

STATE OF MAINE - STATE HIGHWAY COMMISSION



**INTERSTATE 95
OVER
ROUTE 116
FEDERAL AID PROJECT NO. I-95-8(62) 239
LENGTH = 0.274 MILES**

**INTERSTATE 95
OVER
PENOBSCOT RIVER
FEDERAL AID PROJECT NO. I-95-9(29) 239
LENGTH = 0.245 MILES**

IN THE TOWN OF

MEDWAY PENOBSCOT COUNTY

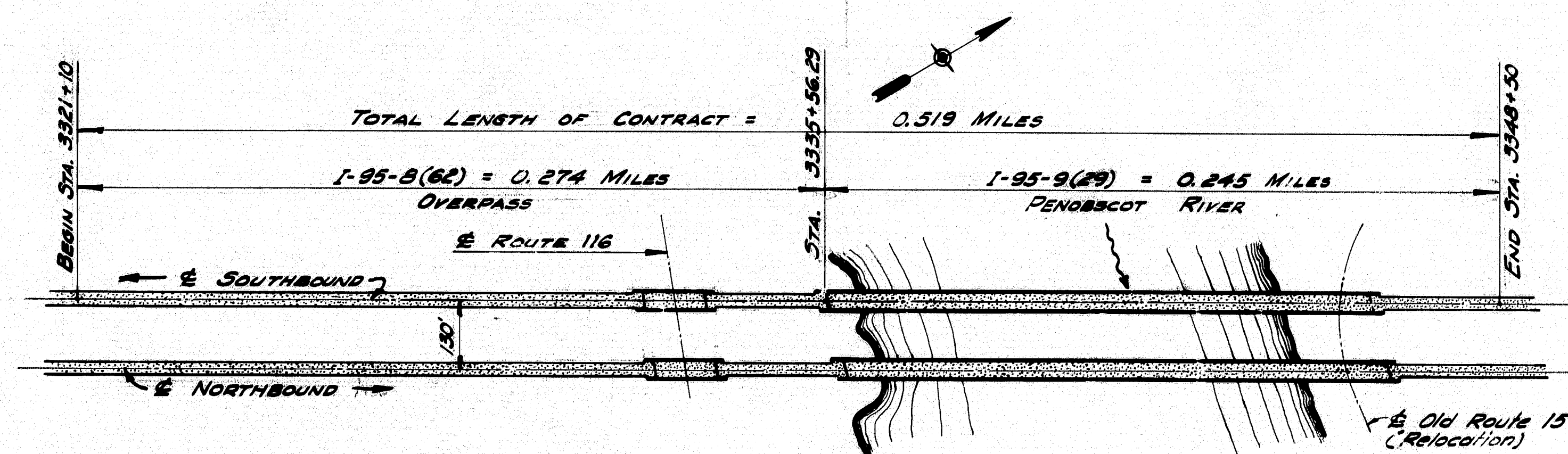
TOTAL LENGTH OF CONTRACT = 0.519 MILES

TRAFFIC

INTERSTATE	ROUTE 116
1966 ADT. 1850	1966 ADT. 290
1986 ADT. 2890	1986 ADT. 490
DHV. 350	DHV. 70
T. 14%	T. 14%
D. 60	D. 60
V. 60 MPH	V. 45 MPH

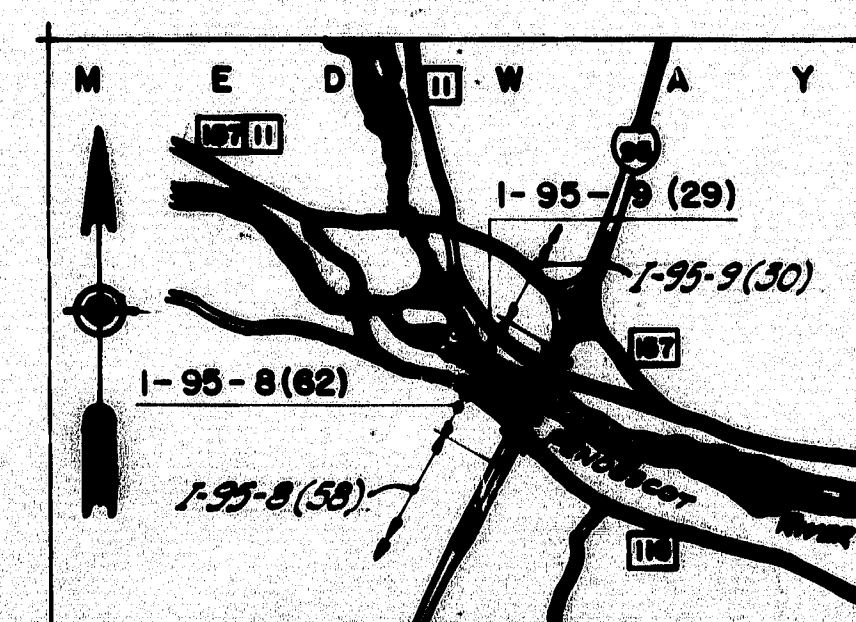
OLD ROUTE 157

1966 ADT. 190
1986 ADT. 295



KEY PLAN

SCALE: 1"=200'



LOCATION MAP

APPROX. SCALE: 1"=1 MILE

NOTE: For Specifications see Sheets 51 & 65

APPROVED
MAINE STATE HIGHWAY COMMISSION

Deirdre Rivers
CHAIRMAN
Carl M. Stephens
VICE CHAIRMAN
Bernard G. Lehoucq
CHIEF ENGINEER
Carlyle...
DATE: Sept. 30, 1964

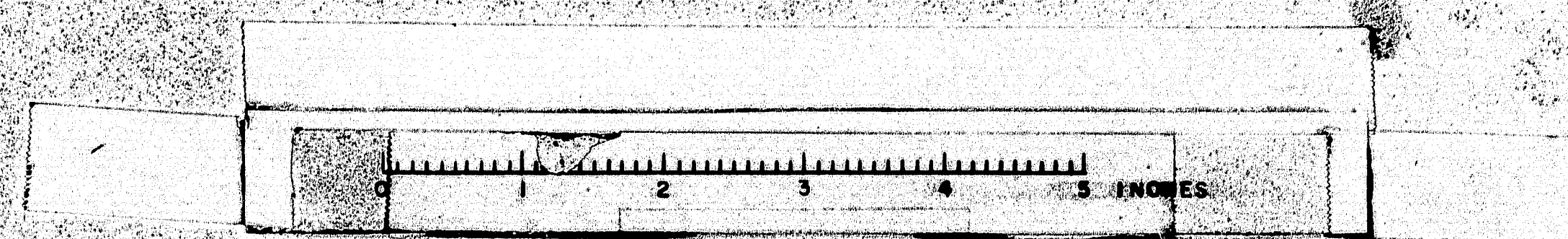
DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

REGION :

APPROVED

DIVISION ENGINEER

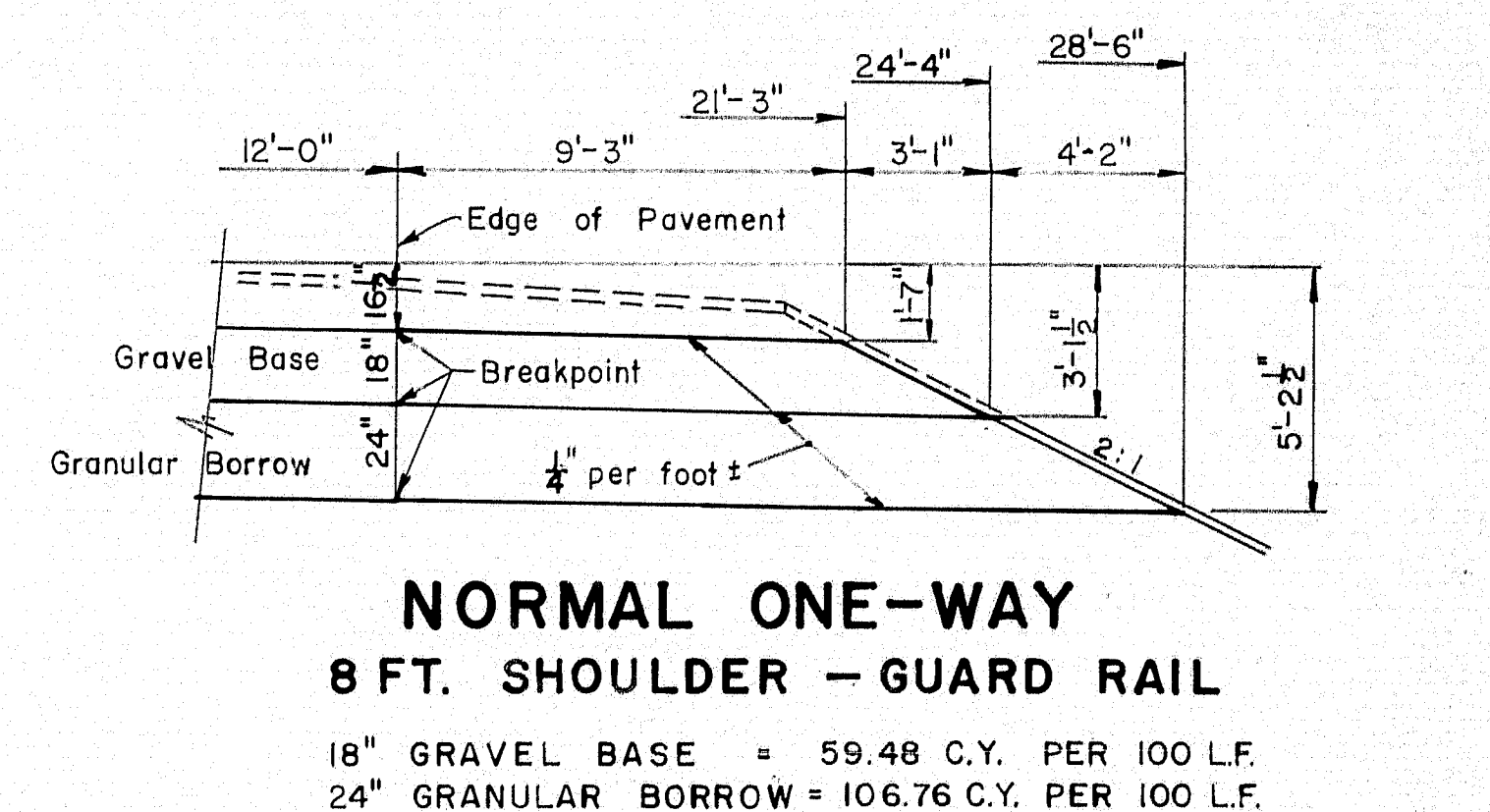
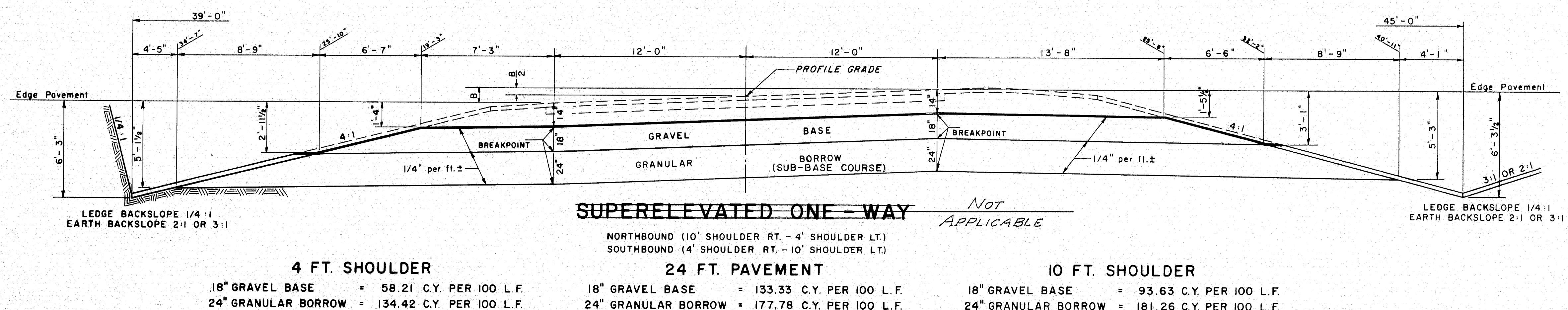
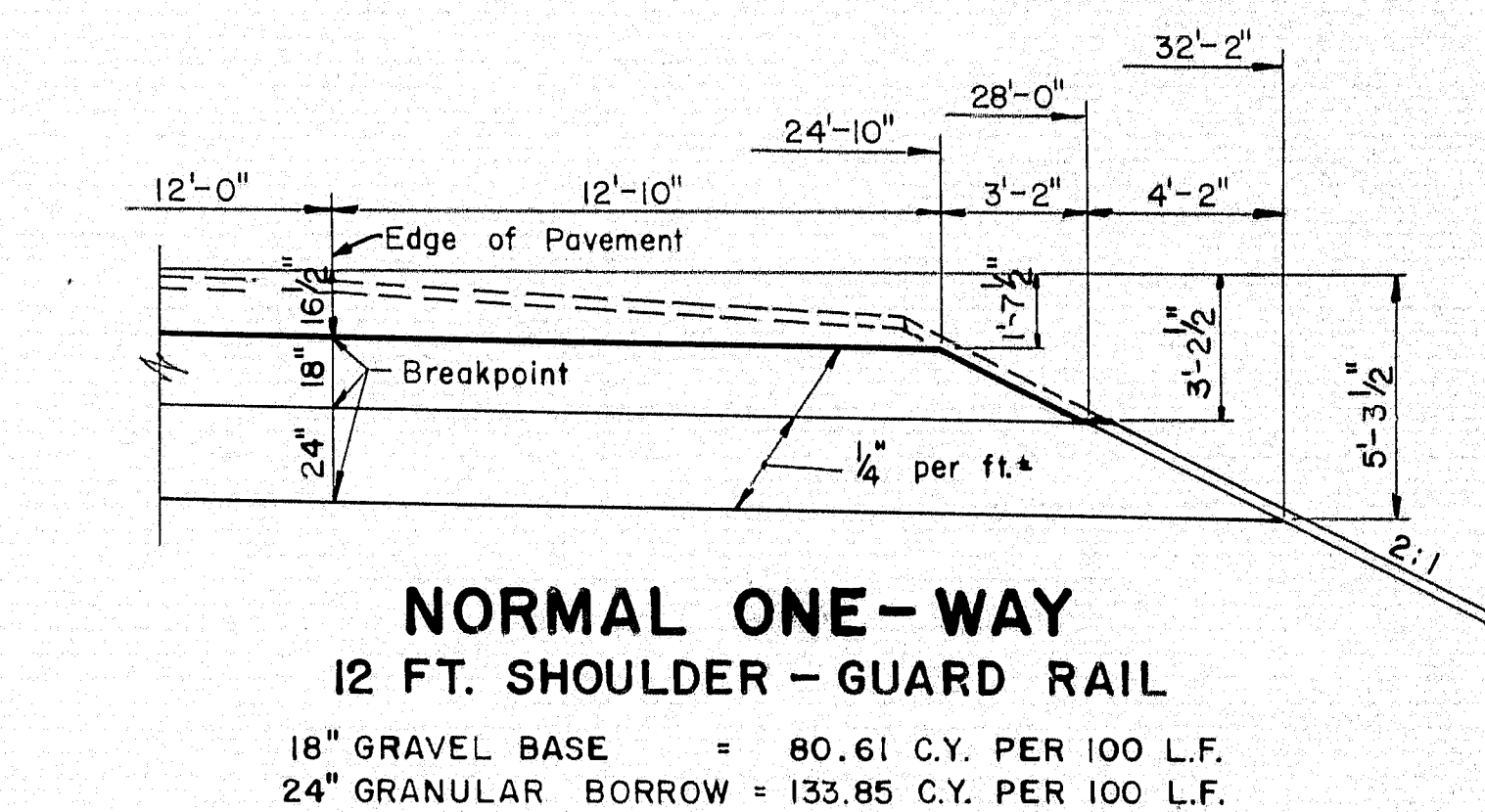
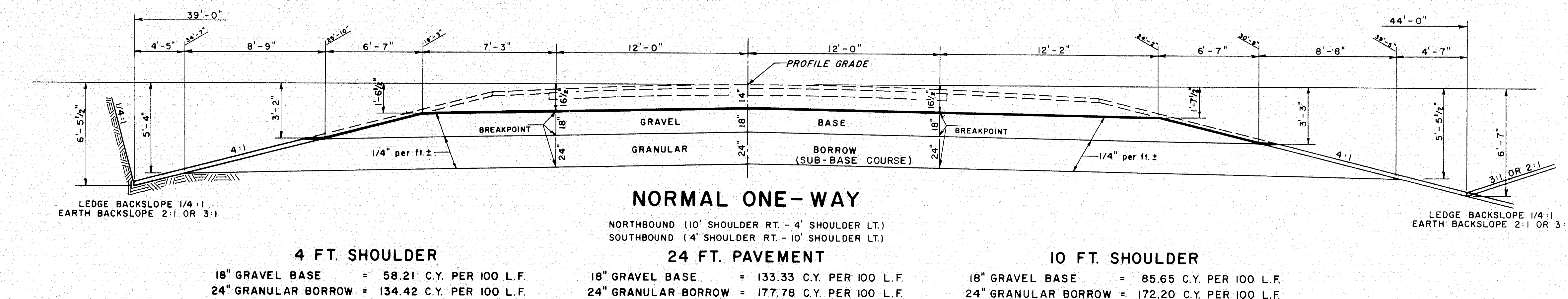
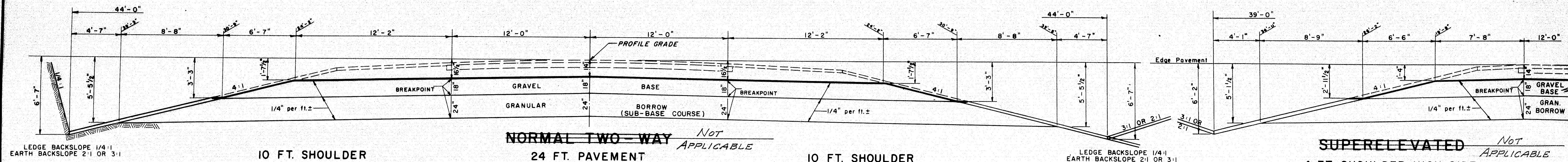
DATE



STAGE CONSTRUCTION — GRADING AND GRAVEL BASE *

18" GRAVEL BASE
24" GRANULAR BORROW SUBBASE

S. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-8 (82)	2	93
		1-95-9 (29)		



NOTE - LOAMING SLOPES

When slopes are specified to be loamed either by the engineer or notes on the plans or sections, they shall be loamed 1/2" to the bottom of the gravel base.

Superelevation shall be as specified in A.A.S.H.O. Policy of Geometric Design of Rural Highways. (e) The maximum superelevation shall not exceed 0.08' per foot width of pavement. All curves shall have full superelevation at the first 50' station occurring a minimum distance of 50' after the P.C. and a minimum distance of 50' before the P.T. When superelevation exceeds 3/4" per foot, inside shoulder shall have same slope as pavement.

NOTE:

For all sections depth of ditch depends on local conditions. Depth of base as shown may be changed to meet local conditions.

*NOTE:

The pavement and base depths as shown on the plans are intended to be nominal.

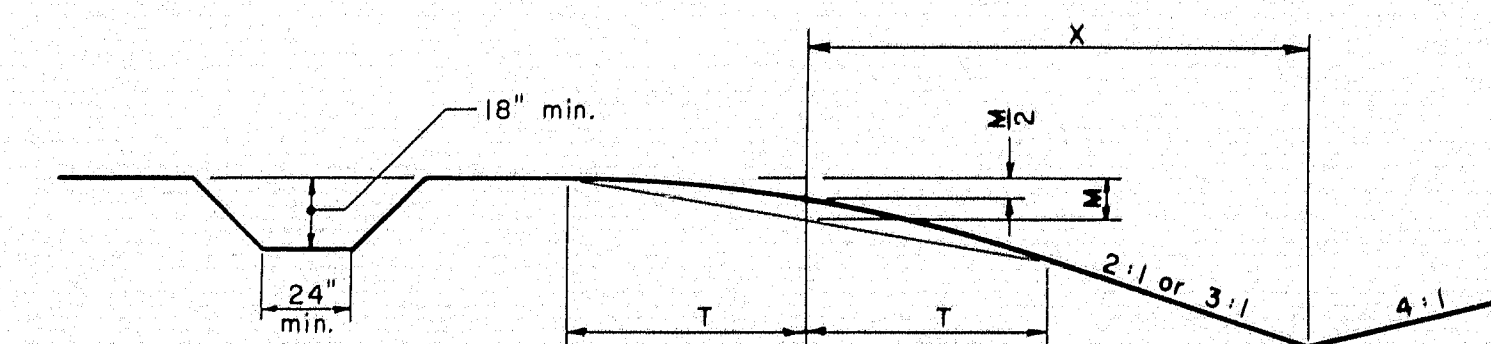
BERM DITCH

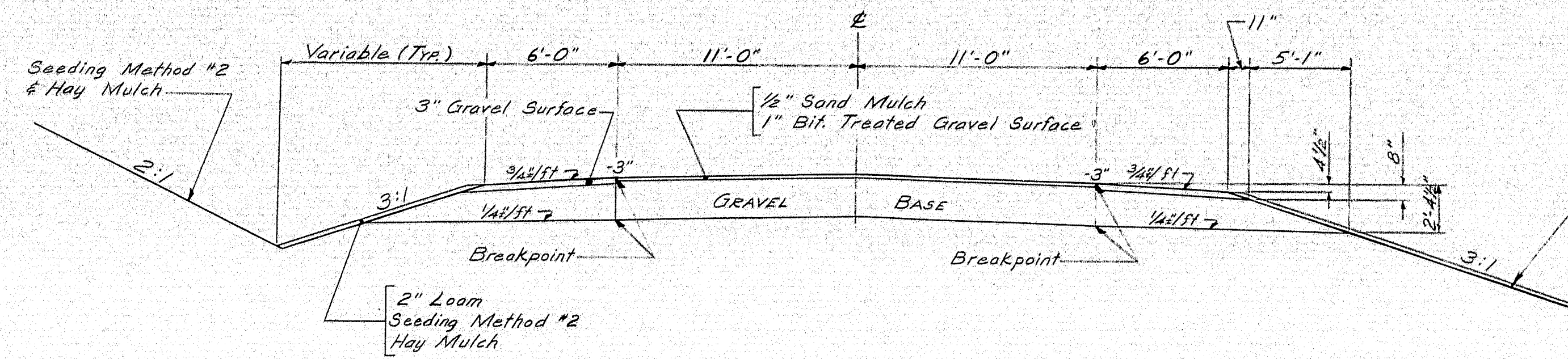
Construct berm ditch as shown on the plans or as directed by the engineer.

Where a 2:1 slope is not practical, use a 1 1/2:1 slope.

Where "X" = 7 or less, "T" = X - 2, otherwise "T" = 5.

To avoid property damage and to save shade trees, this formula may be modified by the engineer.





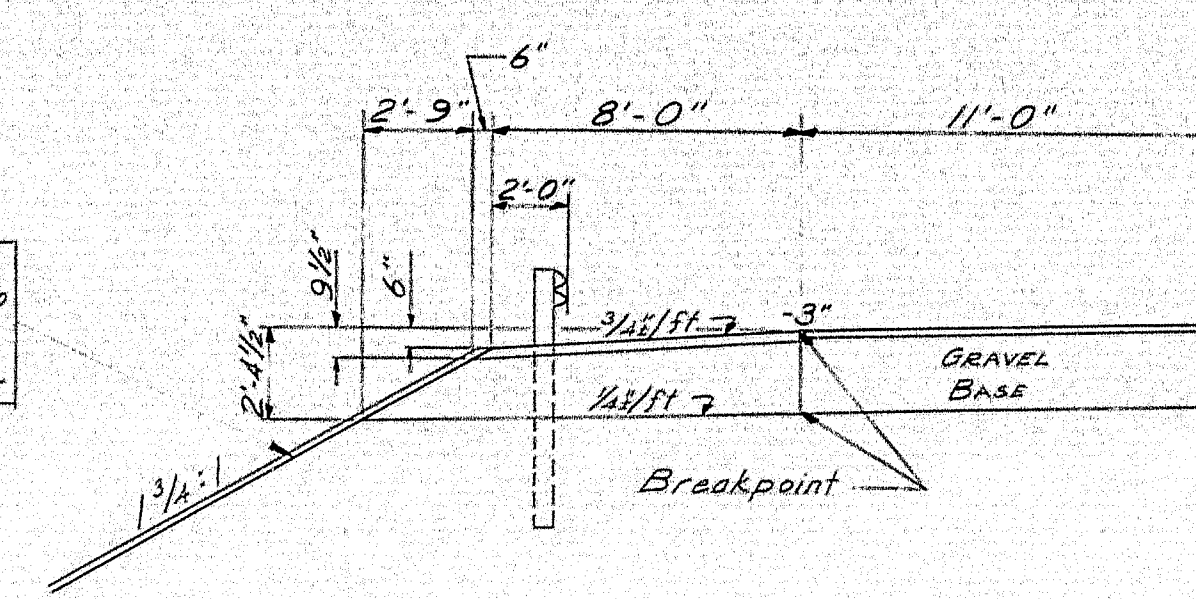
NORMAL

6 Ft. SHOULDER

22 Ft. ROADWAY

24" Gravel Base = 59.63 C.Y. Per 100 L.F.

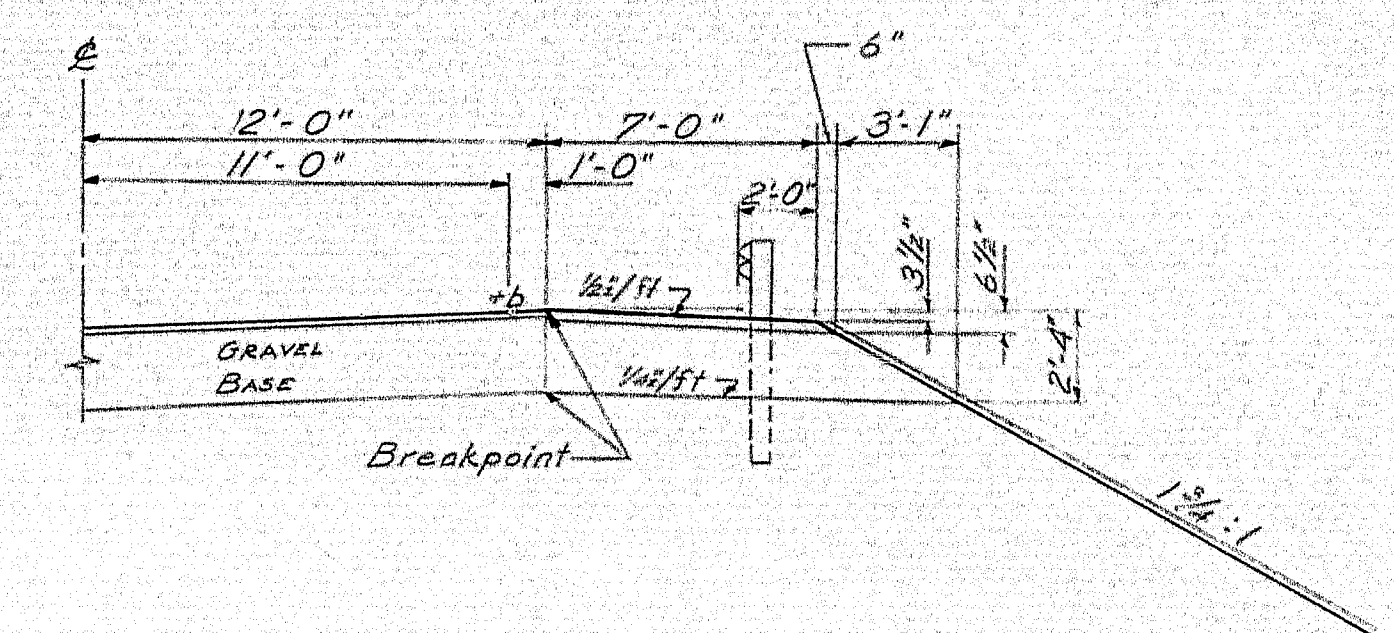
24" Gravel Base = 162.96 C.Y. Per 100 L.F.



NORMAL - WITH GUARDRAIL

8 Ft. SHOULDER

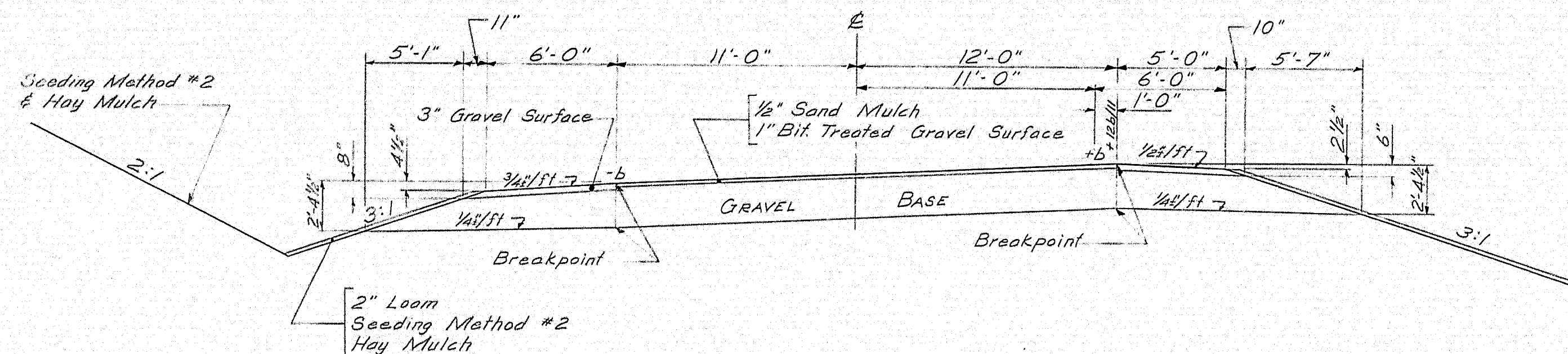
24" Gravel Base = 61.23 C.Y. Per 100 L.F.



SUPERELEVATED - WITH GUARDRAIL

7 Ft. SHOULDER

24" Gravel Base = 59.97 C.Y. Per 100 L.F.



SUPERELEVATED

6 Ft. SHOULDER

23 Ft. ROADWAY

5 Ft. SHOULDER

24" Gravel Base = 59.63 C.Y. Per 100 L.F.

24" Gravel Base = 170.37 C.Y. Per 100 L.F.

24" Gravel Base = 57.31 C.Y. Per 100 L.F.

