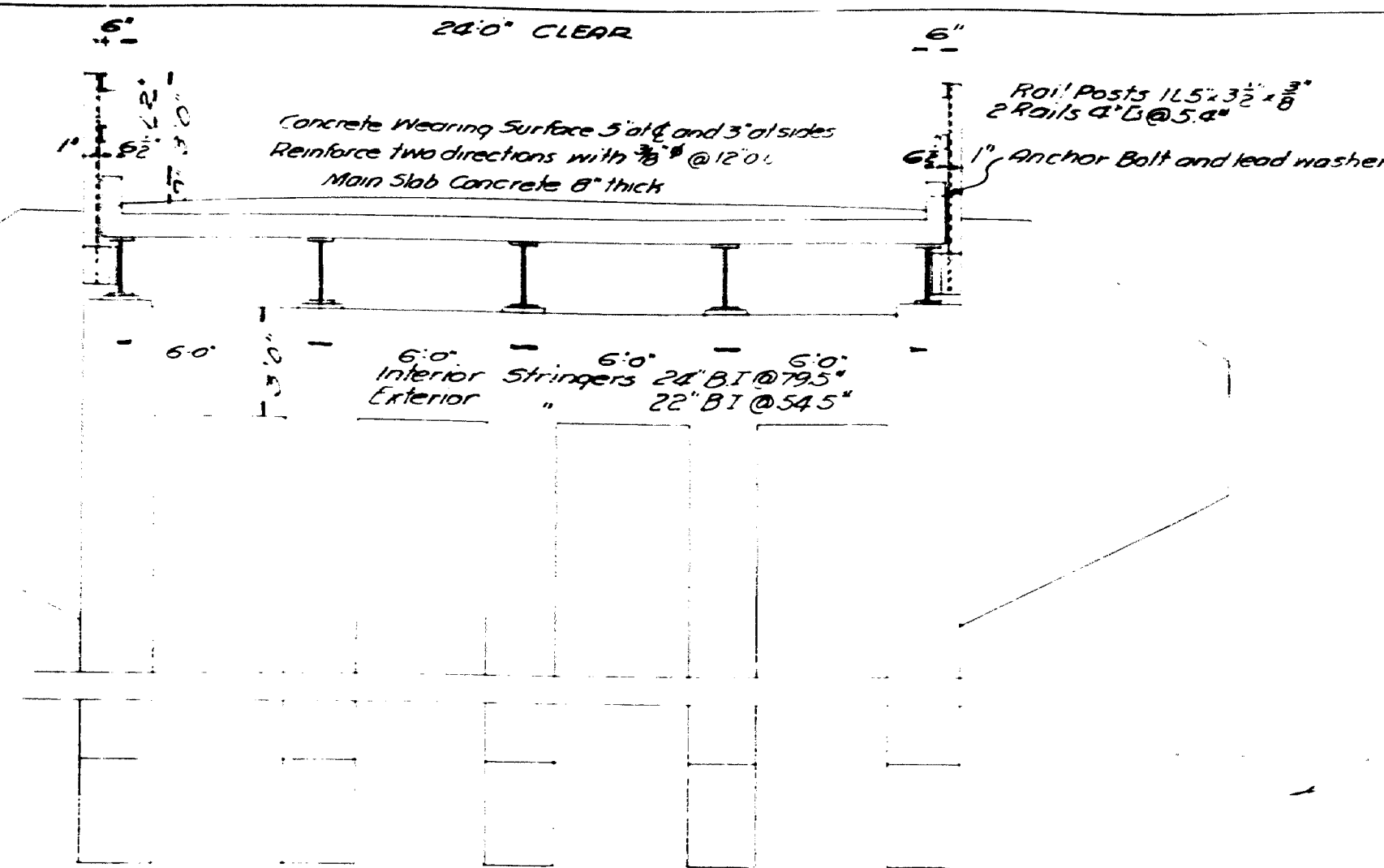
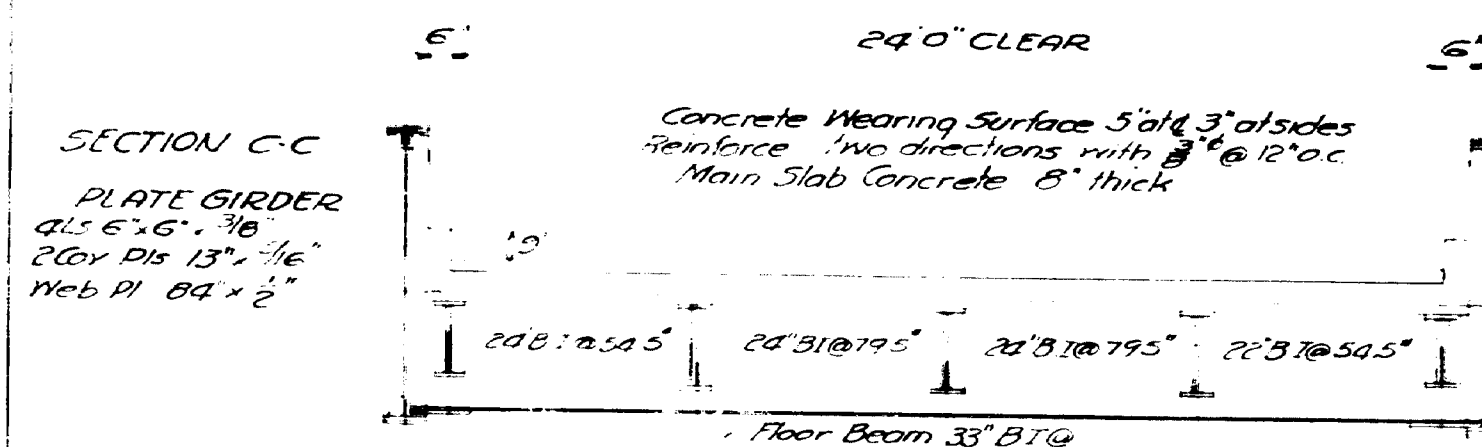


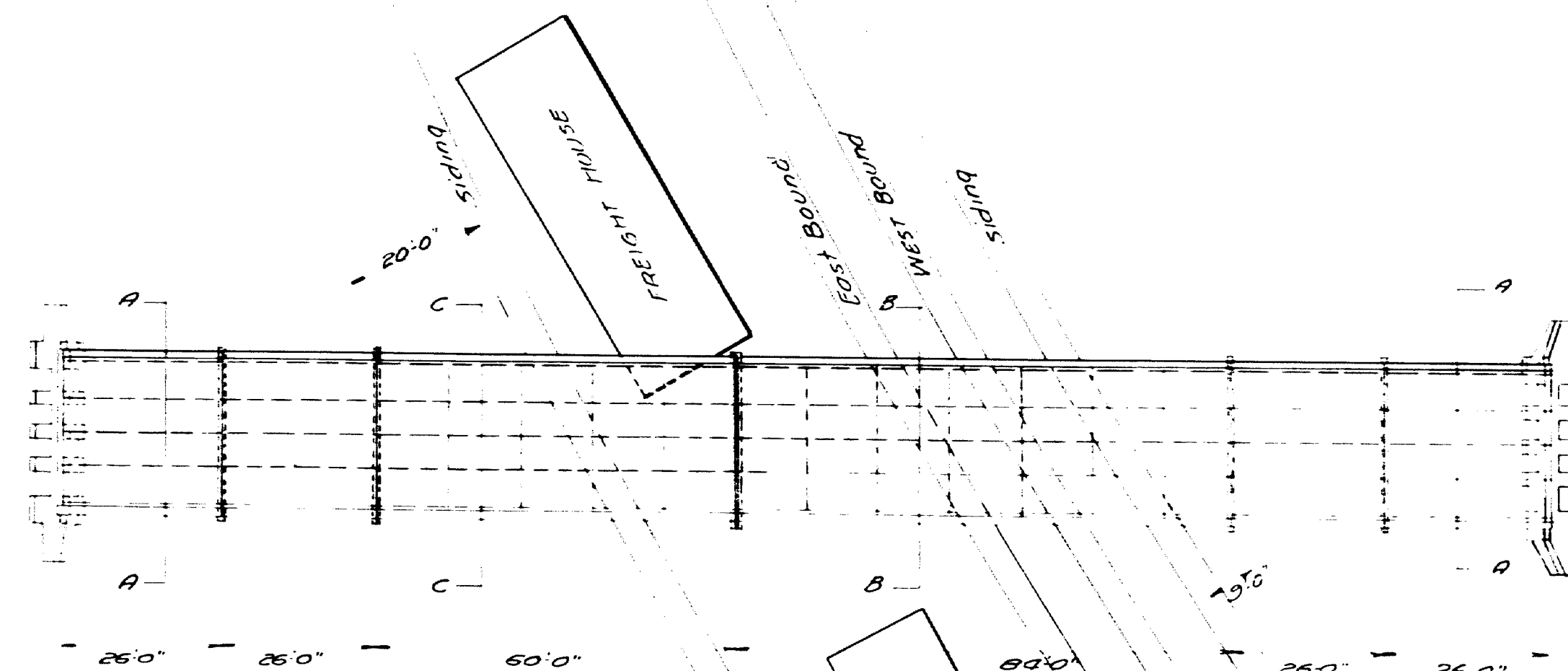


SECTION A-A
Deck of intermediate 26'0" spans similar

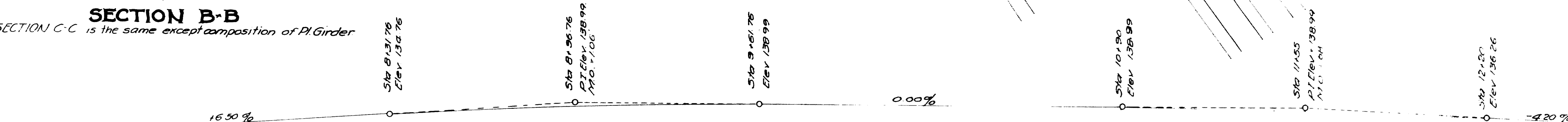


SECTION B-B
SECTION C-C is the same except composition of PL Girder

SECTION B-B
PLATE GIRDER
41.5" x 6" x 3/8"
2" @ 13" x 1/2"
Web PL 84" x 1/2"

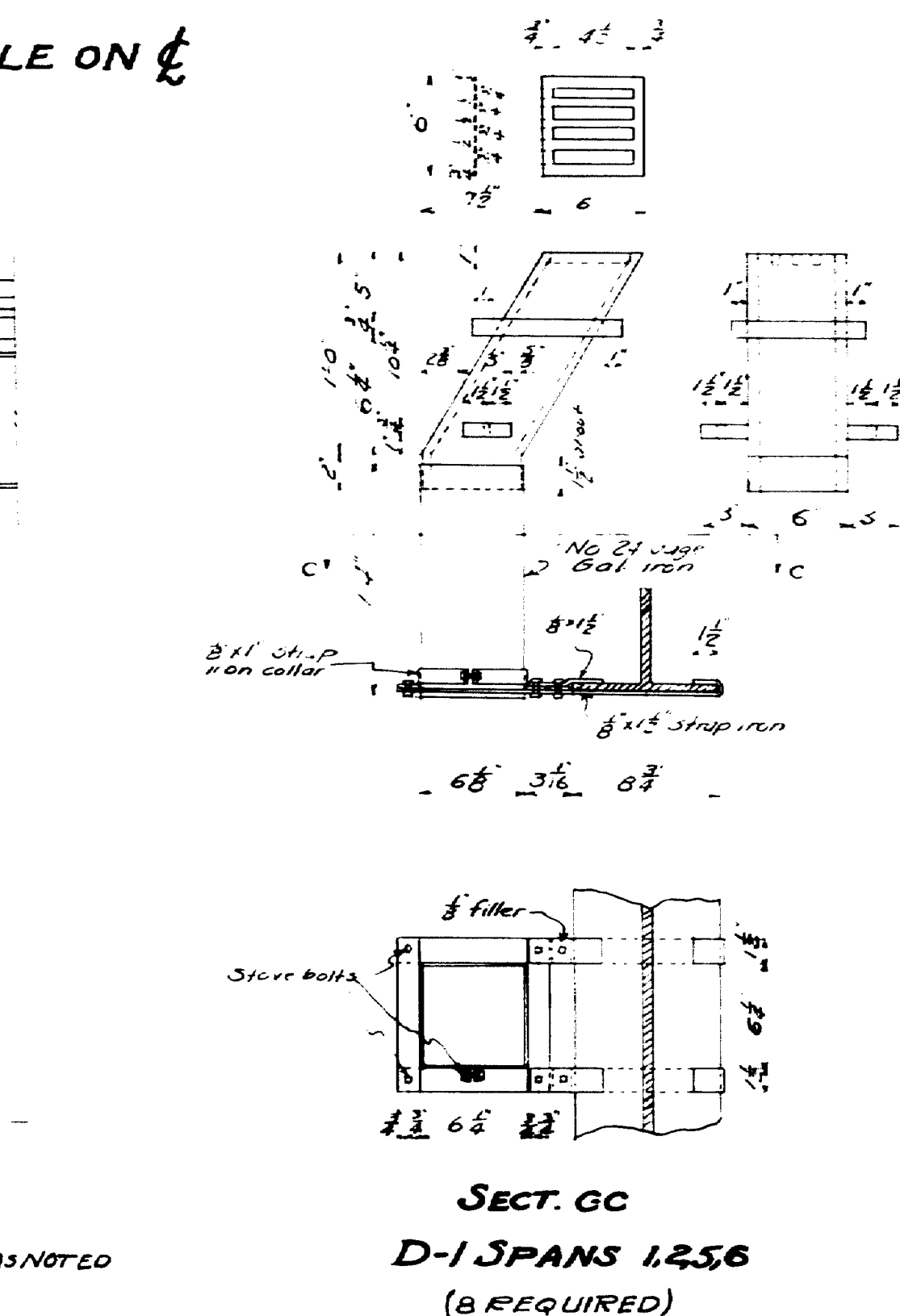
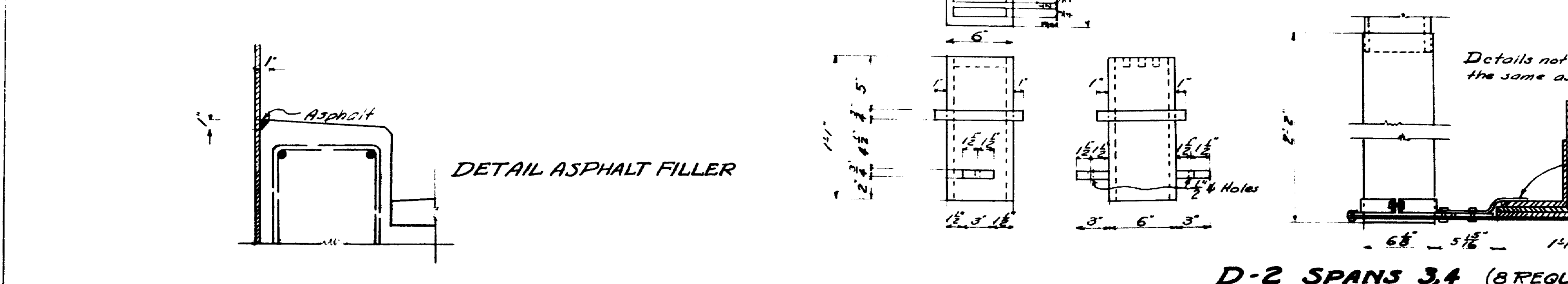
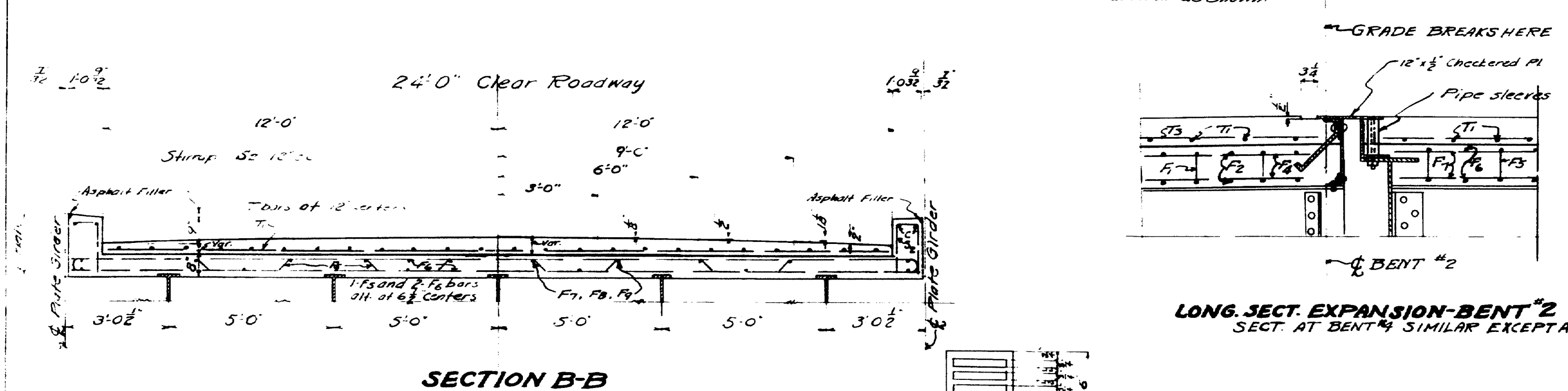
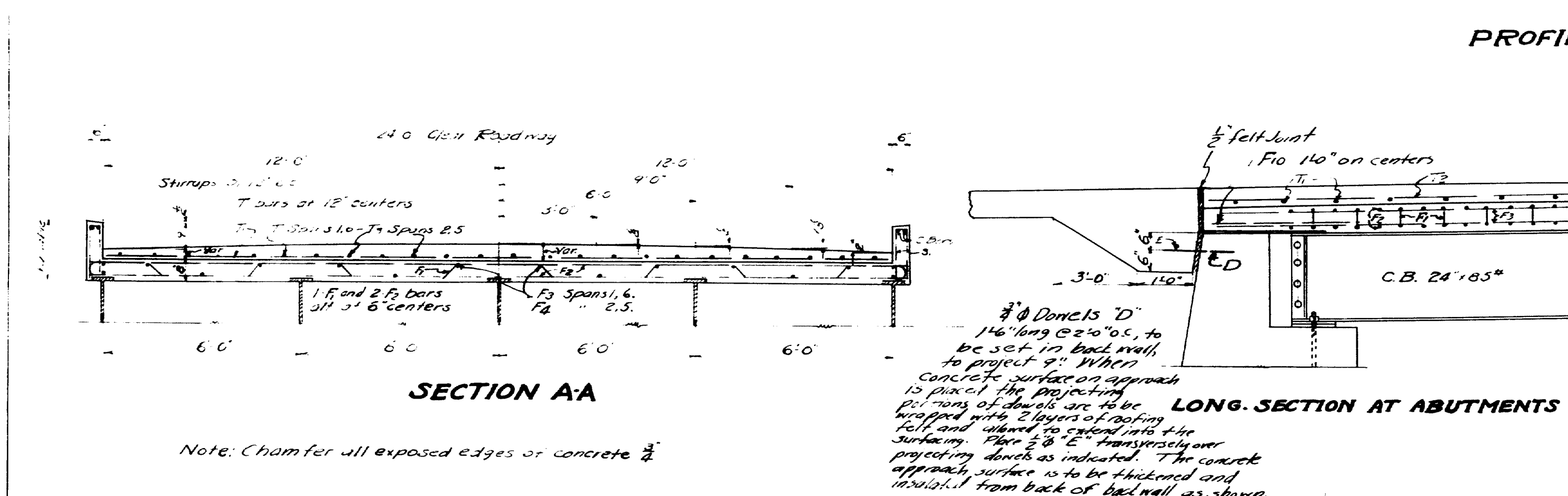
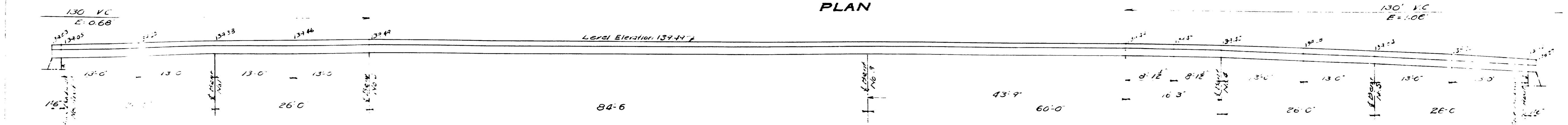
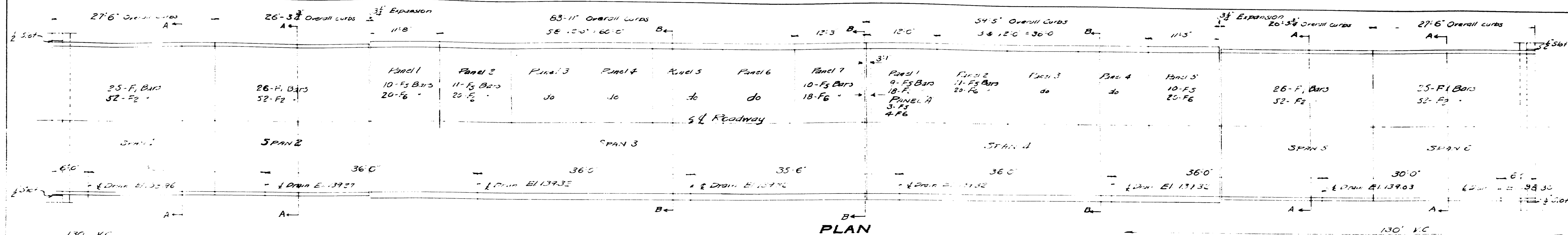


PLAN
Scale 1" = 20'

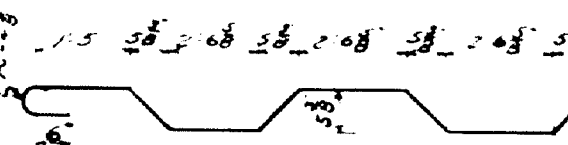


ELEVATION
Scale: Hor 1" = 20', Ver 1" = 20'

MAINE HIGHWAY COMMISSION
BRIDGE DIVISION
MAINE CENTRAL RR. CROSSING
STATE HIGHWAY "1"
CARMEL
GENERAL PLAN PROPOSED BRIDGE
AUGUSTA, MAINE SEPT. 15, 1930.

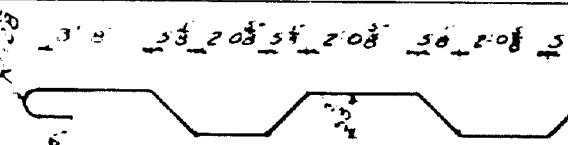


STEEL SCHEDULE



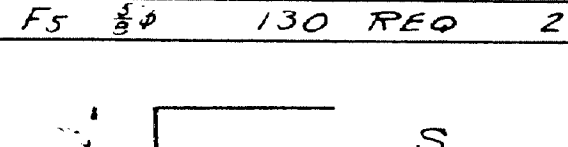
F1 Bar

15" 28" 15"



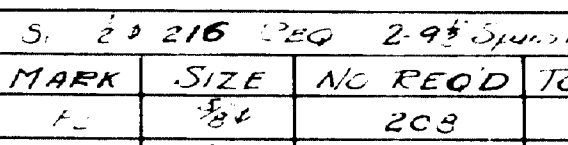
F2 Bar

13" 29" 13"



S1

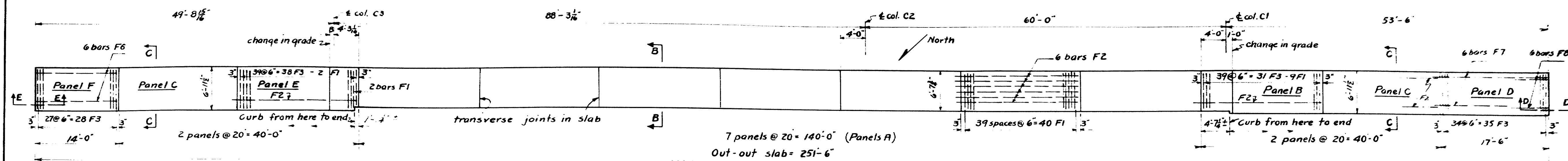
15" 28" 15"



S2

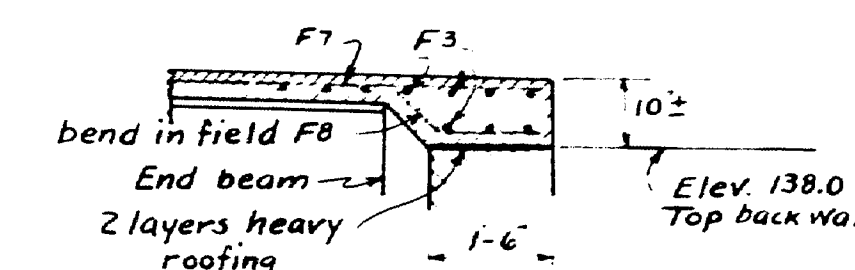
13" 29" 13"

MARK	SIZE	NO REQD	TOTAL LENGTH	LOCATION
F1	2x8	208	24'-8"	Slab Spans 1-250
F2	2x8	32	27'-0"	" " 16
F3	2x8	32	25'-9"	" " 25
F4	2x8	240	25'-8"	" " 34
F5	2x8	144	11'-8"	Slab, Near 15th Street - 1st Floor, 1st Floor
F6	2x8	48	10'-1"	" " 15
F7	2x8	16	2'-6"	" " 17
F8	2x8	48	4'-6"	" " 17
F9	2x8	8	2'-0"	Curbs Spans 1-250
F10	2x8	8	36'-0"	" " 25
F11	2x8	40	11'-9"	" " 34
F12	2x8	4	11'-6"	" " 15
F13	2x8	4	11'-8"	" " 16
F14	2x8	254	23'-8"	Wearing Surface 1-250
F15	2x8	48	28'-2"	" " 16
F16	2x8	48	26'-0"	" " 25
F17	2x8	24	12'-4"	" " 15
F18	2x8	198	12'-9"	" " 16



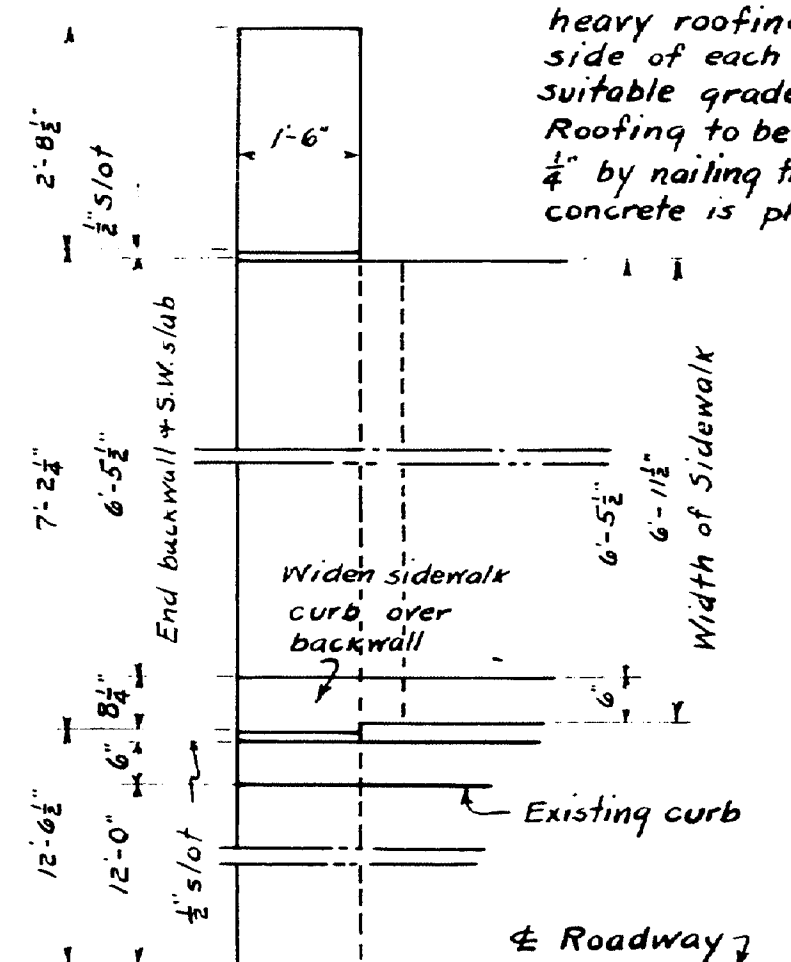
SIDEWALK SLAB PLAN

NOTE
All panels "A" reinforced alike. Panels "C" similar to "B" except transverse bars F3 to be used for entire panel. Panels "B-C-D-E-F" to have curb on inside of sidewalk as shown in sect C-C. Dowels F4 on 12" ctrs. Bars F9 to be cut to proper length in field to fit curbs between existing rail posts. Bend both ends of F5 to fit slab between rail posts. Bend F8 in field. Top ends of Girders G5+G11 to project into slab 3/4" at points of "change in grade."

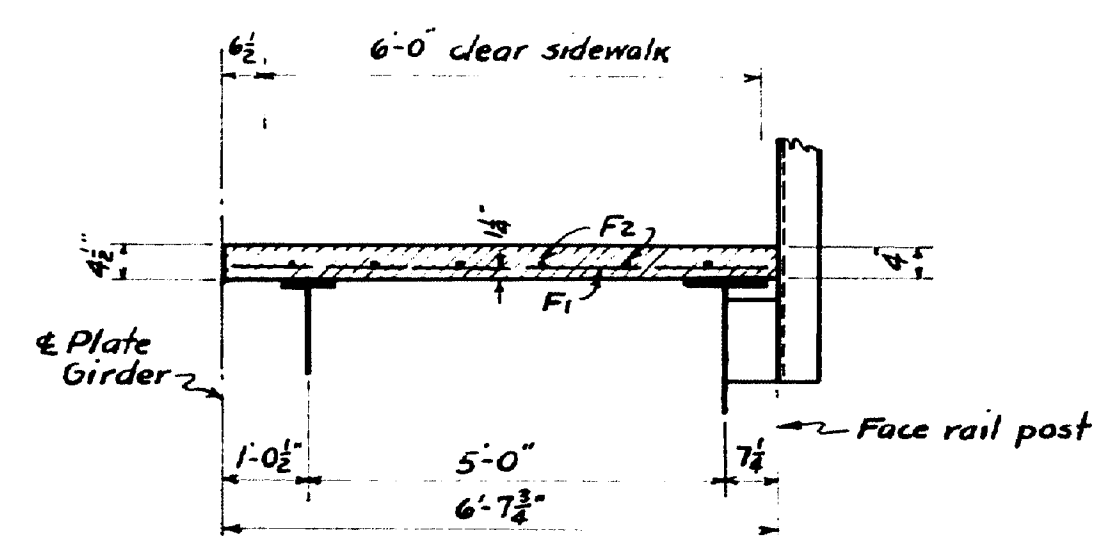


SECT. D-D
SECT. E-E SIMILAR

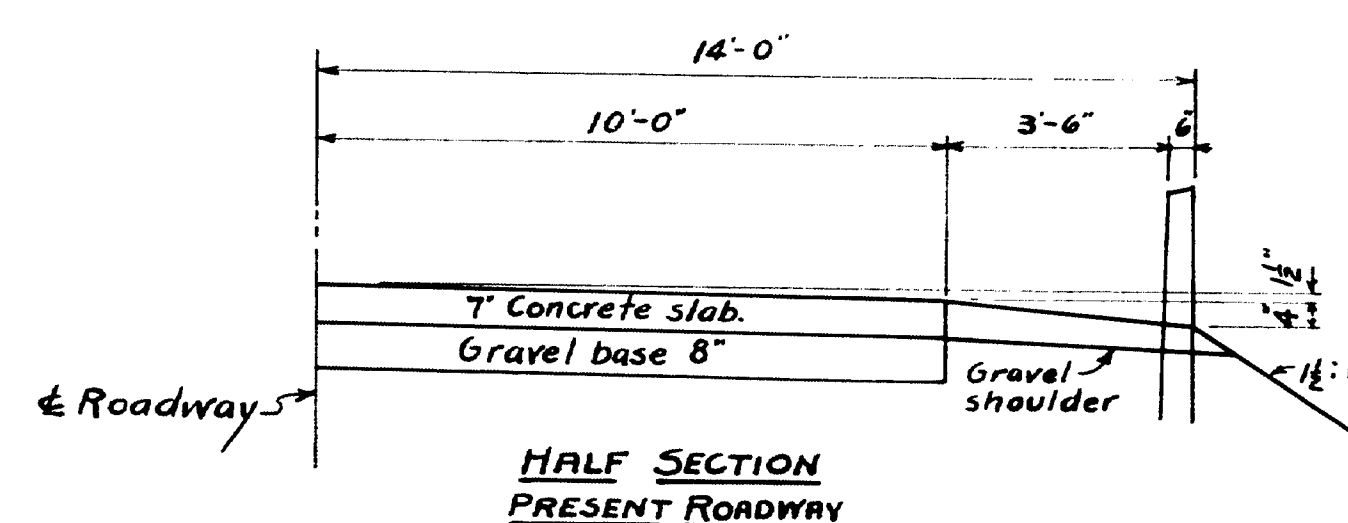
NOTE
Cover 1/2" slots between slab+abuts. on the back side with two layers of heavy roofing. Coat concrete + back side of each layer as applied with a suitable grade of roofing cement. Roofing to be 10" wide + to be recessed 1/4" by nailing thin strips to forms before concrete is placed.



