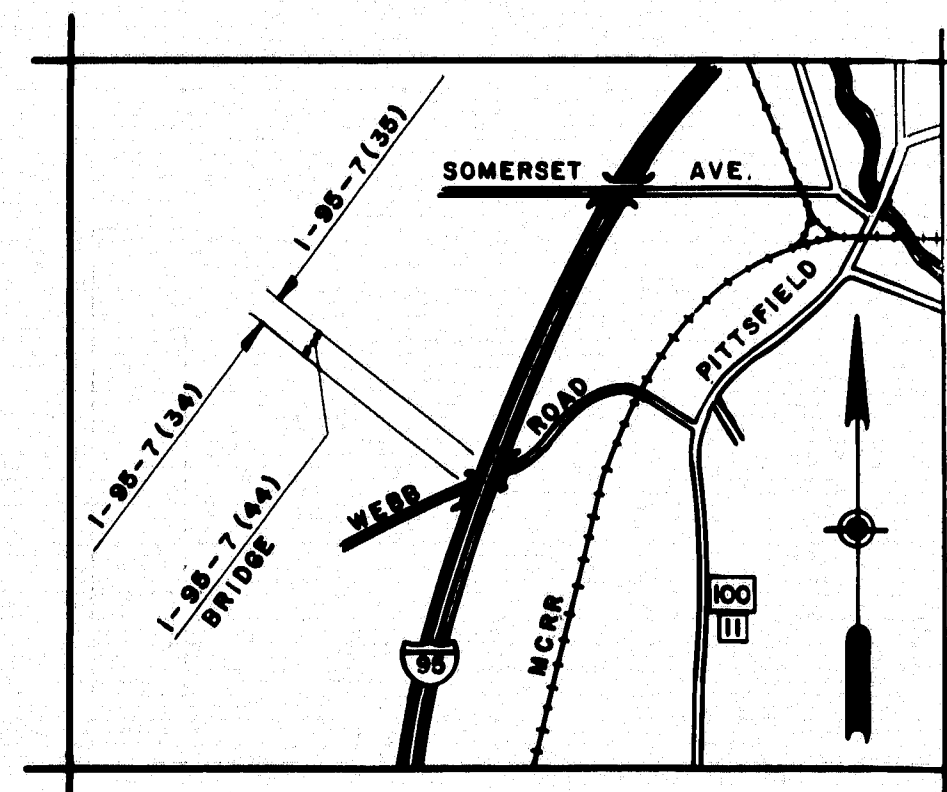


STATE OF MAINE
STATE HIGHWAY COMMISSION



INTERSTATE 95
OVER
WEBB ROAD
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY
FEDERAL AID PROJECT NO. I-95-7(44)142
LENGTH OF PROJECT 0.085 MILES



LOCATION MAP
APPROX. SCALE - 1" = 1 MILE

INDEX OF SHEETS

1. TITLE SHEET
2. FOUNDATION SURVEY
3. SLOPE PAVING AND APPROACH WORK, N.B.
4. CROSS SECTIONS, N.B.
5. SLOPE PAVING AND APPROACH WORK, S.B.
6. CROSS SECTIONS, S.B.
7. GENERAL PLAN (ESTIMATE OF QUANTITIES)
8. PIERS, N.B.
9. ABUTMENT NO. 1, N.B.
10. ABUTMENT NO. 2, N.B.
11. PIERS, S.B.
12. ABUTMENT NO. 1, S.B.
13. ABUTMENT NO. 2, S.B.
14. STRUCTURAL STEEL, N.B. & S.B.
- 15, 16. SUPERSTRUCTURE, N.B.
17. SUPERSTRUCTURE, S.B. - TYPICAL SECTION, N.B. & S.B.
18. SUPERSTRUCTURE, S.B.
19. APPROACH SLAB - UTILITIES LAYOUT - BLOCKING - GRANITE CURB
20. REINFORCING STEEL SCHEDULE

STANDARD DETAIL SHEETS

- BD 101-62 BEARING PEDESTAL
- BD 102-62 BRIDGE RAIL
- BD 103-62 BEAM SPLICES
- BD 104-62 DIAPHRAGMS, ARMORED JOINT
SHEAR CONNECTORS, DRAIN

TRAFFIC

WEBB ROAD	INTERSTATE 95
255	A.D.T. 1962 6200
360	A.D.T. 1982 8430
43	D.H.V. 1012
11%	T 11%
60%	D 60%
60 MPH	V 60 MPH

APPROVED
MAINE STATE HIGHWAY COMMISSION

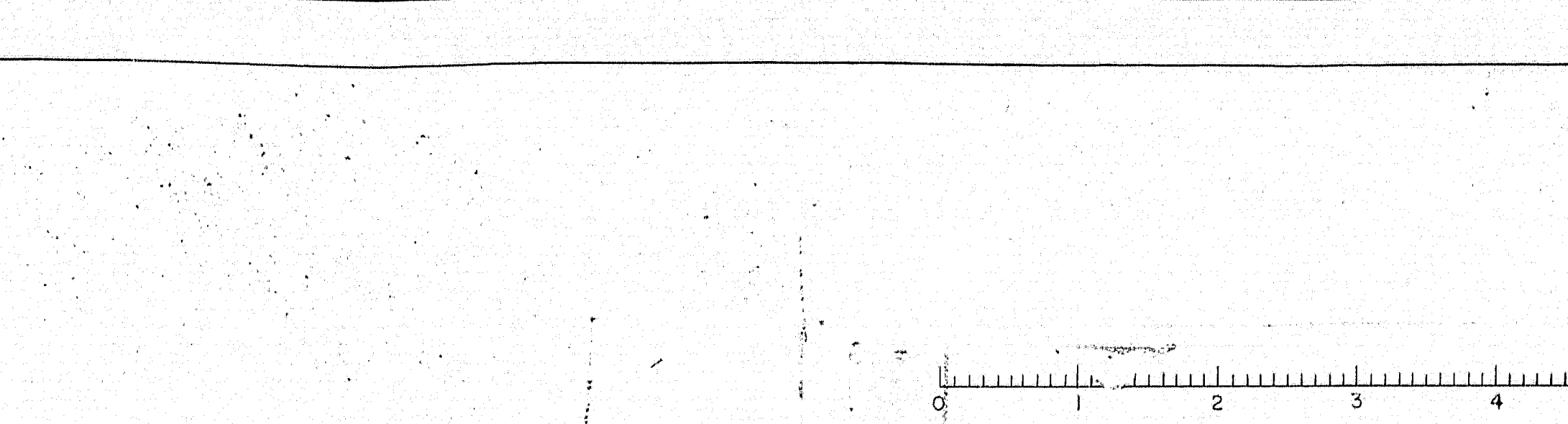
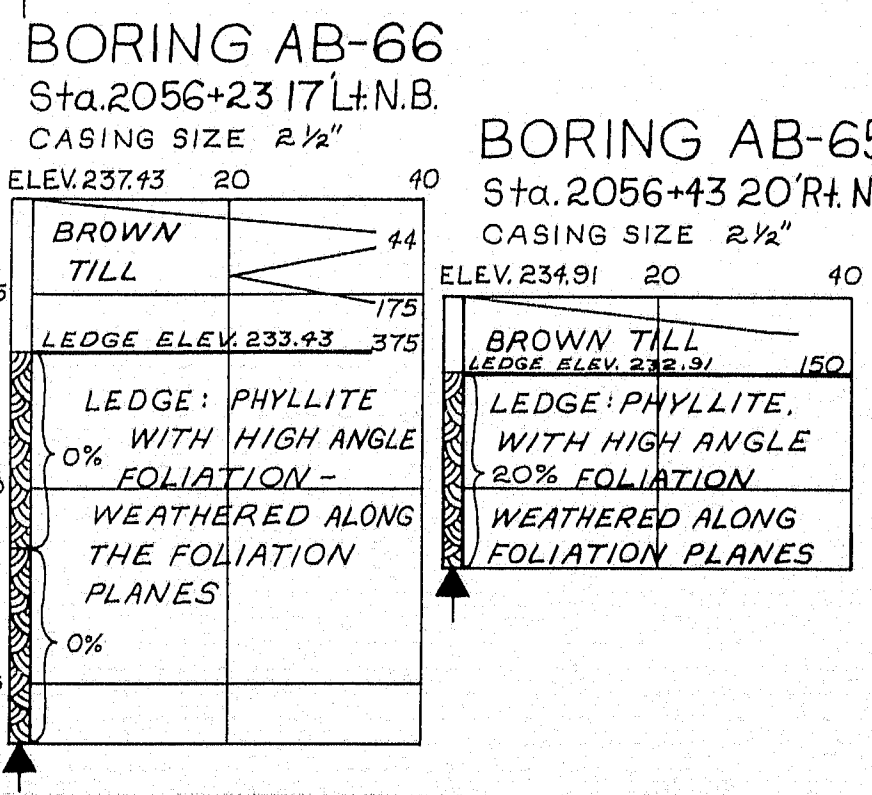
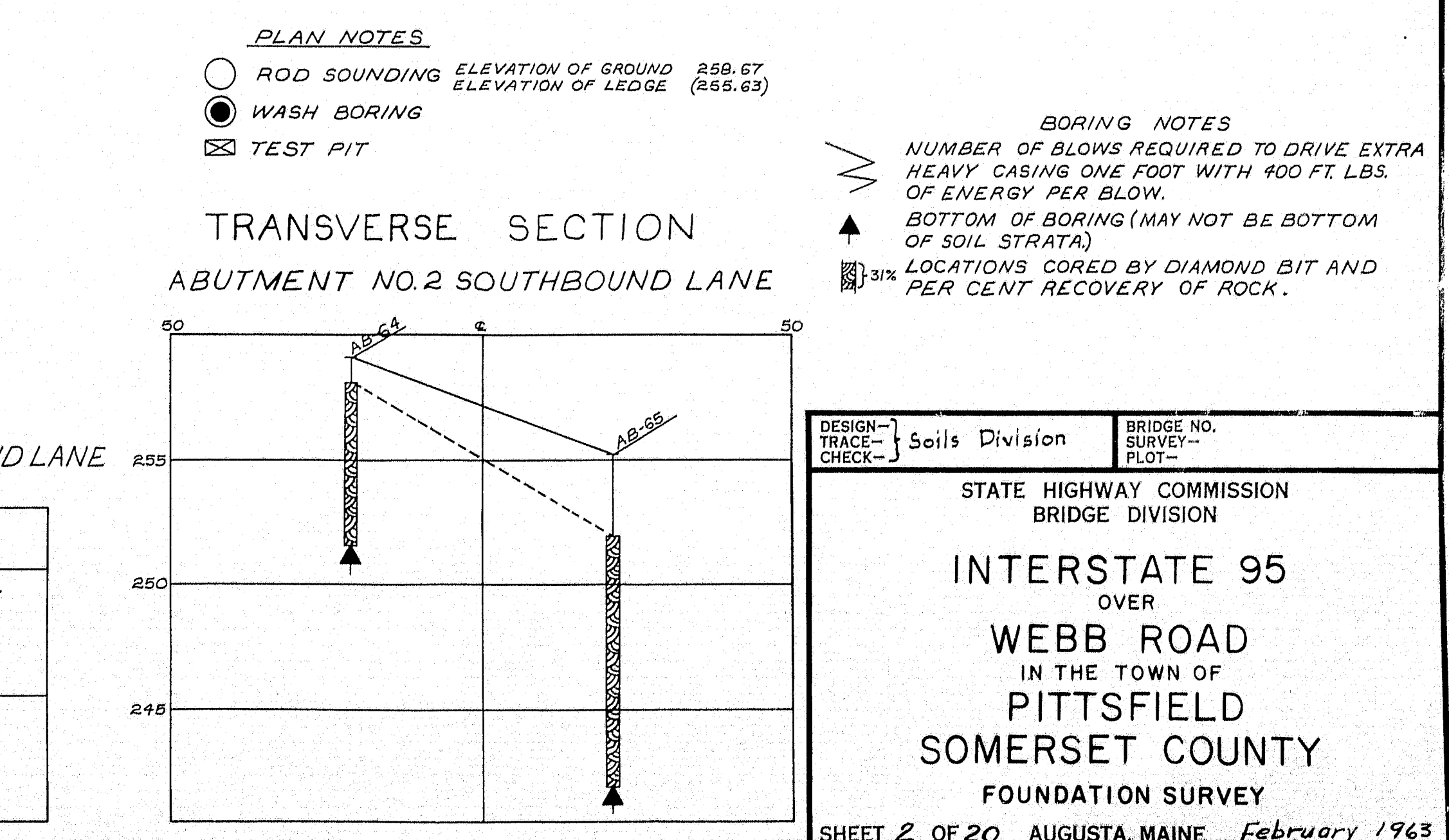
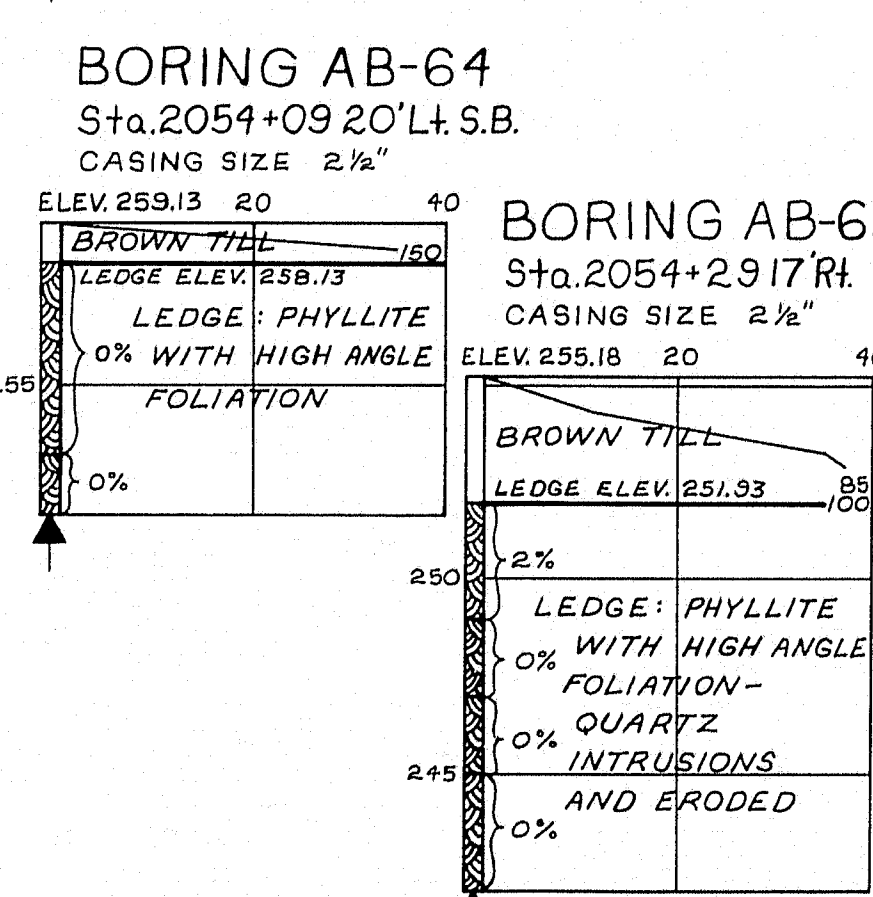
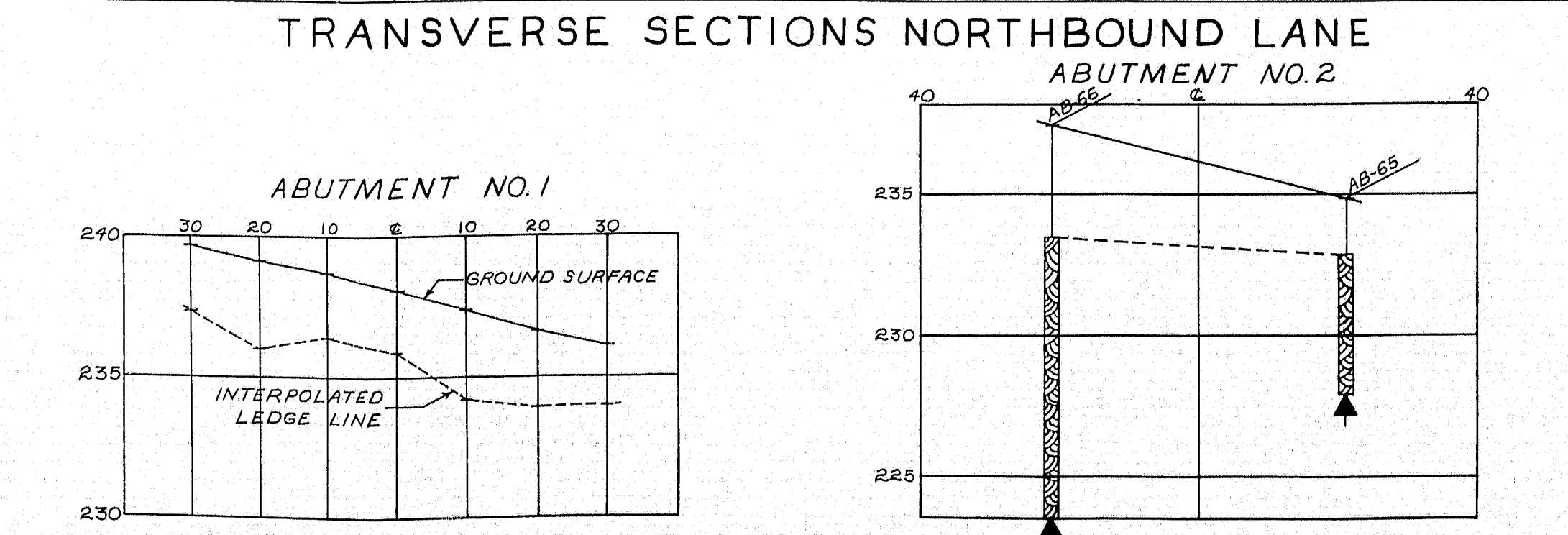
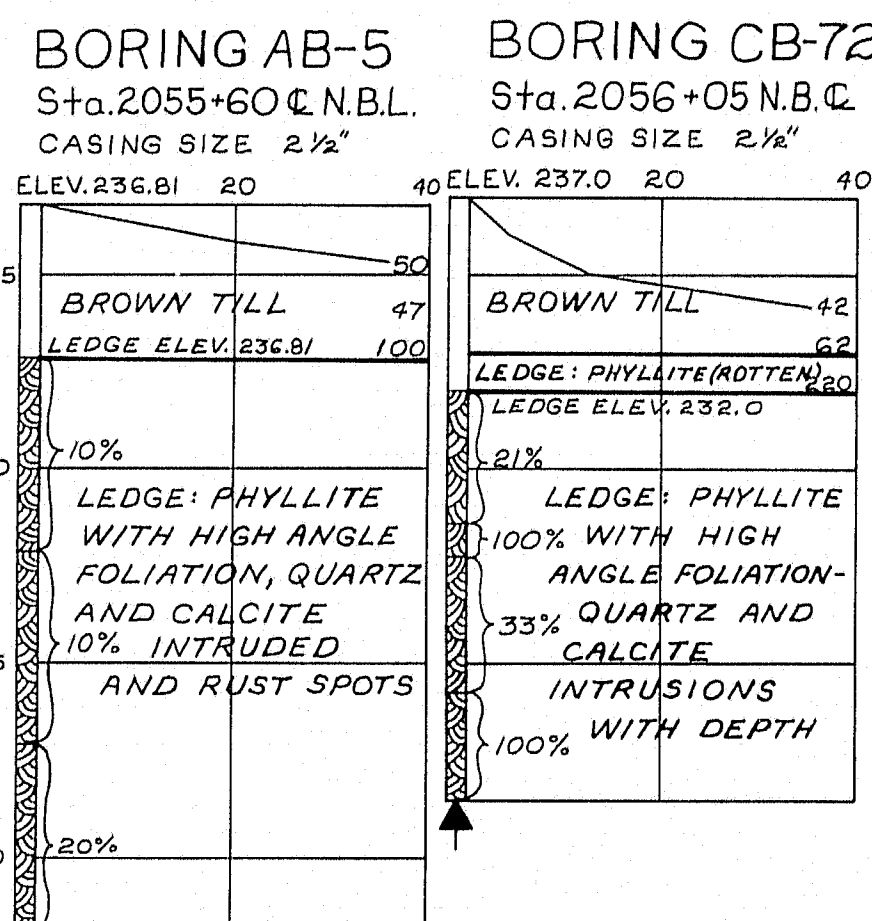
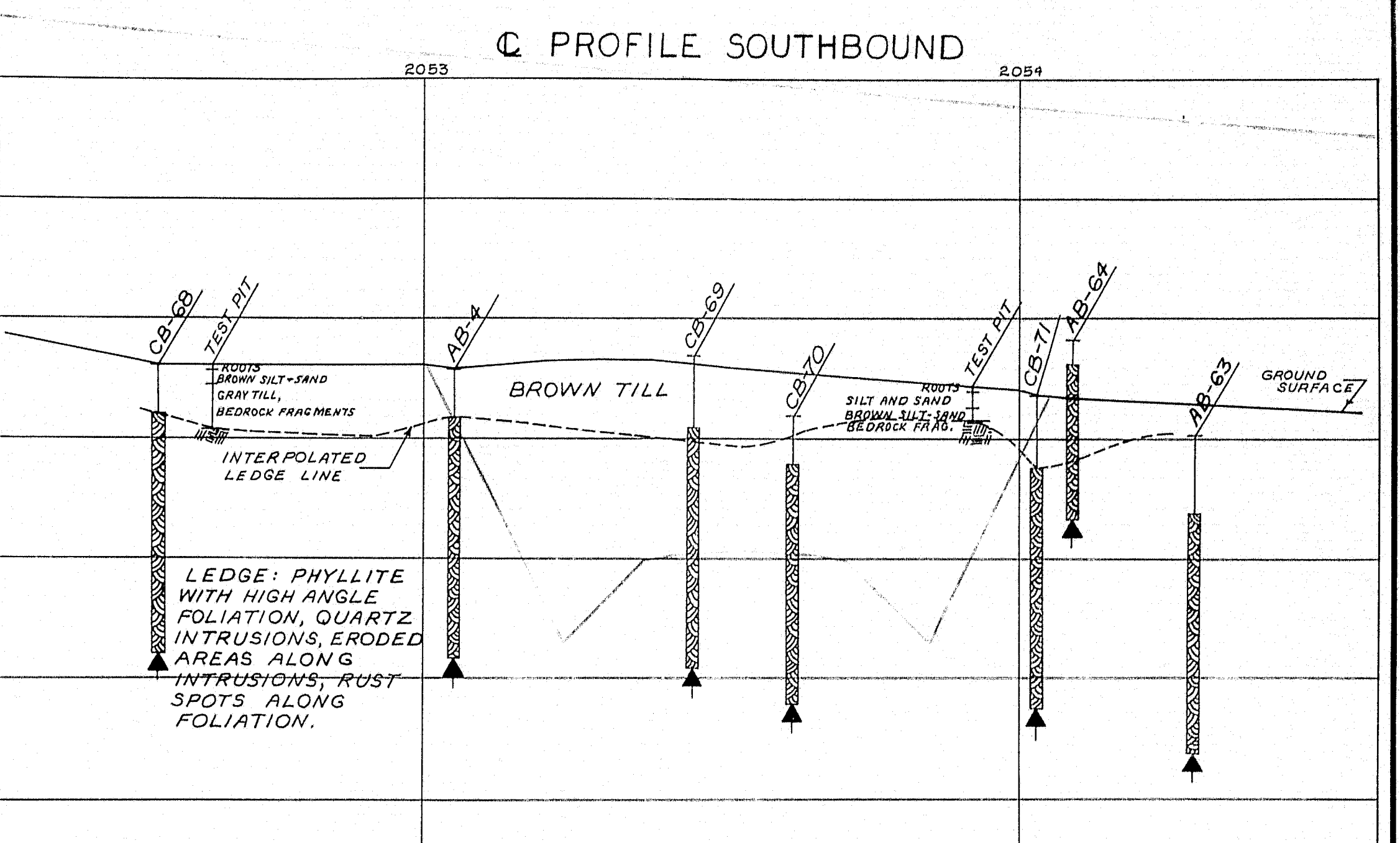
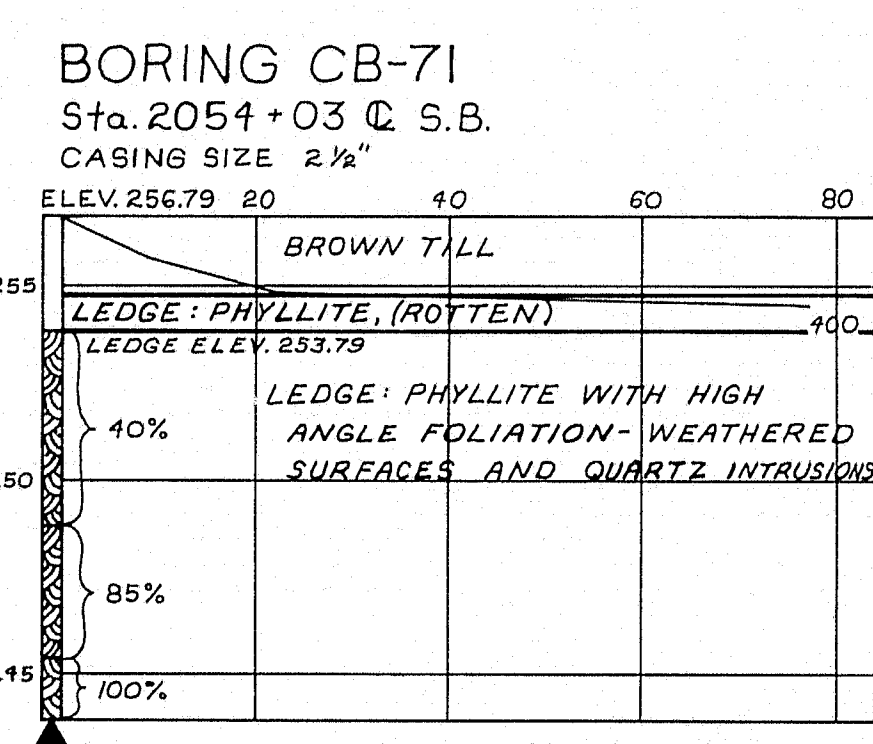
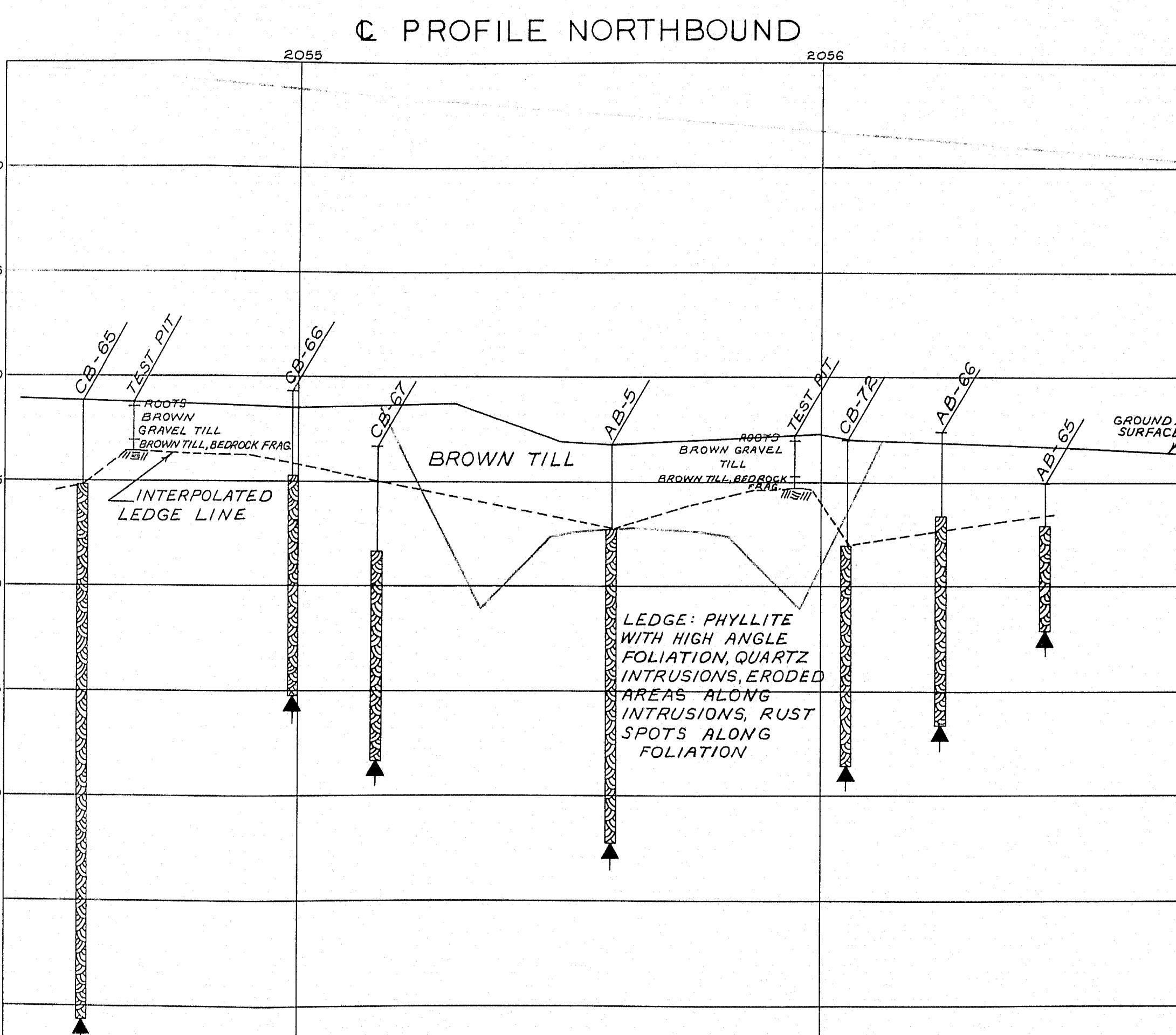
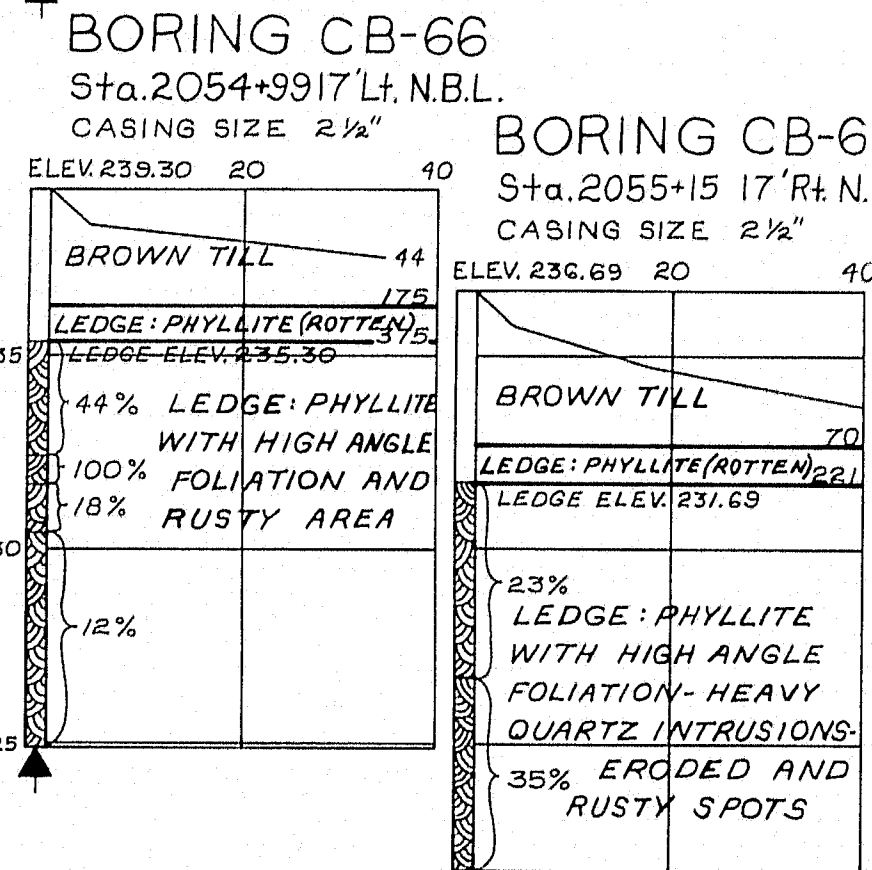
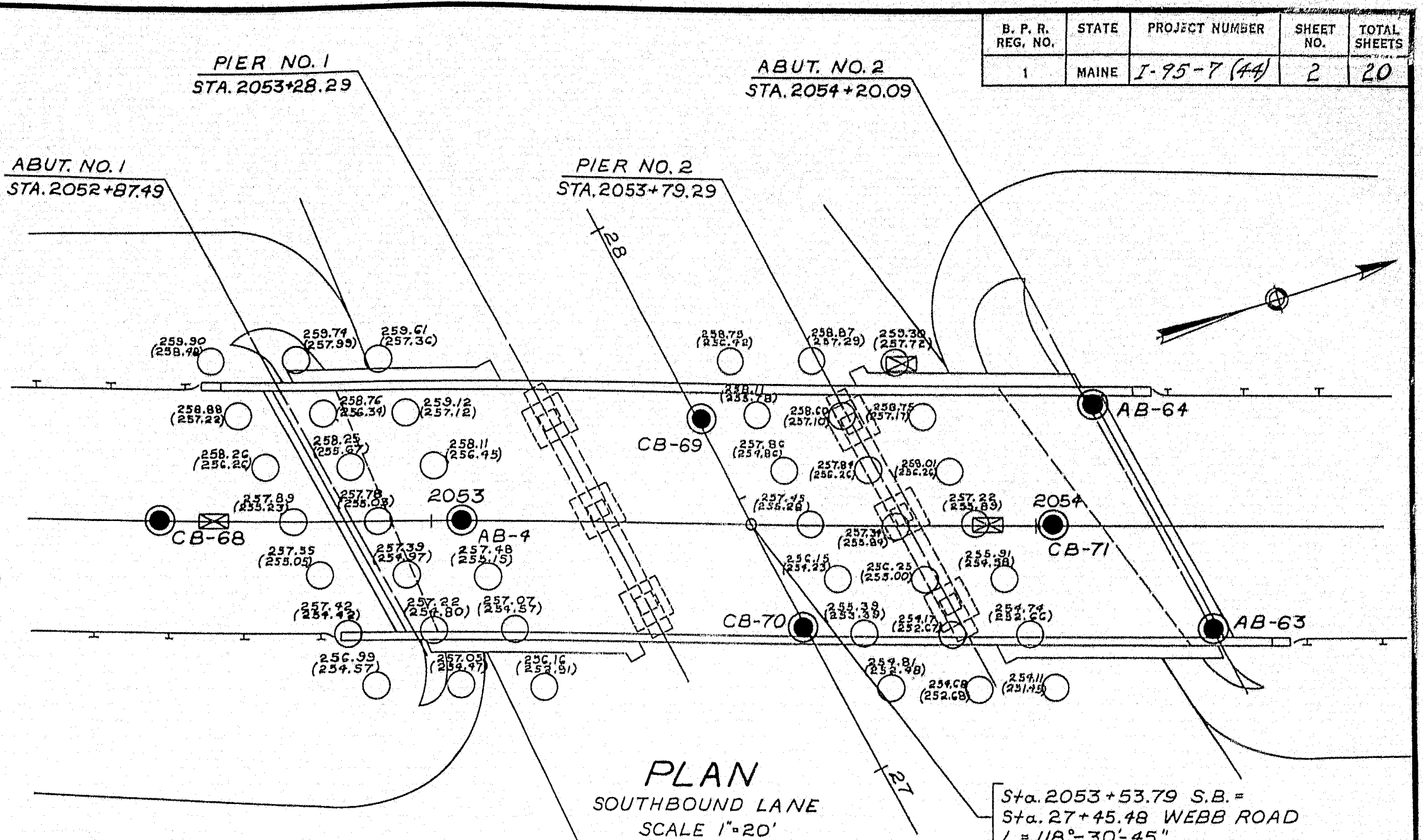
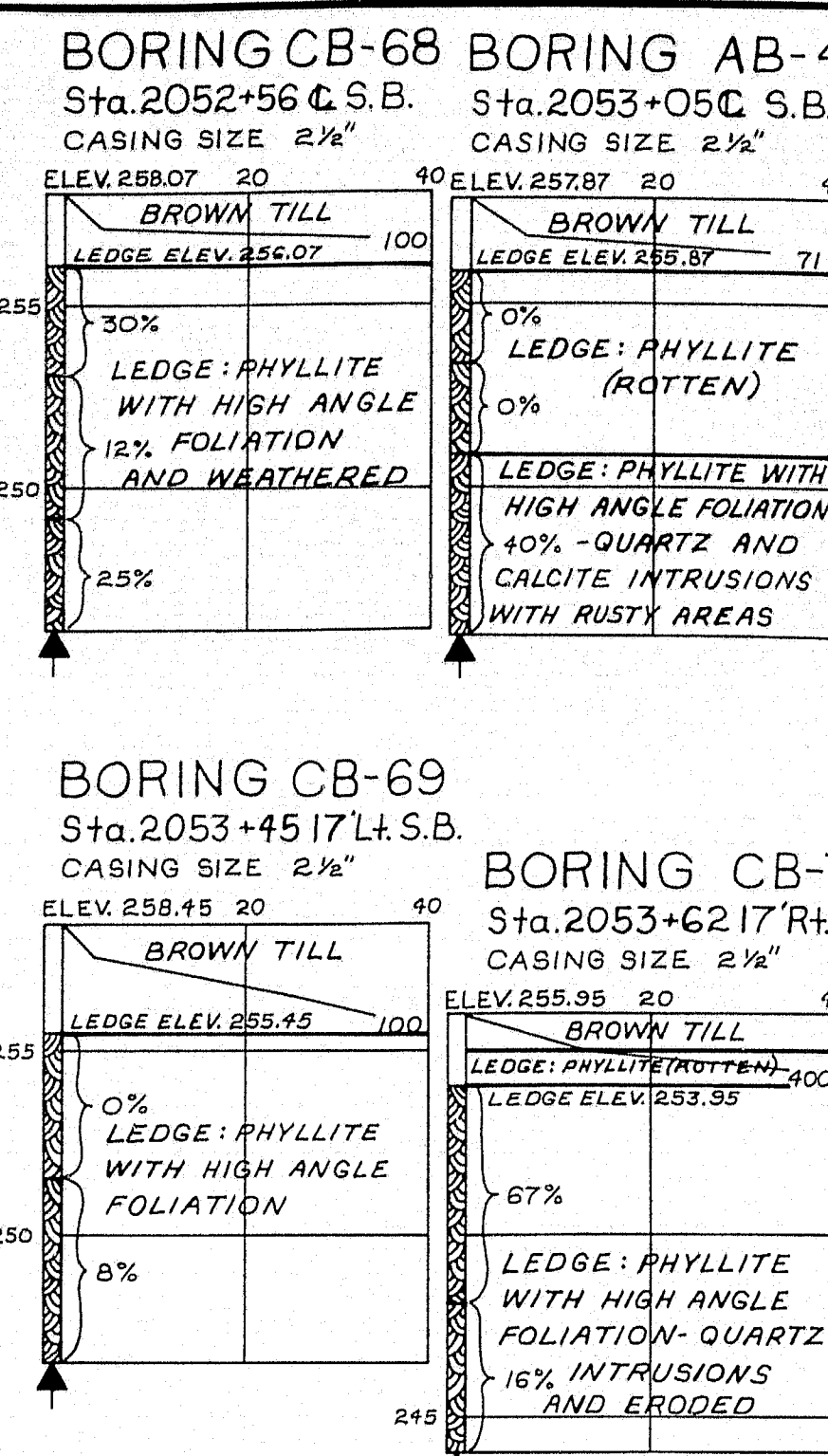
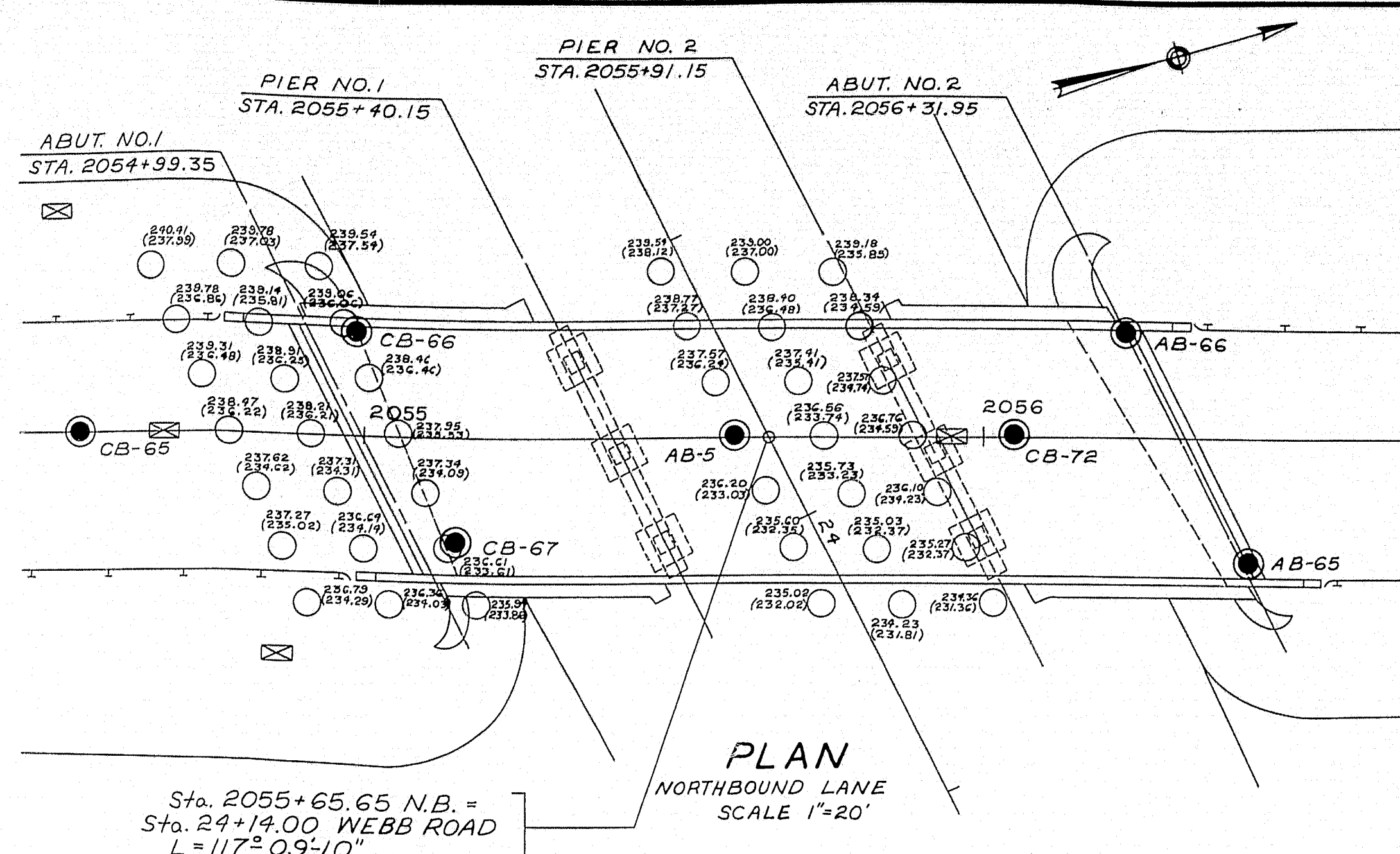
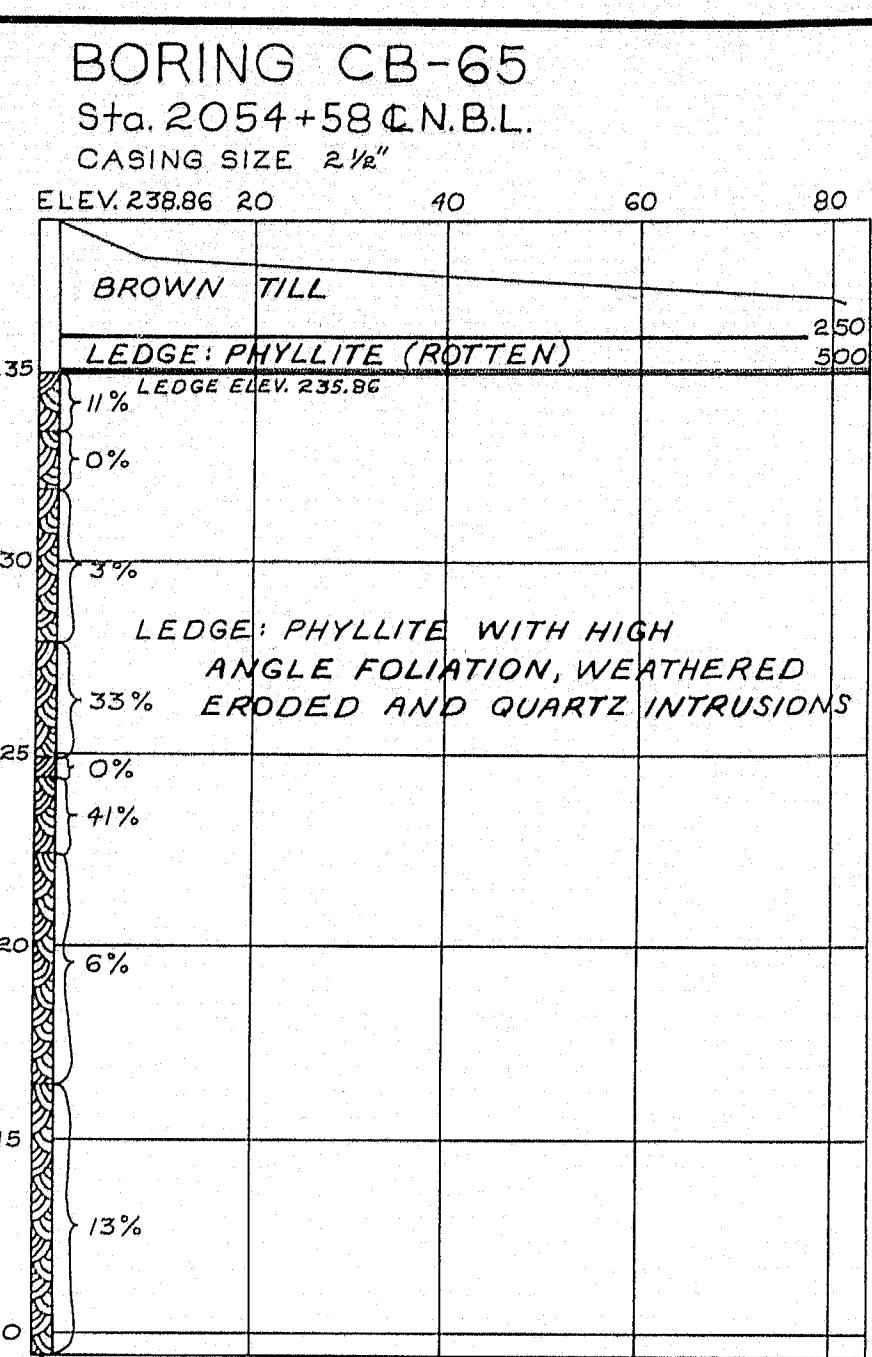
David W. Sullivan
CHAIRMAN
Robert W. Williams
CHIEF ENGINEER
4-10-63
DATE

