on Anchor bolts - oil tallow.



DRAWN	6-30-65 J.R.F.	CUSTOMER	THOMAS DICENZO
REVISION		DESIGNER	MAINE S.H.G. BRIDGE DIV.
REVISION		ORDER NO.	1/ERBAL
REVISION		DWG. NO.	65-68-53

PROV. NO. I-95-9(13)

TYPICAL DETAILS

Bancroft & Martin Inc.

South Portland 7, Maine

I-95 OVER BEARR YARDS

OAKFIELD, MAINE

CUSTOMER THOMAS DICENZO

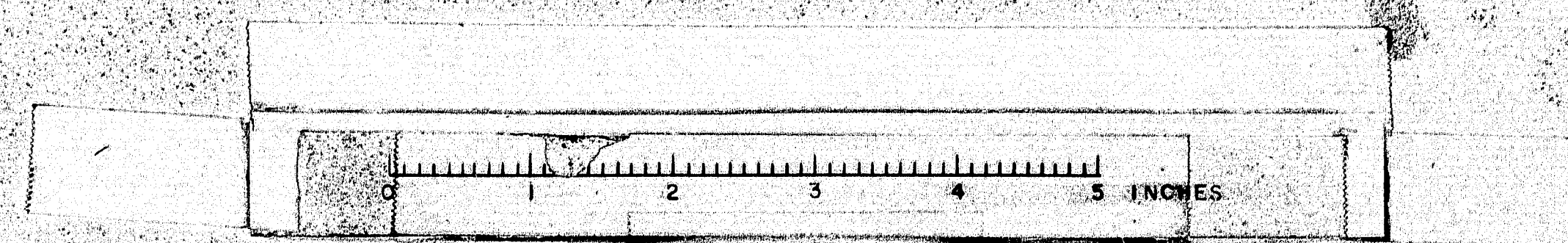
DESIGNER MAINE S. H. C. BRIDGE DIV.

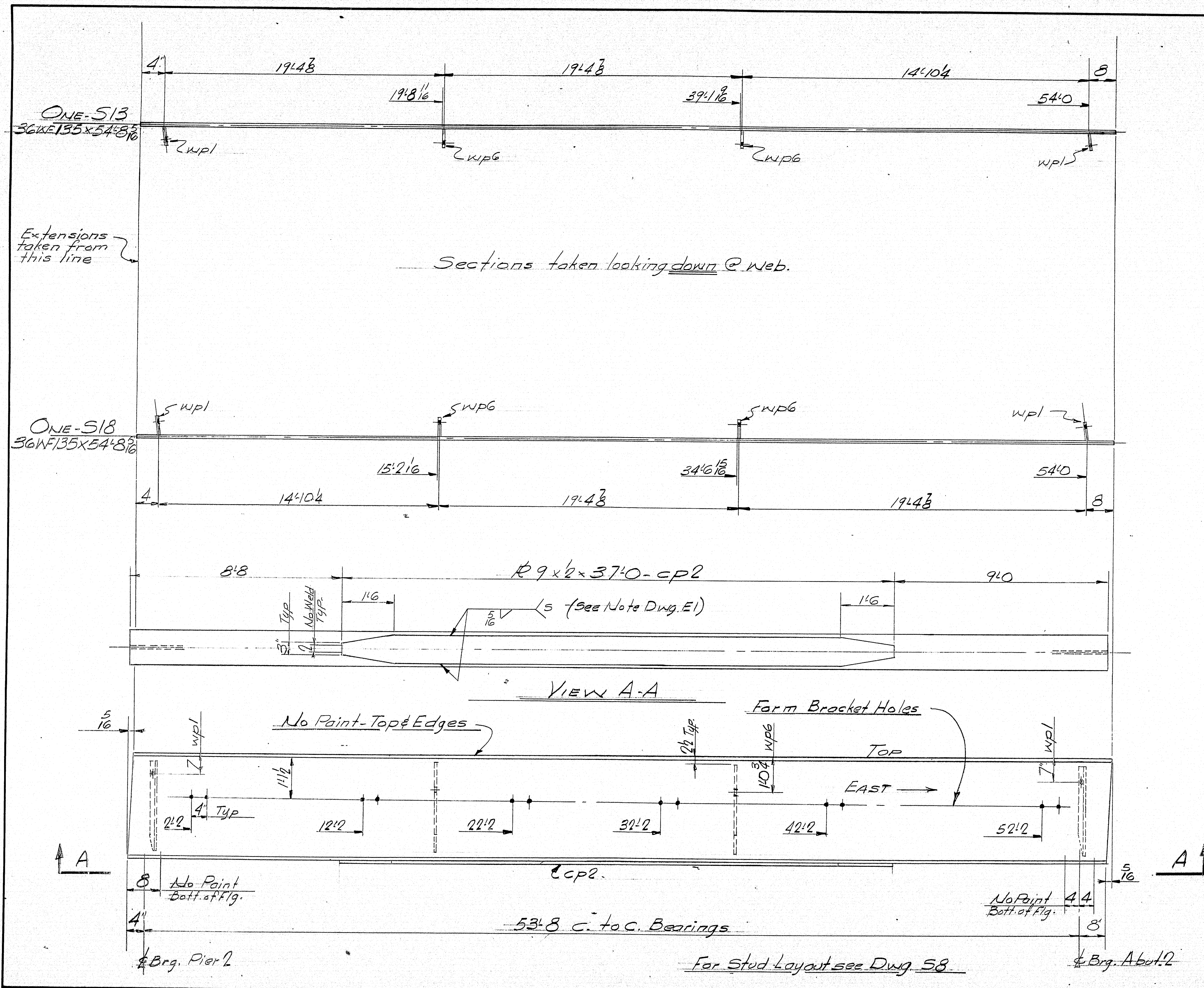
ORDER NO. VERBAL

DWG. NO. 65-68-53

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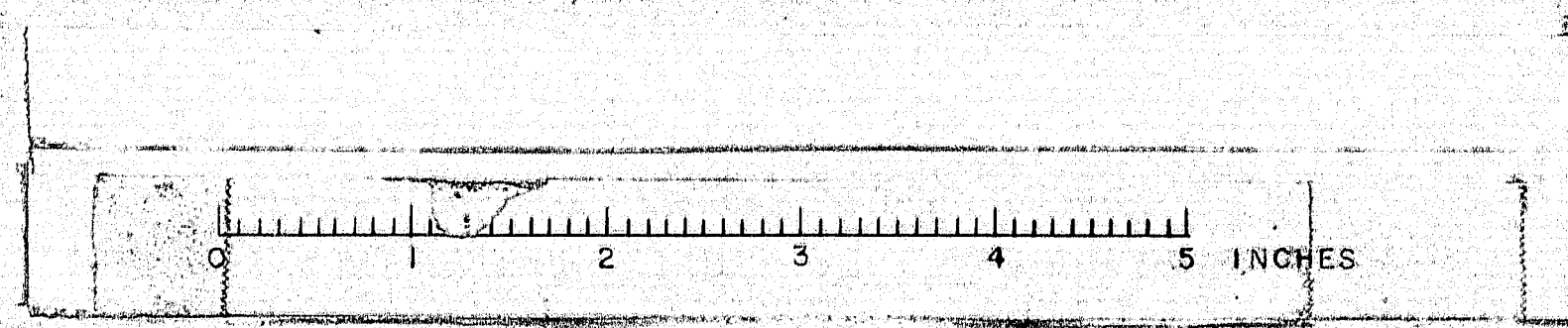
SHIP		BILL OF MATERIAL				DWG. NO. 65-68-56
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
S13	1		36WF135	54'8 3/8"		
S18	1		Do	54'8 3/8"		
	2	cp2	R 9 x 1/2	37'0"		
	4	WPL	Bar 6 x 3	2'7"		
	4	WPG	Do	2'7"		
FIELD 26			5" CORR. BOLTS	0'14"		W/ NUTS
			616 SHAPES	0'5"		ITEM 705-17
A.S.T.M. Spec. A36						
ITEM 702-103.1-Except as Noted.						

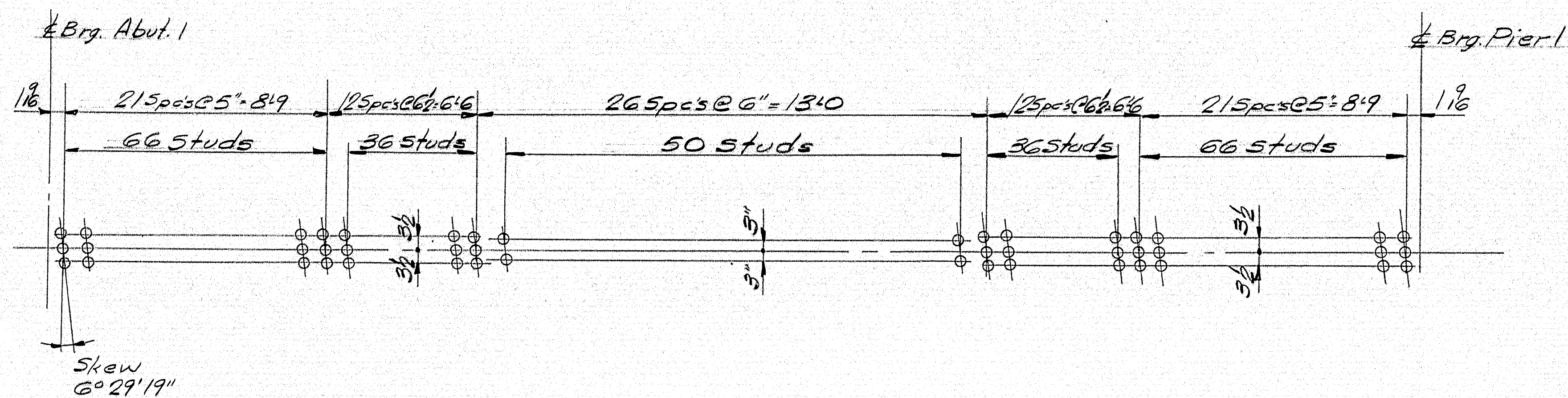
SHOP CONNECTIONS: Welded
 FIELD CONNECTIONS: Welded-Bolted
 HOLES: 1/2" dia.
 PAINT: Red Lead per Maine Specs.
 & As Noted.
 Prov. No. E-95-9(13)

APR 8-11-65		STRINGERS-SPAN 3	
		Bancroft & Martin Inc. South Portland 7, Maine	
		I-95 OVER BARRIARD OAKFIELD, MAINE	
		CUSTOMER THOMAS DICENZO	
		DESIGNER MAINE S.H.C. BRIDGE CO.	
		ORDER NO. VERBAL	
		DWG. NO. 65-68-56	

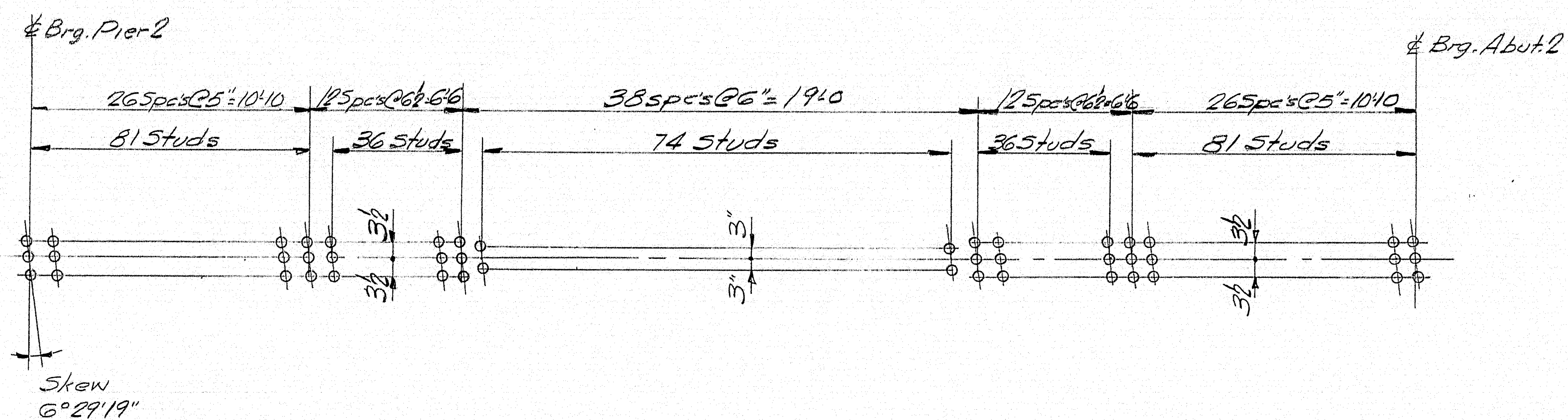
DRAWN	6-29-65	J.R.F.
REVISION		
REVISION		
REVISION		

98-124

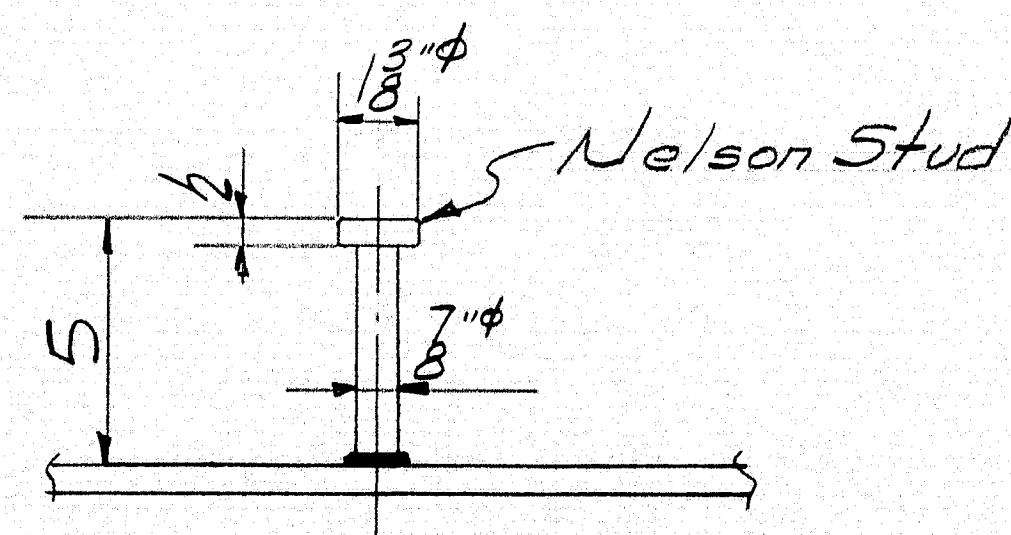




STUD LAYOUT - SPAN 1
3" x 5" Studs 1524 Req'd.
254 per Stringer



STUD LAYOUT - SPAN 3
3" x 5" Studs - 1848 Req'd.
308 per Stringer



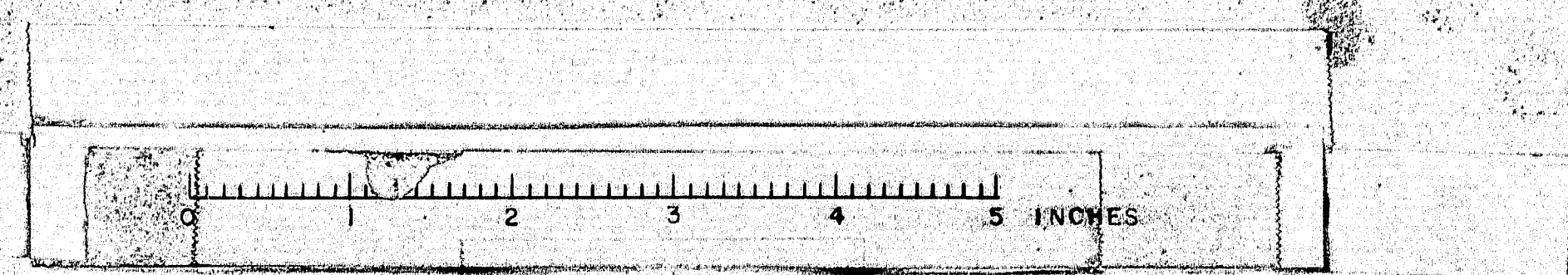
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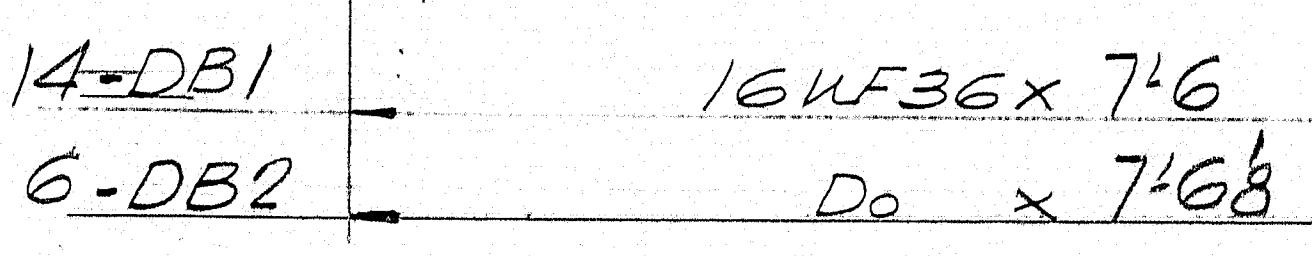
APP 8-11-65

PROJ No. I-95-9(13)	
STUD LAYOUT	
Bancroft & Martin Inc. South Portland 7, Maine	
I-95 OVER BARRYARDS OAKFIELD, MAINE	
CUSTOMER	THOMAS DICENZO
DESIGNER	MAINE S. H. C. BRIDGED INC.
ORDER NO.	VERBAL
DWG. NO.	65-68-58

