

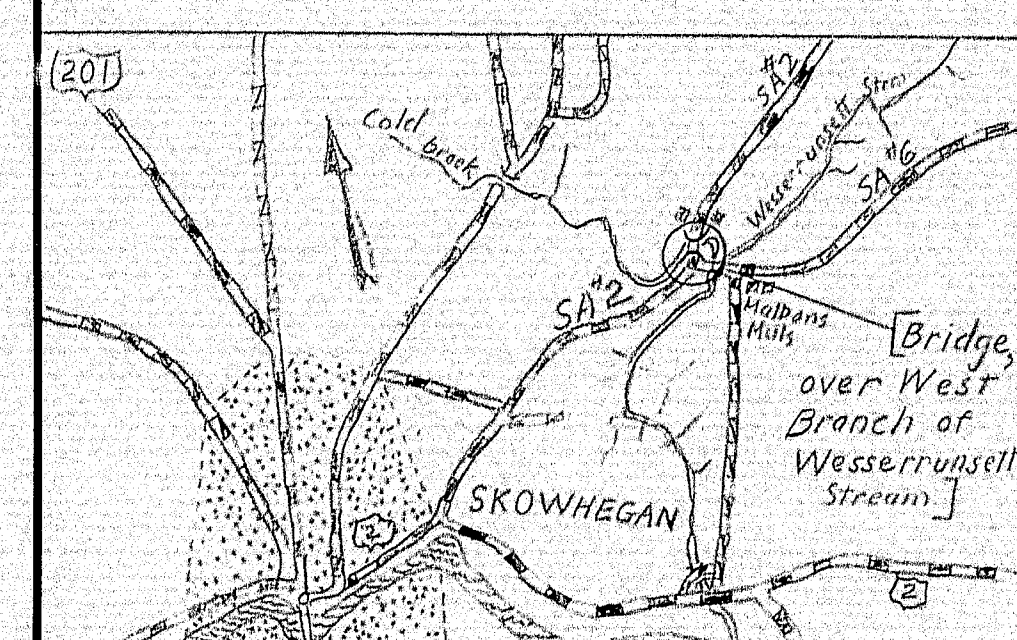
~ NOTES ~  
All Utility Plant is to be adjusted as necessary by the respective Utilities, unless noted.

### CURVE DATA

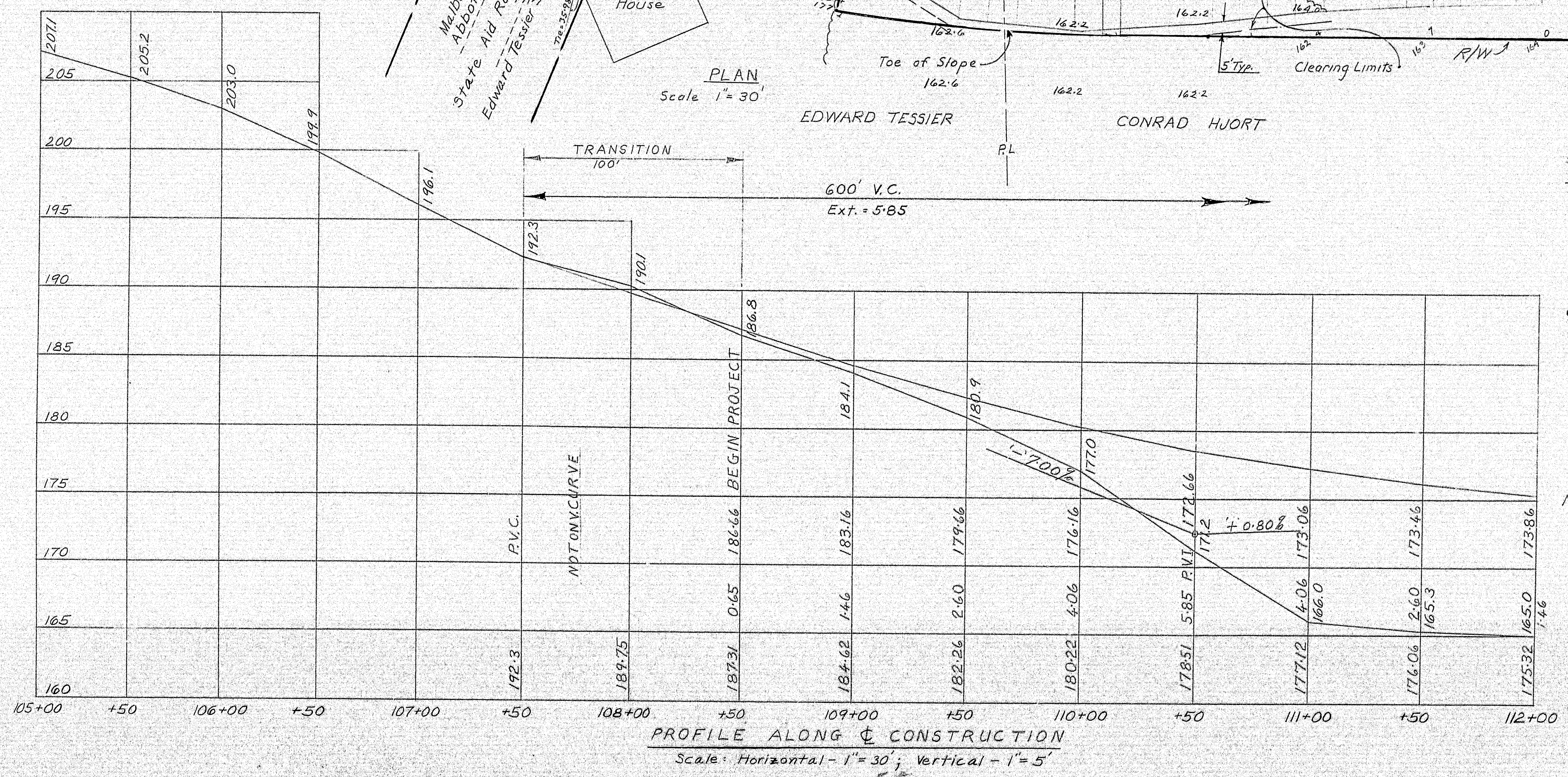
$\Delta = 51^{\circ}33'$   
 $D = 8"$   
 $T = 345.86'$   
 $L = 644.38'$   
 $E = 79.15'$

### INDEX OF SHEETS

SHEET No.	TITLE
1,2,3	Survey
4	Foundation Survey
5	Typical Sections
6	Cross Sections 105+37 to 107+75
7	Cross Sections 107+81 to 111+0
8	Cross Sections 111+50 to 115+0
9	Cross Sections 115+50 to 119+50
10	Cross Sections 119+89 to 121+0
11	Abutment No 1
12	Abutment No 2
13	Structural Steel
14	Structural Steel & Blocking
15	Superstructure Lay-out & Quantities
16	Superstructure
17	Reinforcing and Details
STANDARD DETAILS	
BD-104-66	Armored Joints, Shear Connectors, Drain
BD-106-65	Aluminum Railing
Feb. 1968	Type 16 Guard Rail & Anchors
Feb. 1968	Field Office Type "C"



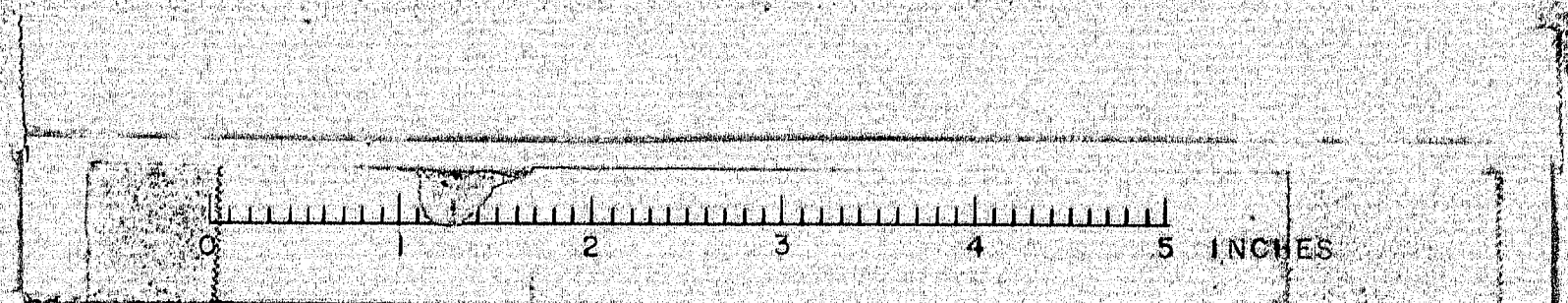
LOCATION MAP  
Scale 1"=1 Mile



**SPECIFICATIONS**  
DESIGN ~ A.A.S.H.O. Standard Specifications for Highway Bridges 1965.  
CONTRACT ~ State of Maine, State Highway Commission, Standard Specifications for Highways & Bridges, Revision of June 1965.  
LIVE LOADING ~ H20-44  
ALLOWABLE STRESSES ~  
Concrete -  $f_c = 1200$  p.s.i.;  $n = 10$   
Reinforcing Steel, Intermediate Grade ~  $f_s = 20,000$  p.s.i.  
Structural Steel - A572 Grade 50  
 $f_s = 27,000$  p.s.i.  
A36  $f_s = 20,000$  p.s.i.  
CONCRETE CLASSIFICATION ~ All Concrete Class "A"  
STRUCTURAL STEEL CLASSIFICATION ~  
GIRDER TOP FLANGE A36.  
GIRDER WEB, A572 Grade 50  
GIRDER BOTTOM FLANGE, A572 Grade 50  
Stiffeners ~ A36  
Bearing Pedestals ~ A36  
Anchor Bolts ~ A36 or A307  
All Other ~ A36

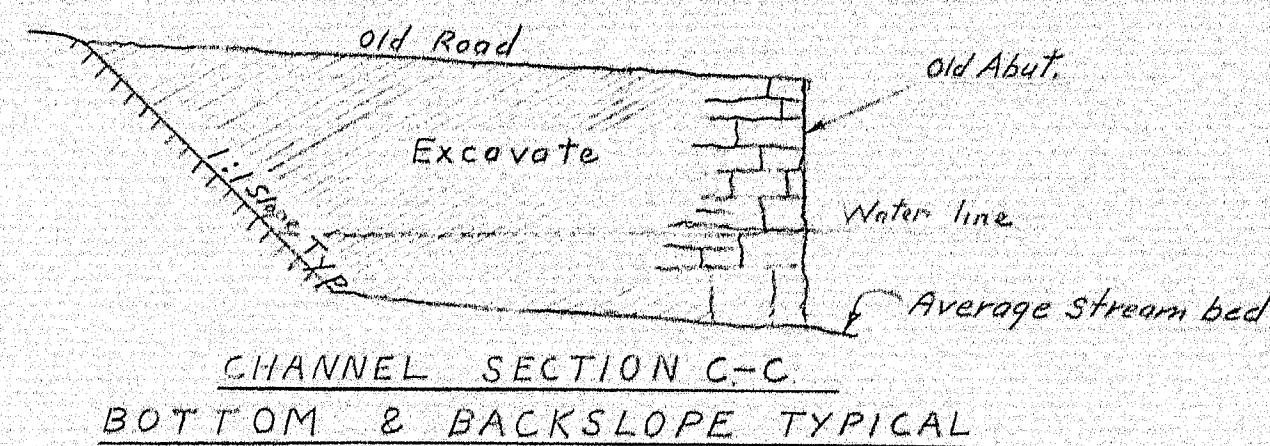
NOTE - Revision 10-14-68 - New pole CMPJ to be installed 32' left of Sta. 109+50. Clearing necessary to install pole will be paid for under Item 201.11 "Clearing".

DESIGN - H.L.D.	BRIDGE NO. 1773
TRACE - S.A.P.	SURVEY - F. Barnes
CHECK - J.H.L.	PLOT - D. Purinton
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
WEST RIDGE BRIDGE	
IN THE TOWN OF	
SKOWHEGAN	
SOMERSET COUNTY	
SURVEY	
SHEET 1 OF 17 AUGUSTA, MAINE JAN. 1968	

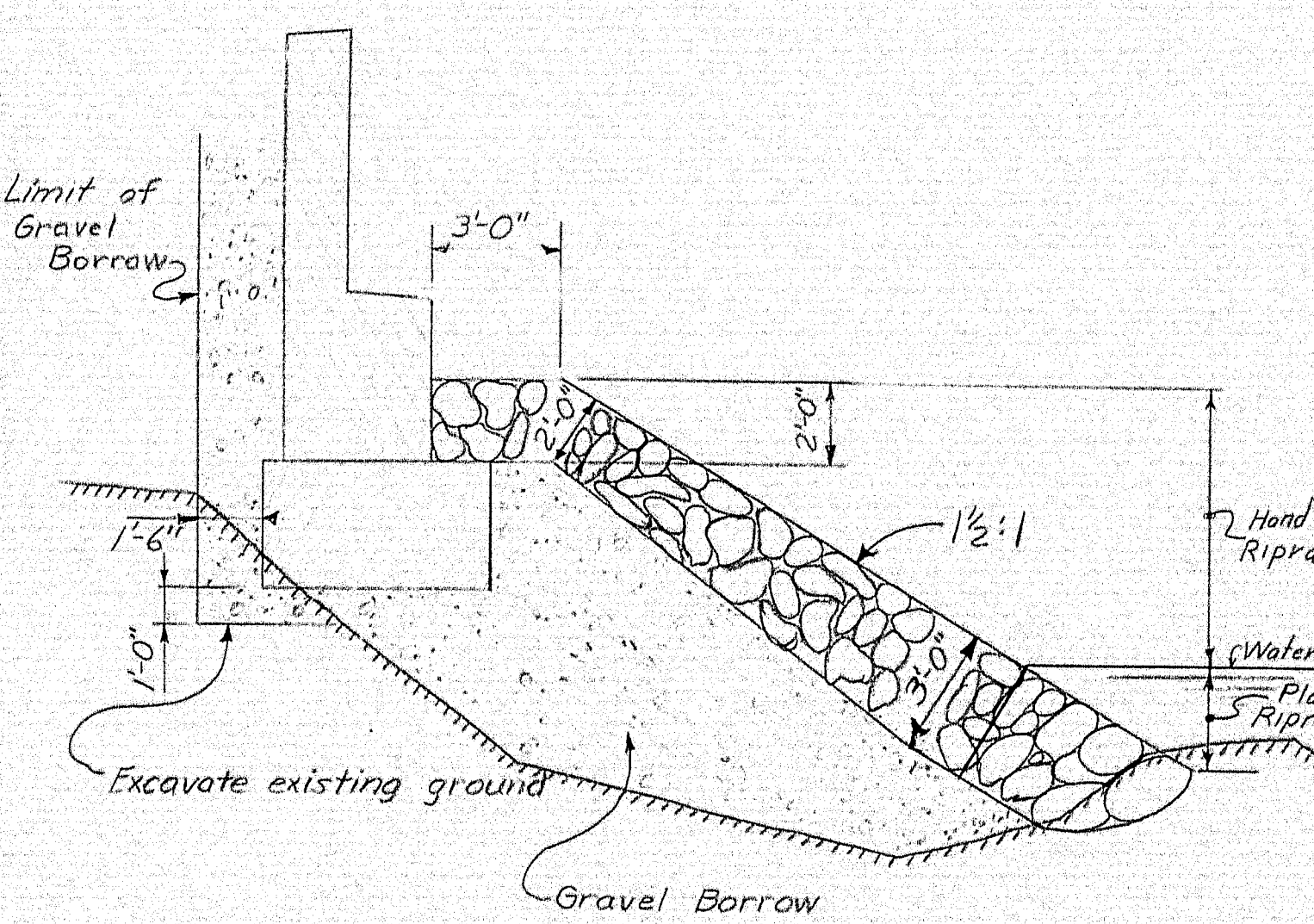




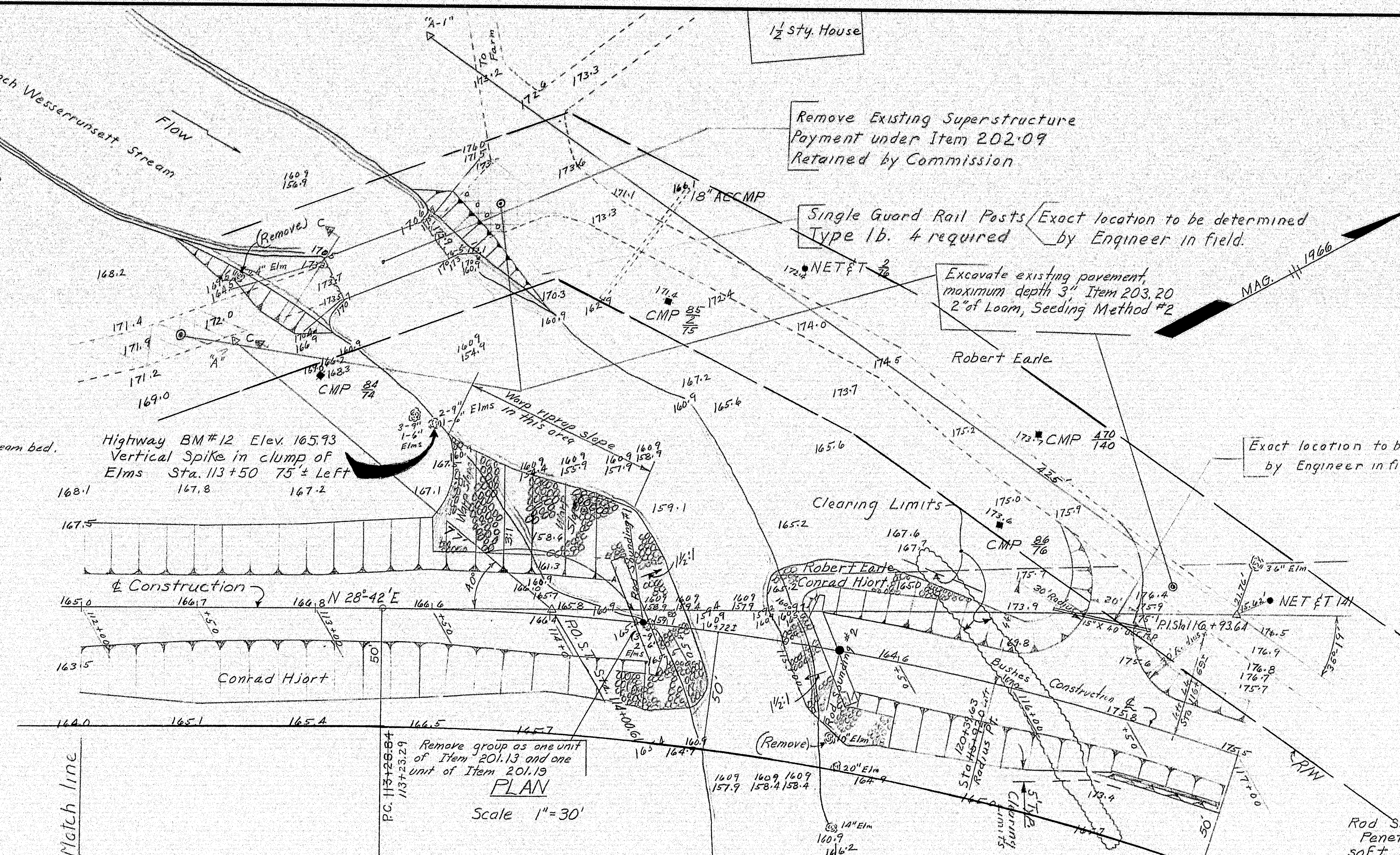
Note:  
Remove Existing Abutments & Approach embankments  
Payment to be made under Item 206.12 Structural Earth Excavation - Channel



**SURVEY NOTES**  
Stream - Fast current, fast rise & fast runoff. High water Elev. 171.0  
Foundation - Probable sand or gravel  
Substructure - Cut stone masonry partially mortared, capped with concrete. Good condition  
Superstructure - 3" longitudinal plank on 3" transverse plank on 22-4x12 wood stringers on 3-15" I cross stringers on 2-33" steel longitudinal stringers. Good condition.  
Approaches - Narrow bituminous treated, fair condition.  
Utilities - CMP Co. & NET & T Co.  
NOTE - All utility plant is to be adjusted as necessary by the respective utilities, unless noted

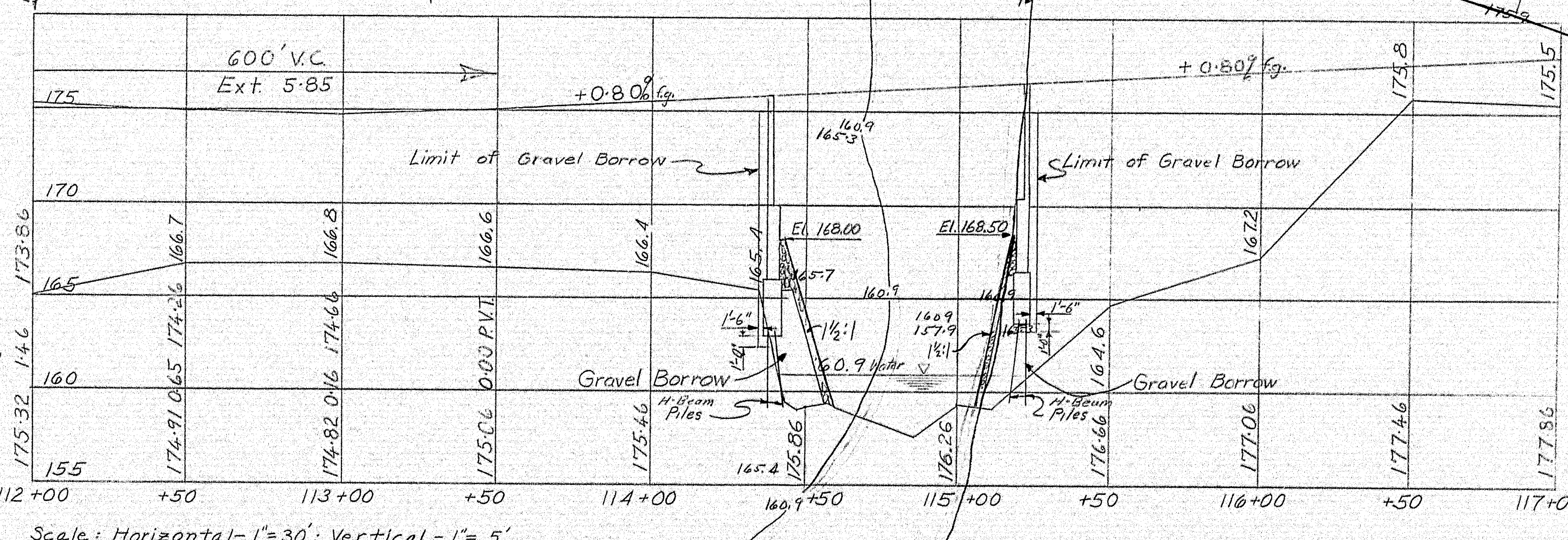


RIPRAP AND GRAVEL BORROW DETAIL



**CURVE DATA**  
 $\Delta = 35^\circ 19' 35''$   
 $D = 5'$   
 $T = 364.80$  370.35  
 $L = 706.33$  710.34  
 $E = 56.66$   
 $R = 1146.28$

**SOUNDINGS**  
Rod Sounding #1 @ Sta. 114+40  
Penetrated easily thru first 12' thru soft material. Final 9' very firm driving (10 to 12 blows per inch) probably sand or fine gravel. Tip - Elev. 140.0  
Rod Sounding #2 @ Sta. 115+25  
Penetrated easily first 11' thru soft material firm driving next 3' Tip - Elev. 142.0

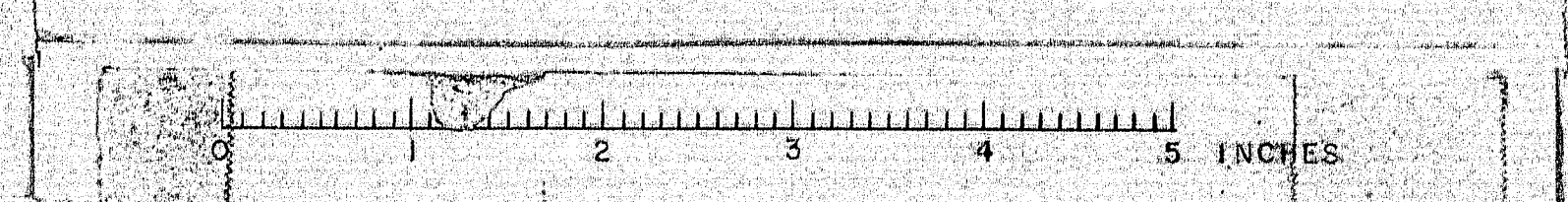


PROFILE

FIELD CHANGES BY K. ZIMMERMAN 7-2-64

DESIGN - HLP TRACE - DAP CHECK - AP	BRIDGE NO. 3779 SURVEY - F. Barnes PLOT - D. Purinton
STATE HIGHWAY COMMISSION BRIDGE DIVISION <b>WEST RIDGE BRIDGE</b> IN THE TOWN OF <b>SKOWHEGAN</b> SOMERSET COUNTY SURVEY	
SHEET 2 OF 17 AUGUSTA, MAINE JAN. 1968	