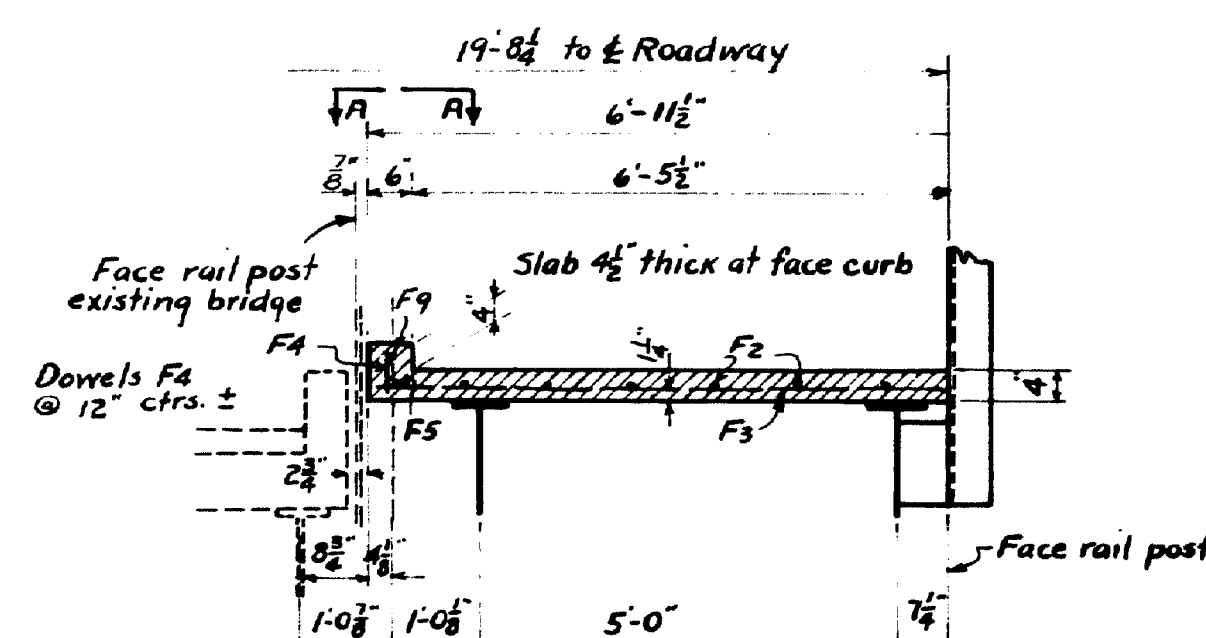
PLAN SIDEWALK SLAB OVER BACKWALL
BOTH ABUTS. SIMILAR.



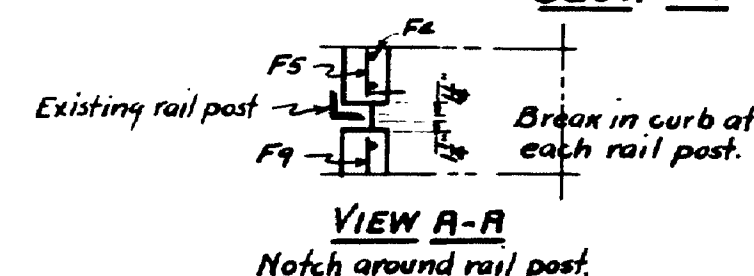
SECT. B-B



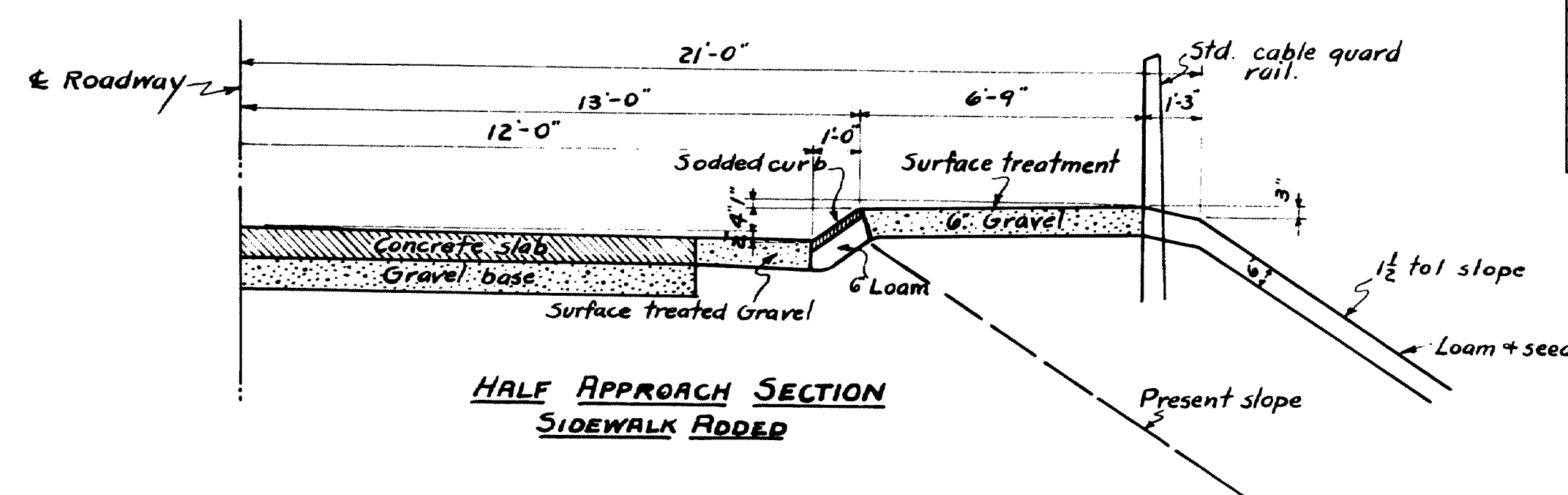
HALF SECTION PRESENT ROADWAY



SECT. C-C



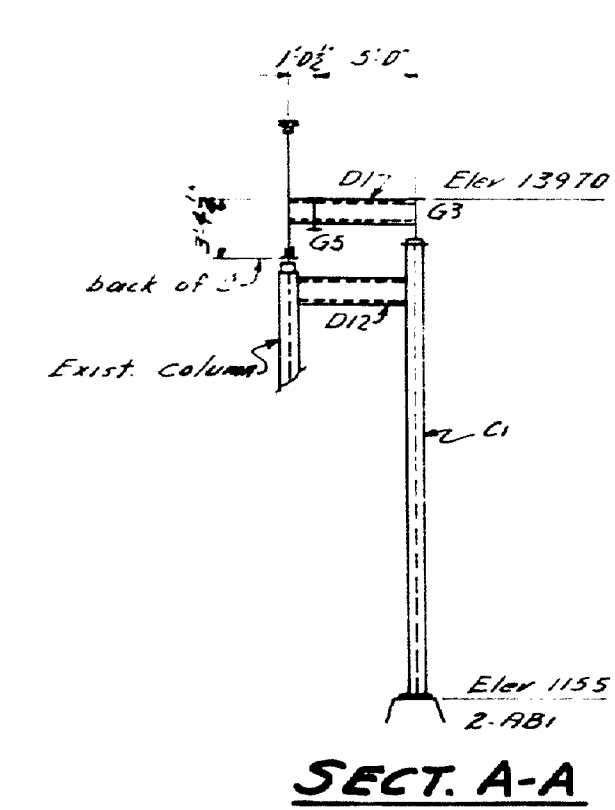
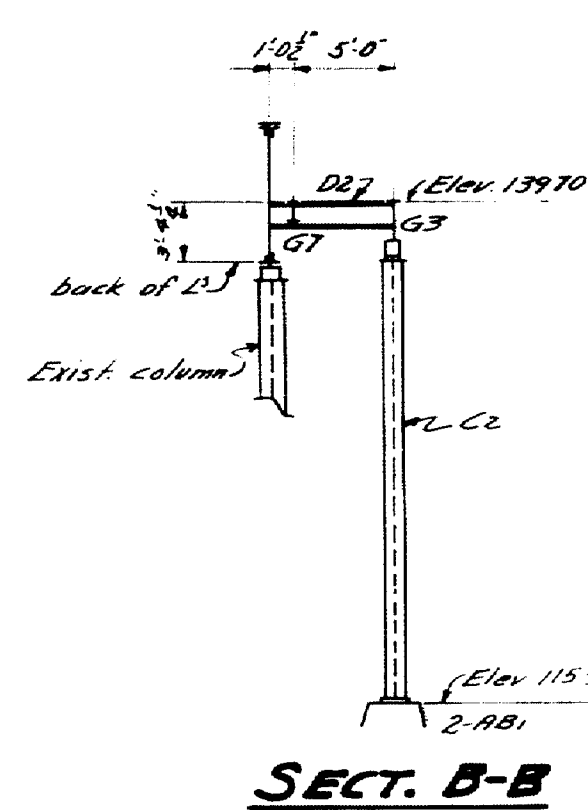
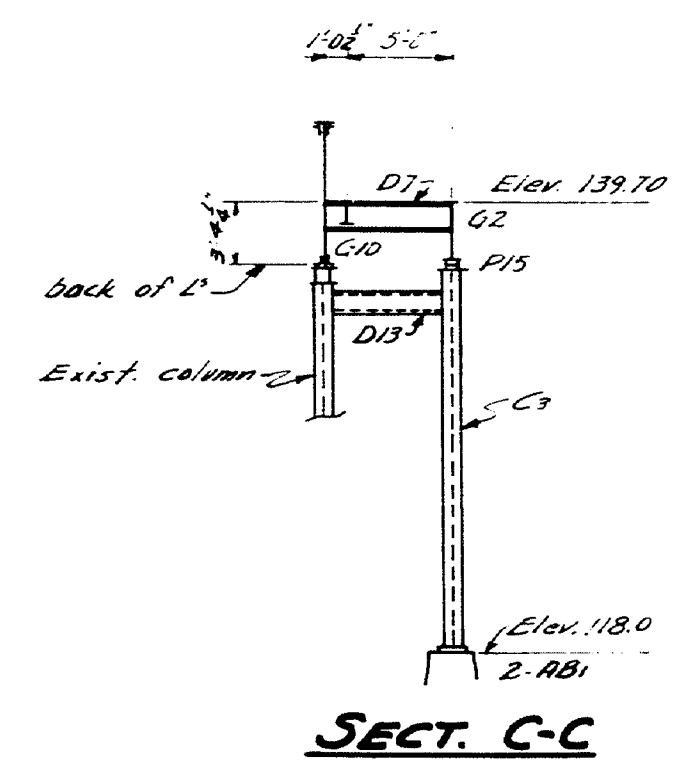
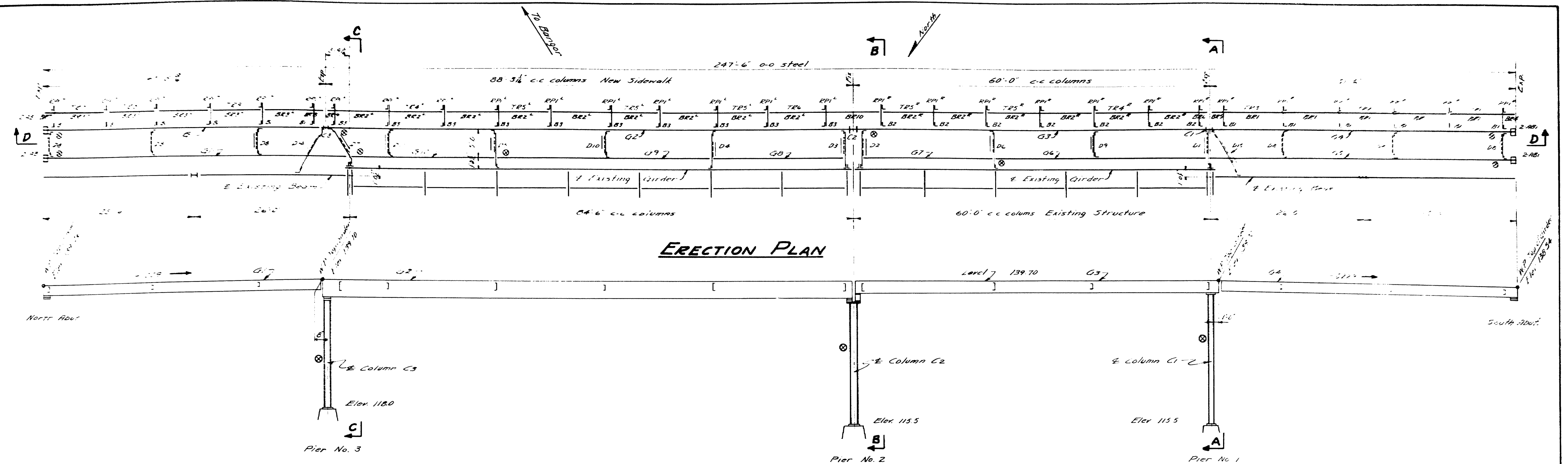
VIEW A-A
Notch around rail post.



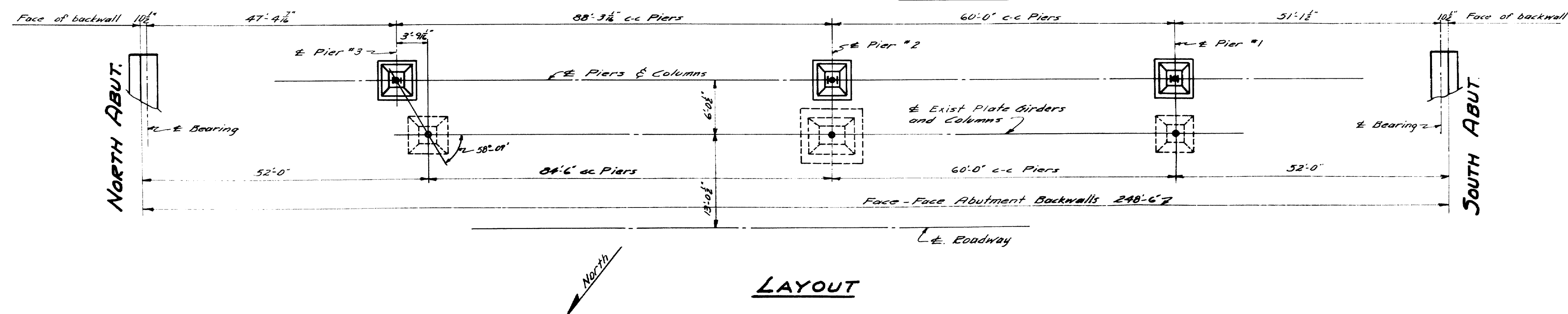
HALF APPROACH SECTION SIDEWALK RODED

Mark	Size	No.	Length	Remarks
F1	3/8"	291	6'-5 1/2"	Panels A-B-E
F2	3/8"	66	21'-0"	Panels A-B-C-E
F3	3/8"	218	6'-9 1/2"	Panels B-C-D-E-F
F4	3/8"	106	0'-6"	Curb Dowels
F5	3/8"	12	10'-0"	Panels B-C-D-E-F
F6	3/8"	6	13'-10"	Panel F
F7	3/8"	6	18'-6"	Panel D
F8	3/8"	12	5'-0"	Panels D-F
F9	3/8"	12	9'-0"	Panels B-C-D-E-F
A1	5/8"	14	6'-0"	Abutments
D1	3/8"	20	2'-0"	do
D2	3/8"	8	3'-0"	do
D3	3/8"	8	1'-6"	do

DESIGN - SHEET
TOWN - 10 19
CROSSING - 2976
MAINE CENTRAL R.R. COMMISSION
BRIDGE DIVISION
SIDEWALK ADDITION
MAINE CENTRAL R.R. CROSSING
IN THE TOWN OF
CARMEL
PENOBSCOT COUNTY
SIDEWALK DETAILS & REIN. STEEL
SHEET 1 OF 9 AUGUSTA, MAINE MARCH, 1947



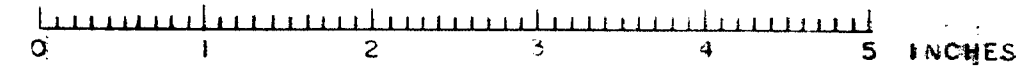
NOTE: Diaphragms D1-D2-D3-D4-D5-D6-D7-D8-D9-D10-D11-D12-D13-D14-D15 are bolted to existing structure. Above diaphragms to be clamped in position, and holes to be marked and drilled in the field for all connections to the existing structure.

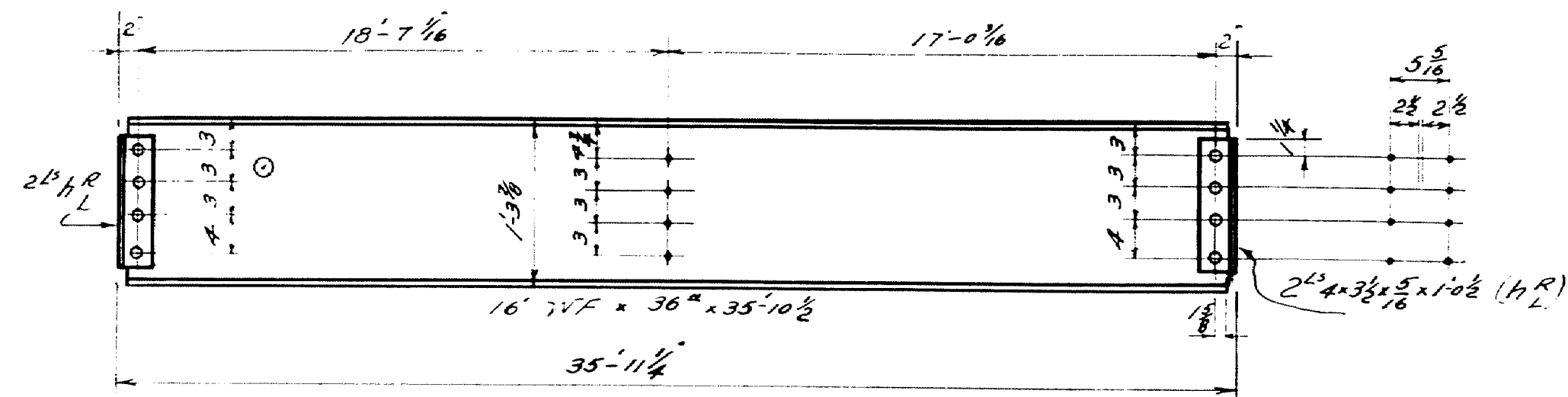


SPECIFICATIONS
 State of Maine, State Highway Commission
 Bridge Division, Steel Highway
 Bridge, November 1945

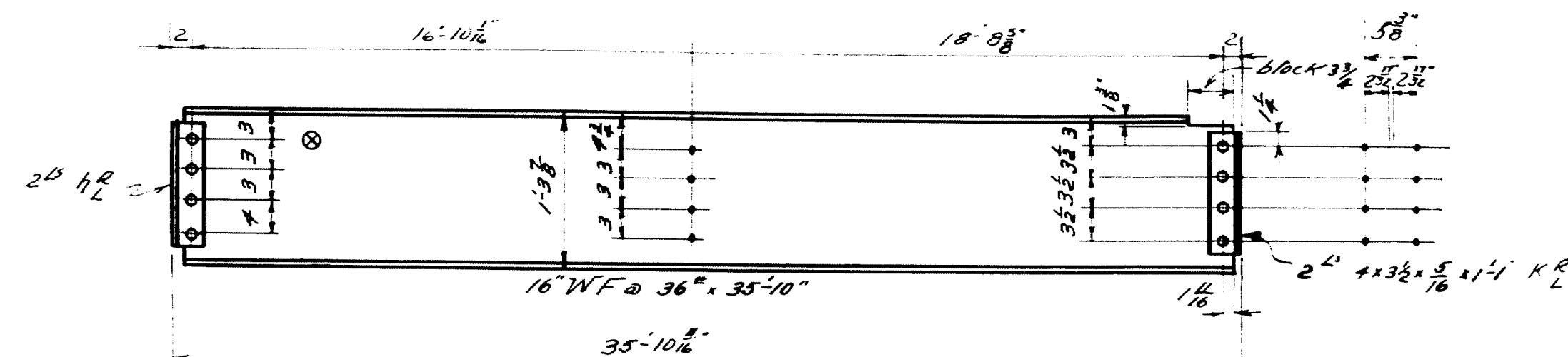
DESIGNED BY J. H. B. B.	DATE 11/11/45
CHECKED BY A. B. B.	DATE 11/11/45
MADE HIGHWAY COMMISSION BRIDGE DIVISION	
SIDEWALK ADDITION MAINE CENTRAL R.R. CROSSING	
IN THE TOWN OF CARMEL	
PENOBSCOT COUNTY	
LAYOUT & ERECTION PLAN	
SHEET 3 OF 9 AUGUSTA, MAINE MARCH, 1947	

49-14

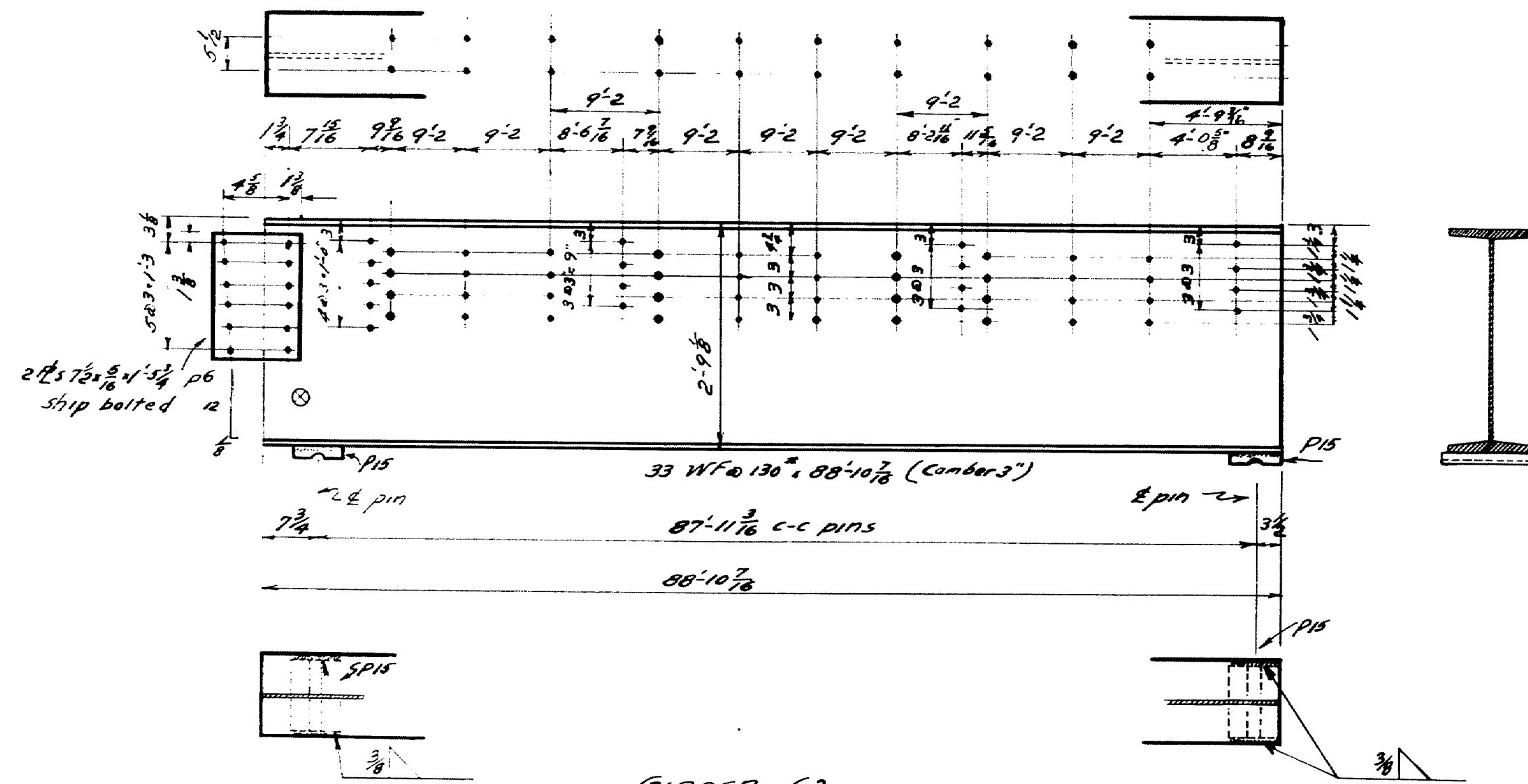




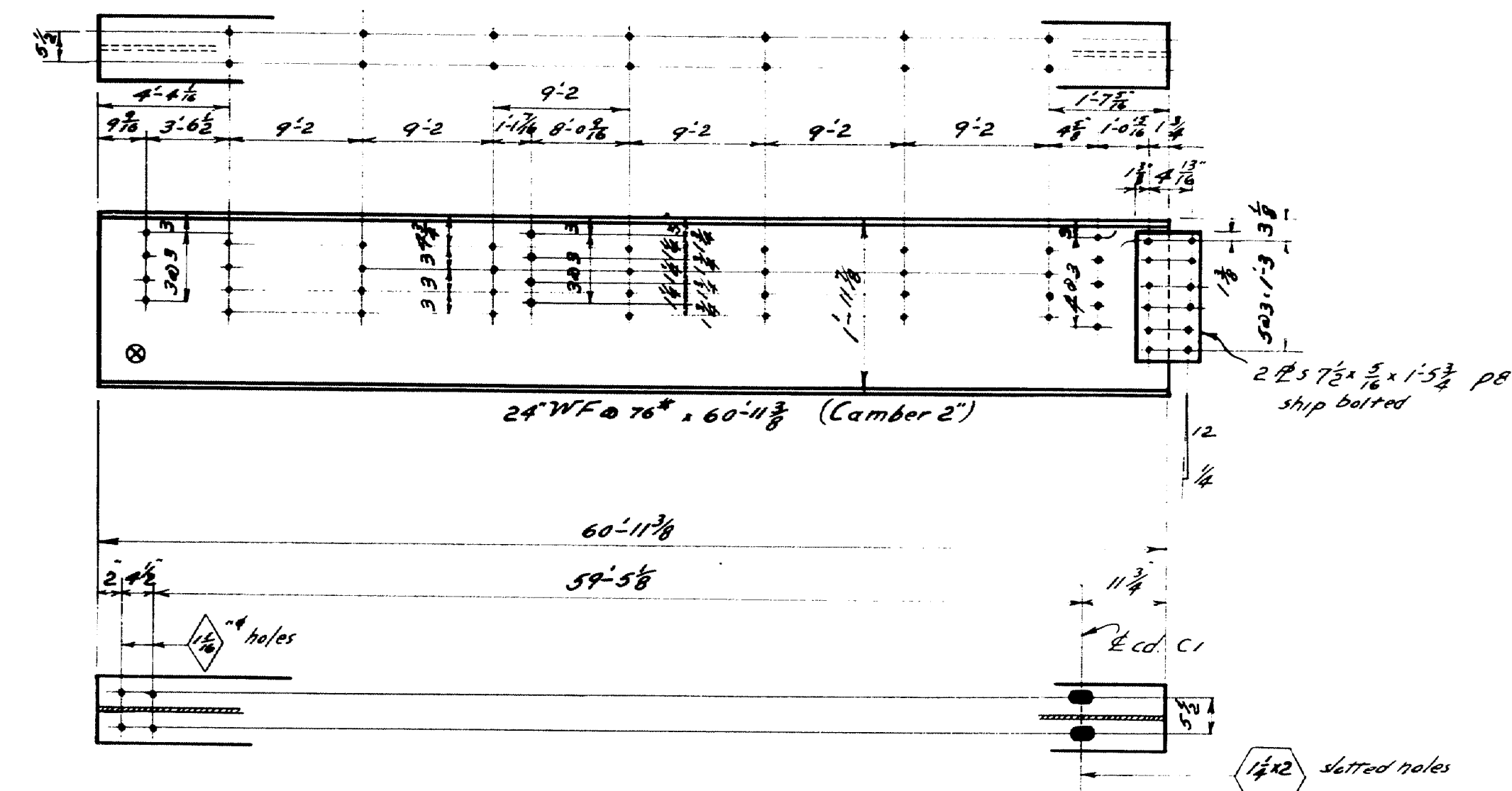
GIRDER G9



GIRDER G6



GIRDER G2

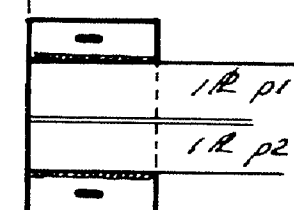
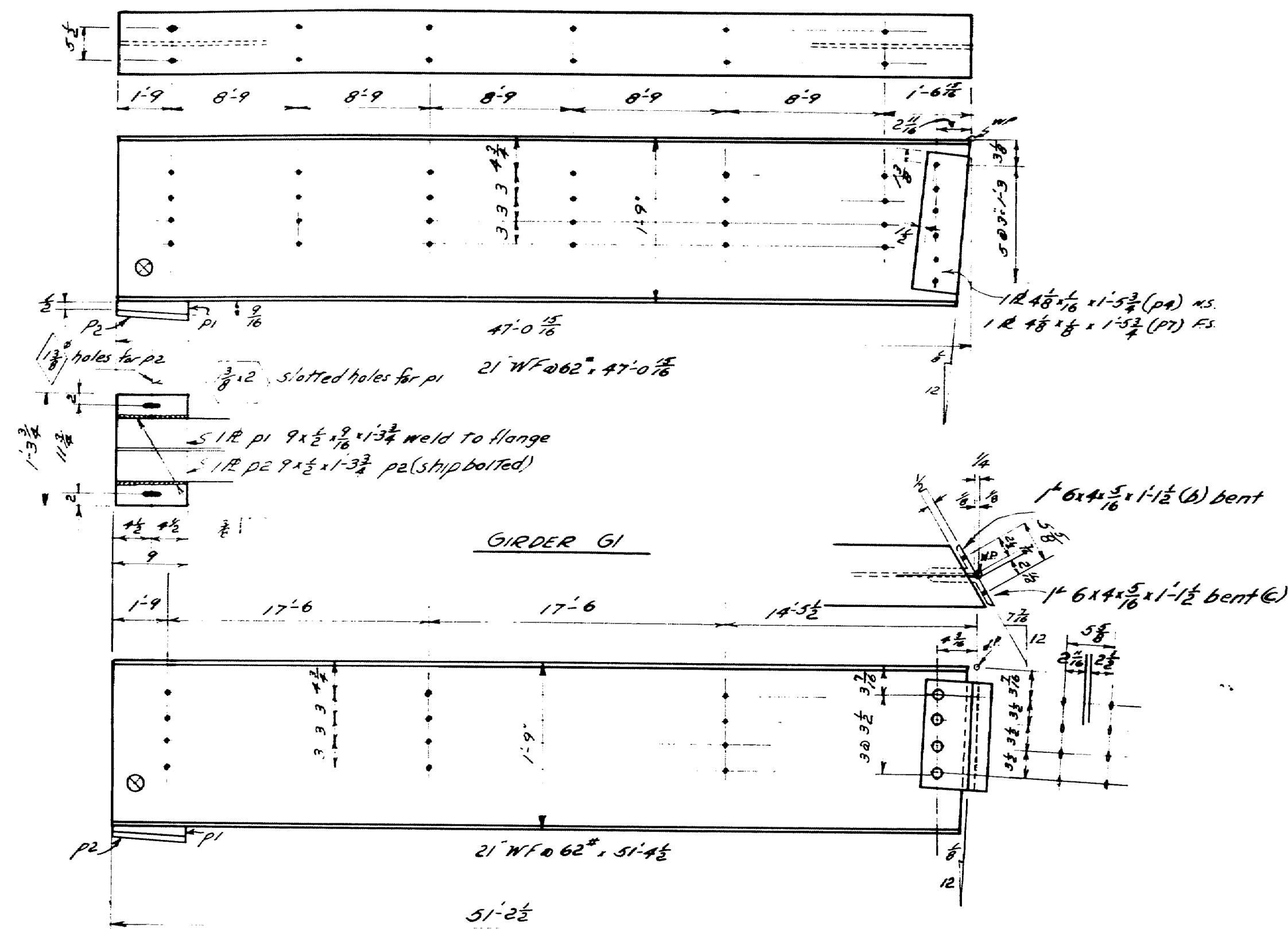