DRAWN	6-30-65 J.P.F.
REVISION	
REVISION	
REVISION	

98-126





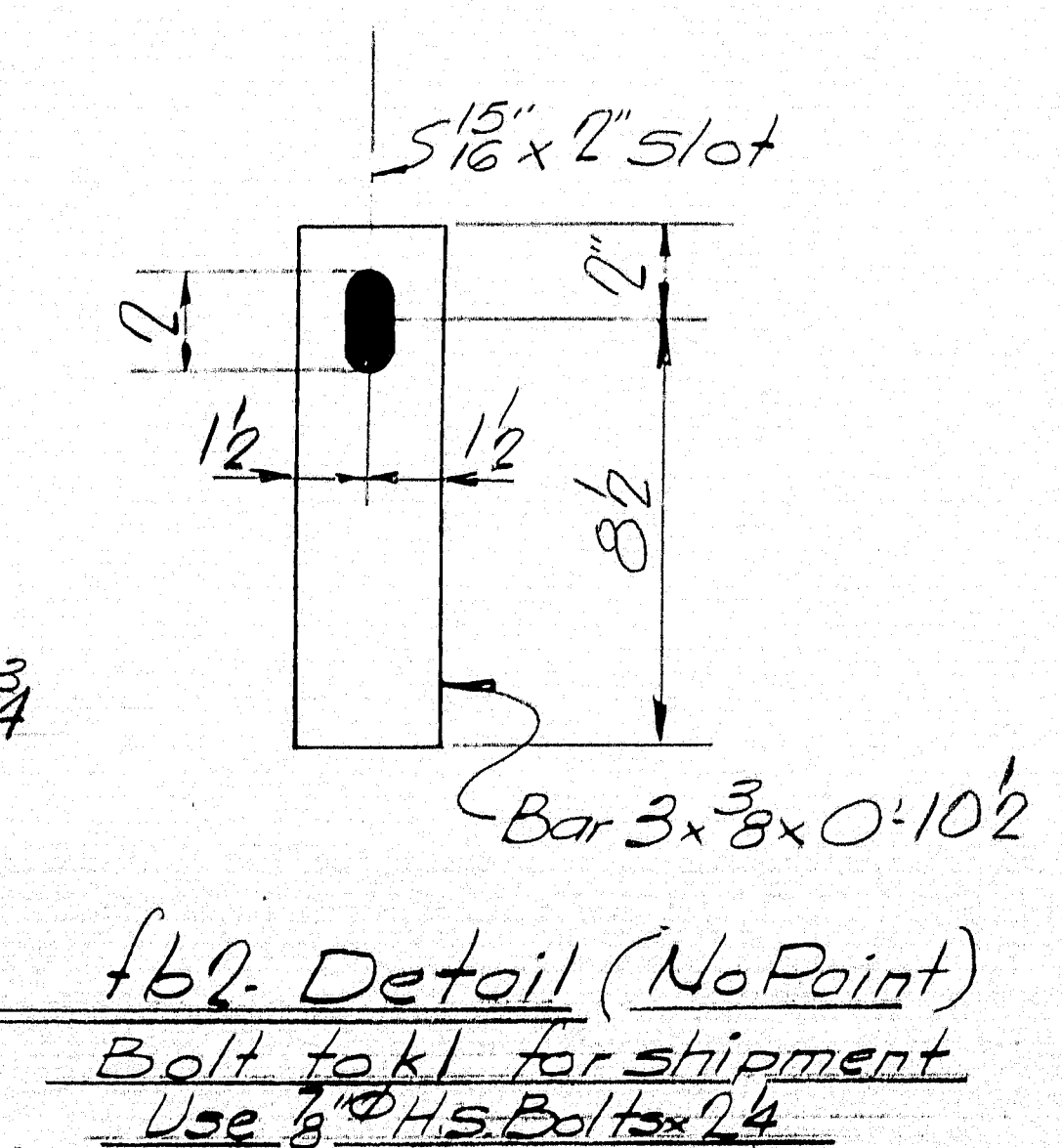
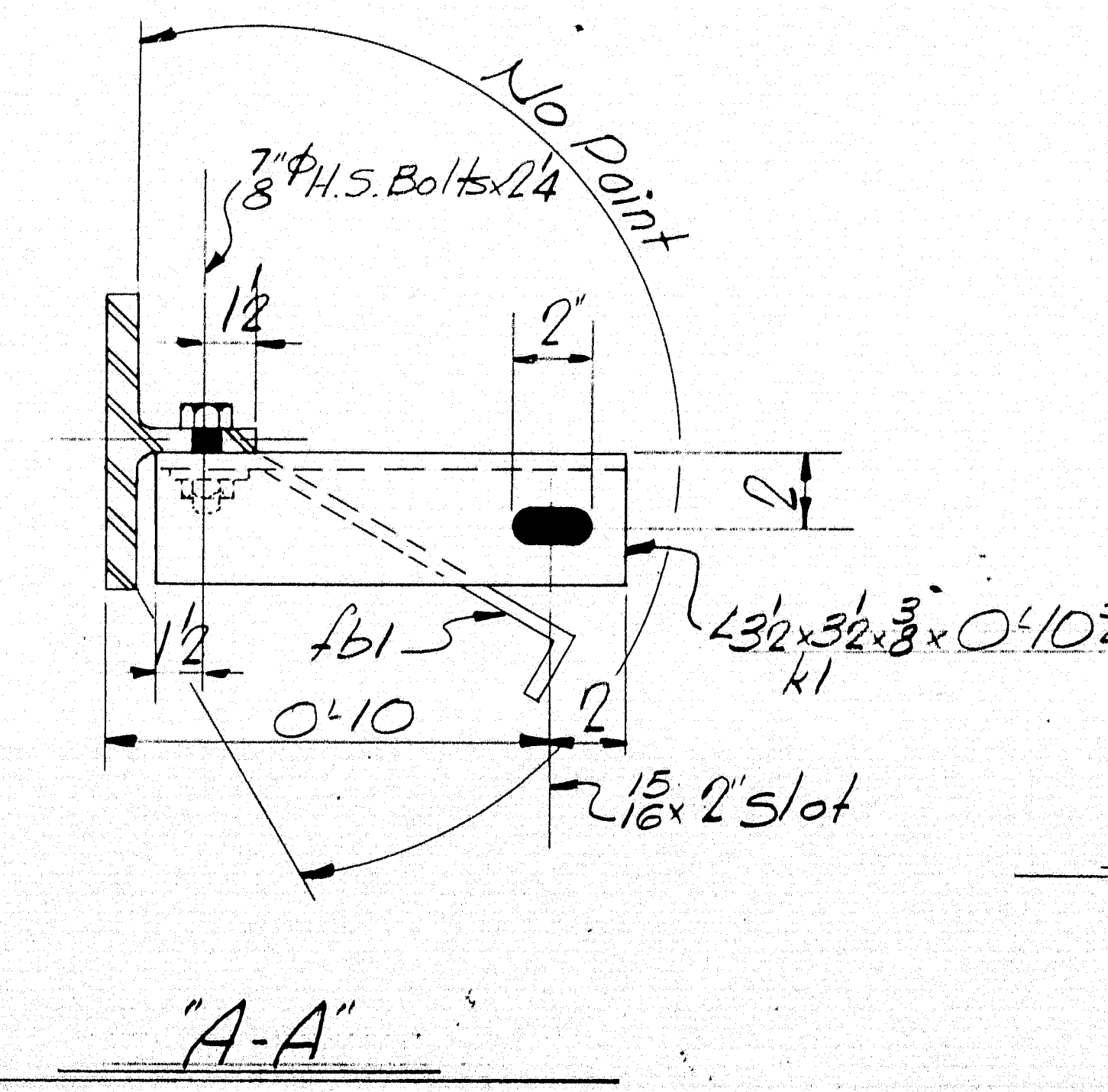
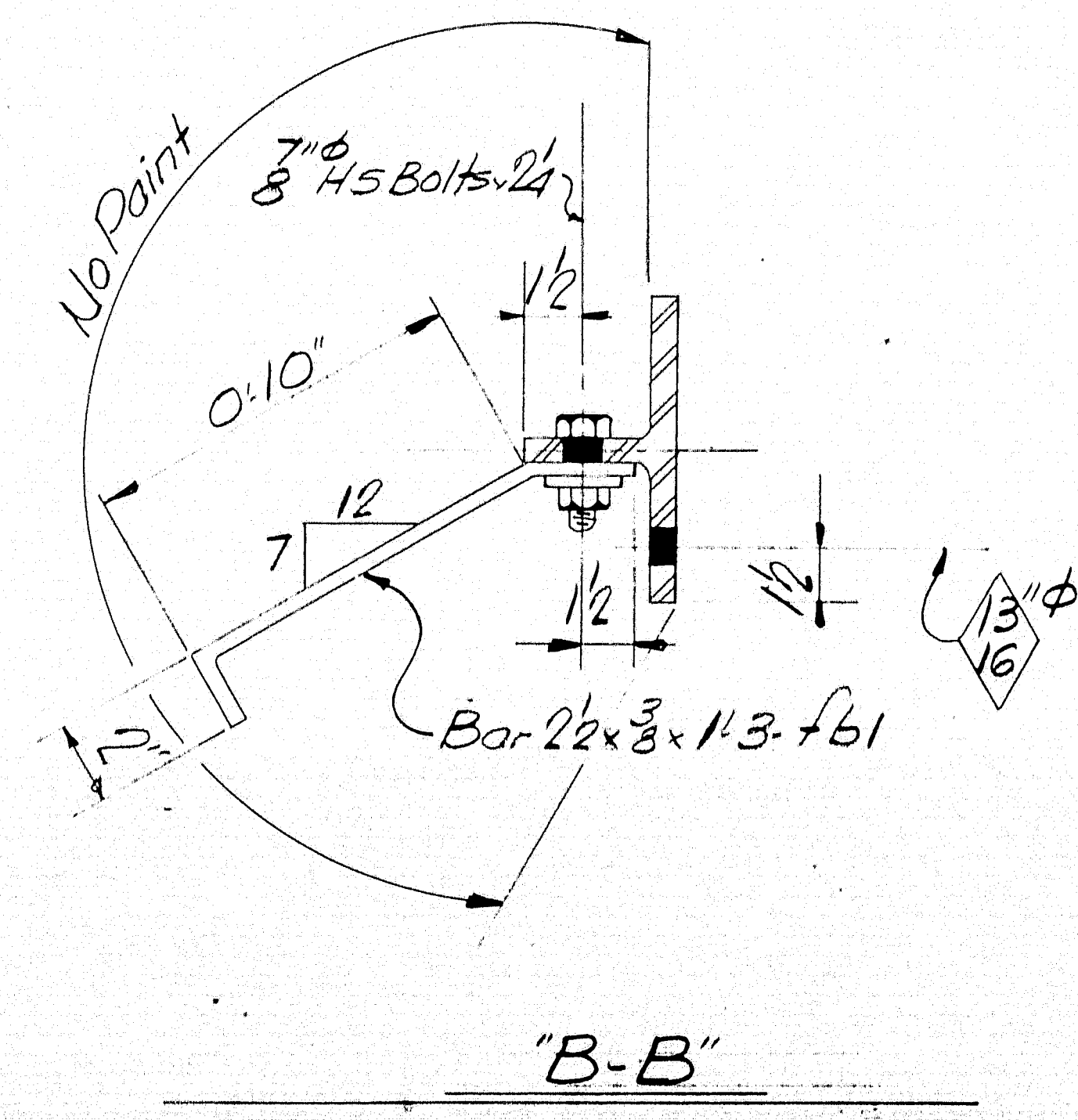
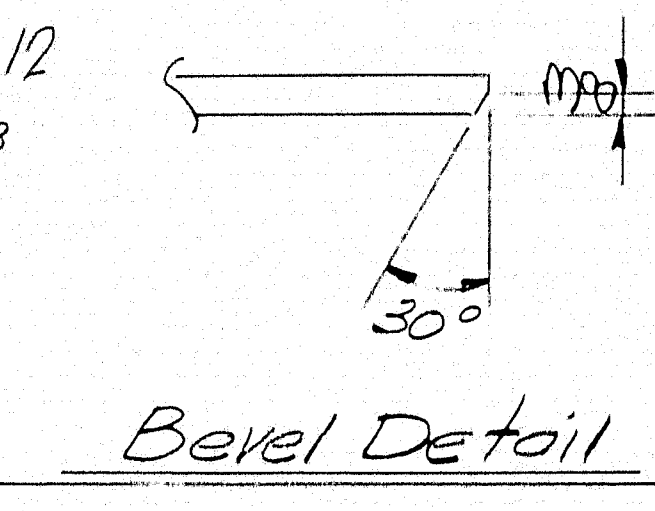
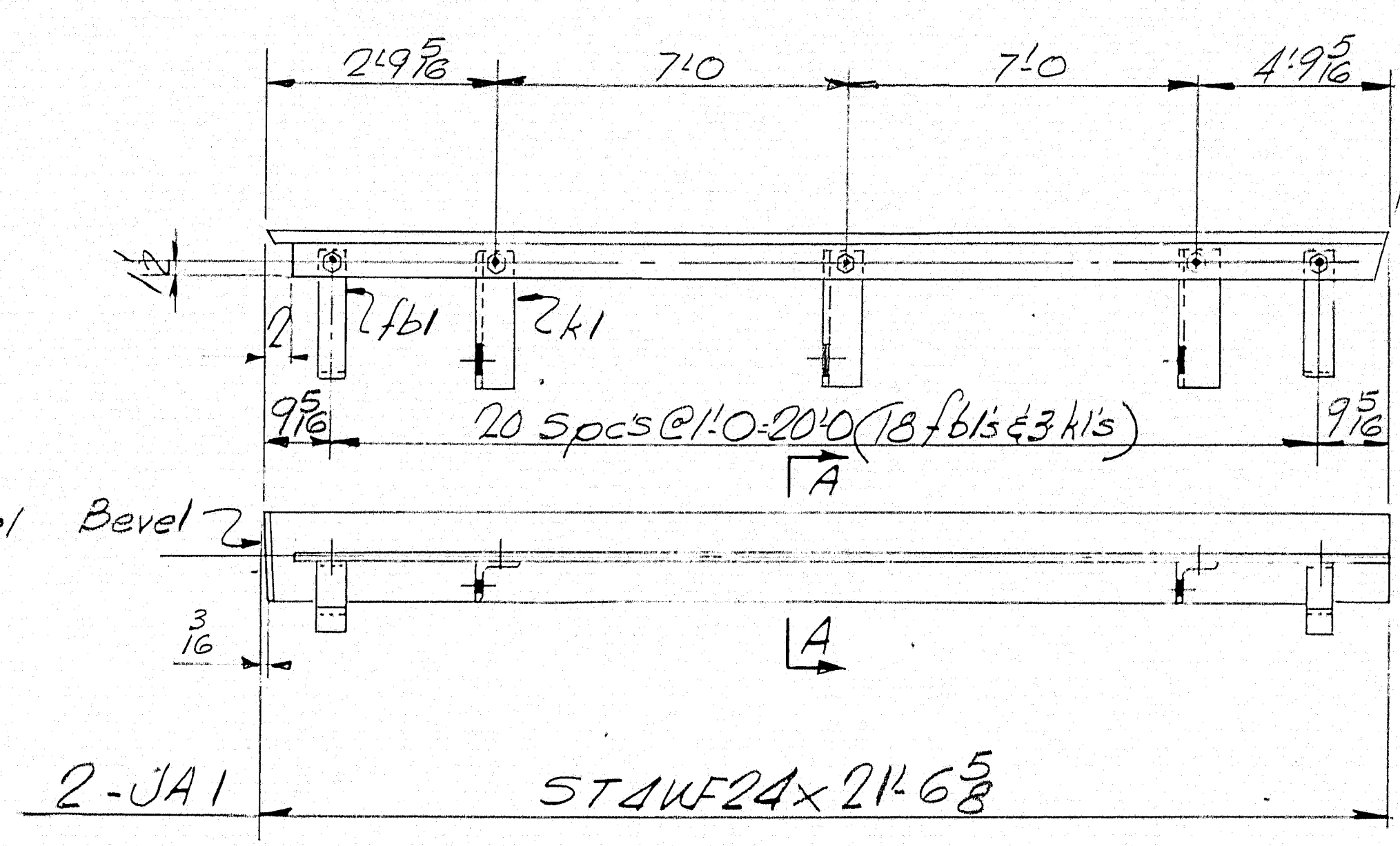
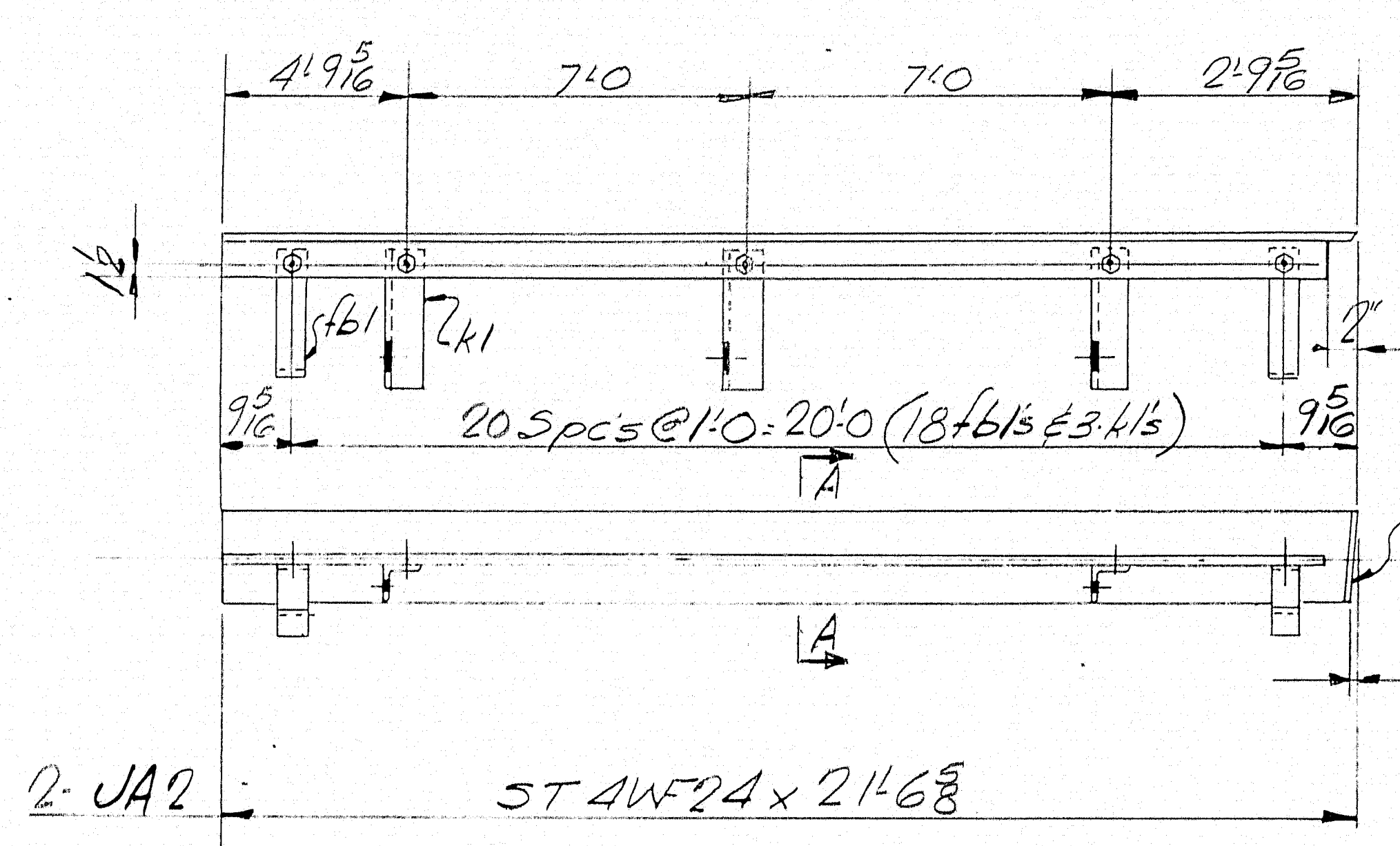
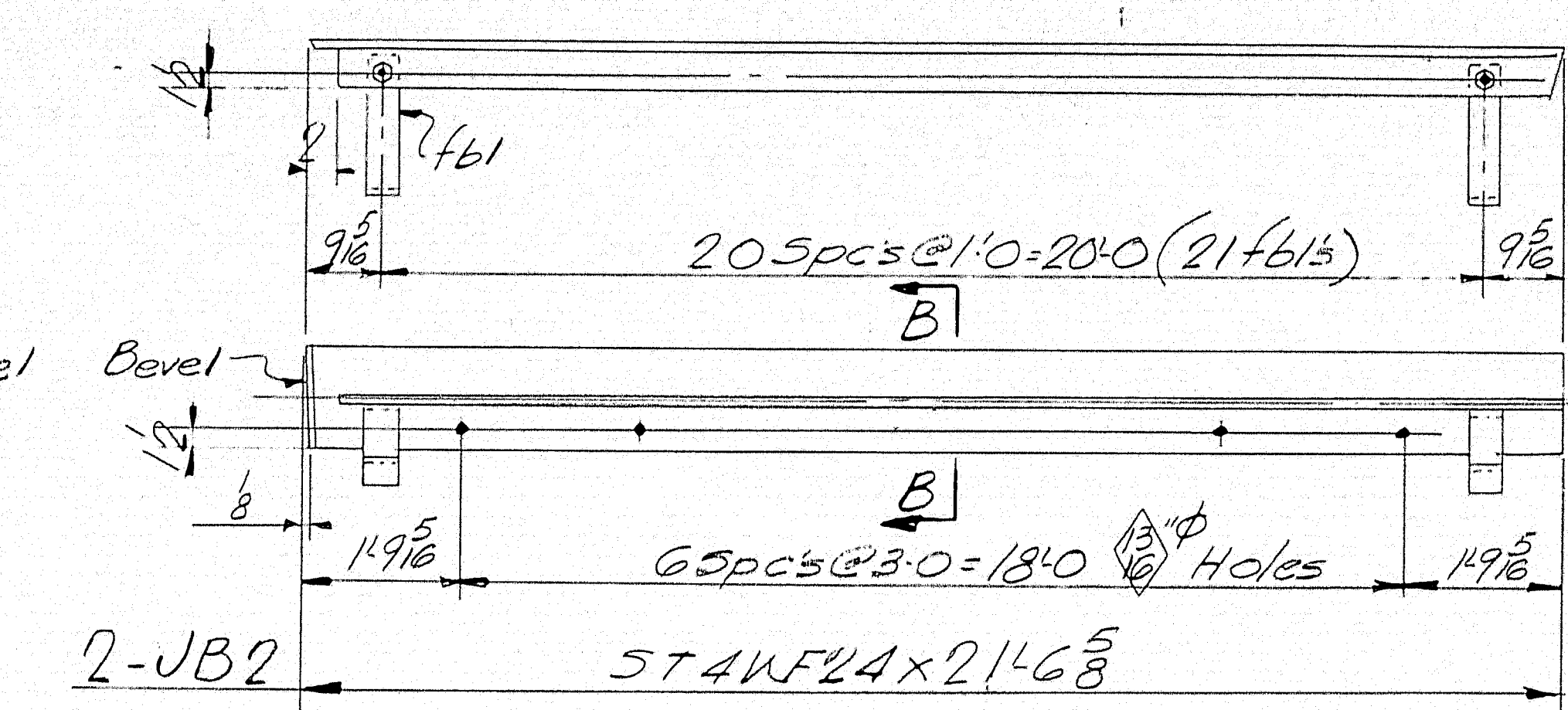
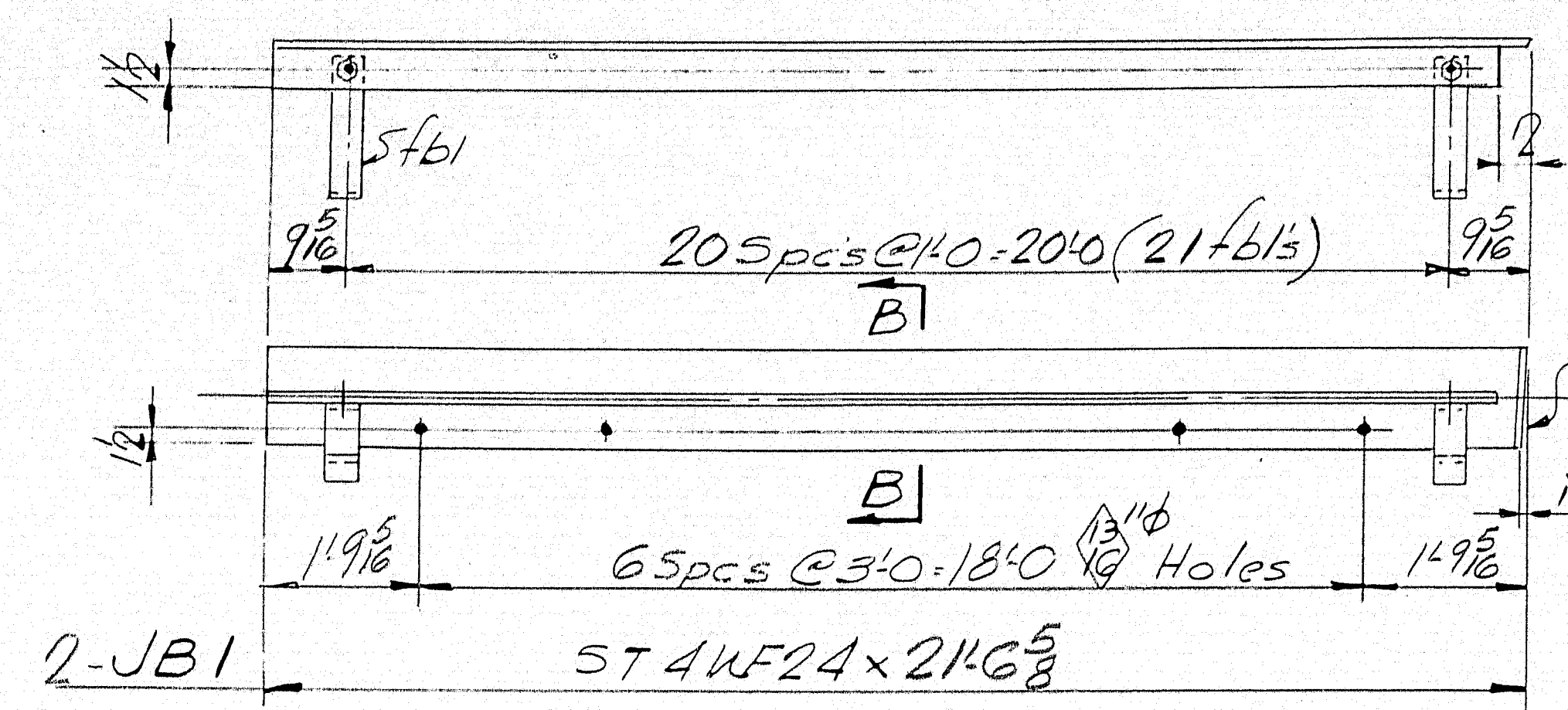
A.S.T.M. Desig A36

ITEM 702-103.1

422.8-11-65

ORDER NO. <u>VERBAL</u>	DWG. NO. <u>65-68-59</u>
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SHIP		BILL OF MATERIAL				DWG. NO. 65-68-510
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
JB1	2		ST 4WF24	21' 6 3/8"		
JB2	2		Do	21' 6 3/8"		
JA1	2		Do	21' 6 3/8"		
JA2	2		Do	21' 6 3/8"		
	150	f61	Bar 2 1/2 x 3/8	1	3	
	12	f62	Bar 3 x 3/8	0	10 1/2	
	12	k1	3/2 x 3/8	0	10 3/4	
	180	SHIP	7" H.S. Bolts	0	24	
	180	Do	2" HARD 3 WASHERS	0		

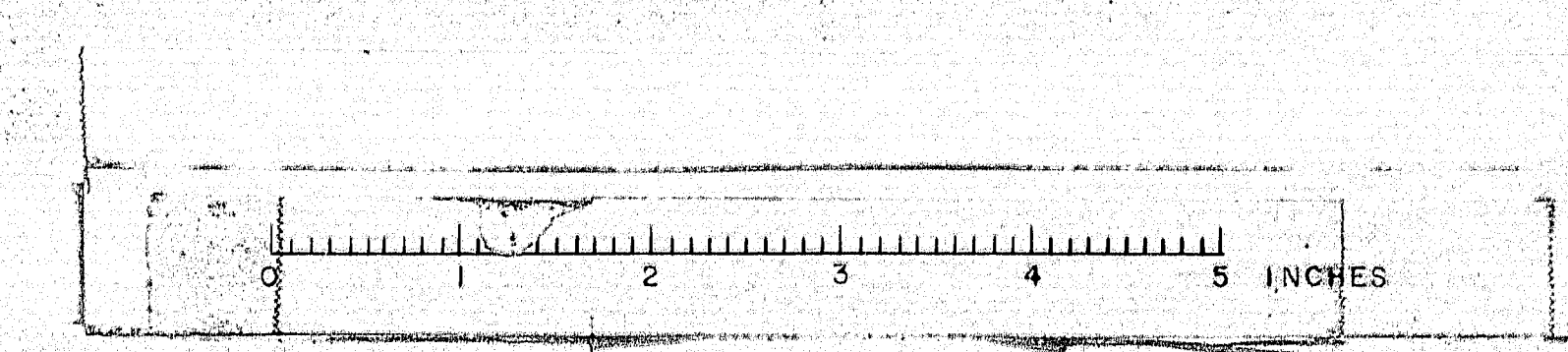
Proj. No. 7-95-4(13)
A.S.T.M. Desig. A36

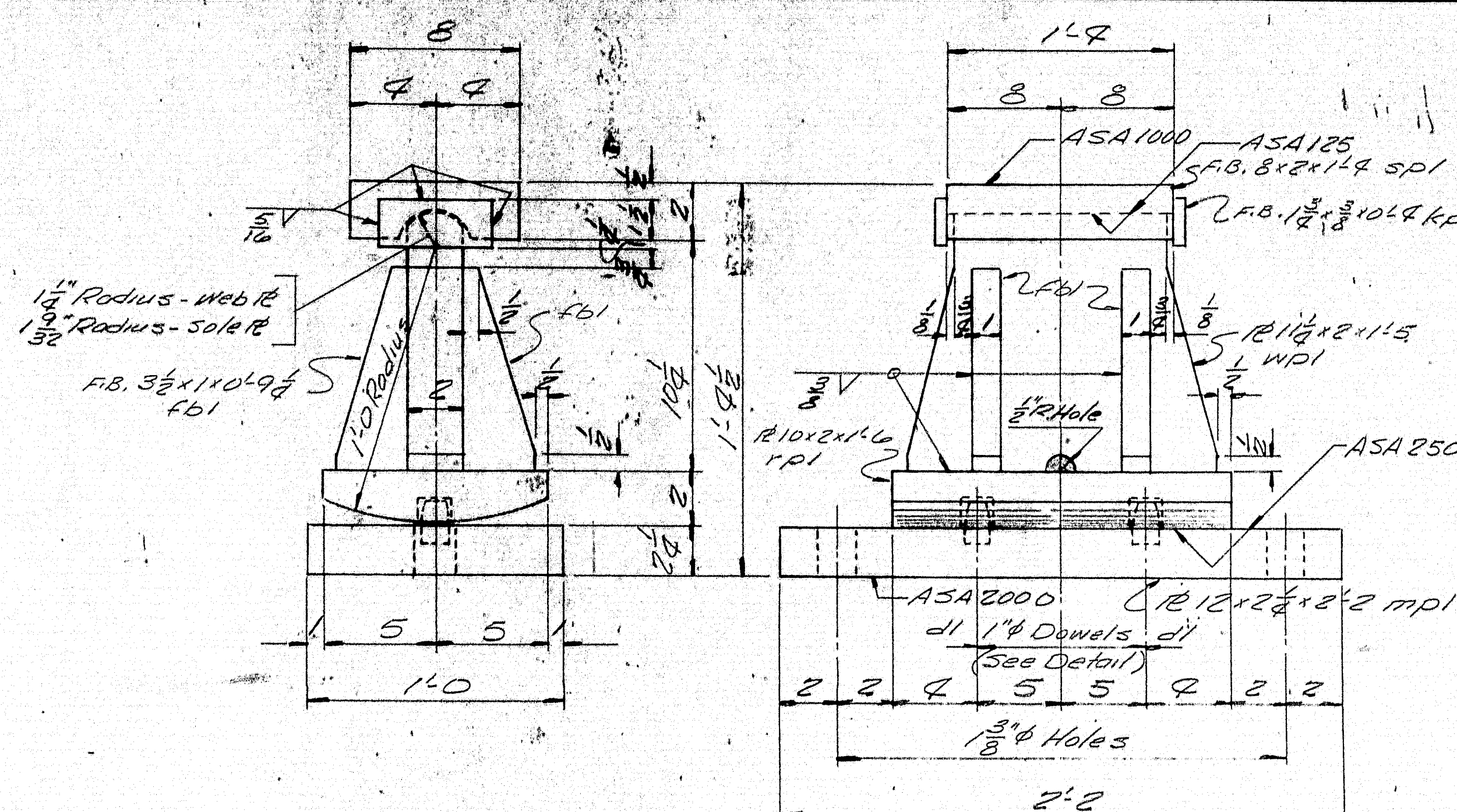
SHOP CONNECTIONS: Bolted
FIELD CONNECTIONS: Welded
HOLES: 1/2" unless noted
PAINT: Red lead per Maine Specs

APP. 8-30-65	SPANS 1 & 3	
	ARMORED JOINTS	
	Bancroft & Martin Inc.	
	South Portland 7, Maine	
	I-95 OVER BARR. YARDS OAKFIELD, MAINE	
CUSTOMER THOMAS DISENZO		
DESIGNER MAINE S.H.C. BRIDGE DIV.		
ORDER NO. VERBAL		DWG. NO. 65-68-510