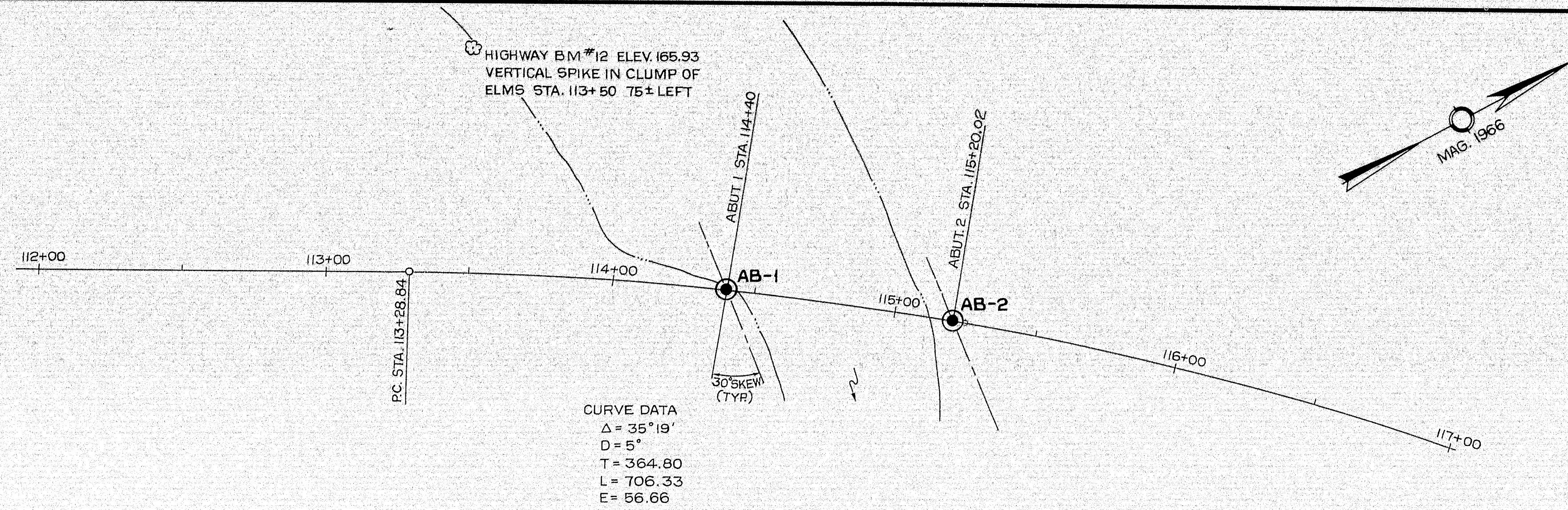
102-98



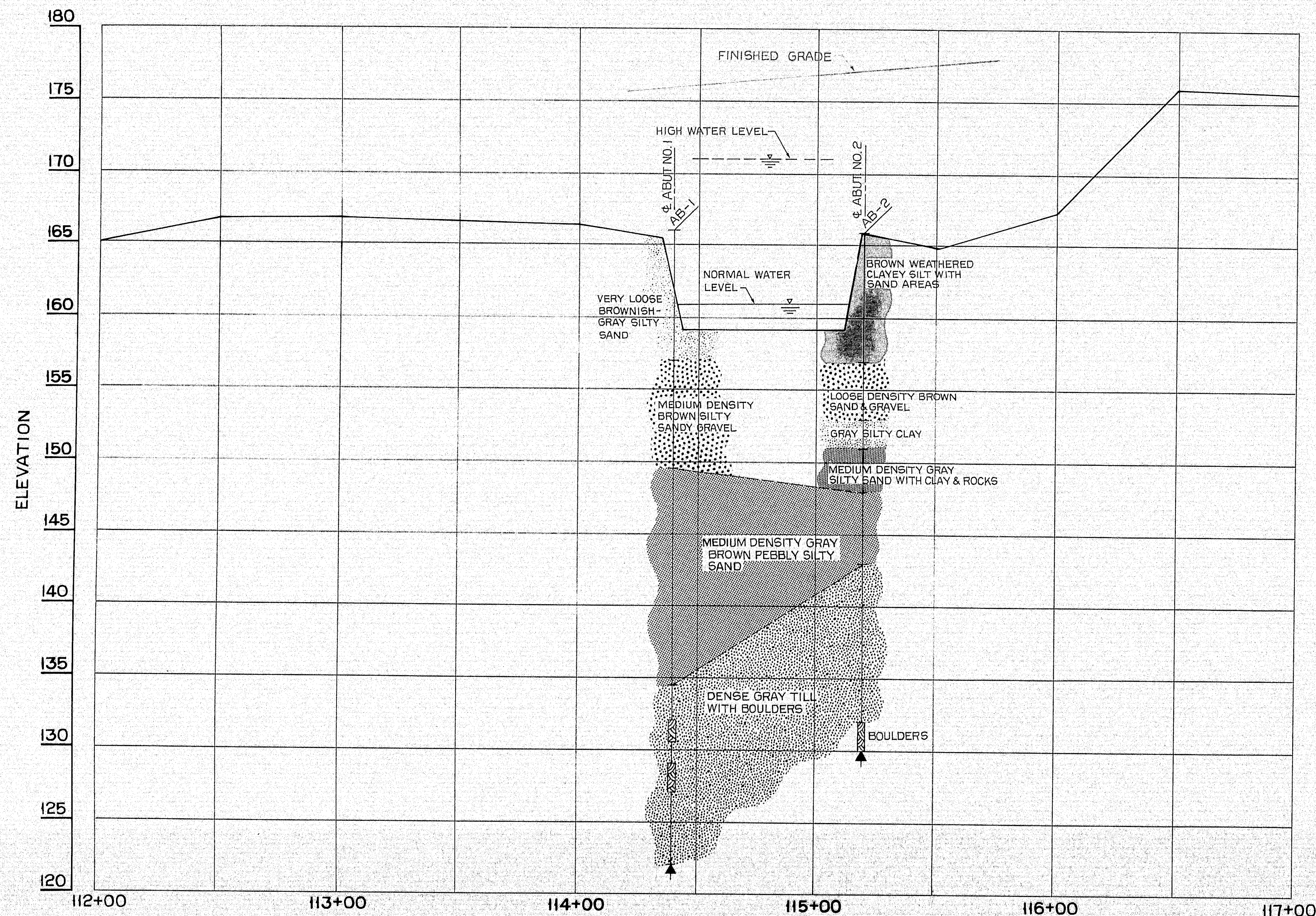






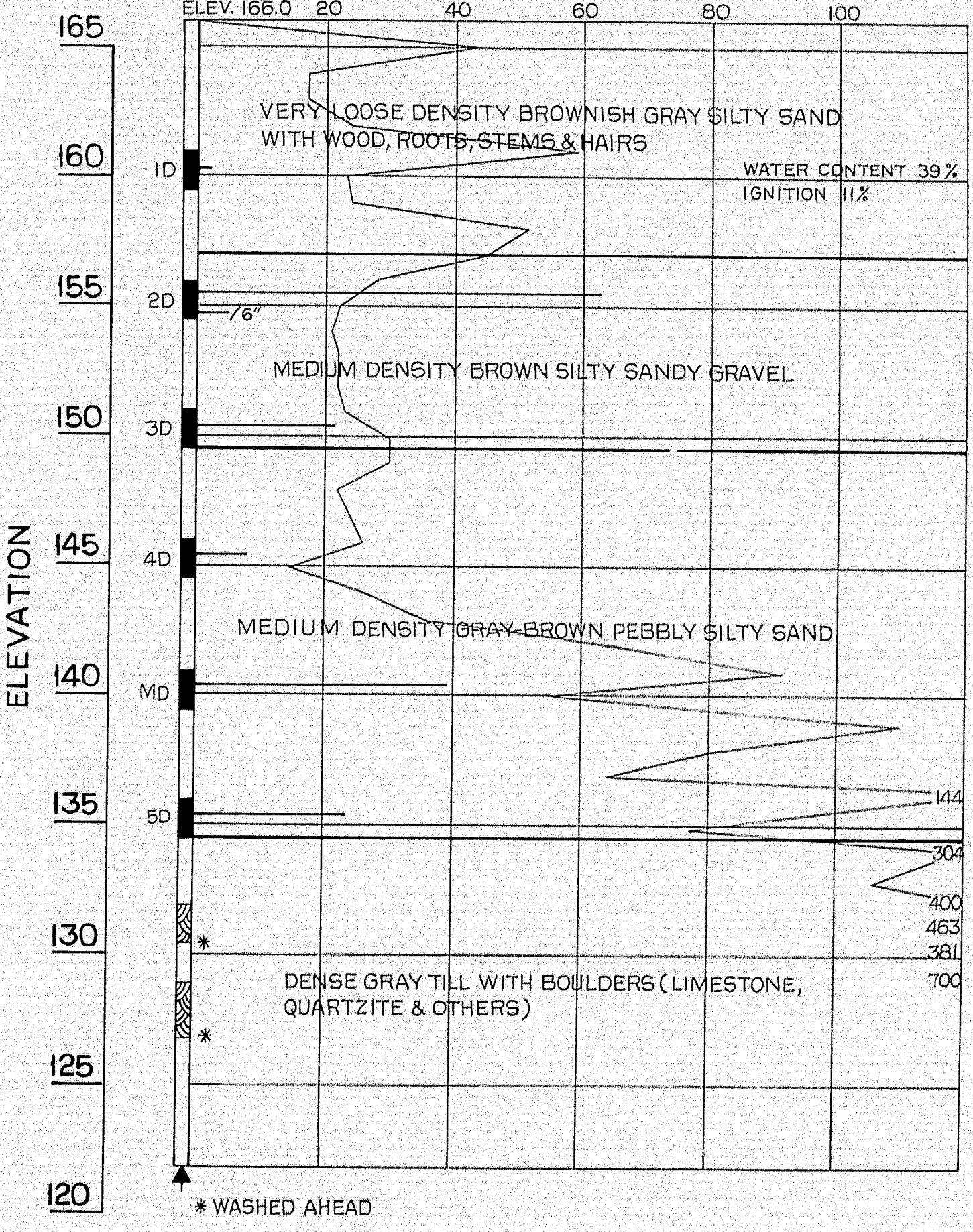


**PLAN**  
SCALE: 1"=30'

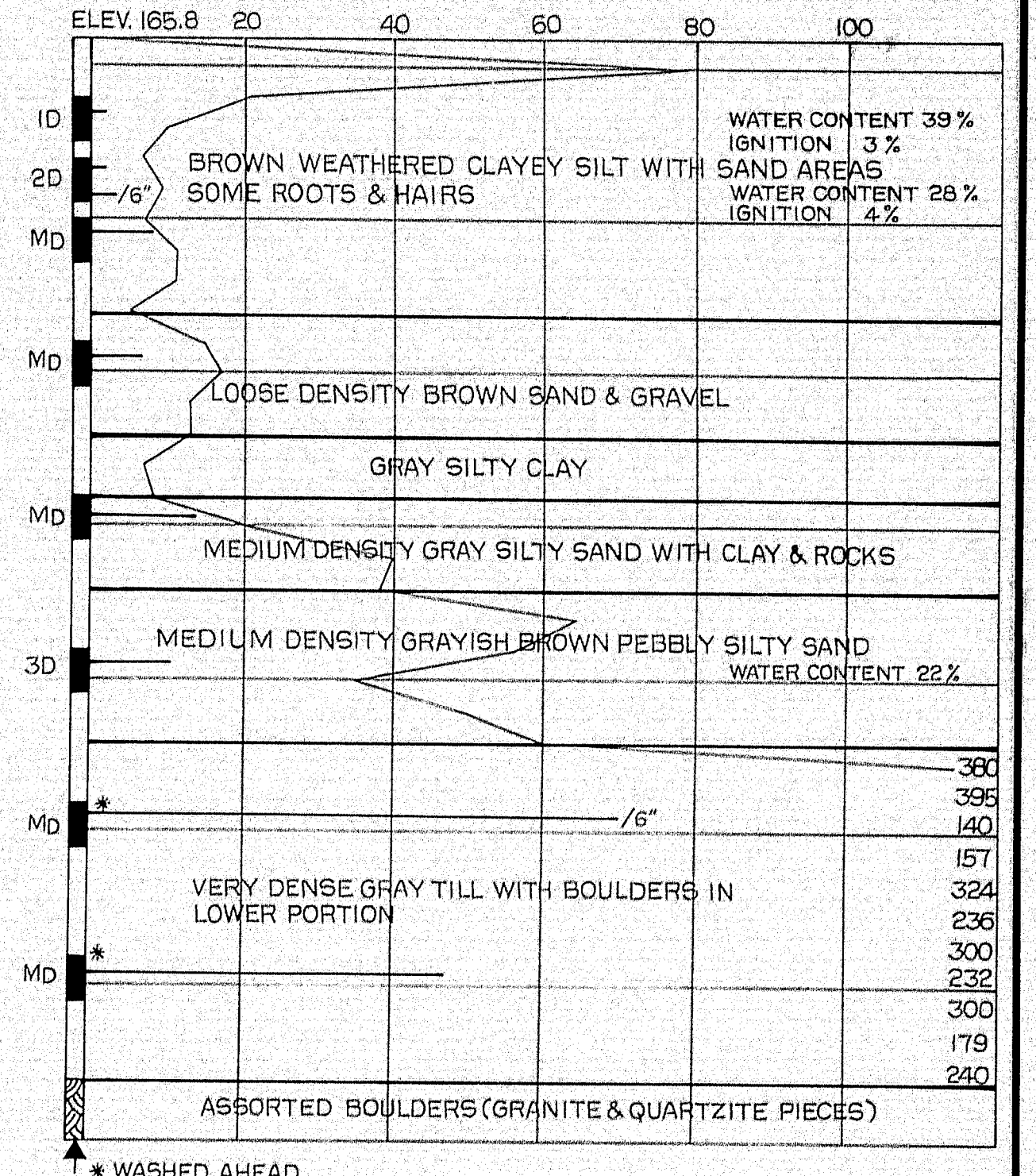


**PROFILE**  
SCALE: 1"=30' HORIZ.  
1"=5' VERT.

**BORING AB-1** 2½" CASING  
STATION 114+40 & ABUT. NO. 1



**BORING AB-2** 2½" CASING  
STATION 115+20 & ABUT. NO. 2

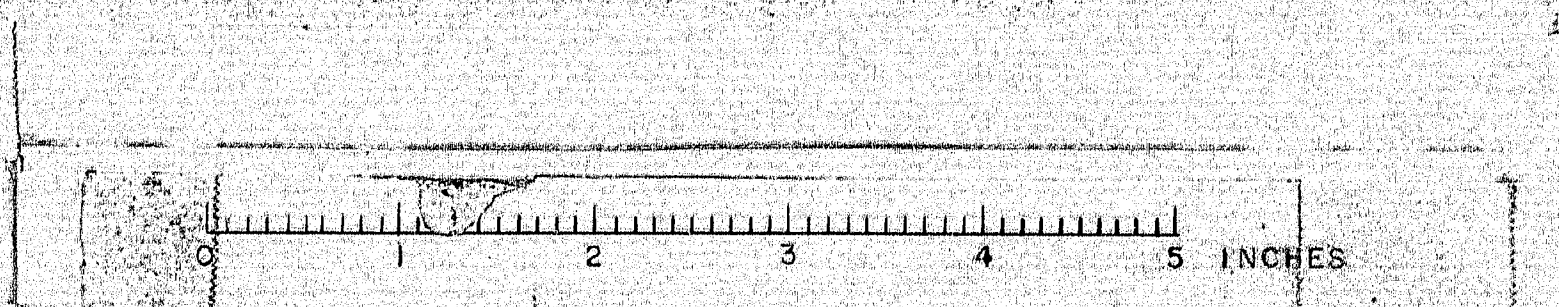


**BORING NOTES**

- ALL SAMPLES AND VANS ARE MADE AHEAD OF CASING
- WATER ELEVATION
- NUMBER OF BLOWS REQUIRED TO DRIVE EXTRA HEAVY CASING ONE FOOT WITH 400 FT. LBS. OF ENERGY PER BLOW
- LOCATION OF SAMPLE OR SAMPLE ATTEMPT
- NUMBER AND TYPE OF DRY SAMPLE
- S & H SAMPLER #1290'S
- UNSUCCESSFUL SAMPLE ATTEMPT AND TYPE OF SAMPLER
- NUMBER OF BLOWS REQUIRED TO DRIVE SPOON OR TUBING ONE FOOT WITH 350 FT. LBS. OF ENERGY PER BLOW
- BOTTOM OF BORING (MAY NOT BE BOTTOM OF SOIL STRATA)
- LOCATION CORED BY DIAMOND BIT AND PER CENT RECOVERY OF ROCK

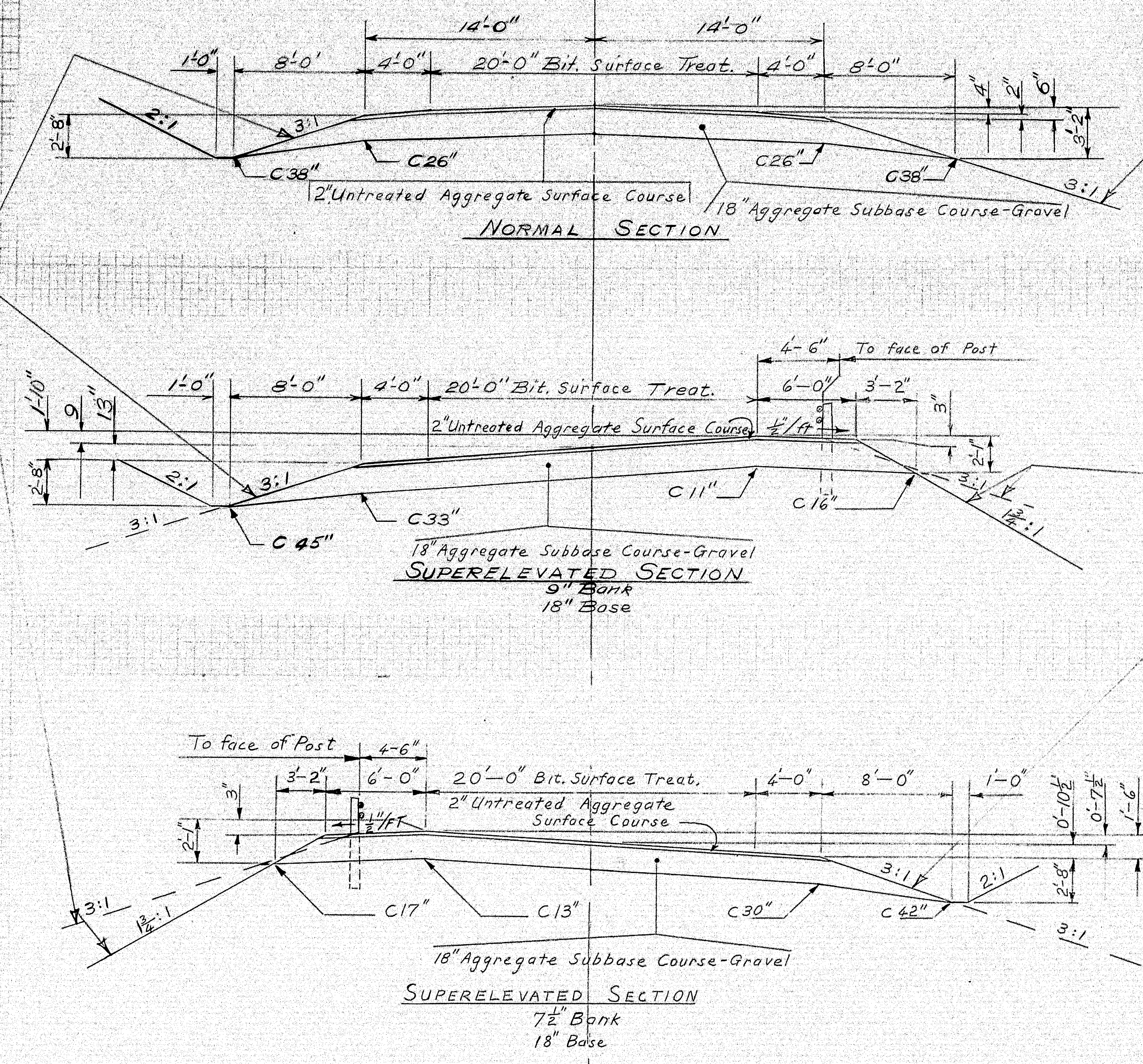
DESIGN- TRACE- CHECK-	Soil Division	BRIDGE NO. 377
		SURVEY- PLOT-
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
<b>WEST RIDGE BRIDGE</b>		
IN THE TOWN OF <b>SKOWHEGAN</b>		
SOMERSET COUNTY		
FOUNDATION SURVEY		
SHEET 4 OF 17 AUGUSTA, MAINE MAY 1968		

102-99A





2" Loom & Seeding  
Method #2 Typ

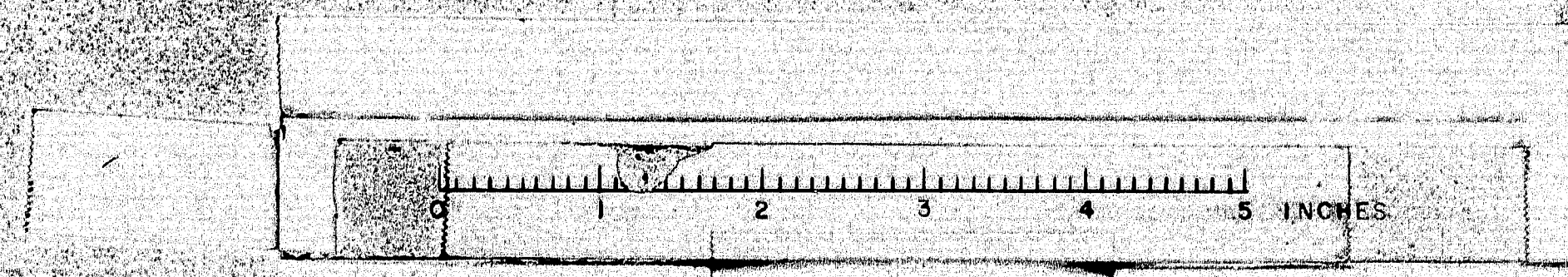


2" Loom & Seeding  
Method #2 Typ

- NOTE ~ Item 410.20 Bituminous Surface Treatment shall be in accordance with Section 410 and shall consist of the following:-
1. The prime coat shall be Road Tar (RT-5) applied at the rate of 0.5 ± gallons per sq. yd.
  2. The blotter material shall be sand applied to a depth of 1/4".
  3. The seal coat shall be RT-5 applied at the rate of 0.2 ± gal. per sq. yd.
  4. The cover coat shall be sand applied to a depth of 1/4".
  5. The quantity of blotter material may be varied or omitted in accordance with the first paragraph of Subsection 410.08 of the Supplemental Specification Section 410, April 11, 1967.

DESIGNED BY L. WILLIAMS	CHECKED BY L. WILLIAMS	BRIDGE NO. 3773
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
WEST RIDGE BRIDGE		
IN THE TOWN OF SKOWHEGAN		
SOMERSET COUNTY		
TYPICAL SECTIONS		
SHEETS OF 17 AUGUSTA, MAINE MAY 1968		

102-99B





R. P. R.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			

D. M. HARRIS  
D. HARRIS  
1945  
1947

+79  
9' Elm  
Save

+71  
9' Elm  
Save

-5 194.5' +6

+75  
Road Rt.  
Skewed Bk. 4:10

START TRANSITION

+50

185

107+0

190

+50  
Tugs House Rt.

195

+23  
Drive Gorge Rt.

195

+12  
10' Hot Top Drive Lt.  
Skewed Bk. 6:10

200

106+0  
House Lt.

195

+79  
Camp

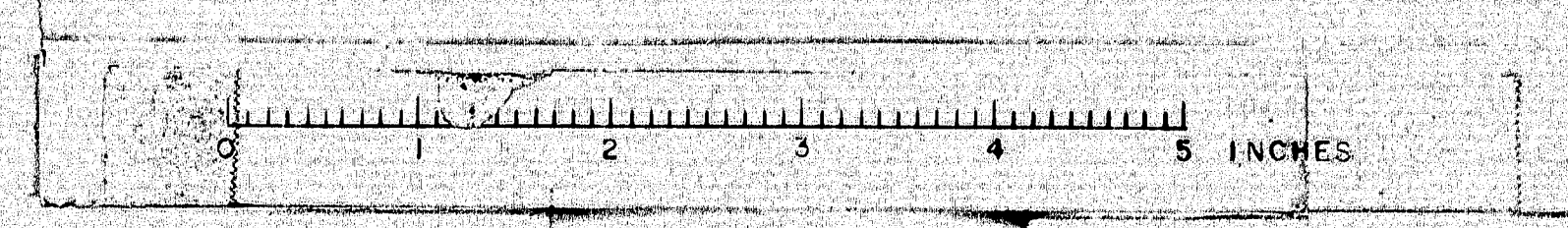
+98  
+98  
+W Birch

+50

200

105+37  
10' Hot Top Drive Lt., Skewed 44d 6:10

195





1967  
1966



1997

[illegible]

100

Drive Lt.

re Rf.

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			

WEST RIDGE BRIDGE Br. No. 3773

Skowhegan  
7 of

7 of 11



1324

R. M. HANCOCK  
D. HANSON

+7 1/2 176.26 -7 1/2

+20 = 14.5' \* 2

+7 1/2 175.86  
115.70  
Stream

Span = 80'

+50 155  
+40 = 4' Abut #1  
-7 1/2  
175.46

1 3/4'

Gravel Bank (See plan)

Warp Slope to ft Stream bank (See plan)

Gravel Bank below Water

+4 160  
175.06 -6

Warp Slope

3'-6"

+50 160  
Old Bridge Lt.

0 174.82 -5

3:1

113+0 160  
-4 174.91

-4

3:1

+50 160  
175.32 -4

-4

3:1

112+0 160  
176.06 -4

-4

3:1

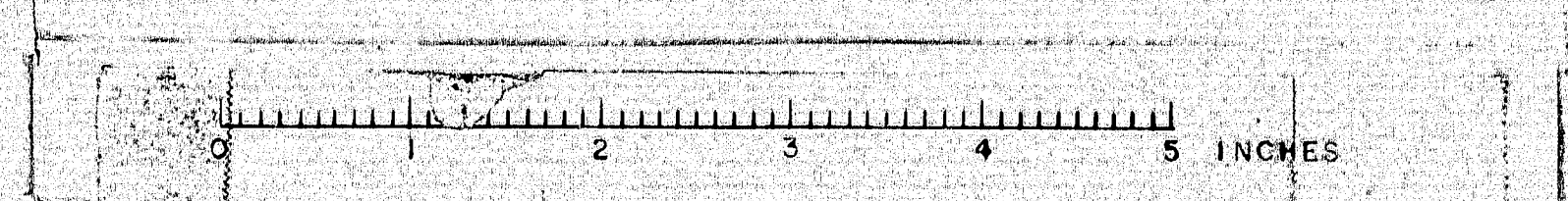
111+50 160  
-4

F-837 C.Y.

F-881 C.Y.

S. P. R.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			

West Ridge Bridge B. No. 3773 Skowhegan S. A. 8 of 17





R. Hansen  
1966  
1967

+66  
NET  
#50  
#43

+2 180+95

+50

175

+25  
CMP 88

+5

177+94

1940  
END PROJECT  
START TRANSITION

175

+7 1/2

179+18

-7 1/2

+50

175

+32  
NET  
#42

+7 1/2

178+66

-7 1/2

118+0

170

+7 1/2

178+26

-7 1/2

+50

170

+35  
CMP 87

+7 1/2

177+86

-7 1/2

117+0

170

+7 1/2

177+46

-7 1/2

+50

170

116+32 ±  
Const. Ent. Lt.  
Install 15'x40' B.C.C.M.P.

7 1/2

177+66

175

160

116+0

-7 1/2

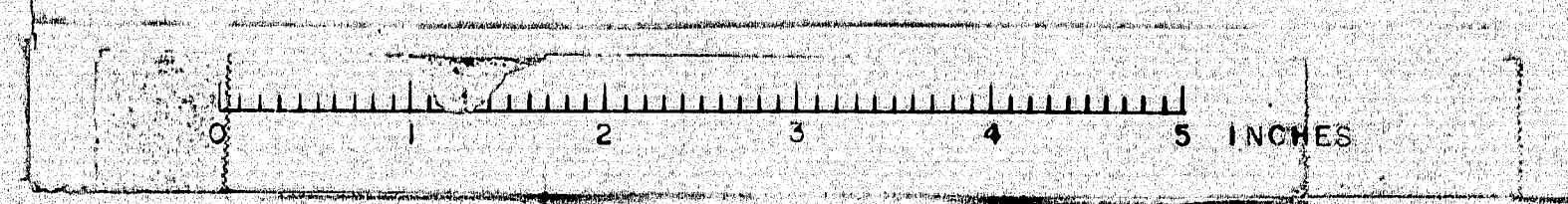
+7 1/2

176+66

-7 1/2

160

115+50



West Ridge Bridge Br. No. 3773 Skowhegan S.A.  
9 of 17

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			



8. Plan for  
D. 1/10/57

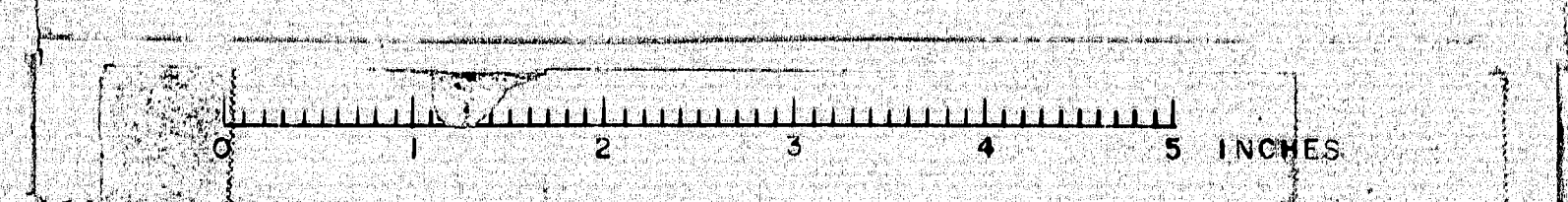
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			

+20  
NET 144

+100  
CMP 893

+76  
CMP 893

SILL



West Ridge Bridge Bk No. 3779 Skowhegan S.A. #2  
10-11-57

121+0

180

+50

175

175

+50  
Drive Rt. Skewed Bk 5:10

END TRANSITION STA 120+50

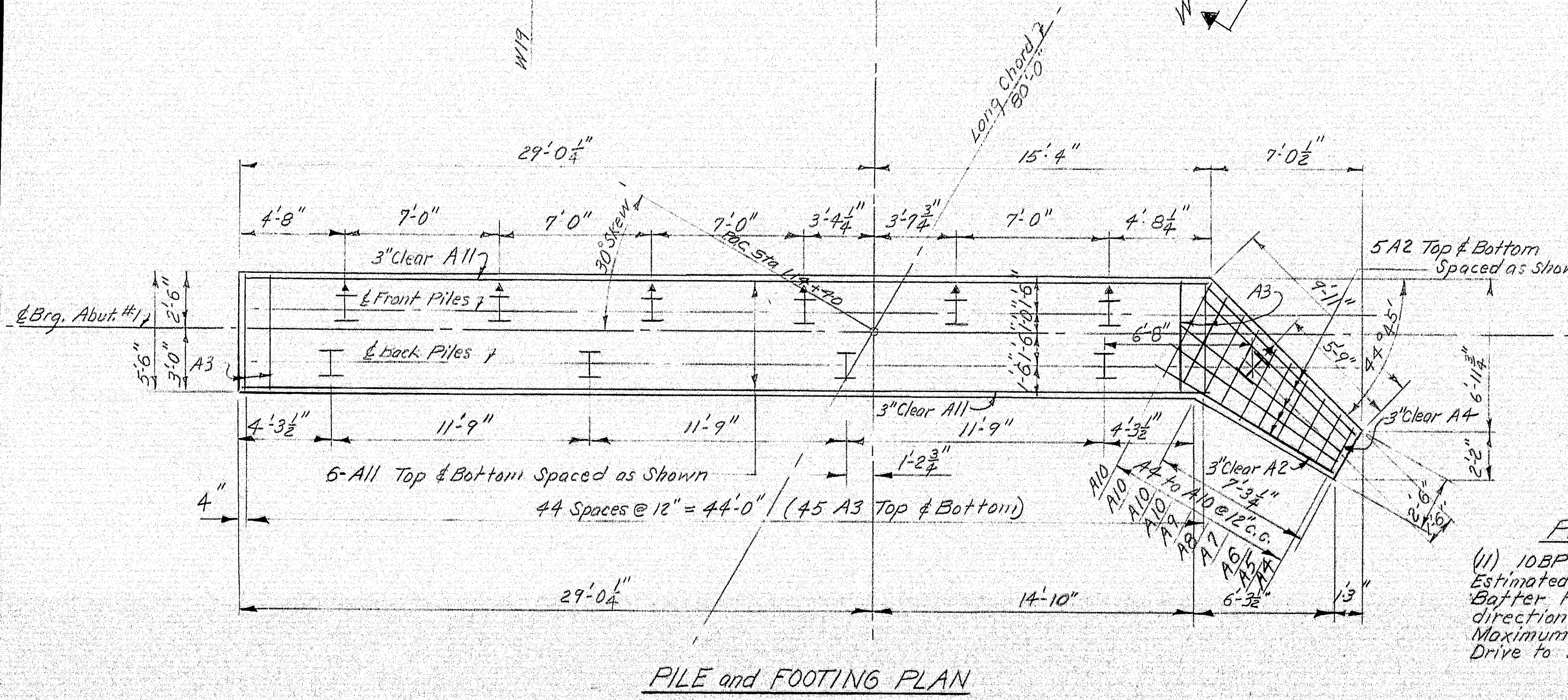
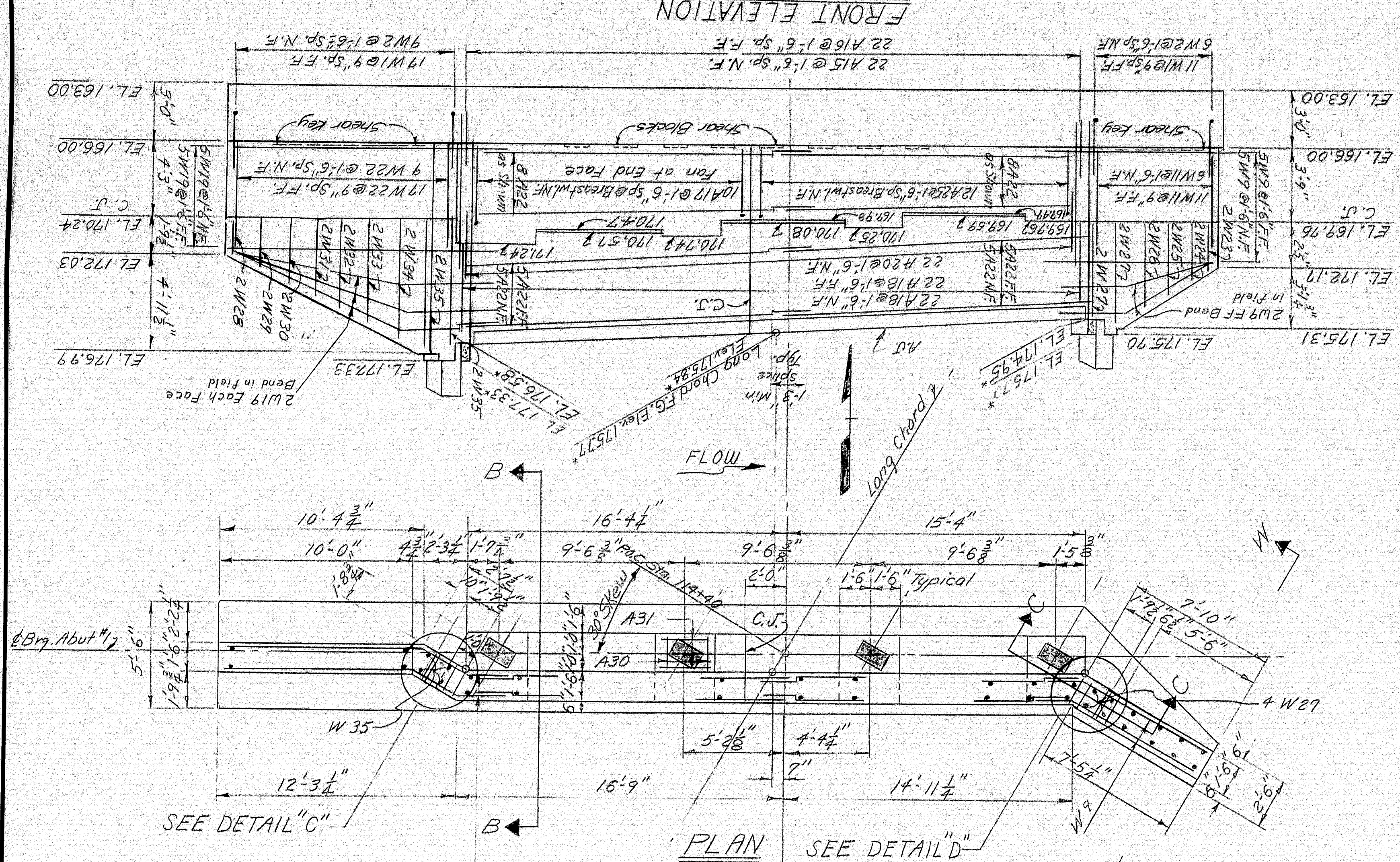
175