GIRDER G3

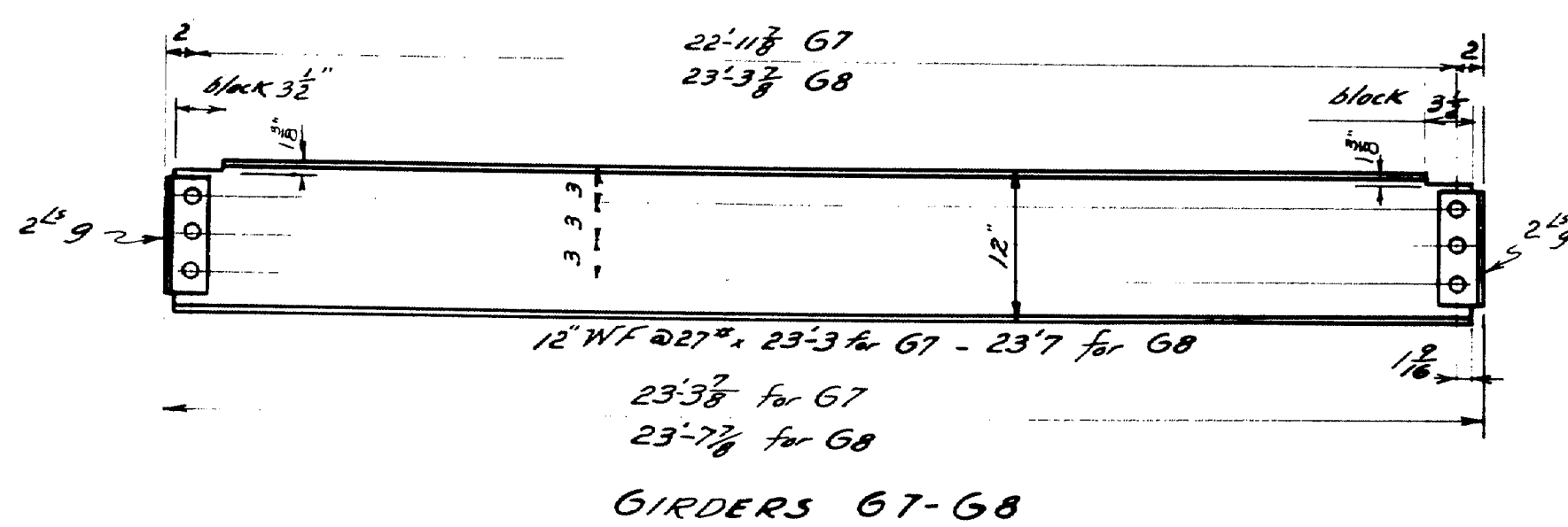
REQUIRED LIST				
No	Description	Work	Remarks	
One	Girder	G2	As shown	
One	"	G3	do	
One	"	G6	do	
One	"	G9	do	

NOTE
 1. SHOP CONNECTION $\frac{3}{4}$ " RIVETS
 2. FIELD CONNECTION $\frac{3}{4}$ " BOLTS
 3. OPEN HOLES $\frac{1}{8}$ " UNLESS OTHERWISE NOTED

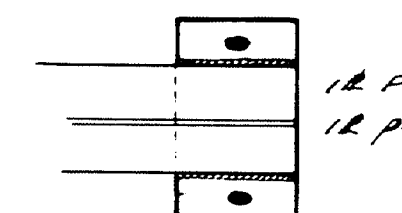
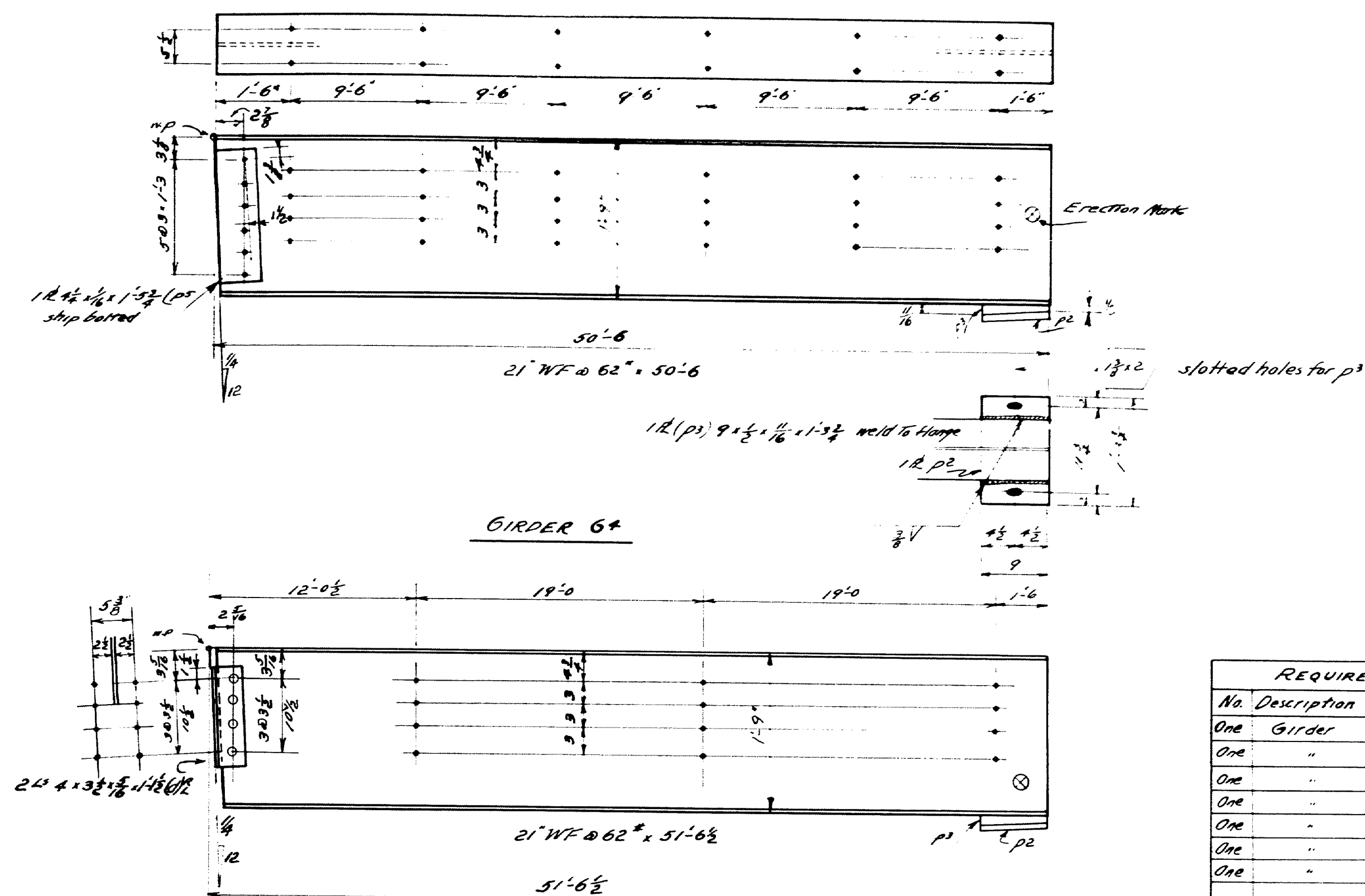
DESIGN: E. E. L. TOWN 10-09
 TRACE: D. W. CROSSING 2976
 CHECK: A. B. R.
 MAINE HIGHWAY COMMISSION
 BRIDGE DIVISION
 SIDEWALK ADDITION
 MAINE CENTRAL R.R. CROSSING
 IN THE TOWN OF
 CARMEL
 PENOBSCOT COUNTY
 STEEL DETAILS
 SHEET # of 9 AUGUSTA, ME. MARCH, 1947



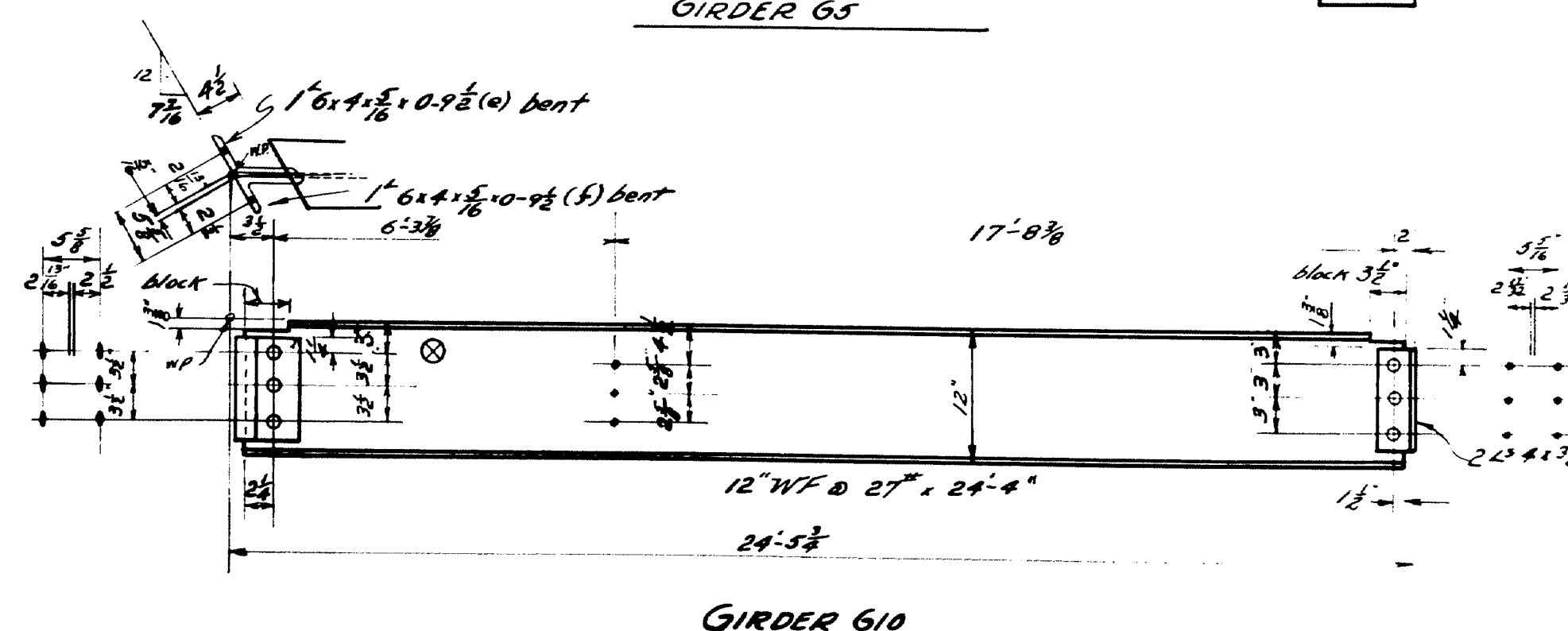
GIRDER G1



GIRDERS G7-G8



GIRDER G4



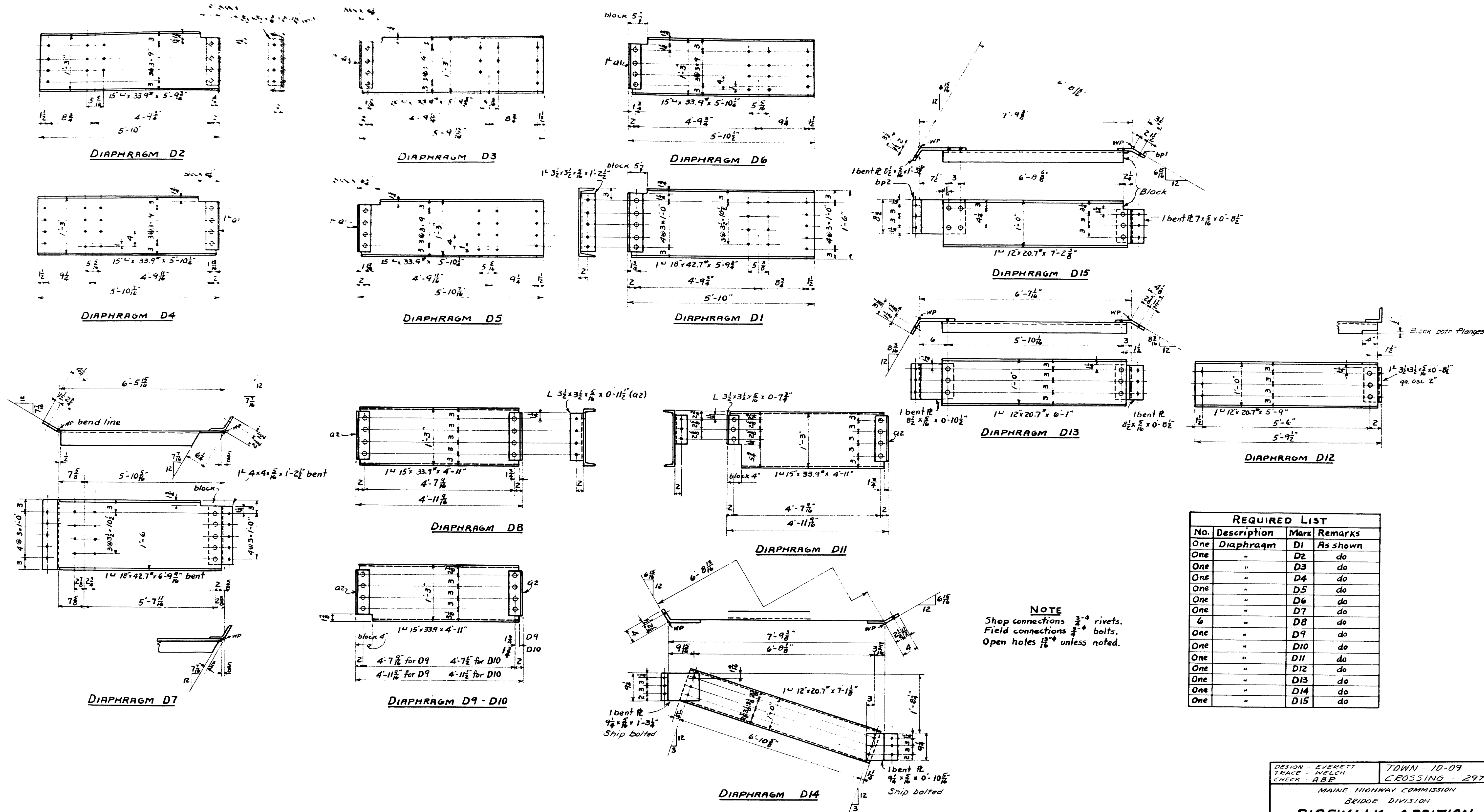
GIRDER G9

REQUIRED LIST			
No.	Description	Mark	Remarks
One	Girder	G1	As shown
One	"	G4	do
One	"	G5	do
One	"	G7	do
One	"	G8	do
One	"	G10	do
One	"	G11	do

NOTE

1. SHOP CONNECTIONS $\frac{3}{4}$ " RIVETS
2. FIELD CONNECTIONS $\frac{3}{4}$ " BOLTS
3. OPEN HOLES $\frac{1}{16}$ " UNLESS NOTED

MAINE HIGHWAY COMMISSION
BRIDGE DIVISION
SIDEWALK ADDITION
MAINE CENTRAL RR CROSSING
IN THE TOWN OF
CARMEL
PENOBSCOT COUNTY
STEEL DETAILS
SHEET 5 OF 9 AUGUSTA, ME. MARCH 1947



REQUIRED LIST			
No.	Description	Mark	Remarks
One	Diaphragm	D1	As shown
One	"	D2	do
One	"	D3	do
One	"	D4	do
One	"	D5	do
One	"	D6	do
One	"	D7	do
One	"	D8	do
One	"	D9	do
One	"	D10	do
One	"	D11	do
One	"	D12	do
One	"	D13	do
One	"	D14	do
One	"	D15	do

DESIGN - EVERETT
 TRACE - WELCH
 CHECK - ABP

TOWN - 10-09
 CROSSING - 2976

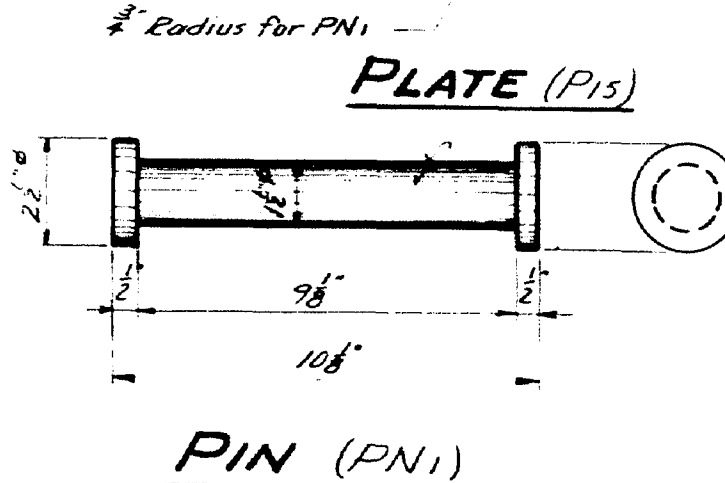
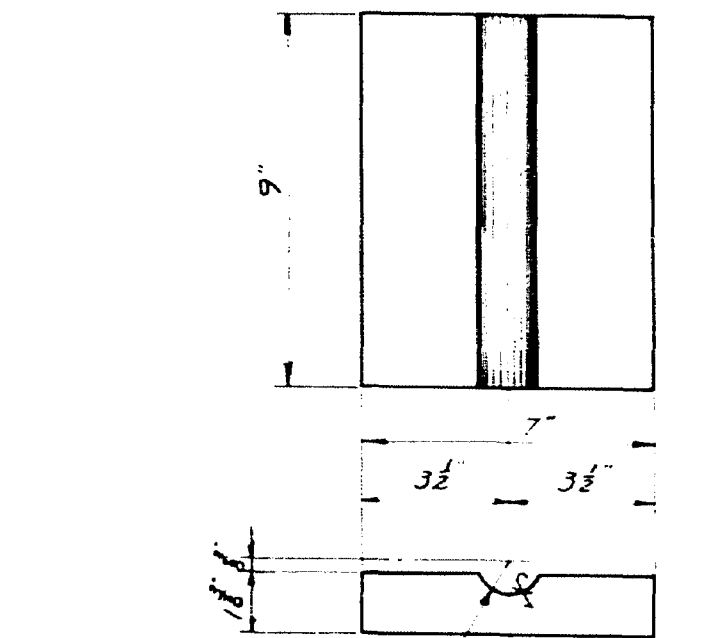
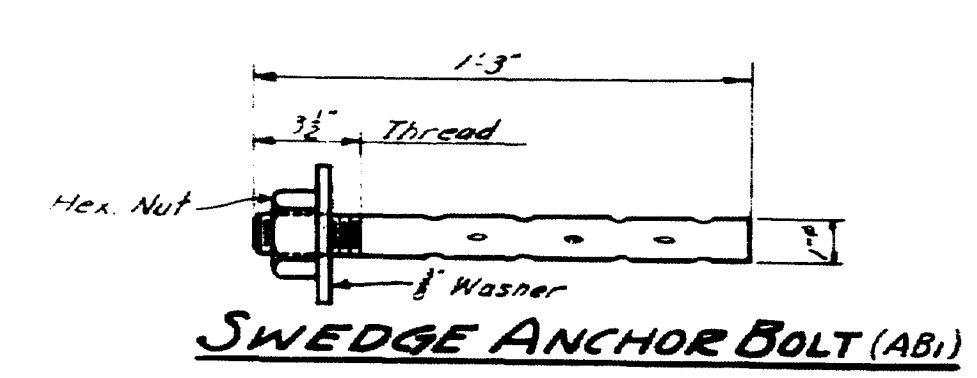
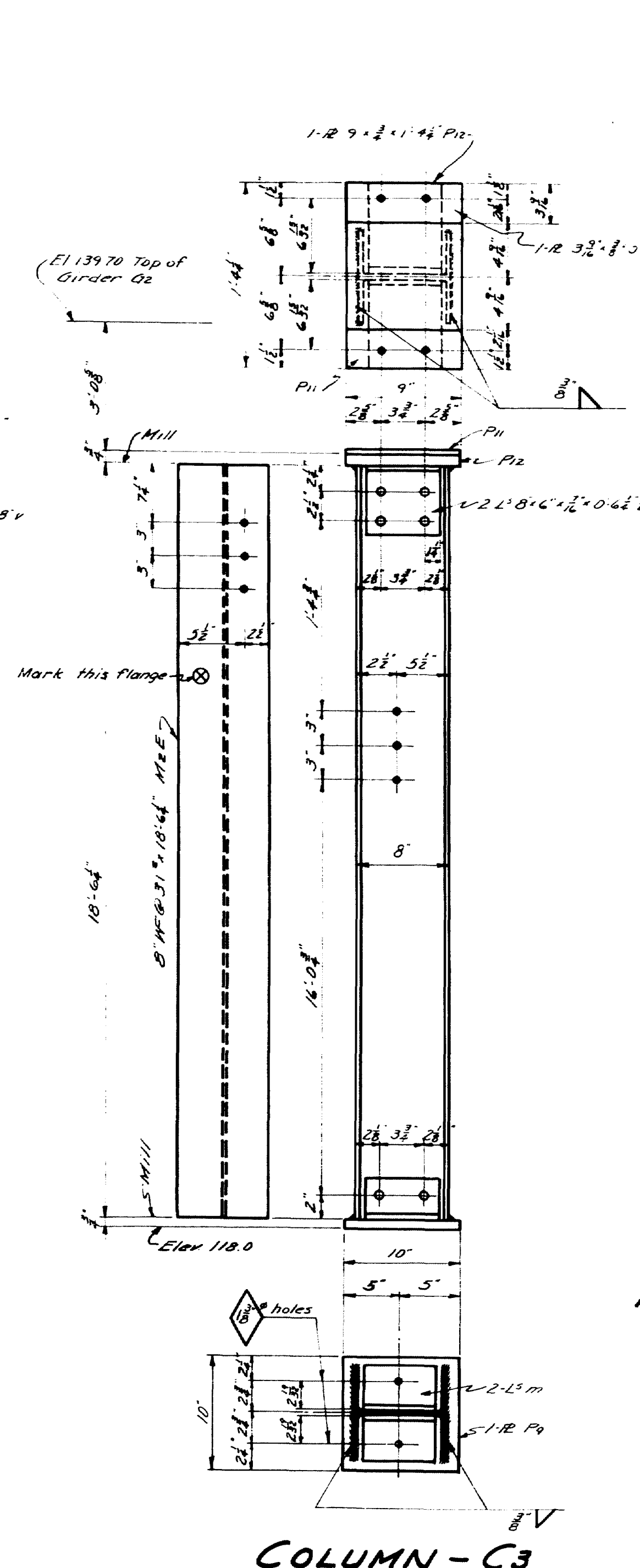
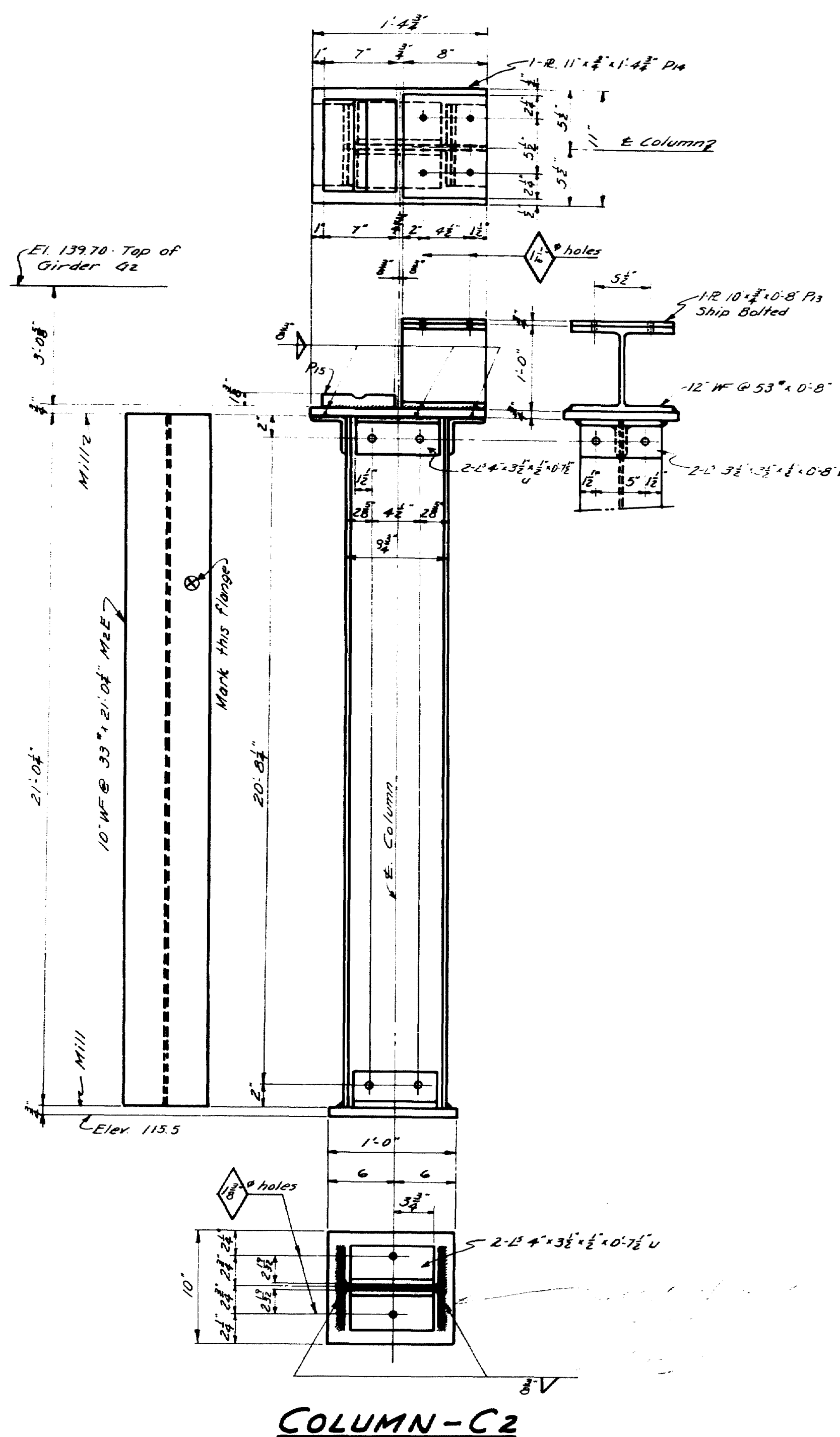
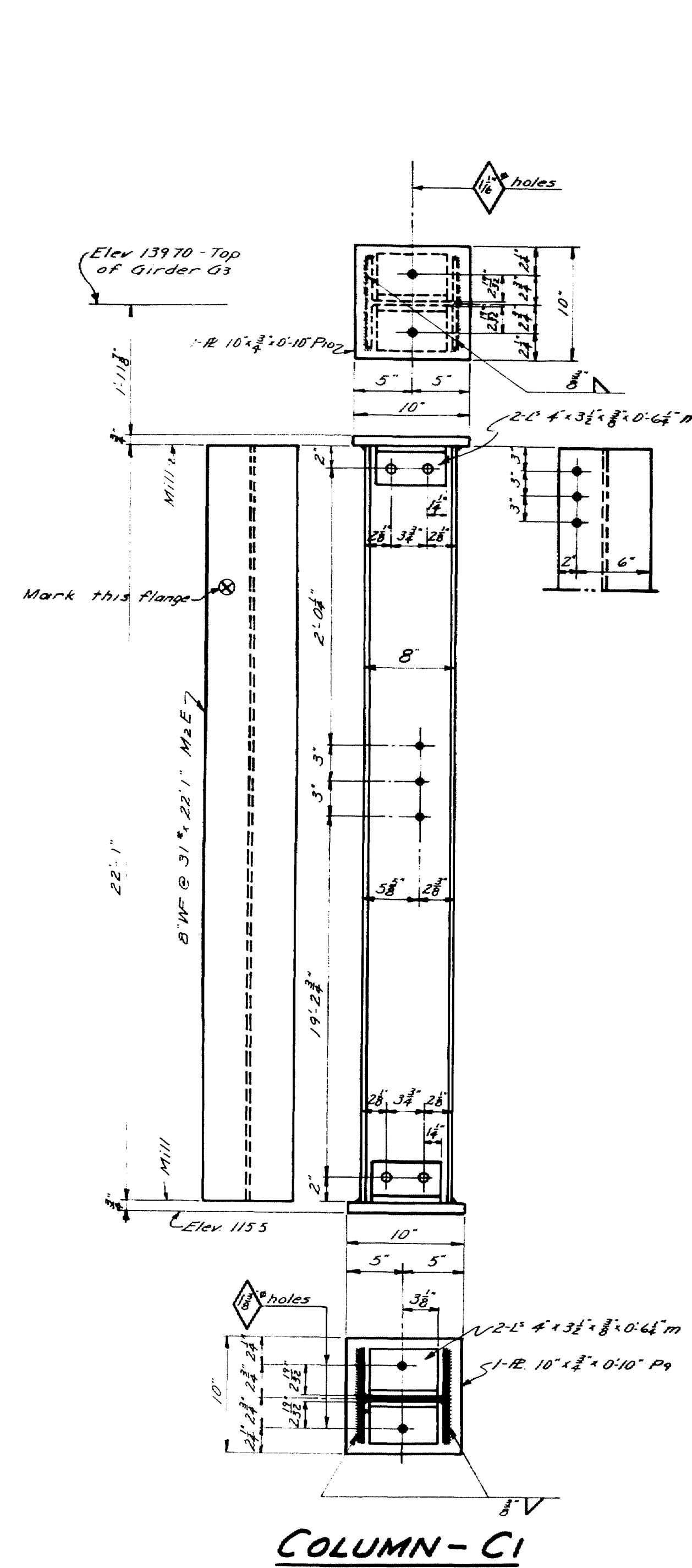
MAINE HIGHWAY COMMISSION
 BRIDGE DIVISION