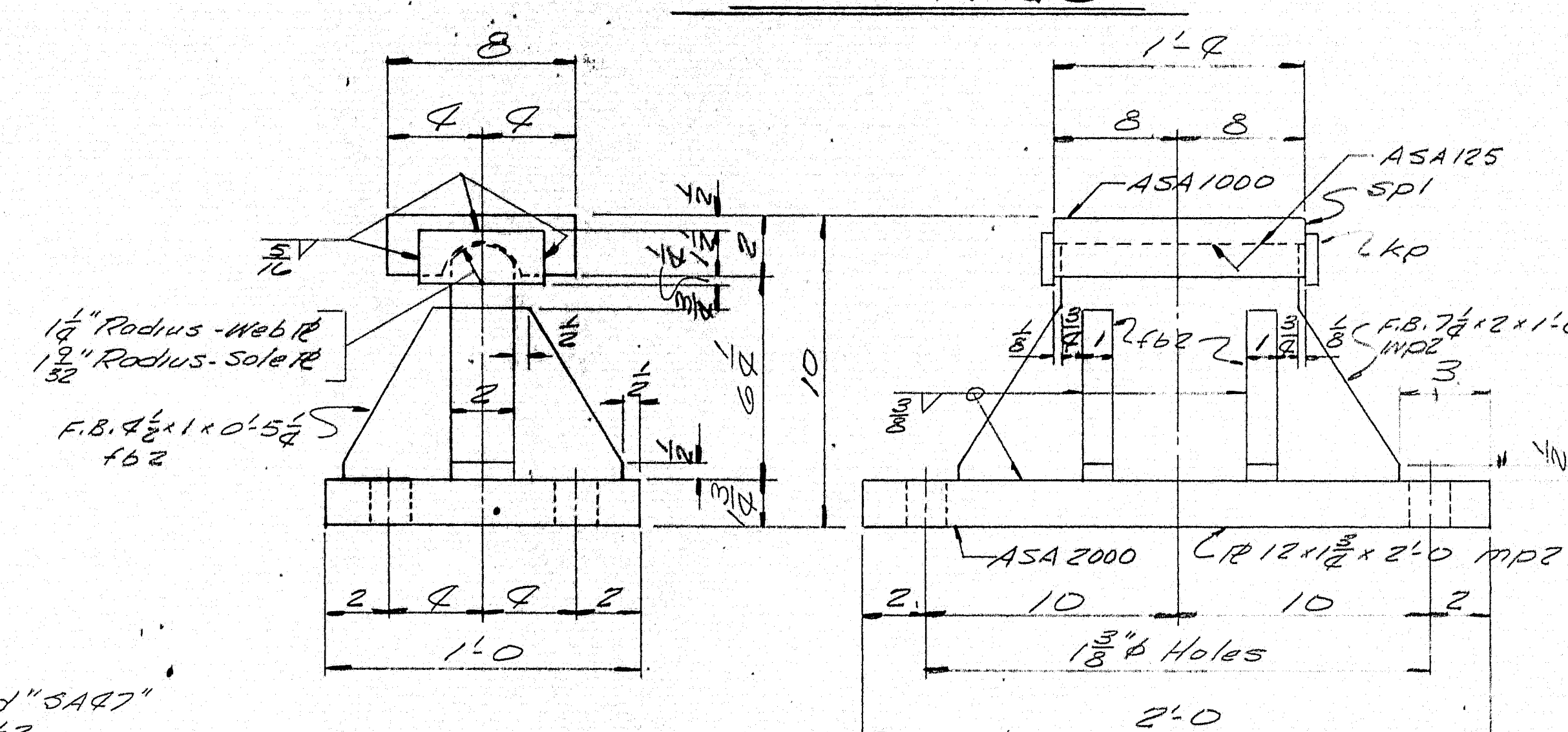
DRAWN	827-65 J.P.P.
REVISION	
REVISION	
REVISION	

98-128

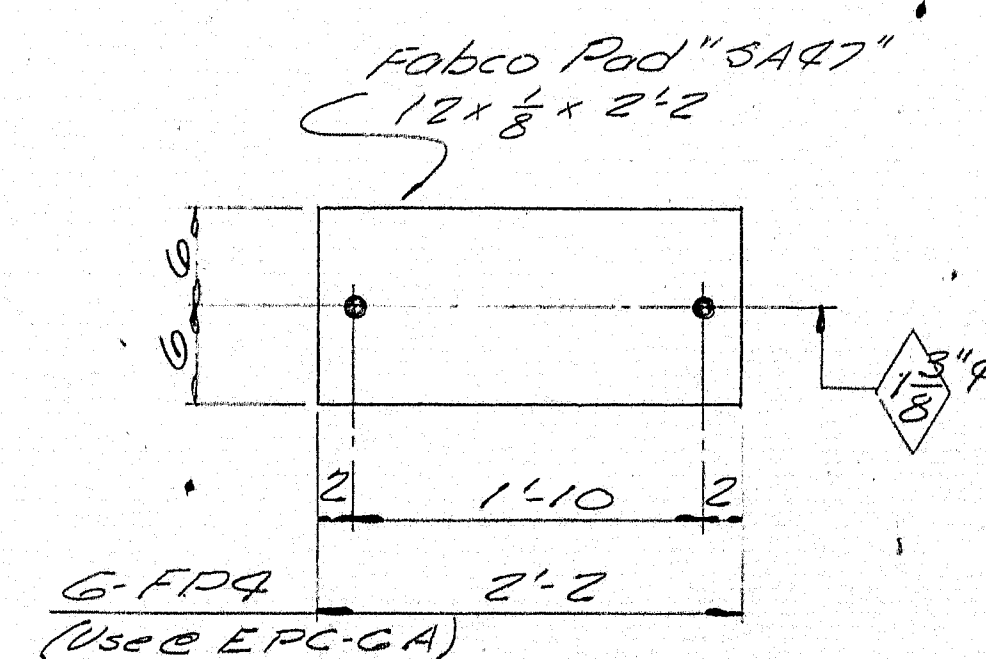
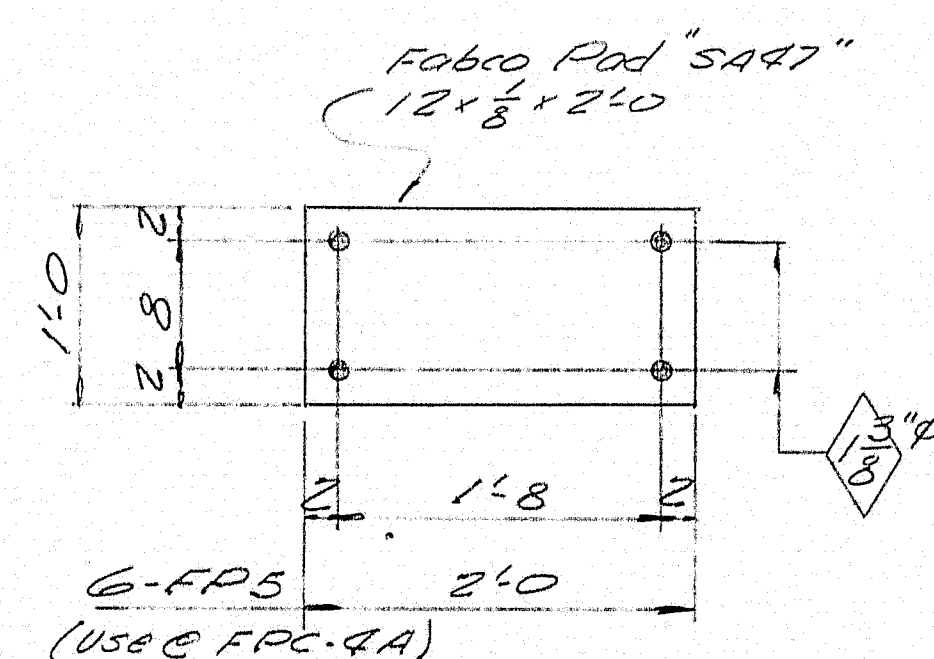




EXPANSION PEDESTAL EPC-6A
6" REQ'D.

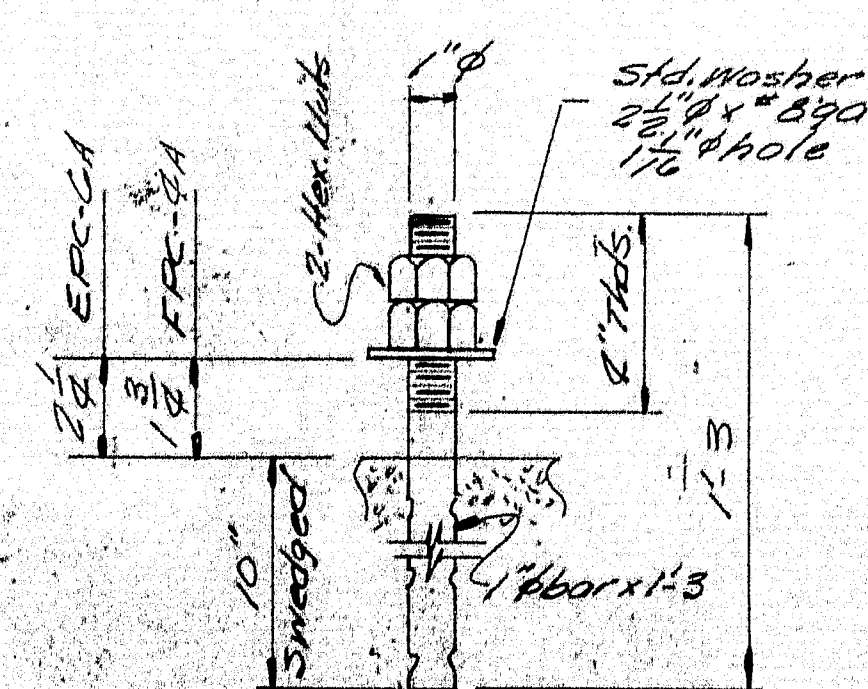


FIXED PEDESTAL FPC-4A
6" REQ'D.

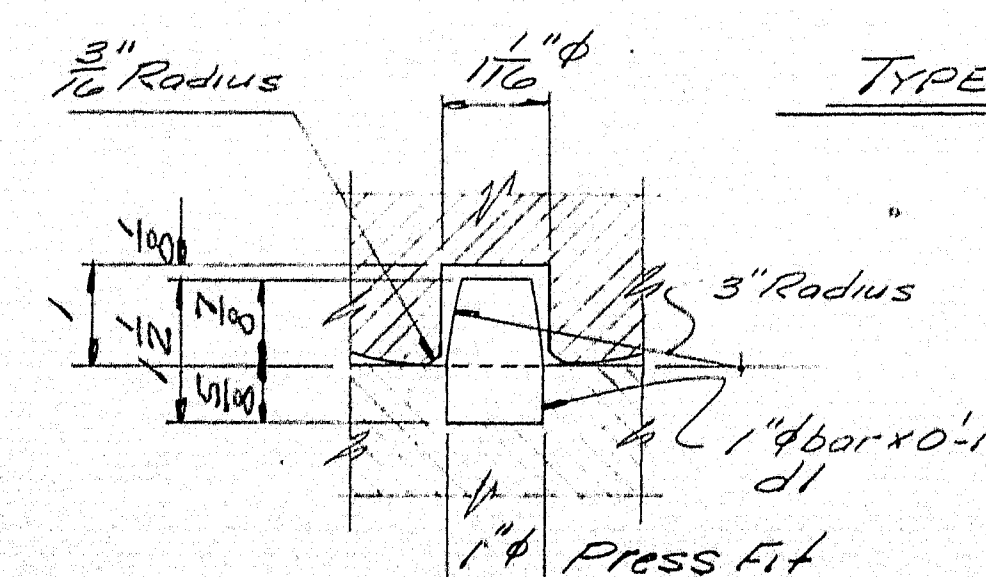


PAINT NOTE:

No paint on top of sole plates "sp"
and 1" down from top on sides, coat
with boiled linseed oil.
No paint on surface with ASA125 finish,
coat with mixture of white lead and tallow.
No paint on Anchor Bolts - Oil tlds.

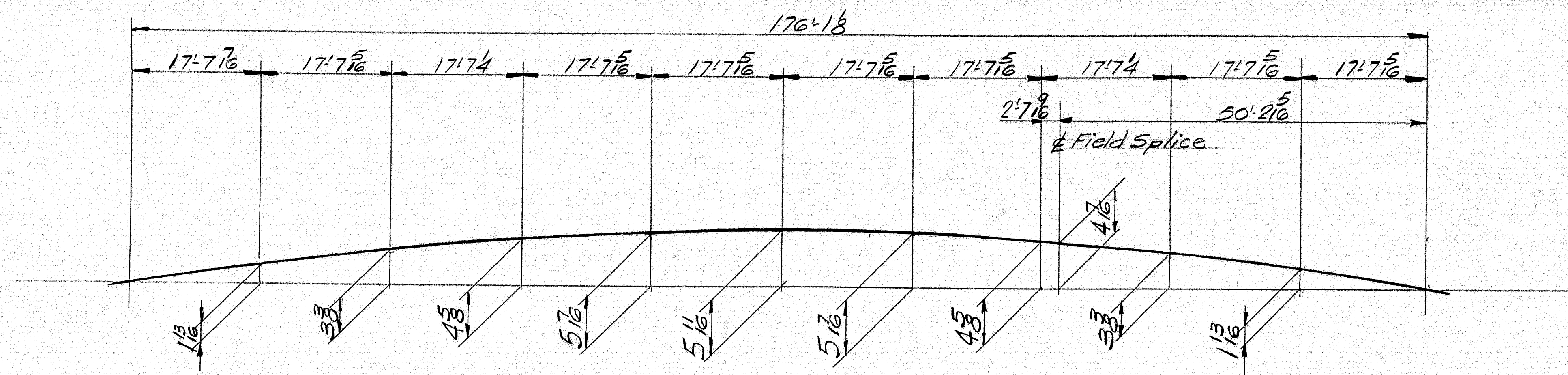


ANCHOR BOLT - ABI
3/8" REQ'D.

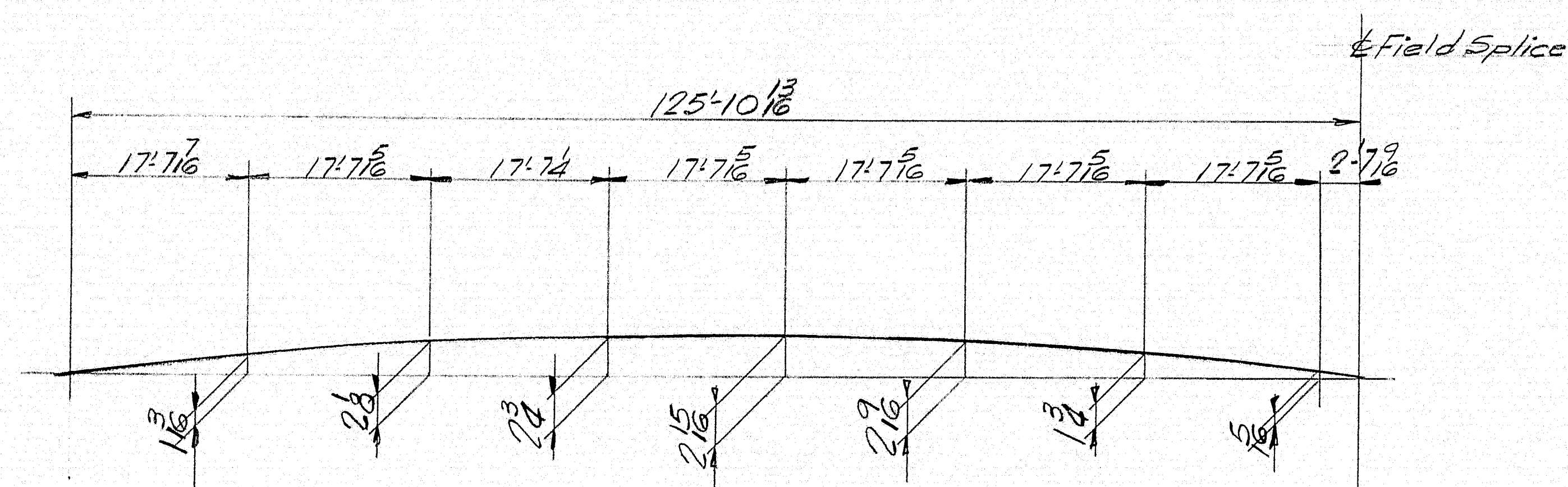


DOWEL DETAIL

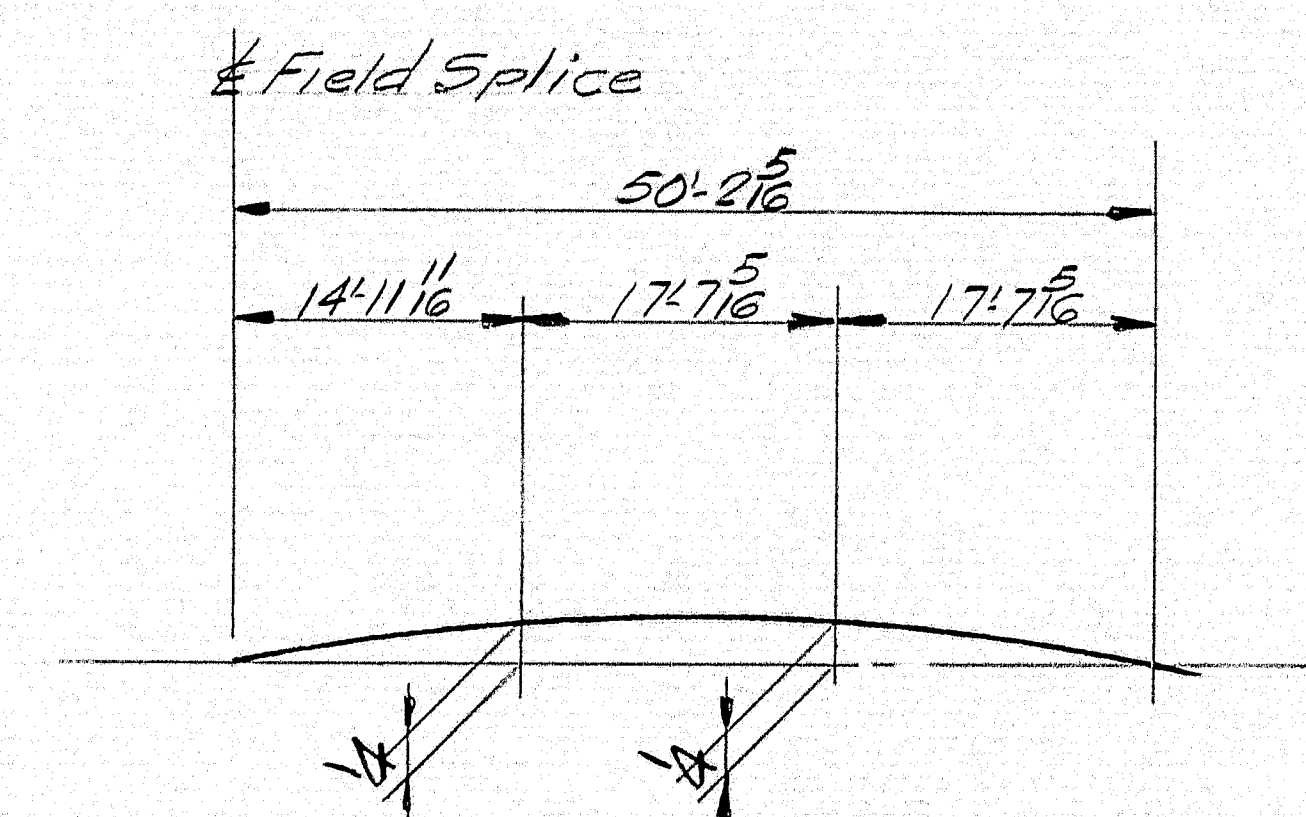
SHIP		BILL OF MATERIAL				DWG. NO. 65-68-S11
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
EPC-6A	6		EXPANSION PEDESTAL ASS'Y.			
	6	mpi	12x12x2	2	2	
	6	mpi	12x12x2	1	6	
	6	mpi	12x12x2	1	5	
	6	spi	F.B. 3/4 x 2	1	2	
	12	kp	F.B. 1 1/2 x 1 1/2	0	2	
	24	fbi	F.B. 3/4 x 1	0	9 1/2	
	12	d1	1" bar	0	1 1/2	
FPC-4A	6		FIXED PEDESTAL ASS'Y.			
	6	mpi	12x12x2	2	0	
	6	mpi	F.B. 7/8 x 2	1	6	
	6	spi	F.B. 3/4 x 2	1	2	
	12	kp	F.B. 1 1/2 x 1 1/2	0	2	
	24	fb2	F.B. 3/4 x 1	0	5 1/2	
ABI	36		1" bar	1	3	
	72	shop	1" bar			
Field	36		1" washer			2 1/2" x 1 1/2" x 3/4" hole
FPA	6		pad 12x12	2	2	Fobco Pad "S497"
FPS	6		pad 12x12	2	0	Do Do
						Reg. No. 8078
ITEM 703-103.2						
PROJECT NO. 1-95-9(13)						
Allowance to be made for Machining						
when cutting above plates.						
Sole plates "sp" must be welded to stringers.						
Bearing Material to be ASTM A36. Anchor bolts						
to be A7, A36, or A507.						
All welds to be made with E70 Electrodes.						
SHOP CONNECTIONS: Welded						
FIELD CONNECTIONS:						
HOLES: As Noted						
PAINT: Red lead per M.S.H.C. Spec.						
and as noted.						
SEALING LIO 3						
BEARING PEDESTAL DETAILS						
Bancroft & Martin Inc.						
South Portland 7, Maine						
INTERSTATE 95						
OVER B.F.A. R.R. YARDS						
OAKFIELD, MAINE.						
CUSTOMER THOMAS DICENZO						
DESIGNER M.S.H.C. BRIDGE DIV.						
ORD. 8-27-65						
DRAWN 5-27-65 H.L.						
REVISION						
REVISION						
REVISION						
ORDER NO. Verbol						
DWG. NO. 65-68-S11						



CAMBER DIAGRAM - ASSEMBLED GIRDERS



Camber tolerance @ $\pm \frac{3}{8}$ "
GIRDERS 57-58-59-510-511-512



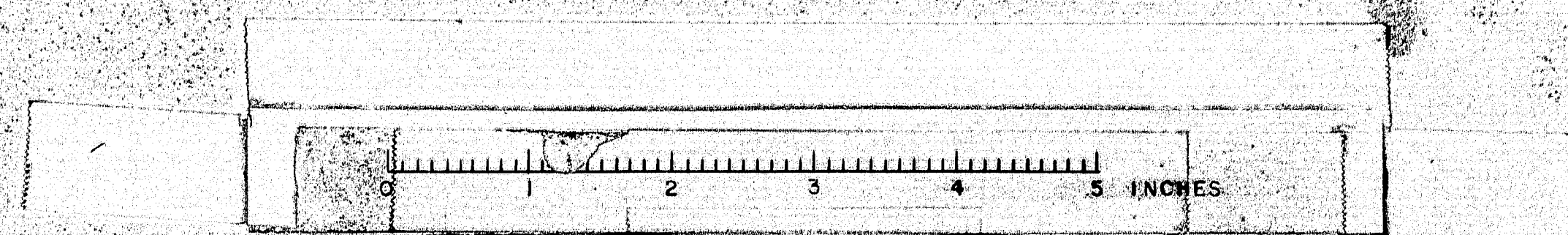
Camber tolerance @ $\pm \frac{3}{8}$ "
GIRDERS 57A-58A-59A-510A-511A-512A