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
REGION I

APPROVED

DIVISION ENGINEER DATE

D. P. R. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	J-75-7 (44)	2	20



PLAN NOTES

- ROD SOUNDING ELEVATION OF GROUND 258.67
- WASH BORING ELEVATION OF LEDGE (255.63)
- ⊠ TEST PIT

BORING NOTES

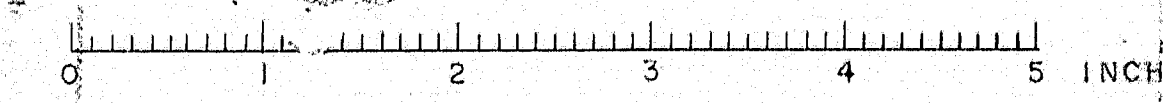
- NUMBER OF BLOWS REQUIRED TO DRIVE EXTRA HEAVY CASING ONE FOOT WITH 400 FT. LBS. OF ENERGY PER BLOW.
- BOTTOM OF BORING (MAY NOT BE BOTTOM OF SOIL STRATA)
- LOCATIONS CORED BY DIAMOND BIT AND PER CENT RECOVERY OF ROCK.

DESIGN: Soils Division
TRACE: Bridge No. 1
CHECK: Survey Plot

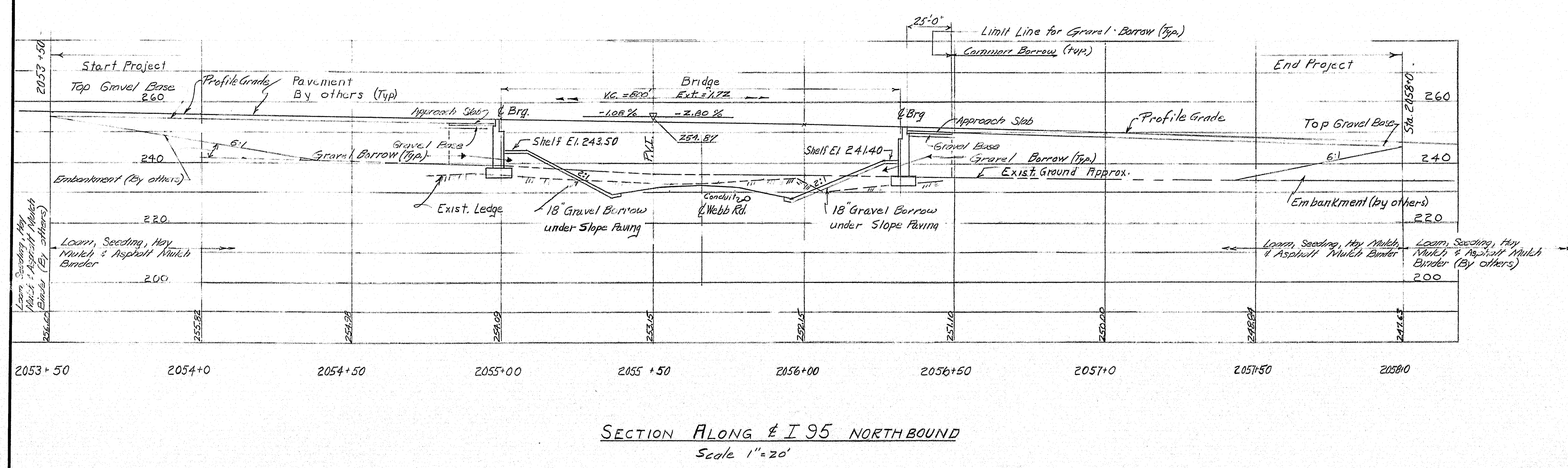
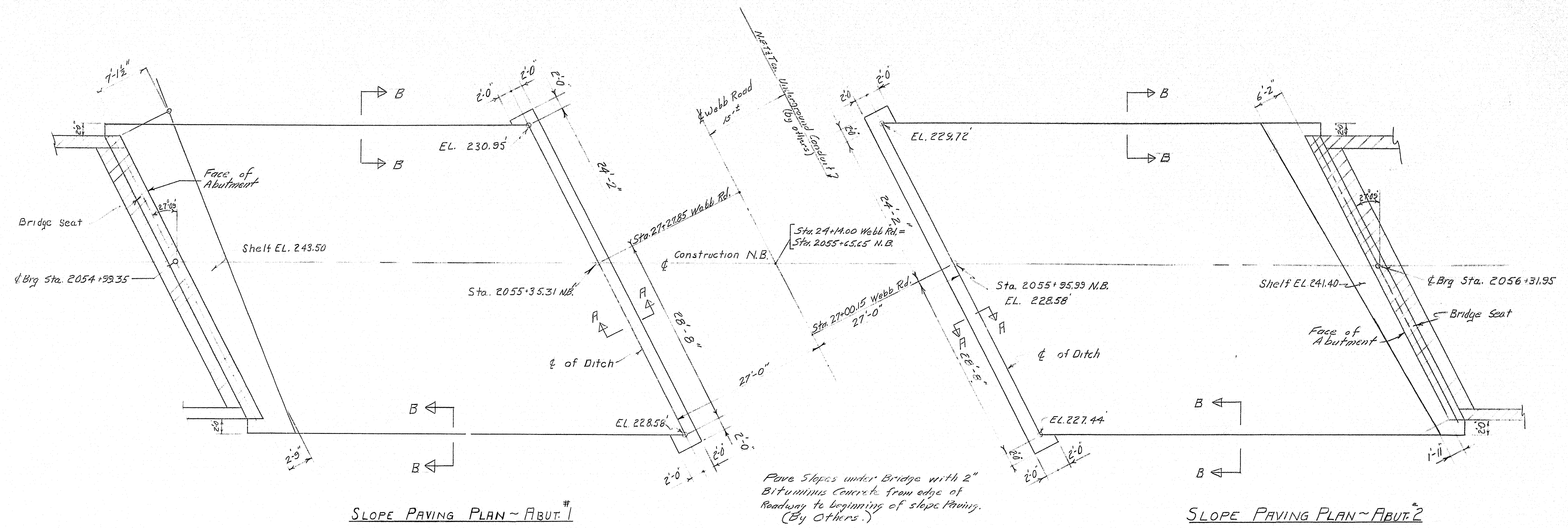
STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
WEBB ROAD
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY
FOUNDATION SURVEY

SHEET 2 OF 20 AUGUSTA, MAINE February 1963



B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-1(44)	3	20



DESIGN - *CHL* DETAIL IVM
TRACE - *CHL*
CHECK - *E.A.S.*

BRIDGE NO. *100*
SURVEY - *100*
PLOT - *100*

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95 OVER WEBB ROAD

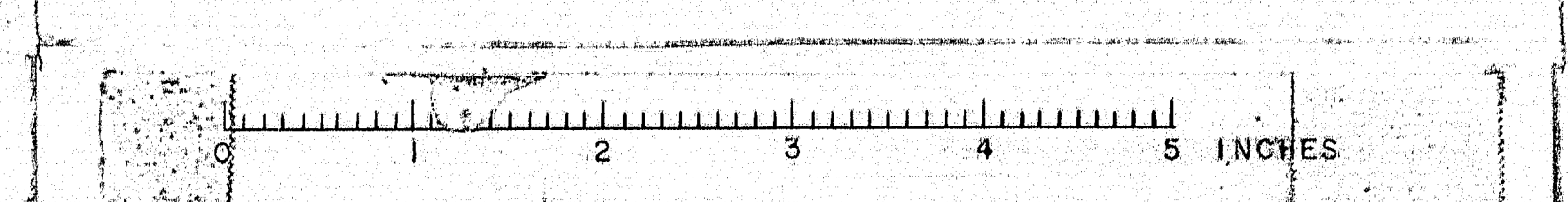
IN THE TOWN OF
PITTSFIELD

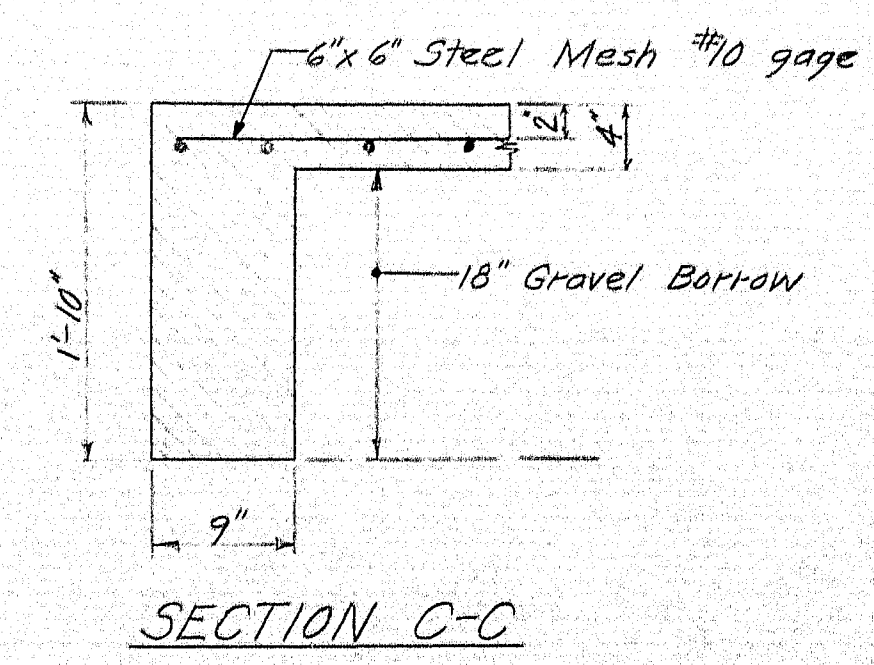
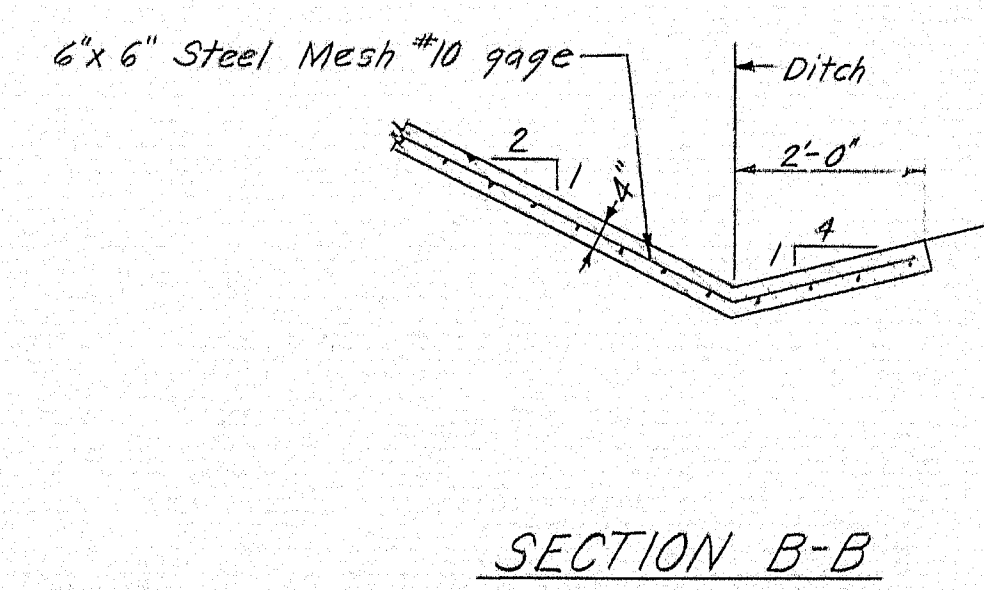
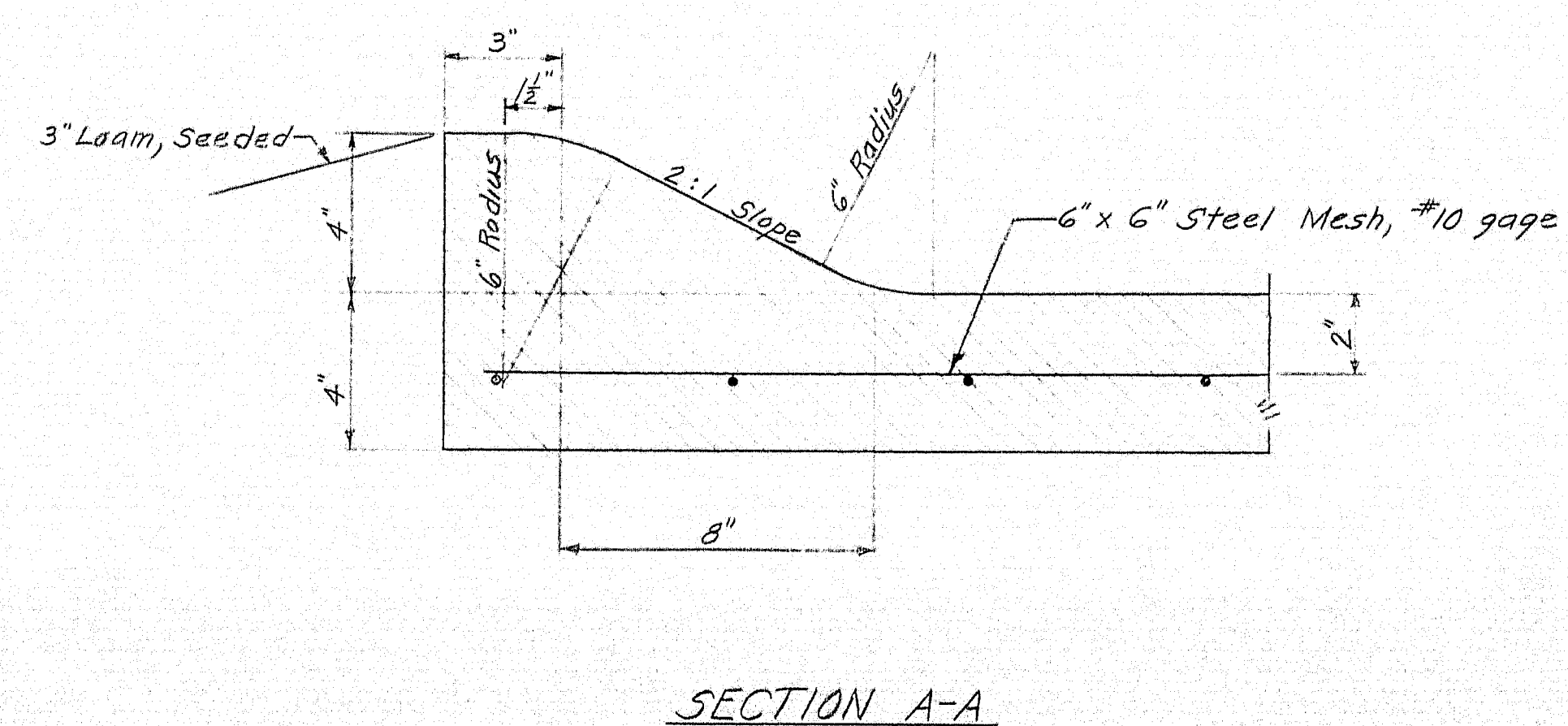
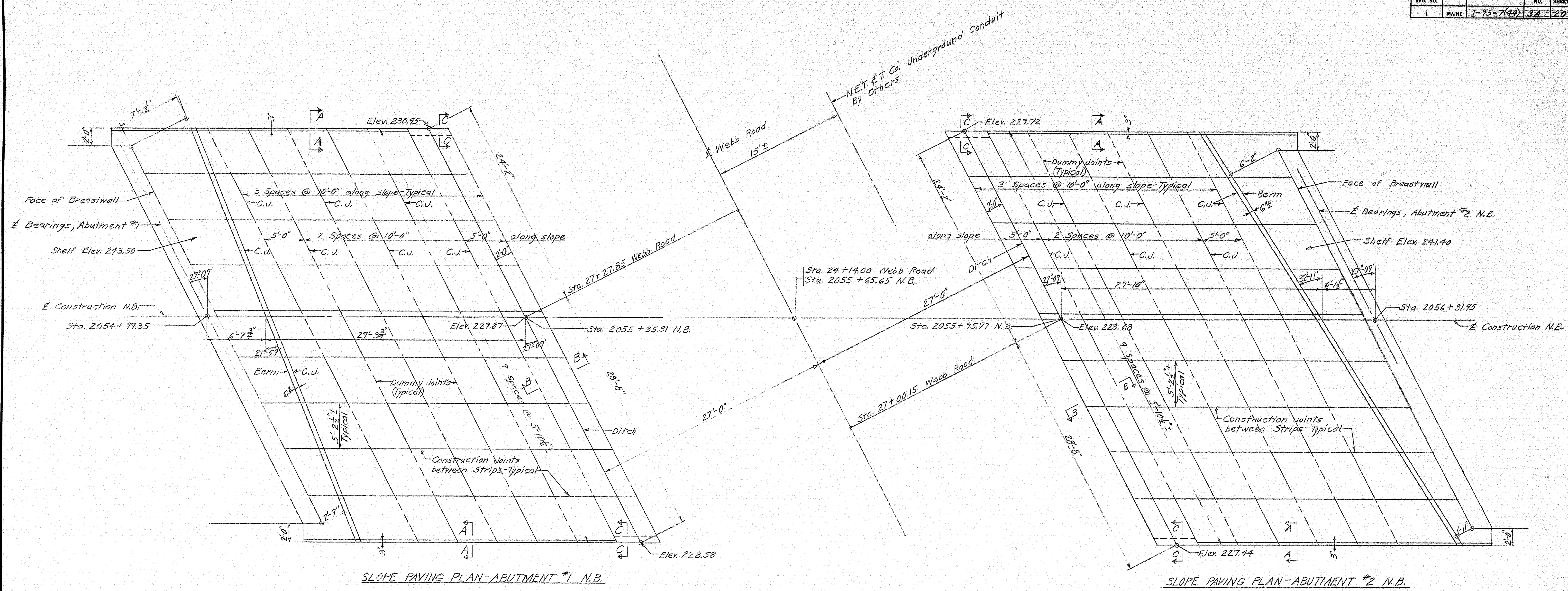
SOMERSET COUNTY

SLOPE PAVING N.B.

APPROACH WORK

SHEET 3 OF 20 AUGUSTA, MAINE April 1983





NOTES:

Break bond at Construction Joints with one coat of asphalt paint.

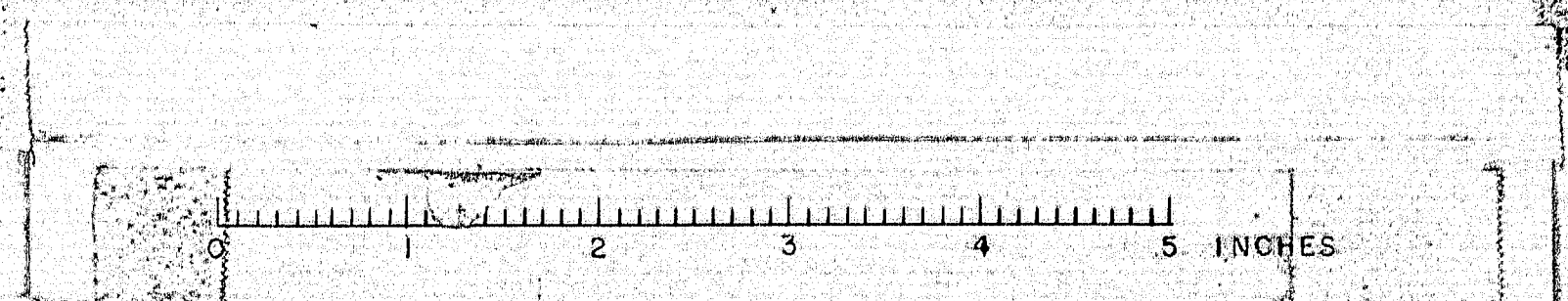
Reinforce with #10 gage, 6"x6" Steel Mesh, not to pass through Construction Joints.

At Contractors option, sections of the same strip may be cast in order. Bond will be broken between adjoining sections with $\frac{1}{2}$ " of Bituminous Treated Preformed Expansion Joint Filler.

Dummy Joints shall be made with a sidewalk edging tool to a depth of about $\frac{1}{2}$ ".

All Construction Joints shall be finished with a sidewalk edging tool. Top surface of all joints shall be uniform in appearance.