Summary of Earth Excavation and Borrow Quantities					
(Quantities in Cu. Yds.)					
Description	1-95-5(29)	1-95-5(29)	1-95-5(29)	1-95-5(29)	1-95-5(29)
	Main Line	Right of Way	Main Line	Right of Way	Grand Total
Earth Excavation for Estimate					
Earth Excavation (from Cross Sections)	72835	2600	520	8430	78885
Grubbing in Fill Sections	1445	0	0	0	1445
Top 2" Muck Excavation (Muck Exc. @ Pier #1, Pen. River)	3370	0	0	0	3370
Total Earth Excavation	77450	2600	520	8430	89000
Fill for Borrow Calculations					
Fill (from Cross Sections)	59000	1200	26000	2270	96370
Grubbing (Fill Areas)	1445	0	0	0	1445
Muck Excavation (incl. top 2")	3370	0	0	0	3370
Total Fill	63815	1200	26000	2270	120185
Ledge Excavation for Estimate					
Total Ledge Excavation	400	0	0	50	510
Available Earth Excavation for Borrow Calculations					
Total Earth Excavation	77450	2600	520	8430	89000
Deductions:					
Grubbing in Cut Areas	4000	0	0	0	4000
Grubbing in Fill Areas	1445	0	0	0	1445
Top 2" Muck Excavation	3370	0	0	0	3370
Total Deductions	8815	0	0	0	8815
Total Available Earth Excavation	68635	2600	520	8430	80185
Computation of Gravel Borrow for Estimate					
Total Fill	63815	1200	26000	2270	120185
Total Available Earth x .85 =	58340	2200	442	2065	63057
Total Available Ledge x 1.33 =	618	0	0	66	678
Total Available Earth and Ledge	58958	2200	442	2131	63735
Total Fill minus Total Available Earth and Ledge	4863	1000	26458	637	34450
24" Granular Borrow Subbase	11200	0	2400	0	13600
Total Fill minus Total Available Earth and Ledge plus Subbase x 1.15	16663	1000	28858	637	50050
Excess Earth Exc. from R.T. 16 deducted from other locations	346	0	656	140	1161
Granular Borrow (for undetermined locations), provided	3146	0	5652	1202	10000
Adjusted Fill required	21253	0	38183	812	60253
Granular Borrow for Estimate (on Sheet #1)					
say	21500	0	38000	8000	67500

DESIGN - E.R.A.
TRACE - E.R.A.
CHECK - HARRIS

BRIDGE NO. SURVEY - PLOT -

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER

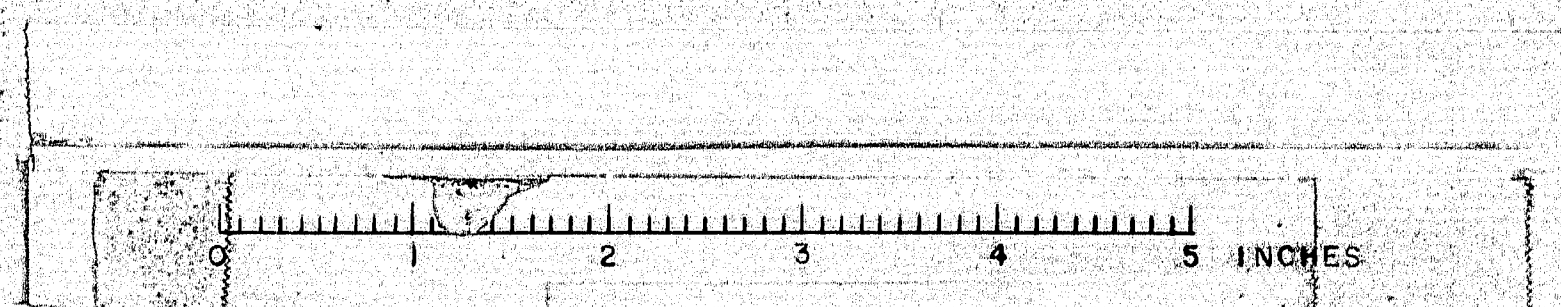
PENOBSCOT RIVER & ROUTE 116
IN THE TOWN OF

MEDWAY
PENOBSCOT COUNTY

TYPICAL SECTIONS - ROUTES 116, OLD 157

SHEET 3 OF 93 AUGUSTA, MAINE OCTOBER 1984

99-3



ESTIMATE OF QUANTITIES

Item Description	Unit	I-95-8(62)			I-95-9(29)			Contract
		Main Line (Approach)	Route 116 (Approach)	Project Total	Main Line (Approach)	Route 116 (Approach)	Project Total	
Clearing	Acres	3.10	.08	3.18	.32	.50	.82	4
Selective Clearing and Thinning	Acres	1		1				1
Remaining Trees (9" 24")	Each	3		3	5		5	8
Remaining Trees (over 24")	Each				1	2	3	3
Earth Excavation	C.Y.	77 450	2600	80050	520	2430	2950	83000
Rock Excavation	C.Y.	460		460	50		50	510
Structural Earth Excavation, Drainage	C.Y.	50	350	400	200		200	600
Structural Earth Excavation, Piers, Route 116	C.Y.			380				380
Structural Earth Excavation, Piers, Penobscot River	C.Y.							
Granular Borrow (See Summary on Sheet 3)	C.Y.	21500		21500	38000	8000	46000	67500
Gravel Borrow, Pit Measure	C.Y.	33000		33000	4400		4400	37400
Machine Averting	Hrs.	90		90	10		10	100
Gravel Base Course - In Place Measure	C.Y.	7300	2350	9650	1850	5400	7250	16900
Sprinkling	Units	25		25	5		5	30
Colored Chloride	Tons	3		3	1		1	4
Gravel Surface Course	C.Y.	32	215	250	430		430	680
Road Ion	Gal.		1830	1830	3870		3870	5700
15 Inch Corrugated Metal Pipe	L.F.		37	37				37
15 Inch Asphal Coated Corrugated Metal Pipe	L.F.				54		54	54
18 Inch Asphal Coated Corrugated Metal Pipe	L.F.	125		125	94		94	219
24 Inch Asphal Coated Corrugated Metal Pipe	L.F.		112	112	71		71	183
30 Inch Asphal Coated Corrugated Metal Pipe	L.F.		129	129	94		94	223
24 Inch Reinforced Concrete Pipe - Class III	L.F.	104		104				104
Underdrain, Type "B"	L.F.	800	180	980				980
Underdrain Outlets	L.F.	800	155	355				355
Metal Endwalls for 30-Inch Pipe	Each		2	2				2
Portland Cement Concrete, Abutments & Retaining Walls, Rte 116	C.Y.		350	350				350
Port. Cem. Concrete, Abutments & Ret. Walls, Penobscot River	C.Y.				625		625	625
Portland Cement Concrete, Piers, Route 116	C.Y.		255	255				255
Portland Cement Concrete, Piers, Penobscot River	C.Y.				3840		3840	3840
Portland Cement Concrete, Piers (Placed Under Water)	C.Y.				3600		3600	3600
Port. Cem. Conc. Piers & Spill Slabs on Steel Bridges, Rte 116	C.Y.		280	280				280
Port. Cem. Conc. Abutment Slabs on Steel Bridges, Penobscot River	C.Y.				2430		2430	2430
Portland Cement Concrete for Riverway Guard	Lbs.	287		287	13		13	300
Driving Box for Concrete Cylinders	Each				1		1	1
Structural Steel Fabricated & Erected, Route 116	L.S.		L.S.	L.S.				L.S.
Structural Steel Fabricated & Delivered, Penobscot River	L.S.				L.S.	L.S.	L.S.	L.S.
Structural Steel Erection, Rte 116	L.S.		L.S.	L.S.				L.S.
Structural Steel Erection, Penobscot River	L.S.				L.S.	L.S.	L.S.	L.S.
Structural Steel Field Painting, Route 116	L.S.		L.S.	L.S.				L.S.
Structural Steel Field Painting, Penobscot River	L.S.				L.S.	L.S.	L.S.	L.S.
Reinforcing Steel, Delivered	Lbs.		118560	118560	759700	759700	878260	878260
Reinforcing Steel, Placed	Lbs.		118560	118560	759700	759700	878260	878260
Steel Reinforcing	L.S.				L.S.	L.S.	L.S.	L.S.
Steel H-beam Piles 42 lbs./ft.	L.F.		3076	3076				3076
Steel H-beam Piles 53 lbs./ft.	L.F.				2520	2520	2520	
Steel H-beam Piles 89 lbs./ft.	L.F.				10380	10380	10380	

± Undetermined Location

Note: If work is encountered its removal shall be paid for under Item 2039

Item Description	Unit	I-95-8(62)			I-95-9(29)			Contract
		Main Line (Approach)	Route 116 (Approach)	Project Total	Main Line (Approach)	Route 116 (Approach)	Project Total	
Cofferdams, Pier 1 S.B.	L.S.							L.S.
Cofferdams, Pier 2 S.B.	L.S.							L.S.
Cofferdams, Pier 3 S.B.	L.S.							L.S.
Cofferdams, Pier 4 S.B.	L.S.							L.S.
Cofferdams, Pier 1 N.B.	L.S.							L.S.
Cofferdams, Pier 2 N.B.	L.S.							L.S.
Cofferdams, Pier 3 N.B.	L.S.							L.S.
Cofferdams, Pier 4 N.B.	L.S.							L.S.
Bridge Rail	L.F.		496	496				4314
Exposed Resin Surface Sealant	S.Y.		220	220				330
Vertical Bridge Curb - Type I	L.F.		550	550				4310
Vertical Bridge Curb, Concrete - Type I	L.F.							40
Guard Rail - Type E	L.F.							625
Guard Rail Type E, Terminal Section	Each							8
Guard Rail Type E, Curved	L.F.							145
Single Posts - Type A	Each	8		8				6
Fencing - Metal Posts	L.F.	1665		1665	670		670	2335
Stone Fill	C.Y.	3600		3600				3600
Hand Laid Riprap	C.Y.	668		668	32		32	700
Gravel Land Riprap Face	S.Y.	1800		1800				1800
Loam, In Place Measure	C.Y.	1040	110	1150	500	260	760	1910
Seeding	S.Y.	85		85	590	50	640	765
Jute Matting, Weave "H"	S.Y.	2830		2830	370		370	3200
Seeding, Method No. 2	Unit	245	25	270	62	48	110	380
Hay Muck	Tons	19	2	21	5	4	9	30
Bituminous Treated Stone Slope Protection	S.Y.	775		775	325		325	1100
Right of Way Markers	Each	4		4				14
Survey Markers	Each	2		2	9		9	11
Removal on Razing Building, No. 1	L.S.							L.S.
Removal on Razing Building, No. 2	L.S.							L.S.
Removal on Razing Building, No. 3	L.S.							L.S.
Removal on Razing Building, No. 4	L.S.							L.S.
Removal on Razing Building, No. 5	L.S.							L.S.
Removal on Razing Building, No. 6	L.S.							L.S.
Removal on Razing Building, No. 7	L.S.							L.S.
Removal on Razing Building, No. 8	L.S.							L.S.
Warning Lights & Illuminating Signs	Group	2		2				4
* Bituminous Concrete Surface Course, Type A	Tons		117	117				767
* Membrane Waterproofing	S.Y.		1064	1064				7010
Field Office - Type B	L.S.							L.S.
Moving, Repairing and Renovating Central Field Office and Soils Laboratory	L.S.							L.S.

* Items not included in this contract

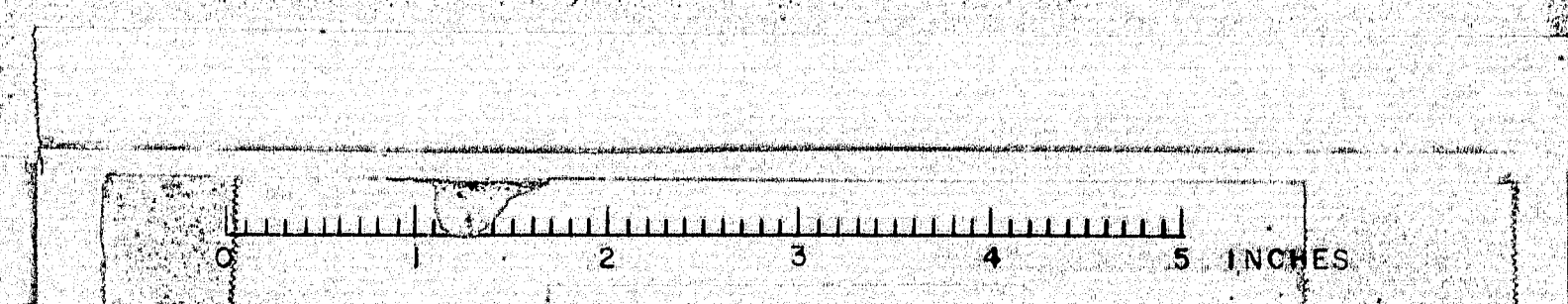
Approximate quantity of Structural Steel for I-95 over Rte 116 = 193,000 lbs.

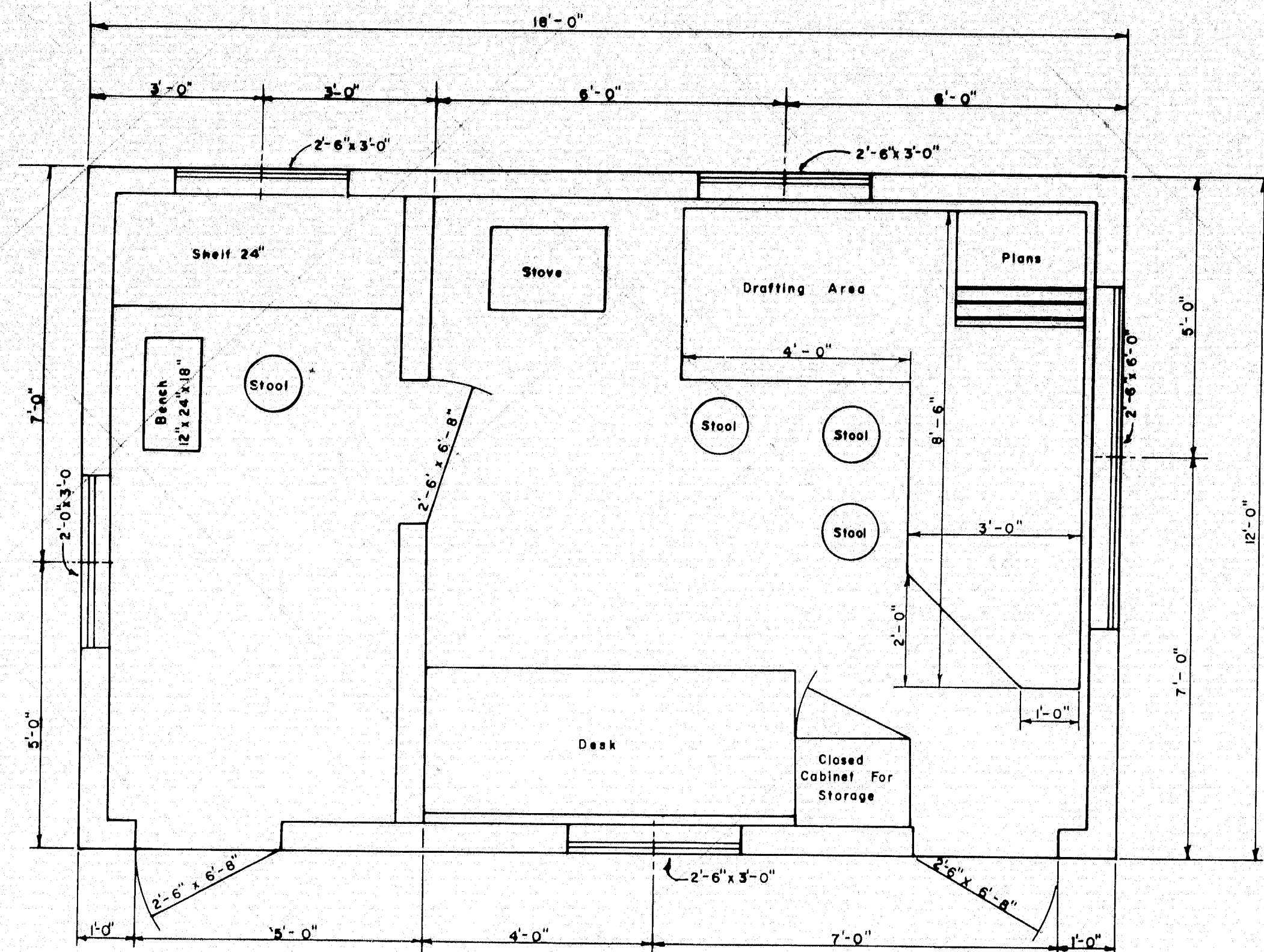
Approximate quantity of Structural Steel for I-95 over Penobscot River = 3,660,000 lbs.

Estimated weight of Structural Steel includes Drains, is based on nominal sizes, and does not include Welds.

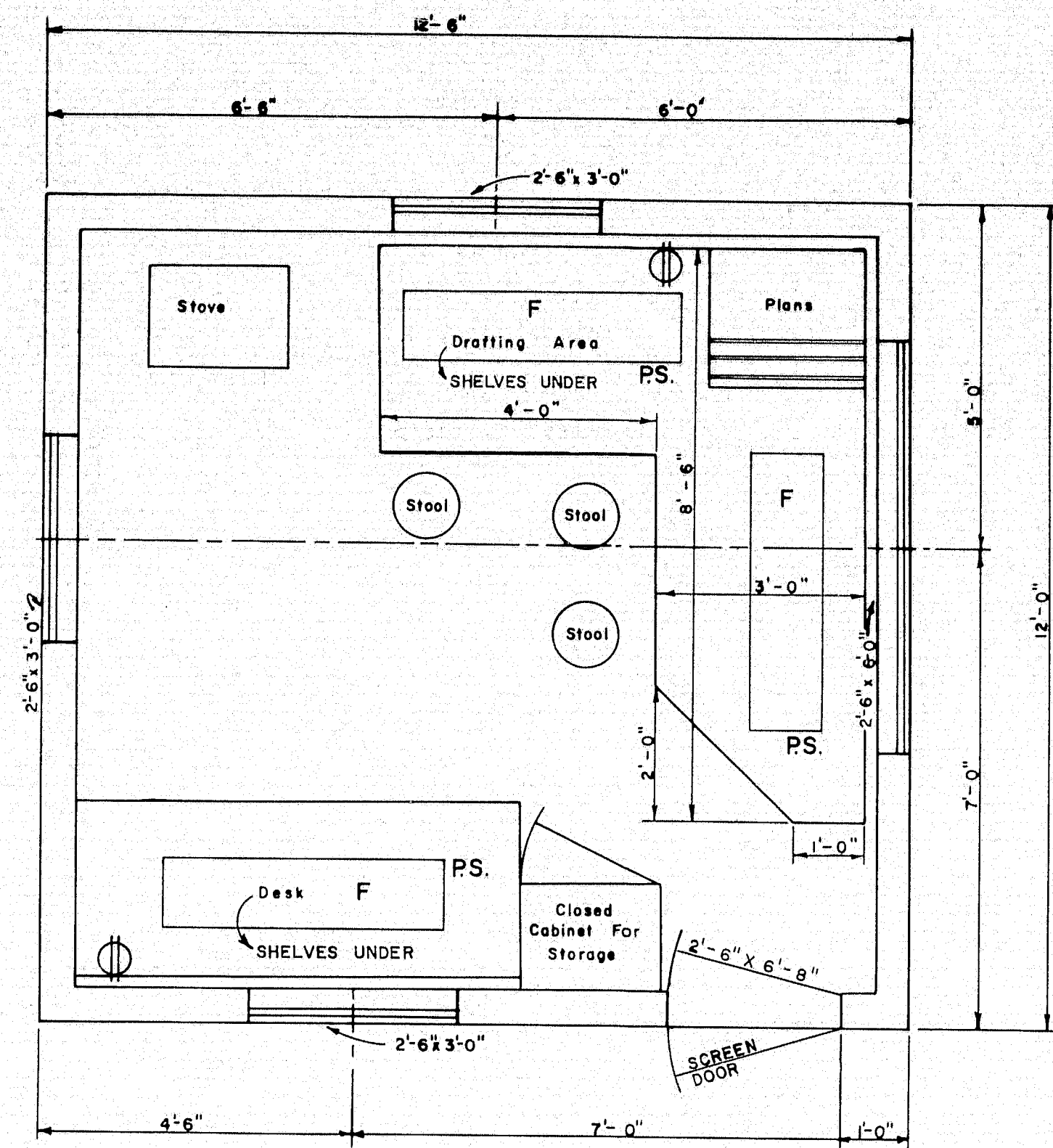
DESIGN - J.C. HARRIS	BRIDGE NO. 95-8(62)
CHECK - J.C. HARRIS	STATE HIGHWAY COMMISSION
	BRIDGE DIVISION
	INTERSTATE 95
	OVER
	PENOBSCOT RIVER & ROUTE 116
	IN THE TOWN OF
	MEDWAY
	PENOBSCOT COUNTY
	QUANTITIES
SHEET 4 OF 93	AUGUSTA, MAINE OCTOBER 1964

99-4

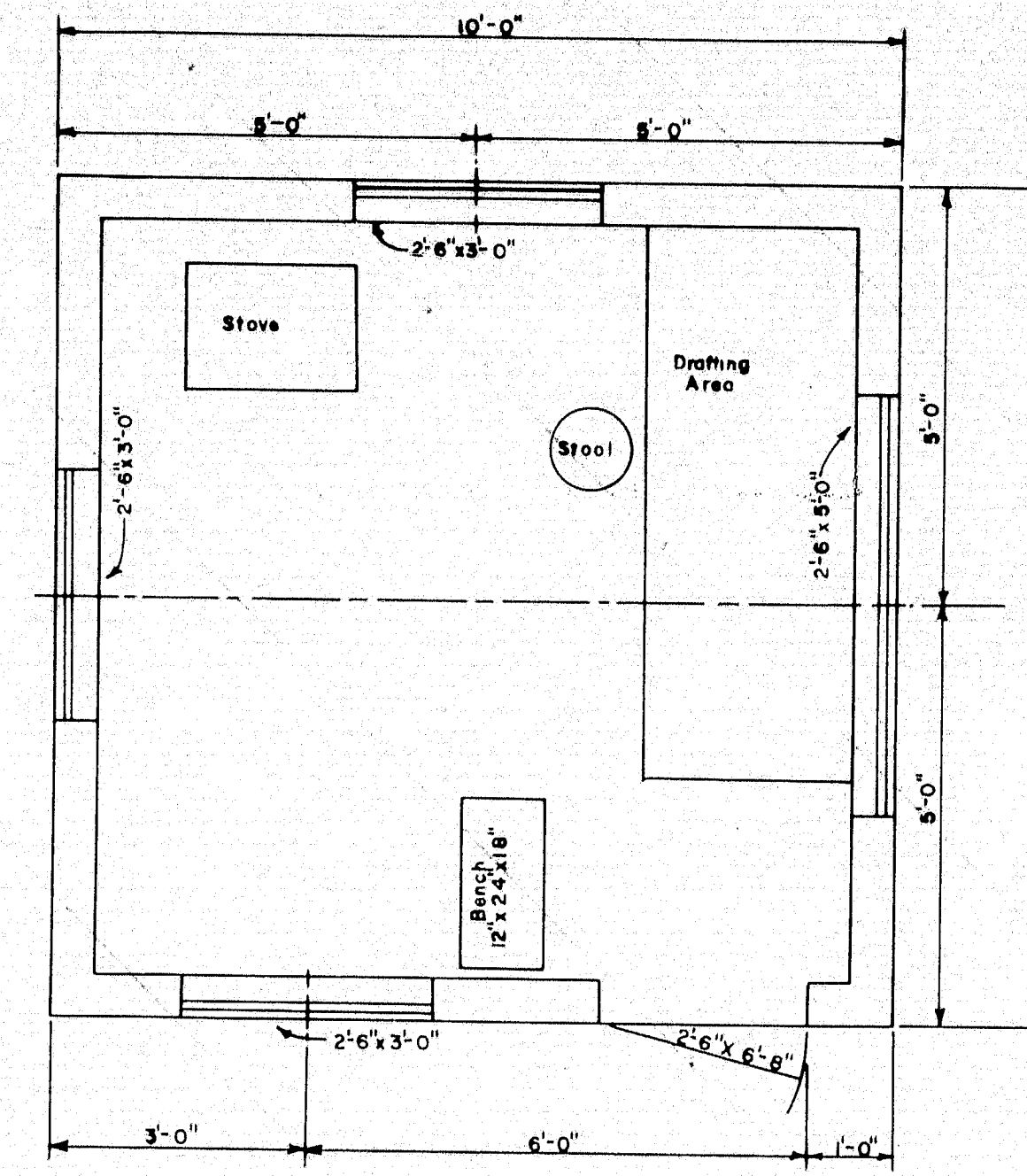




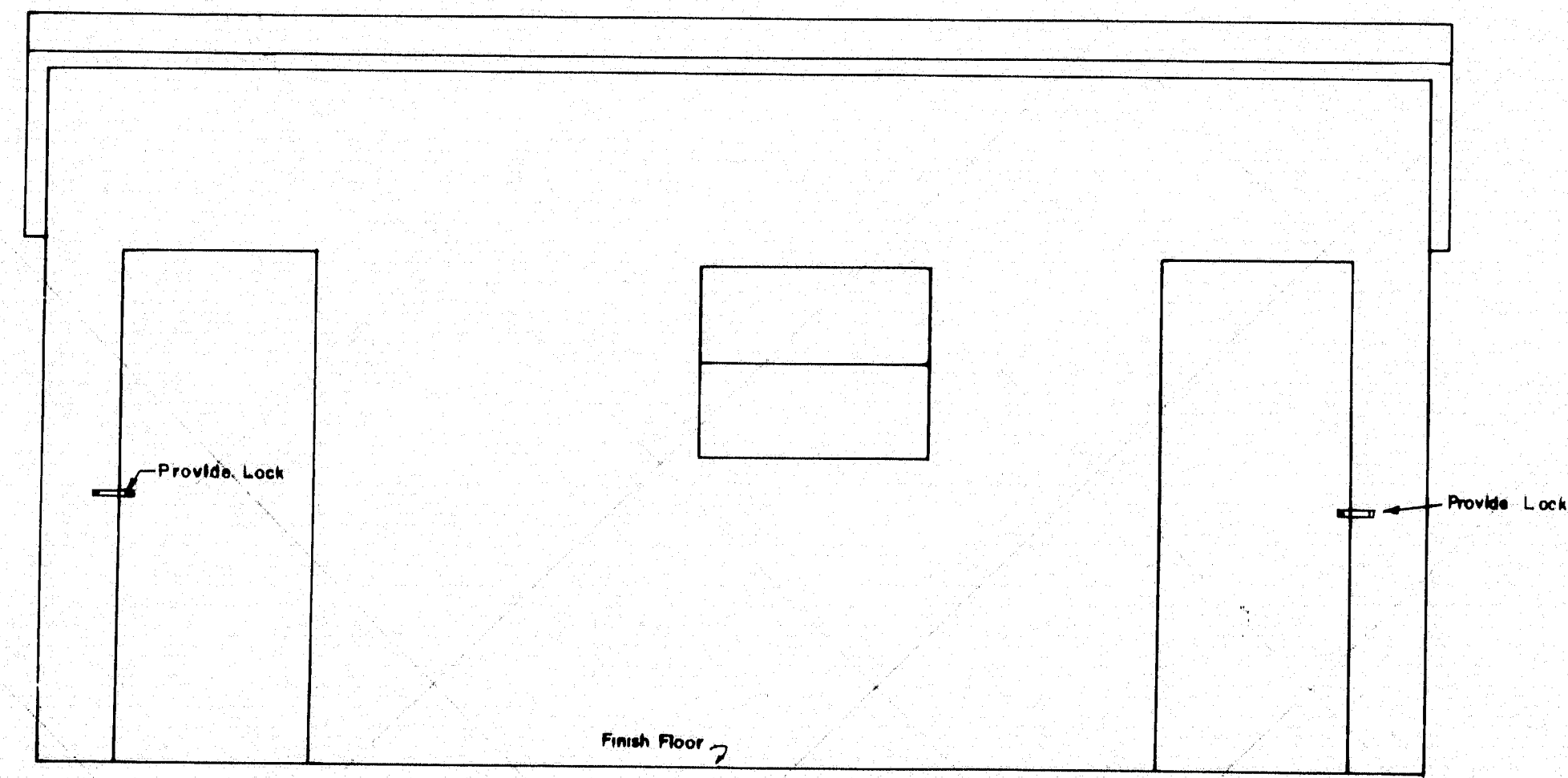
FLOOR PLAN
TYPE "A"



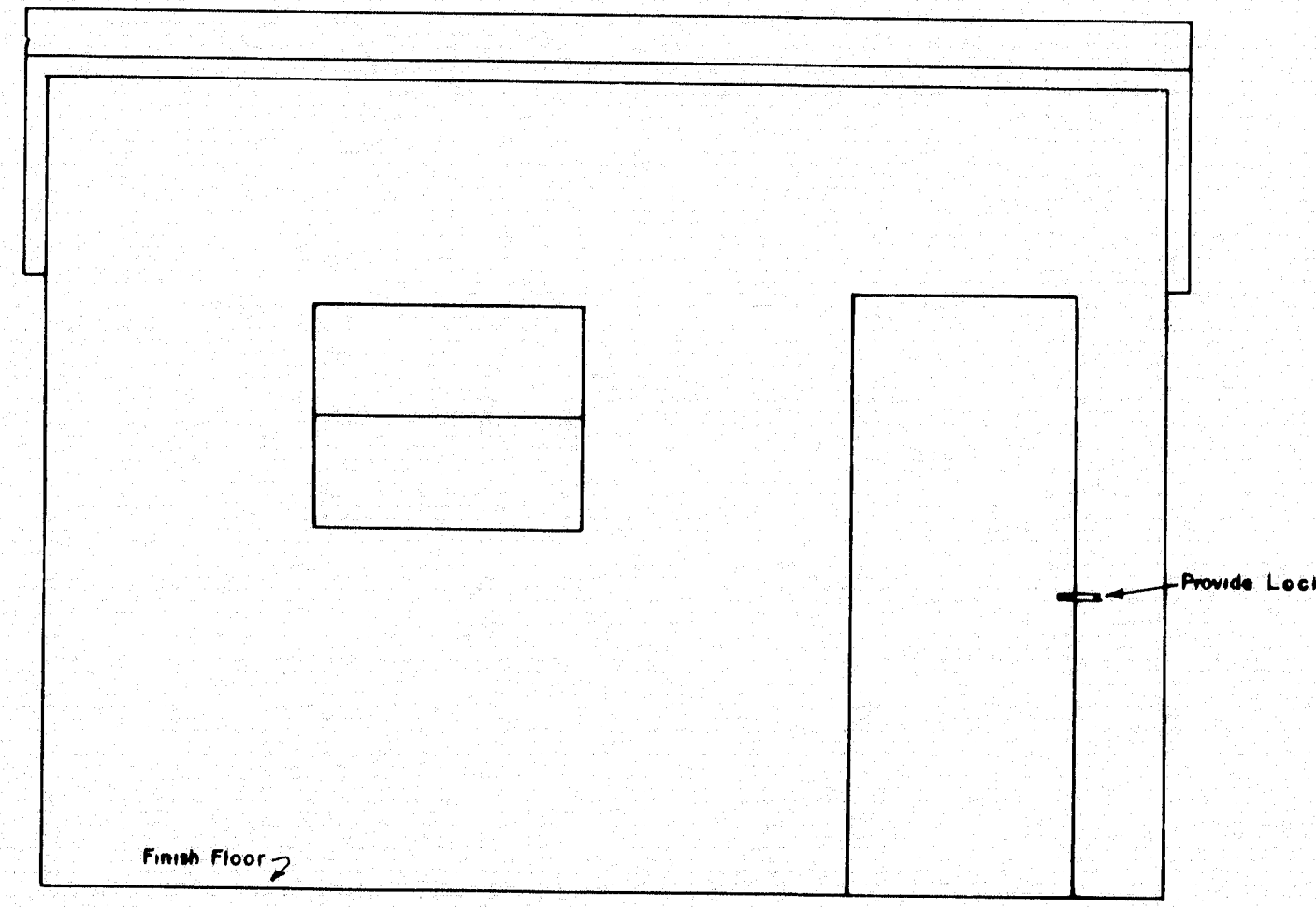
FLOOR PLAN
TYPE "B"



