

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7C29	11	68

ESTIMATE OF BRIDGE QUANTITIES

DESCRIPTION	QUANTITIES
Earth Excavation	155 c.y.
Structural Earth Excavation, Abutments & Retaining Walls	125 c.y.
Structural Earth Excavation, Piers	240 c.y.
Granular Borrow	450 c.y.
Gravel Base Course - In Place Measurement	190 c.y.
Bituminous Concrete Surface Course, Type "A"	95 tons
Portland Cement Concrete, Abutments & Retaining Walls	196 c.y.
Portland Cement Concrete, Piers	185 c.y.
Portland Cement Concrete, Roadway & Sidewalk Slabs on SH Bridges	293 c.y.
Portland Cement	1010 bbl.
Structural Steel, Fabricated & Delivered	238,700 lbs.
Structural Steel, Erection	238,700 lbs.
Bronze or Copper-Alloy Bearing & Expansion Plates, Delivered	178 lbs.
Bronze or Copper-Alloy Bearing & Expansion Plates, Placing	178 lbs.
Reinforcing Steel, Delivered	91,460 lbs.
Reinforcing Steel, Placing	91,460 lbs.
Shear Connectors	L.S.
Steel H-Beam Piles, 42 lbs per foot	10151 f.
Structural Steel, Field Painting	238,700 lbs.
Aluminum Rail	545 l.f.
Membrane Water-proofing	875 s.y.
Slope Paving	455 s.y.
Granite Bridge Curb	560 l.f.

SPECIFICATIONS

DESIGN: A.A.S.H.O. Standard Specifications For Highway Bridges 1961 and interim revisions.

CONTRACT: State of Maine, State Highway Commission, Standard Specifications for Highway and Bridges, Revision of Jan. 1956, and Supplemental Specifications.

LIVE LOADING: H20-S16-M

ALLOWABLE STRESSES:

Structural Steel ASTM Designation A36 - $f_s = 20,000$ p.s.i.
Structural Steel ASTM Designation A7 - $f_s = 18,000$ p.s.i.
Intermediate Grade Reinforcing Steel - $f_s = 20,000$ p.s.i.
Concrete ($n=10$) - $f_c = 1200$ p.s.i.

CONCRETE CLASSIFICATION:

All Concrete - Class "A"

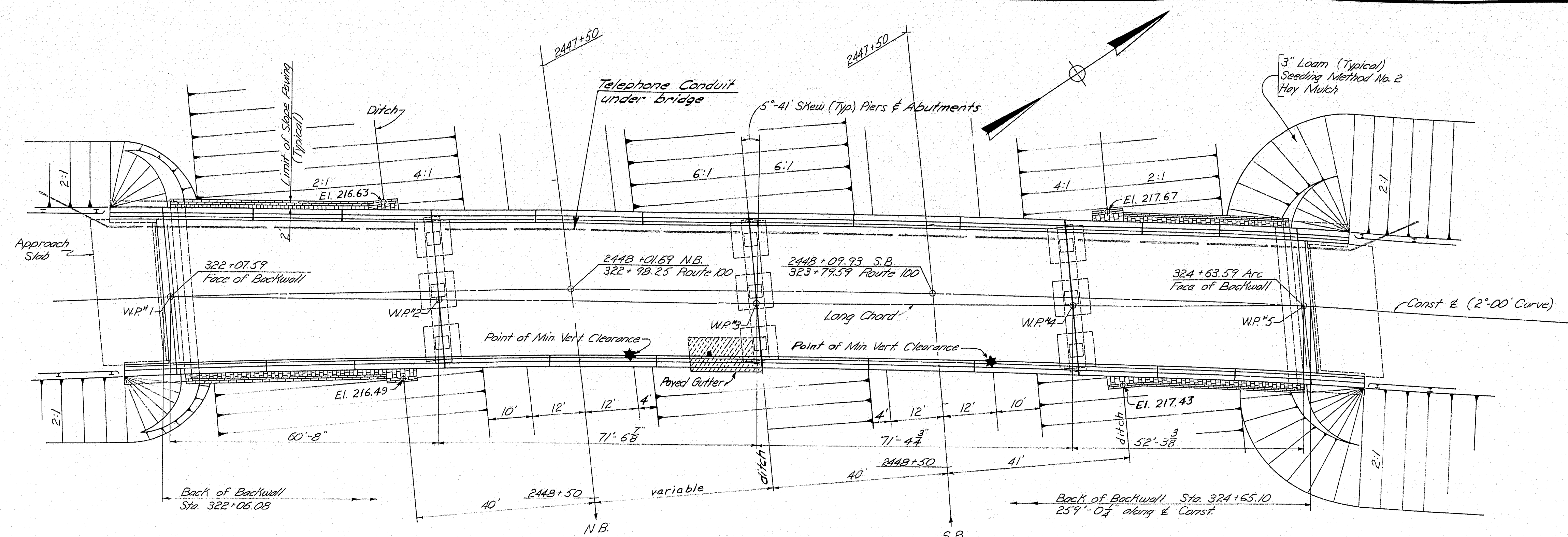
TRAFFIC

A.D.T. - 1962 - 2565
A.D.T. - 1982 - 3495
D.H.V. - 419
T - 11%
D - 60%
V - 60 m.p.h.

DESIGN - CORPIN	DET - F.B.A.	BRIDGE NO.
TRACE - R.G.G.		SURVEY -
CHECK - DRESELLEY		PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
ROUTE NO. 100 BRIDGE OVER		
INTERSTATE NO. 95 IN THE TOWN OF		
PALMYRA, SOMERSET COUNTY		
GENERAL PLAN		

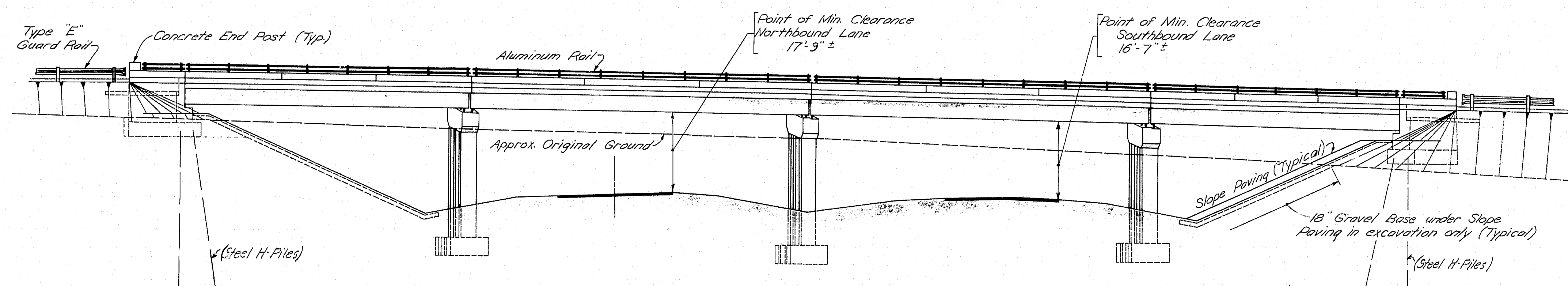
SHEET 1 OF 15 AUGUSTA, MAINE June 1962

M-1895



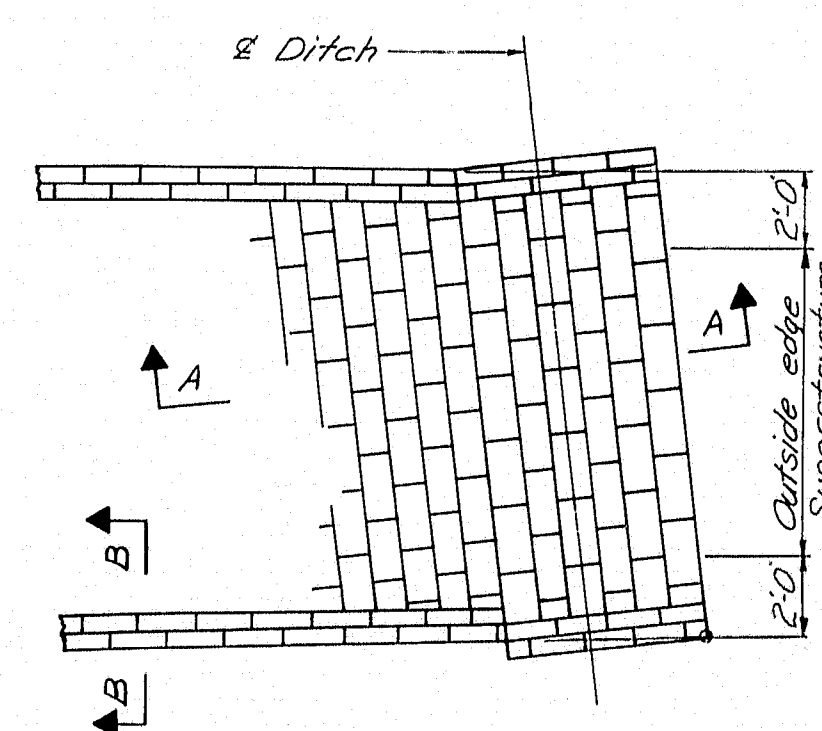
PLAN

Scale 1"=15'



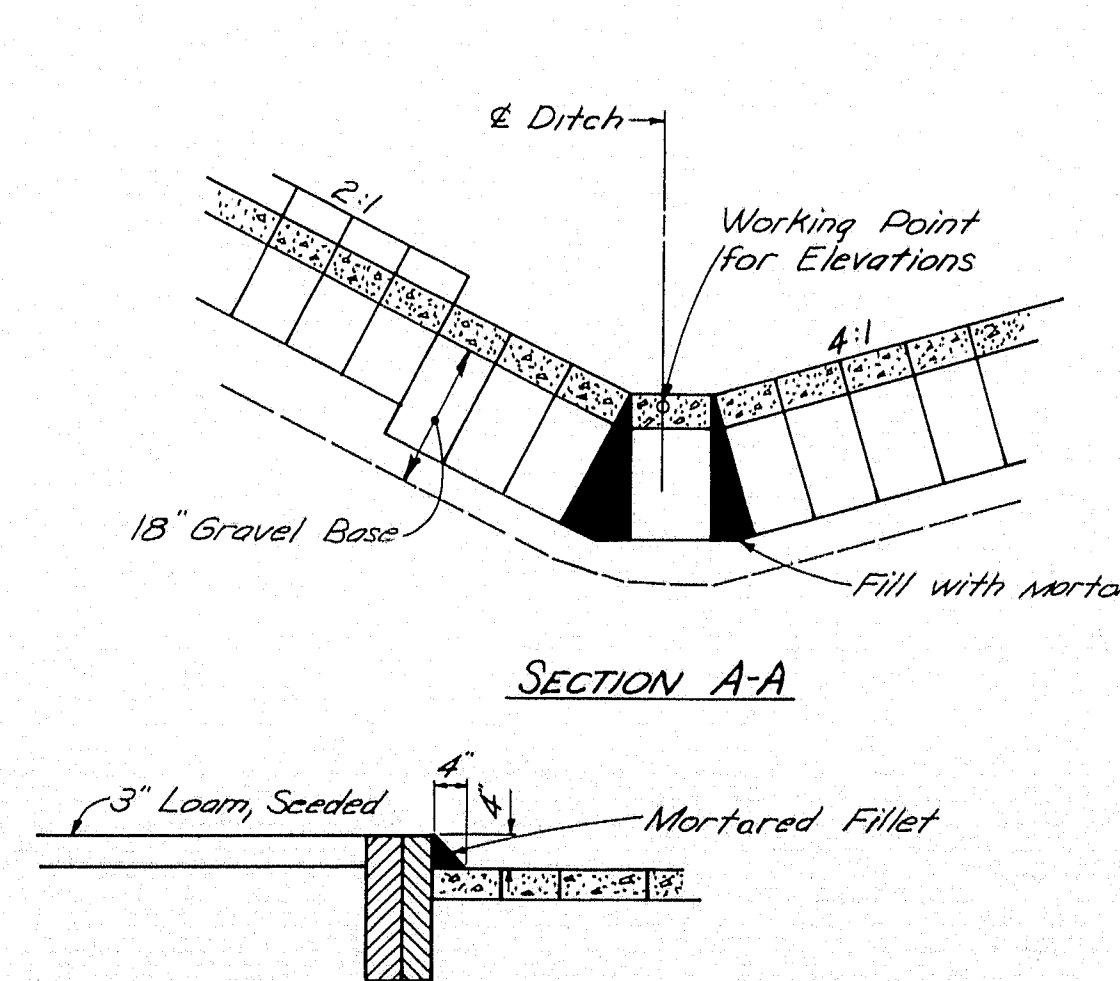
ELEVATION

Scales - Vert. & Horiz. 1"=15'



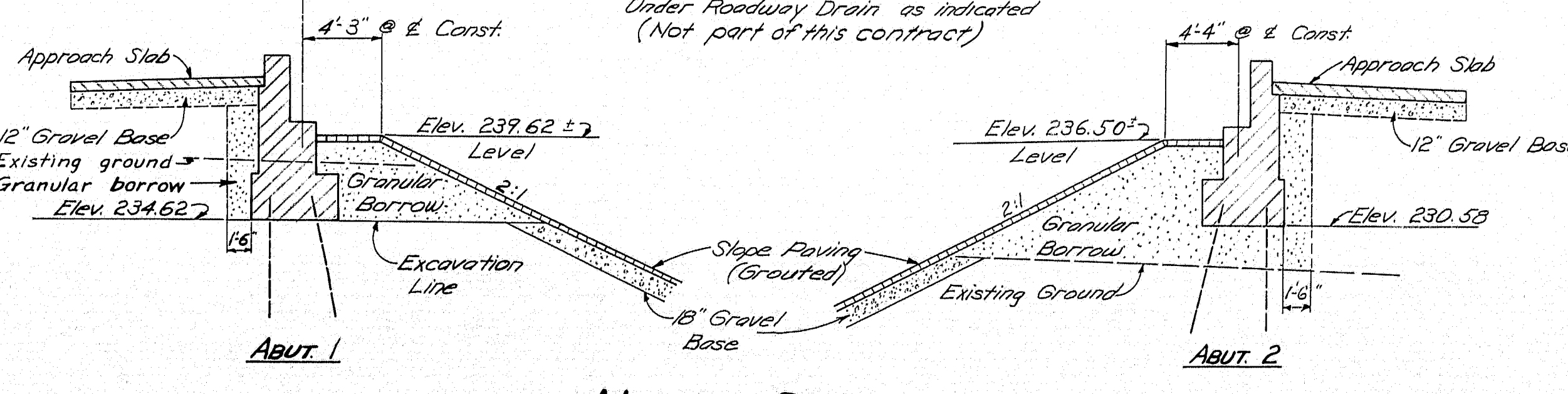
SLOPE PAVING

The 15" Gravel Base under Slope Paving may be reduced or omitted if in the opinion of the Engineer the existing material is suitable. Payment for Excavation for Gravel Base under Slope Paving is to be made under Item 203-7, Earth Excavation.



SECTION A-A

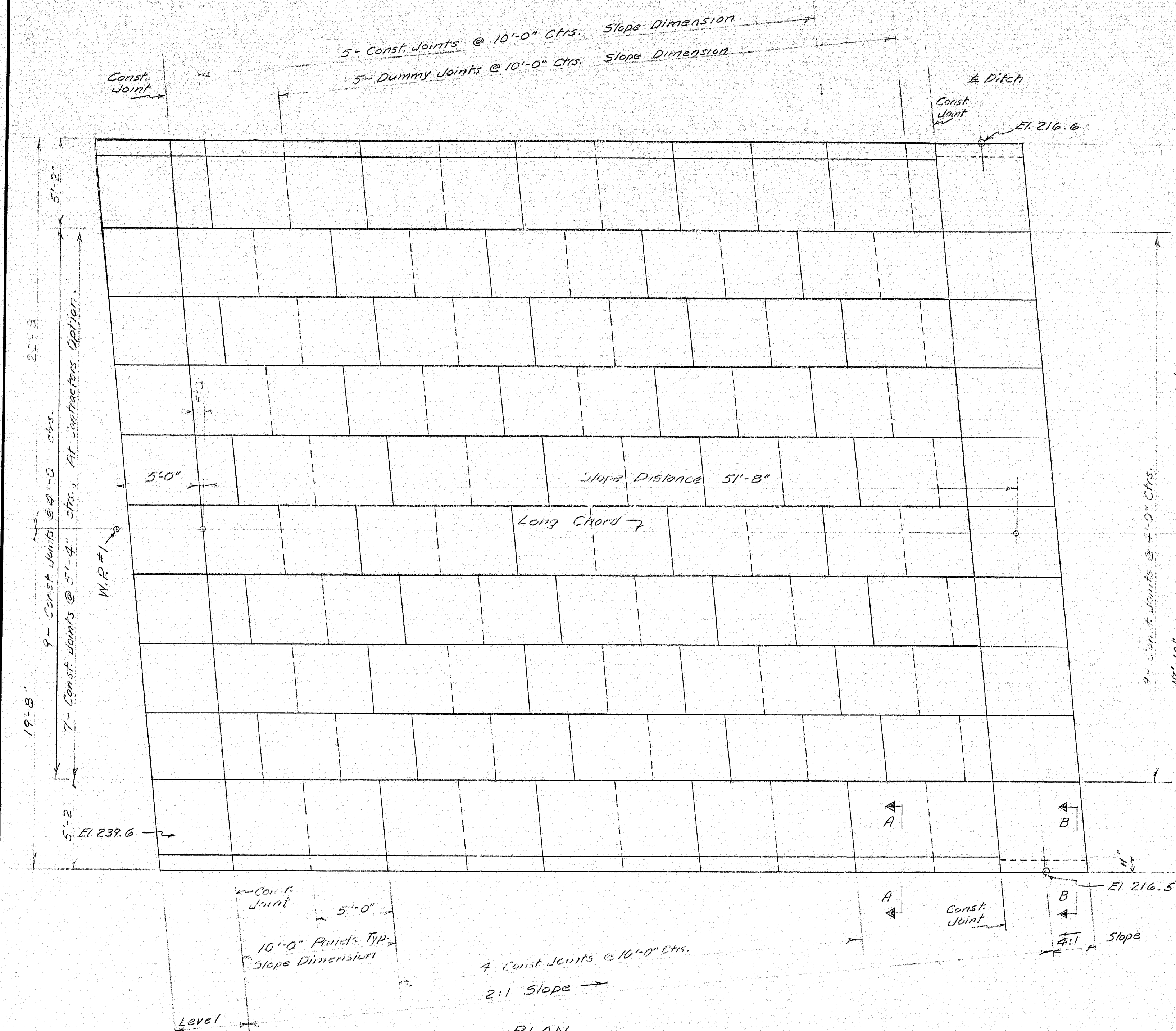
SECTION B-B



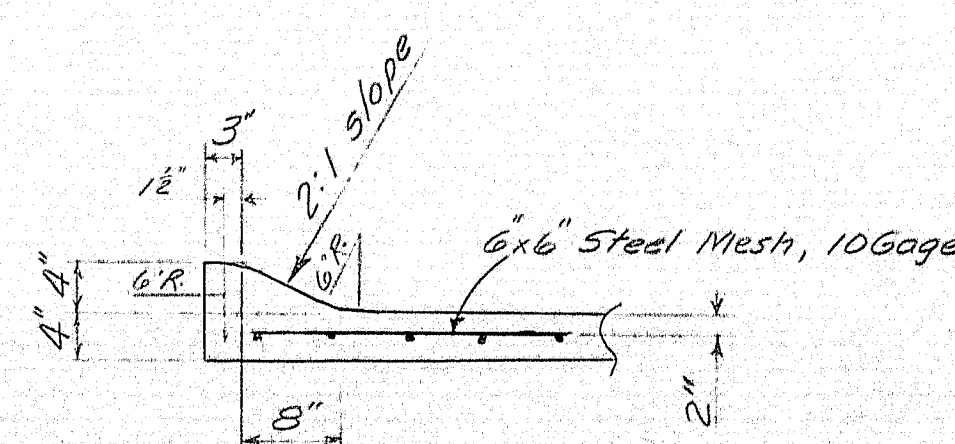
NORMAL SECTIONS

(Perpendicular to Abutments)

At Abut. 2 place Granular Borrow to El. 230.58 before driving pile. No stones to be larger than 6" in area where piles are to be driven.

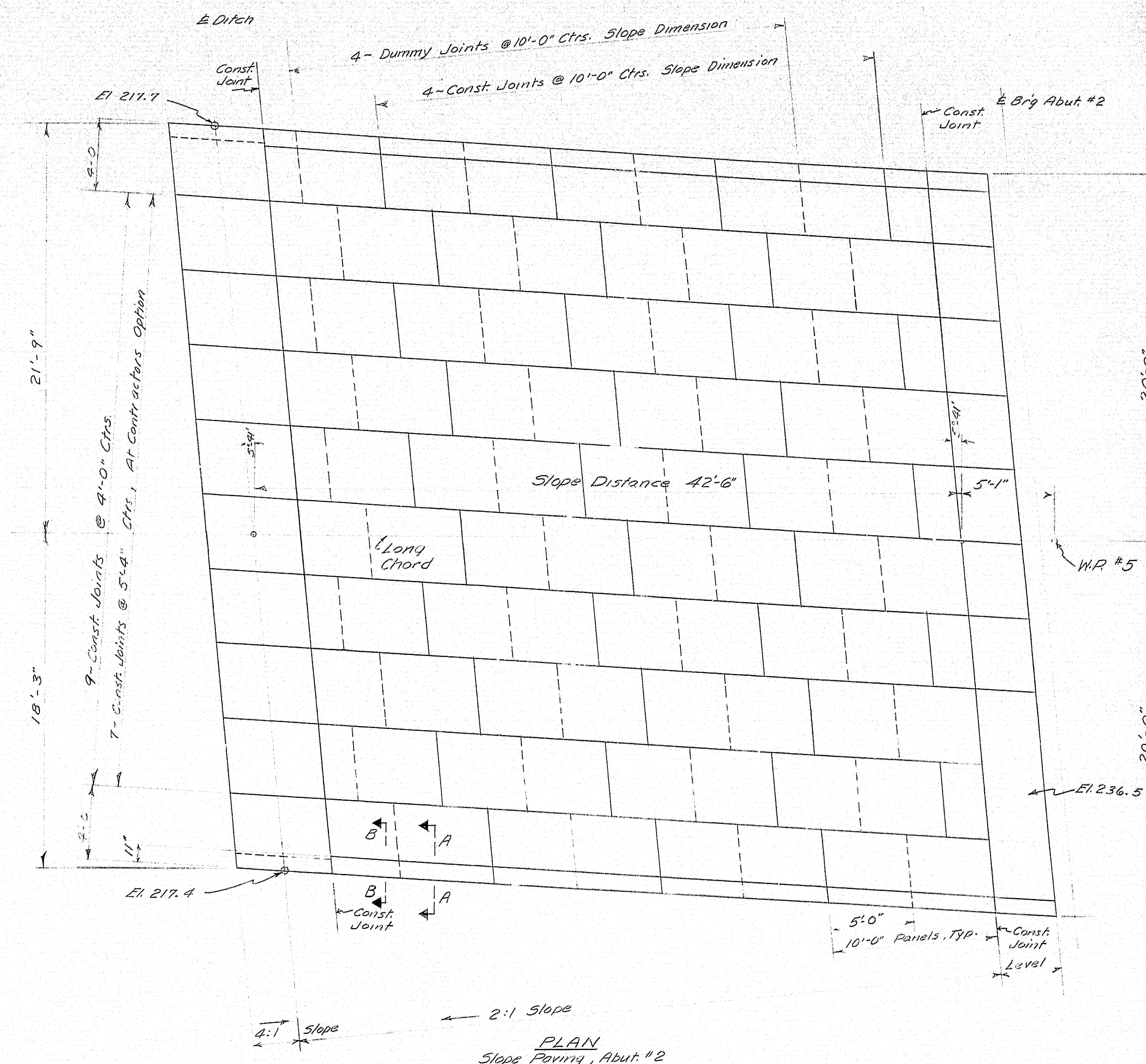


PLAN
Slope Paving, Abut #1

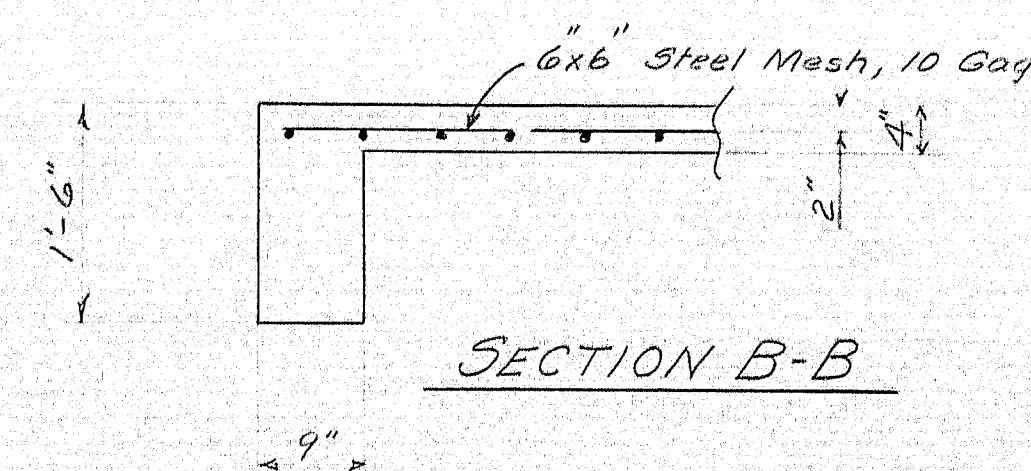


SECTION A-A

NOTES
Break bond at joints with a coat of Asphalt Paint.
Reinforce with 10 gauge 6x6 Steel Mesh, m.p. to panels through Const. Joints.
At Contractors Option, section of the same strip may be cast in order, bond will be broken between adjoining sections with a 1/4" layer of Performed Expansion Joint Filler.



PLAN
Slope Paving, Abut #2



SECTION B-B

DESIGN - A.R.S.
TRACE -
CHECK - T.H.K.

BRIDGE NO.
SURVEY -
PLOT -

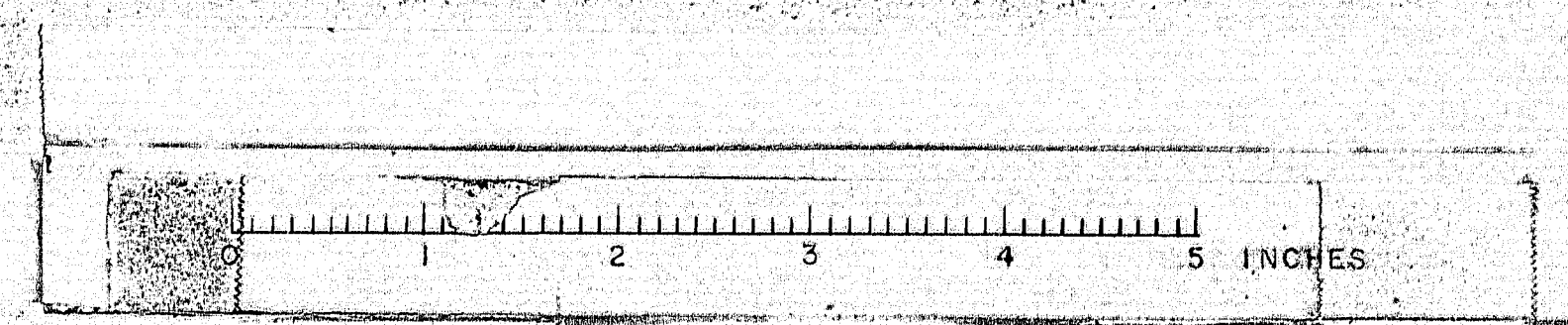
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

ROUTE NO. 100 BRIDGE
OVER

INTERSTATE NO. 95
IN THE TOWN OF
PALMYRA, SOMERSET COUNTY

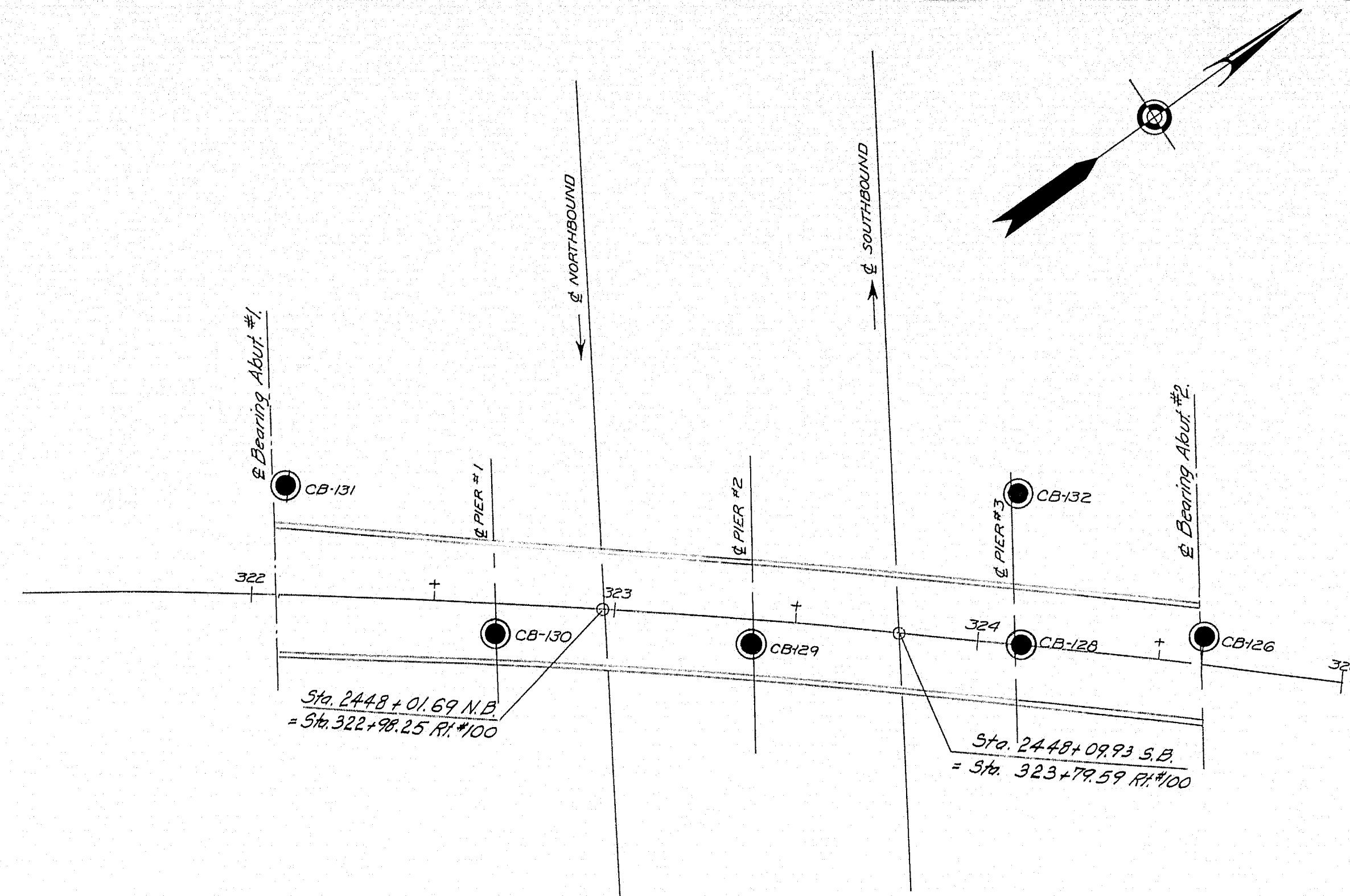
SLOPE PAVING

SHEET 2A OF 15 AUGUSTA, MAINE MAY 1963

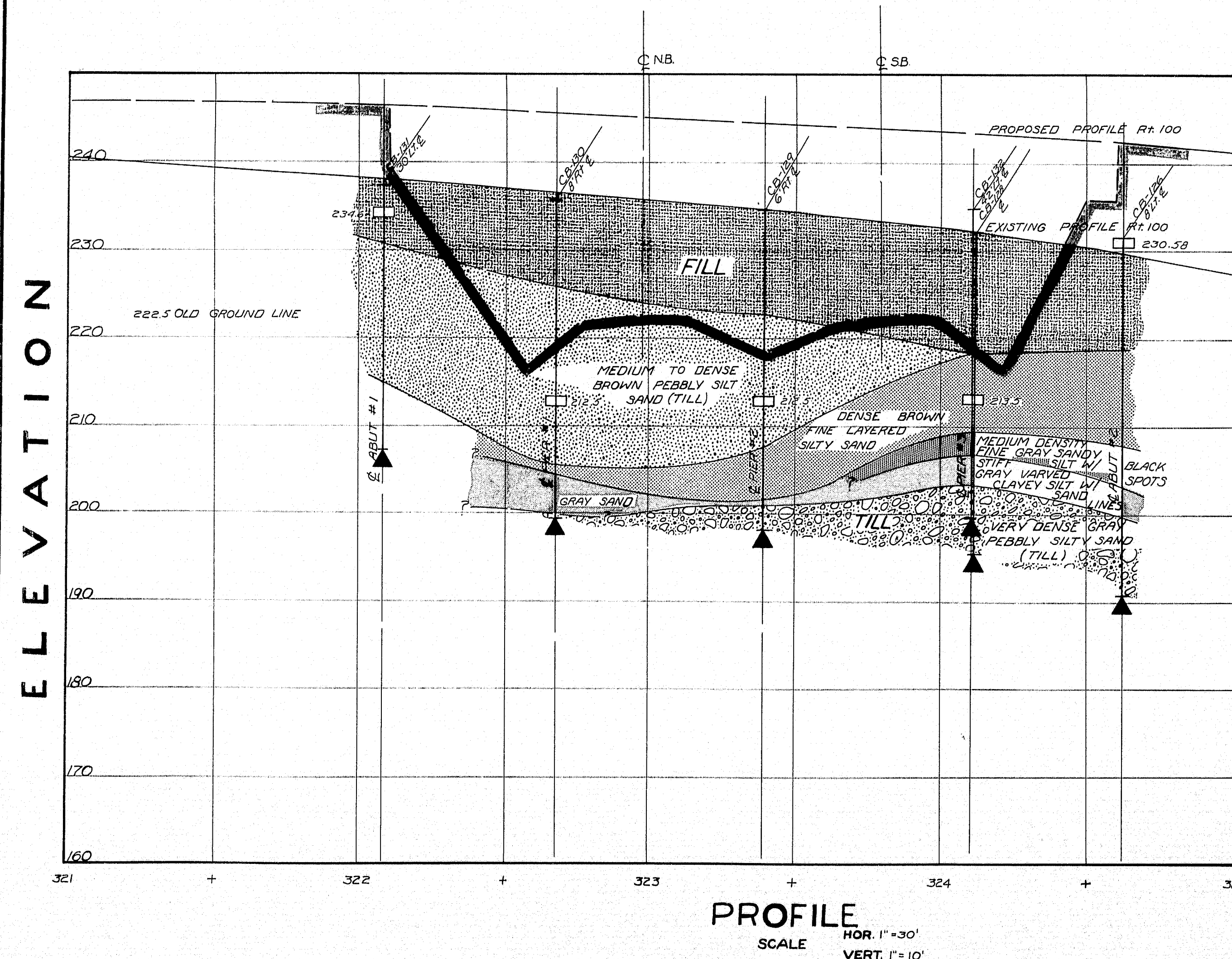


DRIVING RESISTANCE

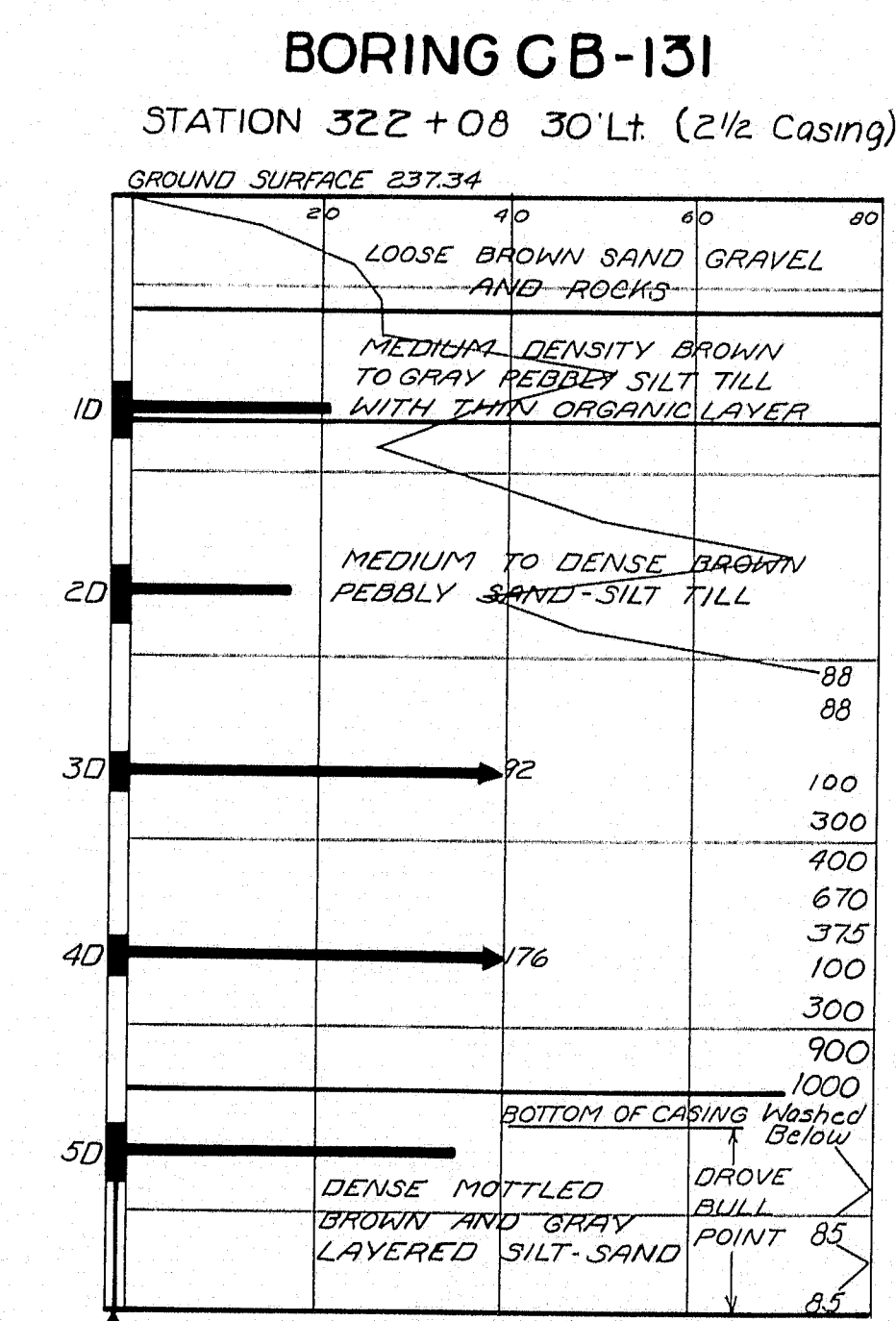
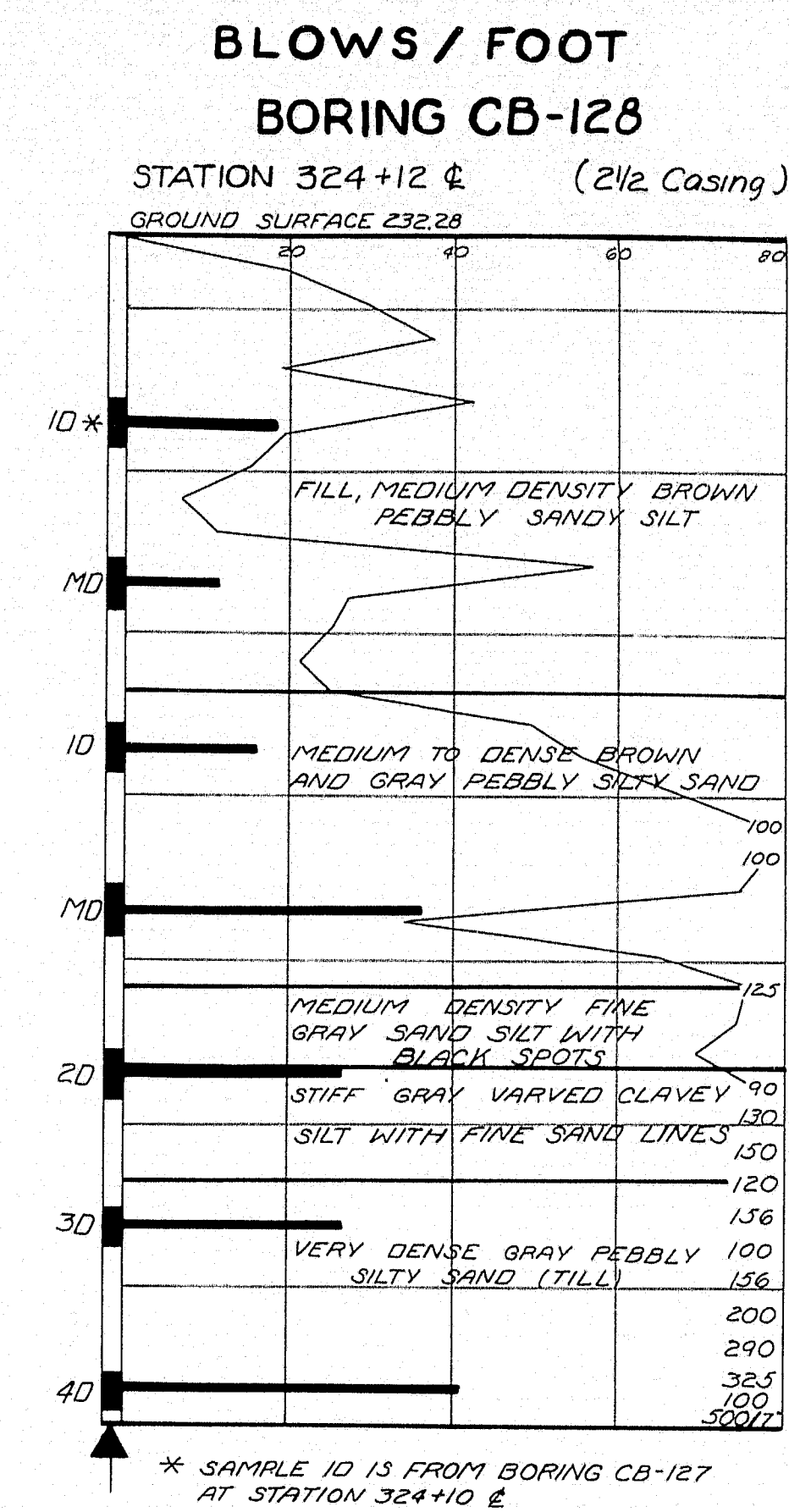
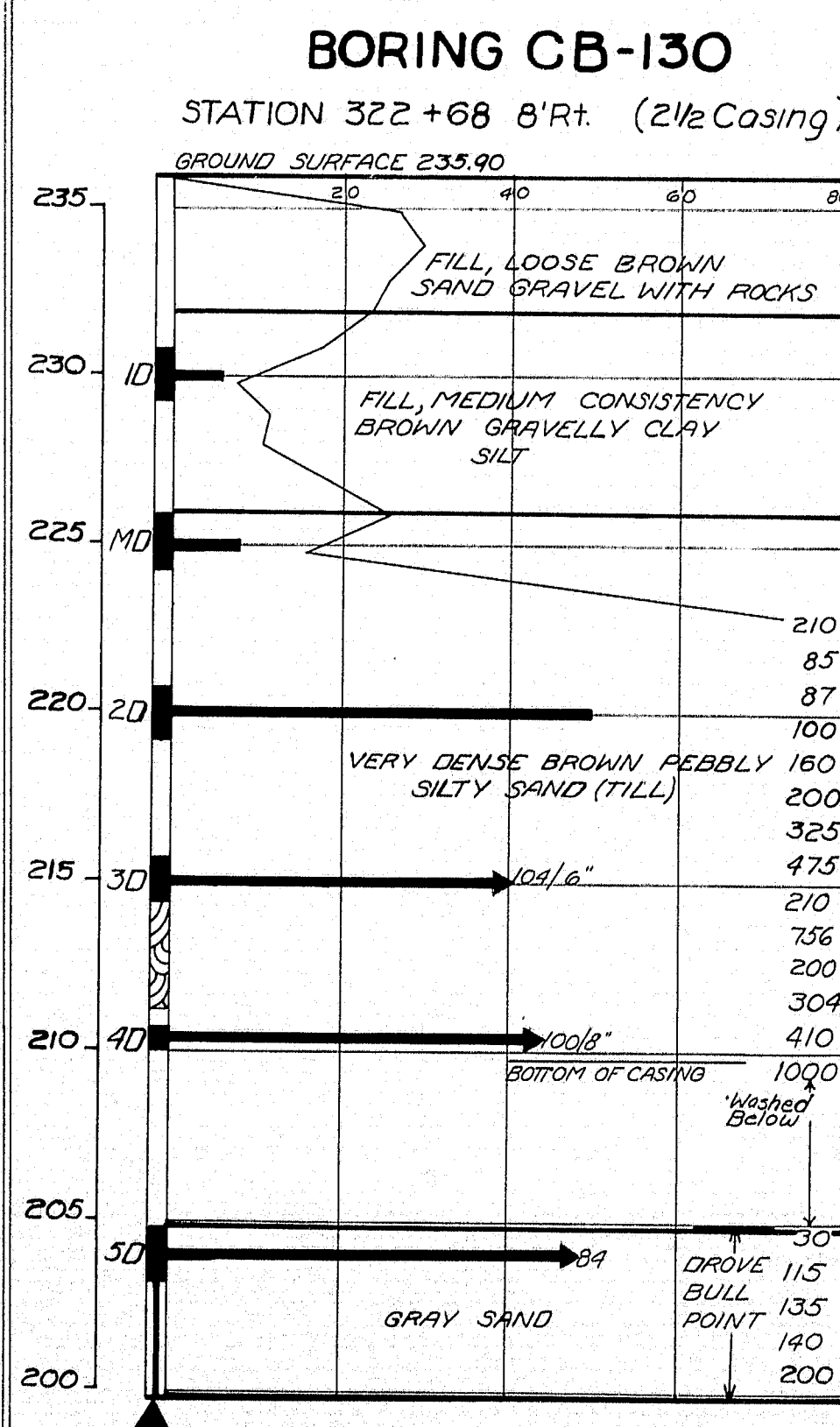
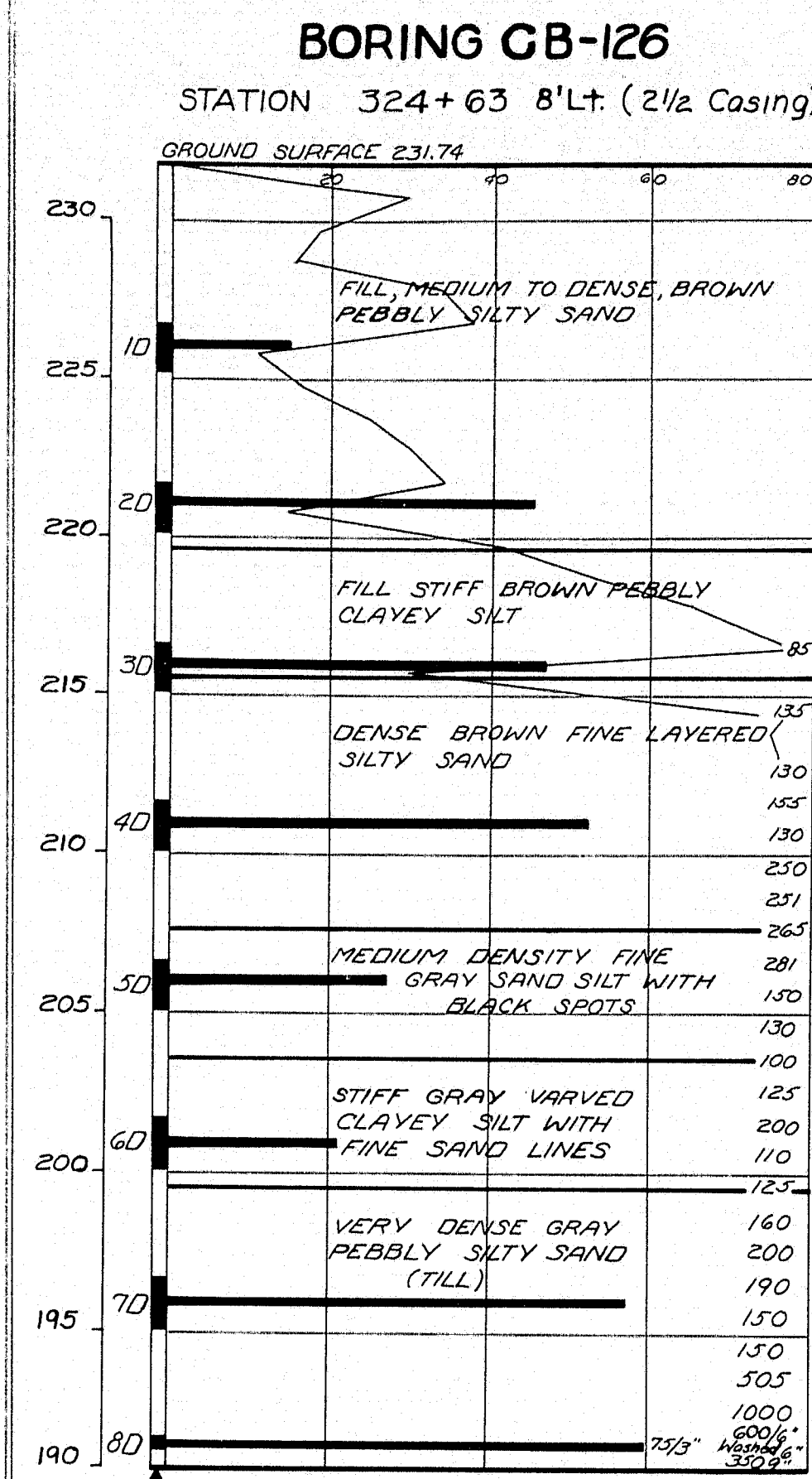
D. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7127	12	68