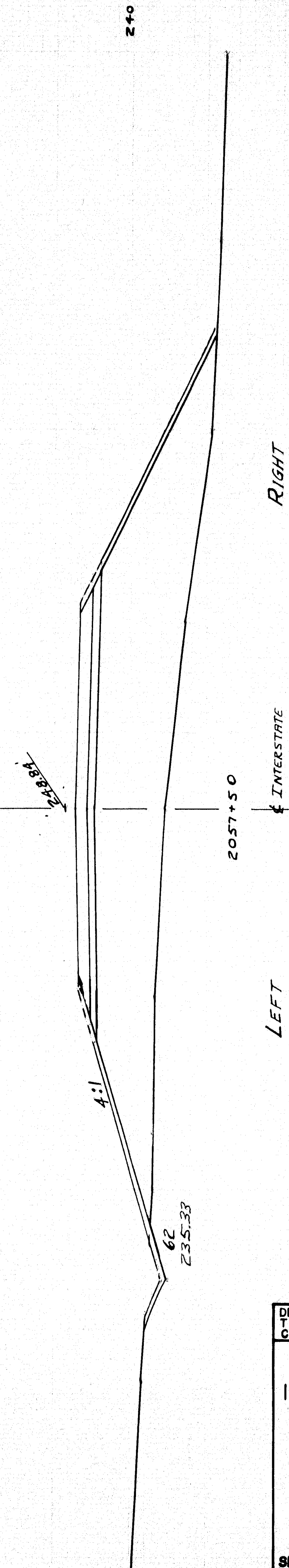
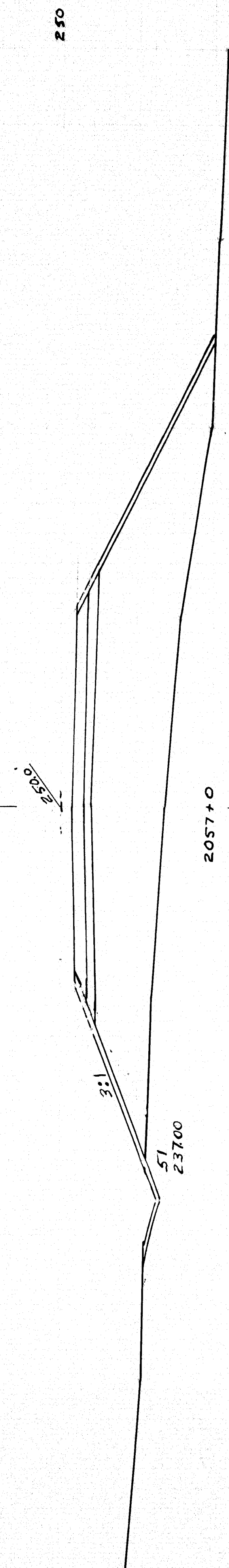
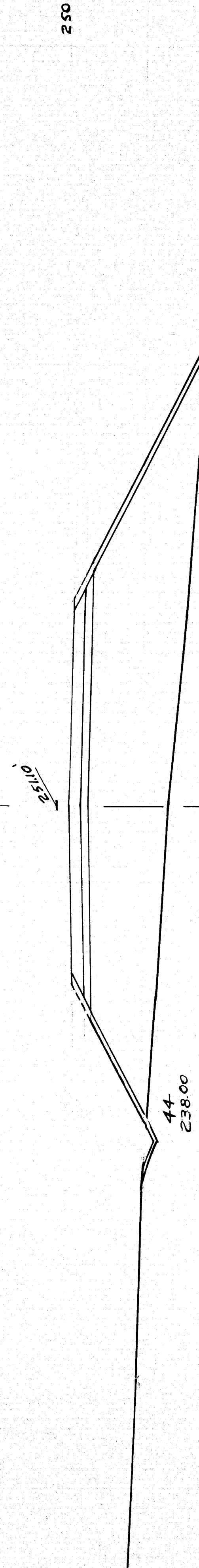
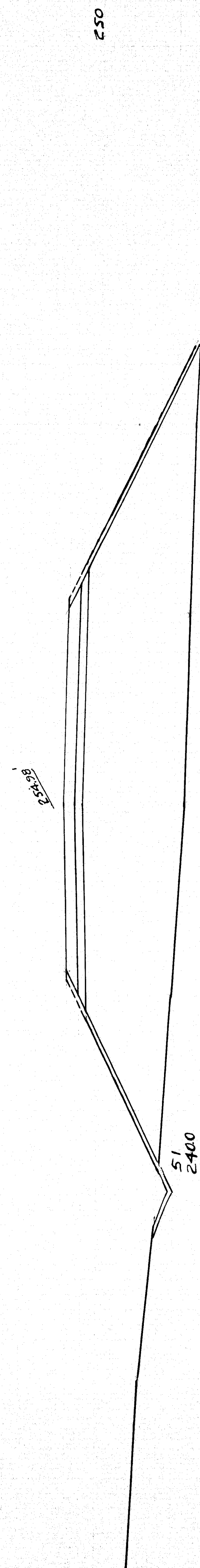
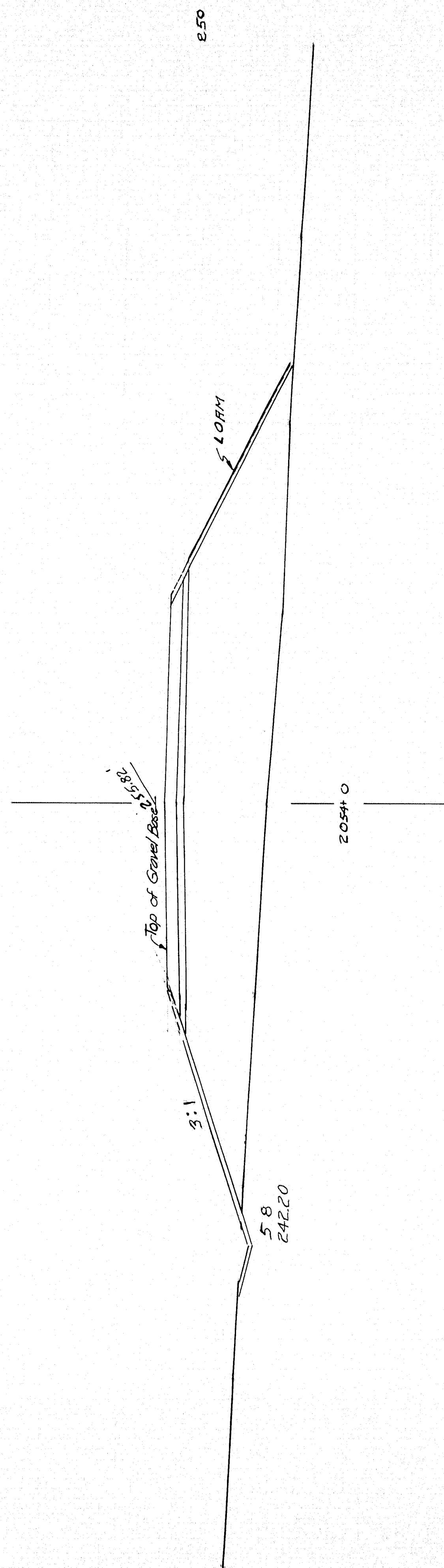
DESIGN-AMR TRACE- CHECK- <u>VE</u>	BRIDGE NO. SURVEY- PLOT-
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
INTERSTATE 95 OVER WEBB ROAD	
IN THE TOWN OF	
PITTSFIELD	
SOMERSET COUNTY	
ALTERNATE SLOPE PAVING N.B.	



B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(44)	4	20

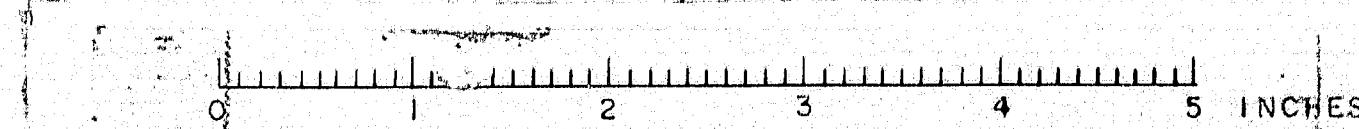
NOTE:
See Sh. '6 for 'Typical Interstates
Section'

O SECTION @ 2053+50



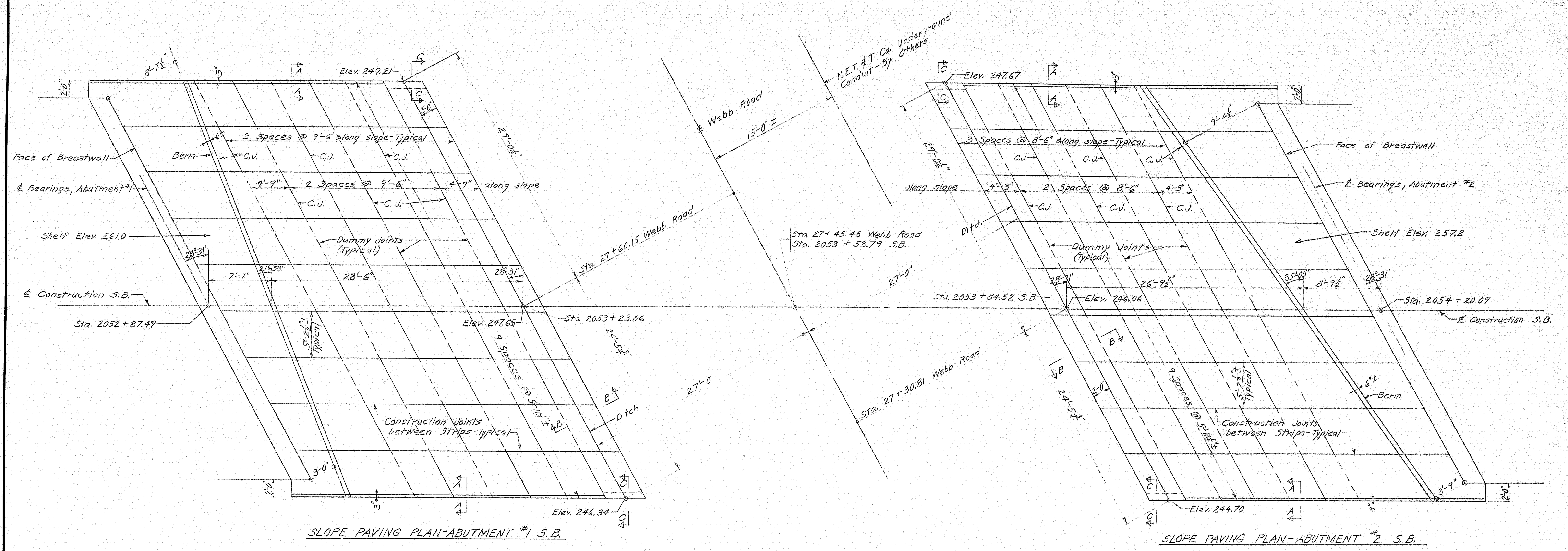
O SECTION @ 2058+0
NORTH BOUND

DESIGN I/M TRACE CHECK	DETAIL I/M SURVEY PLOT	BRIDGE NO. PLOT
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
INTERSTATE 95 OVER WEBB ROAD		
IN THE TOWN OF PITTSFIELD		
SOMERSET COUNTY		
CROSSECTIONS NB		
SHEET 4 OF 20 AUGUSTA MAINE April 1963		



87-104

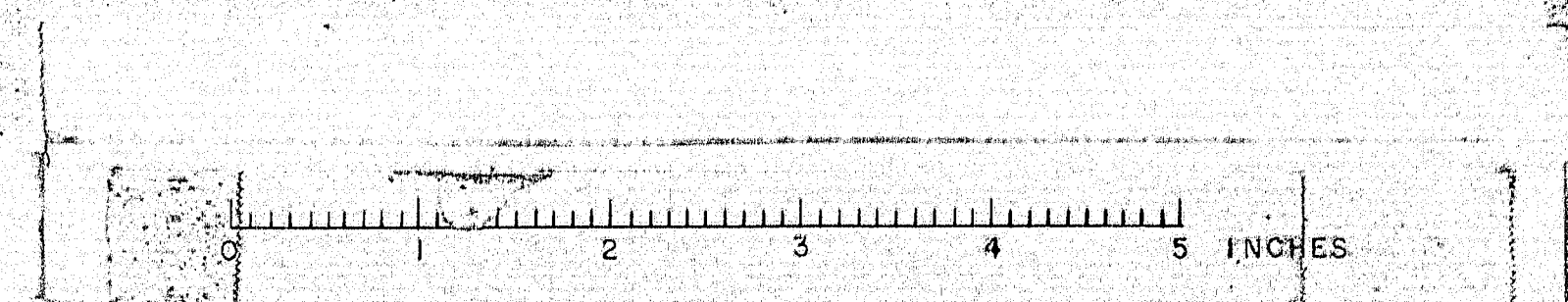
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(4A)	5A	20



NOTE: Sections and Notes are on Sheet 3A.

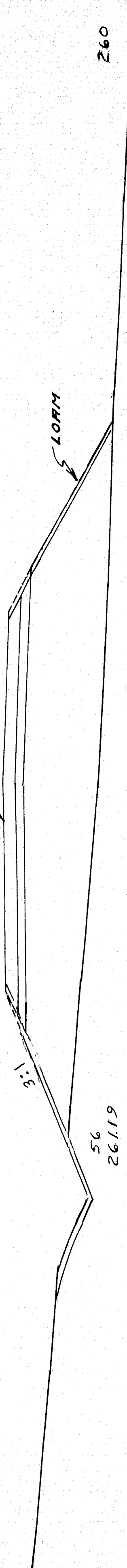
DESIGN - A.H.R.	BRIDGE NO. SURVEY - PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
INTERSTATE 95 OVER WEBB ROAD	
IN THE TOWN OF PITTSFIELD	
SOMERSET COUNTY	
ALTERNATE SLOPE PAVING S.B.	
SHEET 5A OF 20 AUGUSTA, MAINE AUG. 1963	

87-105A

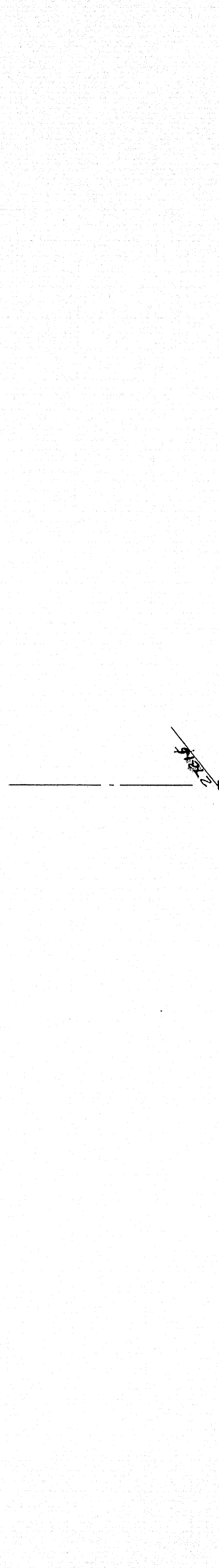


O SECTION @ 2051+50

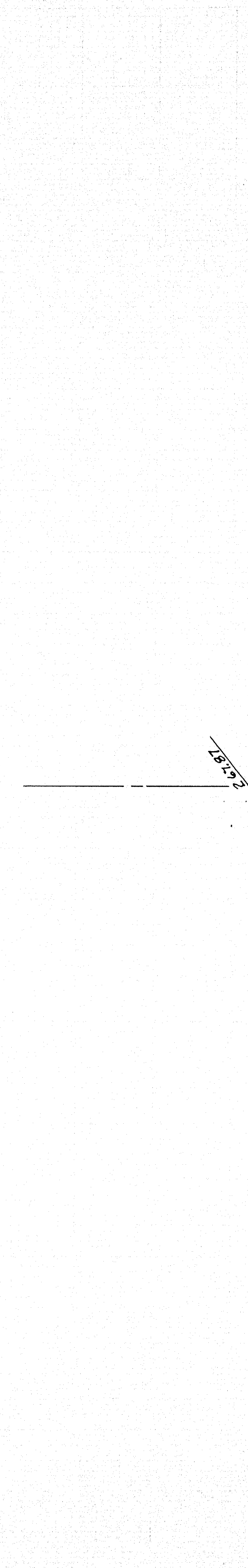
Top of Gravel Base 261.19



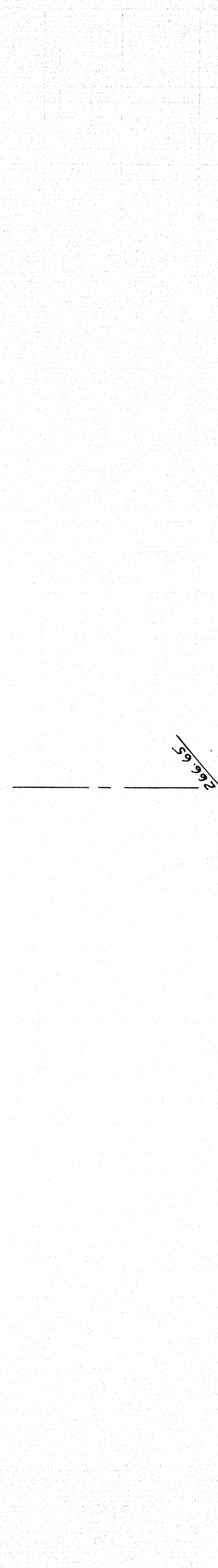
2052+0



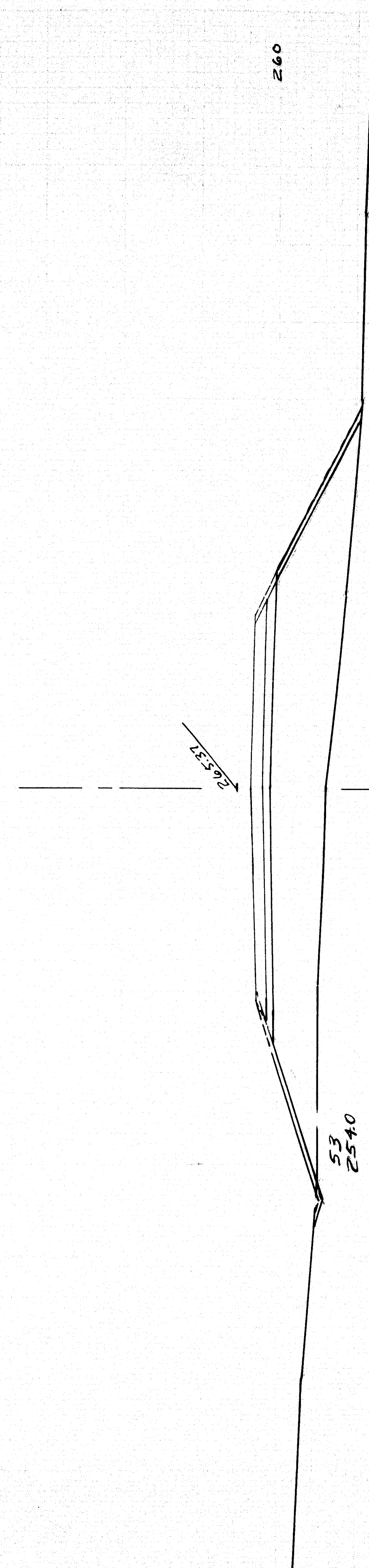
2052+50



2053+50



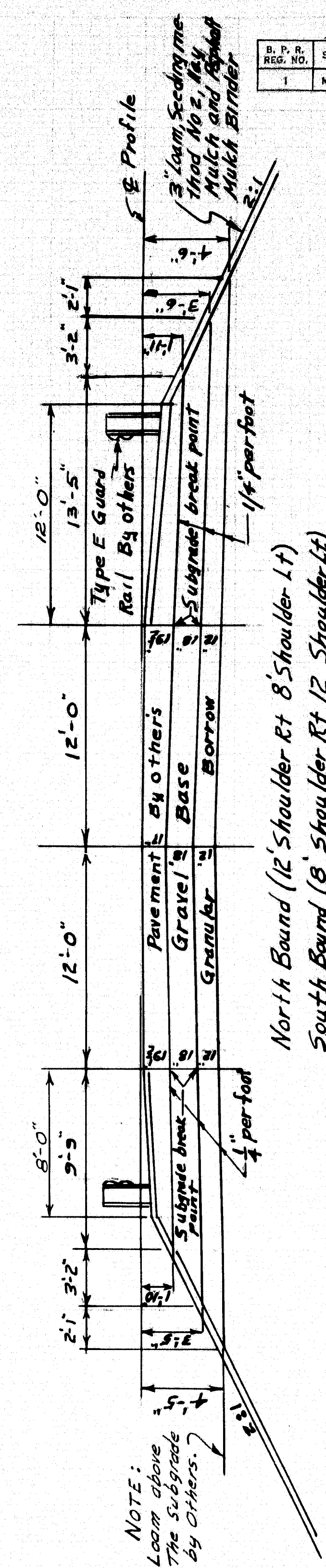
2054+0



RIGHT

LEFT

O SECTION @ 2056+0
SOUTH BOUND



NOTE:
Lawn above
the subgrade
by others.

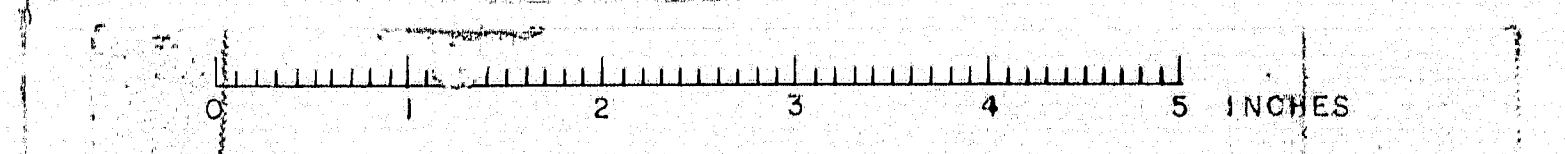
North Bound (12' Shoulder Rt 8' Shoulder Lt)
South Bound (8' Shoulder Rt 12' Shoulder Lt)

Note
For grades in ditches
over 2% use Jute Matt.
Weave H. Grades over 5%
Use Sod or Rubble

TYPICAL INTERSTATE ROADWAY SECTION

DESIGN/TRACE CHECK	DETAIL/TRACE CHECK	BRIDGE NO. SURVEY PLOT
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
INTERSTATE 95 OVER WEBB ROAD		
IN THE TOWN OF PITTSFIELD		
SOMERSET COUNTY		
CROSSSECTION 88		
SHEET 6 OF 20 AUGUSTA MAINE April 1963		

37-100



ESTIMATE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	Bridge Quantities
Str. Earth Excav. Abutments and Retaining Walls	Cu Yds.	225	225
Str. Rock Excav. Abutments and Retaining Walls	Cu Yds.	100	100
Structural Rock Excavation - Piers	Cu Yds.	150	150
Common Borrow	Cu Yds.	11,700	
Granular Borrow	Cu Yds.	1,350	
Gravel Borrow - In Place Measurement	Cu Yds.	3,600	
Gravel Base Course - In Place Measurement	Cu Yds.	1,800	
Bit. Conc. Surface Course, Type "A"	Tons	132	132
Portland Cem. Conc., Abutments & Retaining Walls	Cu Yds.	740	740
Portland Cement Concrete, Piers	Cu Yds.	215	215
Portland Cem. Conc. Roadway and Sidewalk Slabs on Steel Bridges	Cu Yds.	318	318
Portland Cement	Bbls.	1,910	1,910
Structural Steel, Fabricated and Delivered	L. S.	Lump Sum	Lump Sum
Structural Steel, Erection	L. S.	Lump Sum	Lump Sum
Structural Steel, Field Painting	L. S.	Lump Sum	Lump Sum
Reinforcing Steel, Delivered	Lbs.	165,300	165,300
Reinforcing Steel, Placing	Lbs.	165,300	165,300
Aluminum Koil Alternate "A"	Lin. Ft.	690	690
Membrane Waterproofing	Sq. Yds.	1,240	1,240
Epoxy Resin Surface Sealant	Sq. Yds.	275	275
Slope Paving	Sq. Yds.	855	
Granite Bridge Curb	Lin. Ft.	712	712
Loam Borrow	Cu Yds.	285	
Seeding - Method No. 2	Units	30.8	
Hay Mulch	Tons	1.5	
Asphalt Mulch Binder	Gals.	140	
Steel Rail Alternate "B"	Lin. Ft.	690	690

By Others
Estimated Weight of Structural Steel = 226,000 lbs. (including drains)

DESIGN SPECIFICATIONS

American Association of State Highway Officials
Standard Specifications for Highway Bridges, 1961, with Informal Specifications (1961)

CONTRACT SPECIFICATIONS

State of Maine
State Highway Commission, Standard Specifications,
Highway and Bridges, Revision of January 1956
and Supplemental Specifications

LOADING

H20-S16-44 (Modified)

ALLOWABLE STRESSES

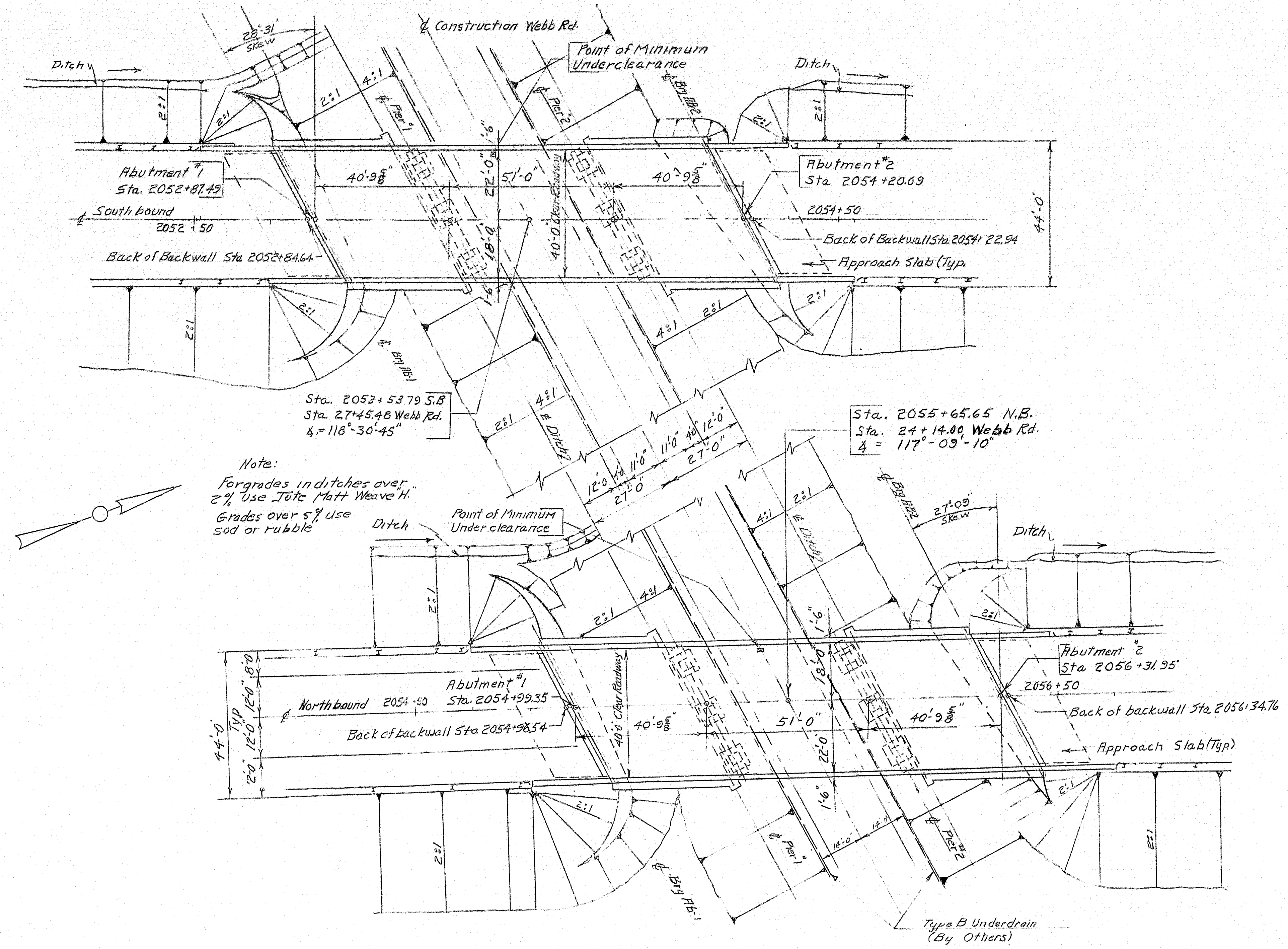
Structural Steel, A.S.T.M. Designation, A36 - $f_s = 20,000$ PSI
Intermediate Grade Reinforcing Steel - $f_s = 20,000$ PSI
Concrete, (7" x 10") - $f_c = 1200$ PSI

CONCRETE CLASSIFICATION

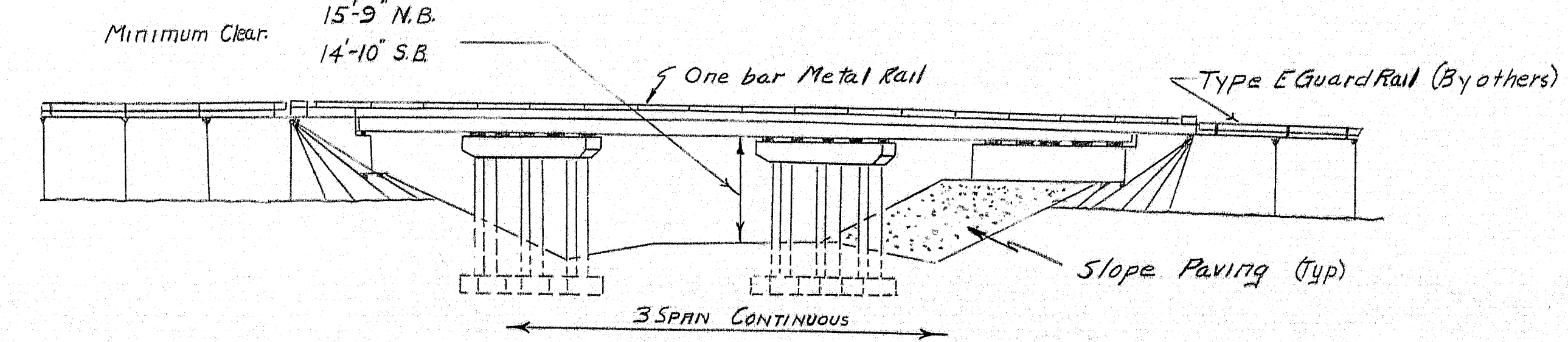
Class A - All Concrete

UTILITIES see S119

ALL utility plant shall be adjusted as necessary by the respective utilities unless noted.

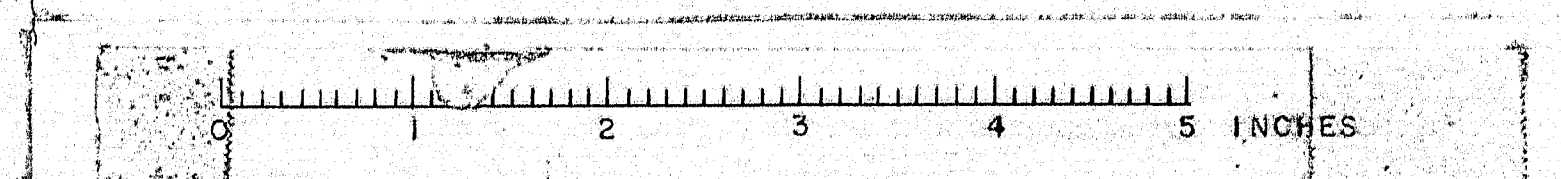


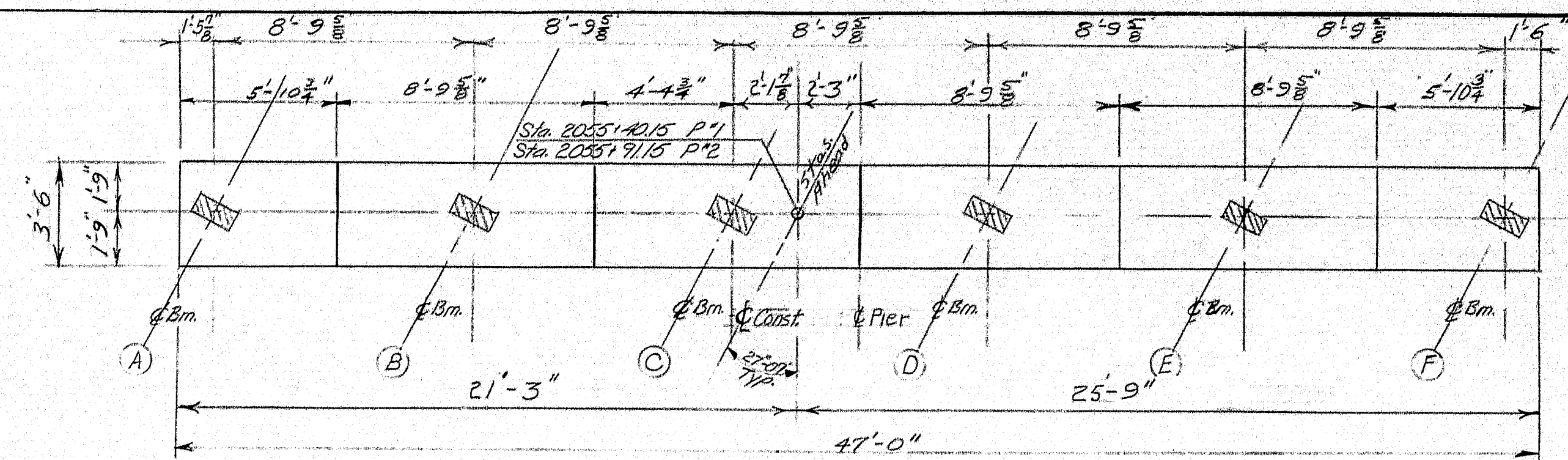
PLAN
Scale 1" = 20'



ELEVATION
Scale 1" = 20'

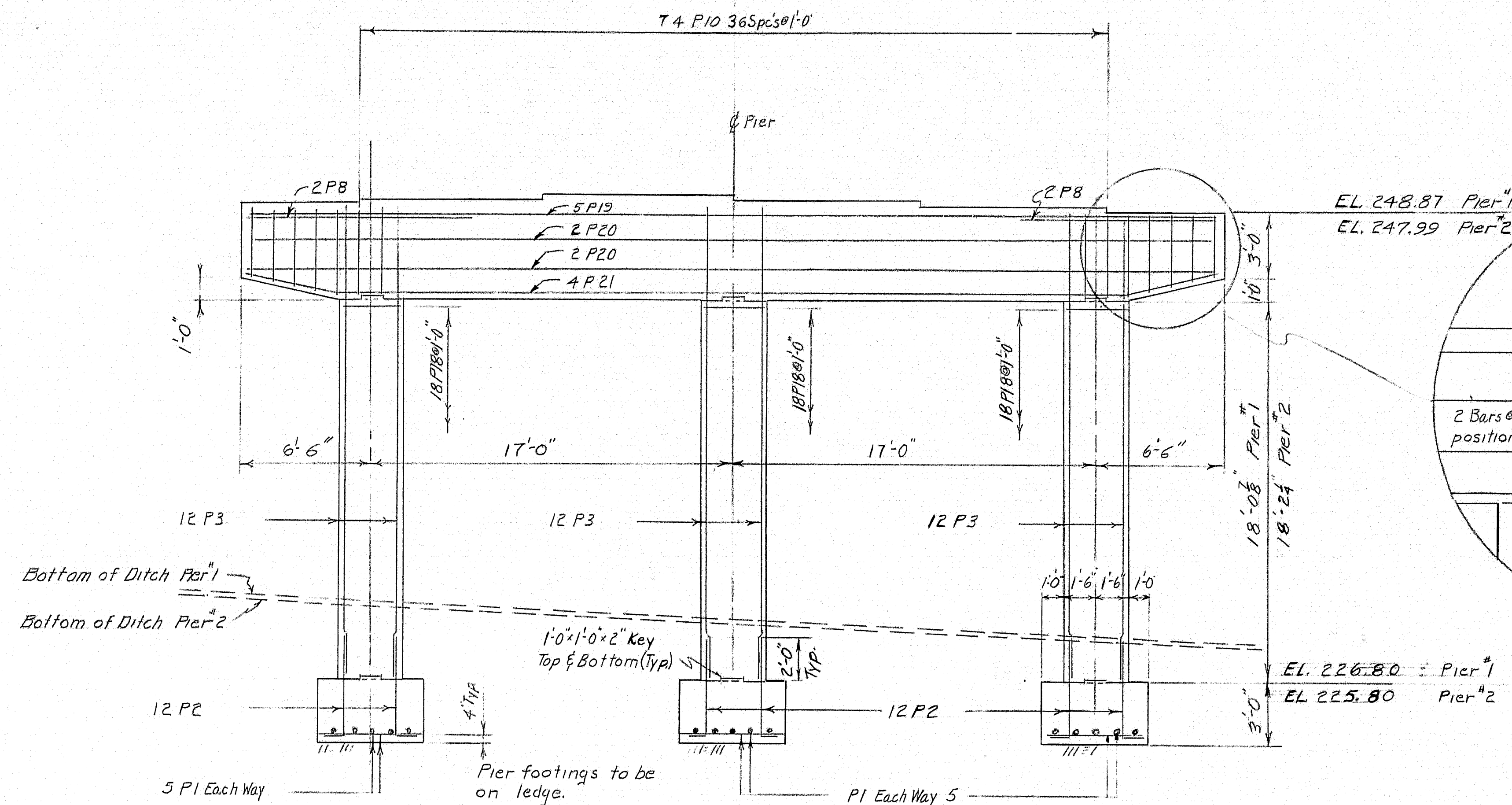
DESIGN - OFFICE	DETAIL - IVM	BRIDGE NO.
TRACE - E.A.S.	SURVEY -	PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
INTERSTATE 95 OVER WEBB ROAD		
IN THE TOWN OF PITTSFIELD		
SOMERSET COUNTY		
GENERAL PLAN		
SHEET 7 OF 20 AUGUSTA, MAINE. April 1963		