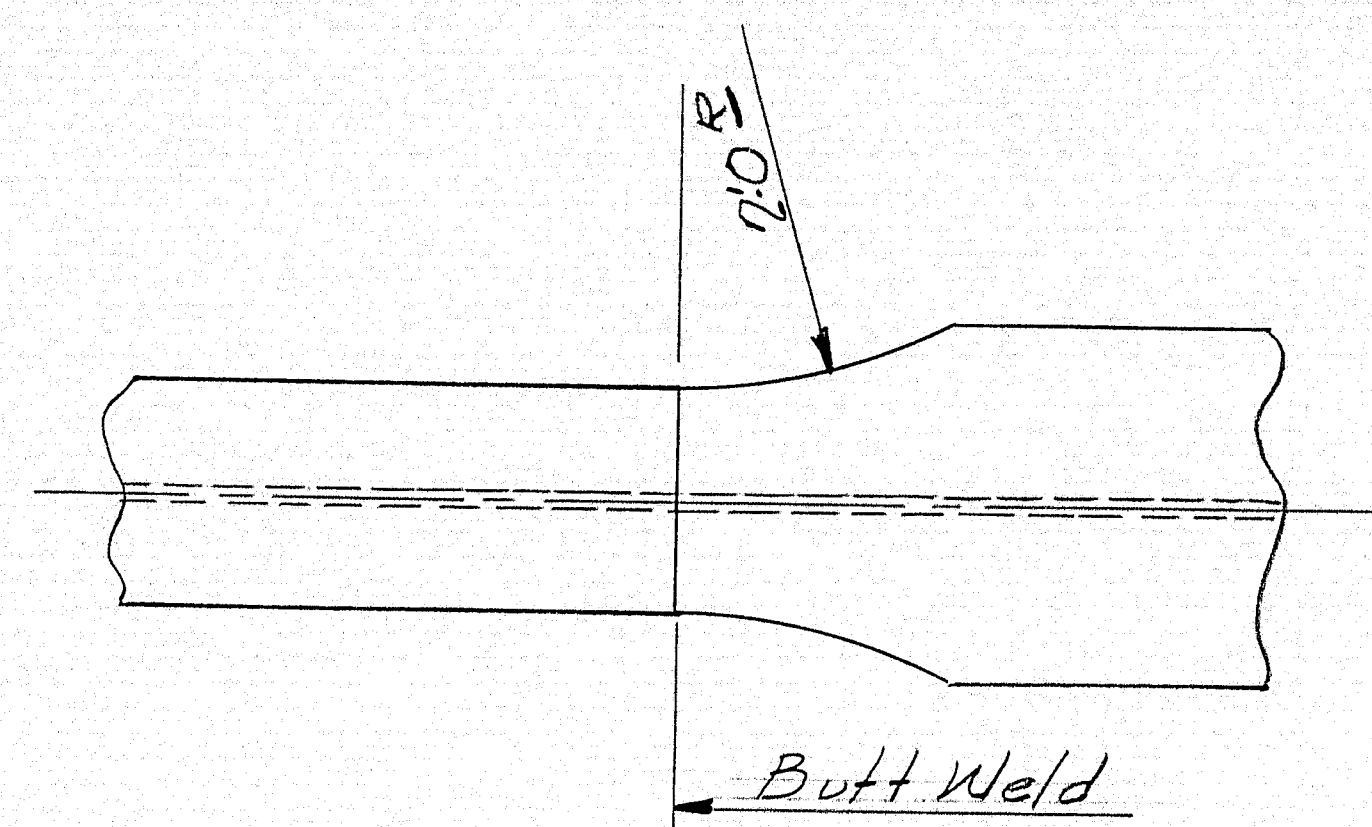
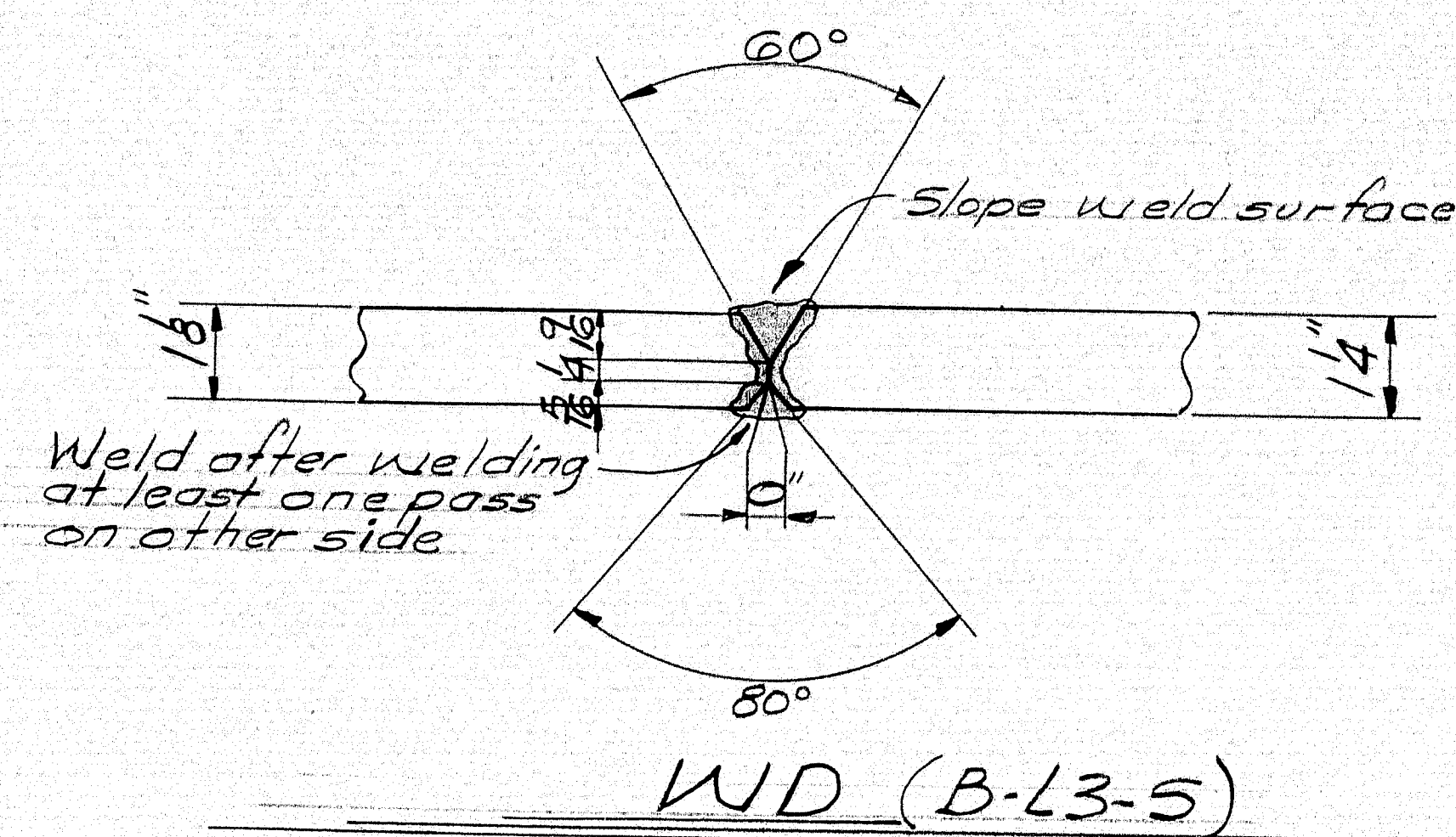
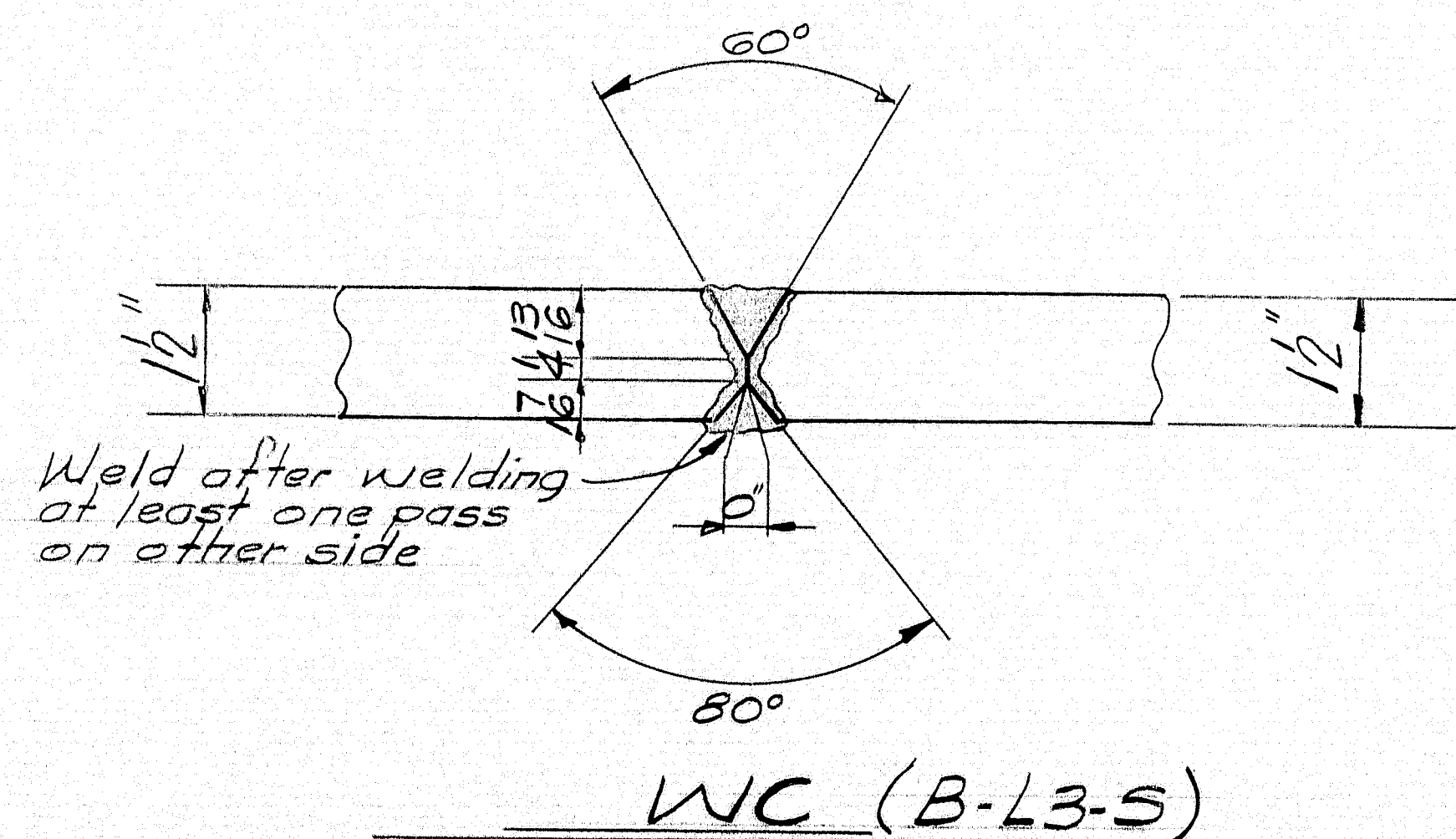
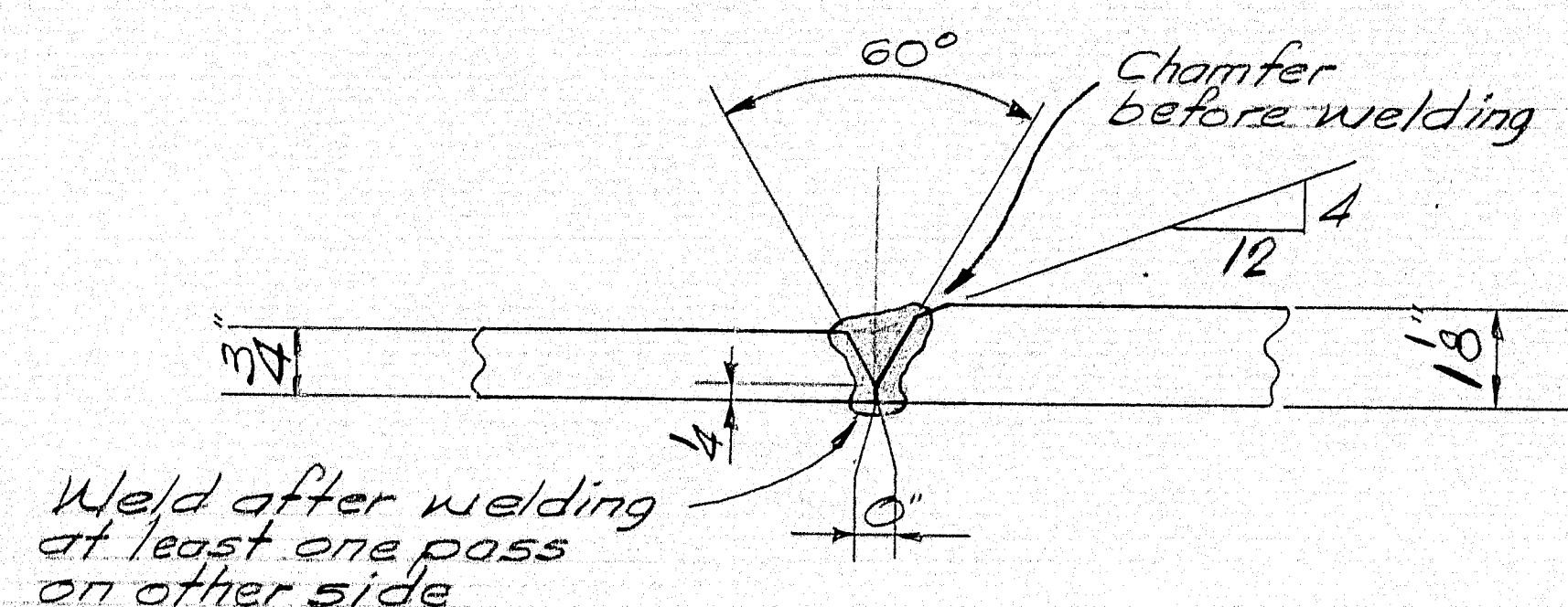
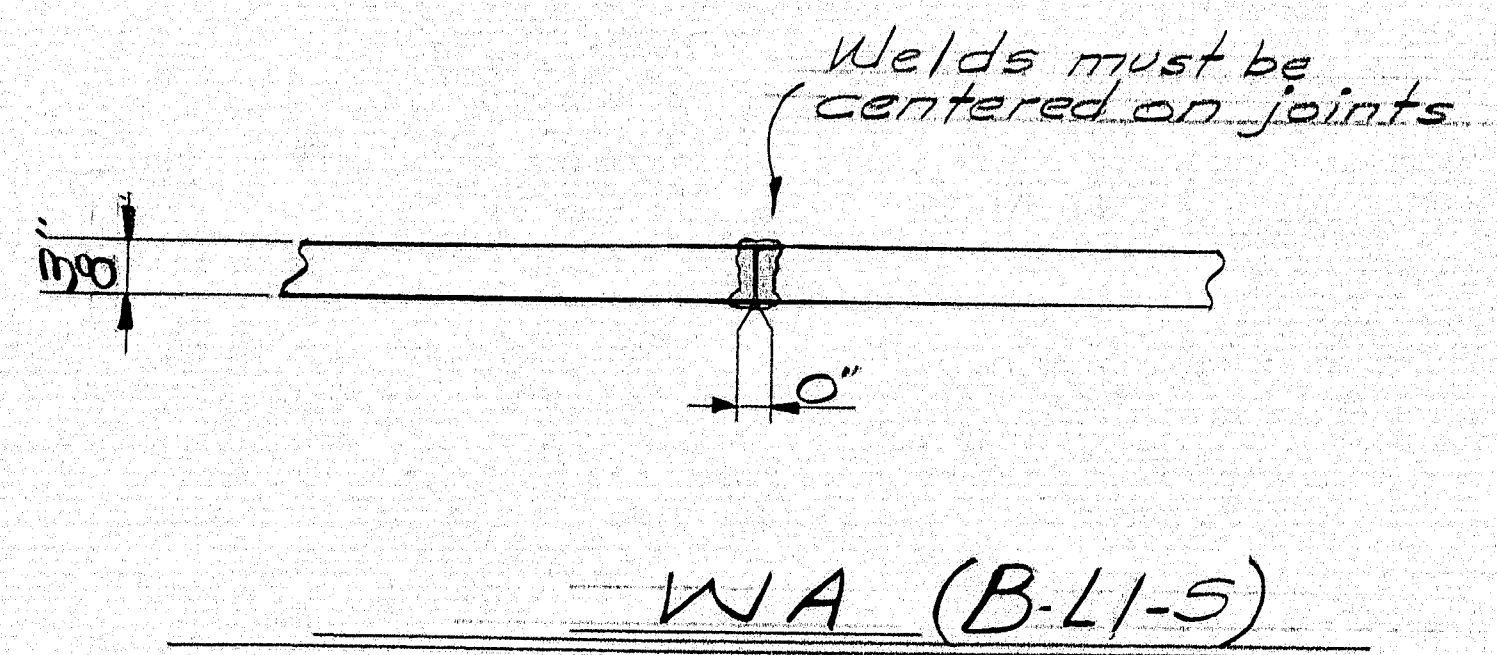
CAMBER DIAGRAMS

Cambers shown are finished cambers.
No allowances shown for shrinkage due to welding.
Holes in field splices of continuous girders are
to be sub-punched (or sub-drilled) and reamed
while assembled in the shop and connecting parts
to be match marked & bolted for shipment.

APP. 11-29-65	Proj. No. I-95-9 (13)	
	CAMBER DIAGRAMS	
	Bancroft & Martin Inc.	
	South Portland 7, Maine	
	I-95 OVER BARRIERS OAKFIELD, MAINE	
DRAWN	10-4-65 J.P.F.	CUSTOMER THOMAS DICENZO
REVISION		DESIGNER MAINE S.H.C. BRIDGE DIV.
REVISION		ORDER NO. VERBAL
REVISION		DWG. NO. 65-68-512

98-130





TRANSITION OF WIDTH (Typical)

WELDING NOTES

- 1) Welds for flange plate & web plate butts - Submerged Arc.
A441 Steel - Linde Air Prod. Co. Unionmelt #36 wire Grade 50 Flux.
A36 Steel - do do do #29 do 50 Flux.
Web to flange fillets - Submerged Arc.
A441 & A36 Steel - Linde Air Prod. Co. Unionmelt #29 wire Grade 50 Flux.
Bearing stiffeners - Submerged Arc.
A441 & A36 Steel - Lincoln Electric Co. #30 L 60 wire - 780 Flux.
- 2) The following non-destructive tests of the welded steel girders will be required:
A - Radiographic testing of shop butt welds.
B - Magnetic particle testing of shop welds, girder webs to flanges & bearing stiffeners to girder webs.
for additional information see supplemental specs & Special Provisions.
- 3) Flanges & webs are to be butt welded & inspected in accordance with the above specifications prior to being fillet welded to each other.
- 4) All butt welds in flange R's & web R's are to be ground flush.

Automatic or semi-automatic arc welding shall be certified by a letter of compliance that the electrode and flux are capable of producing weld metal having properties specified for the applicable base metal.

Proj. No. I-95-9 (13)

WELDING DETAILS

Bancroft & Martin Inc.

South Portland 7, Maine

I-95 OVER BARRYARDS
OAKFIELD, MAINE

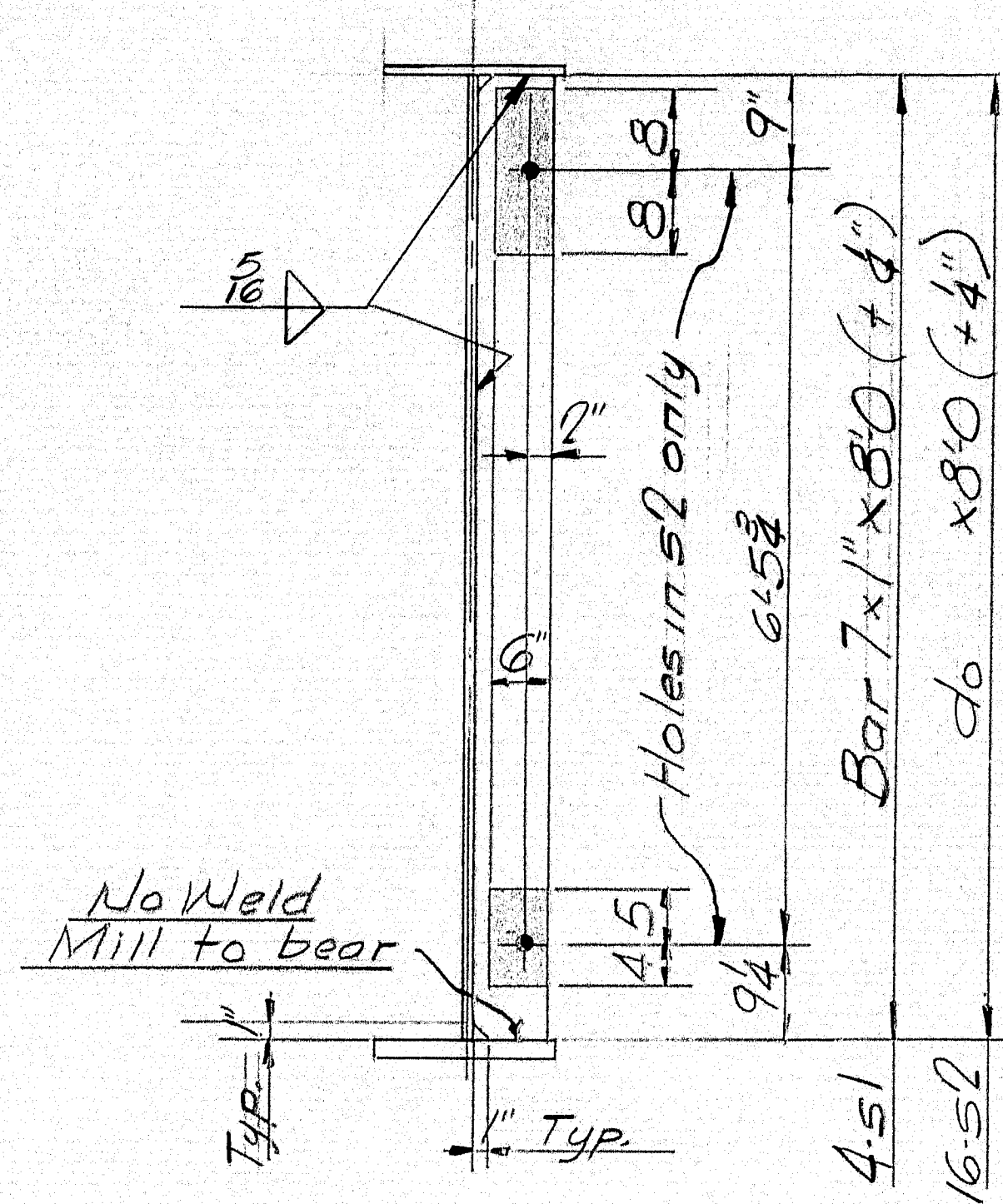
CUSTOMER THOMAS DICENZO

DESIGNER MAINE S.H.C. BRIDGE DIV.