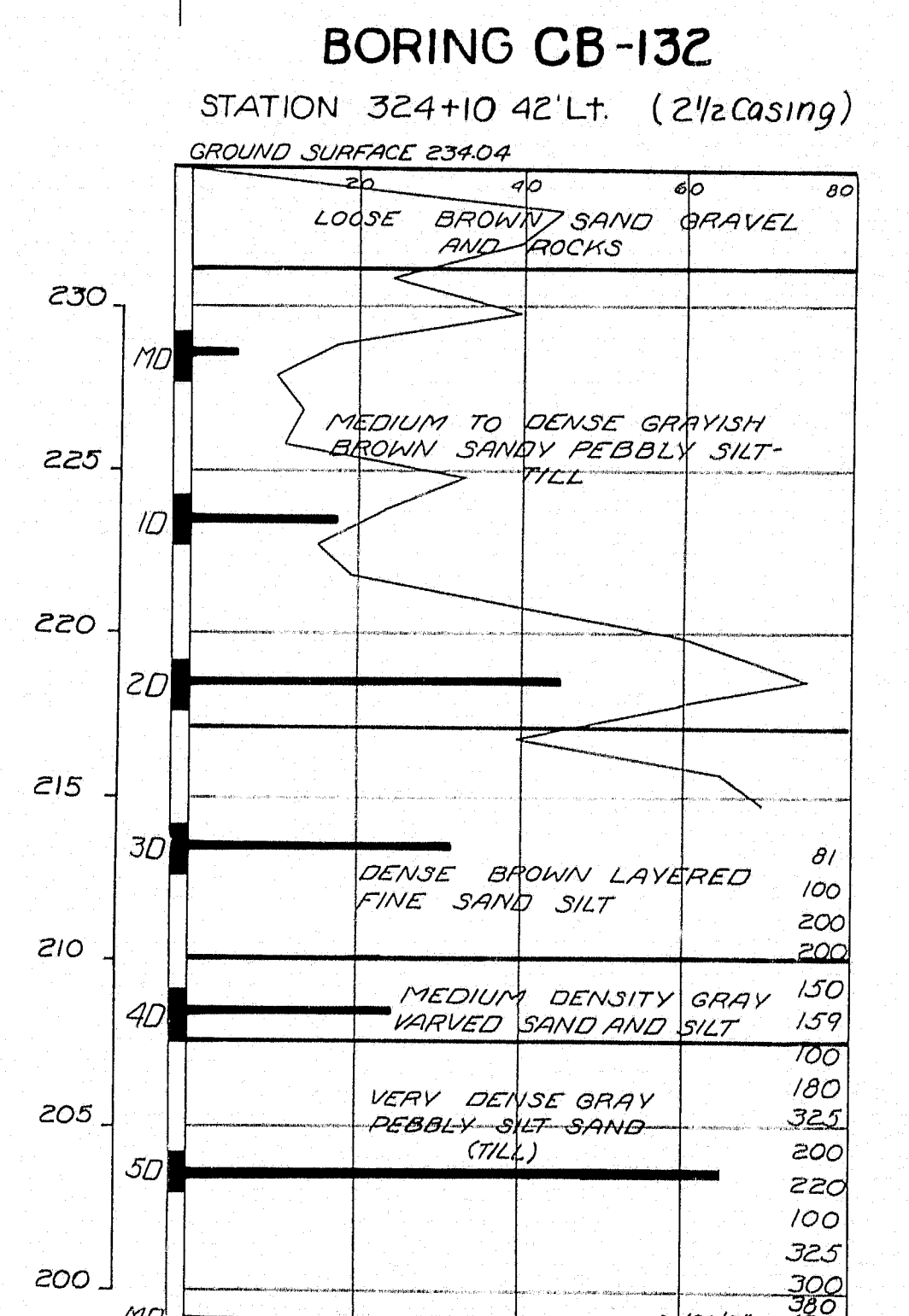
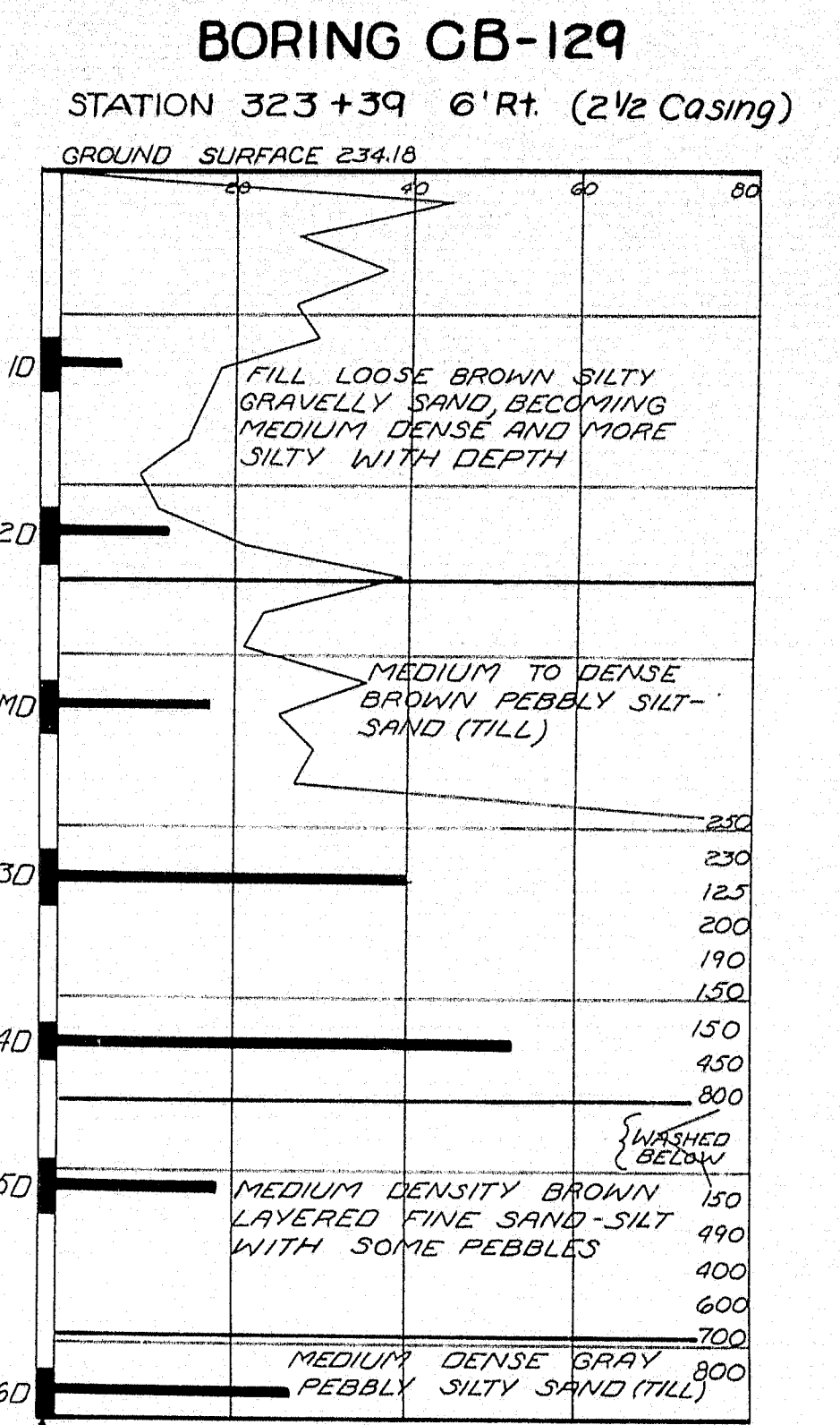
PLAN
SCALE 1"=30'



PROFILE
SCALE HOR. 1"=30'
VERT. 1"=10'

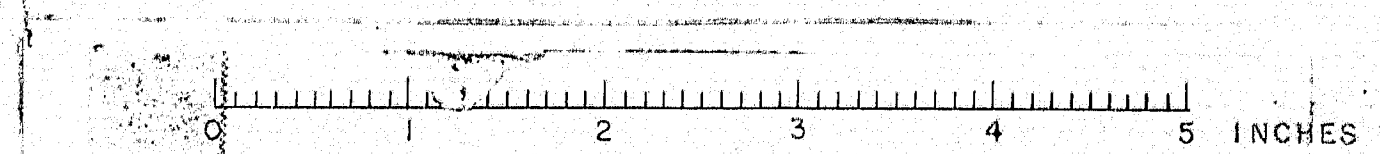


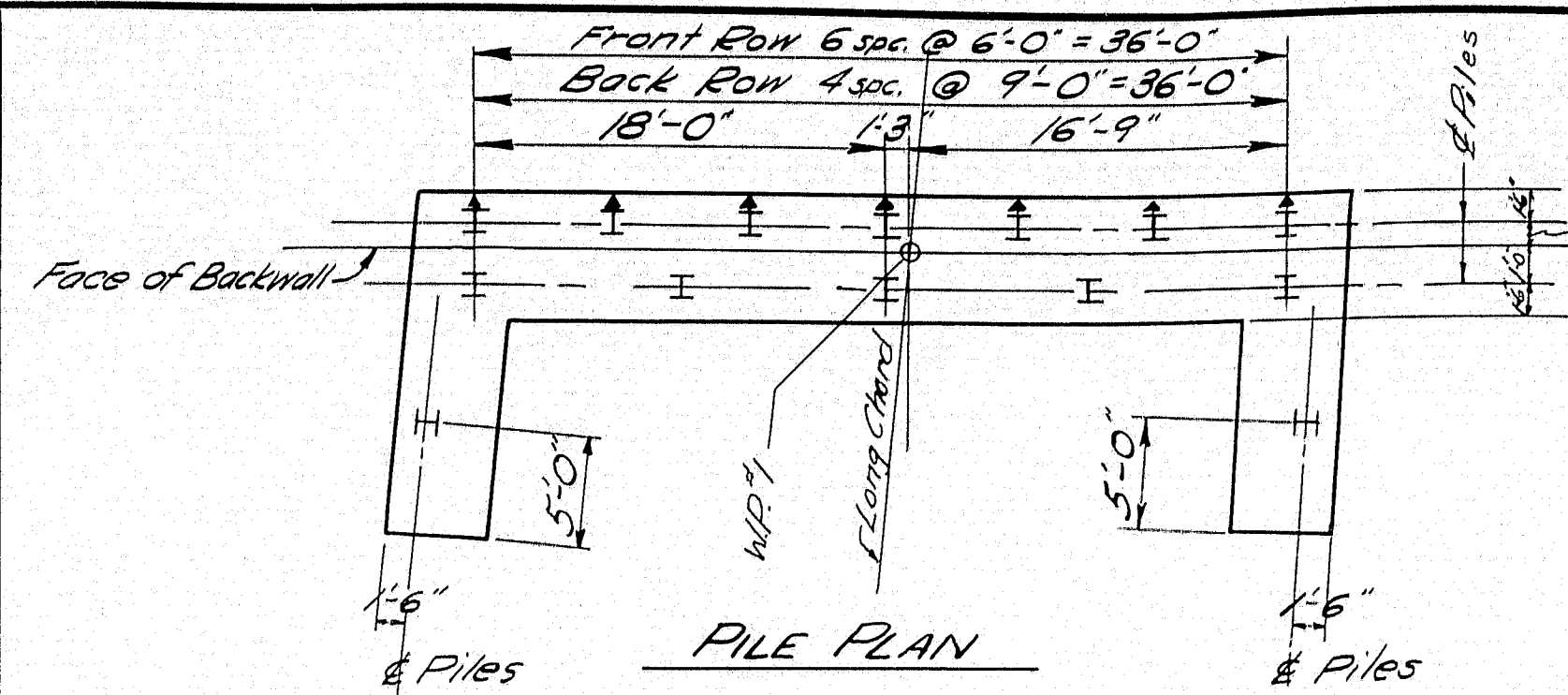
BORING NOTES
ALL SAMPLES AND VANS ARE MADE AHEAD OF CASING NUMBER OF BLOWS REQUIRED TO DRIVE EXTRA HEAVY CASING ONE FOOT WITH 400FY. LBS. OF ENERGY PER BLOW LOCATION OF SAMPLE OR SAMPLE ATTEMPT NUMBER AND TYPE OF DRY SAMPLE
UNSUCCESSFUL SAMPLE ATTEMPT AND TYPE OF SAMPLER NUMBER OF BLOWS REQUIRED TO DRIVE SPOON OR TUBING ONE FOOT WITH 350FY. LBS. OF ENERGY PER BLOW BOTTOM OF BORING (MAY NOT BE BOTTOM OF SOIL STRATA)



DESIGN - ☒ Soils Division
TRACE - ☒
CHECK - ☒
BRIDGE NO. SURVEY - ☒
PLOT - ☒
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
ROUTE NO. 100
OVER
INTERSTATE NO. 95
IN THE TOWN OF
PALMYRA
SOMERSET COUNTY
FOUNDATION SURVEY
SHEET 2 OF 15 AUGUSTA, MAINE June 1962

M-1897





PILE NOTES

All piles to be 10BP42.

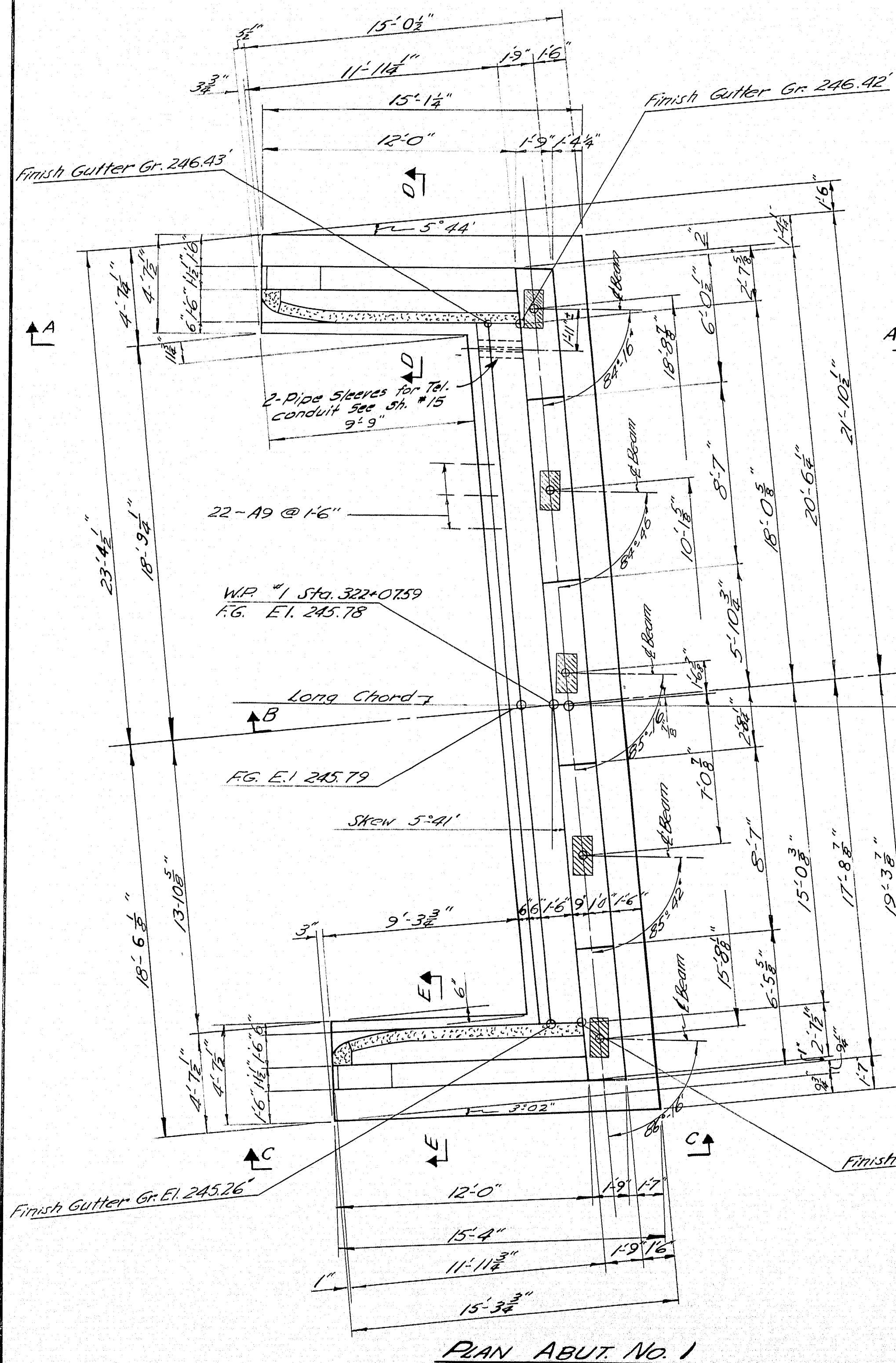
Piles indicated thus $\uparrow$ batter $2\frac{1}{2}''/ft$ in the direction indicated by the arrow.

Max. pile load 37 tons.

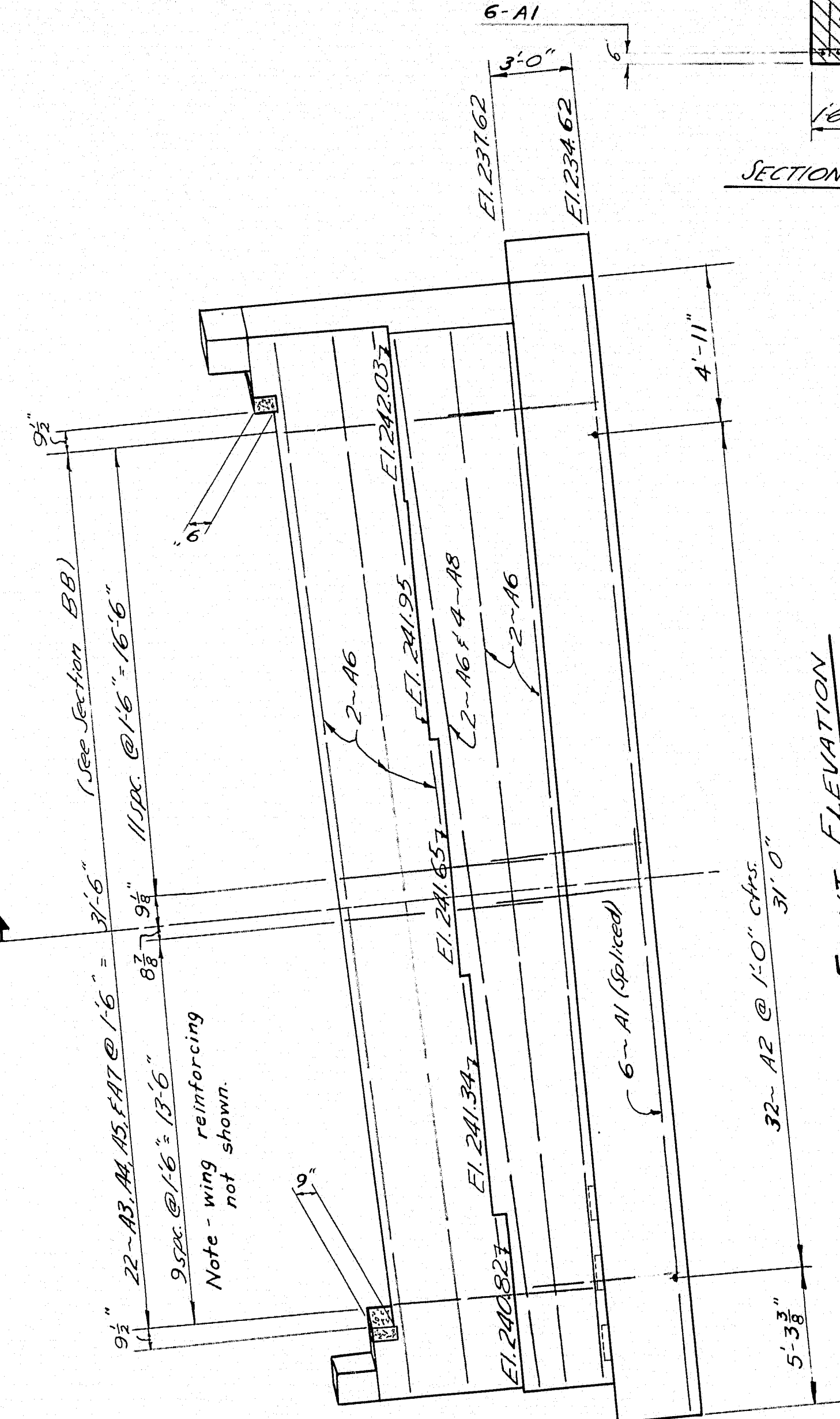
Estimated pile length 25 feet.

14 Pile required with caps.

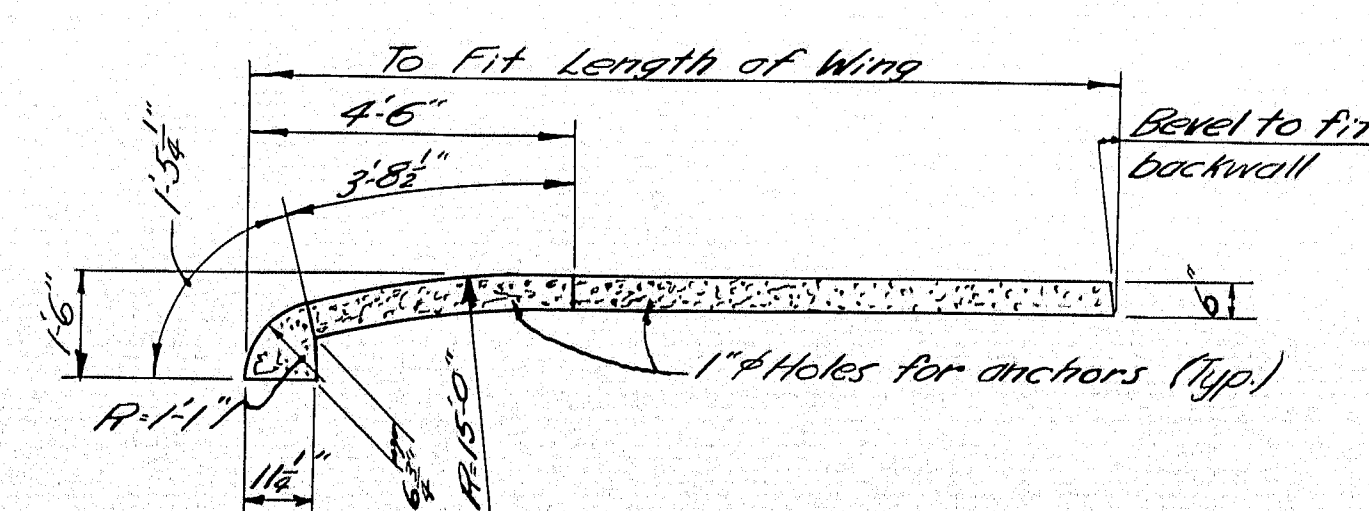
See Sheet No. 4. for pile cap detail.



PLAN ABUT. NO. 1



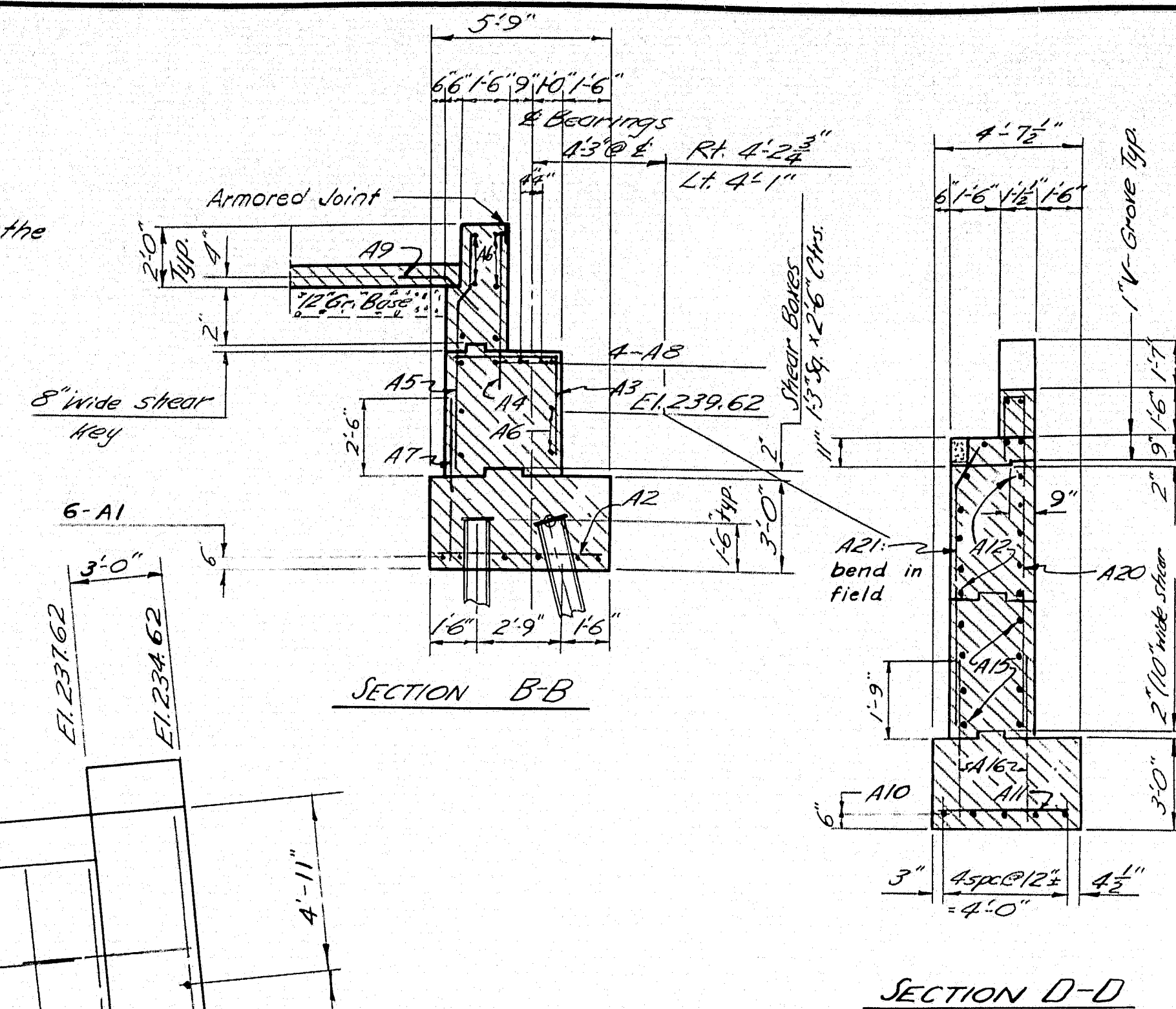
FRONT ELEVATION



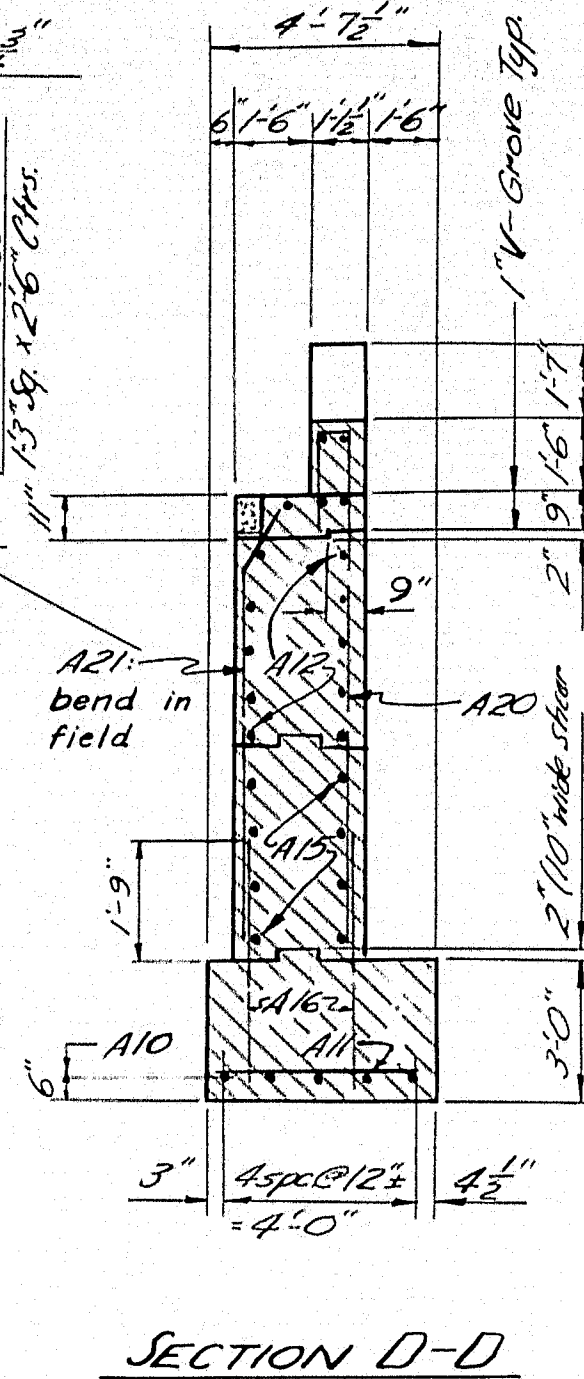
GRANITE CURB LAYOUT

Required at each abutment - 1 as shown, 1 opp. hand.

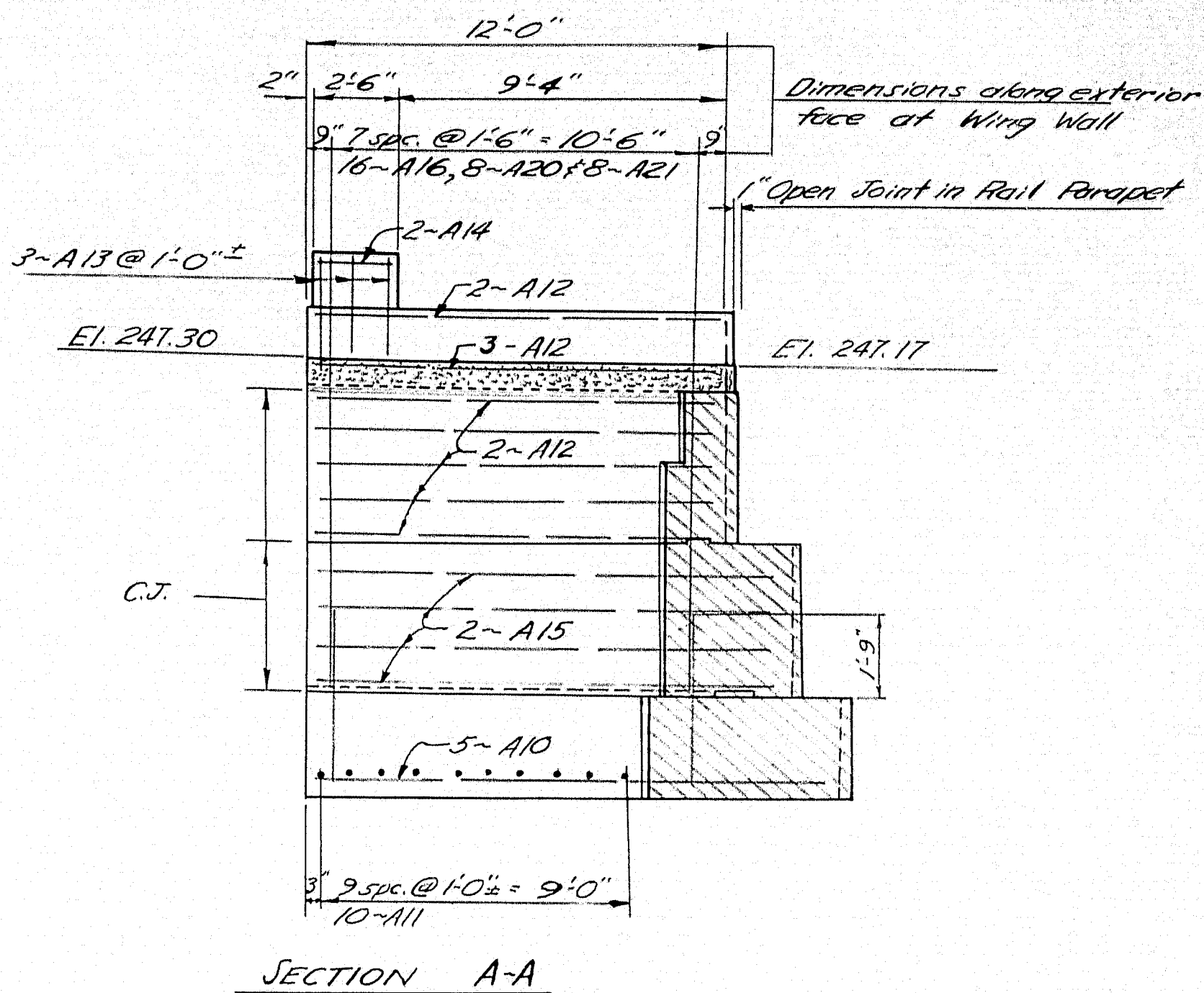
Note: Payment for Circular Granite Bridge Curb to be made under Item 901-21, Granite Bridge Curb.



SECTION B-B

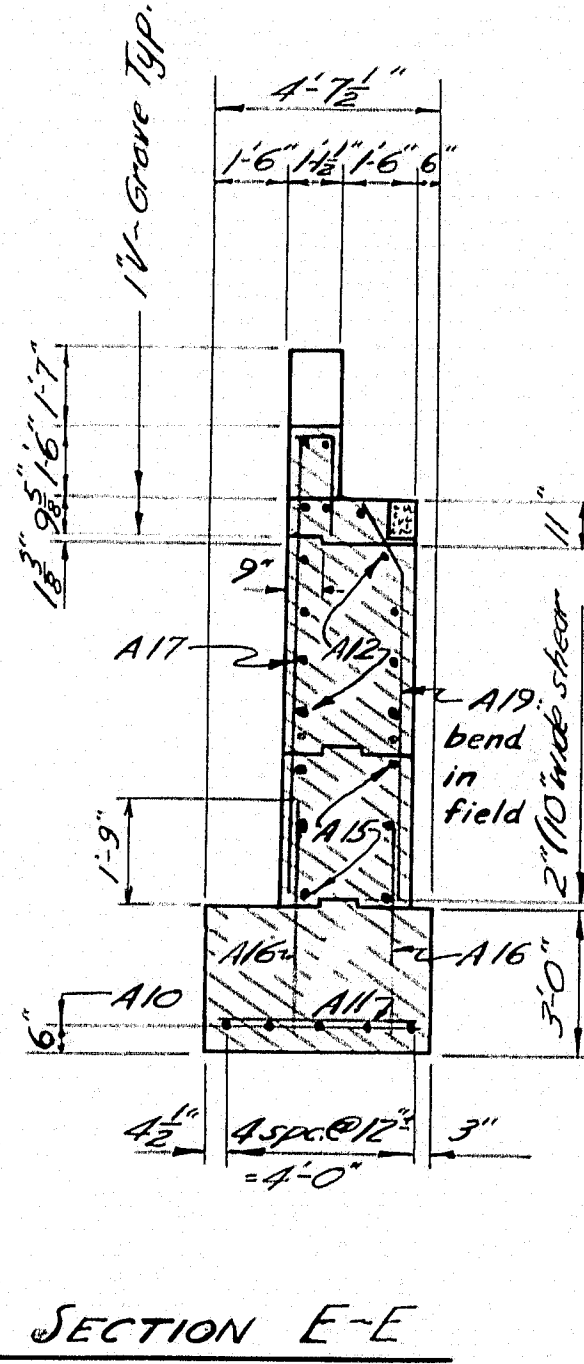


SECTION D-D

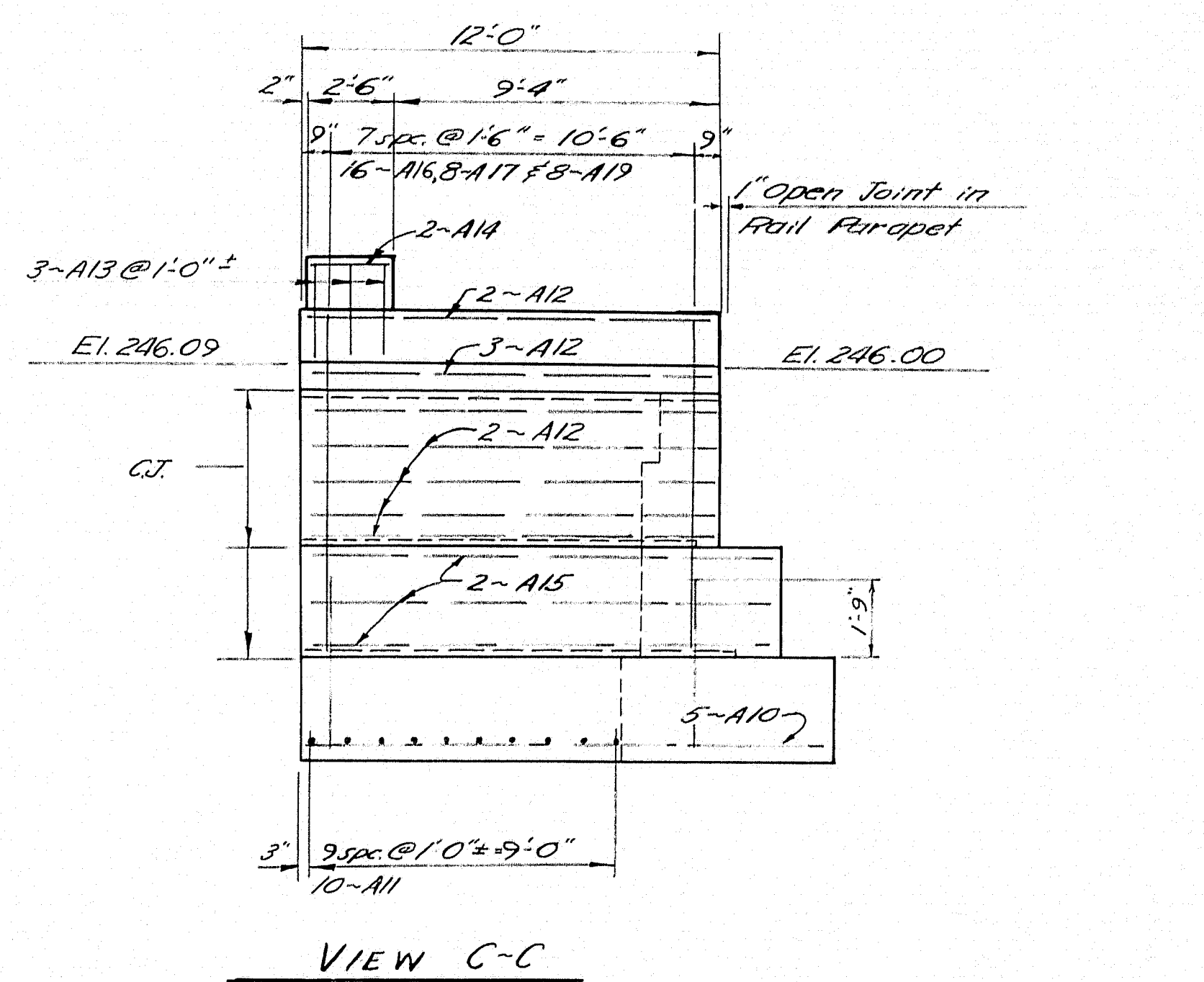


SECTION A-A

Note: Wing piles and abutment reinforcing not shown in Sections A-A, D-D, E-E, and View C-C.



SECTION E-E



VIEW C-C

GENERAL NOTES

- 2" clear to reinforcing except as noted.
- Dress shaded bearing areas on bridge seats 1" larger all around than masonry plates and to exact elevations shown.
- Aluminum bridge railing not shown.
- References:
 - a. Aluminum Rail 5/8" 14
 - b. Reinforcing Steel 5/8" 15
 - c. Granite Curb Detail 5/8" 14
 - d. Armored Joint Detail 5/8" 8 1/2" 10
 - e. Fill @ Abuts. 5/8" 1
- Anchor bolts for aluminum railing to be in place before concrete for rail parapet is placed.
- Reinforcing steel to be placed to clear piles.

7. Caulk around edges of masonry plates with an approved caulking material. Payment for this work shall be incidental to the contract items. Typical for abutments and piers.

DESIGN - Darity
TRACE - Luen
CHECK - Braselley

BRIDGE NO. 100
SURVEY -
PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

ROUTE NO. 100 BRIDGE

OVER

INTERSTATE NO. 95

IN THE TOWN OF

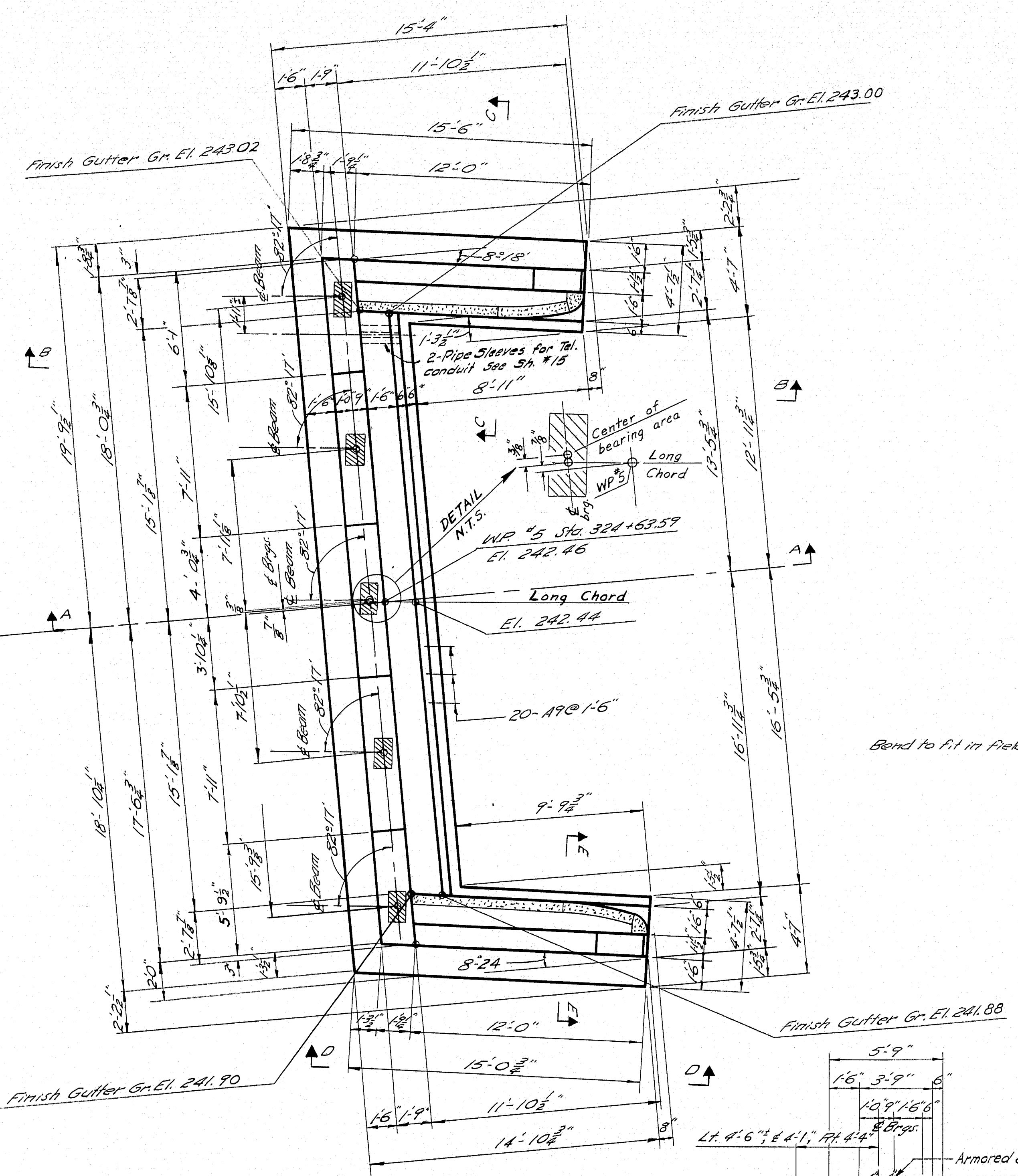
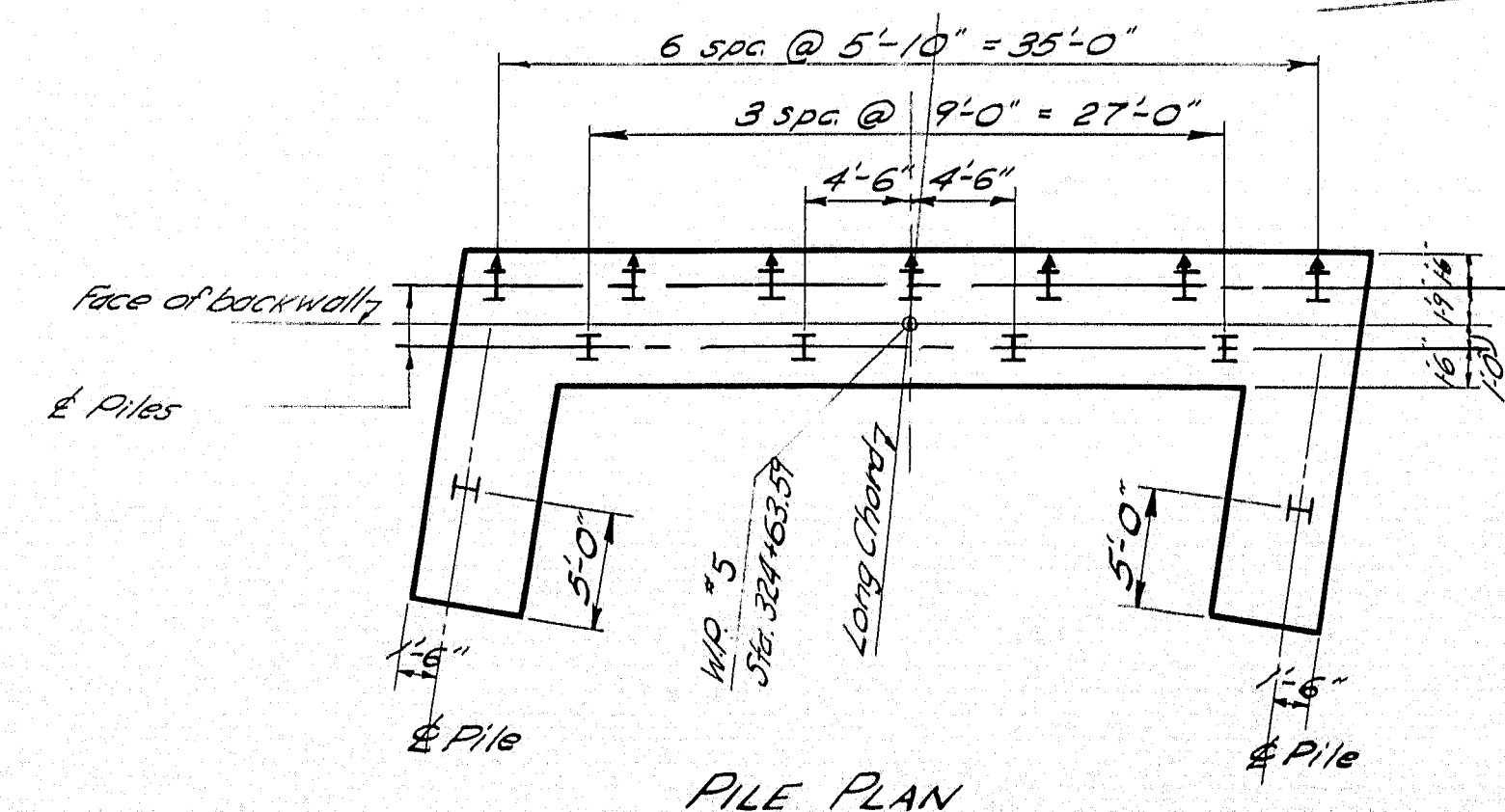
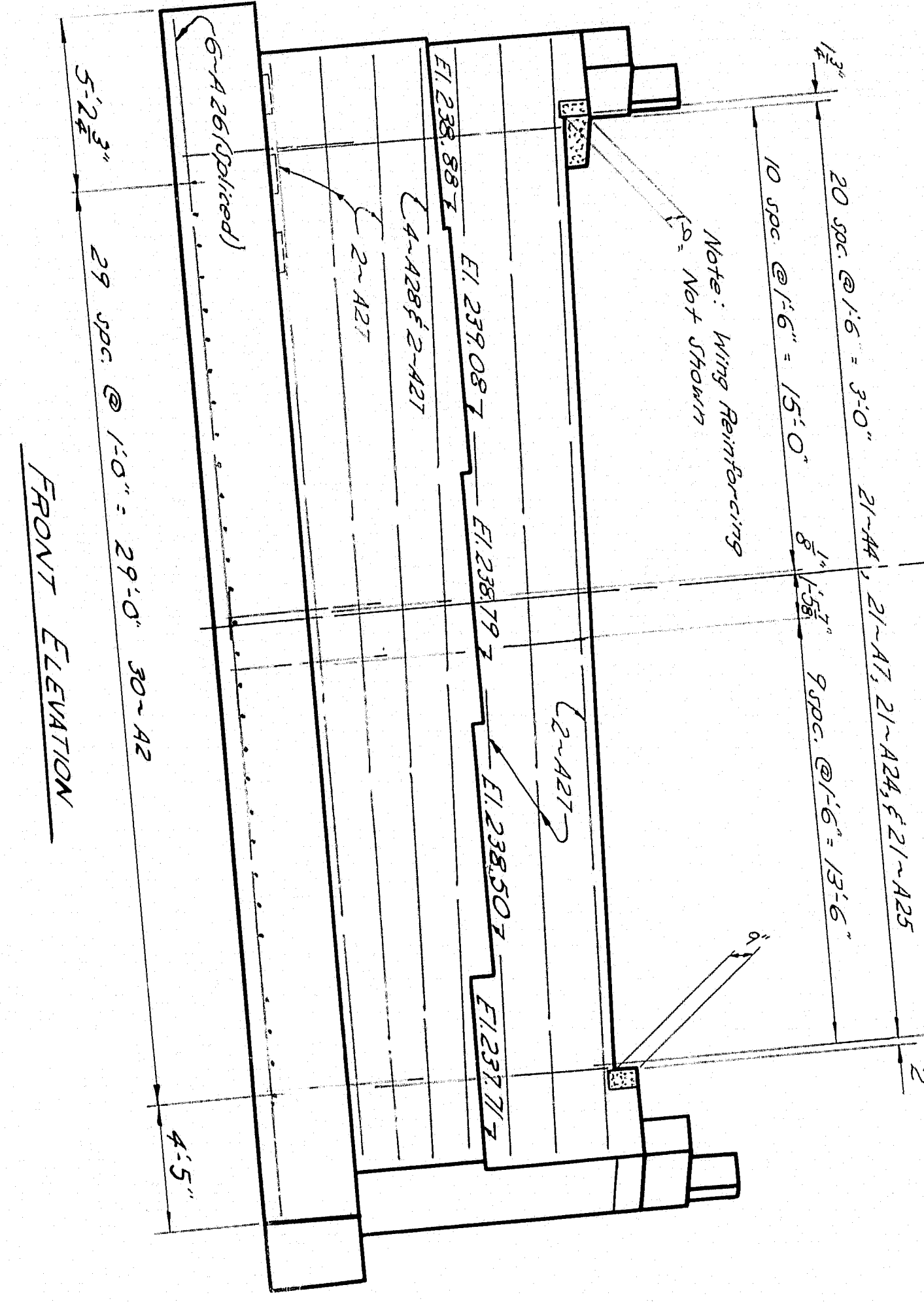
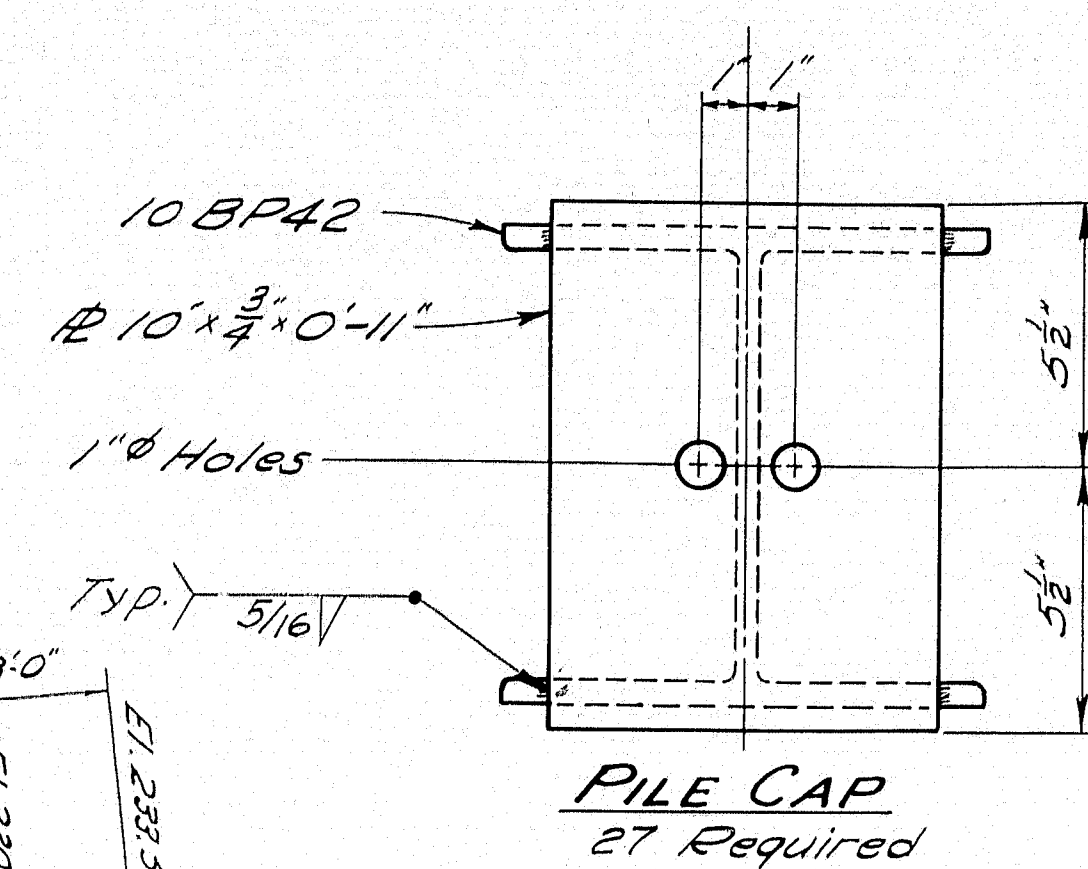
PALMYRA, SOMERSET COUNTY