120+0 Rt.  
House

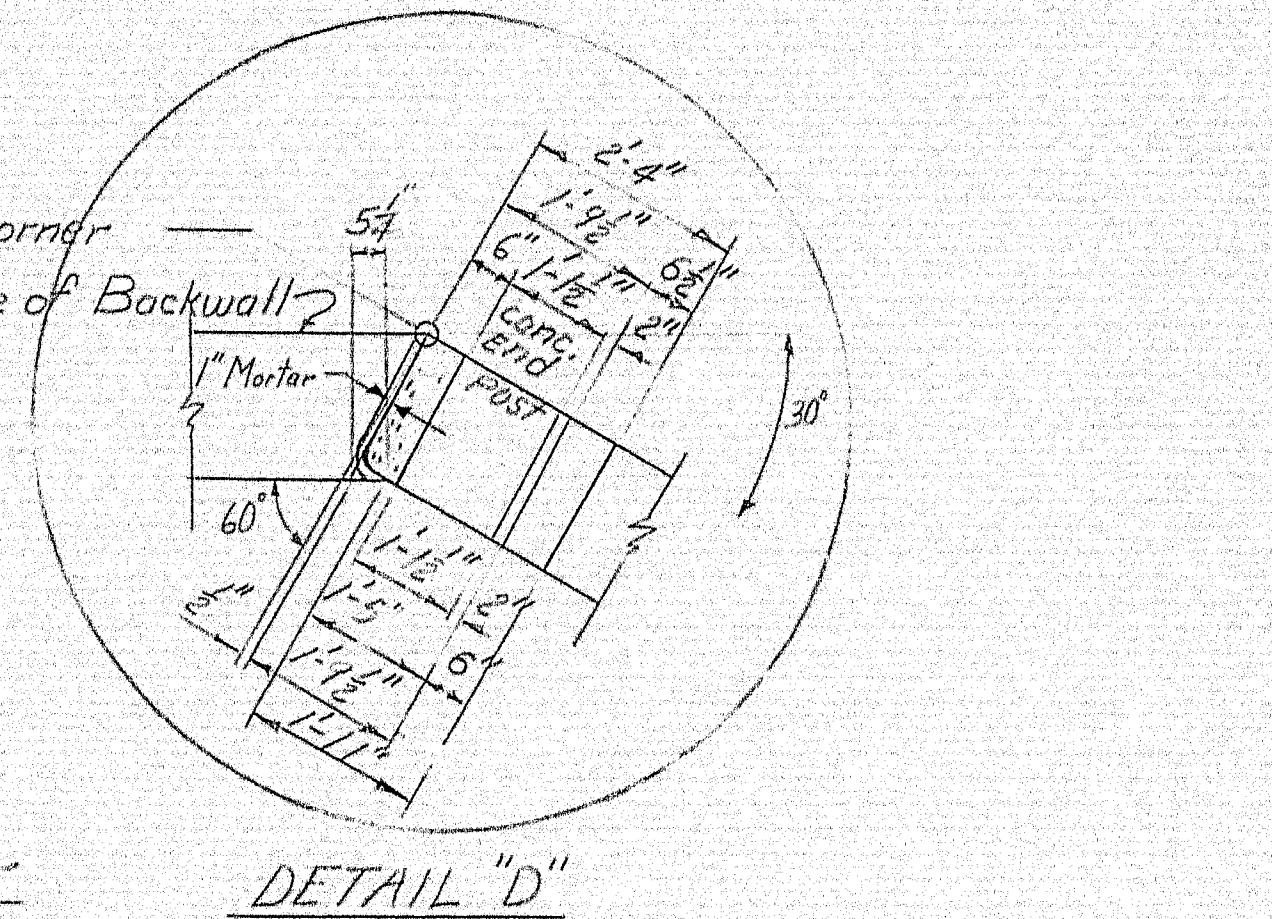
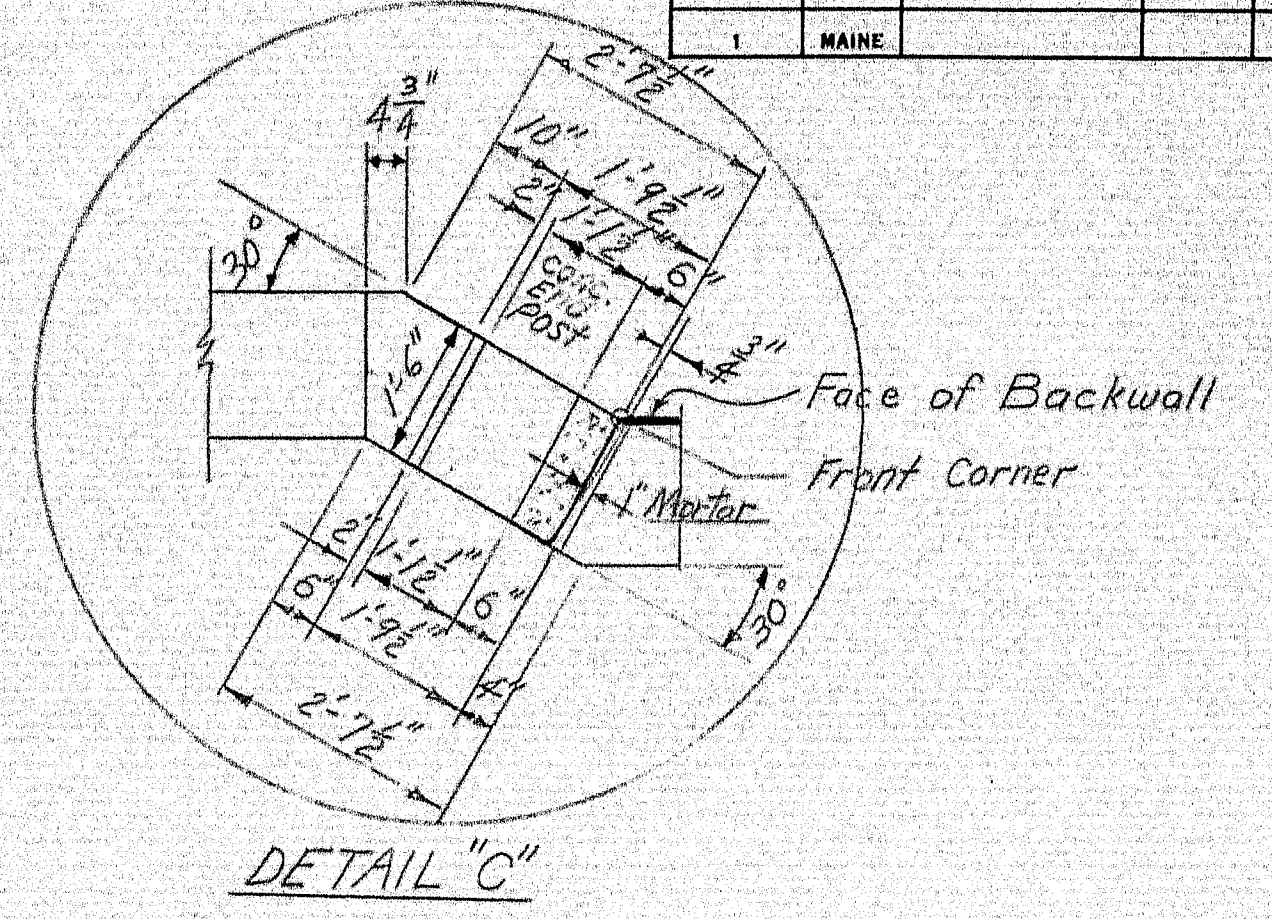
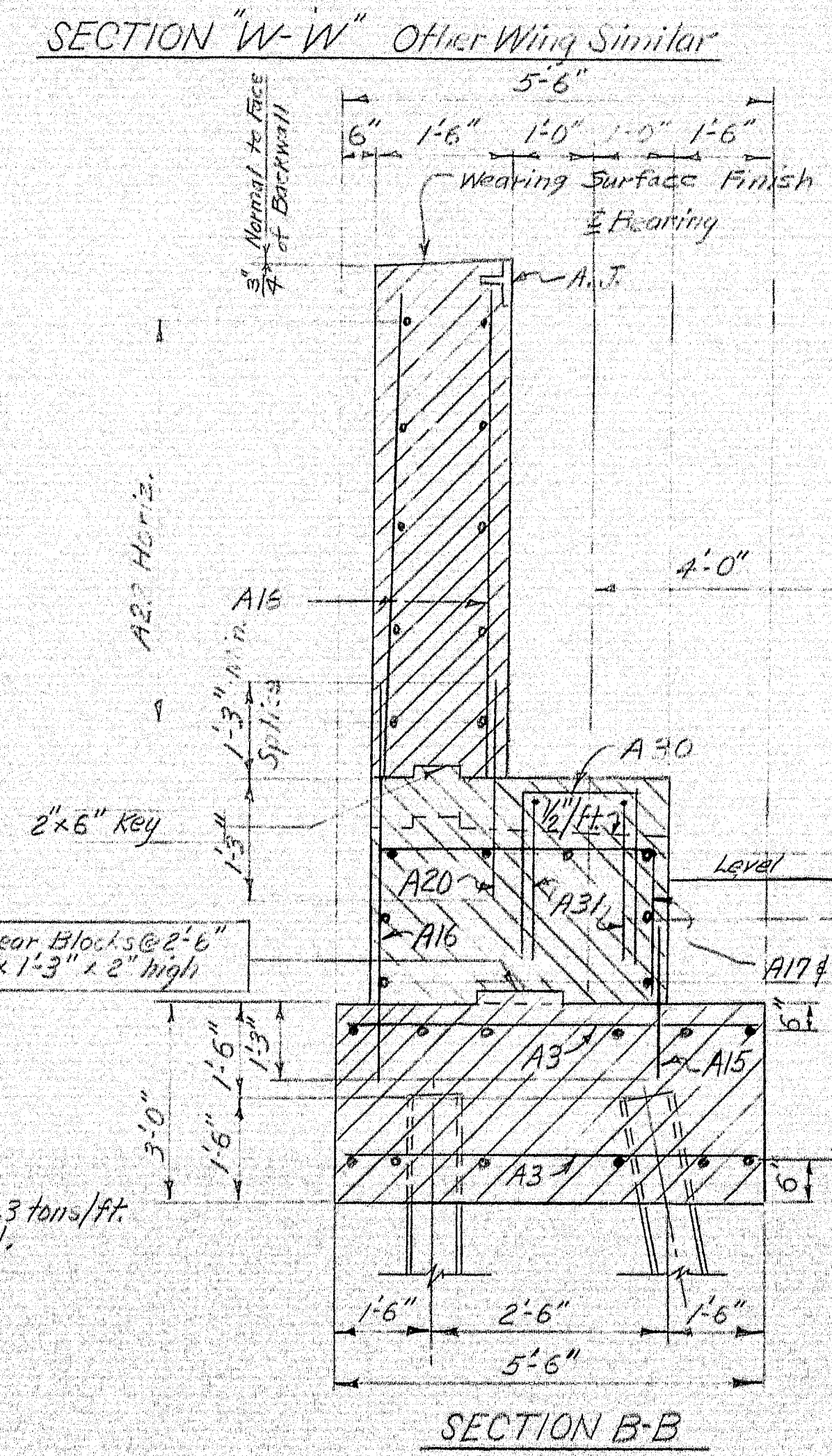
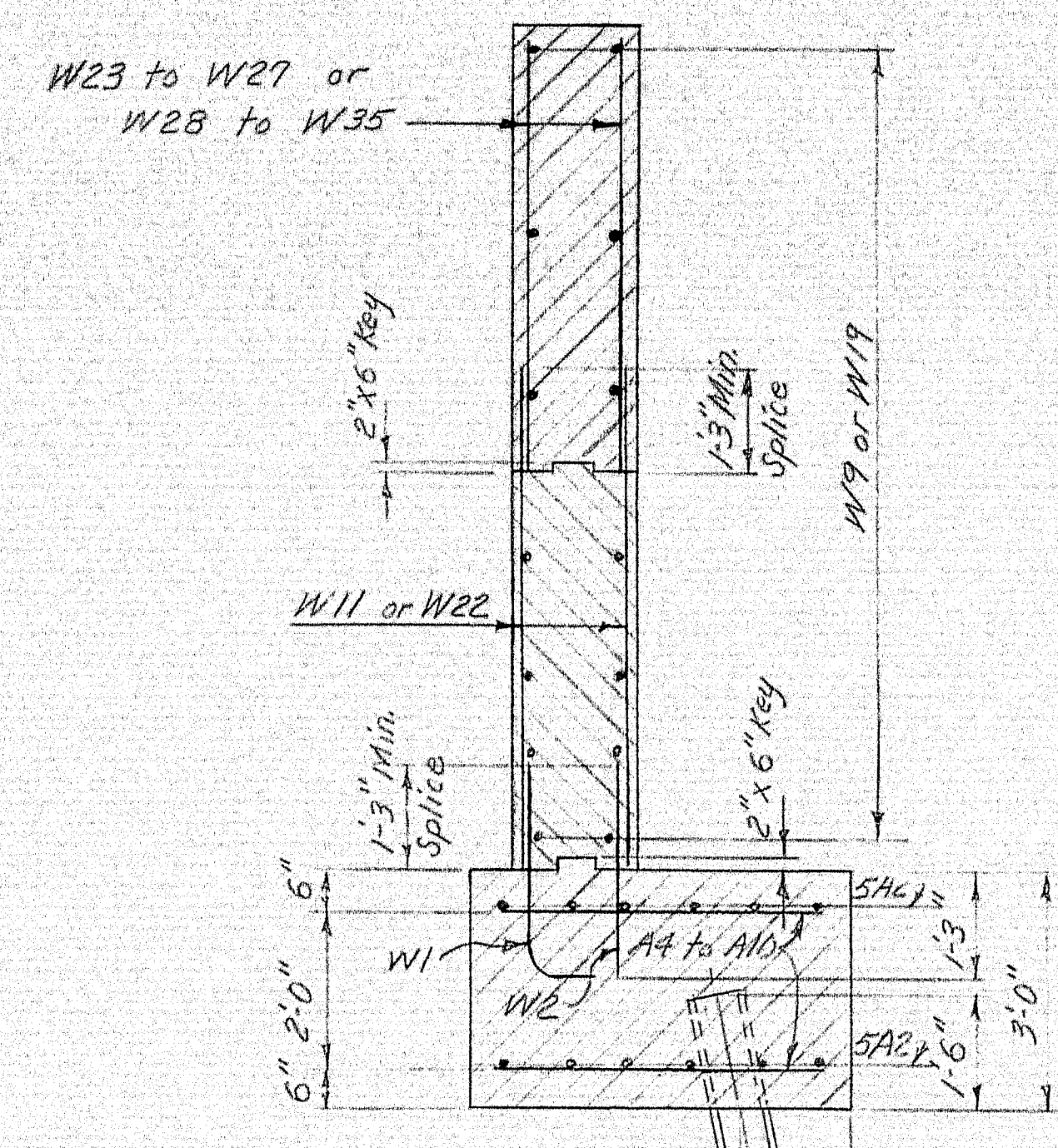
175  
Drive Rt. Skewed Ahd 5:10



NOTE: Top elevations are finish grades of Road of Backwall. Set girders and finish grades to match superstructure gird.



**PILE NOTES**  
 (1) 10BP42 Required Abut. #1  
 Estimated Length 35'-0"  
 Batter Piles marked 1-1 in direction of arrow 2 1/2" ft.  
 Maximum allowable pile load 46.3 tons/ft.  
 Drive to ledge or practical refusal.



Notes & Details on Sheet 12  
 Section C-C on Sheet 12

DESIGN - DORRIS  
 TRACE - & DETAIL  
 CHECK - JAC

BRIDGE NO. 3773  
 SURVEY - PLOT

STATE HIGHWAY COMMISSION  
 BRIDGE DIVISION

**WEST RIDGE BRIDGE**  
 IN THE TOWN OF  
**SKOWHEGAN**  
**SOMERSET COUNTY**

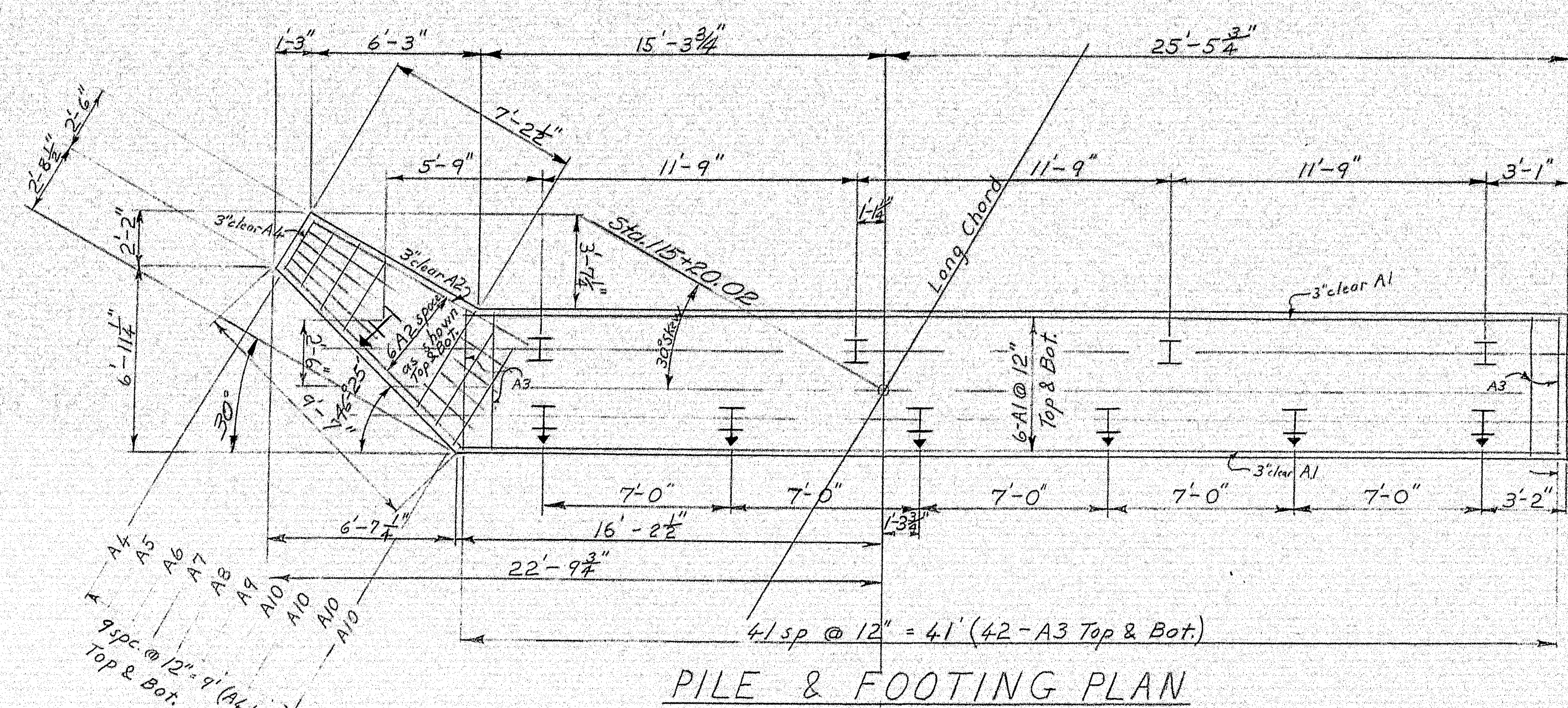
ABUTMENT NO. 1

SHEET 11 OF 17 AUGUSTA, MAINE MAY 1968

102-99H

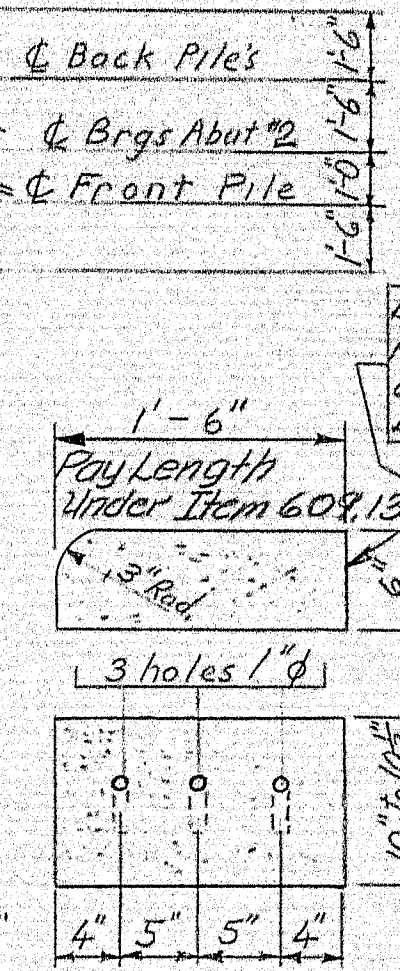




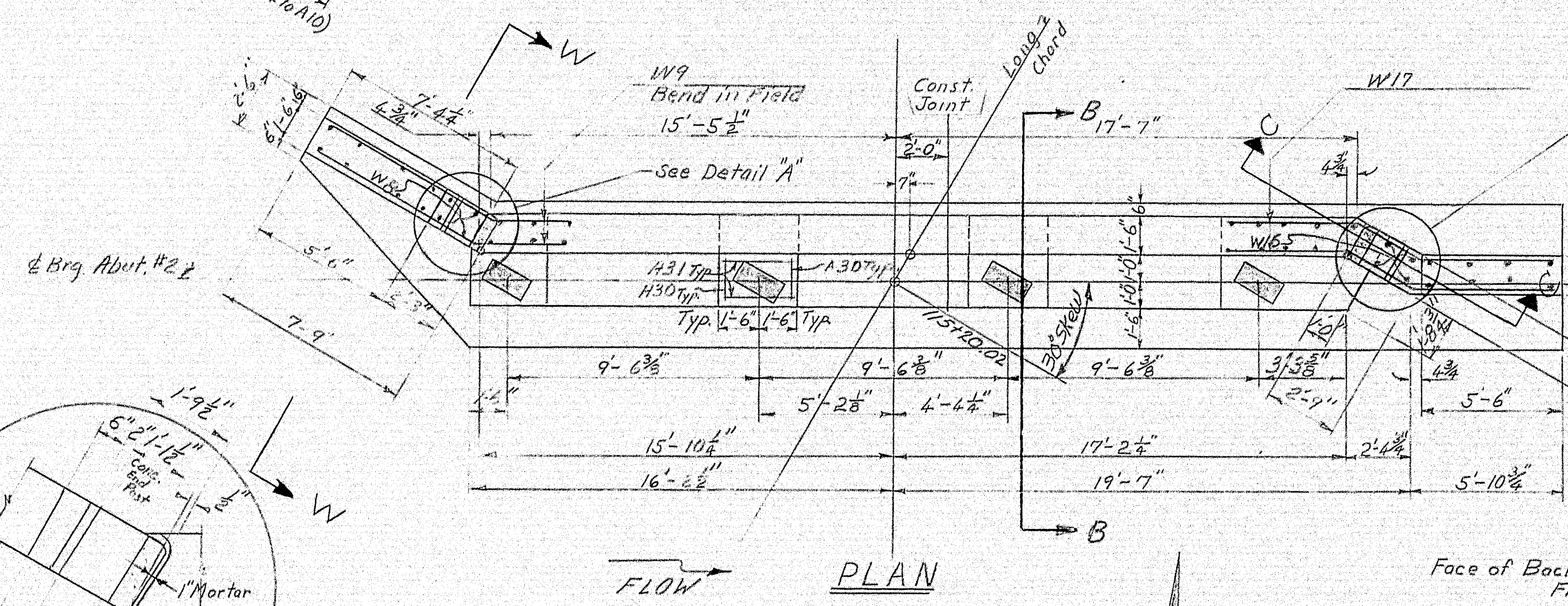


PILE & FOOTING PLAN

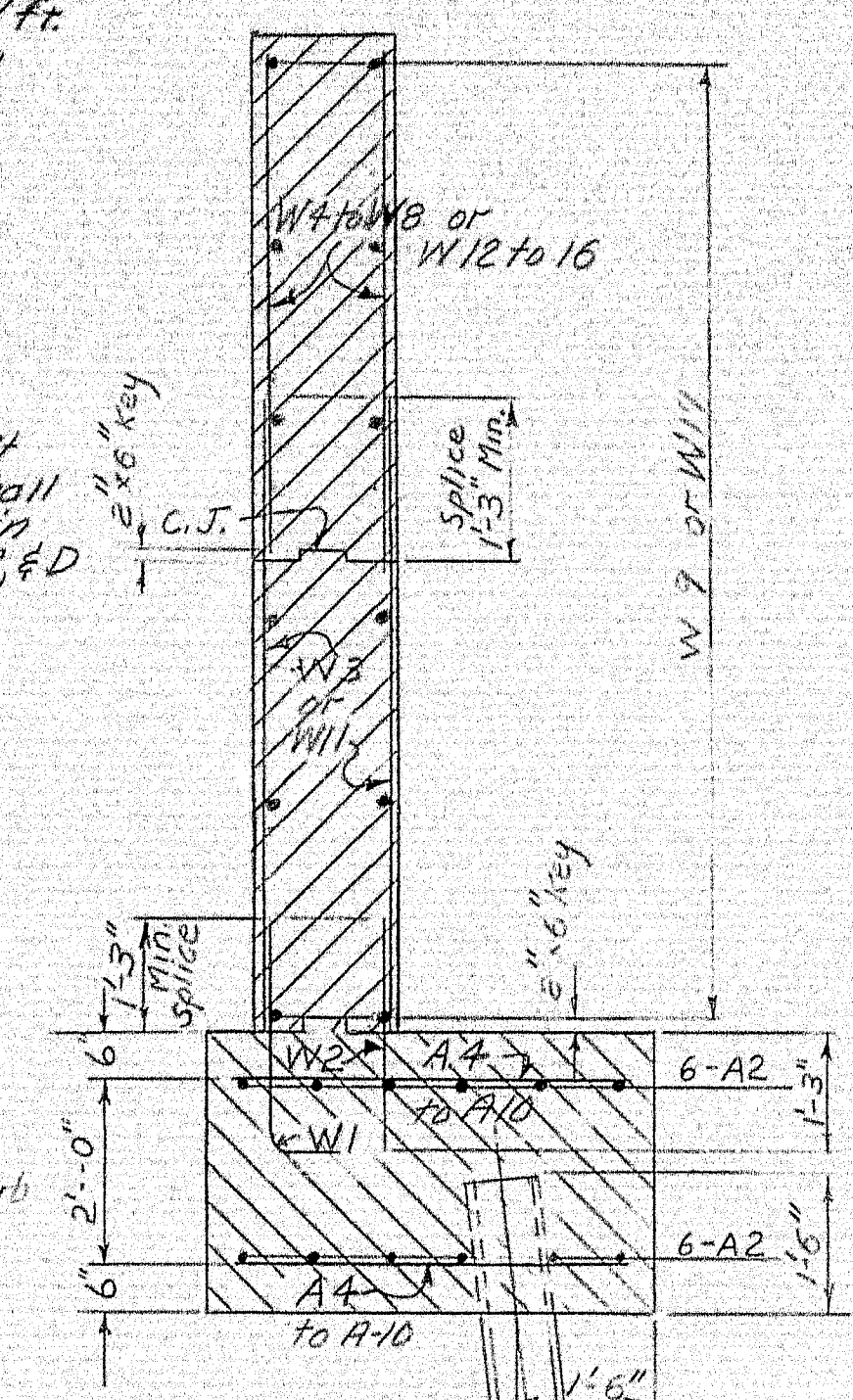
**PILE NOTES**  
 11-10" B.P.42 required Abut 2  
 Estimated length 30'-0"  
 Batter piles marked  $\nabla$  in direction of arrow. 2 1/2" / foot.  
 Max. allowable pile load 46.3 tons/ft.  
 Drive to ledge or practical refusal.