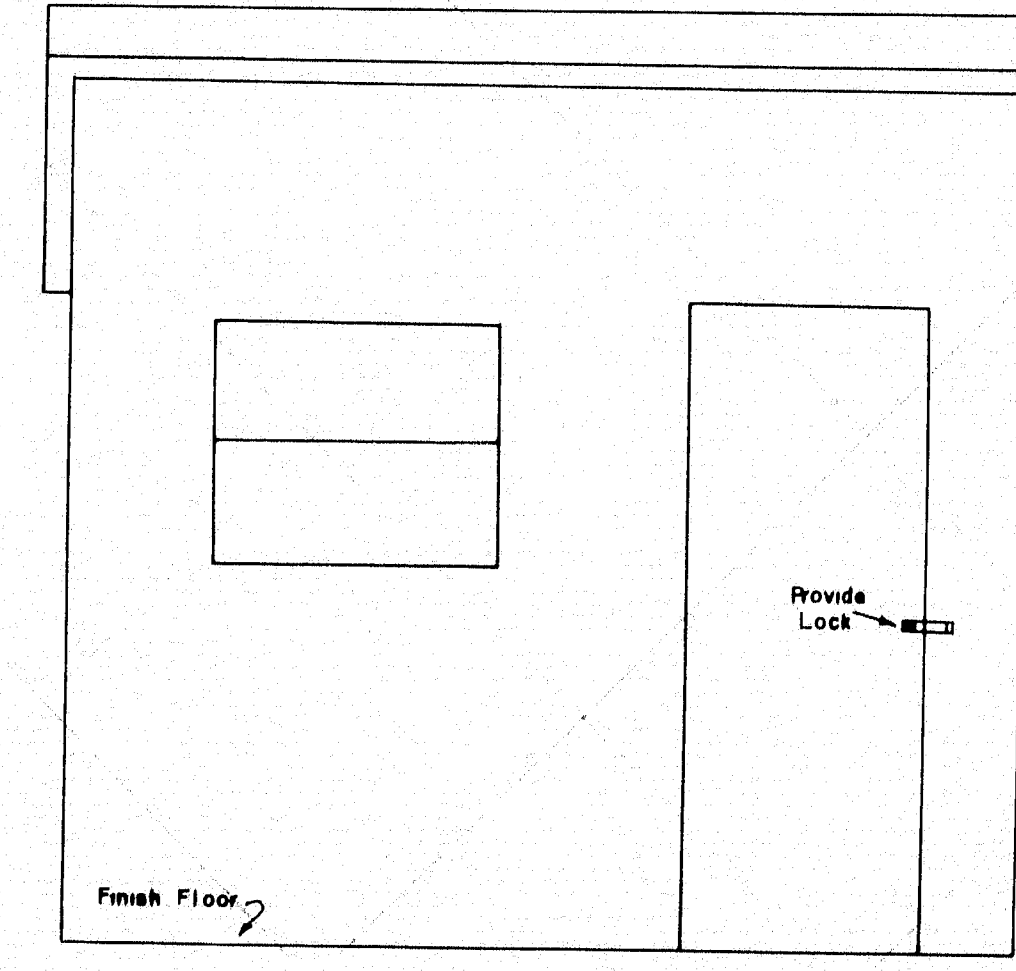
FLOOR PLAN
TYPE "C"



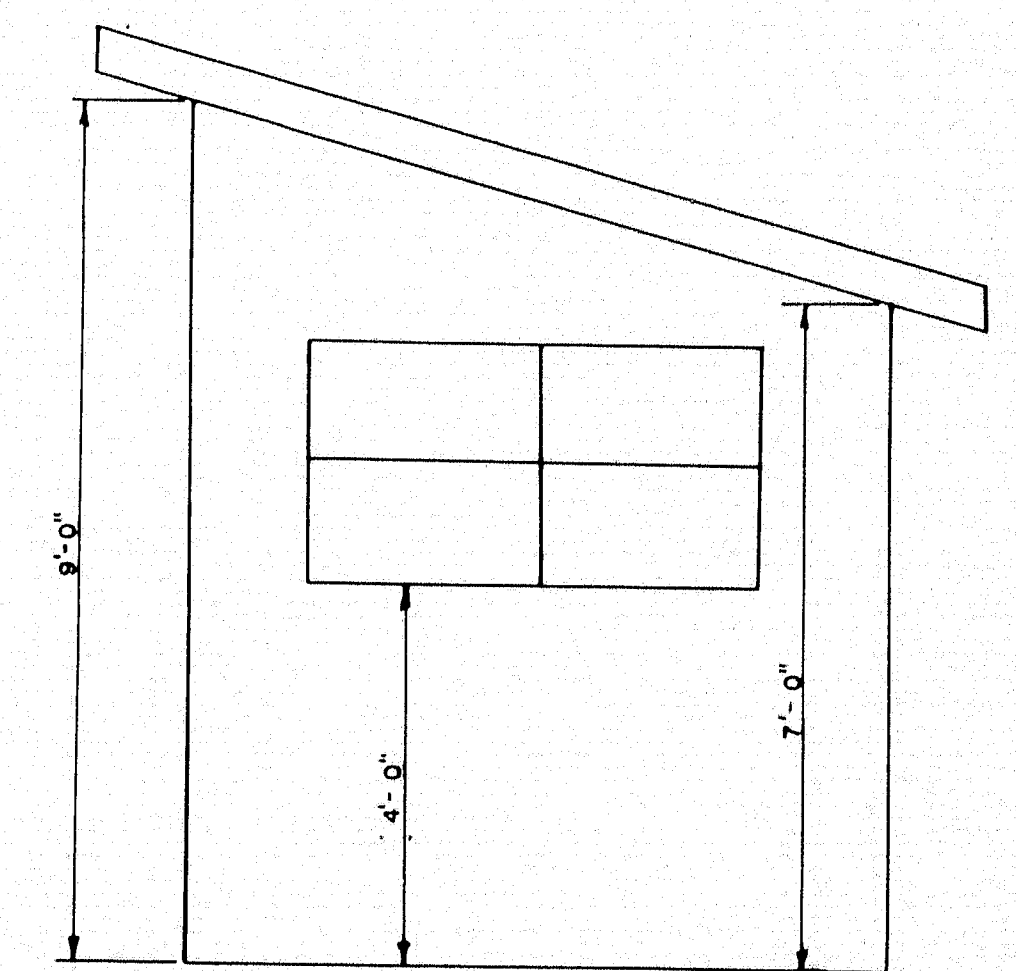
FRONT ELEVATION
TYPE "A"



FRONT ELEVATION
TYPE "B"



FRONT ELEVATION
TYPE "C"



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

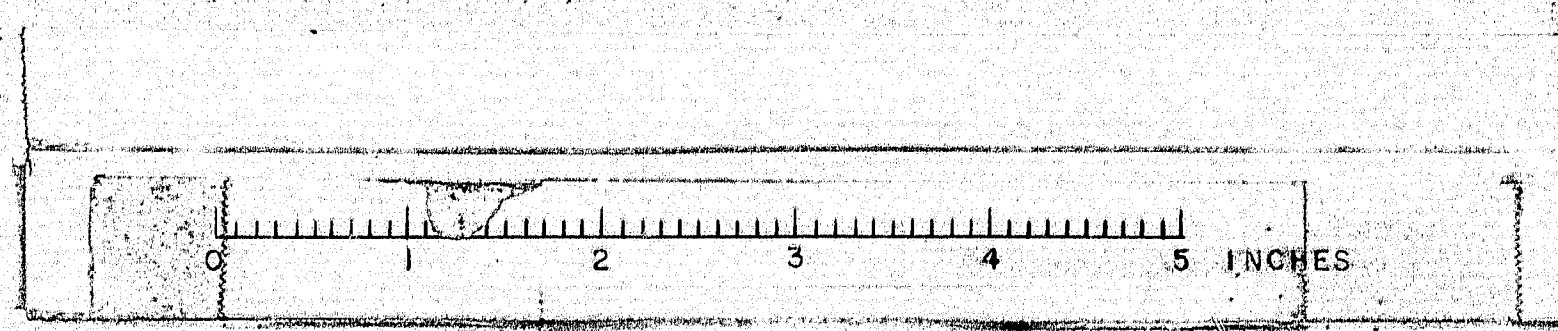
NOTES:
Drafting table 3'-4" high at front edge.
Set drafting table out 2" from studs to allow prints to hang down behind table when in use.
The engineer may rearrange the items shown on the plan views during construction of the field office.
Shelves under desk to fit 11 1/2" x 14" x 25" trans files.

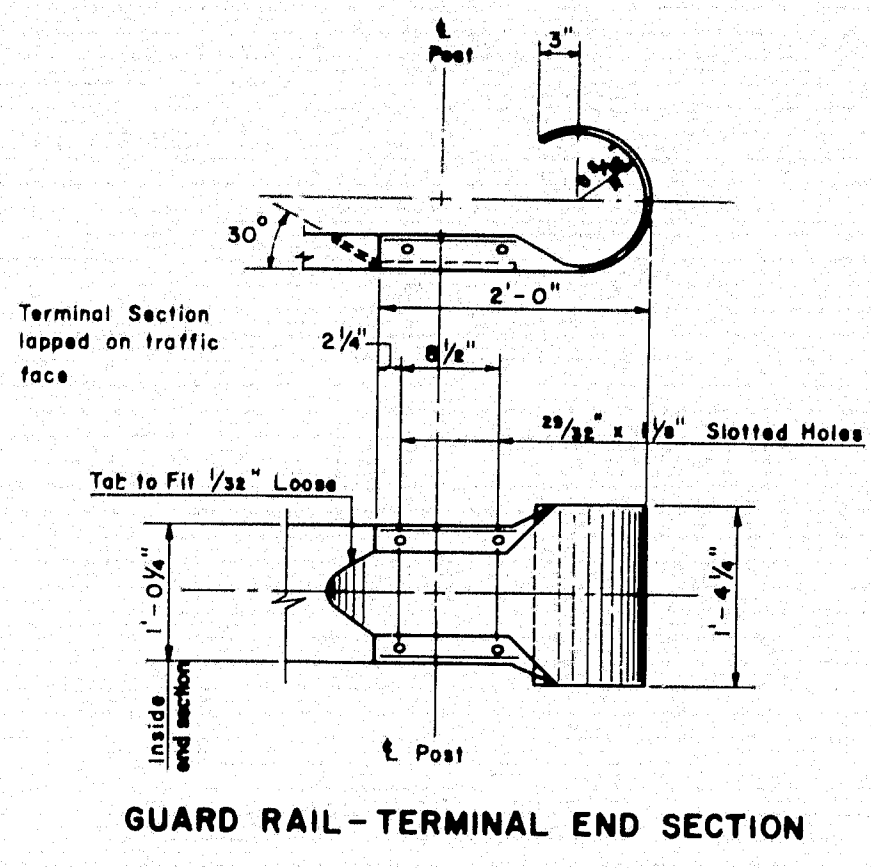
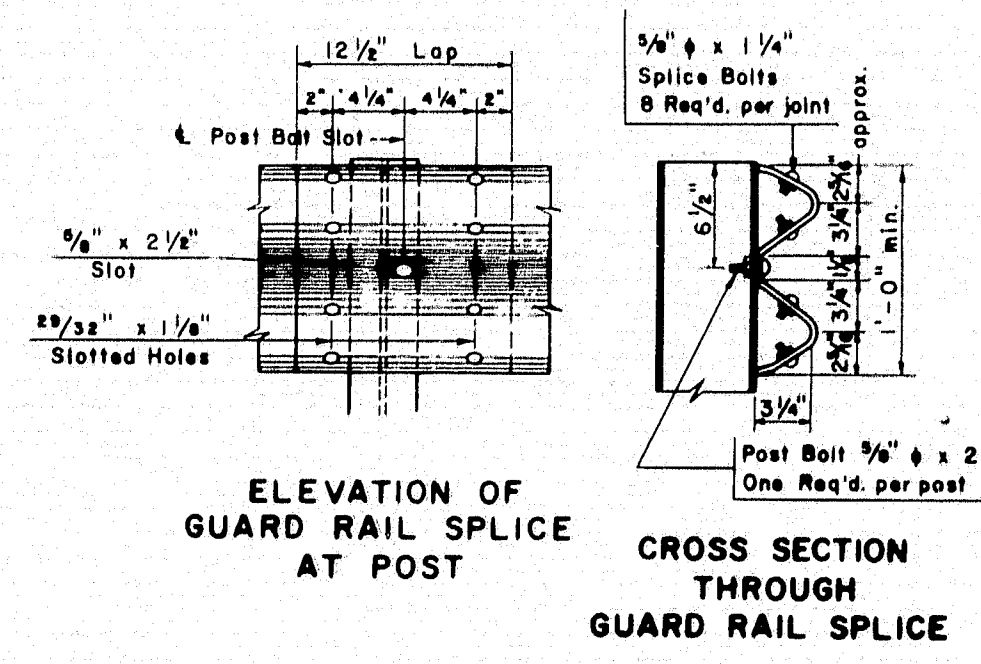
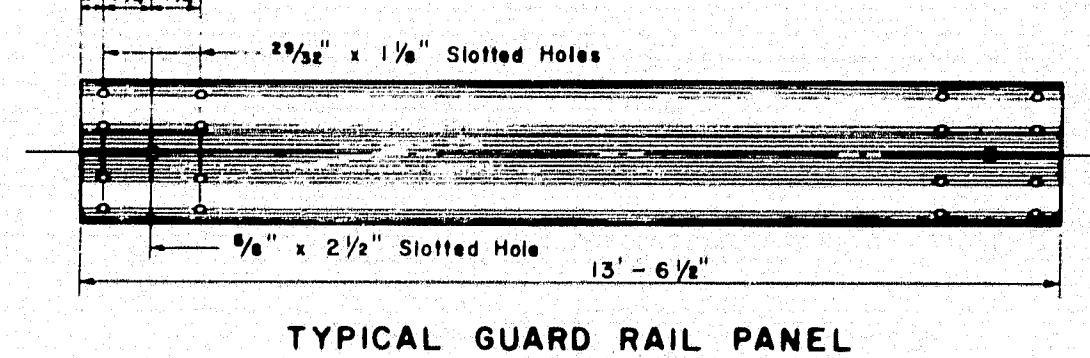
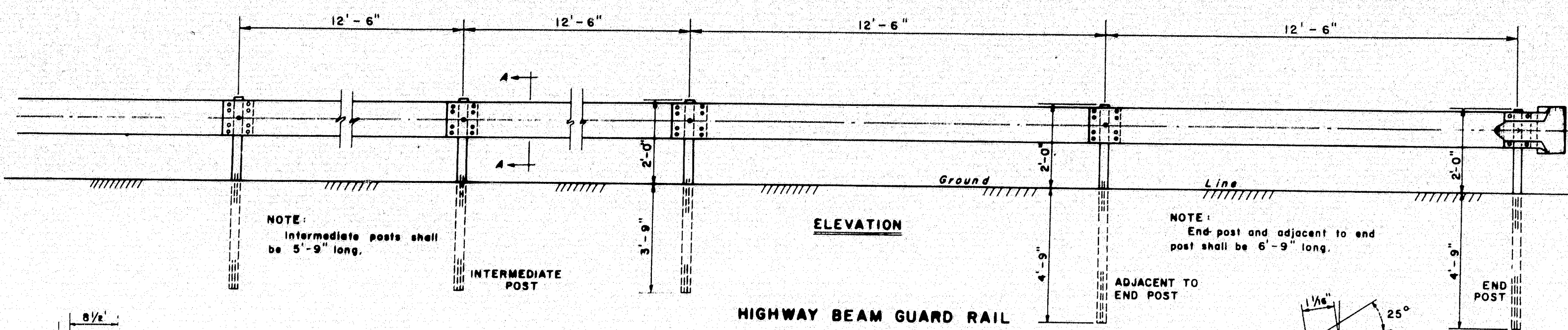
ENGINEERS FIELD OFFICES

SCALE 1/2" = 1'-0"

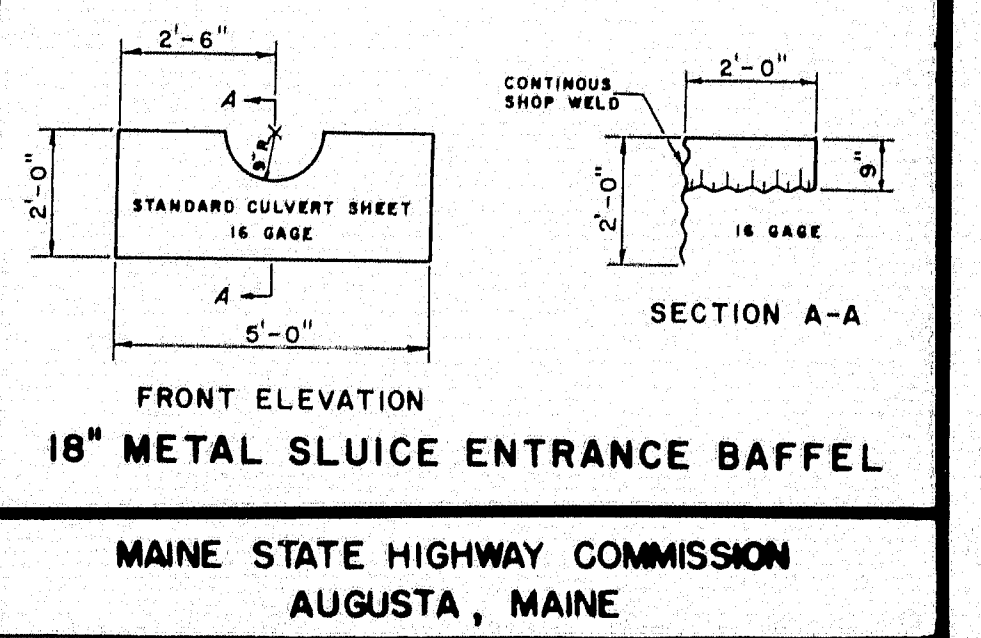
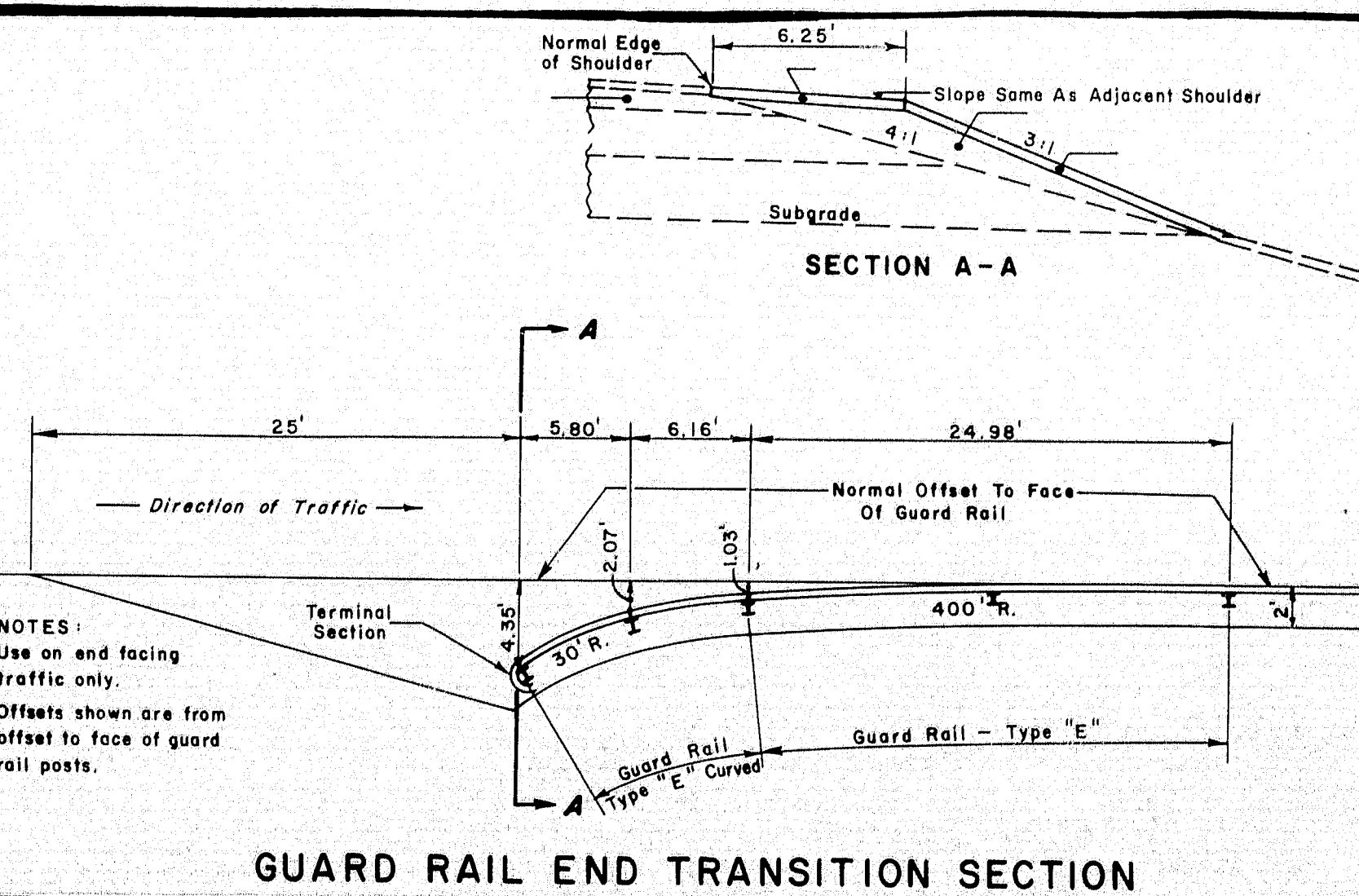
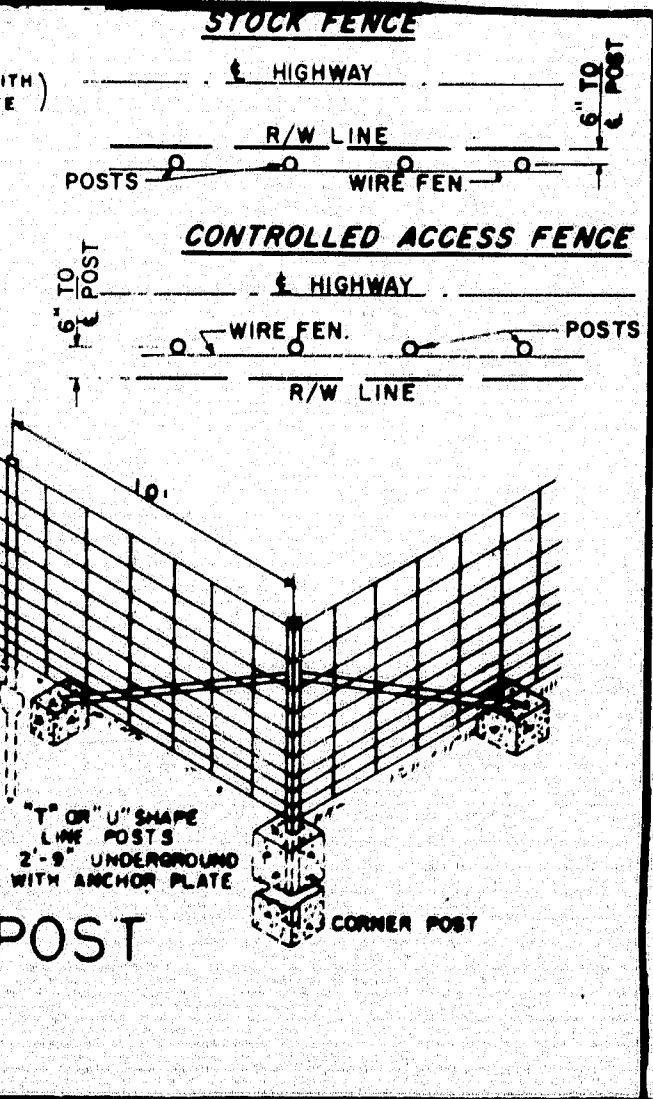
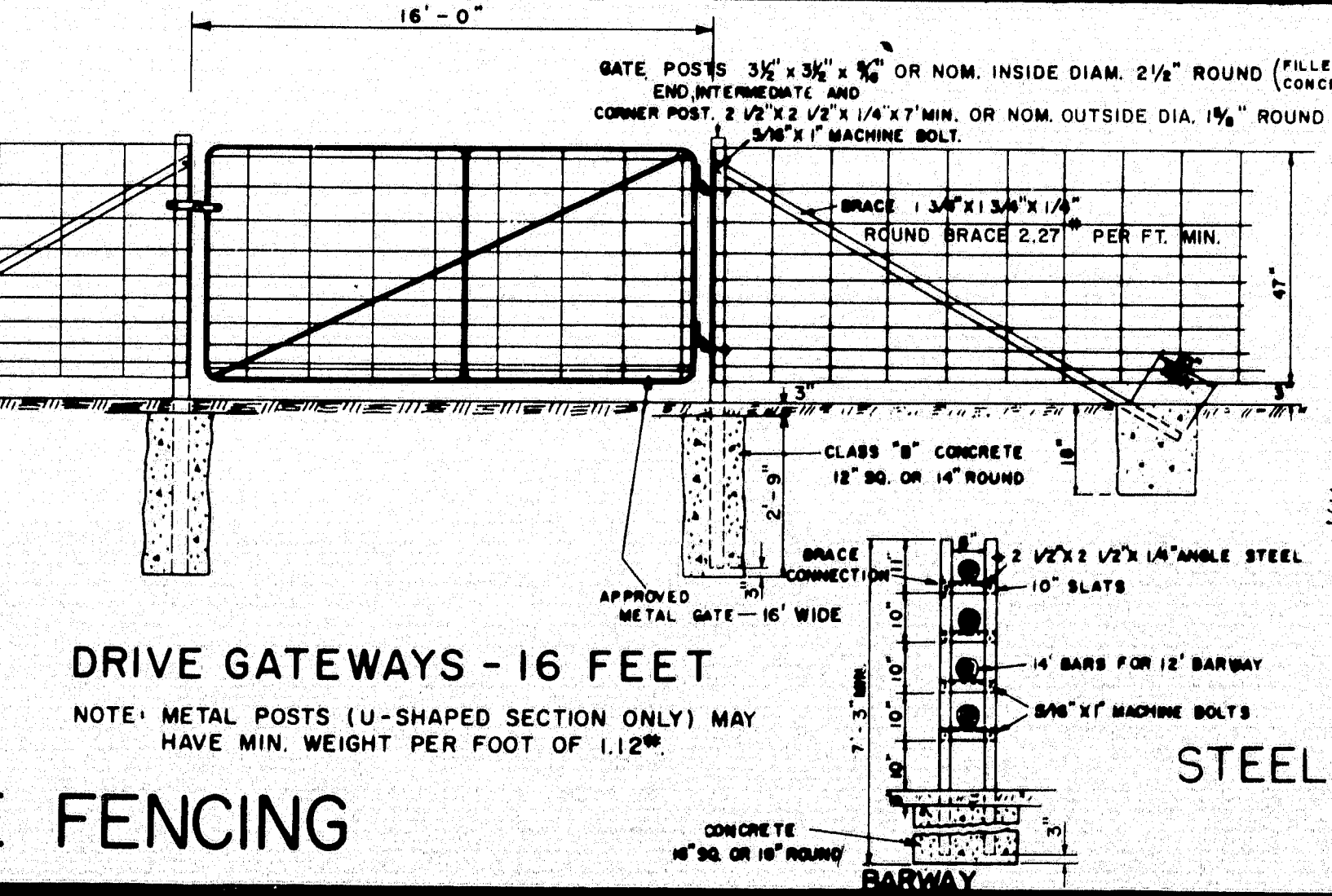
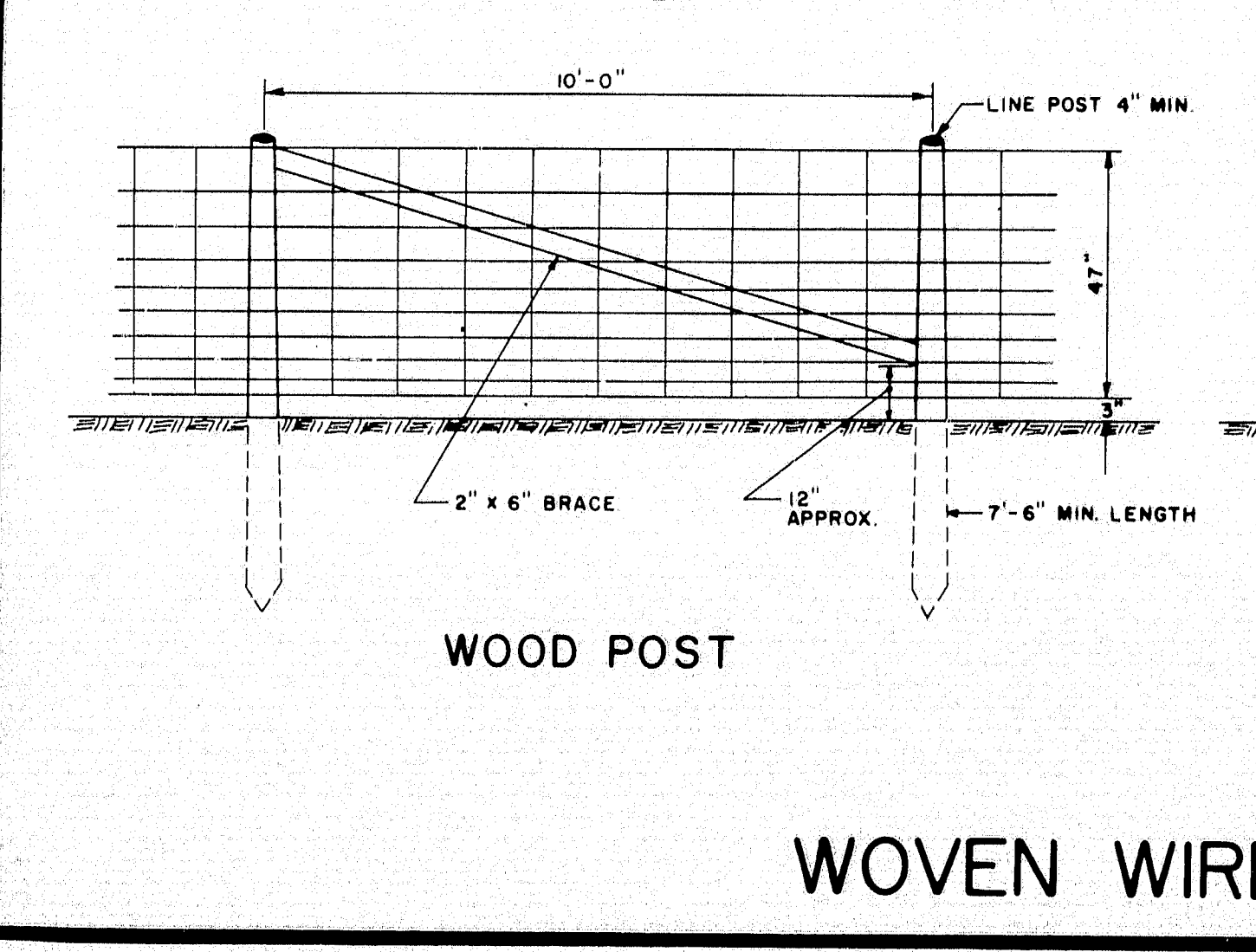
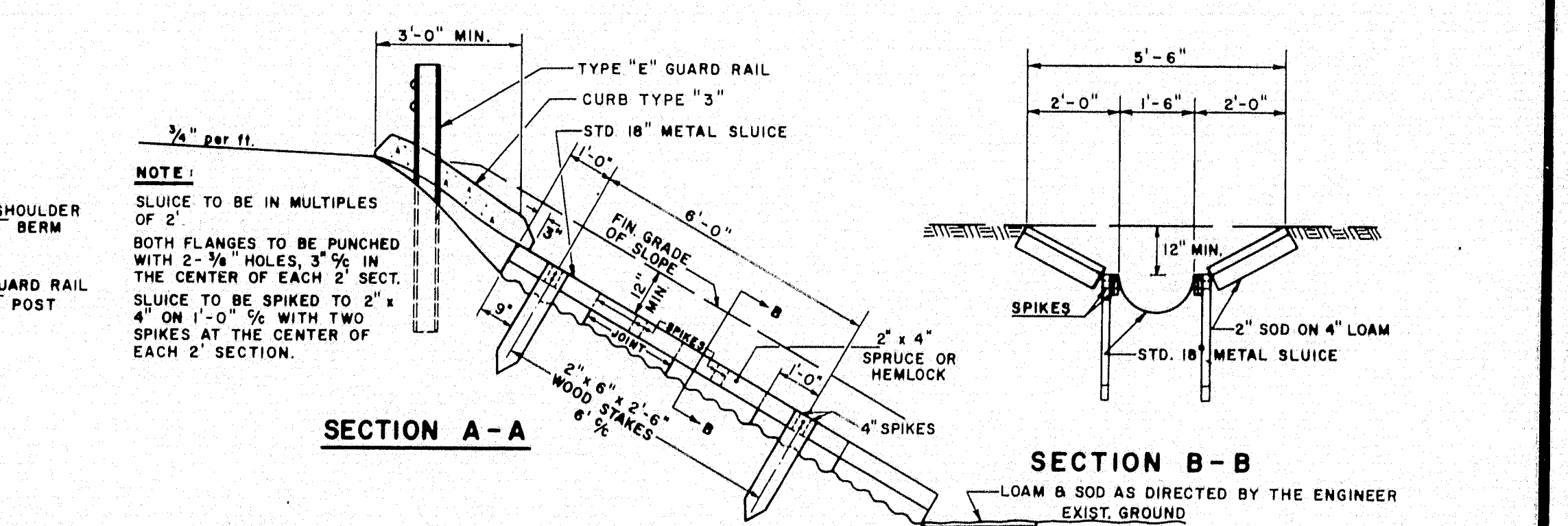
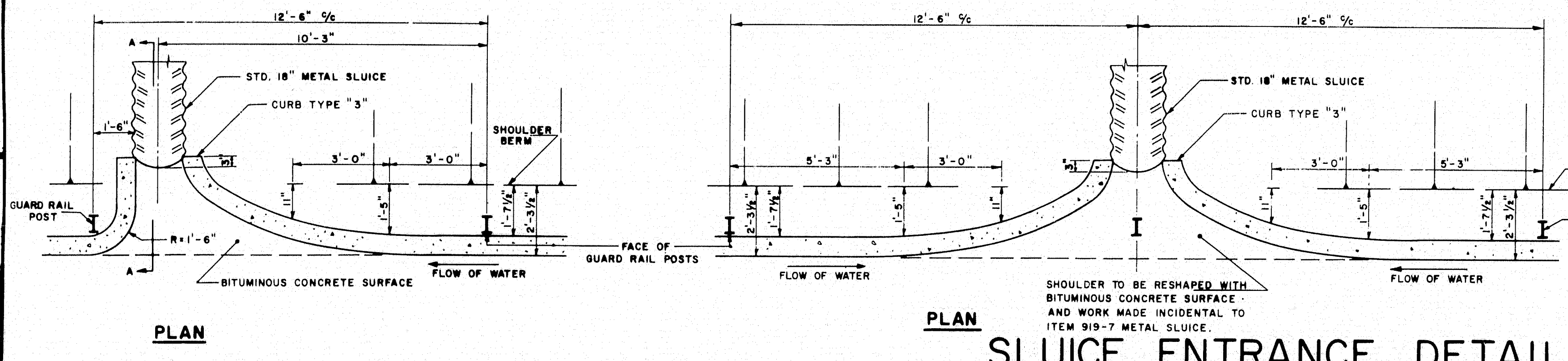
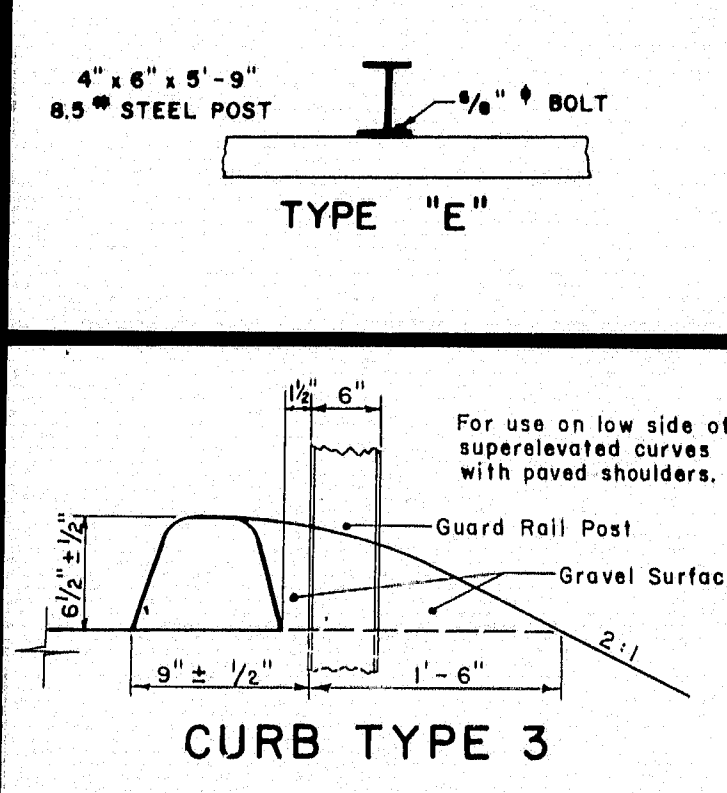
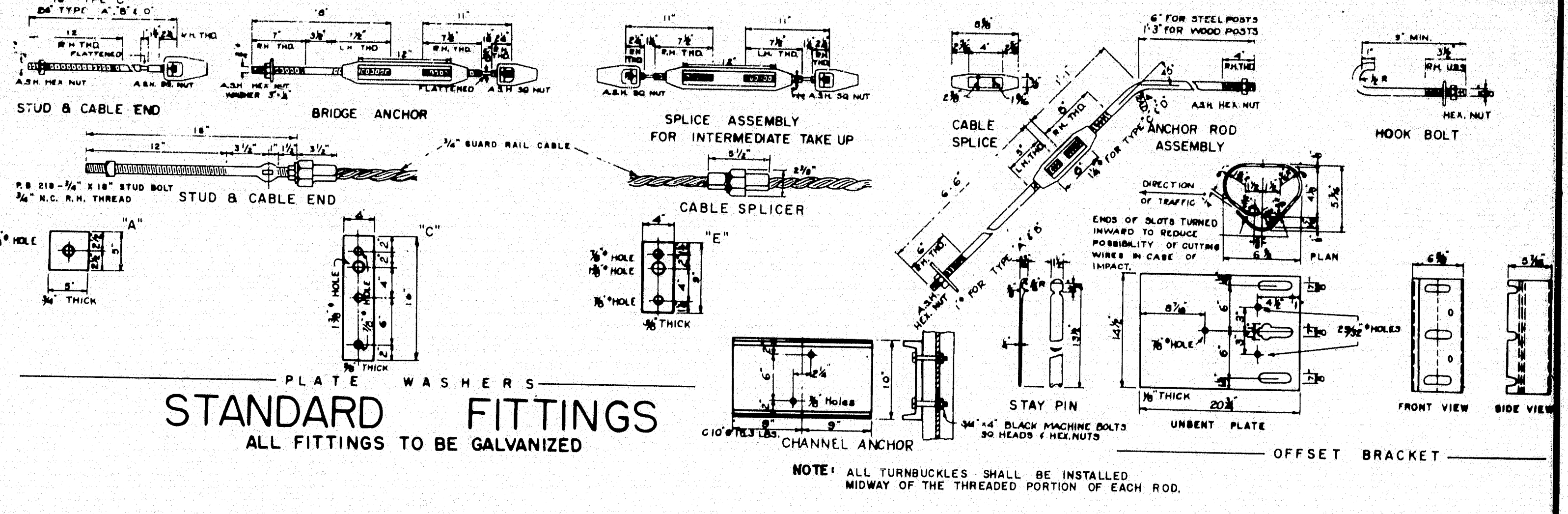
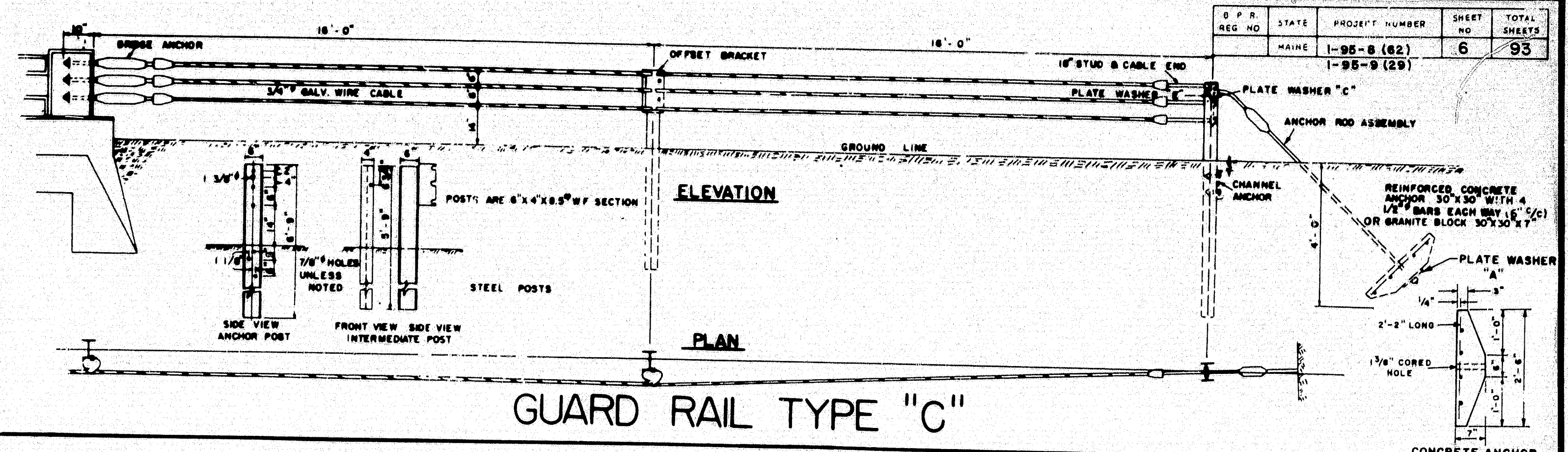
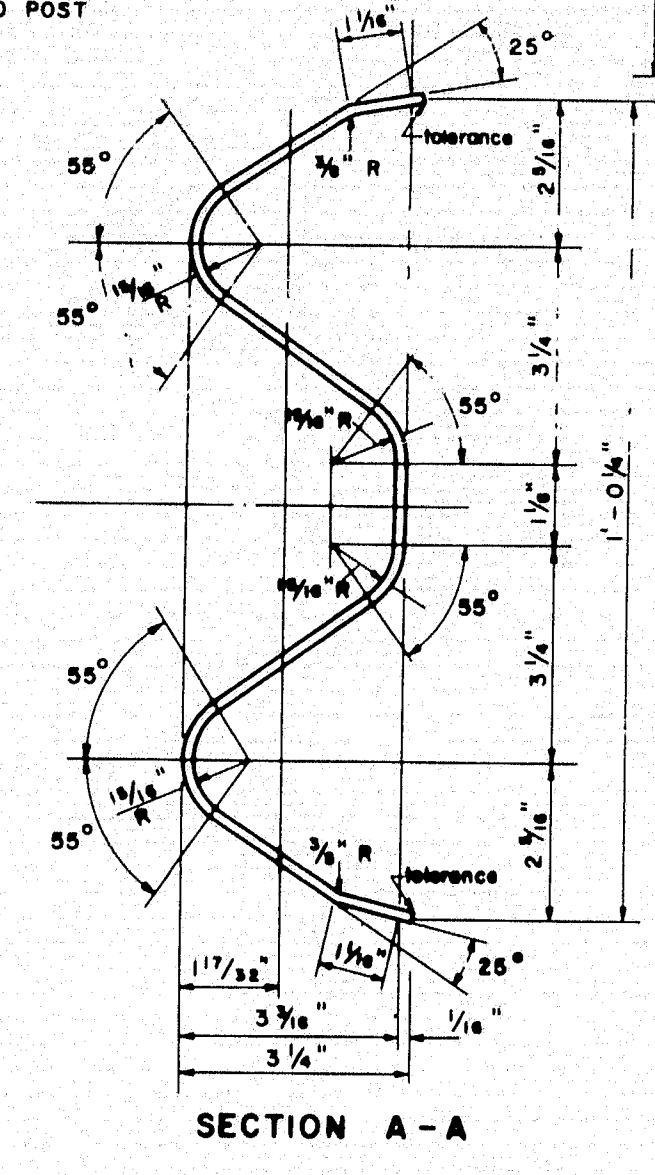
FURNISHINGS TO BE SUPPLIED
2 Straight back chairs.
3 Stools.