ABUTMENT NO. 1 DETAIL

SHEET 3 OF 15 AUGUSTA, MAINE June 1962

M-18978

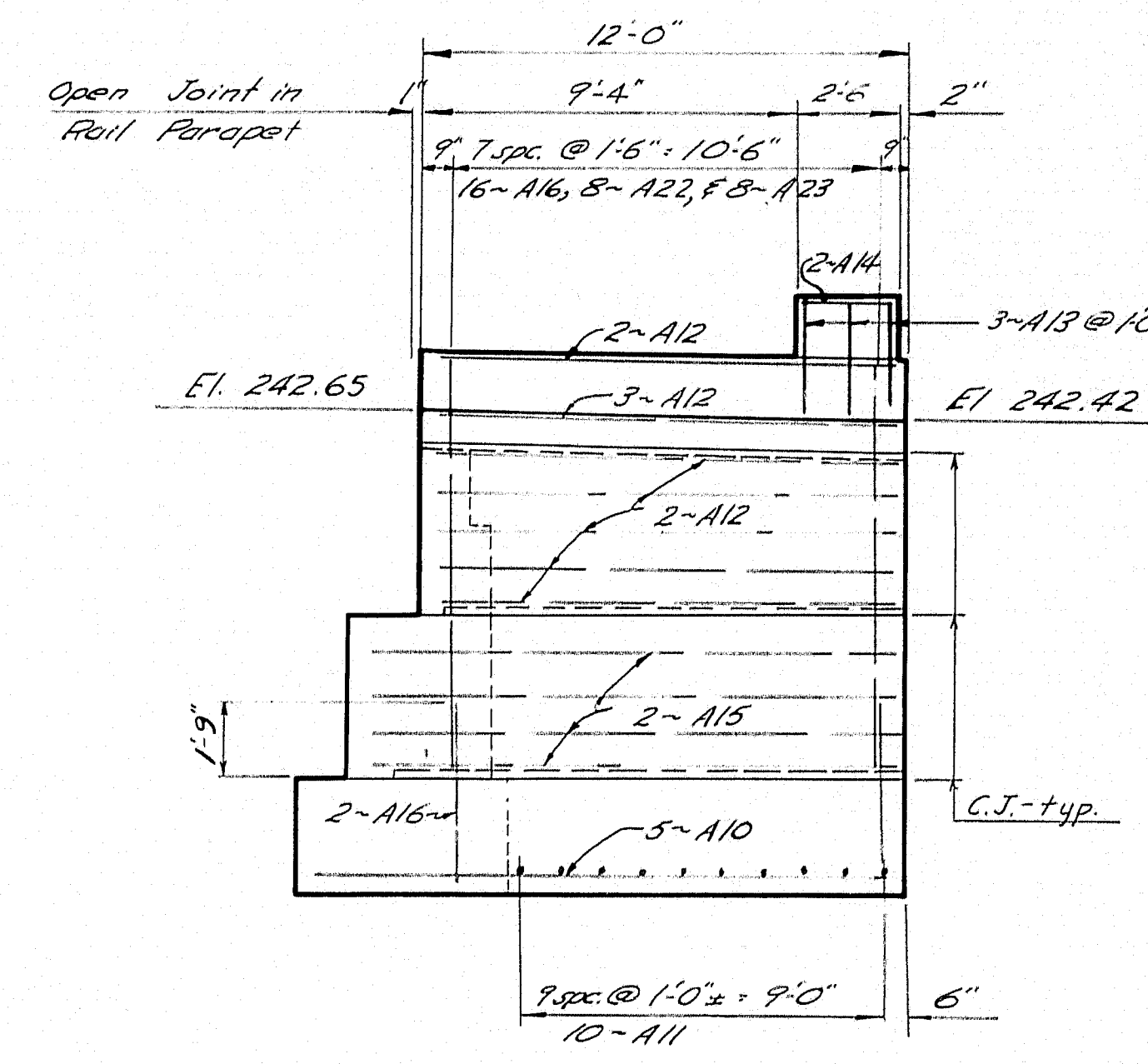
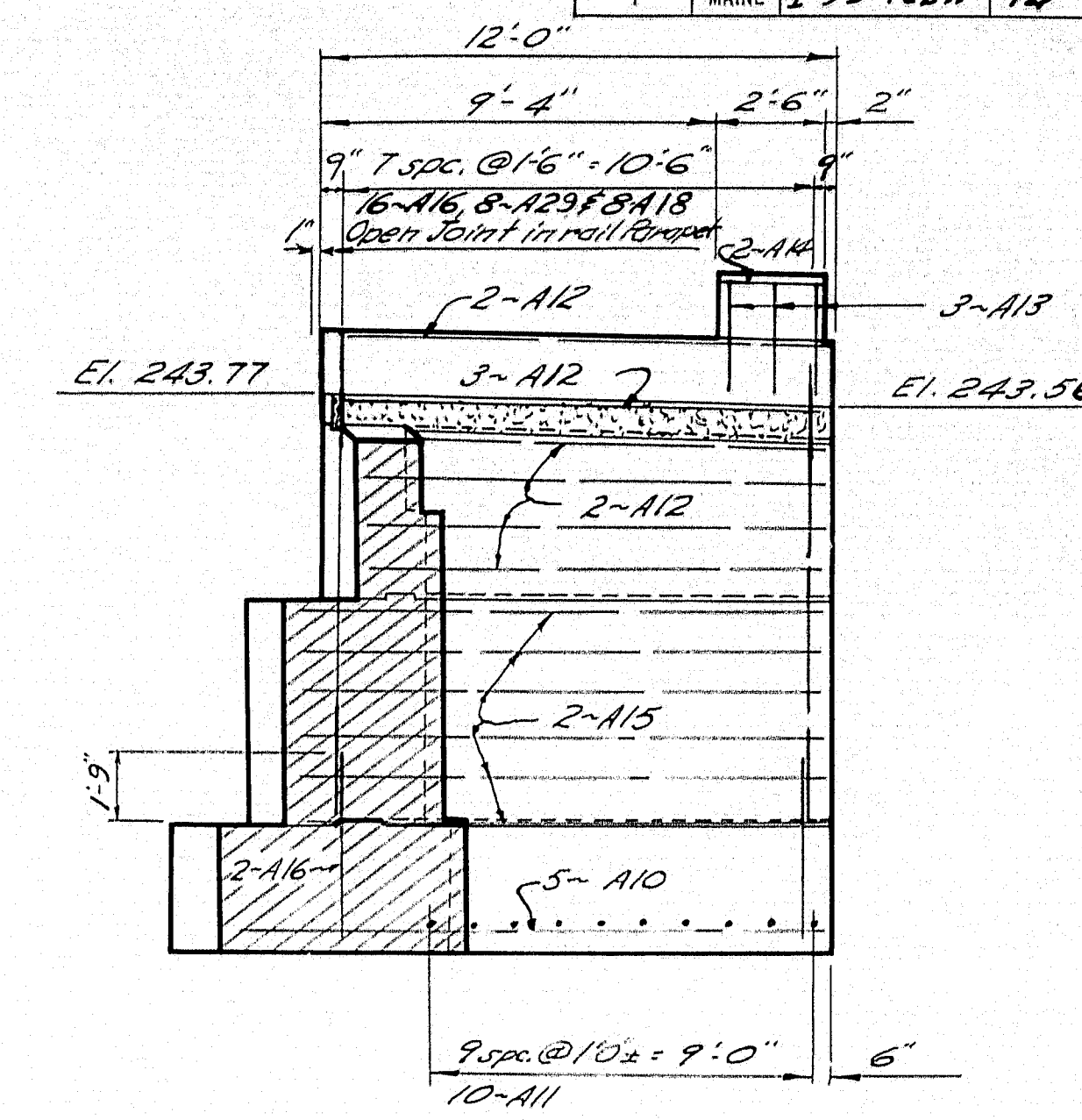
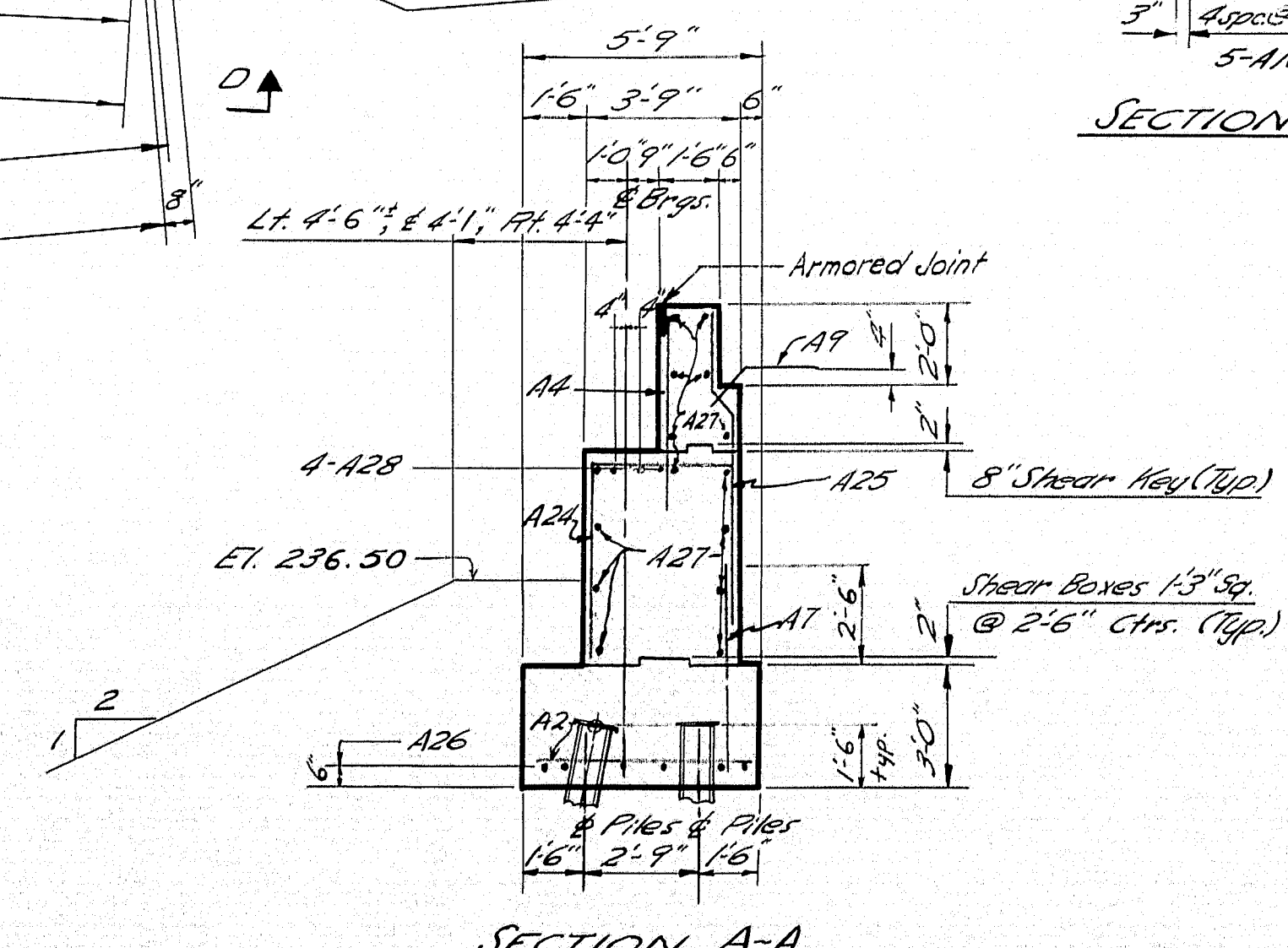
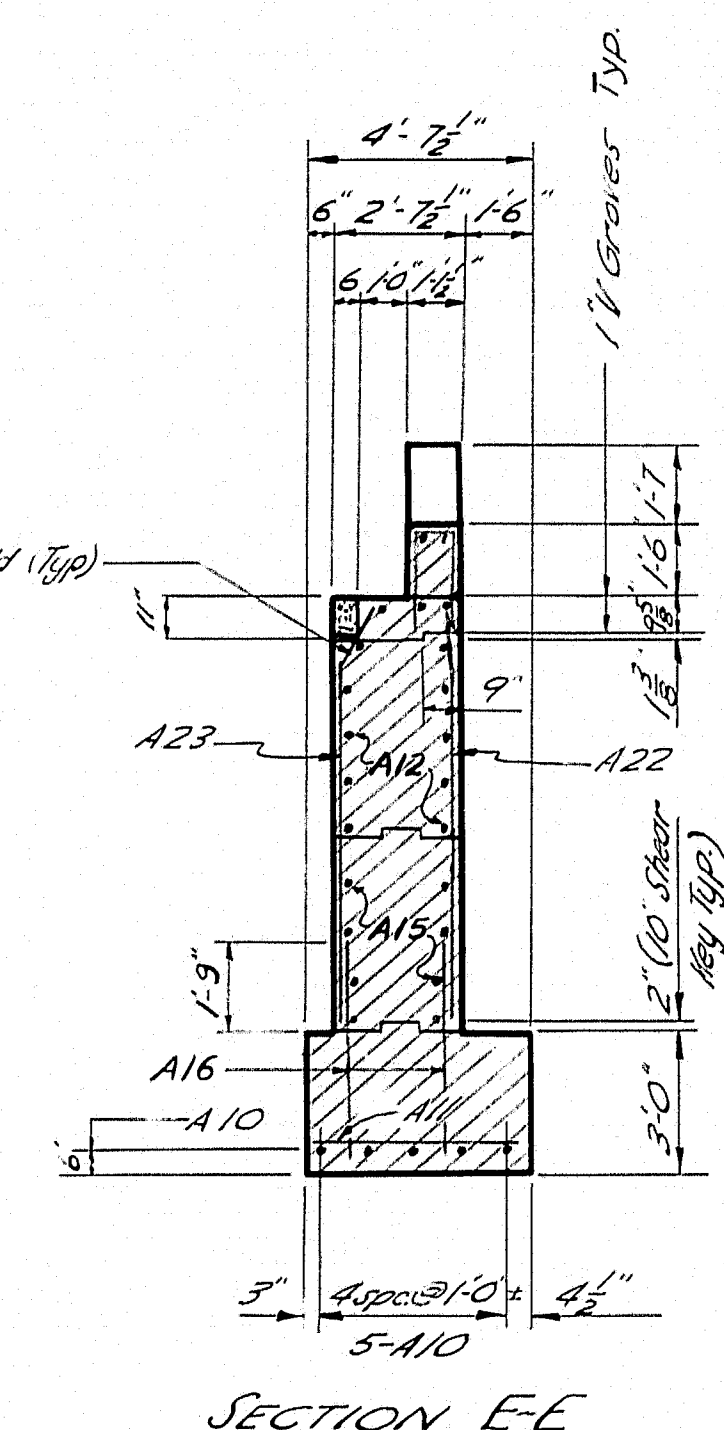
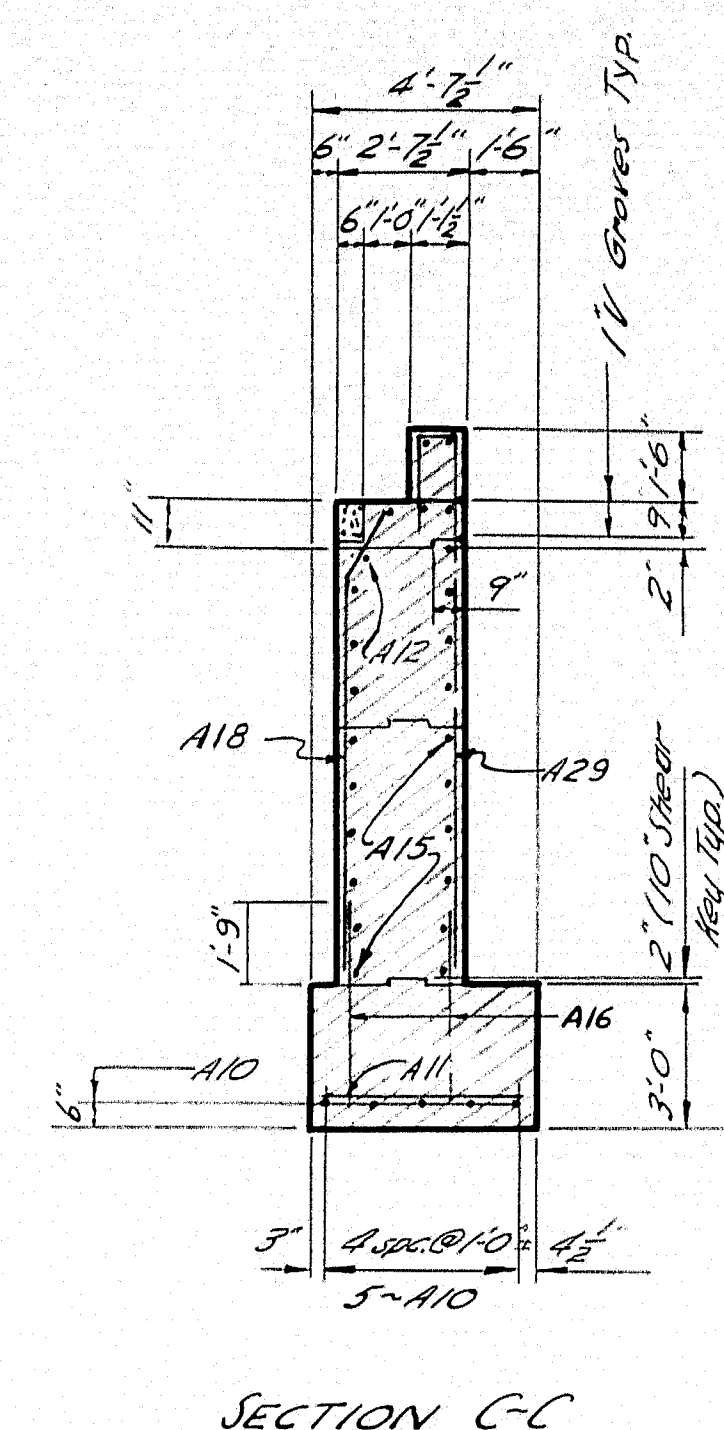
13



PLAN ABUTMENT No. 2

PILE NOTES

All piles to be 10BP42.
 Pile indicated thus $\uparrow$ better $2\frac{1}{2}''/ft$ in the direction indicated by the arrow.
 Max. pile load 37 tons.
 Estimated pile length 45 feet.
 13 Piles required, with caps.



Note: Wing reinforcing only shown.

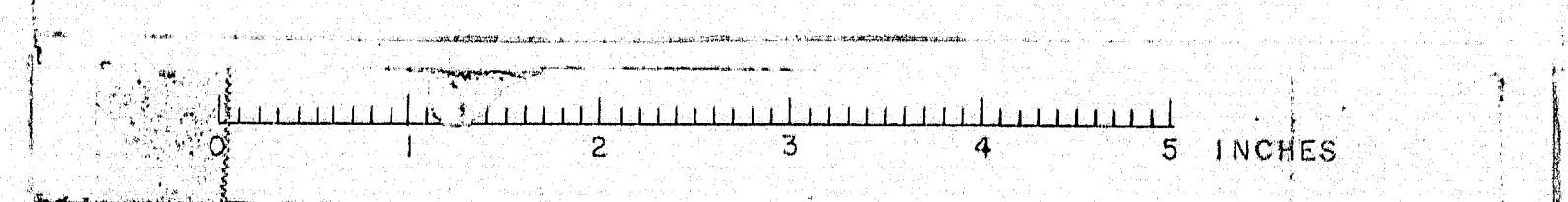
Note: Wing reinforcing only shown.

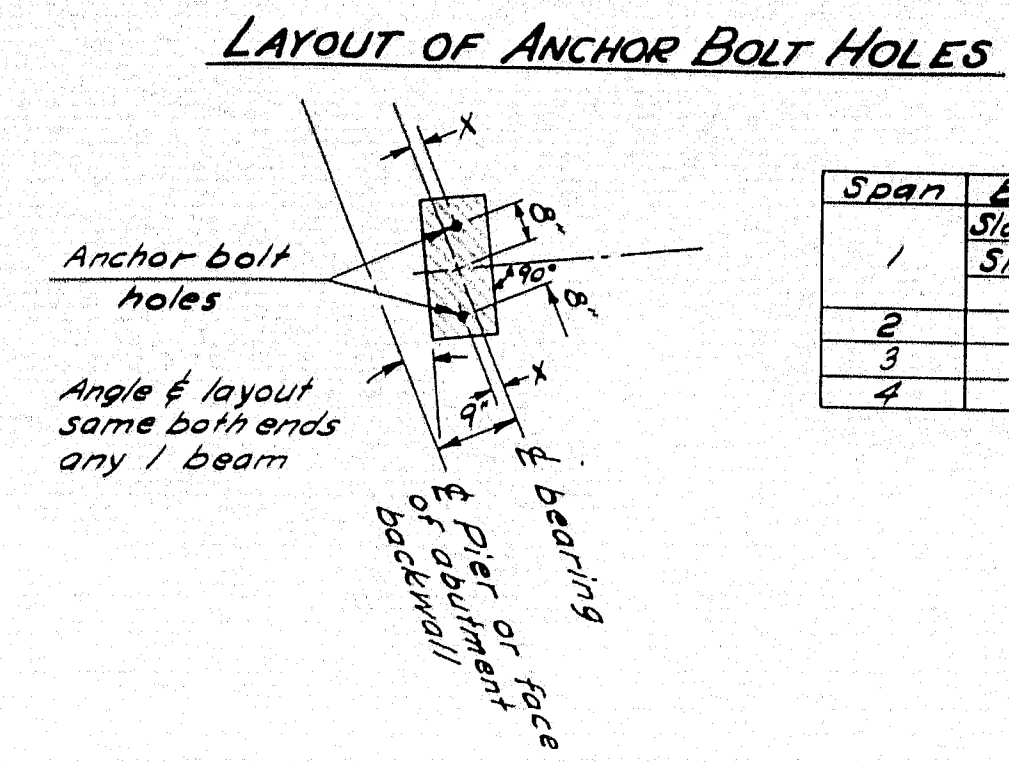
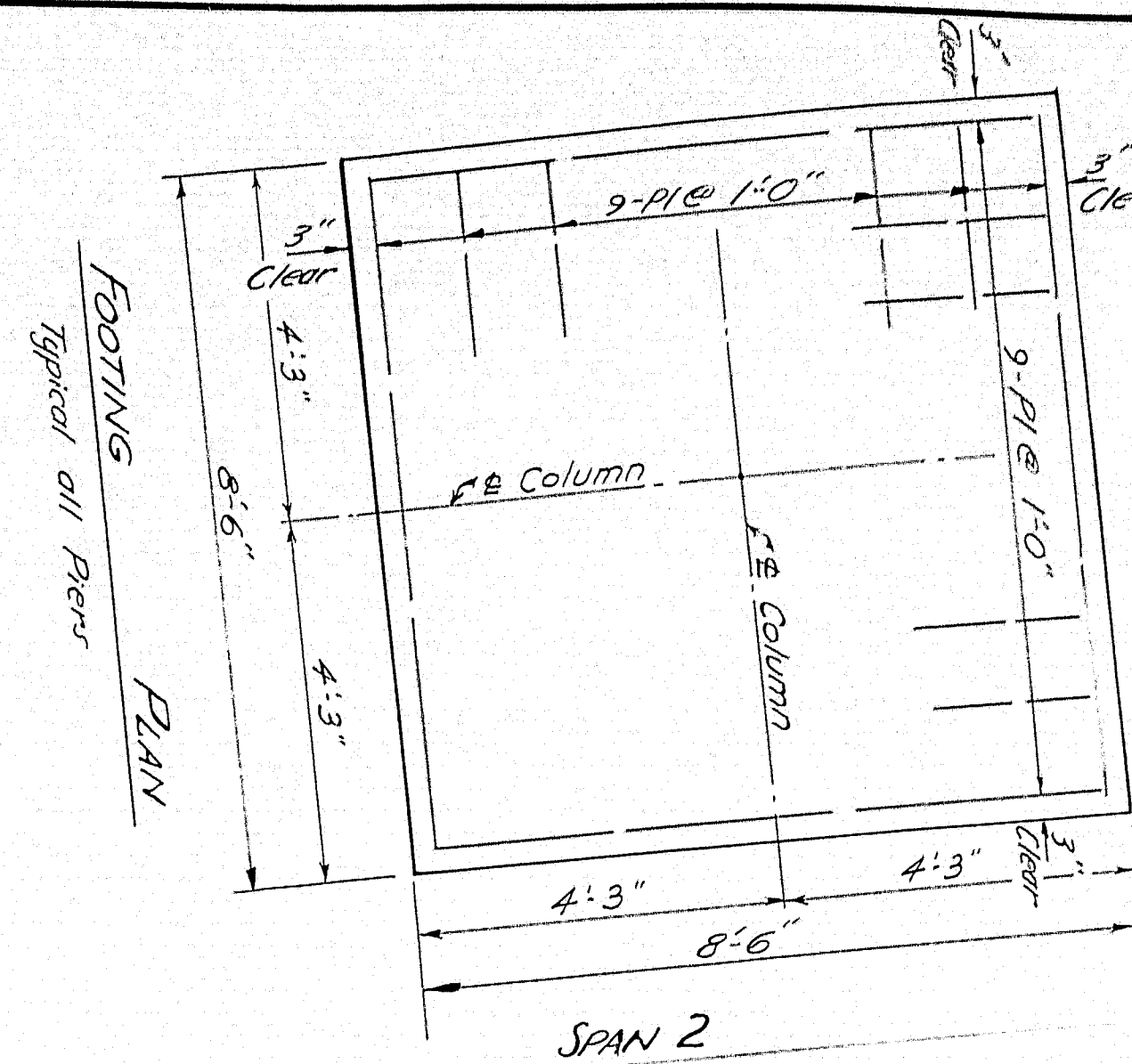
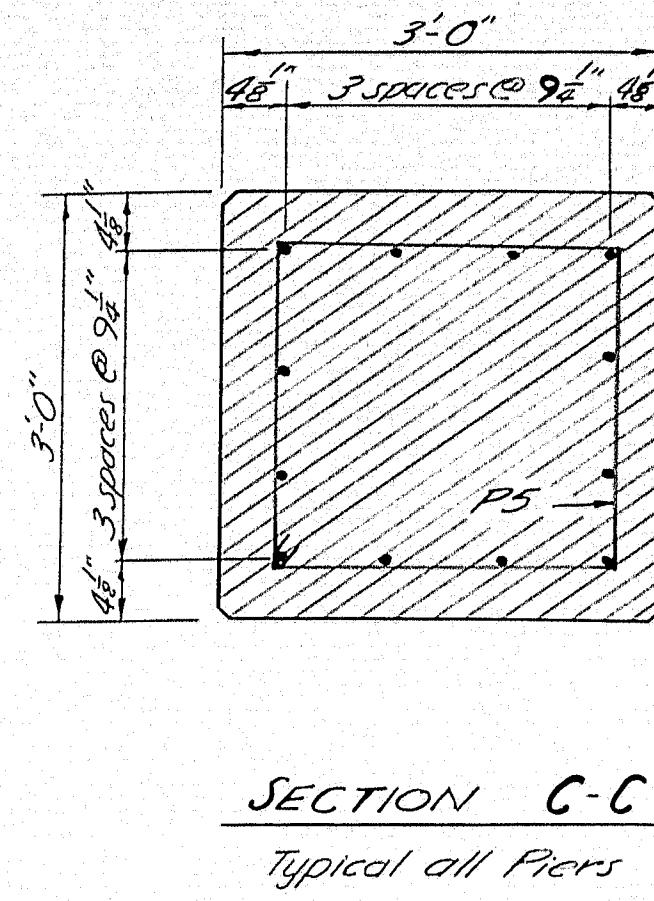
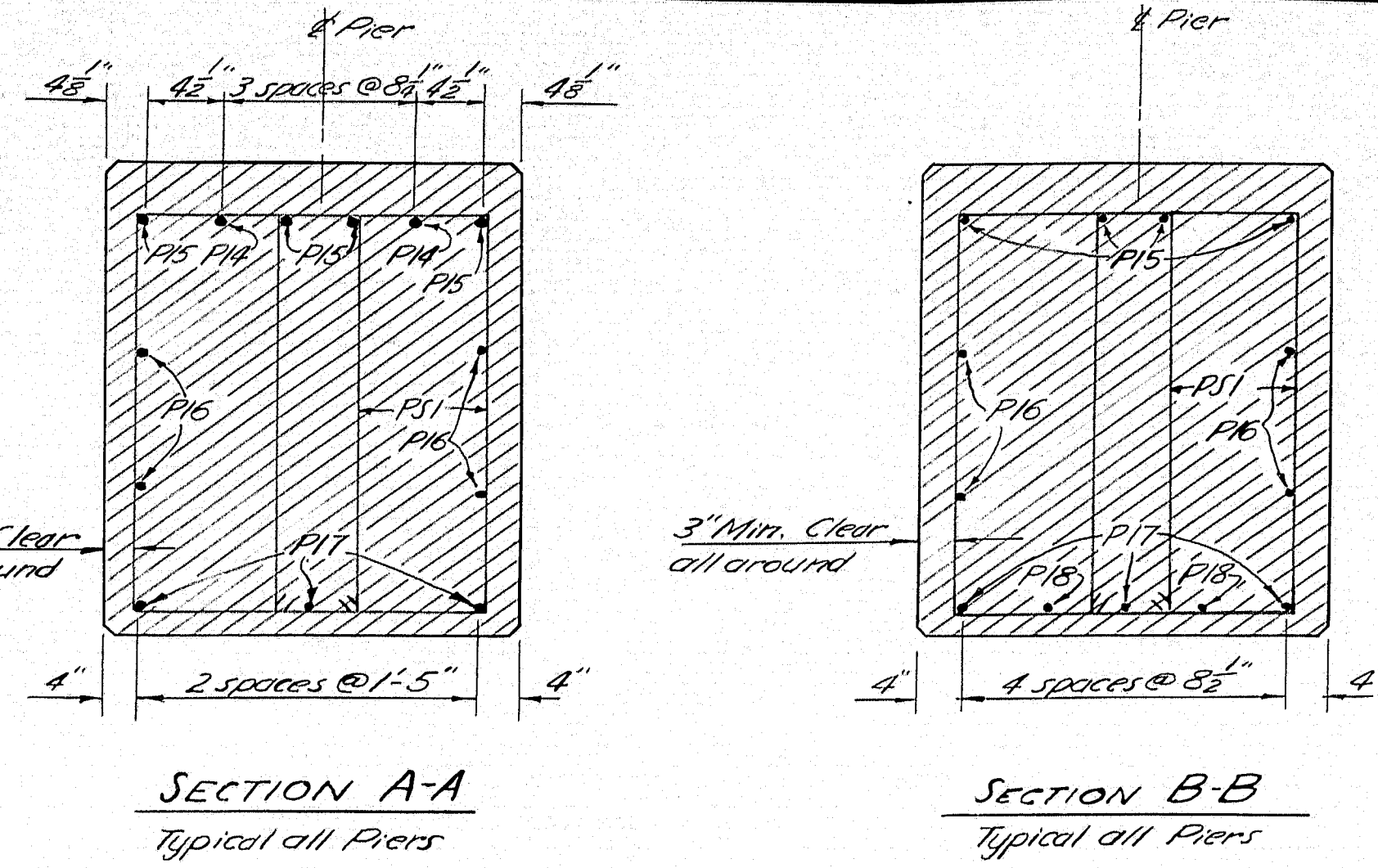
Note: See sheet No. 3 for General Notes.

DESIGN - Darity TRACE - Lyon CHECK - Dransky	BRIDGE NO. SURVEY - PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
ROUTE NO. 100 BRIDGE OVER INTERSTATE NO. 95 IN THE TOWN OF PALMYRA, SOMERSET COUNTY	
ABUTMENT NO. 2 DETAIL	

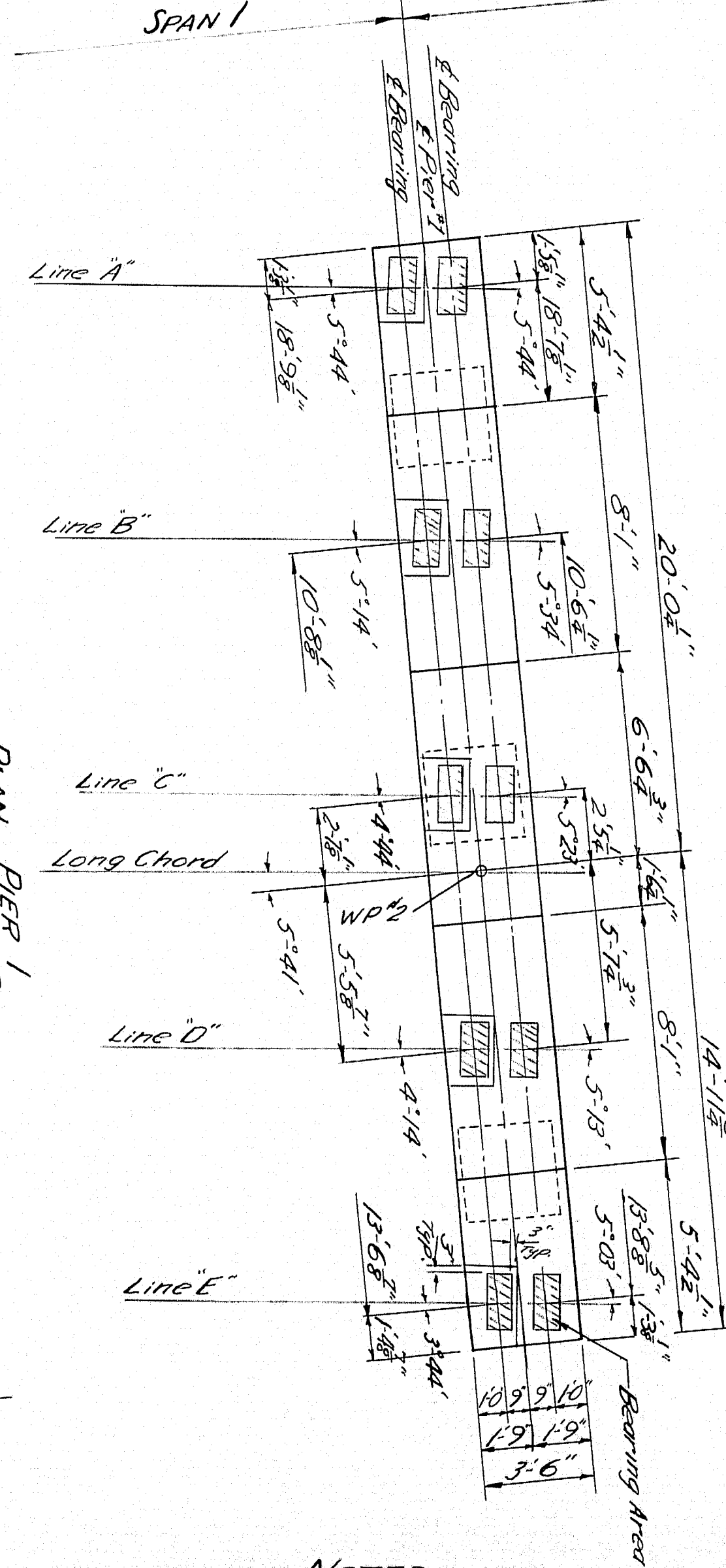
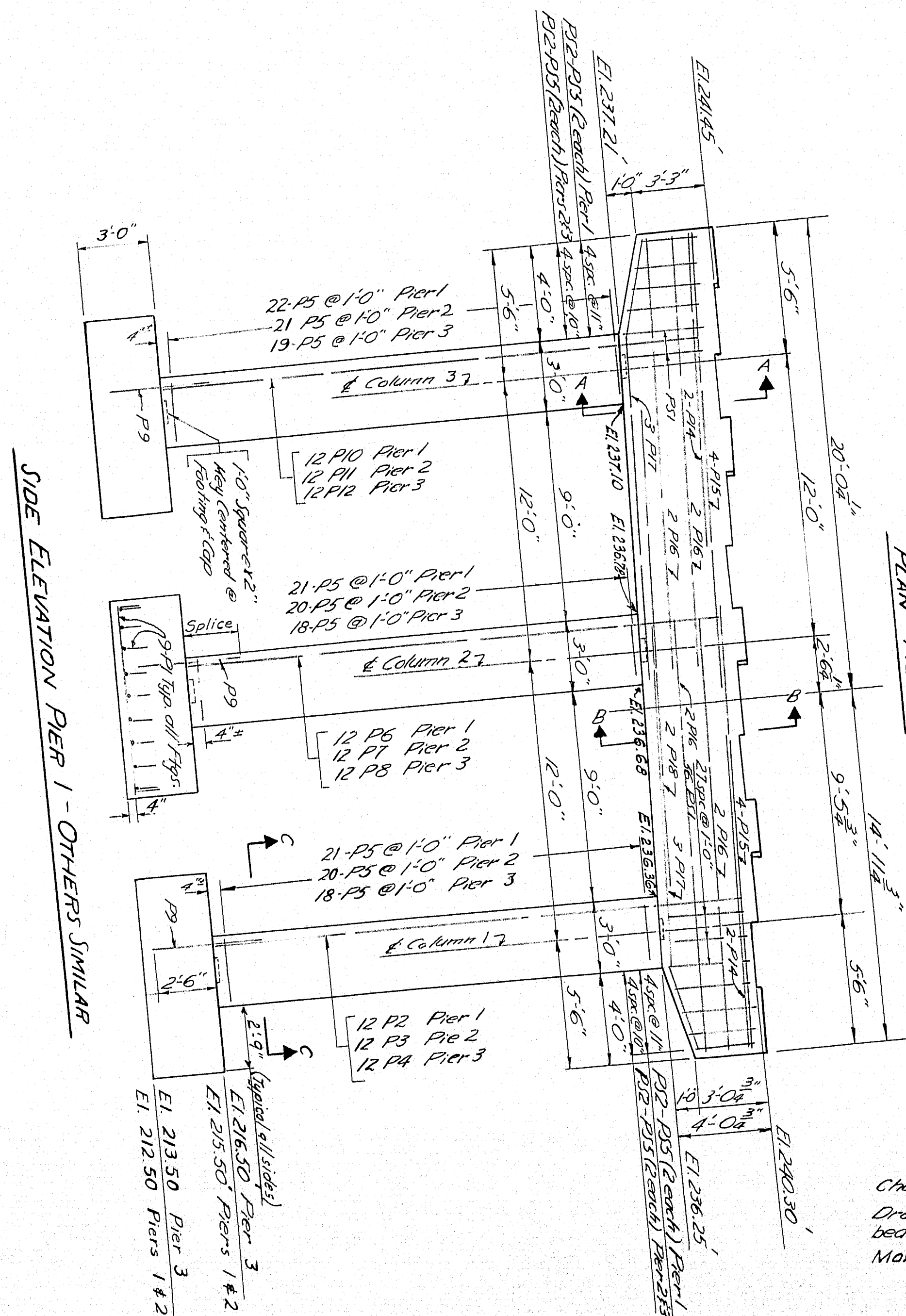
SHEET 4 OF 15 AUGUSTA, MAINE June 1962

M-1899

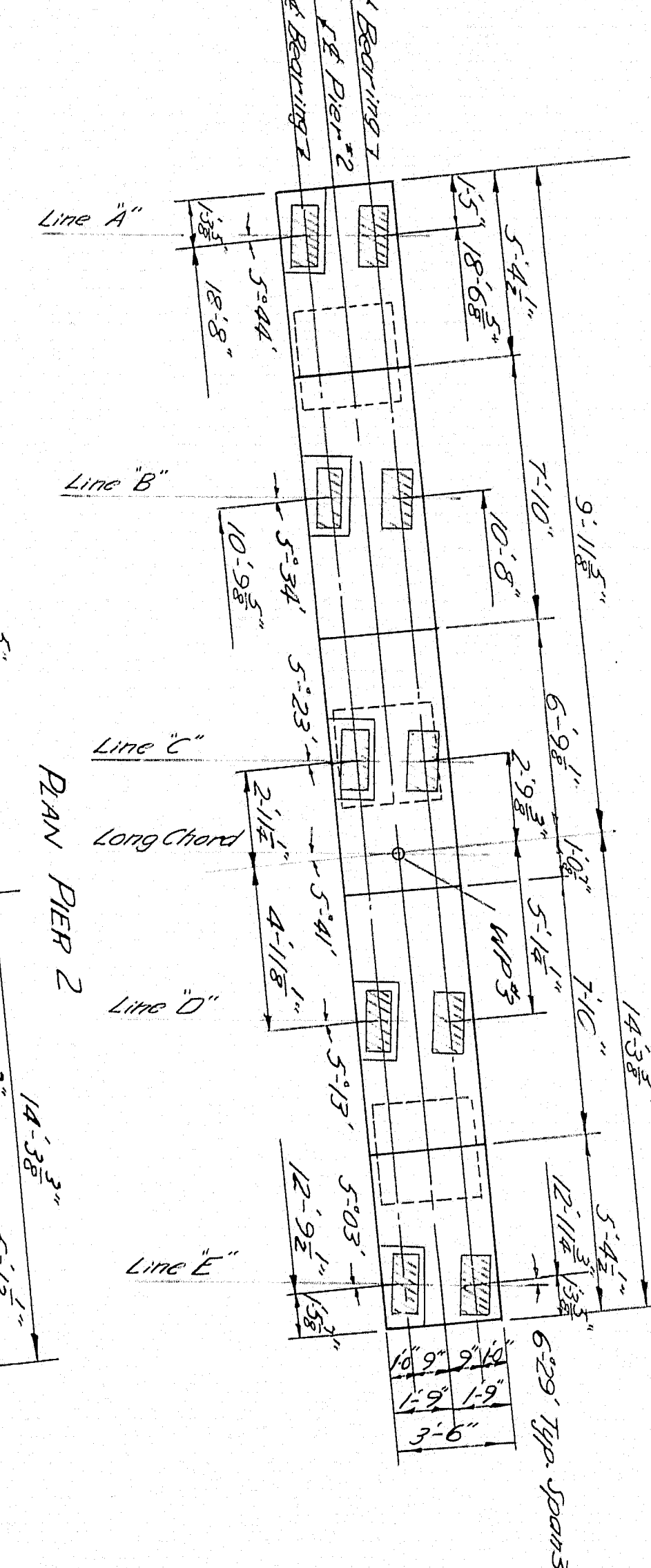
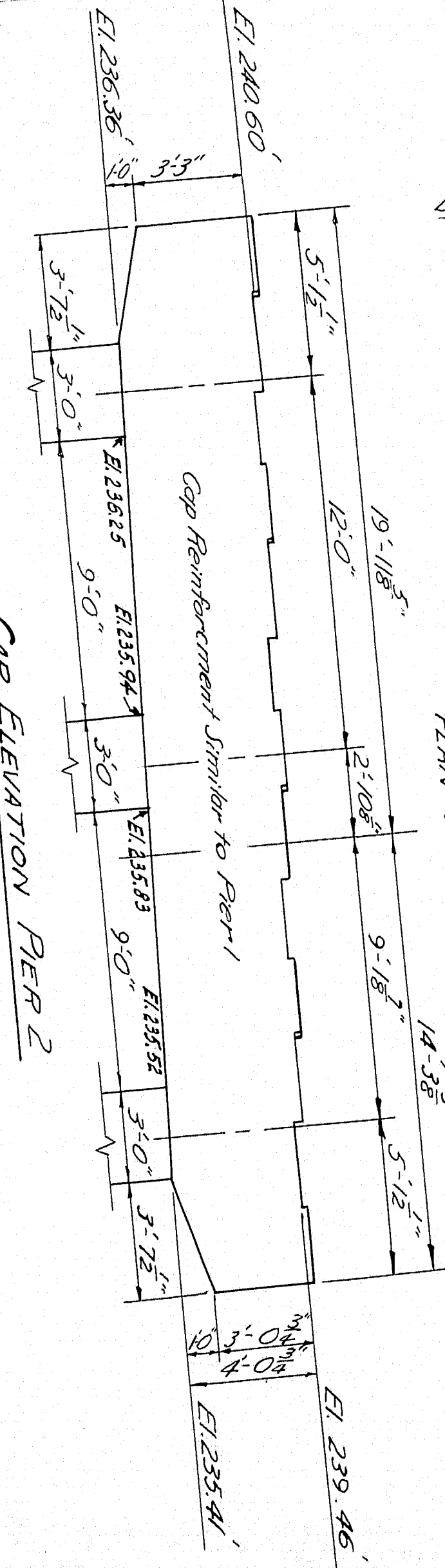




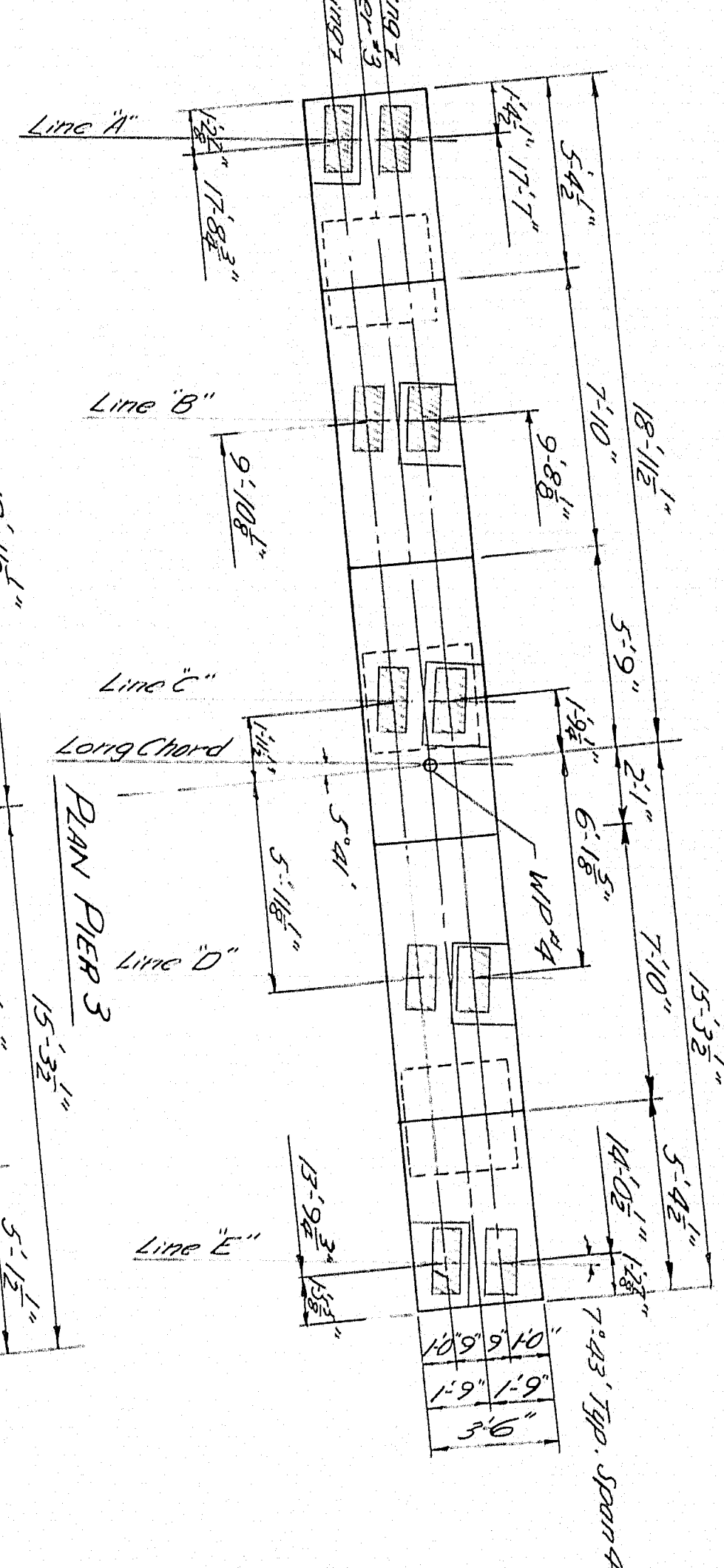
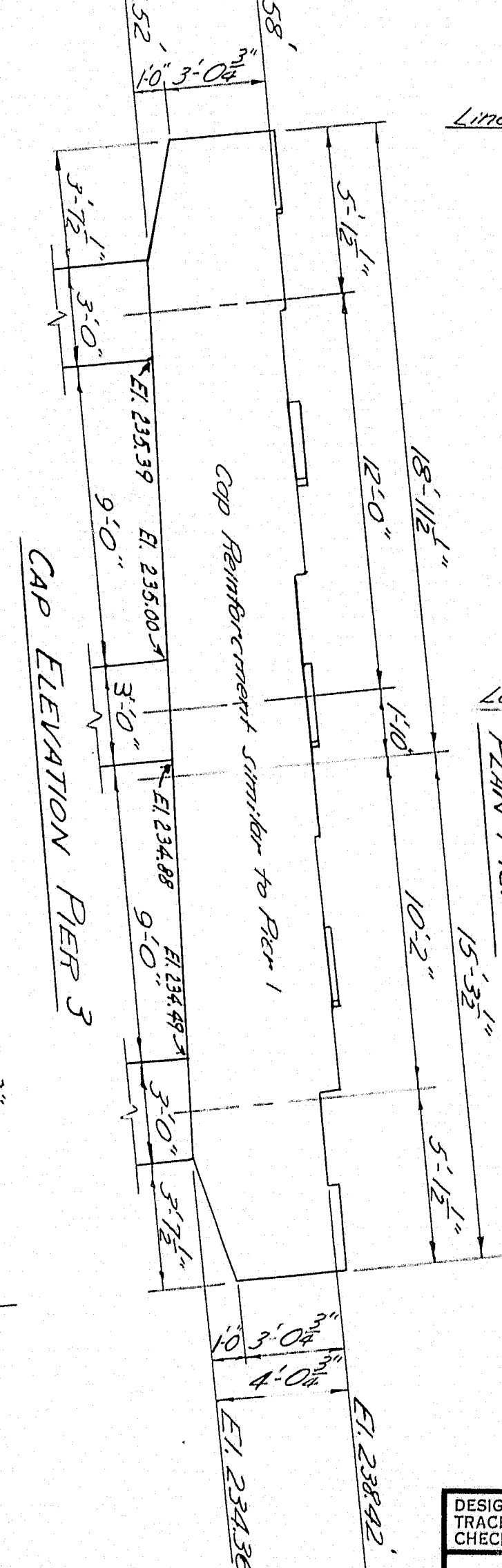
Span	Beams	X
1	5/8" 3/4"	3/4"
2	5/8" 3/4"	3/4"
3	5/8" 3/4"	3/4"
4	5/8" 3/4"	3/4"