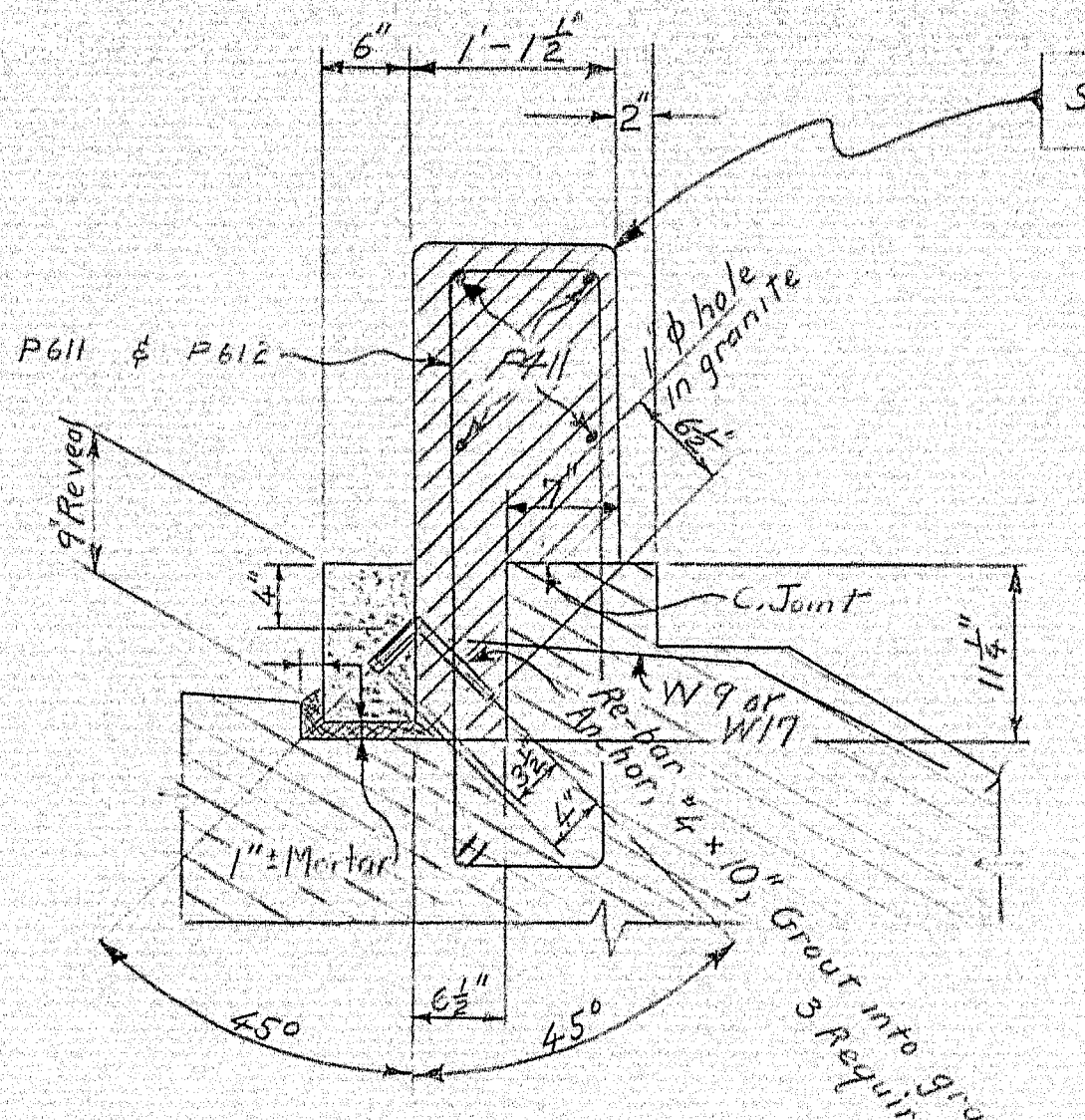
VERTICAL BRIDGE CURB  
 TYPE 1: Typical Abutment Curb  
 4 required



PLAN



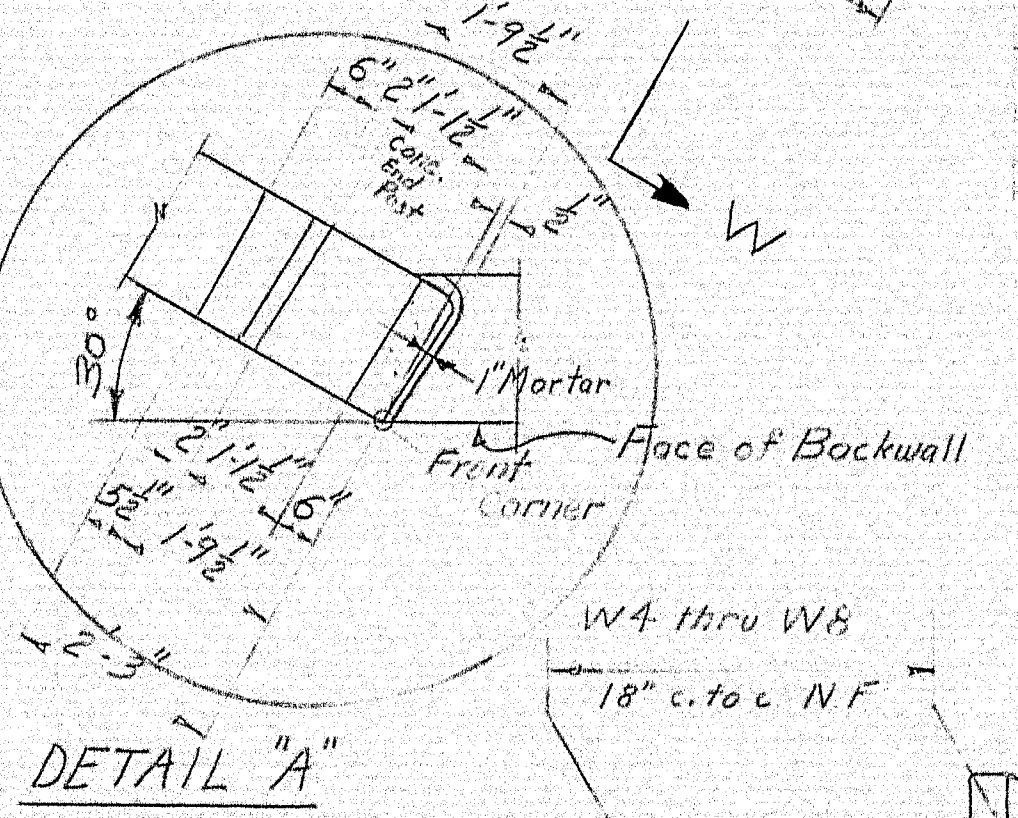
SECTION W-W Other Wing Similar



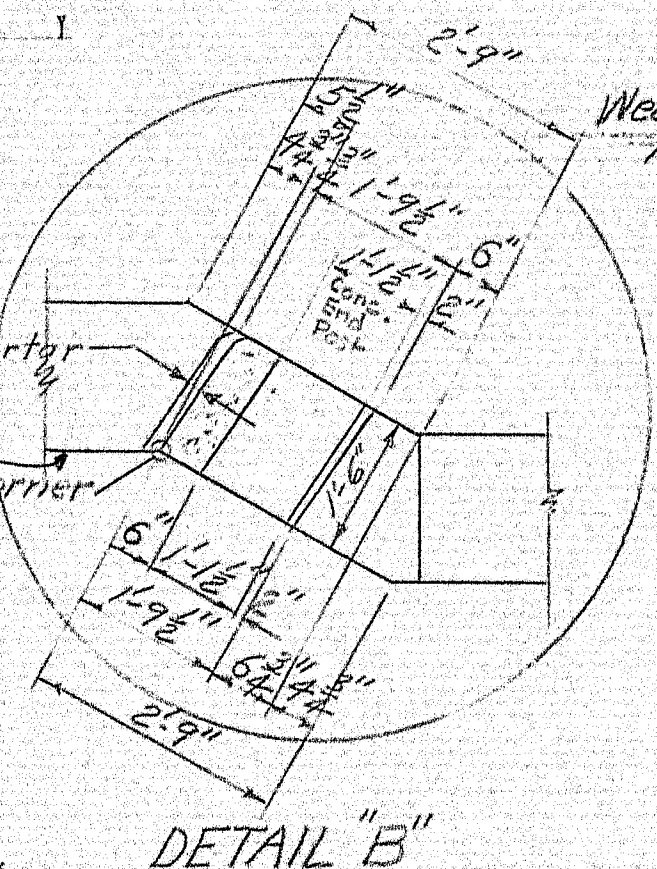
SECTION C-C Other Side Similar

**ABUTMENT NOTES**

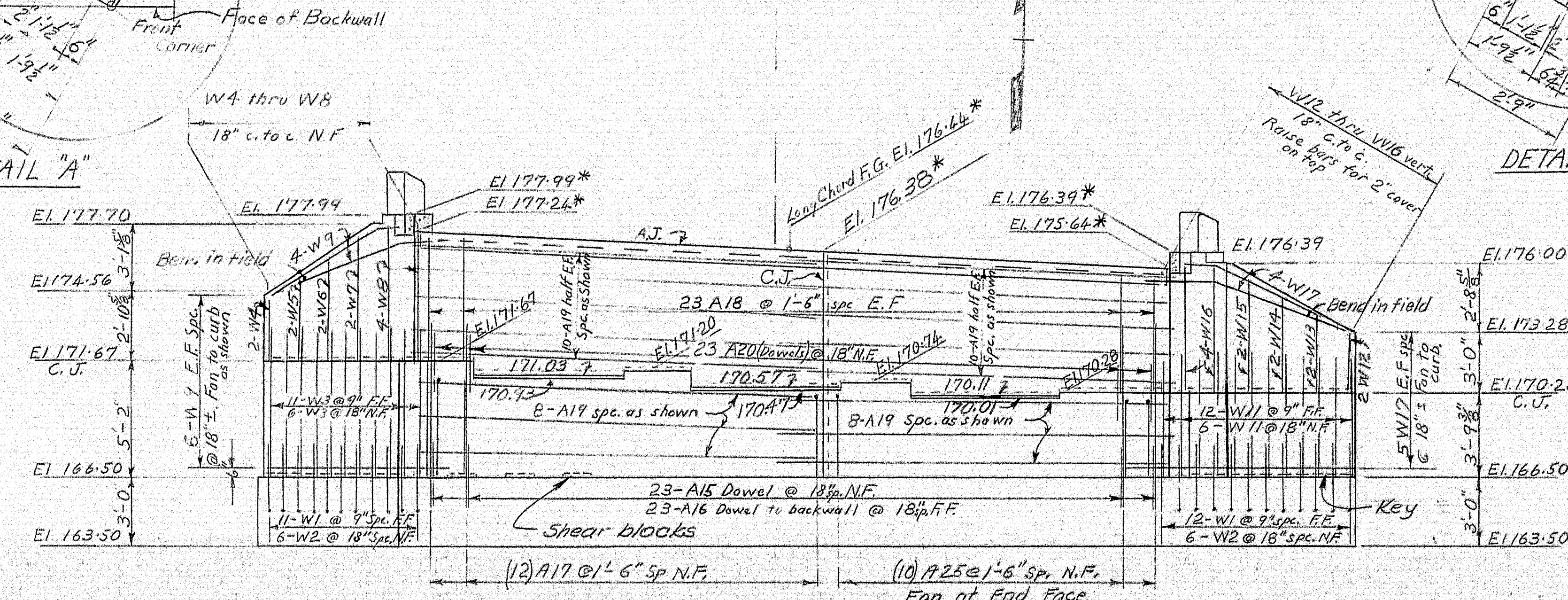
1. Chamfer all exposed edges of concrete 1/2".
2. Dress bearing areas 1" larger all around than masonry plates, & to exact elevations shown.
3. All re-bar splices to be at least 24 bar diameters. Embedment is same.
4. Coat top of backwalls and 6" down back with "Protective Coating for Concrete Surfaces." Also coat face of backwall. Bridge side and face of breastwall to 1' below kipup surface.
5. Re-bar cover to be 2", unless shown.
6. Place seat steel to clear anchor bolts.
7. Break bond at vertical const. joint with a coat asphalt paint.
8. Concrete and rail posts to be paid for under Item 502.21 Structural Concrete, Abutments and Retaining Walls.
9. Cable guard rail post attachment fabricated 1 1/2" x 1 1/2" x 1/2" is shown on the struc. steel sheet (77) and its installation on the Superstructure Lay-out sheet (75).



DETAIL 'A'

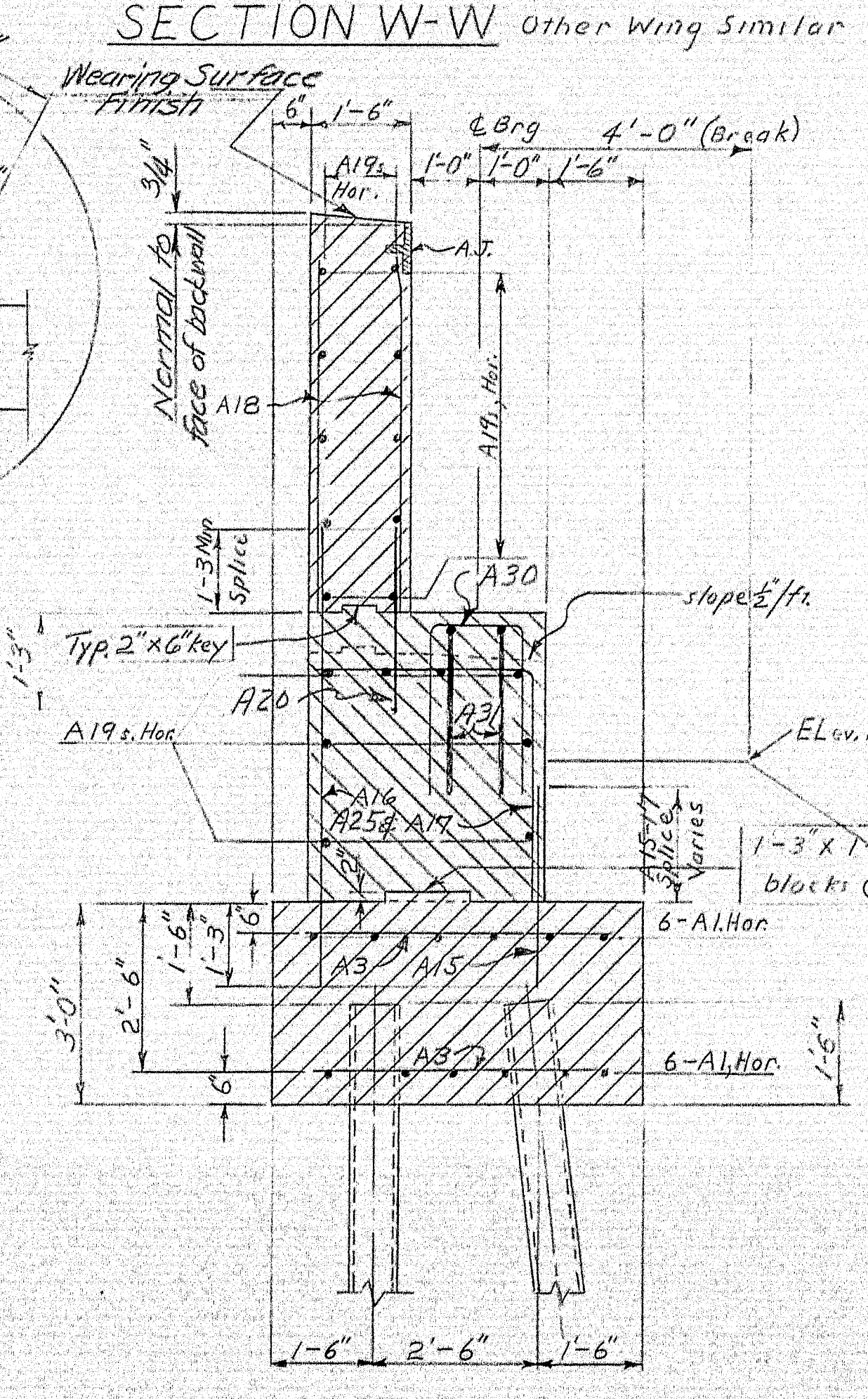


DETAIL 'B'



FRONT ELEVATION

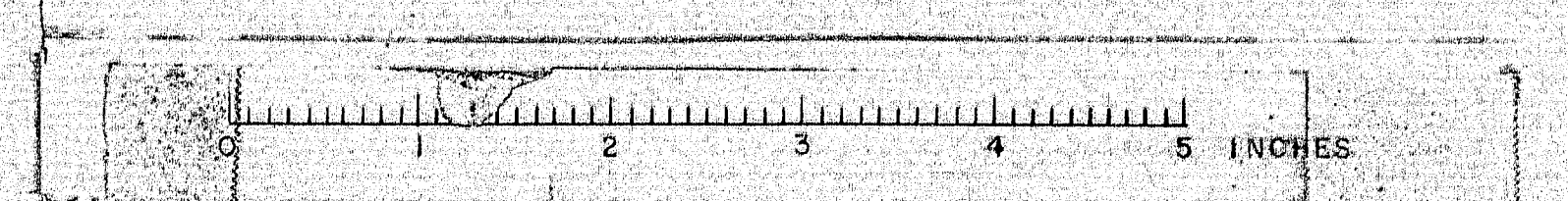
\* NOTE: Elevations shown are Top Finish Grades at face of backwall. Set granite curb on grade to match superstructure curb.



SECTION B-B

DESIGN - DORRITY	BRIDGE NO. 3773
TRACE - & DETAIL WILLIAMS	SURVEY -
CHECK -	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
WEST RIDGE BRIDGE IN THE TOWN OF SKOWHEGAN SOMERSET COUNTY	
ABUTMENT NO.2	
SHEET 12 OF 17 AUGUSTA, MAINE MAY 1968	

102-991



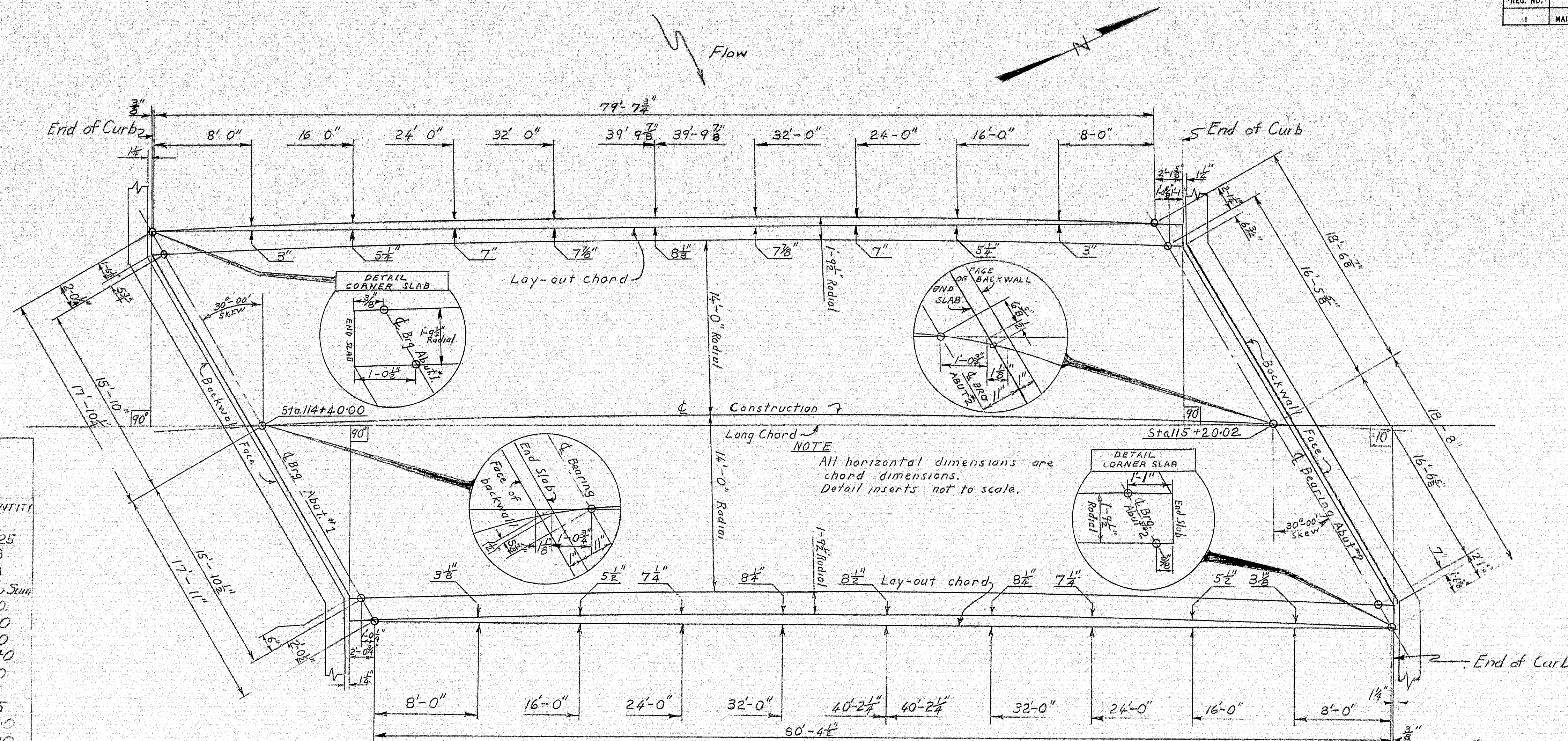












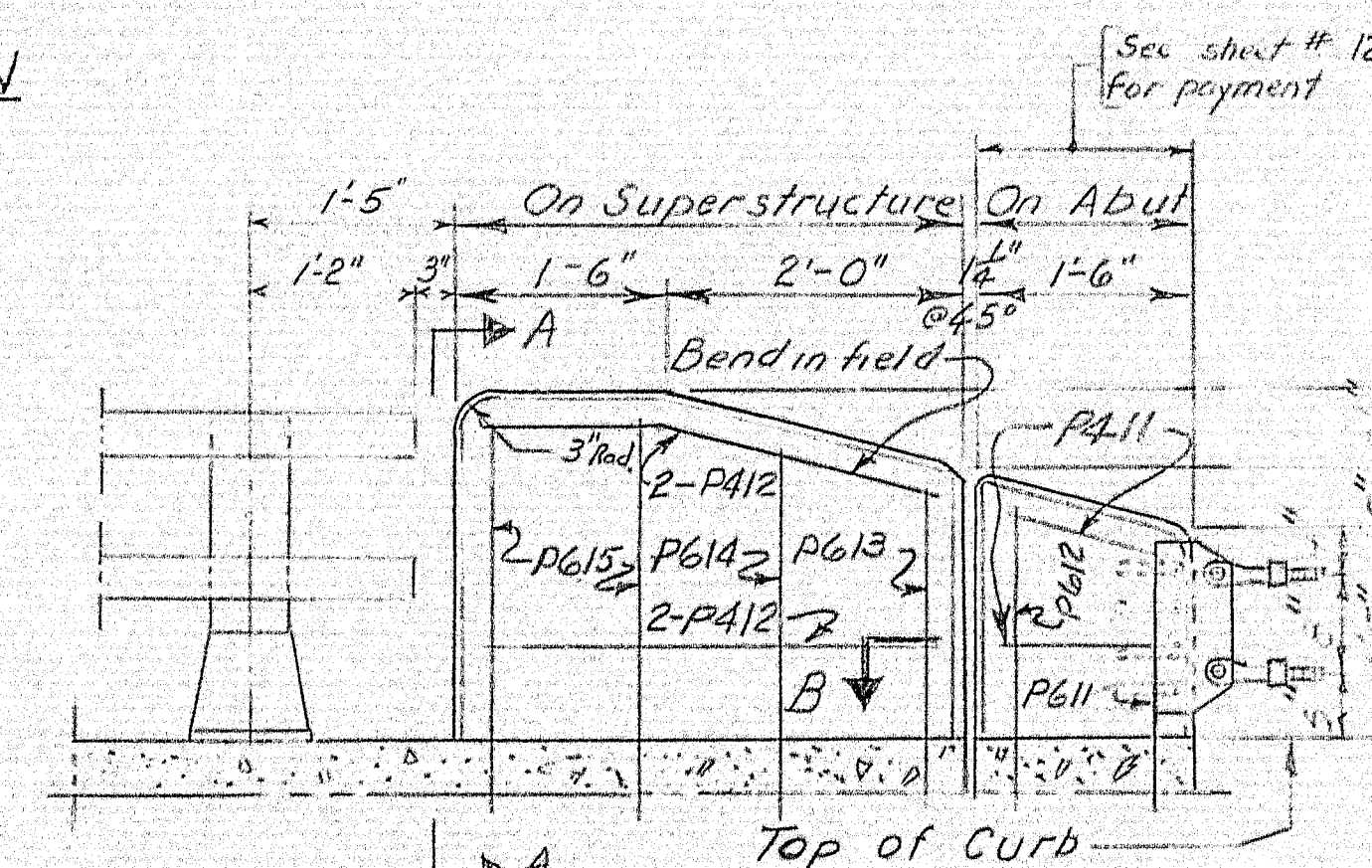
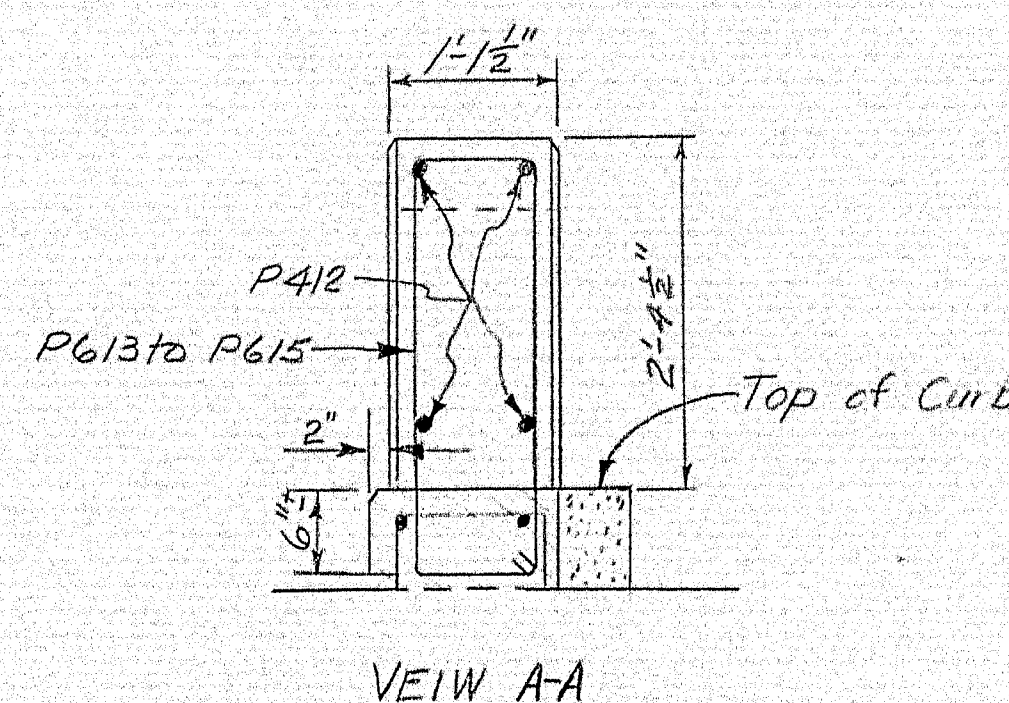
ENGINEERS ESTIMATE OF QUANTITIES  
WEST RIDGE BRIDGE - SKOWHEGAN

DESCRIPTION	UNIT	QUANTITY
Clearing	Acres	0.25
Removing Single Trees, 9" to 24" Tops Only	Each	3
Removing Stumps, 9" to 24"	Each	3
Removal of Existing Superstructure (pict by Conn.)	L.S.	Lump Sum
Common Excavation	cu. yd.	900
Common Borrow	cu. yd.	8700
Gravel Borrow	cu. yd.	300
Overhaul (In Place Measure)	yd. cu.	7740
Overhaul (Pit Measure)	yd. cu.	600
Structural Earth Excavation Abutments	cu. yd.	115
Structural Earth Excavation Channel	cu. yd.	575
Aggregate Subbase Course Gravel	cu. yd.	2000
Bituminous Surface Treatment	sq. yd.	2700
Untreated Aggregate Surface Course	cu. yd.	220
Steel H Beam Piles 42 lbs/ft	lin. ft.	715
Structural Concrete Abutments and Retaining Walls	cu. yd.	133
Struct Core Roadway & Sidewalk Slabs on Steel Bridges	L.S.	Lump Sum
Structural Concrete Wearing Surface on Bridges	L.S.	Lump Sum
Reinforcing Steel, Fabricated and Delivered	lb.	29,000
Reinforcing Steel, Placing	lb.	29,000
Structural Steel, Fabricated and Delivered	L.S.	Lump Sum
Structural Steel, Erection	L.S.	Lump Sum
Shear Connectors	L.S.	Lump Sum
Bridge Railing	lin. ft.	149
Protective Coating for Concrete Surfaces	sq. yd.	412
15" Bituminous Coated Corrugated Metal Pipe	lin. ft.	40
Guard Rail Type 1b	lin. ft.	780
Anchorage for Cable Guard Rails	Each	4
Single Posts Type 1b	Each	4
Vertical Bridge Curb Type 1	lin. ft.	170
Plain Riprap	cu. yd.	90
Hand Laid Riprap	cu. yd.	350
Loam	cu. yd.	280
Sodding	sq. yd.	20
Seeding Method Number 2	sq. yd.	50
Field Office Type C	Each	1

The Estimated Quantities for the following Lump Sum Items are:

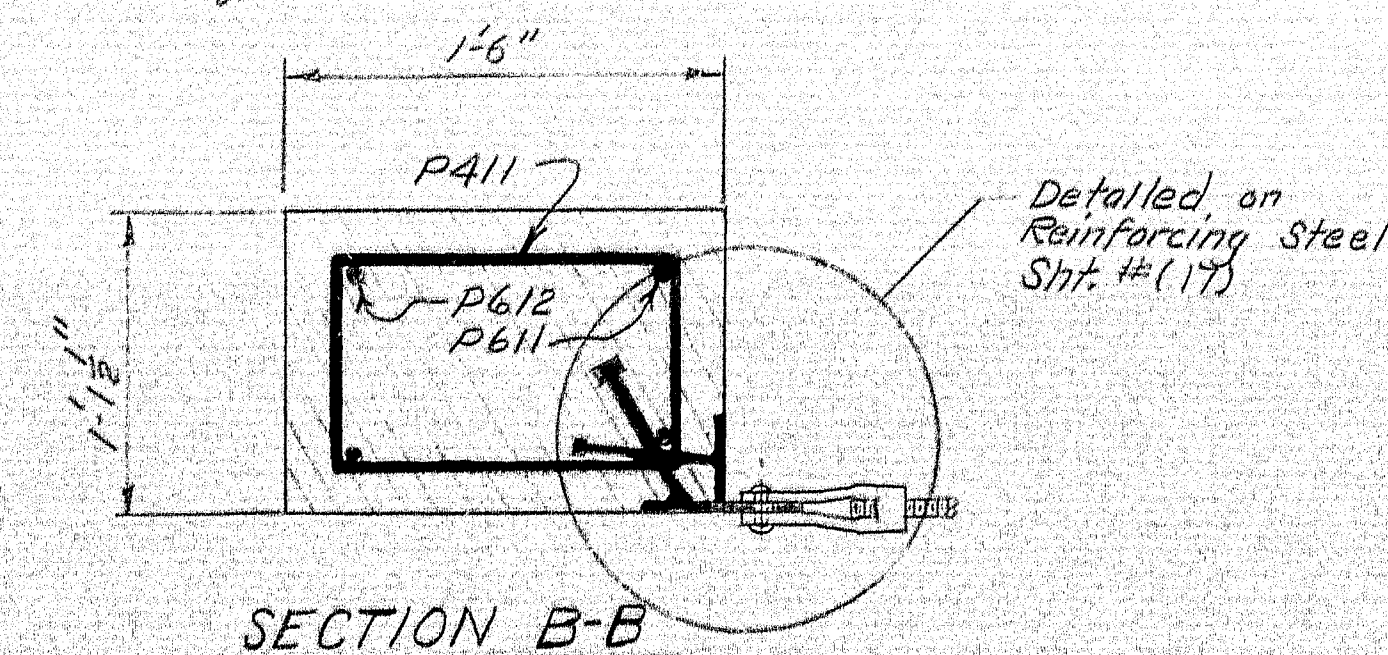
Struct. Conc. Roadway & Sidewalk Slabs on Steel Bridges	73 cu. yd.
Struct. Conc. Wearing Surface on Bridges	21 cu. yd.
Structural Steel	57,000 lbs.
Shear Connectors	184 Studs

## PLAN



END POST DETAILS

Concrete and rail posts on superstructure to be included for payment in Item 502.26 Structural Concrete, Roadway & Sidewalk Slabs on Steel Bridges.



SUPERSTRUCTURE NOTES

1. Form 1" V-Groove on the outside face of curb & slab at each vertical joint in curb.
2. Provide joints in Vertical Bridge Curb type 1 of Curb Contraction Joints.
3. 2" Clear for reinforcing steel unless otherwise shown.
4. At Abutment #1, the unreinforced joint will increase its opening by  $\frac{1}{2}$ " (theoretically) when the superstructure slab, curbs, railings and wearing surface are placed. Construction procedures should take this into account so that the final opening is 1".

References:-  
Bridge Railing - BD-100-55  
Armored Joints & Drains - BD-104-66  
Note:  $\frac{1}{2}$ " x 2" holes in drains not required

5. Coat the top of the Concrete Wearing Surface, the top and cutouts, and at curb down to three inches (3") under the edge of the slab with "Protective Coating for Concrete Surface." Item 515.20, also coat End Rail Posts on superstructure and abutments.