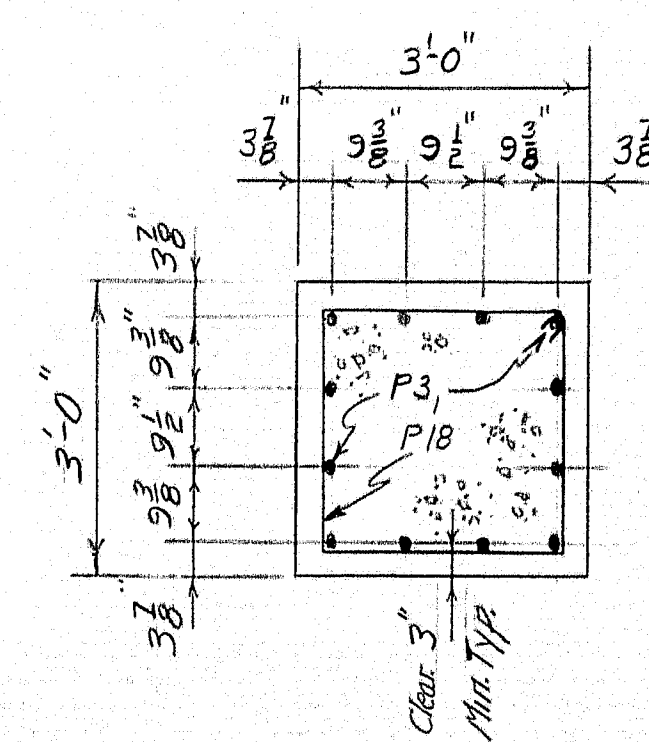
CAP PLAN PIER 1&2

BEARING ELEVATIONS						
Beam	A	B	C	D	E	F
P-1	249.33	249.39	249.44	249.50	249.08	248.87
P-2	248.47	248.52	248.58	248.63	248.67	247.99

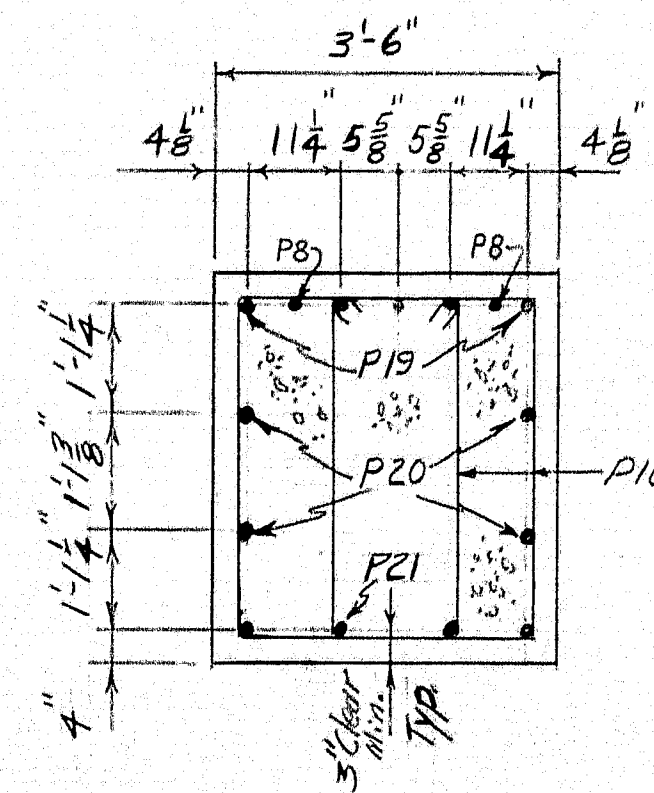


SIDE ELEVATION ~ NORTHBOUND

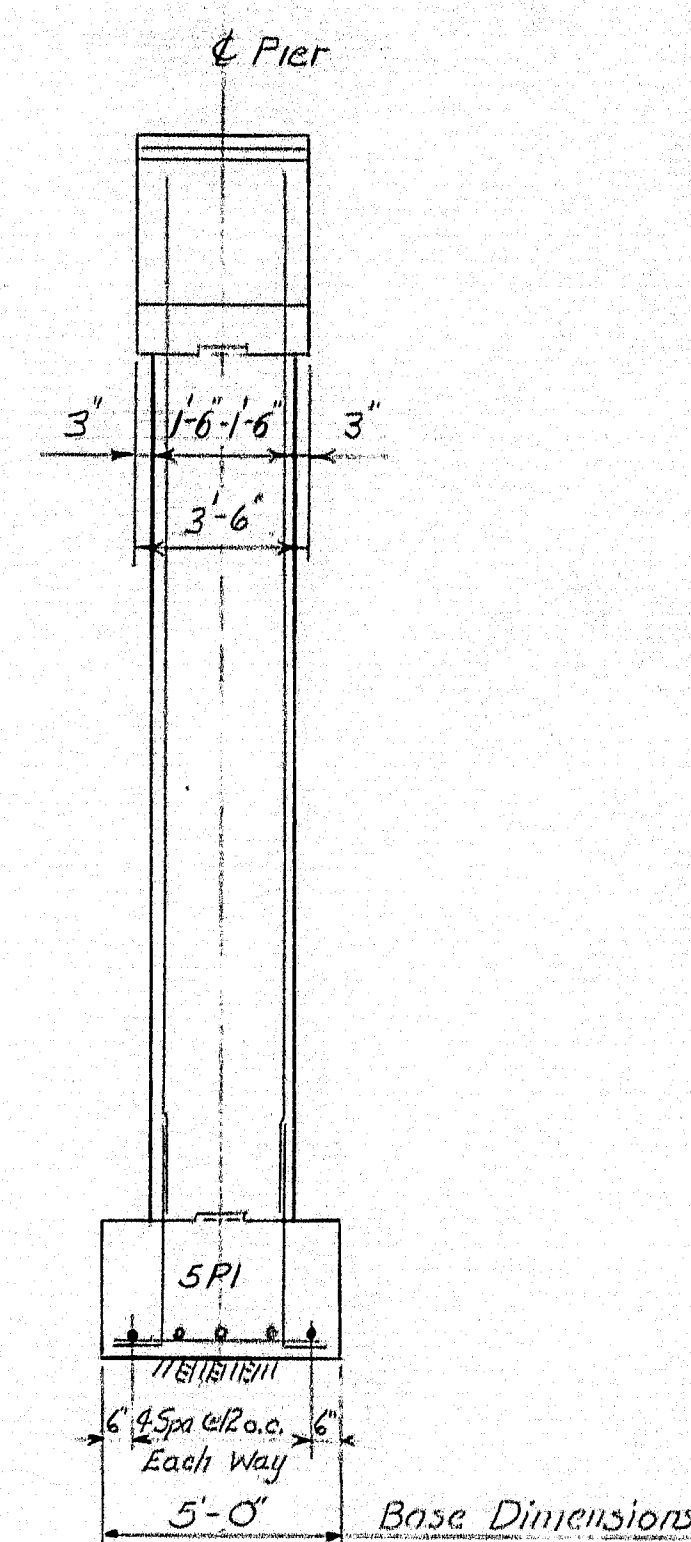
For NOTES see SH #11



COLUMN SECTION

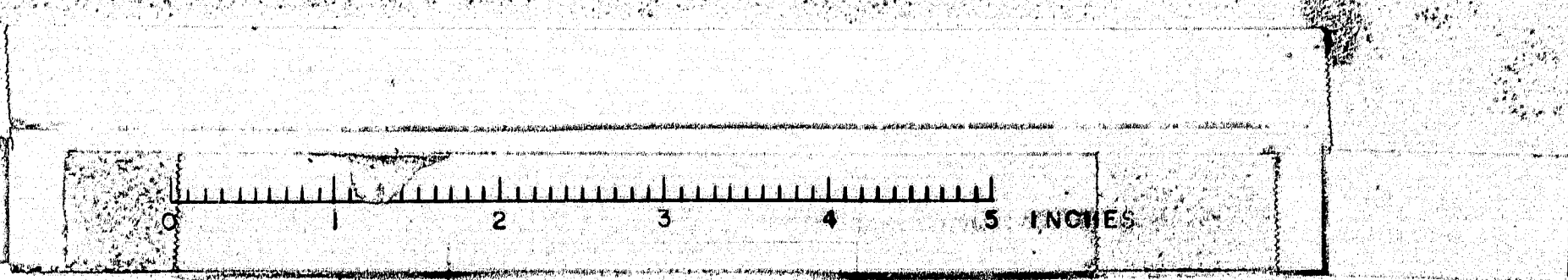


CAP SECTION
Between Columns

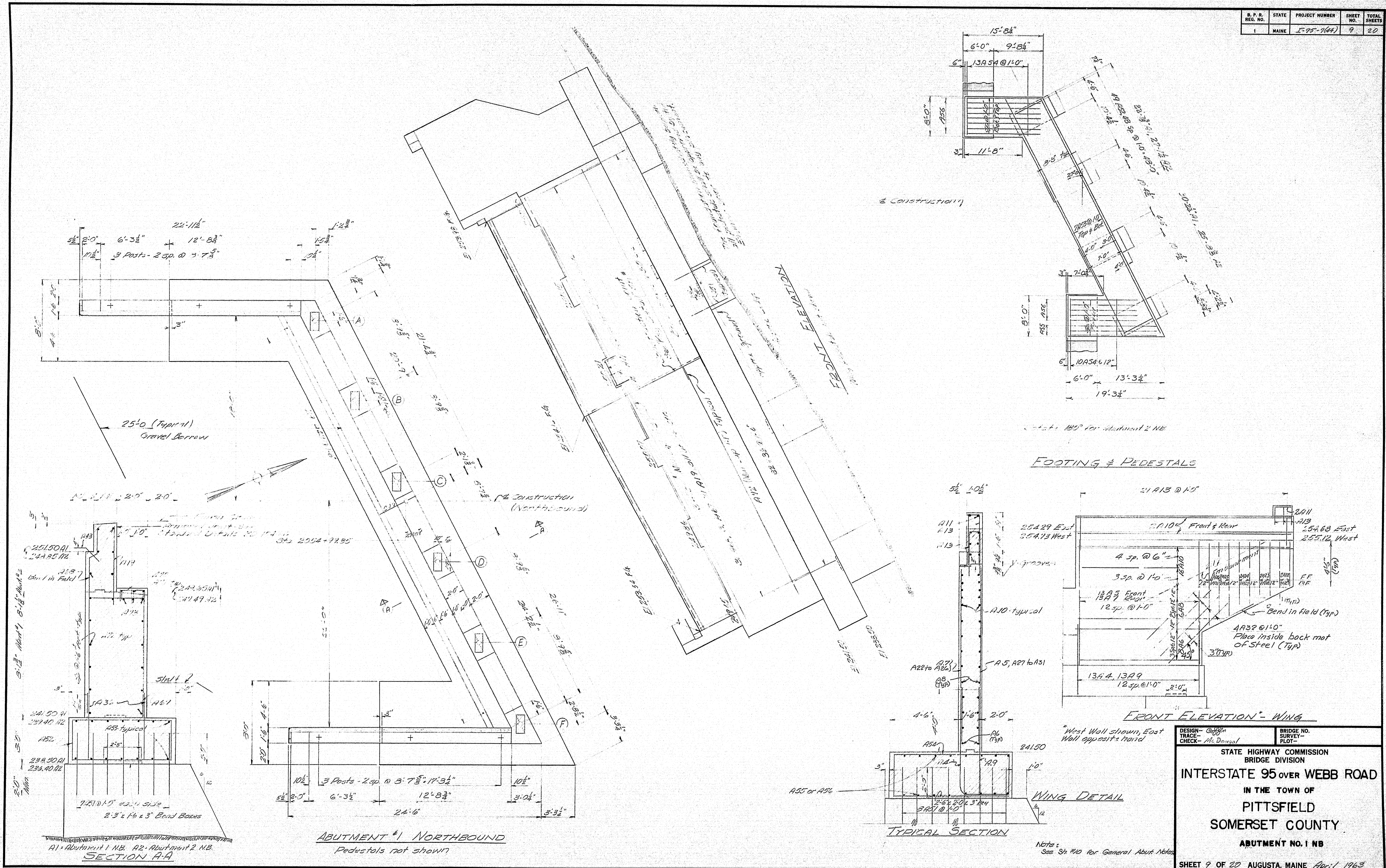


END ELEVATION

DESIGN OFFICE: DETAIL IVH
 CHECKED: BAS
 BRIDGE NO.:
 SURVEY PLOT
 STATE HIGHWAY COMMISSION
 BRIDGE DIVISION
 INTERSTATE 95 OVER WEBB ROAD
 IN THE TOWN OF
 PITTSFIELD
 SOMERSET COUNTY
 PIERS NB
 SHEET 5 OF 20 AUGUSTA MAINE April 1963



B. P. R.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-75-144	9	20

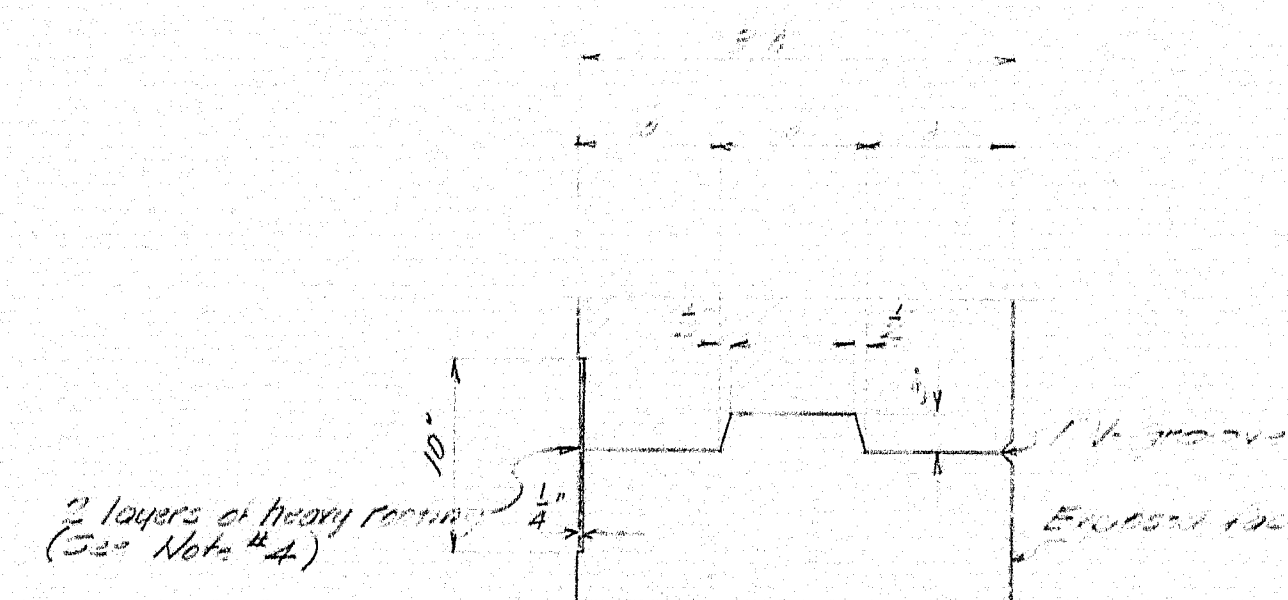
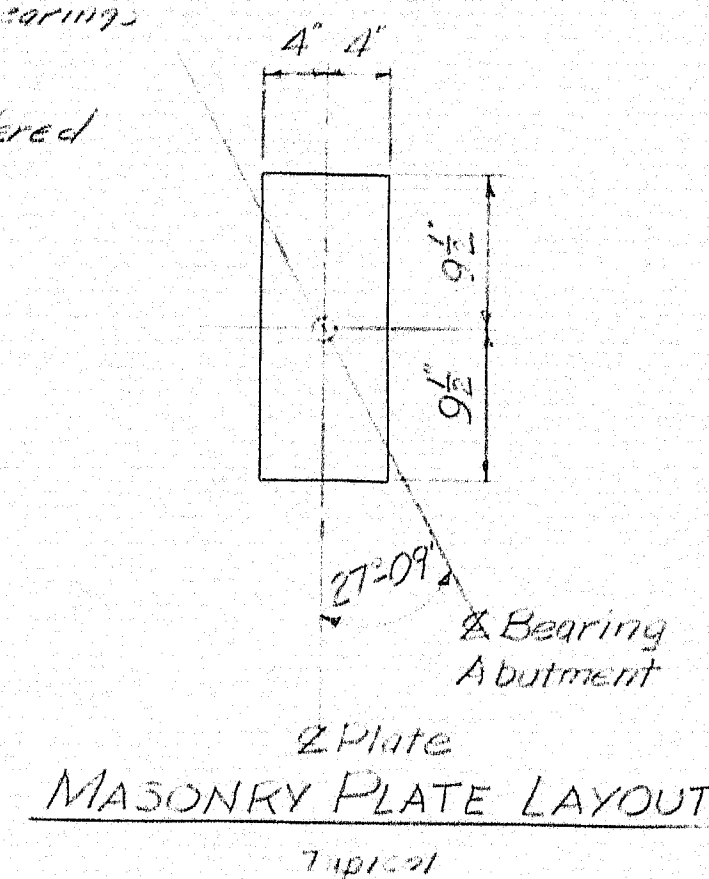


87-109

S. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(4)	10	20

GENERAL ABUTMENT NOTES

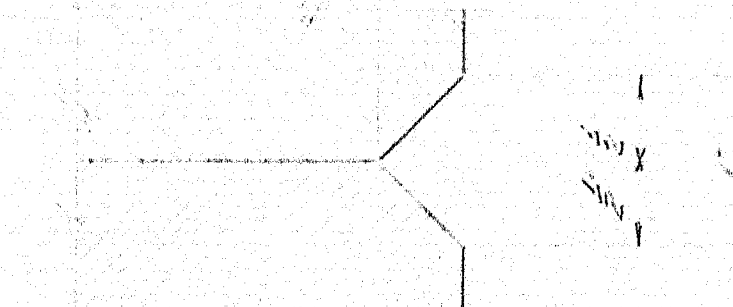
- In the absence of any existing ledge, make sure that the ledge is in position at the bottom of the abutment. The ledge may be omitted and the footing extended to ledge, subject to approval by the Engineer.
- Place reinforcing steel in bridge deck as shown on plan.
- Use steel bearing plate 1/2" thick at least that size as necessary plates.
- Cover horizontal construction joints & vertical construction joints on the back with 2 layers of heavy masonry (10" thick) over the surface of the concrete and the back side of the wall up to top of the concrete. Outside area of masonry cannot be less than 12" thick.
- Back side of the concrete joint with a vertical groove or bearing groove (Vertical joint only).
- Minimum cover for footing - 3", cover for abutment - (Reinforcing Steel).
- Reinforcing steel edge 3".
- Cast face of bridge deck, bridge seats & face of abutments down to 6" below S.F. with spray Rheo Surfer Sealant.
- Apply gray caulking compound to ground masonry plate where concrete has been forced for wearings (Incidental to contract items).
- Ledge may be stepped if considered feasible by the Engineer.



VERTICAL CONSTRUCTION JOINT DETAIL

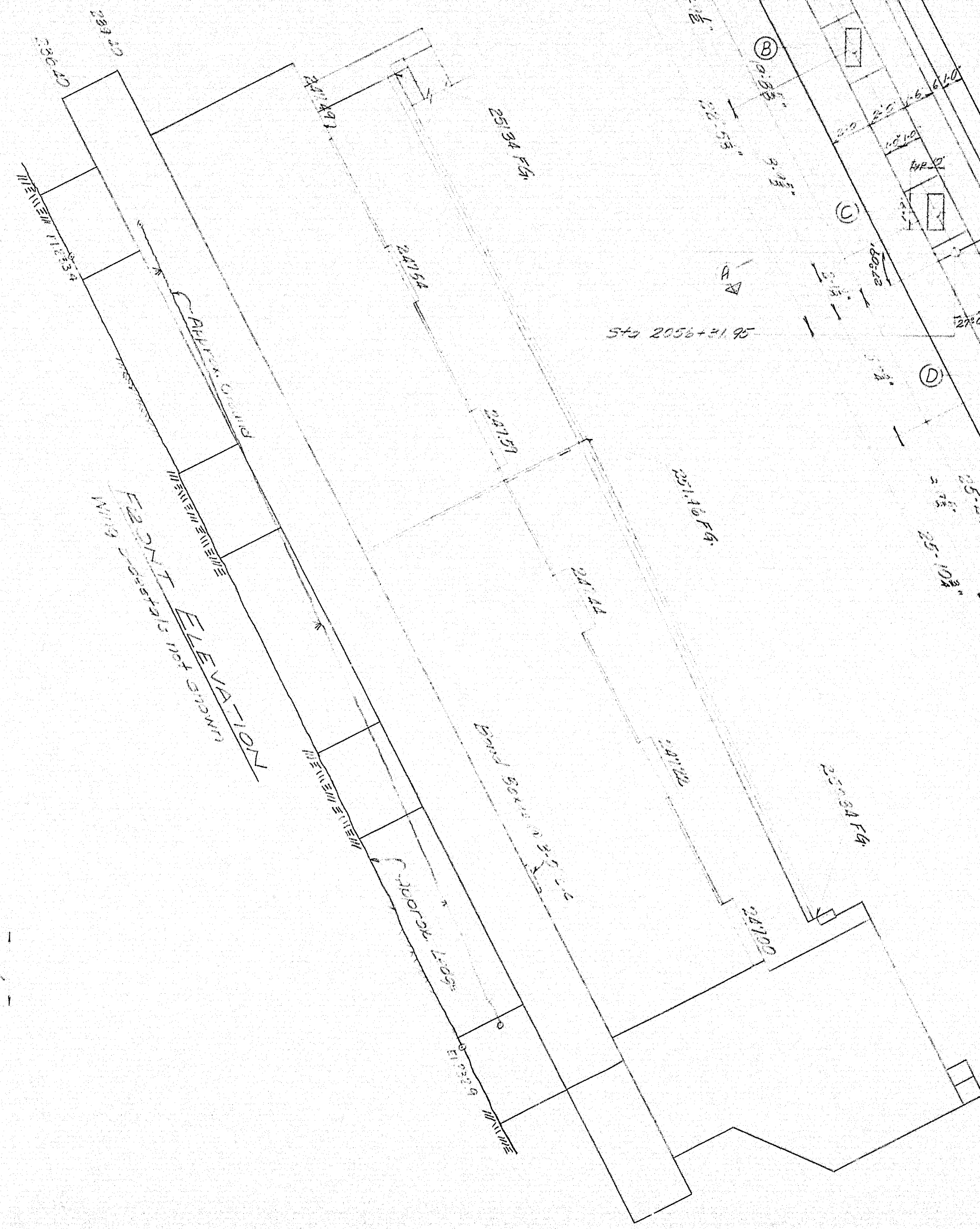
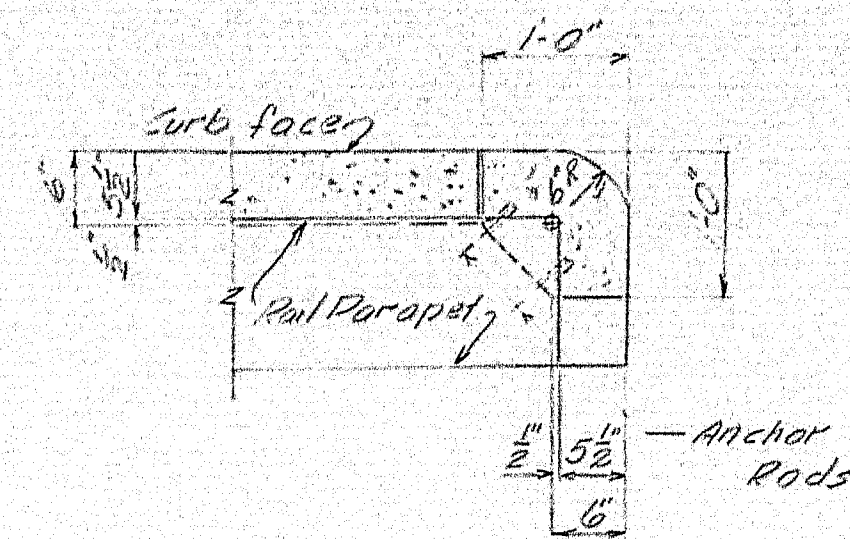
*The horizontal construction joint is similar but has to be sealed key ways.

V-GROOVE DETAIL



END OF GRANITE CURB

Work with 34, 19



FRONT ELEVATION - WING

East Wall shown, West Wall opposite hand

Note: Reinforcing steel same as Abutment #1 Northbound, except as noted.
See also #9 for footing & pedestal layout.

25'-0" (typical)
Gravel Borrow

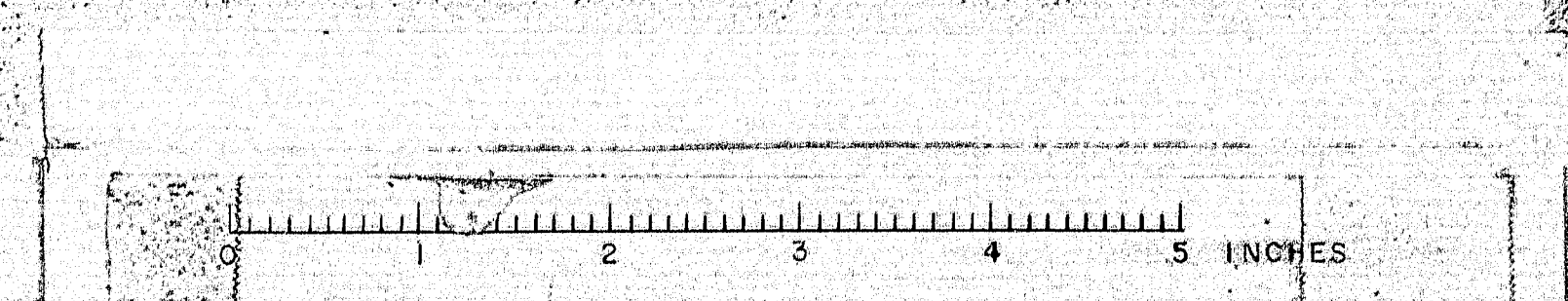
ABUTMENT #2 - NORTHBOUND

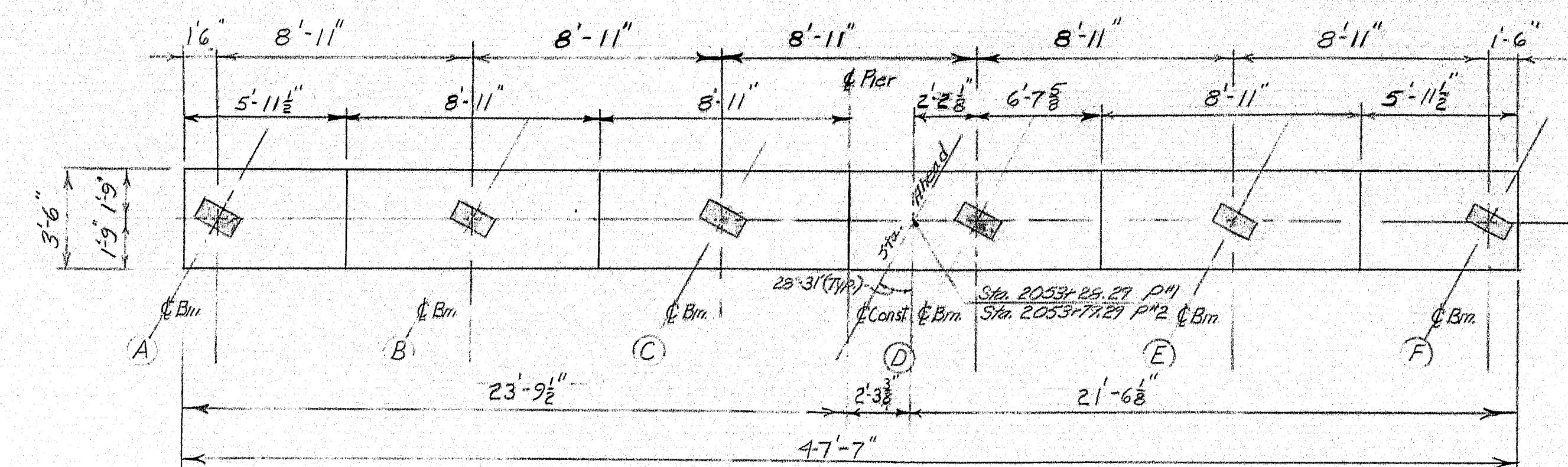
(Details not shown)

DESIGN - <i>Chaffin</i>	BRIDGE NO.
CHECK - McDougal	SURVEY -
	PLAN -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
INTERSTATE 95 OVER WEBB ROAD	
IN THE TOWN OF PITTSFIELD	
SOMERSET COUNTY	
ABUTMENT NO. 2 NB	

SHEET 10 OF 20 AUGUSTA, MAINE April 1963

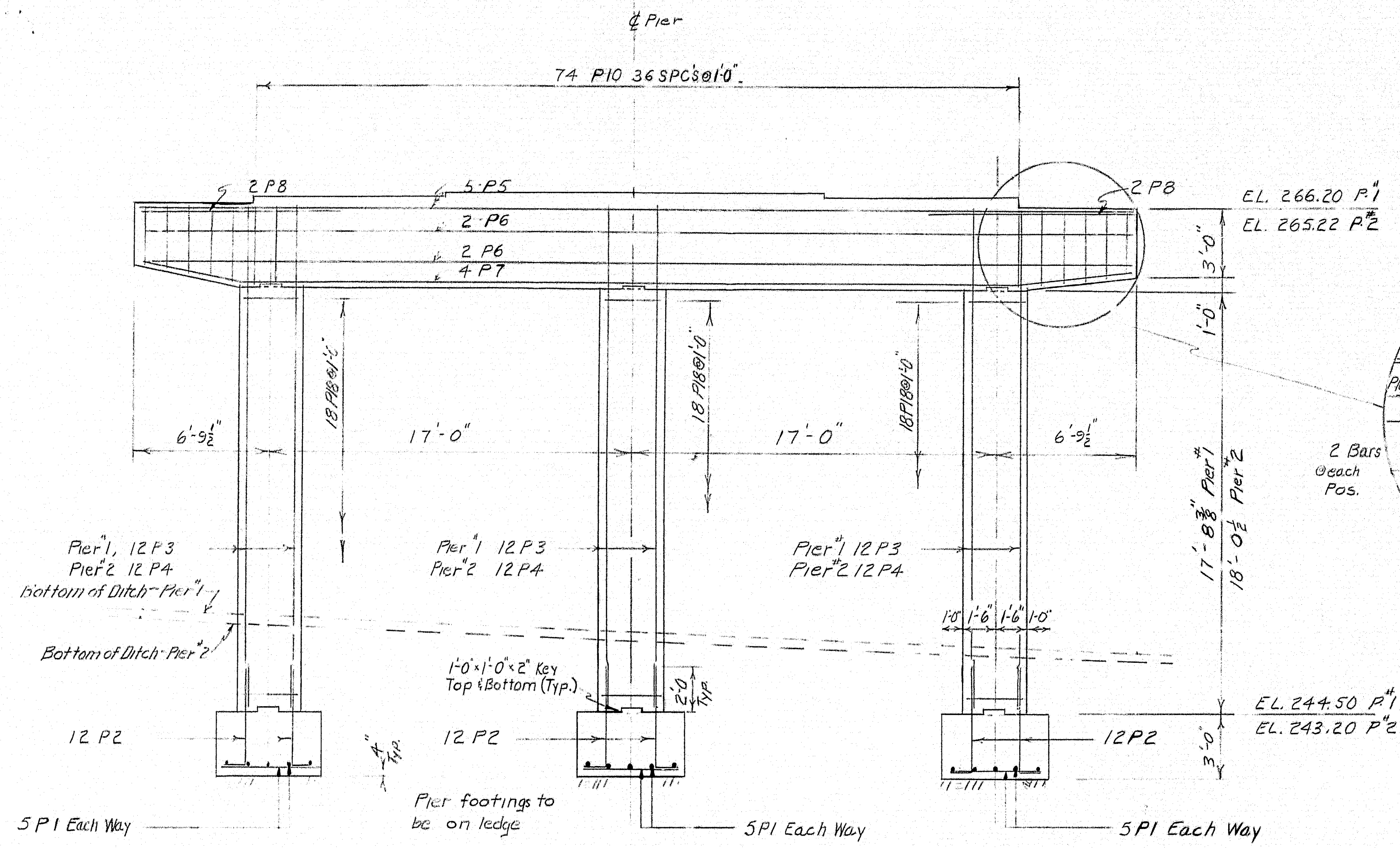
87-110



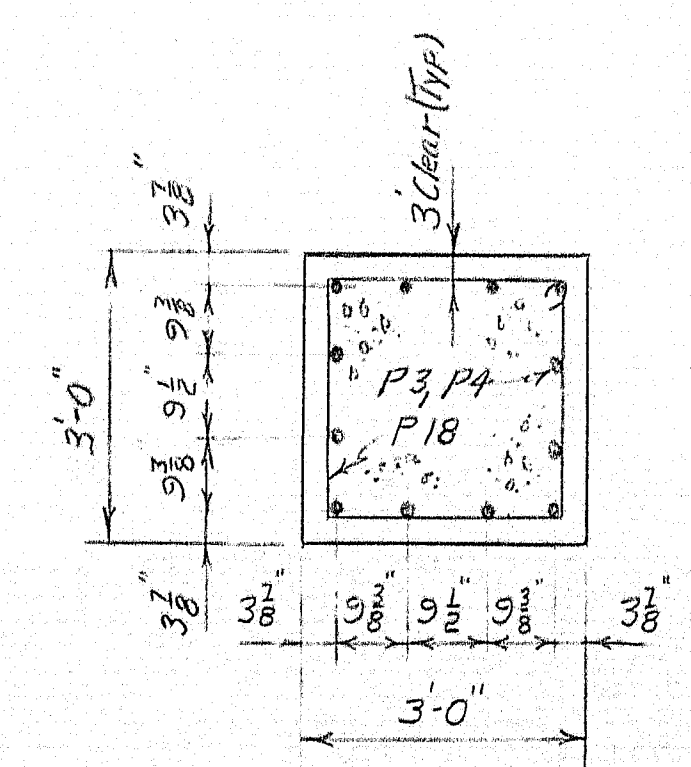


CAP PLAN PIER 1 1/2

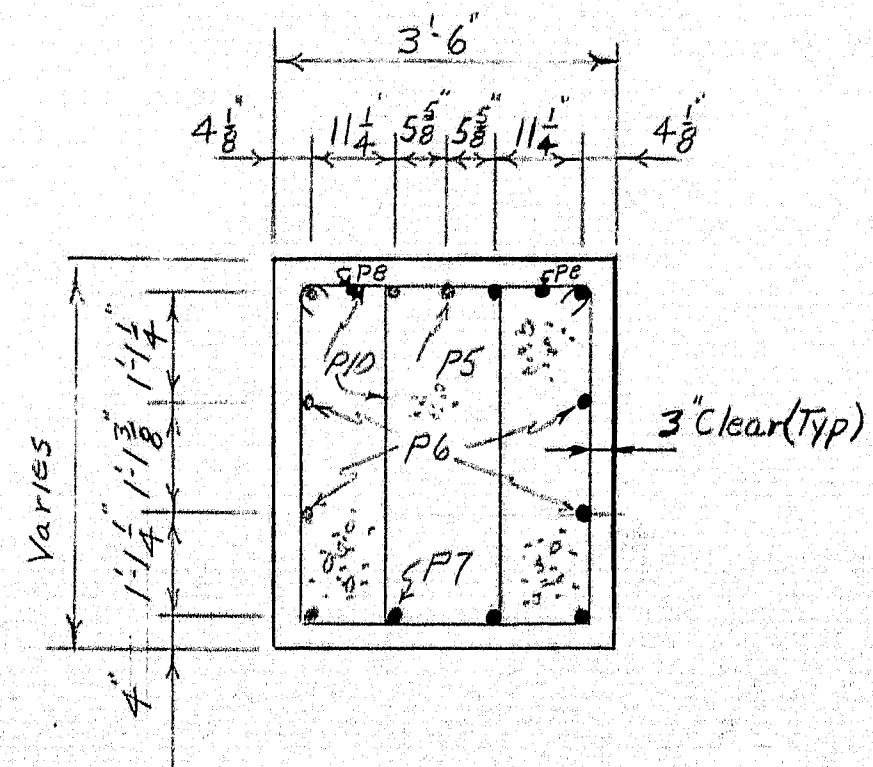
Beam	A	B	C	D	E	F
Pier 1	266.58	266.62	266.67	266.65	266.43	266.20
Pier 2	265.62	265.67	265.71	265.69	265.46	265.22



SIDE ELEVATION SOUTHBOUND



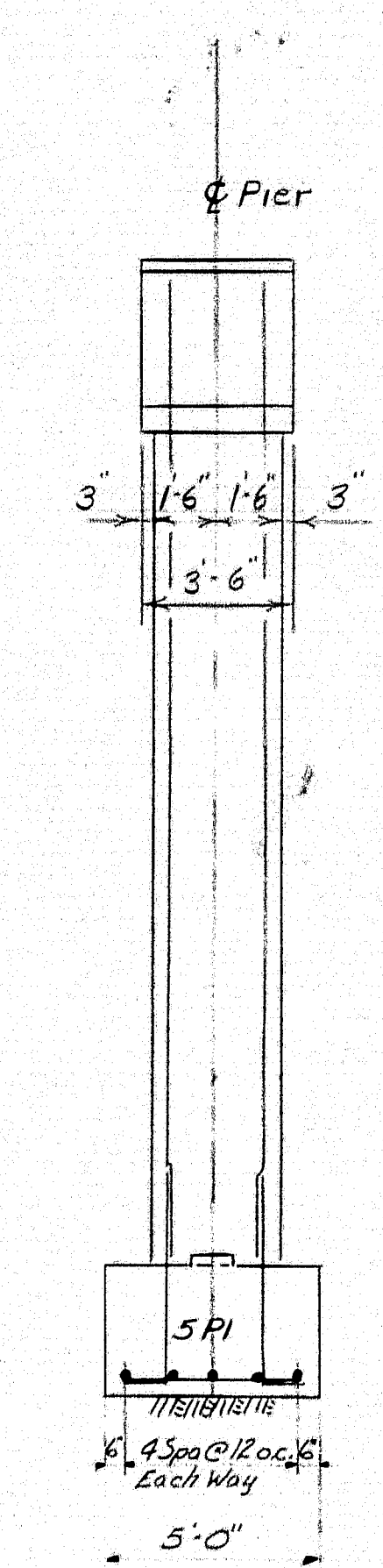
COLUMN SECTION



CAP SECTION
Between Columns

~NOTES~

1. Place reinforcing steel under bearings to clear Anchor Bolts.
2. Chamfer all exposed edges of concrete 1/2 inch.
3. P = Pier
4. Dress shaded bearing elevations shown to exact elevation shown and 1" larger all around masonry plate.