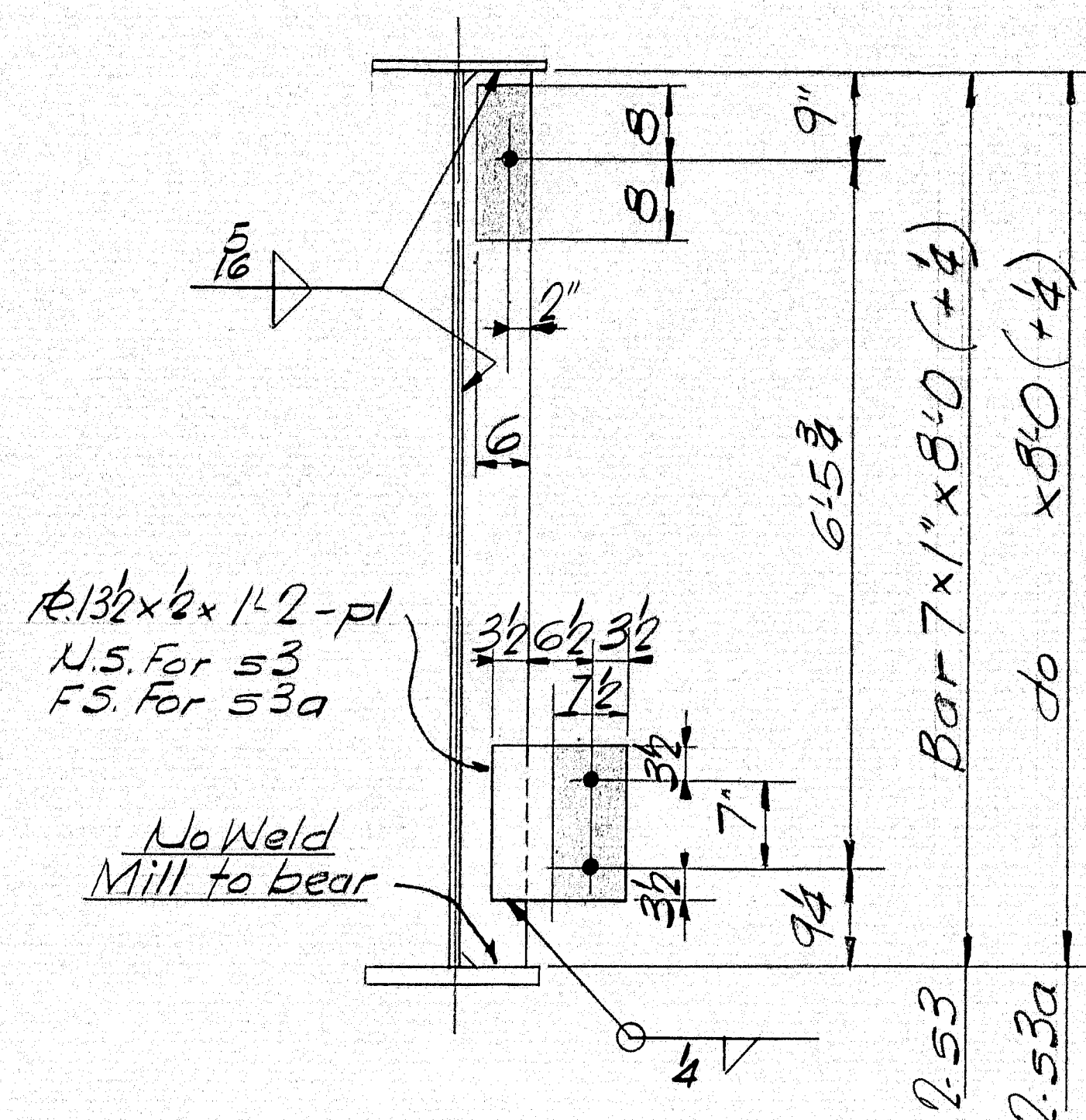
ORDER NO. VERBAL DWG. NO. 6568-513

DRAWN	10-5-65 J.P.F.
REVISION	
REVISION	
REVISION	

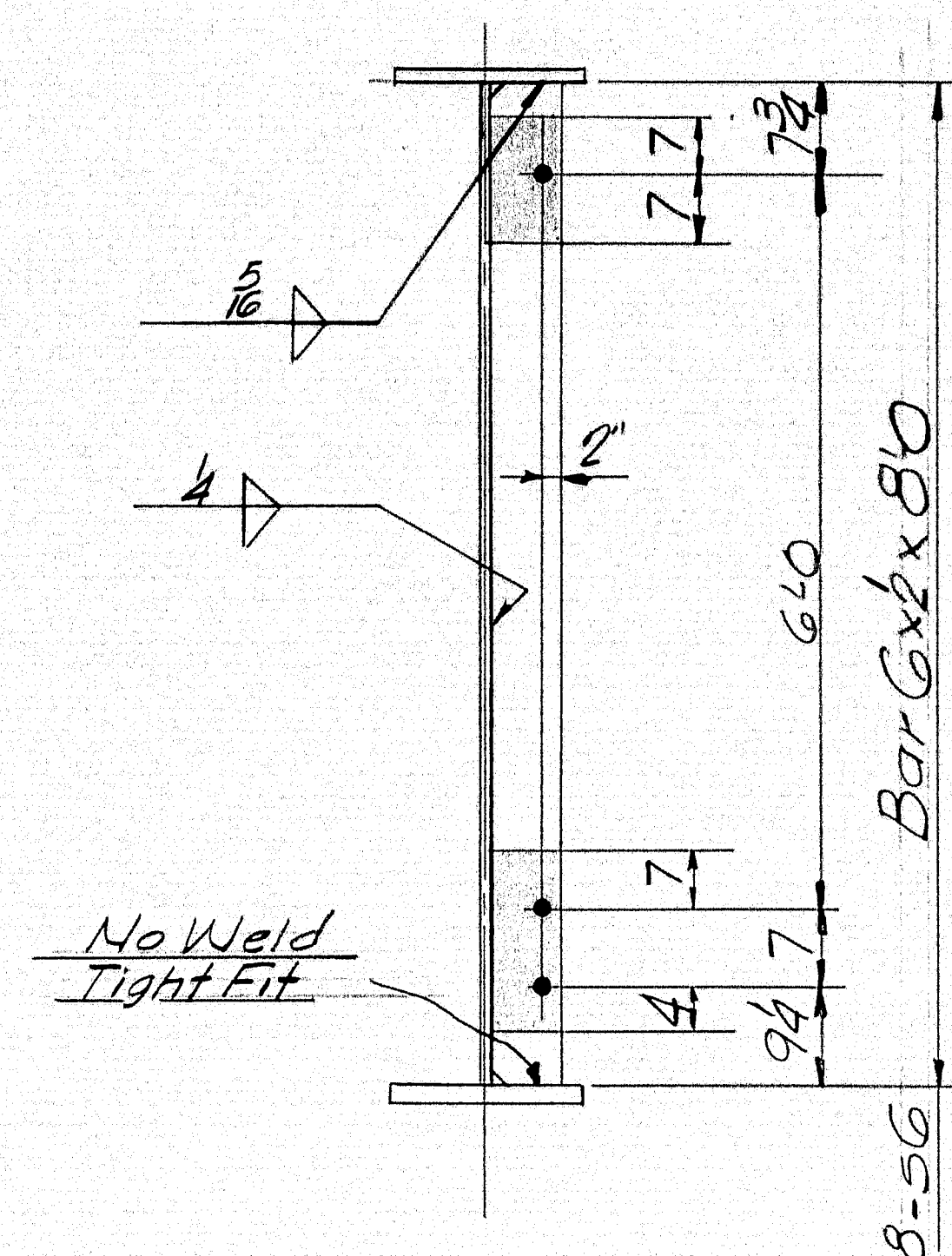
98-131



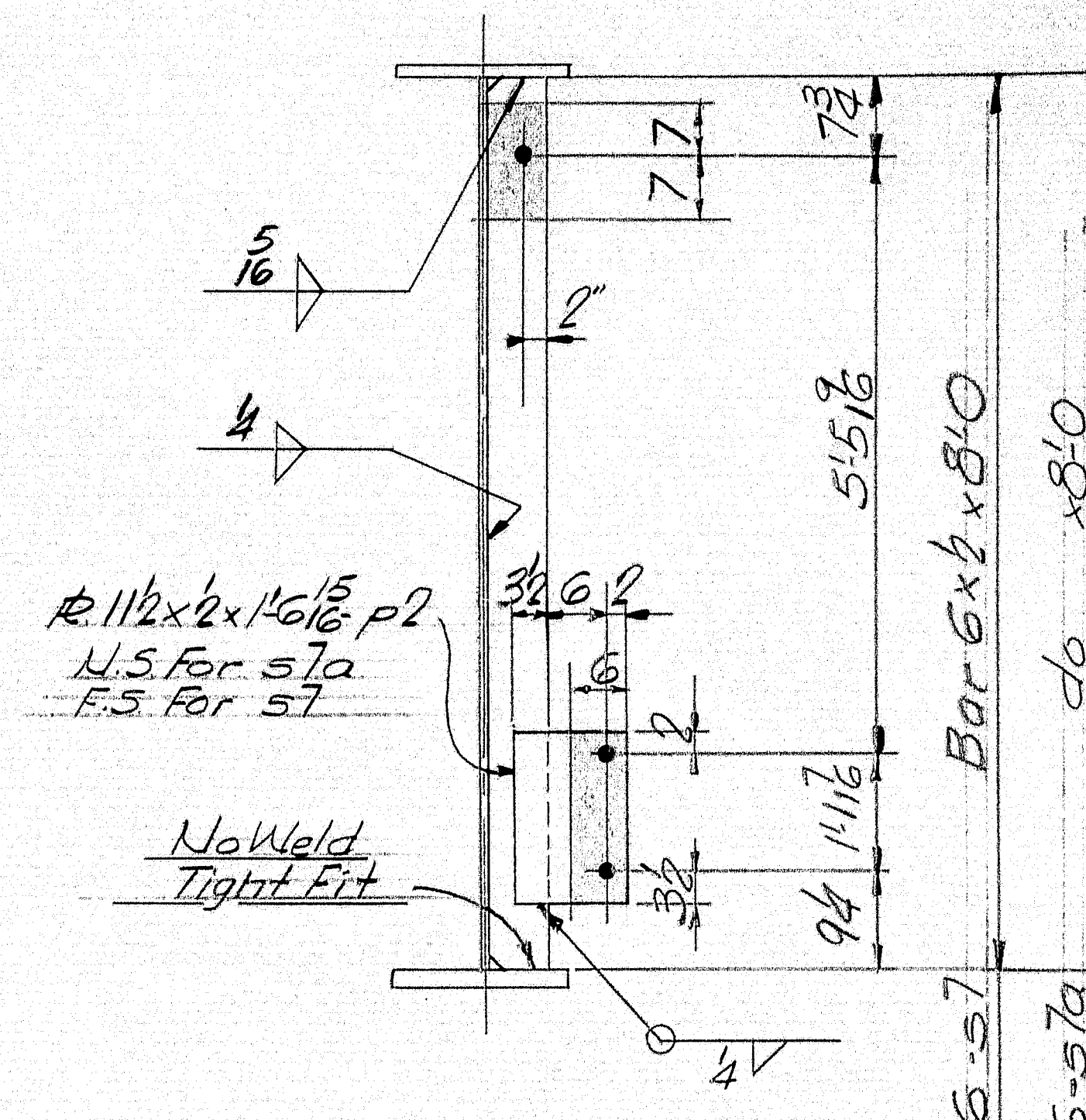
Typ. Detail @ s1 & s2



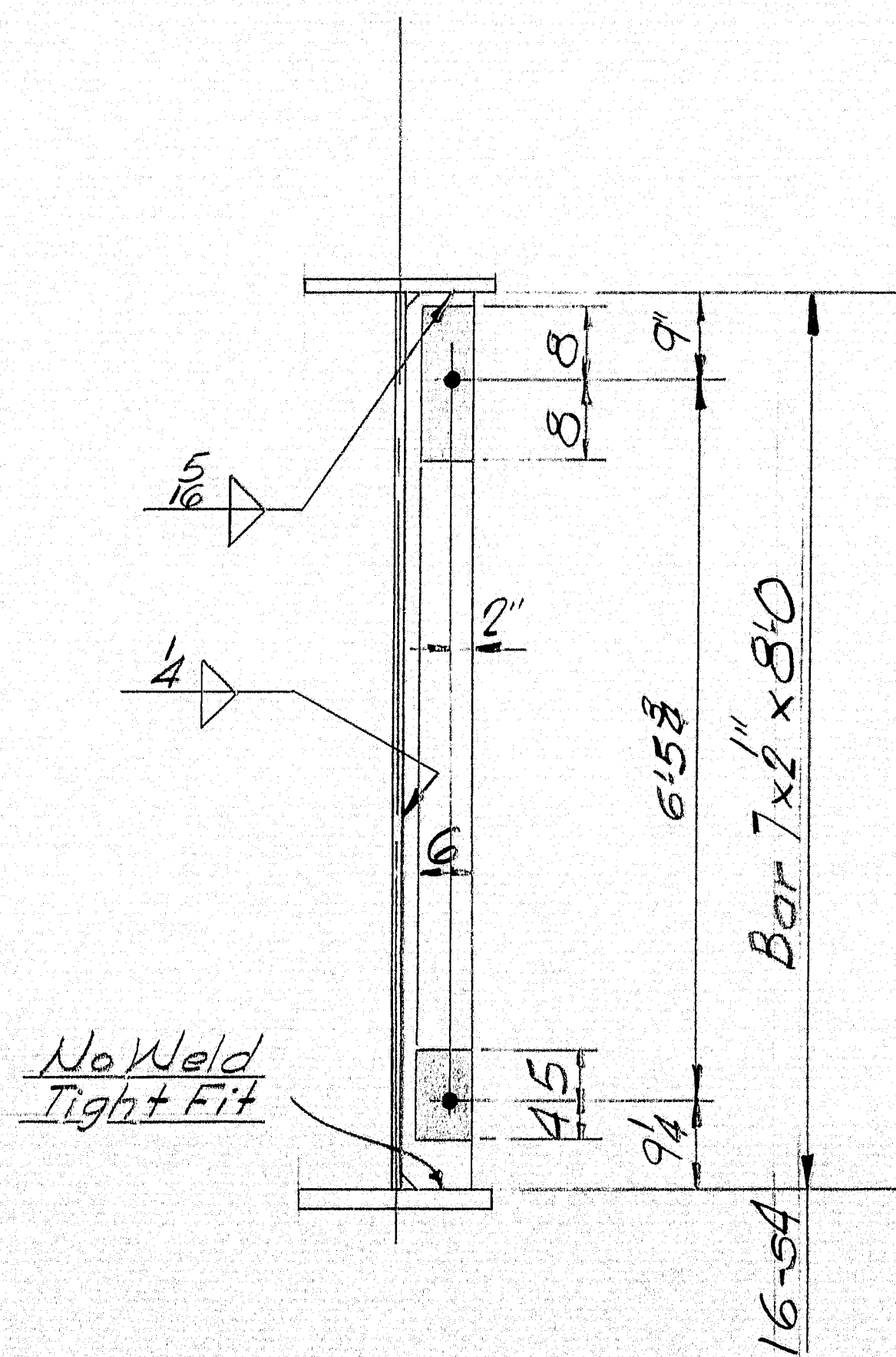
Typ. Detail @ s3 & s3a



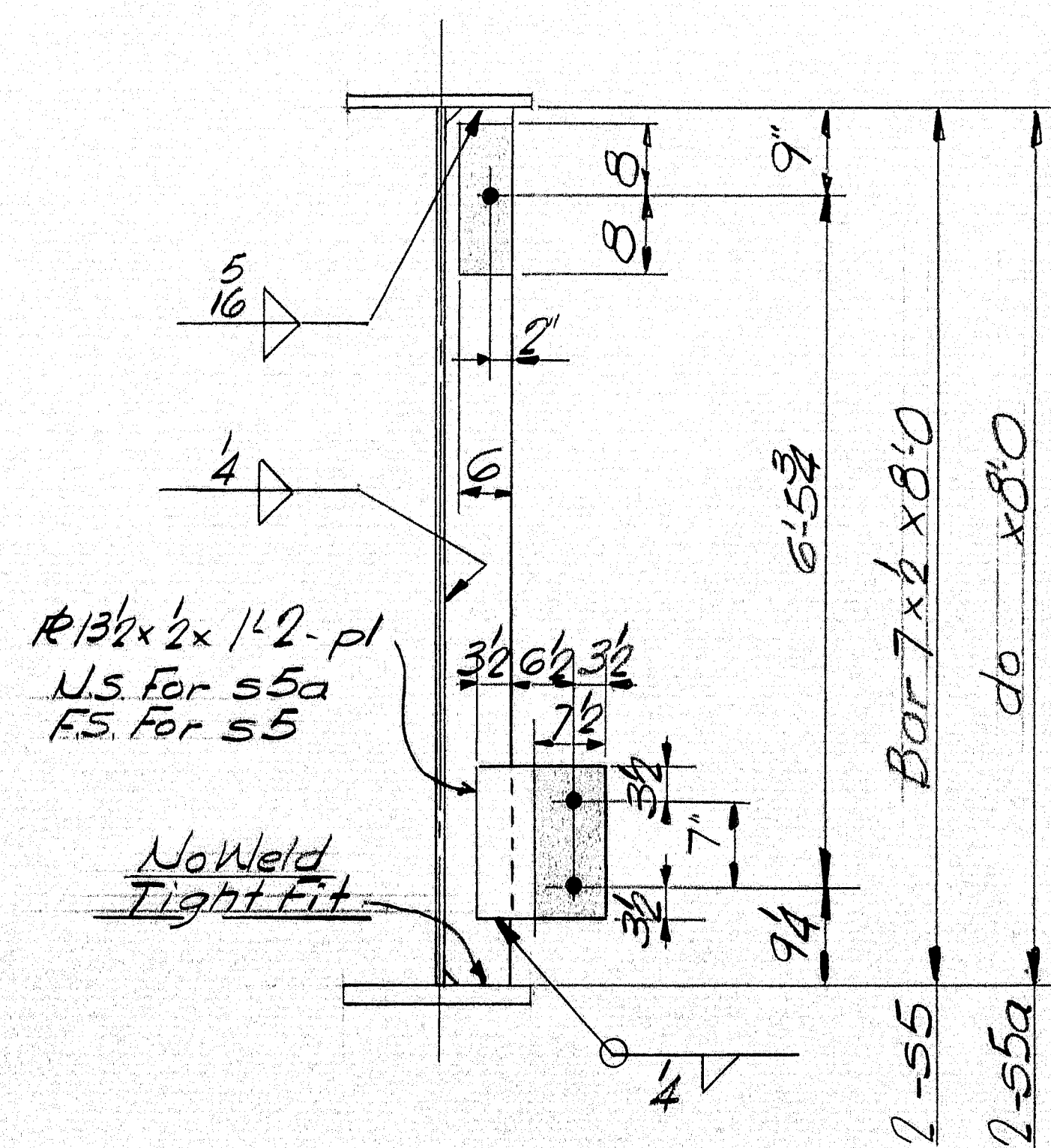
Typ. Detail @ s6



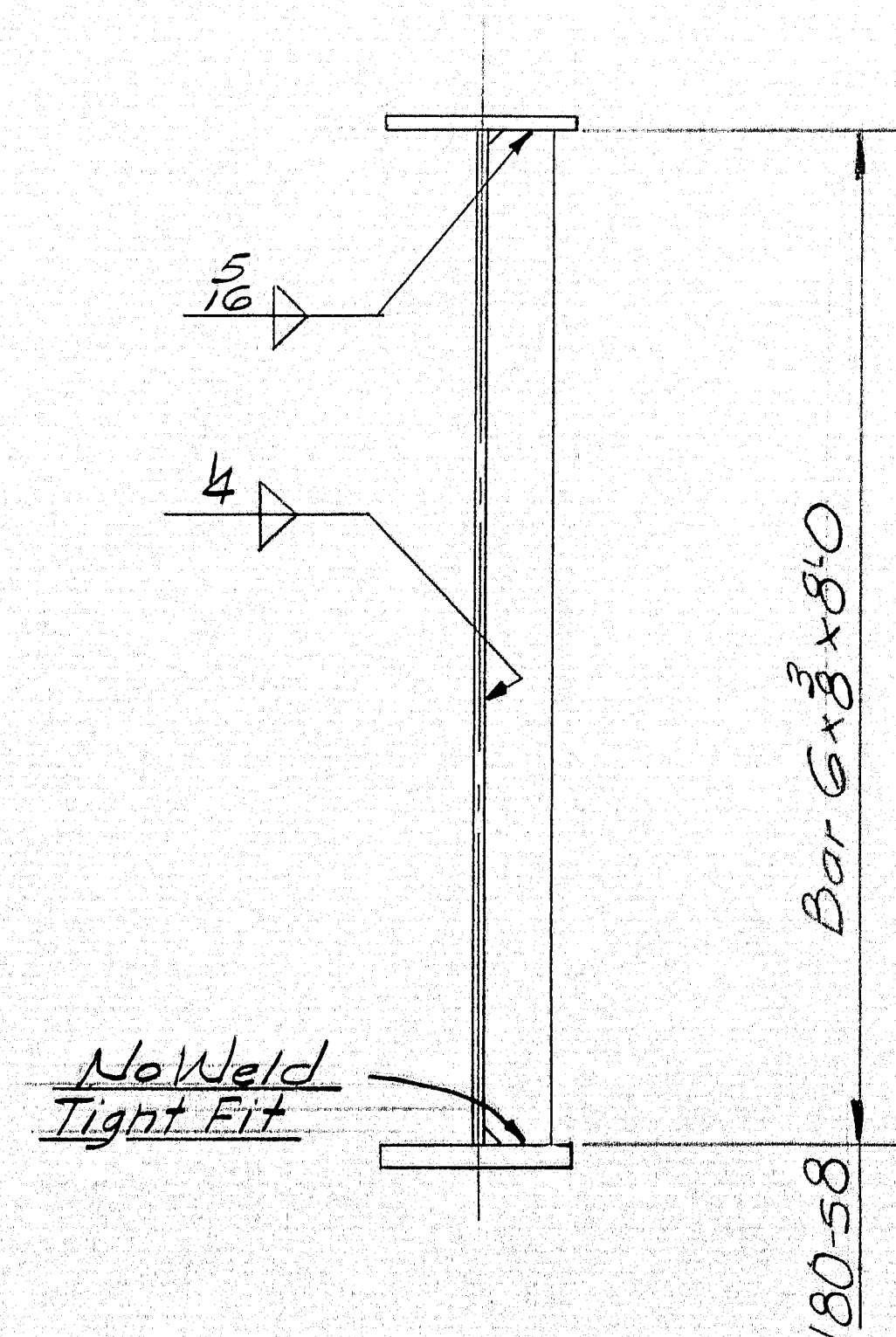
Typ. Detail @ s7 & s7a



Typ. Detail @ s4



Typ. Detail @ s5 & s5a