SYMBOLS
F Fluorescent lights - 2 light, rapid start, 48" strips, 40 watt bulbs.
PS. Pull switch.
Duplex Wall Outlet - 15 amp. unless otherwise noted.





GUARD RAIL TYPE "E" "F" & "G"

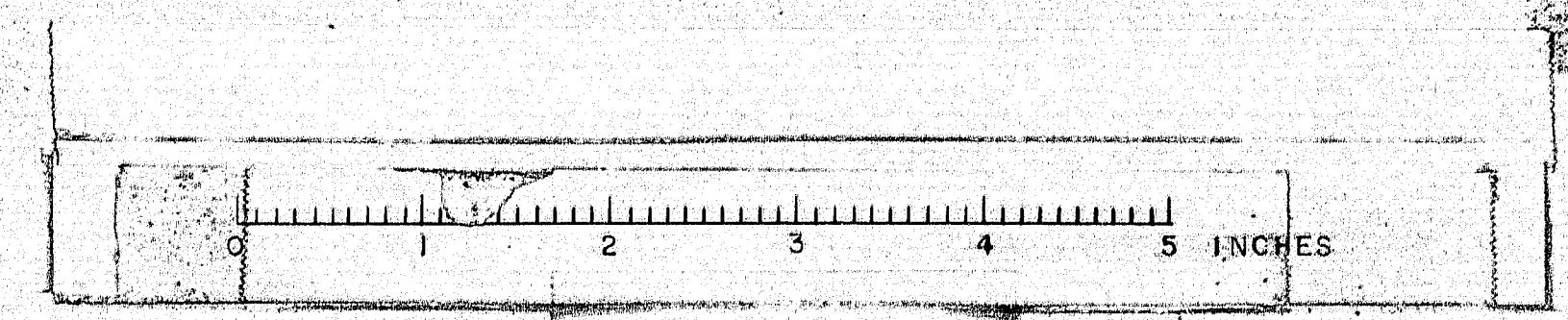


STANDARD DETAILS

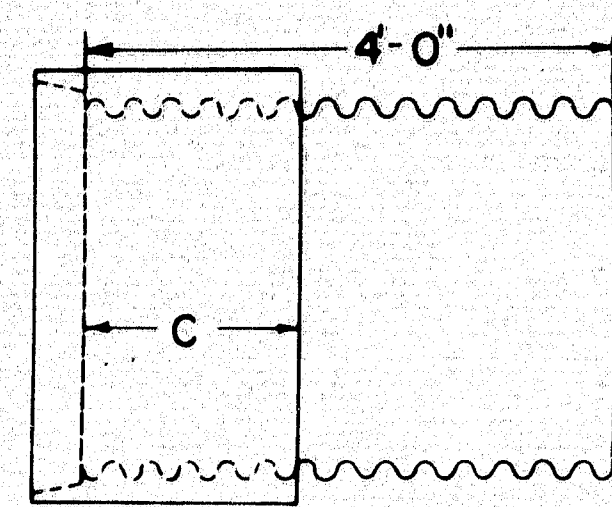
GUARD RAIL & FITTINGS

WIRE FENCING, METAL SLUICE & GUARD RAIL FLARE

JUNE 2-64



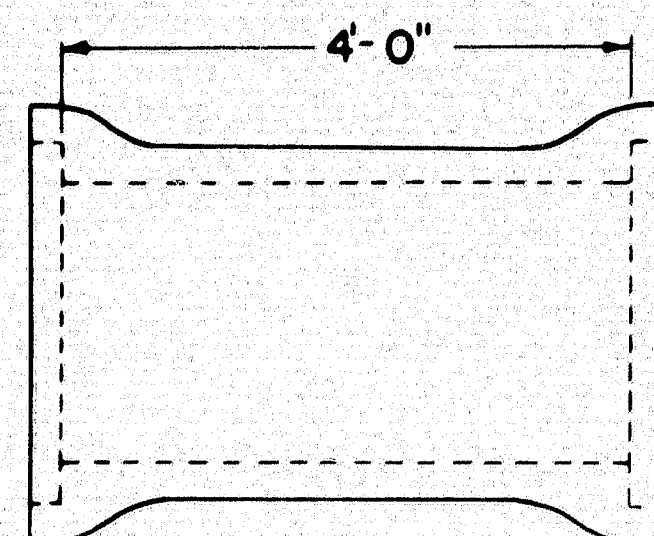
PIPE CONNECTIONS



GROOVE END COMBINATION
For 24" to 72" inclusive, diameter connection
between concrete and metal pipe

"C" = 17" min. for sizes 30" to 48" incl.
"C" = 23" min. for sizes over 48"

Asphalt coated corrugated metal pipe
shall conform to the latest
standard specifications

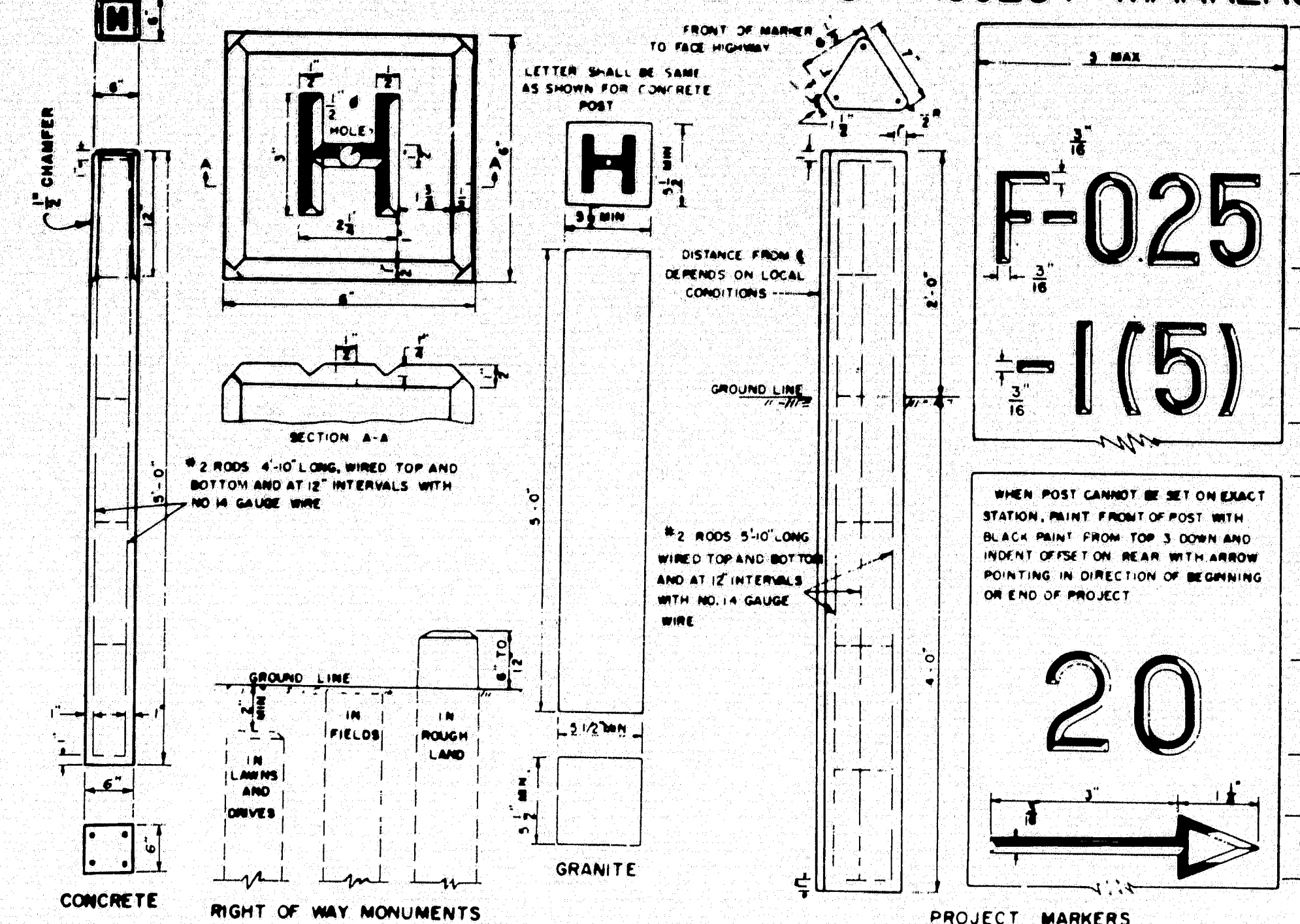


**REINFORCED CONCRETE PIPE CONNECTOR
DOUBLE BELL**

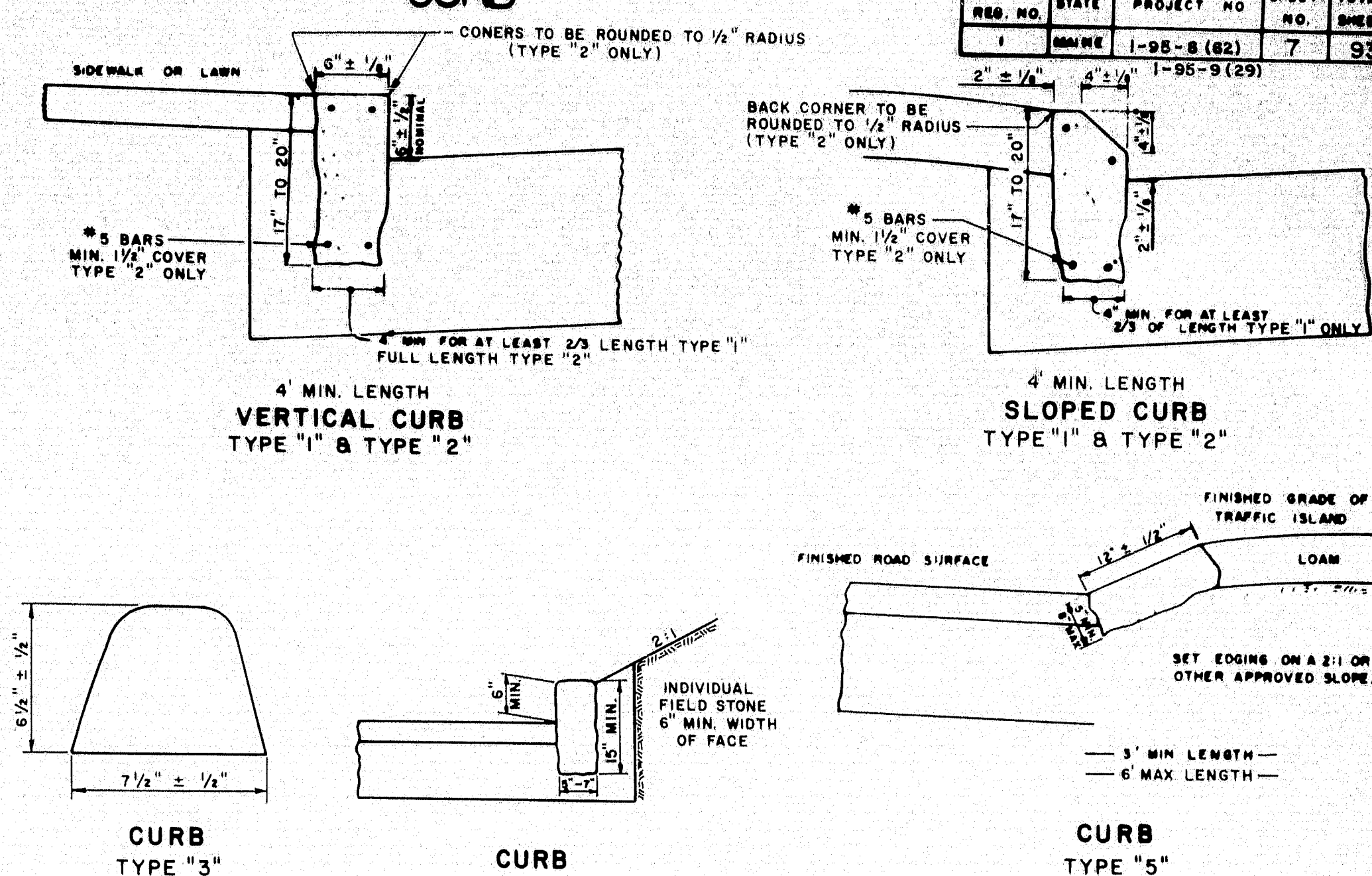
For 12" to 18" inclusive, diameter connection
between concrete and metal pipe

Reinforced concrete pipe shall
conform to the latest standard
specifications

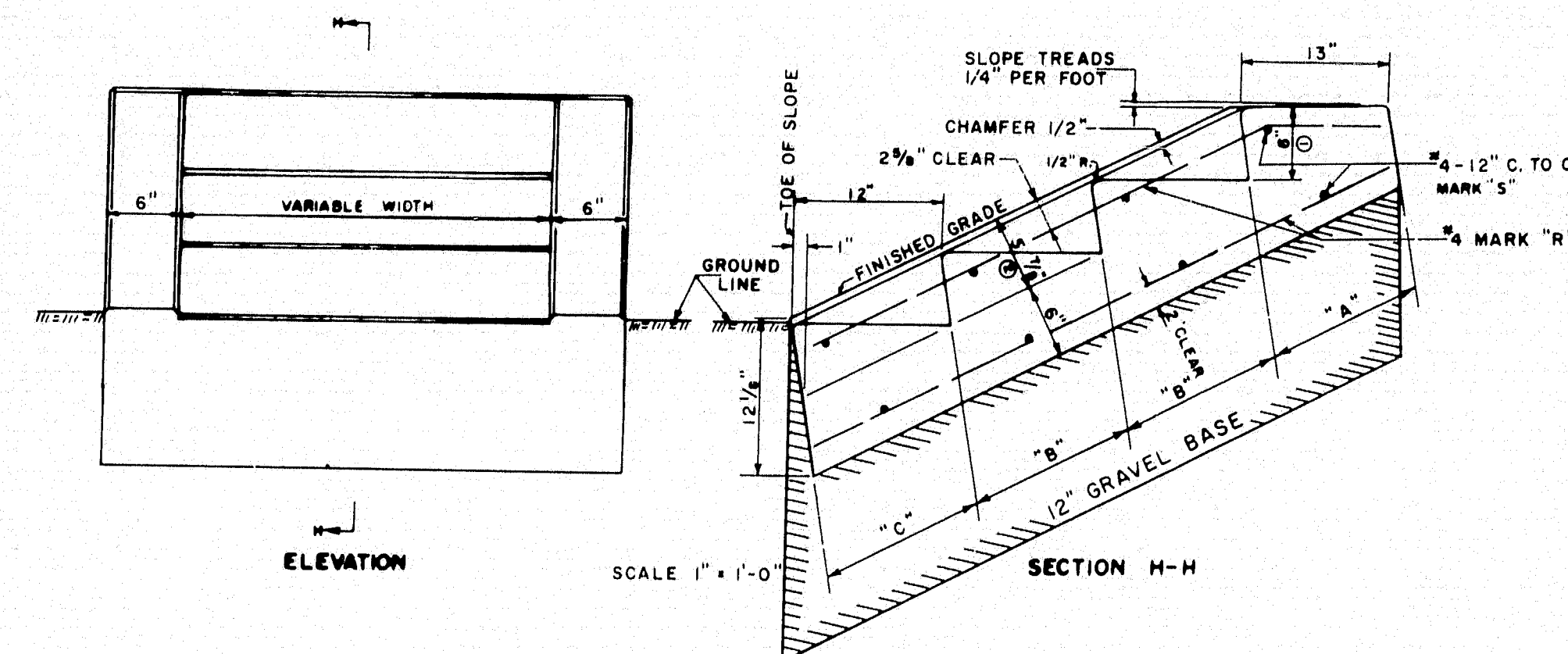
RIGHT OF WAY MONUMENTS & PROJECT MARKERS



CURB



CONCRETE STEPS



CONCRETE CLASS "A"			
SECTION	STEPS PER FT. OF WIDTH	PARAPET EACH WALL	
"A" HEADER	.030 CU. YDS.	.015 CU. YDS.	
"B" EA. INTER ST.	.030 CU. YDS.	.020 CU. YDS.	
"C" FOOTER	.030 CU. YDS.	.020 CU. YDS.	

PAY ITEMS

ITEM NO.	DESCRIPTION
204-10	Struct. earth excav.-drain.
204-11	Struct. rock excav.-drain.
302-14	Gravel for foundations
705-13	Reinforcing steel, delivered
705-14	Reinforcing steel, placed
904-11	Reinforced concrete steps

CONCRETE CLASS "A"			
SECTION	STEPS PER FT. OF WIDTH	PARAPET EACH WALL	
"A" HEADER	.035 CU. YDS.	.018 CU. YDS.	
"B" EA. INTER ST.	.035 CU. YDS.	.024 CU. YDS.	
"C" FOOTER	.035 CU. YDS.	.024 CU. YDS.	

REINFORCING STEEL			
MARK	SIZE	NUMBER	LENGTH (EACH)
R	#4	2 EACH PARAPET	11" FOR "A"
	.668 LBS PER FT.	1 EACH FT. OF WIDTH	+13.4" FOR EACH "B"
			+12" FOR "C"
S	#4	2 FOR "A"	4" EACH PARAPET
	.668 LBS PER FT.	2 FOR EACH "B"	+12" PER FT. OF WIDTH
		2 FOR "C"	

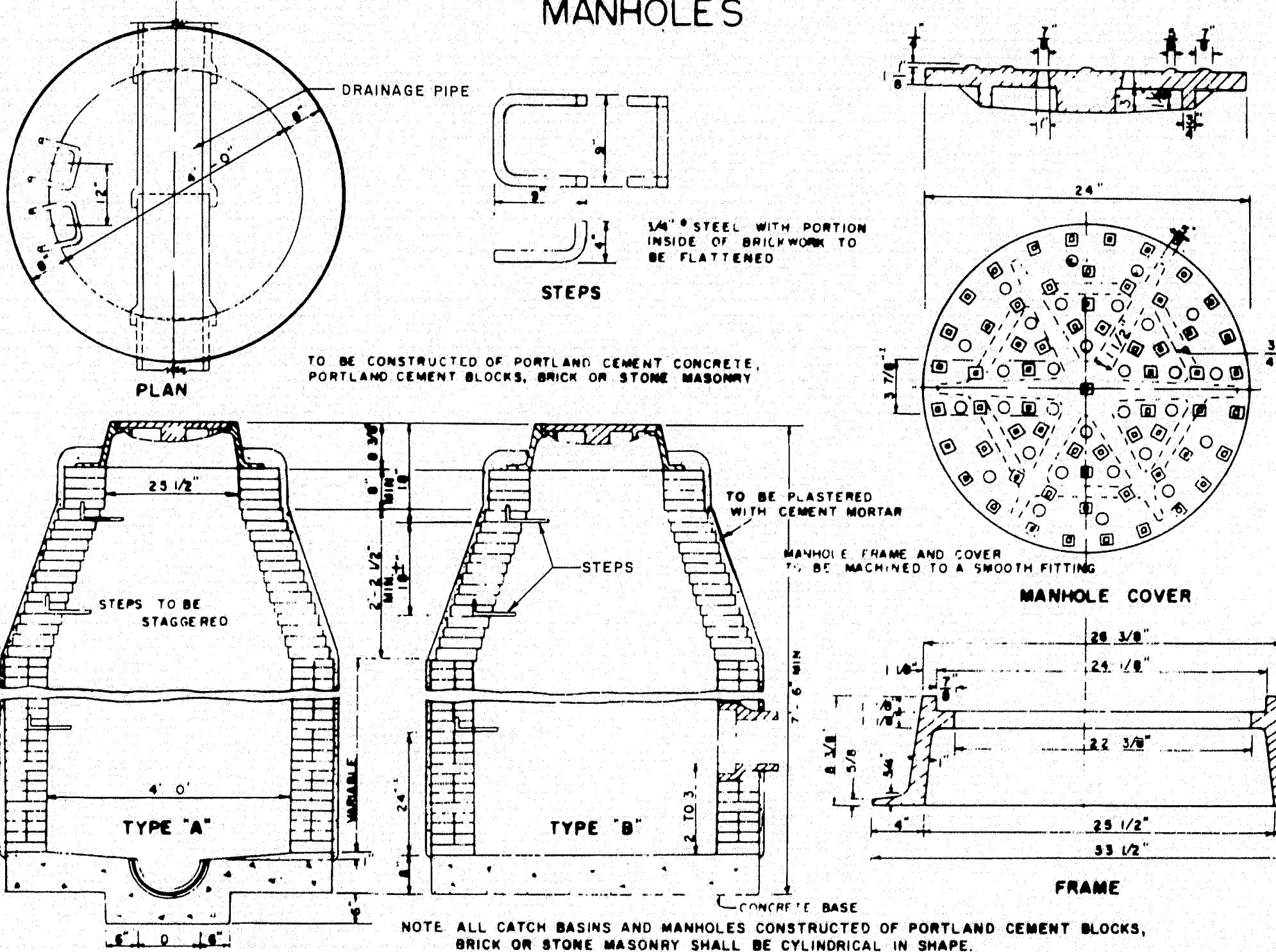
NOTE:

To determine the quantity of "Structural Excavation"
for payment refer to the "Standard Specifications"
section 204-6D, structural earth and rock excavation-
abutments and retaining wall or piers.