DESIGN- DORITY	BRIDGE NO. 3773
TRACE- A W 5 E.V.S.	SURVEY-
CHECK- AP	PLOT-

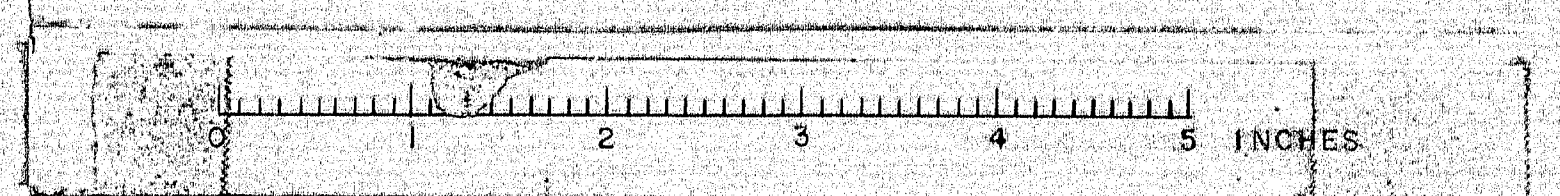
STATE HIGHWAY COMMISSION  
BRIDGE DIVISION

WEST RIDGE BRIDGE  
IN THE TOWN OF  
SKOWHEGAN  
SOMERSET COUNTY

SUPERSTR. LAY-OUT AND QUANTITIES

SHEET 15 OF 17    AUGUSTA, MAINE    MAY 1968

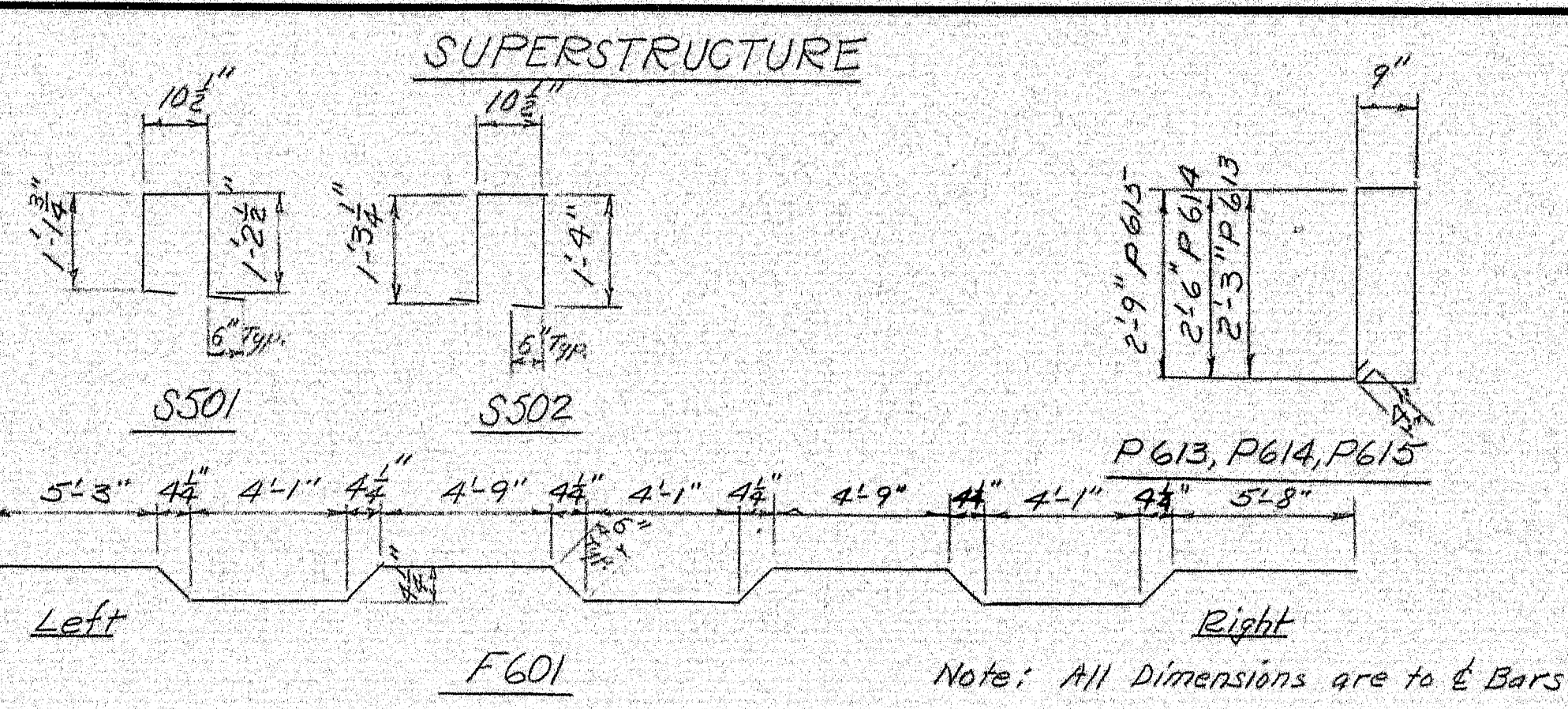
102-99J











1'-2"

2"

4"

3"

3"

3"

3"

3"

1' 6"

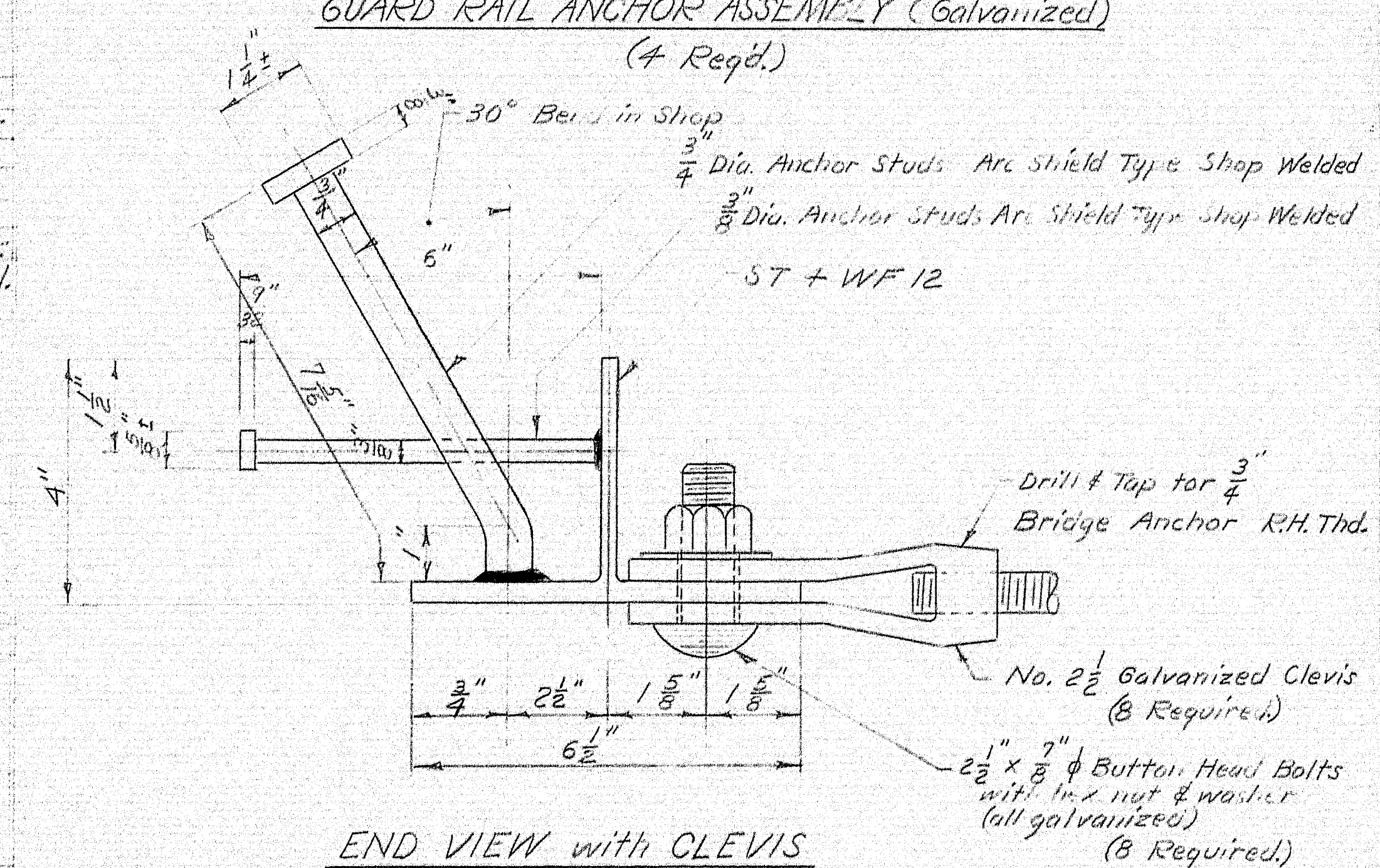
2 1/2"

3"

1 5/16"  $\phi$  Holes

NOTE: Payment for Guard Rail Anchor Assemblies shall be included in the price for Item 50282.

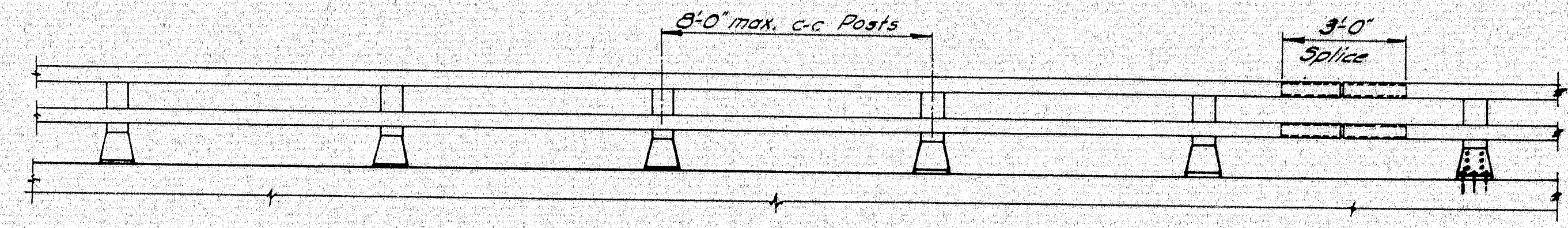
GUARD RAIL ANCHOR ASSEMBLY (Galvanized)  
(4 Reg'd.)



END VIEW with CLEVIS

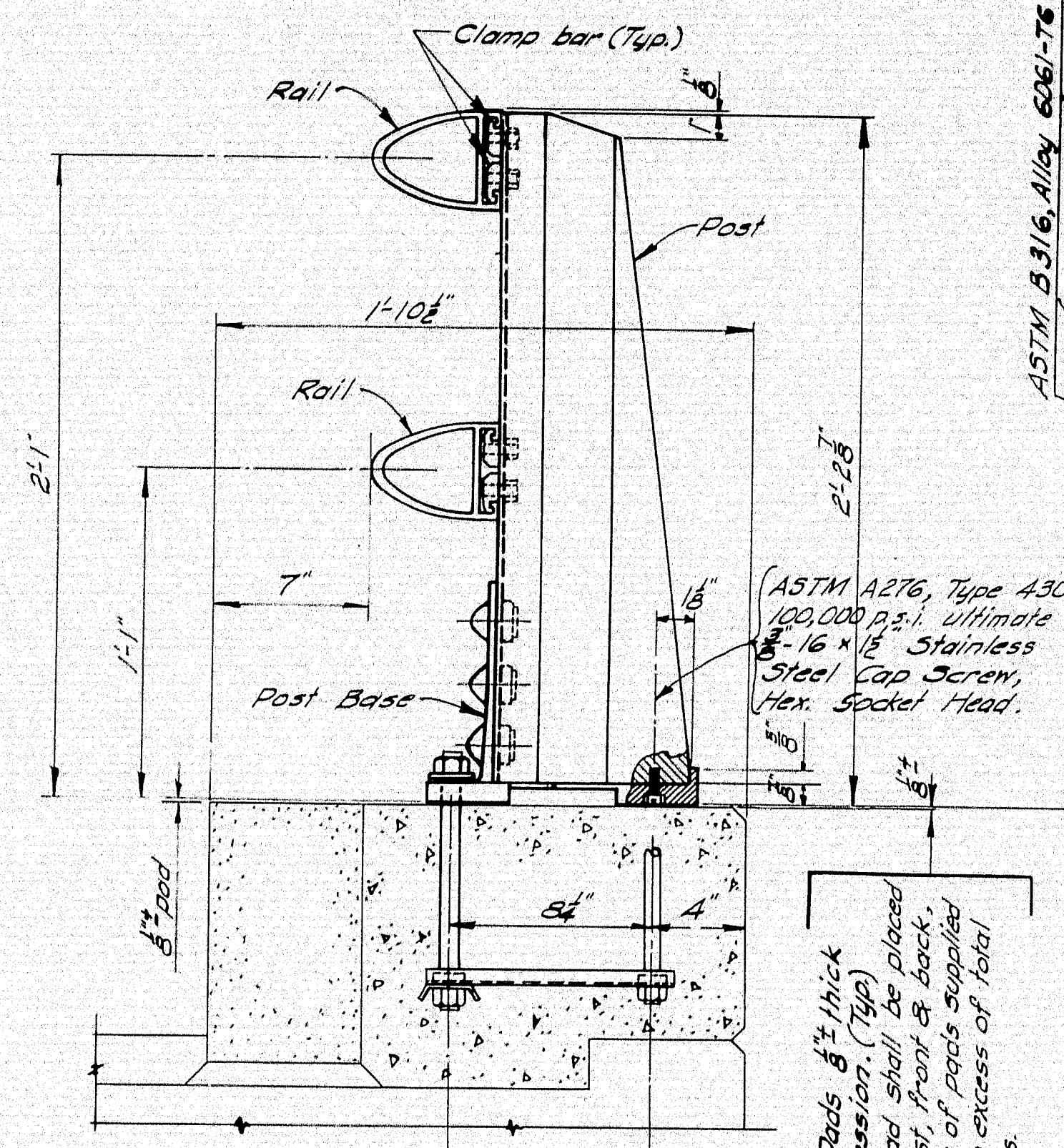
DESIGN - DORLY TRACE - & DETAIL CHECK - <i>RR</i>	SMITH	BRIDGE No. 3773 SURVEY - PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
WEST RIDGE BRIDGE IN THE TOWN OF SKOWHEGAN SOMERSET COUNTY REINFORCING AND DETAILS		
SHEET 17 OF 17 AUGUSTA, MAINE		MAY 1968





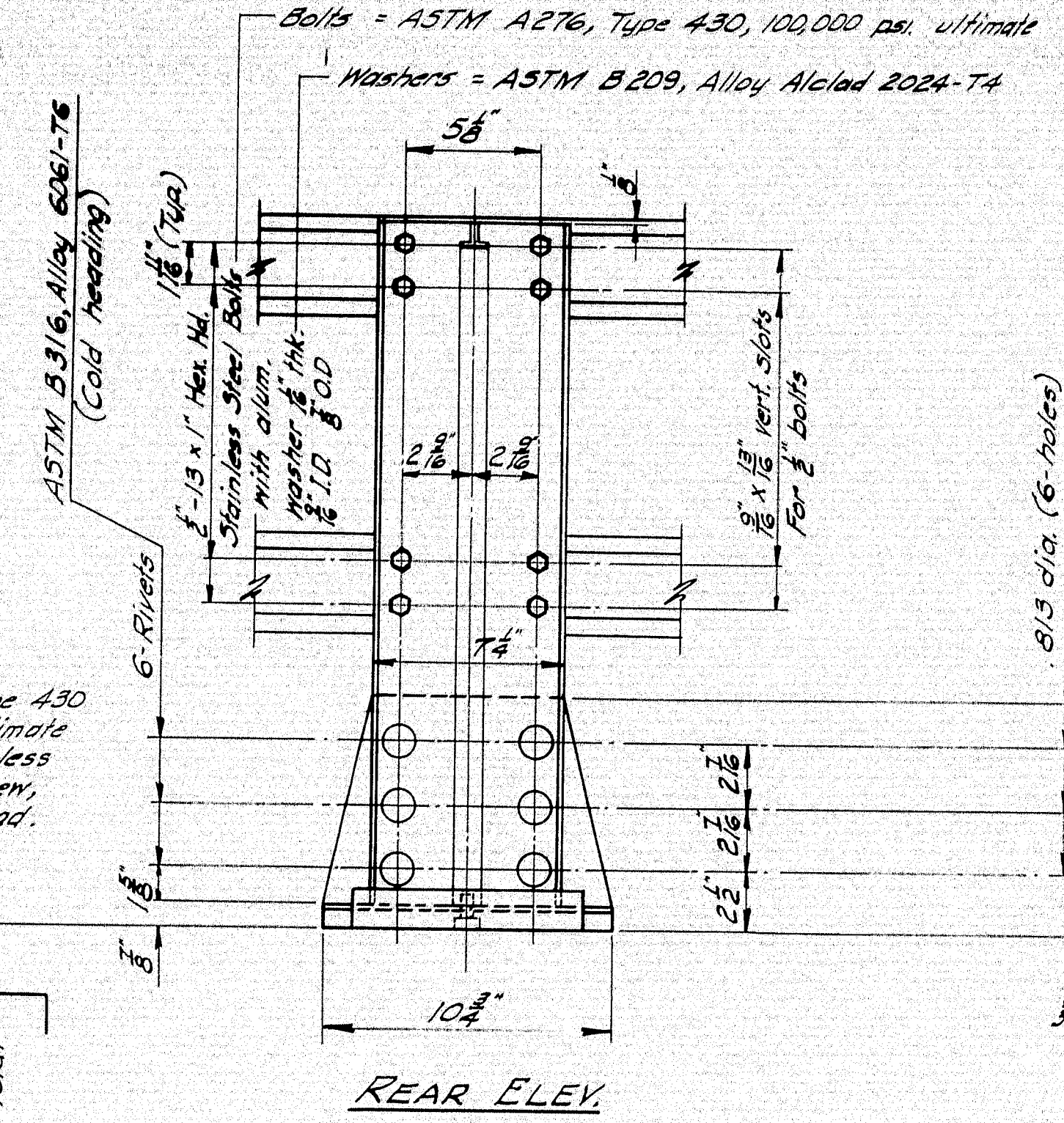
**RAIL - ELEVATION**

Lengths of rail shall be attached to a minimum of (4) four rail posts, wherever possible, and in any case never less than (2) two.

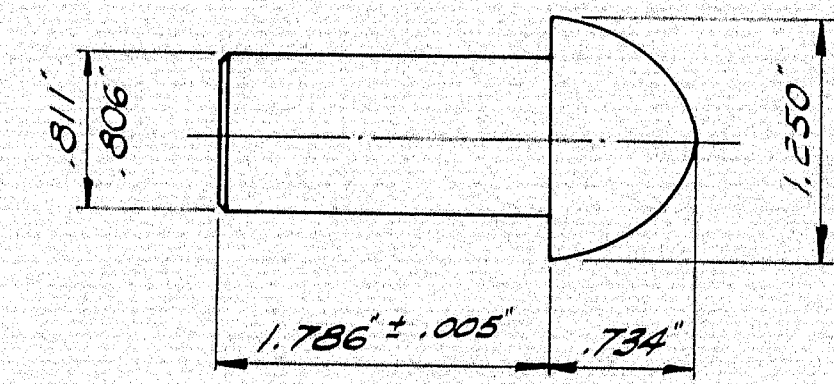


**BRIDGE RAIL Assembly**

Preformed Pads 1/2" thick after compression. (Type A) At least one pad shall be placed under each post, front & back, and the number of pads supplied shall be 10% in excess of total number of posts.