**SIDEWALK ADDITION
 MAINE CENTRAL R.R. CROSSING**

IN THE TOWN OF
CARMEL

PENOBSCOT COUNTY

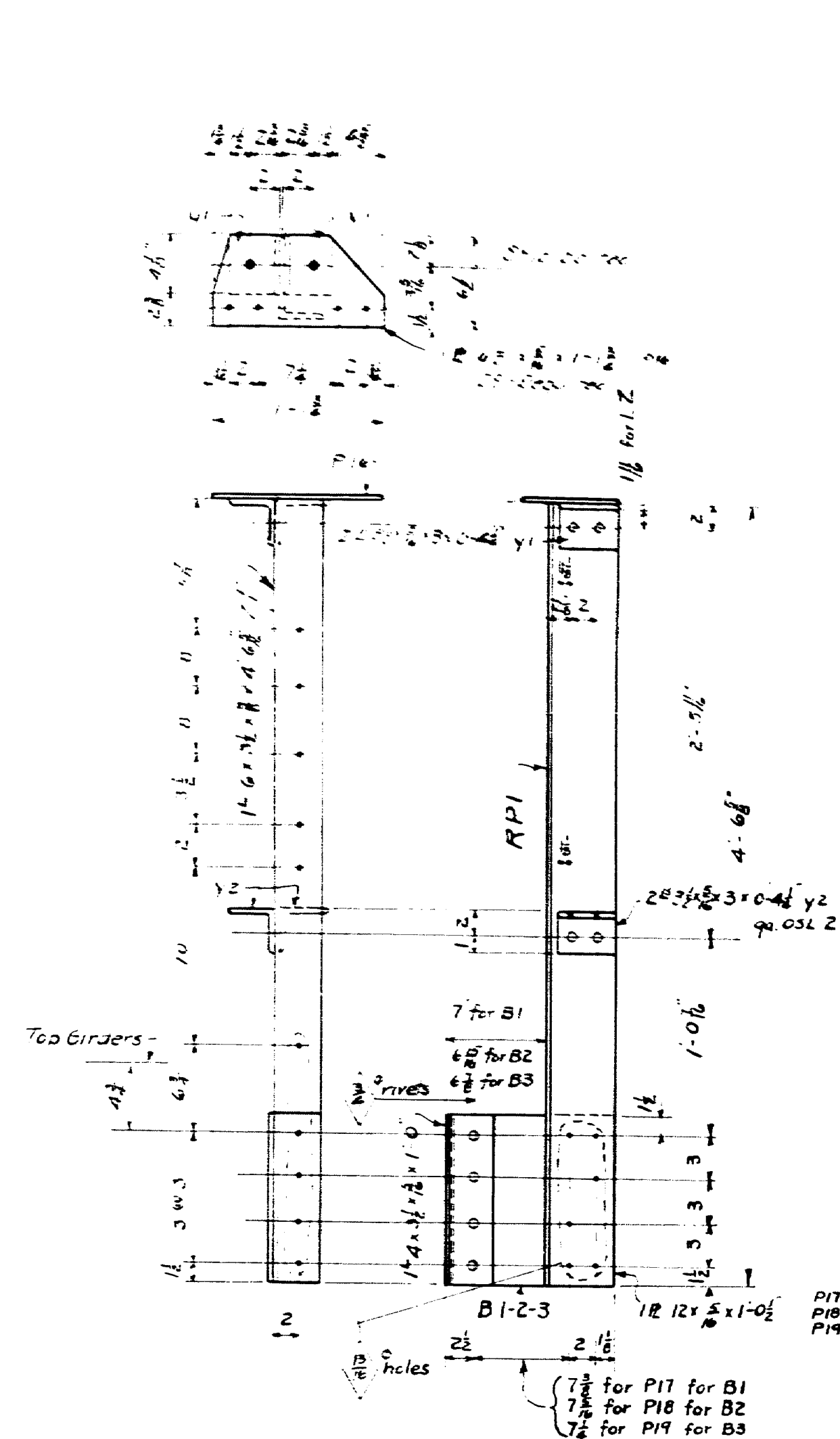
DIAPHRAGMS
 SHEET 6 OF 9 AUGUSTA, MAINE MARCH, 1967



REQUIRED LIST			
No.	Description	Mark	Remarks
1	Column	C1	As shown
1	"	C2	do
1	"	C3	do
4	Plates	P15	do
2	Pins	PN1	do
14	Anchor Bolts	AB1	do

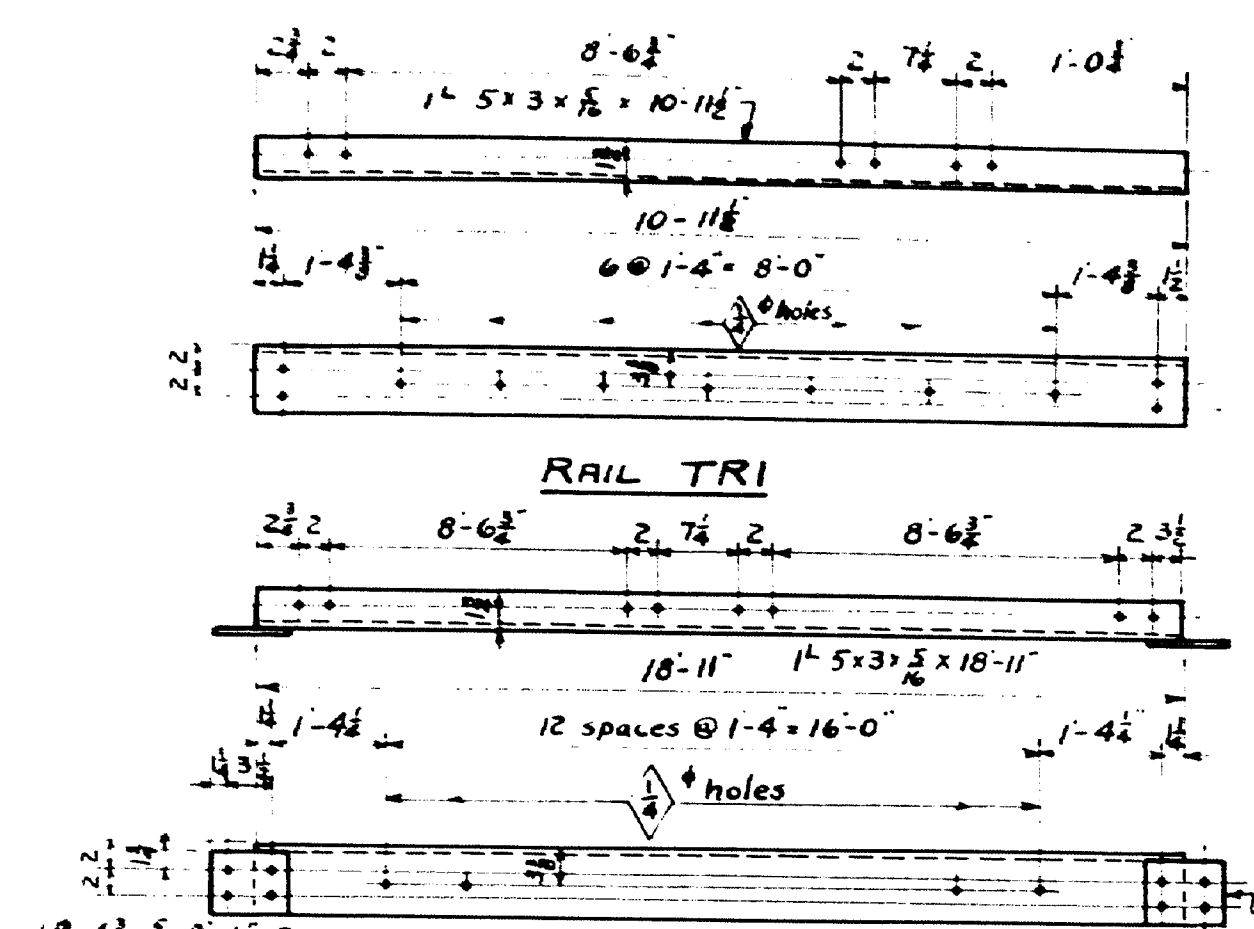
NOTE:- Shop connections 3/4" Rivets
Field " 3/4" Bolts
Open holes 1/2" unless noted

DESIGN: A.B.P.	TOWN: 10.09
DATE: 10.09	BOOKING: 2976
MAINE HIGHWAY COMMISSION BRIDGE DIVISION	
SIDEWALK ADDITION MAINE CENTRAL R.R. CROSSING IN THE TOWN OF CARMEL PENOBSCOT COUNTY	
COLUMNS	
SHEET 7 OF 9 AUGUSTA, MAINE MARCH, 1967	

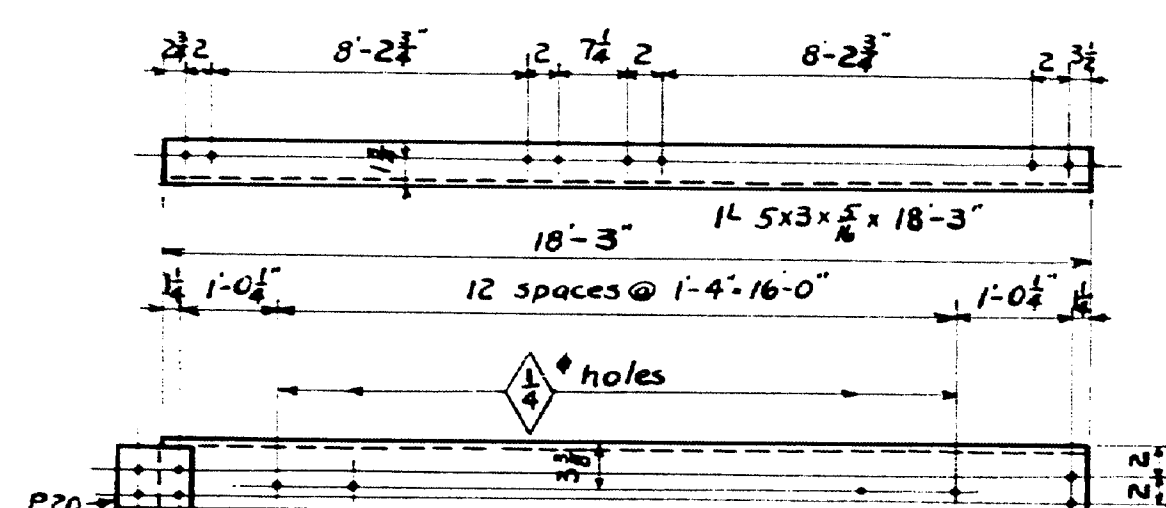


BRACKET B1-B2-B3

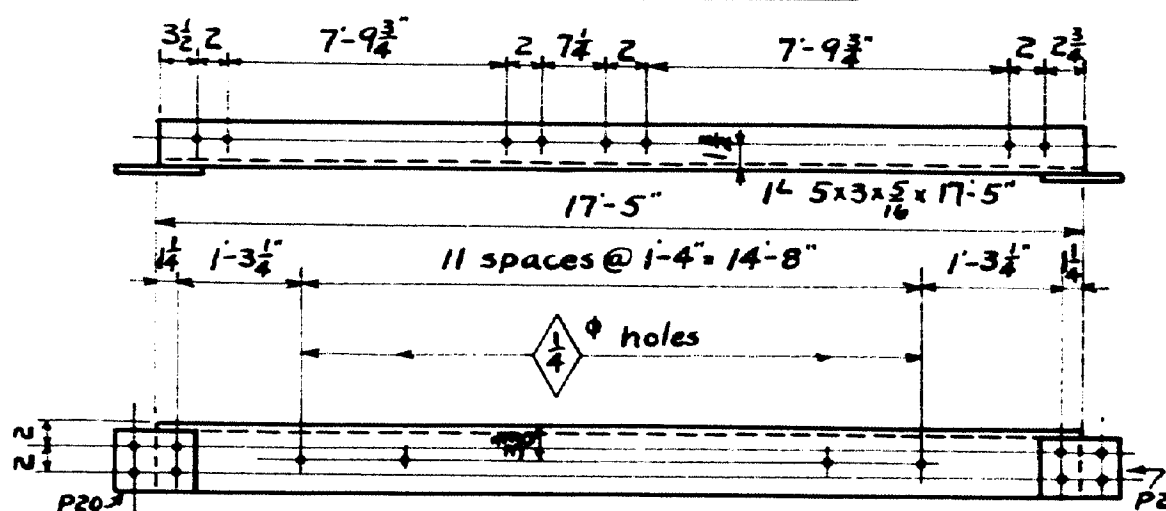
RAIL POST RPI^R as shown.
RPI^L opp. hand.



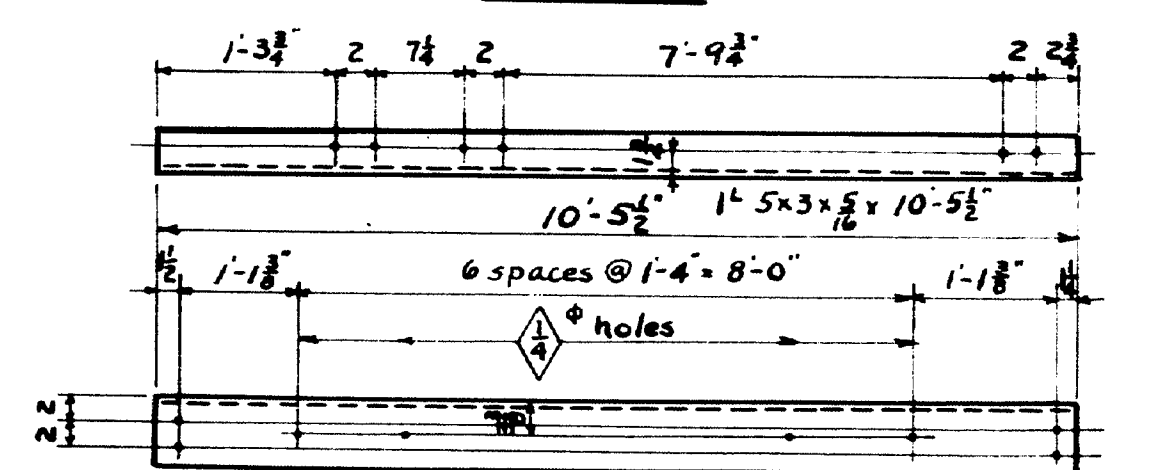
RAIL TR2



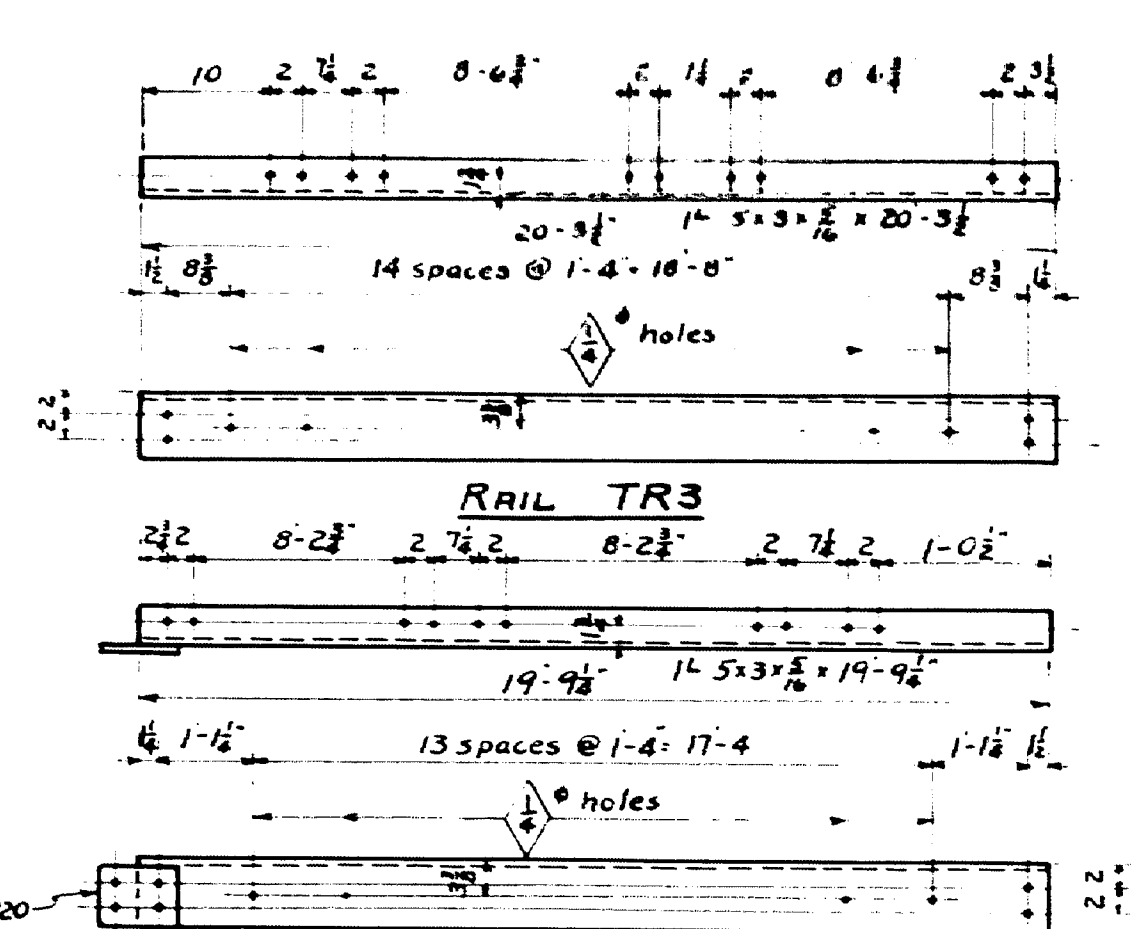
RAIL TR5^R as shown.
TR5^L opp. hand.



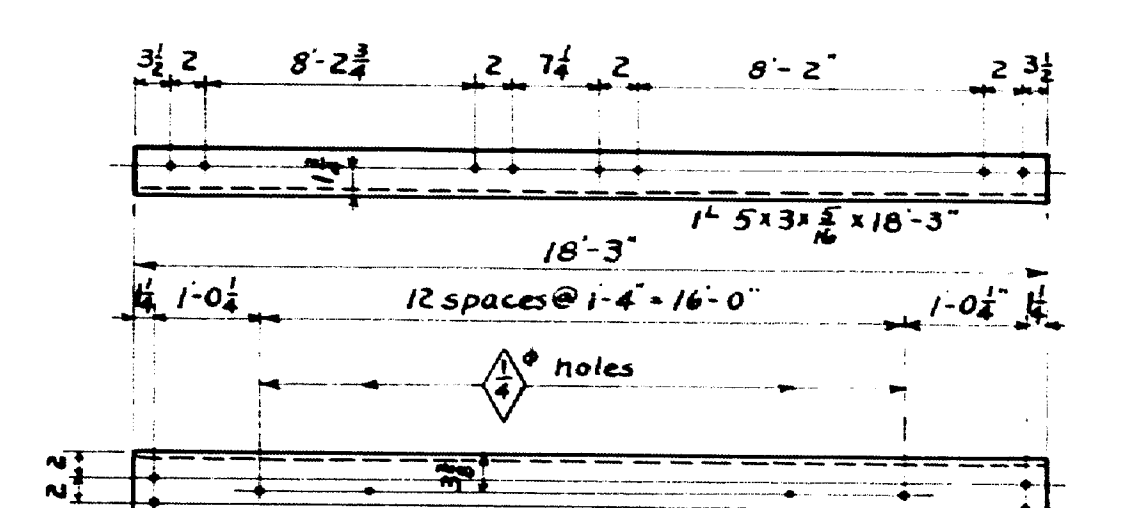
RAIL TR8



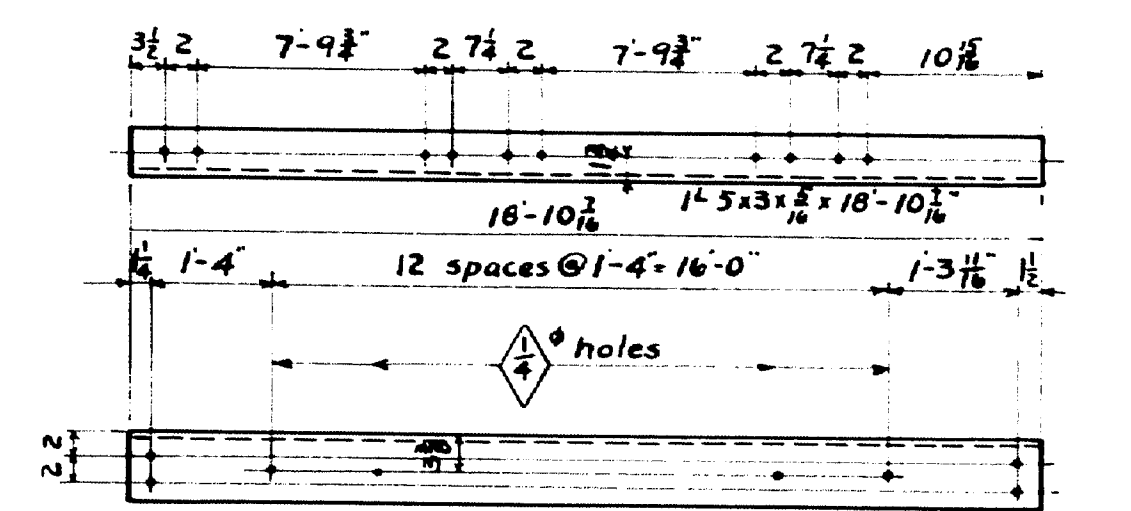
RAIL TR7



RAIL TR4^R as shown
TR4^L opp. hand.



RAIL TR6



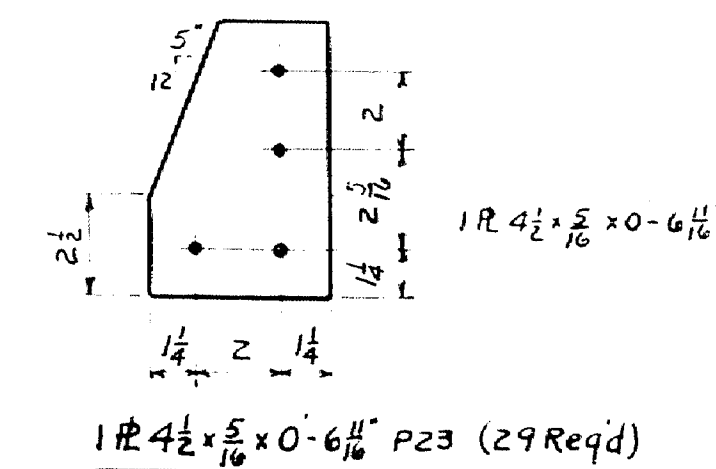
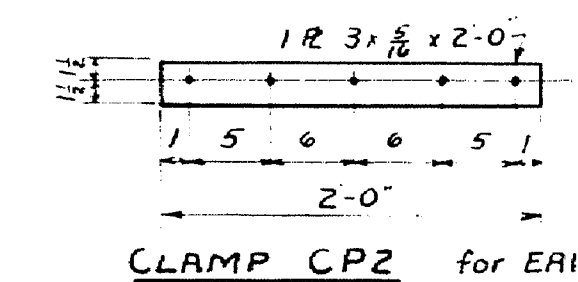
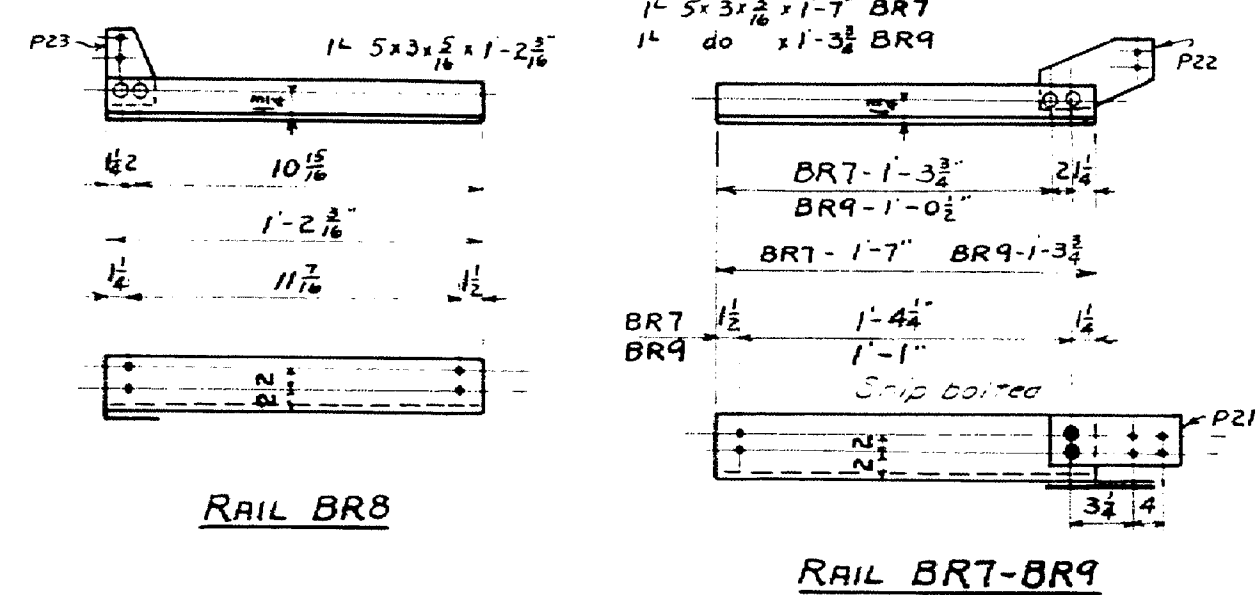
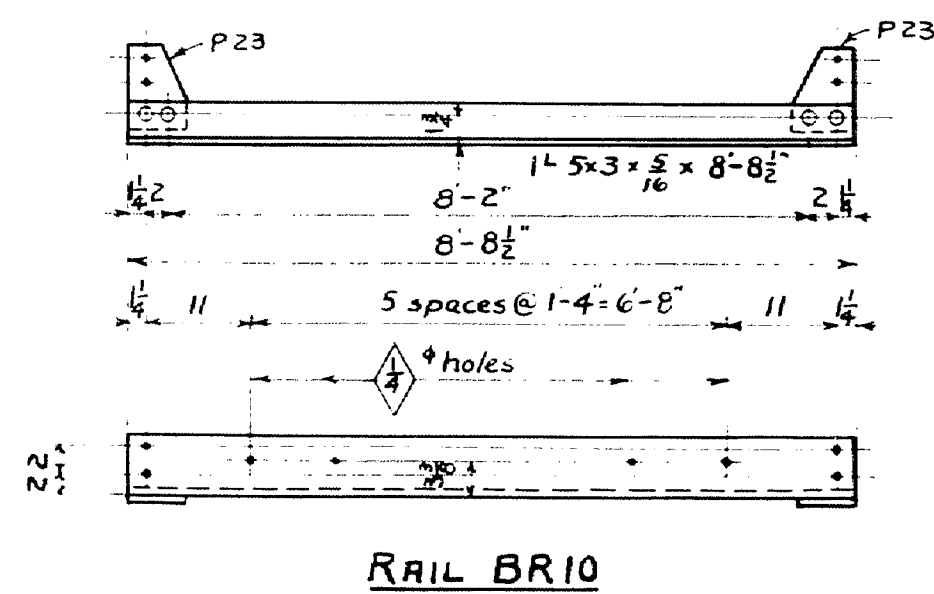
RAIL TR9

REQUIRED LIST			
No.	Description	Mark	Remarks
12	Bracket	B1	As shown
7	"	B2	do
10	"	B3	do
13	Rail Post	RPI ^R	As shown
16	"	RPI ^L	opp. hand
One	Rail	TR1	As shown
One	"	TR2	do
One	"	TR3	do
One	"	TR4 ^R	As shown
2	"	TR5 ^R	opp. hand
3	"	TR5 ^L	opp. hand
One	"	TR6	As shown
One	"	TR7	do
One	"	TR8	do
One	"	TR9	do

NOTE:
Shop connections 5/8" rivets unless noted.
Field connections 3/4" bolts unless noted.
Open holes 1/2" unless noted.