CAP ELEVATION PIER 2



CAP ELEVATION PIER 3



		ELEVATION - BEARING AREAS				
		A	B	C	D	E
PIER 1	Span 1	241.61	241.55	241.26	240.98	240.47
	Span 2	241.45	241.16	240.88	240.59	240.30
PIER 2	Span 2	240.78	240.50	240.22	239.93	239.65
	Span 3	240.60	240.31	240.03	239.75	239.46
PIER 3	Span 3	239.74	239.46	239.17	238.88	238.60
	Span 4	239.58	239.28	238.99	238.70	238.42

NOTES
Chamfer all exposed edges of concrete.
Dress all shaded bearing areas 1" larger all-around than masonry bearing plates and to exact elevations shown in chart.
Maximum foundation pressure = 2.3/4'

DESIGN - COTTEN
TRACE - LLOYD
CHECK - MARE & DRESELY
BRIDGE NO. 100
SURVEY
PLOT
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
ROUTE NO. 100 BRIDGE
OVER
INTERSTATE NO. 95
IN THE TOWN OF
PALMYRA, SOMERSET COUNTY
PIERS
SHEET 5 OF 15 AUGUSTA, MAINE JUNE 1962

M-1900 1900

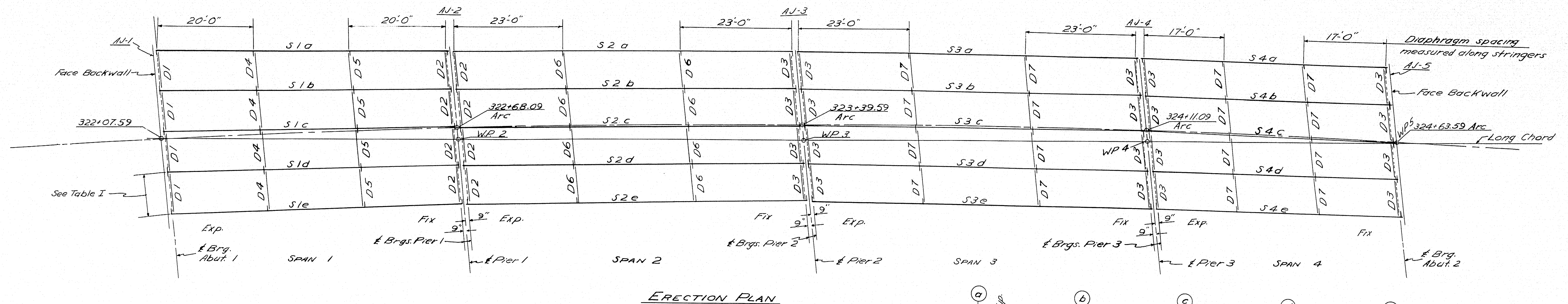
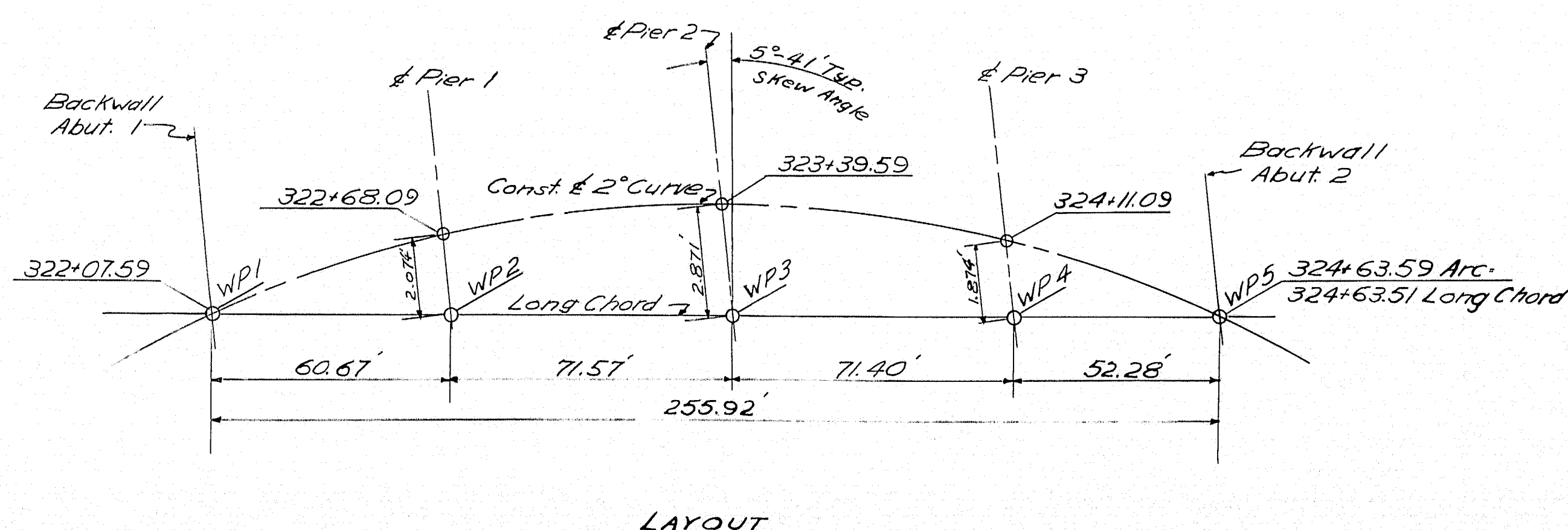
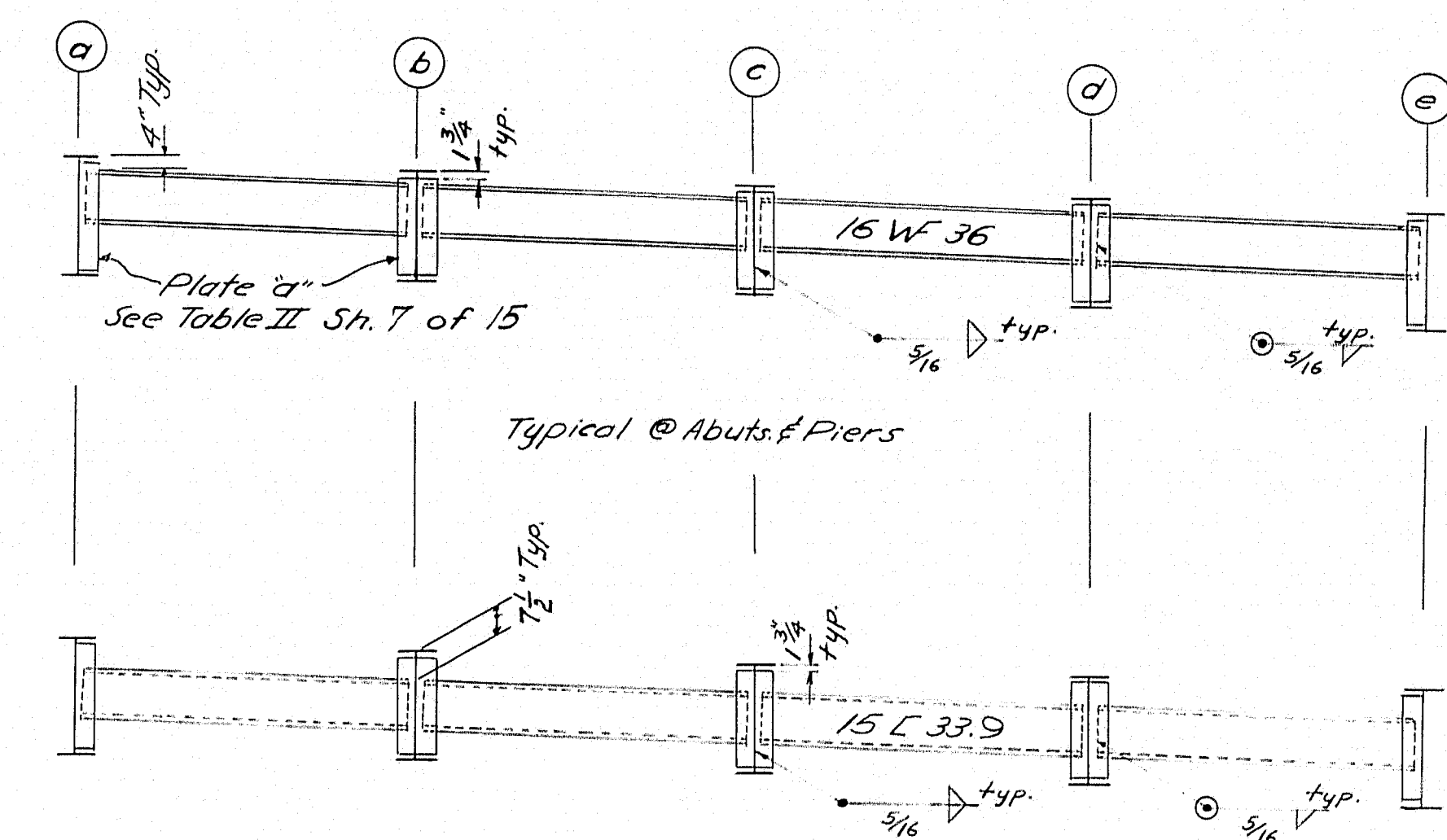


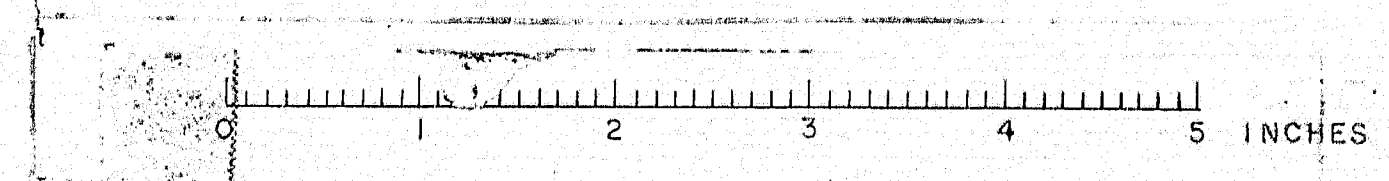
TABLE I	
Distance center-center Beam along & Bearing	
Span 1	8'-7 1/2"
Pier 1	8'-7 1/2"
Span 2	8'-0 1/2"
Pier 2	7'-10 3/4"
Span 3	7'-10 3/4"
Pier 3	7'-10 3/4"
Span 4	7'-10 3/4"
Abut. 2	7'-10 3/4"

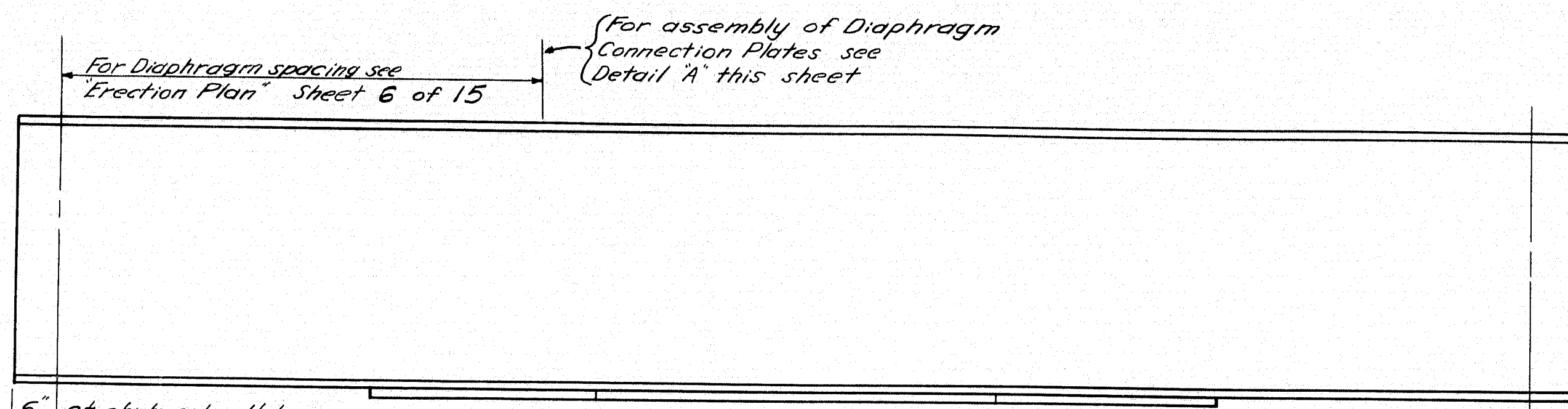
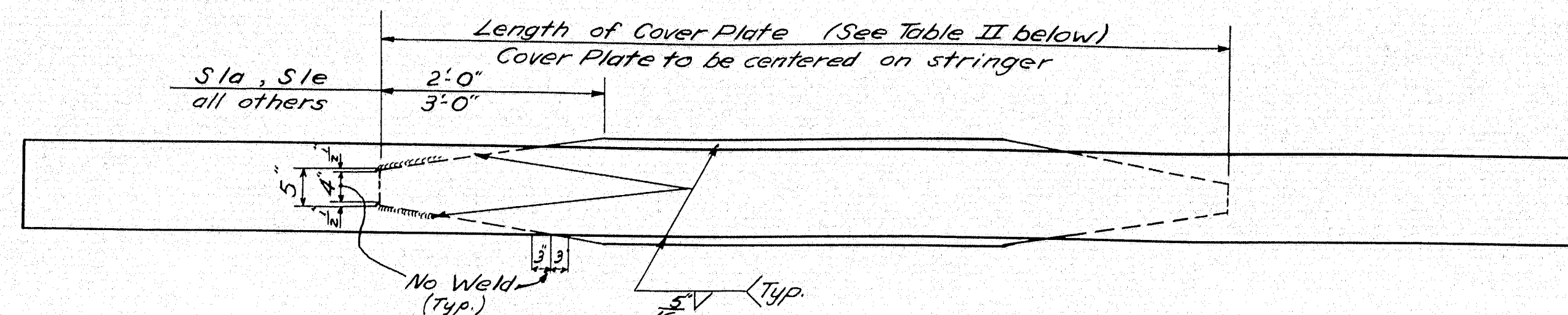


- GENERAL NOTES**
- SPECIFICATIONS:**
 - DESIGN & DETAIL - A.A.S.H.O. Standard Specifications, 1961.
 - FABRICATION & ERECTION - M.S.H.C. Standard Specifications, Highways and Bridges, Revision of Jan. 1956 and Supplemental Specifications Feb. 1960.
 - LOADING:** H20-S16-44
 - MATERIAL:**
 - Stringers and Cover Plates shall be Structural Steel conforming to the latest revision of the Specifications A.S.T.M. Designation A36.
 - All other Structural Steel shall conform to A.S.T.M. Designation A7 or A36.
 - DESIGN STRESS:** A7-18,000 p.s.i. - A36-20,000 p.s.i.

DESIGN- TRACE- CHECK- BY- DATE- 1961	DETAIL- BY- DATE- 1961	BRIDGE NO. SURVEY- PLOT- 1961
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
ROUTE NO. 100 BRIDGE OVER		
INTERSTATE NO. 95 IN THE TOWN OF		
PALMYRA, SOMERSET COUNTY		
STRUCTURAL STEEL ERECTION PLAN		
SHEET 6 OF 15 AUGUSTA, MAINE June 1962		

M-1900A

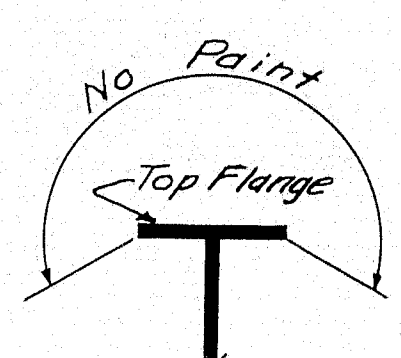




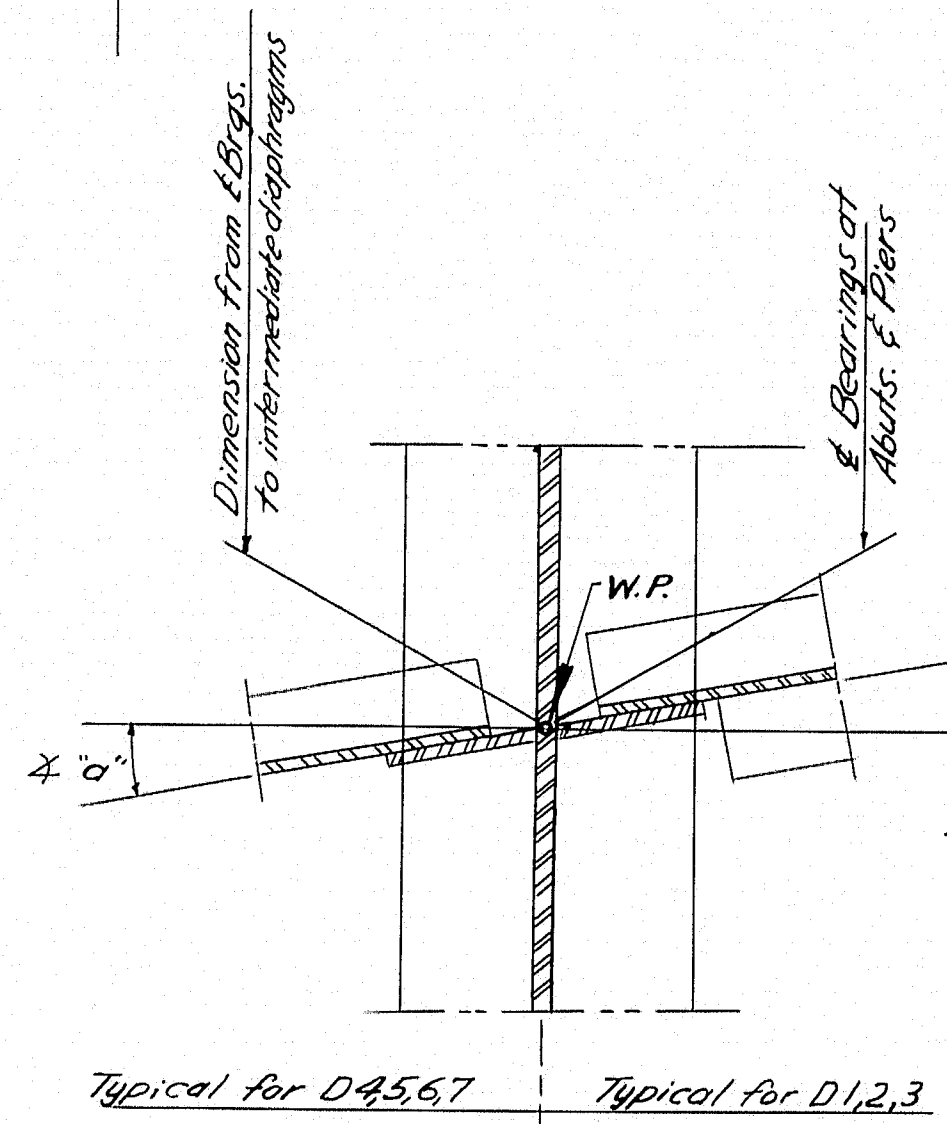
6" at abutments, all beams
Typ. and at piers for Lines b-c-d

8" at piers for Lines a-e
Typ. (all spans)

Mark	WF	Overall Length	Combin. Cover Pl.	Diaphragm Connection Pl. No.	Size	Diaphragm Connection Pl. Size
S-1	a	36 WF 135	60'-4"	2	10' x 36'	4 6' x 2' 8" 5'-24'
	b	33 WF 118	60'-1 1/8"	2 1/2	15' x 50'	8 6' x 2' 5" 5'-14'
	c	"	60'-0 3/8"	"	"	8 " 4'-44'
	d	"	60'-0 3/8"	"	"	8 " 4'-14'
S-2	e	36 WF 135	60'-2"	2	10' x 36'	4 6' x 2' 8" 3'-44'
	a	36 WF 135	71'-4 1/2"	2 3/4	16' x 54'	4 6' x 2' 8" 5'-44'
	b	"	71'-0 3/8"	"	16' x 60'	8 " 5'-34'
	c	"	71'-0 3/8"	"	"	8 " 5'-23'
S-3	d	"	71'-0 3/8"	"	"	8 " 5'-13'
	e	"	71'-3 3/8"	"	16' x 54'	4 " 5'-03'
	a	36 WF 135	71'-3 3/8"	2 3/4	16' x 54'	4 6' x 2' 8" 6'-29'
	b	"	70'-11 3/8"	"	16' x 60'	8 " "
S-4	c	"	70'-11 3/8"	"	"	8 " "
	d	"	70'-11 3/8"	"	"	8 " "
	e	"	71'-3 3/8"	"	16' x 54'	4 " "
S-4	a	36 WF 135	52'-1 1/2"	1 1/2	None	4 6' x 2' 8" 7'-43'
	b	30 WF 99	51'-11 3/8"	1 1/2	14' x 40'	8 6' x 2' 2" "
	c	"	51'-11 3/8"	"	"	8 " "
	d	"	51'-11 3/8"	"	"	8 " "
S-4	e	36 WF 135	52'-1 1/2"	1 1/2	None	4 6' x 2' 8" "

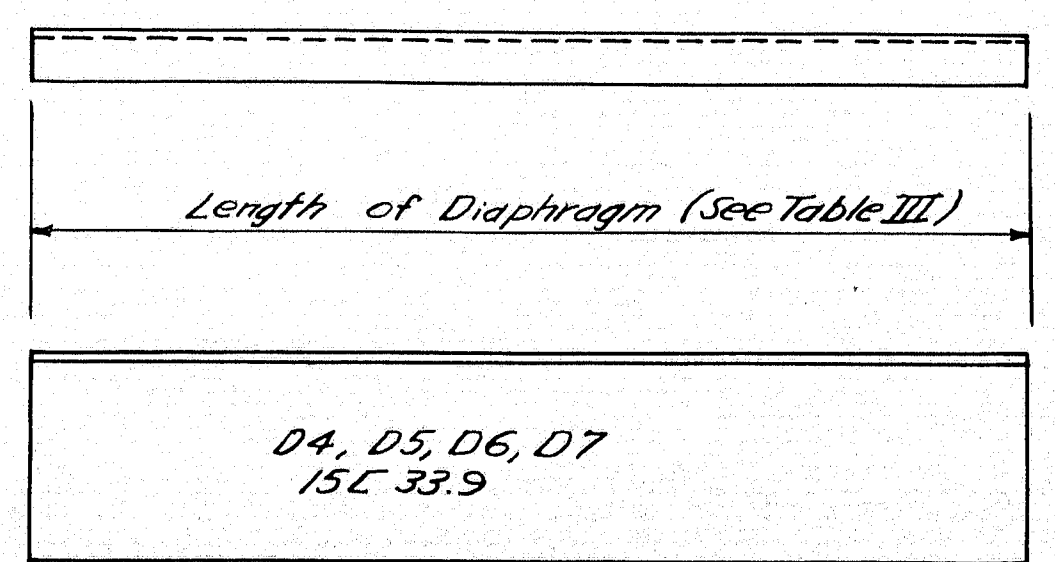
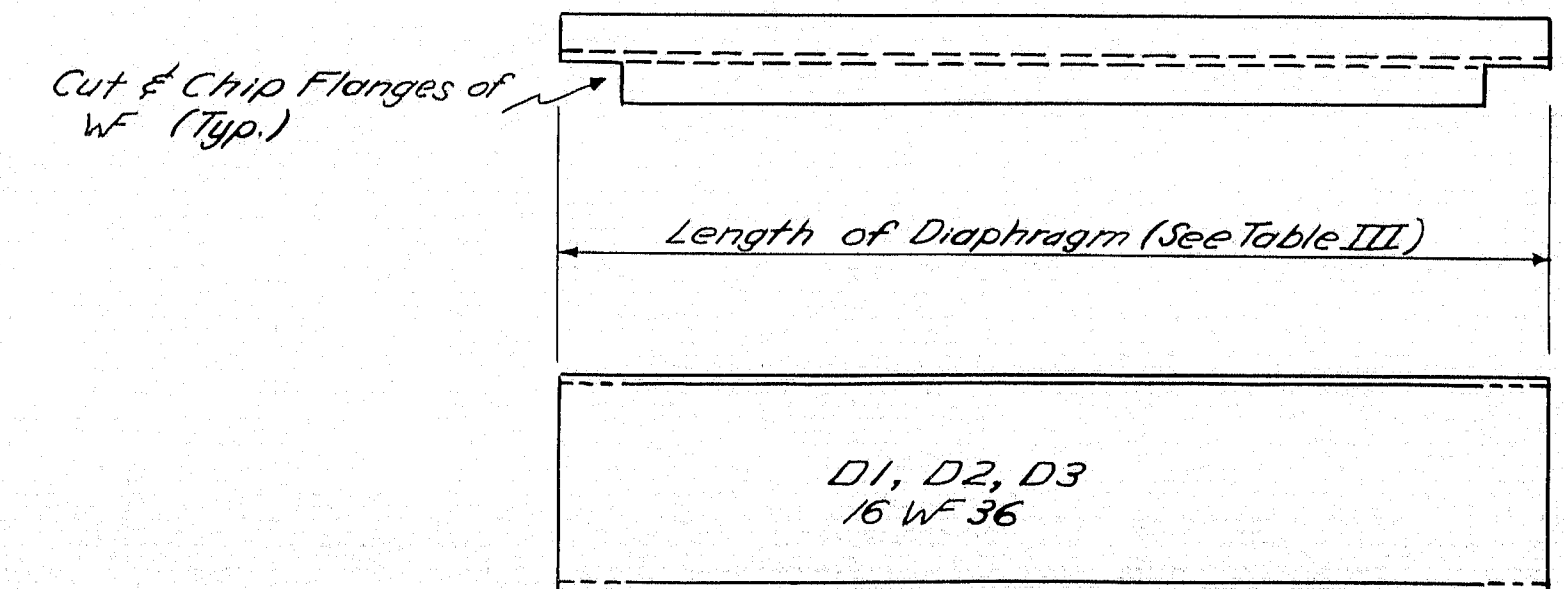


See opposite end



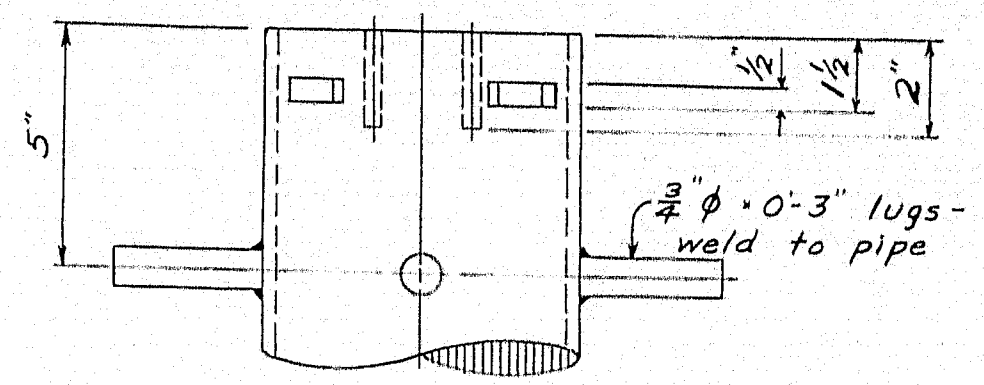
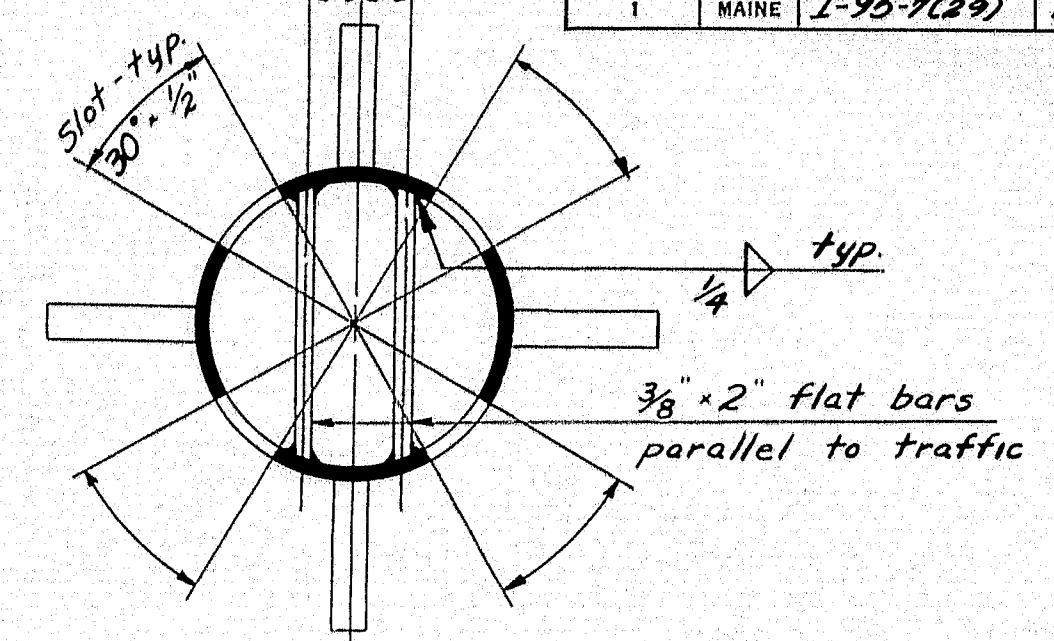
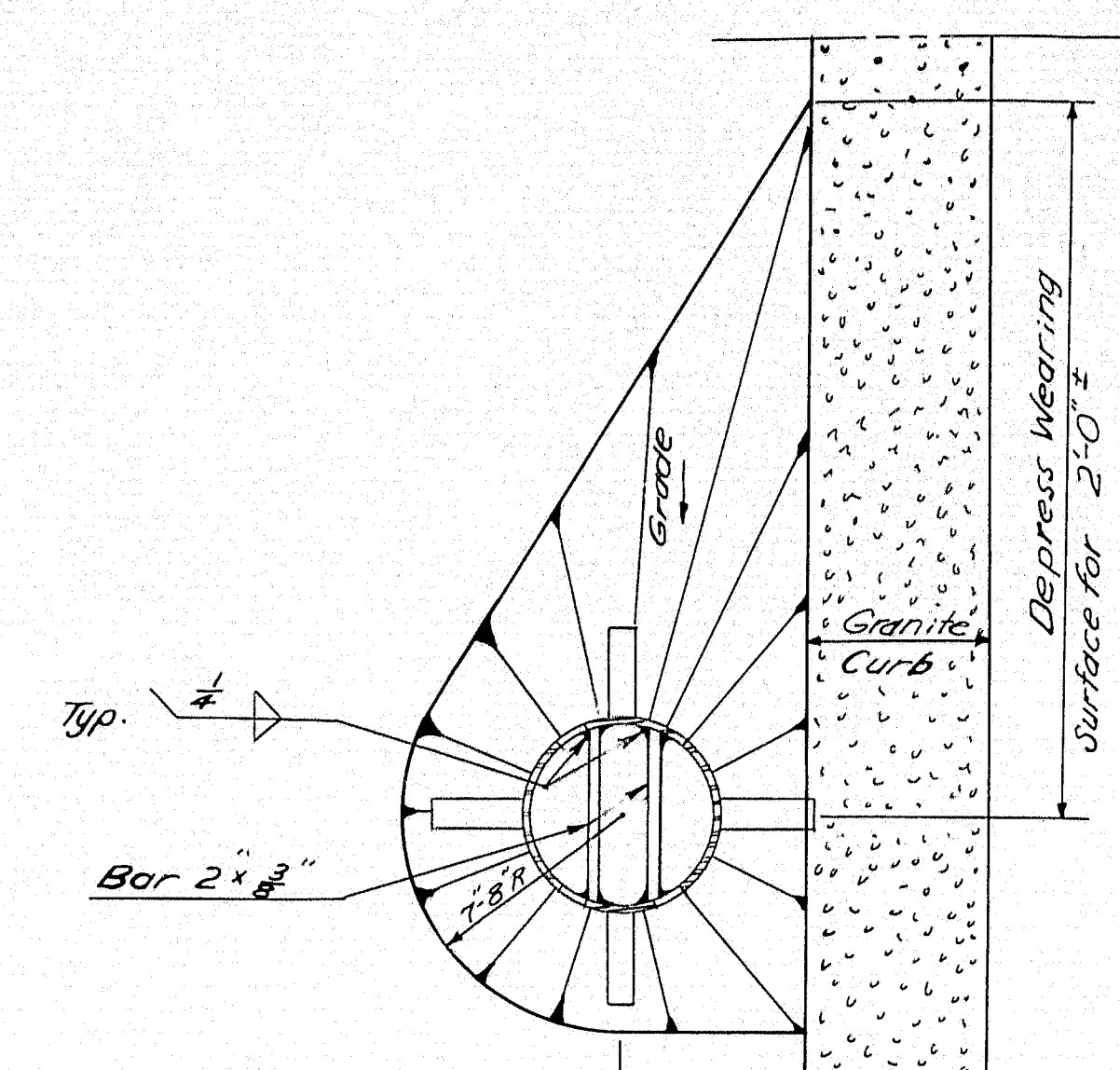
DETAIL A (Typical)

STRINGERS

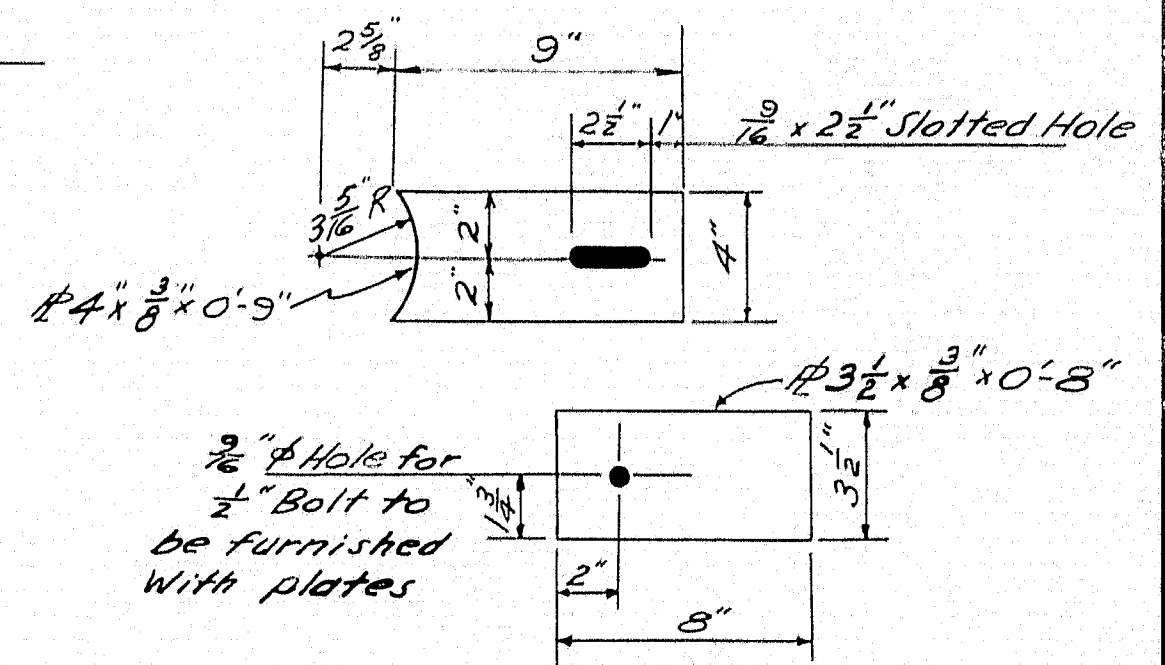
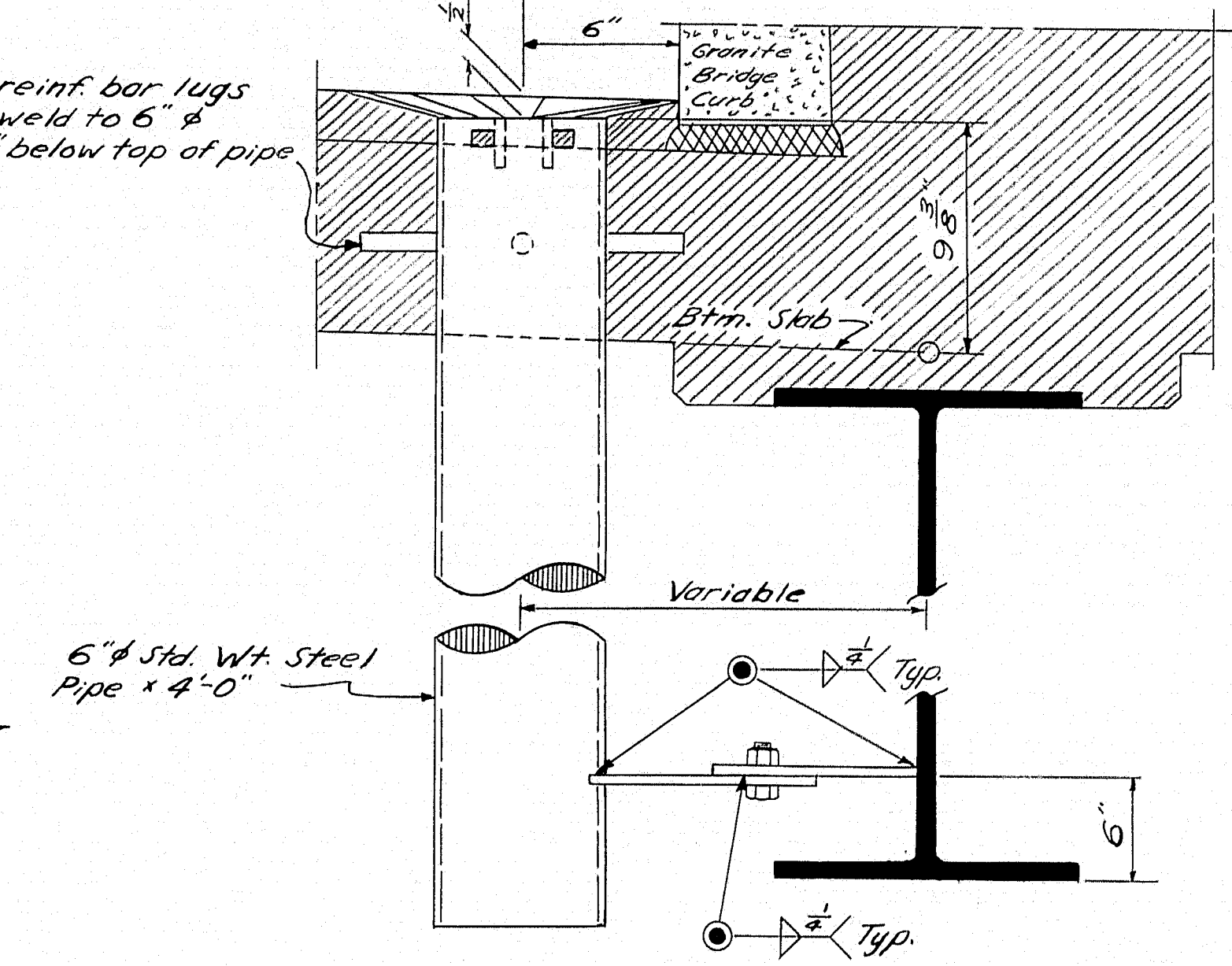


DIAPHRAGMS

Mark	Diaphragm	No.	Length
D1	16 WF 36	4	8'-2"
D2	"	8	7'-8"
D3	"	20	7'-6"
D4	15L 33.9	4	8'-0"
D5	"	4	7'-10"
D6	"	8	7'-7"
D7	"	16	7'-6"



4" x 5" reinf. bar lugs x 0'-3" weld to 6" x 8" pipe 3" below top of pipe



DRAIN ADJUSTMENT PLATES
5 Sets Required

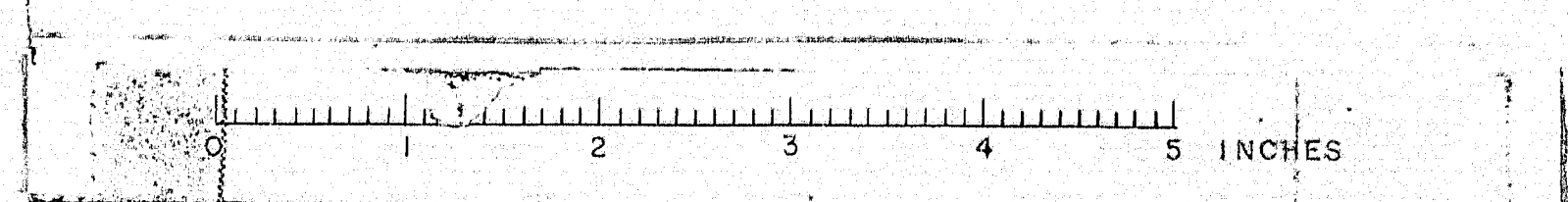
DRAIN DETAILS
Typical - 5 Req'd.

- Notes:
- For location of Drains see sheets 10-11-13
 - Adjust reinforcing steel to clear drains. Furnishing and erection of drains to be paid for as structural steel under items 702-103, 104, and 105.

DESIGN - F.B.F.	BRIDGE NO. SURVEY - PLOT -
TRACE - Lyan	
CHECK - D.E. ABP Geo. R.D.	
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
ROUTE NO. 100 BRIDGE OVER INTERSTATE NO. 95 IN THE TOWN OF PALMYRA, SOMERSET COUNTY	
STRUCTURAL STEEL DETAILS	

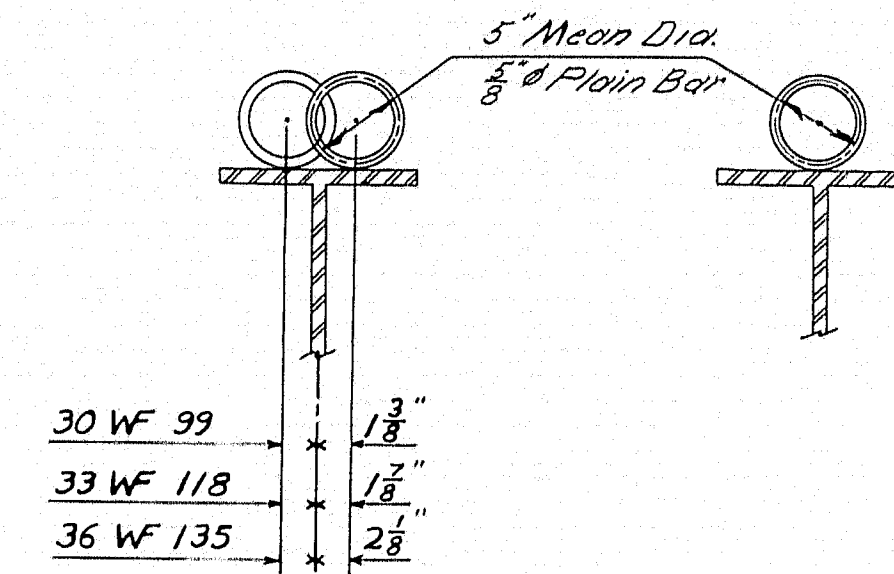
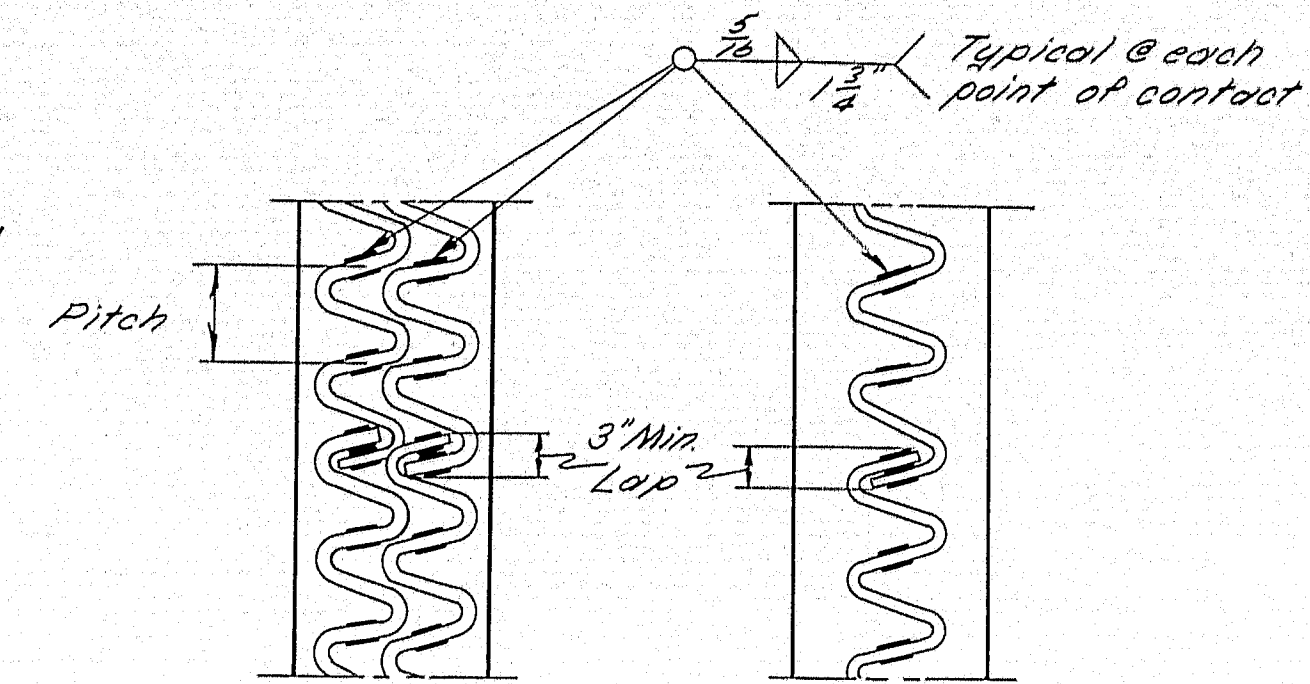
SHEET 7 OF 15 AUGUSTA, MAINE June 1962

M-1900B



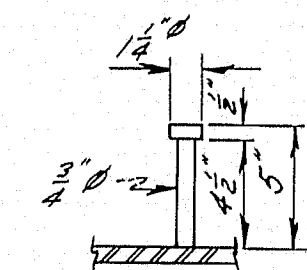
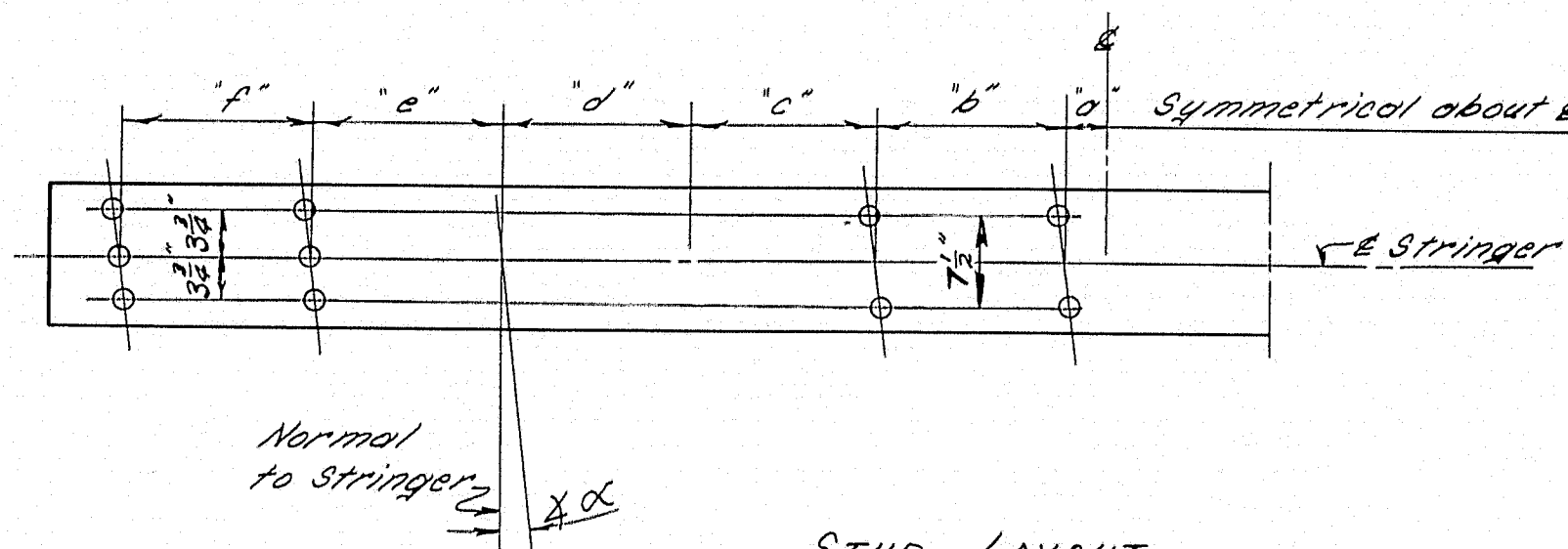
SPIRAL TABLE				
Mark	No.	Pitch	Spaces	Length
SP1	30	4 1/2"	29	10'-3 3/4"
SP2	40	6"	20	10'-0"
SP3	60	4 1/2"	32	12'-0"
SP4	40	6"	24	12'-0"
SP5	20	4"	30	10'-0"
SP6	5	4 1/2"	34	12'-9"

LAYOUT OF SPIRALS						
Spirals - $f_s = 18,000$ psi						
SP1	2-SP1	2-SP2	1-SP1	1-SP1	2-SP2	2-SP1
SP2	2-SP1	2-SP2	1-SP1	1-SP1	2-SP2	2-SP1
SP3	2-SP3	2-SP4	1-SP3	1-SP3	2-SP4	2-SP3
SP4	2-SP3	2-SP4	1-SP3	1-SP3	2-SP4	2-SP3
SP5	2-SP5	2-SP2	1-SP6	2-SP2	2-SP5	
SP6	2-SP5	2-SP2	1-SP6	2-SP2	2-SP5	



LAYOUT OF SPIRALS
Spirals - $f_s = 18,000$ psi

SPIRAL DETAILS



TYPICAL STUD

STUD LAYOUT
Note: See Table below

NOTE: Studs are a patented product. If the Contractor elects to use them, he shall pay the royalty and payment to the Contractor will be included in the lump sum price paid for "Shear Connectors" Item 705-17.

NOTE: Studs are to be granular or solid flux filled. They are to be automatically end welded to stringers in the shop or in the field.