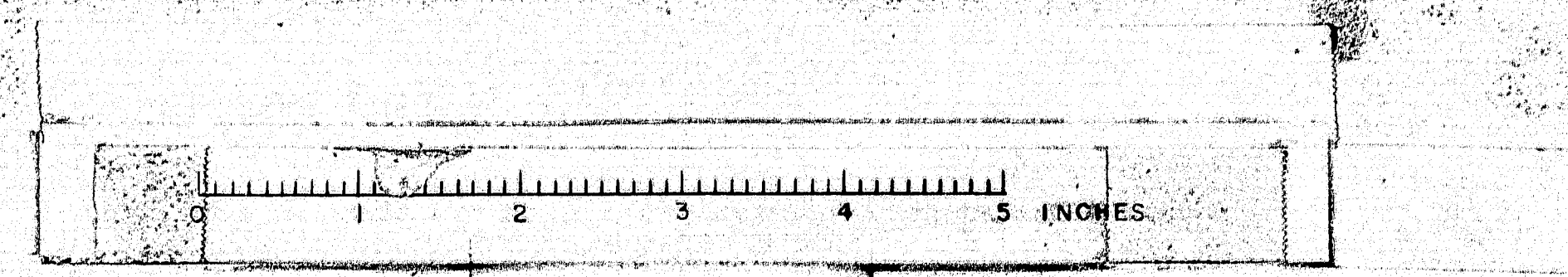


END ELEVATION

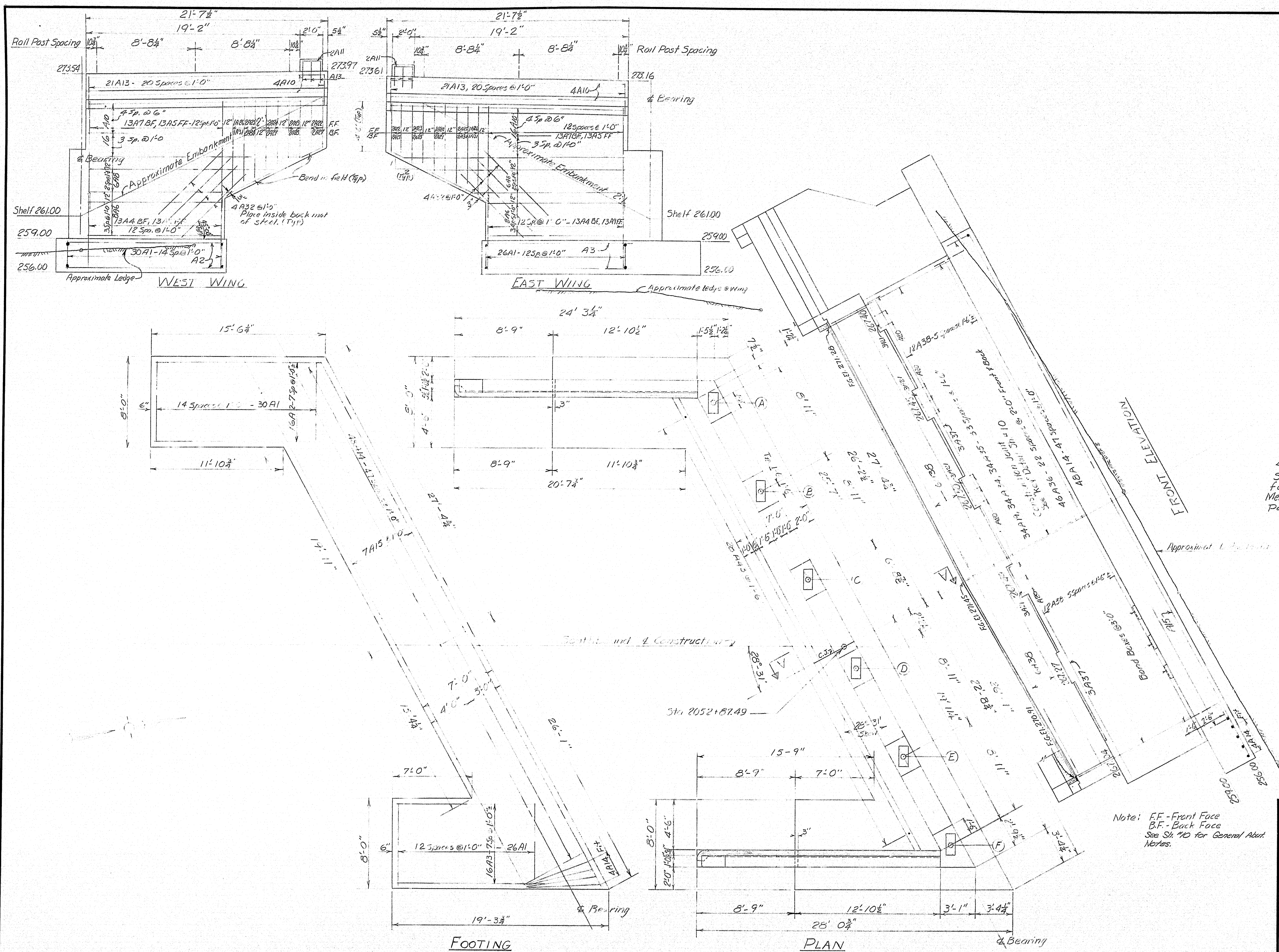
NOTES:

1. At the Contractor's option, instead of forming the footings he may extend the concrete to the excavated ledge surface. Any additional concrete and cement required to do this will not be measured for payment.
2. No payment will be made for excavation, concrete or cement more than 6" below the elevations of the bottom of the footings as shown on the plans or designated by the Engineer.
3. Each pier footing shall be drained into one of the underdrains to be constructed along Webb Road as a part of the Grading Project No. I-95-7(35). Payment for the necessary ledge excavation will be made under Item 204-15 Structural Rock Excavation, Piers. The contractor shall cooperate with the contractor for Project No. I-95-7(35) in the construction of this underdrain. The contractor for Webb Road Bridge shall make any repairs or replacements required to the underdrain made necessary by his operations.

DESIGN	DETAIL	IVM	BRIDGE NO.
CHECK	PAS	SURVEY	
STATE HIGHWAY COMMISSION BRIDGE DIVISION			
INTERSTATE 95 OVER WEBB ROAD			
IN THE TOWN OF PITTSFIELD			
SOMERSET COUNTY			
PIERS 88			
SHEET 11 OF 20 AUGUSTA MAINE April 1962			



B.P.R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(4)	12	20



Epoxy Resin - See Note Sheet #10
 See Sheet No. 17
 for Details on
 Membrane Waterproofing
 Pavement Reinforcing
 Bituminous Conc.
 F.G. Face of Backfill
 Armored Joint
 See Standard
 Details BD-
 104-62

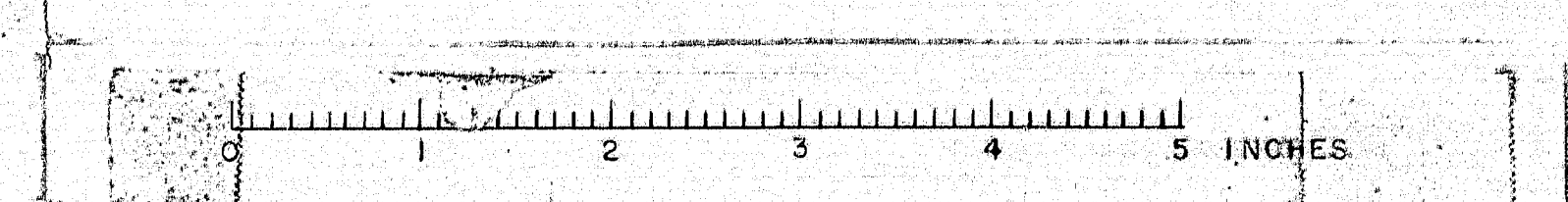
Note: FF - Front Face
 B.F. - Back Face
 See Sh. #10 for General Abut
 Notes.

DESIGN - <i>Off</i>	DET. <i>McBroom</i>	BRIDGE NO.
TRACE - <i>Off</i>		SURVEY -
CHECK - <i>Mr. Brown</i>		PLOT -

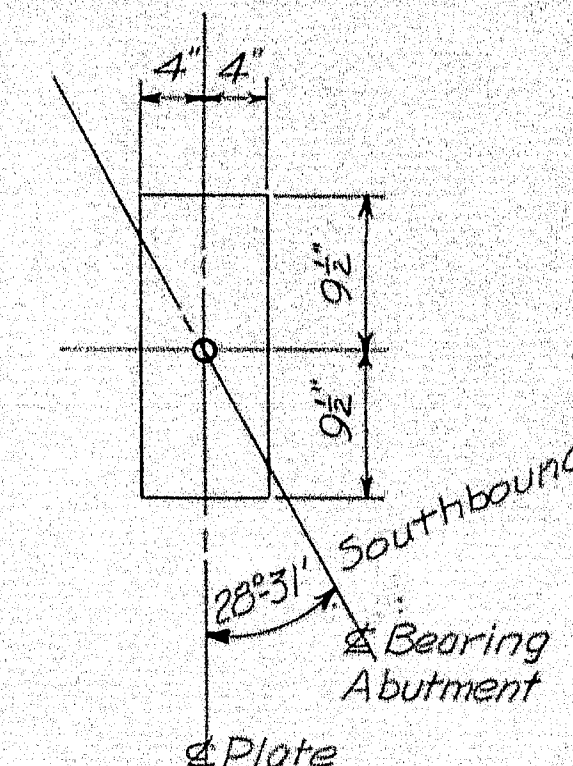
STATE HIGHWAY COMMISSION
 BRIDGE DIVISION
INTERSTATE 95 OVER WEBB ROAD
 IN THE TOWN OF
PITTSFIELD
 SOMERSET COUNTY
 ABUTMENT NO. 1 SB

SHEET 12 OF 20 AUGUSTA, MAINE April 1963

87-112

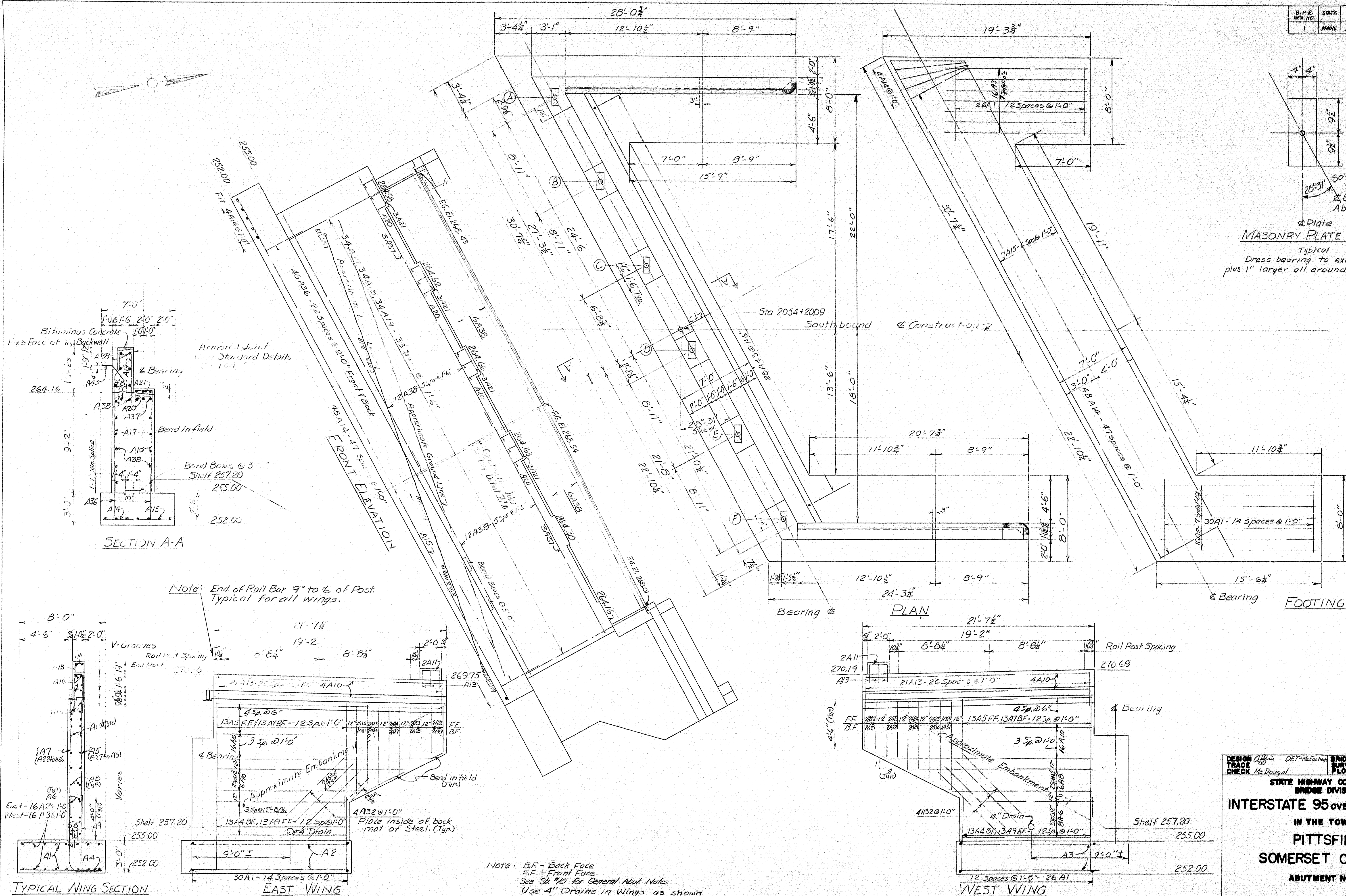


B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(44)	13	20



MASONRY PLATE LAYOUT

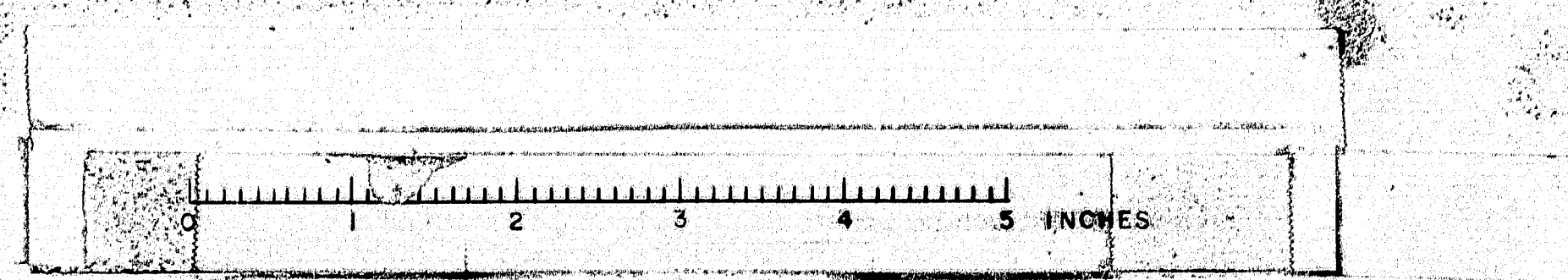
Typical
Dress bearing to exact grade & size
plus 1" larger all around.

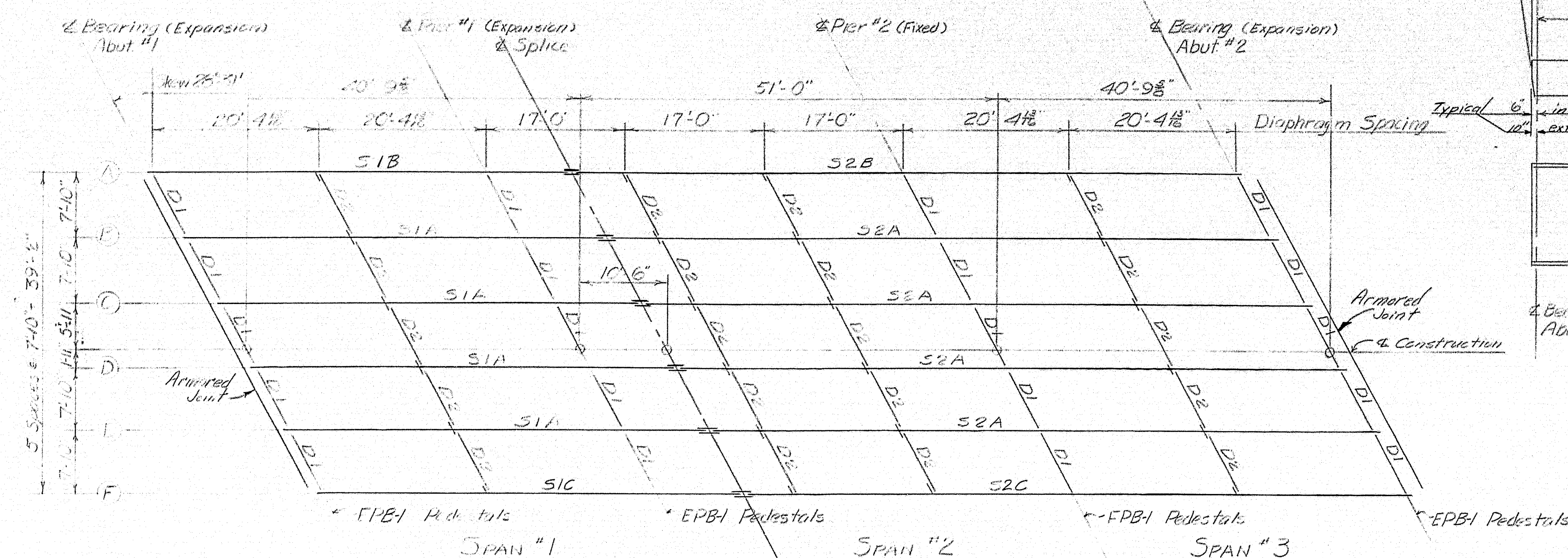


Note: B.F. - Back Face
F.F. - Front Face
See Sh. 10 for General Abut Notes
Use 4" Drains in Wings as shown
when Footing is on ledge

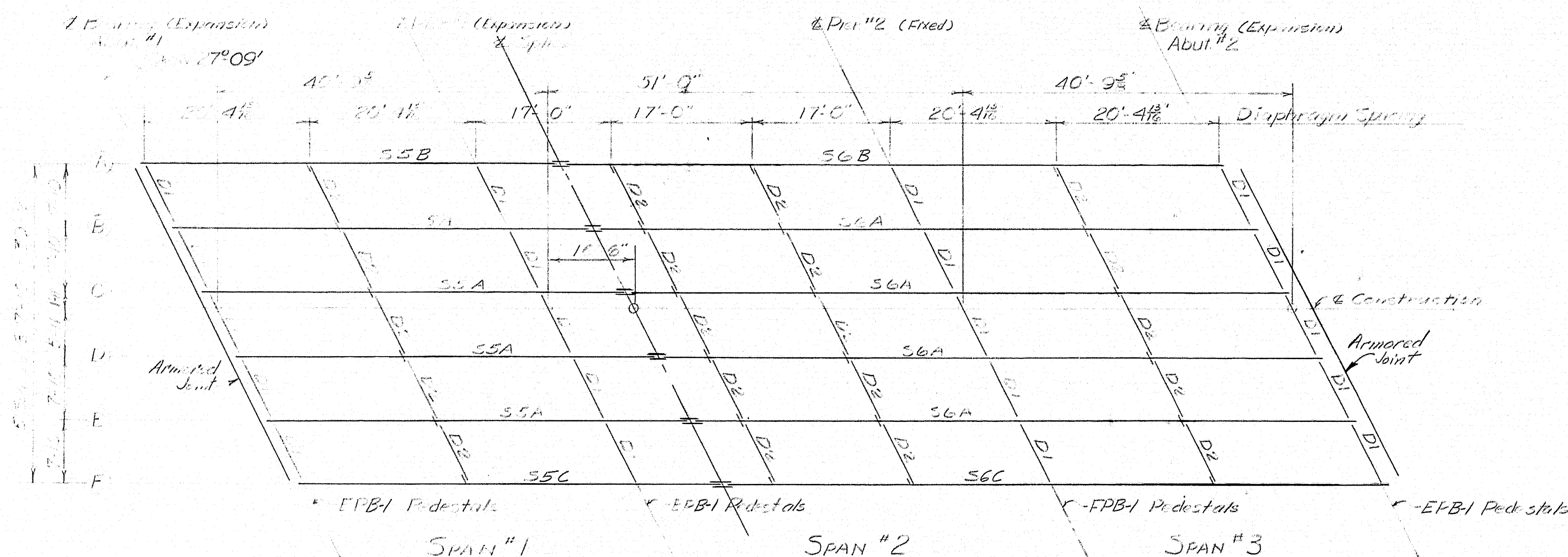
DESIGN CHECK	DET-McLennan Me Donald	BRIDGE NO. SURVEY PLOT
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
INTERSTATE 95 OVER WEBB ROAD		
IN THE TOWN OF PITTSFIELD SOMERSET COUNTY		
ABUTMENT NO. 2 SB		
SHEET 13 OF 20 AUGUSTA MAINE April 1963		

07-113

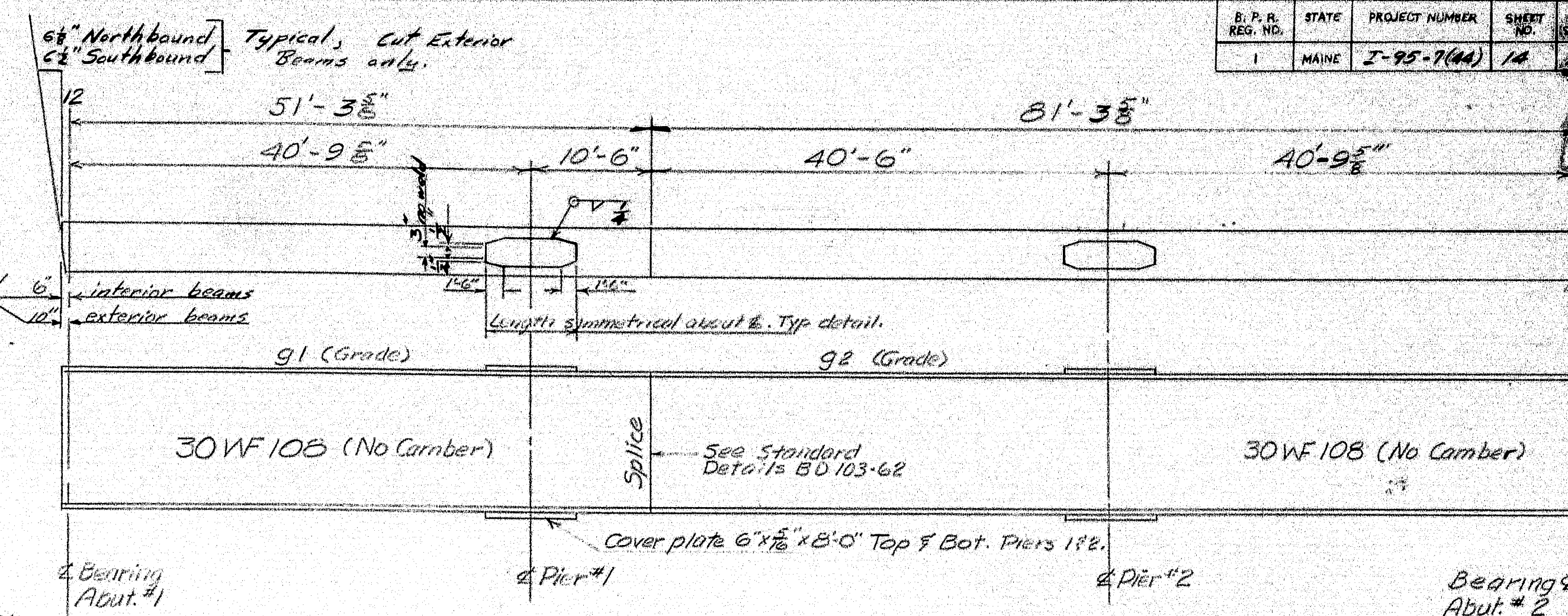




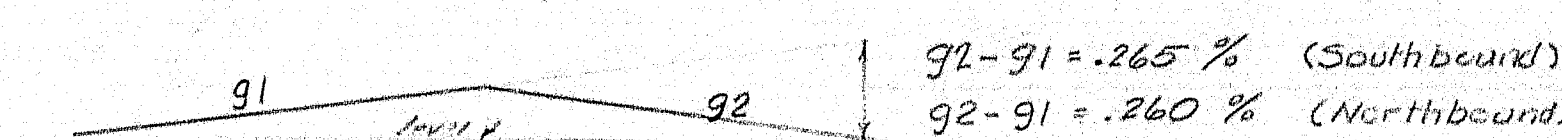
EREC PLAN - SOUTHBOUND



ERECTION PLAN - NORTH BOUND



PLAN & ELEVATION OF CONTINUOUS BEAM



BEAM INTERSECTION AT SPLICE

NOTES

NOTES
All dimensions are horizontal.
No paint where concrete is in contact with steel.

	<u>Southbound</u>	<u>Northbound</u>
<u>Bearns:</u>	51B - 1 Required	55B - 1 Required
	52B - 1 Required	55C - 1 Required
	51A - 4 Required	55A - 4 Required
	52A - 4 Required	56A - 4 Required
	51C - 1 Required	56B - 1 Required
	52C - 1 Required	56C - 1 Required

Bearing Pedestals: 12 FPB required @ Pier #2
36 EPB required @ Abut #1, Pier #1 and Abut #2.
See Standard Details BD101-62

Diaphragms : 40 Diaphragm Type A (Mark D2) required,
40 Diaphragm Type B (Mark U1) required,
See Standard Details BD 104-62

Armored Joint: 4 required, Type A & 4 required, Type B
see Standard Details BD104-CZ

Materials: Stringers, Cover Plates and Splice Plates shall conform to ASTM Designation A-36. Diaphragms shall conform to ASTM Designation A-7 or A-36.

DESIGN *Off* DET-CAM BRIDGE NO.
CHECK E.A.S. FLOT

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

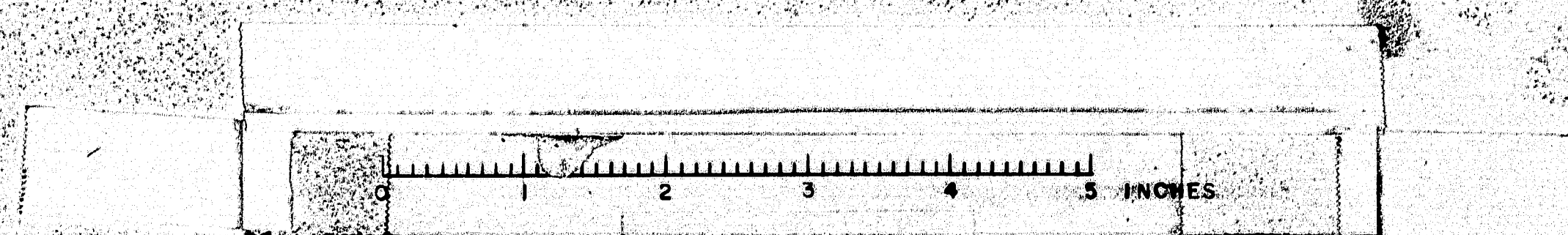
INTERSTATE 95 OVER WEBB ROAD

IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY

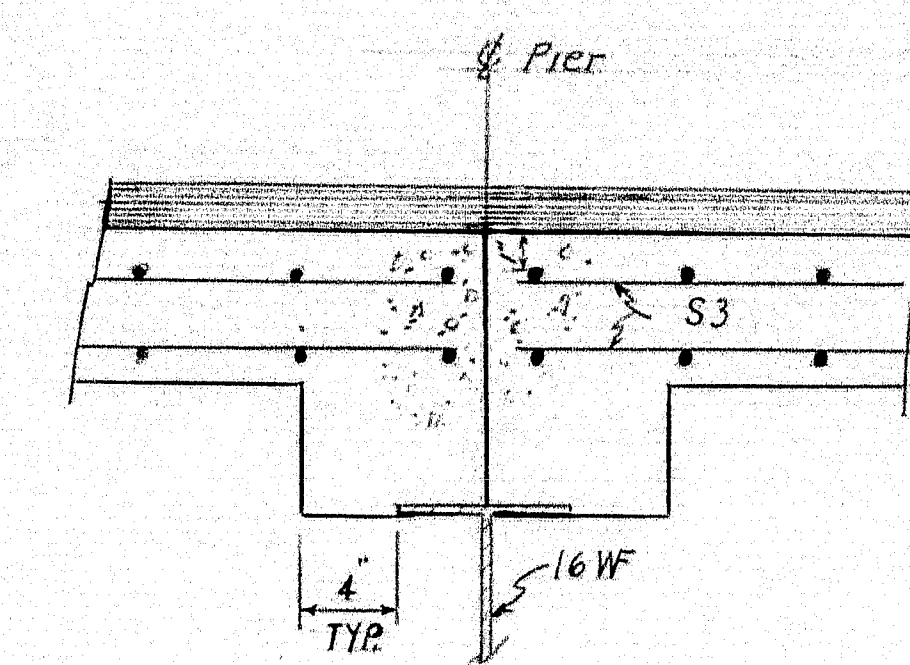
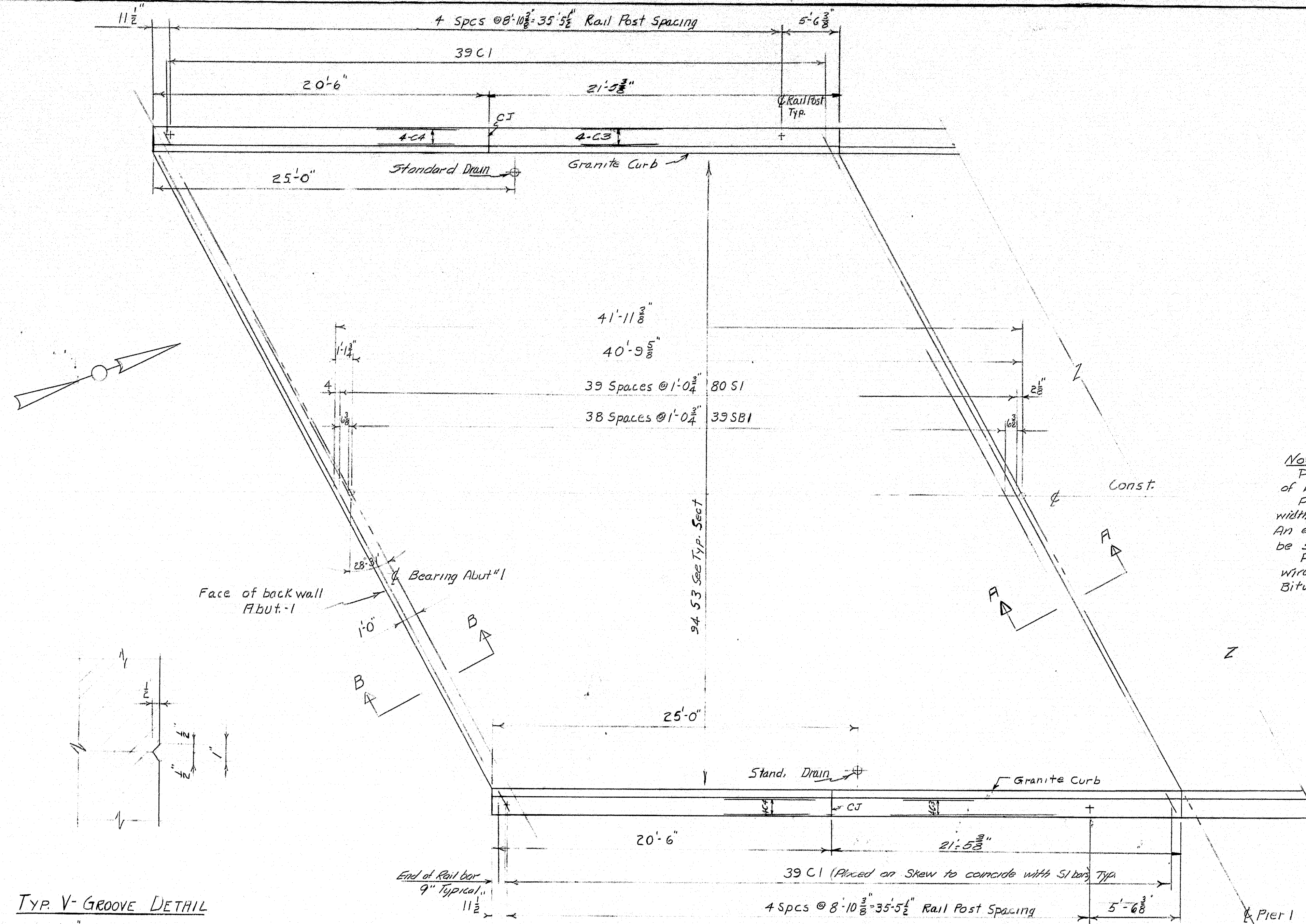
STRUCTURAL STEEL SB & NB

