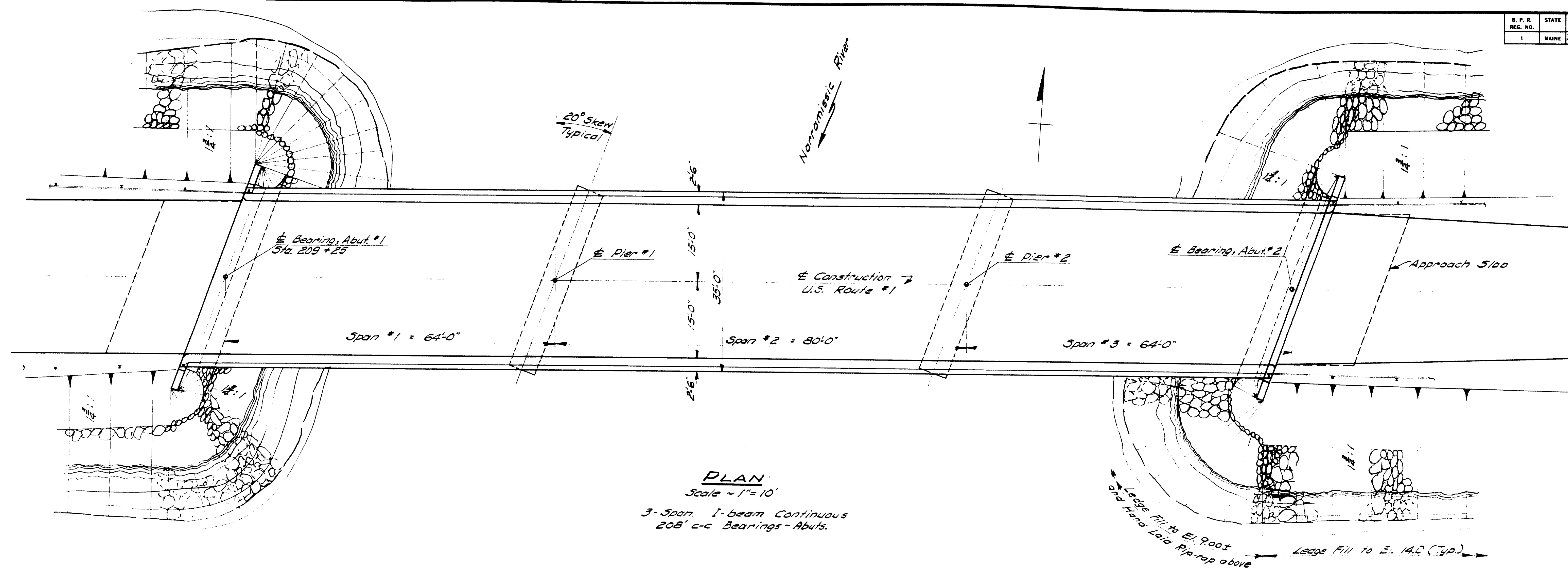
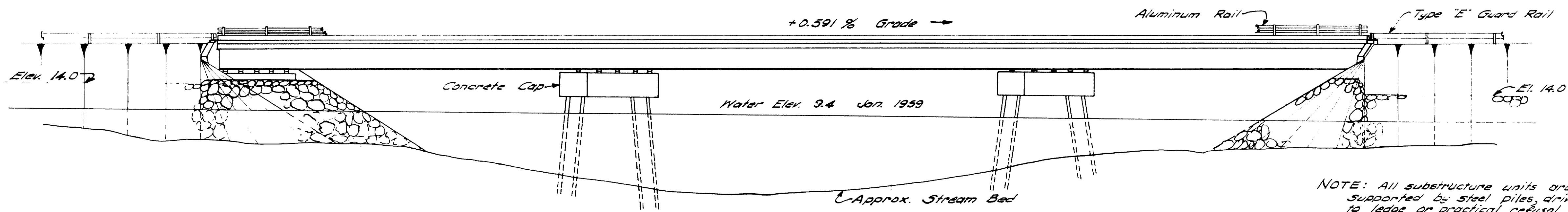


S. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	E-42-18	10	95



PLAN
Scale 1"=10'
3-Span I-beam Continuous
20' c-c Bearings-Abuts.

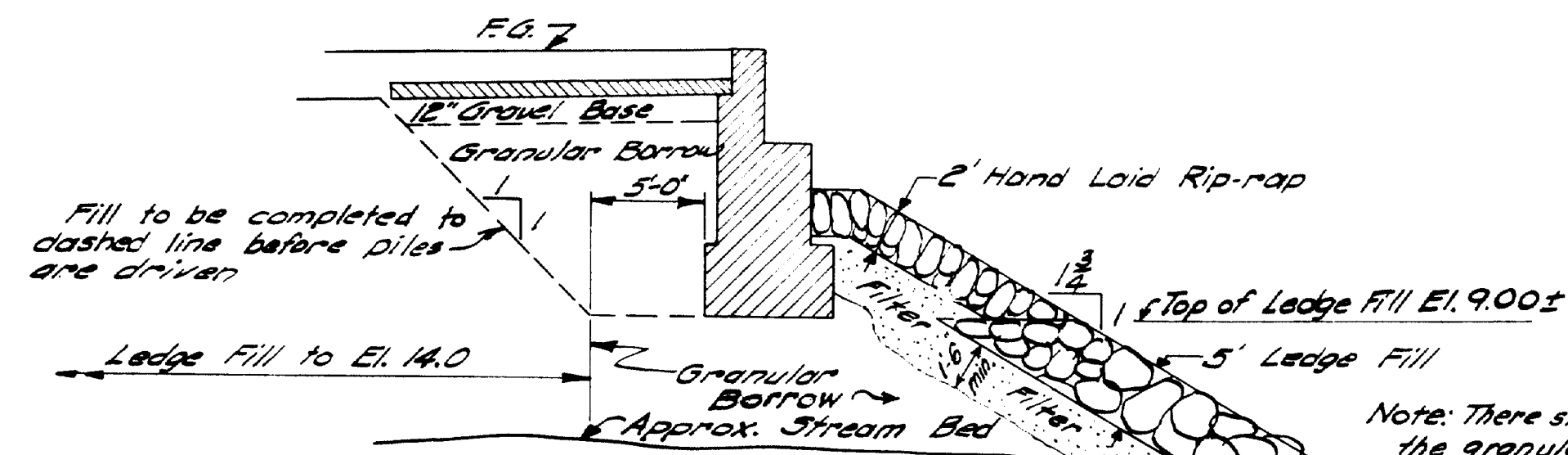


ELEVATION
Scale 1"=10'

DESIGN SPECIFICATIONS
A.A.S.H.O. Standard Specifications for Highway Bridges 1957.
Loading = H20-516-44, $f_s = 18,000$ psi, $f_c = 1200$ psi, $n = 10$

CONTRACT SPECIFICATIONS
State of Maine, State Highway Commission
Standard Specification, Revision of Jan. 1956.

CONCRETE CLASSIFICATION
All Concrete Class "A".