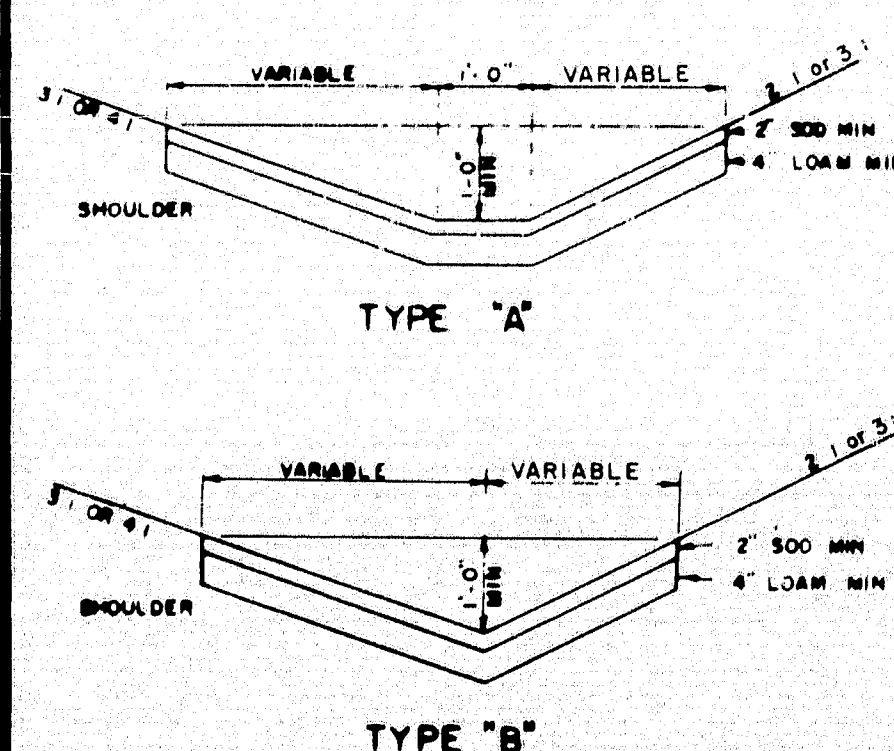
REINFORCING STEEL			
MARK	SIZE	NUMBER	LENGTH (EACH)
R	#4	2 EACH PARAPET	11" FOR "A"
	.668 LBS PER FT.	1 EACH FT. OF WIDTH	+14 1/4" FOR EACH "B"
			+12" FOR "C"
S	#4	2 FOR "A"	4" EACH PARAPET
	.668 LBS PER FT.	2 FOR EACH "B"	+12" PER FT. OF WIDTH
		2 FOR "C"	

① = 8"
② = 7 1/2"

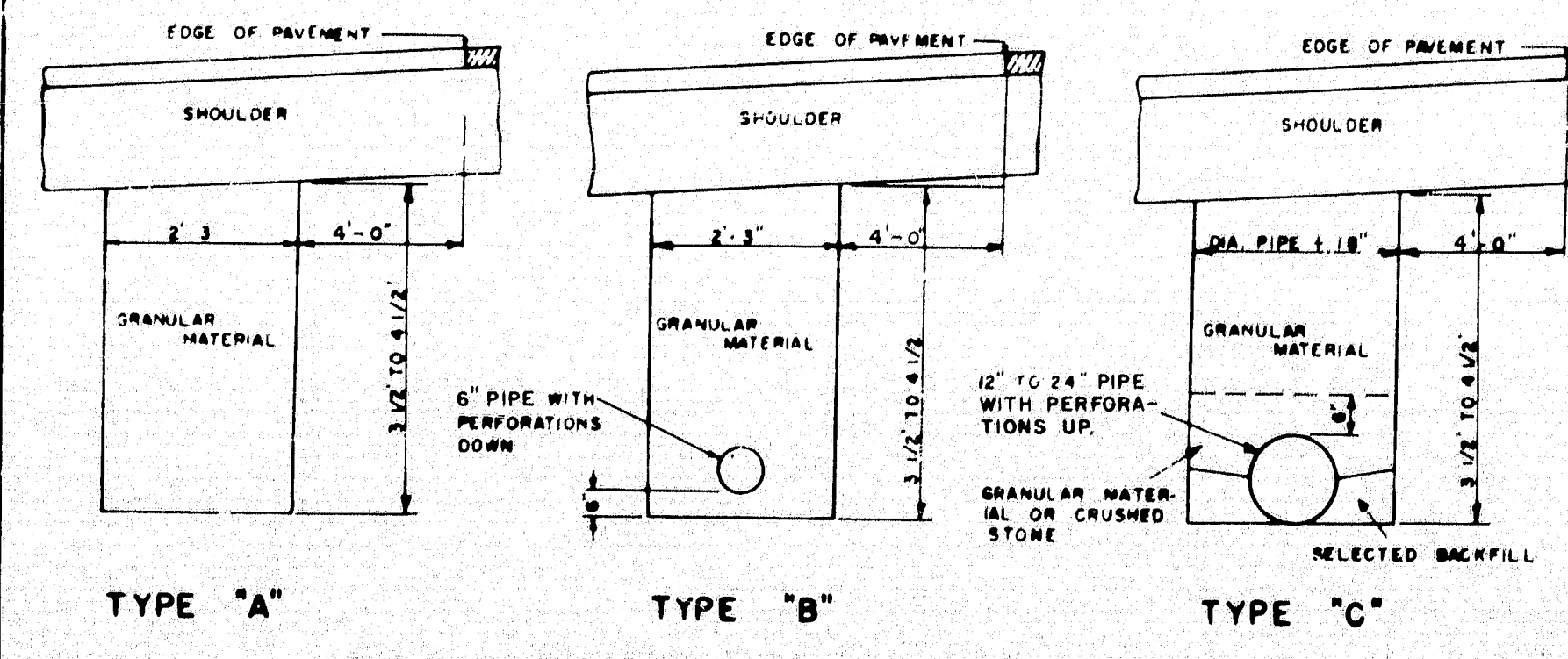
MANHOLES



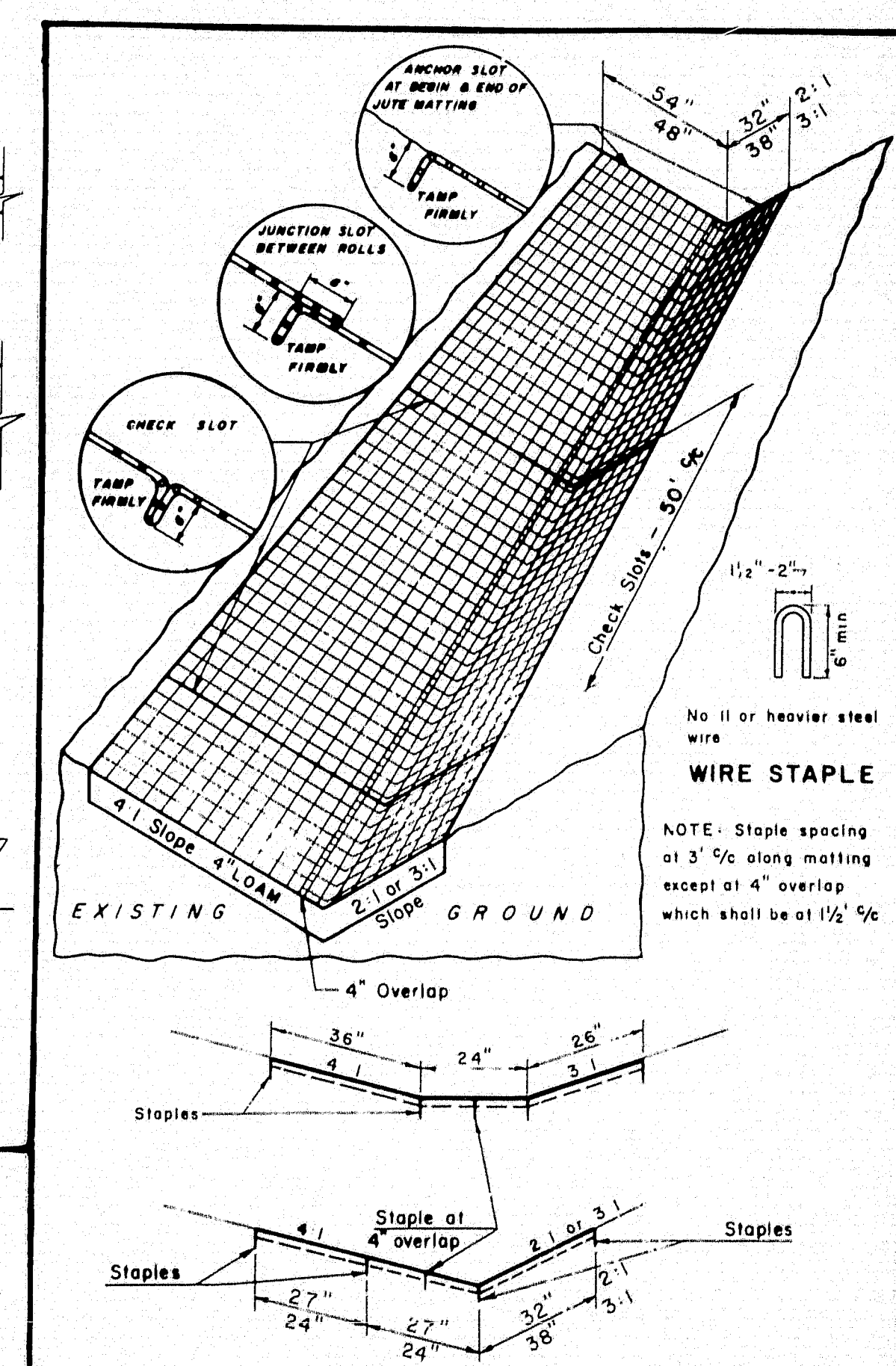
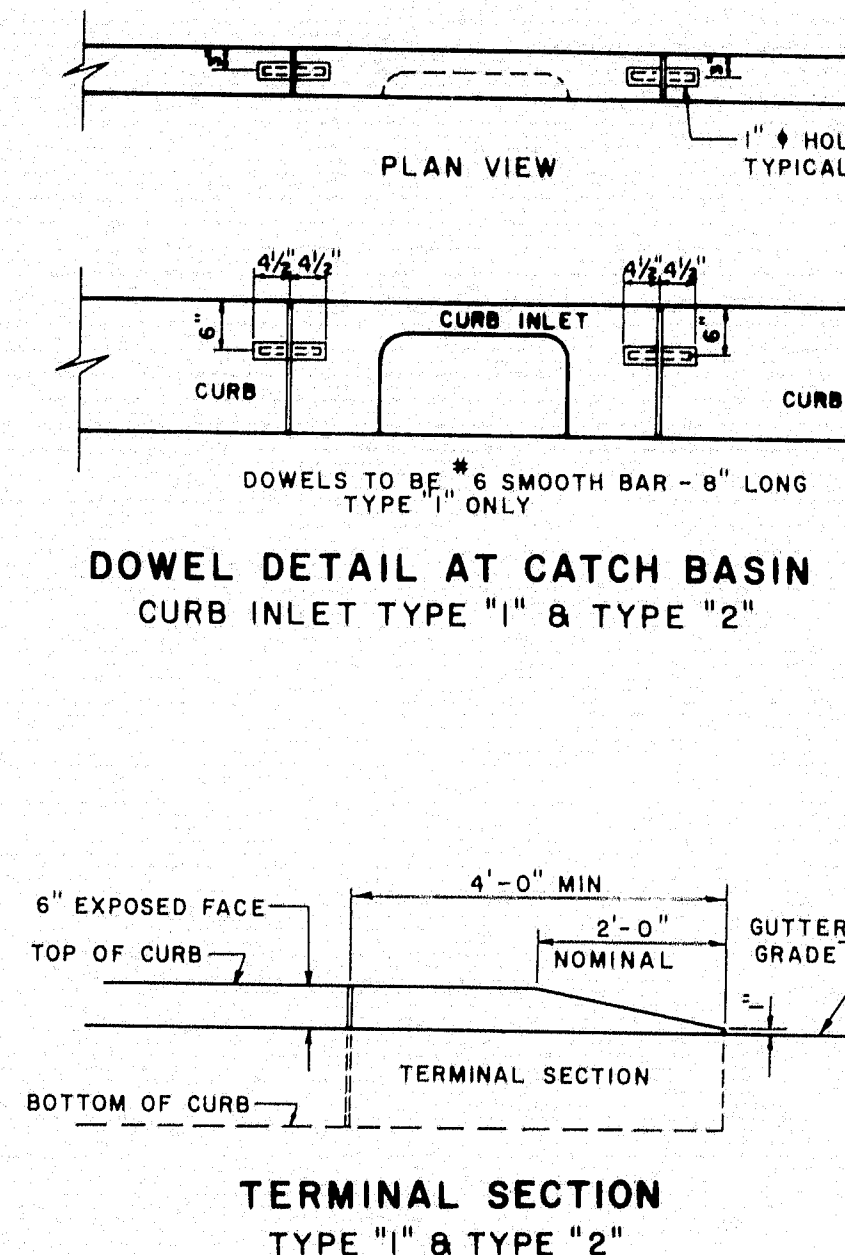
SODDED GUTTER



UNDERDRAIN



NOTE: IF FIELD CONDITIONS WARRANT, THE ENGINEER MAY
CHANGE THE DIMENSIONS DETAILED ABOVE.



JUTE MATTING - DITCH SECTION

MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

STANDARD DETAILS

MISCELLANEOUS ITEMS

SEPT.
3-64

99-7

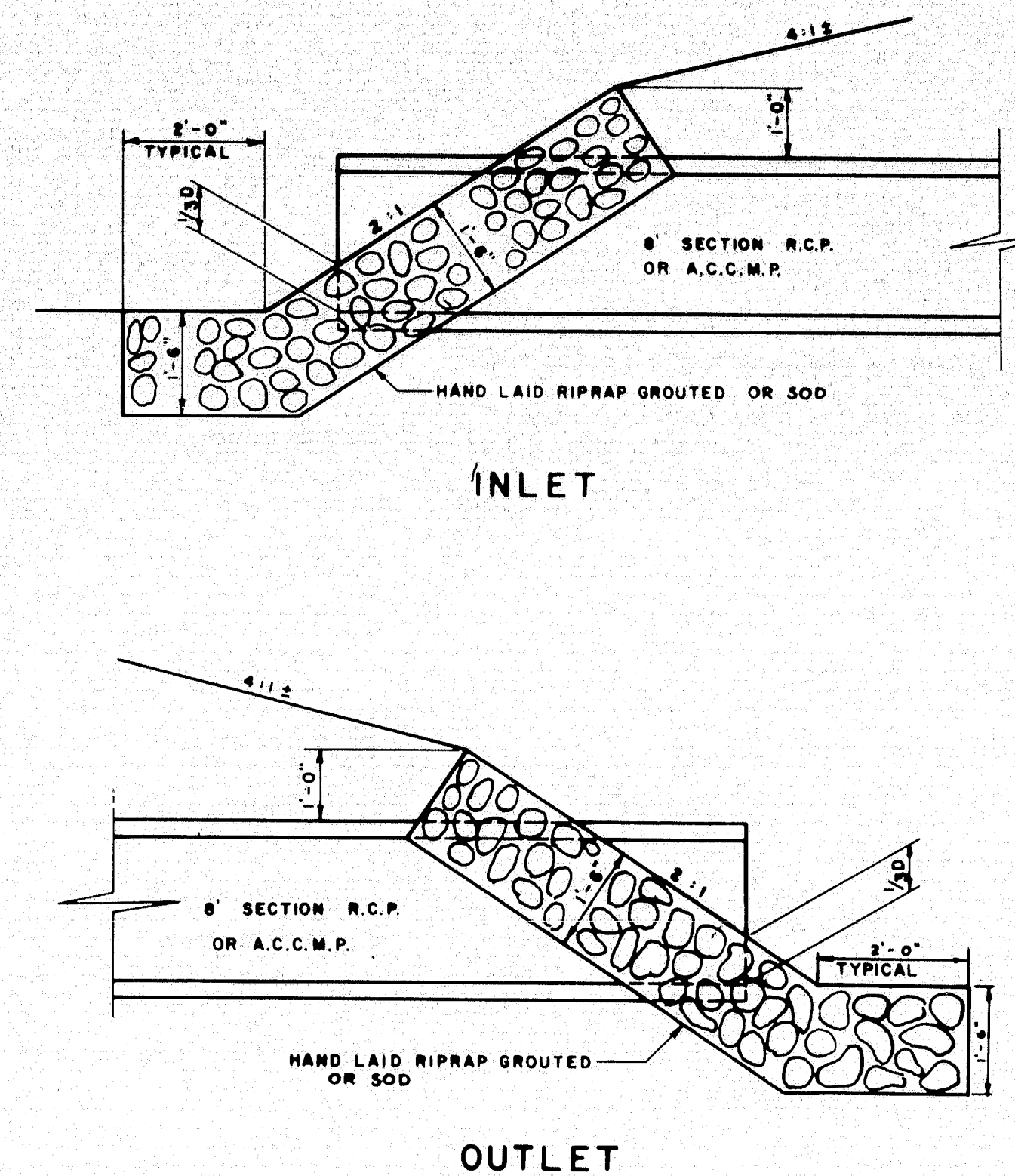
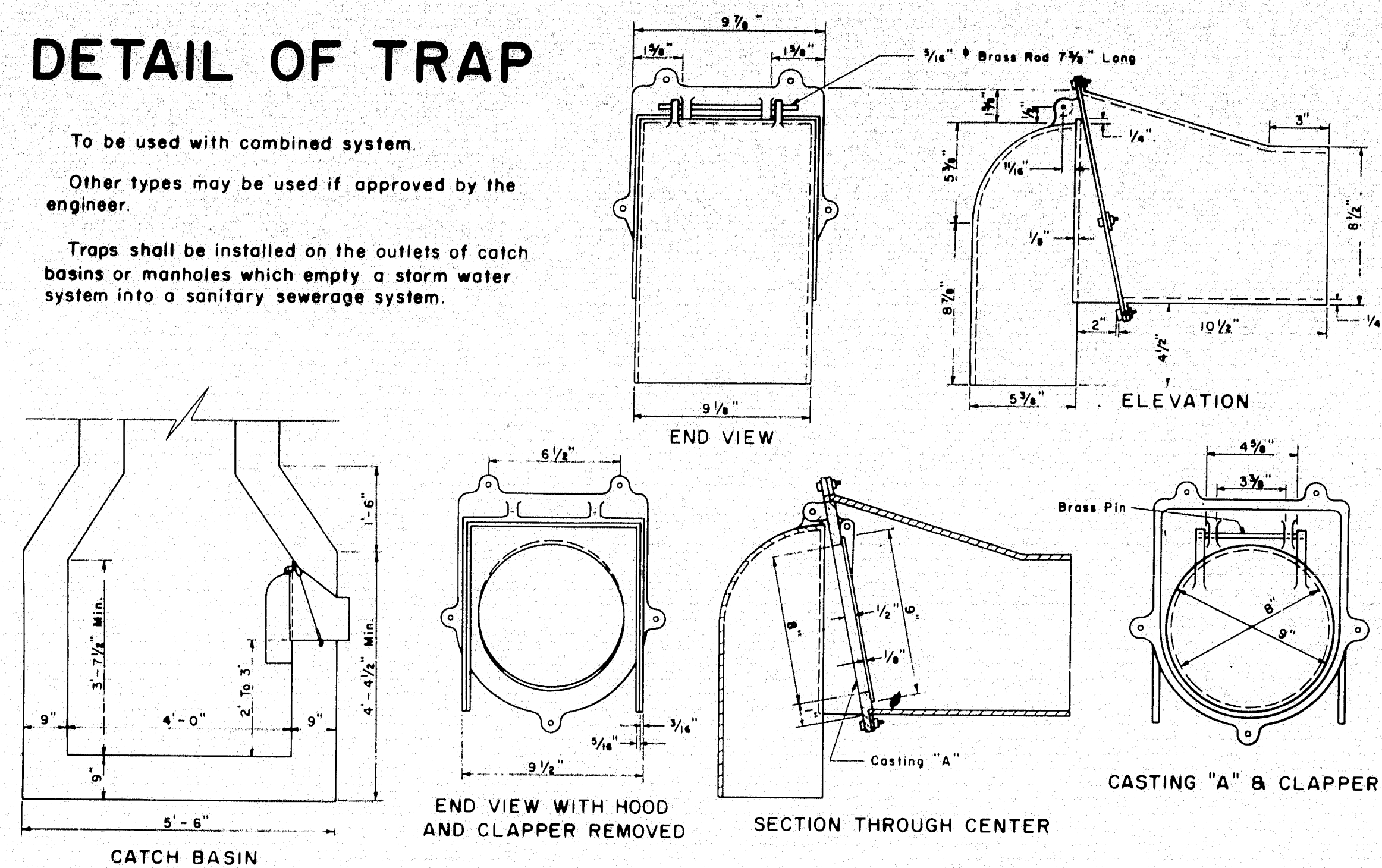
S - P R REGION NO.	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-8 (62)	8	93
		1-95-9 (29)		

DETAIL OF TRAP

To be used with combined system.

Other types may be used if approved by the engineer.

Traps shall be installed on the outlets of catch basins or manholes which empty a storm water system into a sanitary sewerage system.



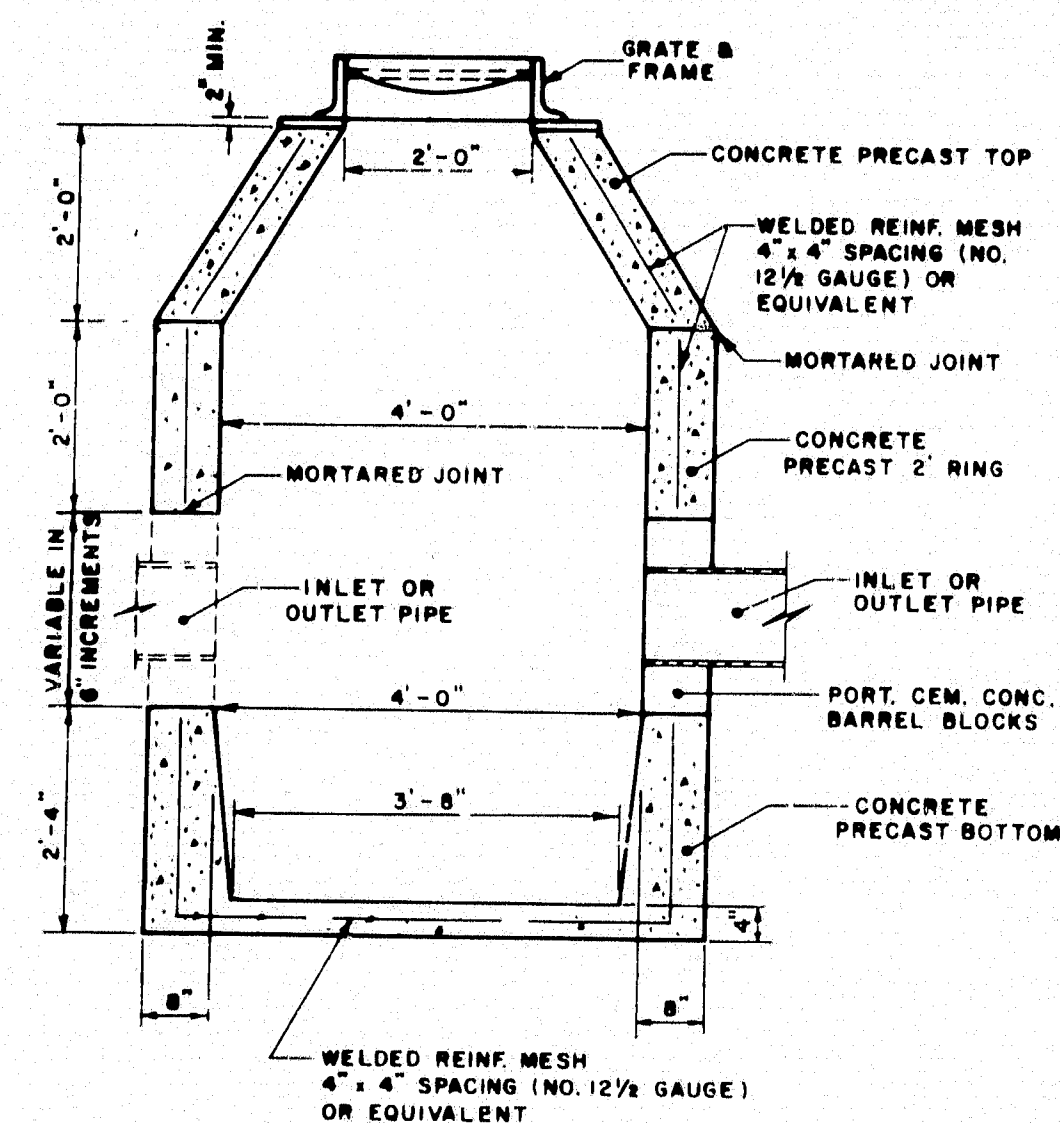
NOTE: $D_1 = D_2$

NOTE: CULVERTS INSTALLED UNDER 2:1 SLOPES SHALL HAVE THE RIP-RAP LAID ON A 2:1 SLOPE AND NO DITCH TRANSITIONS ARE REQUIRED.

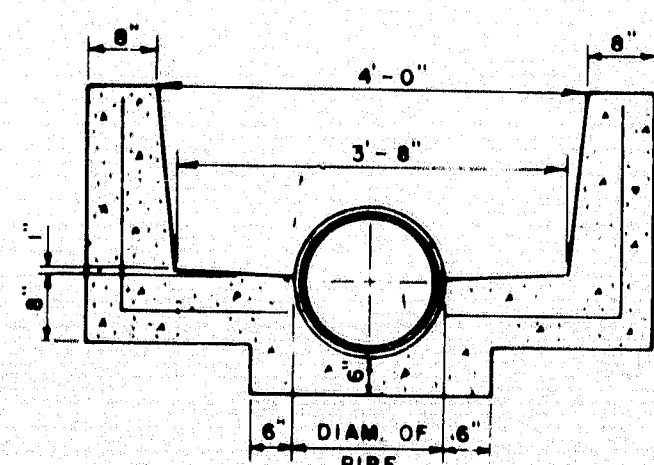
NOTE: EXCAVATION TO GRADE CULVERT INLETS AND OUTLETS BETWEEN THE 4:1 AND 2:1 SLOPE AND EXCAVATION FOR THE RIPRAP, IN CUT AREAS ONLY, WILL BE PAID FOR UNDER ITEM NO. 204-10 STRUCTURAL EARTH EXCAVATION-DRAINAGE.

STRUCTURAL EARTH EXCAVATION - DRAINAGE.

TYPICAL RIPRAP DETAIL FOR R.C.P. OR A.C.C.M.P.

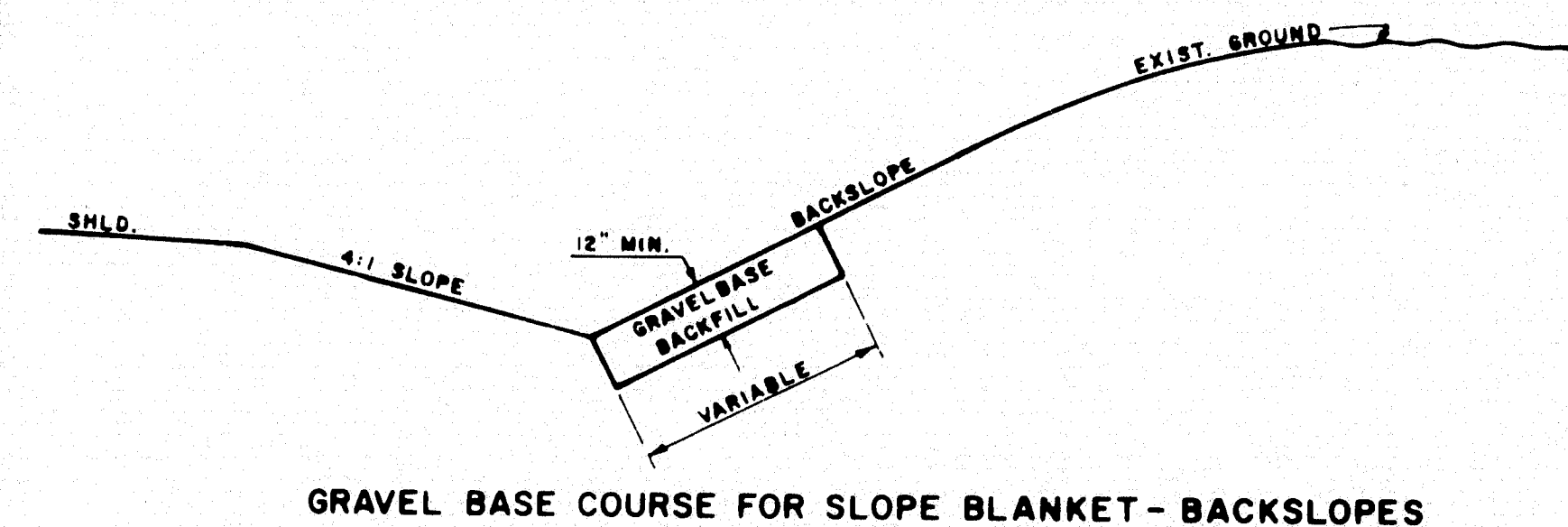


PRECAST PORTLAND CEMENT CONCRETE
CATCH BASINS
TYPES C, F, H & I - MANHOLE TYPE B

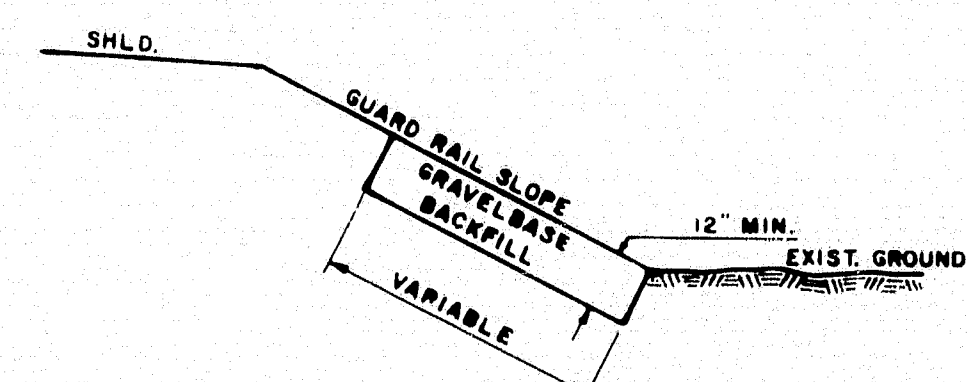


PRECAST PORTLAND CEMENT CONCRETE
CATCH BASIN TYPE G
MANHOLE TYPE A

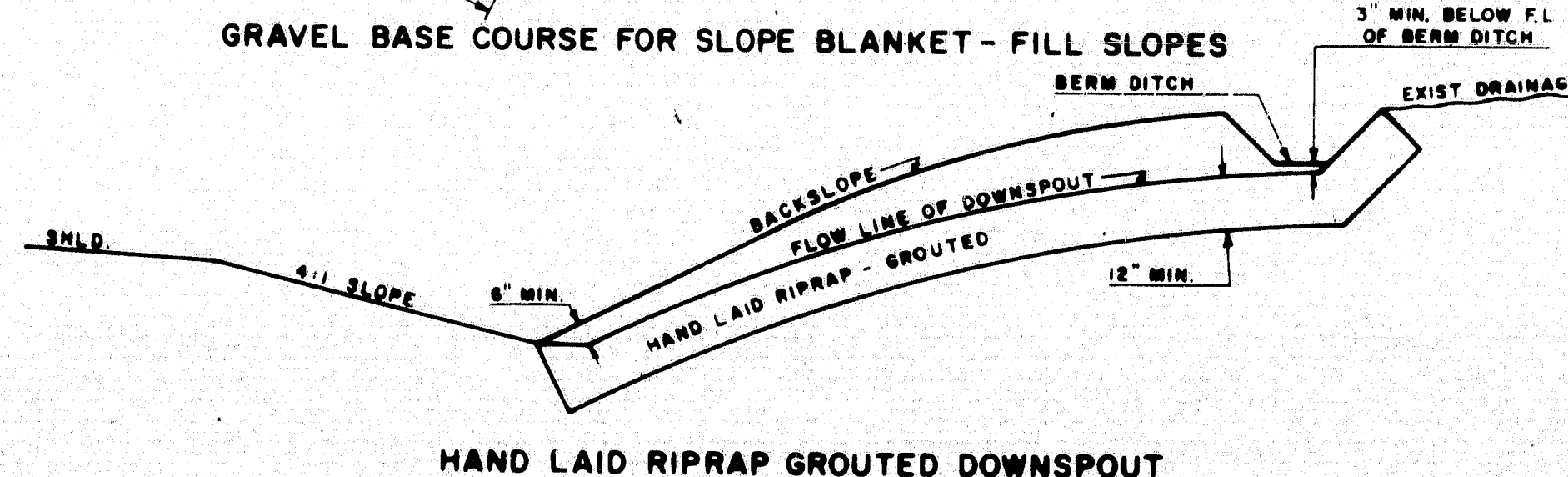
NOTE:
THE THREE SECTIONS DETAILED BELOW SHALL
BE USED WHEN DIRECTED BY THE ENGINEER
OR AS SHOWN ON THE PLANS