DESIGN - EVERETT
TRACE - WELCH
CHECK - A.B.P.
TOWN - 10-09
CROSSING - 2976
MAINE HIGHWAY COMMISSION
BRIDGE DIVISION
SIDEWALK ADDITION
MAINE CENTRAL R.R. CROSSING
IN THE TOWN OF
CARMEL
PENOBSCOT COUNTY
RAIL DETAILS
SHEET 8 OF 9 AUGUSTA, MAINE MARCH, 1947

0 1 2 3 4 5 INCHES



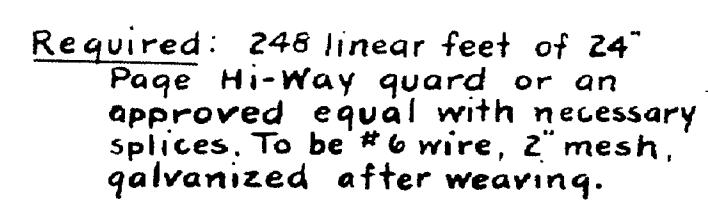
BOLT LIST		
No.	Size	Length
465	$\frac{5}{8}$ " ϕ	1 $\frac{1}{2}$ "
92	$\frac{3}{8}$	2 $\frac{1}{4}$ "
6	$\frac{5}{8}$	2 $\frac{3}{4}$ "
393	$\frac{3}{4}$ " ϕ	1 $\frac{3}{4}$ "
157	$\frac{1}{4}$	2"
57	$\frac{1}{4}$	2 $\frac{1}{4}$ "
24	$\frac{1}{4}$	2 $\frac{1}{2}$ "
6	1" ϕ	3 $\frac{1}{2}$ "
3	$\frac{1}{2}$ " ϕ	1 $\frac{1}{2}$ "
32	$\frac{3}{8}$ " ϕ	2"

REQUIRED LIST			
No.	Description	Mark	Remarks
5	Rail	BR1	As shown
6	"	BR2*	do
9	"	BR2	opp. hand
5	"	BR3*	opp. hand
One	"	BR4	As shown
One	"	BR5	do
One	"	BR6	do
One	"	BR7	do
One	"	BR8	do
One	"	BR9	do
One	"	BR10	do
13	Clamp	CP1*	As shown
16	"	CP1*	opp. hand
6	"	CP2	As shown
29	End Angles	EA1	do
	Brace	BE	do

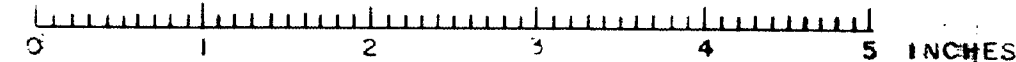
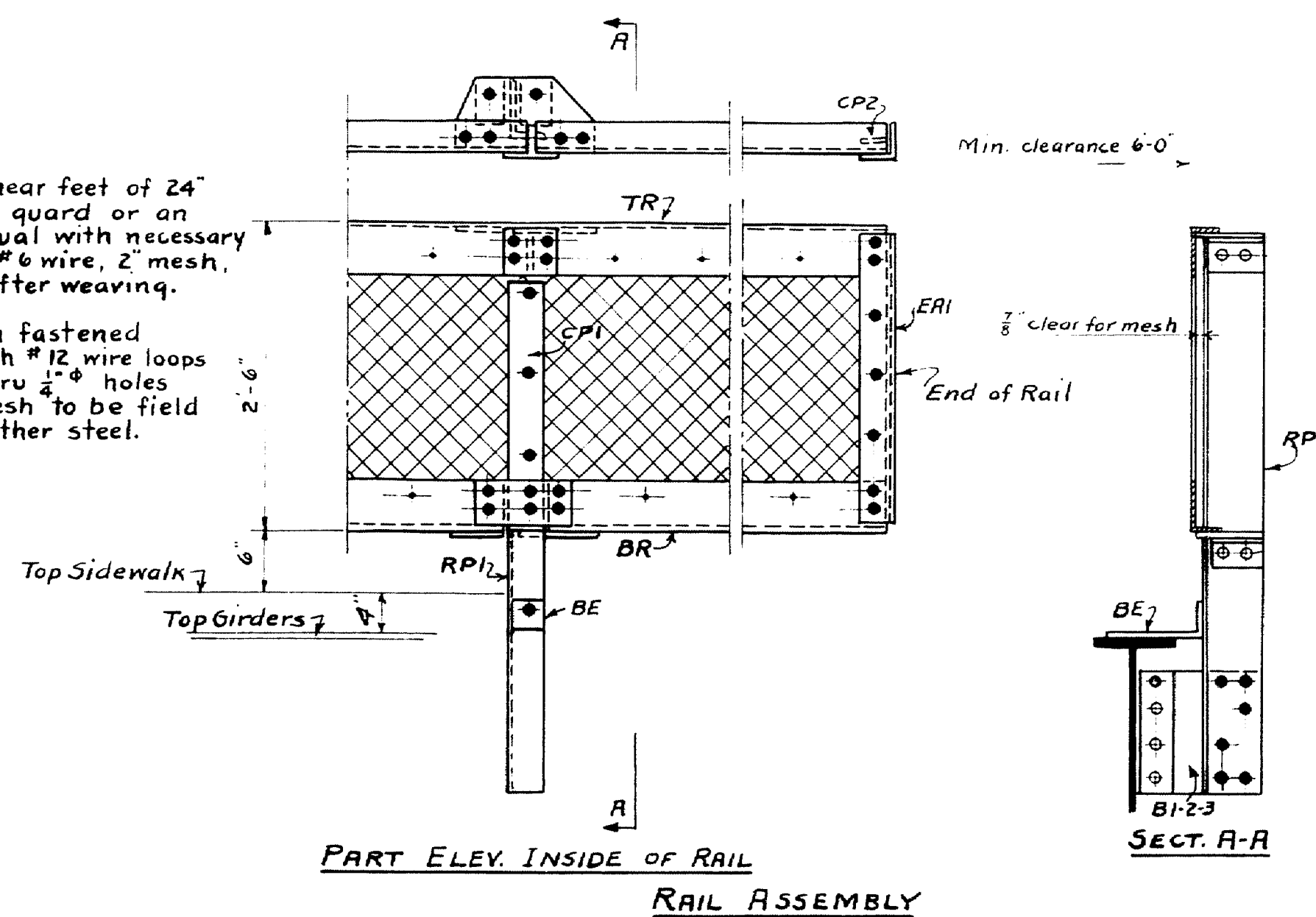
248 L.F. of 24" Page Hi-Way
Guard or approved equal.
(See note)

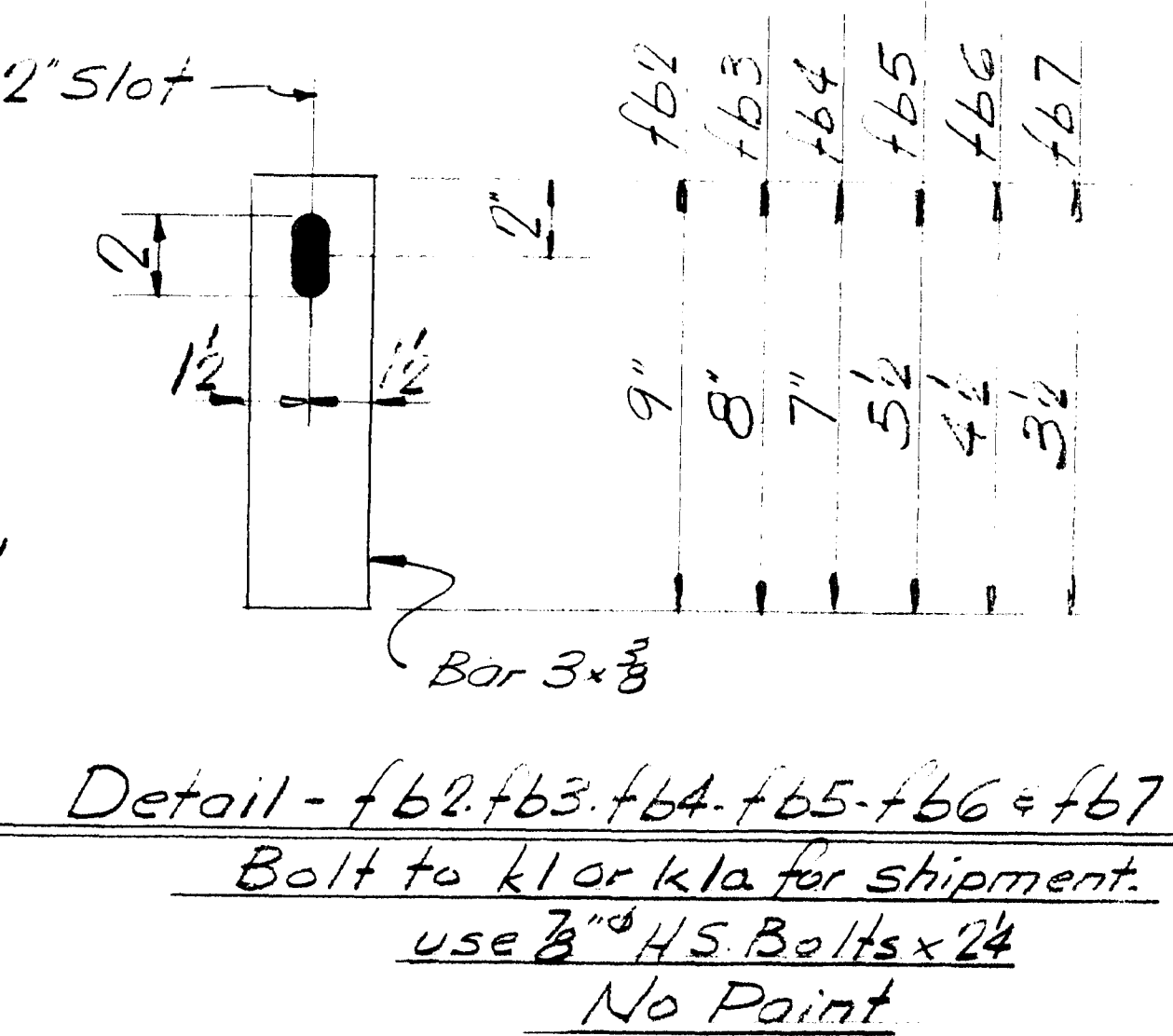
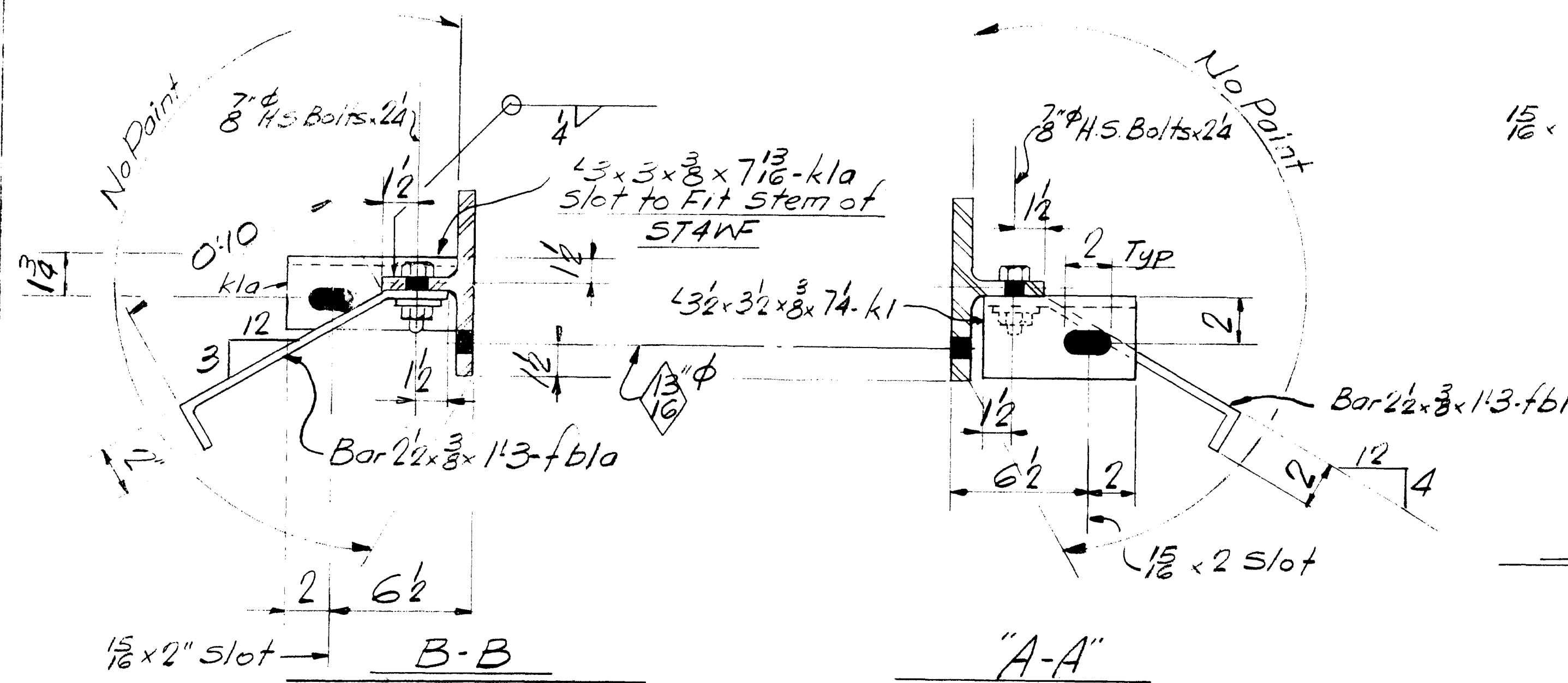
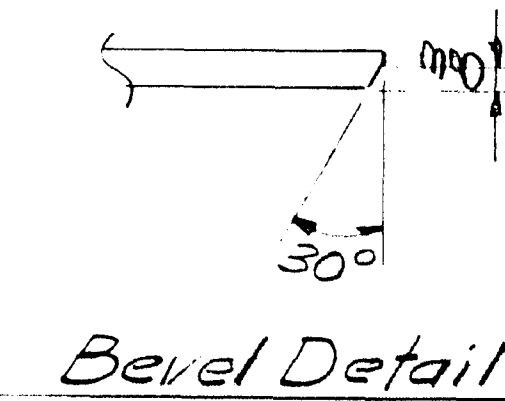
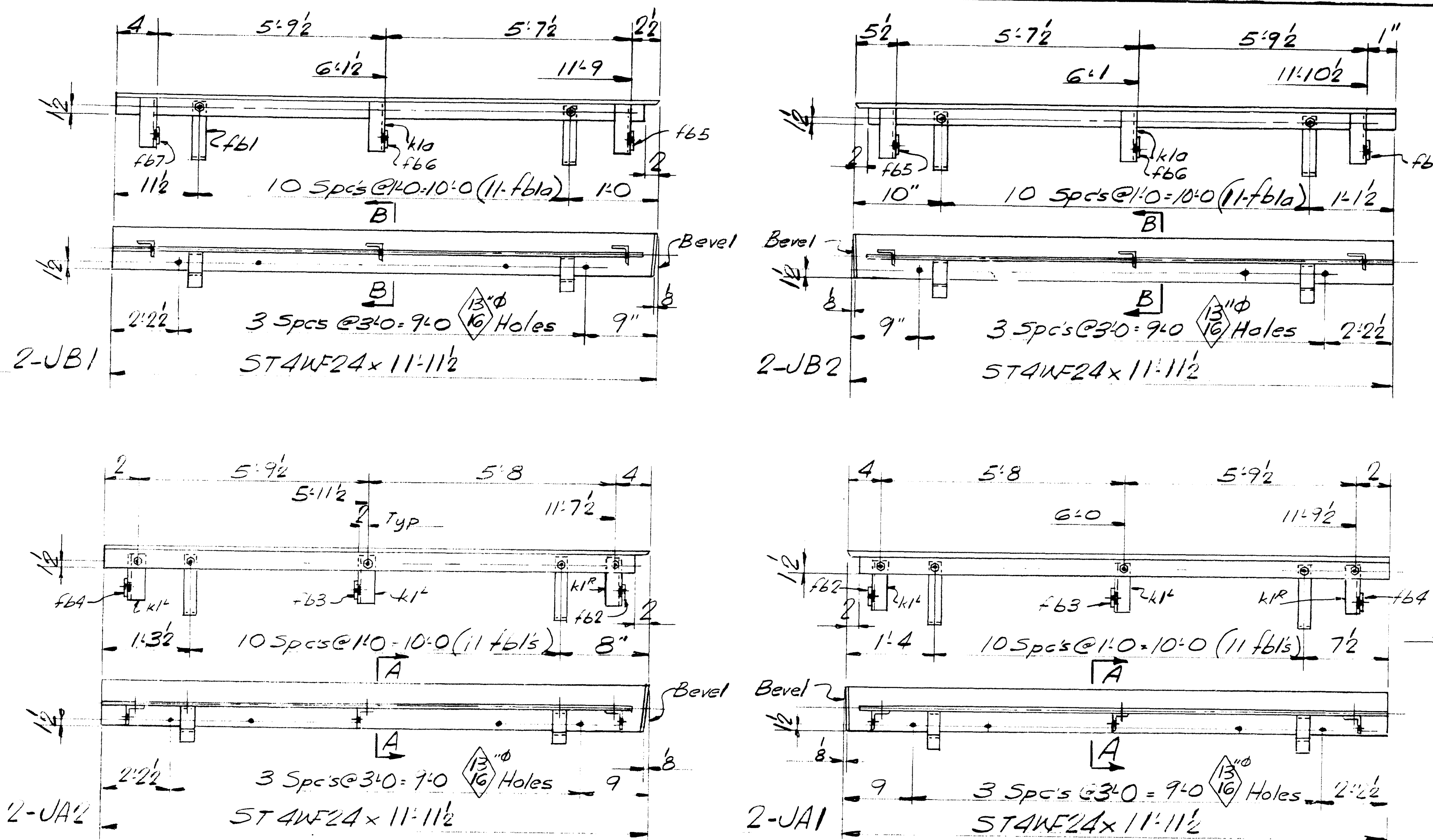
Note:- All bolts to have hex heads & nuts.
Heads & nuts for $\frac{3}{4}" \phi$ bolts shall
be American Standard Heavy.

NOTE:
Shop connections $\frac{5}{8}" \phi$ rivets unless noted.
Field connections $\frac{5}{8}" \phi$ bolts unless noted.
Open holes $\frac{11}{16}" \phi$ unless noted.



Note: Wire mesh fastened to angles with #12 wire loops at 16" ctrs. thru $\frac{1}{4}$ " ϕ holes in angles. Mesh to be field painted as other steel.





SHIP		BILL OF MATERIAL				JOB NO. 66-223
MARK	NO.	MARK	SHAPE	LENGTH	WT.	DWG. NO. 11
JB1	2		ST4WF24	11 11/2		
JB2	2		Do	11 11/2		
JA1	2		Do	11 11/2		
JA2	2		Do	11 11/2		
	12	k1a	3x3x3/8	0 7/4		8' FAR
	12	k1a	3x3x3/8	0 7/8		
	44	f61	Bar 2 1/2 x 3/8	1 3		
	44	f62	Do	1 3		
	4	f63	Bar 3 x 3/8	0 9		
	4	f64		0 3		
	4	f65		0 7		
	4	f66		0 5 1/2		
	4	f67	30-3x3/8	0 4 1/2		
	36	SHD	3/8 x 3/8 x 3/8	0 2 1/4		
	36	Do	3/8 x 3/8 x 3/8	0 2 1/4		
STEEL: A.S.T. M. 101						
ITEM NO. 501						

BRIDGE NO. 170

SHOP CONNECTIONS: Bolted - No Paint
FIELD CONNECTIONS: Welded - No Paint
HOLES: 1/8" TOLERANCE
PAINT: 200 LBS per 1000 SPCS.

APP 7-20-66

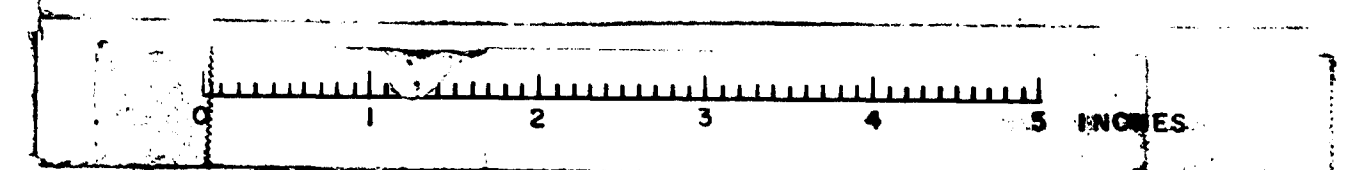
FEATURED JOINTS

Bennett & Martin Inc.
South Portland, Maine

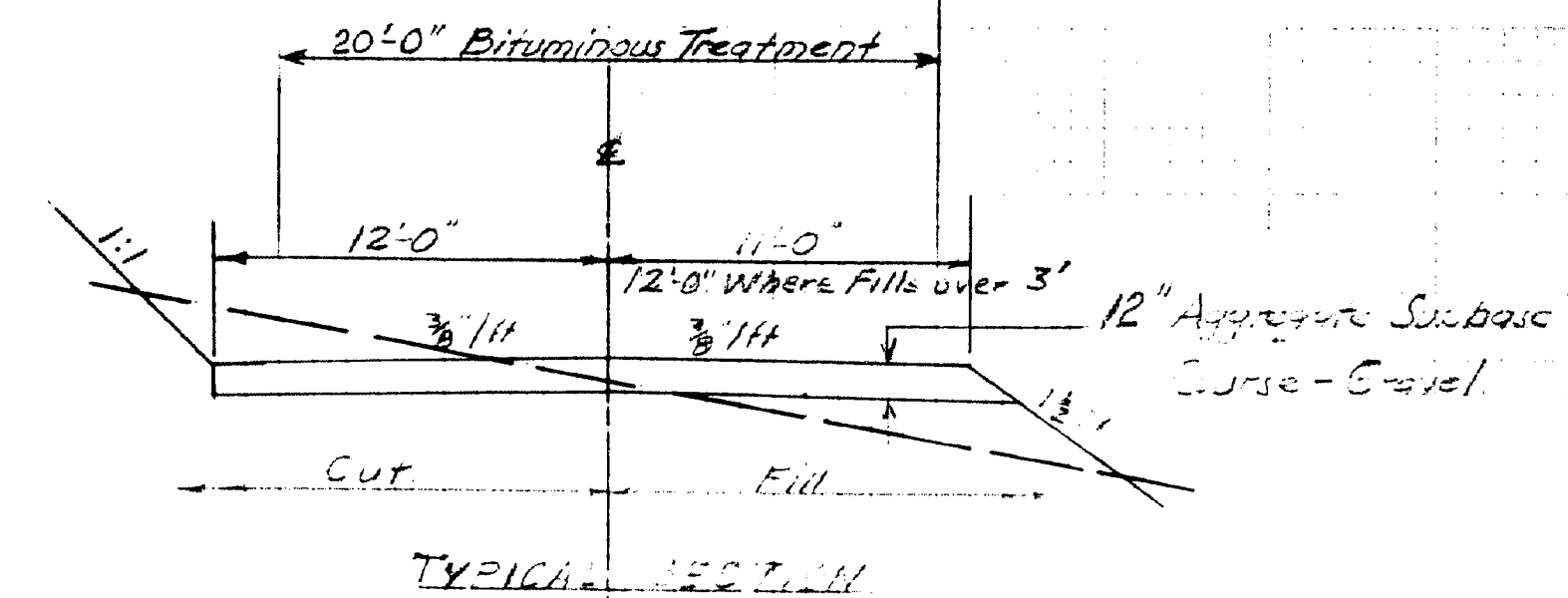
MCRR CROSSING
CARMEL, MAINE

CUSTOMER: REED & REED
DESIGNER: MAINE STATE BRIDGES
ORDER NO. VERDELL
JOB NO. 66-223
DWG. NO. 11

98-101

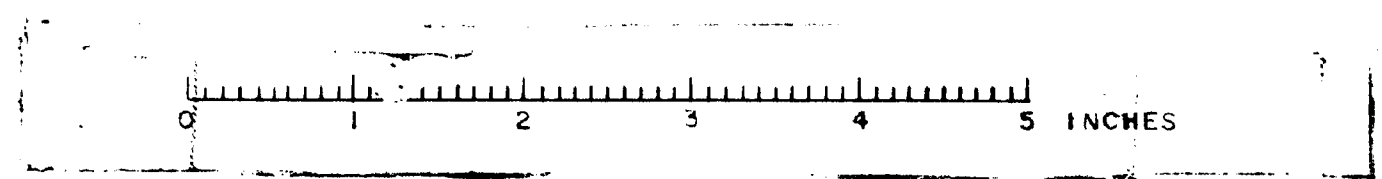
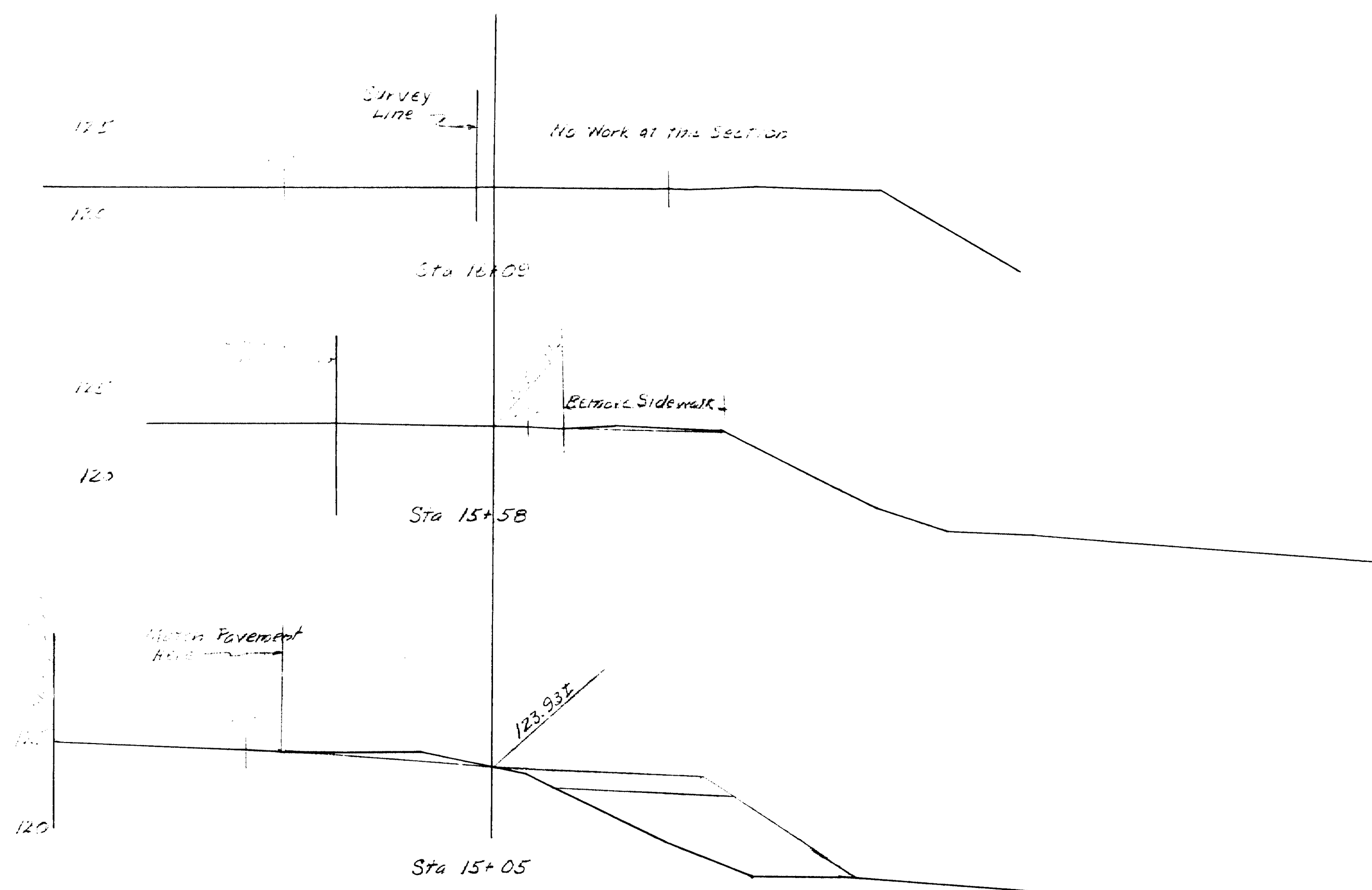


B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			



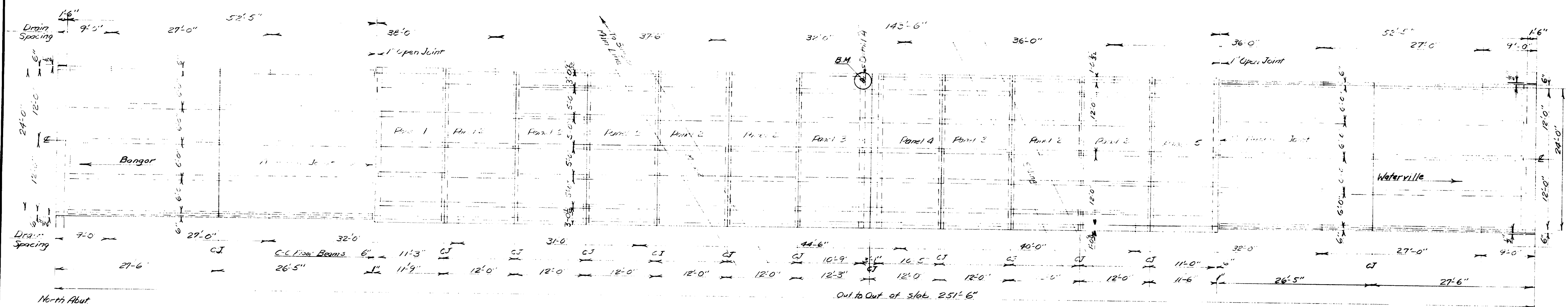
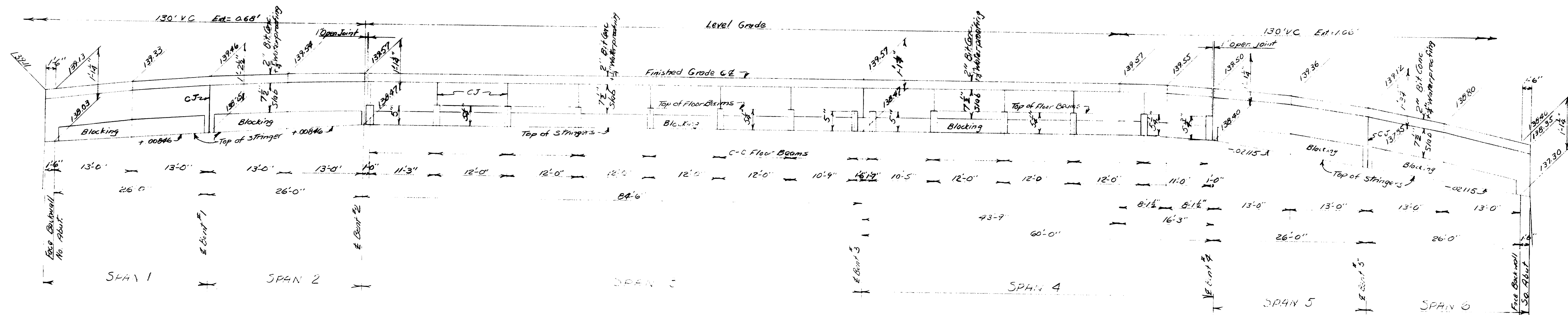
NOTE - EXISTING SURFACE GRADES AT THIS SECTION ARE:
 Station 14.0 and 15.0 are 12.0' and 12.5' respectively.
 1. SECT 403 - TRAPEZOIDAL SECTION
 @ 0.5' ± above road level
 2. SECT 403 - SEAL COAT - 1/2" thick
 @ 0.1' ± above road level

NOTE - Amount for materials, etc., for this section is to be
 all be made at the construction site. The amount
 involved is approximately \$10,000.00.
 Station 15.0



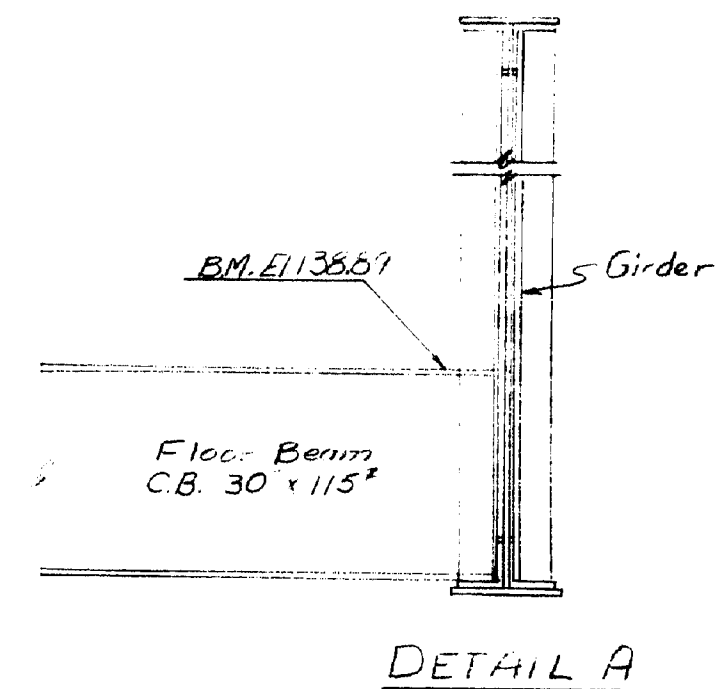
DESIGN TRACE CHECK	BRIDGE NO 2976 SURVEY F. BARNES PLOT C. SWELL
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
MAINE CENTRAL R.R. CROSSING	
IN THE TOWN OF CARMEL	
PENOBSCOT COUNTY	
CROSS-SECTIONS DETOUR ROAD	
SHEET 8 OF 2 AUGUSTA, MAINE APR 1966	

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



- INDEX OF SHEETS
1. Superstructure Layout
 2. Superstructure
 3. Superstructure
 4. Superstructure Details
 5. Armored Joint, Reinforcing Steel, Blocking
 6. Detour Survey
 7. Cross Sections (Detour Road)
 8. Cross Sections (Detour Road)
- STANDARD - St. August 1965 (8)

NOTE: Existing sidewalk on south side of bridge is not shown.
 No work is contemplated on the sidewalk under this contract.