SHEET 14 OF 20 AUGUSTA MAINE April 62

87-114

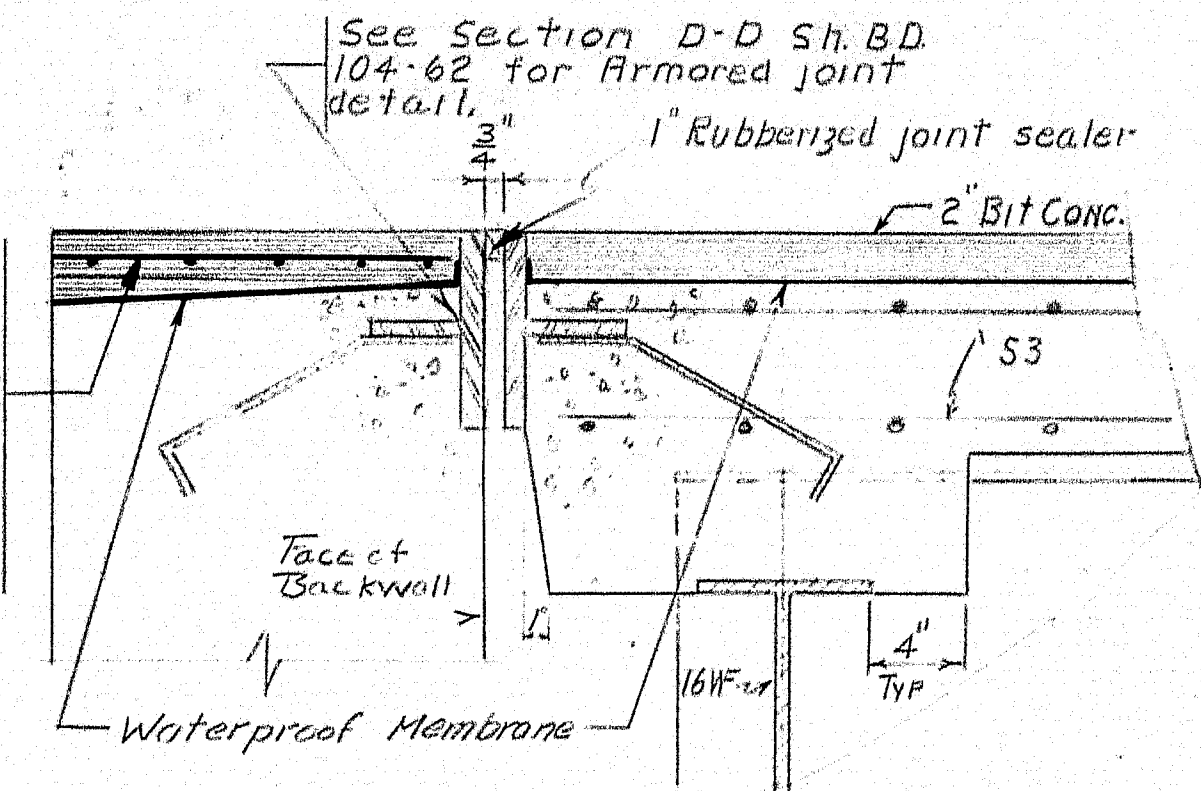


B. P. S. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(44)	17	20



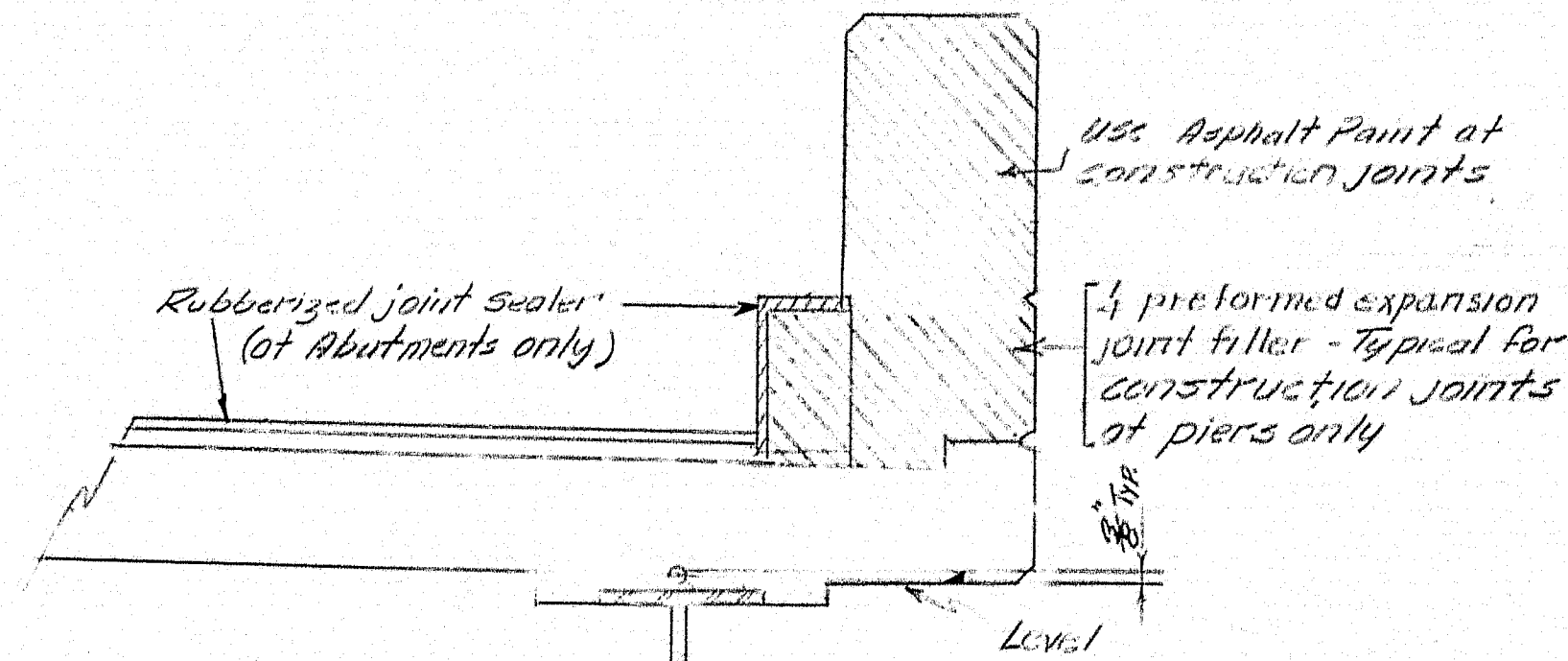
Note: Rubberized Joint Sealer shall be supported on a non-bituminous material. At the contractor's option, the supporting material may be left in place, it shall be compressible in accordance with specification ASDHD. M-153-54. If supporting material is to be removed, bonding with the rubberized joint sealer shall be prevented by a method that is satisfactory with the Engineer. (Layer fine sand, wax paper, etc.)

SECTION A-A



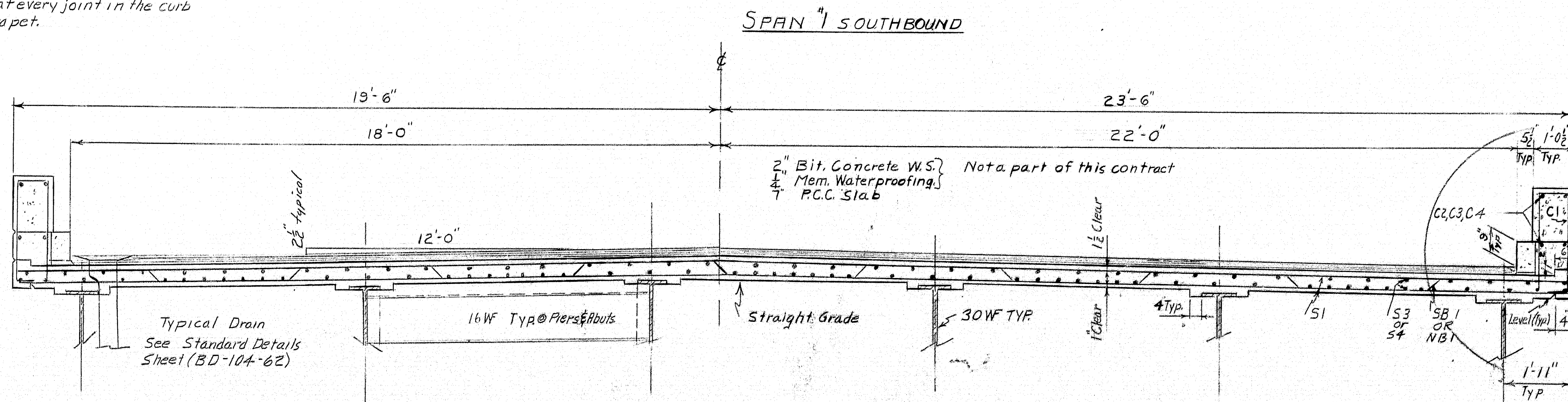
Note: Pavement reinforcing between courses of Bituminous Concrete Surface Course, curb to curb. Pavement reinforcing to be 3'-0" minimum width #4 10 gauge galvanized welded wire mesh. An equivalent satisfactory to the Engineer may be substituted if 44-10/10 is not available. Payment for furnishing and placing of wire mesh shall be considered incidental to Bituminous Concrete Surface Course.

SECTION B-B



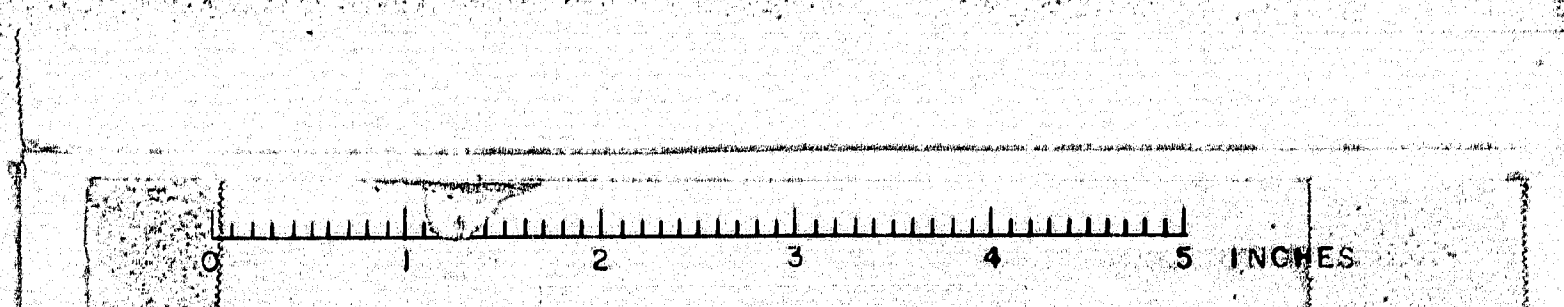
DETAIL A

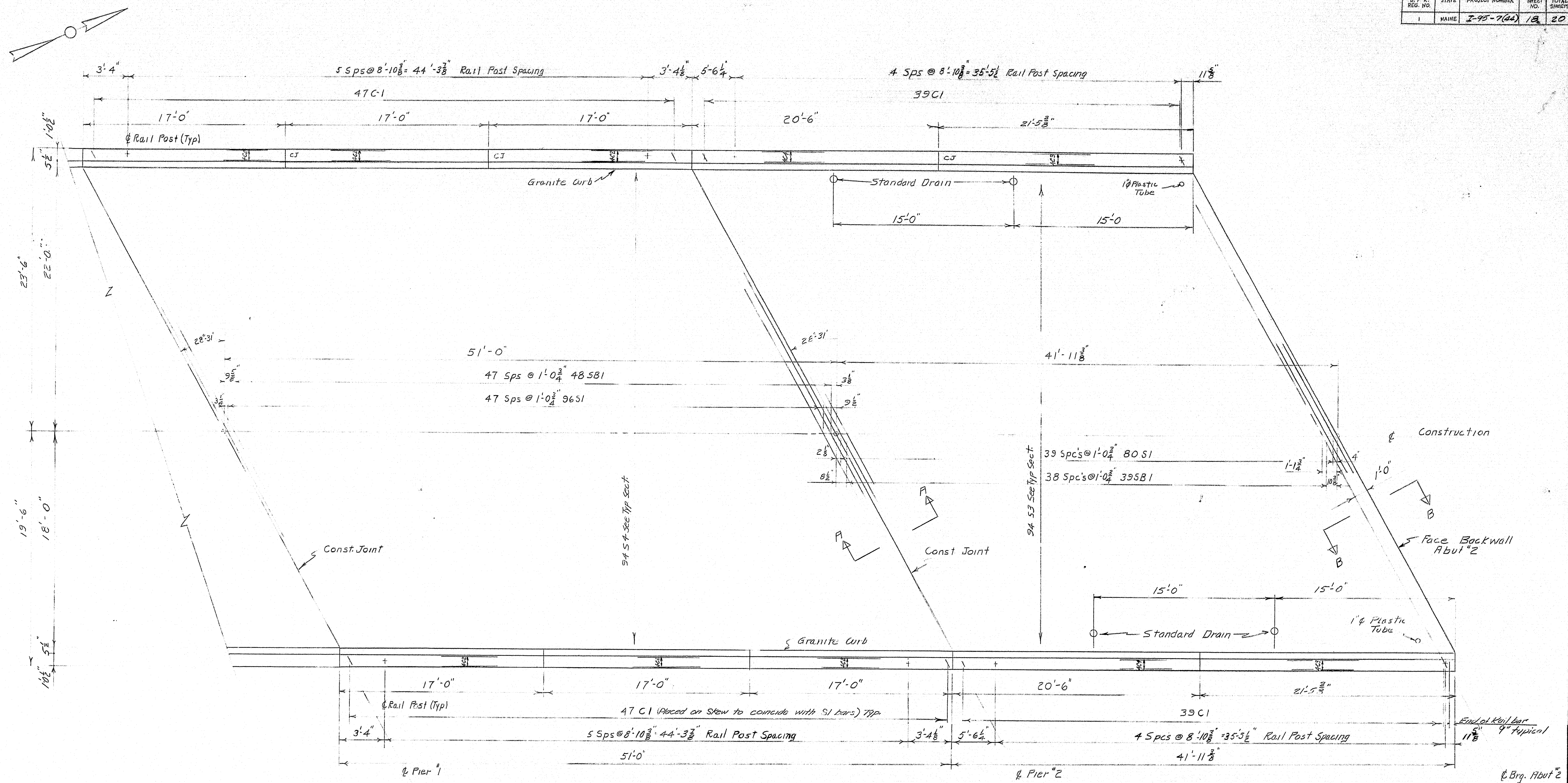
TYP V-GROOVE DETAIL
A vertical 1" V-Groove will be made in the slab at every joint in the curb and rail parapet.



TYPICAL SECTION FOR NORTHBOUND & SOUTHBOUND
Looking in the direction of flow of traffic.

DESIGN CHECK: DETAIL IVP
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
INTERSTATE 95 OVER WEBB ROAD
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY
SUPERSTRUCTURE SB
TYPICAL SECTION SB & NB
SHEET 17 OF 20 AUGUSTA MAINE April 1963





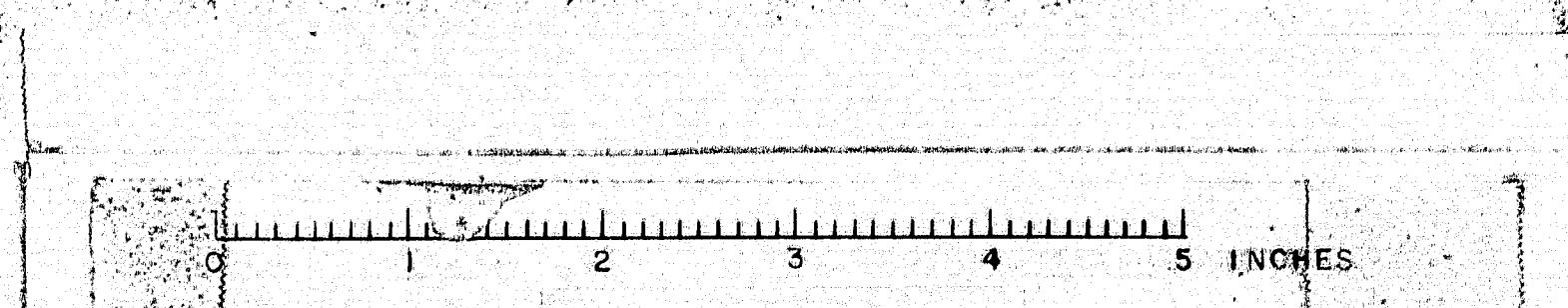
SPAN #2 SOUTHBOUND

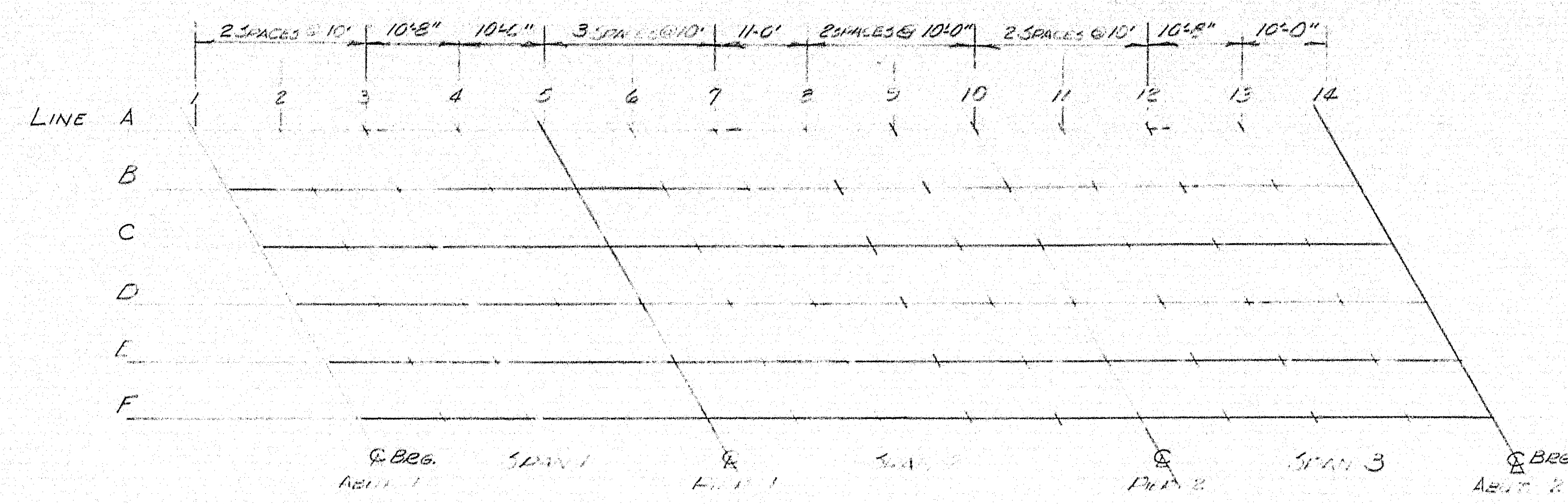
SPAN #3 SOUTHBOUND

NOTE: "SEE Sh. 17 For Sect. B-B"
See Sh. 17 for "Typical Transverse Section"

DESIGN: J.E.S. DETAIL: J.E.S. SURVEY: J.E.S.
CHECK: J.E.S.
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
INTERSTATE 95 OVER WEBB ROAD
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY
SUPERSTRUCTURE SB
SHEET 18 OF 20 AUGUSTA MAINE April 1963

87-118





BLOCKING DIAGRAM (TYPICAL)

*BLOCKING TABLE SOUTH BOUND

	SPAN 1					SPAN 2					SPAN 3			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
A	270.51	270.52	270.53	270.54	270.55	270.56	270.57	270.58	270.59	270.60	270.61	270.62	270.63	270.64
B	270.56	270.57	270.58	270.59	270.60	270.61	270.62	270.63	270.64	270.65	270.66	270.67	270.68	270.69
C	270.61	270.62	270.63	270.64	270.65	270.66	270.67	270.68	270.69	270.70	270.71	270.72	270.73	270.74
D	270.66	270.67	270.68	270.69	270.70	270.71	270.72	270.73	270.74	270.75	270.76	270.77	270.78	270.79
E	270.71	270.72	270.73	270.74	270.75	270.76	270.77	270.78	270.79	270.80	270.81	270.82	270.83	270.84
F	270.76	270.77	270.78	270.79	270.80	270.81	270.82	270.83	270.84	270.85	270.86	270.87	270.88	270.89

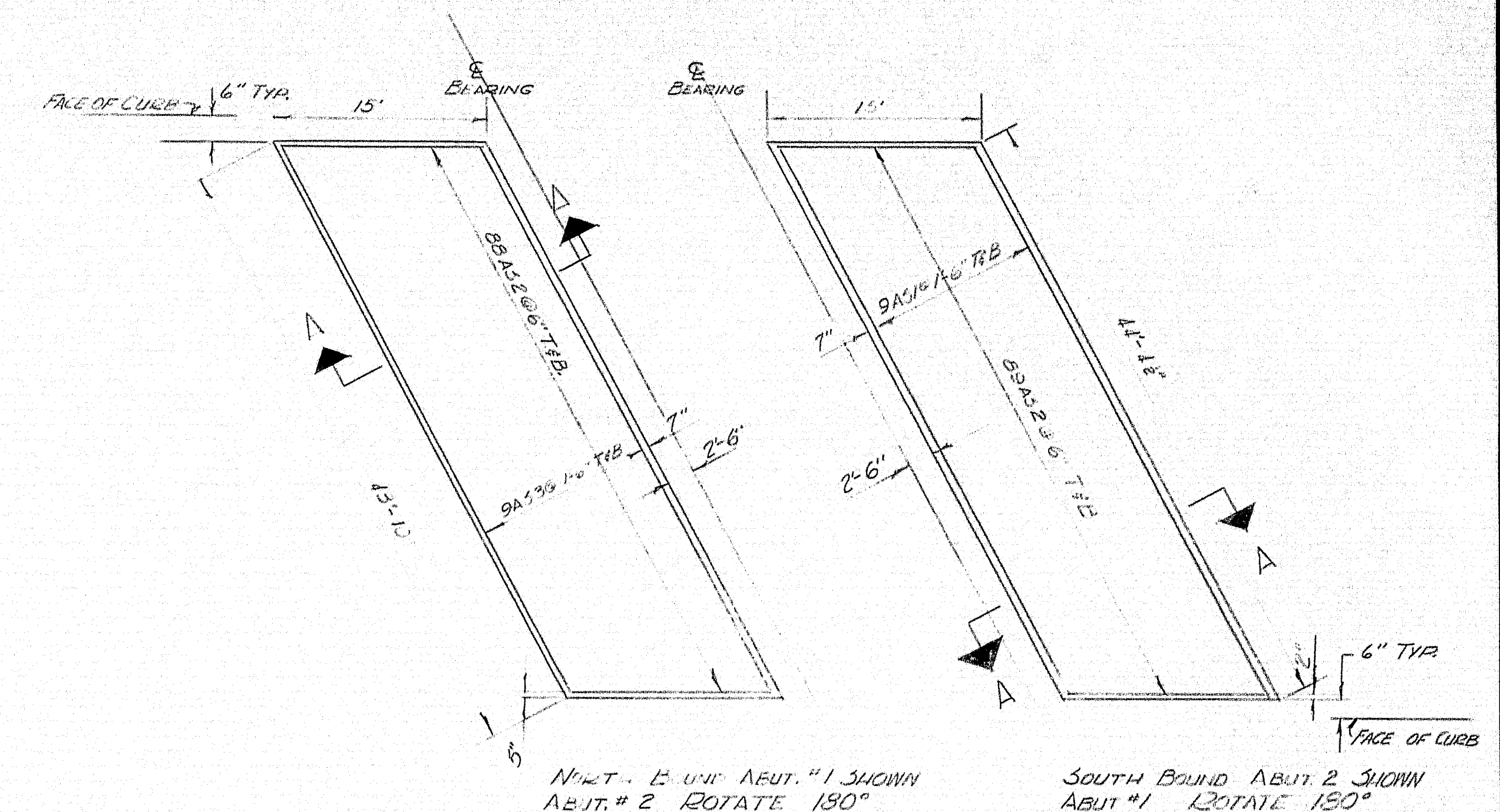
*BLOCKING TABLE NORTH BOUND

	SPAN 1					SPAN 2					SPAN 3			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
A	250.19	250.20	250.21	250.22	250.23	250.24	250.25	250.26	250.27	250.28	250.29	250.30	250.31	250.32
B	250.24	250.25	250.26	250.27	250.28	250.29	250.30	250.31	250.32	250.33	250.34	250.35	250.36	250.37
C	250.29	250.30	250.31	250.32	250.33	250.34	250.35	250.36	250.37	250.38	250.39	250.40	250.41	250.42
D	250.34	250.35	250.36	250.37	250.38	250.39	250.40	250.41	250.42	250.43	250.44	250.45	250.46	250.47
E	250.39	250.40	250.41	250.42	250.43	250.44	250.45	250.46	250.47	250.48	250.49	250.50	250.51	250.52
F	250.44	250.45	250.46	250.47	250.48	250.49	250.50	250.51	250.52	250.53	250.54	250.55	250.56	250.57

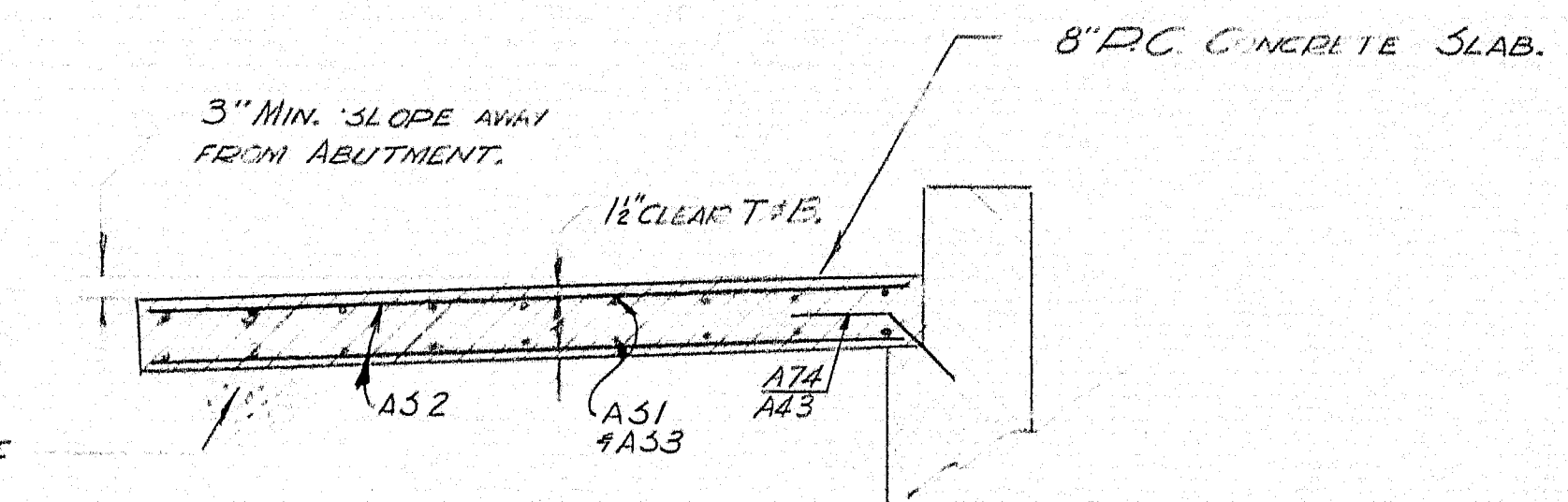
*Bottom of slab elevations

NOTE

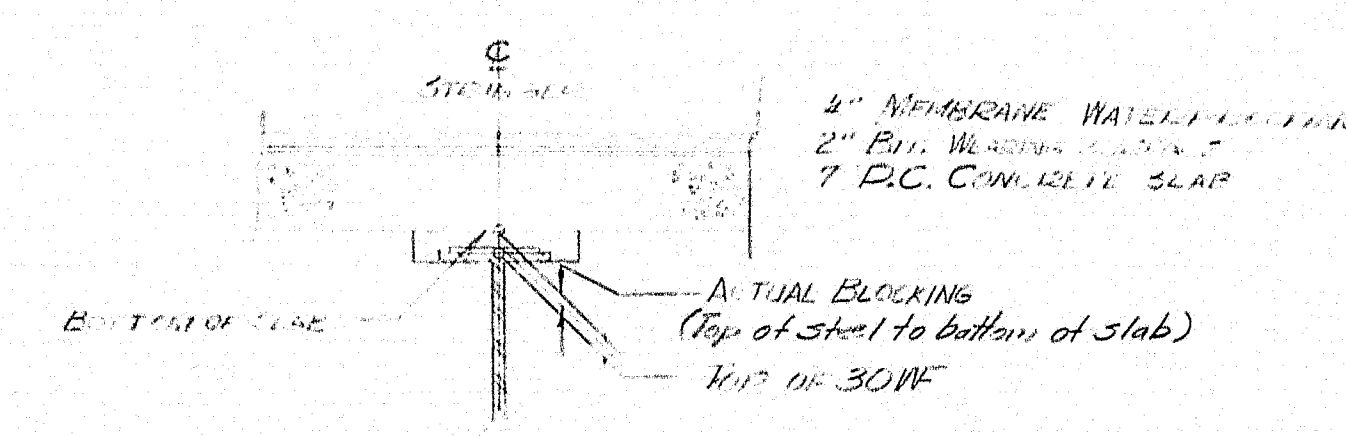
IN ORDER THAT THE ROADWAY SLAB MAY CONFORM TO THE PROFILE AND CROSS SECTION SHOWN IN THE PLANS THE ACCOMPANYING TABLE OF ELEVATIONS IS GIVEN. ELEVATIONS FOR THE BOTTOM OF THE SLAB WHICH ARE COMPARED TO COMPENSATE FOR THE DEAD LOAD DEFLECTIONS MUST BE ESTABLISHED BEFORE SLAB PLANS ARE STARTED.



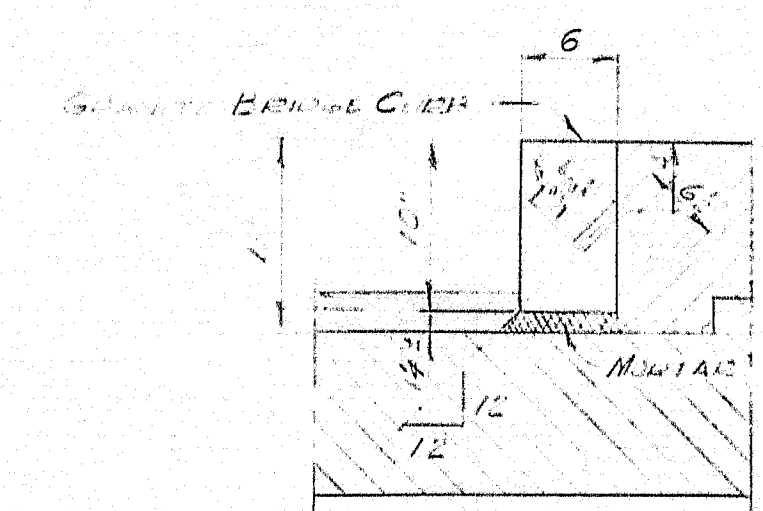
PLAN APPROACH SLABS



SECTION A-A



BLOCKING DETAIL

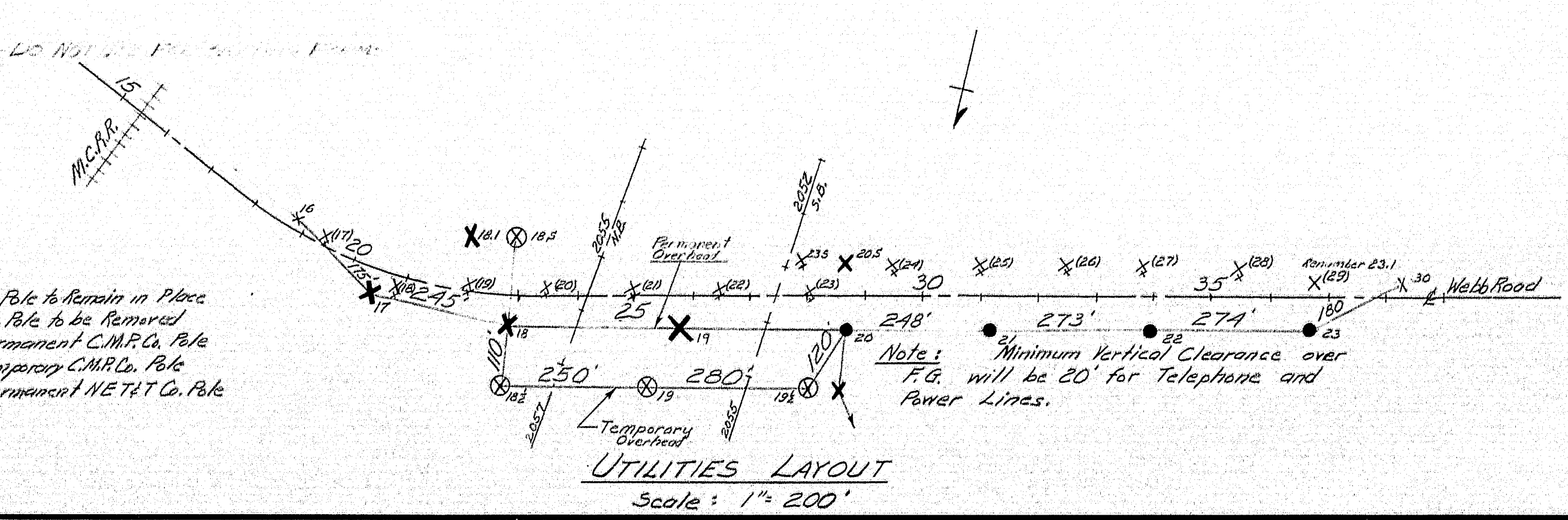


GRANITE CURB DETAIL

JOINTS IN GRANITE CURB SHALL BE LOCATED AT EARLY CONSTRUCTION JOINT IN THE CONCRETE CURB. AT CONSTRUCTION JOINTS CURB & OF PILLS, USE 4" PREFORMED EXPANSION JOINT FILLER.