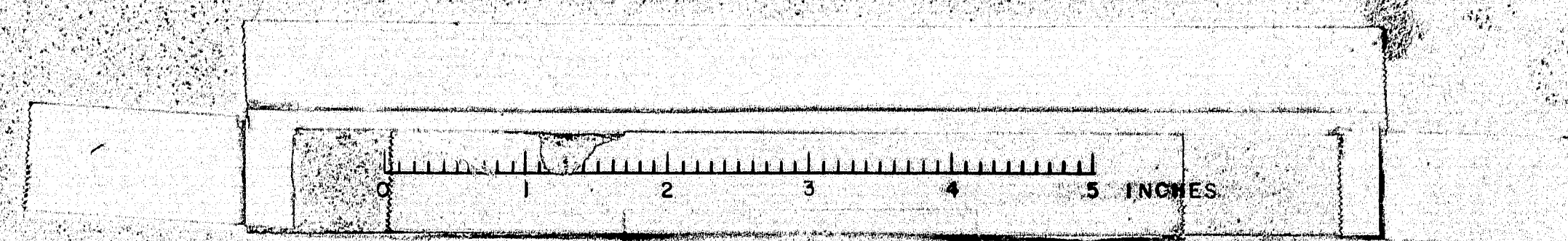


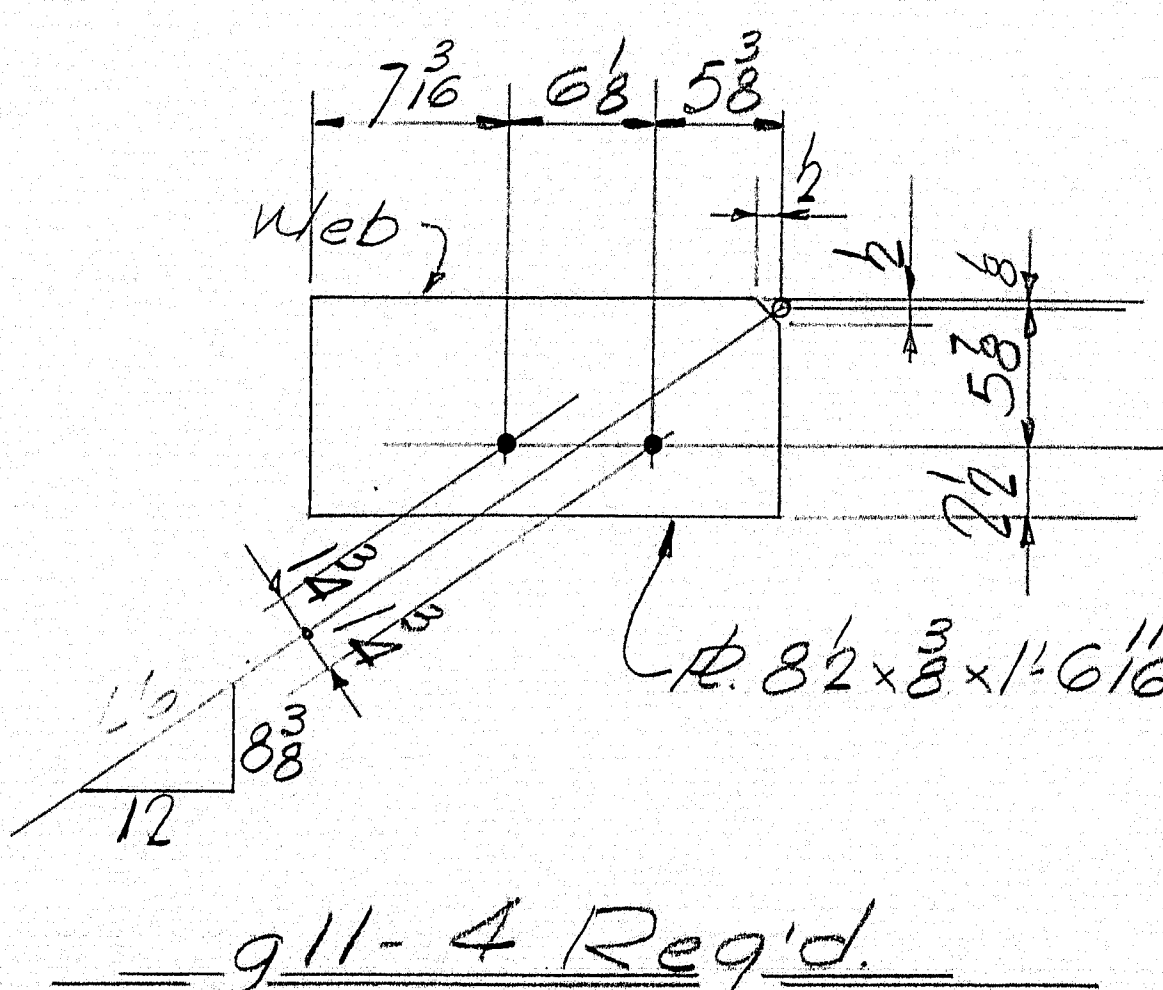
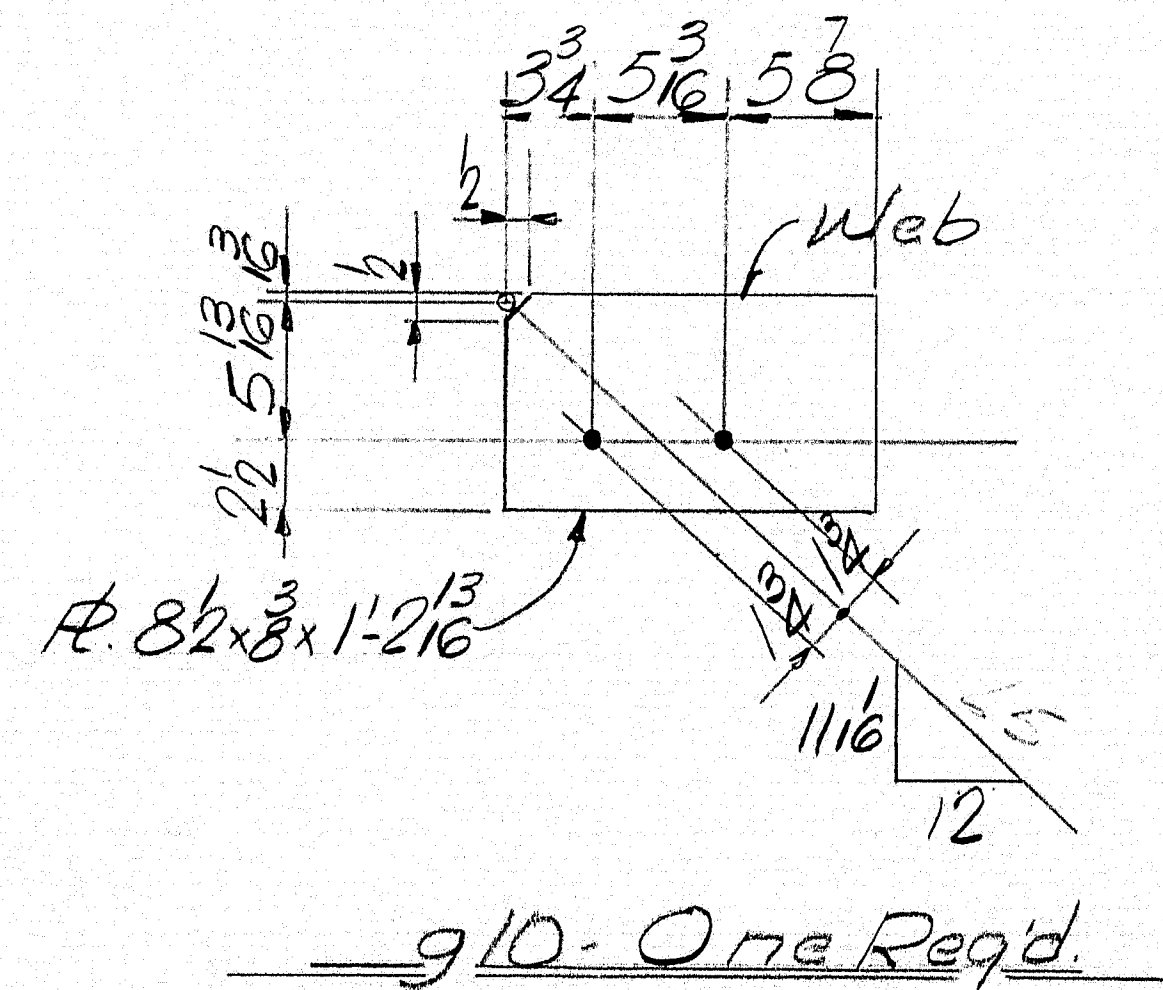
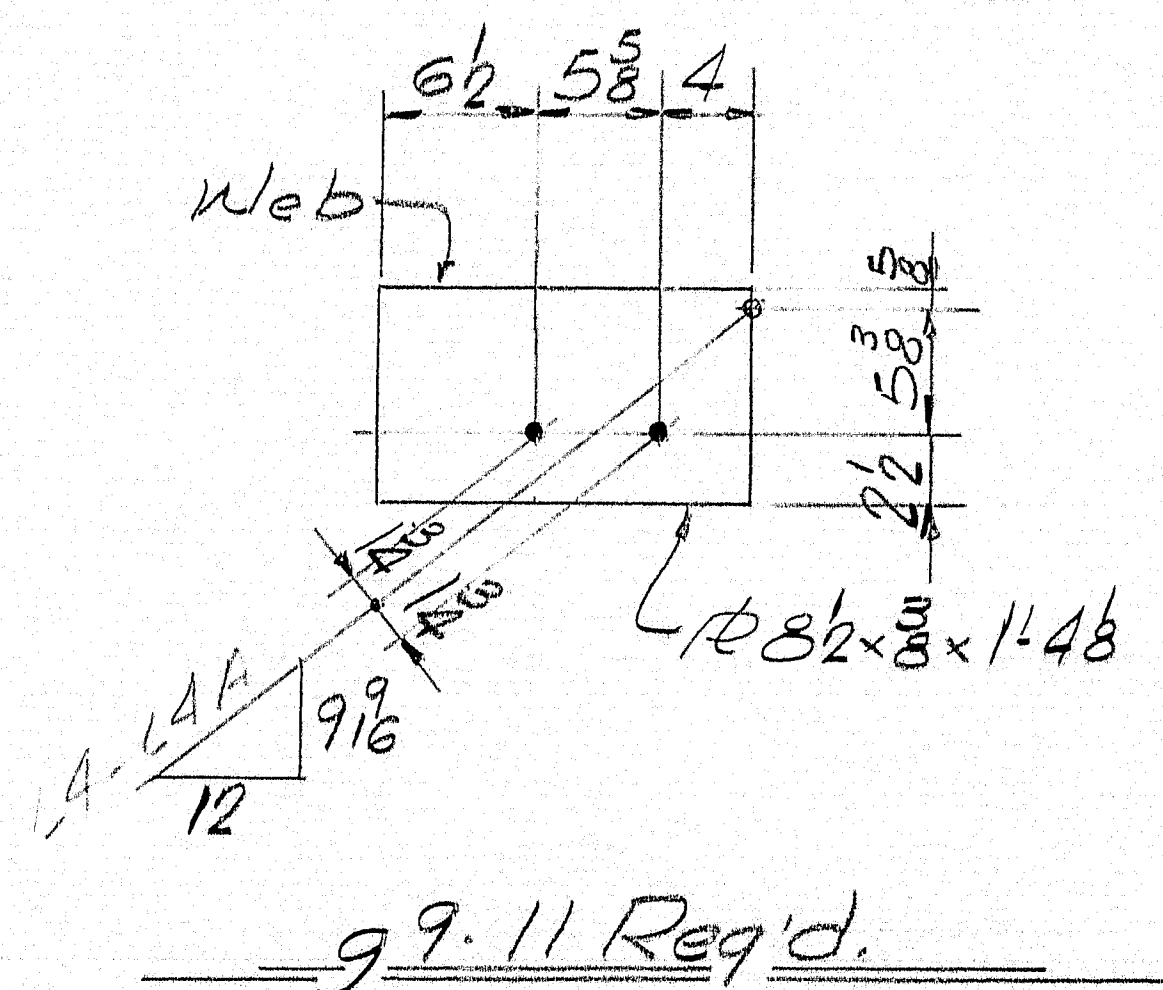
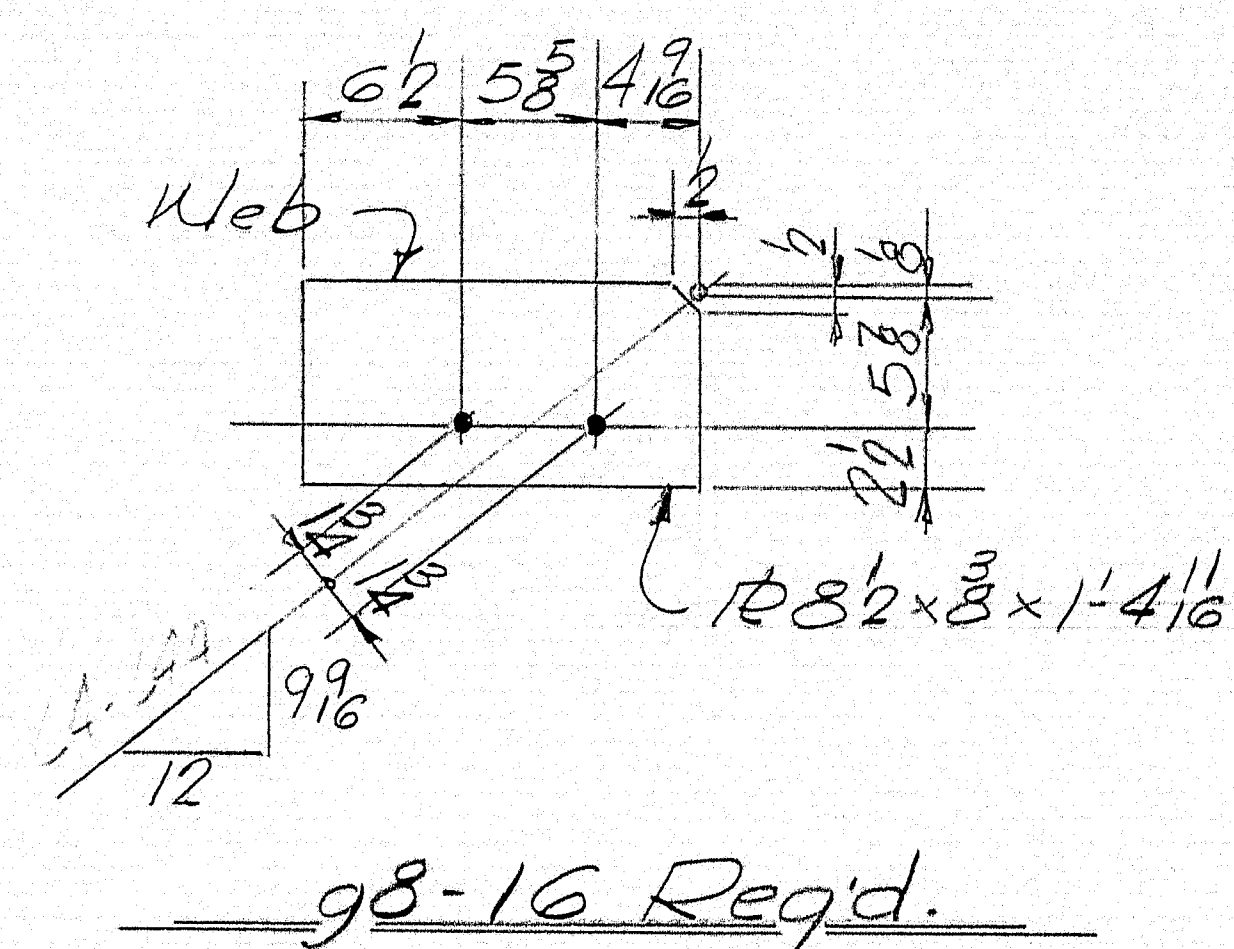
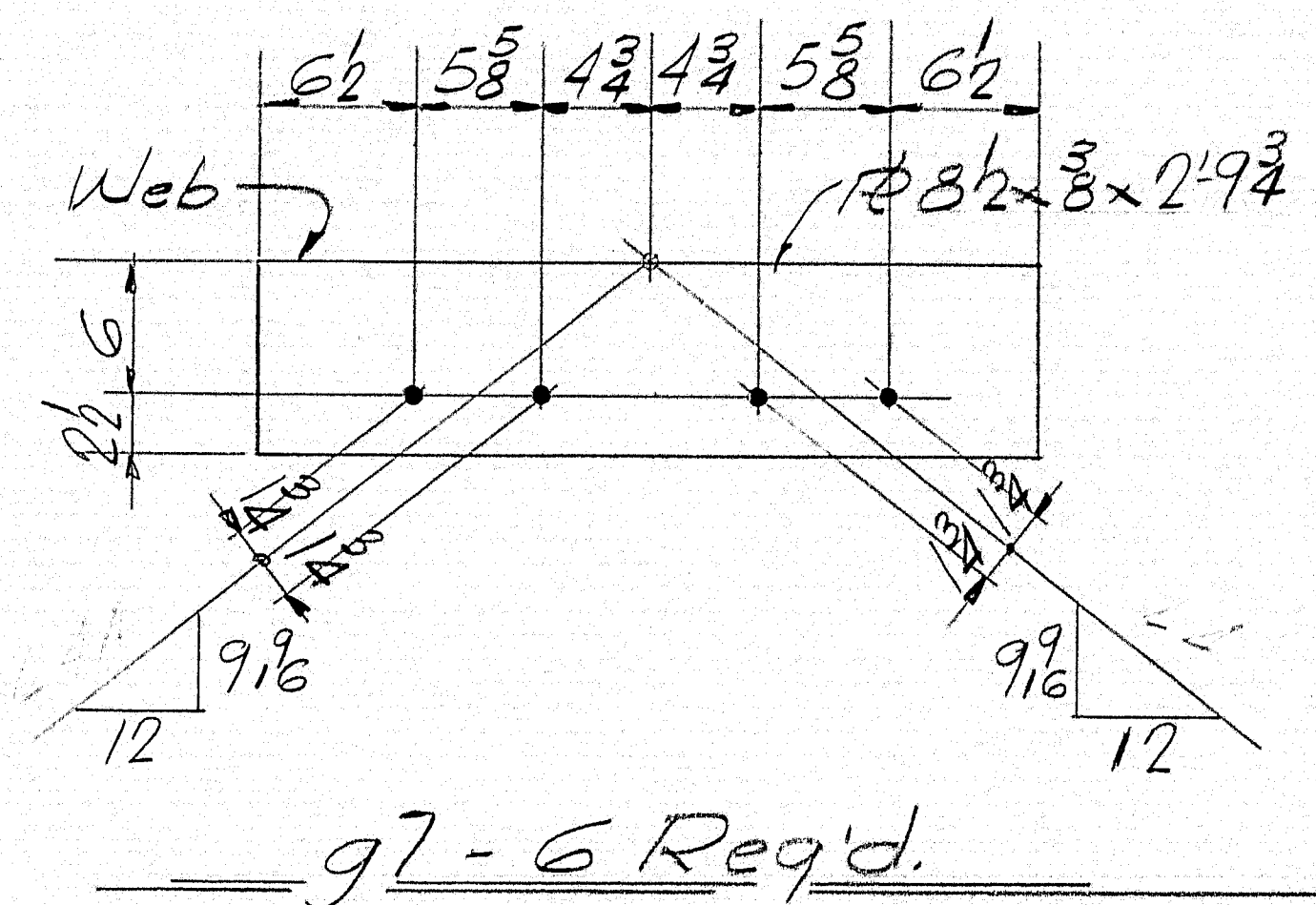
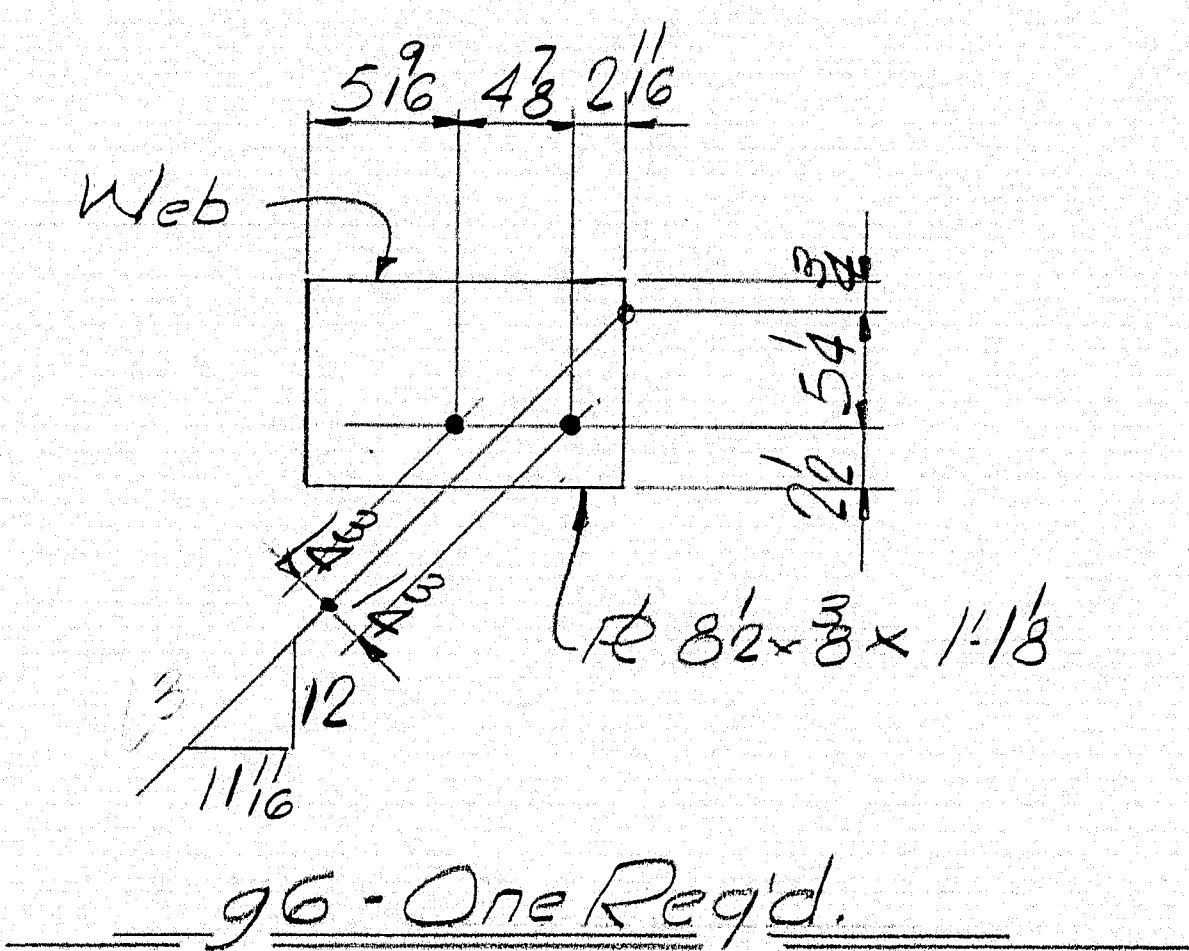
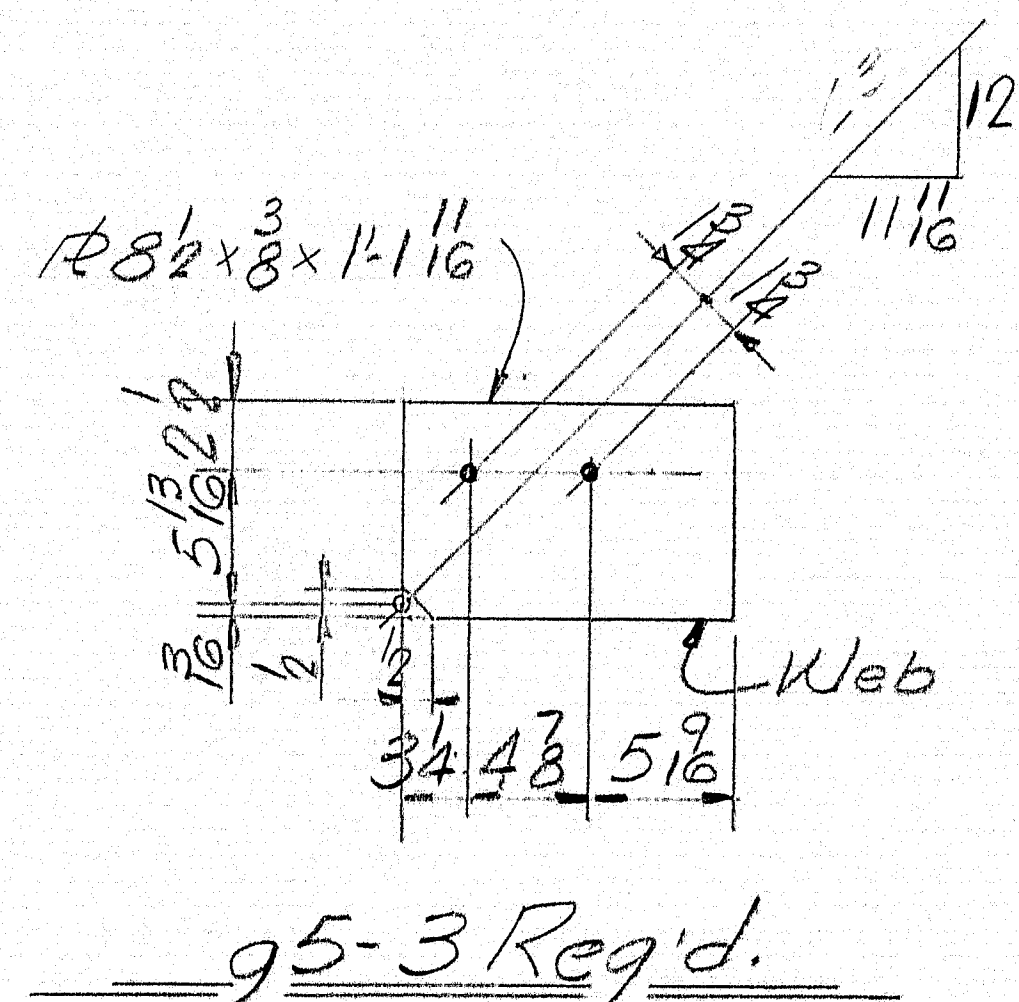
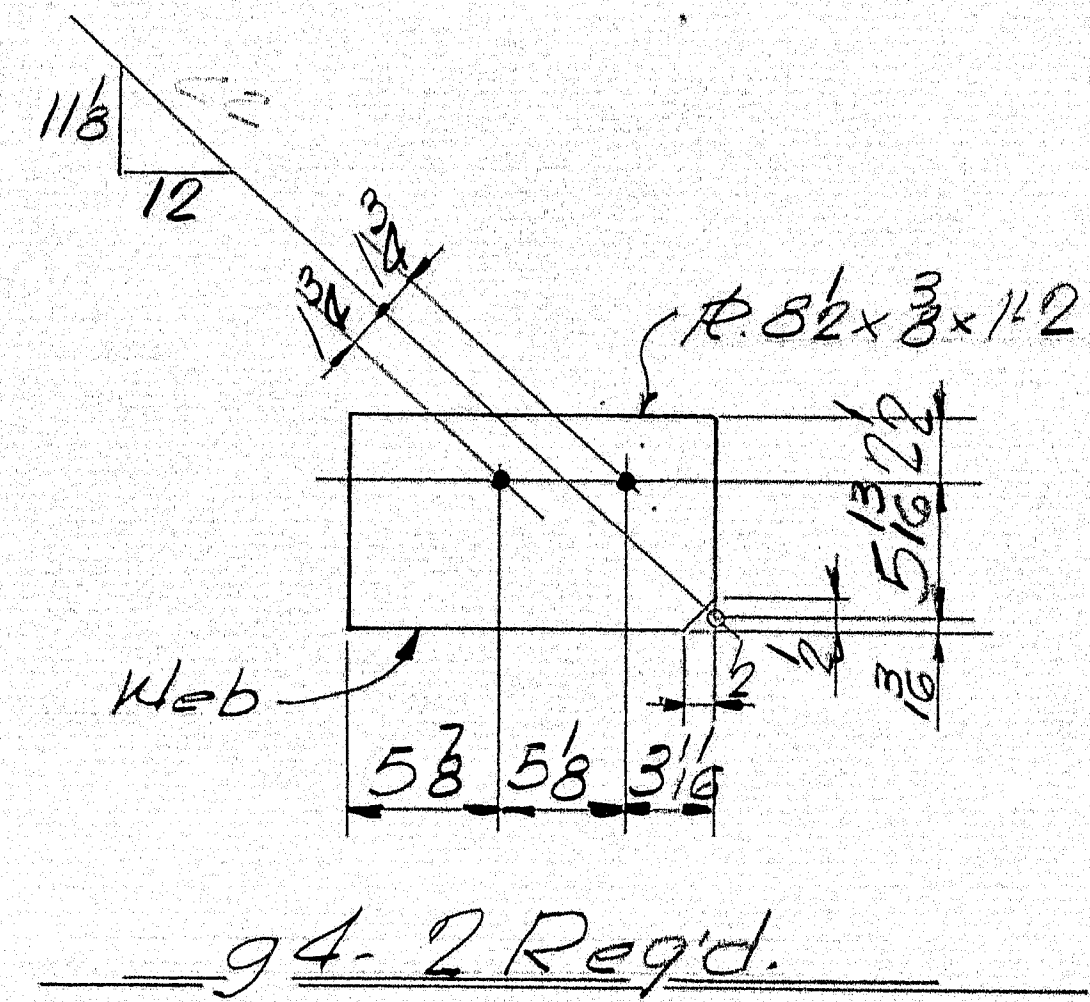
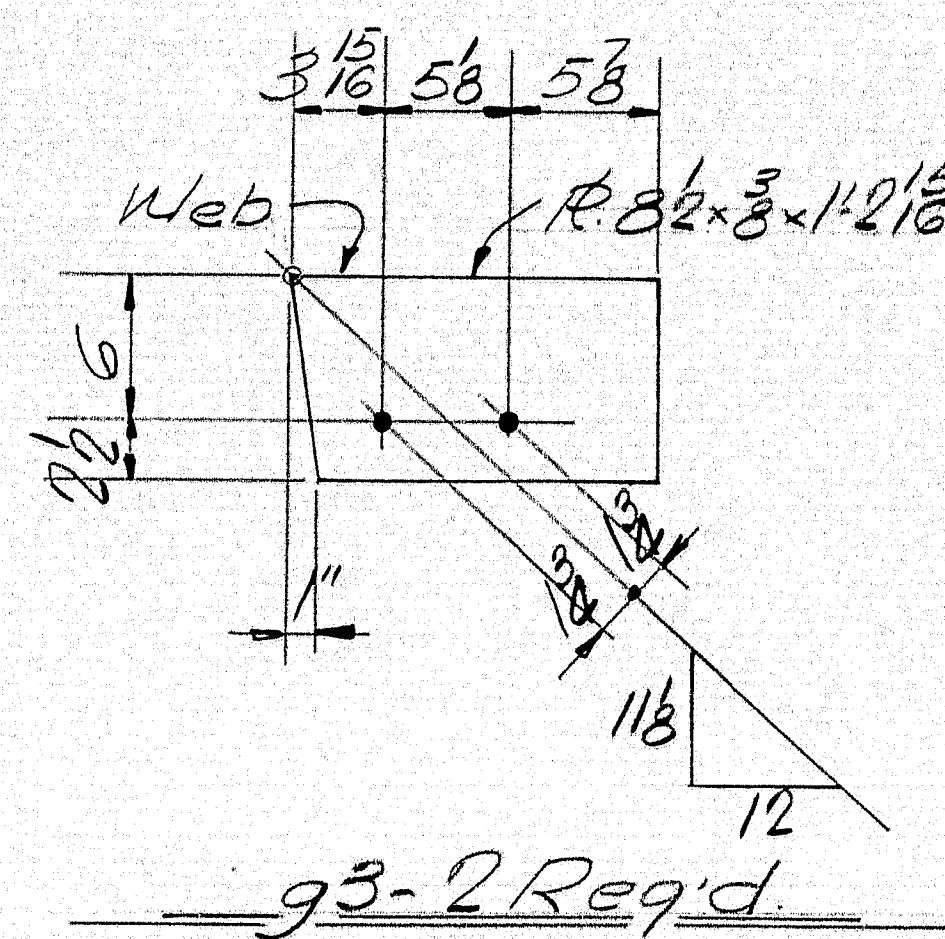
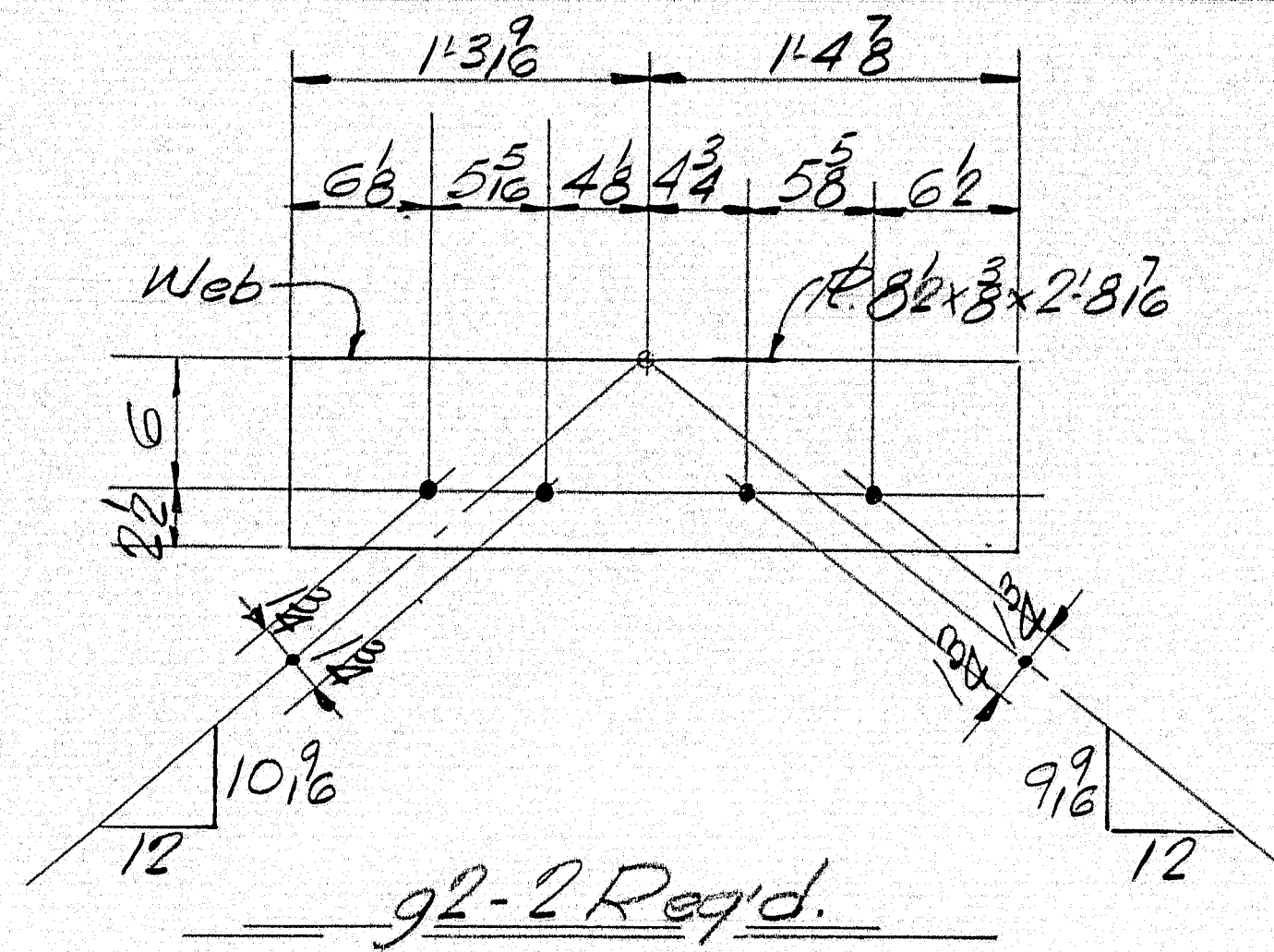
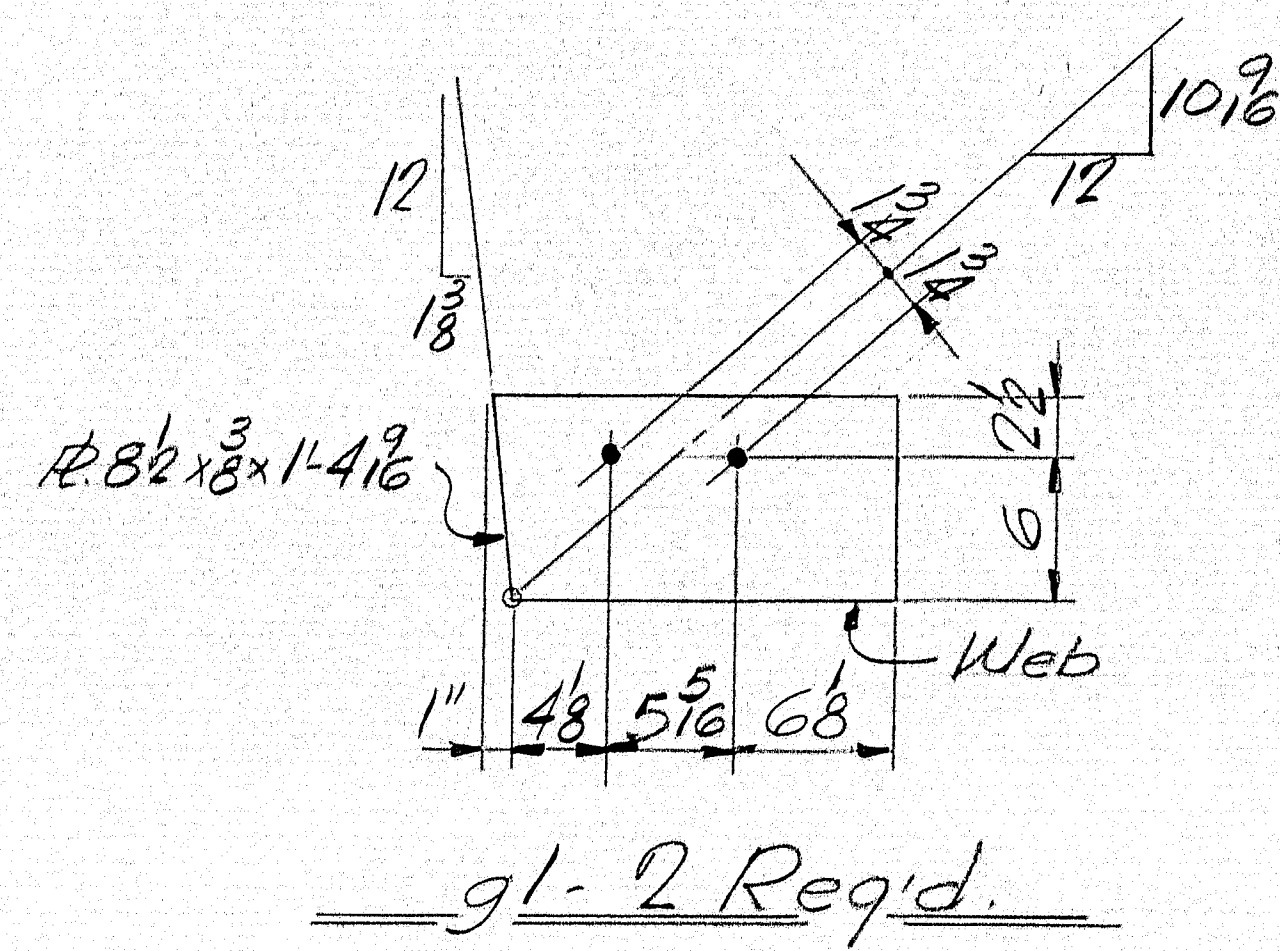
Typ. Detail @ s8