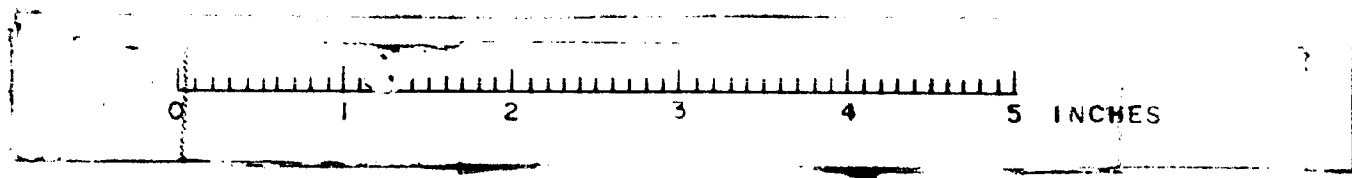


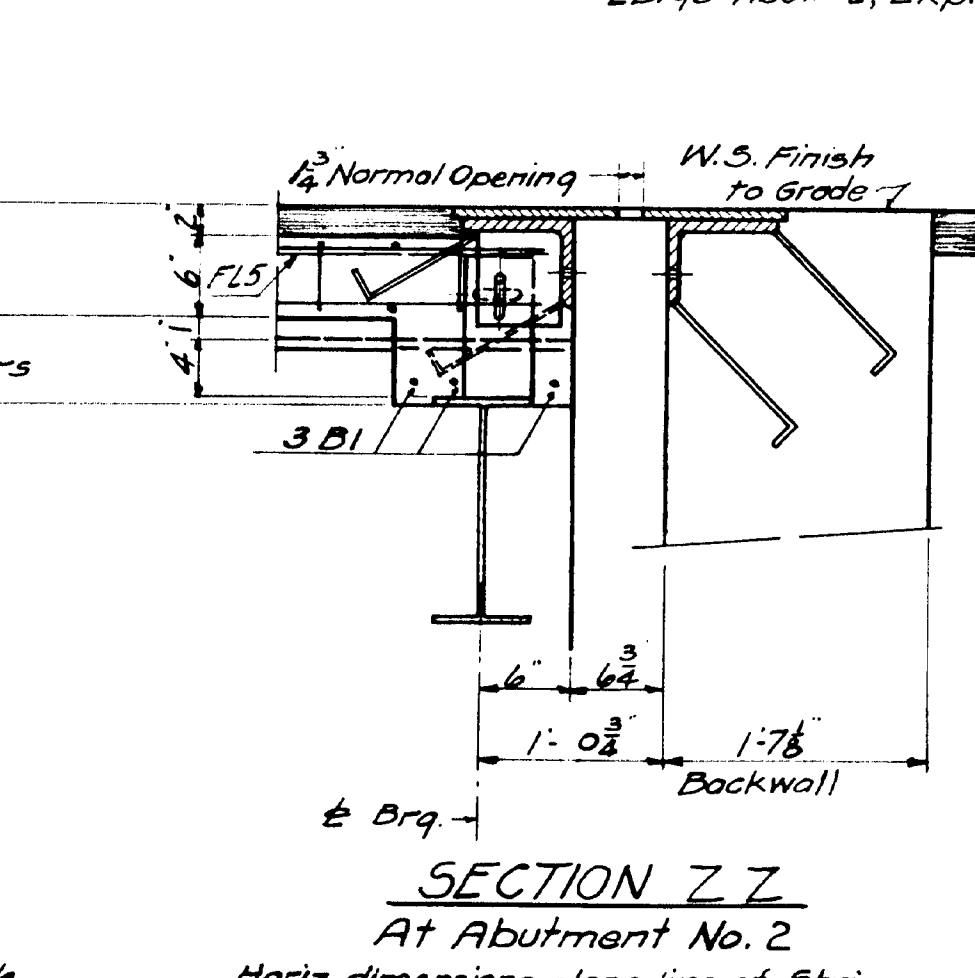
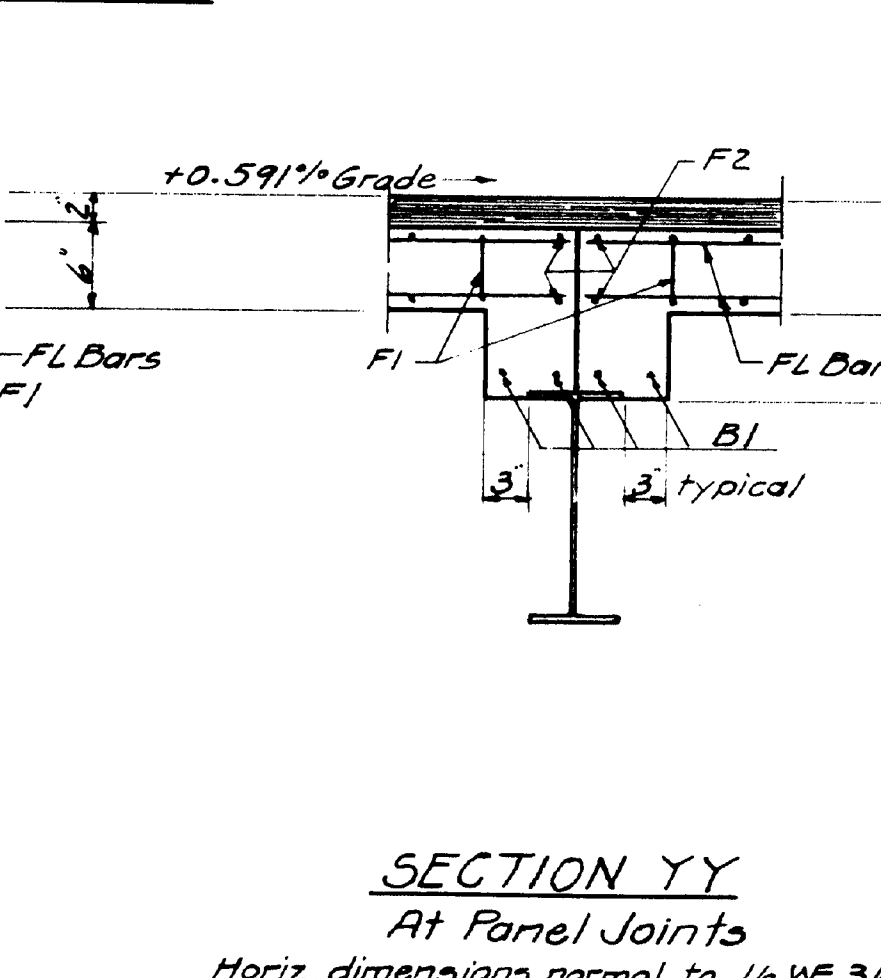
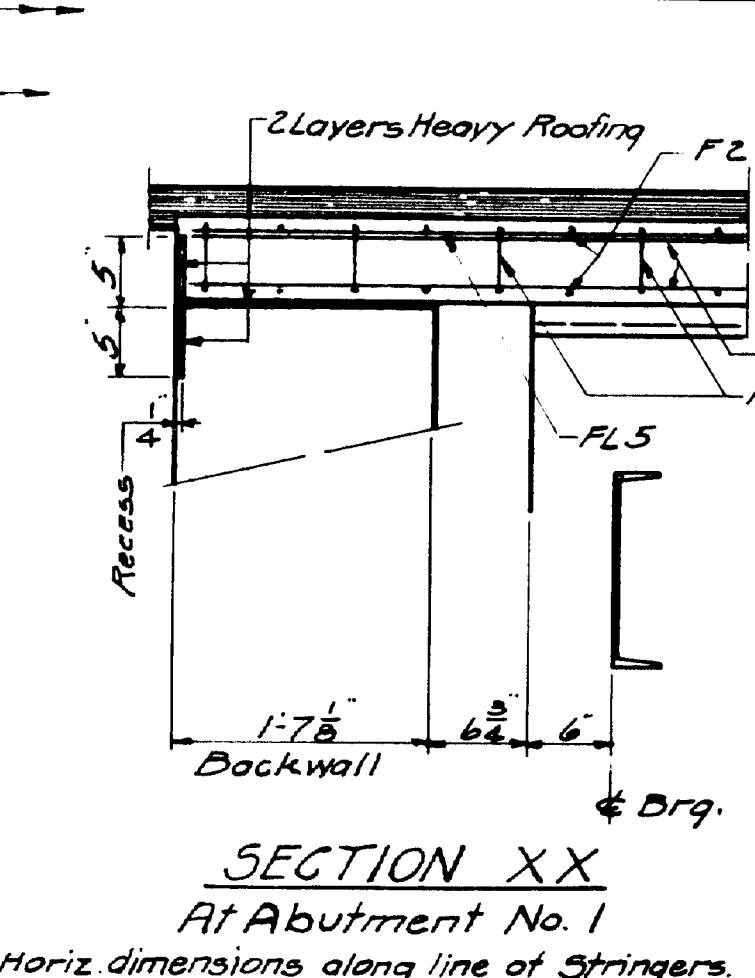
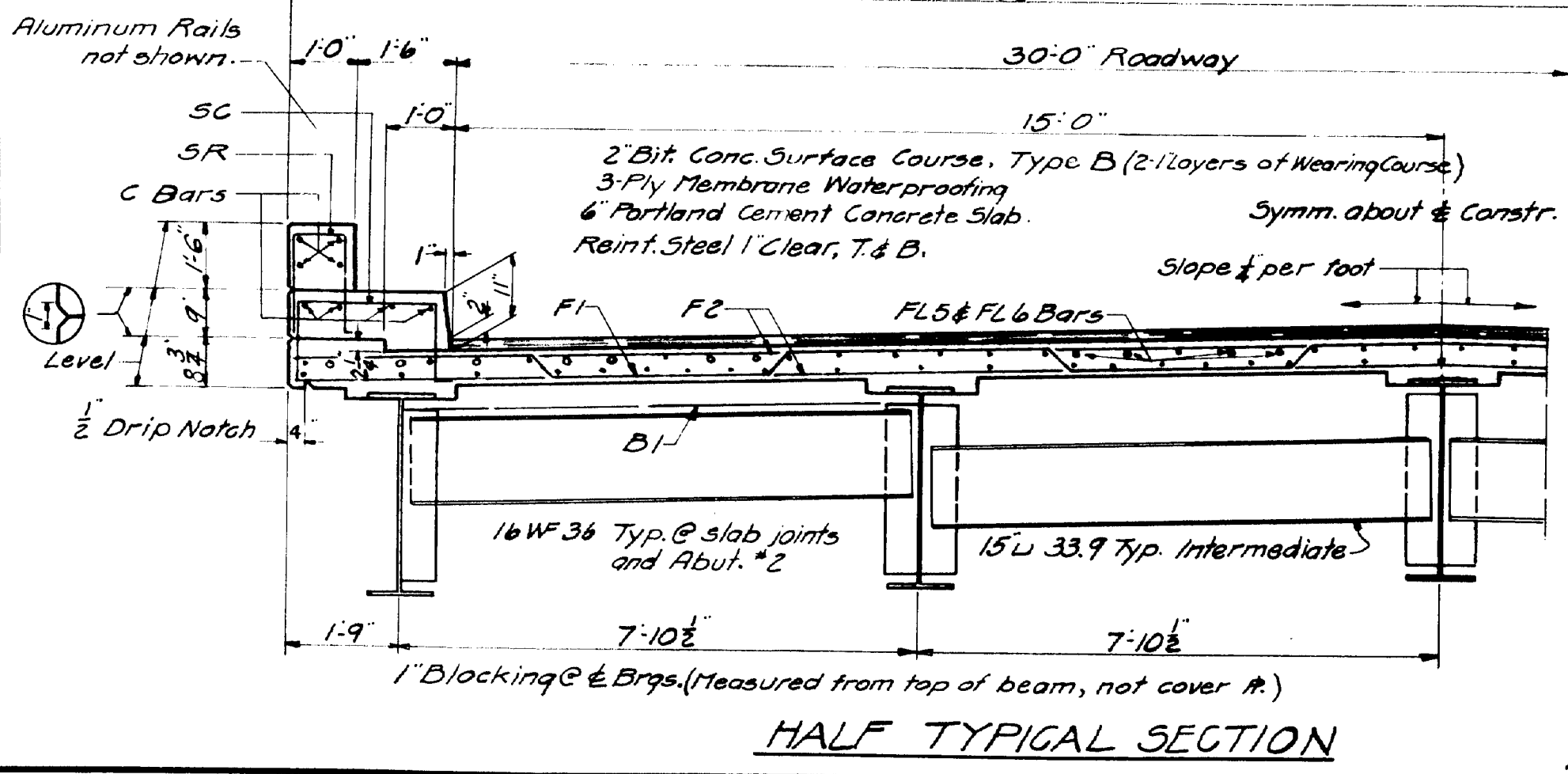
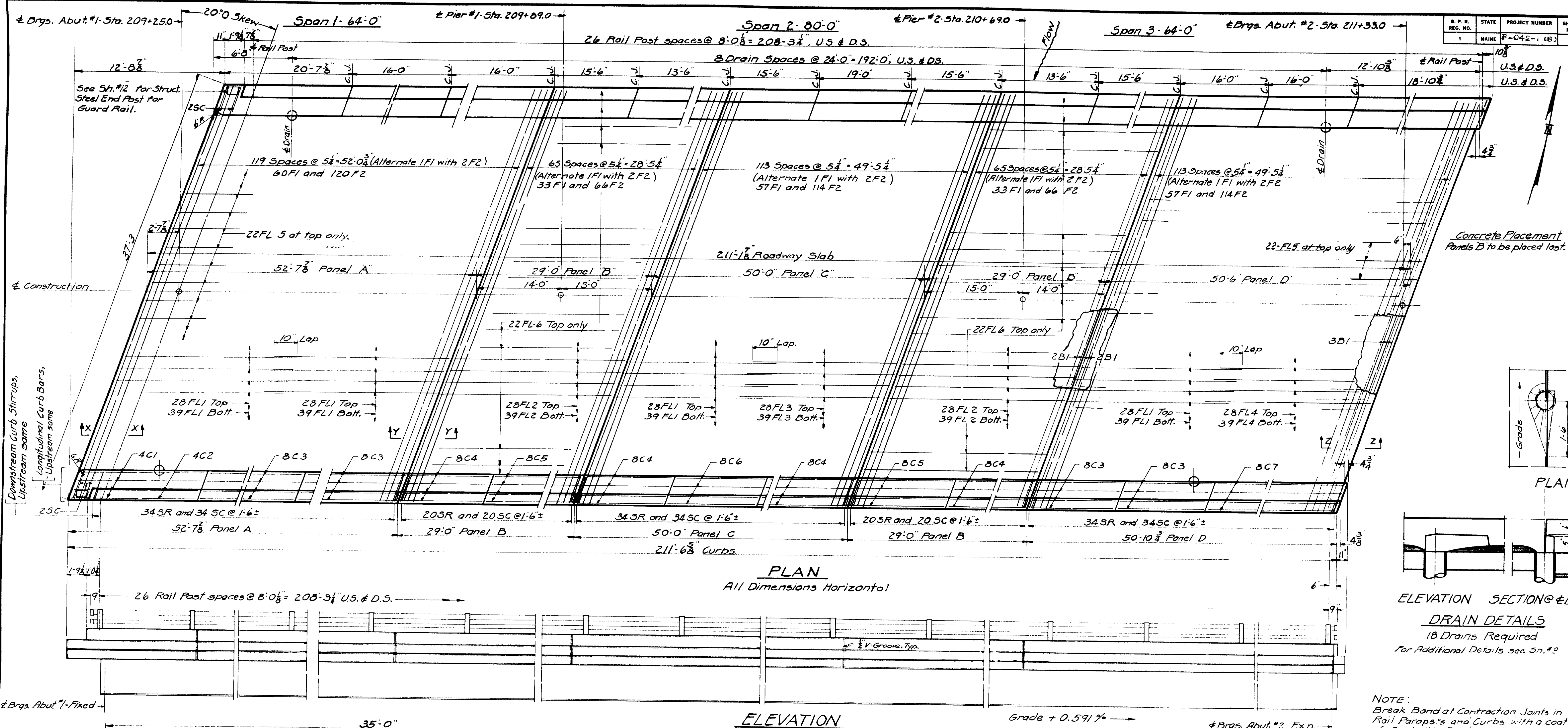
TYPICAL SECTION
Normal to abutments