LEGEND

- Represents Existing CMP Co. Pole to Remain in Place
- Represents Existing CMP Co. Pole to be Removed
- Represents New Proposed Permanent CMP Co. Pole
- Represents New Proposed Temporary CMP Co. Pole
- Represents New Proposed Permanent METEOR. Pole



UTILITIES LAYOUT

Scale: 1" = 200'

DESIGN - <i>CHH</i>	BRIDGE NO. <i>119</i>
TRACE - <i>CHH</i>	SURVEY - <i>CHH</i>
CHECK - <i>CHH</i>	PLOT - <i>CHH</i>

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95 OVER WEBB ROAD

IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY

APPROACH SLABS
BLOCKING GRANITE CURB

UTILITIES LAYOUT

SHEET 19 OF 20 AUGUSTA, MAINE APRIL 63

REINFORCING STEEL SCHEDULE

B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(4A)	7	20

SUPERSTRUCTURE NORTH BOUND				
MARK	SIZE	NUMBER	LENGTH	LOCATION
NE 1	#6	126	49'-3"	TRANSVERSE BARS
C 1	#4	250	6'-9"	CURB STIRRUPS
STRAIGHT BARS				
S3	#5	188	41'-7"	LONGITUDINAL BARS
S4	#5	94	50'-8"	DO
S5	#6	256	48'-0"	TRANSVERSE BARS
C2	#4	24	16'-8"	CURB SPAN 2
C3	#4	16	21'-1"	CURB SPAN 1 & 3
C4	#4	16	20'-2"	-DO-

PIERS NORTH BOUND				
MARK	SIZE	NUMBER	LENGTH	LOCATION
D18	#4	108	10'-6"	STIRRUPS PIER COLUMNS
P10	#4	148	11'-5"	STIFFENING PIER CAPS
P24	#8	8	11'-3"	DO
P25	#8	8	10'-10"	DO
P26	#8	8	10'-5"	DO
P27	#8	8	10'-0"	DO
P28	#4	8	9'-5"	DO
P2	#9	72	5'-9"	FOOTING DOWELS
P21	#8	8	4'-10"	PIER CAP
STRAIGHT BARS				
P19	#10	10	46'-8"	PIER CAPS
P20	#6	8	46'-8"	DO
P1	#6	50	4'-6"	FOOTING
P3	#9	72	2'-4"	COLUMN STEEL
P8	#10	8	10'-0"	PIER CAP

ABUTMENTS				
MARK	SIZE	NUMBER	LENGTH	LOCATION
A52	#5	98	18'-1"	FOOTING
A54	#5	46	20'-1"	FOOTING WINGS
A13	#4	96	7'-8"	CURB POSTS
A67	#5	62	11'-2"	BREASTWALL
A70	#5	24	3'-8"	BRIDGE SEAT
A71	#5	24	4'-8"	-DO-
A43	#6	58	2'-9"	ABUT. APP. SLAB
A4	#8	52	9'-7"	FOOTING WINGS
STRAIGHT BARS				
A51	#9	176	4'-0"	FOOTING
A53	#9	28	52'-0"	FOOTING
A55	#7	12	16'-3"	FOOTING WINGS
A56	#7	52	13'-3"	-DO-
A9	#5	52	6'-10"	-DO-
A6	#6	32	12'-1"	WING WALLS
A3	#6	24	17'-0"	-DO-
A10	#6	80	21'-1"	WING WALLS
A11	#5	8	1'-8"	END POST
A36	#12	124	5'-3"	FOOTING BACKWALL
A68	#6	62	11'-0"	BREASTWALL
A19	#5	62	5'-0"	-DO-
A72	#5	72	24'-6"	DO
A73	#6	12	24'-6"	BRIDGE SEAT
A5	#6	52	10'-6"	WING WALLS FF
A7	#7	52	10'-6"	-DO- BF
A22	#6	8	4'-2"	-DO- FF
A23	#8	8	5'-2"	-DO-
A24	#8	8	6'-2"	-DO-
A25	#8	8	7'-2"	-DO-
A26	#6	4	8'-2"	-DO-
A27	#7	8	4'-2"	-DO- BF
A28	#8	8	5'-2"	-DO-
A29	#8	8	6'-2"	-DO-
A30	#8	8	7'-2"	-DO-
A31	#7	4	8'-2"	-DO-
A32	#6	16	8'-0"	-DO-
A52	#6	352	14'-8"	Approach Slab
A53	#4	176	43'-2"	-DO-
SOUTH BOUND				
MARK	SIZE	NUMBER	LENGTH	LOCATION
A4	#8	52	9'-7"	FOOTING WINGS
A13	#4	96	7'-8"	CURB POSTS
A18	#5	34	12'-4"	BREASTWALL
A20	#4	24	3'-8"	BRIDGE SEAT
A34	#5	34	11'-2"	BREASTWALL
A43	#6	56	2'-9"	ABUT. APP. SLAB
A1	#6	112	7'-6"	FOOTING WINGS
A2	#5	32	14'-9"	-DO-
A3	#5	32	14'-3"	-DO-
A5	#6	52	10'-6"	WING WALLS
A6	#6	32	12'-1"	-DO-
A7	#7	52	10'-6"	WING WALLS
A8	#6	24	17'-0"	DO
A9	#5	52	6'-10"	FOOTING WINGS
A10	#6	80	21'-1"	WING WALLS
A11	#5	8	1'-8"	END POSTS
A14	#6	104	6'-6"	FOOTING
A15	#6	14	52'-6"	-DO-
A17	#5	34	12'-6"	BREASTWALL
A19	#5	68	5'-0"	-DO-
A21	#4	24	8'-8"	BRIDGE SEAT
A35	#5	34	11'-9"	BREASTWALL
A36	#5	92	5'-3"	FOOTING
A37	#6	12	25'-0"	BREASTWALL
A38	#5	72	25'-0"	-DO-
A22	#6	8	4'-2"	Wing Walls FF
A23	#8	8	5'-2"	-DO-
A24	#8	8	6'-2"	-DO-
A25	#8	8	7'-2"	-DO-
A26	#6	4	8'-2"	-DO-
A27	#7	8	4'-2"	-DO-
A28	#8	8	5'-2"	-DO-
A29	#8	8	6'-2"	-DO-
A30	#8	8	7'-2"	-DO-
A31	#7	4	8'-2"	-DO-
A32	#6	16	8'-0"	-DO-
A52	#6	356	14'-8"	Approach Slab
A51	#4	176	44'-0"	-DO-

SUPERSTRUCTURE SOUTH BOUND				
MARK	SIZE	NUMBER	LENGTH	LOCATION
SB 1	#6	126	49'-9"	TRANSVERSE BARS
C1	#4	250	6'-9"	CURB STIRRUPS
STRAIGHT BARS				
S1	#6	256	48'-7"	TRANSVERSE BARS
S3	#5	188	41'-7"	LONGITUDINAL BARS
S4	#5	94	50'-8"	-DO-
C2	#4	24	16'-8"	CURB SPAN 2
C3	#4	16	21'-1"	CURB SPAN 1 & 3
C4	#4	16	20'-2"	-DO-
PIERS SOUTH BOUND				
MARK	SIZE	NUMBER	LENGTH	LOCATION
P10	#4	148	11'-5"	STIRRUPS PIER CAPS
P11	#8	8	11'-3"	DO
P12	#8	8	10'-10"	DO
P13	#8	8	10'-6"	DO
P14	#8	8	10'-1"	DO
P15	#8	8	9'-9"	DO
P18	#4	108	10'-6"	STIRRUPS PIER COLUMN
P2	#9	72	5'-9"	FOOTING DOWELS
P7	#8	8	4'-4"	PIER CAP
STRAIGHT BARS				
P1	#6	60	4'-6"	FOOTING
P3	#9	36	21'-4"	COLUMN PIER 1
P4	#9	36	21'-8"	COLUMN PIER 2
P5	#10	10	47'-3"	PIER CAP
P6	#6	8	47'-3"	-DO-
P8	#10	8	10'-0"	DO

NOTE
ALL DIMENSIONS ARE TO 1/2 OF BARS.
REINFORCING STEEL WILL BE OF INTERMEDIATE GRADE.
BF = BACKFACE
FF = FRONTFACE
FTG = FOOTING
BRW = BACKWALL

DESIGN - *Chapman*
TRACE - *SM*
CHECK - *As Noted*

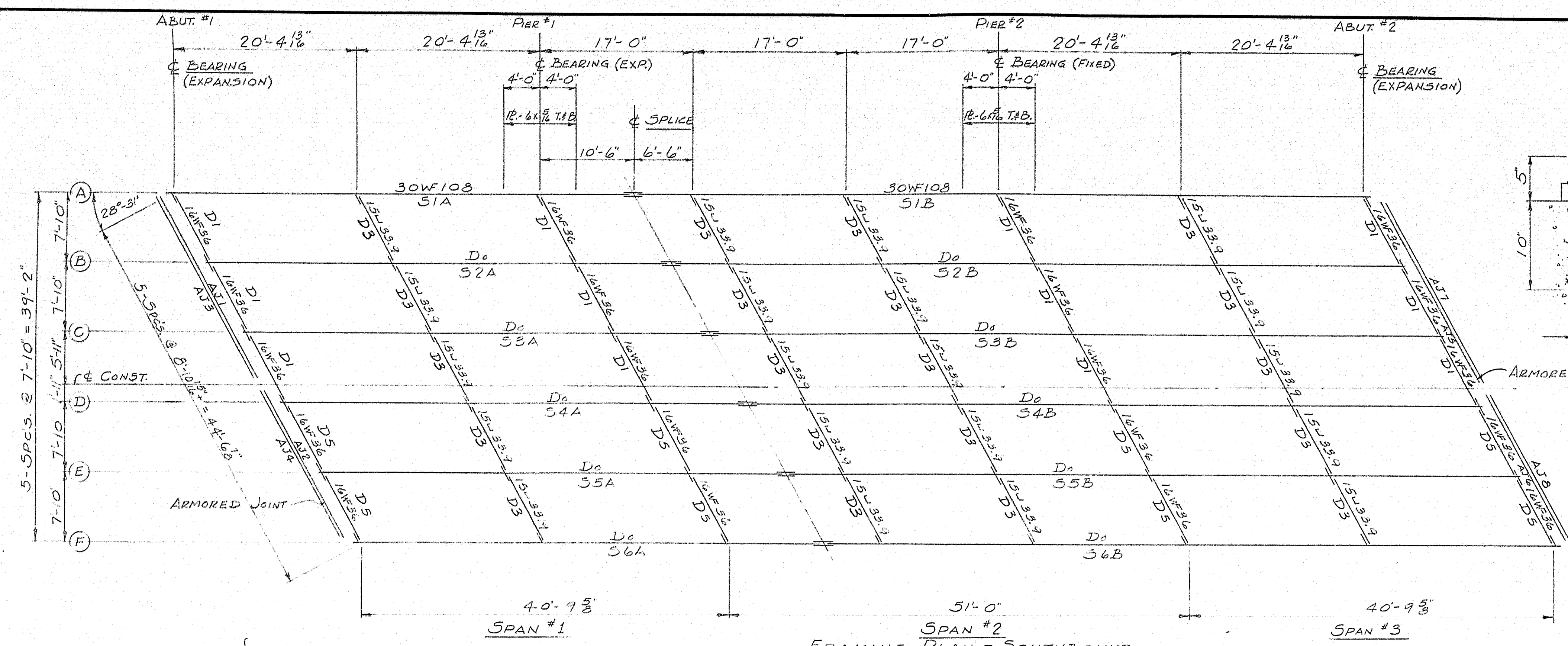
BRIDGE NO. SURVEY - PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

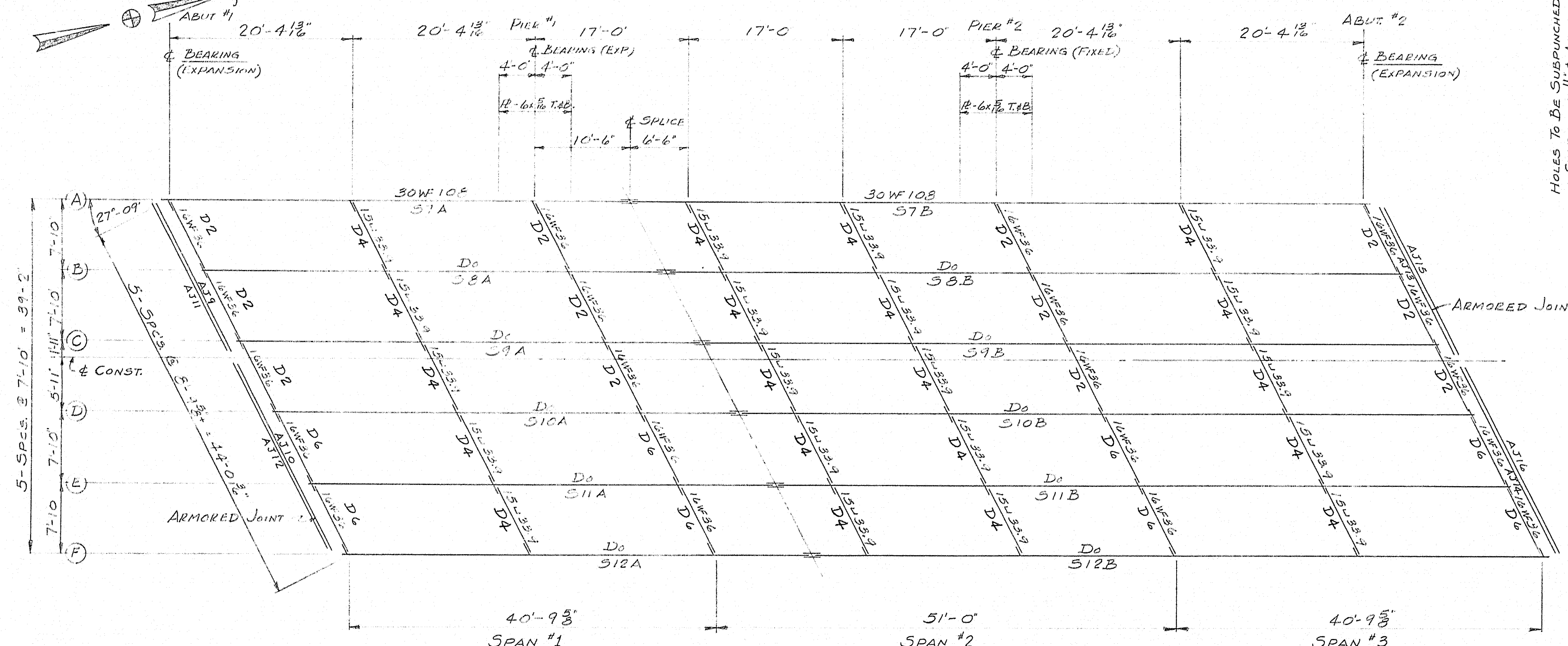
INTERSTATE 95 OVER WEBB ROAD
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY

REINFORCING STEEL SCHEDULE

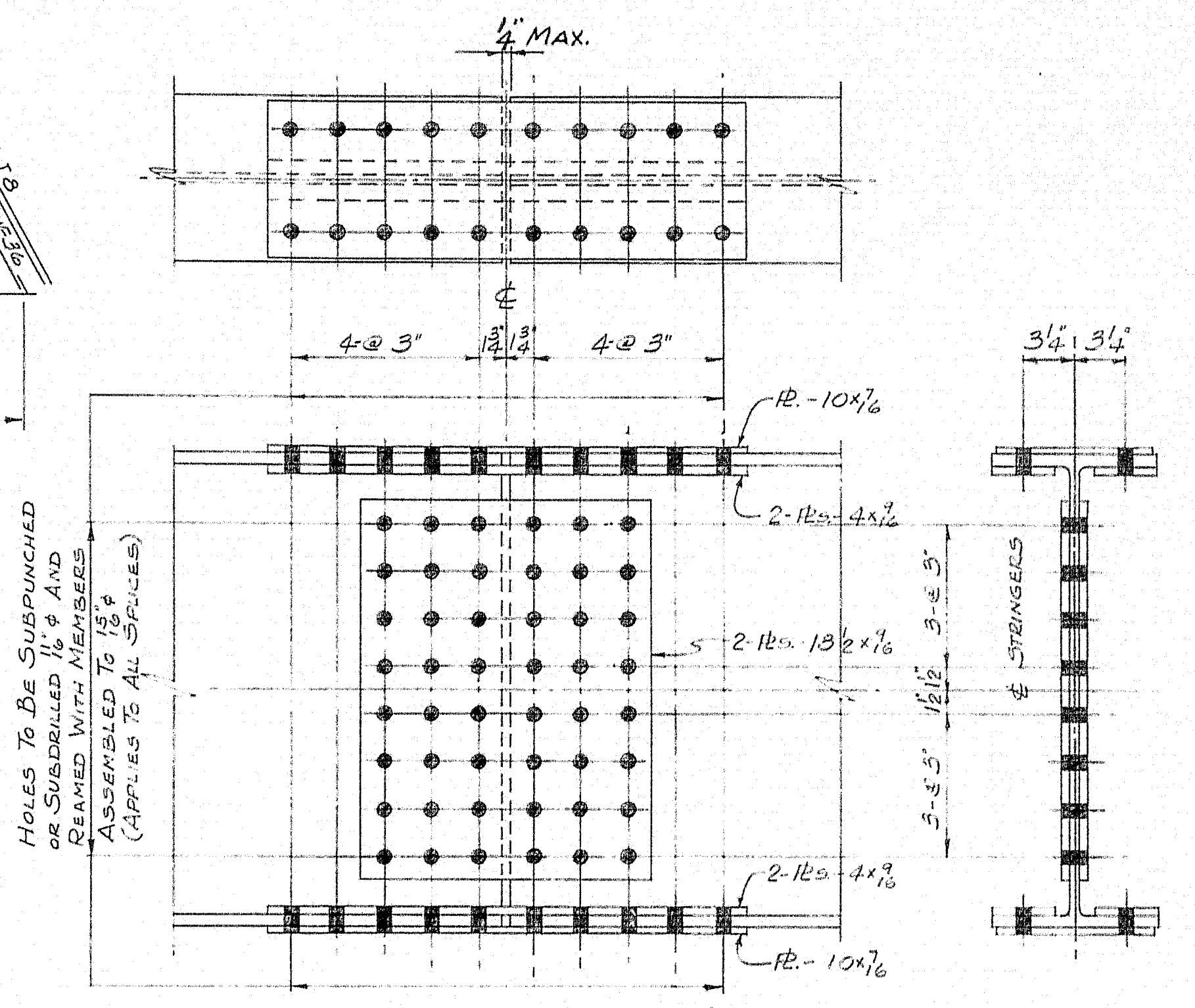
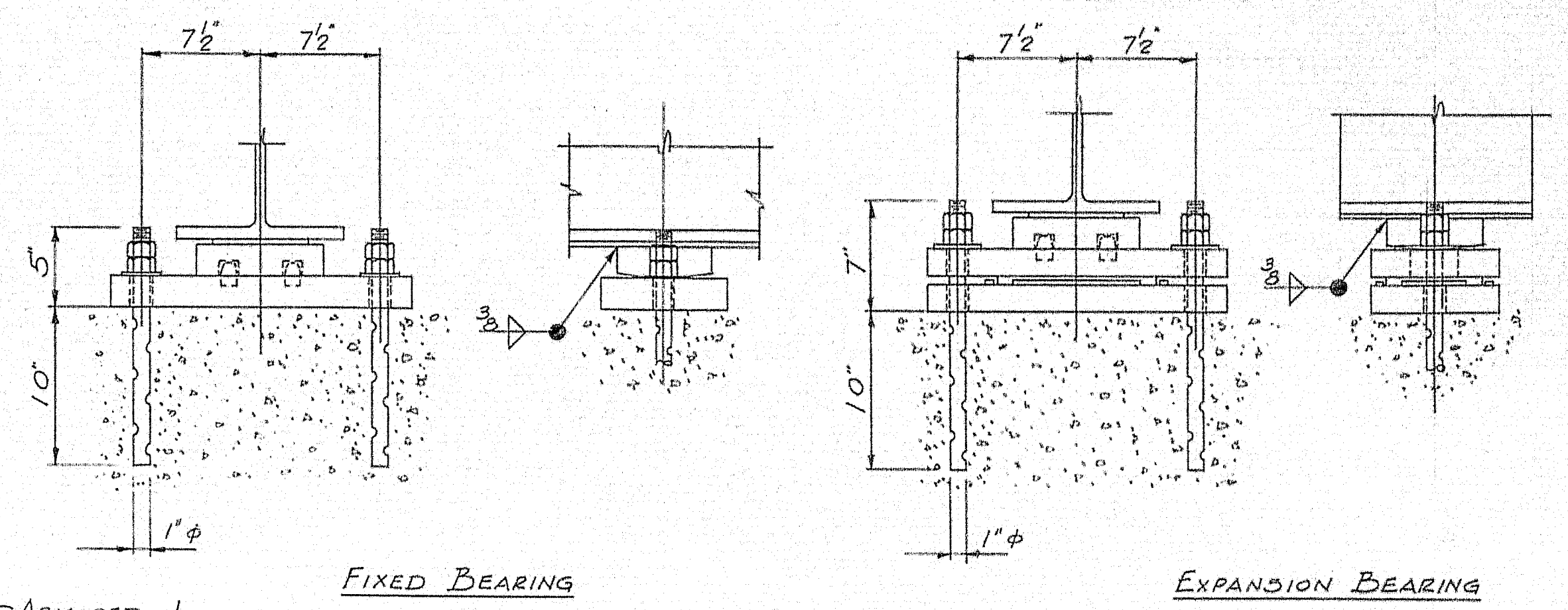
SHEET 20 OF 20 AUGUSTA, MAINE April, 1963



FRAMING PLAN - SOUTHBOUND



FRAMING PLAN - NORTHBOUND

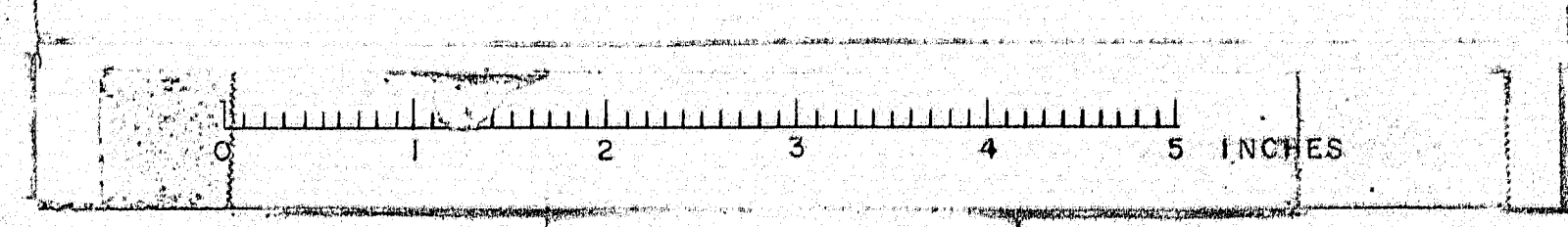


88-7"x3" H.S. BOLTS (A325) WITH
HEAVY SEMI-FINISHED HEX
NUTS & ONE WASHER

NOTE:
STRINGERS, COVER RS, & SPlice RS SHALL CONFORM
TO A.S.T.M. A36.
DIAPHRAGMS SHALL CONFORM TO A.S.T.M. A7 OR A36
SHOP CONNECTIONS: WELD (E70-ELECTRODE)
FIELD CONNECTIONS: WELD & H.S. BOLTS
HOLES: AS NOTED
PAINT: STATE OF MAINE SPEC'S.

APPD. AS NOTED 6-18-63

FRAMING PLAN - NORTHBOUND & SOUTHBOUND BRIDGES	
PRINT	ISSUE
2	S.H.C. 10-14-63
1	S.H.C.P. 7-24-63
3	CUST. 7-24-63
2	F.A. 7-19-63
2	F.A. 7-12-63
2	F.A. 6-18-63
DRAWN	6-5-63 R.A.M.
REVISION	
REVISION	
REVISION	
Bancroft & Martin Rolling Mills Company Brewer, Maine	
INTERSTATE #95 OVER WEBB ROAD PITTSFIELD, MAINE	
CUSTOMER SEAWARD CONST. CO. DESIGNER STATE HIGHWAY COMM.	
ORDER VERBAL	DWG. B63-138-E1



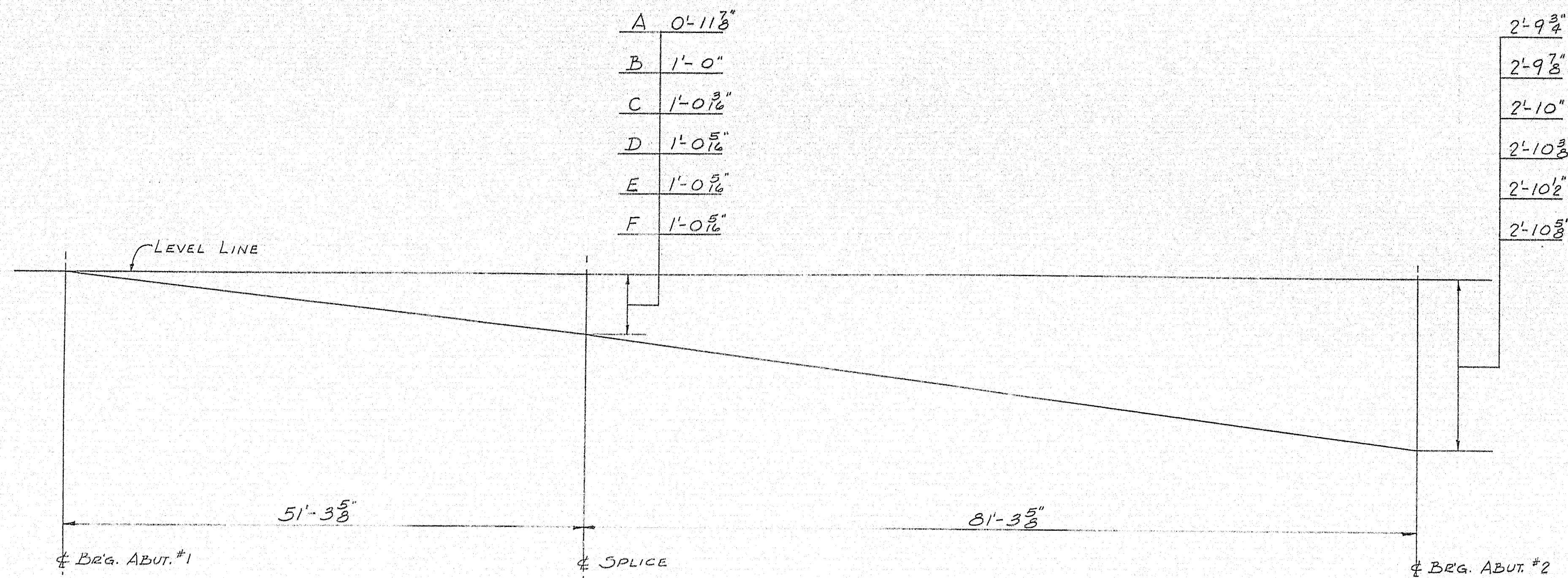
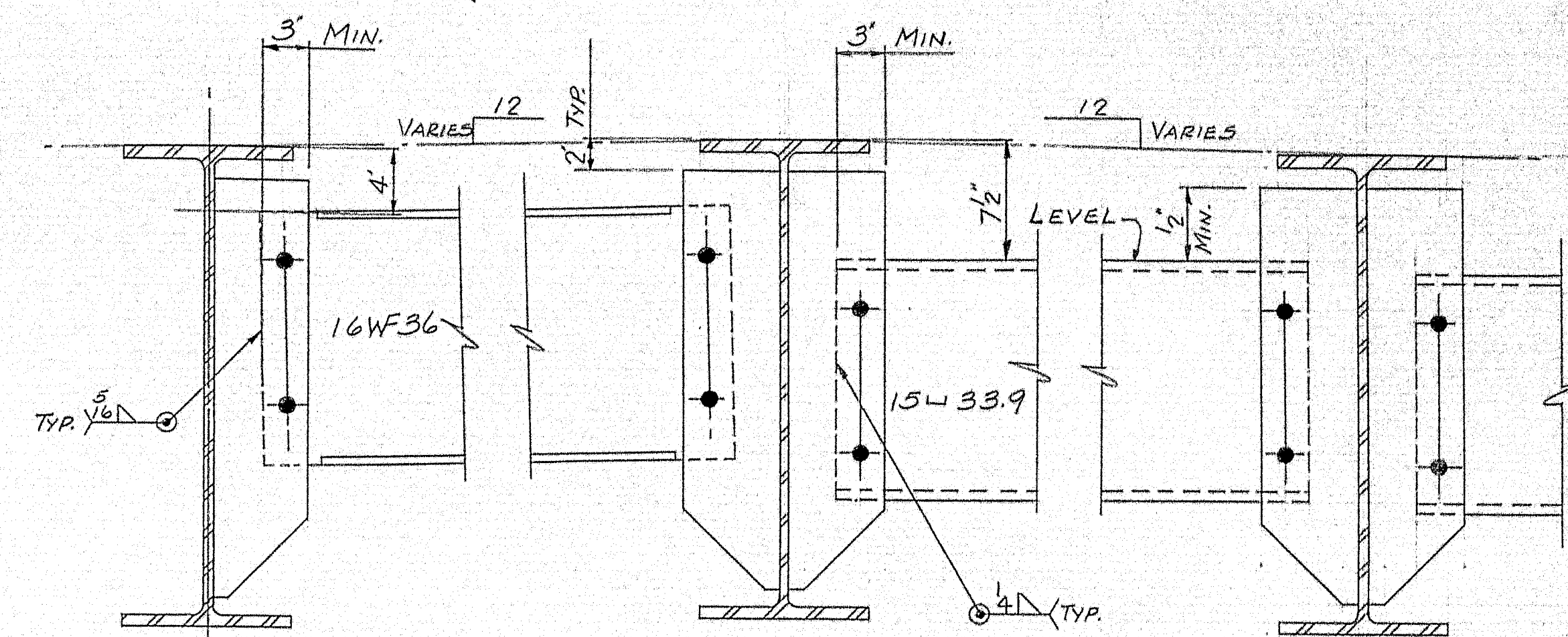


DIAGRAM OF STRINGER ELEVATION - SOUTHBOUND
COMPUTATION OF DIMENSIONS ARE BASED ON BOTTOM OF STRINGER ELEVATIONS



DIAPHRAGM DETAILS

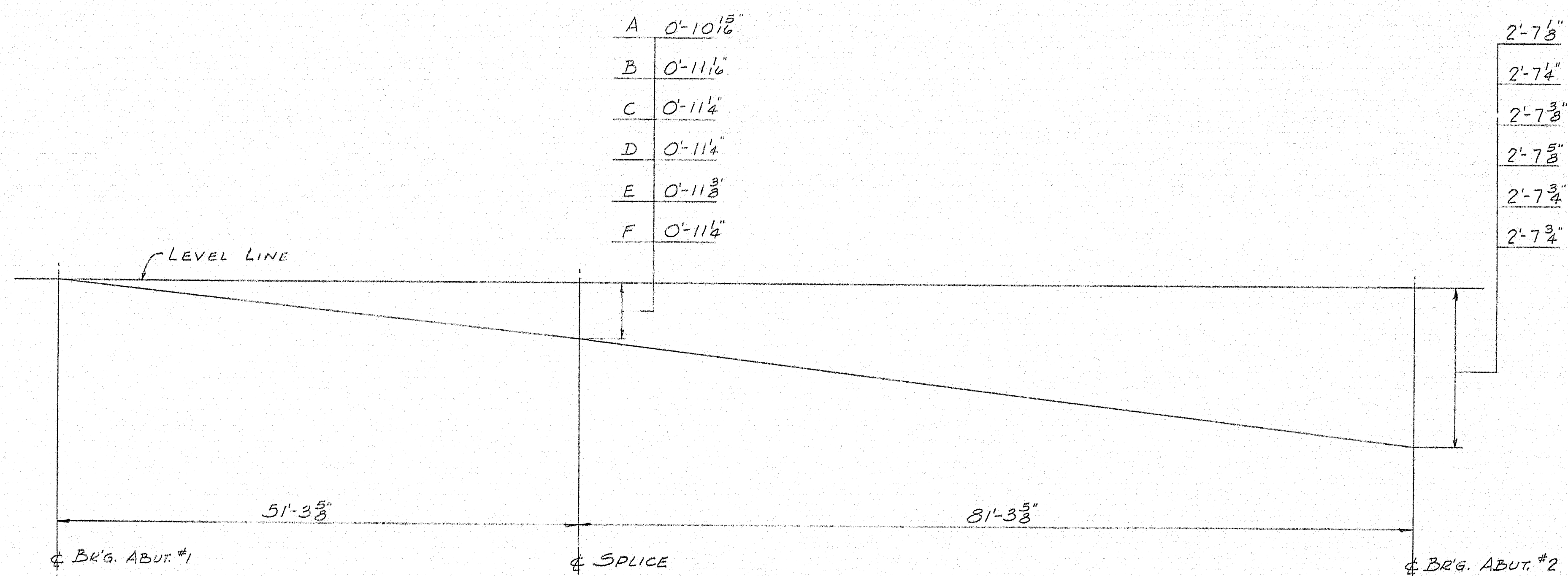


DIAGRAM OF STRINGER ELEVATION - NORTHBOUND
COMPUTATION OF DIMENSIONS ARE BASED ON BOTTOM OF STRINGER ELEVATIONS

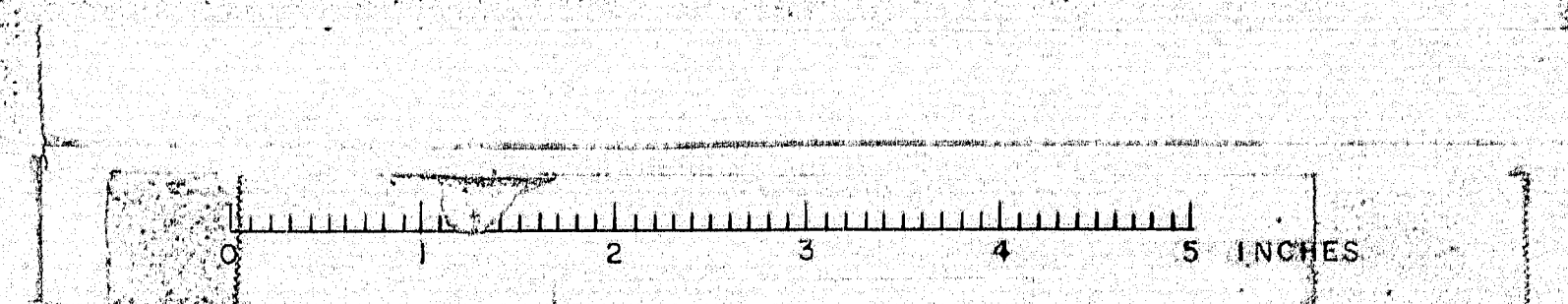
NOTE:
STRINGERS, COVER RS., & SPLICE RS. SHALL CONFORM TO
A.S.T.M. A36.
DIAPHRAGMS SHALL CONFORM TO A.S.T.M. A7 OR A36

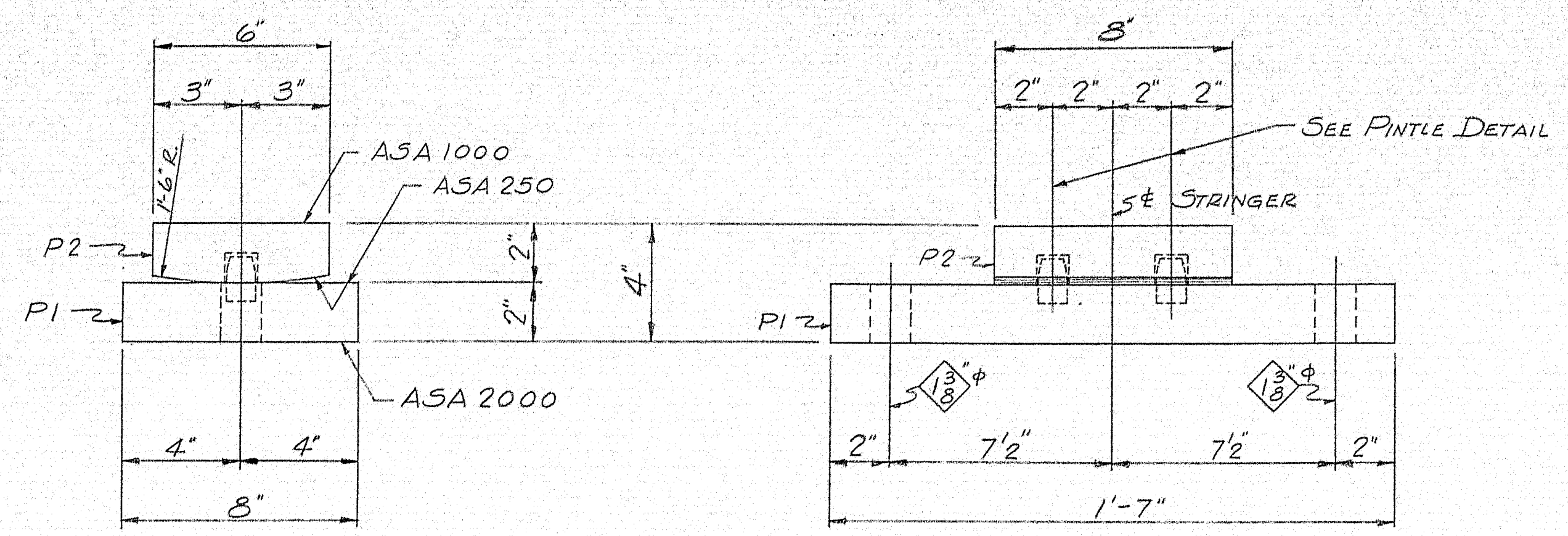
SHOP CONNECTIONS: WELD (E70-ELECTRODE)
FIELD CONNECTIONS: WELD & H.B. BOLTS
HOLES: AS NOTED
PAINT: STATE OF MAINE SPEC'S.