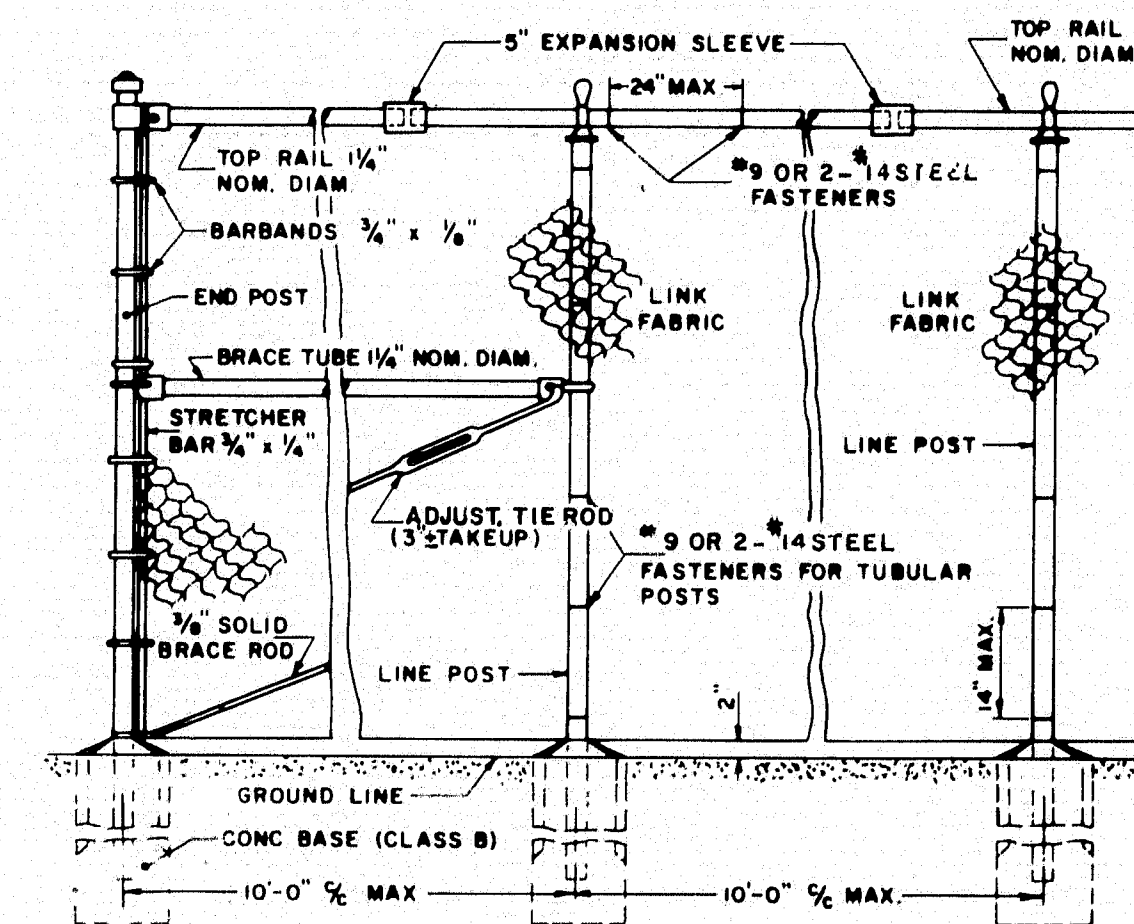
GRAVEL BASE COURSE FOR SLOPE BLANKET - BACKSLOPES



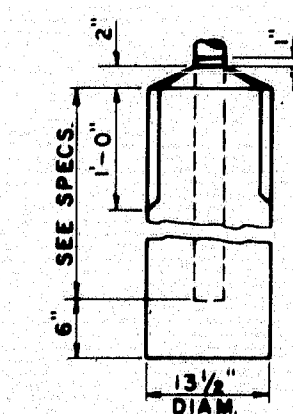
GRAVEL BASE COURSE FOR SLOPE BLANKET - FILL SLOPES



HAND LAID RIPRAP GROUTED DOWNSPOUT



PORTLAND CEMENT CONCRETE
(CLASS B)

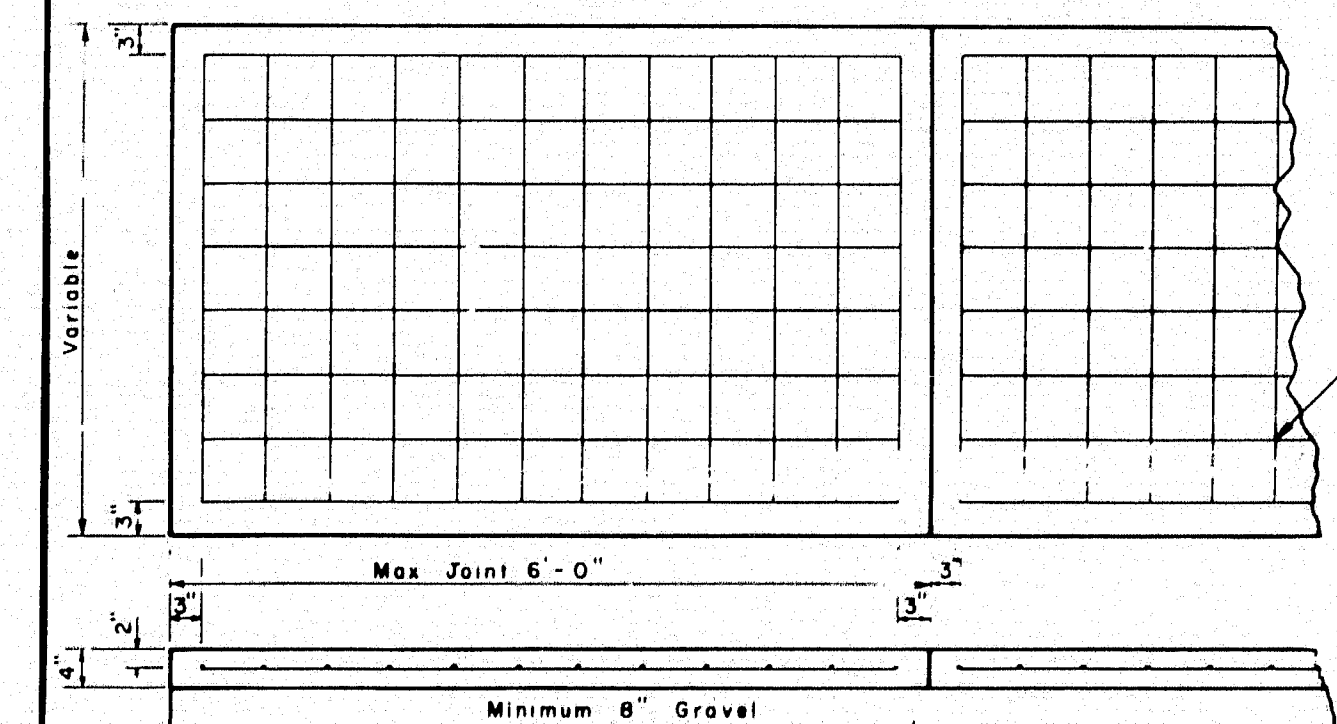


LINE, GATE AND
END POST BASE

NOTE
ROUND BASES MAY BE
SUBSTITUTED FOR THE
SQUARE BASES SHOWN
BY USING FIBRE TUBULAR
FORMS. SUBSTITUTIONS
SHALL BE AS FOLLOWS
13½" ID ROUND FOR 12"
SQUARE OR 15" SQUARE

" CHAIN LINK FENCE

REINFORCED PORTLAND CEMENT CONCRETE SIDEWALK



NOTE:
Sidewalk shall conform to
standard specifications
section 904.

Welded Steel Wire Fabric
6" x 6" 10/10
Approx Weight 21 lbs per
100 sq ft

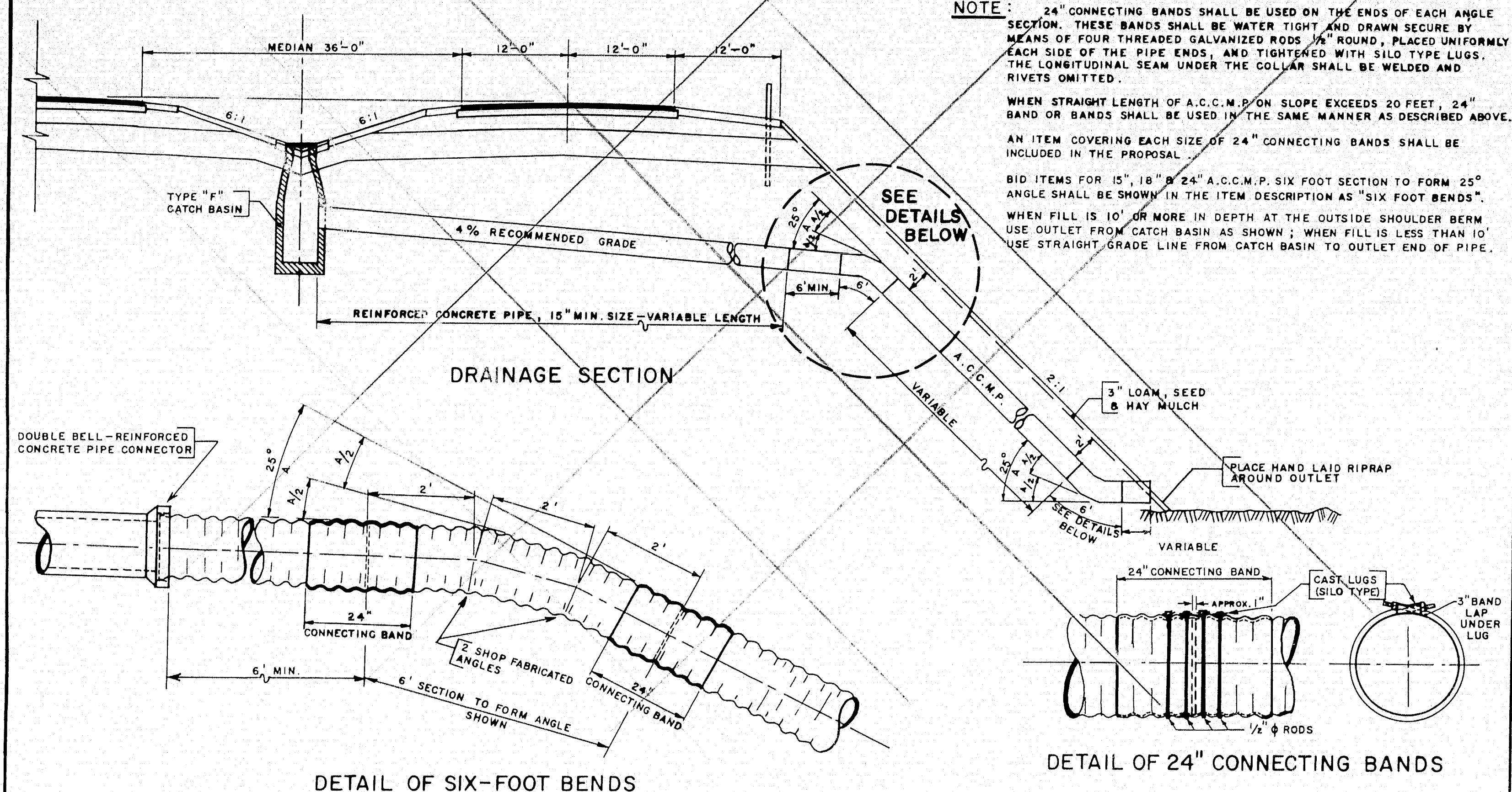
MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

STANDARD DETAILS

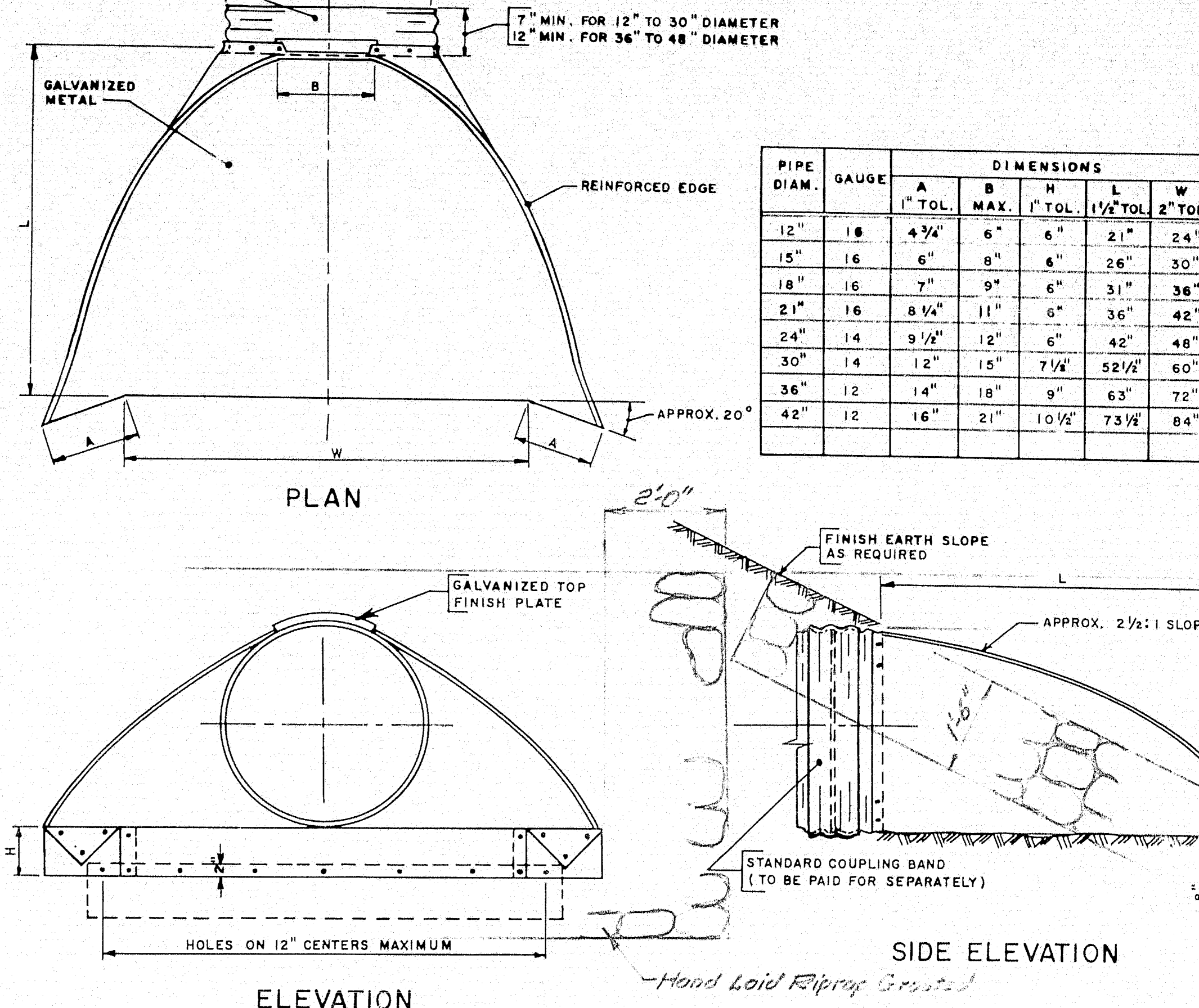
DETAIL OF TRAP; REINFORCED
PORTLAND CEMENT CONCRETE SIDEWALK,
CHAIN LINK FENCE, TYPICAL
RIPRAP DETAIL & PRECAST CATCH
BASINS & MANHOLES

SEPT.
-64

BENDS AND BANDS for A.C.C.M.P. MEDIAN DRAINAGE



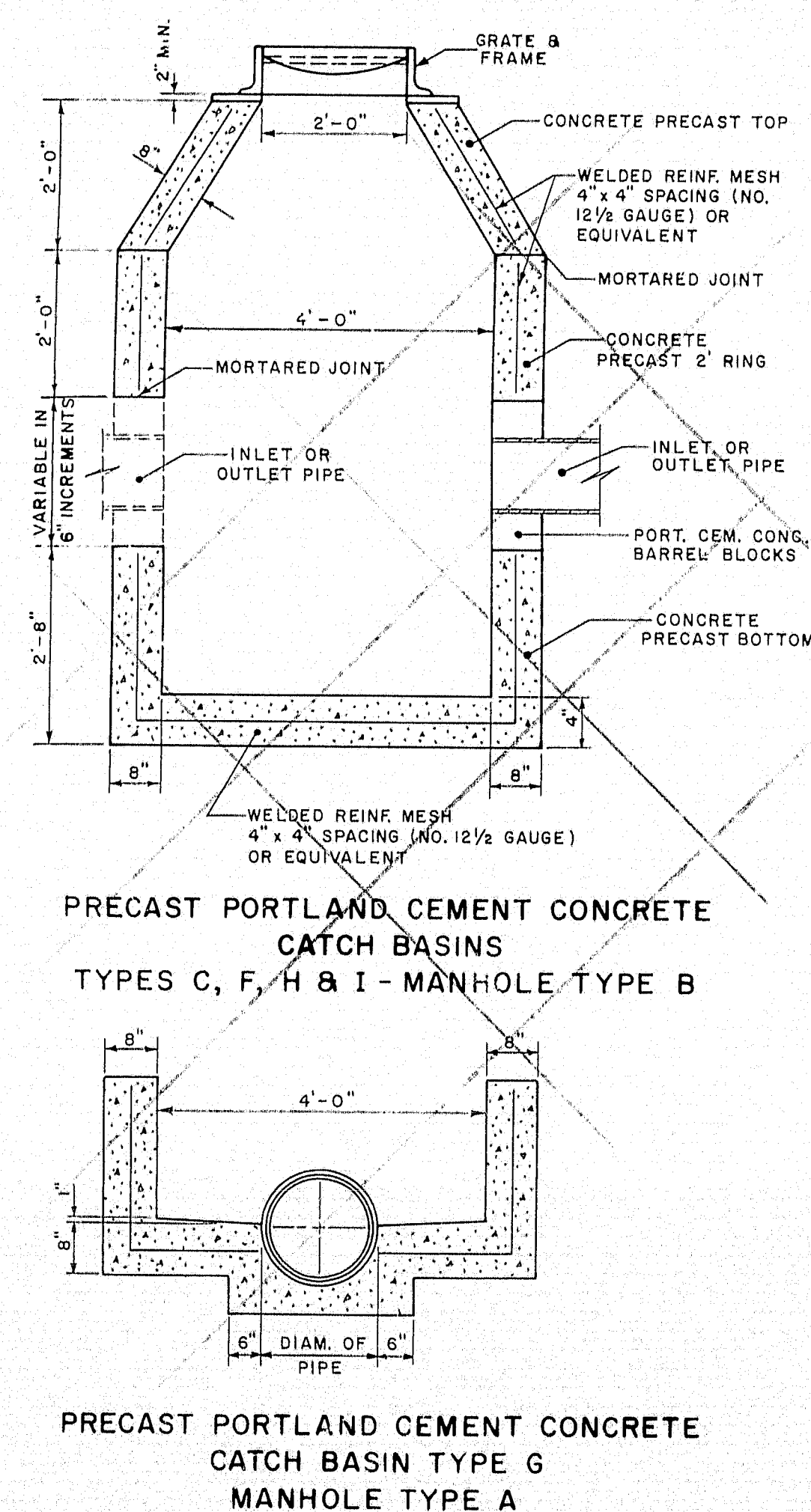
METAL ENDWALLS



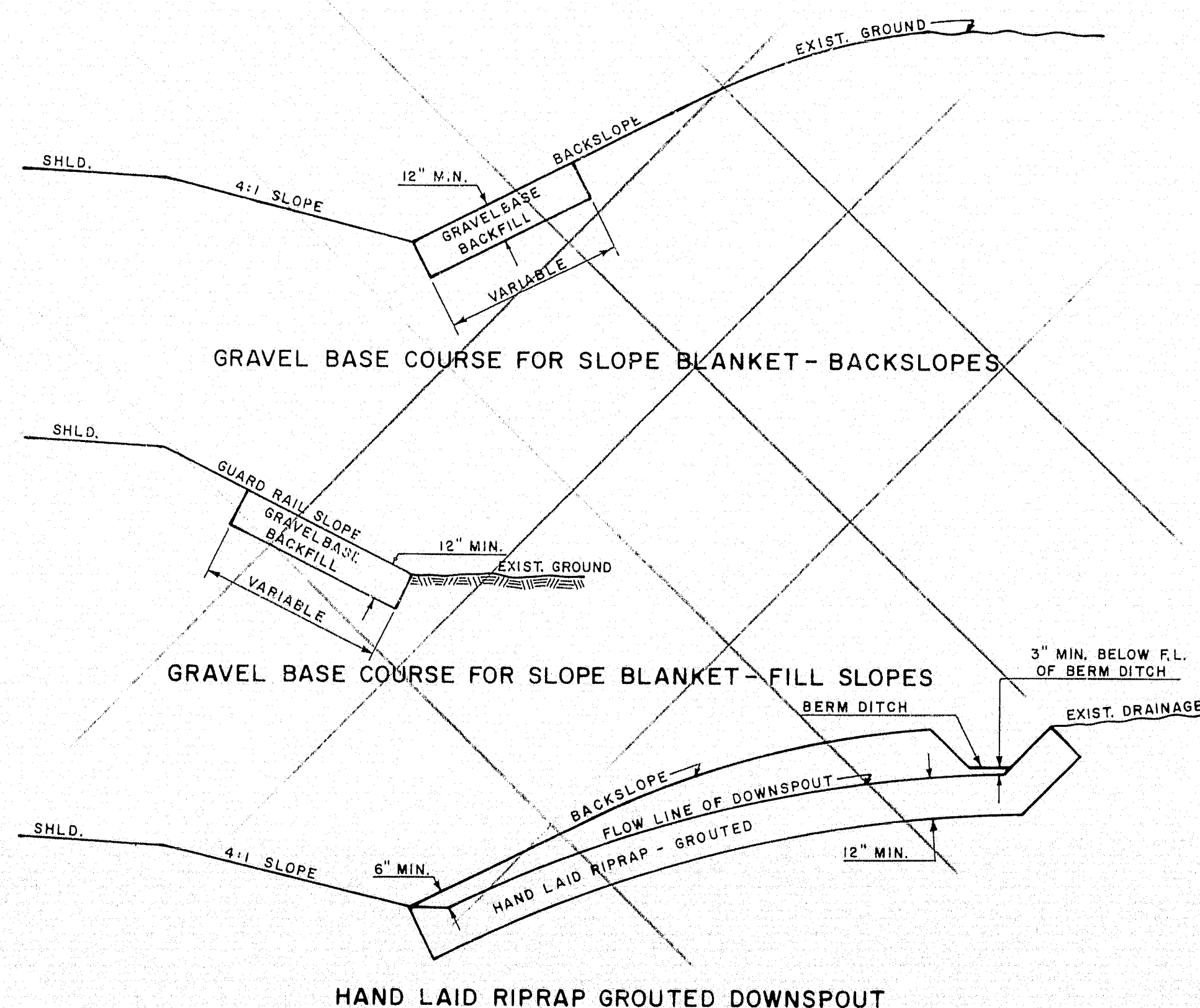
TOE PLATE TO BE PUNCHED TO MATCH HOLES IN SKIRT LIP. LENGTH OF TOE PLATE IS W+10" FOR 12" TO 30" DIAMETER PIPE, INCLUSIVE, AND W+22" FOR 36" TO 42" DIAMETER PIPE INCLUSIVE.

SKIRT SECTION FOR 12" TO 24" DIAMETER PIPE, INCLUSIVE, TO BE MADE IN ONE PIECE. SKIRT SECTION FOR 30" TO 48" DIAMETER PIPE MAY BE MADE FROM TWO SHEETS JOINED BY RIVETING OR BOLTING ON CENTERLINE.

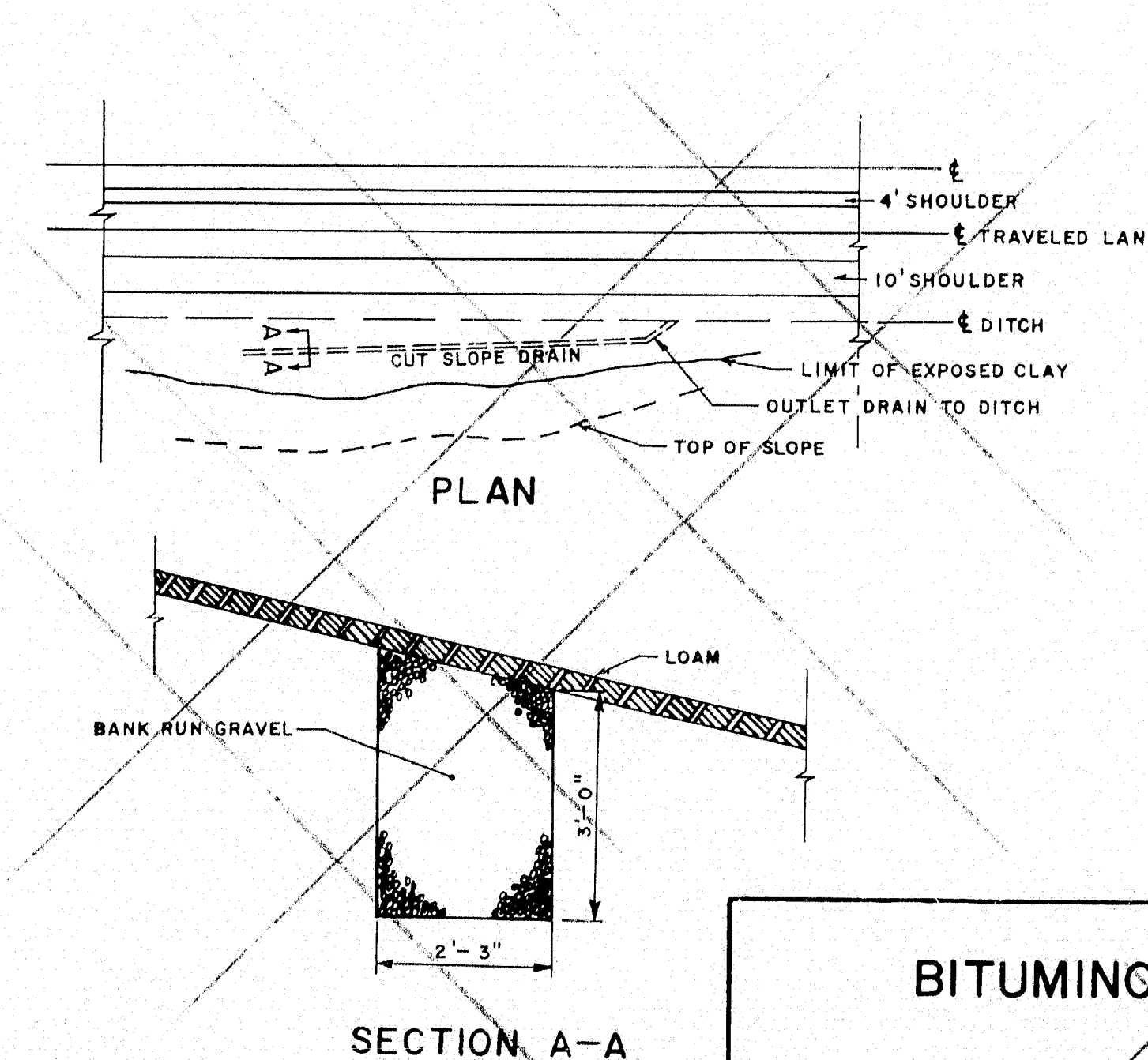
CONNECTOR SECTION, CORNER PLATE AND TOE PLATE TO BE SAME GAUGE AS SKIRT AND EACH TO BE GALVANIZED. TOE PLATE TO BE INCLUDED IN UNIT COST.



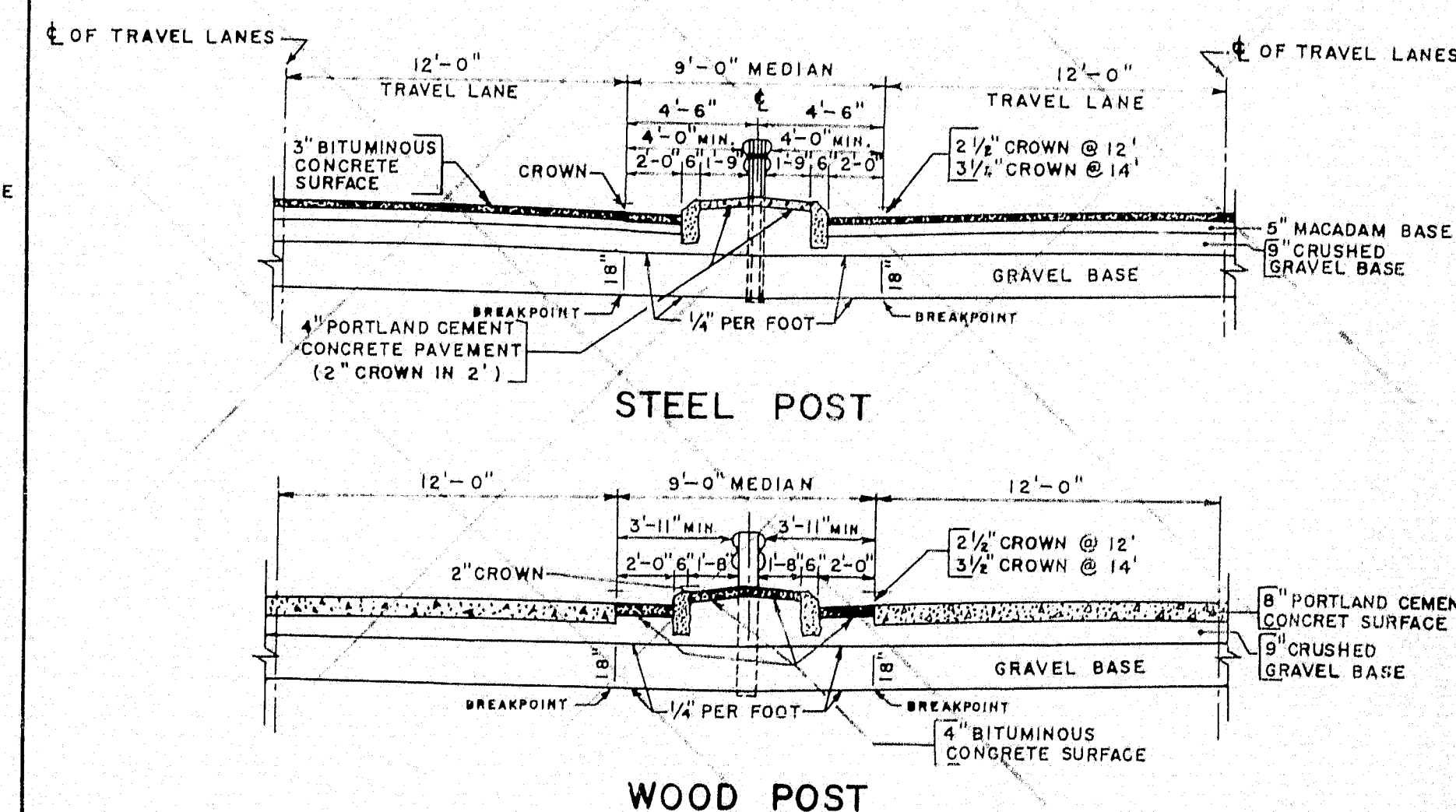
NOTE: THE THREE SECTIONS DETAILED BELOW SHALL BE USED WHEN DIRECTED BY THE ENGINEER OR AS SHOWN ON THE PLANS.