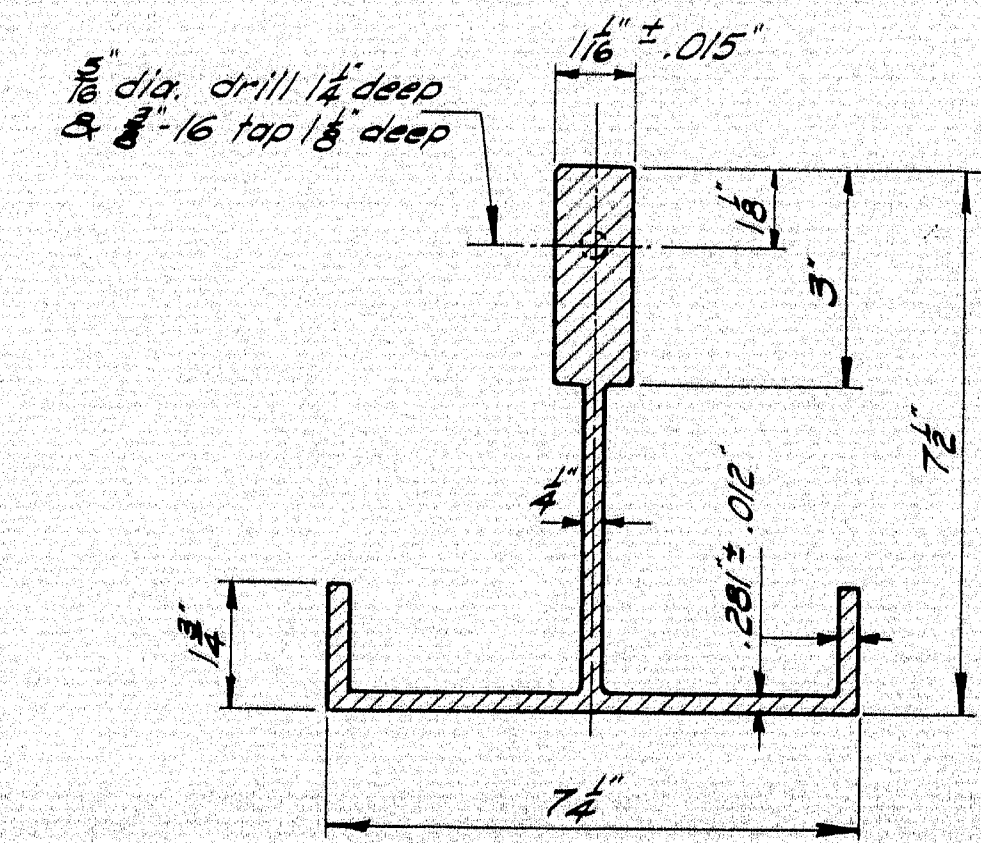


**REAR ELEV.**

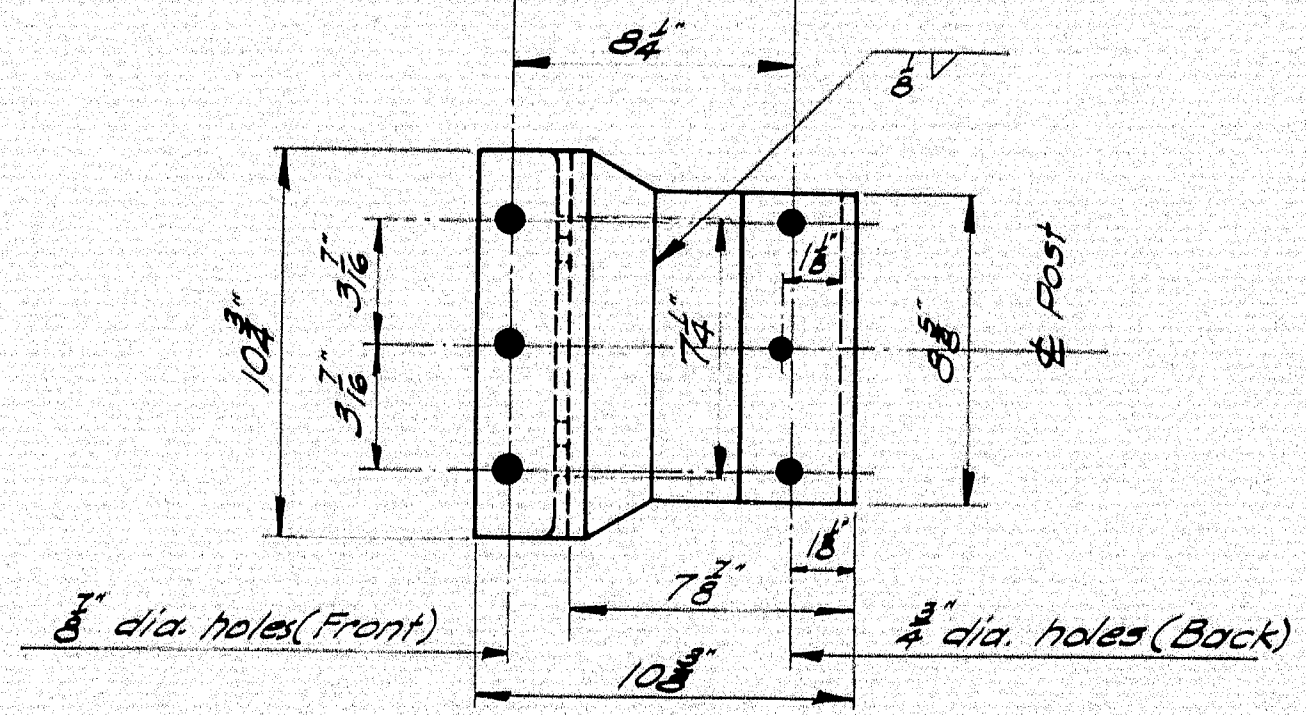


**RIVET**

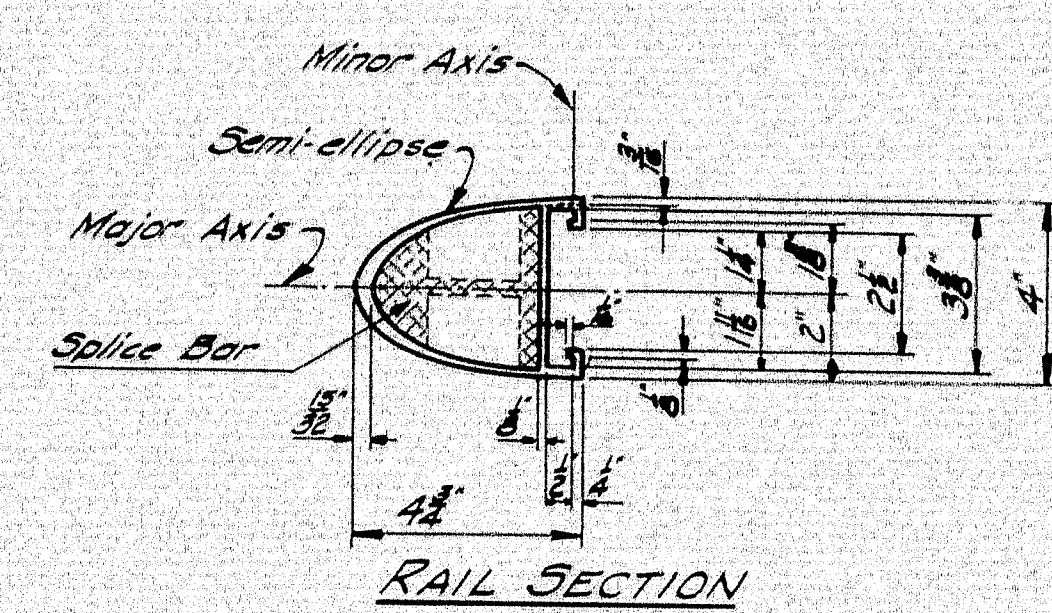
Shop rivet rail post to base



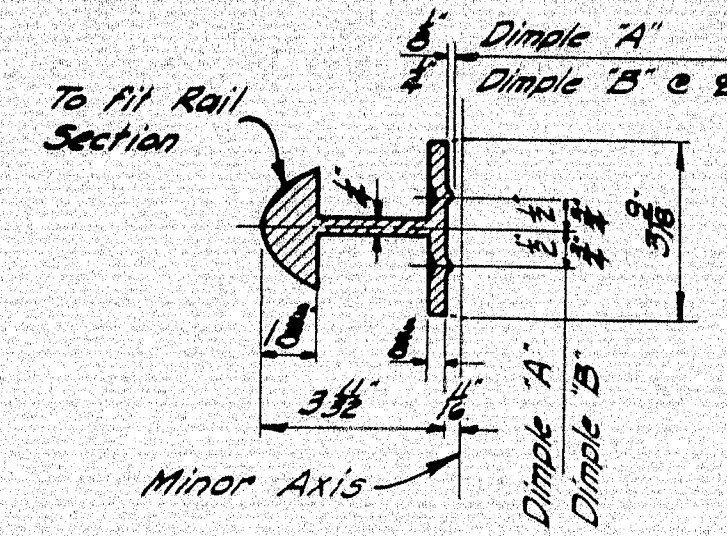
**POST SECTION**



**POST BASE (Bottom View)**

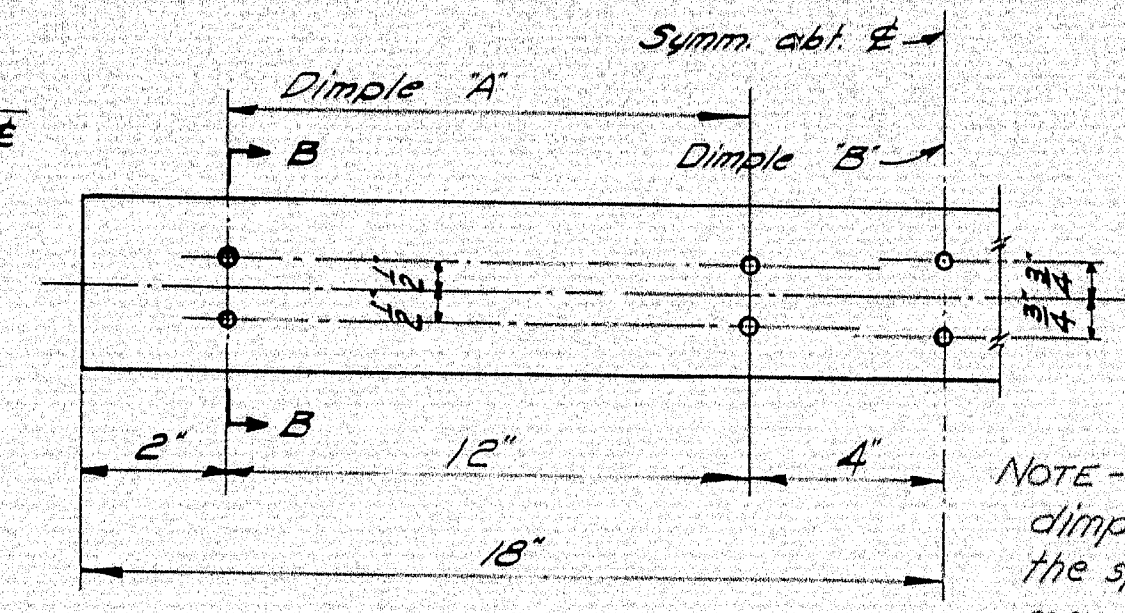


**RAIL SECTION**

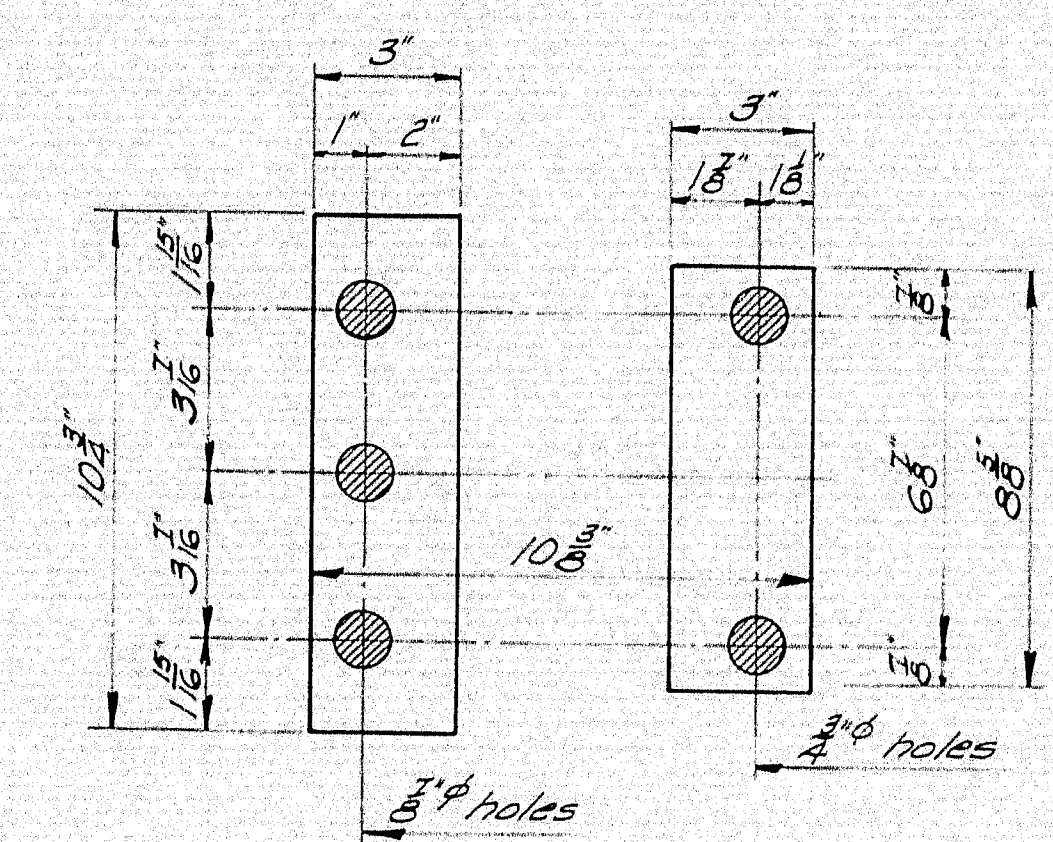


**SECTION B-B**

Post, Post Base, Rail, Splice Bar, & Clamp Bar = ASTM B221, Alloy 6061-T6



**SPICE BAR**



**PREFORMED PADS**

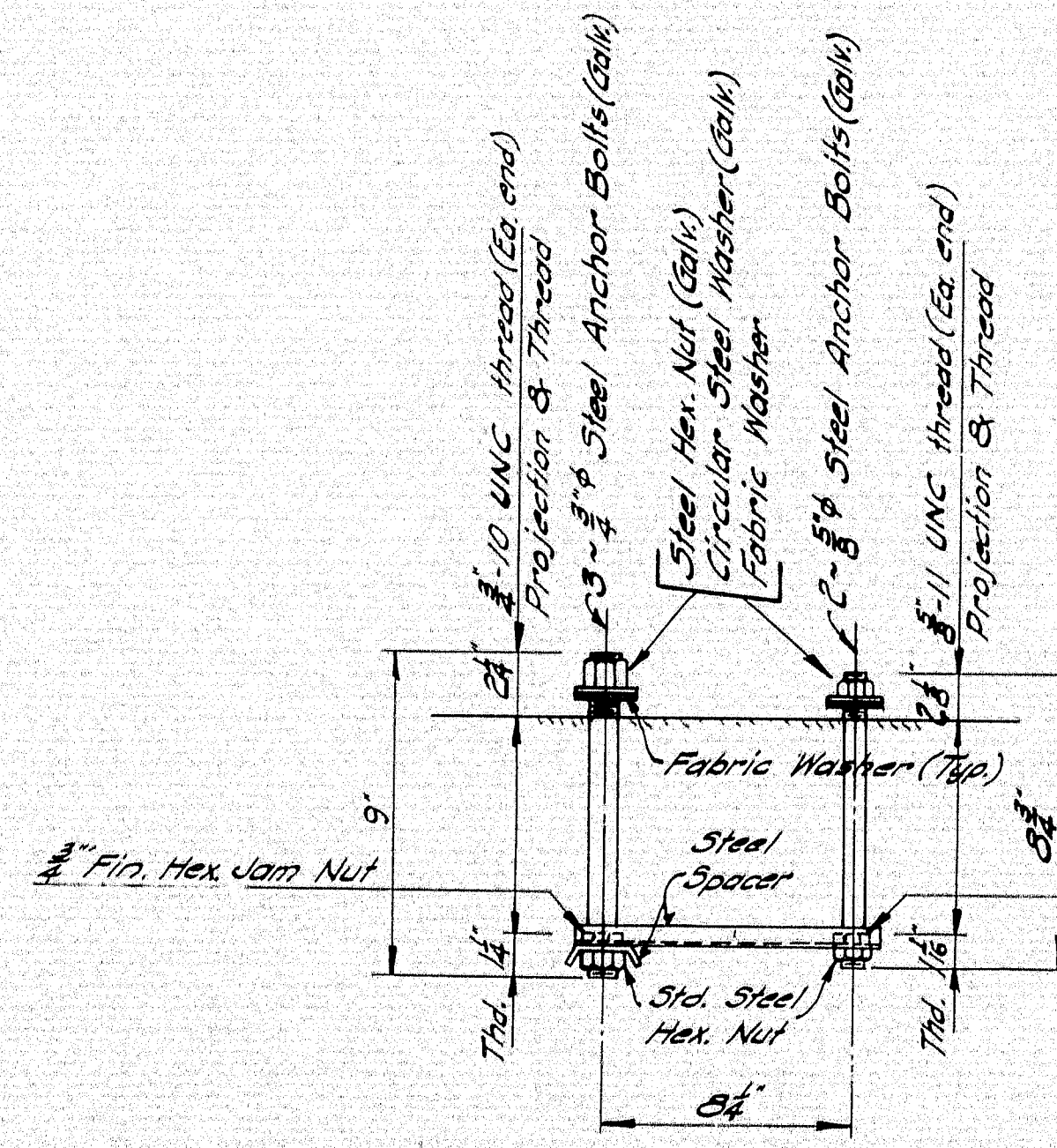
See Subsection 713.03 Standard Specifications  
Revision of June 1965 for pad and fabric washers.

**REQUIRED PER RAIL POST ANCHORAGE**

- 3-3/4" Anchor Bolts { 2-Hex Nuts, 1-Hex Jam Nut  
3-Circular Steel Washers  
3-Fabric Washers
- 2-3/4" Anchor Bolts { 2-Hex Nuts, 1-Hex Jam Nut  
2-Circular Steel Washers  
2-Fabric Washers
- Steel Spacers as detailed below.

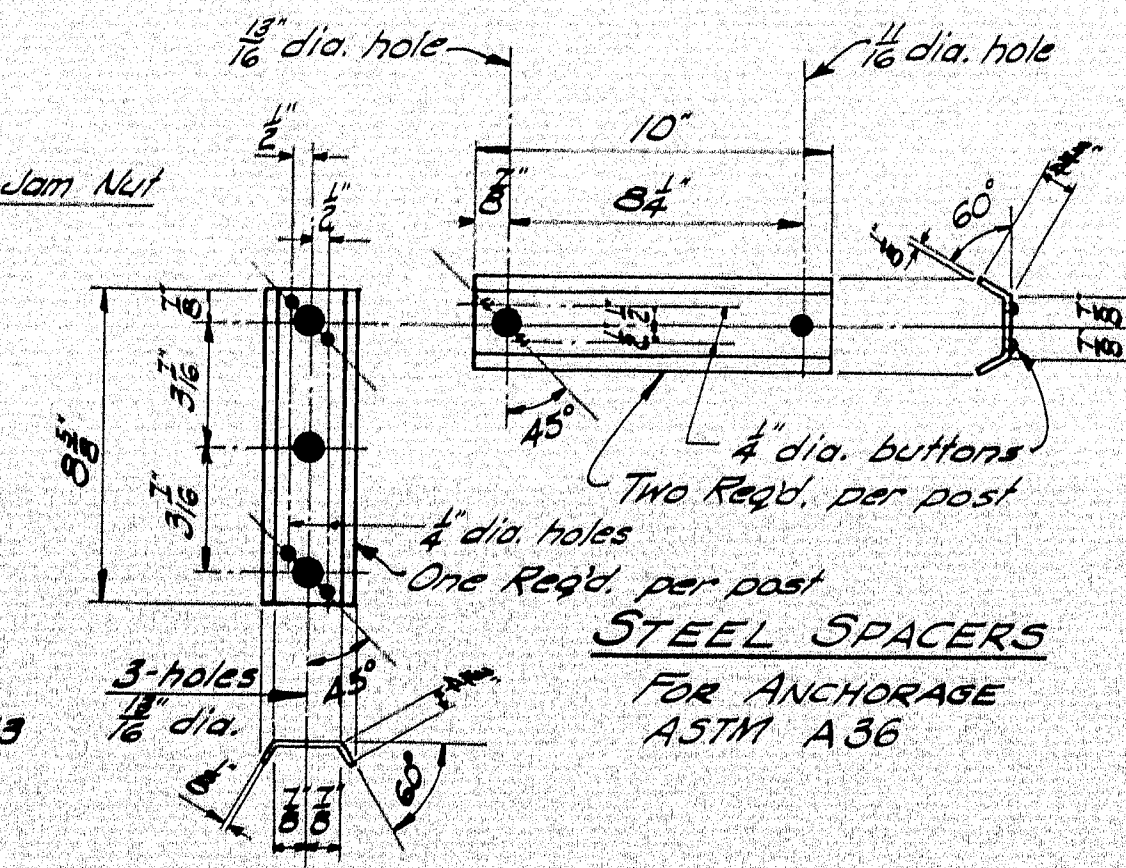
**DESIGN SPECIFICATIONS**

A.A.S.H.O. Interim Specifications  
Int. I (64)



**RAIL POST ANCHORAGE Assembly**

Anchor Bolts, Nuts, & Steel Washers = ASTM A325  
Anchor Bolts, Nuts & Steel Washers at top, Galv. ASTM A153



**STEEL SPACERS FOR ANCHORAGE**

Revised: Splice Bar Alternate, Feb. 1967

MAINE STATE HIGHWAY COMMISSION  
AUGUSTA, MAINE

**STANDARD DETAILS**

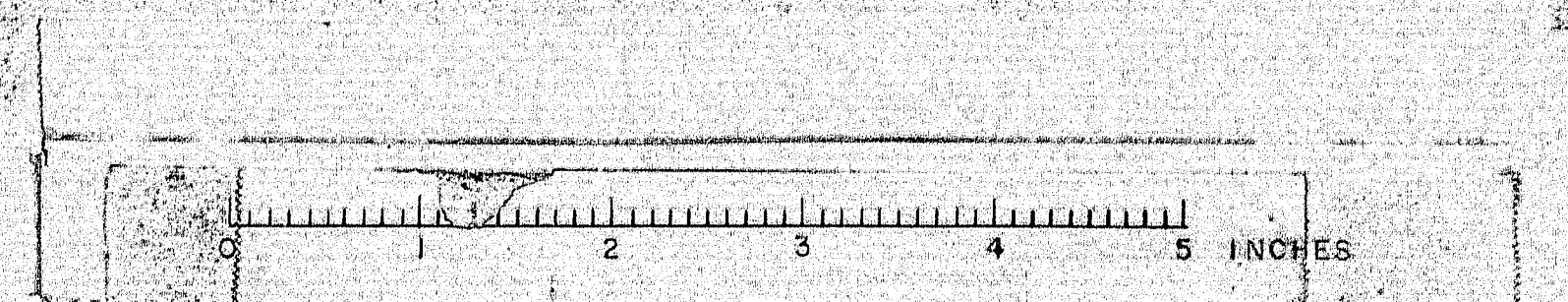
(BD 106 - 65)

**ALUMINUM RAILING**

2 - BAR (SEMI-ELLIPSE)  
EXTRUDED POST

OCTOBER 1965

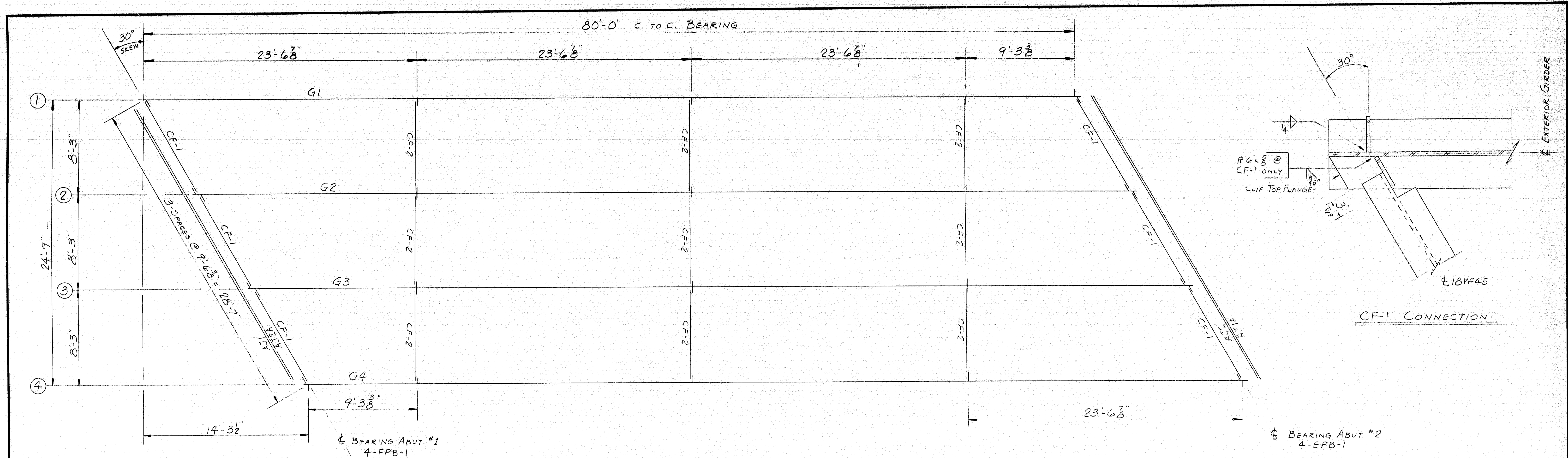
102-100A WEST RIDGE BRIDGE, SKOWHEGAN



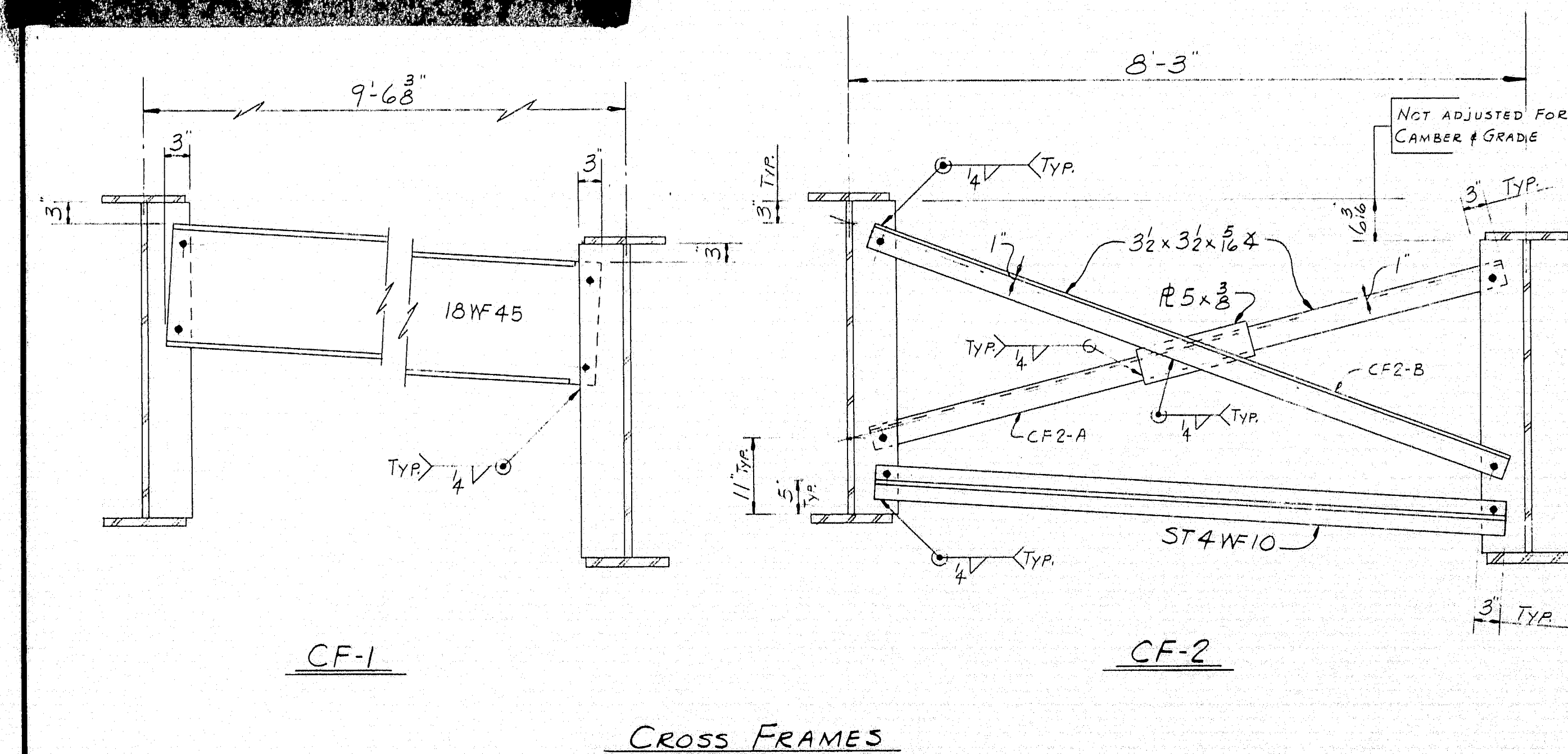
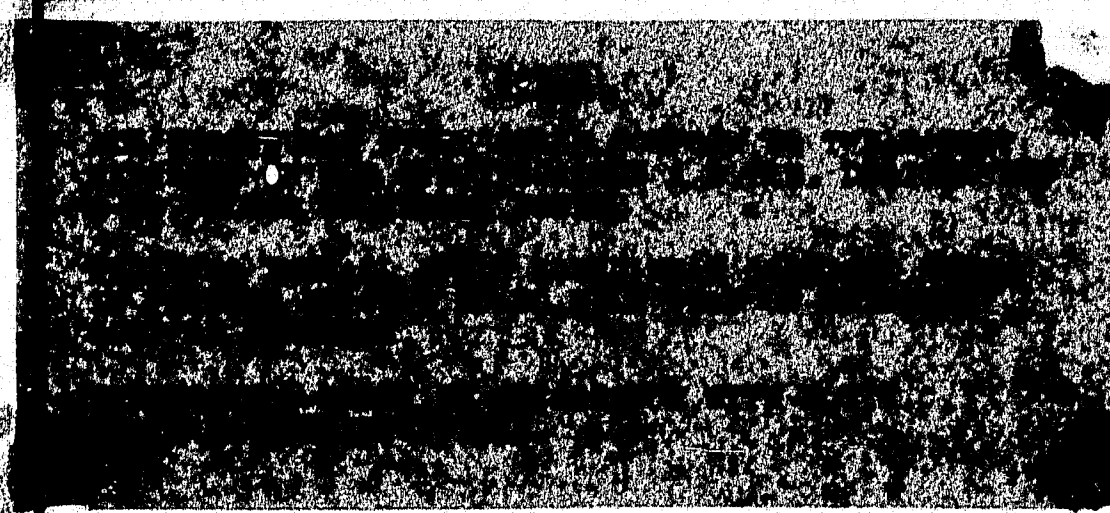




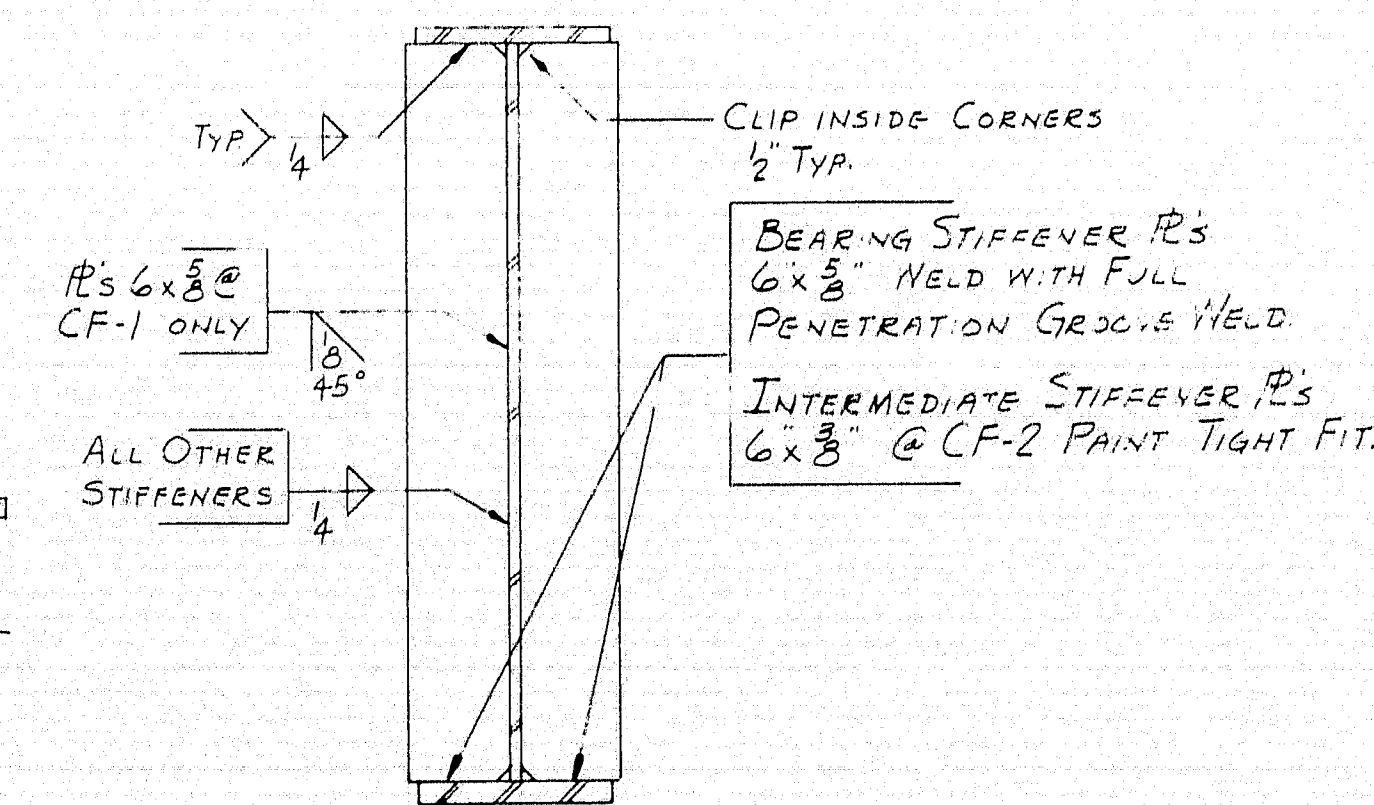




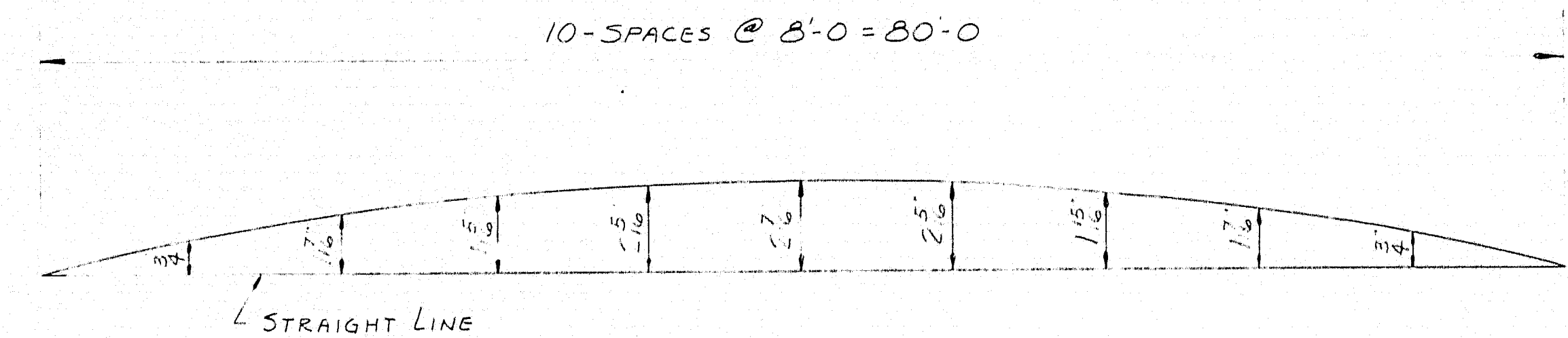
FRAMING PLAN



CROSS FRAMES



STIFFENER DETAIL



CAMBER DIAGRAM

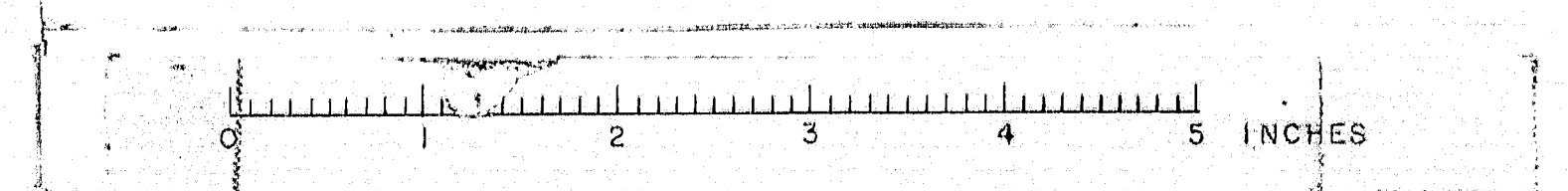
NOTE:

- ① SUBMERGE ARC WELDING @ WEB & FLANGE BUTTS WEB TO FLANGE FILLETS, & BRG STIFFENERS WELDING ELECTRODES: A36 STEEL: LINDE AIR PROD. CO. UNIONMELT 5/32" 36 WIRE - GRADE 50 FLUX, OR LINCOLN ELECTRIC CO. 5/32" L60 WIRE - 780 FLUX.
- ② WELDING & INSPECTION SHALL CONFORM TO A.W.S. SPEC'S. FOR WELDED HIGHWAY & RAILWAY BRIDGES.
- ③ A572 STEEL: GRADE 50 SHALL BE PREHEATED TO 100°F. USING E7028 LOW-HYDROGEN ELECTRODE.

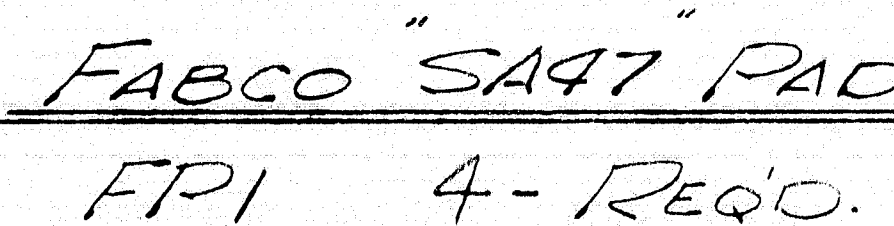
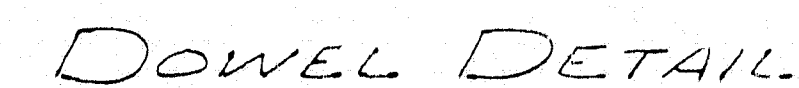
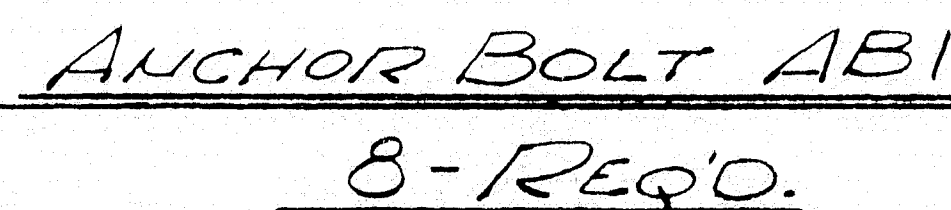
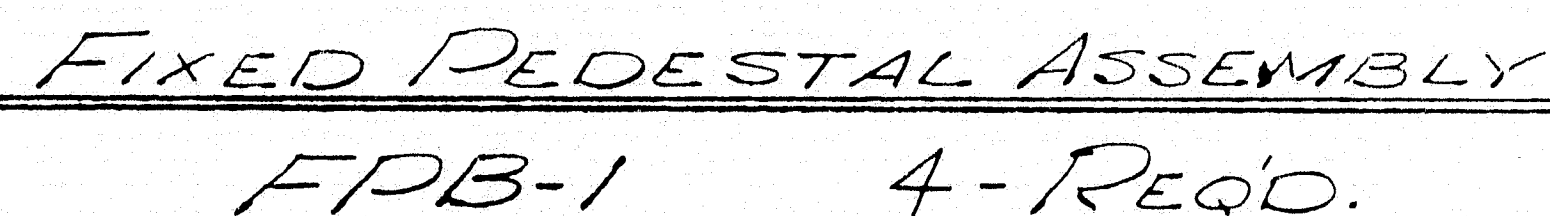
DETAIL-FULL PENETRATION GROOVE WELD TC-L4a

PRINT ISSUE			Framing Plan	
1	SEPH	12-22-67	Bancroft & Martin Inc. Brewer, Maine 04412	
2	SHOP	11-19-68		
2	S.H.C.	11-19-68		
3	CUST	11-19-68	WEST RIDGE BRIDGE SKOWHEGAN, MAINE	
2	S.H.C.	10-29-68		
3	F.A.	10-17-68	CUSTOMER E.N. NASON DESIGNER M.S.H.C.	
REVISION				
REVISION			ORDER VERBAL DWG. B63-388-E1	
REVISION				

103-141

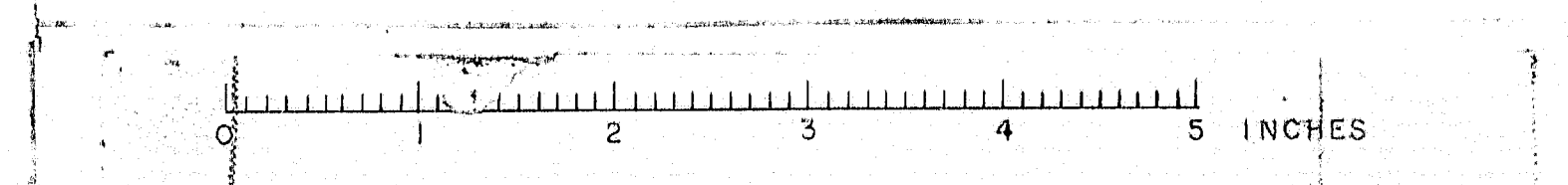




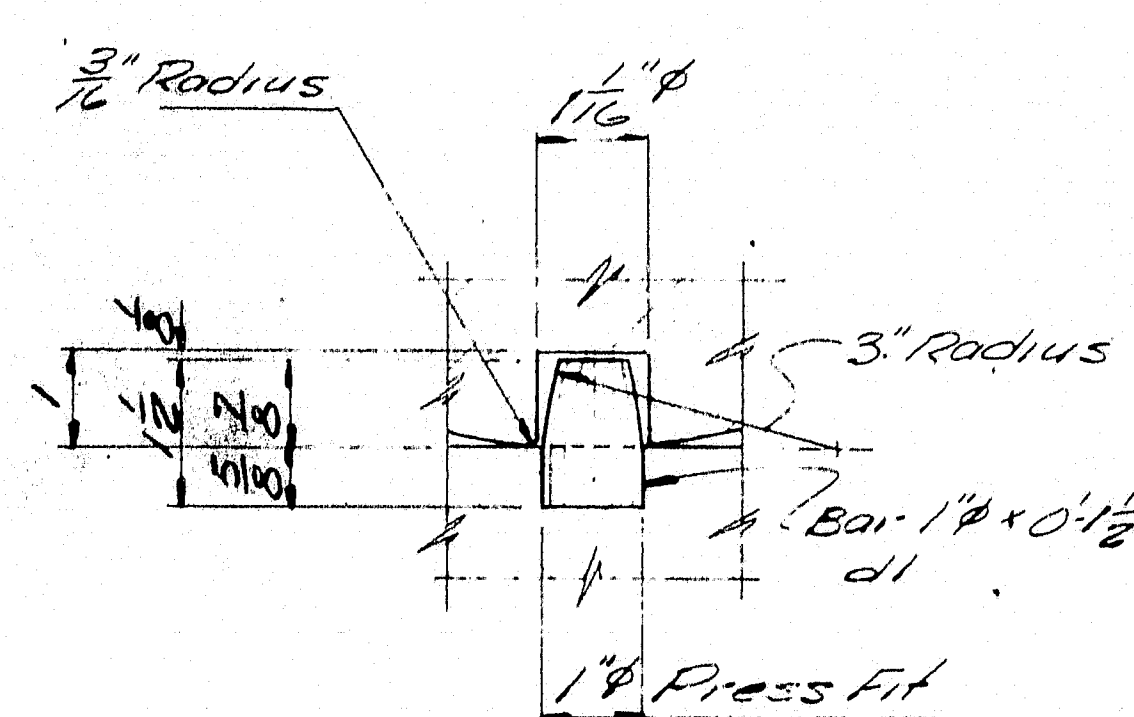
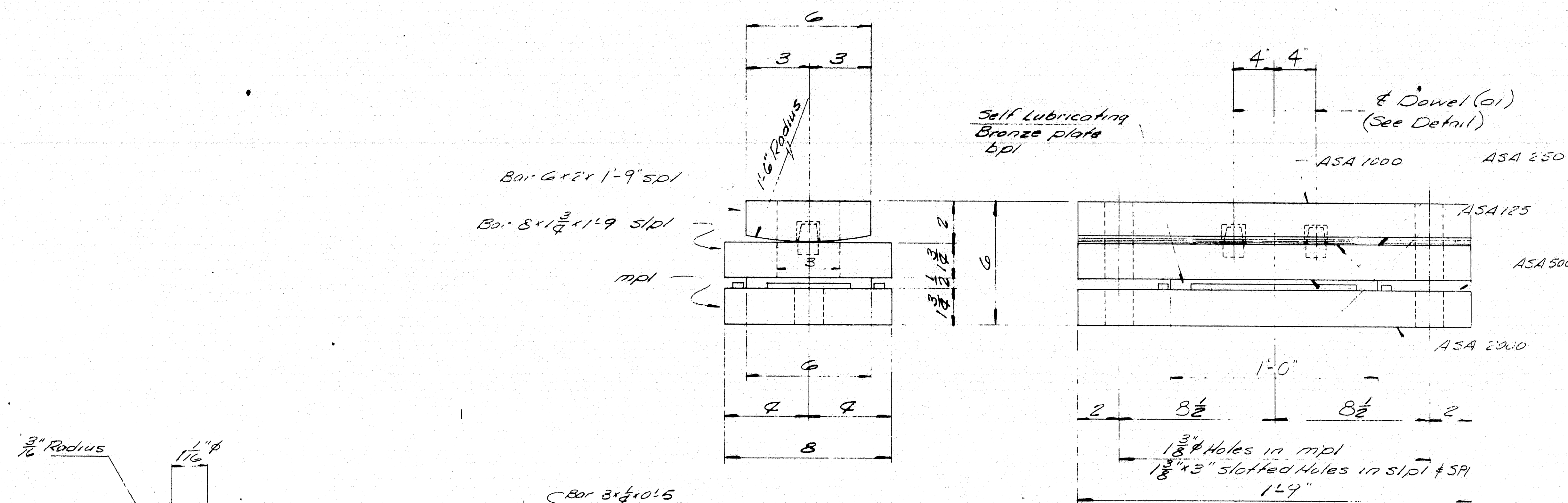


No paint on top of sole plates "SP"  
and 1" down from top on sides, coat  
with boiled linseed oil.  
No paint on Anchor bolts - Oil thds.