Note: There shall be no stones in the granular borrow below the bottom of the abutment footings larger than 6".
Payment for placing the Ledge Fill will be included in the price for Rock Excavation.

DESIGN - R.A.S. TRACE - B.W.C. CHECK - J.H.C.	BRIDGE NO. SURVEY PLOT
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
NARRAMISSIC RIVER BRIDGE	
IN THE TOWN OF ORLAND HANCOCK COUNTY	
GENERAL PLAN & ELEVATION	
SHEET 1 OF 12 AUGUSTA, MAINE AUG. 1959	

M-1281





ELEVATION SECTION @ DRAIN
DRAIN DETAILS
 18 Drains Required
 For Additional Details see Sht. #9

NOTE:
 Break Bond at Contraction Joints in Rail Parapets and Curbs with a coat of Asphaltic Paint.
 Construct 1/2" V-Grooves at joints of interior, top, and exterior faces of rail parapet & curb. Joints to be plumb.
 Place Curb & Rail Parapet reinforcing to clear Drains & Rail Post Anchor Bolts. All Dimensions are Horizontal.
 Concrete for Curbs shall not be placed until concrete for superstructure slab has been in place for 7 days.

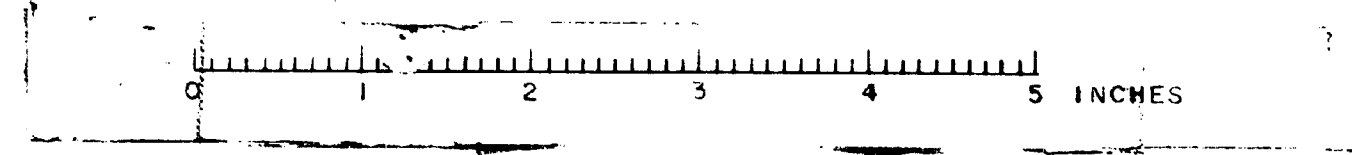
DESIGN - STALLER-DET. JONES
 TRACE - JONES
 CHECK - JONES

BRIDGE NO. SURVEY - PLOT -

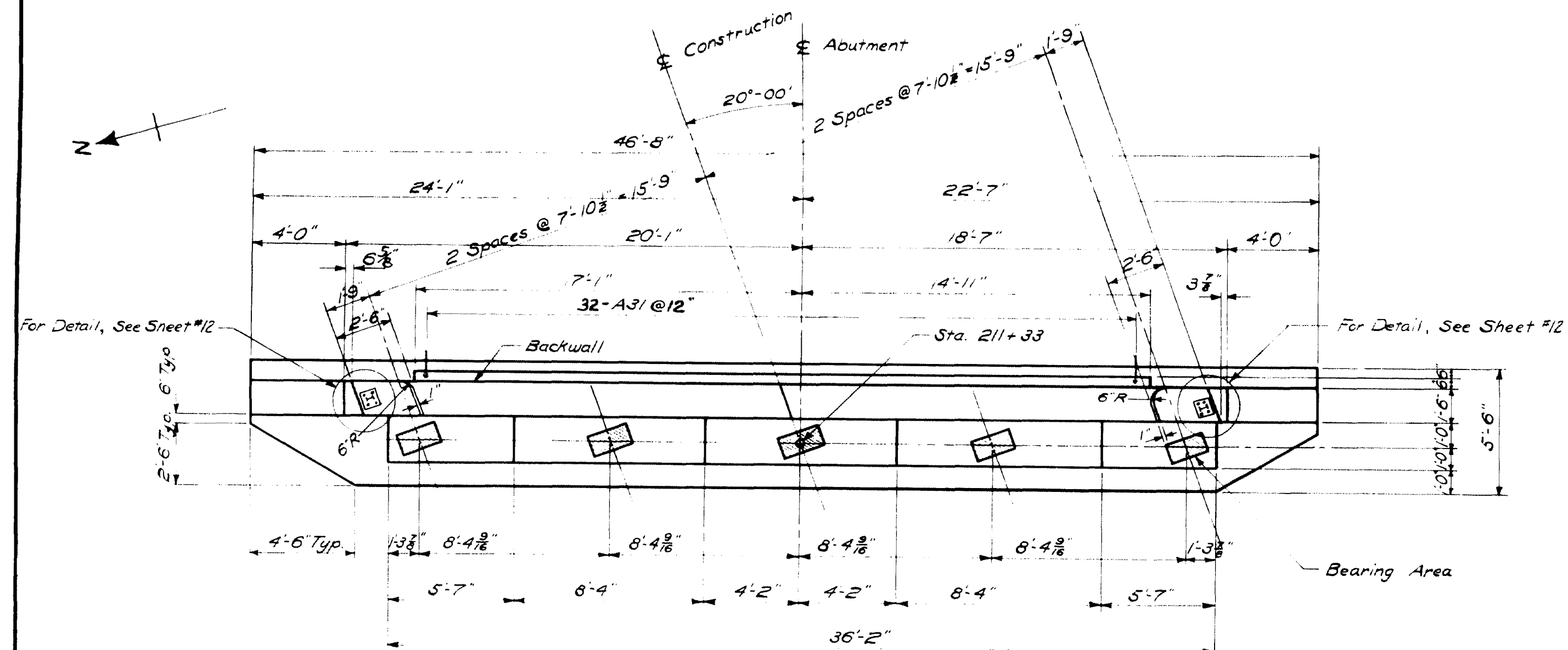
STATE HIGHWAY COMMISSION
 BRIDGE DIVISION

NARRAMISSIC RIVER BRIDGE
 IN THE TOWN OF
ORLAND
HANCOCK COUNTY
 SUPERSTRUCTURE

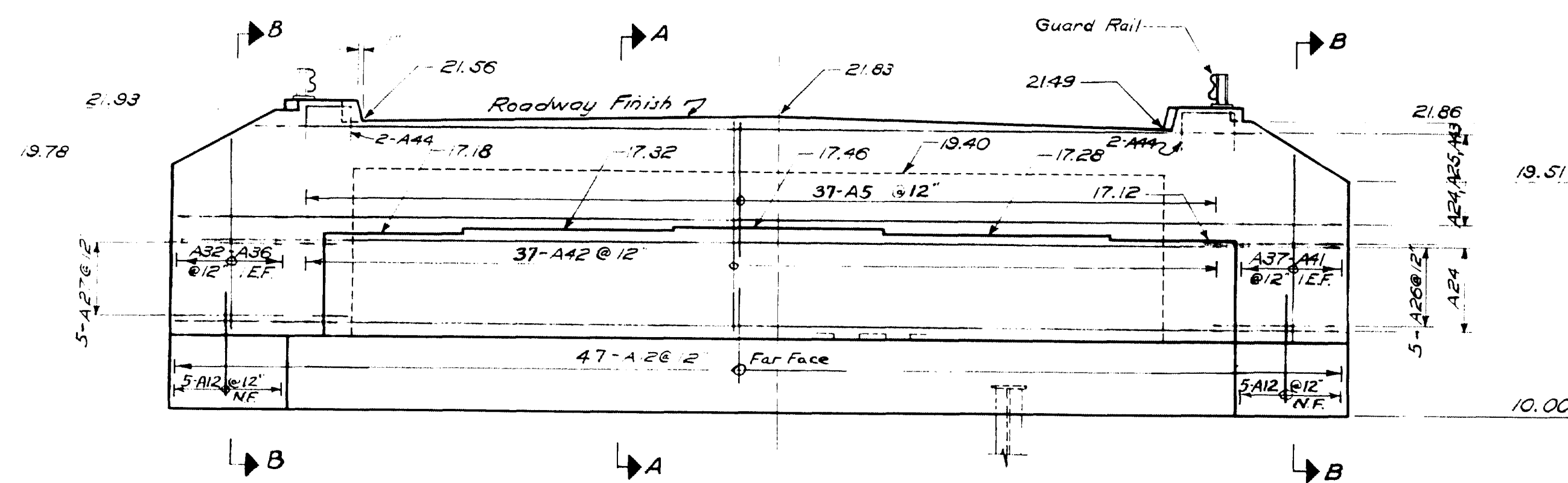
SHEET 10 OF 12 AUGUSTA, MAINE AUGUST, 1959