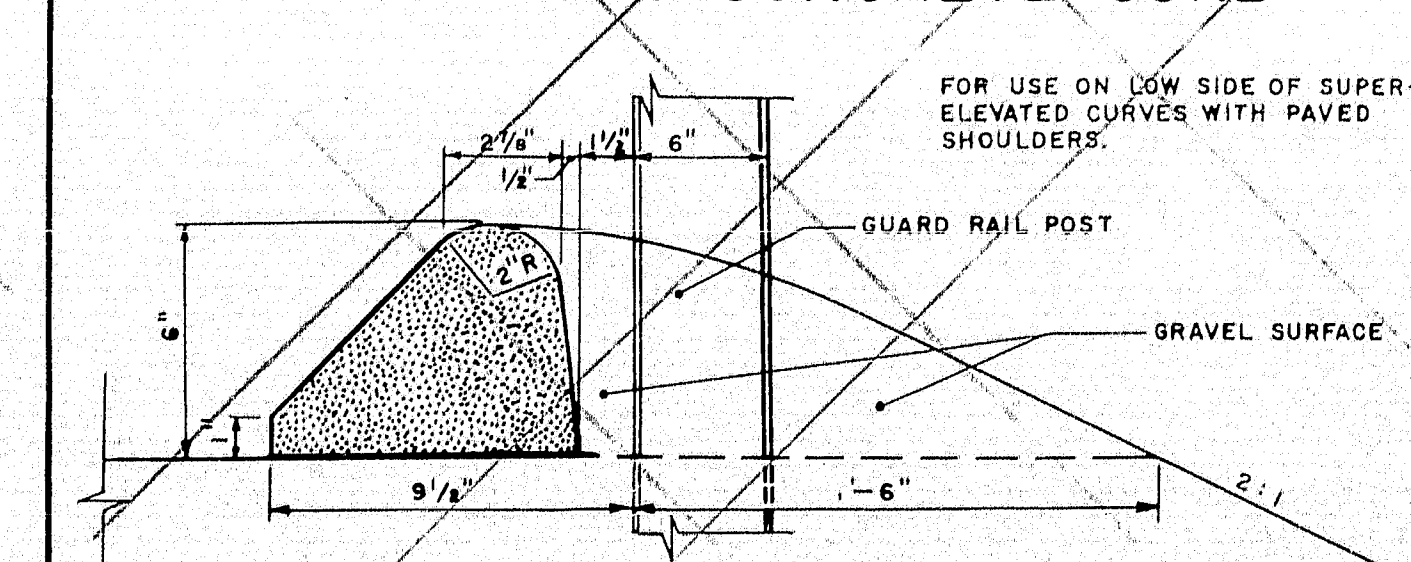
CUT SLOPE DRAIN



9-FOOT MEDIAN



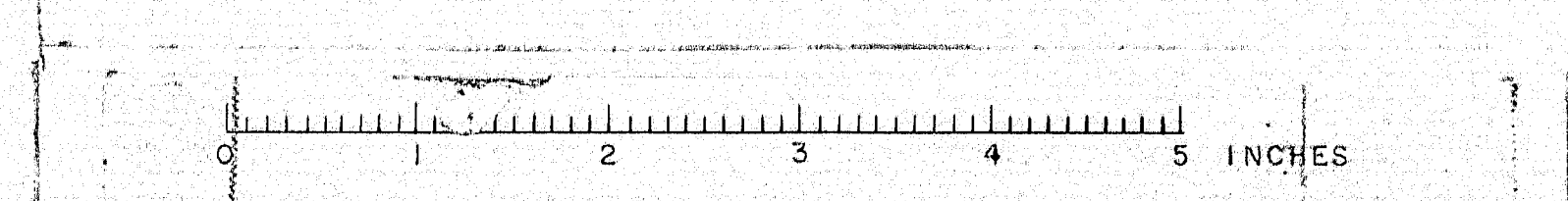
BITUMINOUS CONCRETE CURB

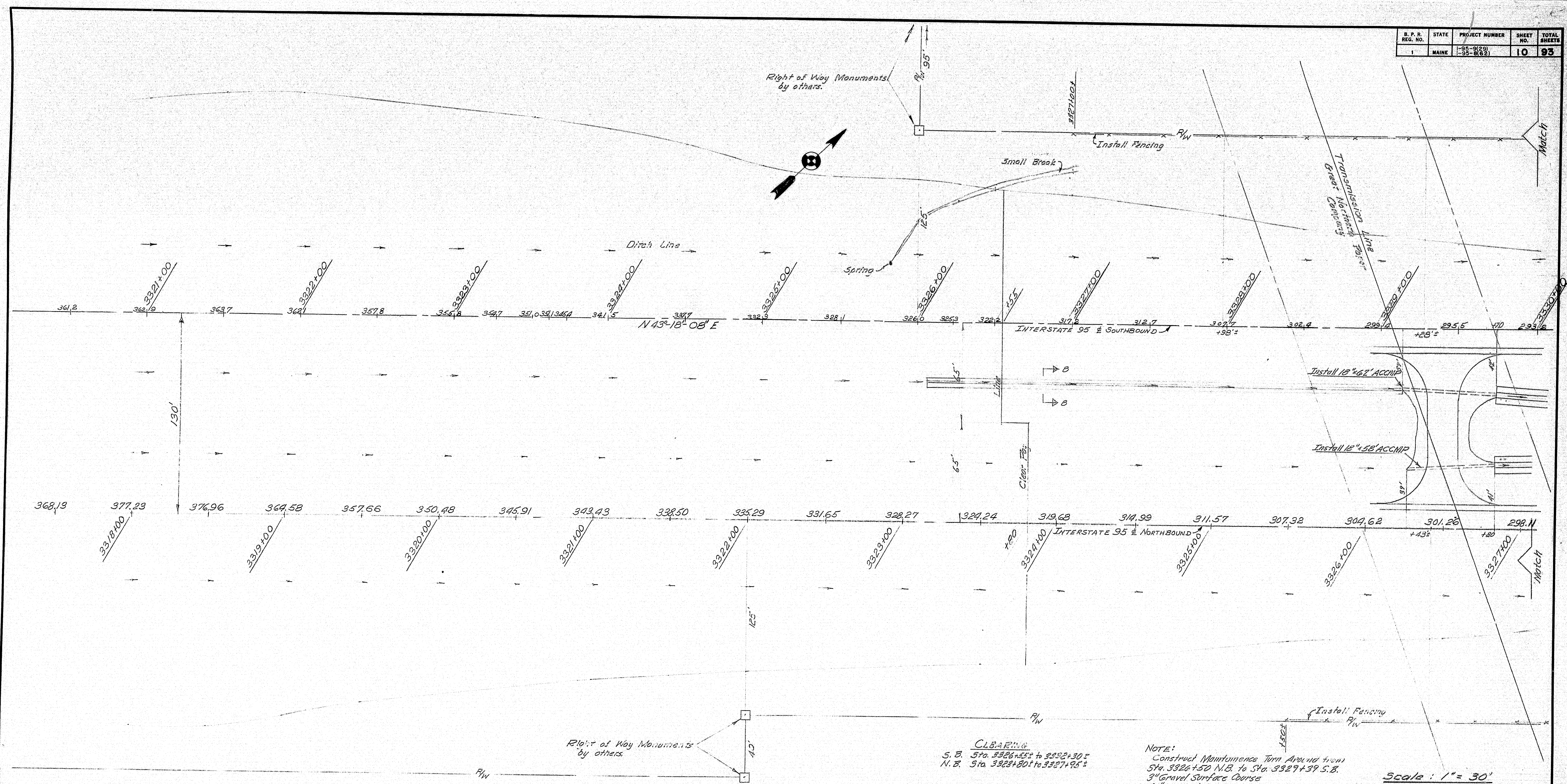


MAINE STATE HIGHWAY COMMISSION
AUGUSTA, MAINE

STANDARD DETAILS

BENDS-BANDS, METAL ENDWALLS,
GUARD RAIL ON RAMPS-CUT SLOPE
DRAIN-9-FOOT-MEDIAN-BITUMINOUS-
CONCRETE CURB

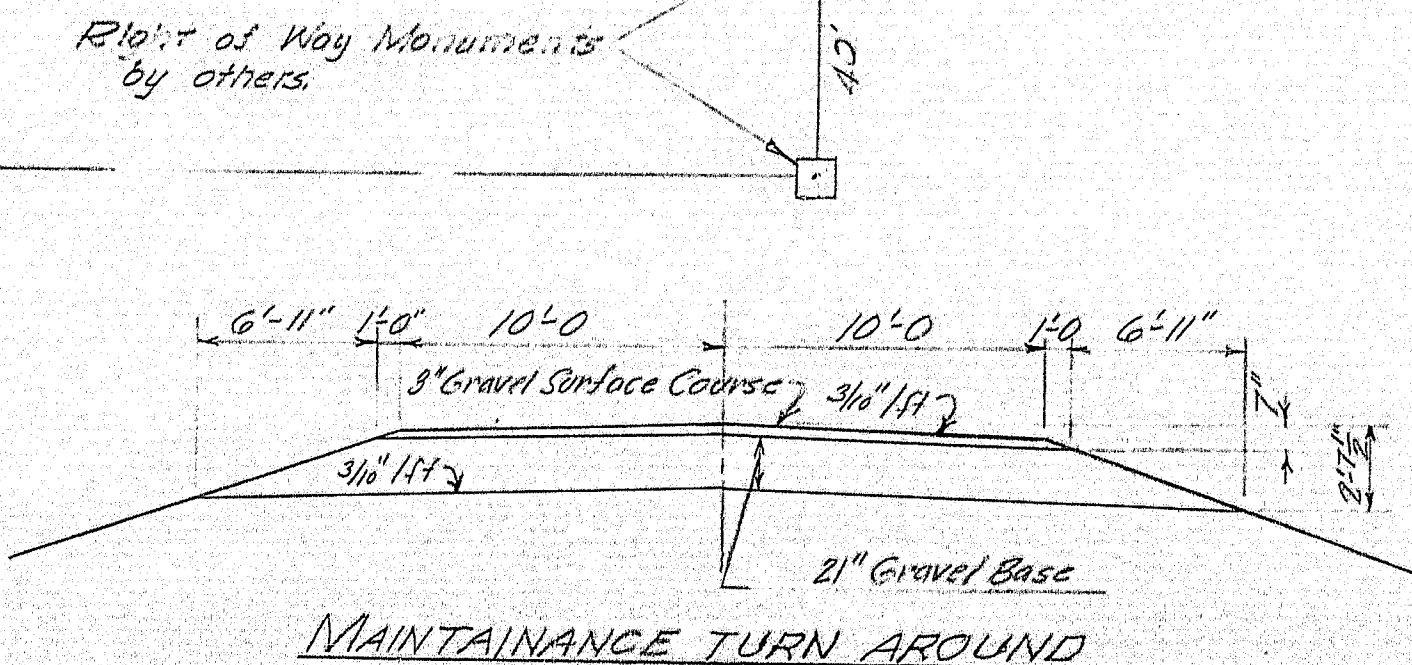




INTERSTATE GENERAL NOTES

1. All backlopes in earth shall be 3:1 unless noted.
2. All fill slopes below bottom of gravel base shall be loamed 2" unless otherwise directed by the Engineer.
3. All loam areas and depths must be authorized by the Engineer unless specified on the Sections, Plans or in the Specifications.
4. Seeding Method No. 2 and hay mulch on all slopes.
5. Grubbing in this spot, be done for a width as indicated by the heavy vertical tick marks shown on the cross sections and shall be for a maximum width as follows unless otherwise directed by the Engineer:
30' from & for 10' shoulders
25' from & for 4' shoulders
6. All utility facilities are to be adjusted as necessary by the respective utilities unless noted.

New England Telephone & Telegraph Co.
Bangor Hydro-Electric Co.



CLEARING
S.B. Sta. 3326+25 to 3327+30±
N.B. Sta. 3323+80 to 3327+95±

GRUBBING IN FILLS
S.B. Sta. 3330+25 to 3331+20± (195±)
N.B. Sta. 3321+90 to 3331+20± (100±)

JUTE MATTING - WEAVE "H"
S.B. Left Sta. 3321+10 to 3330+50
S.B. Right Sta. 3321+10 to 3329+12±
N.B. Left Sta. 3319+75 to 3326+25±

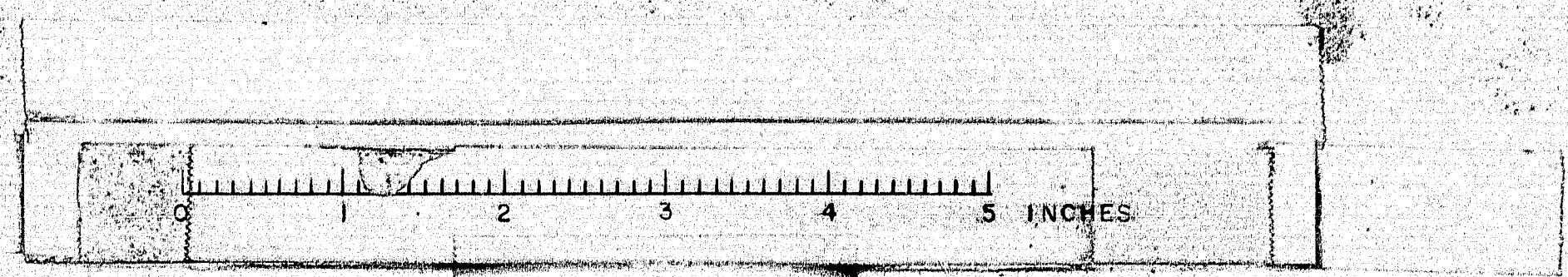
Note: Begin Hand Laid Riprap Grouted
Ditch N.B. Right Sta. 3319+25±
S.B. Right Sta. 3326+06±

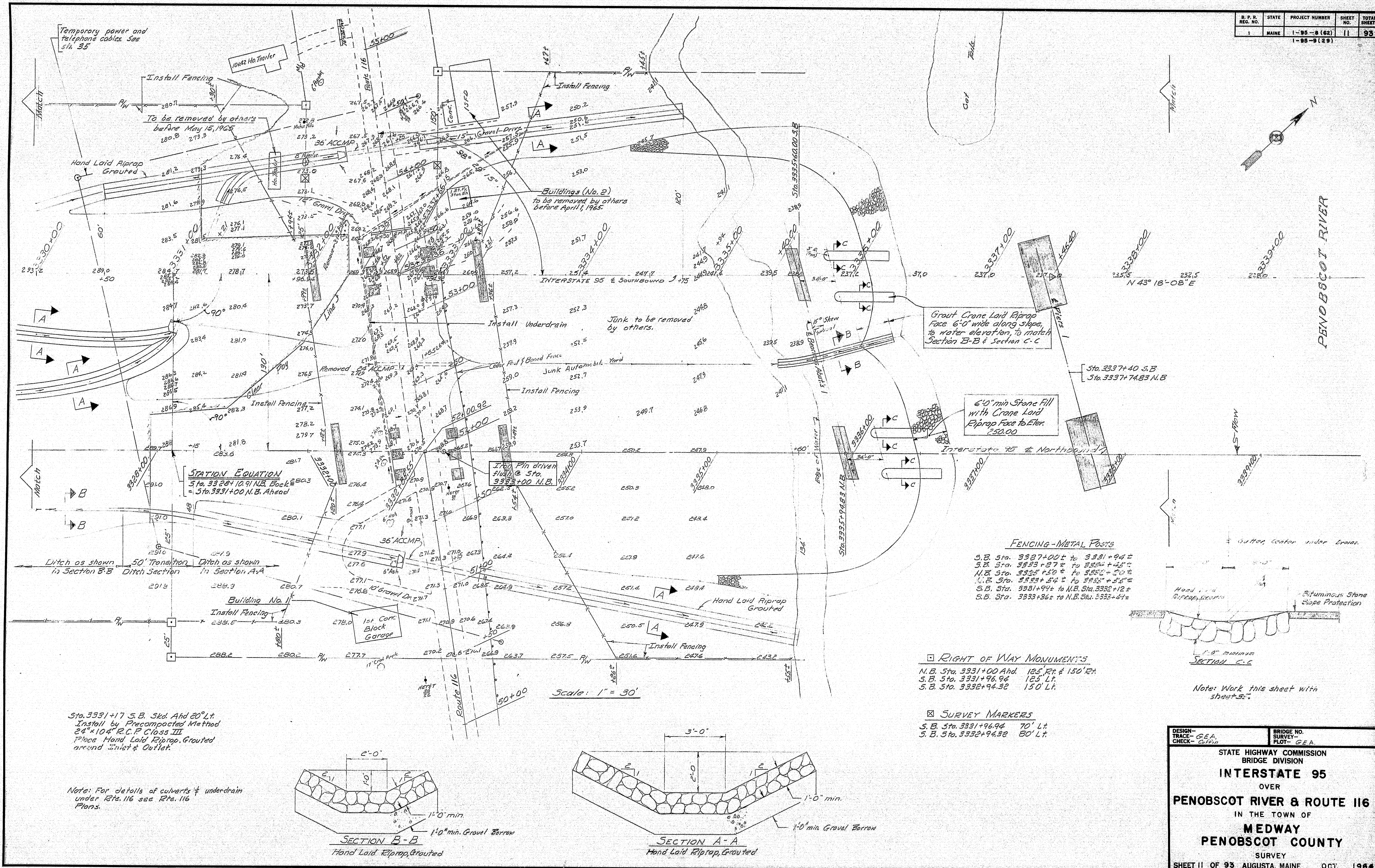
NOTE:
Construct Maintenance Turn Around from Sta. 3326+50 N.B. to Sta. 3329+39 S.B.
3" Gravel Surface Course
21" Gravel Base
Install 18" x 58" ACCMP Sta. 3326+50 N.B. 40' L. (2 Bends)
Install 18" x 62" ACCMP Sta. 3329+50 S.B. 41' L. (3 Bends)
Place Hand Laid Riprap Grouted around Inlets/Outlets

Scale: 1" = 30'

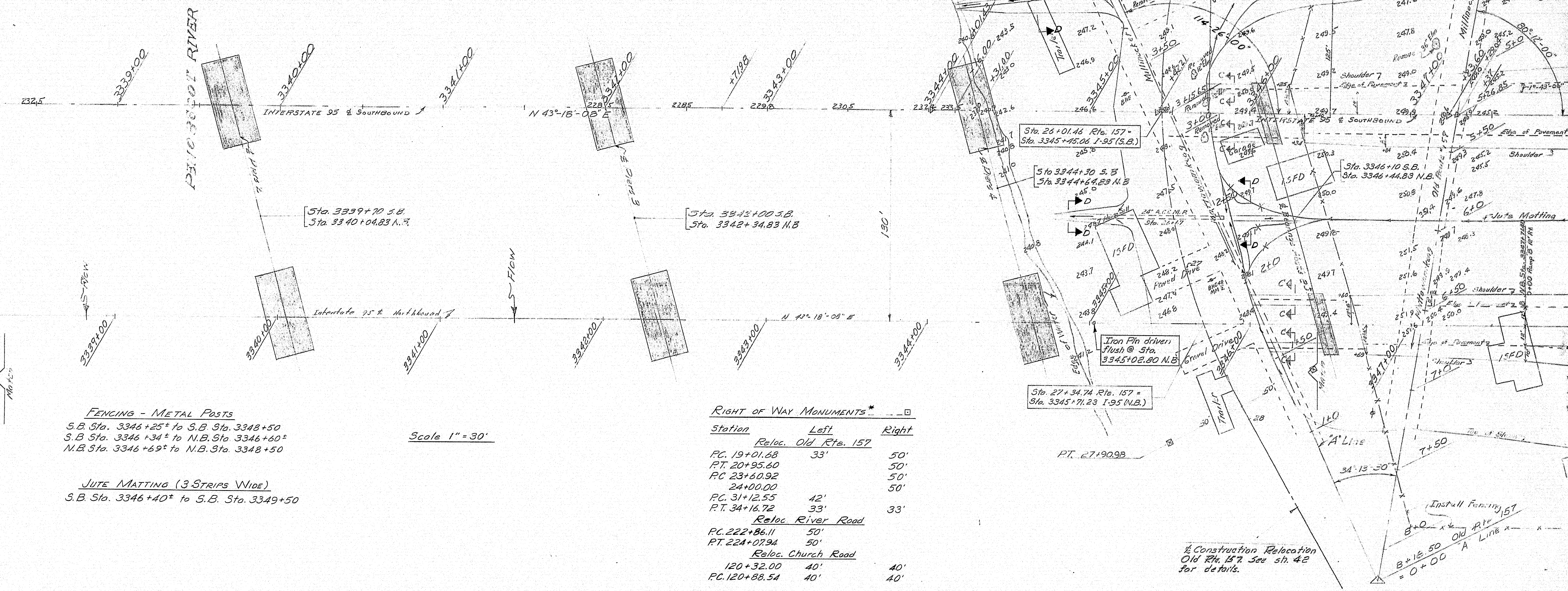
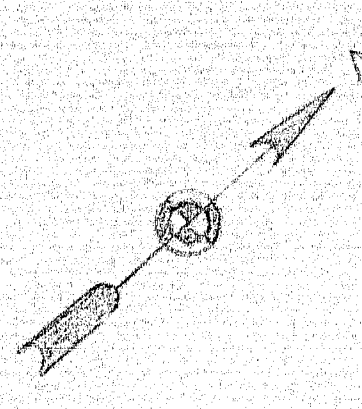
DESIGN - TRACE - R.T.A. CHECK - G.P.M.	BRIDGE NO. SURVEY - HIGHWAY PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
INTERSTATE 95	
OVER	
PENOBSCOT RIVER & ROUTE 116	
IN THE TOWN OF	
MEDWAY	
PENOBSCOT COUNTY	
SURVEY	
SHEET 10 OF 93 AUGUSTA, MAINE OCTOBER 1954	

99-10





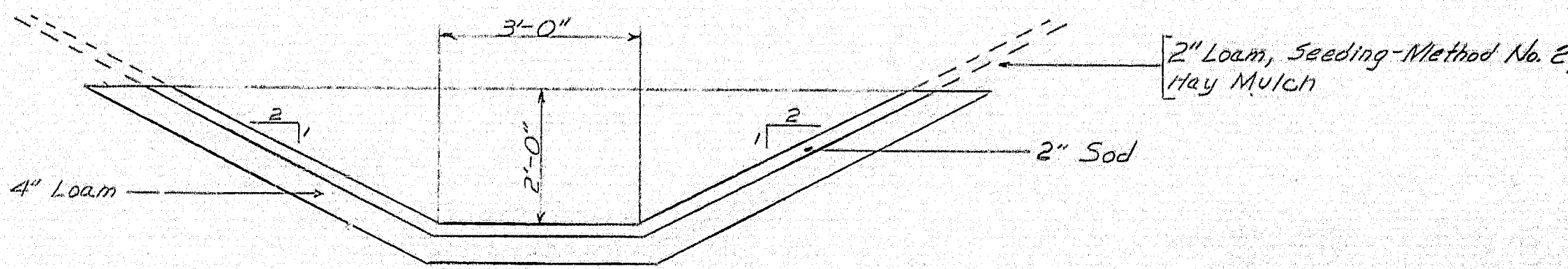
North



FENCING - METAL POSTS
 S.B. Sta. 3346+25 to S.B. Sta. 3348+50
 S.B. Sta. 3346+34 to N.B. Sta. 3346+60
 N.B. Sta. 3346+69 to N.B. Sta. 3348+50

JUTE MATTING (3 STRIPS WIDE)
 S.B. Sta. 3346+40 to S.B. Sta. 3349+50

Scale 1" = 30'



Section D-D

RIGHT OF WAY MONUMENTS*

Station	Left	Right
Reloc. Old Rte. 157		
PC. 19+01.68	33'	50'
PT. 20+95.60		50'
PC. 23+60.92		50'
24+00.00		50'
PC. 31+12.55	42'	
PT. 34+16.72	33'	33'
Reloc. River Road		
PC. 222+86.11	50'	
PT. 224+07.94	50'	
Reloc. Church Road		
120+32.00	40'	40'
PC. 120+88.54	40'	40'

SURVEY MARKERS*

Station	Left	Right
Reloc. Old Rte. 157		
PT. 20+95.60	50'	
PC. 23+60.92	50'	
PT. 27+90.98	50'	50'
PC. 31+12.55		50'
Reloc. River Road		
PC. 222+86.11		35'
PT. 224+07.94		50'
Reloc. Church Road		
PT. 122+00.00	40'	40'

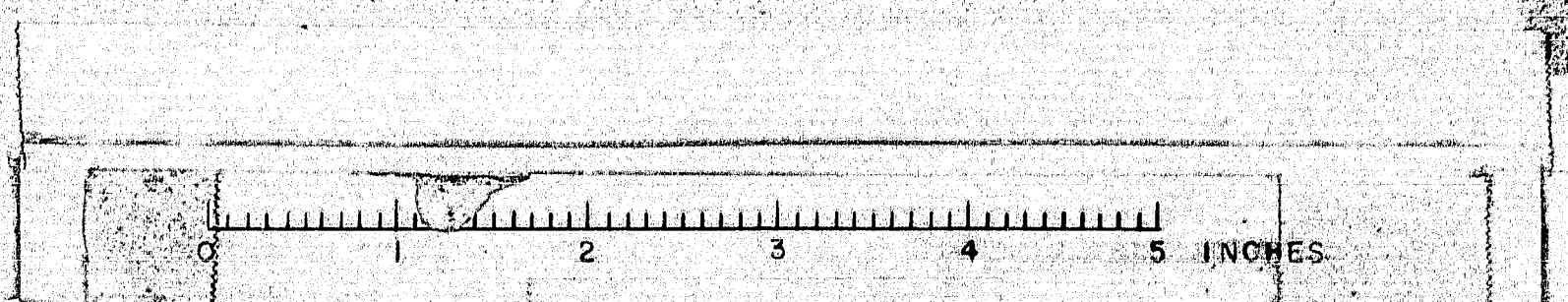
* Work with Sheet #42

& Construction Relocation
 Old Rte. 157 See sh. 42
 for details.

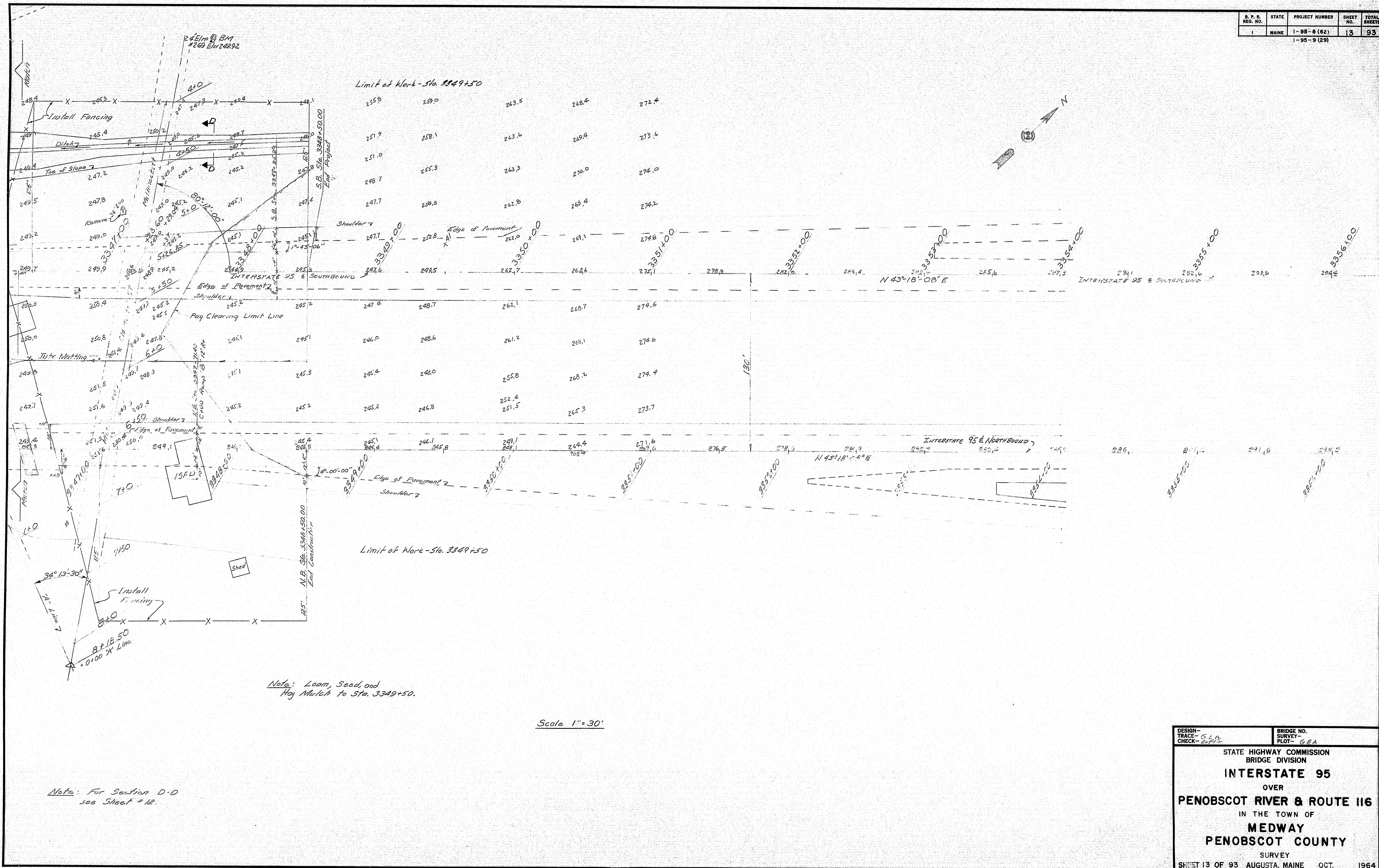
Note: For Station 2-3 see sh. 18

DESIGN- TRACE- CHECK- G.E.A.	BRIDGE NO. SURVEY- PLOT- G.E.A.
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
INTERSTATE 95	
OVER	
PENOBSCOT RIVER & ROUTE 116	
IN THE TOWN OF	
MEDWAY	
PENOBSCOT COUNTY	
SURVEY	
SHEET 12 OF 93 AUGUSTA, MAINE OCT. 1964	