See Sh. #6 for "VICINITY MAP"

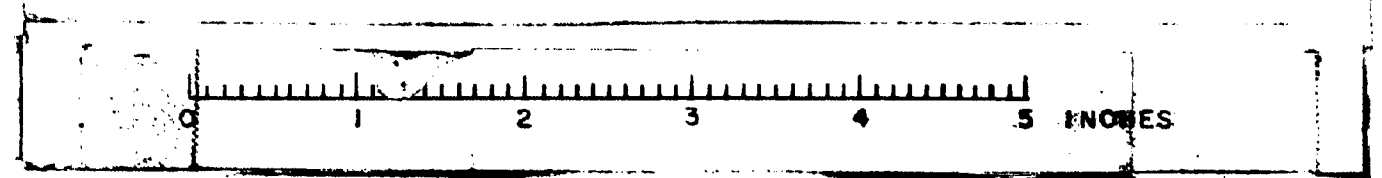
DESIGN - PORTER
 CHECK - H.P.S.

BRIDGE NO. 2976
 SURVEY -
 PLOT -

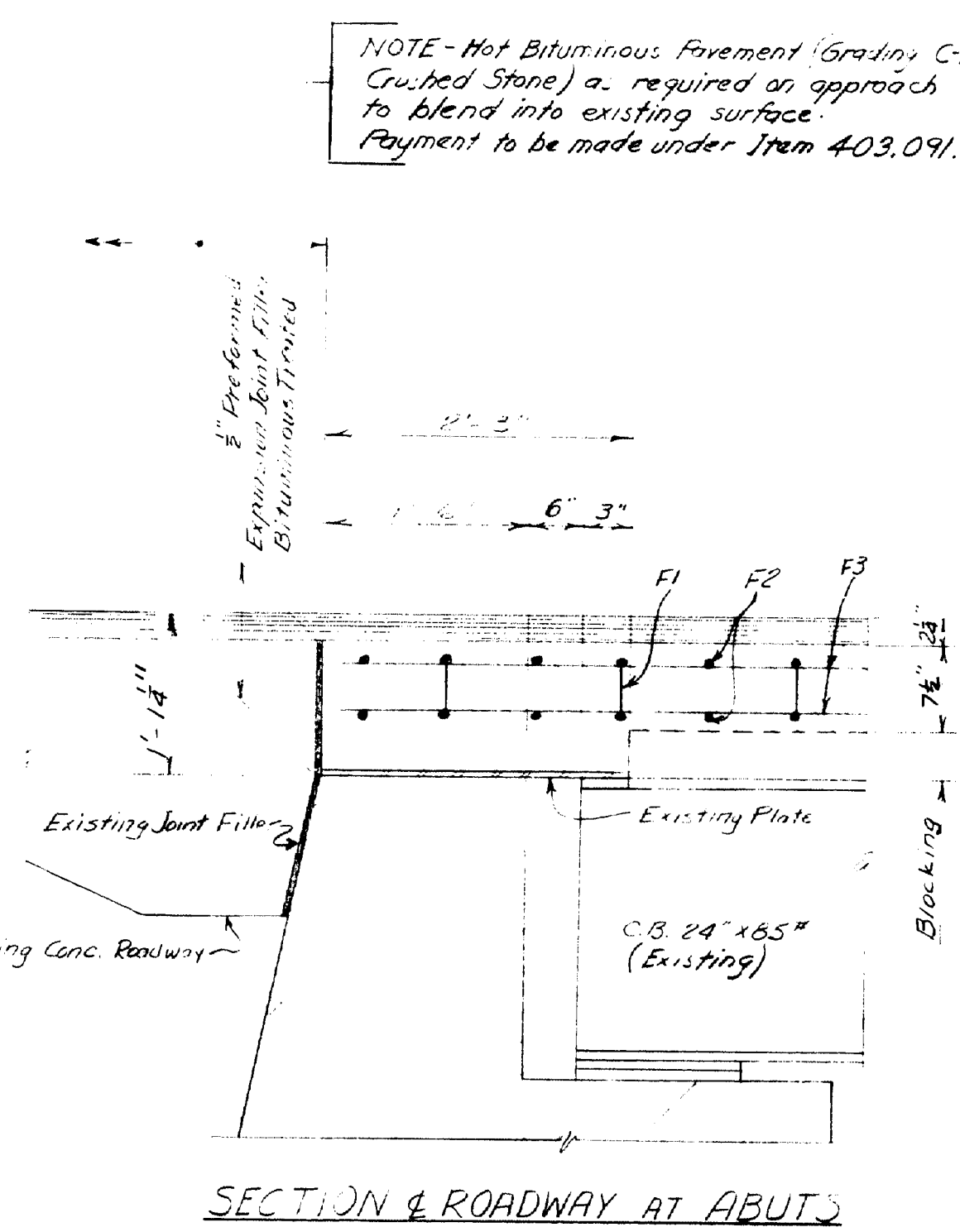
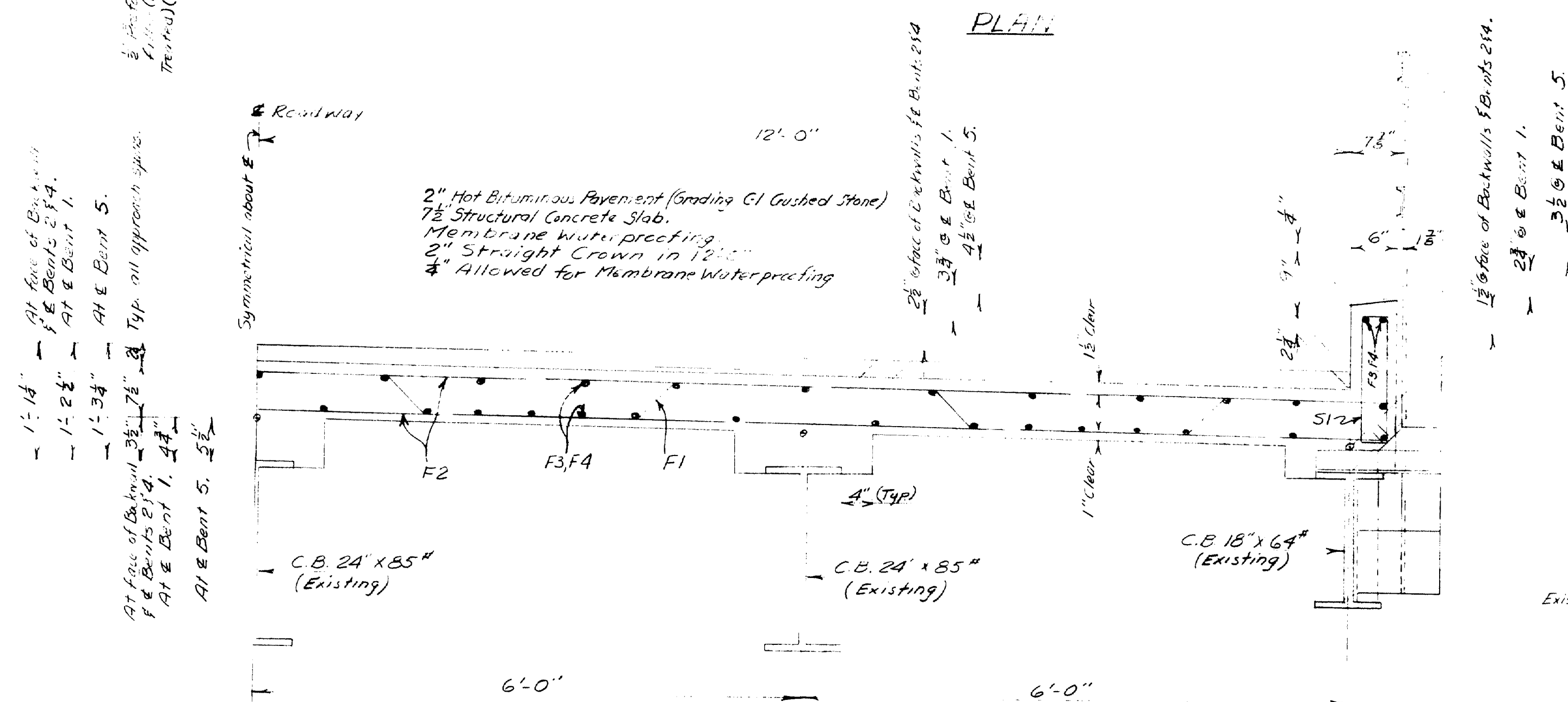
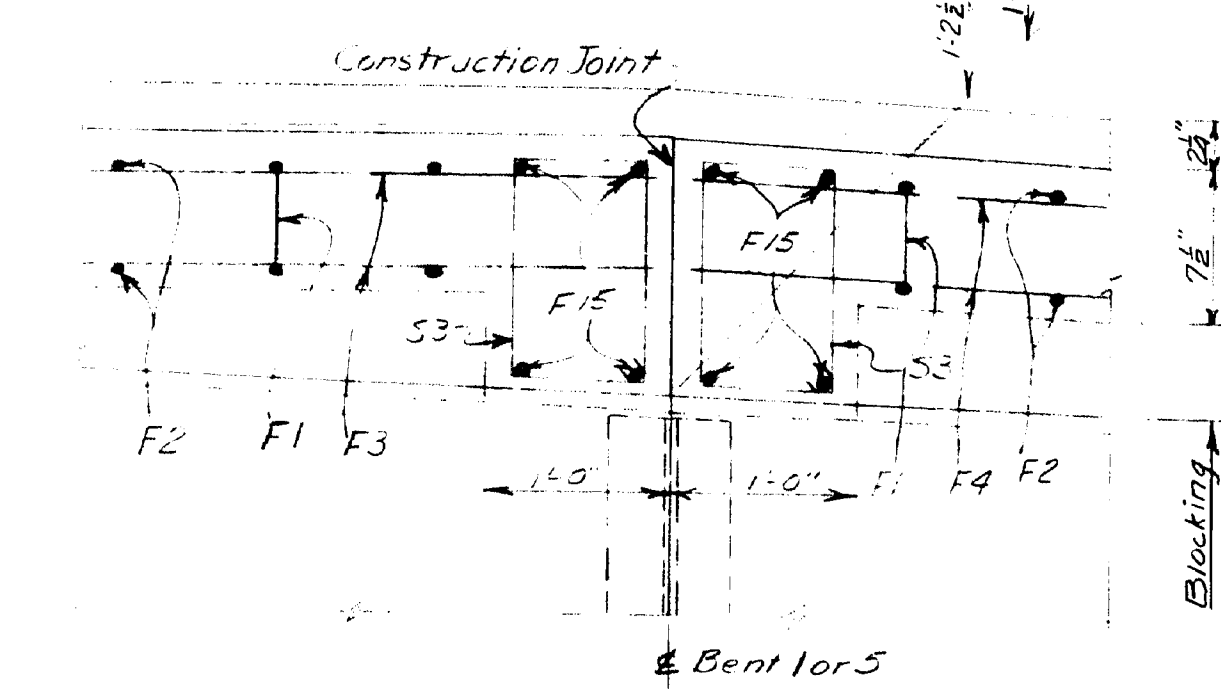
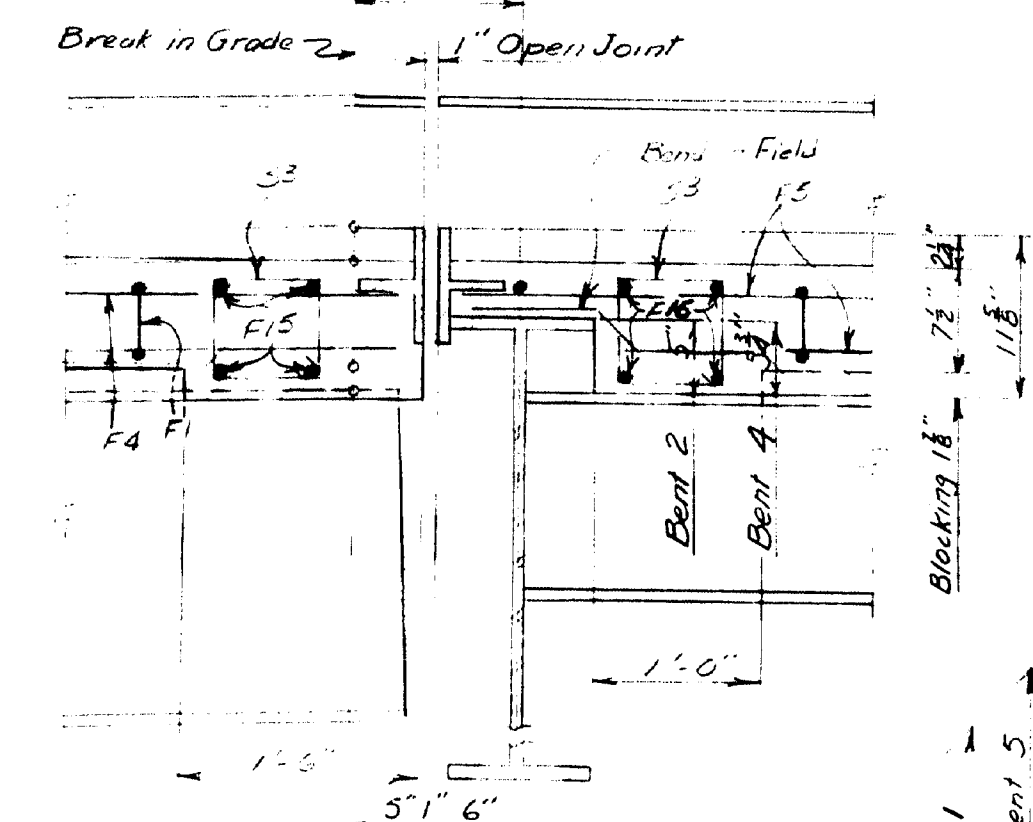
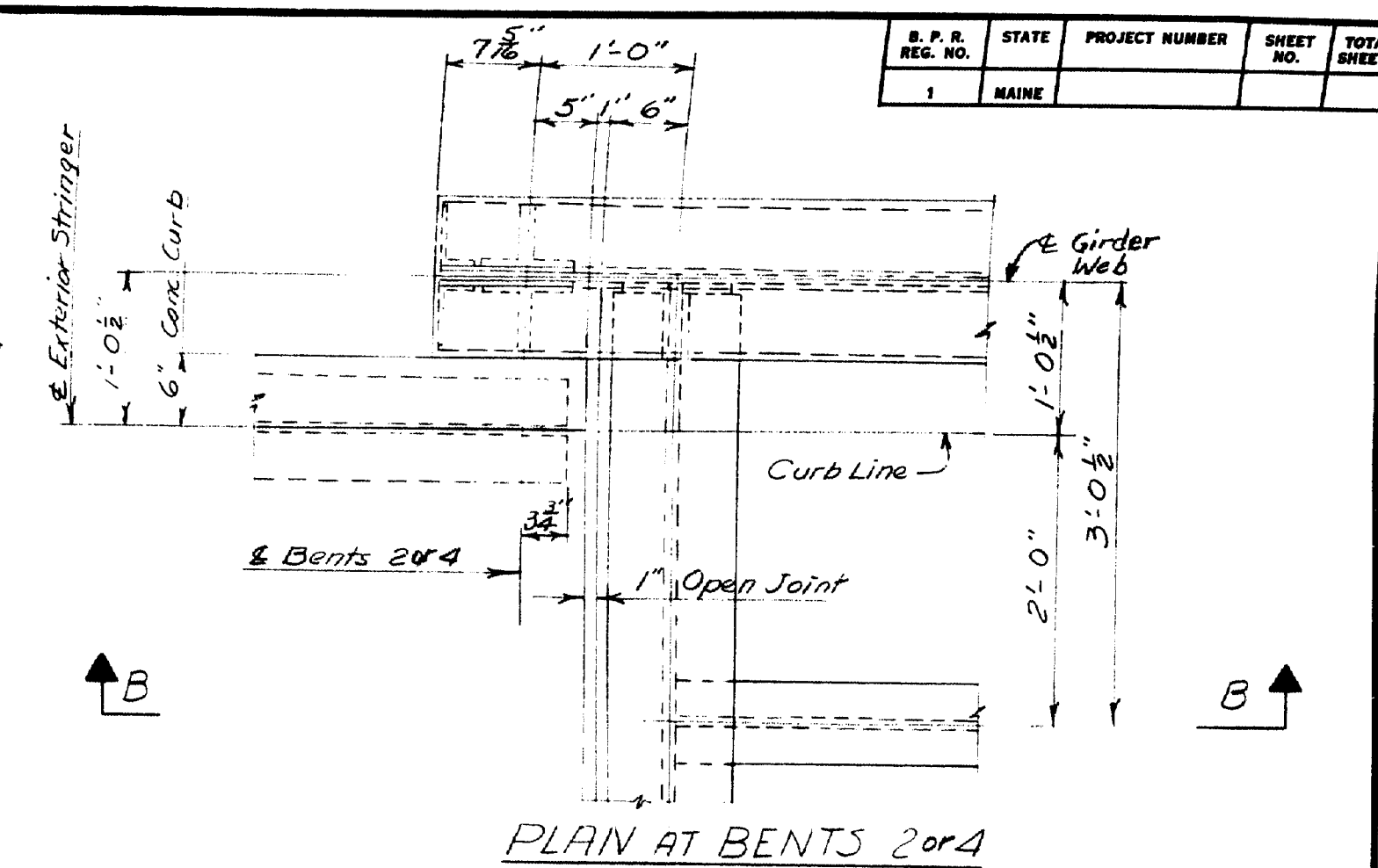
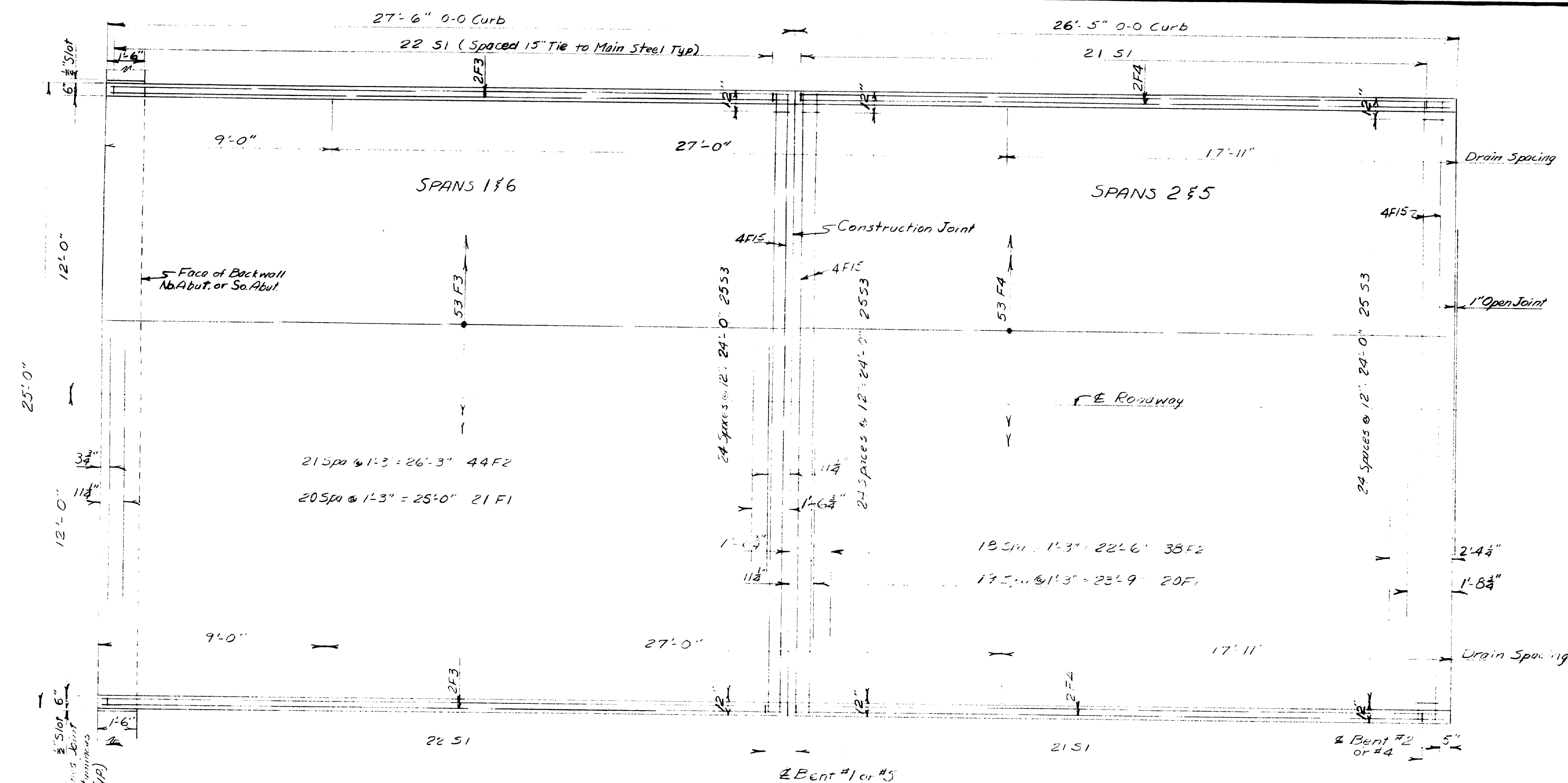
STATE HIGHWAY COMMISSION
 BRIDGE DIVISION

MAINE CENTRAL R.R. CROSSING
 IN THE TOWN OF
CARMEL
PENOBSCOT COUNTY
 SUPERSTRUCTURE LAYOUT

SHEET 1 OF 8 AUGUSTA, MAINE MARCH 1965



97-1



NOTE - Hot Bituminous Pavement (Grading C-1 Crushed Stone) a. required an approach to blend into existing surface.
Payment to be made under Item 403.091.

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

DESIGN- PORTER DETAIL-CAM	BRIDGE NO. 2977
TRACE- CAR	SURVEY-
CHECK- H.R.	PLOT-

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

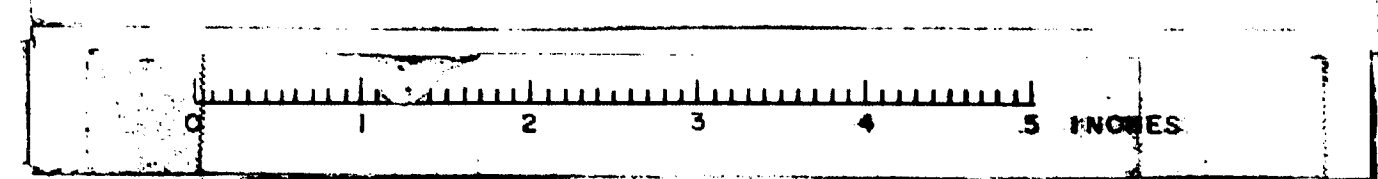
MAINE CENTRAL R.R. CROSSING

IN THE TOWN OF
CARMEL

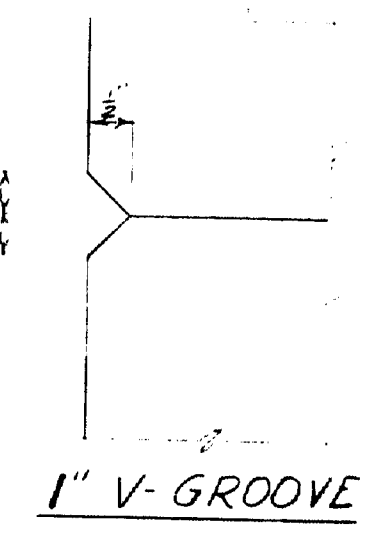
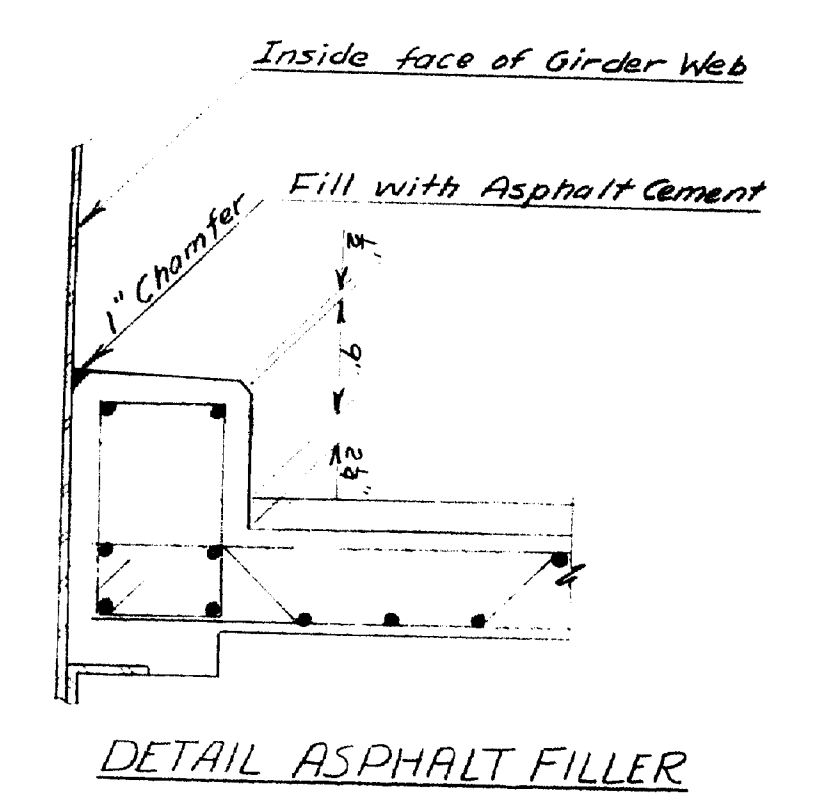
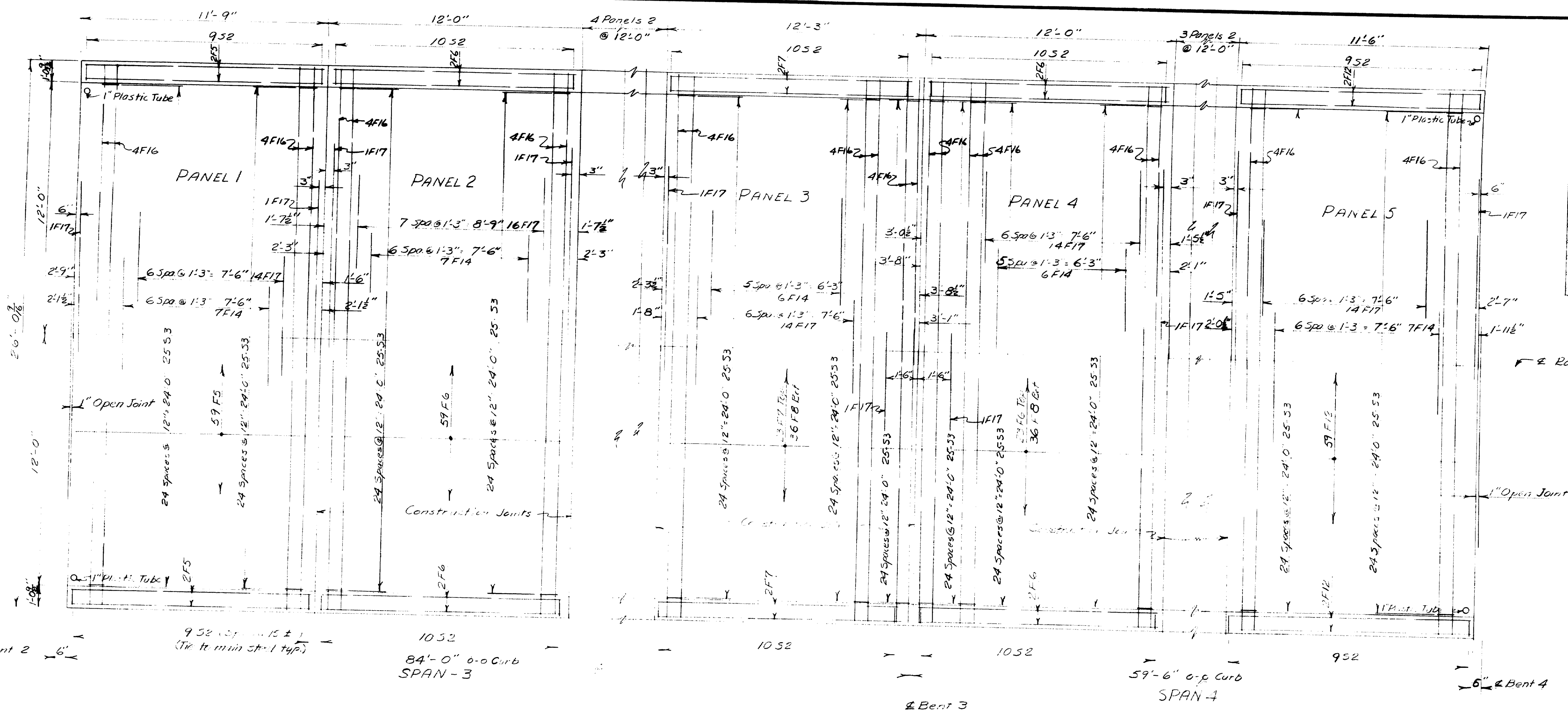
PENOBSCOT COUNTY

SUPERSTRUCTURE

SHEET 2 OF 8 AUGUSTA, MAINE *MARCH 1955*

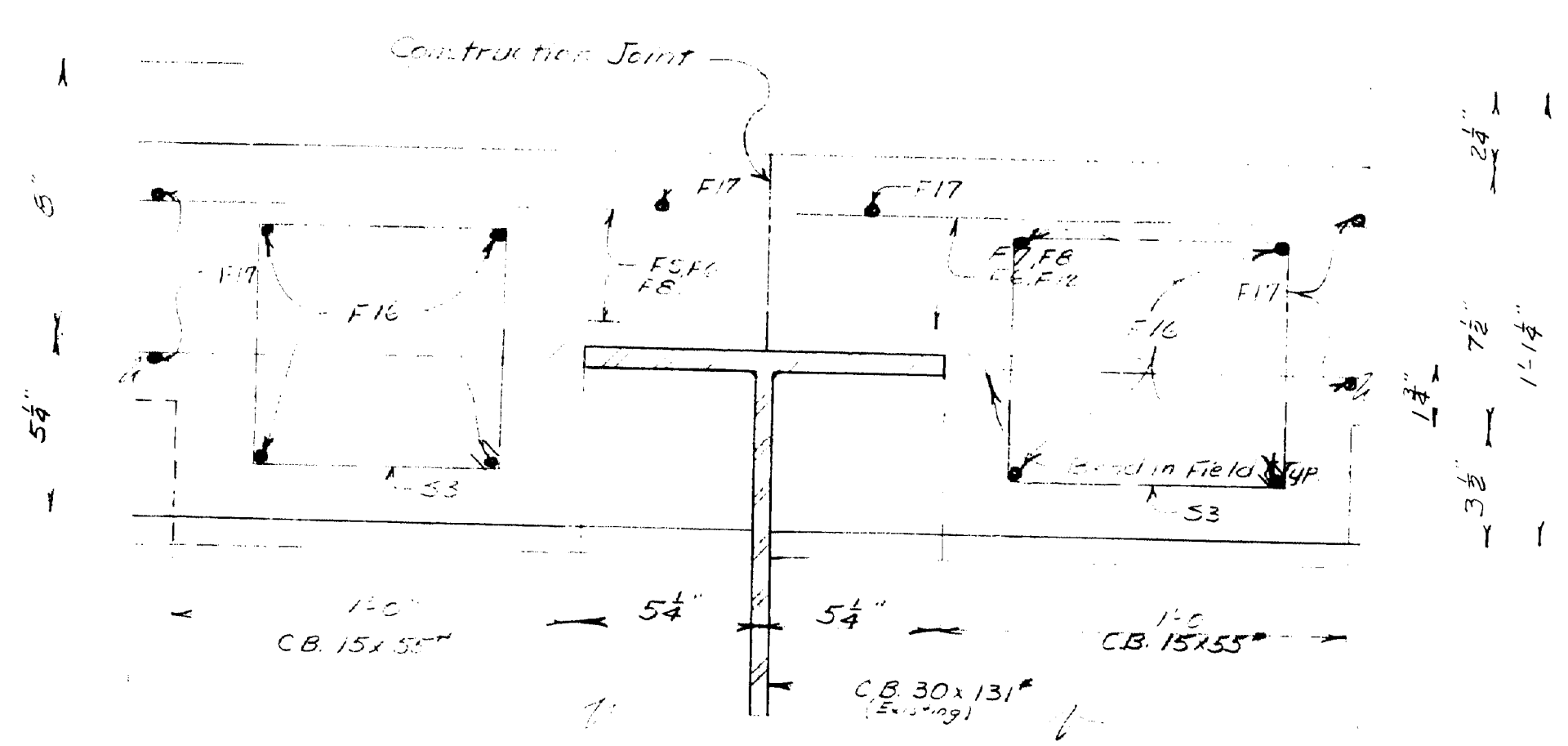


B. P. R.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			



PLAN

- GENERAL NOTES:
- Construct V-groove on both faces and inside top of curb and outside face of superstructure slab at construction joints.
 - Provide a 1" plastic tube drain extending through slab to 2" below bottom of slab at low points of superstructure adjacent to armored joints. Exact location of tubes to be determined in the field by the Engineer. Do not cover top with mortar or with concrete.
 - For bottom curb & grade, see sheet #5.
 - Chamfer exposed edges of concrete 1/2".
 - For Drain Details see sheet #4.
 - The old drains are to be reused in the new superstructure so care should be taken to make sure they are not damaged in removing them from the old deck.
 - Cover 1/2" slot between superstructure and abutment with two layers of roofing 10" wide. Cover the concrete and each layer of roofing as applied with asphalt cement.
 - For Superstructure layout see sheet #1.
 - Top of drains shall be placed 1/2" below finished grade of roadway. Bituminous concrete shall be leveled for 1'-0" around drains to allow for flow of water into drain.
 - For drain spacing see sheet #1.
 - Reinforcing cover 2" unless otherwise noted.
 - Estimated quantity of Structural Concrete is 185 cu. yds.