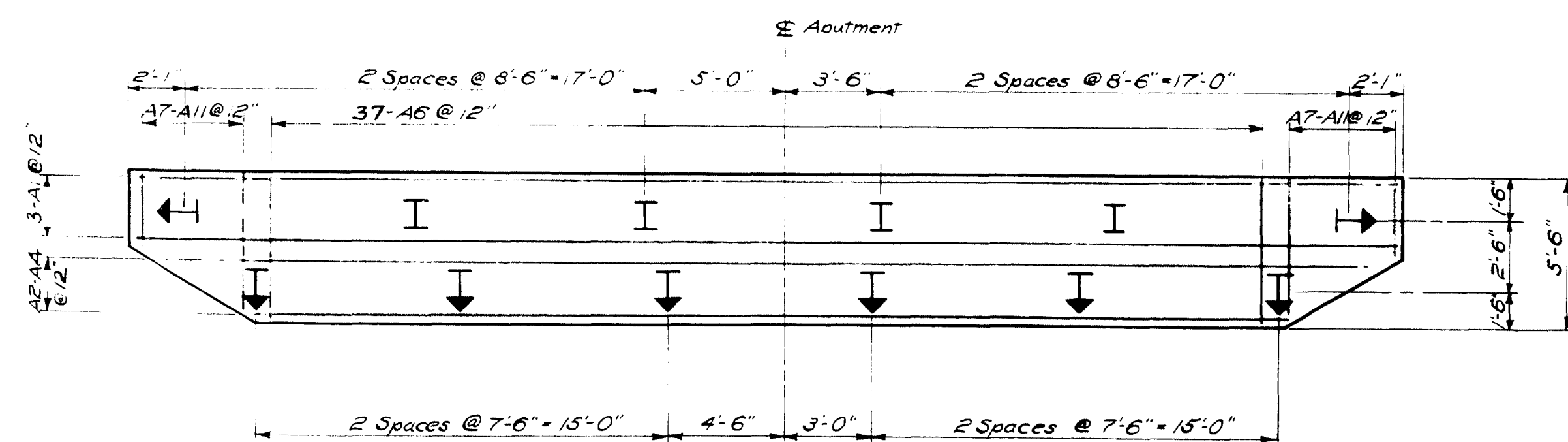
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	P-042-1 (B)	16	93



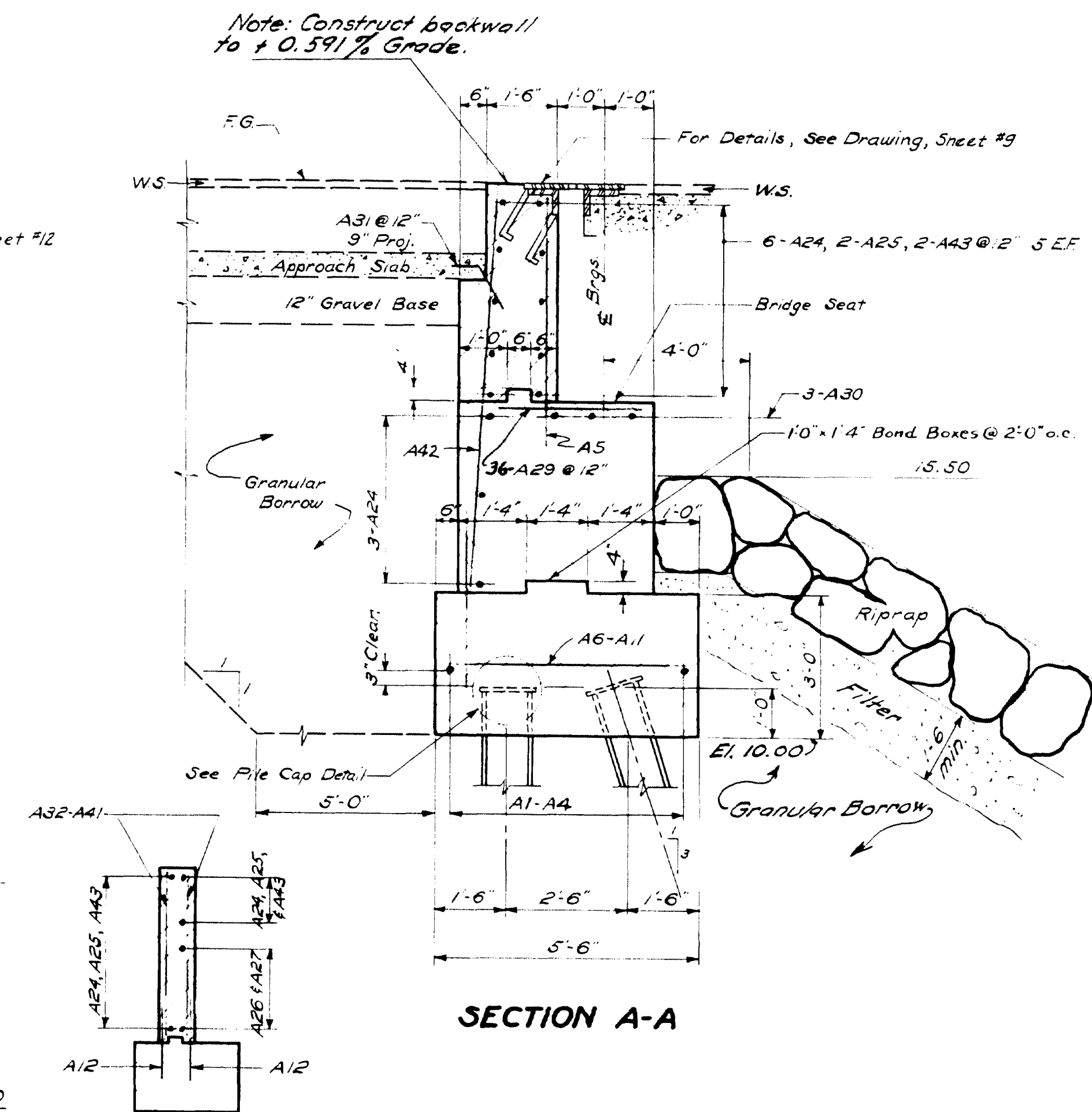
PLAN



ELEVATION



PILE PLAN



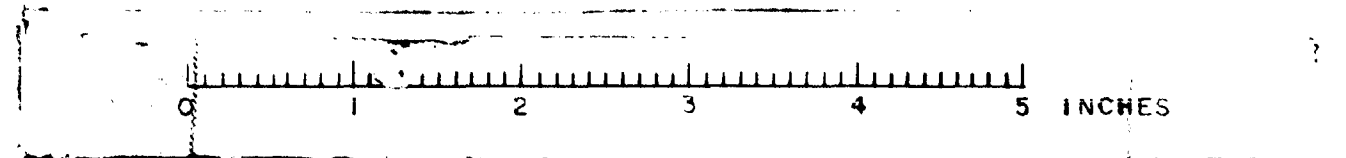
SECTION B-B

NOTE:

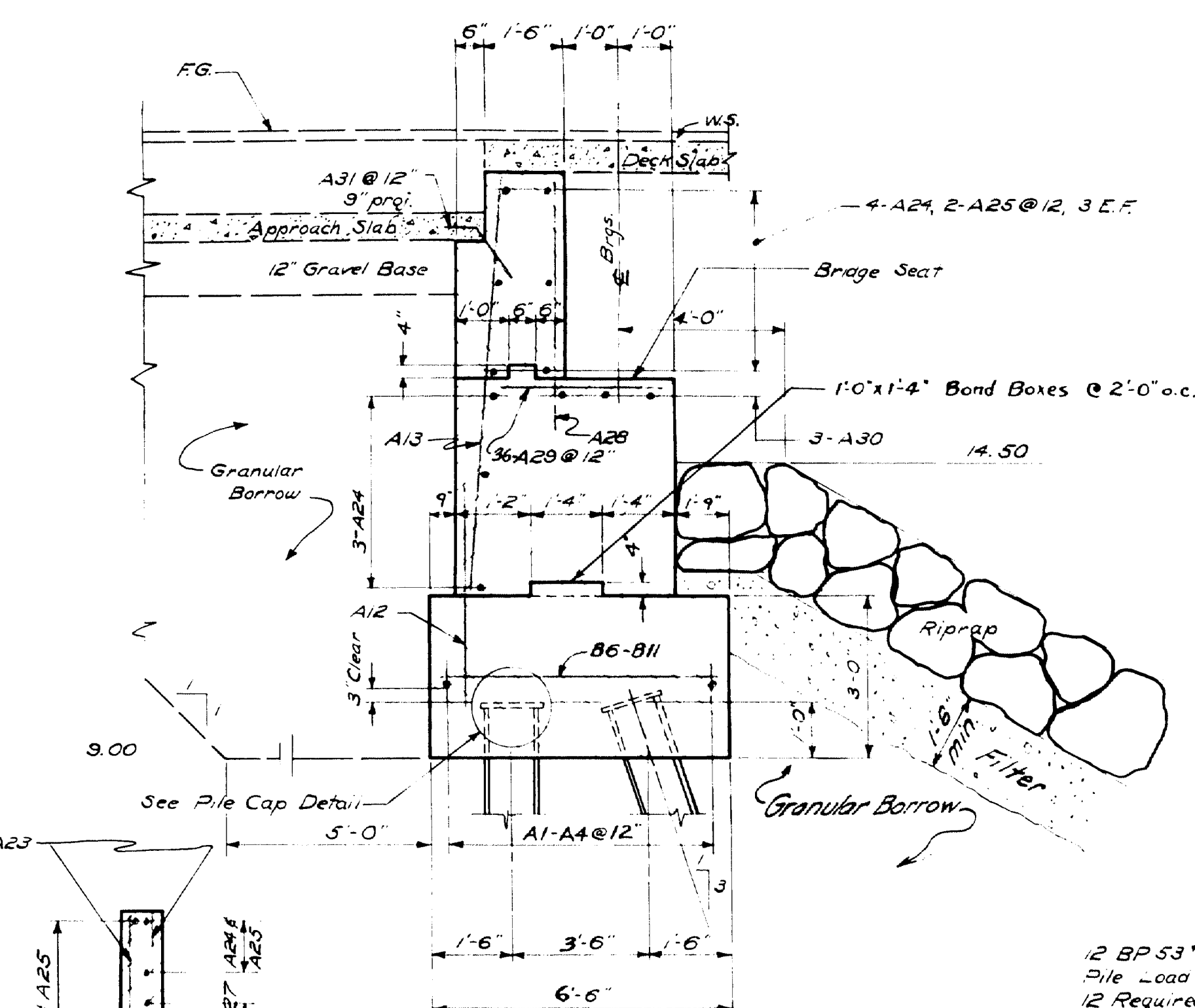
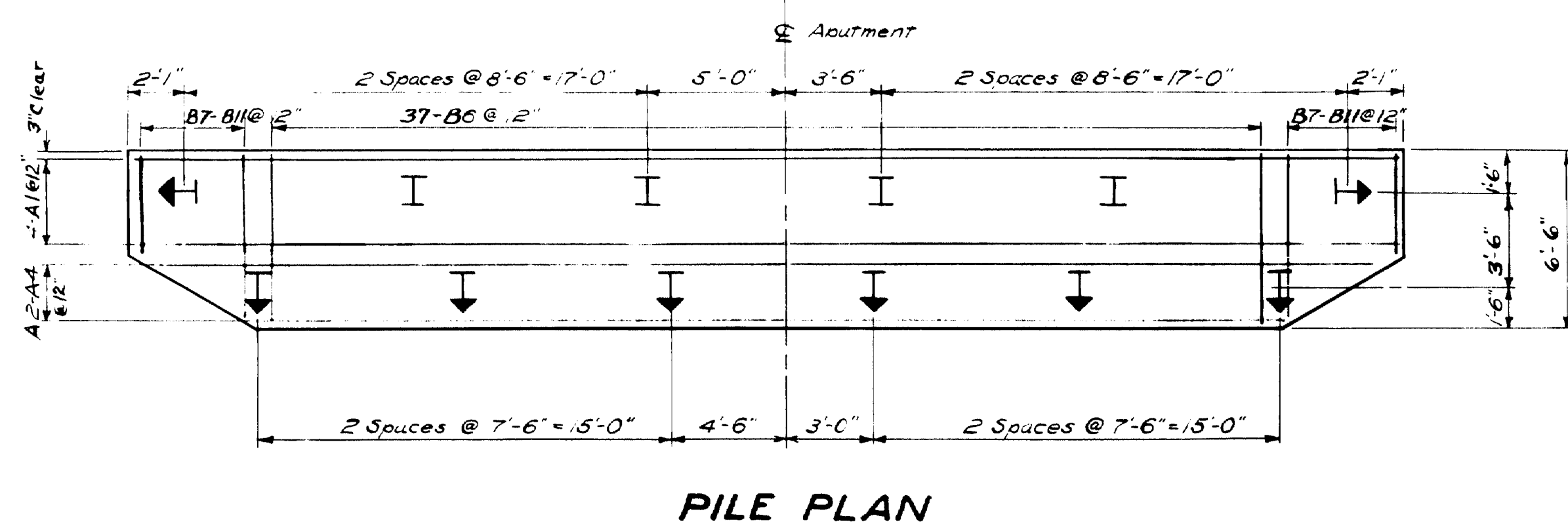
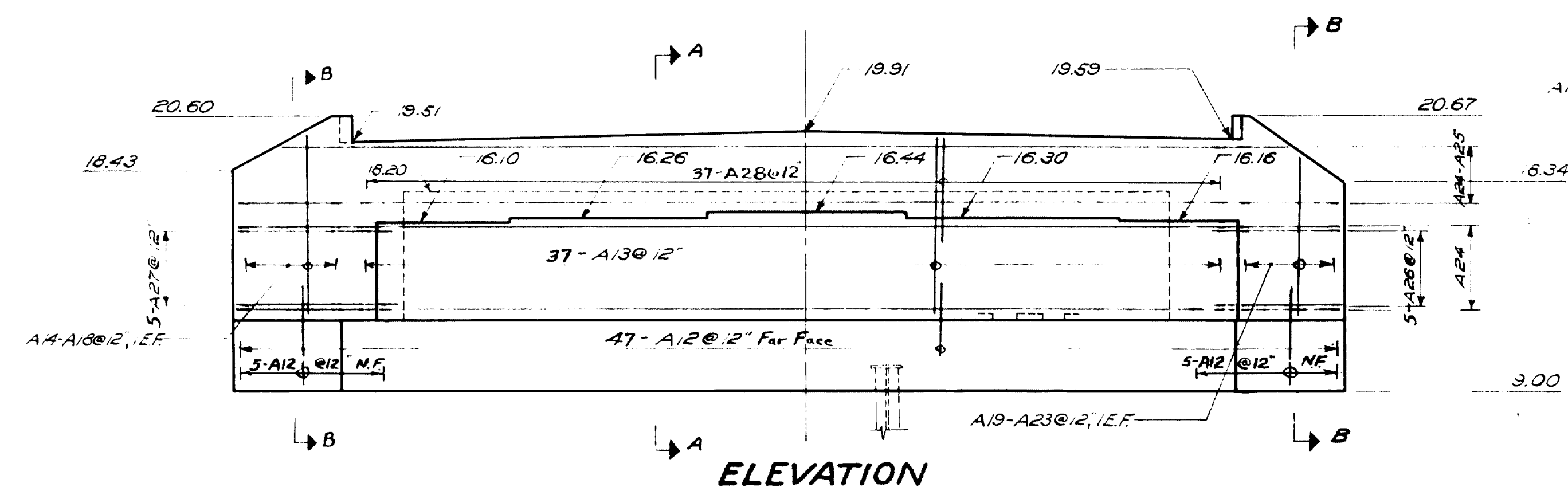
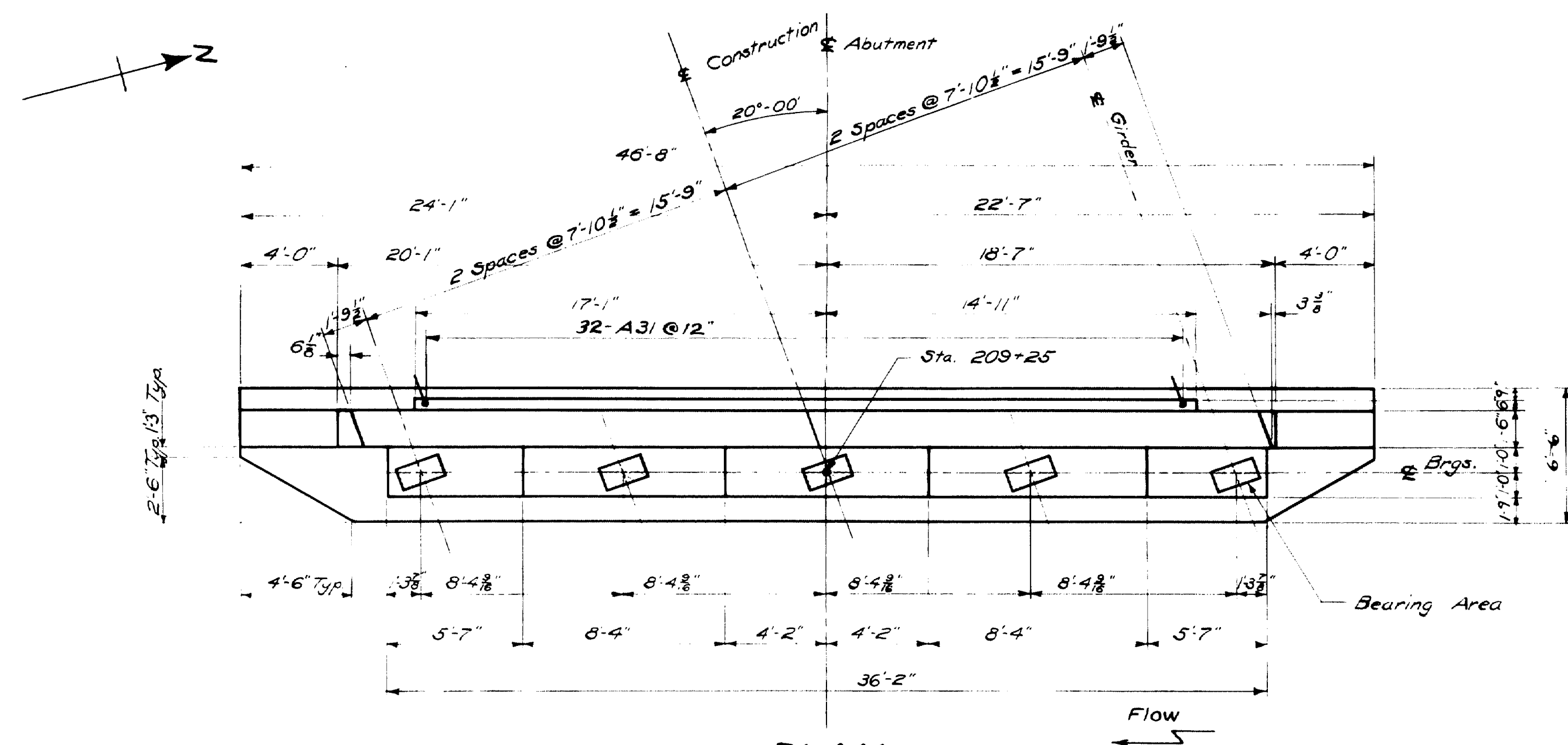
See General Notes and Pile Notes on Abutment #1 Drawing.
See Pile Cap Detail on Abutment #1 Drawing.