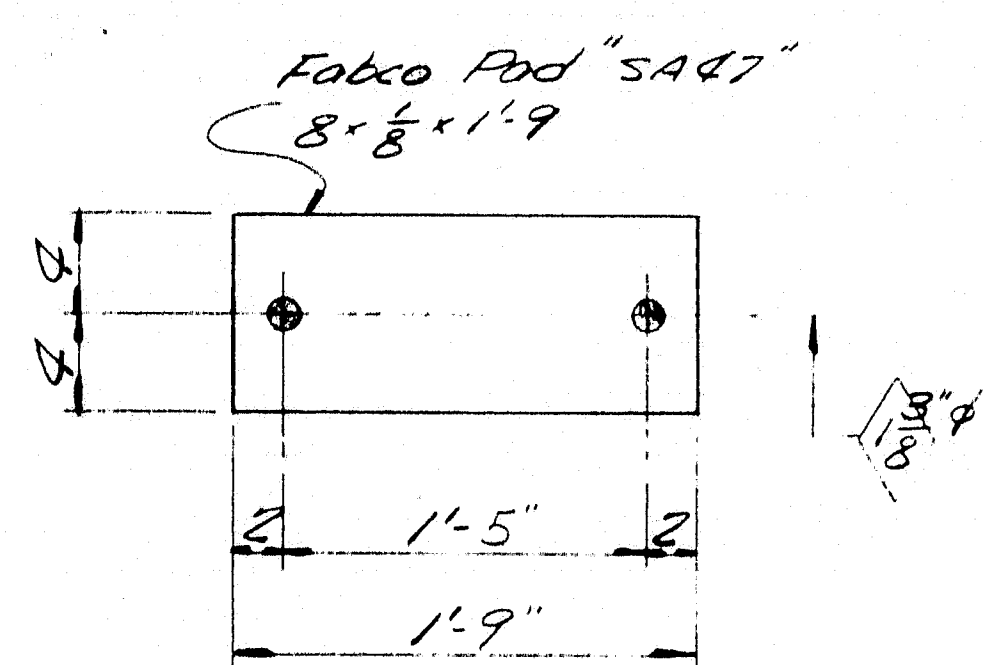
103-142



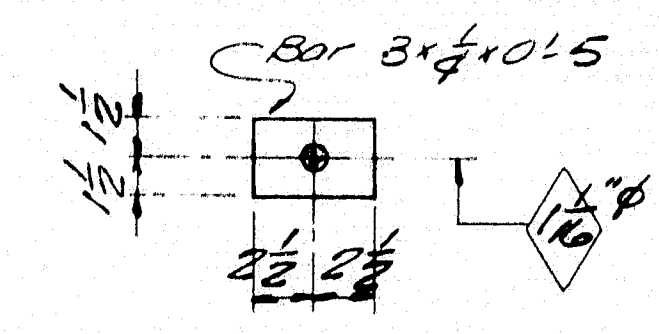




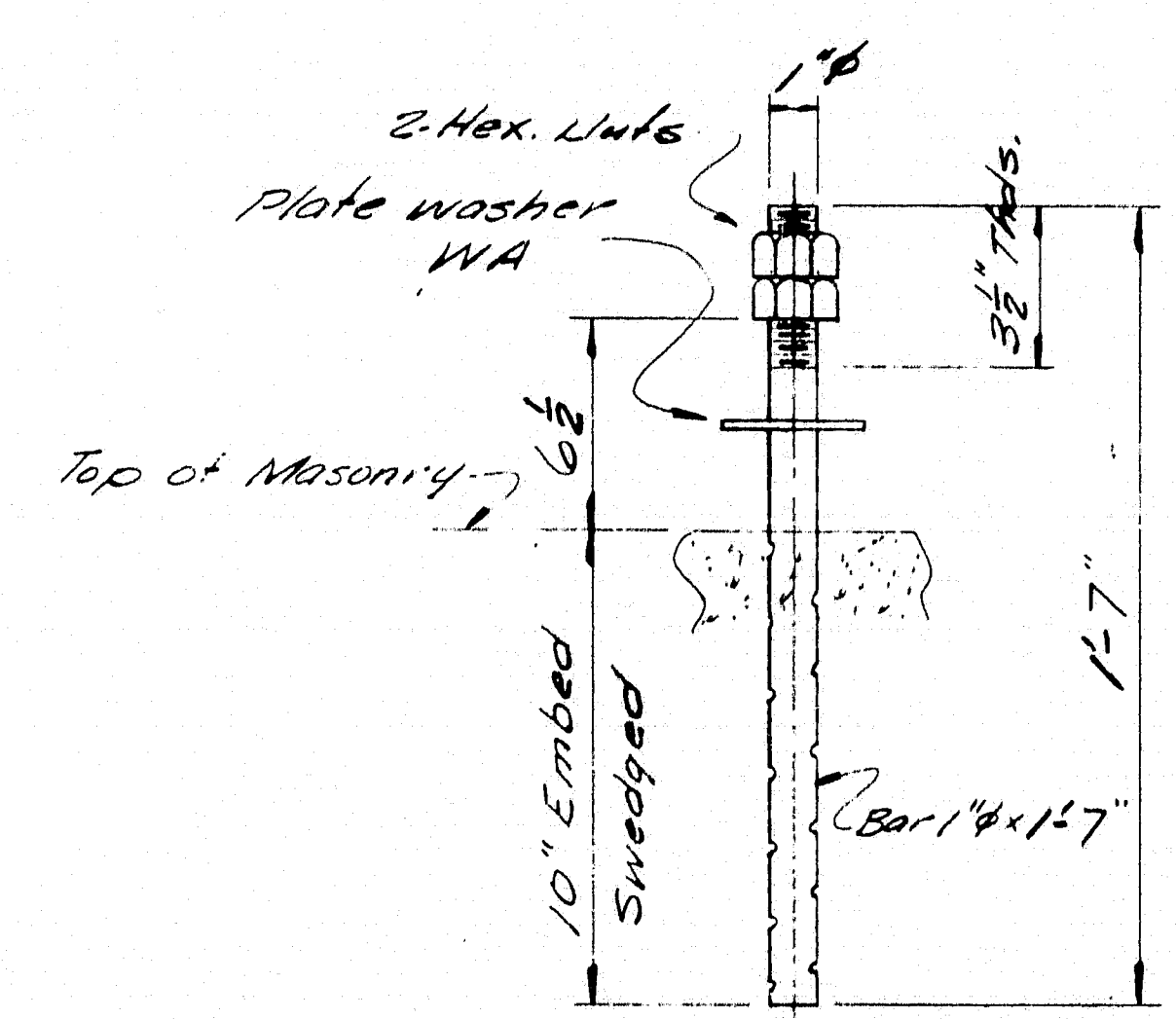
DOWEL DETAIL



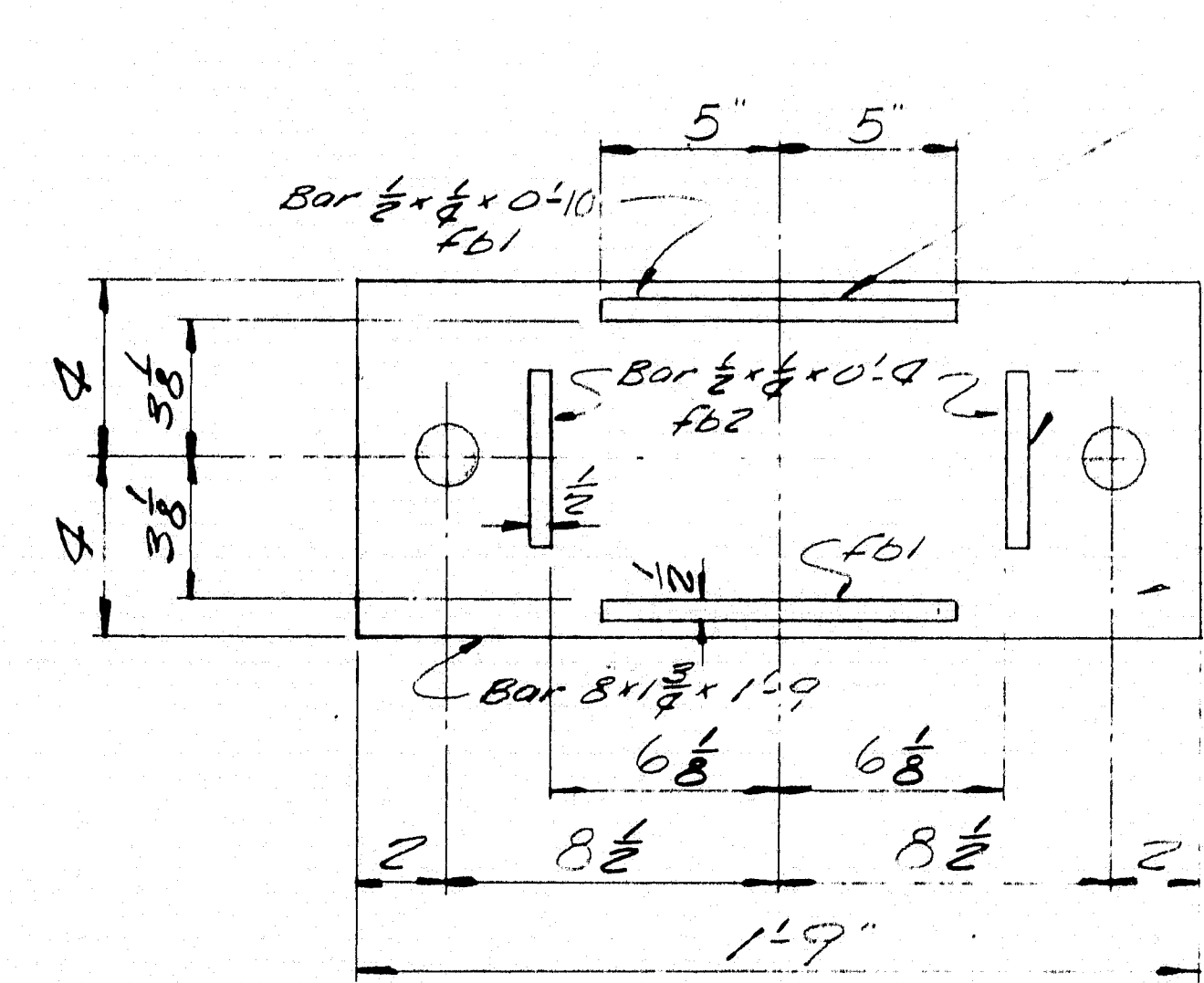
FABCO "SA47" PAD  
FP2 4-REQ'D.



WA DETAIL  
8-REQ'D.



ANCHOR BOLT AB2  
8-REQ'D.



MPI DETAIL  
4-REQ'D.

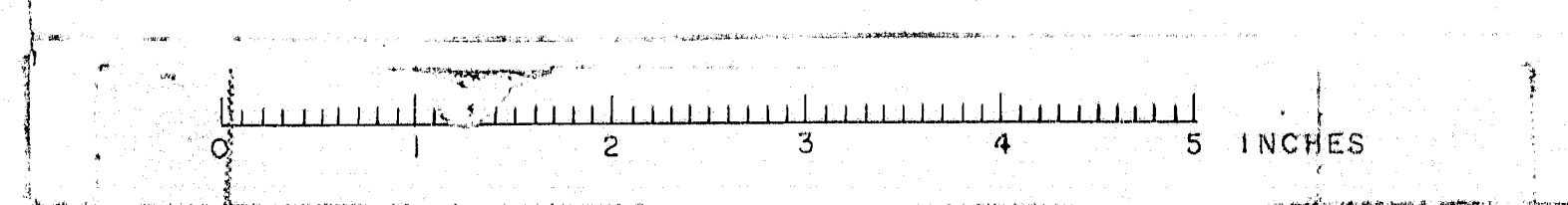
PAINT NOTE:  
No paint on self Lubricating bronze plate.  
No paint on areas in contact with bronze plate, coat with mixture of white lead and tallow.  
No paint on top surface and 1" down from top on sides of sole plates "SP", coat with boiled linseed oil.  
No paint on Anchor bolts - oil this.

SHIP		BILL OF MATERIAL				DWG. NO. 868-388-52
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
EPB-1	4		EXPANSION PEDESTAL ASS'Y.			
		4	mpl Bar 8 x 1/4	1 9		
		4	SPl Bar 8 x 1/4	1 9		
		4	SPl Bar 6 x 1/2	1 9		
		4	bpl 12 6 x 1/2	1 0		Self Lubricating Bronze plate Req. No.
		8	d1 Bar 1/4	0 1 1/2		
		8	fbi Bar 1/2 x 1/2	0 10		
		8	fbi Bar 1/2 x 1/2	0 4		
AB2	8		Bar 1/4	1 7		swept
WA	8		shop 1" Hex. Lug	0 5		plate washer
FP2	4		pad 8 x 1/2	1 9		Fabco Pad "SA47" Req. No.
Allowance to be made for machining when cutting above plates.						
ITEM PROJECT NO. 3773						
Sole plates "SP" to be field welded to stringers.						

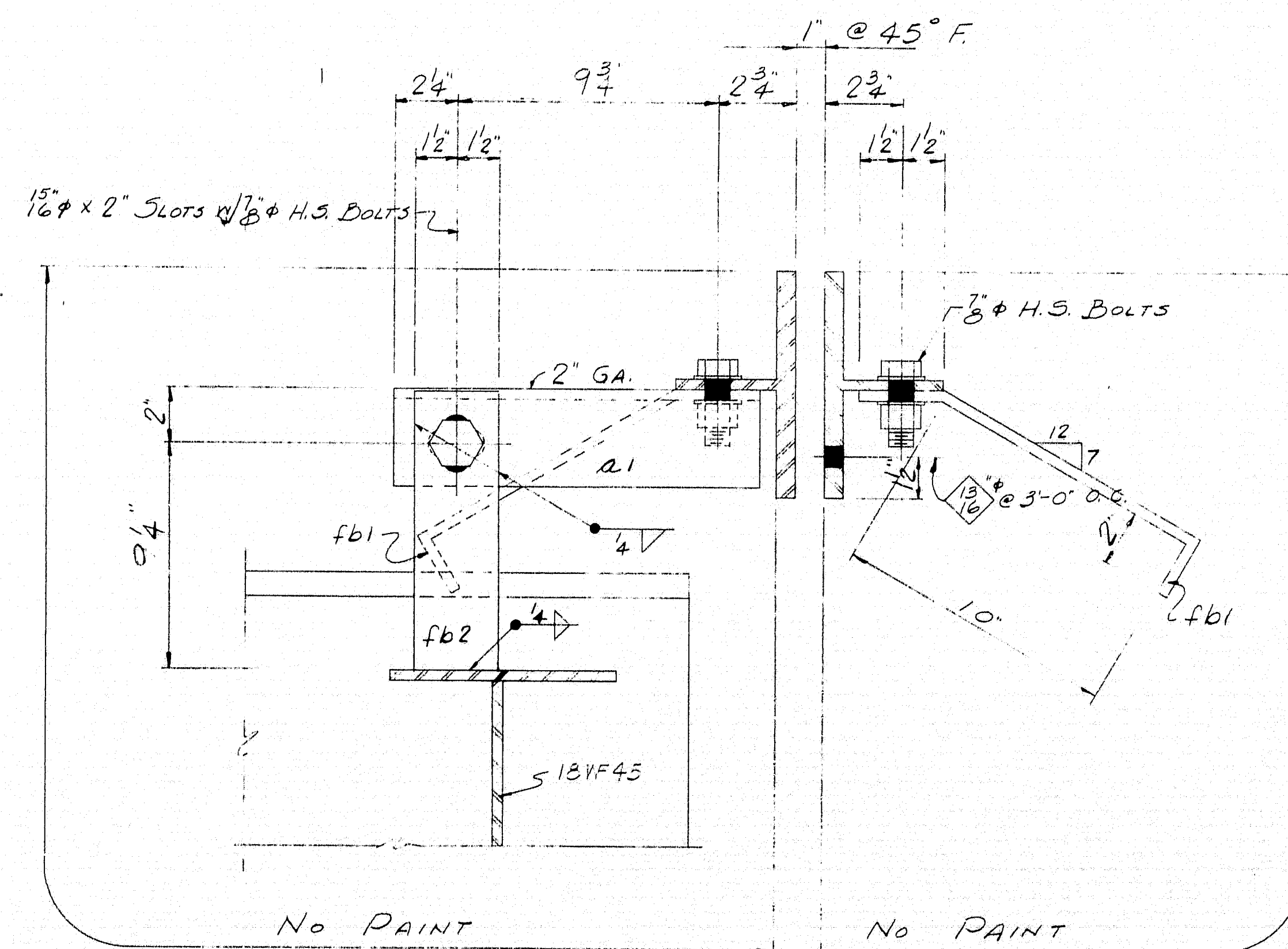
Bearing material to be ASTM A36. Anchor bolts to be A7, A36, or A307.  
All welds to be made with E70 Electrodes.  
SHOP CONNECTIONS: welded  
FIELD CONNECTIONS:  
HOLES: 1/8" and as noted  
PAINT: Red lead per Maine S.H.C. Spec, and as noted.  
APP. AS NOTED 10-21-68

BEARING PEDESTAL DETAIL	
Bancroft & Martin Inc. South Portland 7, Maine	
WEST RIDGE BRIDGE SKOWHEGAN, MAINE	
CUSTOMER <u>E.N. NASON</u>	
DESIGNER <u>M.S.H.C. BRIDGE DIV.</u>	
ORDER NO. <u>VERBAL</u>	DWG. NO. <u>B68-388-52</u>

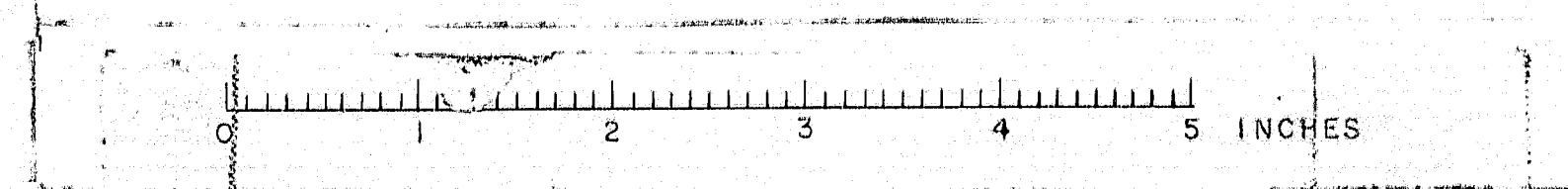
103-143



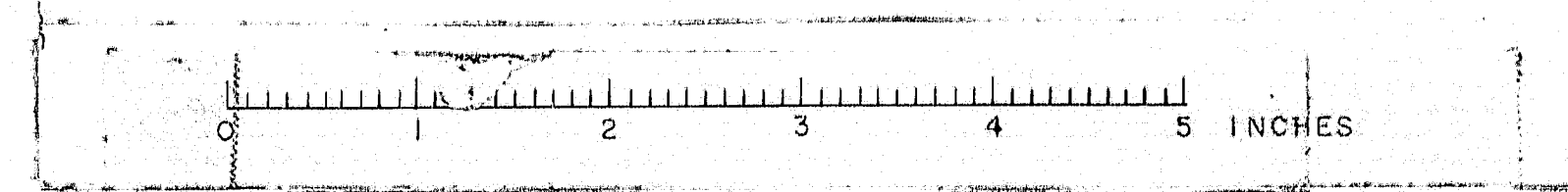
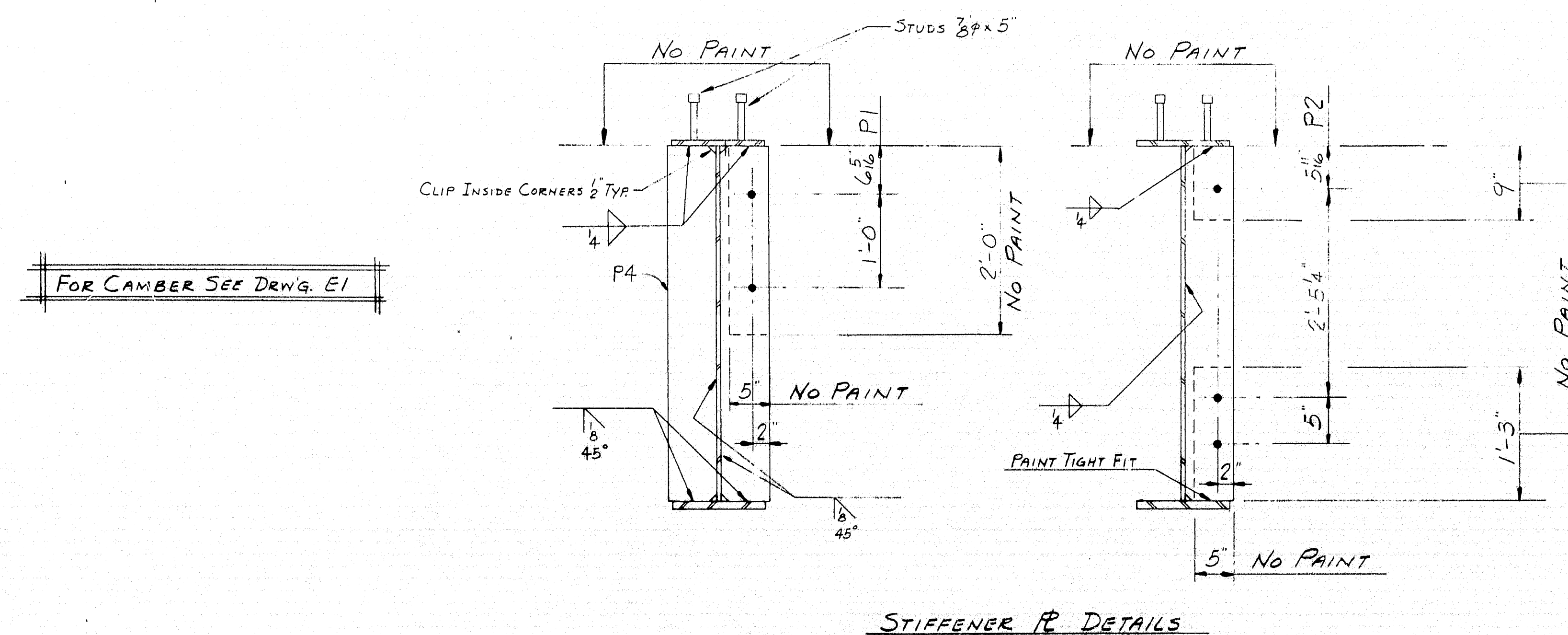
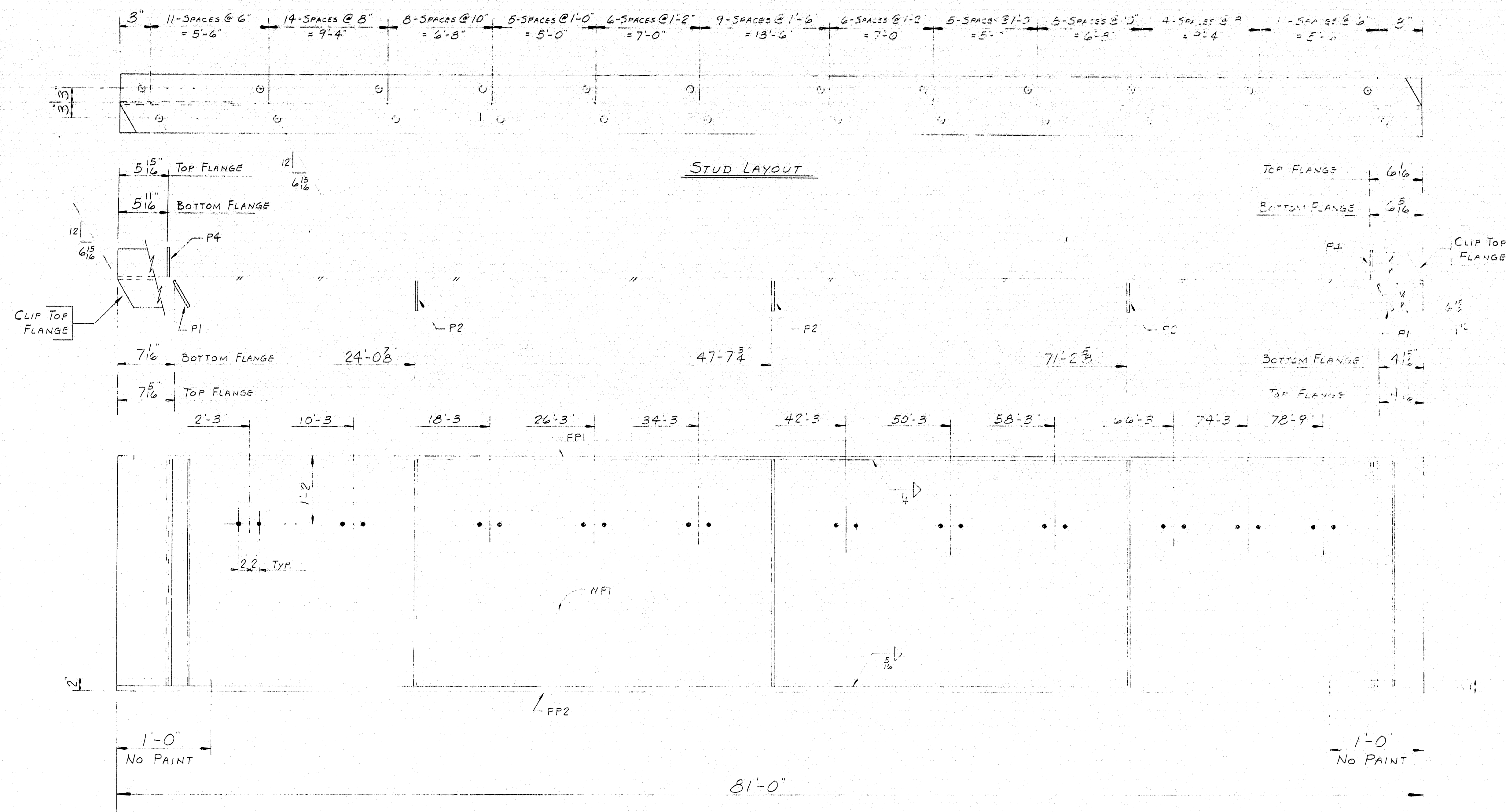


[illegible]