NOTES
All Holes 1/8" dia
There shall be No Point N.S. & F.S.
of stiffeners @ shaded areas
See Note on Dwg. 513 for welding
of bearing stiffeners s1-s2-s3 & s3a

PROJ. No. I-95-9(13)	
STIFFENER DETAILS	
Bancroft & Martin Inc. South Portland 7, Maine	
I-95 OVER B&A R.R. YARDS OAKFIELD, MAINE	
CUSTOMER THOMAS DICENZO	
DESIGNER MAINE S.H.C. BRIDGE DIV.	
ORDER NO. VERBAL DWG. NO. 65-68-514	

98-132





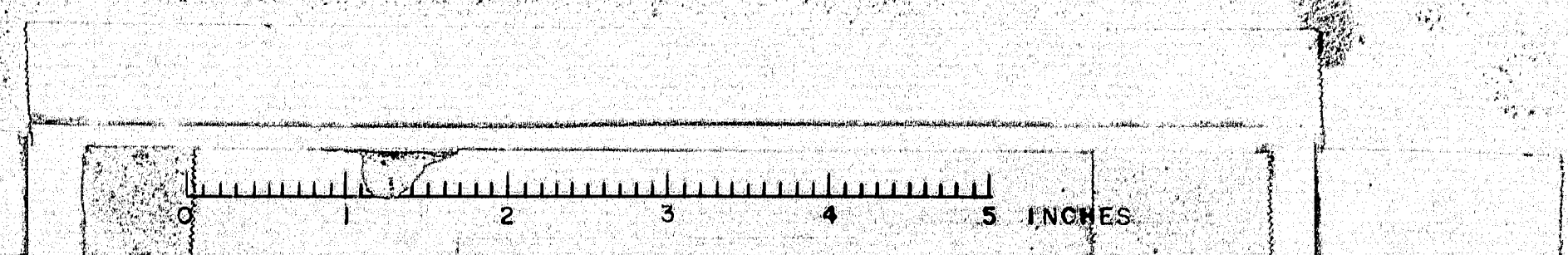
HOLES $\frac{13}{16}$ "

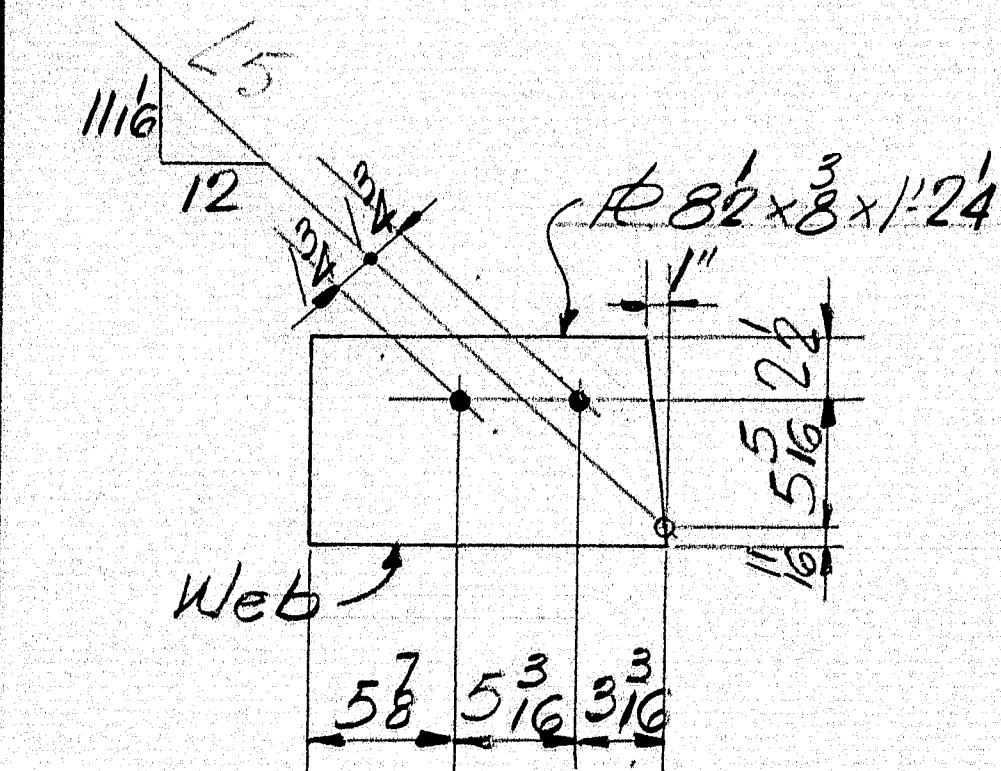
APP. 11-29-65

PROJ. NO. I-95-9(13)
LAT. BR. GUSSET DETAILS
Bancroft & Martin Inc.
South Portland 7, Maine
I-95 OVER BERRYARDS
OAKFIELD, MAINE
CUSTOMER THOMAS DICENZO
DESIGNER MAINES H.C. BRIDGE DIV.
ORDER NO. _____ DWG. NO. 65-68-515

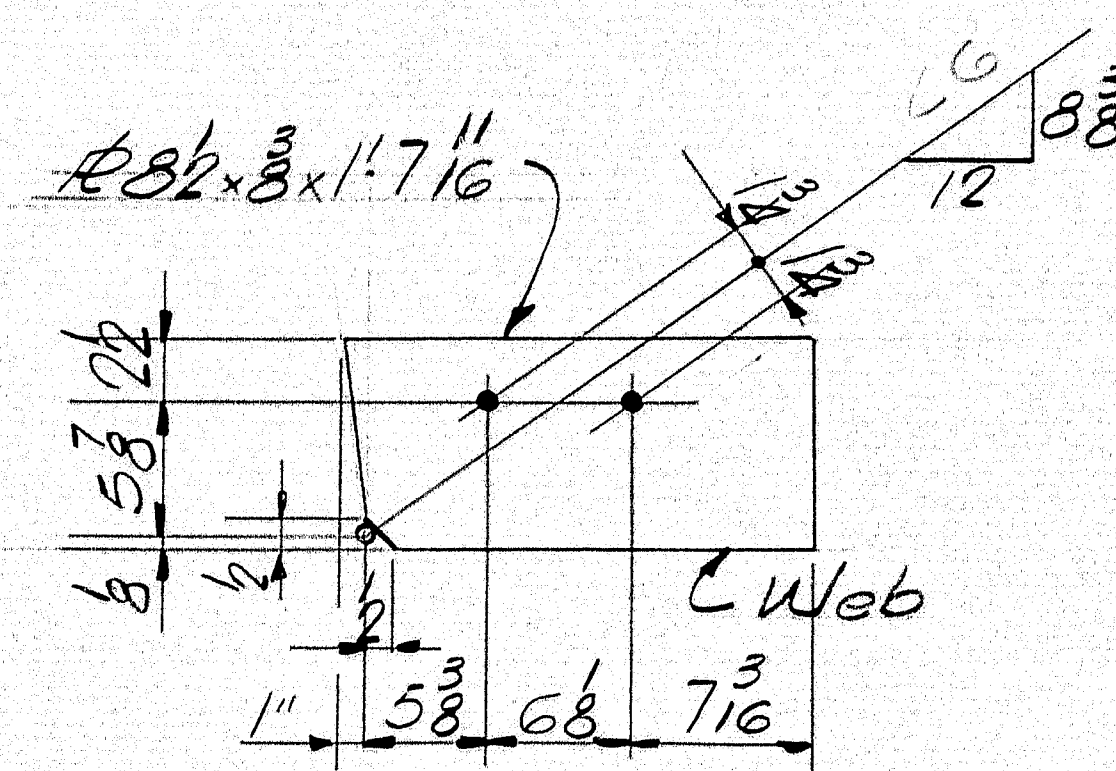
DRAWN	9-27-65 J.P.F.
REVISION	
REVISION	
REVISION	

98-133

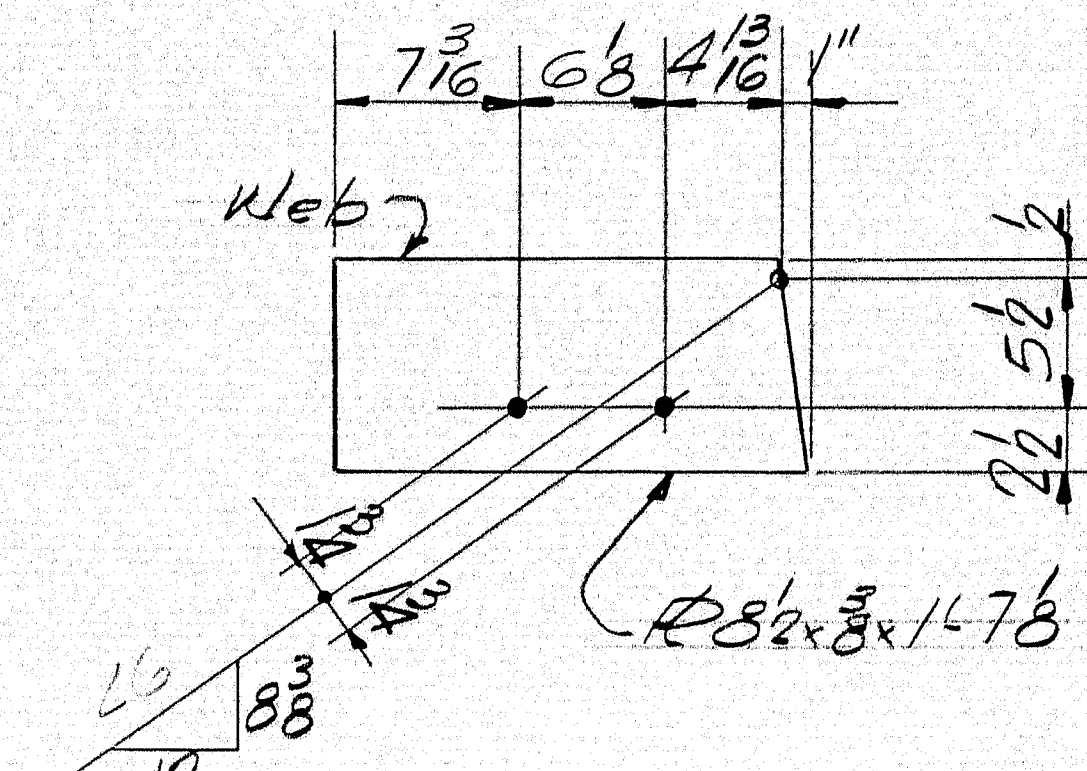




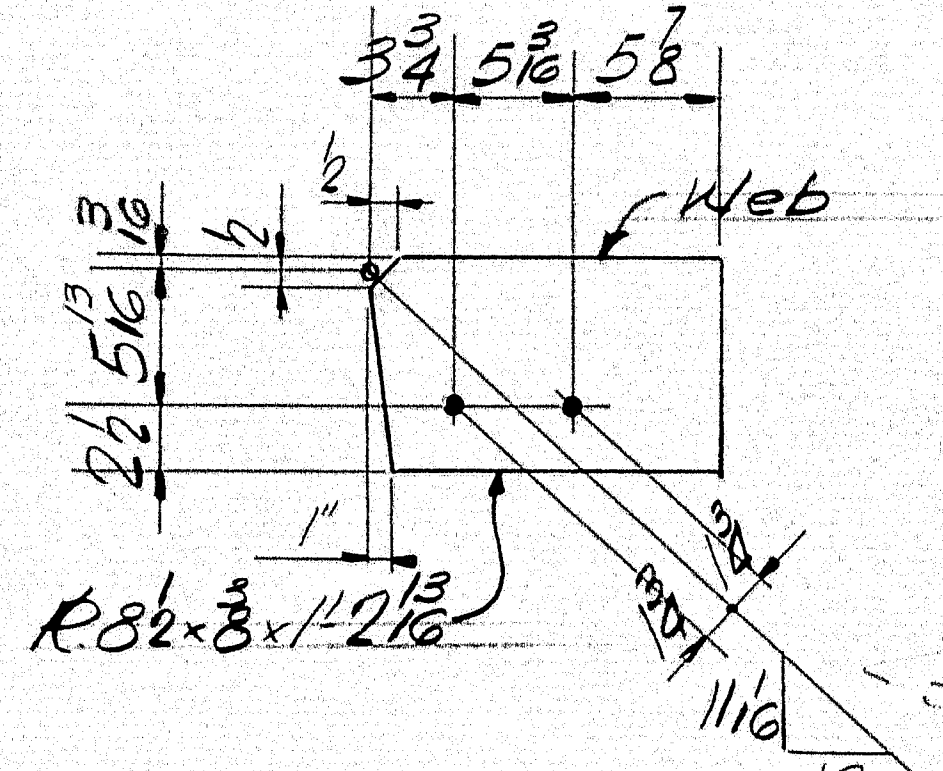
g12 - 2 Req'd.



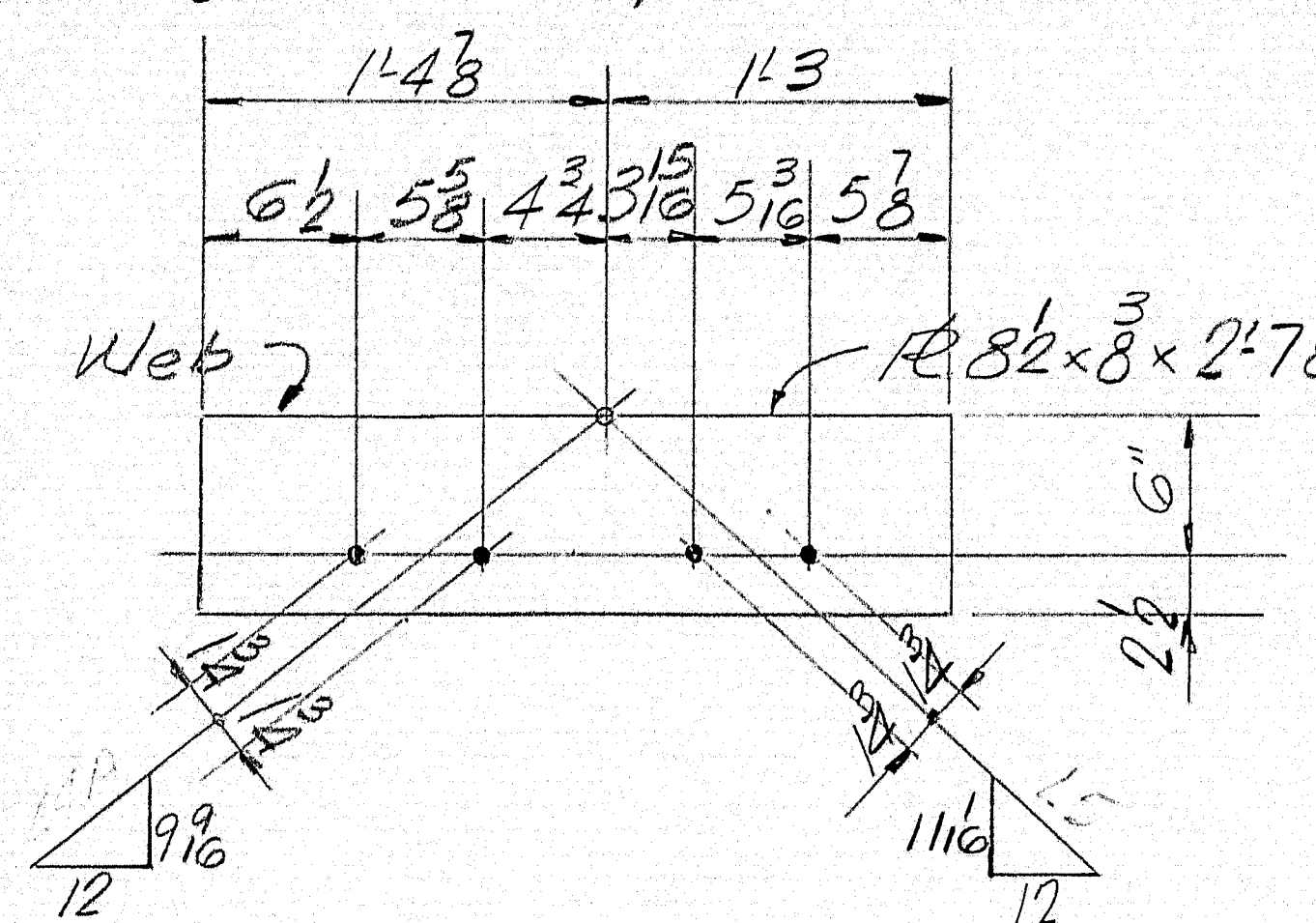
g13 - 2 Req'd.



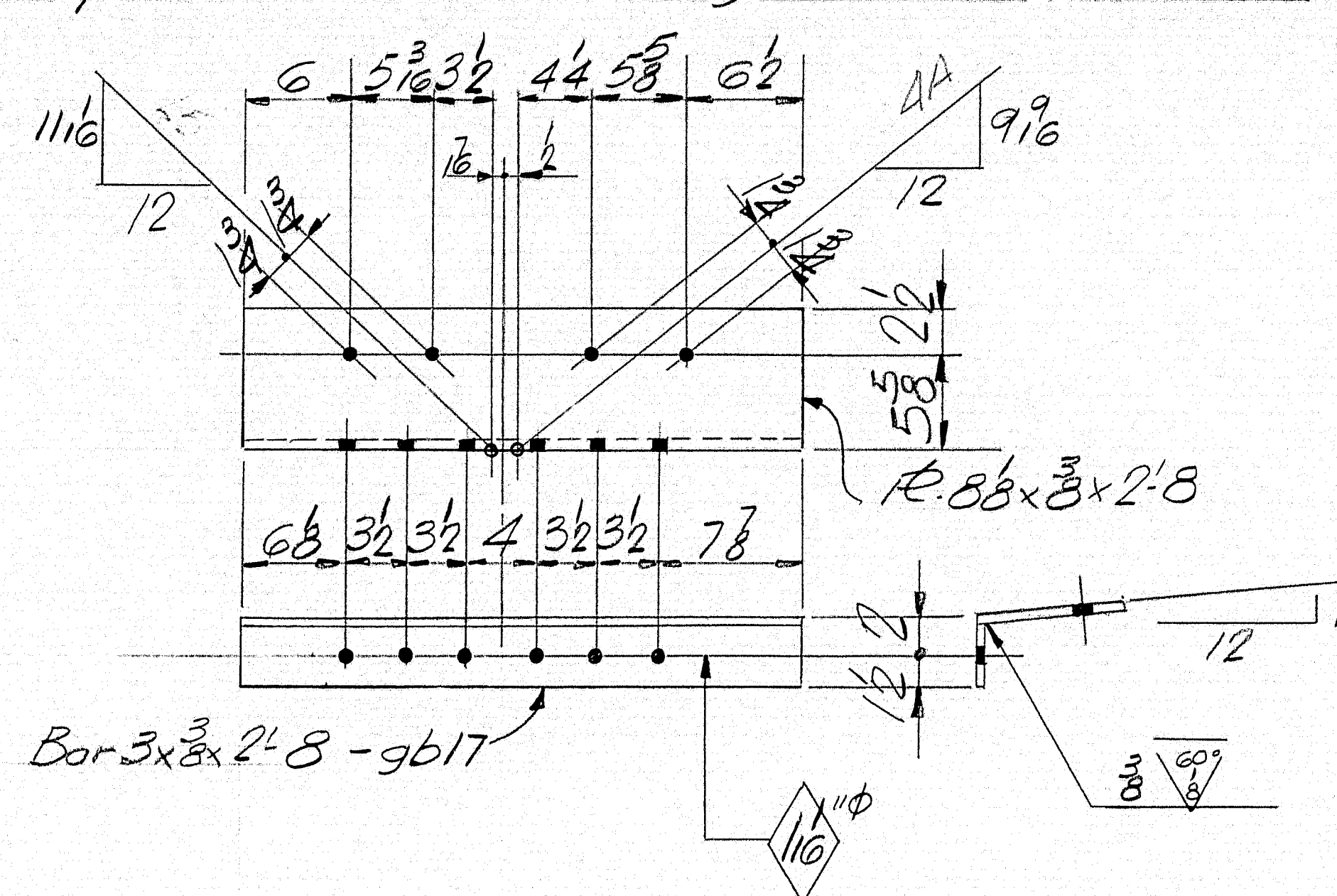
g14 - 2 Req'd.



g15 - 2 Req'd.



g16 - 2 Req'd.



g17 - One Req'd.