DESIGN - R. A. S. TRACE - H. SIMMONS CHECK - <i>[Signature]</i>	BRIDGE NO. SURVEY PLOT
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
NARRAMISSIC RIVER BRIDGE	
IN THE TOWN OF ORLAND HANCOCK COUNTY	
ABUTMENT NO. 2	
SHEET 7 OF 12	AUGUSTA, MAINE AUG. 1959

M-1287

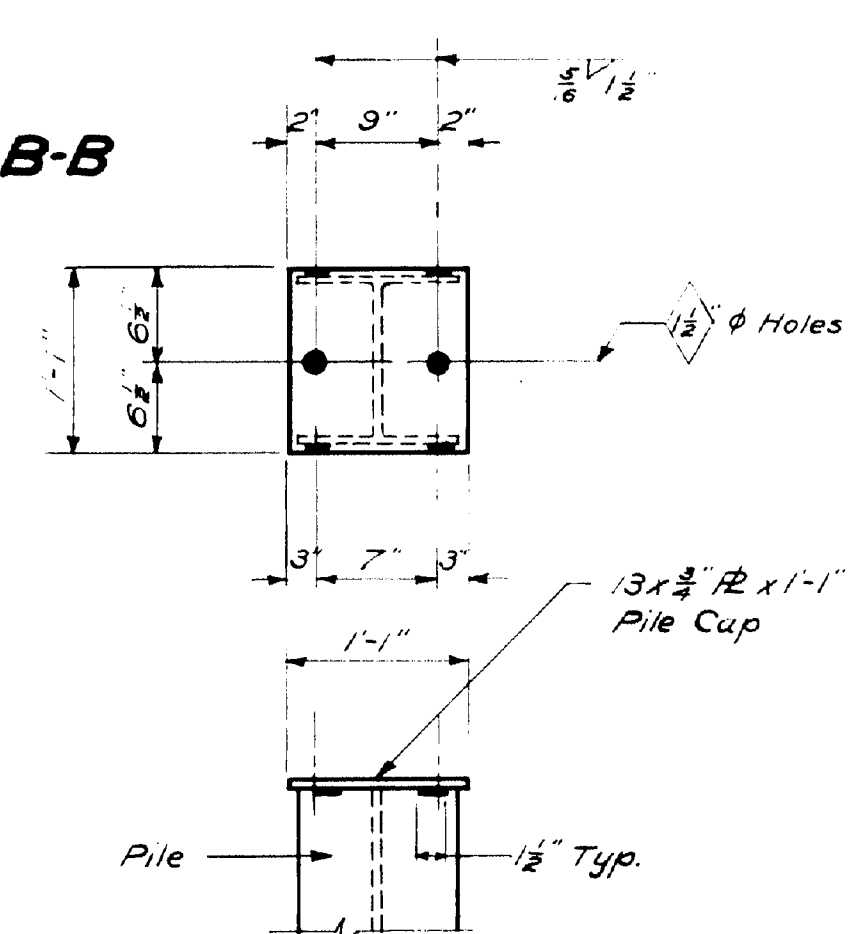


S. P. R.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	F-45-1 (R)	14	93



SECTION A-A

SECTION B-B



PILE CAP DETAIL

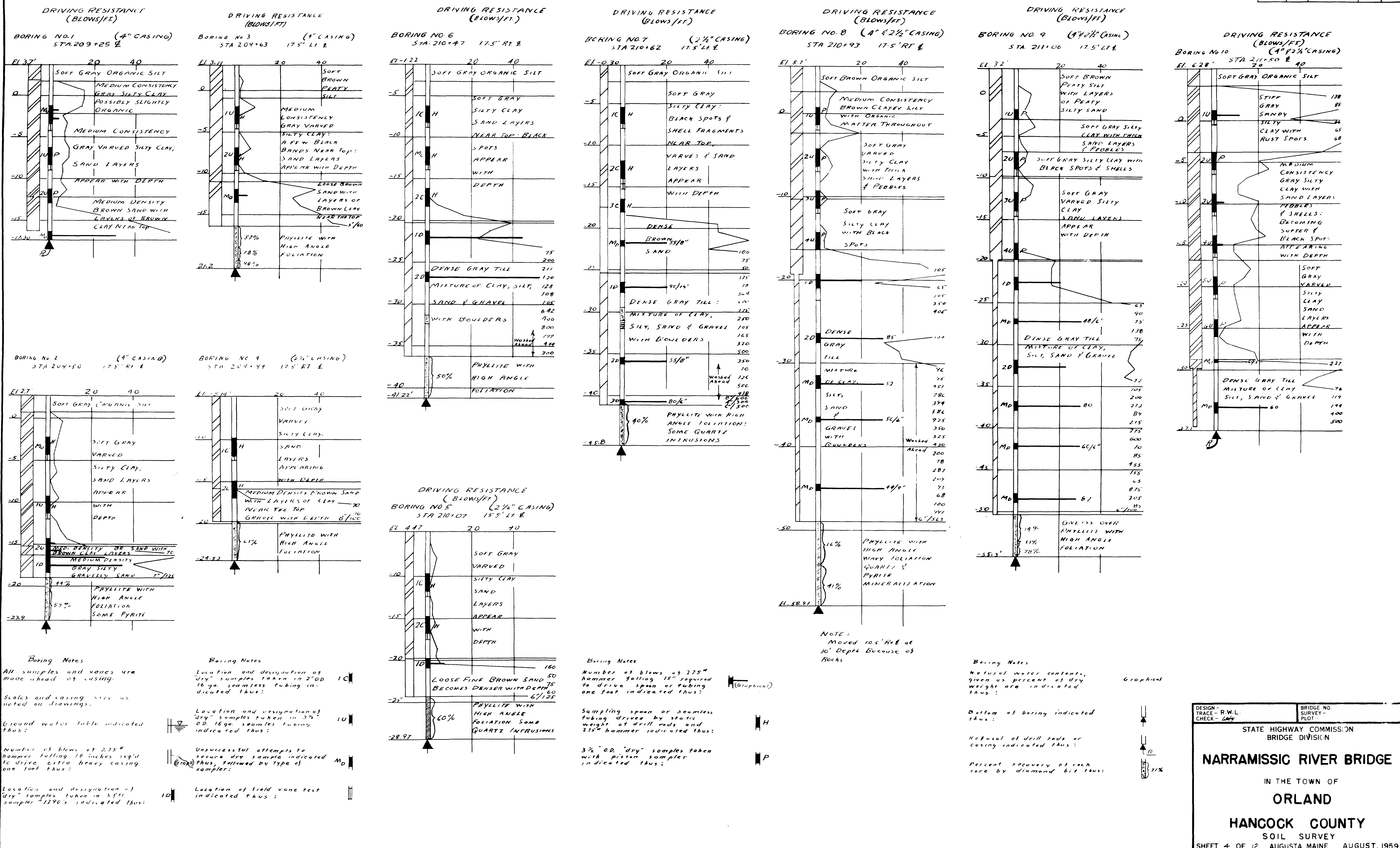
PILE NOTES
 12 BP 53" Steel H Piles
 Pile Load = 46 Tons
 12 Required - About "1" - Estimated Length = 30'-0"
 12 Required - About "2" - Estimated Length = 50'-0"
 Pile shown thus $\rightarrow$ to be battered 3 on 1 in the direction indicated by the arrow.

GENERAL NOTES
 Place Reinf. Steel in Bridge Seats to clear anchor bolts. Dress shaded Bearing Areas 1" larger all around than the Masonry Plates to the exact elevations shown.
 Cover the backsides of $\frac{3}{8}$ " coin joints and the joint between backwall and superstructure slab with two layers of heavy roofing 10 inches wide, cemented on all contact surfaces with a suitable grade of asphalt cement. Recess the areas to be covered $\frac{1}{2}$ " deep. See Section X-X, sheet #10.
 3" minimum cover for reinforcing bars.

DESIGN - R. A. S.	BRIDGE NO.
TRACE - H. SIMMONS	STATE HIGHWAY COMMISSION
CHECK - <i>[Signature]</i>	BRIDGE DIVISION
NARRAMISSIC RIVER BRIDGE	
IN THE TOWN OF	
ORLAND	
HANCOCK COUNTY	
ABUTMENT NO. 1	
SHEET 5 OF 12	AUGUSTA, MAINE AUG. 1959

M-1285





DESIGN - R.W.L.
CHECK - C.W.