STUD LAYOUT TABLE											
Stringer	α	"d"	Studs	Spacing	Studs	Spacing	Studs	Spacing	Studs	Spacing	Studs per Stringer
SP1	4° 45'	3 1/2"	2	9 sp @ 7" = 5'-9"	2	14 sp @ 5 1/2" = 6'-10"	2	18 sp @ 4" = 6'-0"	3	13 sp @ 5 1/2" = 5'-8 1/2"	356
SP2	"	2 3/8"	2	12 sp @ 5 3/4" = 5'-9"	2	16 sp @ 4 1/2" = 6'-0"	3	18 sp @ 4" = 6'-0"	3	21 sp @ 3 3/4" = 6'-1 1/2"	424
SP3	5° 25'	3 3/8"	2	12 sp @ 6 3/4" = 6'-9"	2	16 sp @ 5 1/2" = 7'-0"	2	18 sp @ 4 1/2" = 6'-9"	3	22 sp @ 4 1/2" = 7'-9"	418
SP4	"	3 1/8"	2	13 sp @ 6 1/2" = 6'-9"	2	17 sp @ 4 3/4" = 6'-8 1/2"	2	21 sp @ 4" = 7'-0"	3	22 sp @ 4" = 7'-4"	456
SP5	6° 30'	3 3/8"	2	11 sp @ 6 3/4" = 6'-2 1/2"	2	16 sp @ 5 1/2" = 7'-4"	2	19 sp @ 4 1/2" = 7'-1 1/2"	3	20 sp @ 4 1/2" = 7'-6"	406
SP6	"	3 1/8"	2	13 sp @ 6 1/2" = 6'-9"	2	16 sp @ 5" = 6'-8"	2	22 sp @ 4" = 7'-4"	3	22 sp @ 4" = 7'-4"	450
SP7	7° 45'	3 1/2"	2	8 sp @ 7" = 4'-8"	2	11 sp @ 5 1/2" = 5'-0 1/2"	2	13 sp @ 4 1/2" = 4'-10 1/2"	3	12 sp @ 4 1/2" = 4'-9"	284
SP8	"	2 3/8"	2	10 sp @ 5 3/4" = 4'-9"	2	13 sp @ 4 1/2" = 4'-10 1/2"	3	16 sp @ 4" = 5'-4"	3	18 sp @ 3 3/4" = 5'-3"	368

Total number Studs req'd = 8022

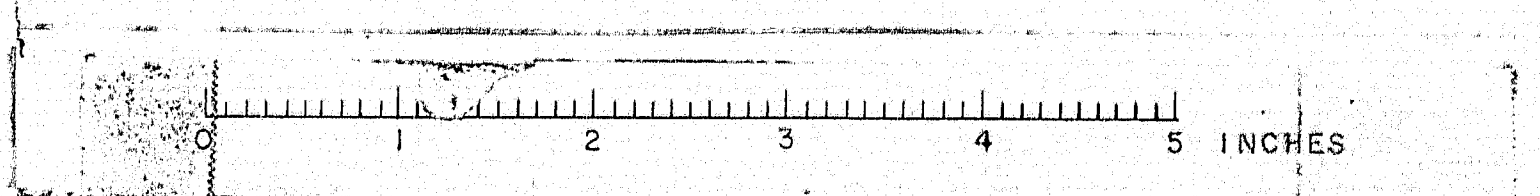
STUD DETAILS

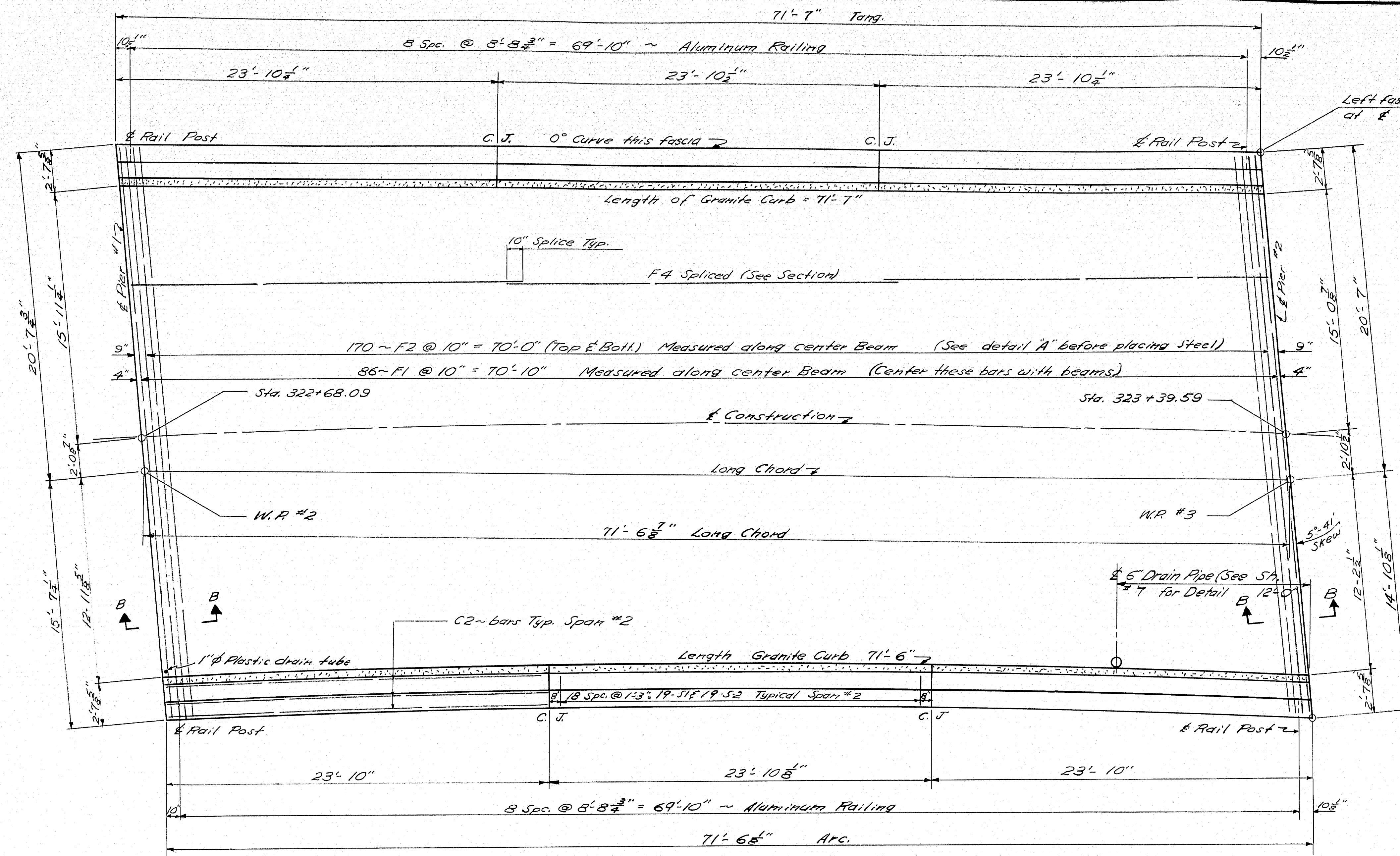
NOTE: Shear Connectors - Spirals or Studs to be used shall be the option of the Contractor.

DESIGN - C. J. B.	BRIDGE NO.
TRACE - C. J. B.	SURVEY -
CHECK - A. B. P.	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
ROUTE NO. 100 BRIDGE OVER INTERSTATE NO. 95 IN THE TOWN OF PALMYRA, SOMERSET COUNTY	
SHEAR CONNECTORS	
SHEET 9 OF 15 AUGUSTA, MAINE June 1962	

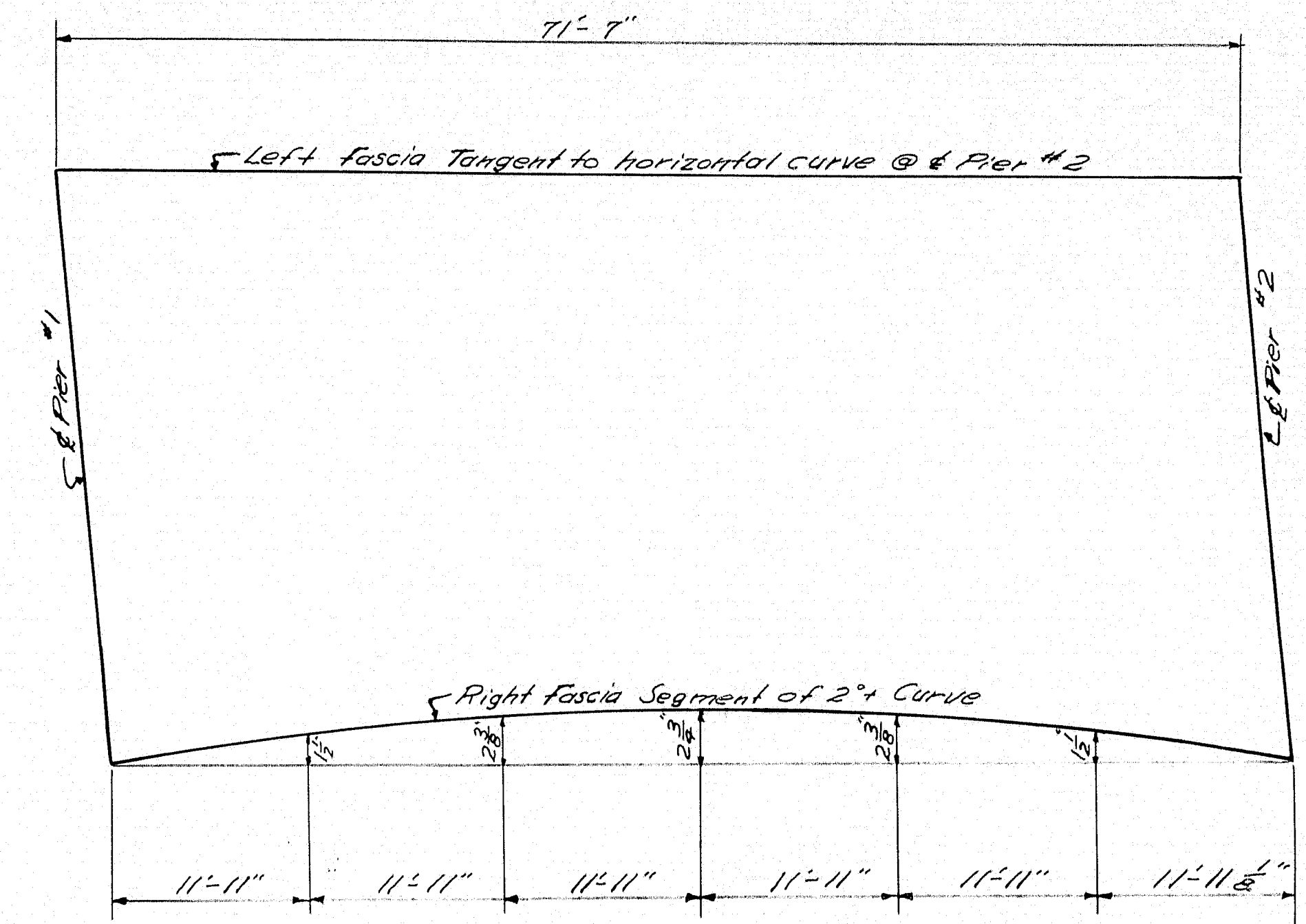
M-1900D

19

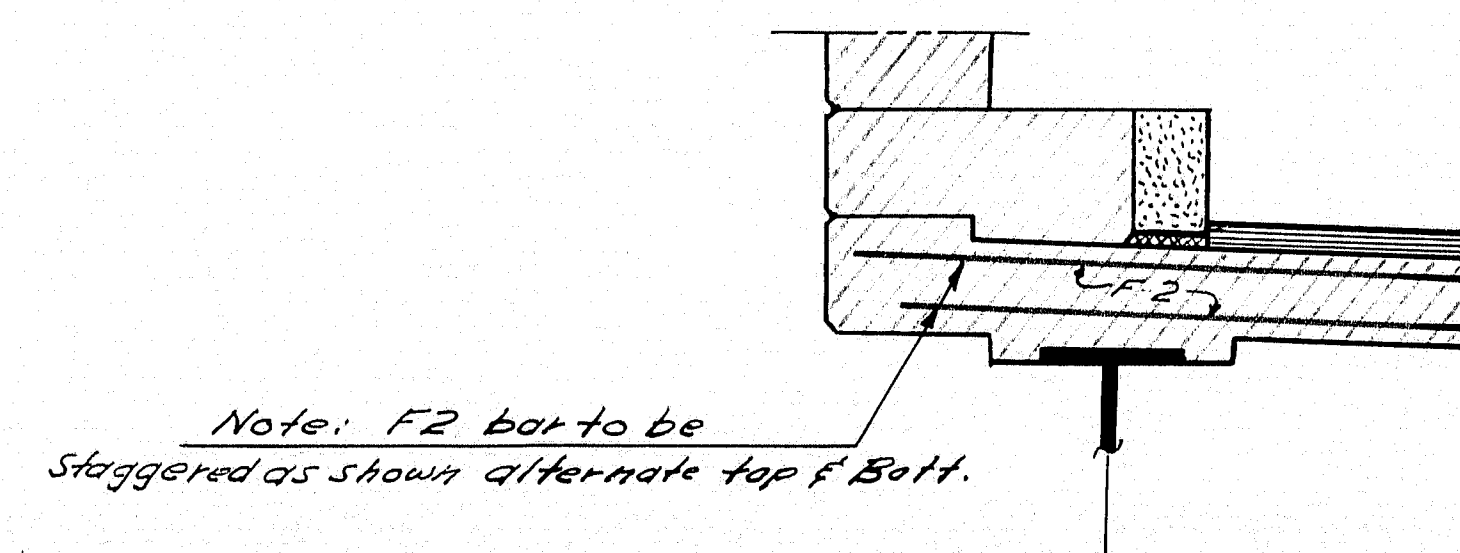




PLAN SPAN NO. 2



FASCIA LAYOUT



DETAIL 'A'

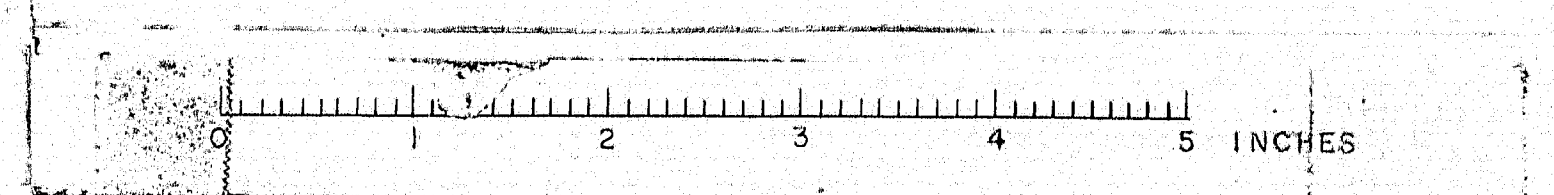
Section B-B: see Sh. 10.

DESIGN - Coffin, DRYAN, Darity	BRIDGE NO.
TRACE - LYON	SURVEY -
CHECK - DRESELY	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
ROUTE NO. 100 BRIDGE OVER	
INTERSTATE NO. 95 IN THE TOWN OF	
PALMYRA, SOMERSET COUNTY	
SUPERSTRUCTURE SPAN 2	

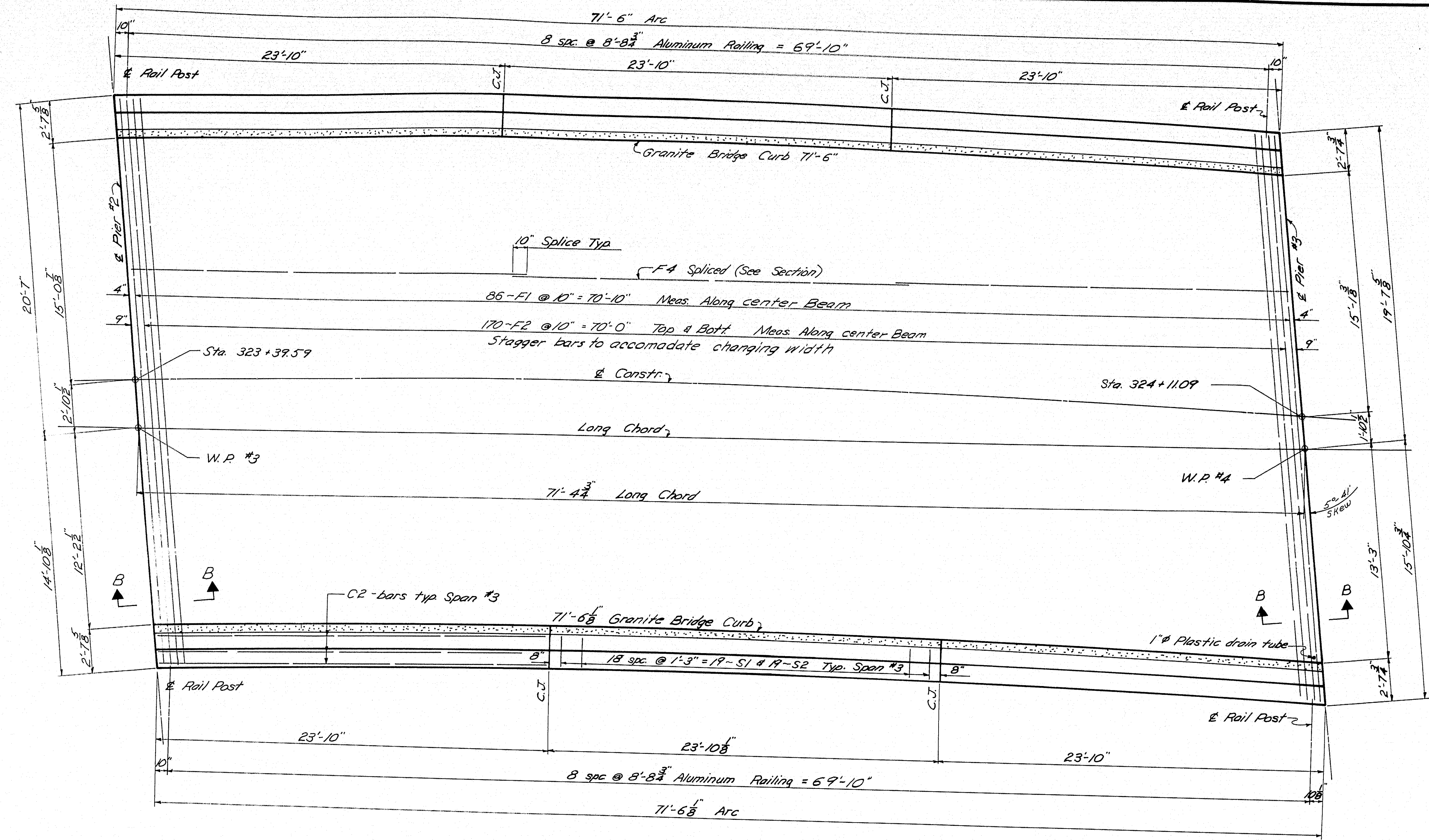
SHEET 11 OF 15 AUGUSTA, MAINE June 1962

M-1900F

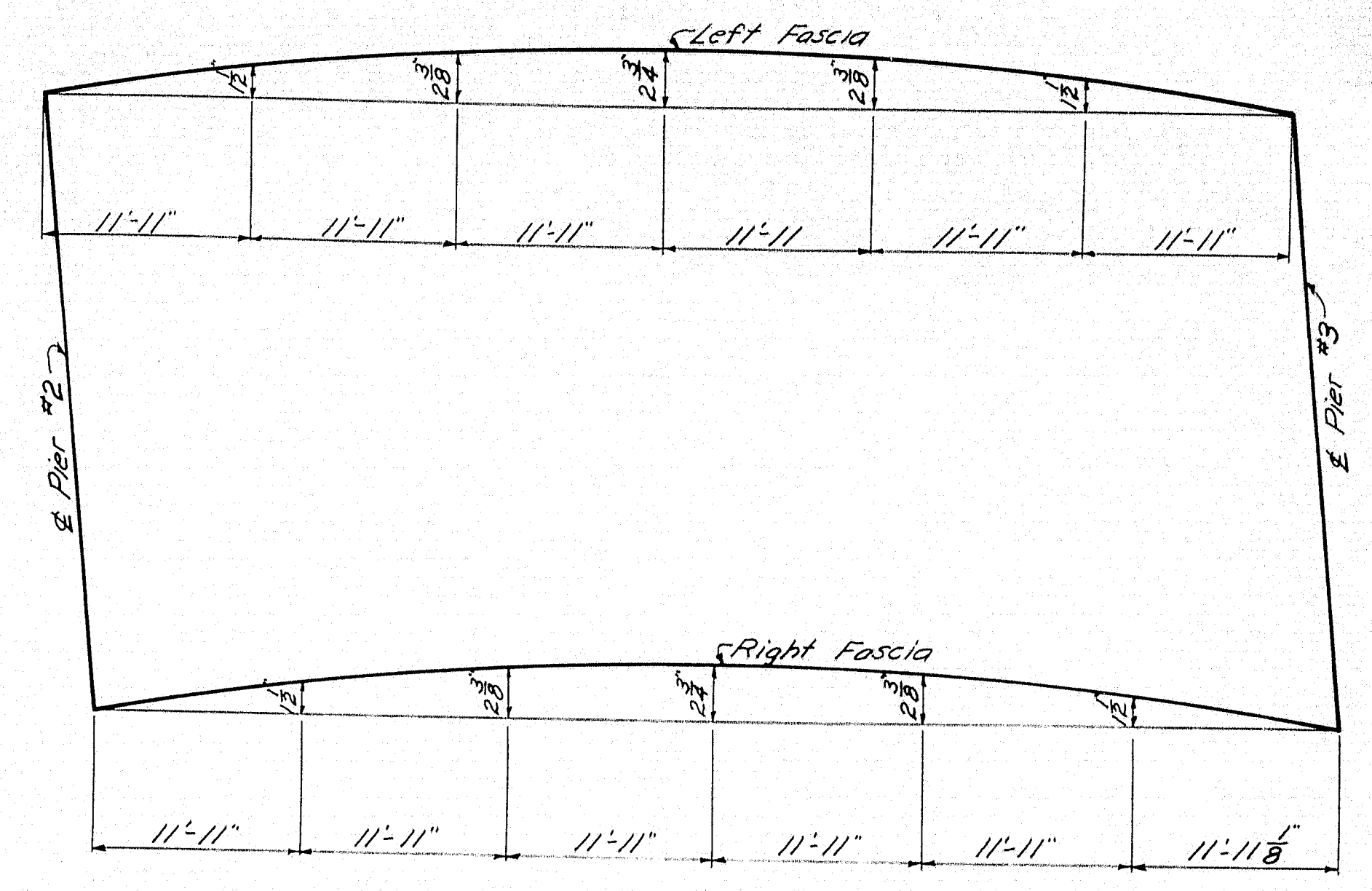
(2)



B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-1122	22	68



PLAN SPAN NO. 3

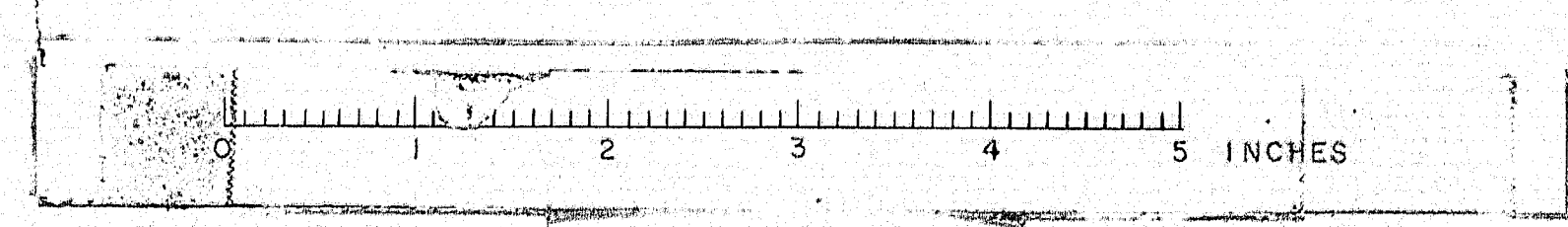


FASCIA LAYOUT

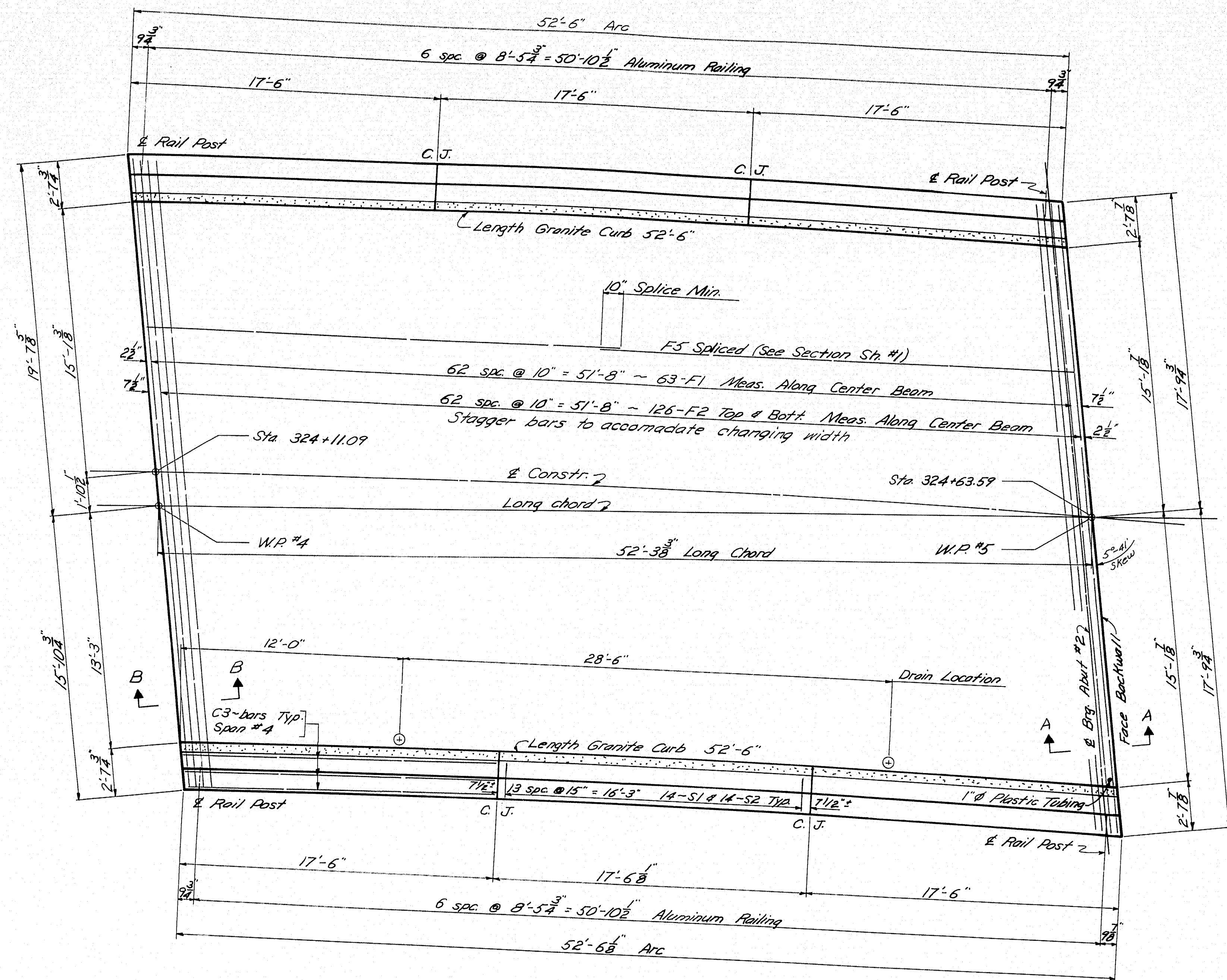
Sect. B-B : see Sh. 10.

DESIGN - Coffin, Del. Darby	BRIDGE NO.
TRACE - R.O.G.	SURVEY -
CHECK - DeSelly	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
ROUTE NO. 100 BRIDGE OVER INTERSTATE NO. 95 IN THE TOWN OF PALMYRA, SOMERST COUNTY	
SUPERSTRUCTURE SPAN 3	
SHEET 12 OF 15 AUGUSTA, MAINE June 1962	

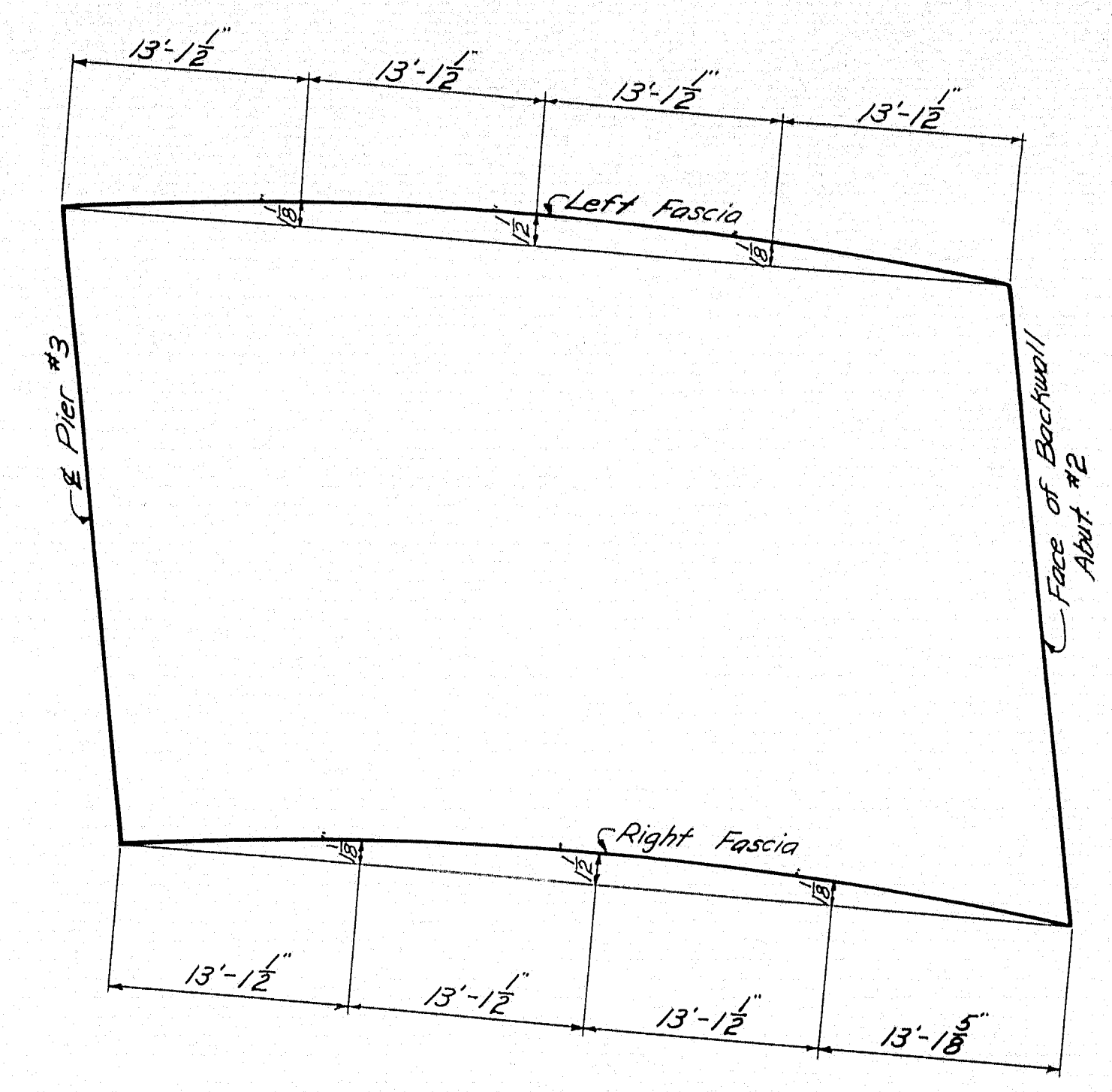
M-19006



D. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-PL291	23	68



PLAN SLAB SPAN No. 4

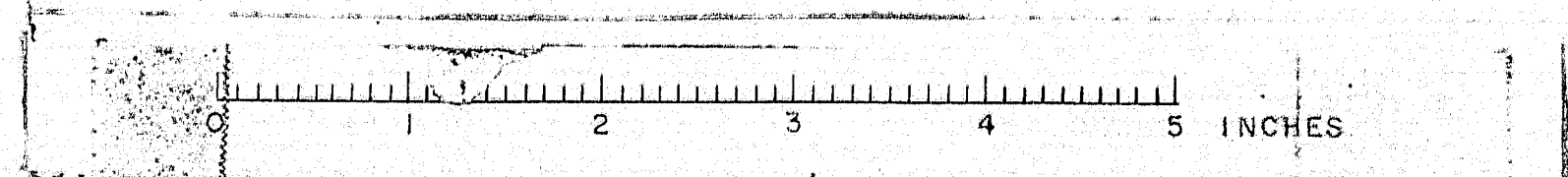


FASCIA LAYOUT

Sects. A-A and B-B: see Sh. 10.

DESIGN- <i>Goffin Deh-Dority</i>	BRIDGE NO.
TRACE- <i>R.D.G.</i>	SURVEY- <i>PLOT</i>
CHECK- <i>DRESELLY</i>	
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
ROUTE NO. 100 BRIDGE OVER INTERSTATE NO. 95 IN THE TOWN OF PALMYRA, SOMERSET COUNTY	
SUPERSTRUCTURE SPAN 4	
SHEET 13 OF 15 AUGUSTA, MAINE June 1962	

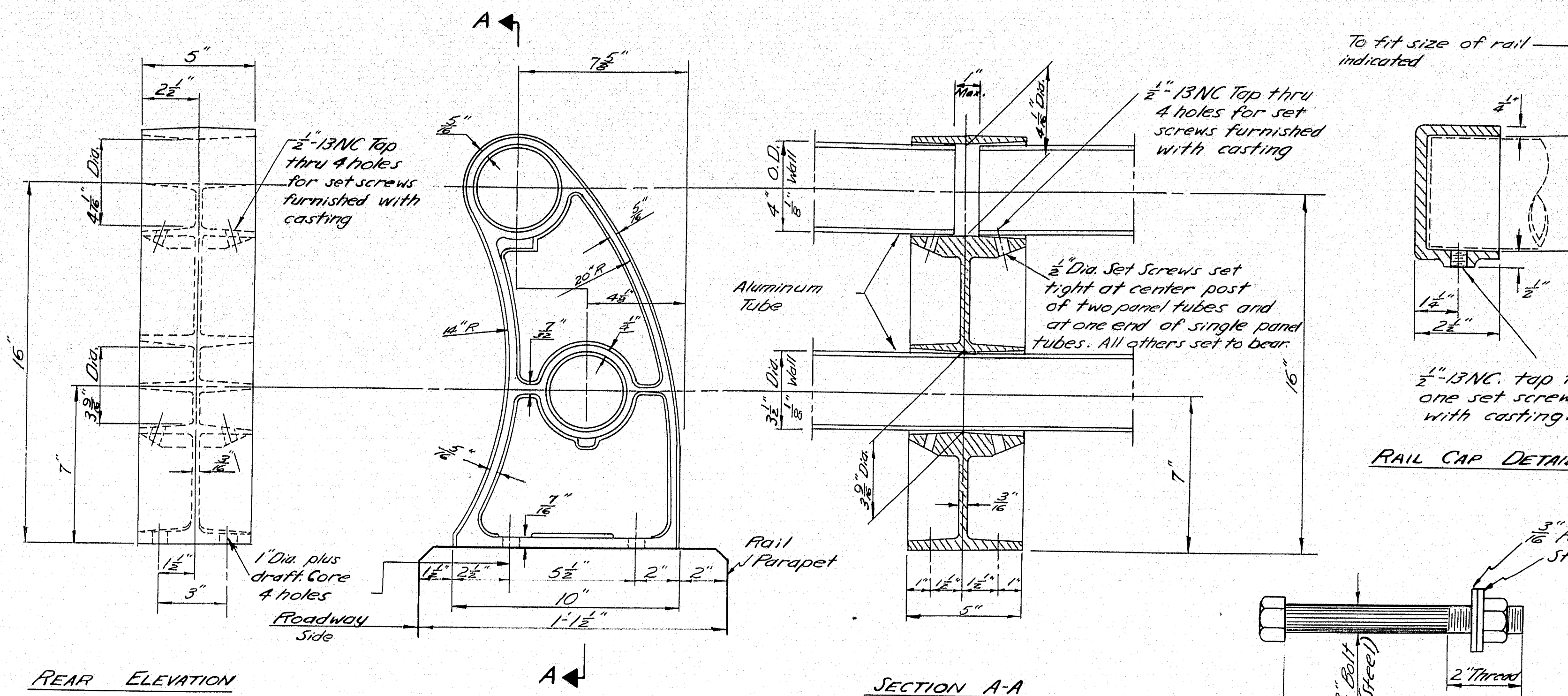
M-1900H



ELEVATION - BOTTOM OF SLAB

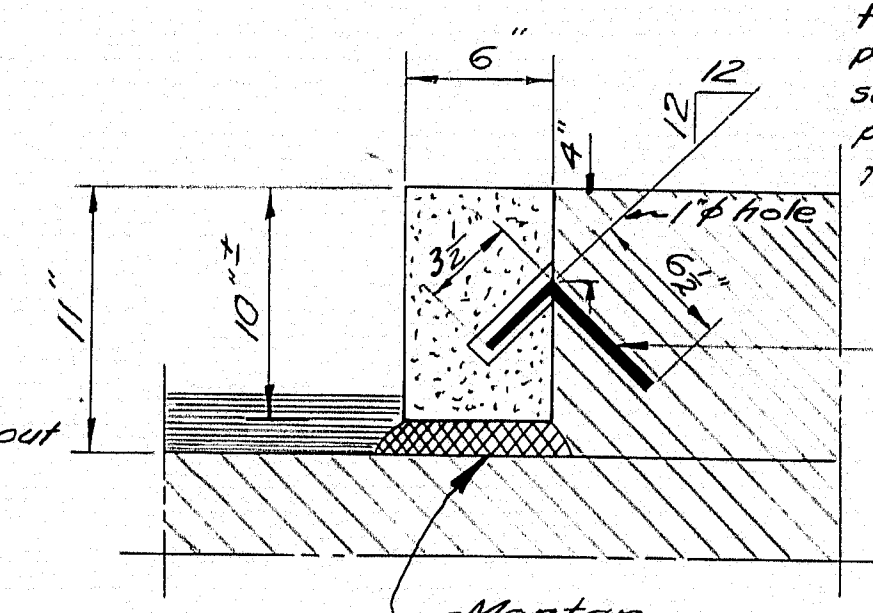
STATION	PT. (A)	PT. (B)	PT. (C)	PT. (D)	PT. (E)
0	245.66	0	245.36	0	244.06
10	245.62	10	245.32	10	244.02
20	245.58	20	245.28	20	244.98
29.17	245.46	29.17	245.17	29.17	244.88
39.17	245.36	39.17	245.06	39.17	244.77
49.17	245.23	49.17	244.94	49.17	244.65
59.17	245.07	59.17	244.79	59.17	244.50
60.01	244.91	60.01	244.63	60.01	244.38
70.01	244.77	70.01	244.49	70.01	244.24
80.01	244.63	80.01	244.35	80.01	244.10
90.01	244.49	90.01	244.21	90.01	243.96
100.01	244.35	100.01	244.07	100.01	243.82
110.01	244.21	110.01	243.93	110.01	243.68
120.01	244.07	120.01	243.79	120.01	243.54
130.01	243.93	130.01	243.65	130.01	243.40
140.01	243.79	140.01	243.51	140.01	243.26
150.01	243.65	150.01	243.37	150.01	243.12
160.01	243.51	160.01	243.23	160.01	242.98
170.01	243.37	170.01	243.09	170.01	242.84
180.01	243.23	180.01	242.95	180.01	242.70
190.01	243.09	190.01	242.81	190.01	242.56
200.01	242.95	200.01	242.67	200.01	242.42
210.01	242.81	210.01	242.53	210.01	242.28
220.01	242.67	220.01	242.39	220.01	242.14
230.01	242.53	230.01	242.25	230.01	242.00
240.01	242.39	240.01	242.11	240.01	241.86
250.01	242.25	250.01	241.97	250.01	241.72
260.01	242.11	260.01	241.83	260.01	241.58
270.01	241.97	270.01	241.69	270.01	241.44
280.01	241.83	280.01	241.55	280.01	241.30
290.01	241.69	290.01	241.41	290.01	241.16
300.01	241.55	300.01	241.27	300.01	241.02

* NOTE: Pr value equals the distance, in feet, measured from the low station bearing line of, and measured in an up-station direction along, each individual stringer.



RAIL CAP DETAIL

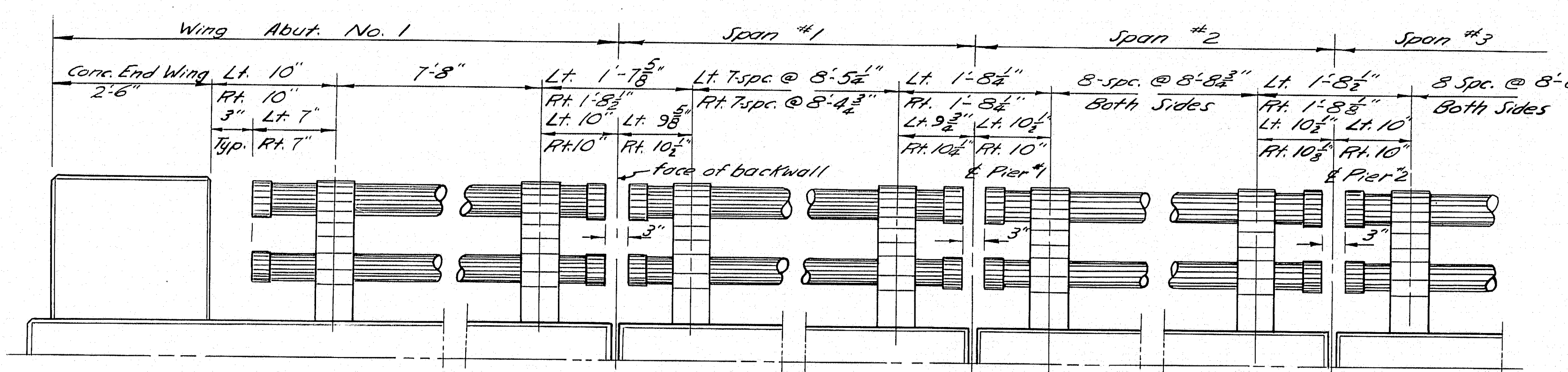
ANCHOR BOLT DETAIL



GRANITE BRIDGE CURB DETAIL

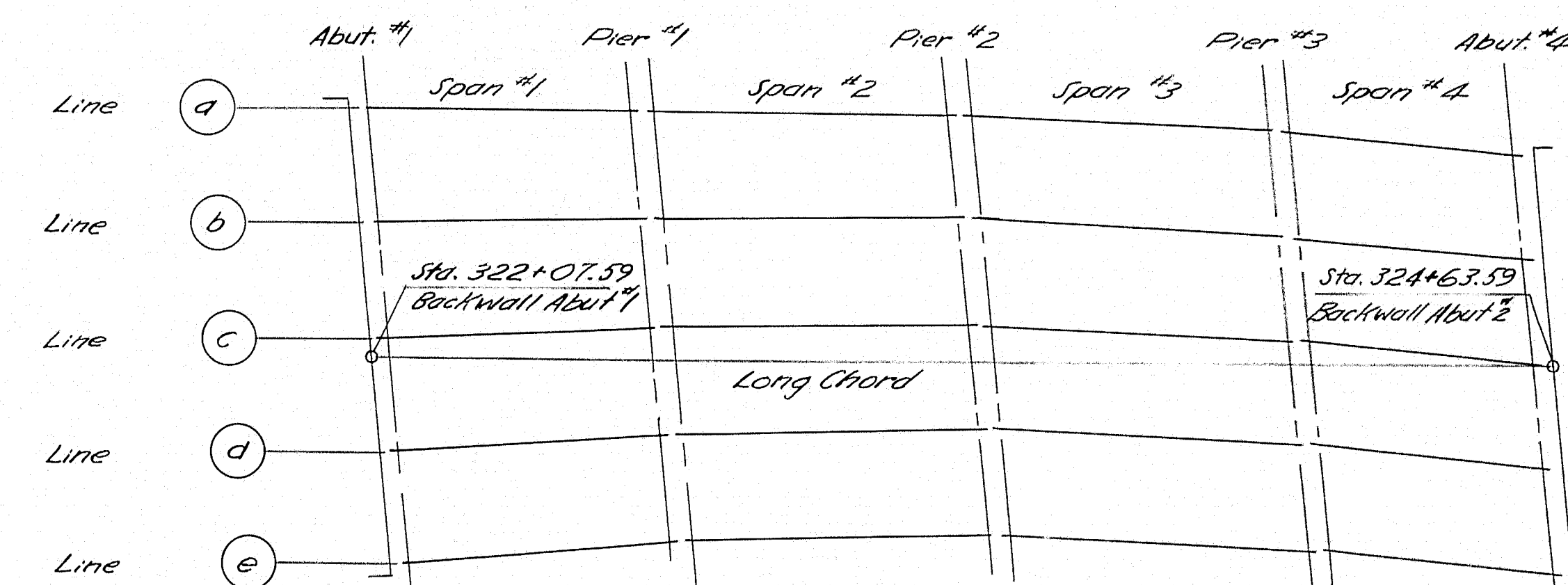
ALUMINUM RAIL POST DETAILS

NOTE: To the extent possible, Aluminum pipe to be continuous for two panels with joints in the top and bottom rails staggered. For rails two panels long, set screws at the center post to be tight. Set screws at the ends to bear. For rails one panel long, set screw at one end to be tight, at other end to bear.



RAIL DETAIL

NOTE: For span lengths see sheets No's 10-11-12-13.



BLOCKING DIAGRAM

NOTE: In order that the roadway slab may conform to the profile and cross sections shown on these plans the accompanying table of Elevations is given. Elevations for the bottom of the slab, which are computed to compensate for dead load deflections, must be set before slab forms are started.

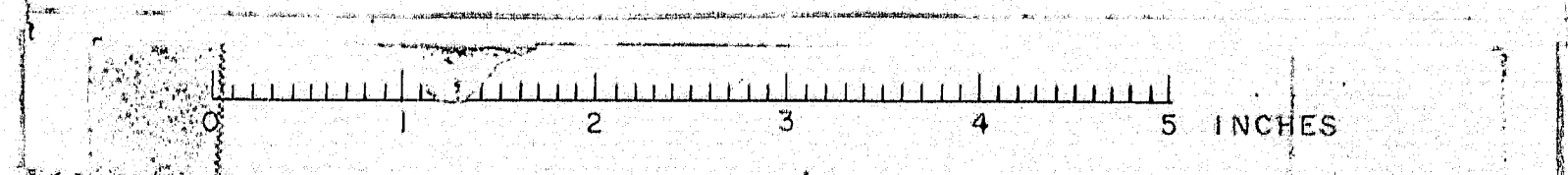
DESIGN - C. R. H. DETAIL - D. R. H. SURVEY - L. J. H. CHECK - D. R. H. PLOT - L. J. H.

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

ROUTE NO. 100 BRIDGE
OVER
INTERSTATE NO. 95
IN THE TOWN OF
PALMYRA, SOMERSET COUNTY

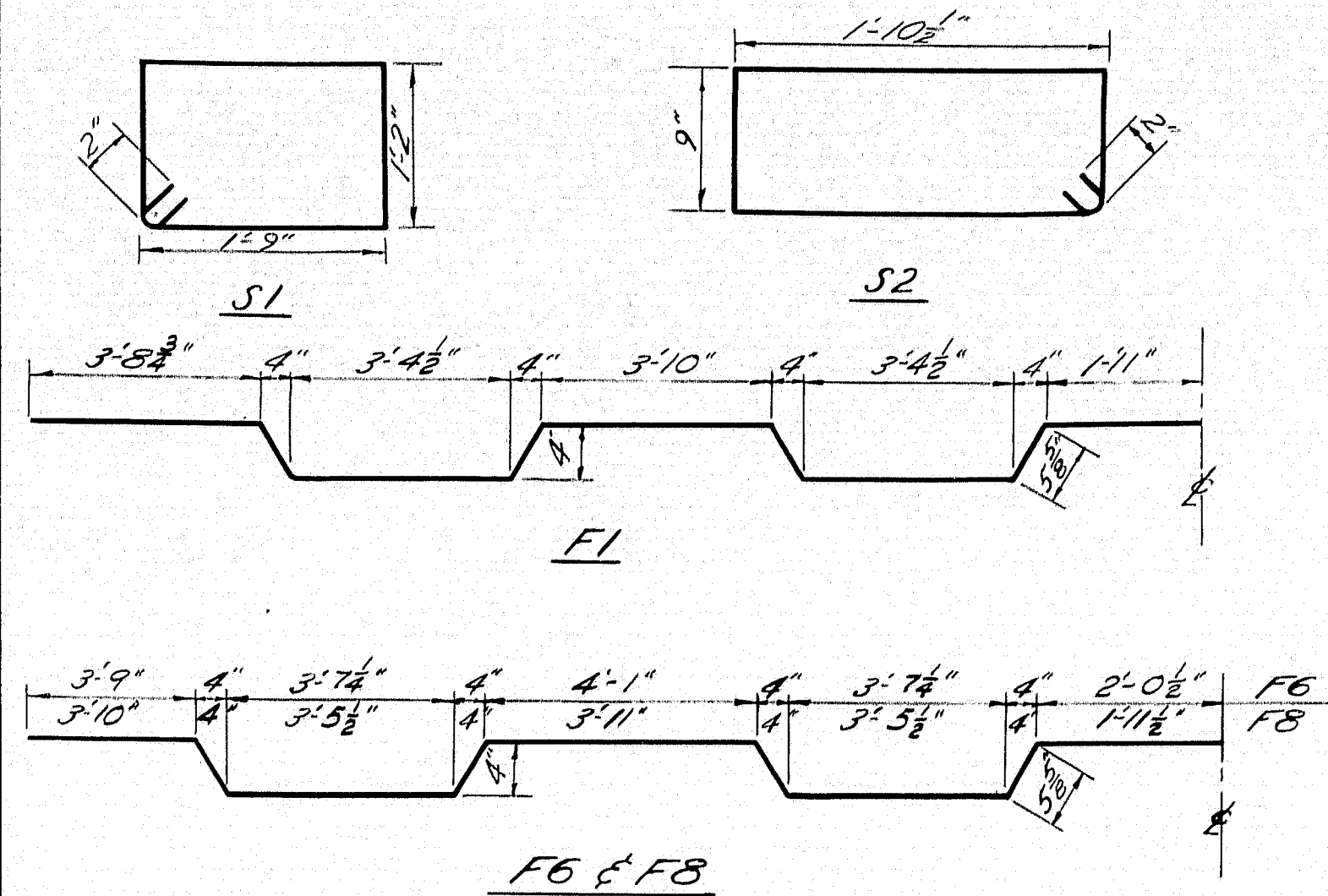
RAIL DETAILS & BLOCKING

SHEET 14 OF 15 AUGUSTA, MAINE JUNE 1962



REINFORCING STEEL SCHEDULE

SUPERSTRUCTURE



All dimensions are measured to E of bar.