APP'D. 6-18-63

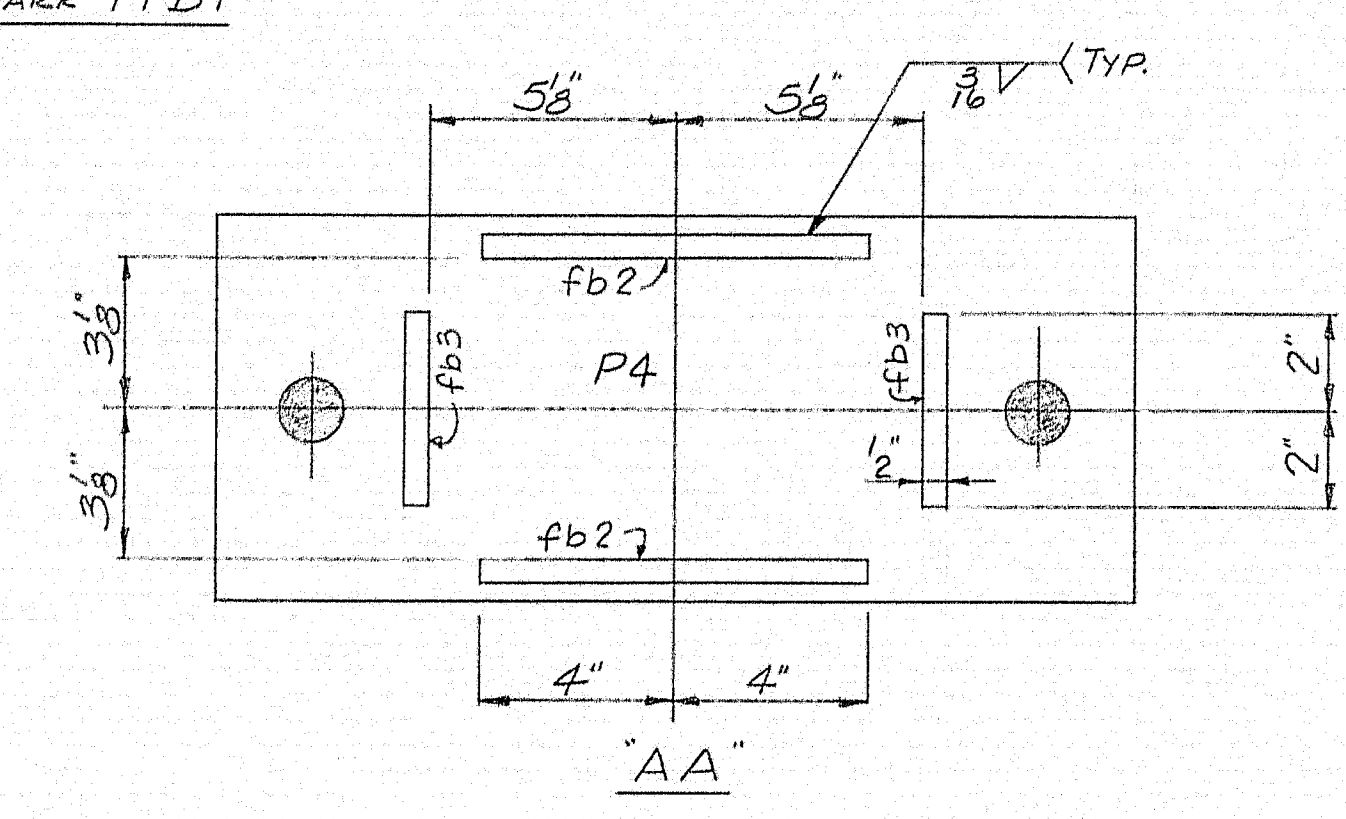
DIAGRAMS OF STRINGER ELEVATIONS & DIAPHRAGM DTLS.

PRINT ISSUE		Bancroft & Martin Rolling Mills Company Brewer, Maine	
2	S.H.C. 10-14-63	INTERSTATE #95 OVER WEBB ROAD PITTSFIELD MAINE	
5	SHOP 7-24-63		
3	CUST. 7-24-63		
2	F.A. 7-19-63		
2	F.A. 6-13-63	CUSTOMER SEAWARD CONST. CO.	
DRAWN	6-7-63 R.A.M.	DESIGNER STATE HIGHWAY COMM.	
REVISION		ORDER VERBAL	
REVISION		DWG B63-138-E2	

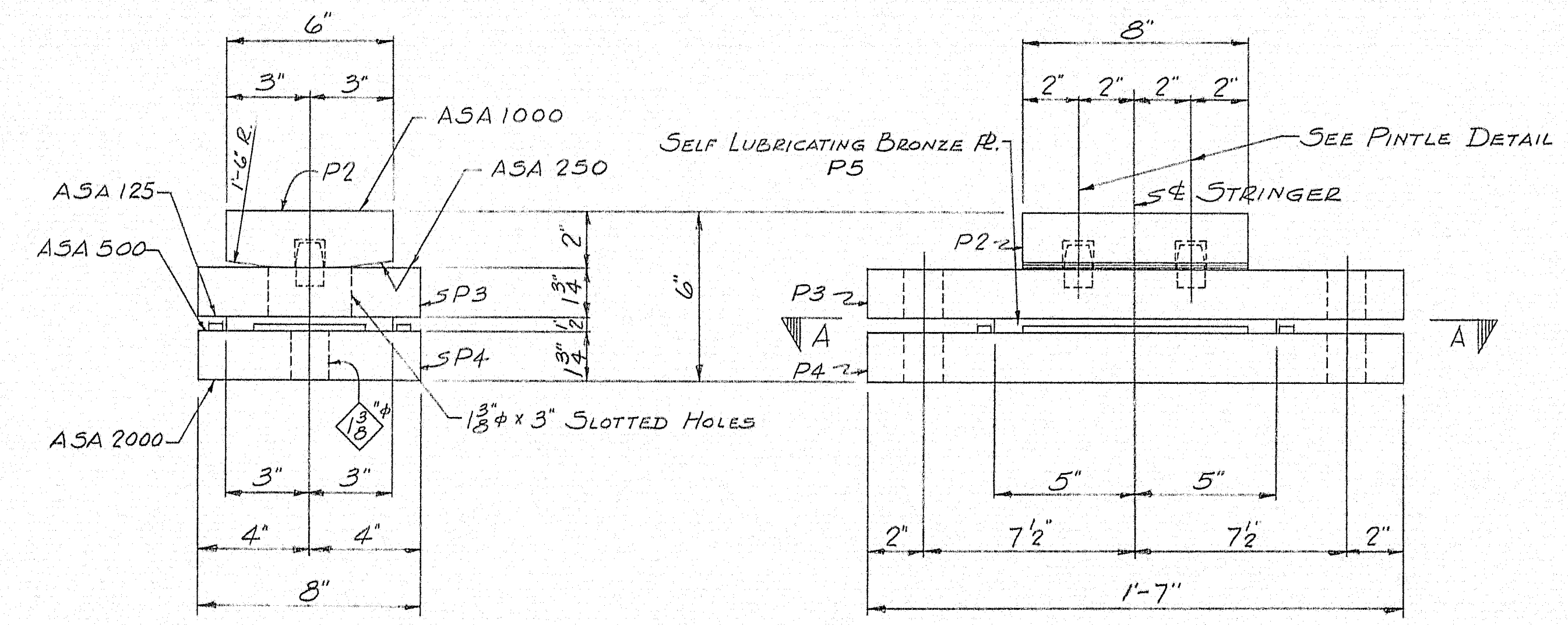




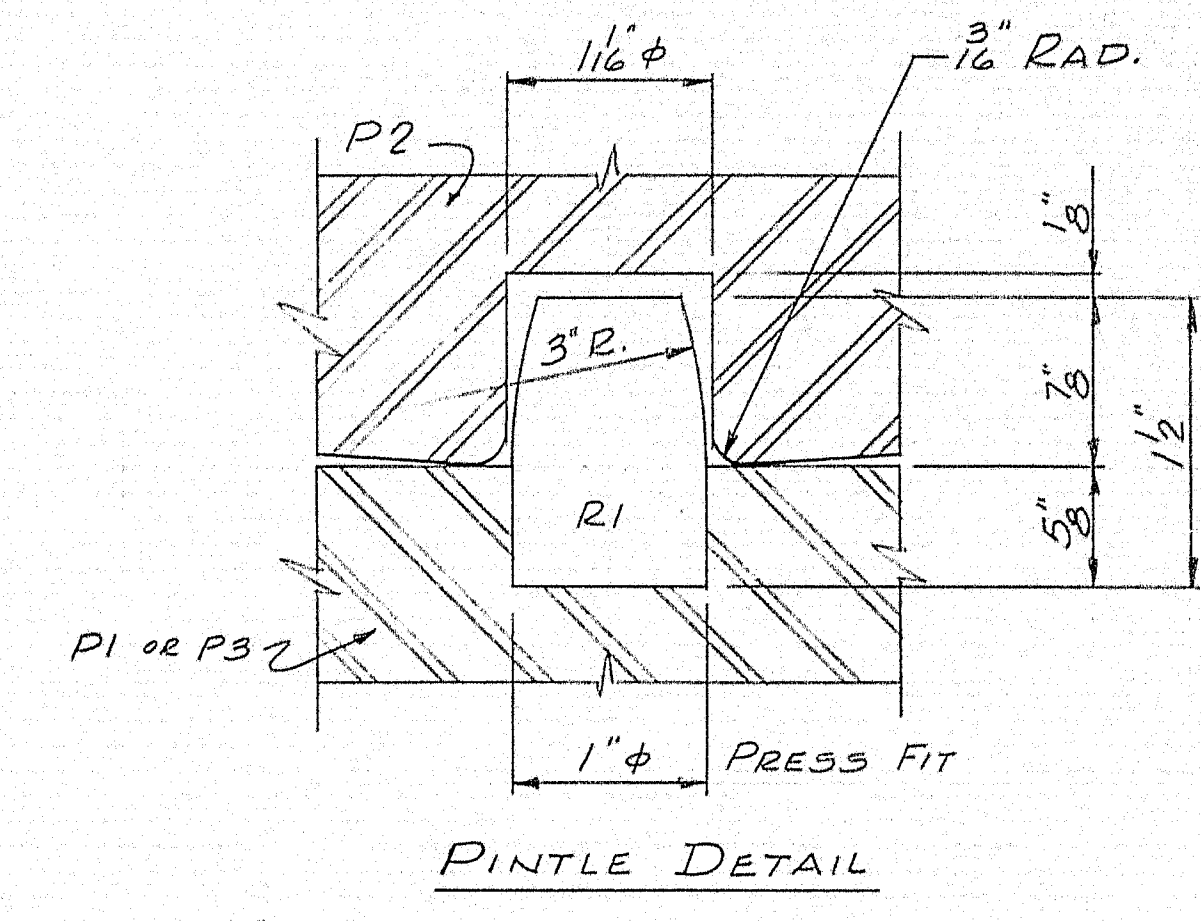
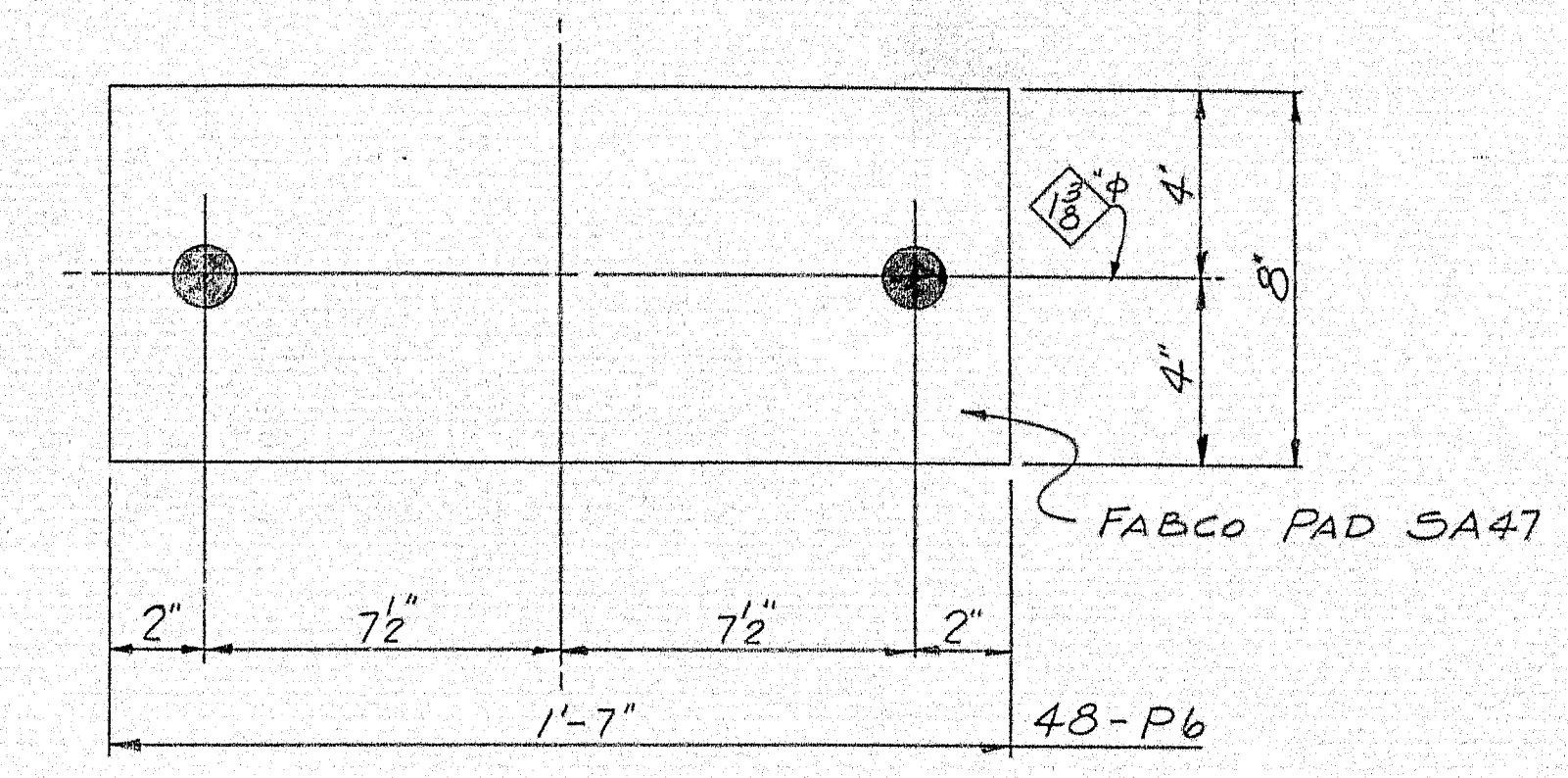
FIXED PEDESTAL - MARK FPB1
12 - REQ'D.



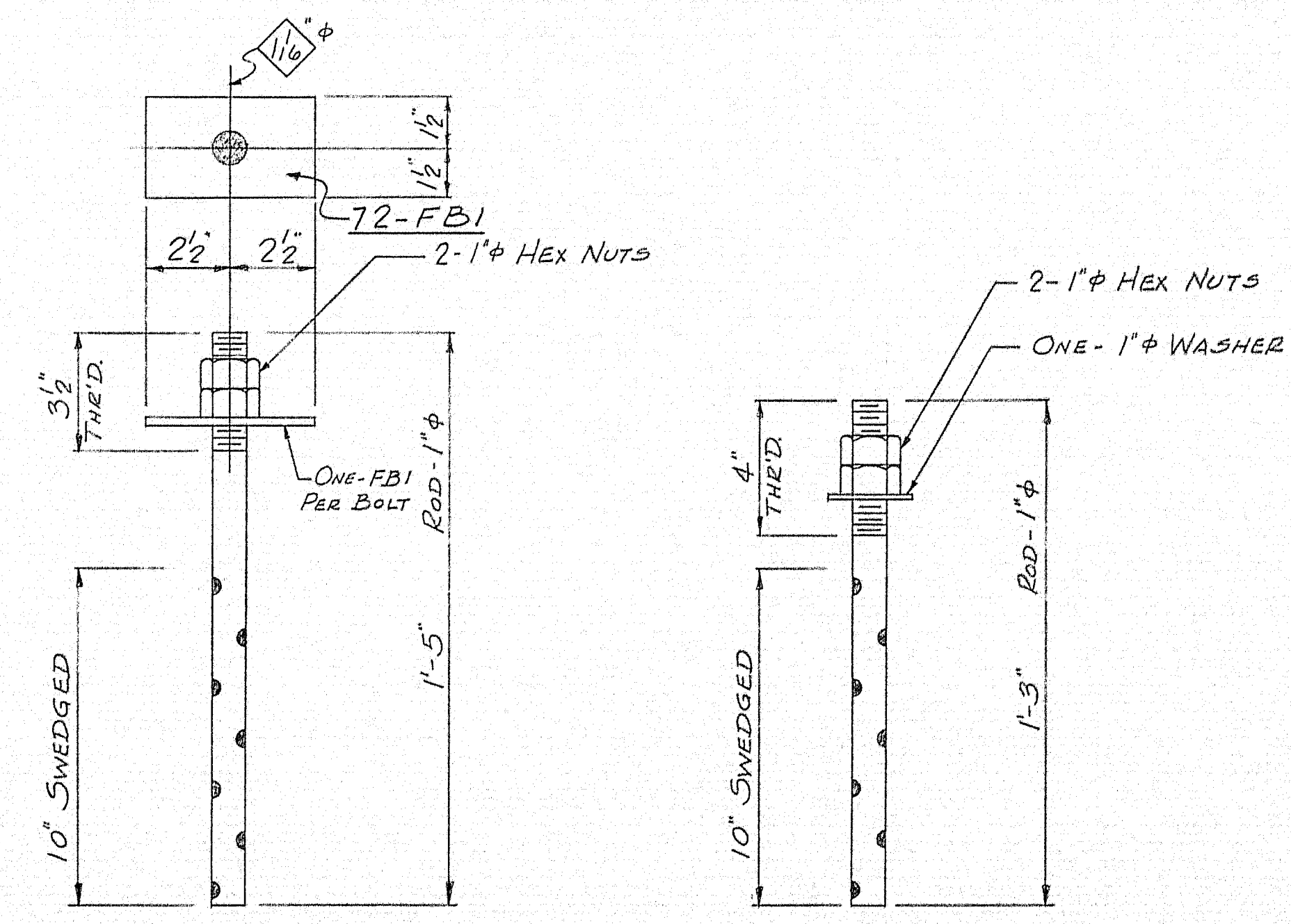
"AA"



EXPANSION PEDESTAL - MARK EPB1
36 - REQ'D.



PINTLE DETAIL



72-AB1

24-AB2

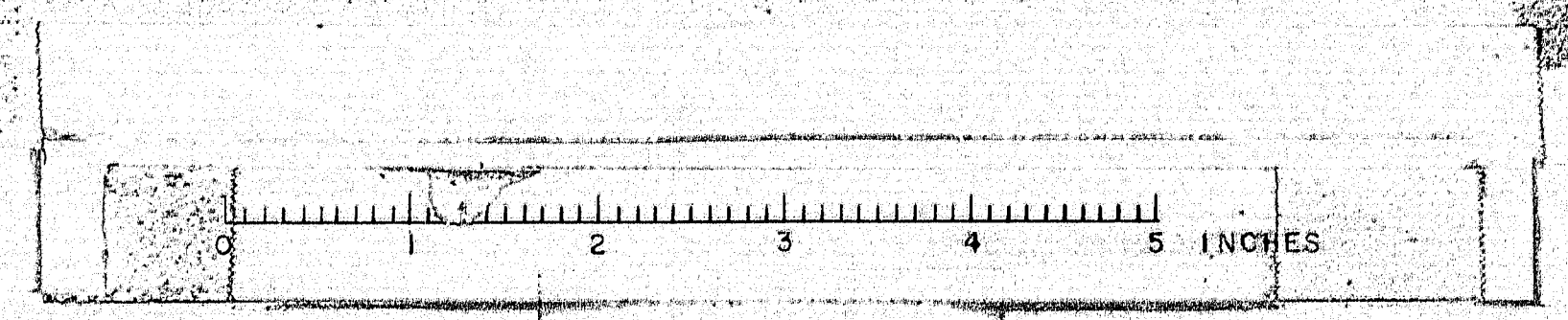
NOTE:
NO PAINT ON SURFACES FINISHED ASA 125.
COAT WITH HOT MIXTURE OF WHITE
LEAD & TALLOW. NO PAINT ON TOP SURFACE &
3/4" DOWN FROM TOP SURFACE OF P2. NO PAINT
ON AB1 OR AB2, OIL THREADS.

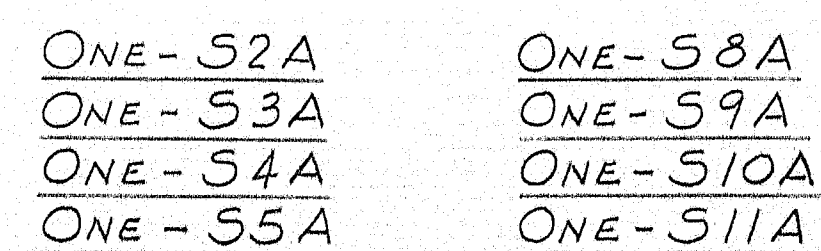
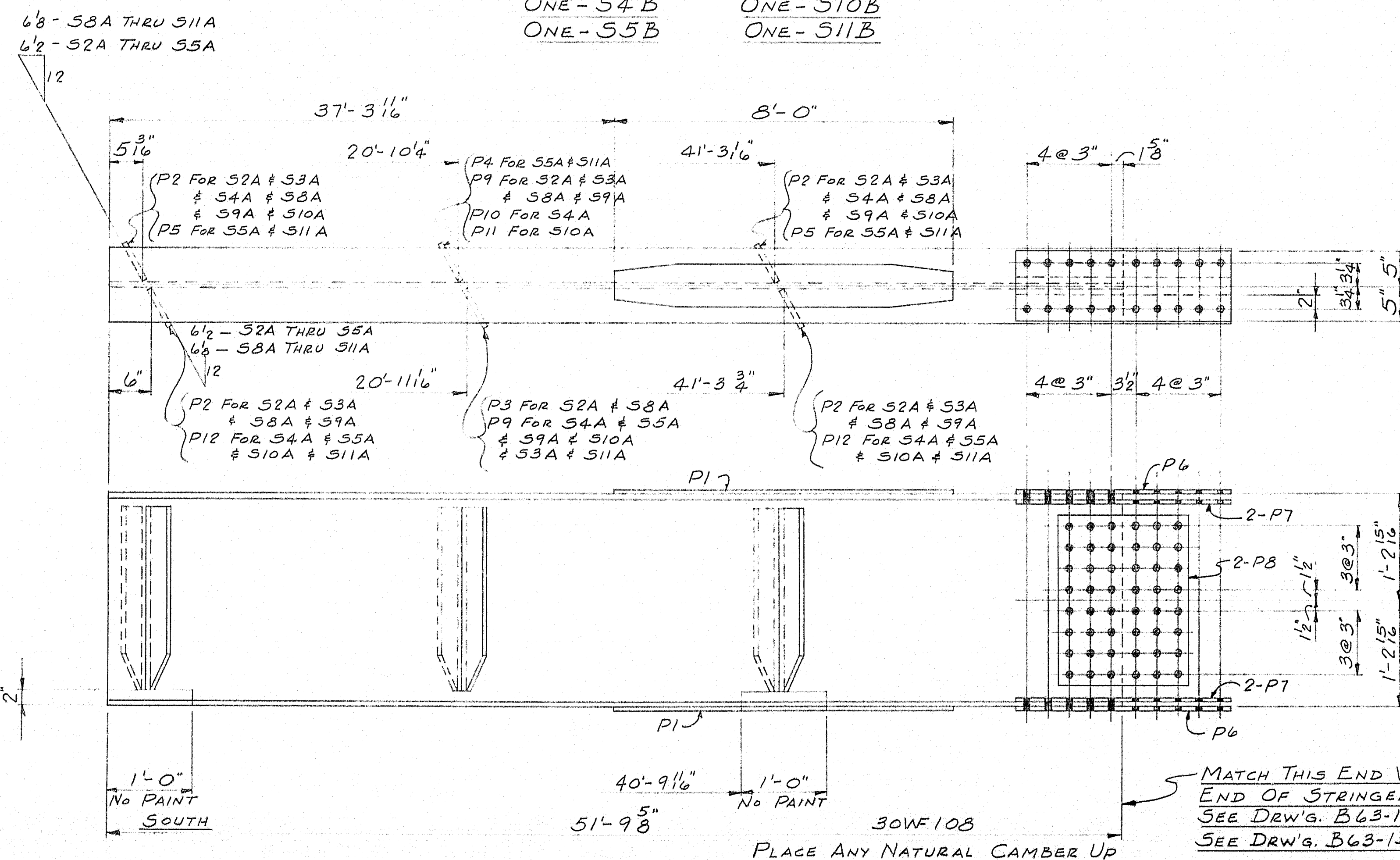
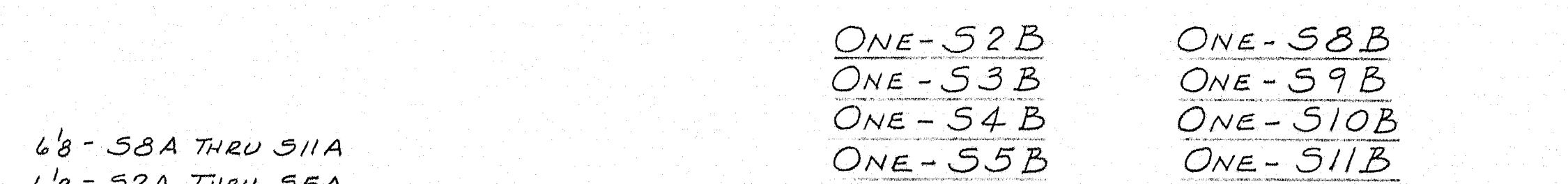
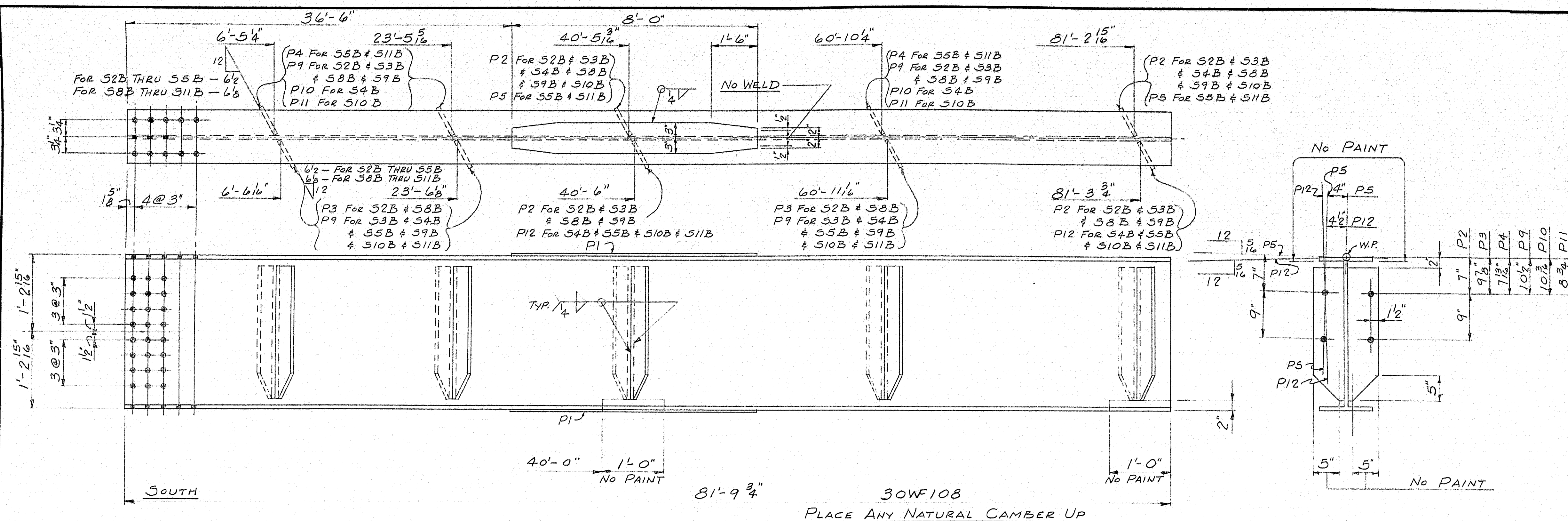
SHIP		BILL OF MATERIAL				DWG. B63-138-51
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS
FPB1	12		SHOP ASSEMBLY			AT OR AS
EPB1	36		Do			
	12	P1	R-8x2	1	7	MACHINED
	48	P2	R-6x2	0	8	Do
	36	P3	R-8x1 1/4	1	7	Do
	36	P4	Do	1	7	Do
	36	P5	R-6x2	0	10	LUBRITE SELF LUBRICATING BRONZE R.
	72	fb2	BAR-2x4	0	8	AT OR AS
	72	fb3	Do	0	4	
	96	R1	ROD-1" φ	0	1 1/2	MACHINED
P6	48		8x8	1	7	FABCO PAD 5A47
AB1	72		ROD-1" φ	1	5	THRD & SWEDGED
AB2	24		Do	1	3	Do Do
FB1	72		BAR-3x4	0	5	
FIELD	24		1" φ STD WASHER			
	192	SHOP	1" φ HEX NUT			
REQUISITION # 8456						

SEGMENT #4
SHOP CONNECTIONS: WELD
FIELD CONNECTIONS:
HOLES: AS NOTED
PAINT: STATE OF MAINE SPEC'S.

APP'D. AS NOTED 6-13-63

BEARING DETAILS			
PRINT ISSUE		<i>Bancroft & Martin Holdings Mills Company</i> <i>Brewer, Maine</i>	
2	S.H.C.	10-14-63	INTERSTATE #95 OVER WEBB ROAD PITTSFIELD, MAINE
3	CUST.	7-24-63	
2	F.A.	7-19-63	
2	F.A.	6-13-63	
4	^{PORT.} REV. #4456	6-13-63	CUSTOMER SEAWARD CONST. Co. DESIGNER STATE HIGHWAY COMM.
DRAWN	6-10-63 R.A.M.		
REVISION			
REVISION			
REVISION			
ORDER VERBAL		DWG. B63-138-51	





SHIP		BILL OF MATERIAL				DWG. B63-138-54		
MARK	NO.	MARK	SHAPE	LENGTH	WT.	REMARKS		
52B	1		30WF108	81	9 $\frac{3}{4}$		A36	
53B	1		Do	81	9 $\frac{3}{4}$		}	
54B	1		Do	81	9 $\frac{3}{4}$			
55B	1		Do	81	9 $\frac{3}{4}$			
58B	1		Do	81	9 $\frac{3}{4}$			
59B	1		Do	81	9 $\frac{3}{4}$			
510B	1		Do	81	9 $\frac{3}{4}$			
511B	1		Do	81	9 $\frac{3}{4}$			
52A	1		Do	51	9 $\frac{3}{8}$			
53A	1		Do	51	9 $\frac{5}{8}$			
54A	1		Do	51	9 $\frac{5}{8}$			
55A	1		Do	51	9 $\frac{5}{8}$		}	
58A	1		Do	51	9 $\frac{5}{8}$			
59A	1		Do	51	9 $\frac{5}{8}$			
510A	1		Do	51	9 $\frac{5}{8}$			
511A	1		Do	51	9 $\frac{5}{8}$			
	32	P1	R-6x $\frac{5}{16}$	8	0			A36
	40	P2	R-6x $\frac{3}{8}$	2	2			A7
	8	P3	Do	2	2			}
	8	P4	Do	2	2			
	8	P5	Do	2	2			A7
	16	P6	R-10x $\frac{1}{2}$	2	6 $\frac{1}{2}$		A36	
	32	P7	R-4x $\frac{1}{2}$	2	6 $\frac{1}{2}$		A36	
	16	P8	R-18 $\frac{1}{2}$ x $\frac{1}{2}$	2	0		A36	
	40	P9	R-6x $\frac{3}{8}$	2	2		A7	
	4	P10	Do	2	2		}	
	4	P11	Do	2	2			
	16	P12	Do	2	2		A7	

SEGMENT #1
SHOP CONNECTIONS: WELD (E70 ELECTRODE)
FIELD CONNECTIONS: WELD & H.S. BOLTS
HOLES: 1 1/2" ϕ
PAINT: STATE OF MAINE SPEC'S.
No PAINT WITHIN 3" OF HOLES.

PRINT ISSUE			STRINGERS	
2	S.H.C.	10-14-63	<i>Bancroft & Martin Rollings Mills Company</i> <i>Brewer, Maine</i> INTERSTATE #95 OVER WEBB ROAD PITTSFIELD, MAINE CUSTOMER <u>SEAWARD CONST. CO.</u> DESIGNER <u>STATE HIGHWAY COMM.</u> ORDER <u>VERBAL</u> DWG. <u>B63-138-54</u>	
3	CUST	7-24-63		
5	SHOP	7-24-63		
2	F.A.	7-19-63		
2	F.A.	7-8-63		
DRAWN	7-2-63	P.A.M.		
REVISION				
REVISION				
REVISION				