BRIDGE NO. SURVEY - PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

NARRAMISSIC RIVER BRIDGE

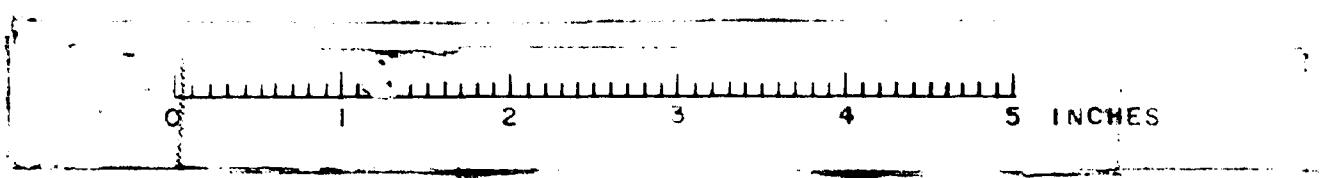
IN THE TOWN OF
ORLAND

HANCOCK COUNTY

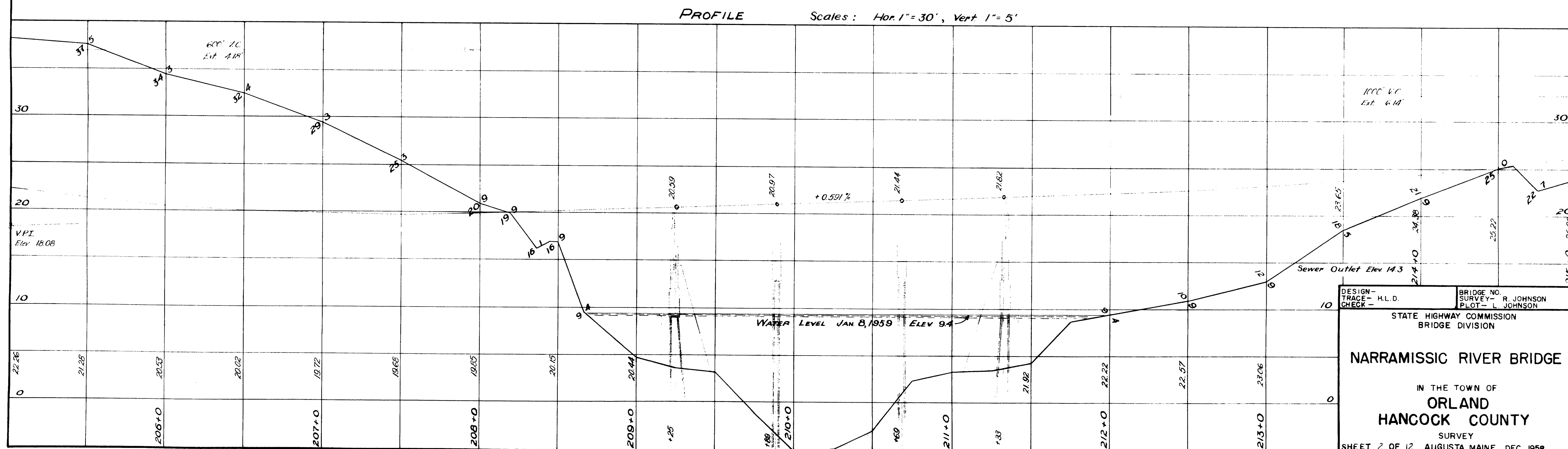
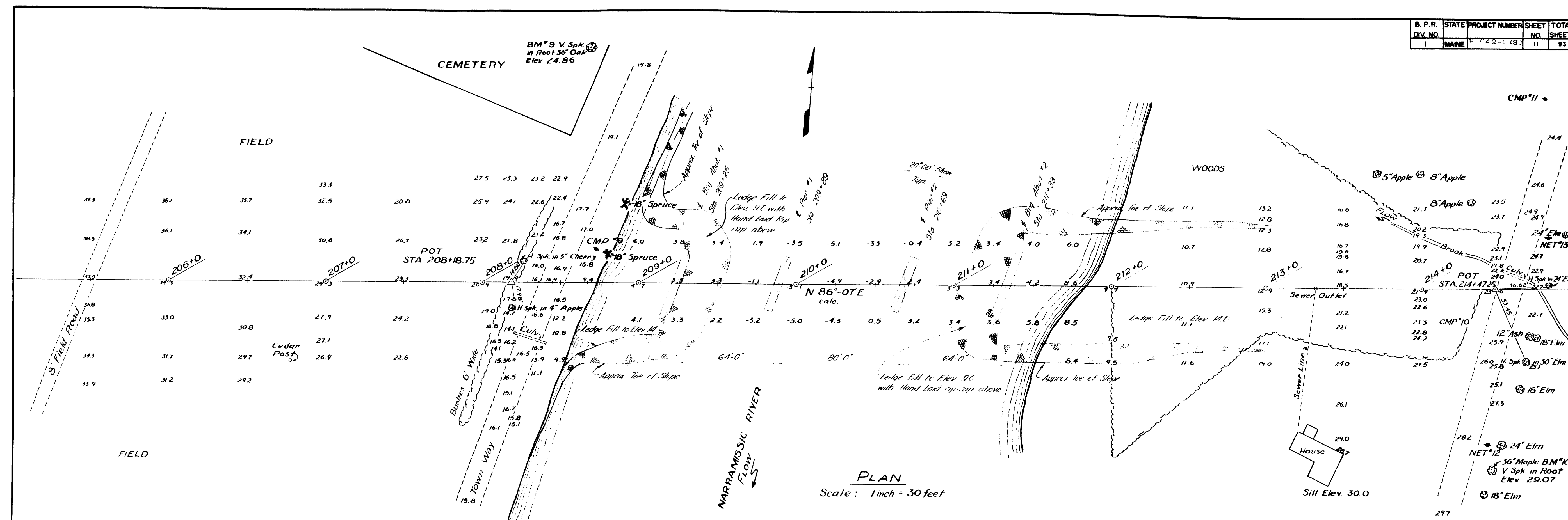
SOIL SURVEY