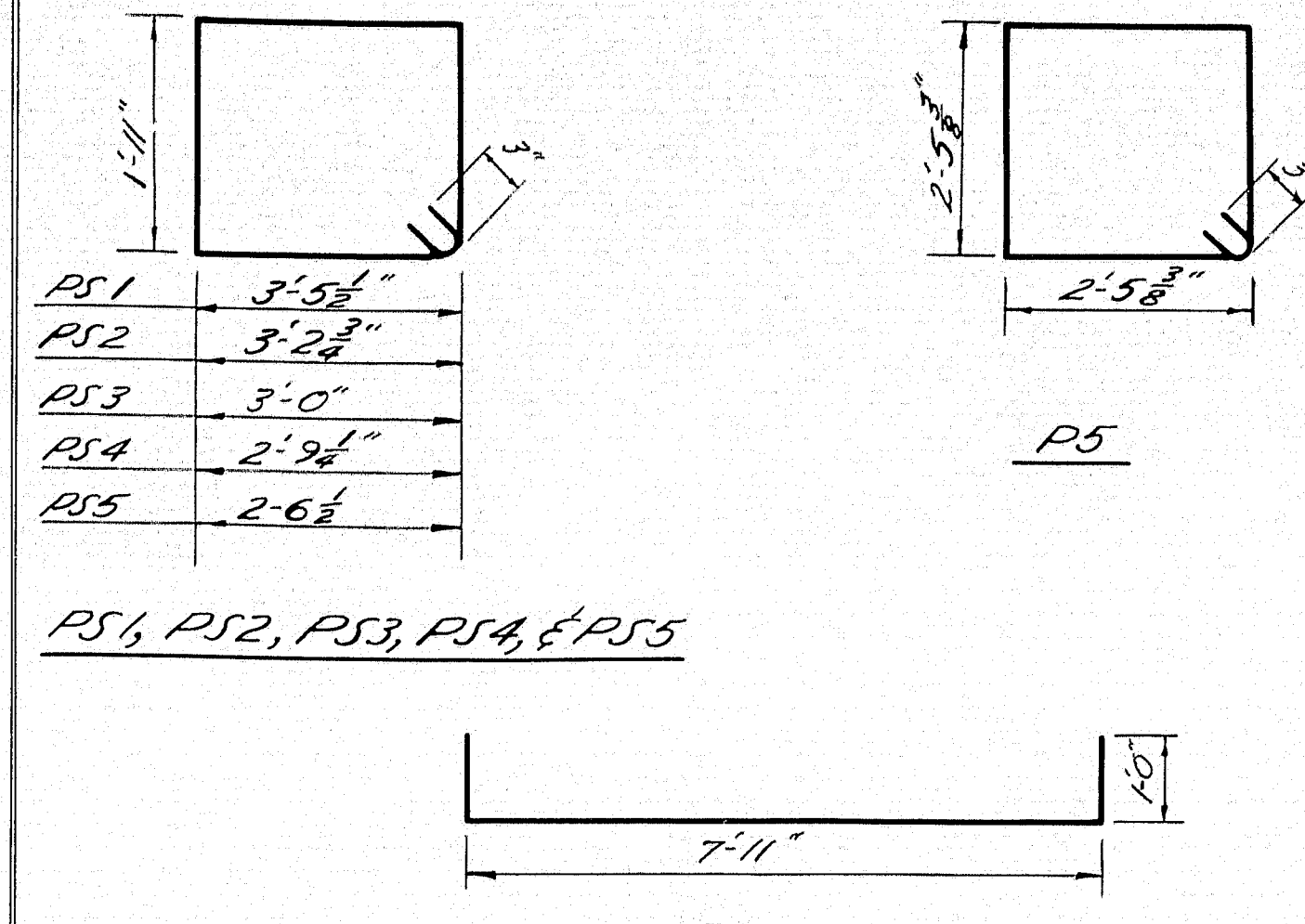
BENT BARS

MARK	SIZE	NO.	LENGTH	LOCATION
S1	#4	408	6'-2"	Curbs - All spans
S2	#4	408	5'-7"	Trail Parapet - All spans
F1	#5	235	36'-4"	Slab spans 2, 3, & 4
F6	#5	39	37'-10"	Slab span 1
F8	#5	36	37'-0"	Slab span 1

STRAIGHT BARS

MARK	SIZE	NO.	LENGTH	LOCATION
F2	#5	466	35'-7"	Slab spans 2, 3, & 4
F3	#5	110	30'-6"	Slab span 1 (Spliced)
F4	#5	330	24'-3"	Slab spans 2, 3, & 4 (Spliced)
F5	#5	110	26'-6"	Slab span 4 (Spliced)
F7	#5	76	36'-11"	Slab span 1
F9	#5	72	35'-11"	Slab span 1
C1	#4	30	19'-10"	Curbs Span 1
C2	#4	60	23'-6"	" " 2 & 3
C3	#4	30	17'-2"	" " 4

PIERS



All dimensions are measured to E of bar.

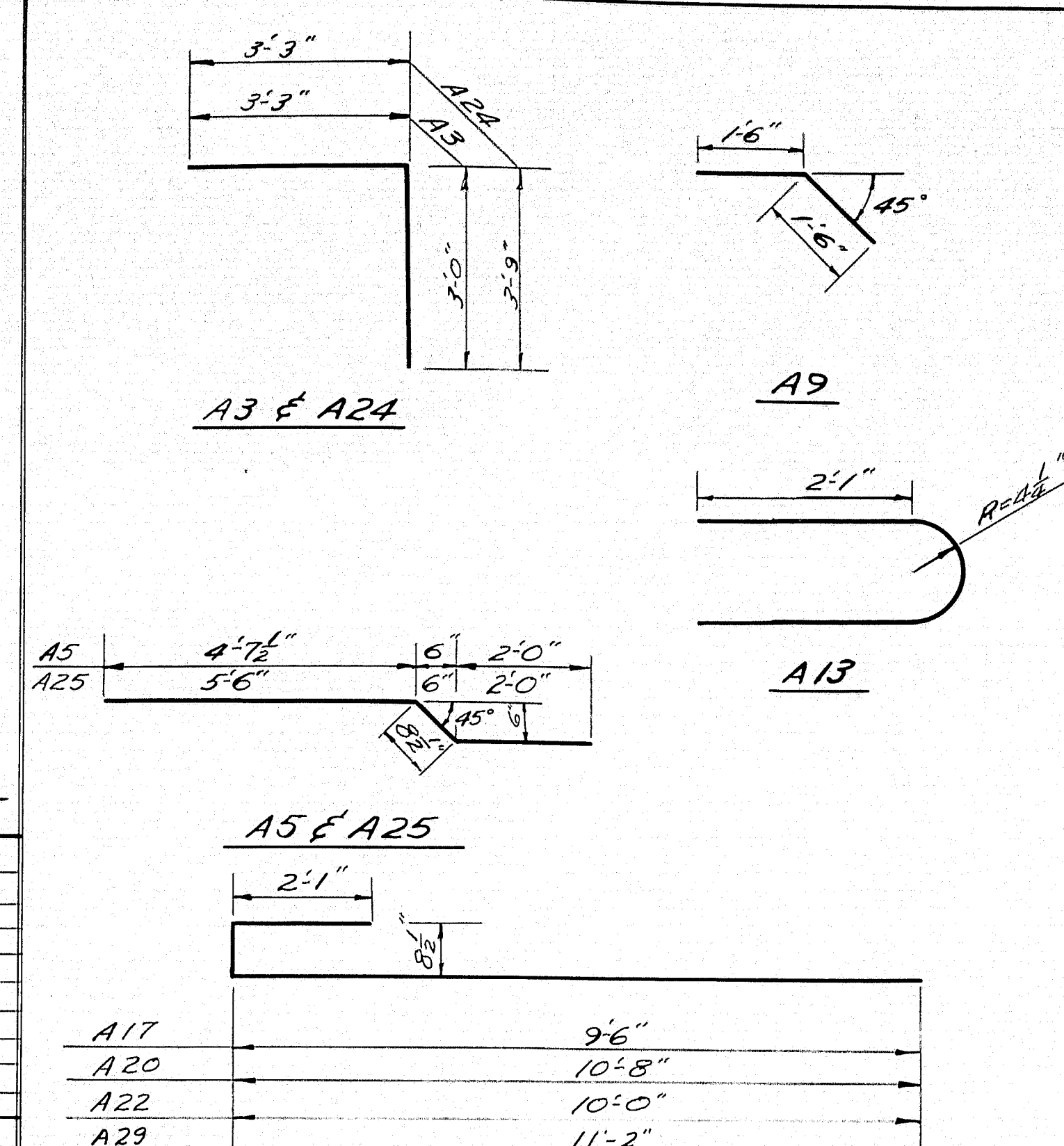
BENT BARS

MARK	SIZE	NO.	LENGTH	LOCATION
PS1	#4	168	11'-3"	Pier Caps
PS2	#4	12	10'-10"	"
PS3	#4	12	10'-4"	"
PS4	#4	12	9'-11"	"
PS5	#4	12	9'-5"	Pier Caps
P1	#9	162	9'-11"	Pier Footings
P5	#5	180	10'-4"	Columns

STRAIGHT BARS

MARK	SIZE	NO.	LENGTH	LOCATION
P2	#9	12	24'-3"	Pier 1 - Column 1
P3	#9	12	23'-5"	Pier 2 - Column 1
P4	#9	12	21'-5"	Pier 3 - Column 1
P6	#9	12	24'-9"	Pier 1 - Column 2
P7	#9	12	23'-11"	Pier 2 - Column 2
P8	#9	12	21'-11"	Pier 3 - Column 2
P9	#9	108	4'-9"	Dowels - Figs. to Columns
P10	#9	12	25'-3"	Pier 1 - Column 3
P11	#9	12	24'-5"	Pier 2 - Column 3
P12	#9	12	22'-6"	Pier 3 - Column 3
P14	#10	12	11'-0"	Pier Caps
P15	#10	24	19'-1"	"
P16	#6	24	18'-0"	"
P17	#7	18	18'-2"	"
P18	#7	6	20'-0"	"

ABUTMENTS



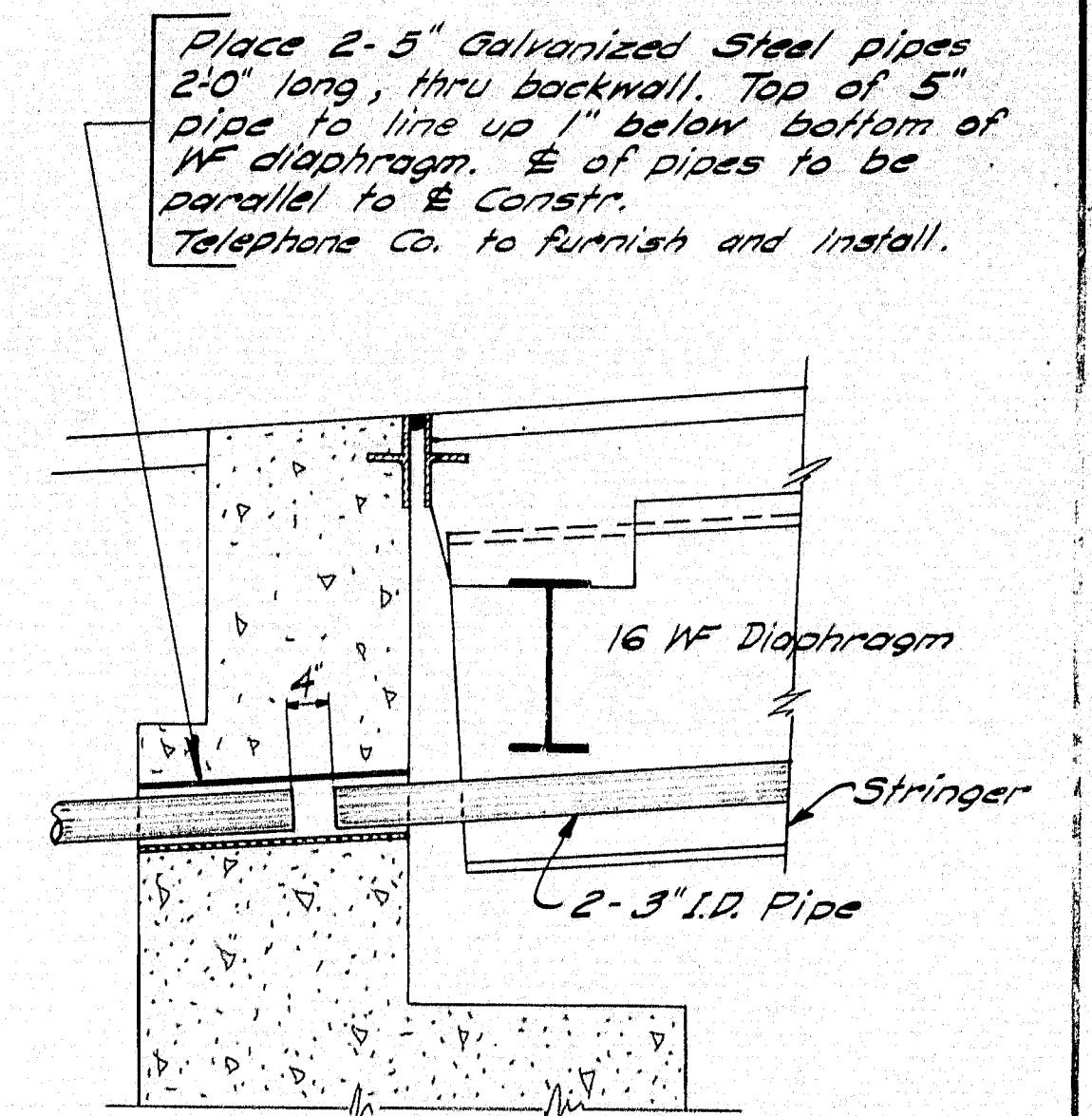
All dimensions are measured to E of bar.

BENT BARS

MARK	SIZE	NO.	LENGTH	LOCATION
A3	#5	22	6'-3"	Bridge Seats Abutment #1
A5	#5	22	7'-4"	Back wall Abut. 1
A9	#5	42	3'-0"	Abut. to Appro. Slabs Abut. 1 & 2
A13	#5	12	5'-3"	End Wings - Both Abutments
A17	#5	8	12'-4"	Wing - Abut. No. 1
A20	#5	8	13'-6"	Wing - Abut. No. 1
A22	#5	8	12'-10"	Right Wing - Abut. No. 2
A24	#5	21	7'-0"	Bridge Seat - Abut. No. 2
A25	#5	21	6'-3"	Back wall - Abut. No. 2
A29	#5	8	14'-0"	Left Wing - Abut. No. 2

STRAIGHT BARS

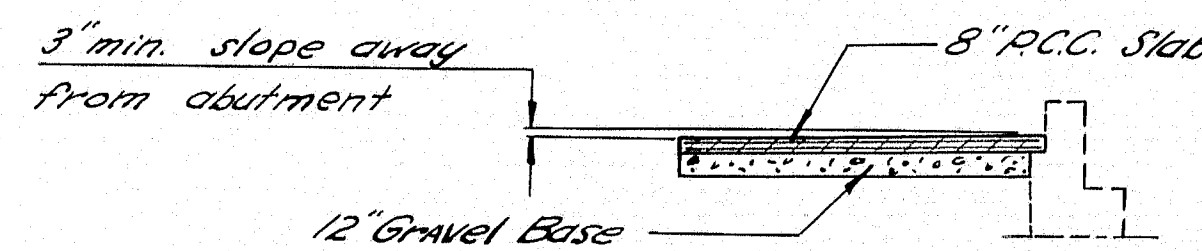
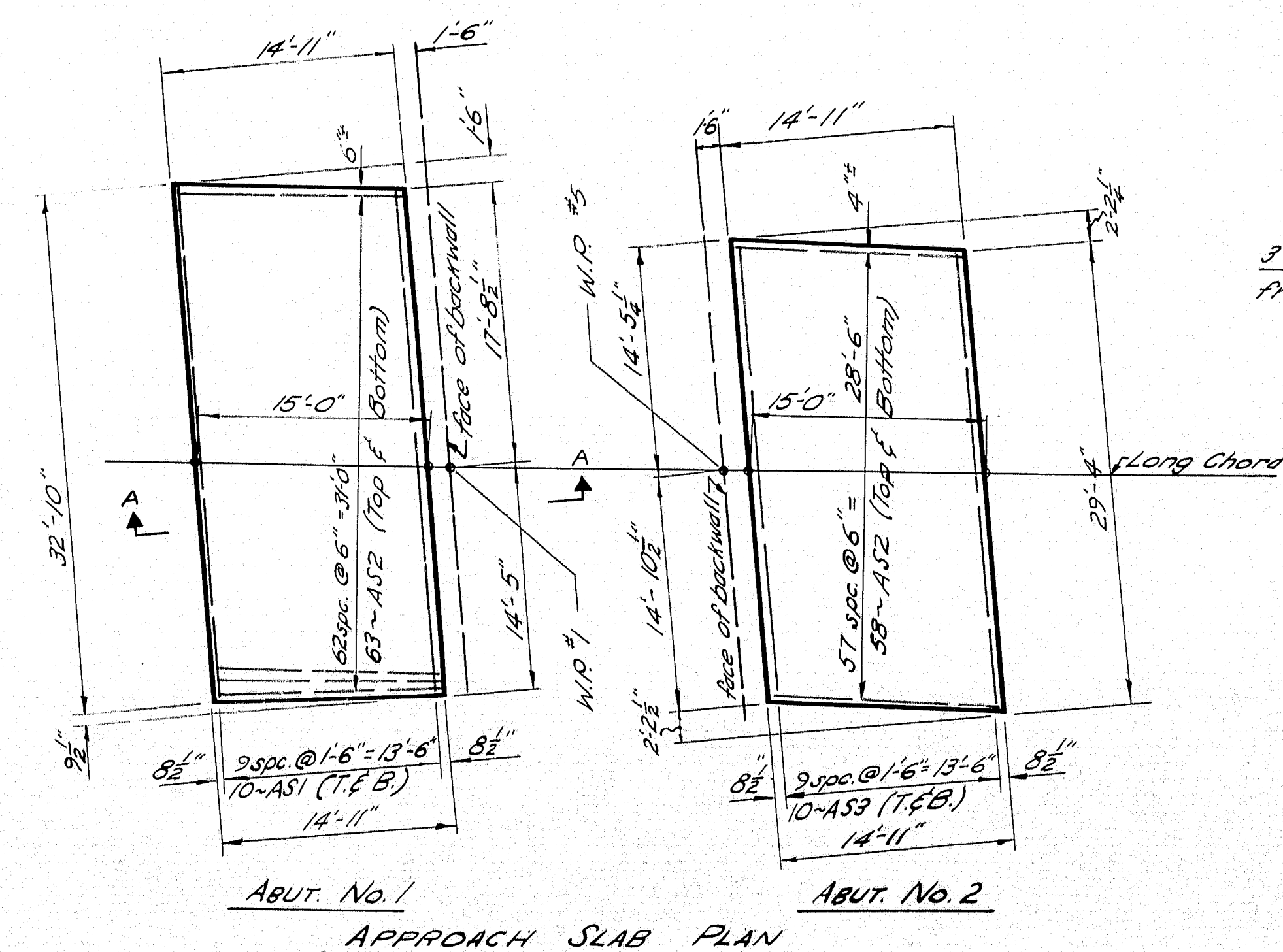
MARK	SIZE	NO.	LENGTH	LOCATION
A1	#6	12	21'-2"	Footings - Abut. 1
A2	#6	62	5'-3"	Footings - Both Abuts.
A4	#5	43	5'-5"	Back wall - Both Abuts.
A6	#5	12	37'-9"	Abut. 1
A7	#6	43	5'-0"	Back wall to Footing - Both Abuts.
A8	#6	4	37'-9"	Abut. 1
A10	#6	20	14'-8"	Footing - Both Abuts.
A11	#6	40	4'-2"	Footing - Both Abuts.
A12	#6	58	11'-3"	Wings - Both Abuts.
A14	#5	8	2'-0"	End Wings - Both Abuts.
A15	#6	34	13'-0"	Wings - Both Abuts.
A16	#6	64	4'-3"	Footing to Wing - Both Abuts.
A18	#5	8	9'-8"	Left wing - Abut. 2
A19	#5	8	8'-0"	Wing - Abut. 1
A21	#5	8	9'-2"	Wing - Abut. 1
A23	#5	8	8'-6"	Rt. Wing - Abut. 2
A26	#6	12	19'-10"	Footing - Abut. 2
A27	#5	14	35'-3"	Abut. 2
A28	#6	4	35'-3"	Bridge Seat - Abut. 2



SLEEVE DETAIL
Abut. #1 Shown, Abut. #2 Similar

APPROACH SLABS

MARK	SIZE	NO.	LENGTH	LOCATION
AS1	#4	20	31'-9"	Approach Slab - Abut. 1
AS2	#6	242	14'-8"	Both Approach Slabs
AS3	#4	20	29'-0"	Approach Slab - Abut. 2



SECTION A-A

NOTES: 1. Reinforcing Steel to be 1" clear top & bottom.
2. Payment for concrete in approach slabs to be made under Item 701-33, Portland Cement Concrete, Abutments and Retaining Walls.

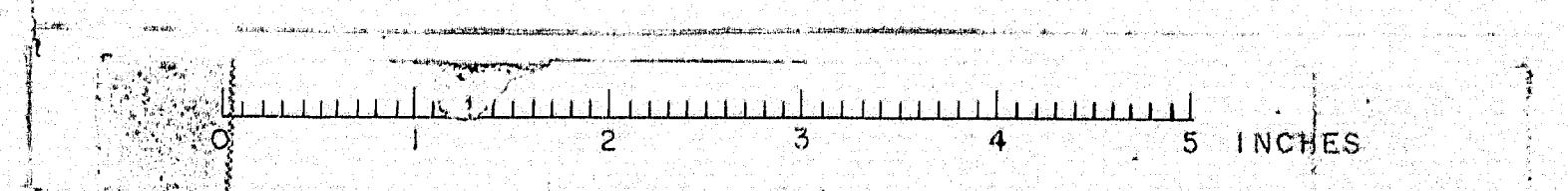
NOTE: Reinforcing Steel to be of Intermediate Grade

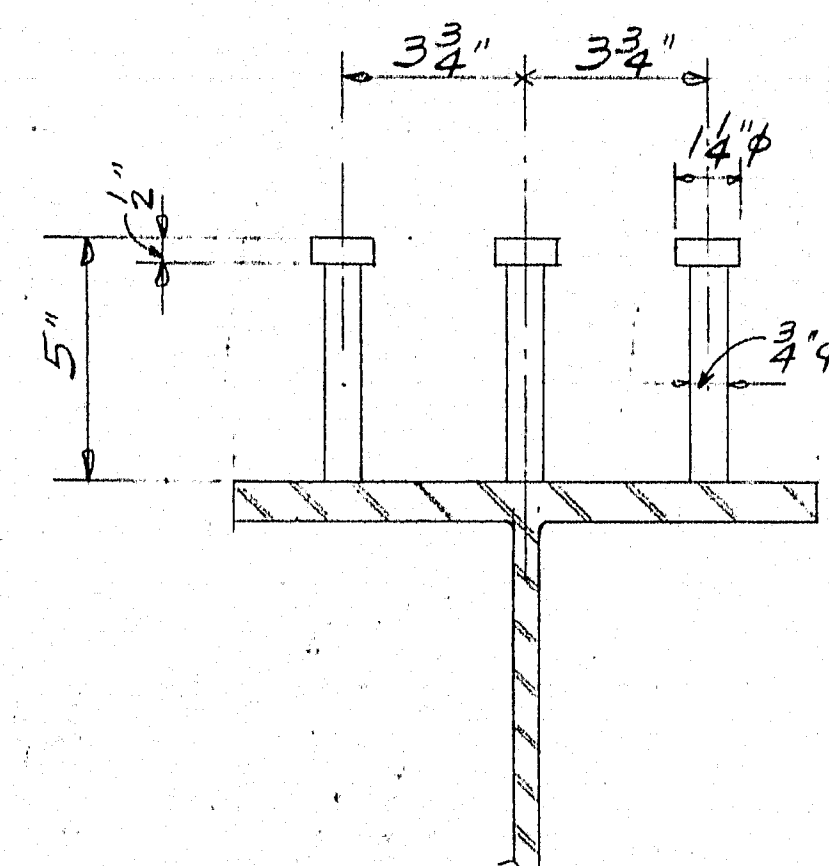
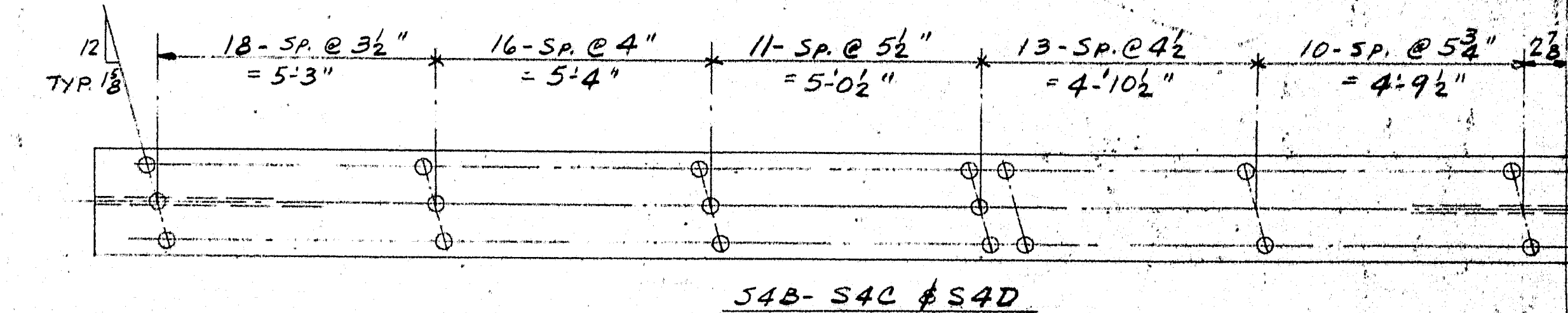
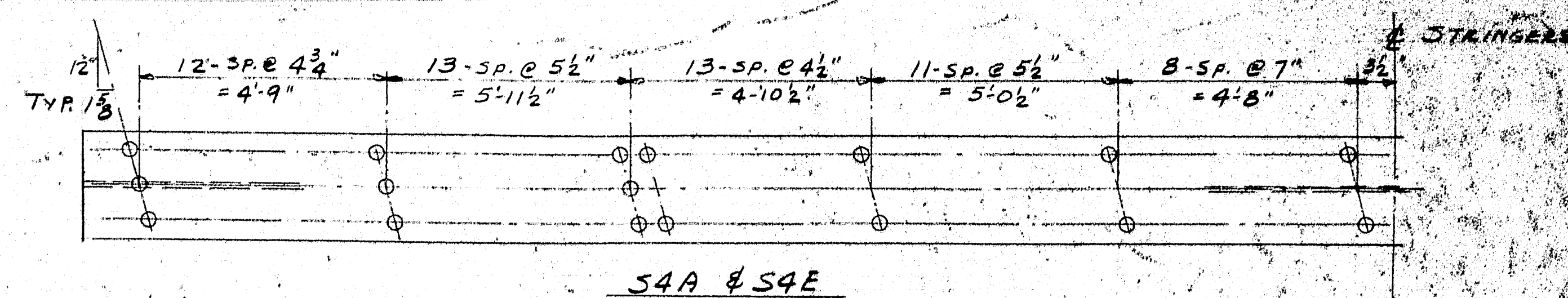
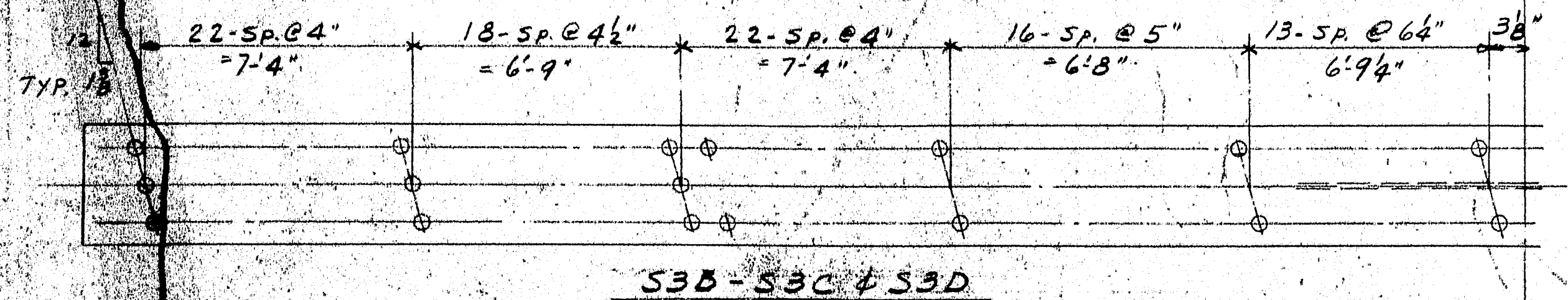
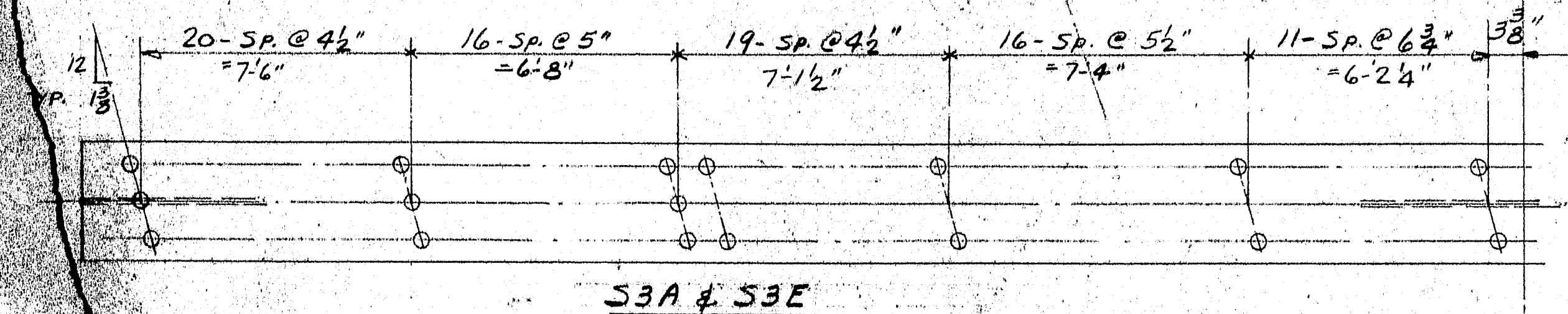
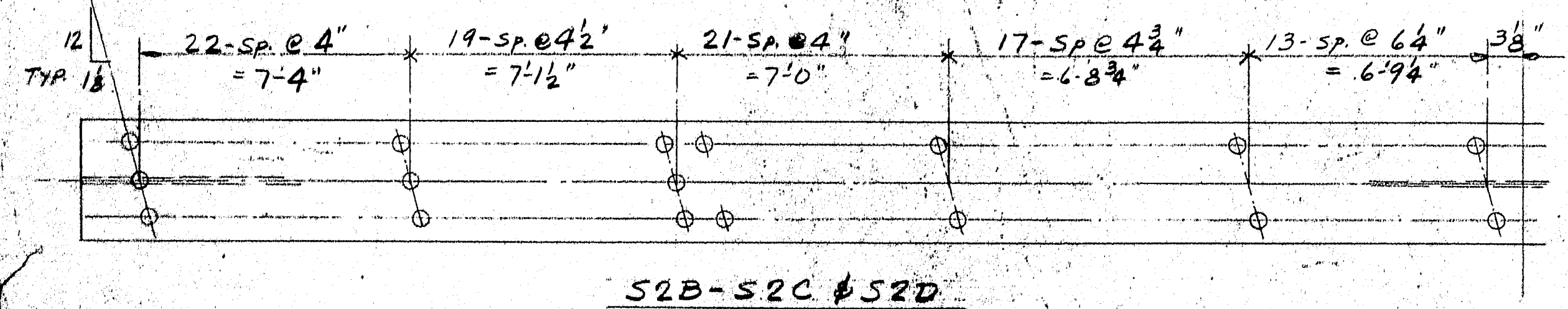
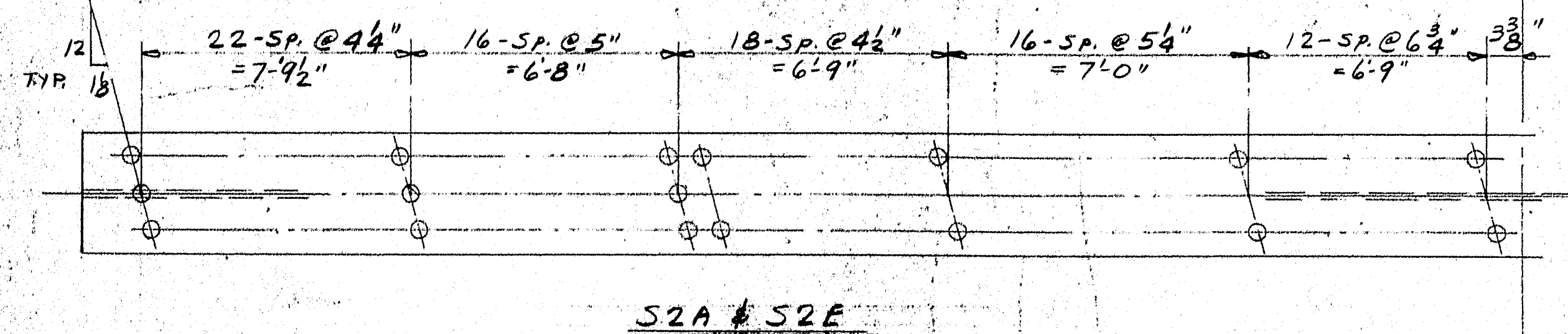
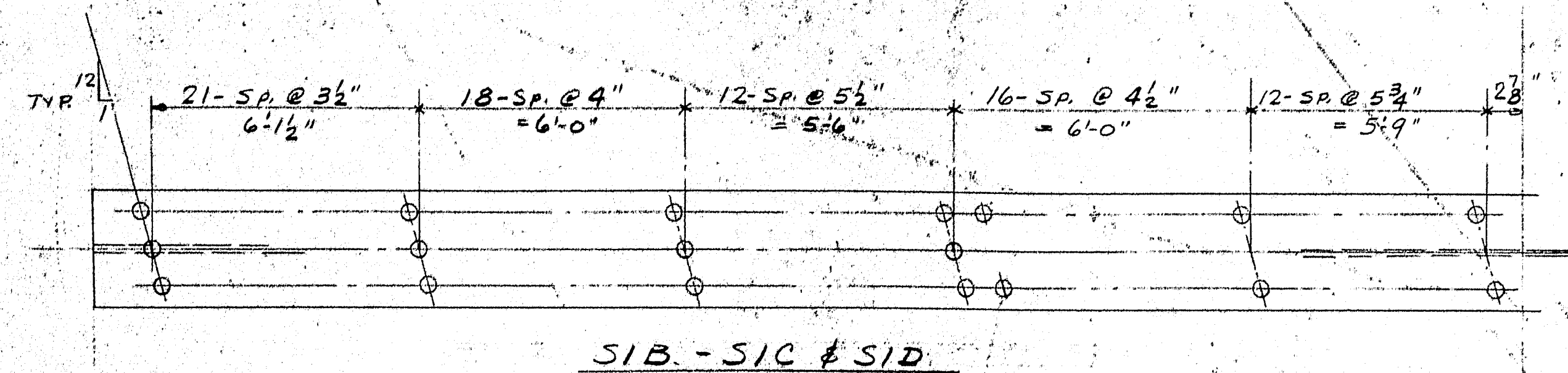
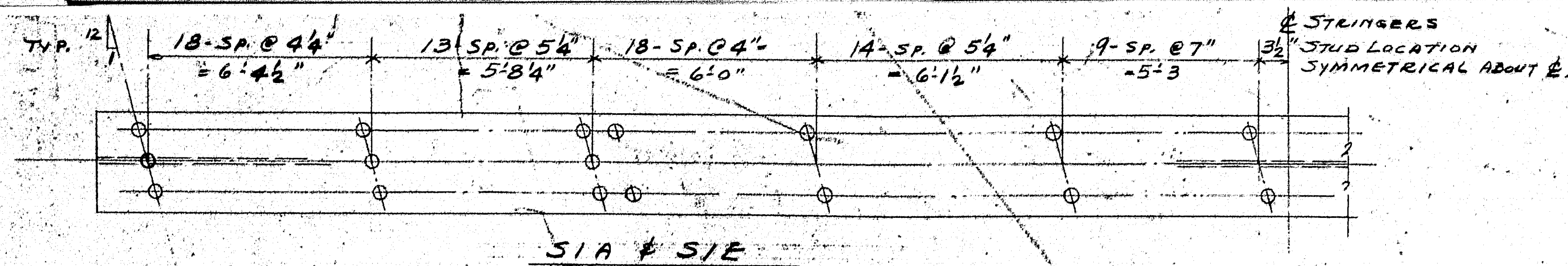
DESIGN - H.D.P.R. DETAIL - Lyan
TRACE - Lyan
CHECK - M.C.R. [Pier] R.P. [Other]
BRIDGE NO. 100
SURVEY -
PLOT -
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
ROUTE NO. 100 BRIDGE
OVER
INTERSTATE NO. 95
IN THE TOWN OF
PALMYRA, SOMERSET COUNTY
REINFORCING STEEL SCHEDULE B
APPROACH SLAB DETAILS

SHEET 15 OF 15 AUGUSTA, MAINE June 1962

M-1900J

25

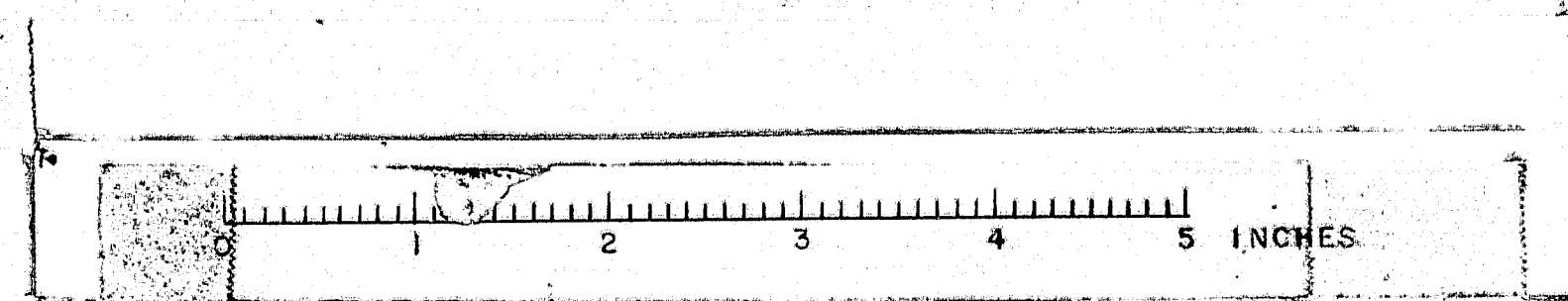


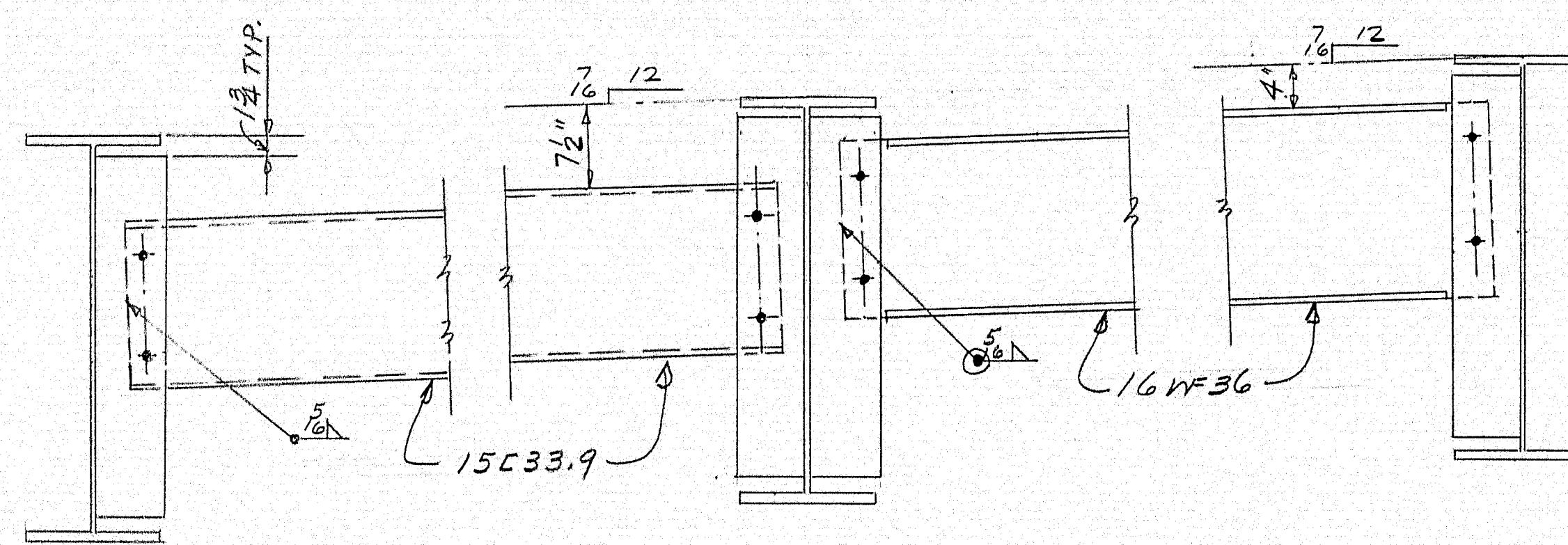
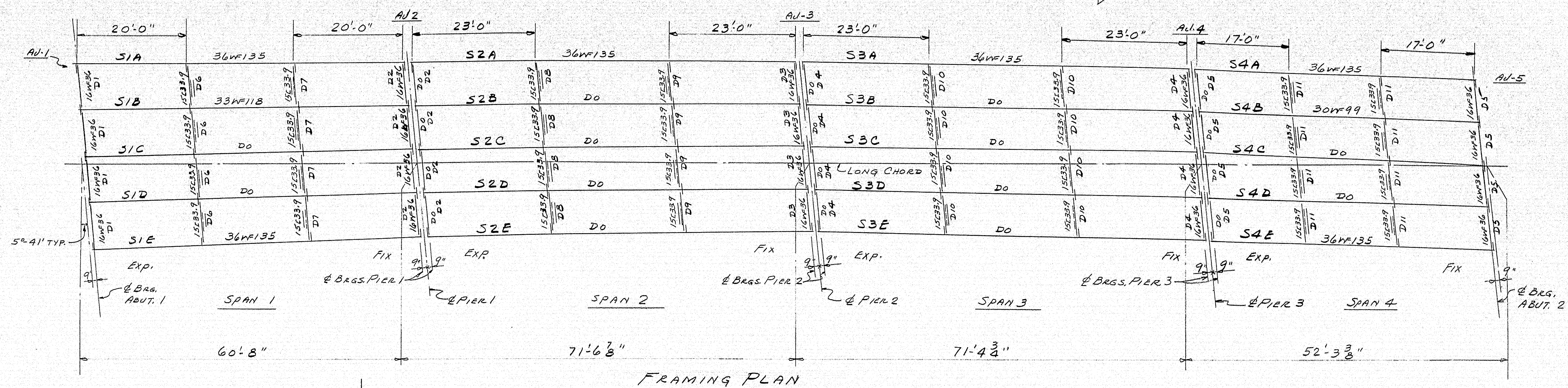


SHOP CONNECTIONS: AUTOMATICALLY WELDED
FIELD CONNECTIONS: _____
HOLES: _____
PAINT: _____

APPROVED 10-12-62

STUD LOCATIONS	
PRINT ISSUE	Bancroft & Martin Rollings Mills Company Brewer, Maine
5 ERECT 10-18-62	ROUTE #100 BRIDGE OVER INTER. #95
5 SHOP 10-18-62	PALMYRA - NEWPORT MAINE
2 F.A. 10-10-62	CUSTOMER REED & REED
DRAWN 10-8-62 G.M.	DESIGNER STATE HIGHWAY COMM.
REVISION	ORDER VERBAL
REVISION	DWG. 862-237-S9



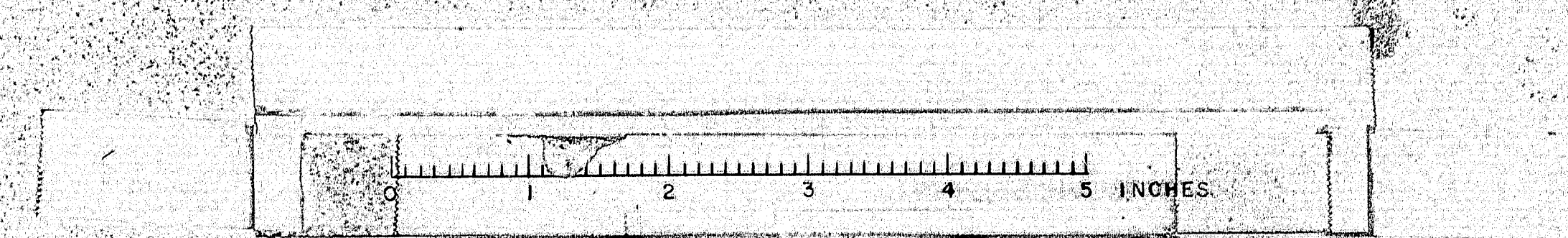


SHOP CONNECTIONS: WELD
 FIELD CONNECTIONS: WELD
 HOLES: 1 1/2" ϕ UNLESS NOTED
 PAINT: STATE SPECS.

APPROVED 10-12-62

FRAMING PLAN	
PRINT ISSUE	
Bancroft & Martin Rolling Mills Company	
Brewer, Maine	
Rte. 100 Bridge Over Inter. #95	
PALMYRA-NEWPORT, MAINE.	
5	ERECT 10-18-62
8	SHOP 10-18-62
2	F.A. 10-10-62
DRAWN	9-28-62 E.M.
REVISION	
REVISION	
REVISION	
ORDER	VERBAL
DWG.	B62-237-E1

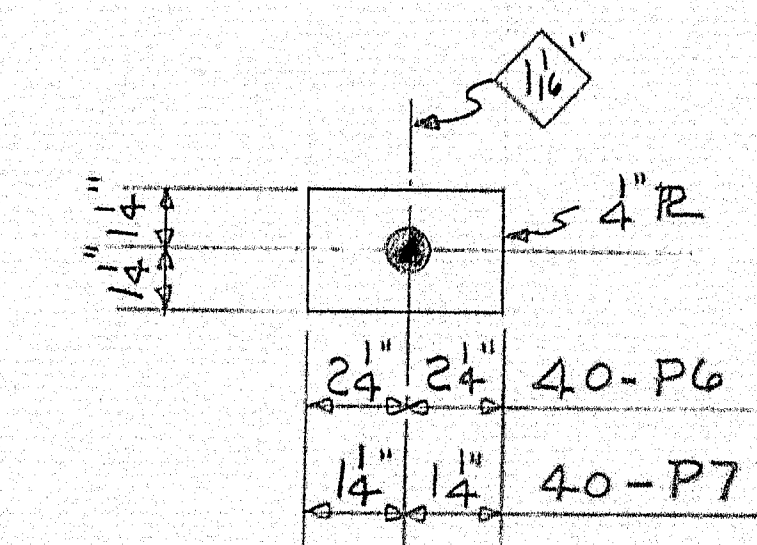
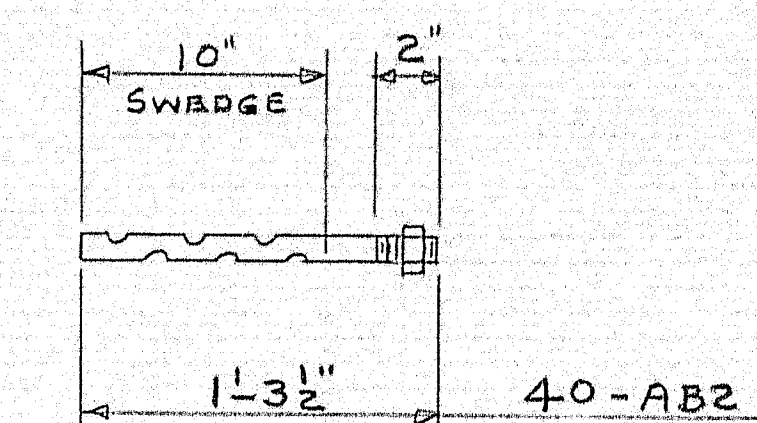
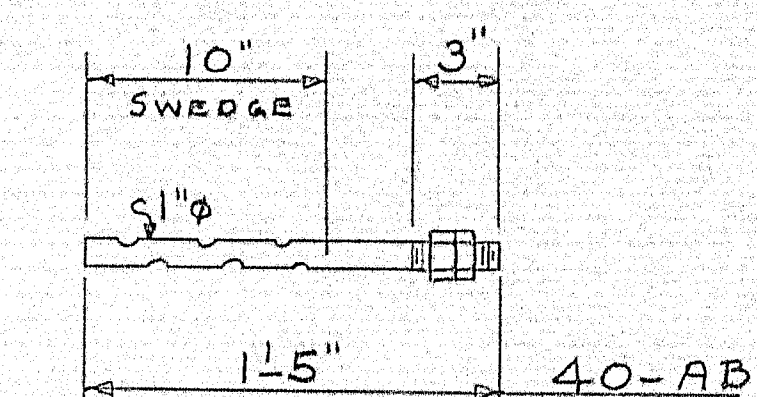
92-190



SHIP		BILL OF MATERIAL			DWG. B61-237-51	
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
P1	20		R-7x2	0 9 1/2		REQ # 1957
P2	20		R-5x2	0 9 1/2		
P3	20		R-9x1 1/4	1 8		
P4	20		D _o	1 8		
P5	20		R-8x2	1 8		
	40	f1	BAR 1/2 x 4	0 9		
	40	f2	D _o	0 5		
	80		1" R.O.D	0 1 1/2		PINTLES
AB1	40		D _o	1 5		
AB2	40		D _o	1 3 1/2		
	120		1" NUTS			
P6	40		R-2 1/2 x 4	0 4 1/2		
P7	40		D _o	0 2 1/2		
P8	20		R-6x2	0 10		BRONZE SALPLUB R1869

SCALE WT.