SECTION AT INTERMEDIATE FLOOR BEAM
GIRDER SPANS AT ROADWAY

DESIGN - POBEN DETAIL - EAM
TRACE - CAM
CHECK - EAM

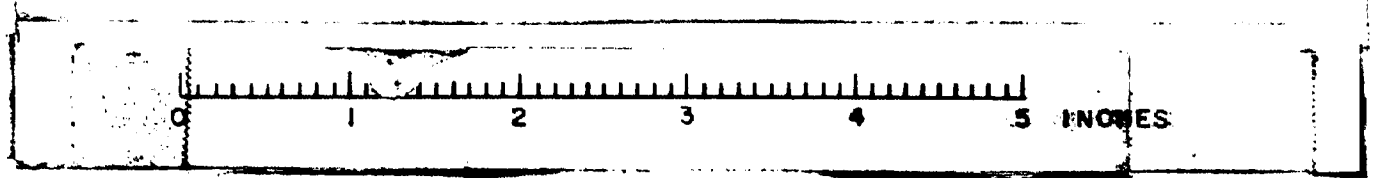
BRIDGE NO. 2976
SURVEY -
PLOT

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

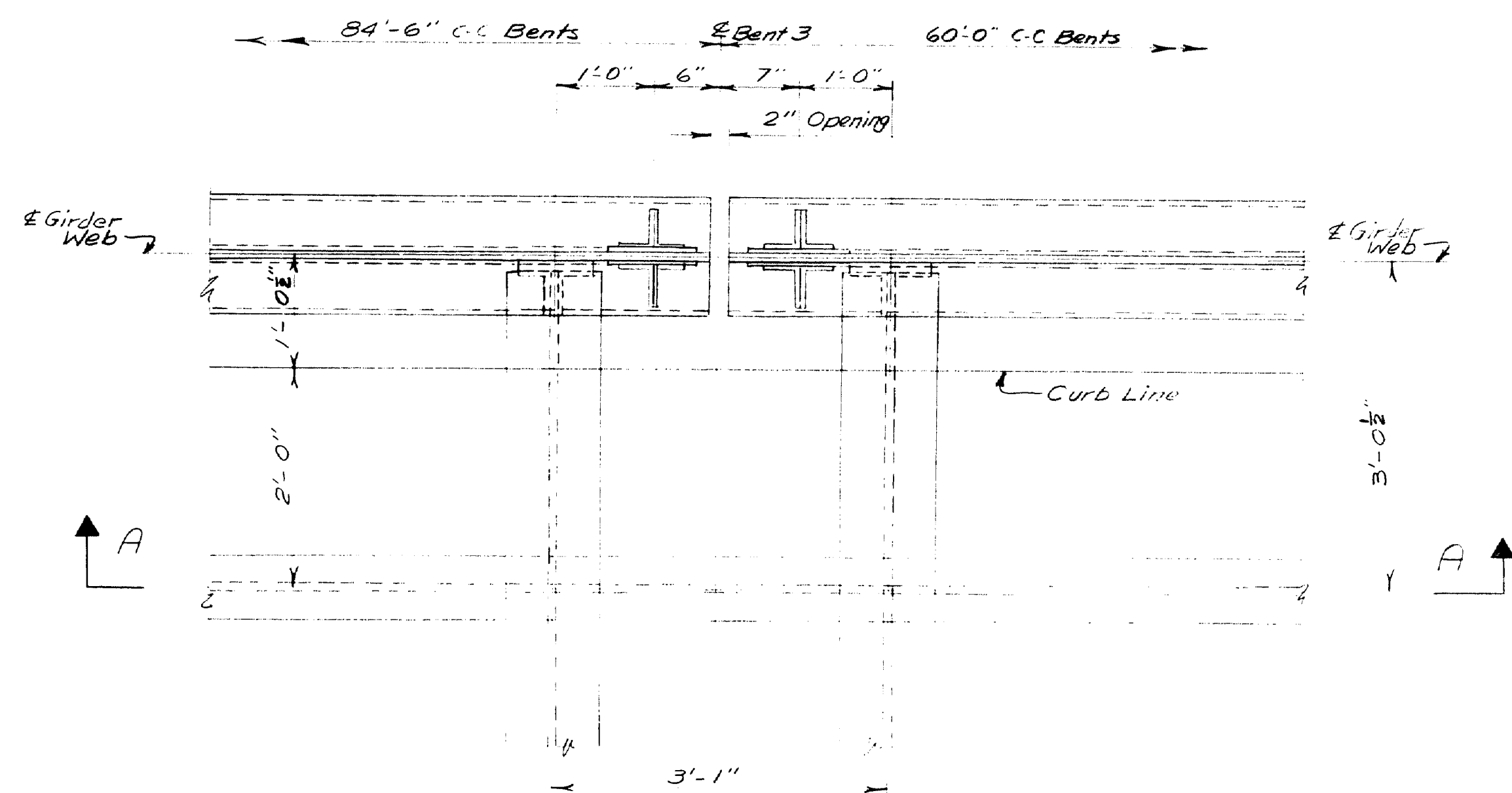
MAINE CENTRAL R.R. CROSSING
IN THE TOWN OF
CARMEL
PENOBSCOT COUNTY.
SUPERSTRUCTURE

SHEET 3 OF 8 AUGUSTA, MAINE MARCH 1965

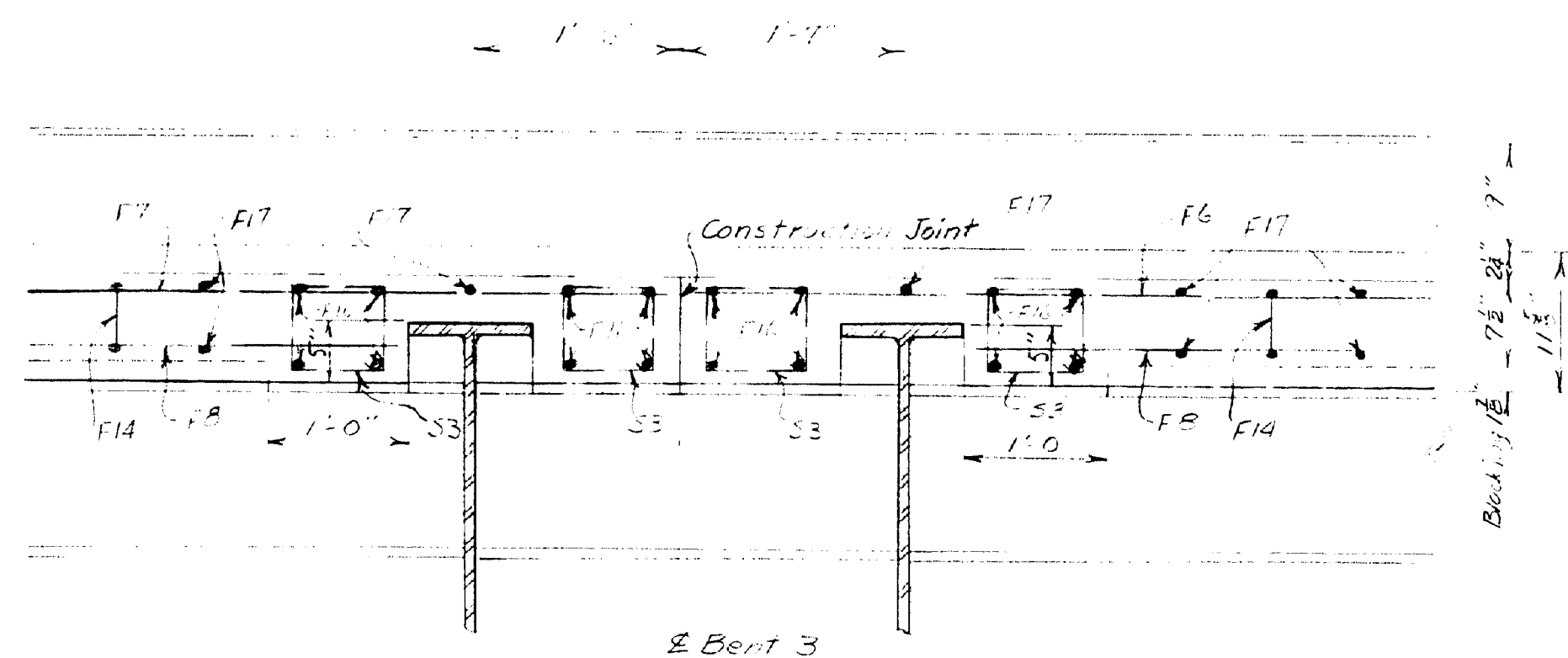
97-3



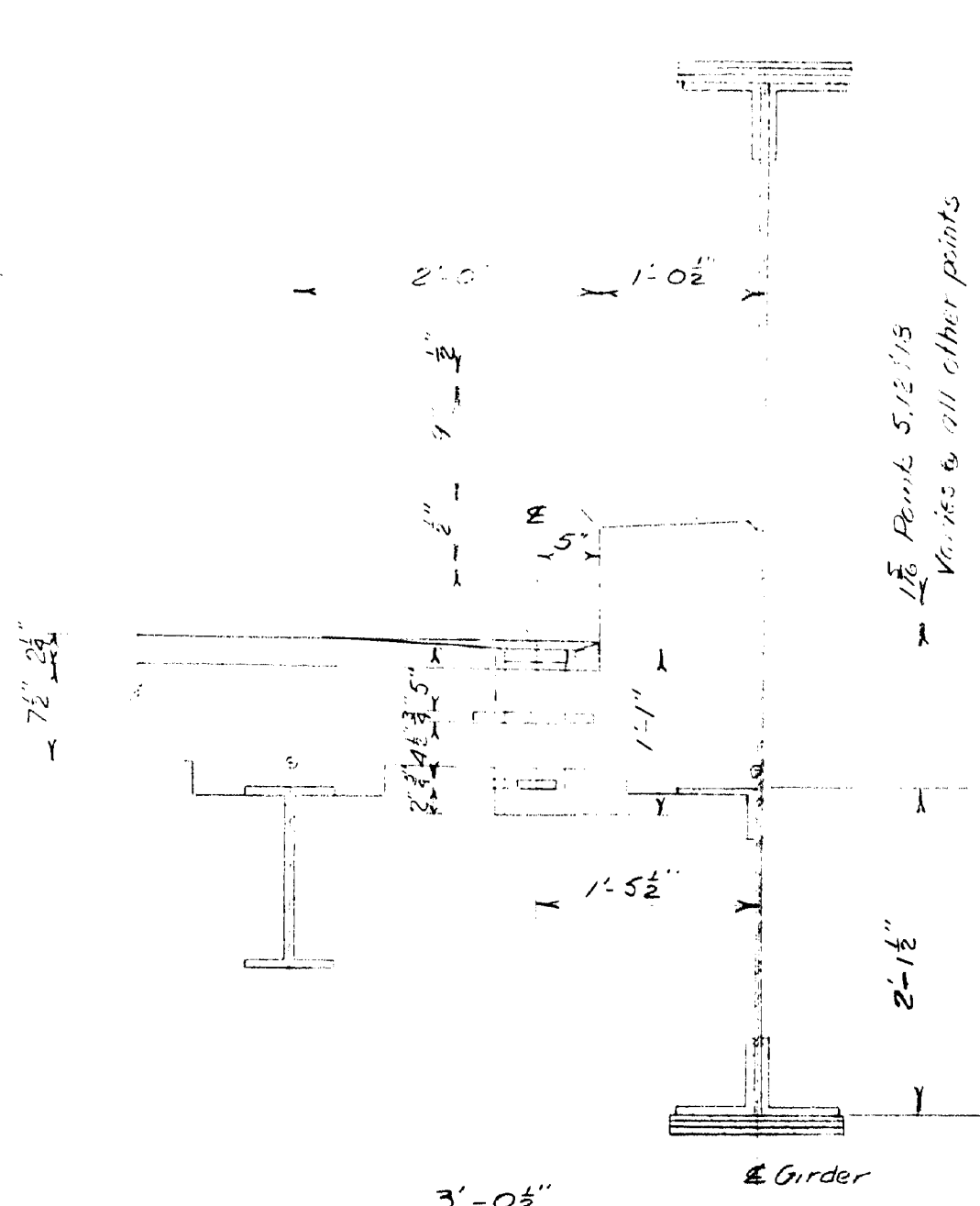
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			



PLAN AT BENT 3

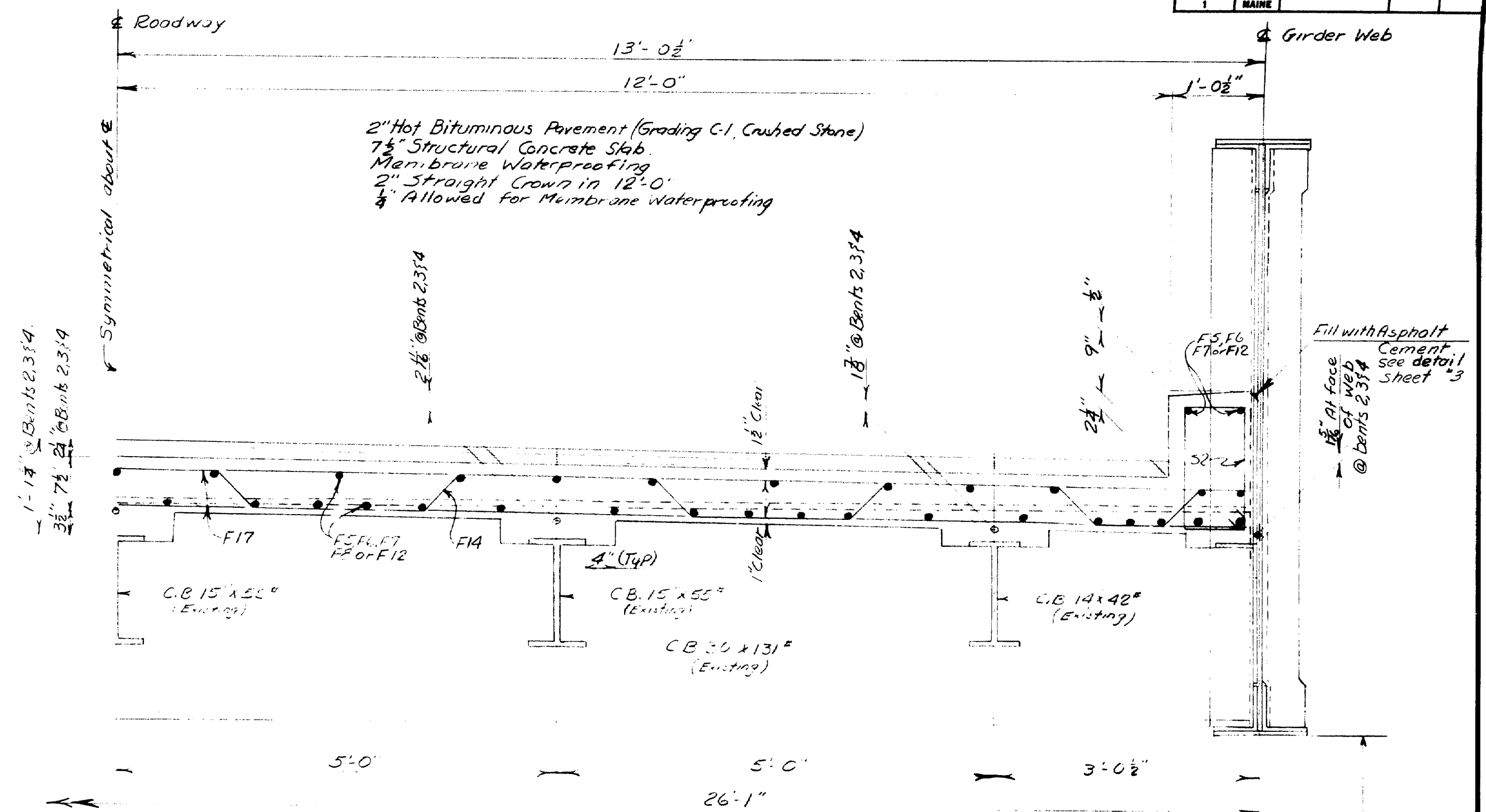


SECTION A-A



DRAINS GIRDER SPANS

Existing Drains Remove and Reuse



HALF SECTION GIRDER SPAN

NOTE - Underclearance from bottom of girders to top of rail is about 21'-0"

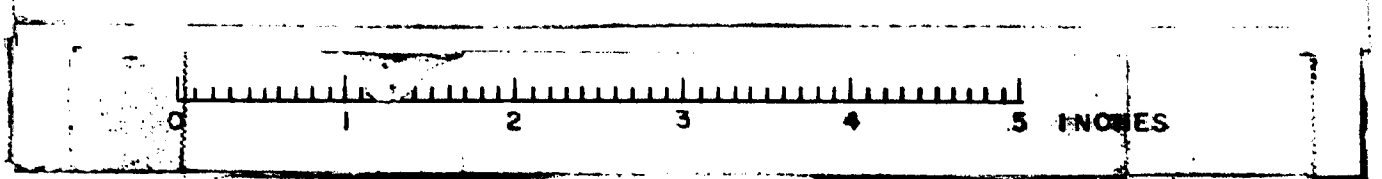
DRAINS APPROACH SPANS

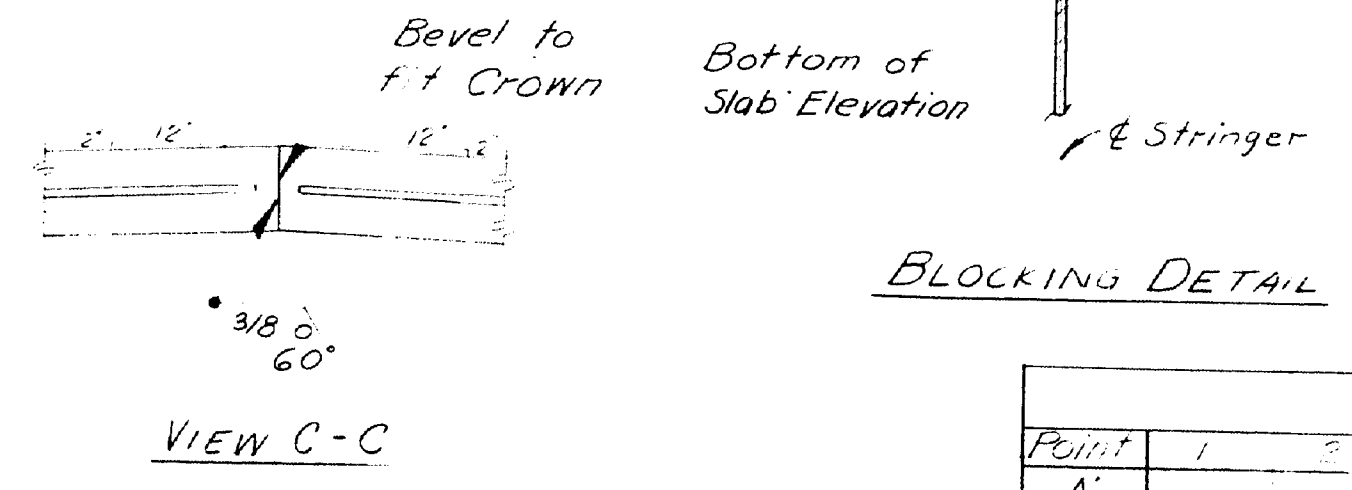
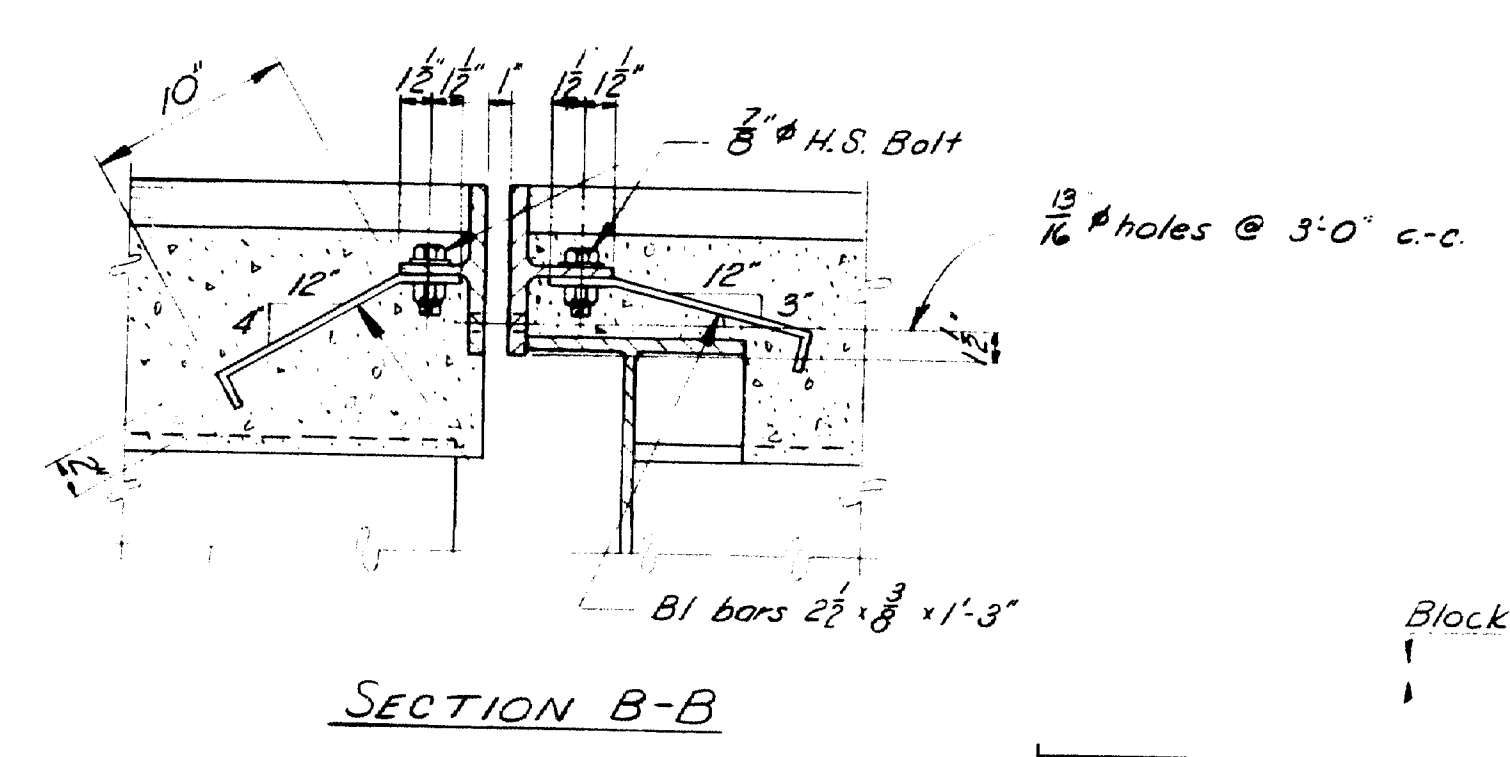
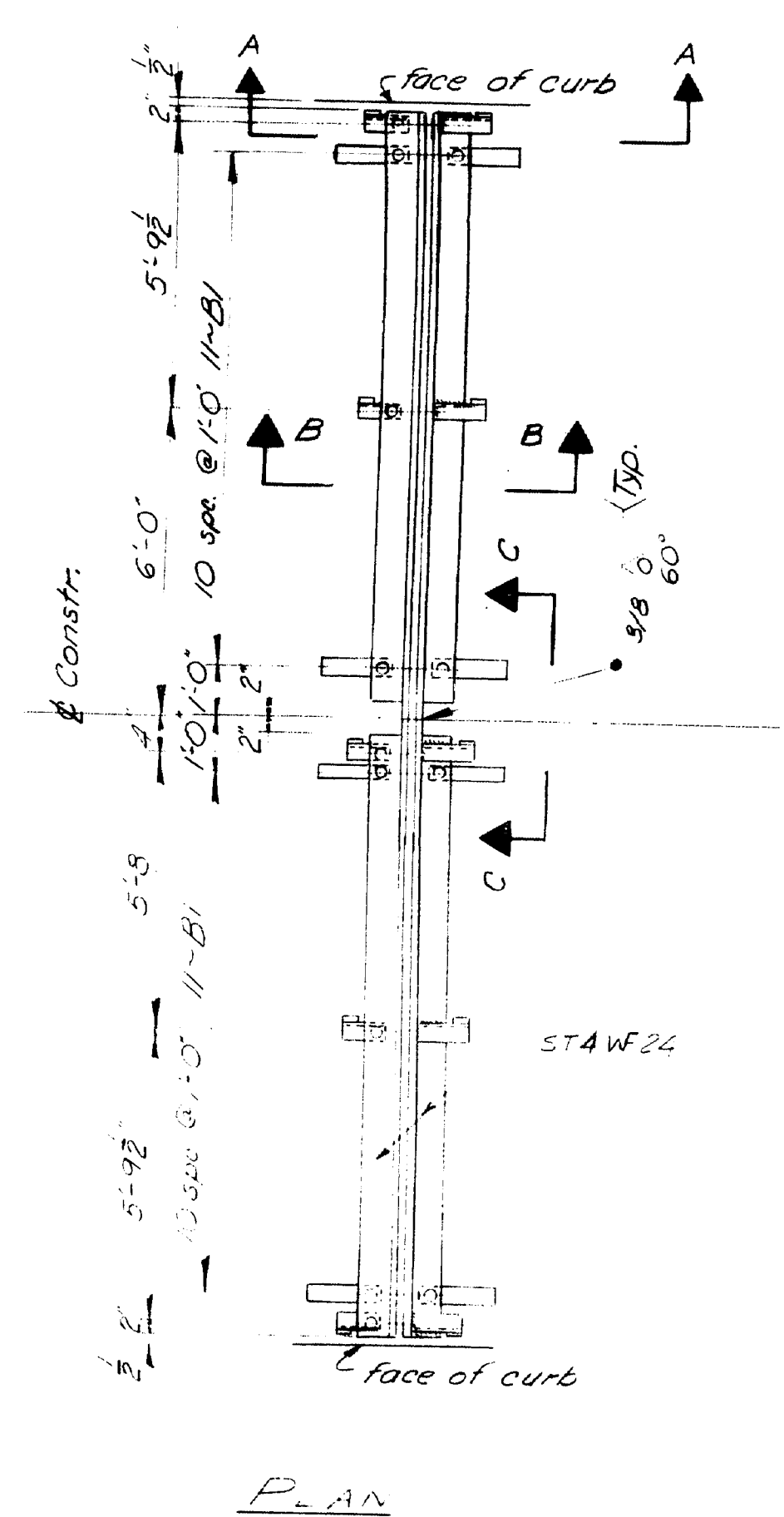
Existing Drains Remove and Reuse

NOTE - Payment for salvaging and reusing the existing drains will be included in the lump sum contract price for Item 502.26 Structural Concrete, Roadway and Sidewalk Slabs on Steel Bridges.