SHEET 4 OF 12 AUGUSTA, MAINE AUGUST, 1959

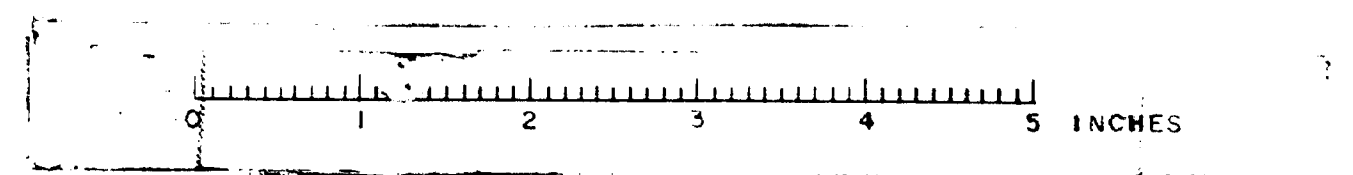
M-1284

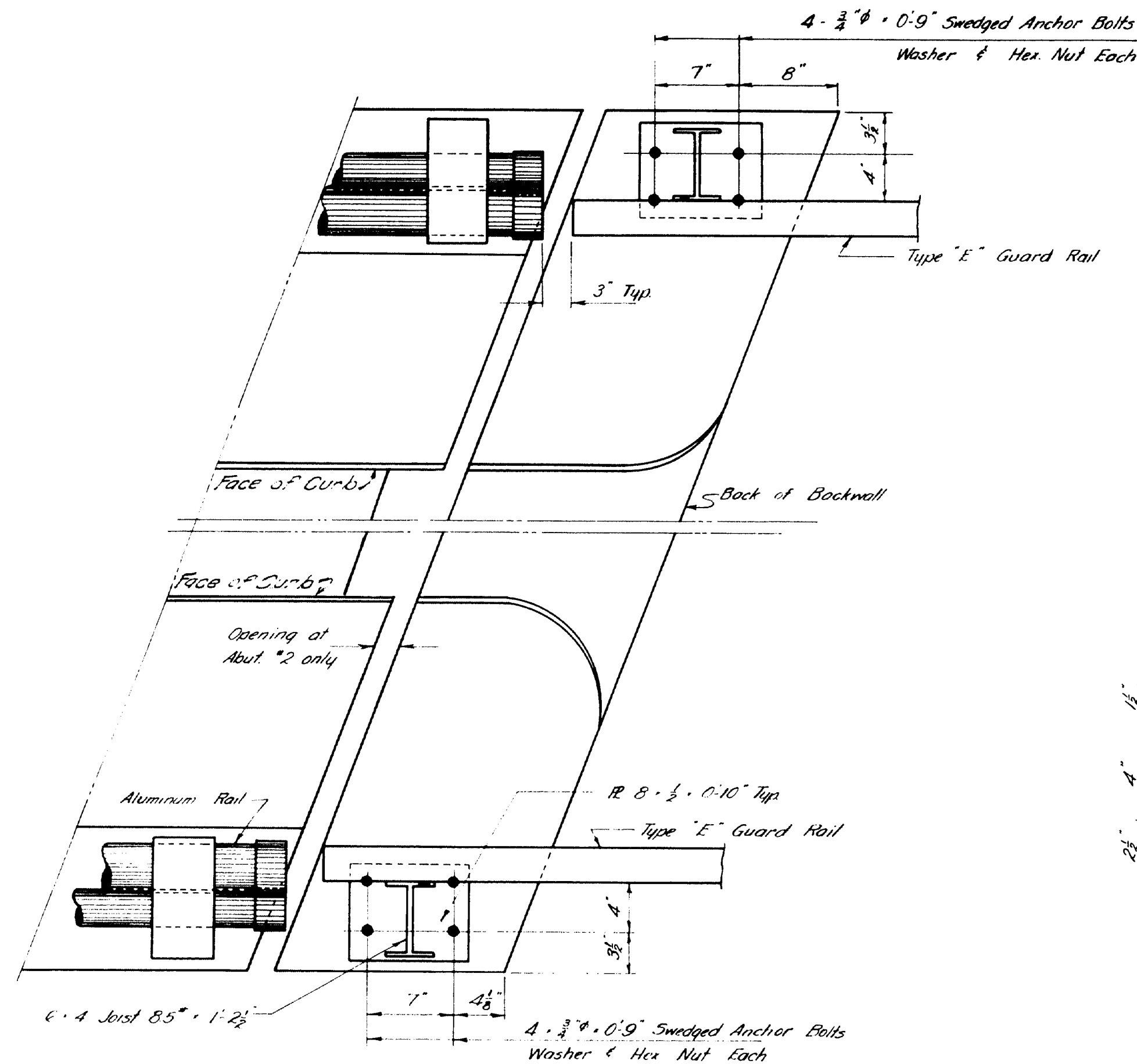


B. P. R.	STATE	PROJECT NUMBER	SHEET	TOTAL
DIV. NO.			NO.	SHEET
1	MAINE	F-042-1 (8)	11	93

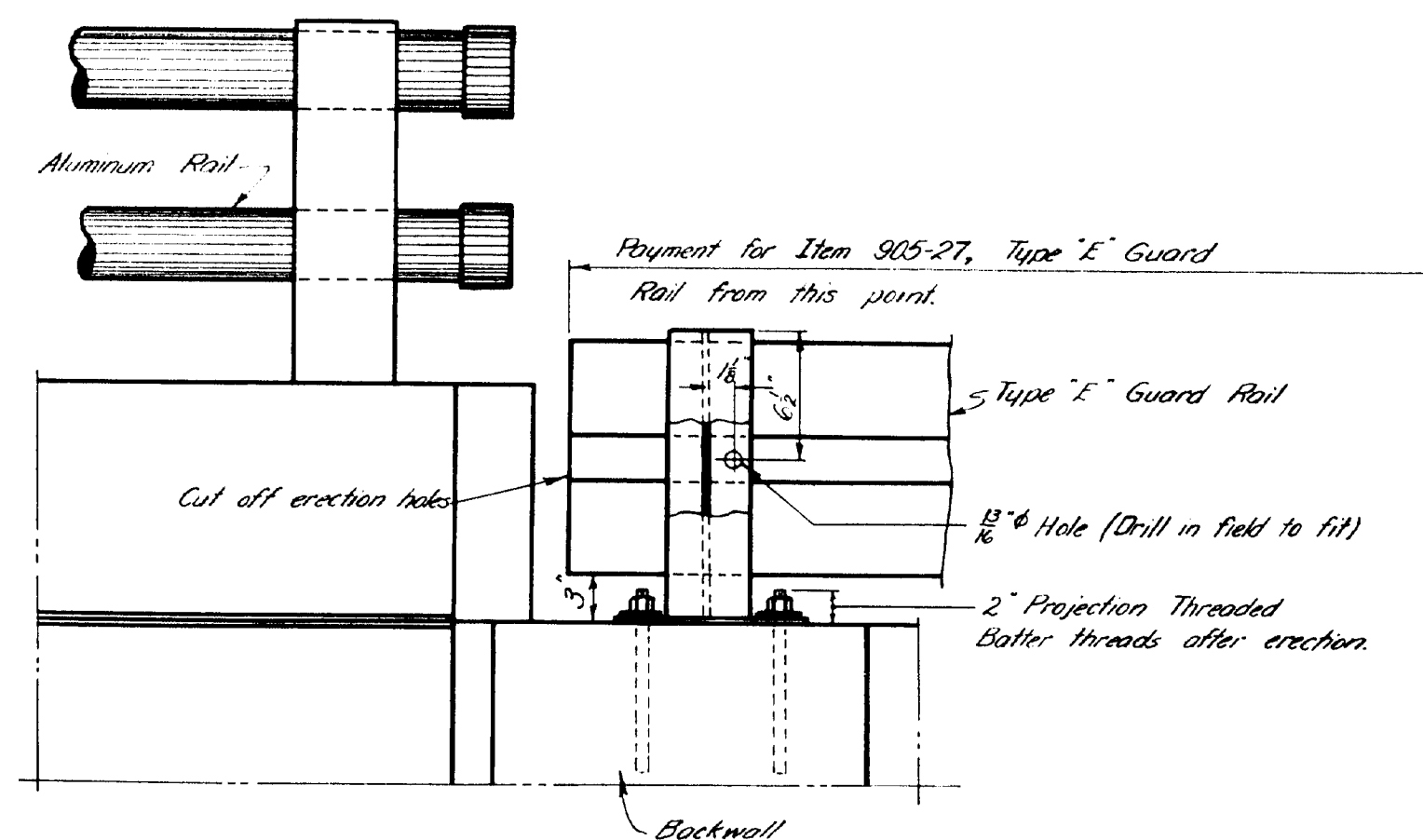


M-1282



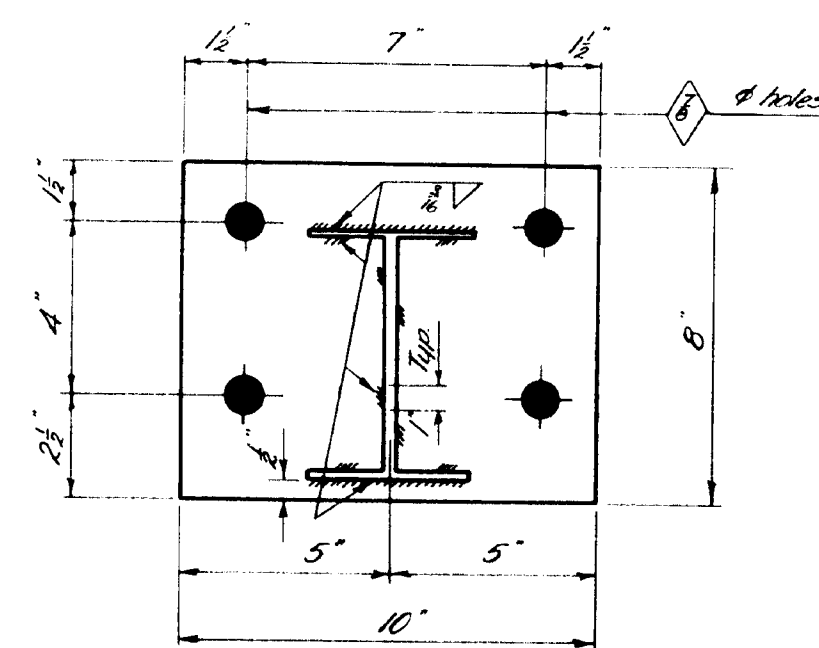


~ PLAN @ ABUTMENT #2 ~
Abutment #1 Similar except as noted



~ ELEVATION ~

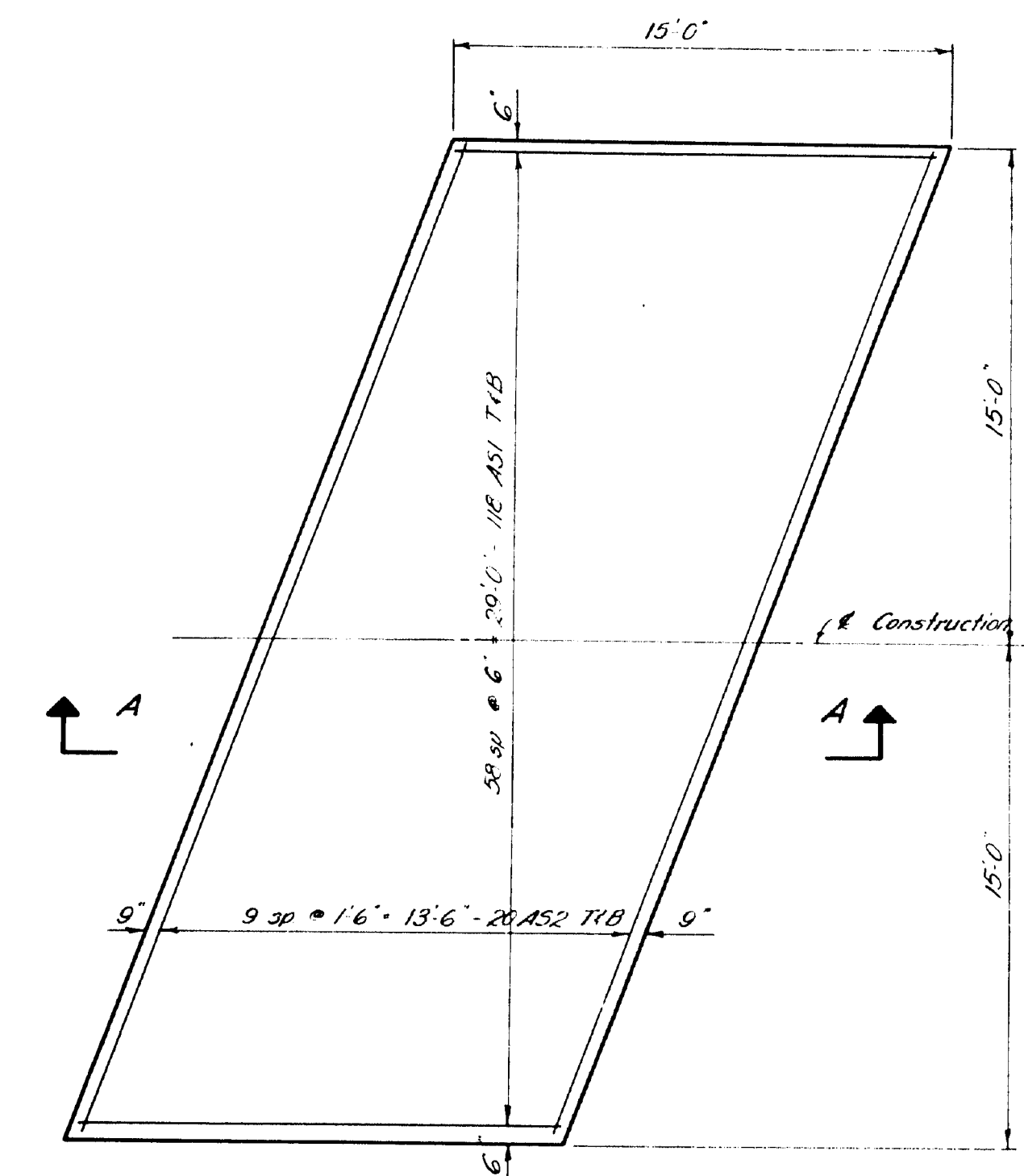
~ DETAIL - END GUARD RAIL POST ~
4 required



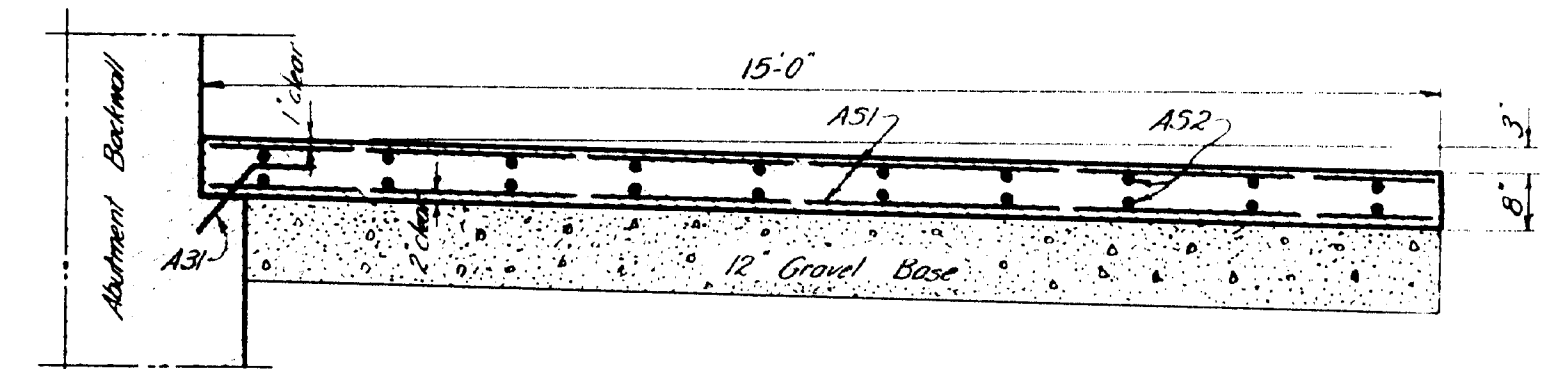
~ BASE PLATE ~
8 $\times$ 10 $\times$ $\frac{1}{2}$ detailed as shown
4 required

NOTE:

Payment for 8 $\times$ 10 Base Plates, 6 $\times$ 4 End Joists, and $\frac{3}{8}$ " ϕ $\times$ 0.9" Swedged Bolts to be paid for under Item 702-103, Structural Steel, Fabricated and Delivered, and Item 702-104, Structural Steel, Erection.



~ PLAN ~



~ SECTION A-A ~

~ APPROACH SLAB @ ABUT. #2 ~
Abut. #1 Retained 180"

NOTE:

Concrete in approach slabs to be paid for under Item 701-40, Portland Cement Concrete, Roadway and Sidewalk Slabs on Steel Bridges.

DESIGN - SHALER	DET. - LIBBY	BRIDGE NO.
TRACE - FOSTER	SURVEY -	
CHECK -	PLOT -	
STATE HIGHWAY COMMISSION BRIDGE DIVISION		
NARRAMISSIC RIVER BRIDGE		
IN THE TOWN OF		
ORLAND		
HANCOCK COUNTY		
END GUARD RAIL POST & APPROACH SLAB		
SHEET 12 OF 12 AUGUSTA, MAINE AUGUST 1959		

M-1292