STRUCT. STEEL IS ITEM 702-103
BRONZE R IS ITEM 703-9



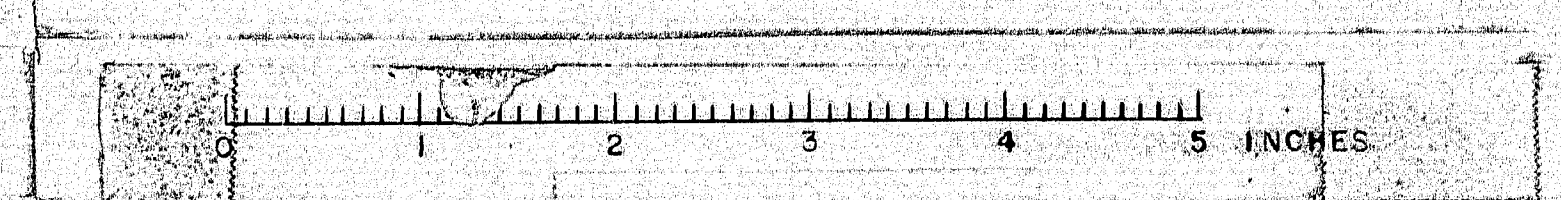
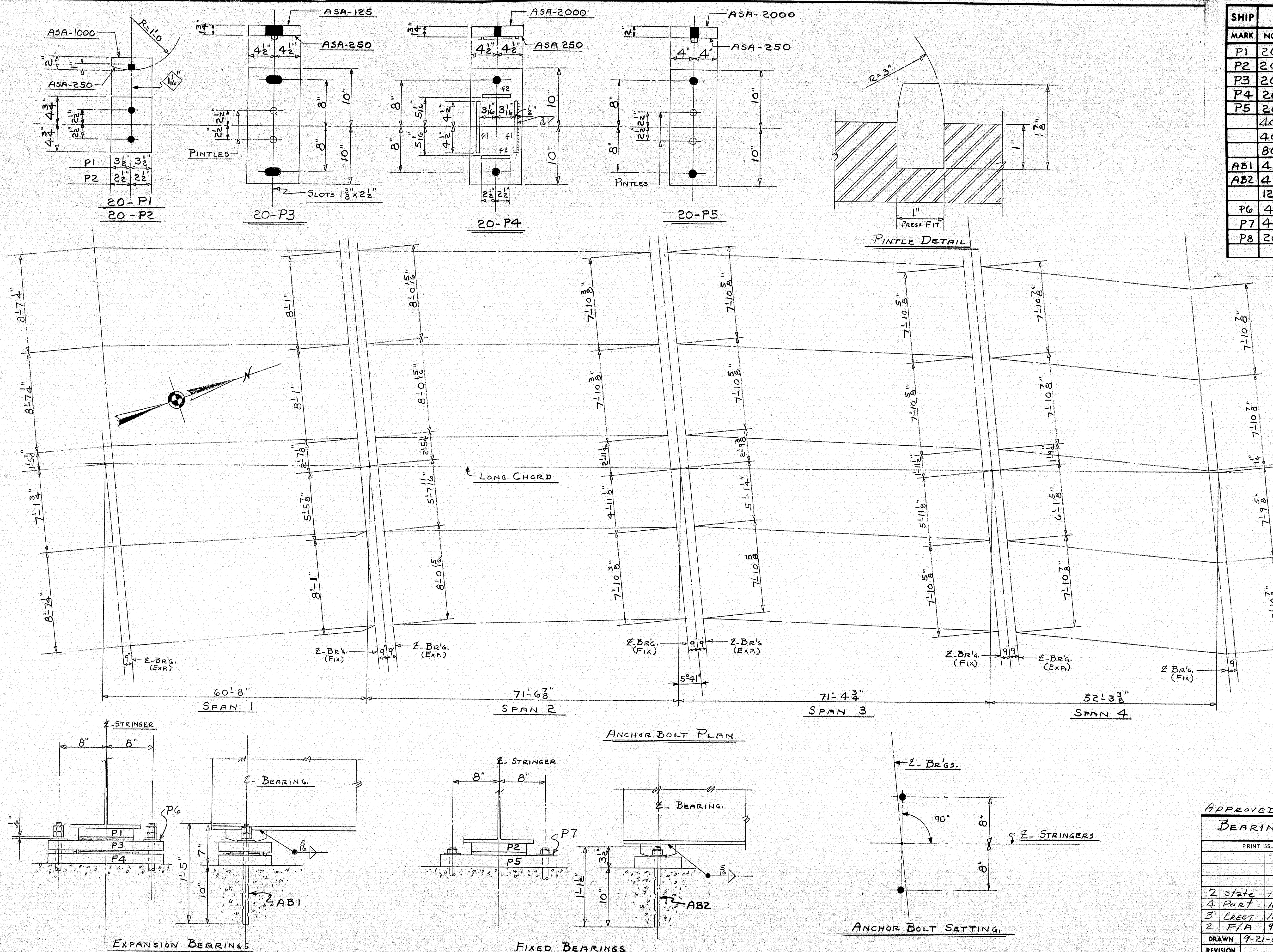
SHOP CONNECTIONS: WELD
FIELD CONNECTIONS: WELD
HOLES: 1/8" UNLESS NOTED
PAINT: RED LEAD - ALL SURFACES.

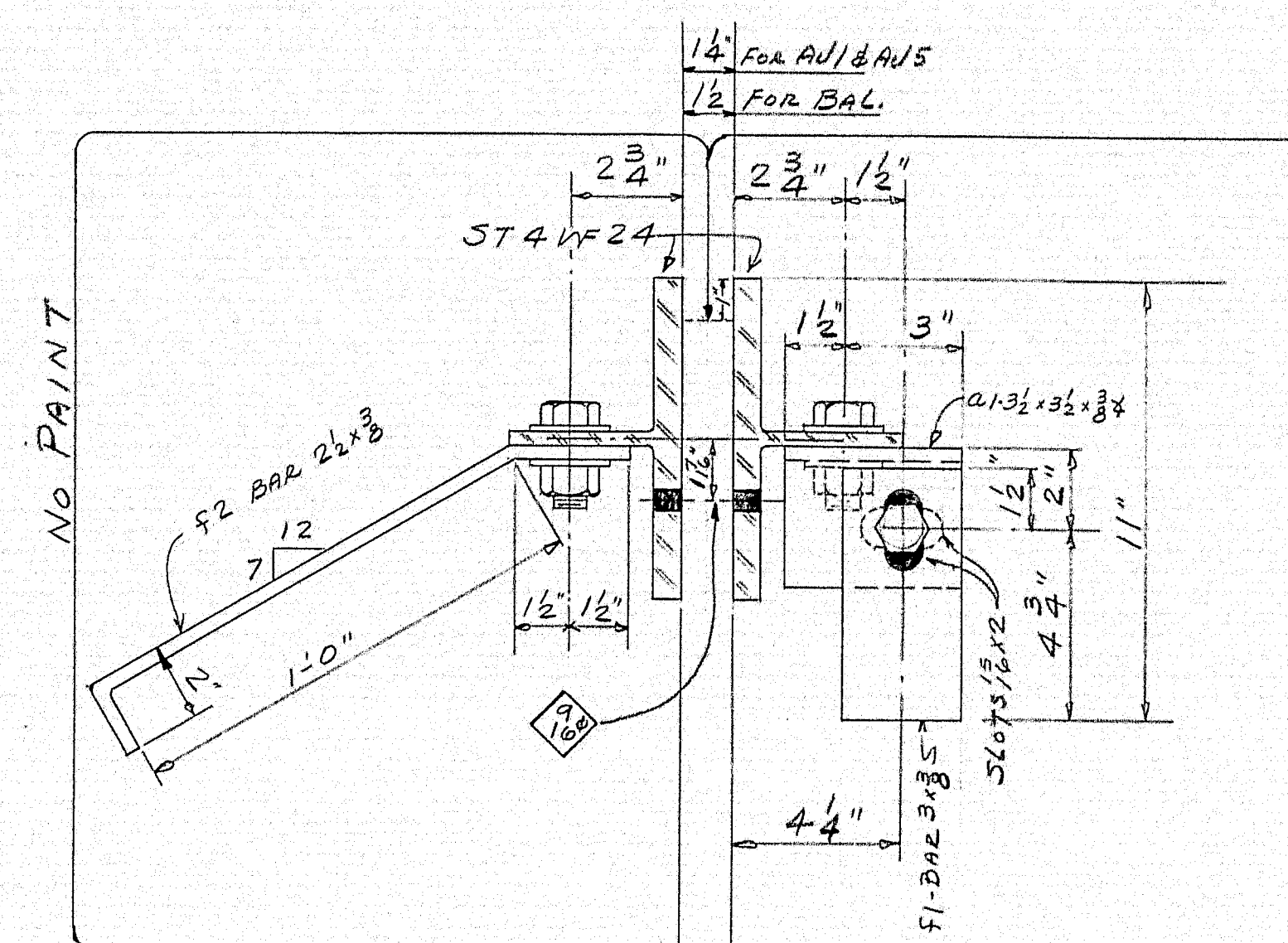
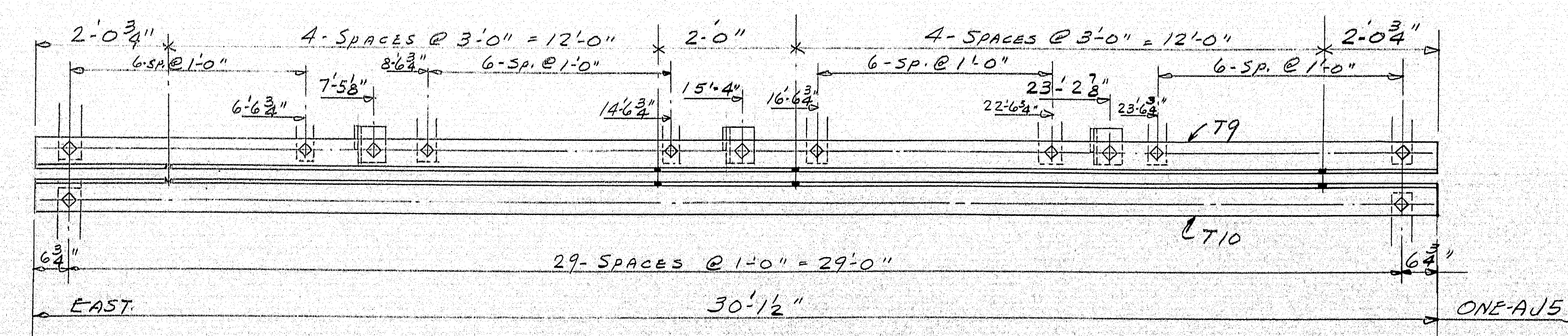
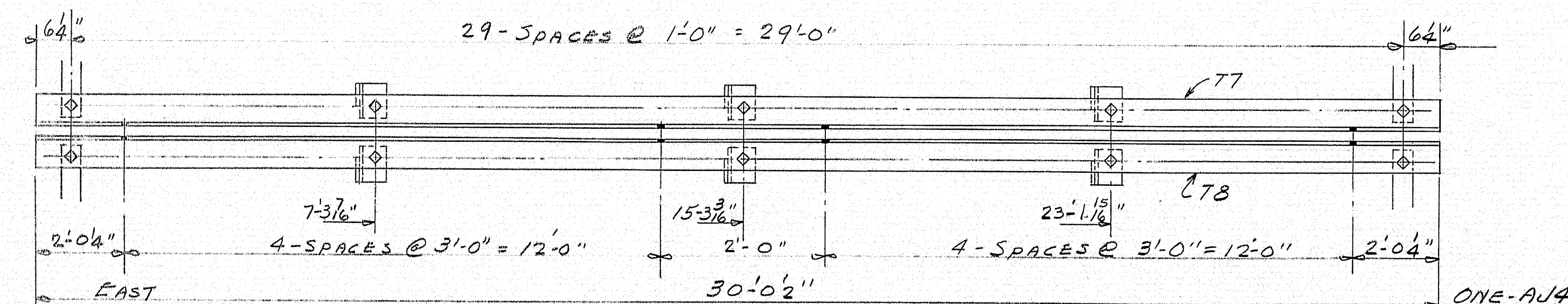
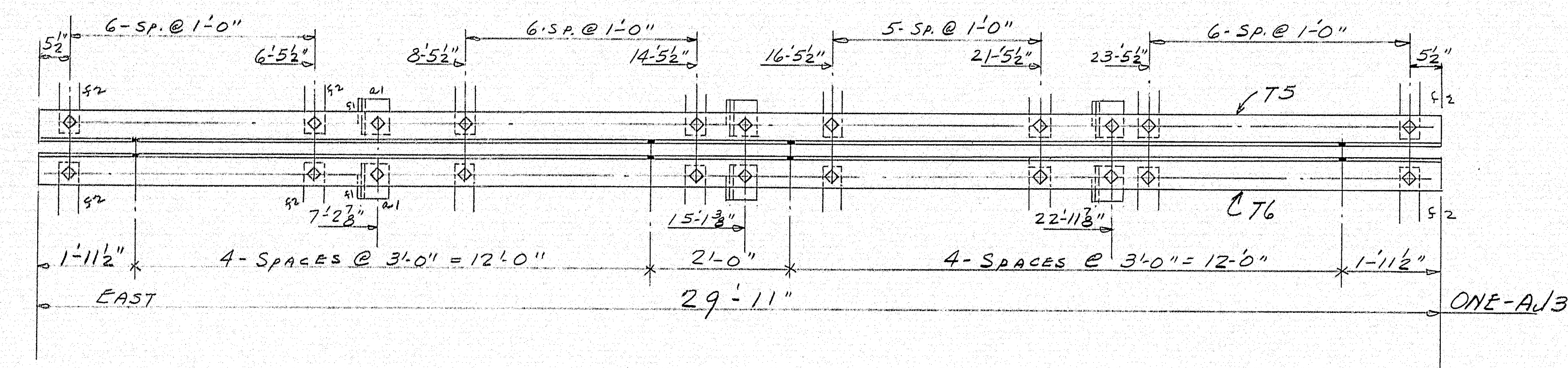
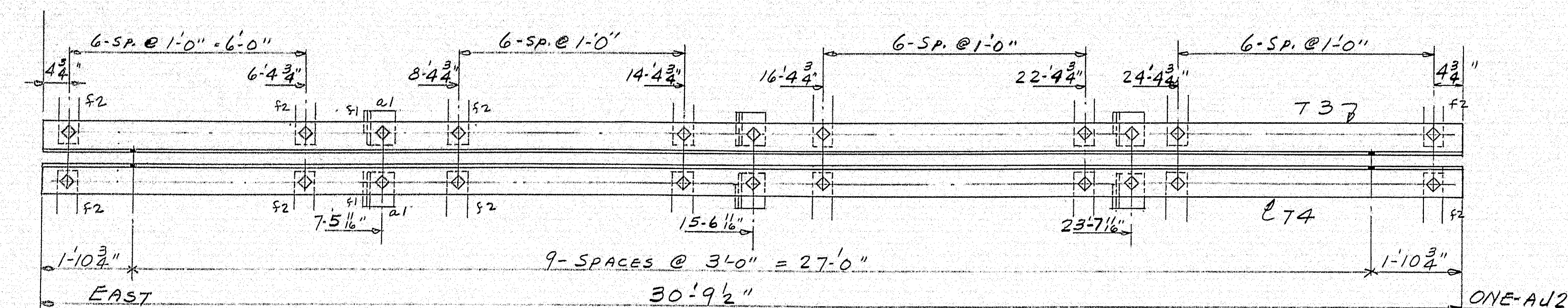
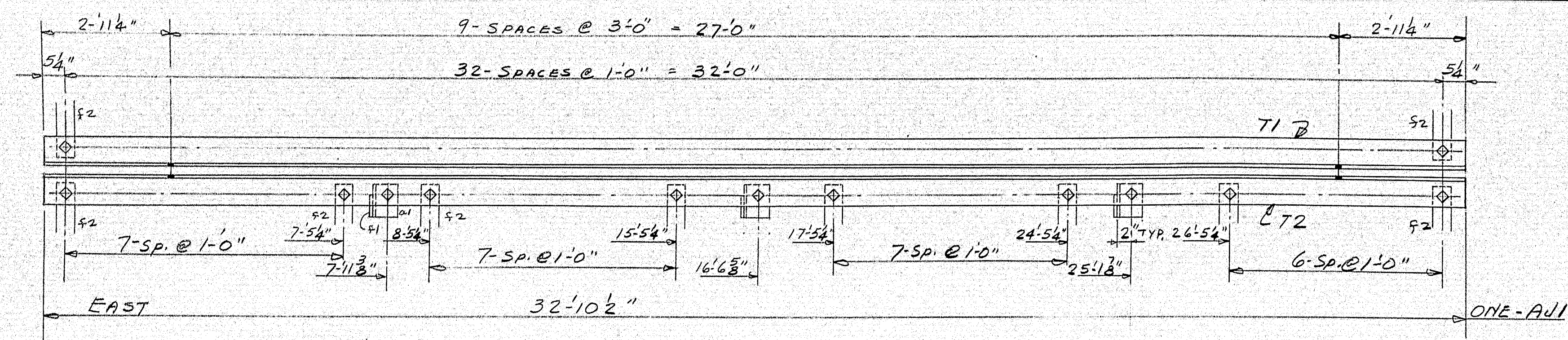
APPROVED 9-26-62

BEARING PLATES & ANCHOR BOLTS

PRINT ISSUE		Bancroft & Martin Rolling Mills Company	
		Brewer, Maine	
2	State	10-18-62	Rte. 100 BRIDGE OVER INTER. #95
4	Port	10-2-62	PALMYRA-NEWPORT, MAINE
3	Elect	10-2-62	
2	F/A	9-29-62	
DRAWN	9-21-62 DC	CUSTOMER REED & REED	
REVISION		DESIGNER STATE HIGHWAY COMMISSION	
REVISION		ORDER VERBAL	
REVISION		DWG. B62-237-51	

92-191





SHIP		BILL OF MATERIAL				DWG. 862-237-52		
MARK	NO.	MARK	SHAPE	LENGTH	WT.	DENSITY	REMARKS	
AD1	1		ARMORED	JOINT				
AD2	1		DO					
AD3	1		DO					
AD4	1		DO					
AD5	1		DO					
	1	T1	STAIN 24	32 10 1/2		1/2		A7
	1	T2	DO	32 10 1/2		1/2		
	1	T3	DO	30 9 1/2		1/2		
	1	T4	DO	30 9 1/2		1/2		
	1	T5	DO	29 11		1/2		
	1	T6	DO	29 11		1/2		
	1	T7	DO	30 0 1/2		1/2		
	1	T8	DO	30 0 1/2		1/2		
	1	T9	DO	30 1 1/2		1/2		
	1	T10	DO	30 1 1/2		1/2		
	24	A1	3 1/2 x 3 1/2 x 3/8	0 4 1/2		1 1/2		
	24	F1	BAR 3 x 3/8	0 6 1/2		1 1/2		
	292	F2	BAR 2 1/2 x 3/8	1 5				D
	342	SHOP	3 H.S. BOLTS	0 2 1/2		36 #/100		A32
	684	DO	3 H.S. WASHERS					A32

SHOP CONNECTIONS: 7/8" H S, BOLTS.
FIELD CONNECTIONS:
HOLES: 1 5/8" UNLESS NOTED
PAINT: STATE SPECS.

FIELD CONNECTIONS:
HOLES: 15" UNLESS NOTED
PAINT: STATE SPECS.

HOLES: 15" / 16" UNLESS NOTED
PAINT: STATE SPECS.

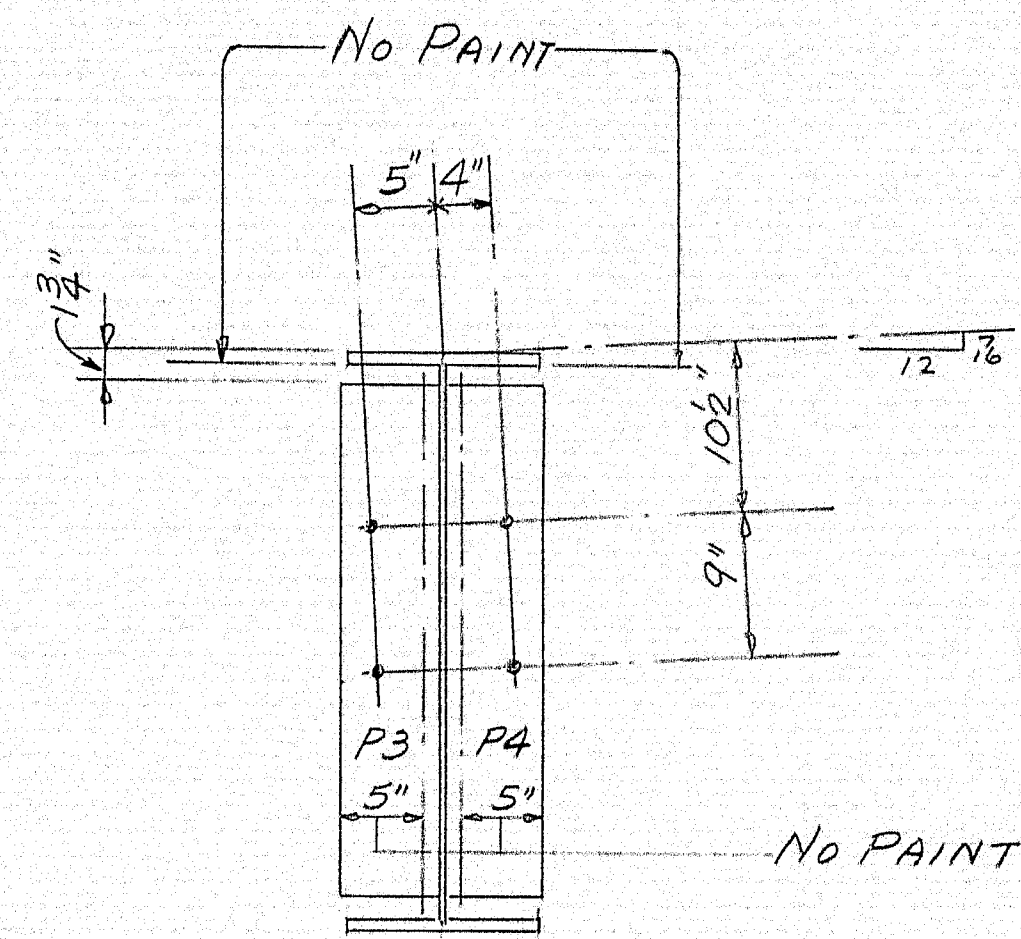
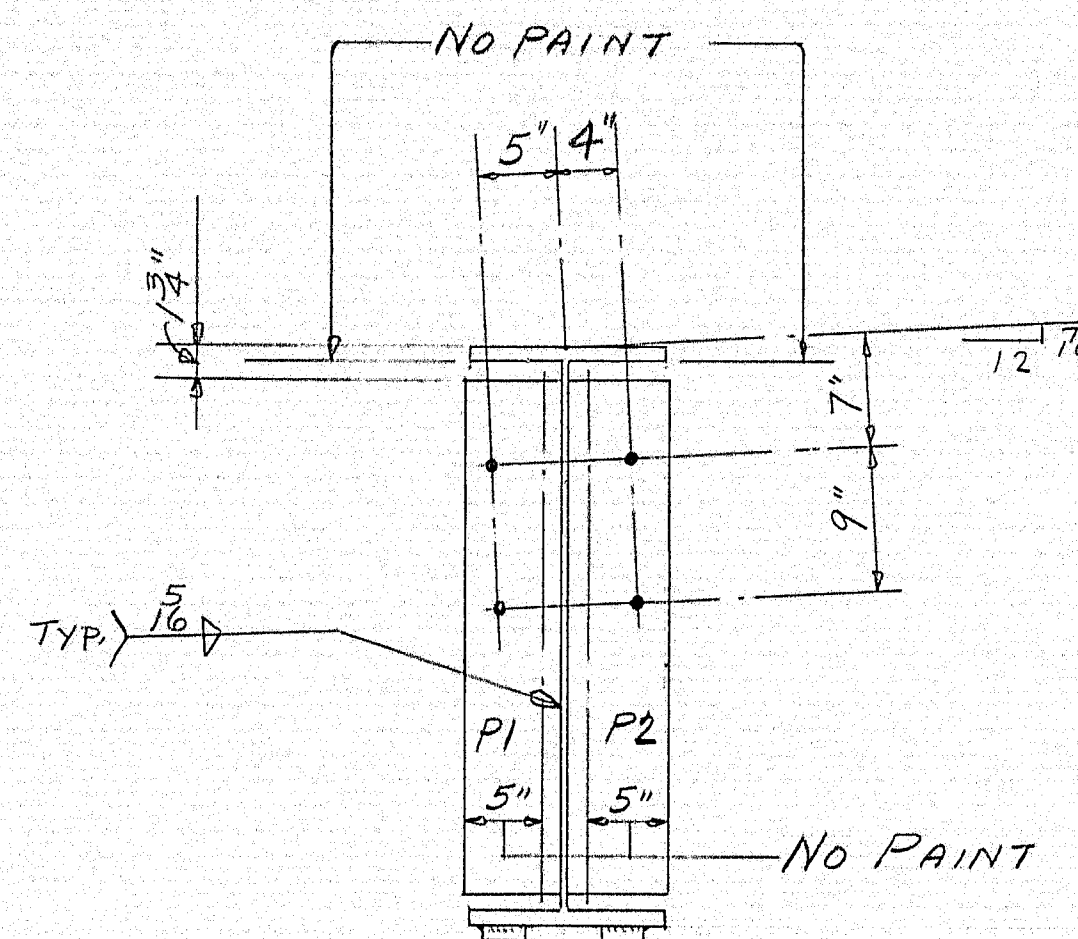
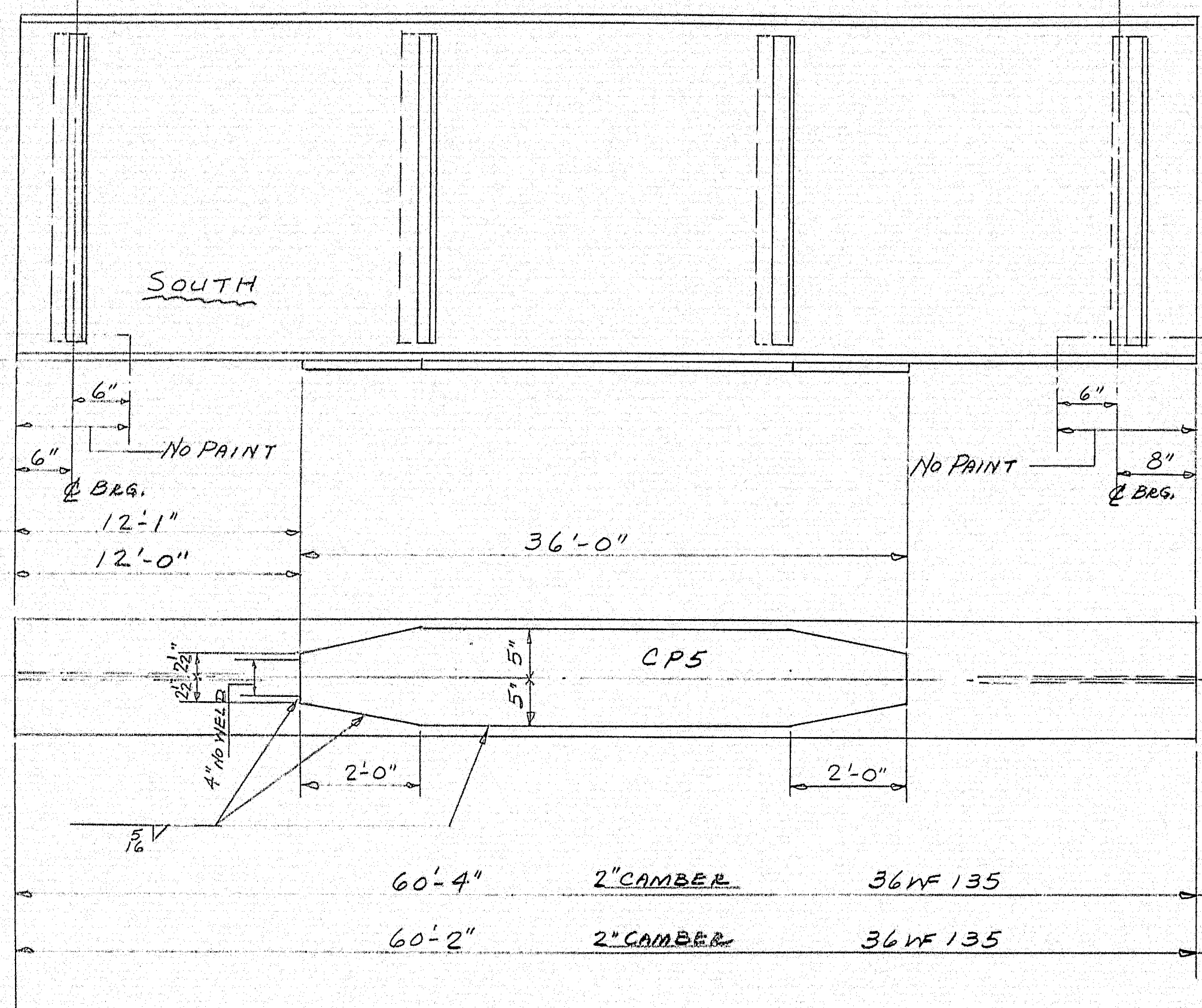
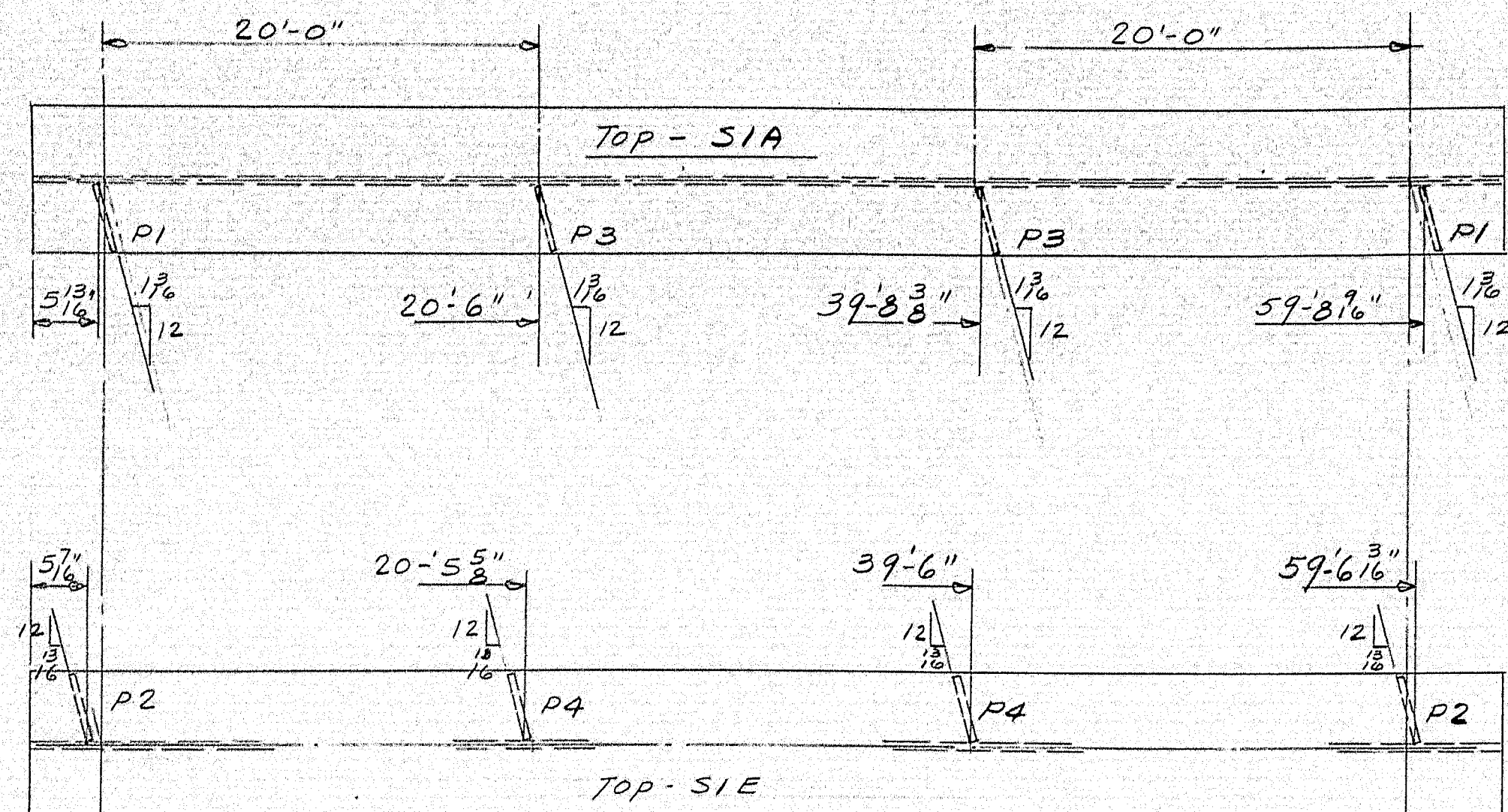
PAINT: STATE SPECS

APPROVED EXCEPT AS NOTED 10-11-62

ARMORED JOINTS.

PRINT ISSUE			<i>Rancraft & Martin Rollins Mfg Company</i> <i>Brewer, Maine</i>
5	ERECT	10-18-62	RTE 100 BRIDGE OVER INTER. #95. PALMYRA - NEWPORT MAINE
5	SHOP	10-16-62	
2	SHOP	10-11-62	
2	F.A.	10-10-62	
DRAWN	10-4-62	E.M.	CUSTOMER <u>REED & REED</u> DESIGNER <u>STATE HIGHWAY COMMA.</u>
REVISION	10-16-62	E.M.	
REVISION			
REVISION			
			ORDER <u>VERBAL</u> DWG. <u>B62-237-52</u>

92-192



SHIP		BILL OF MATERIAL				DWG. B62-237-S3	
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS	
S1A	1		36WF135	60' 4"		2" CAMBER	A36
S1E	1		DO	60' 2"		DO	
	2	CP5	12x10x3/8	36' 0"		42.5#	
	2	P1	12x6x3/8	2' 8"			A7
	2	P2	DO	2' 8"			
	2	P3	DO	2' 8"			
	2	P4	DO	2' 8"			
	1		5/8" WELD	187' 0"		2.1166 #/FT.	
FIELD	134		3/4" PH. BOLT	0' 2"			
DO	134		DO	0' 1 3/4"			NOT INCL. IN PAY WT.
	8022	SHOP	3/4" WELD	4' 5 1/2"			TOTAL FOR JOBS.

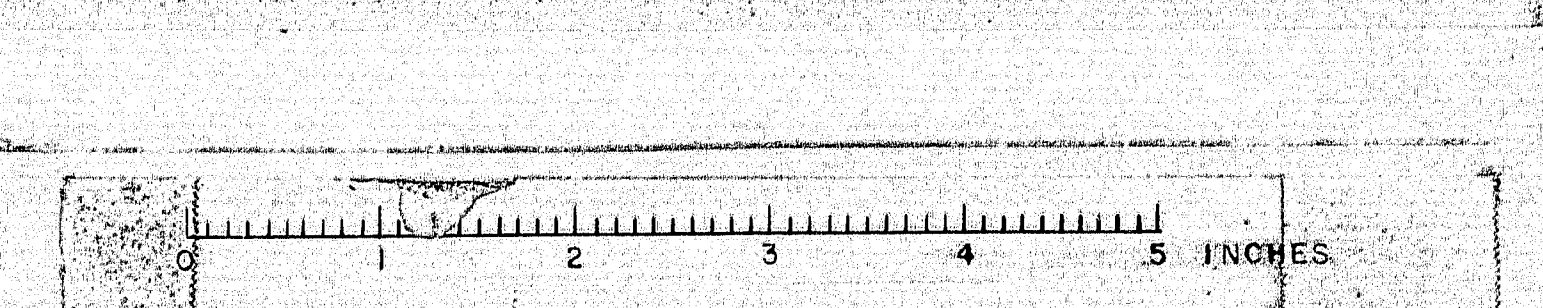
SEE DWG. # 59 FOR STUD LOCATION

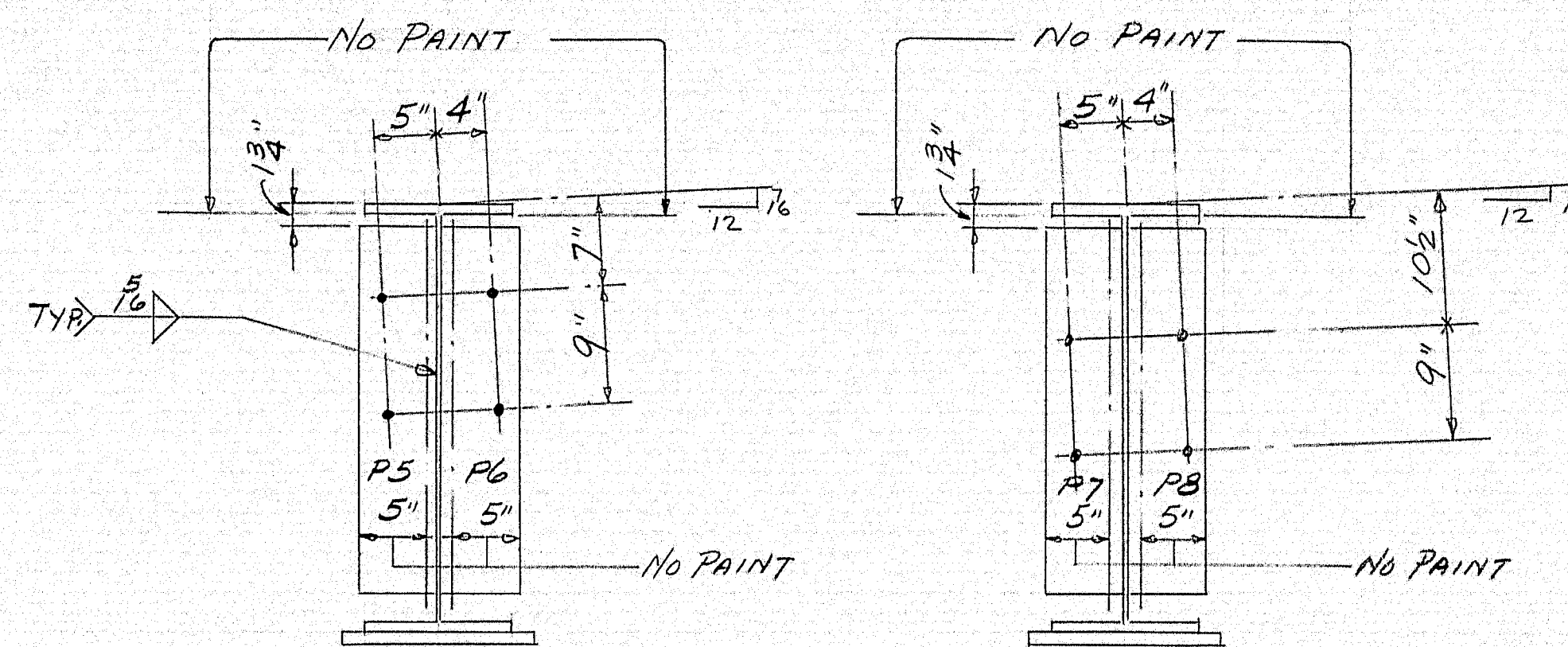
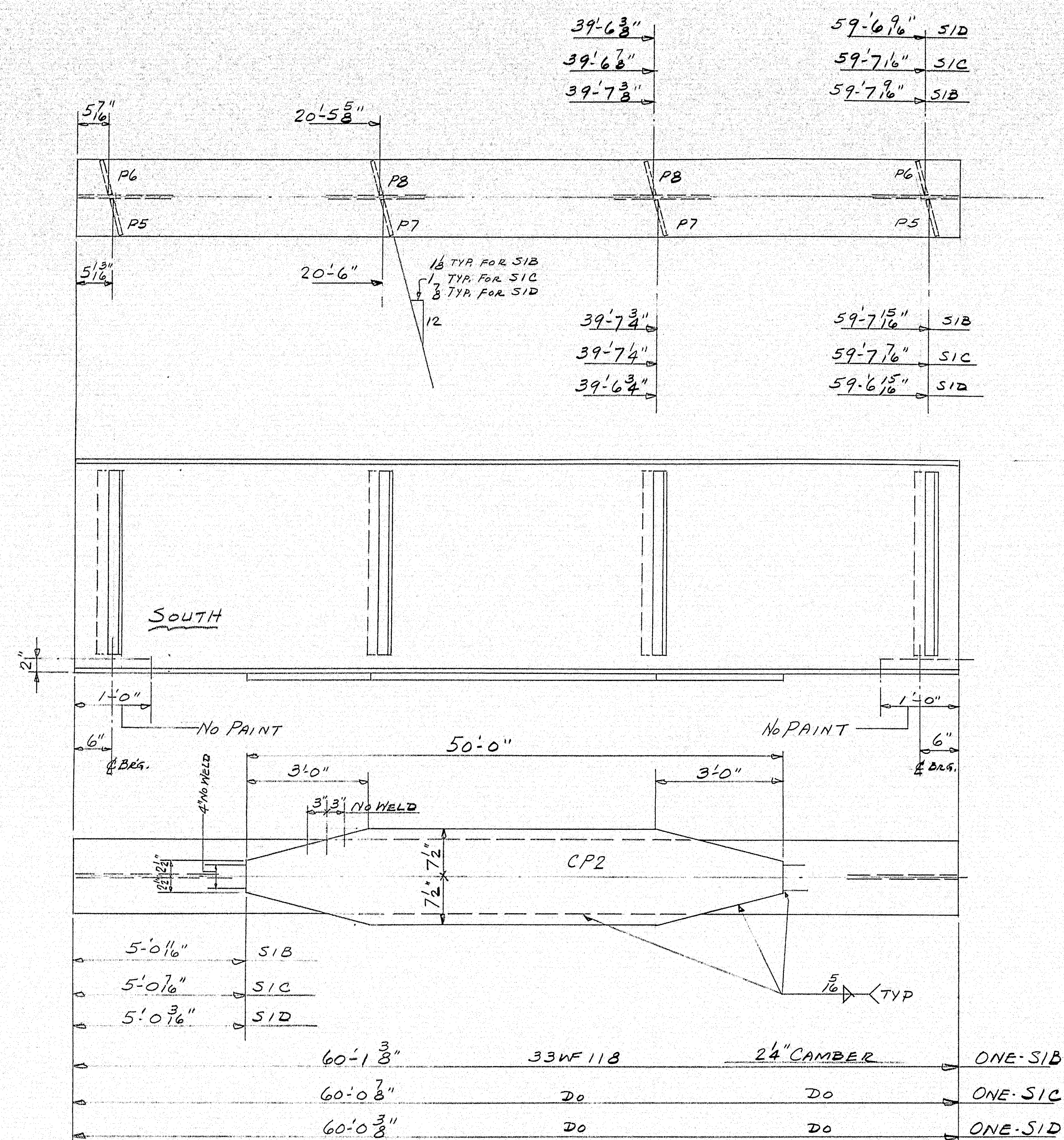
SHOP CONNECTIONS: WELD
FIELD CONNECTIONS: DO
HOLES: 1/8" φ
PAINT: STATE SPECS.

APPROVED 10-12-62

S1- STRINGERS	
PRINT ISSUE	Bancroft & Martin Rolling Mills Company Brewer, Maine
5 ERECT. 10-18-62	RT. 100 BRIDGE OVER INTERSTATE #95 PALMYRA-NEWPORT MAINE
5 SHOP 10-18-62	
2 F.A. 10-10-62	CUSTOMER EED & REED
DRAWN 10-4-62 E.M.	DESIGNER STATE HIGHWAY COMM.
REVISION	
REVISION	
REVISION	
ORDER VERBAL	DWG. B62-237-S3

92-193





SHIP		BILL OF MATERIAL				DWG. B62-237-54	
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS	
SIB	1		33WF118	60' 1 3/8"		24" CAMBER	A36
SIC	1		Do	60' 0 7/8"		Do	
SID	1		Do	60' 0 3/8"		Do	
	3	CP2	12x15x1/2	50' 0"	268#		
	6	P5	1/2x6x3/8	2' 5"	1#		A7
	6	P6	Do	2' 5"	1#		
	6	P7	Do	2' 5"	1#		
	6	P8	Do	2' 5"	1#		
	1	1/2" WELD		416' 0"		@.166#/FT.	
STRUCTURAL STEEL IS ITEM 702-103							

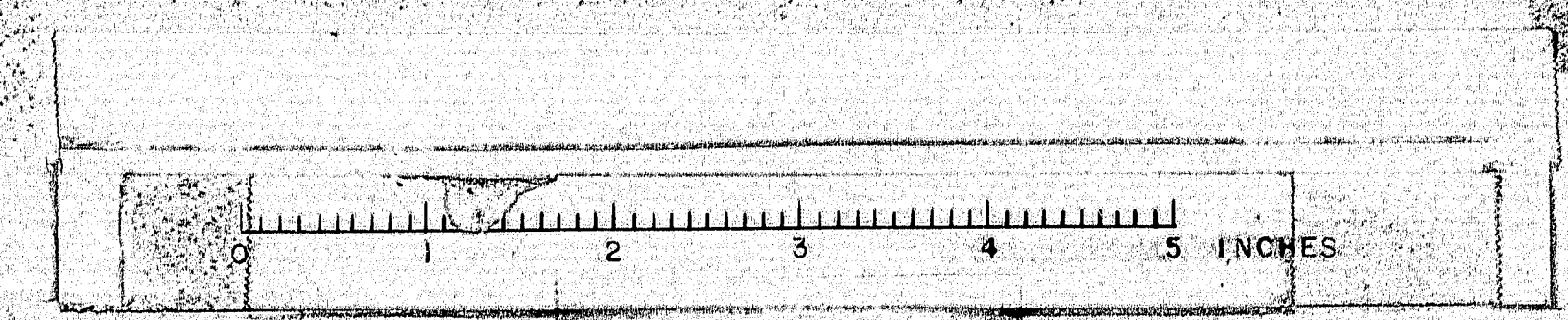
SEE DWG # S9 FOR STUD LOCATION

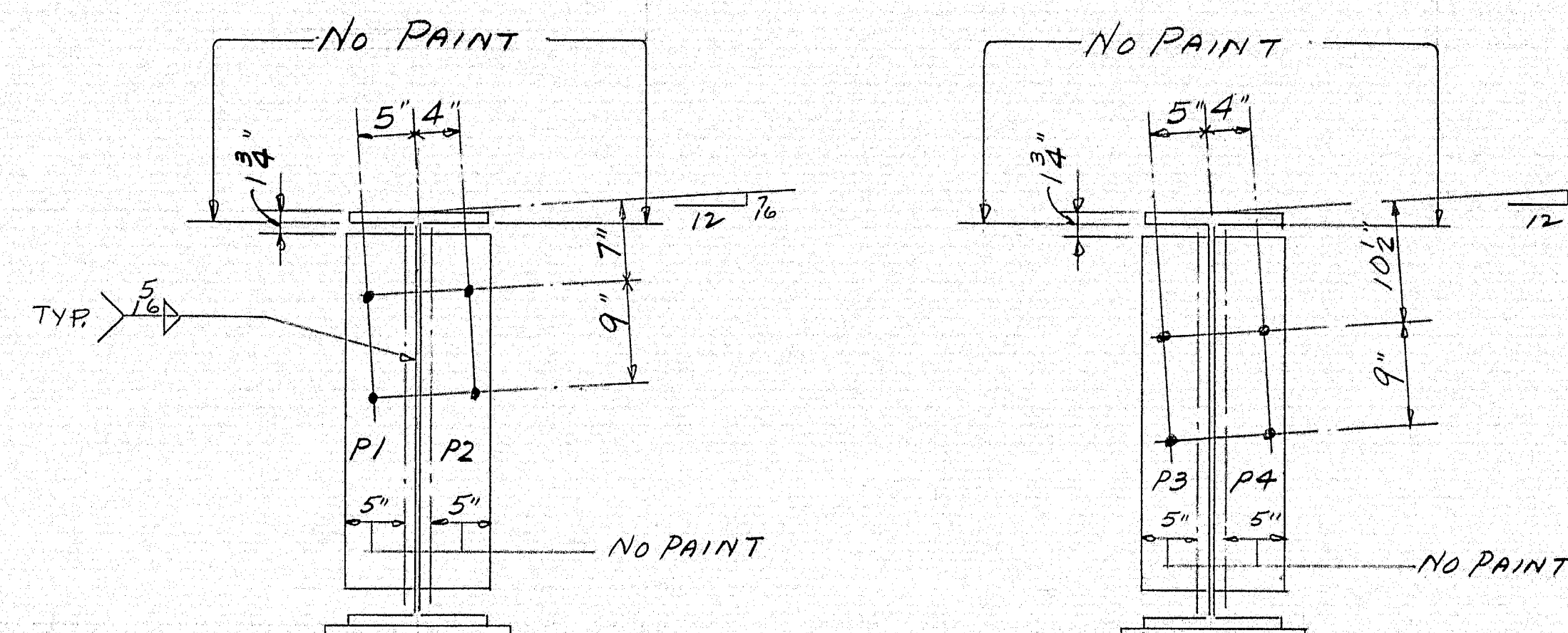
SHOP CONNECTIONS: WELD
 FIELD CONNECTIONS: DO
 HOLES: 1/8" Ø
 PAINT: STATE SPECS.