Holes $\frac{13}{16}$ " unless noted

APP 11-29-65	PROJ. NO. I-95-9(13)	
	LAT. BR. GUSSET DETAILS	
	Bancroft & Martin Inc.	
	South Portland 7, Maine	
	I-95 OVER BARRY YARDS	
		OAKFIELD, MAINE
DRAWN 9-28-65 J.P.F.		CUSTOMER THOMAS DICENZO
REVISION		DESIGNER MAINE S.H.C. BRIDGE CO.
REVISION		ORDER NO.
REVISION		DWG. NO. 65-68-516

98-134



SHIP		BILL OF MATERIAL				DWG. NO. 65-68-517
MARK	NO.	MARK	SHAPE	LENGTH	WT	REMARKS
S7	1		GIRDER	26 3/8	—	
S12	1		Do	26 3/8	—	
	2	WPI	R 96 x 38	59	0	
	2	WPI	Do	67 3/8	—	
	2	TP1	R 16 x 3/4	35 4 3/8	—	
	2	TP2	R 16 x 1 1/4	10	0	
	2	TP3	R 20 x 1 1/4	80 10 1/8	—	
	2	BP1	R 16 x 1 1/2	55	5	
	2	BP2	R 20 x 1 1/2	10	0	
	2	BP3	R 20 x 2 1/4	80 10 1/8	—	
	2	S1	Bor 7 x 1	8	0 1/4	
	2	S2	Do	8	0 1/4	
	4	S4	Bor 7 x 1/2	8	0	
	4	S6	Bor 6 x 1/2	8	0	
	4	S8	Bor 6 x 3/4	8	0	
	1	HS1	Bor 5 x 3/8	1	1 1/8	
	1	HS2		1	1 1/8	
	2	HS3		2	0 3/8	
	1	HS4		3	10 3/8	
	1	HS9		3	3 3/8	
	4	HS10		3	9	
	5	HS13		3	11 1/4	
	1	HS14		3	7 1/4	
	8	HS15		4	10 3/8	
	4	HS20		5	11 3/8	
	2	HS24		4	5 3/8	
	2	HS25		6	5 3/8	
	2	HS26		6	6 3/8	
	2	HS27		3	7	
	1	HS28	Bor 5 x 3/8	2	1 1/4	
	1	HS29	R 5 1/2 x 3/8	2	8 1/8	
	1	HS30		1	1 1/8	
	4	HS31		2	9 3/8	
	4	HS32		1	4 1/8	
	1	HS33		1	2 1/8	
	2	HS34		2	6 3/8	
	1	HS35	R 8 1/2 x 3/8	1	2 1/8	

416 SHOP 3rd WILSON STUBS 0 5 ITEM 705.17

Mat. A.S.T.M. Desig. A36
ITEM 702-103.2 unless noted

SHOP CONNECTIONS: Welded
FIELD CONNECTIONS: Bolted
HOLES: As Noted
PAINT: Red Lead per Maine Specs

Prov. No. I-95-9(13)

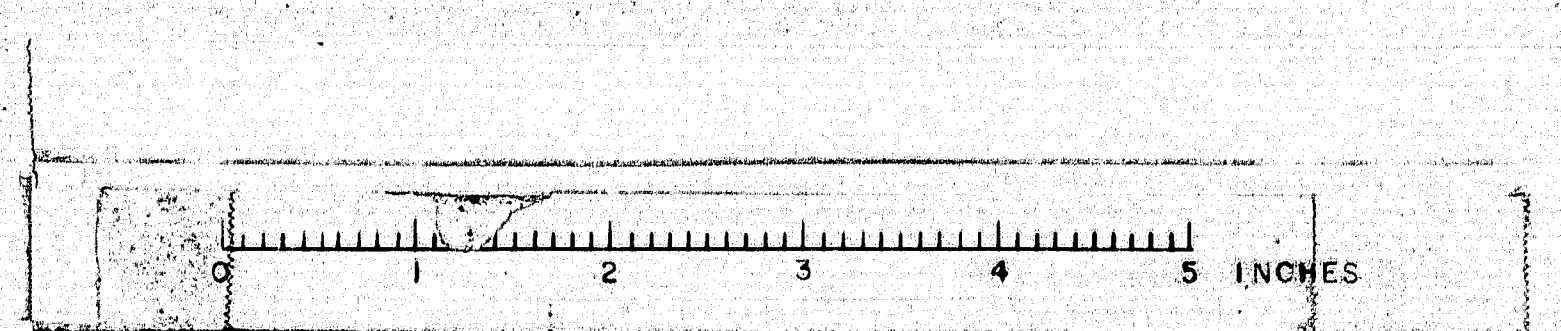
GIRDERS S7 & S12

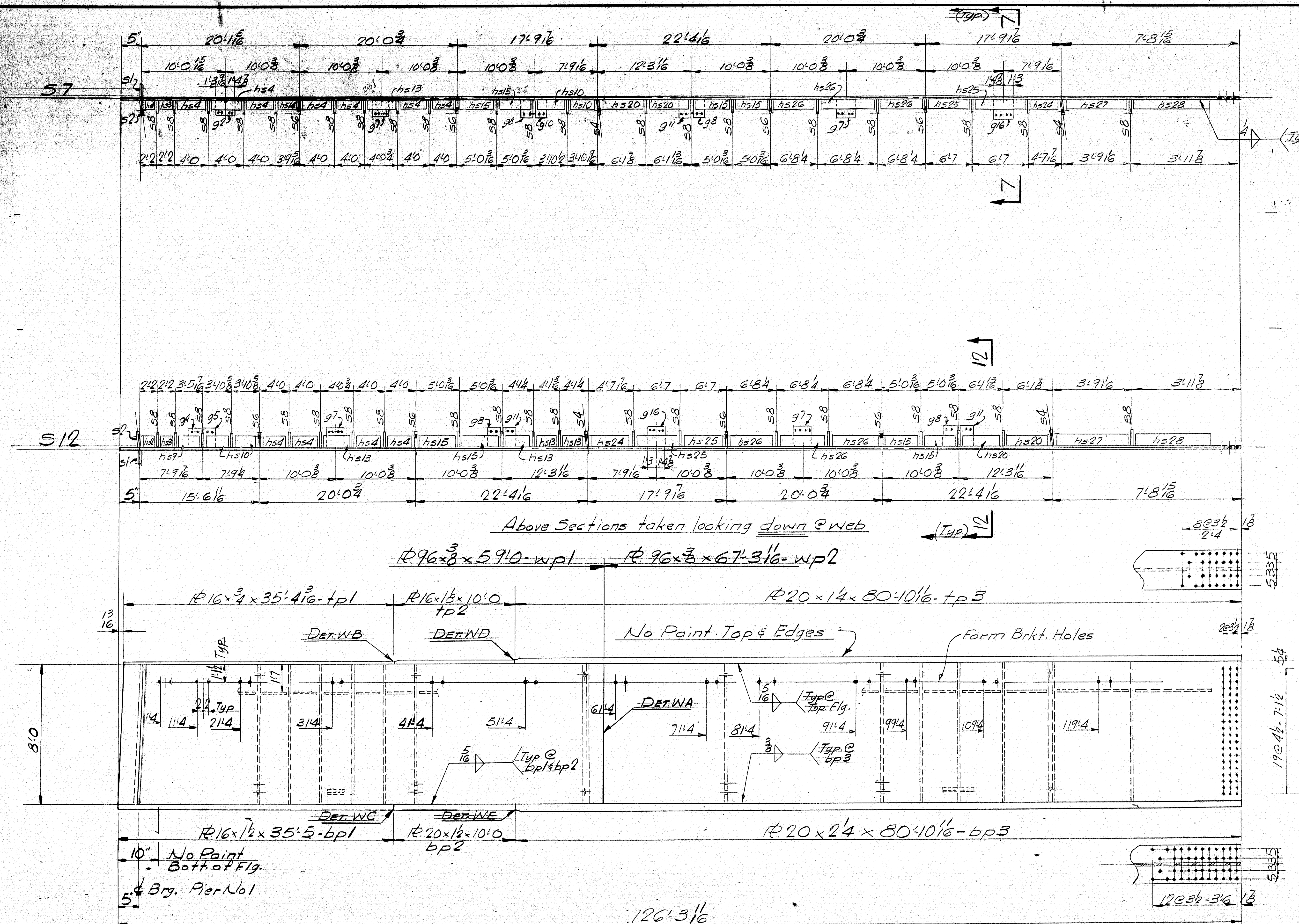
Brown & Martin Inc.
P.O. Box 100, Portland, Me.

I-95 OVER BARRYARDS
OAKFIELD, MAINE

CUSTOMER: THOMAS DICENZO
DESIGNER: MAINE S.H.C. BRIDGEDN

ORDER NO. VERBAL DWG. NO. 65-68-517





For Welding Details see Dwg. S13.
For Camber Diagram see Dwg. S12.
For Stiffener Details see Dwg. S14.
For Gusset Details see Dwg. S15 & S16.
For Stud Layout see Dwg. S21.
For Sections 7-7 & 12-12 see Dwg. S19.

SPLICE NOTE
Holes are for high tensile bolts.
They are to be free from burrs
and shall not be painted on any
surface within 5" of such open
holes.

Proj. No. I-95-9(13)

GIRDERS - S7 & S12

Bancroft & Martin Inc.
South Portland 7, Maine

I-95 OVER BARRYARDS
OAKFIELD, MAINE

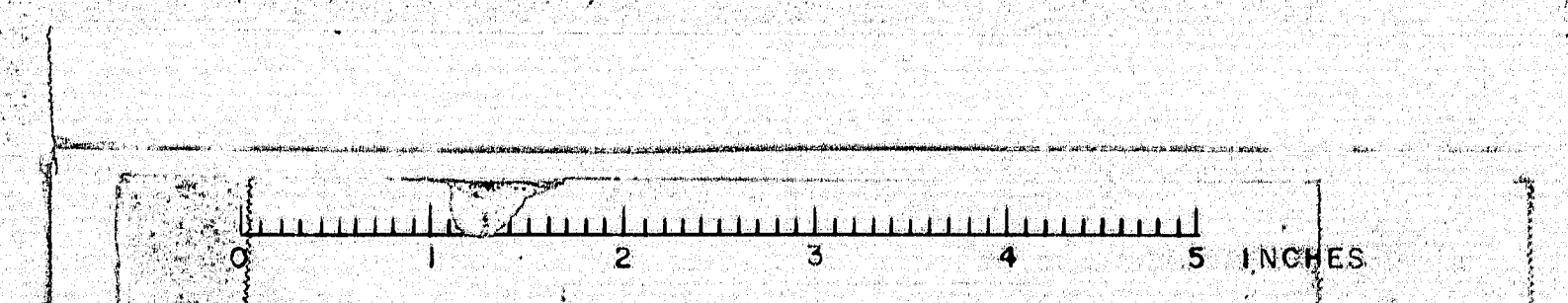
CUSTOMER THOMAS DICENZO

DESIGNER MAINE S.H.C. BRIDGE DIV.

ORDER NO. VERBAL DWG. NO. 65-68-517

DRAWN	7-12-65	JPF
REVISION	12-10-65	JPF
REVISION		
REVISION		

98-135



SHIP		BILL OF MATERIAL				DWG NO. 65-68-518
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
58	1		GIRDER	126 3/4	—	
59	1		Do	126 3/4	—	
510	1		Do	126 3/4	—	
511	1		Do	126 3/4	—	
	4	WP1	R 76 x 3/8	59	0	
	4	WP2	Do	67 1/2	0	
	4	WP3	R 16 x 3/8	35	4 1/2	
	4	WP4	R 16 x 1/2	10	0	
	4	WP5	R 20 x 1/4	80	10 1/2	
	4	WP6	R 16 x 1/2	35	5	
	4	WP7	R 20 x 1/2	10	0	
	4	WP8	R 20 x 2 1/4	80	10 1/2	
	6	S2	Bar 7 x 1 1/2	8	0 4	
	1	S3	Do	8	0 4	
	12	S3a	Do	8	0 4	
	2	S4	Bar 7 x 1/2	8	0 0	
	2	S5	Do	8	0 0	
	24	S5a	Do	8	0 0	
	4	S6	Bar 6 x 1/2	8	0 0	
	4	S7	Do	8	0 0	
	4	S7a	Do	8	0 0	
	78	S8	Bar 6 x 3/8	8	0 0	
	2	hs1	Bar 5 x 3/8	1	1 1	
	4	hs2		1	1 1/2	
	4	hs3		2	0 3/8	
	16	hs4		5	10 1/2	
		hs5		3	7 1/2	
		hs6		3	4 3/8	
		hs7		4	3 3/8	
		hs8		3	1 1/2	
	1	hs9		3	3 3/8	
	1	hs11		3	7 1/4	
	1	hs12		4	1	
	4	hs13		3	1 1/4	
	4	hs16		4	6 1/2	
	4	hs17		4	9 1/4	
	12	hs18		5	0	
	12	hs19		5	2 3/8	
	6	hs22		6	4 3/8	
	6	hs23		6	1 3/8	
	4	hs27		3	7	
	4	hs28	Bar 5 x 3/8	2	1 1/4	
	1	g1	R 8 1/2 x 3/8	1	4 3/8	
	1	g3		1	2 1/2	
	1	g6		1	1 1/2	
	1	g8		1	4 1/2	
	1	g9		1	4 1/2	
	1	g12		1	2 1/4	
	1	g13		1	7 1/2	
	1	g14		1	7 1/2	
	1	g15	R 8 1/2 x 3/8	1	2 1/2	
	1	p1	R 13 1/2 x 1/2	1	6 1/2	
	1	p2	R 11 1/2 x 1/2	1	6 1/2	
	12	hs26	Bar 5 x 3/8	6	6 1/4	
832	SHOP	8 570 BS		0	5	

AS IN 1441
ITEM 705-17

ITEM 705-17

Mat A.S.T.M. Desig A36
ITEM 705-1032 unless noted.

SHOP CONNECTIONS: Welded
FIELD CONNECTIONS: Bolted
HOLEST: As Noted
PAINT: Red Lead per Maine Specs

Prov No. I-95-9 (13)

GIRDERS 58-59
510-511

Penicraft & Martin Inc.
South Portland, Maine

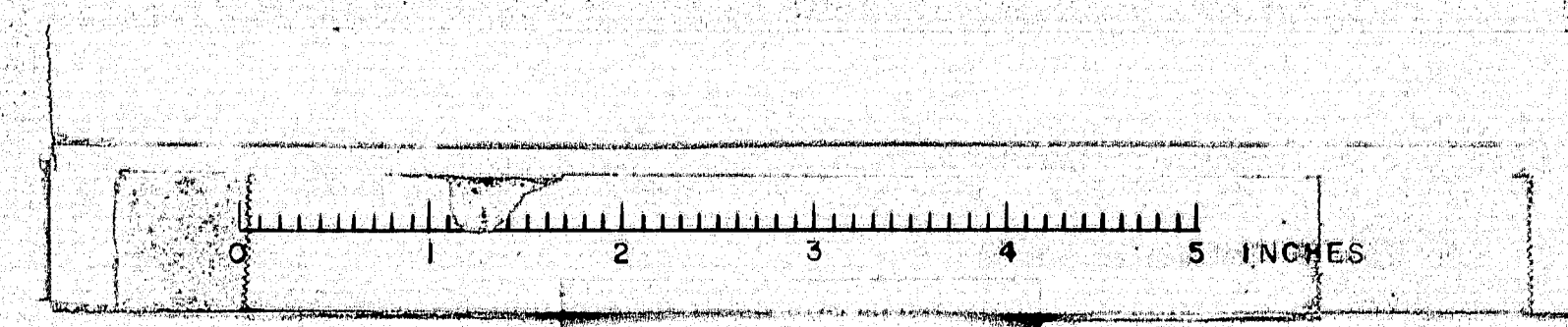
I-95 OVER BEARRYARDS
OAKFIELD, MAINE

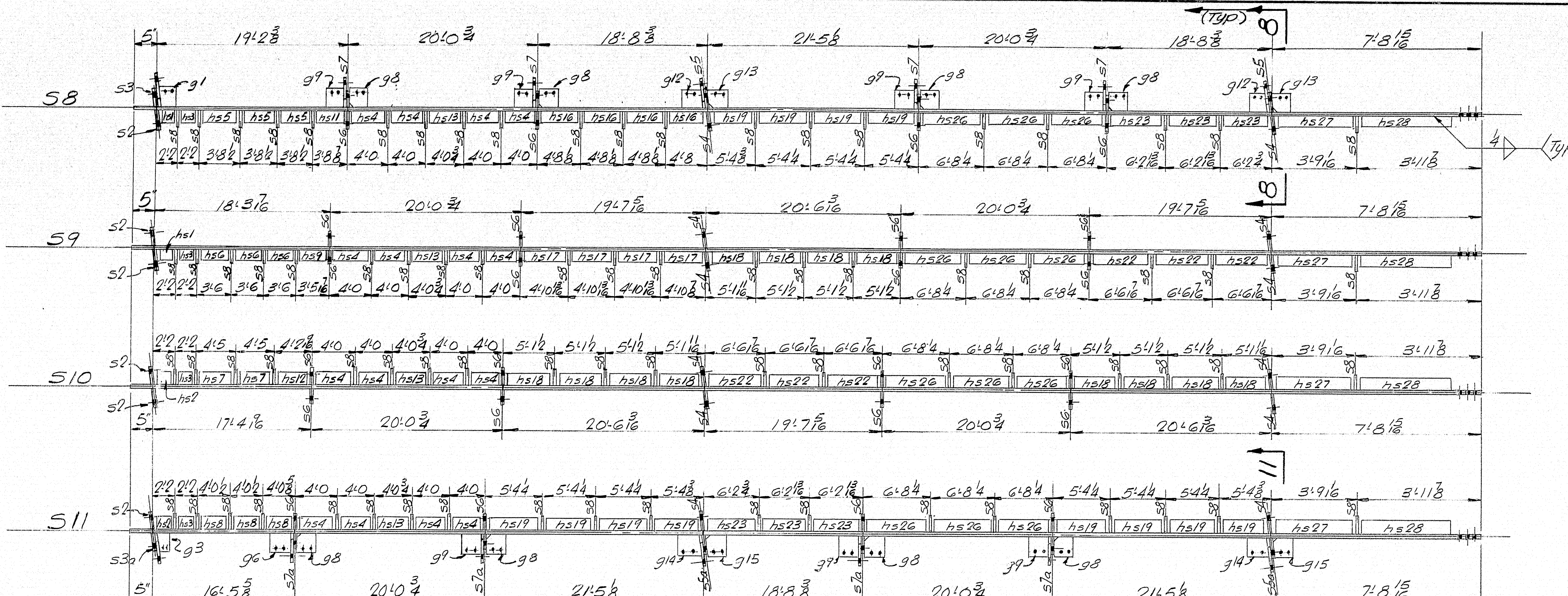
CUSTOMER: THOMAS DICENZO
DESIGNER: MAINE S.H.C. BRIDGE DIV.

ORDER NO. VERBAL DWG NO. 65-68-518

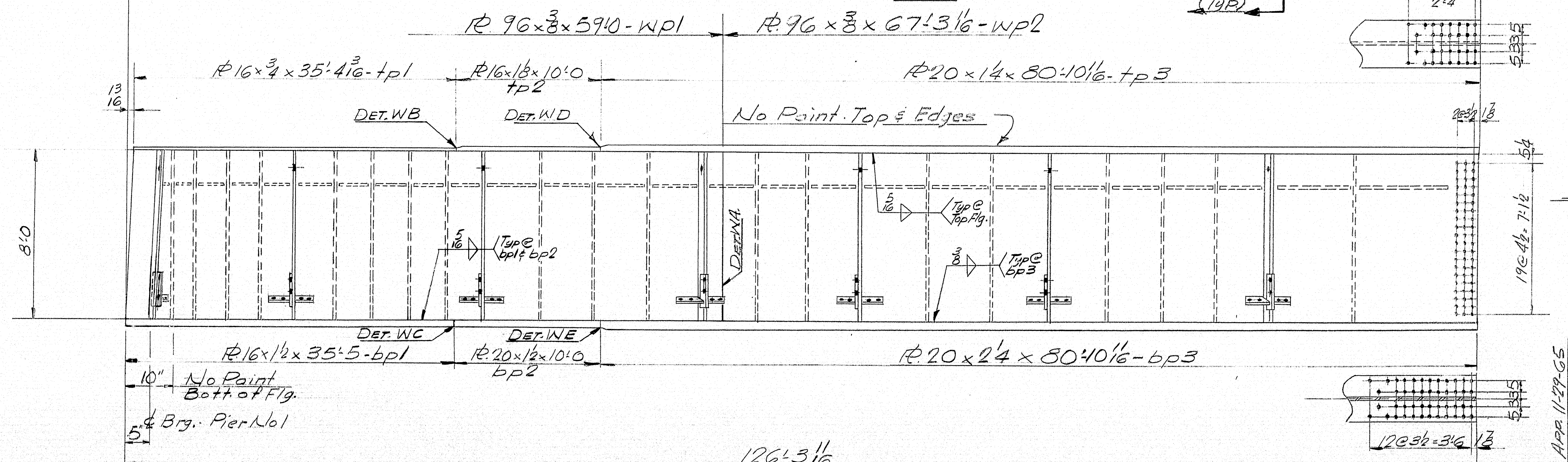
DRAWN	10-6-65 JRF.
REVISION	
REVISION	
REVISION	

APP. 11-29-65





Above Sections taken looking down @ web



GIRDERS S8-S9-S10 & S11
MAKE ONE OF EACH

NOTE
Web & Flgs A.S.T.M. Desig. A-441
All other steel A.S.T.M. Desig. A-36

For Welding Details see Dwg. S13
For Camber Diagram see Dwg. S12
For Stiffener Details see Dwg. S14
For Gusset Details see Dwg. S15-S16
For Stud Layout see Dwg. S21
For Sections 8-6 & 11-11 see Dwg. S20

SPRICE NOTE
HOLES ARE FOR HIGH TENSILE BOLTS
They are to be free from burrs
and shall not be painted on any
surface within 5\"/>

PROJ. No. I-95-9(13)

GIRDERS- 58-59
S10-S11

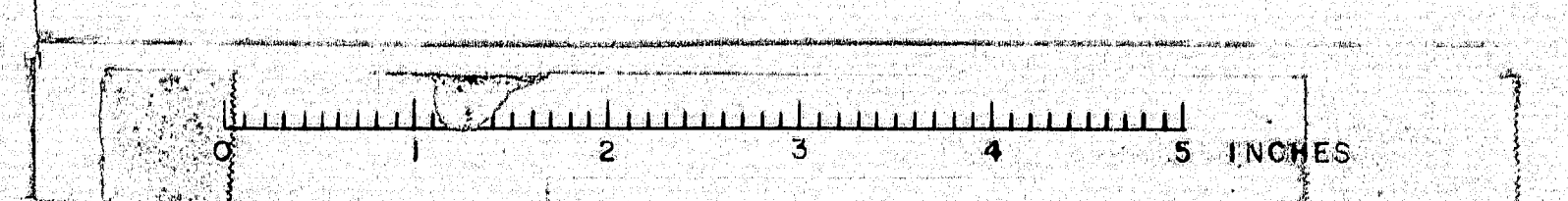
Bannock & Martin Inc.
South Portland 7, Maine

I-95 OVER BEARRYARDS
OAKFIELD, MAINE

CUSTOMER THOMAS DICENZO
DESIGNER MAINE S.H.C. BRIDGE DIV.

ORDER NO. VERBAL DWG. NO. 6568-S18

98-136



SHIP		BILL OF MATERIAL				DWG. NO.	6568-519	
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS		
57A	1		GIRDER	50.9	—	A.S.T.M. Desig. A36 ITEM 702-103.2		
512A	1		D _o	50.9	—			
	2	WP3	R 36 x 3/8	50.9				
	2	WP2	R 16 x 1/8	10.0				
	2	WP4	R 20 x 1/4	5.23				
	2	WP5	R 16 x 3/4	35.6				
	2	WP1	R 16 x 1/2	35.5				
	2	WP2	R 20 x 1/2	10.0				
	2	WP4	R 20 x 2 1/4	5.23				
	2	SP1	R 22 x 3/8	7.6				
	2	SP2	R 20 x 3/4	5.4				
	2	SP3	R 20 x 1 3/8	7.3				
	4	SP4	R 9 x 3/8	5.4				
	4	SP5	R 9 x 1/2	7.8				
	2	S1	Bar 7 x 1"	8.04				
	2	S2	D _o	8.04				
	4	S6	Bar 6 x 1/2	8.0				
	20	S8	Bar 6 x 3/8	8.0				
	1	HS1	Bar 5 x 3/8	1.11				
	1	HS2		1.16				
	2	HS3		2.08				
	11	HS4		3.10				
	1	HS6		3.43				
	2	HS10		3.9				
	2	HS13		3.114				
	1	HS14		3.74				
	2	HS15		4.103				
	1	HS29		5.58				
	1	HS30		5.52				
	1	HS35	Bar 5 x 3/8	3.33				
	1	92	Bar 8 x 3/8	2.615				
	1	94		1.16				
	1	95		1.16				
	2	97		2.32				
	1	98		1.46				
	1	911	Bar 8 1/2 x 3/8	1.616				
	1	917	R 8 1/2 x 3/8	2.8				
	1	917	Bar 3 x 3/8	2.8				
236 SHOP BOLTS				0.5	ITEM 705-17			
FIELD BOLT				0.14	w/Nuts			

Mat. A.S.T.M. Desig A36
ITEM 702-103.2 unless noted

Mat. A.S.T.M. Desig A36
ITEM 702-103.2 unless noted

SHOP CONNECTIONS: Welded
FIELD CONNECTIONS: Bolted
MOLES: As Noted
PAINT: Red Lead per Maine Specs.

Prov. No. I-95-9(13)

GIRDERS 57A & 512A

Princeton & Martin, Inc.
South Portland, Maine

I-95 OVER BARRIERS
OAKFIELD, MAINE

DRAWN	10-665 J.P.H.	CUSTOMER	THOMAS DICENZO
REVISION		DESIGNER	MAINE S.H.C. BRIDGE DIV.
REVISION		ORDER NO.	VERBAL
REVISION		DWG. NO.	6568-519