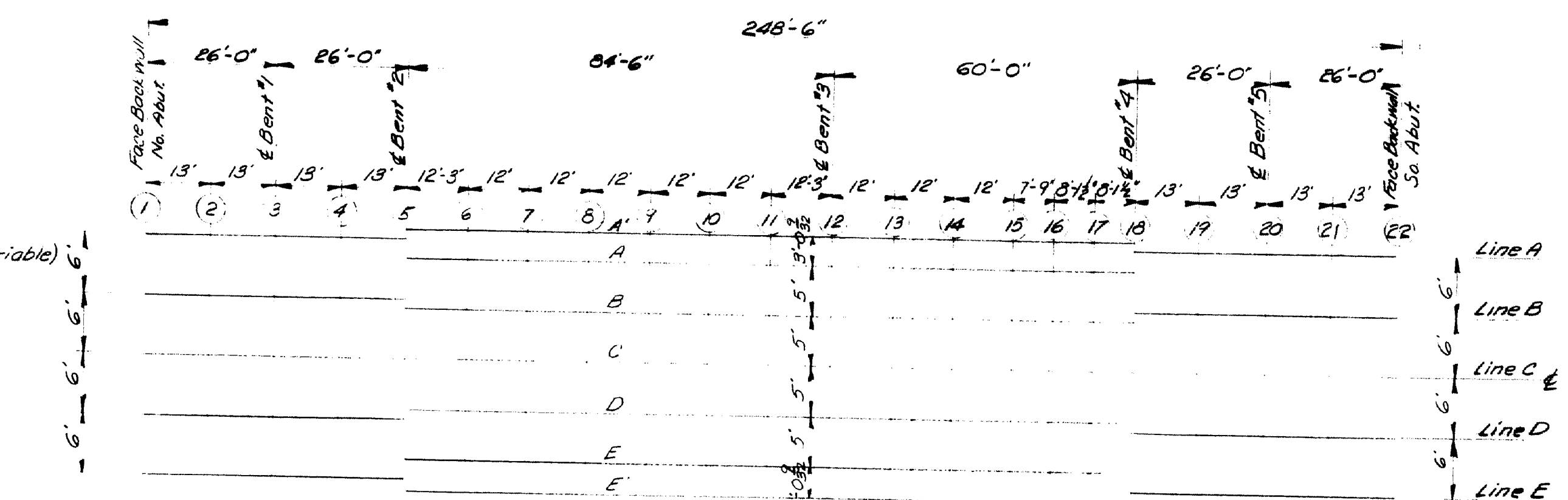
DESIGN - DETAIL - PORTER	BRIDGE NO. 2976
TRACE - C.H. 1	SURVEY - PLOT -
CHECK - H.R. 2	
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
MAINE CENTRAL R.R. CROSSING IN THE TOWN OF CARMEL PENOBSCOT COUNTY SUPERSTRUCTURE DETAILS	
SHEET 4 OF 8 AUGUSTA, MAINE MARCH 1965	

97.4





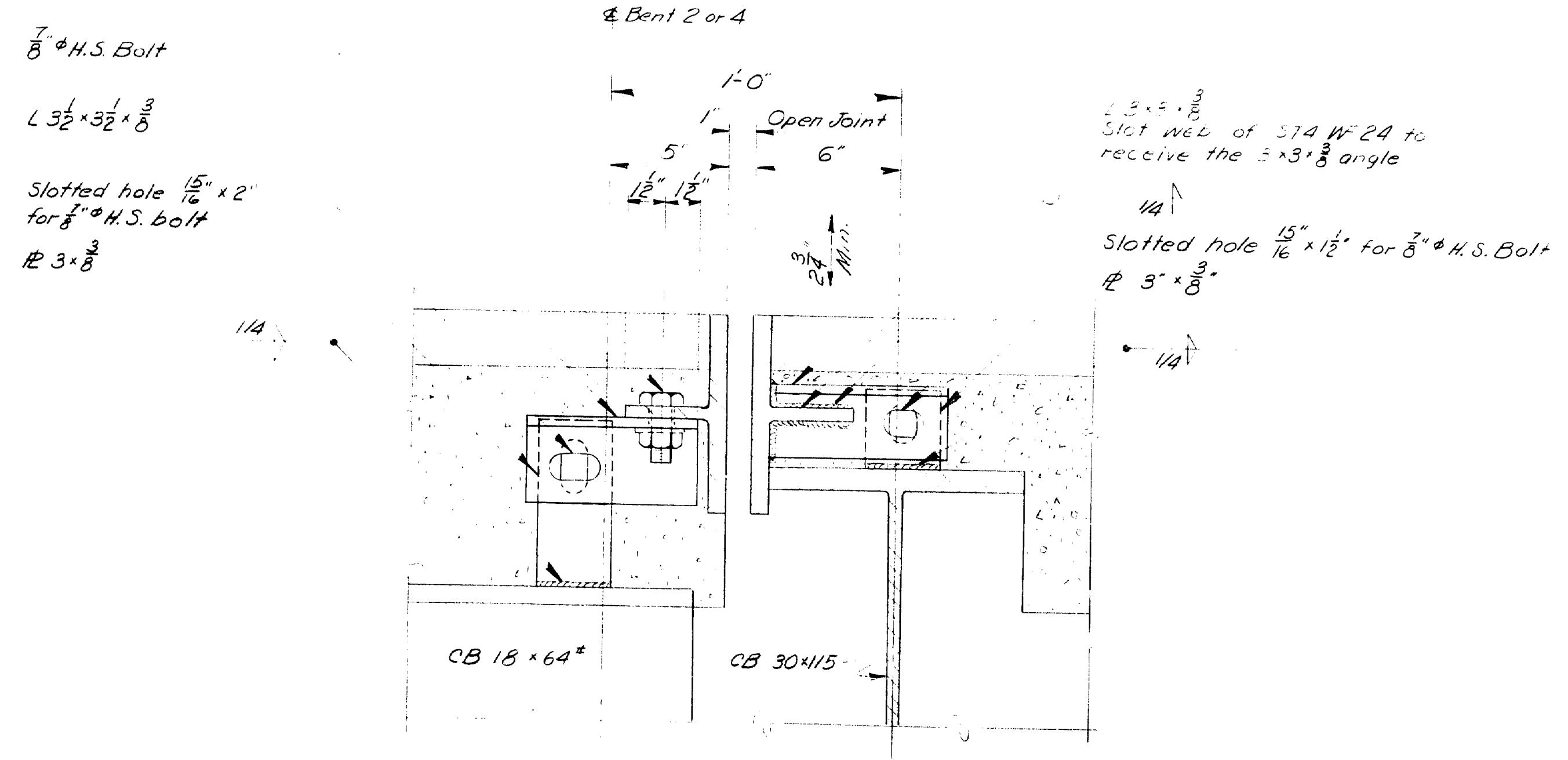
NOTE - Estimated weight of new structural steel required, nominal sizes, and not including weld, is 2750 pounds.



NOTE: To compensate for possible irregularities in stringer set bottom of slab elevations before any of the slab forms are started.

BOTTOM OF SLAB ELEVATIONS																							
Point	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
A	138.15	138.35	138.45	138.56	138.54	138.62	138.61	138.63	138.64	138.64	138.63	138.61	138.58	138.59	138.60	138.60	138.59	138.57	138.51				
B	138.24	138.44	138.57	138.65	138.66	138.69	138.72	138.74	138.75	138.75	138.74	138.72	138.69	138.70	138.71	138.71	138.70	138.68	138.62	138.61	138.55	138.52	138.38
C	138.32	138.52	138.65	138.73	138.76	138.76	138.71	138.61	138.82	138.82	138.81	138.79	138.76	138.77	138.78	138.78	138.77	138.75	138.69	138.55	138.31	137.79	137.51
D	138.24	138.44	138.57	138.65	138.65	138.69	138.72	138.74	138.75	138.75	138.74	138.72	138.69	138.70	138.71	138.71	138.70	138.68	138.62	138.61	138.55	138.31	137.79
E	138.15	138.35	138.45	138.56	138.59	138.62	138.61	138.63	138.64	138.64	138.63	138.61	138.58	138.59	138.60	138.60	138.59	138.57	138.51				
F						138.58	138.61	138.63	138.64	138.64	138.63	138.61	138.58	138.59	138.60	138.60	138.59	138.57	138.51				

NOTE: For the location and elevation of the bench mark to be used for setting the bottom slab grades see sheet #1.



NOTE: After Armored Joint Units are in final position weld 1/2 inch to angle with 1/4 inch fillet.

REINFORCING STEEL SCHEDULE				SUPERSTRUCTURE			
Mark	Size	Number	Length	Mark	Size	Number	Length
F1	#5	62	25'-11"	F2	#5	164	24'-6"
F14	#5	82	27'-7"	F3	#4	114	27'-2"
S1	#4	172	3'-10"	F4	#4	114	26'-1"
S2	#4	236	4'-10"	F5	#3	63	11'-5"
S3	#5	800	3'-11"	F6	#3	531	11'-8"
				F7	#3	27	11'-11"
				F8	#3	72	9'-8"
				F12	#4	63	11'-2"
				F15	#8	24	24'-8"
				F16	#8	104	25'-8"
				F17	#5	205	25'-8"

SPECIFICATIONS
 DESIGN: AASHTO Standard Specifications for Highway Bridges, 1961 with Interim Specifications to 1964.
 CONSTRUCTION: State of Maine, State Highway Commission, Standard Specifications for Highways and Bridges, Revision of June 1965.

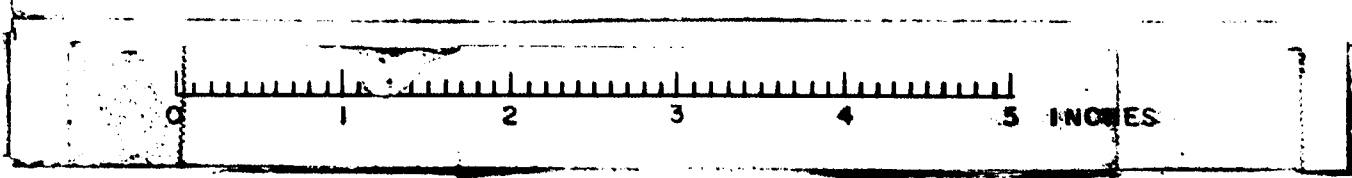
LIVE LOADING
 H20-44

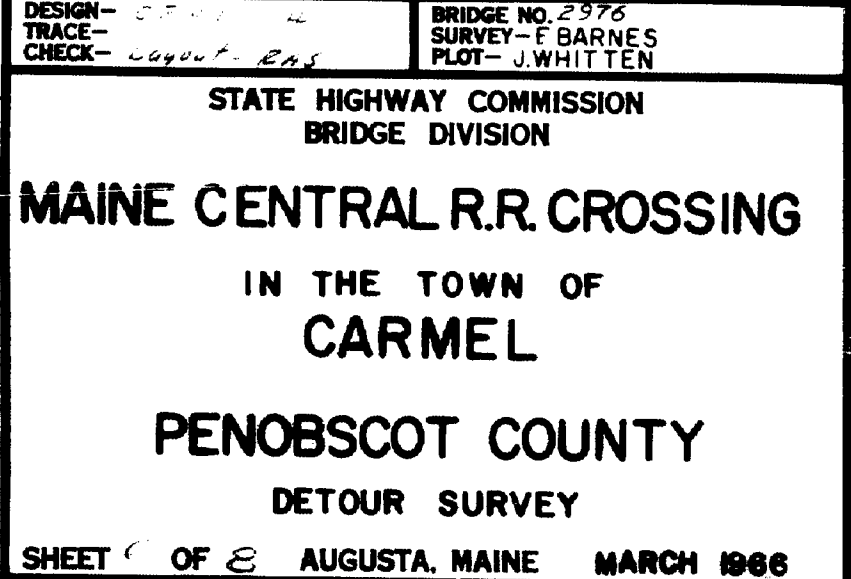
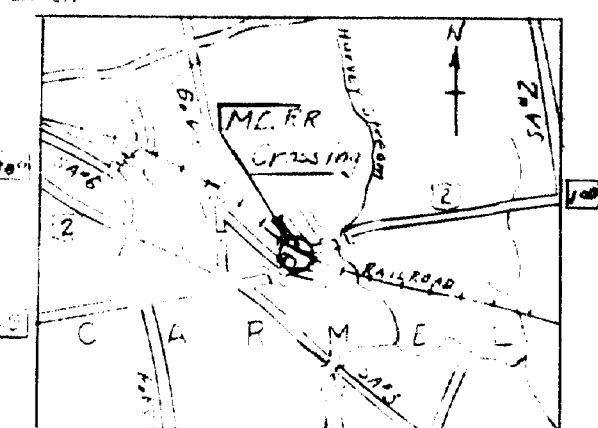
ALLOWABLE STRESSES
 Concrete - $f_c = 1200$ psi. $n = 10$
 Reinforcing Steel, Intermediate grade - $f_s = 20,000$ psi.
 Structural Steel, A7 - $18,000$ psi. - Existing
 A36 - $20,000$ psi. - New

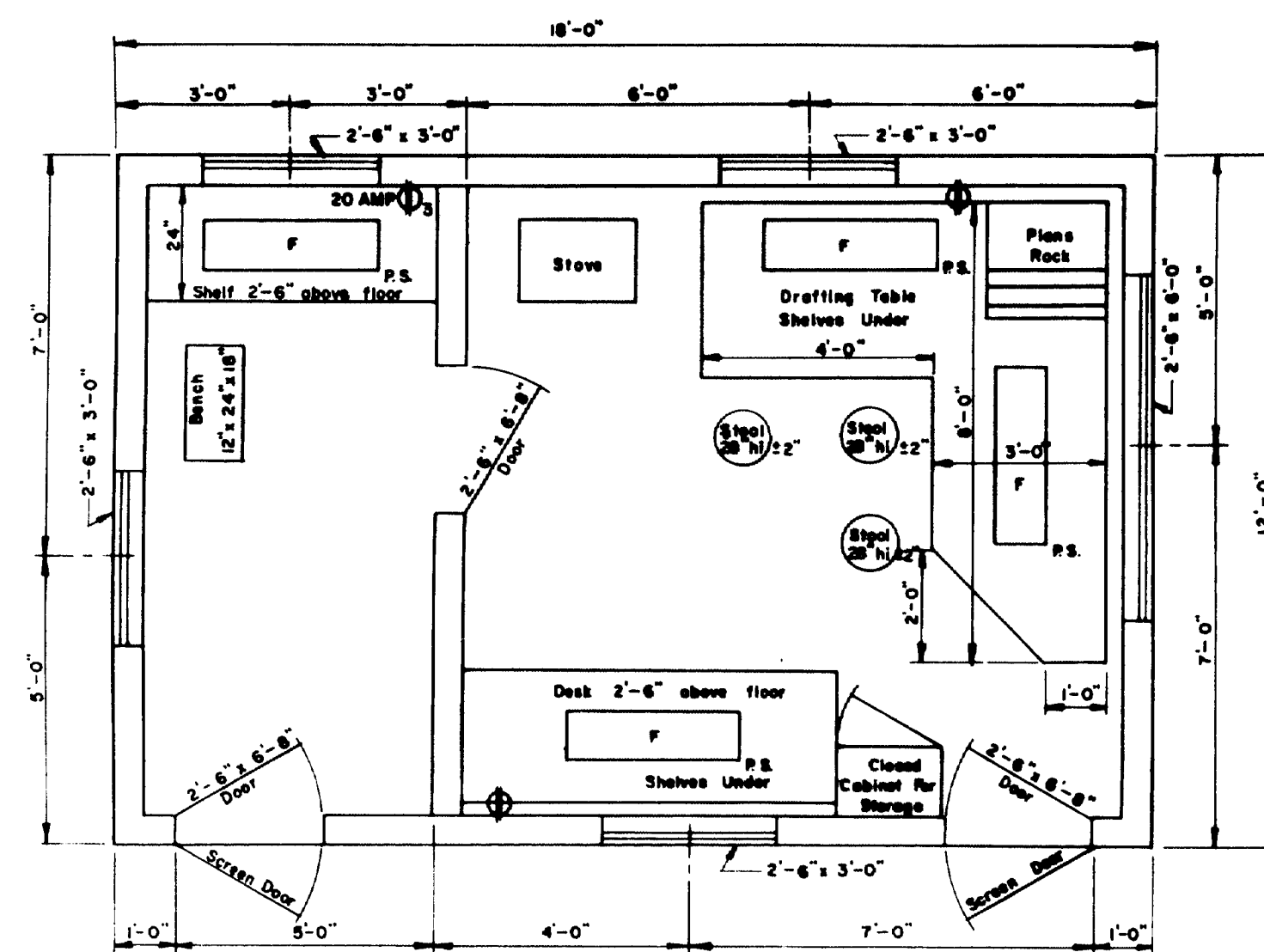
CONCRETE CLASSIFICATION
 All concrete to be Class "A"

DESIGN - PORTER, DEL. DORRITY	BRIDGE NO. 297C
TRACE - DORRITY	SURVEY - PLOT -
CHECK - HRS	
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
MAINE CENTRAL R.R. CROSSING IN THE TOWN OF CARMEL PENOBSCOT COUNTY	
ARMORED JOINT, REINFORCING, BLOCKING	
SHEET 5 OF 8 AUGUSTA, MAINE MARCH 1965	

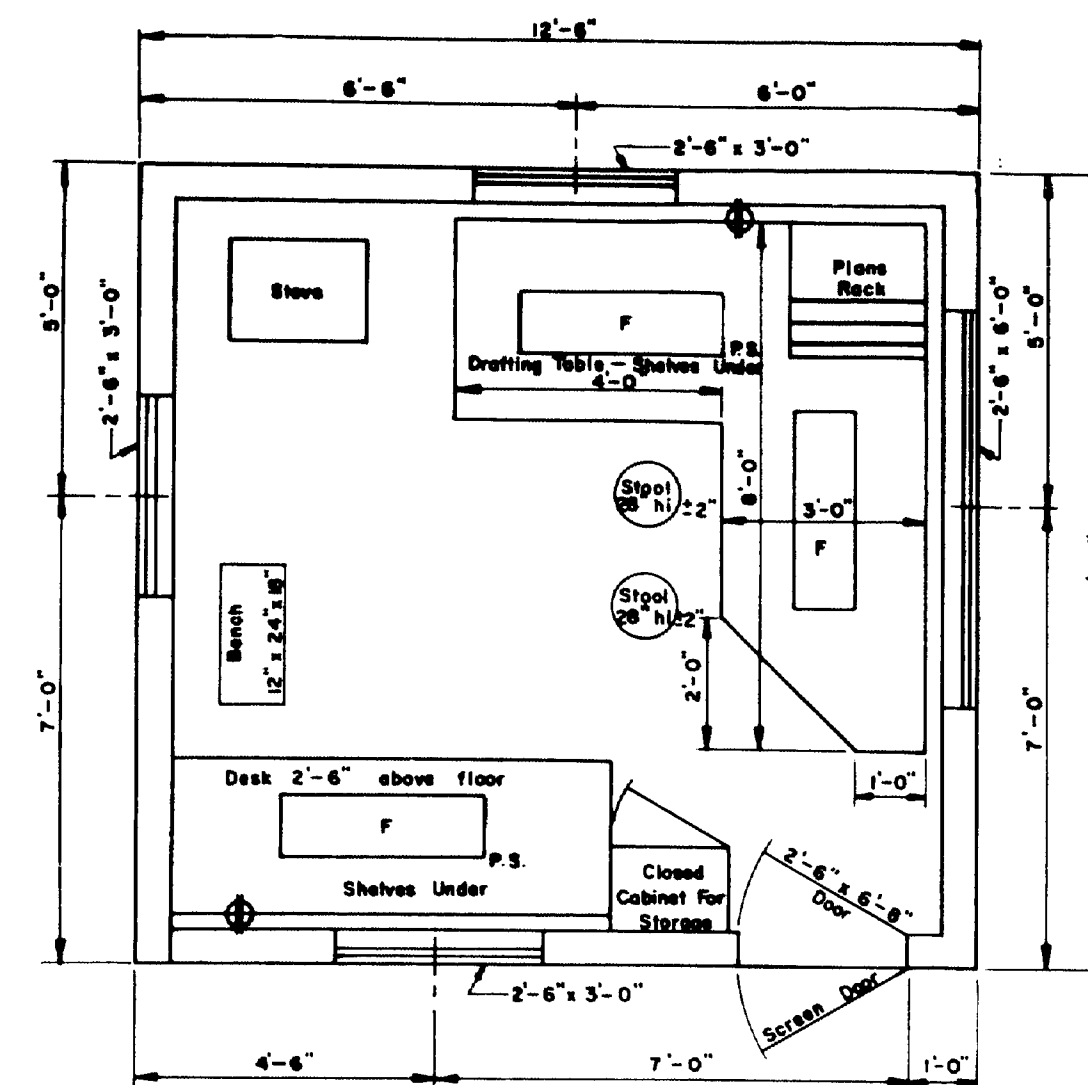
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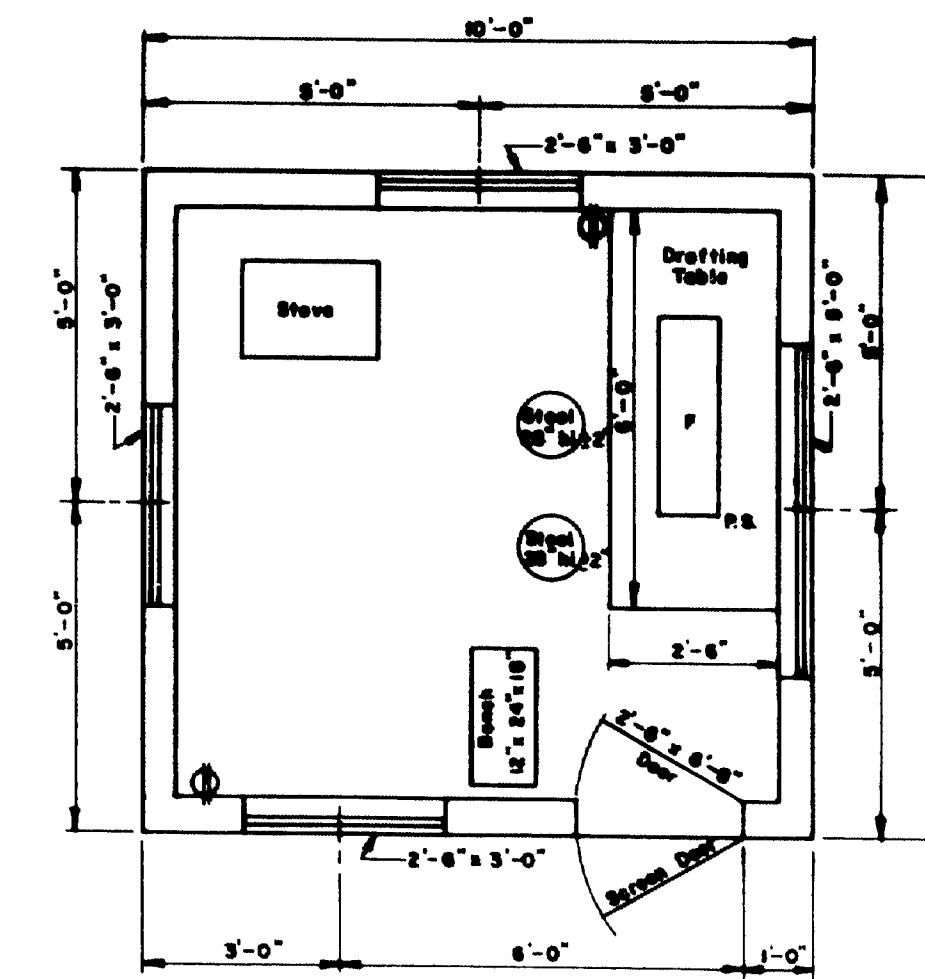




FLOOR PLAN
TYPE "A"

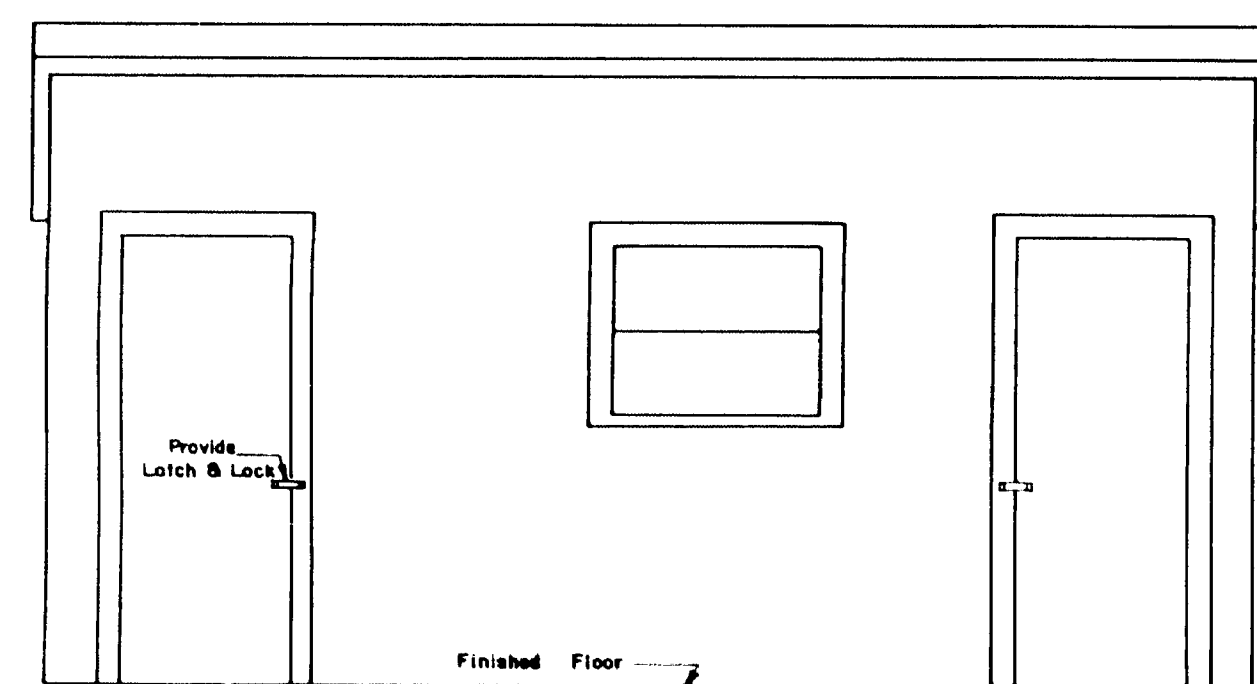


FLOOR PLAN
TYPE "B"

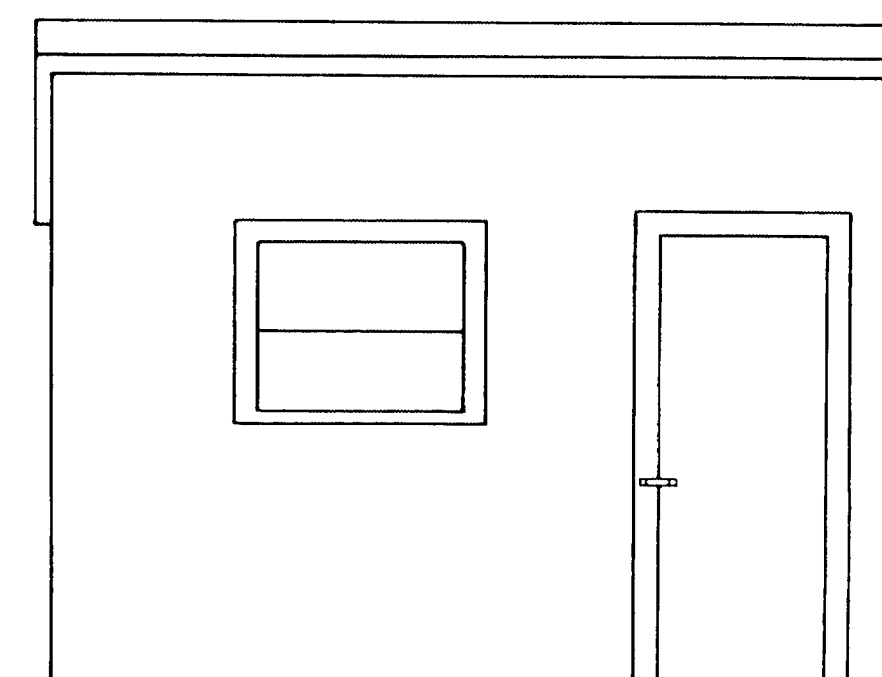


FLOOR PLAN
TYPE "C"

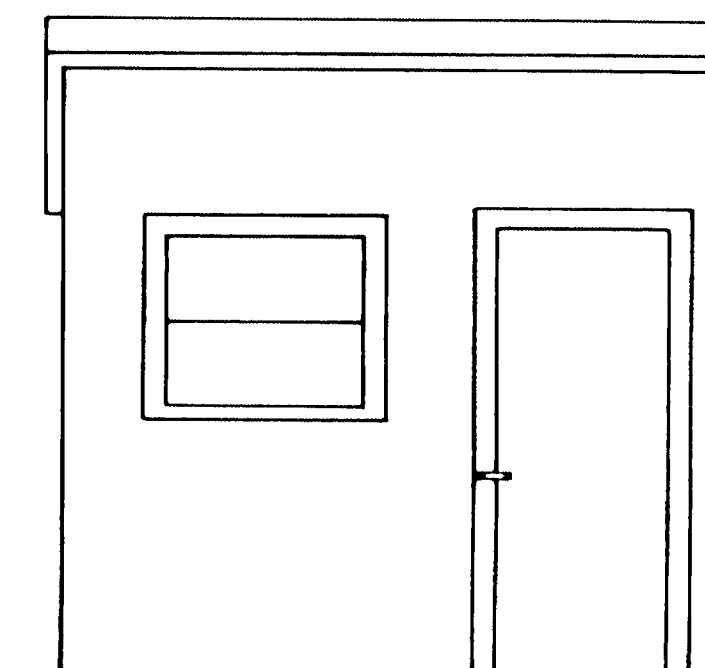
- GENERAL NOTES**
- Drafting table shall be 3'-4" high at front edge and ground 2" from studs to allow prints to hang down behind table when in use.
 - Shelves under desk shall be constructed to receive 1 1/2" x 14" x 28" transfiles.
 - Windows shall be double hung.
 - Stovepipes shall not be in direct contact with combustible material; the pipe shall be surrounded with at least 6" of fireproof material.
 - Continuous 110 volt 60 cycle electric service shall be supplied.
 - The engineer may rearrange the items shown on the plan views during construction of the field office.
 - FURNISHINGS TO BE SUPPLIED:
 - 2 Straight back chairs for types A and B
 - 1 Bench for types A, B & C
 - 3 Stools for type A
 - 2 Stools for types B & C
 - SYMBOLS:
 - F Fluorescent lights (2 light, rapid start 48" strips and 40 watt bulbs)
 - P.S. Pull switch
 - ⊕ Duplex wall outlet—15 amp unless otherwise noted.
 - ⊕ Triplex Wall Outlet
 - For the Type "A" Field Office one clean 55 gal. drum shall be supplied, installed on a suitable rack and equipped with a spigot suitable for drawing off water. The drum shall be furnished with water at all times.



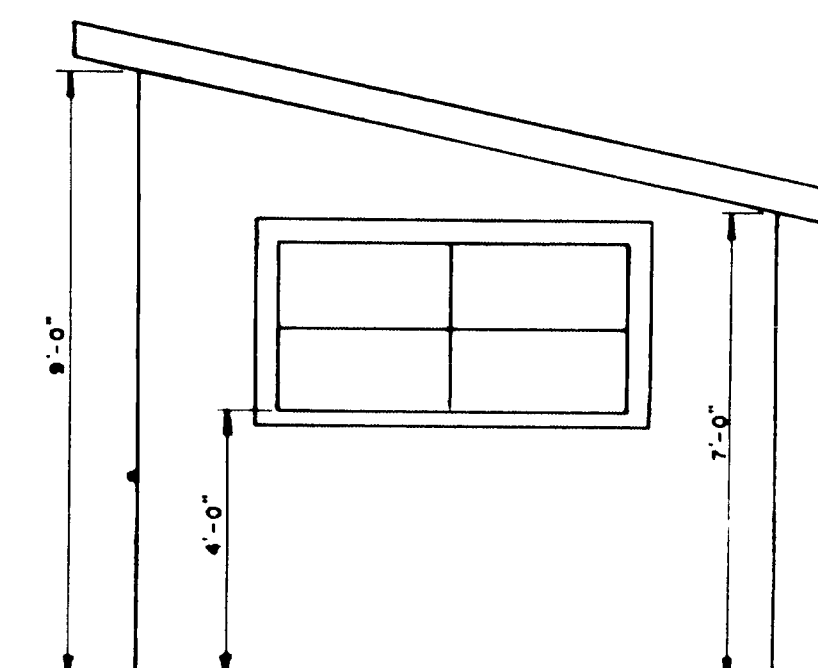
FRONT ELEVATION
TYPE "A"



FRONT ELEVATION
TYPE "B"



FRONT ELEVATION
TYPE "C"



SIDE ELEVATION
TYPES "A" "B" & "C"

REVISIONS		MAINE STATE HIGHWAY COMMISSION AUGUSTA, MAINE	
		STANDARD DETAILS	
		FIELD OFFICES TESTING LABORATORY	
		AUG. 1965	