APPROVED 10-12-62

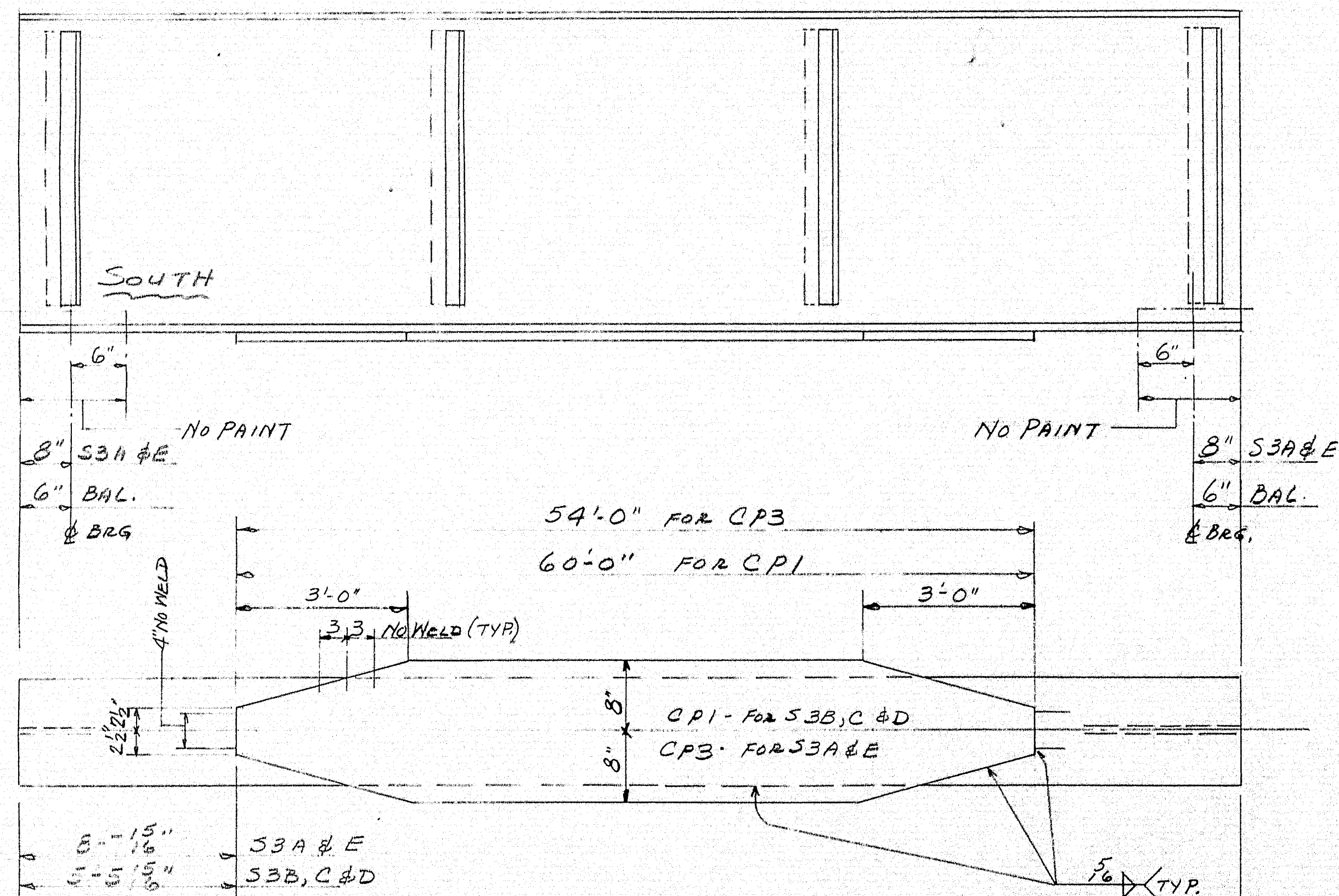
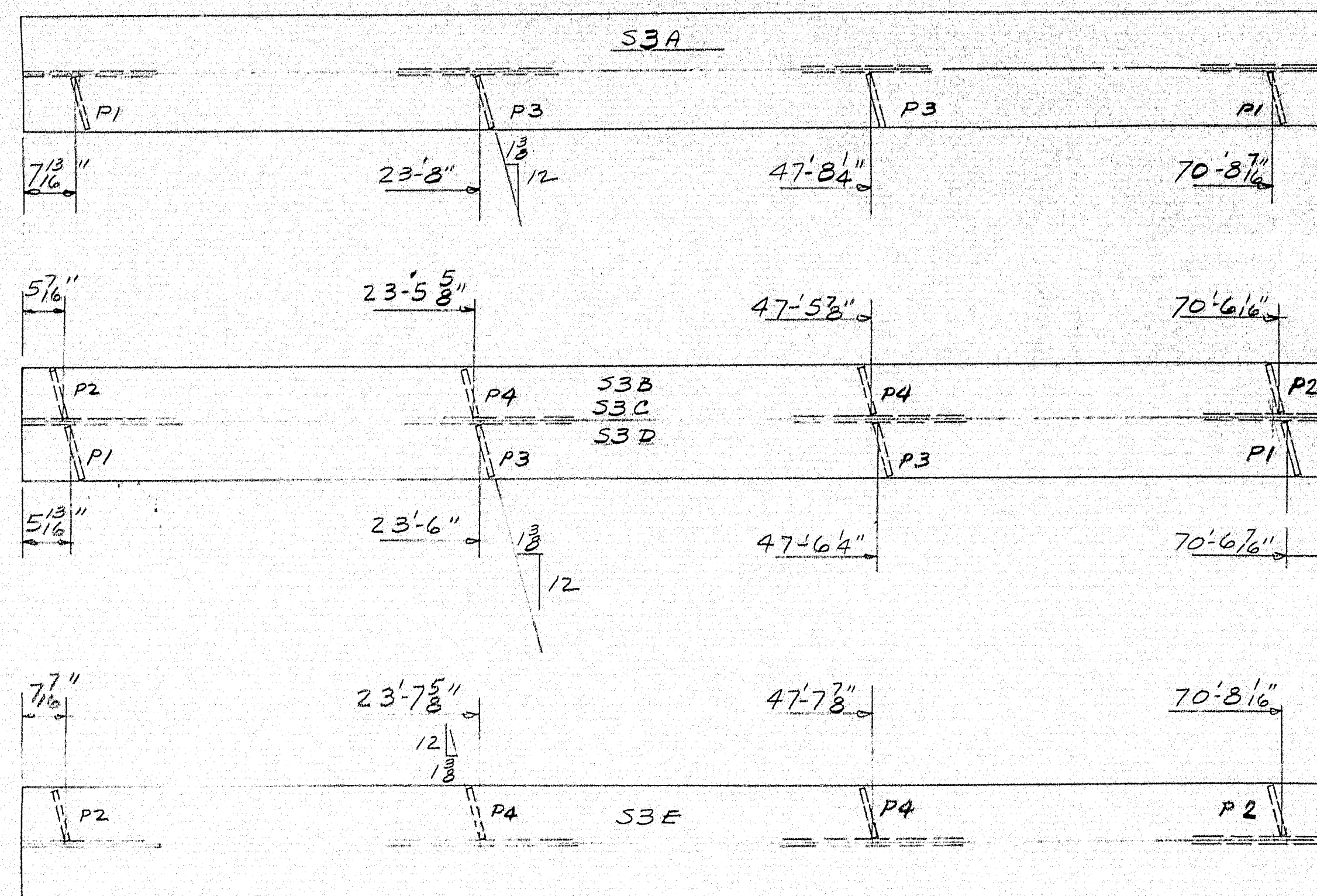
51 - STRINGERS			
PRINT ISSUE		Bancroft & Martin Rolling Mills Company	
		Brewer, Maine	
5 ERECT 10-18-62		ROUTE #100 BRIDGE OVER INTER. #95	
5 SHOP 10-18-62		PALMYRA - NEWPORT MAINE	
2 F.A. 10-10-62		CUSTOMER REED & REED	
DRAWN 10-5-62 E.M.		DESIGNER STATE HIGHWAY COMM.	
REVISION		ORDER VERBAL	
REVISION		DWG. B62-237-54	

92-194

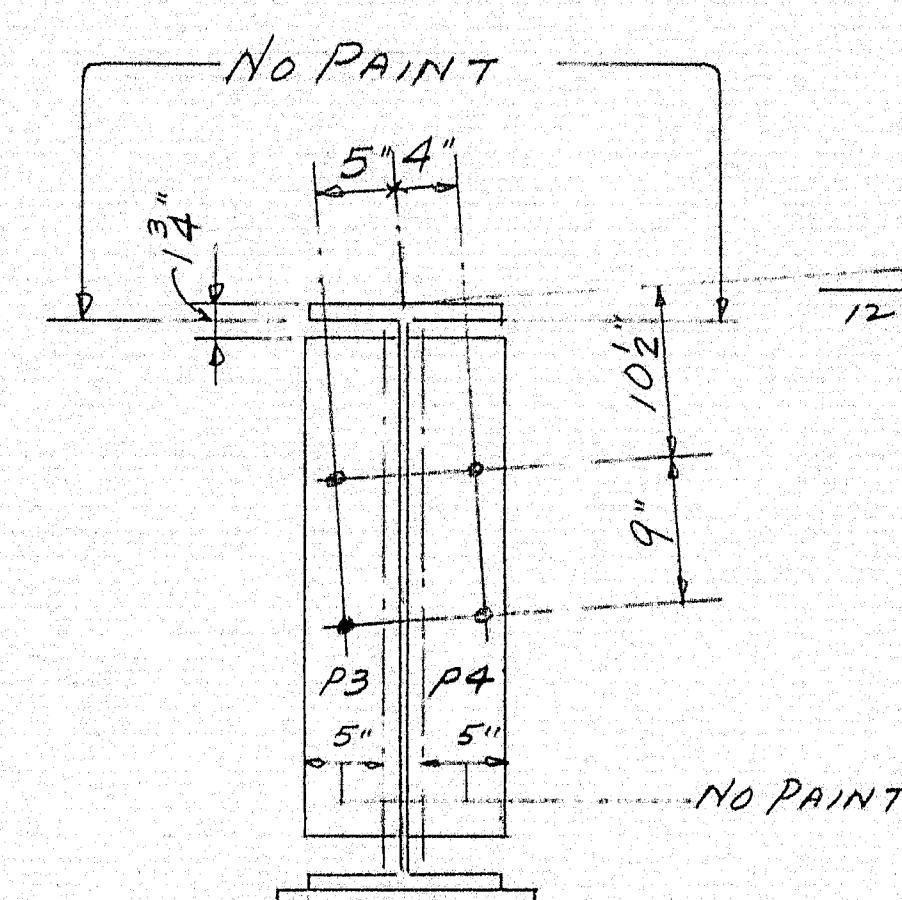
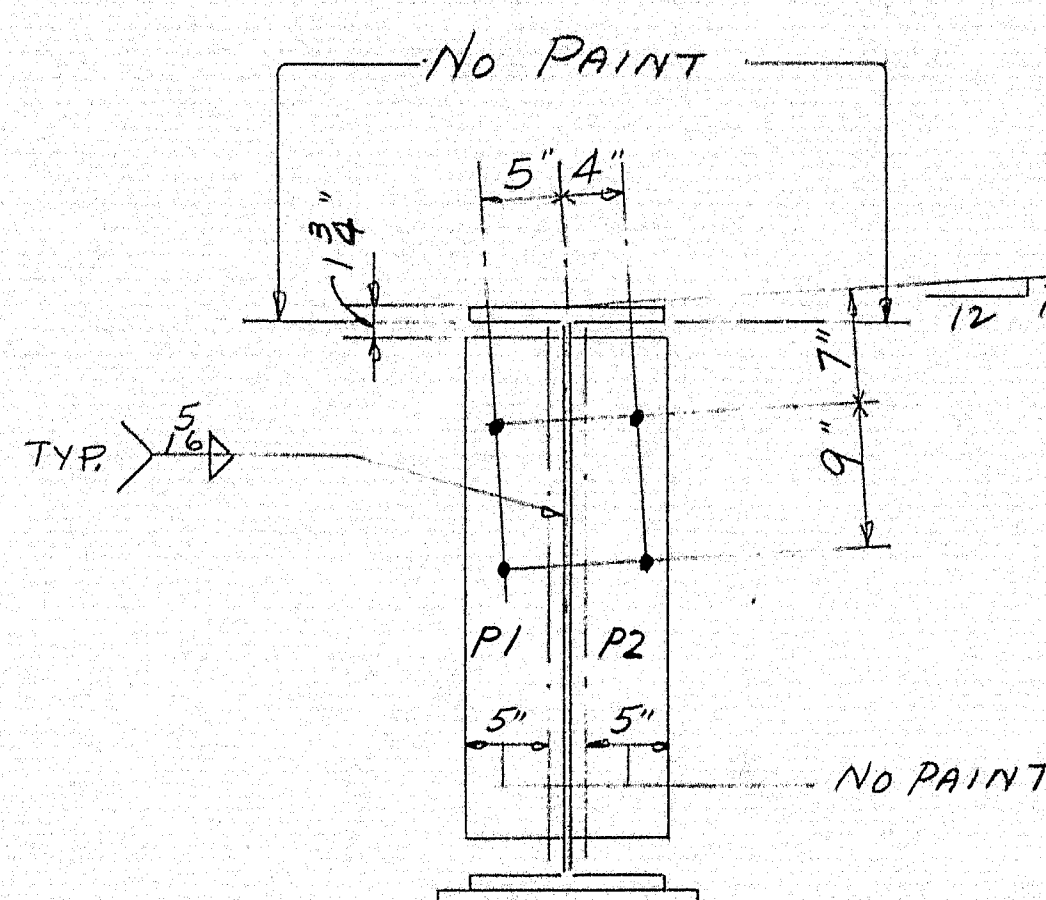




PRINT ISSUE		<i>Bancroft & Martin Rollings Mills Company</i> <i>Brewer, Maine</i> ROUTE #100 BRIDGE OVER INTER. #95 PALMYRA - NEWPORT MAINE CUSTOMER <u>REED & REED</u> DESIGNER <u>STATE HIGHWAY COMM.</u> ORDER <u>VERBAL</u> DWG. <u>B62-237-SS</u>
5	ELECT.	10-18-62
5	SHOP	10-18-62
2	F.A.	10-10-62
DRAWN	10-5-62	E.M.
REVISION		
REVISION		
REVISION		



71'-3 3/8"	36WF135	2 3/4" CAMBER	ONE-S3A
70'-11 1/8"	DO	DO	ONE-S3B
70'-11 1/8"	DO	DO	ONE-S3C
70'-11 1/8"	DO	DO	ONE-S3D
71'-3 3/8"	DO	DO	ONE-S3E



SHIP		BILL OF MATERIAL				DWG. B62-237-S6	
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS	
S3A	1		36WF135	71' 3 3/8"		2 3/4" CAMBER	A36
S3B	1		DO	70' 11 1/8"		DO	
S3C	1		DO	70' 11 1/8"		DO	
S3D	1		DO	70' 11 1/8"		DO	
S3E	1		DO	71' 3 3/8"		DO	
	3	CP1	PL6x1	60' 0"		337#	
	2	CP3	PL6x3/4	54' 0"		168#	
	8	P1	PL6x3/8	2' 8"		1#	A7
	8	P2	DO	2' 8"		1#	
	8	P3	DO	2' 8"		1#	
	8	P4	DO	2' 8"		1#	
	1		5/16 WELD	747' 0"		1.66 #/ft	
STRUCTURAL STEEL IS ITEM 702-103							

SEE DWG # 50 FOR STUD LOCATION

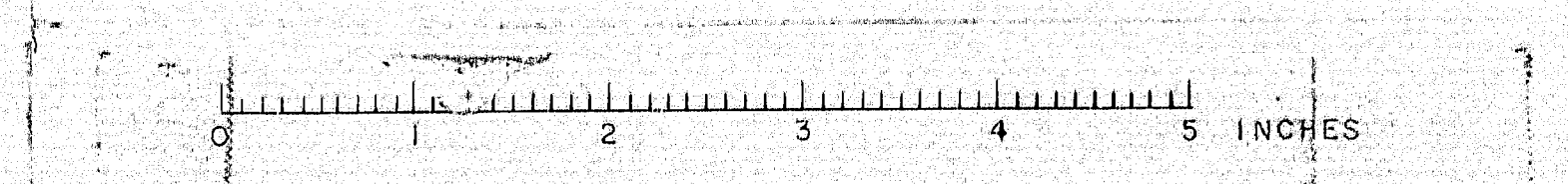
SHOP CONNECTIONS: WELD
FIELD CONNECTIONS: DO
HOLES: 1/8"
PAINT: STATE SPECS

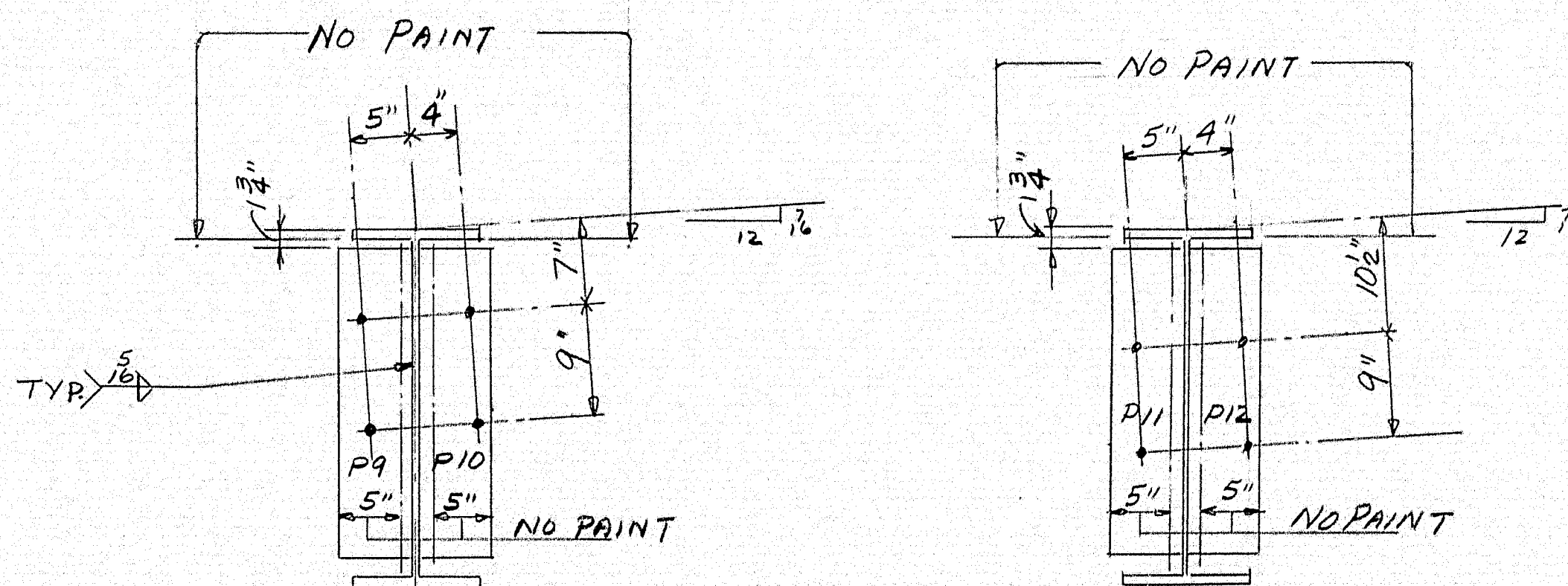
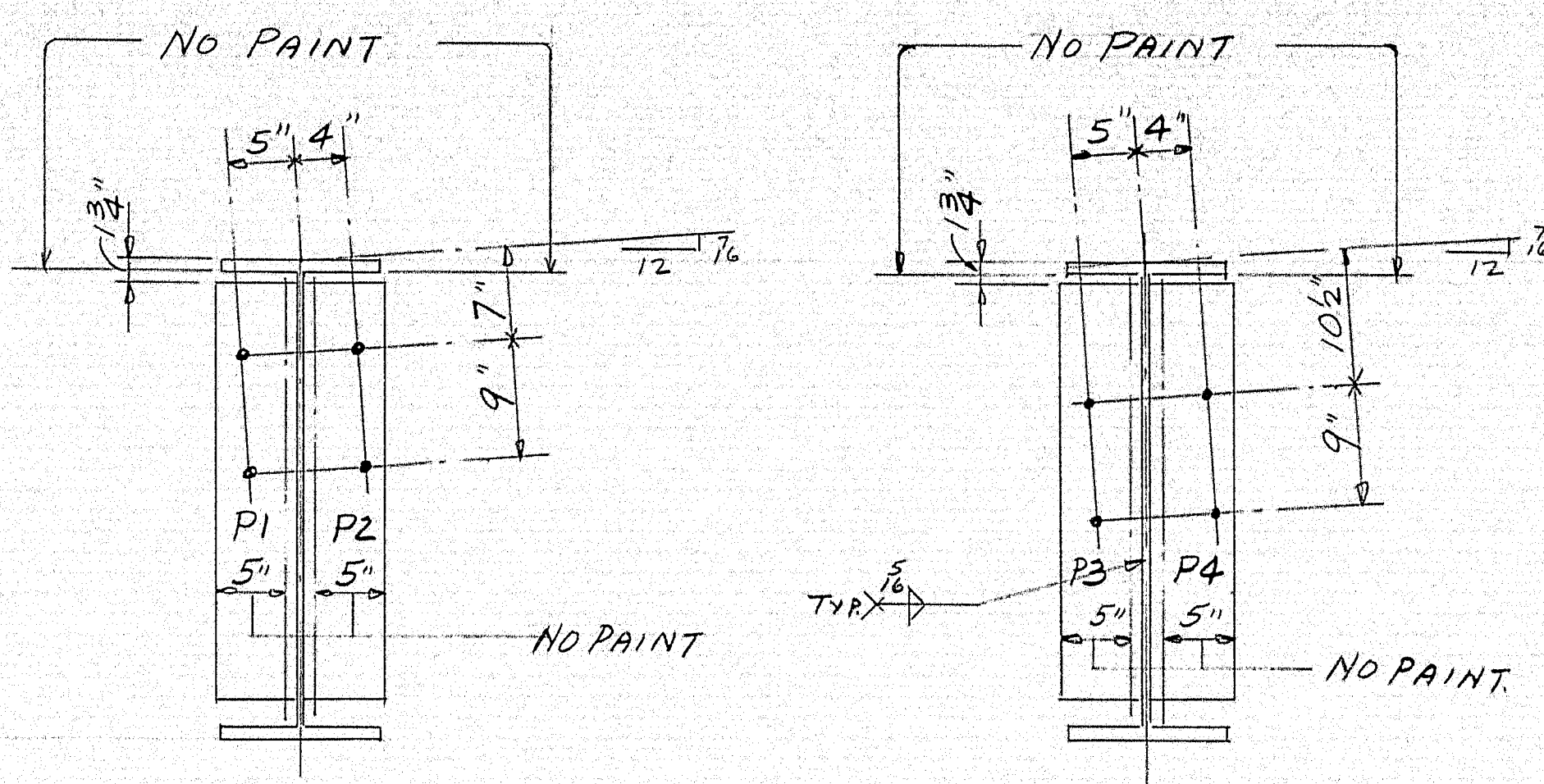
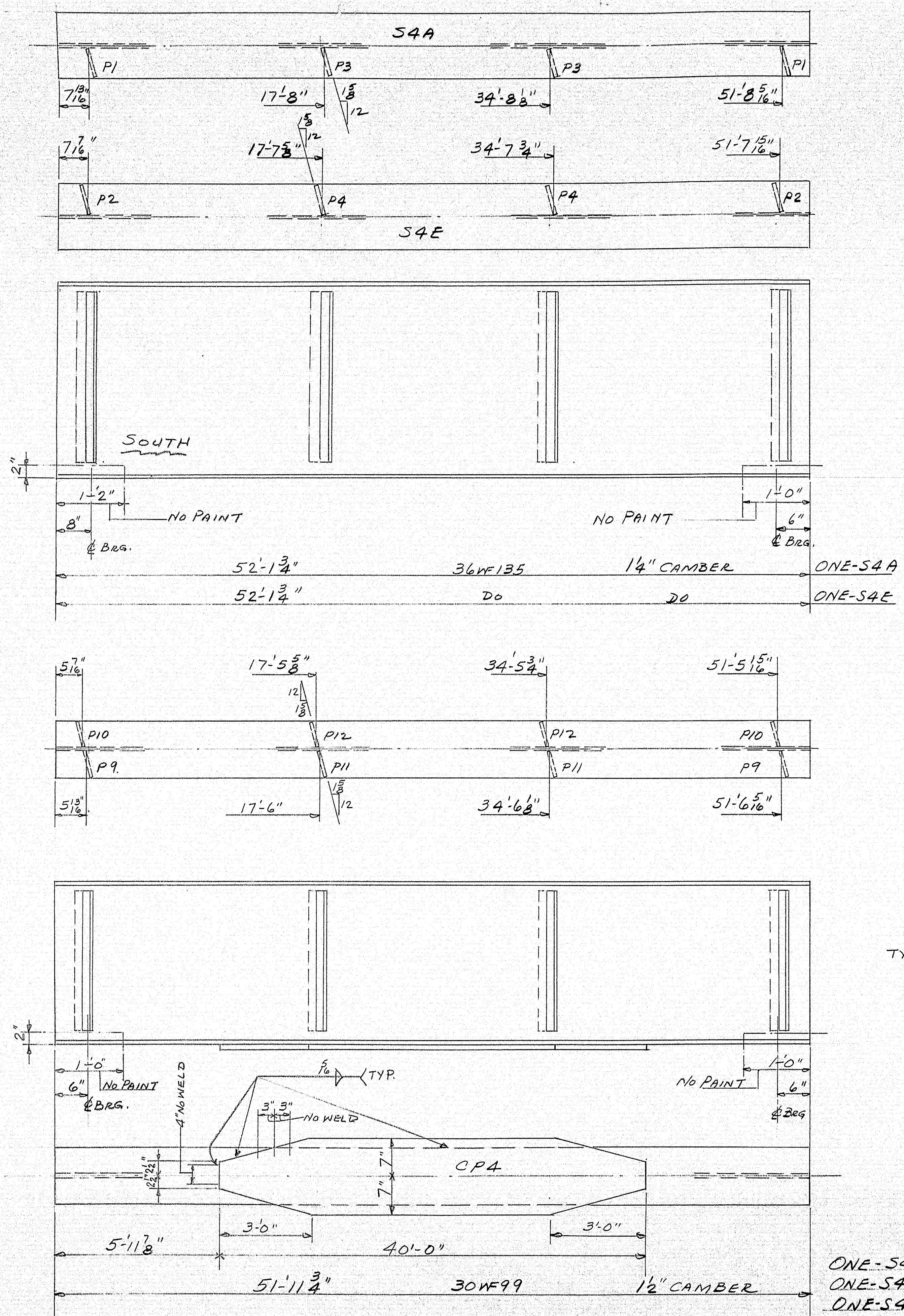
APPROVED EXCEPT AS NOTED 10-12-62

53 - STRINGERS

PRINT ISSUE	Bronckhoff & Martin Holdings Mills Company Brewer, Maine
5 ERECT. 10-18-62	ROUTE #100 BRIDGE OVER INTER. #95
5 SHOP 10-18-62	PALMYRA - NEWPORT MAINE
2 F.A. 10-10-62	CUSTOMER REED & REED
DRAWN 10-5-62 E.M.	DESIGNER STATE HIGHWAY COMM.
REVISION 10-16-62 E.M.	ORDER VERBAL
REVISION	DWG. B62-237-S6

92-196





SHIP		BILL OF MATERIAL				DWG. B62-237-57	
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS	
S4A	1		36WF135	52'12"		1/4 CAMBER	A36
S4E	1		DO	52'12"		DO	
S4B	1		30WF99	51'11 3/4"		1/2 CAMBER	
S4C	1		DO	51'11 3/4"		DO	
S4D	1		DO	51'11 3/4"		DO	
	3	CP4	12x14x5/8	40'0"		172#	
	2	P1	R6x3/8	2'8"			A7
	2	P2		2'8"			
	2	P3		2'8"		1#	
	2	P4		2'8"			
	6	P9		2'2"		1#	
	6	P10		2'2"		1#	
	6	P11		2'2"		1#	
	6	P12		2'2"		1#	
	1	FIELD		387'0"		@.166 #/FT	
STRUCTURAL STEEL ITEM						702-103	

SEE DWG. S9 FOR STUD LOCATION

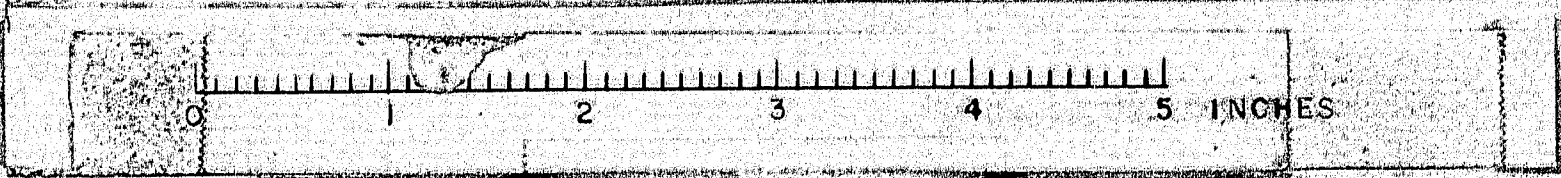
SHOP CONNECTIONS: WELD
FIELD CONNECTIONS: DO
HOLES: 1/8"
PAINT: STATE SPECS.

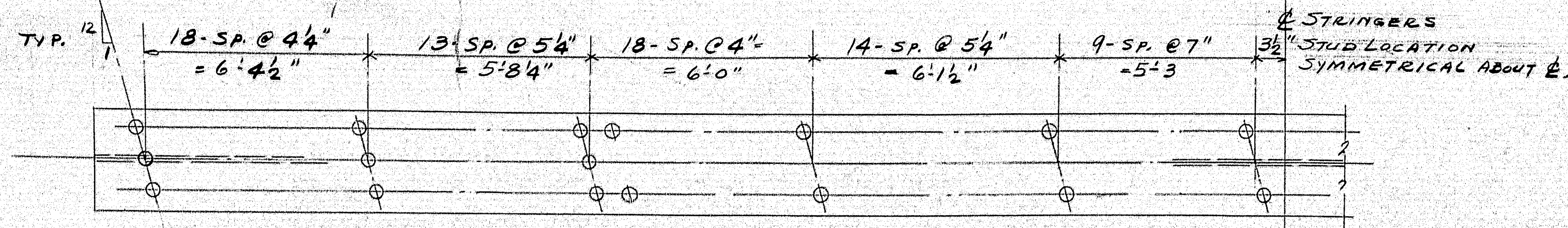
APPROVED EXCEPT AS NOTED 10-12-62

S4 - STRINGERS

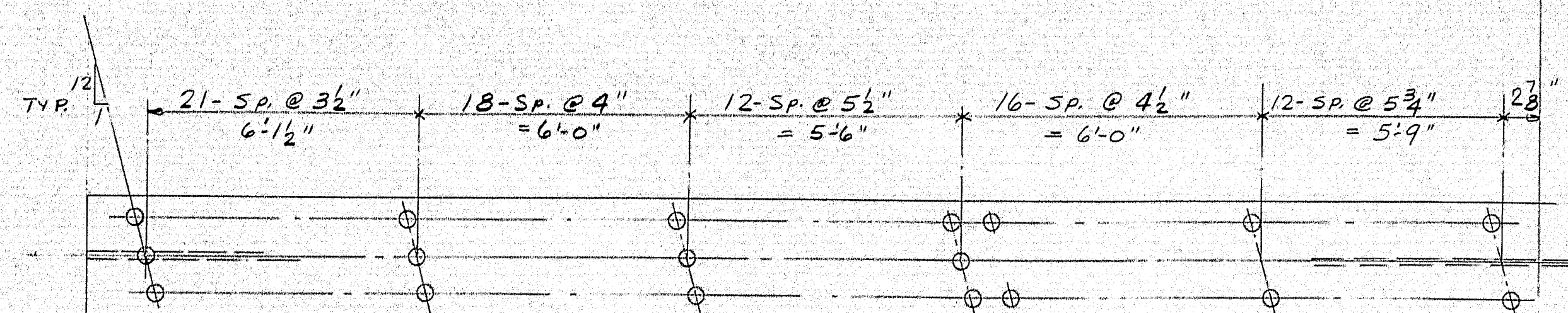
PRINT ISSUE		Bancroft & Martin Rolling Mills Company	
		Brewer, Maine	
		ROUTE #100 BRIDGE OVER INTER. #95	
		PALMYRA - NEWPORT ME.	
5	ERECT	10-18-62	
5	SHOP	10-18-62	
2	F.A.	10-10-62	
DRAWN		10-8-62 E.M.	CUSTOMER REED & REED
REVISION		10-16-62 E.M.	DESIGNER STATE HIGHWAY COMM.
REVISION			ORDER VERBAL
REVISION			DWG. B62-237-57

92-197

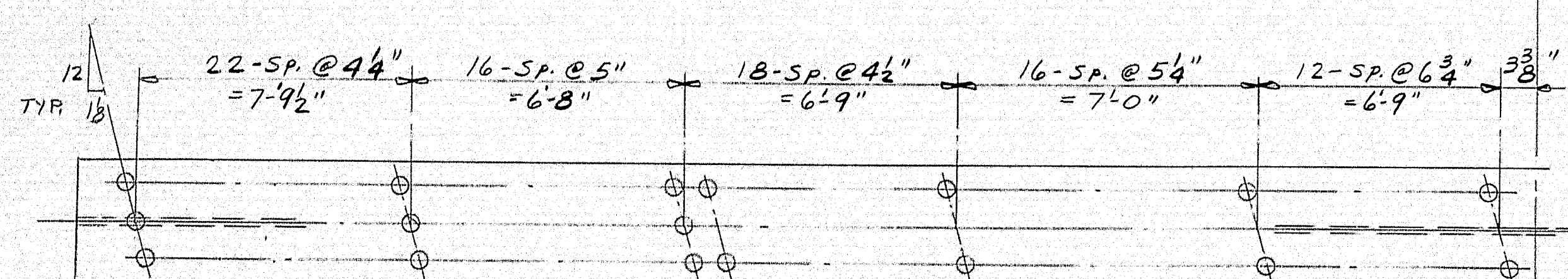




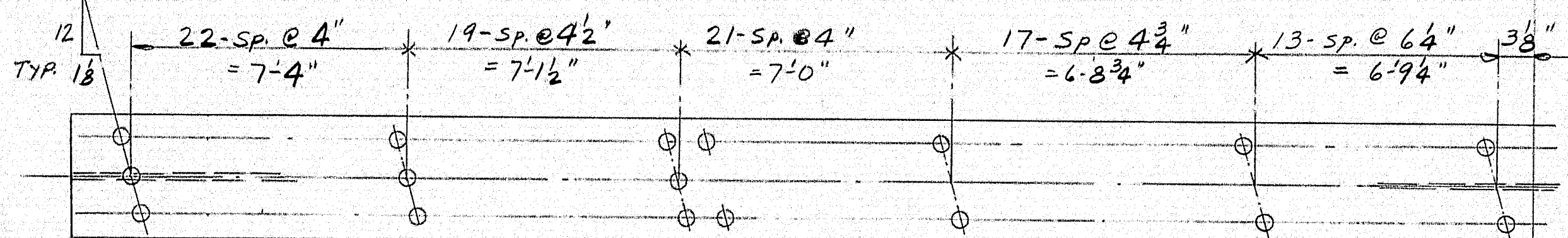
S1A & S1E



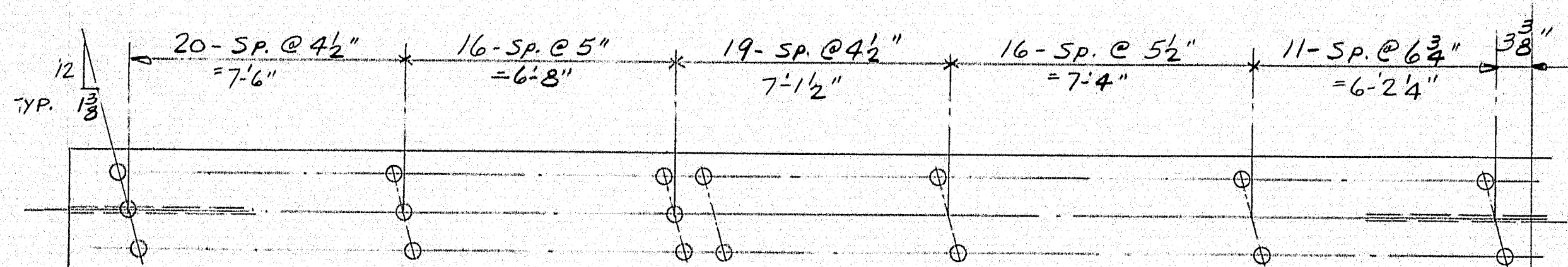
S1B - S1C & S1D



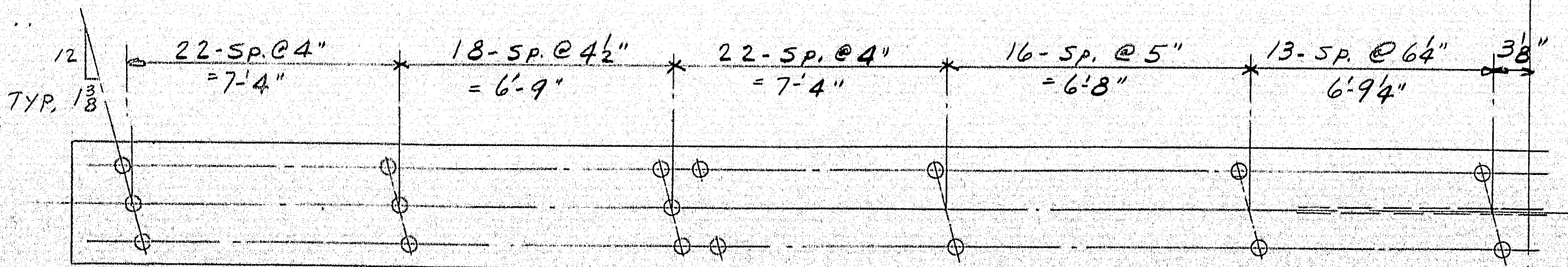
S2A & S2E



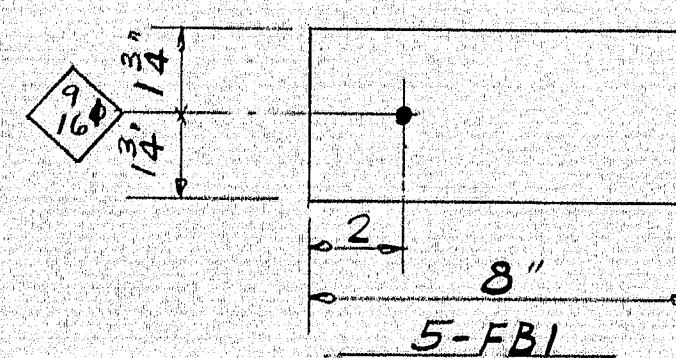
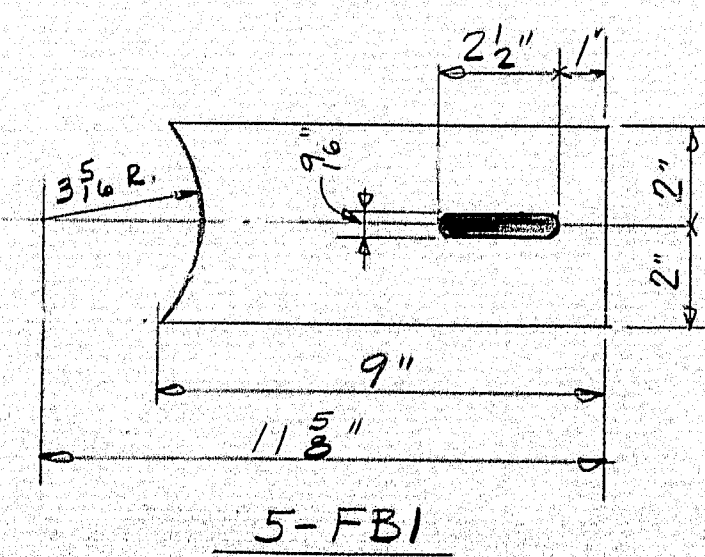
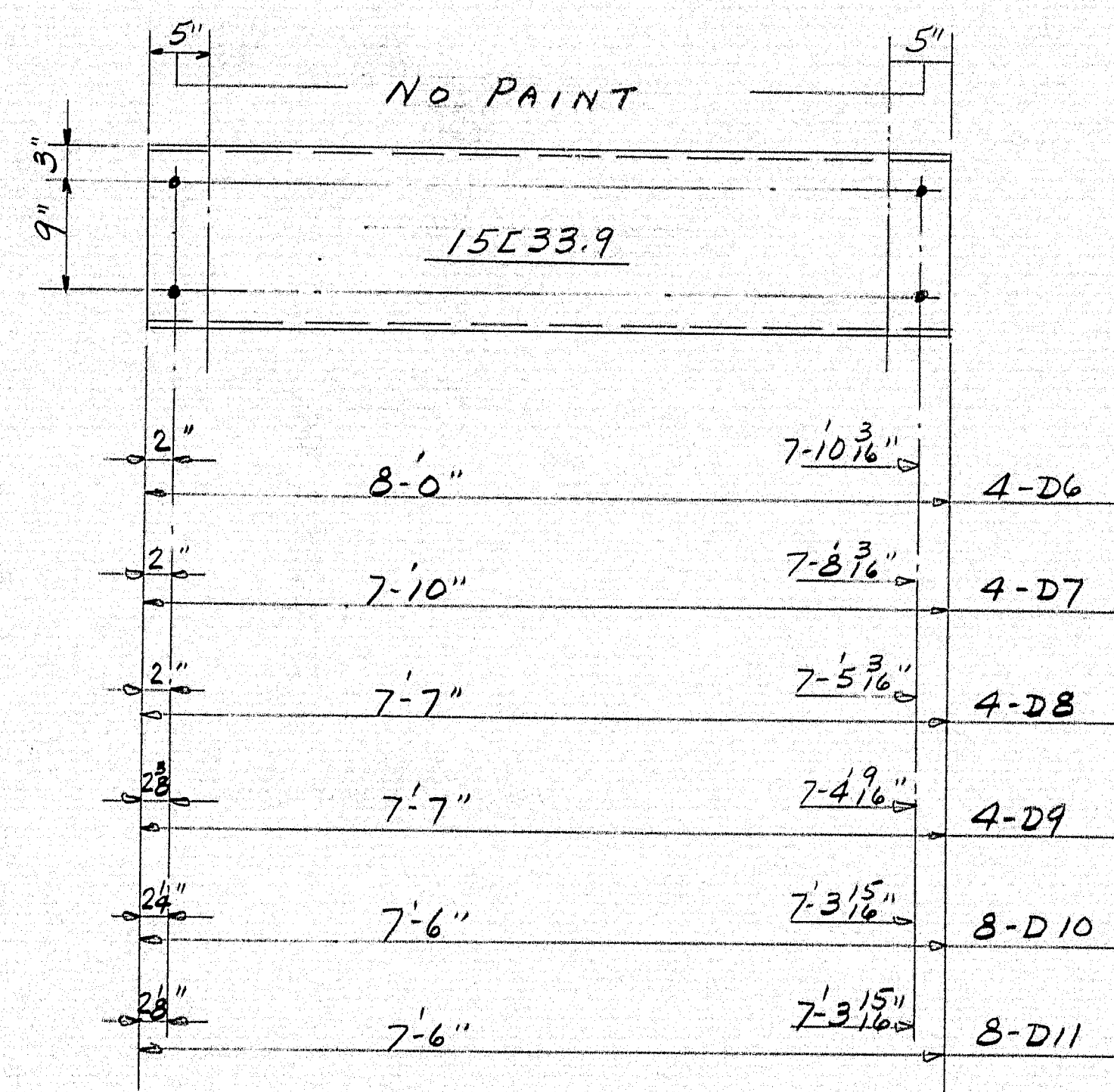
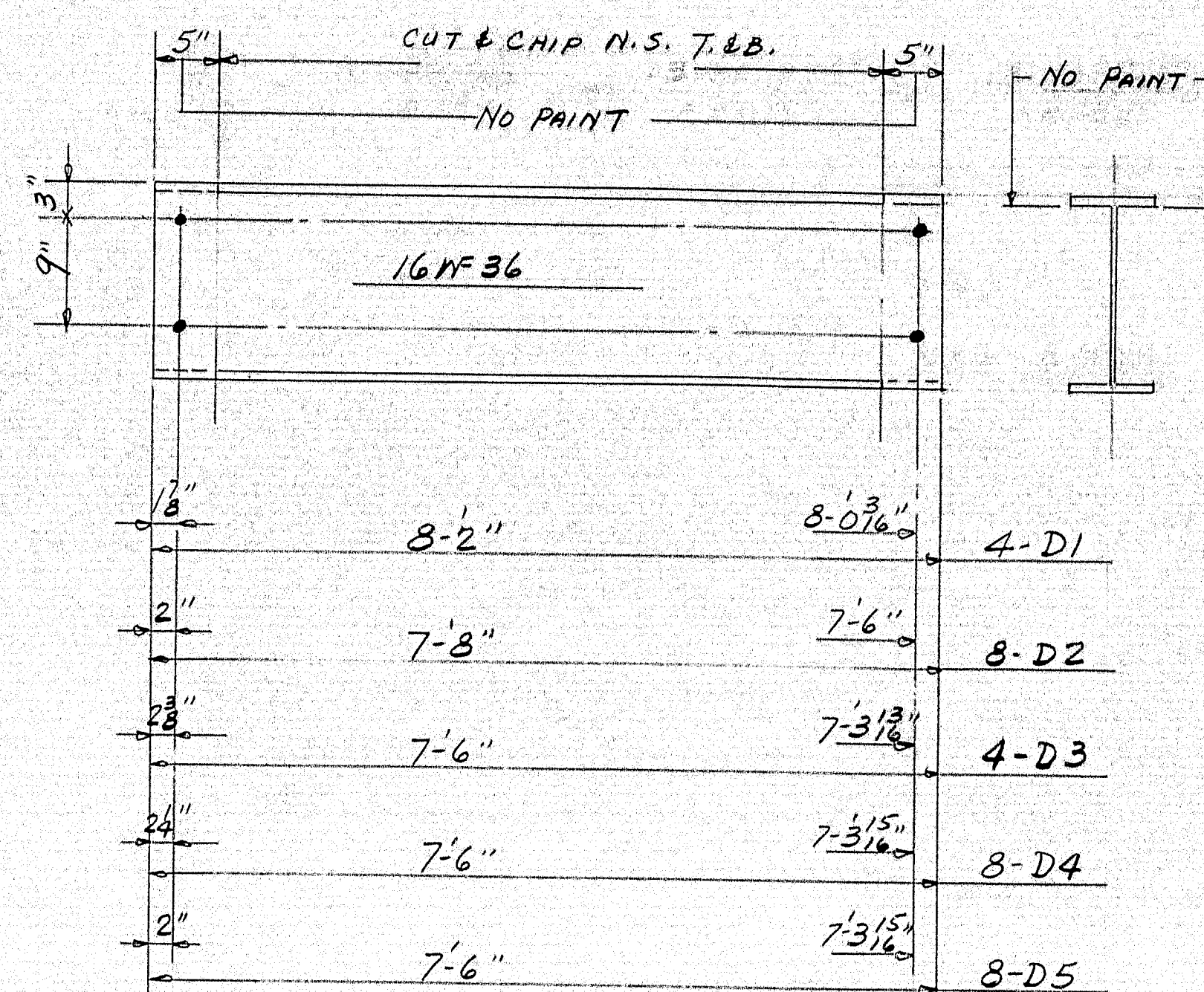
S2B - S2C & S2D



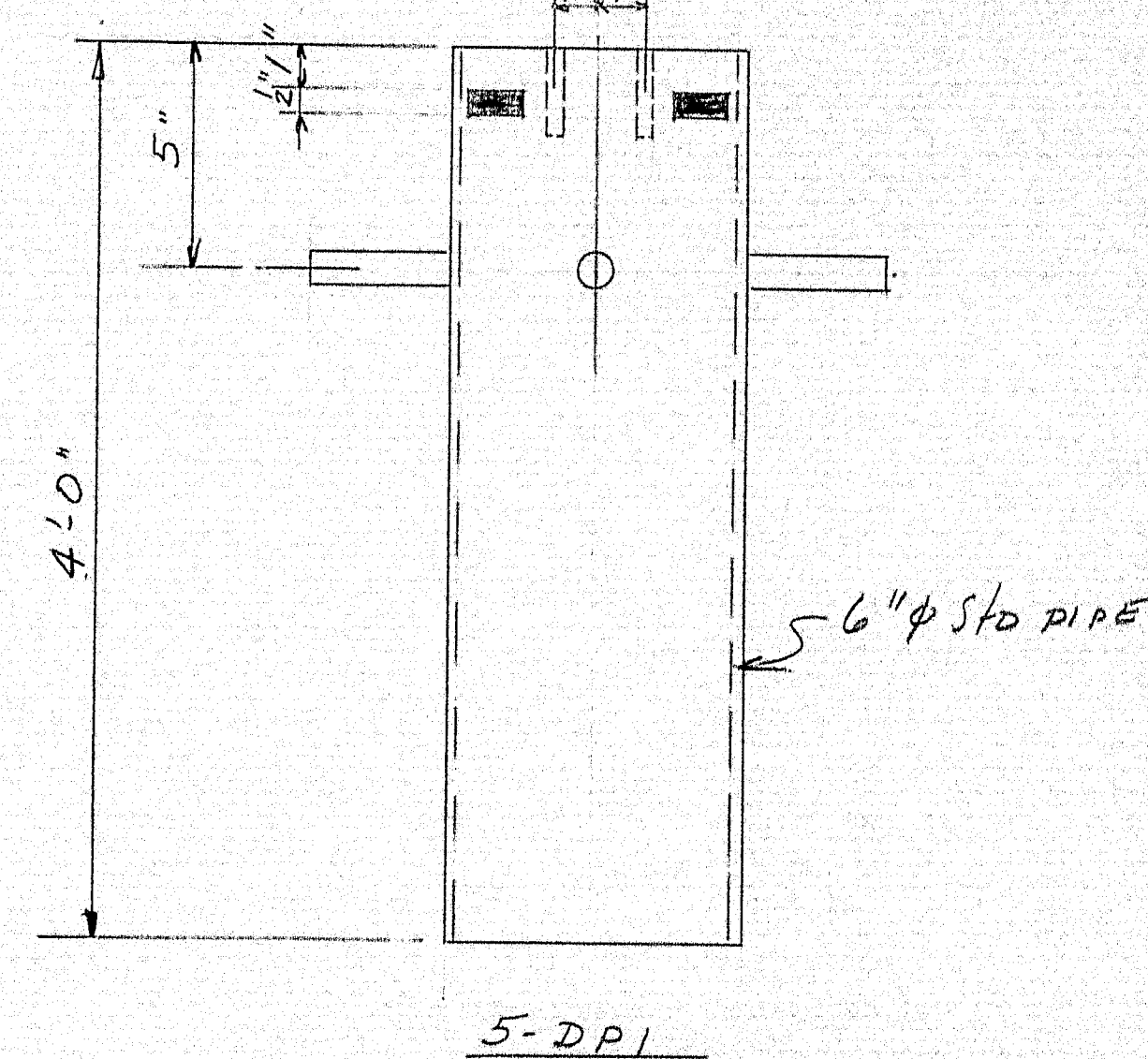
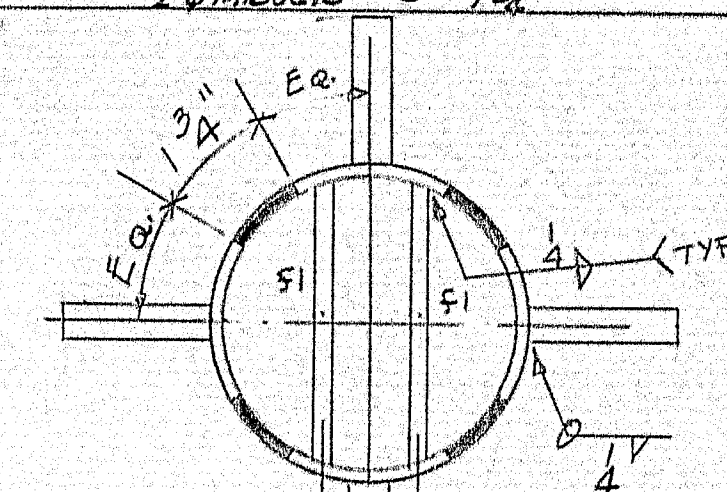
S3A & S3E



S3B - S3C & S3D



SHIP		BILL OF MATERIAL				DWG. B62-237-SB	
MARK	NO.	MARK	SHAPE	LENGTH	WT.	DESIGN	REMARKS
D1	4		16WF36	8' 2"	34#		A7
D2	8		D0	7' 8"	68#		
D3	4		D0	7' 6"	34#		
D4	8		D0	7' 6"	68#		
D5	8		D0	7' 6"	68#		
D6	4		15L33.9	8' 0"	14#		
D7	4		D0	7' 10"	14#		
D8	4		D0	7' 7"	14#		
D9	4		D0	7' 7"	14#		
D10	8		D0	7' 6"	25#		
D11	8		D0	7' 6"	25#		
DPI	5		6" PIPE	4' 0"	14#		
FB1	5		1/2" x 3/8"	0' 9"	2 1/2		
FB2	5		1/2" x 3/8"	0' 8"			
	10	51	BAR 2 x 3/8"	0' 6"			
	20		#6 RE-BAR	0' 3"			
FIELD	5		5/8" BOLTS	0' 13"			



SHOP CONNECTIONS: WELD
FIELD CONNECTIONS: DO
HOLES: 1/8" & UNLESS NOTED
PAINT: STATE SPECS
APPROVED EXCEPT AS NOTED 10-12-62

DIAPHRAGMS & DRAIN PIPES			
PRINT ISSUE		Bancroft & Martin Rolling Mills Company Brewer, Maine	
5 ERECT.	10-18-62	Route #100 BRIDGE OVER INTER. #95	
5 SHOP	10-18-62	PALMYRA - NEWPORT MAINE	
2 F.A.	10-10-62	CUSTOMER REED & REED	
DRAWN	10-8-62 E.M.	DESIGNER STATE HIGHWAY COMM.	
REVISION	10-16-62 E.M.	ORDER VERBAL	
REVISION		DWG. B62-237-SB	