103-144







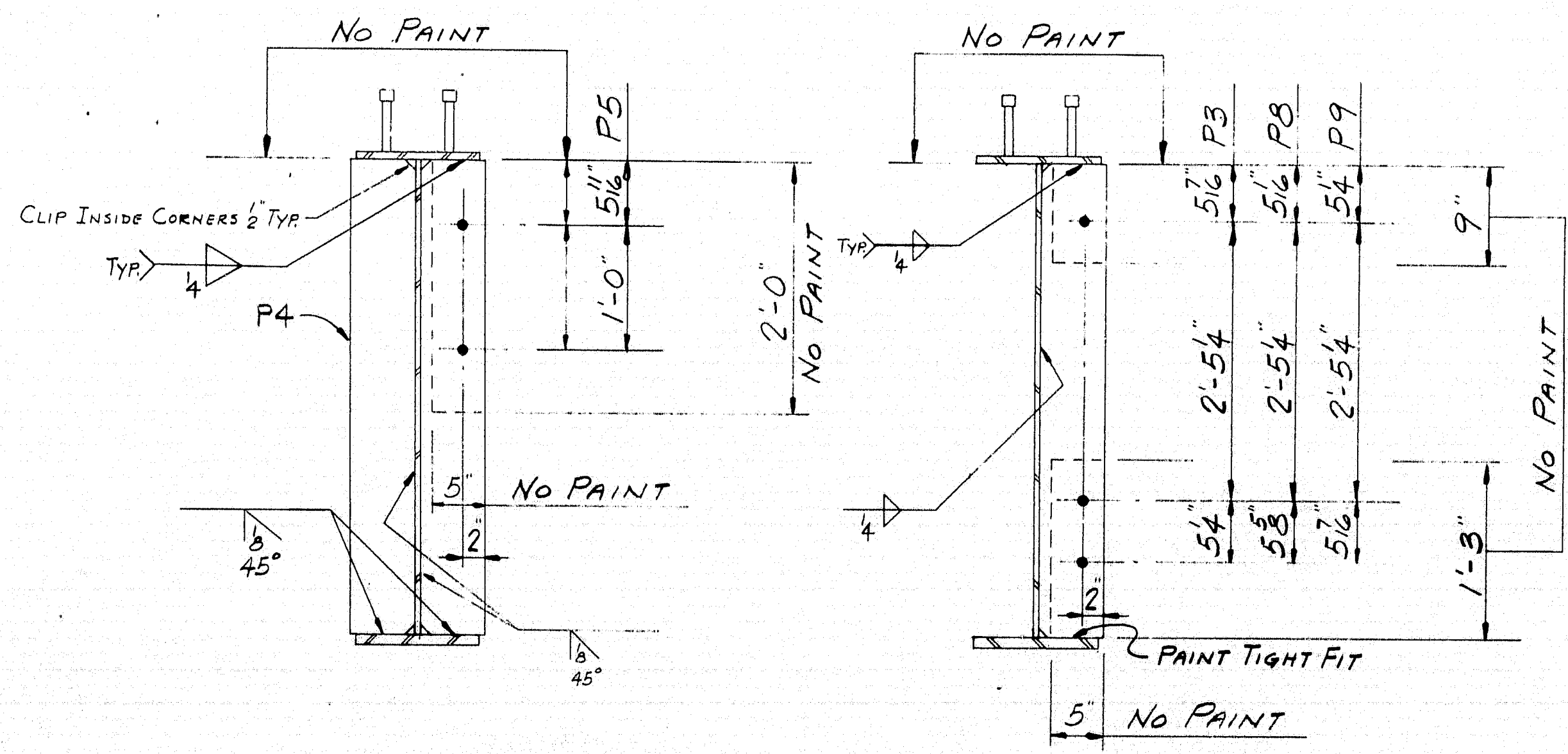
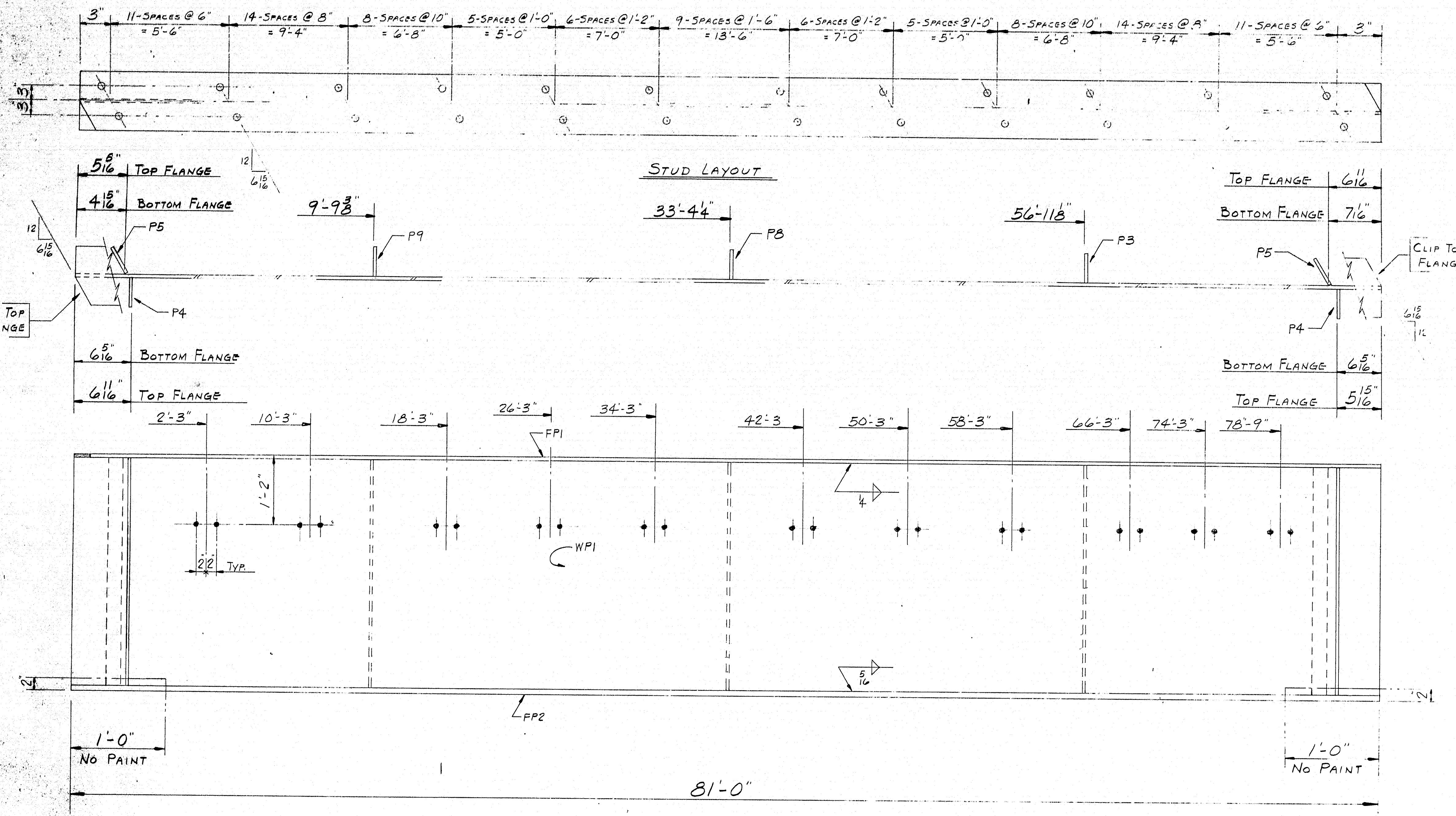








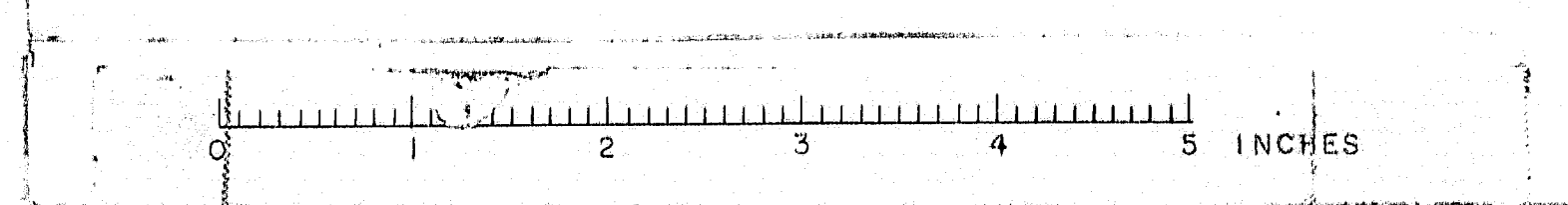




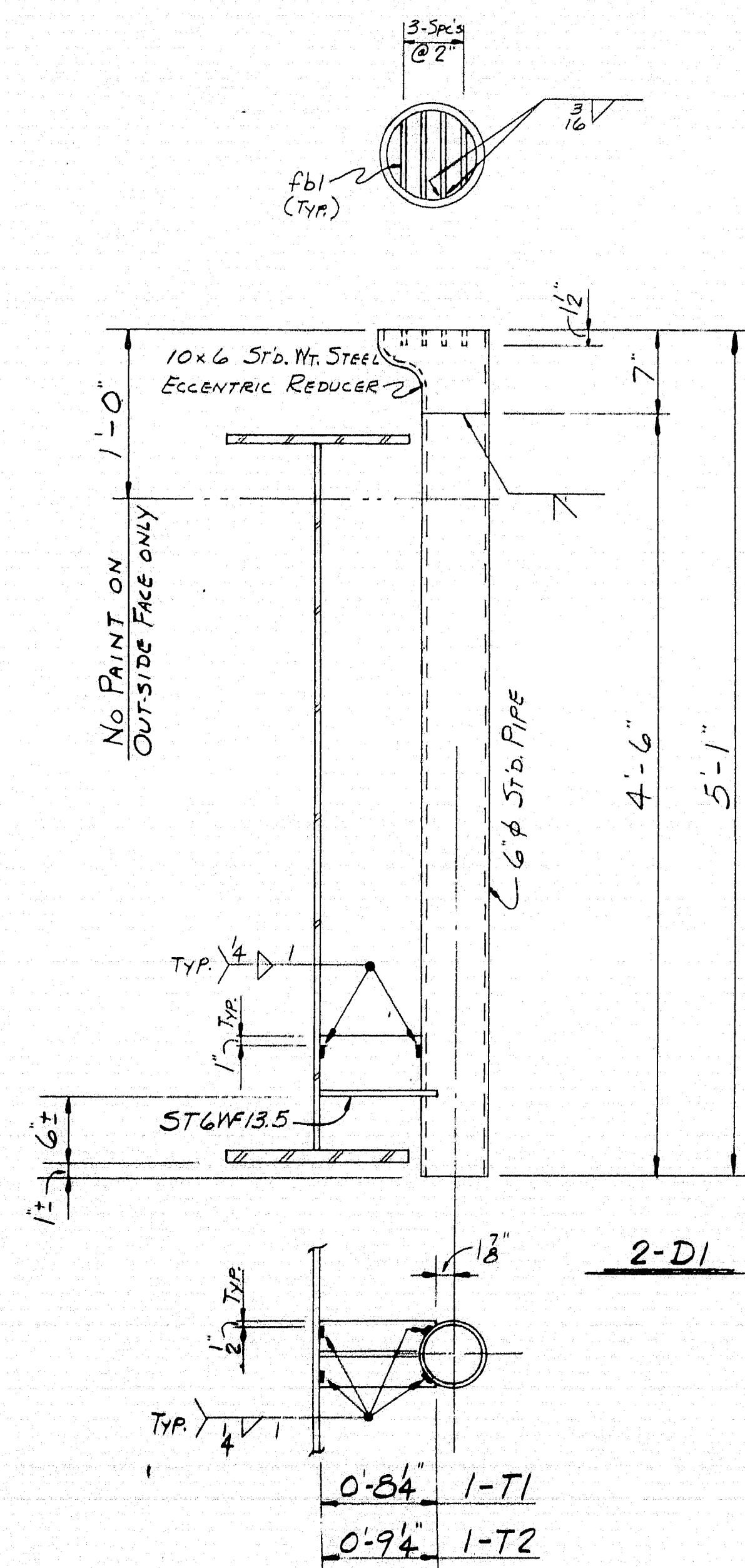
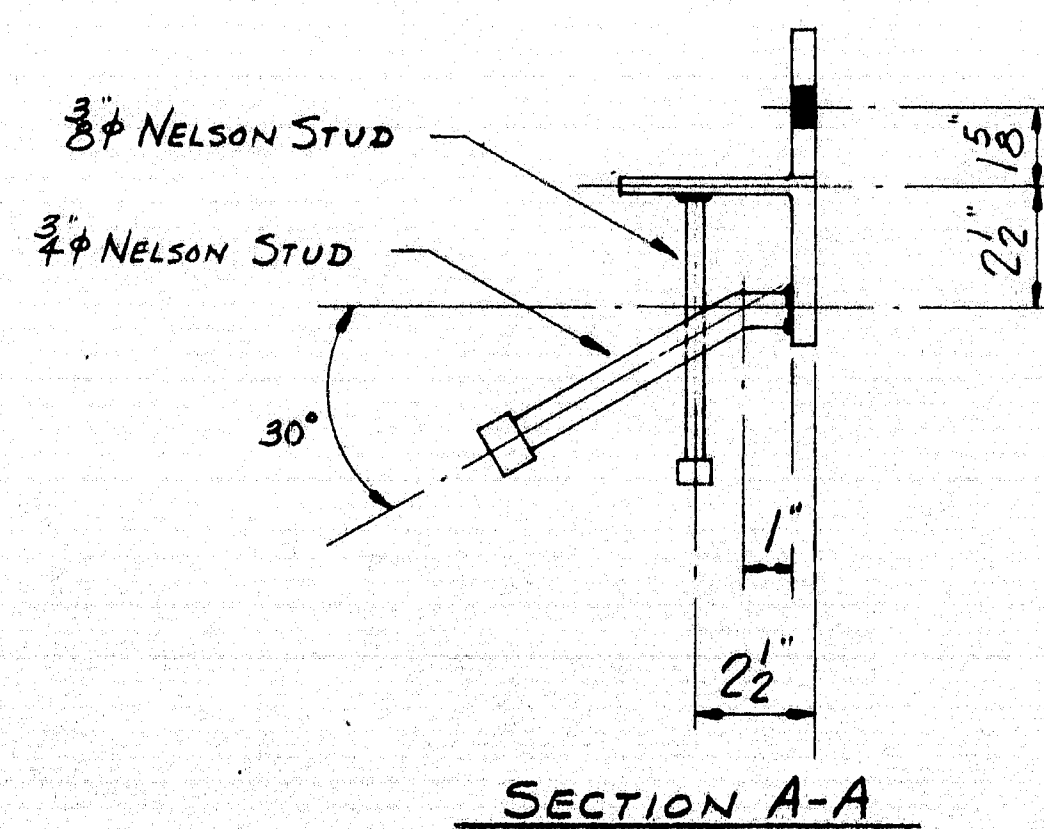
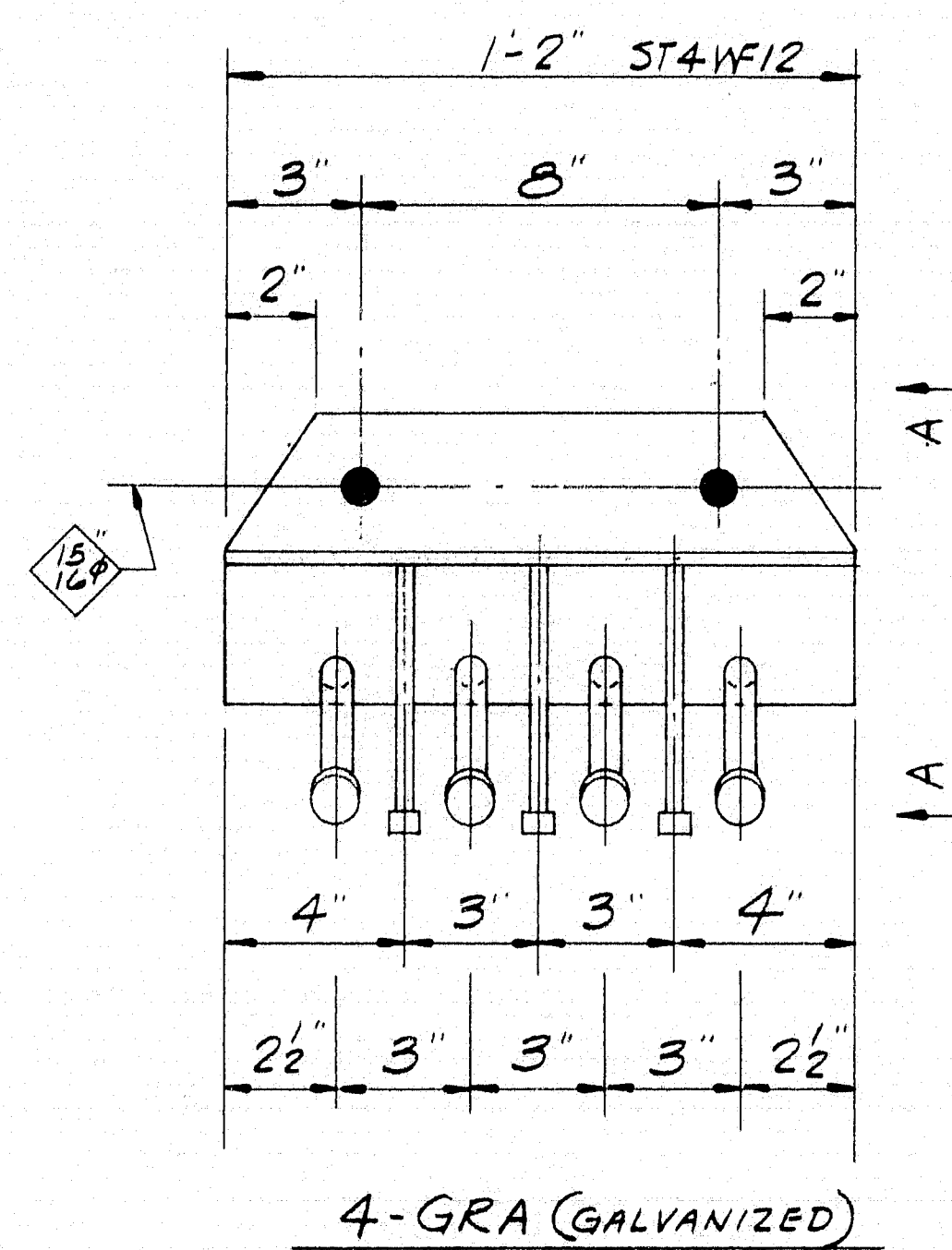
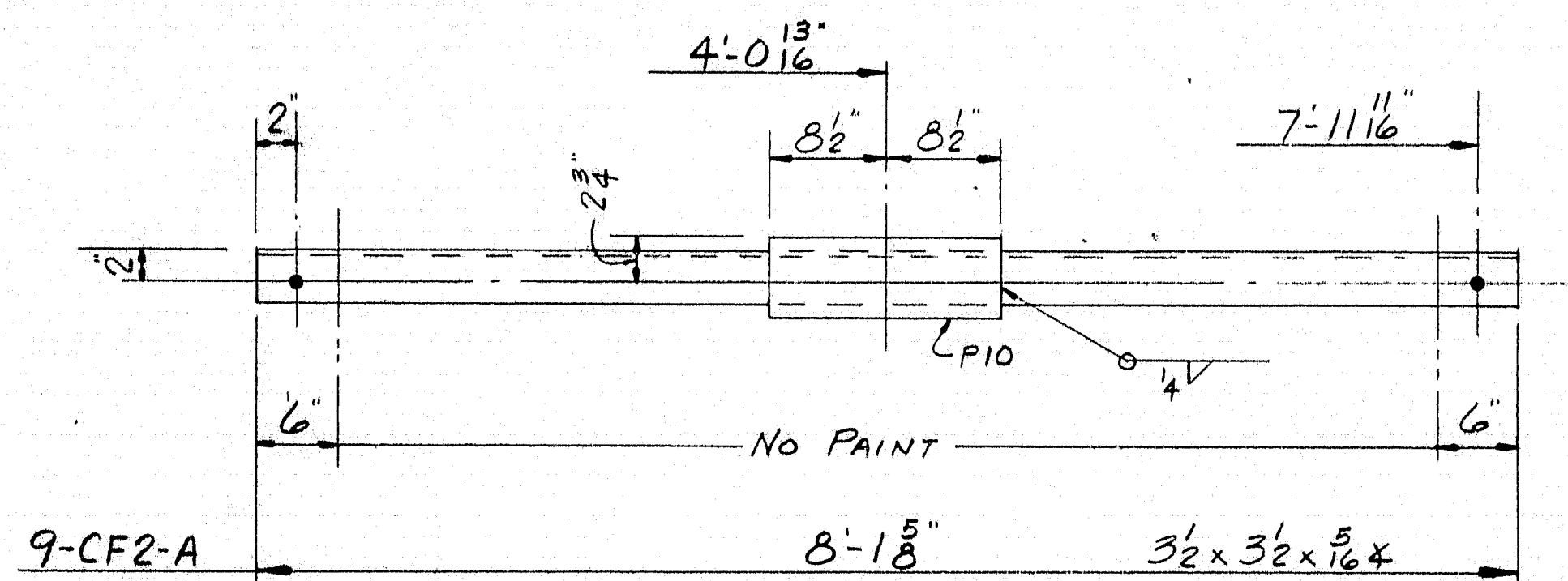
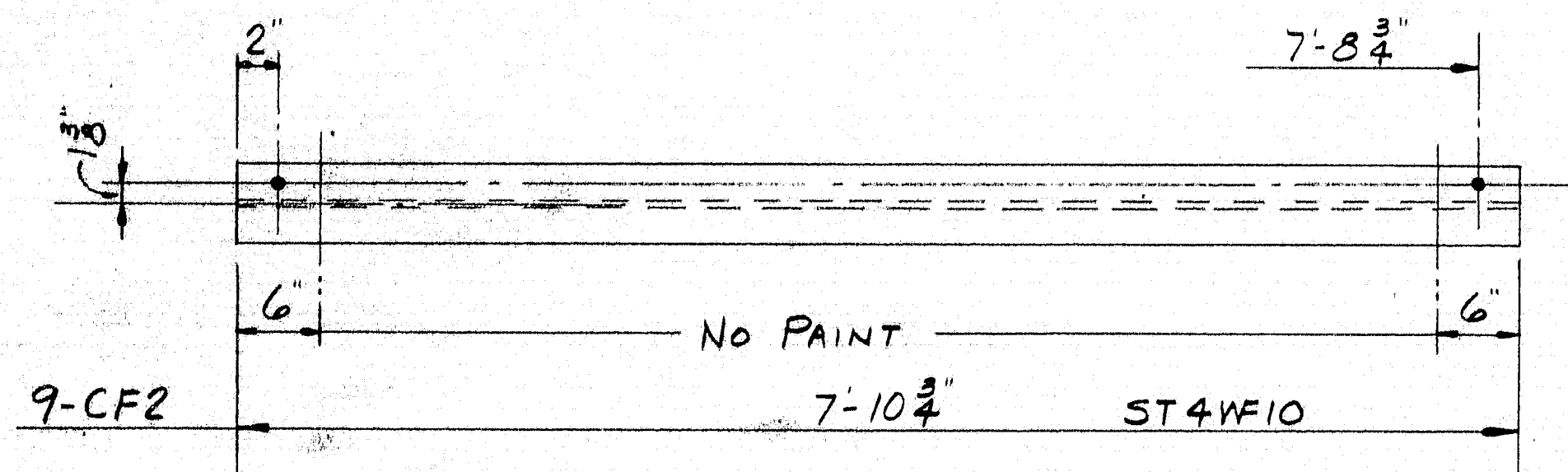
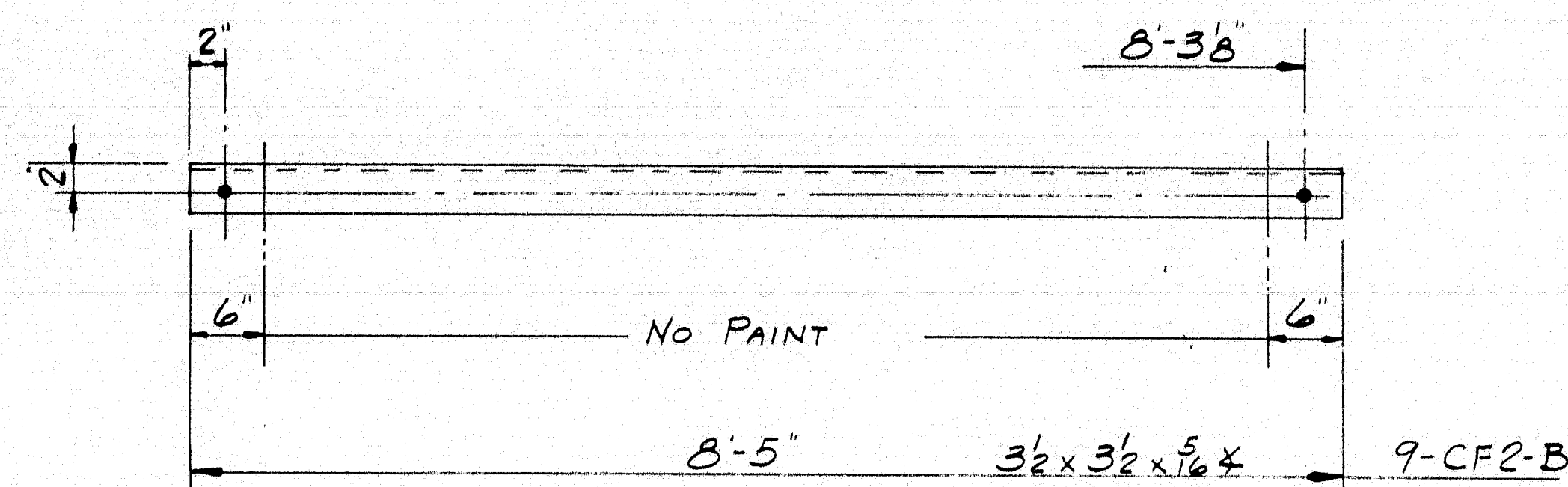
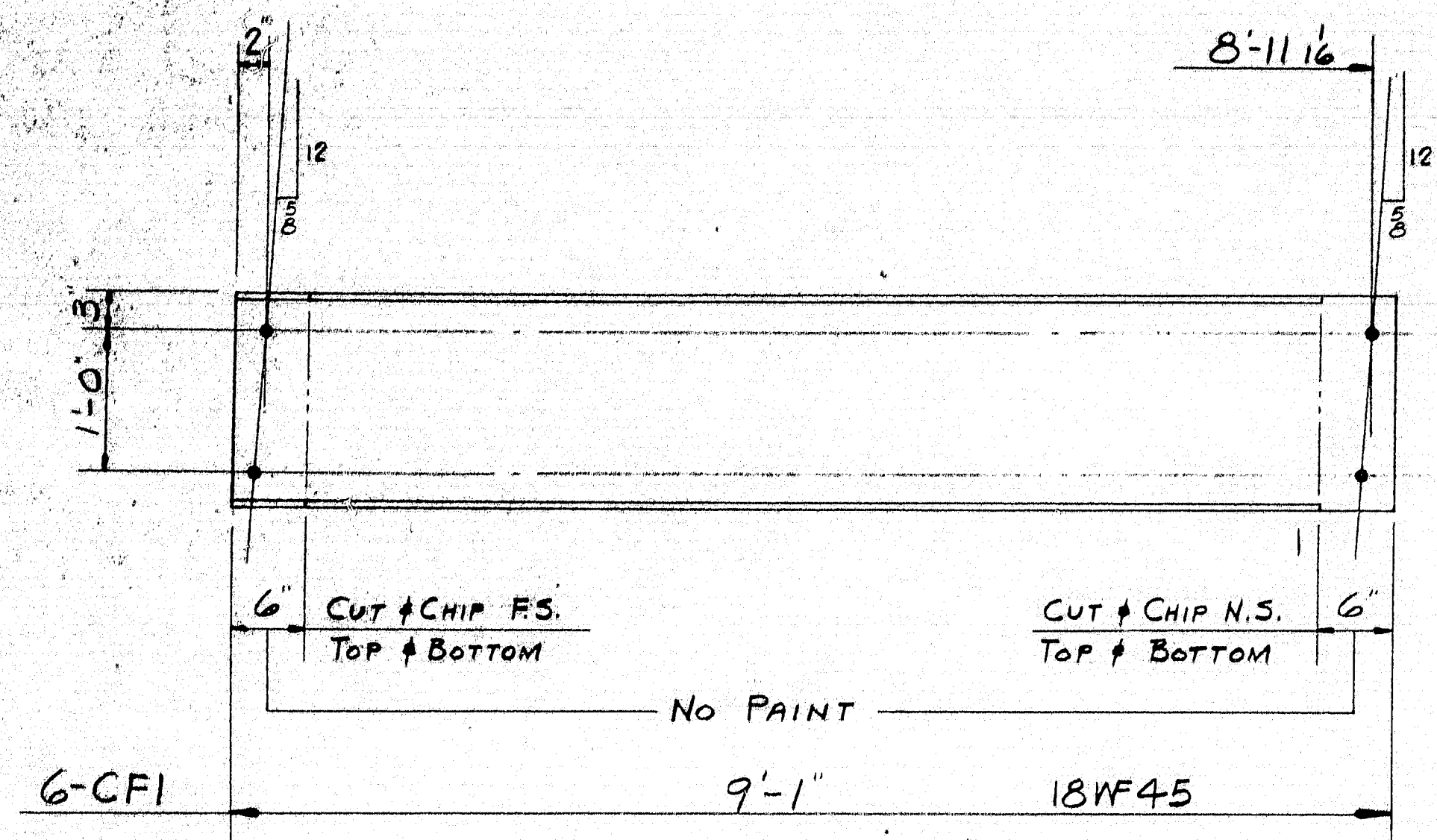
FOR CAMBER SEE DRWG. E1

SHIP		BILL OF MATERIAL			JOB NO. B68-388	DWG. NO. 57
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
G4	1		GIRDER			
	1	WPI	R50x16	81' 6"		A572 GRADE 50
	1	FP2	R12x1/2	81' 0"		do do do
	1	FP1	R12x3/4	81' 0"		A36
	1	P3	R6x3	3' 10"		
	1	P8	do	3' 10"		
	1	P9	do	3' 10"		
	2	P4	R6x3	3' 10"		A36
	2	P5	do	3' 10"		
	196	SHOP	3/8" NELSON STUDS	0' 5"		
PROJECT No. 3773						
STEEL: ASTM. A5 NOTED						
WELDING ELECTRODE E7028						
SHOP CONN: WELD						
FIELD CONN: 3/8" M. BOLT						
HOLES: 1 1/2"						
PAINT: STATE OF MAINE SPEC'S						
SPECIAL CLEANING:						
APPROVED: AS NOTED 11-14-68						
GIRDER #4						
PRINT DIST.						
Bancroft & Martin Inc.						
Brewer, Maine						
JOB: WEST RIDGE BRIDGE						
SKOWHEGAN, MAINE						
CUSTOMER: E. N. NASON						
DESIGNER: M. S. H. C.						
ORDER NO.						
JOB NO.						
DRAWING NO.						
CHECKED 11-18-68 E.A.M.						
DRAWN 10-23-68 C.J.M.						
VERBAL B68-388 57						

103-148







SHIP		BILL OF MATERIAL			JOB B68-388		DWG. SB	
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS		
CF1	6		18WF45	9	1			
CF2	9		ST4WF10	7	10 3/4			
CF2-A	9		3 1/2 x 3 1/2 x 5/16	8	1 3/8			
CF2-B	9		do	8	5			
	9	P10	2 1/2 x 3 3/8	1	5			
D1	2		6" STD. PIPE	4	6			
	2		10 x 6 STD. WT.	0	7	ECCENTRIC REDUCER		
	8	fbl	FB. 12 x 2	0	10	FIT		
T1	1		ST6WF13.5	0	8 1/4			
T2	1		do	0	9 1/4			
GRA	4		ST4WF12	1	2	(GALVANIZED)		
	16	SHOP	3/4" NELSON STUD	0	7 1/2			
	12	SHOP	3/4" NELSON STUD	0	6			
FIELD	82		5/8" M. BOLT	0	2			
do	164		3/4" STD. WASHER					

103-149