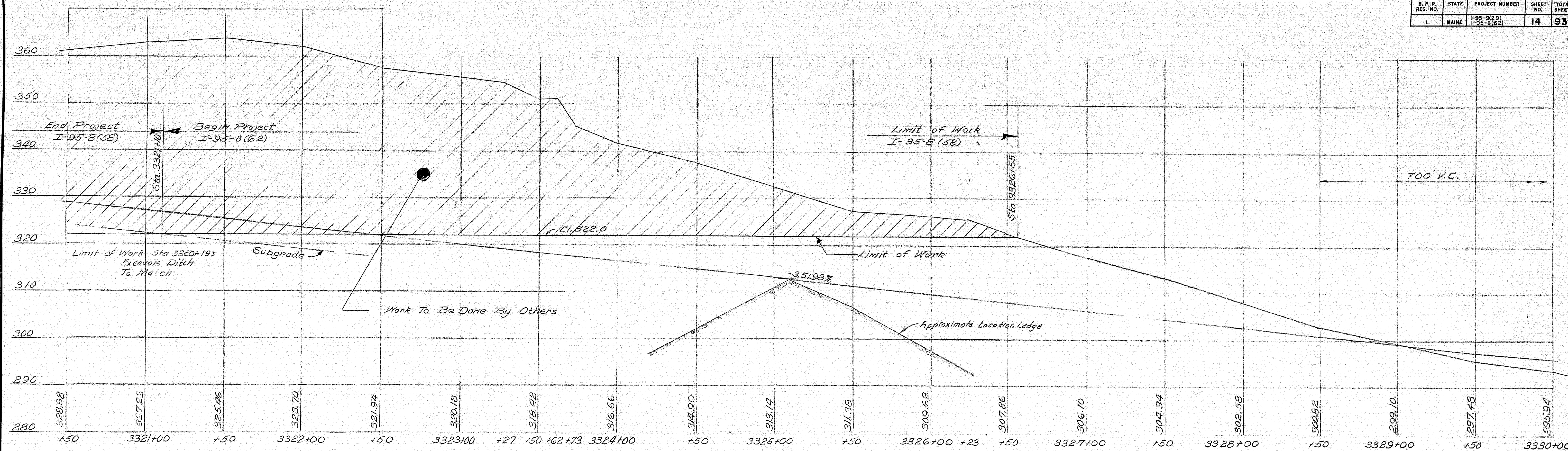
99-12



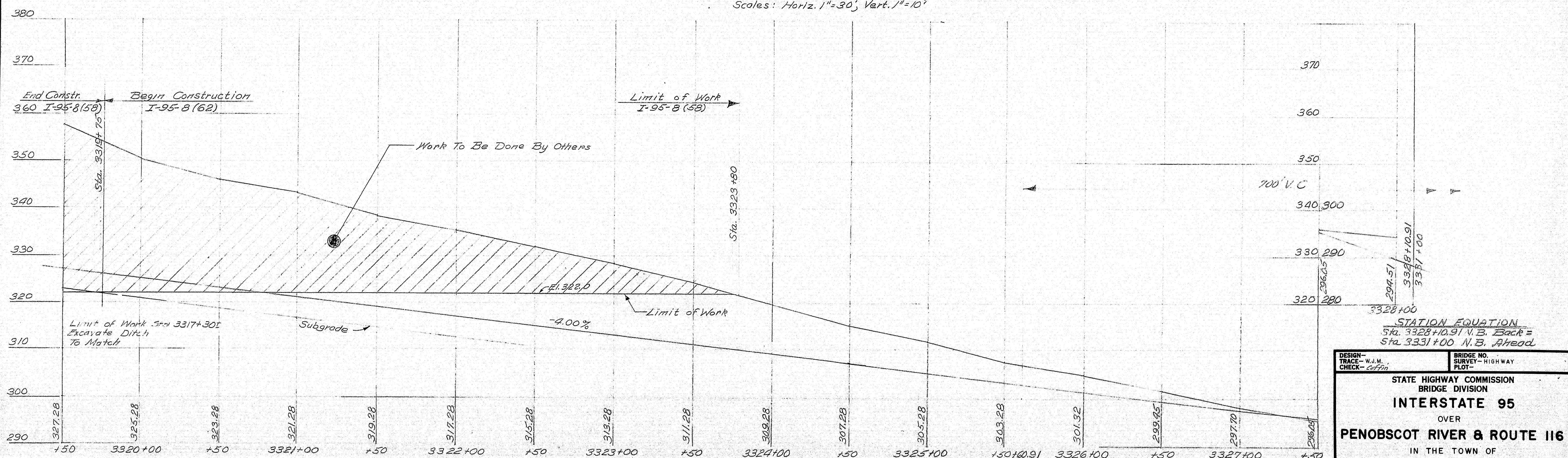
B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-8 (62)	13	93
1-95-9 (29)				



99-13



PROFILE ALONG E OF CONSTRUCTION, SOUTHBOUND
Scales: Horiz. 1"=30'; Vert. 1"=10'

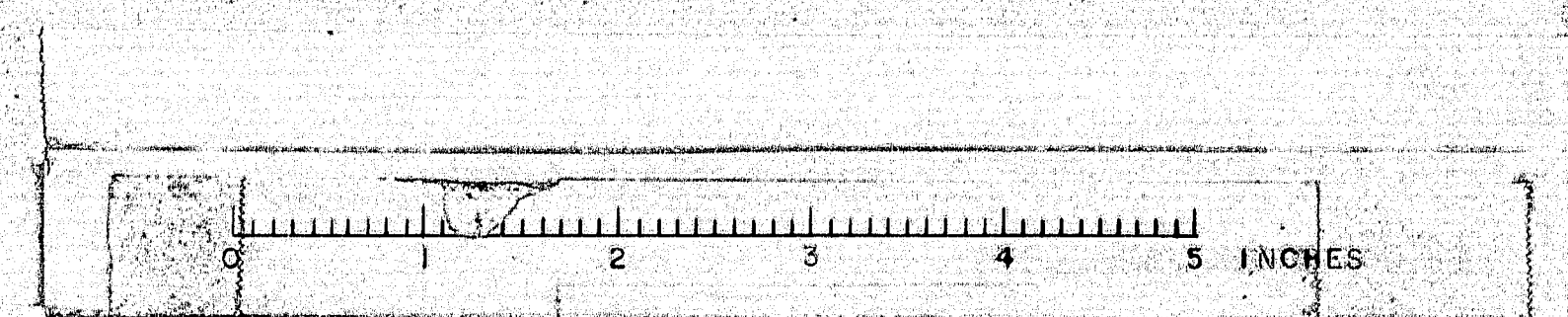


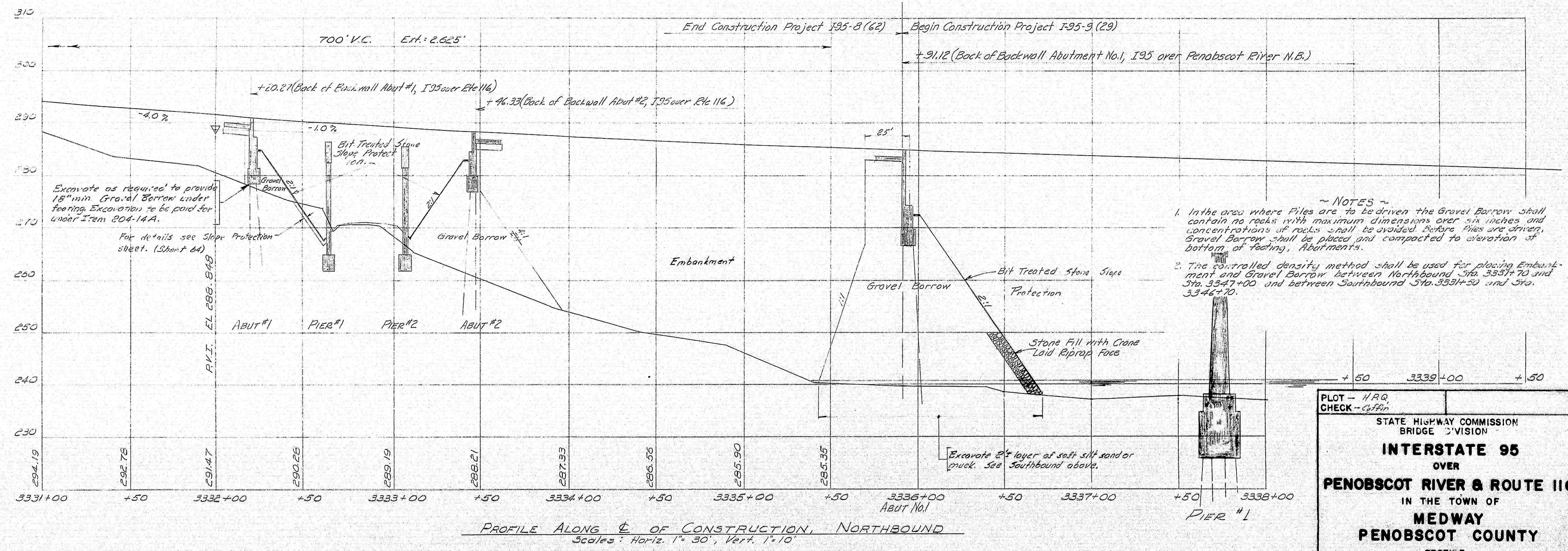
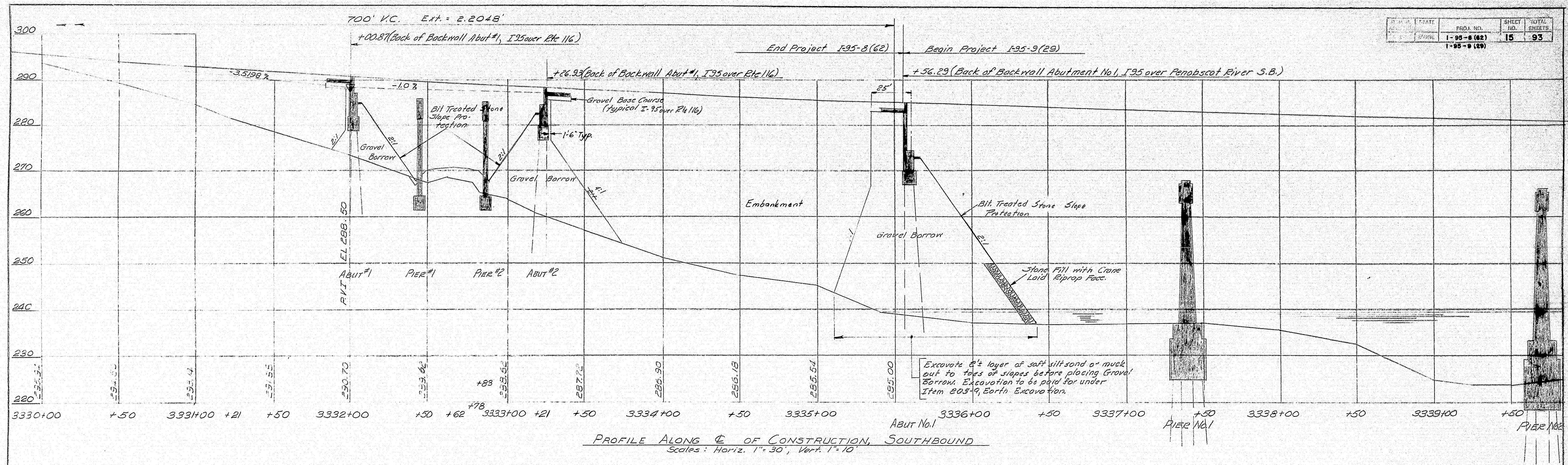
PROFILE ALONG E OF CONSTRUCTION, NORTHBOUND
Scales: Horiz. 1"=30'; Vert. 1"=10'

STATION EQUATION
Sta. 3323+80 V.B. Back =
Sta. 3331+00 N.B. Ahead

DESIGN - W.J.M.
TRACE - W.J.M.
CHECK - C.B.M.
BRIDGE NO. 1091
SURVEY - HIGHWAY
PLOT -
STATE HIGHWAY COMMISSION
BRIDGE DIVISION
INTERSTATE 95
OVER
PENOBSCOT RIVER & ROUTE 116
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY
PROFILE
SHEET 14 OF 93 AUGUSTA, MAINE OCTOBER 1964

99-14





- ~ NOTES ~
1. In the area where Piles are to be driven the Gravel Borrow shall contain no rocks with maximum dimensions over six inches and concentrations of rocks shall be avoided. Before Piles are driven, Gravel Borrow shall be placed and compacted to elevation of bottom of footing, Abutments.
 2. The controlled density method shall be used for placing Embankment and Gravel Borrow between Northbound Sta. 3331+70 and Sta. 3347+00 and between Southbound Sta. 3331+50 and Sta. 3346+70.

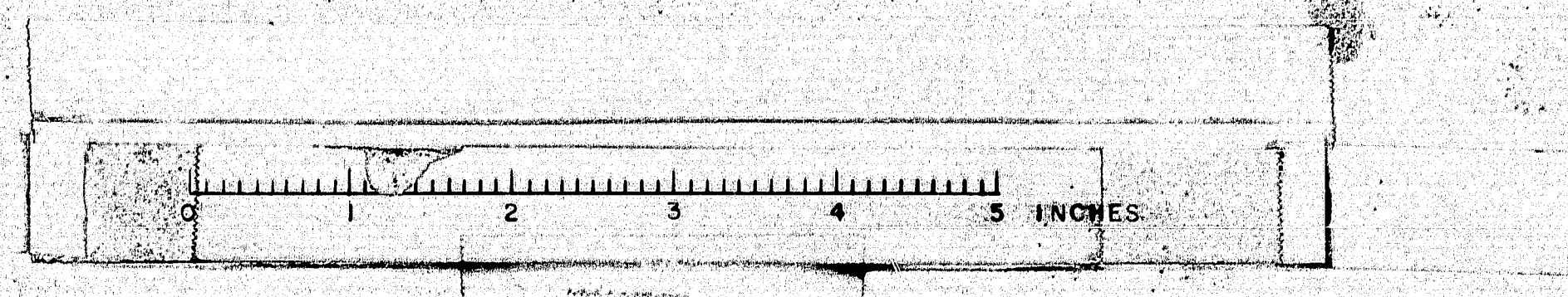
PLOT - H.R.G.
CHECK - C.B.P.

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

INTERSTATE 95
OVER
PENOBSCOT RIVER & ROUTE 116
IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY

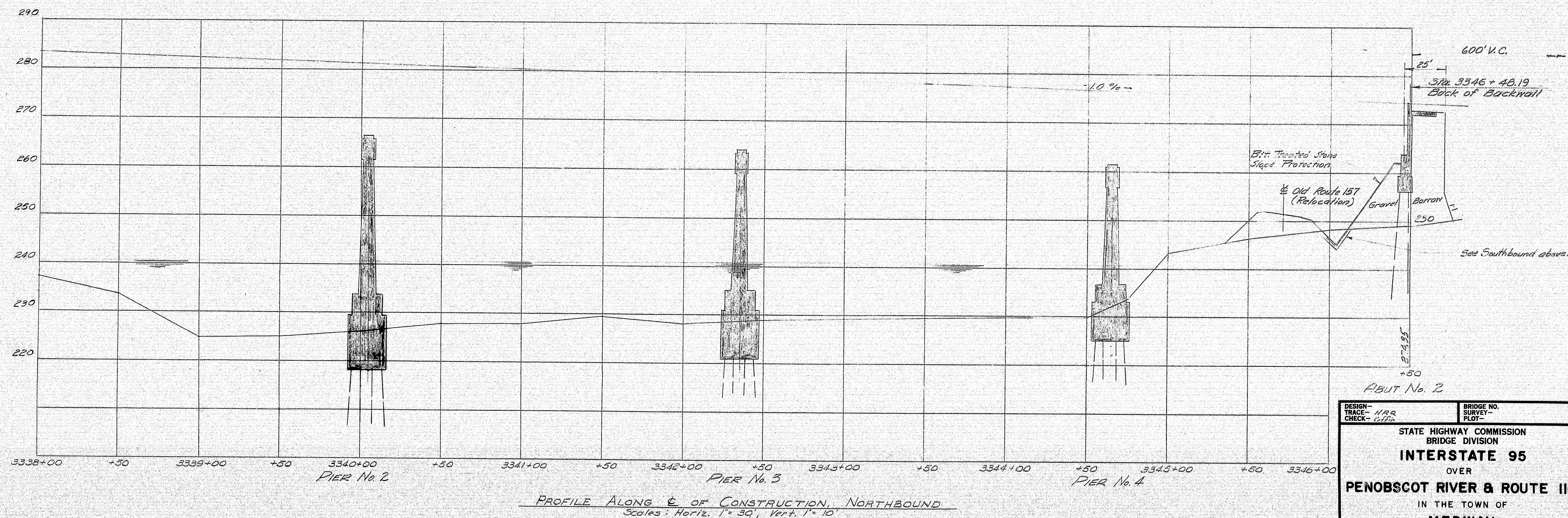
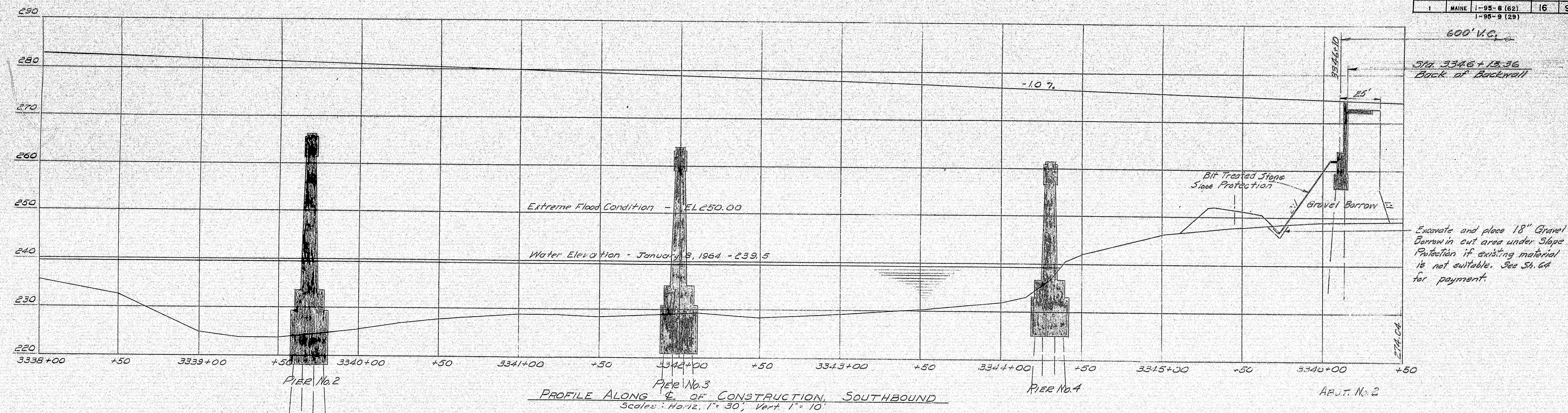
PROFILE

SHEET 15 OF 93 AUGUSTA, MAINE OCT. 1964



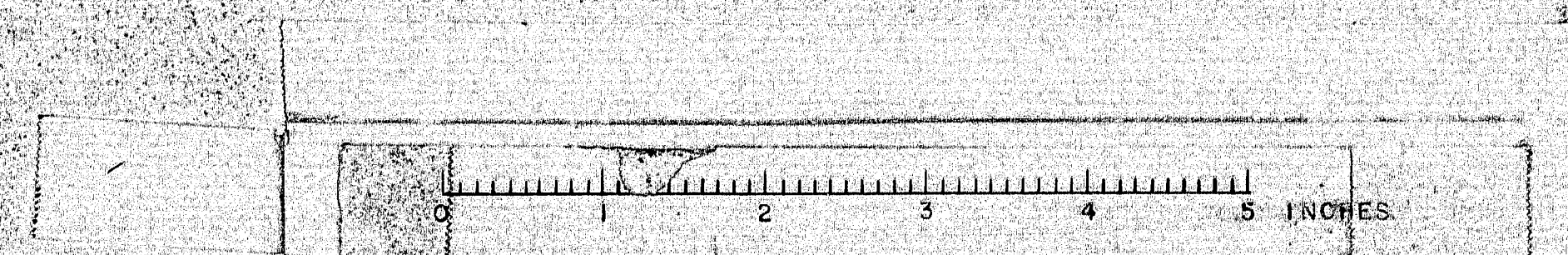
99-15

S. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-8 (62) 1-96-9 (29)	16	93

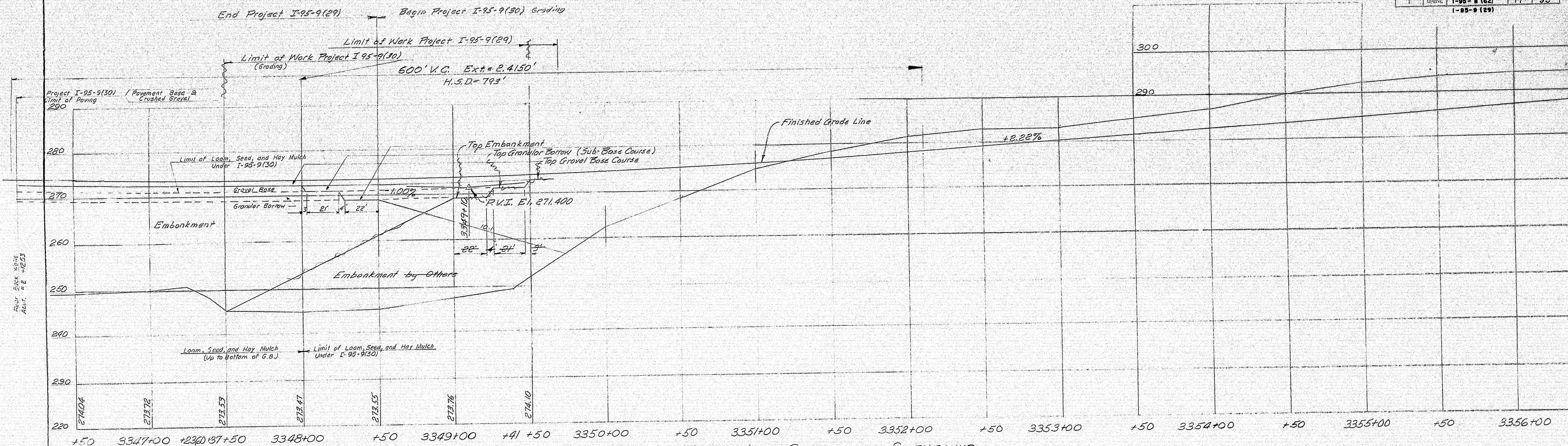


DESIGN - HRP	BRIDGE NO. SURVEY PLOT -
CHECK - G.P.P.	
STATE HIGHWAY COMMISSION BRIDGE DIVISION INTERSTATE 95 OVER PENOBSCOT RIVER & ROUTE 116 IN THE TOWN OF MEDWAY PENOBSCOT COUNTY PROFILE	
SHEET 16 OF 93 AUGUSTA, MAINE OCT. 1964	

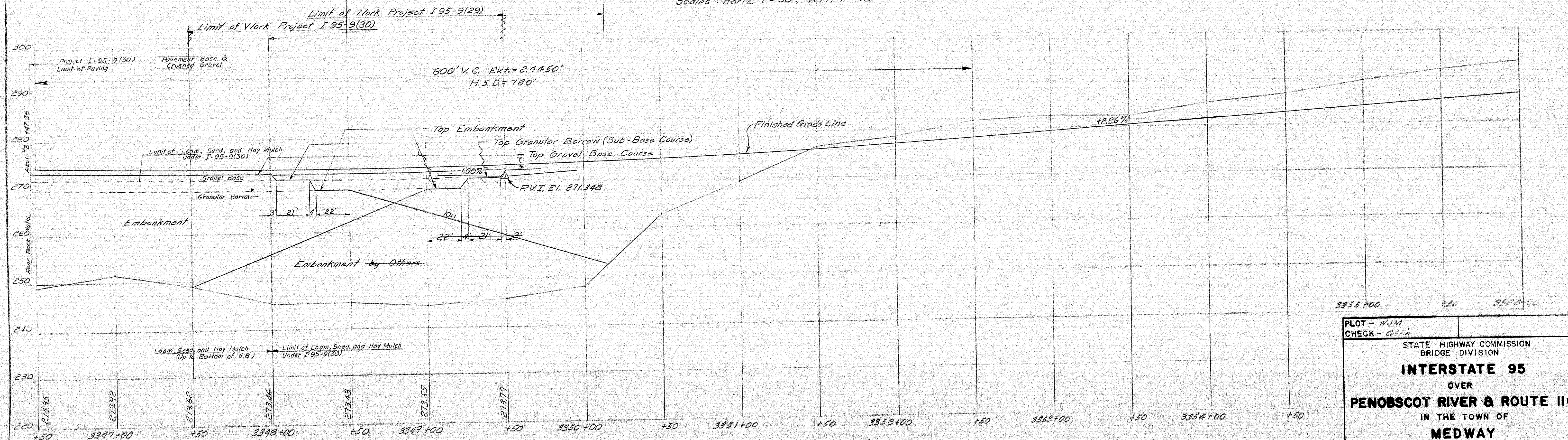
99-16



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
MAINE	1-95-9 (29)	17	93



PROFILE ALONG E OF CONSTRUCTION, SOUTHBOUND
 Scales: Horiz. 1" = 30', Vert. 1" = 10'



PROFILE ALONG E OF CONSTRUCTION, NORTHBOUND
 Scales: Horiz. 1" = 30', Vert. 1" = 10'

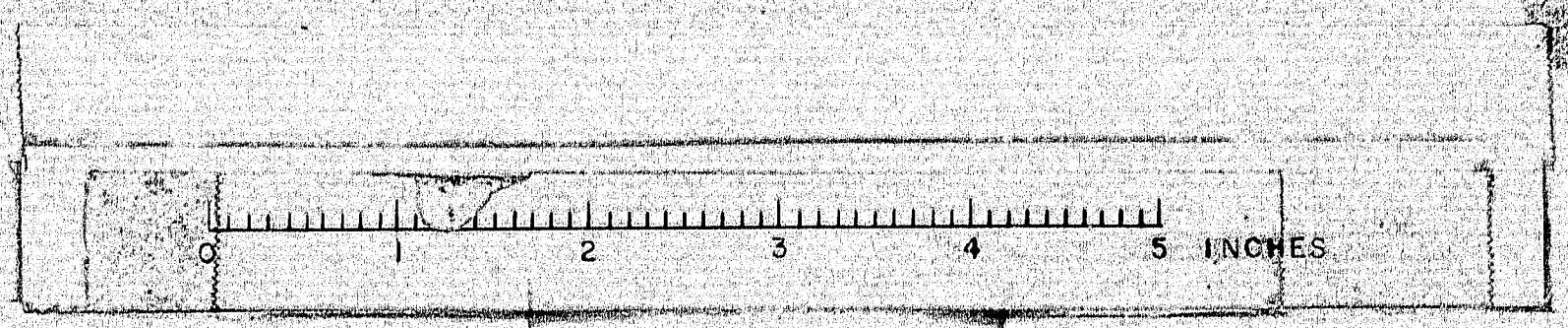
PLOT - WJM
 CHECK - GJM

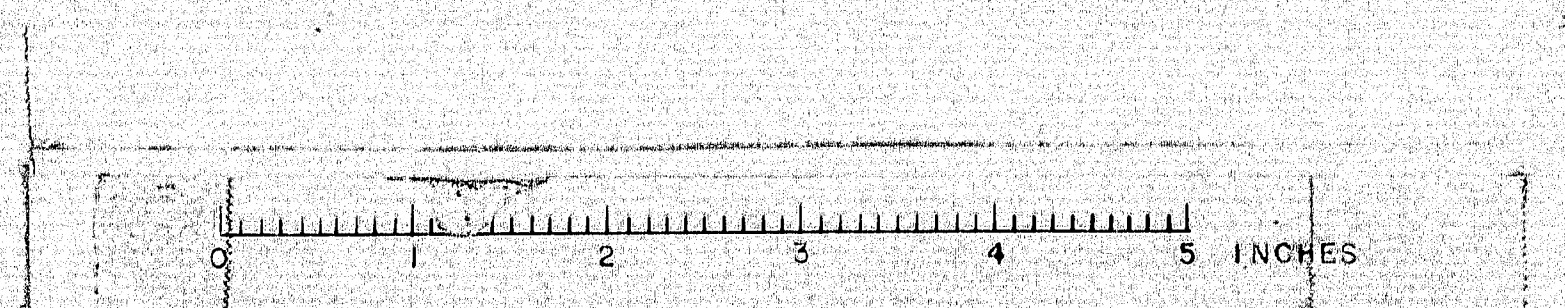
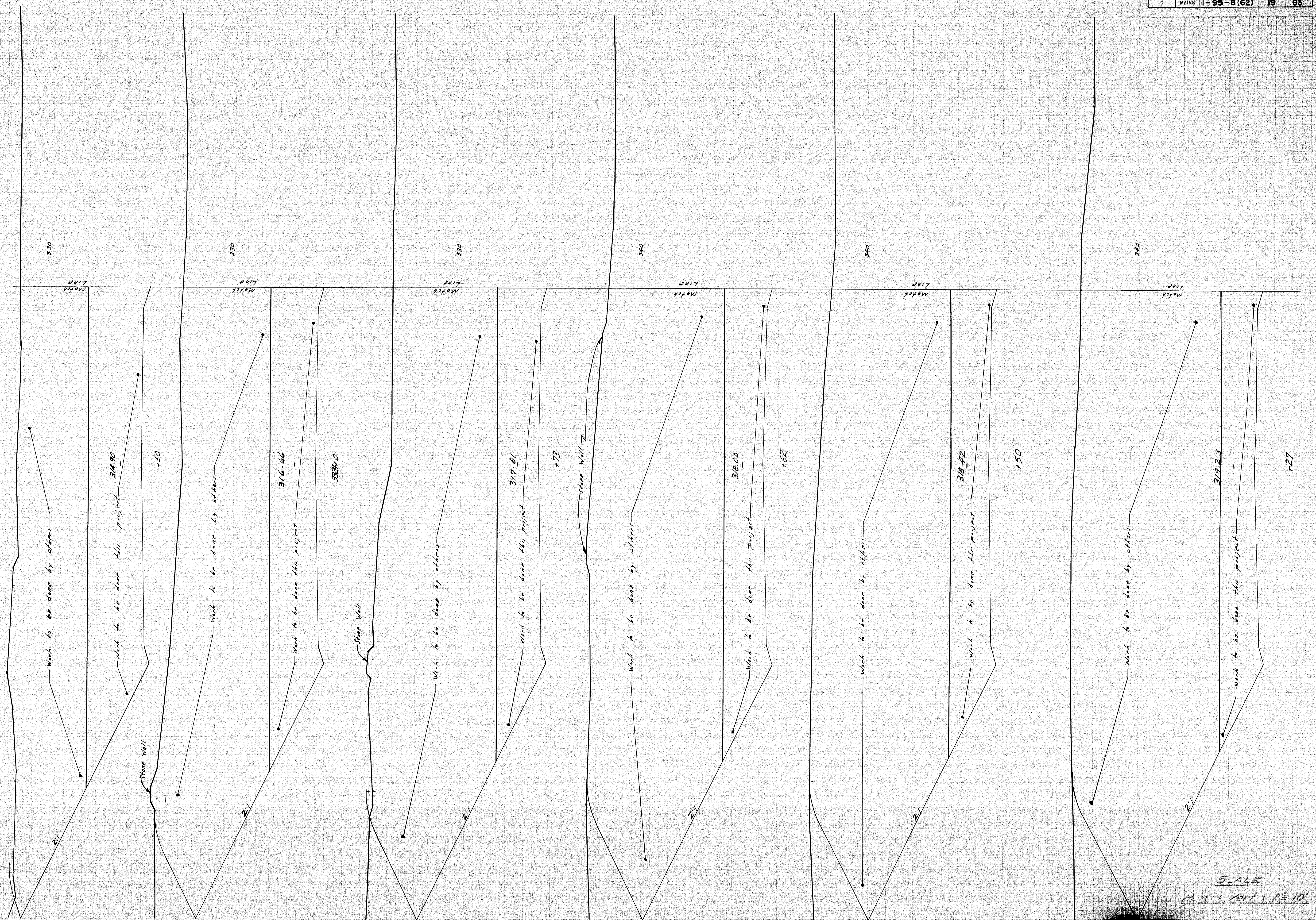
STATE HIGHWAY COMMISSION
 BRIDGE DIVISION

INTERSTATE 95
 OVER
PENOBSCOT RIVER & ROUTE 116
 IN THE TOWN OF
MEDWAY
PENOBSCOT COUNTY

PROFILE
 SHEET 17 OF 93 AUGUSTA, MAINE OCT. 1964

99-17

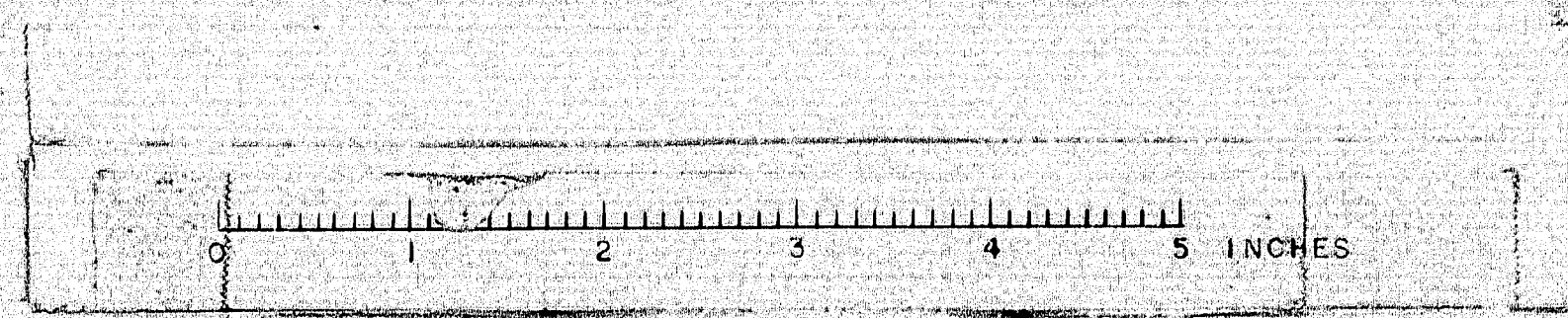
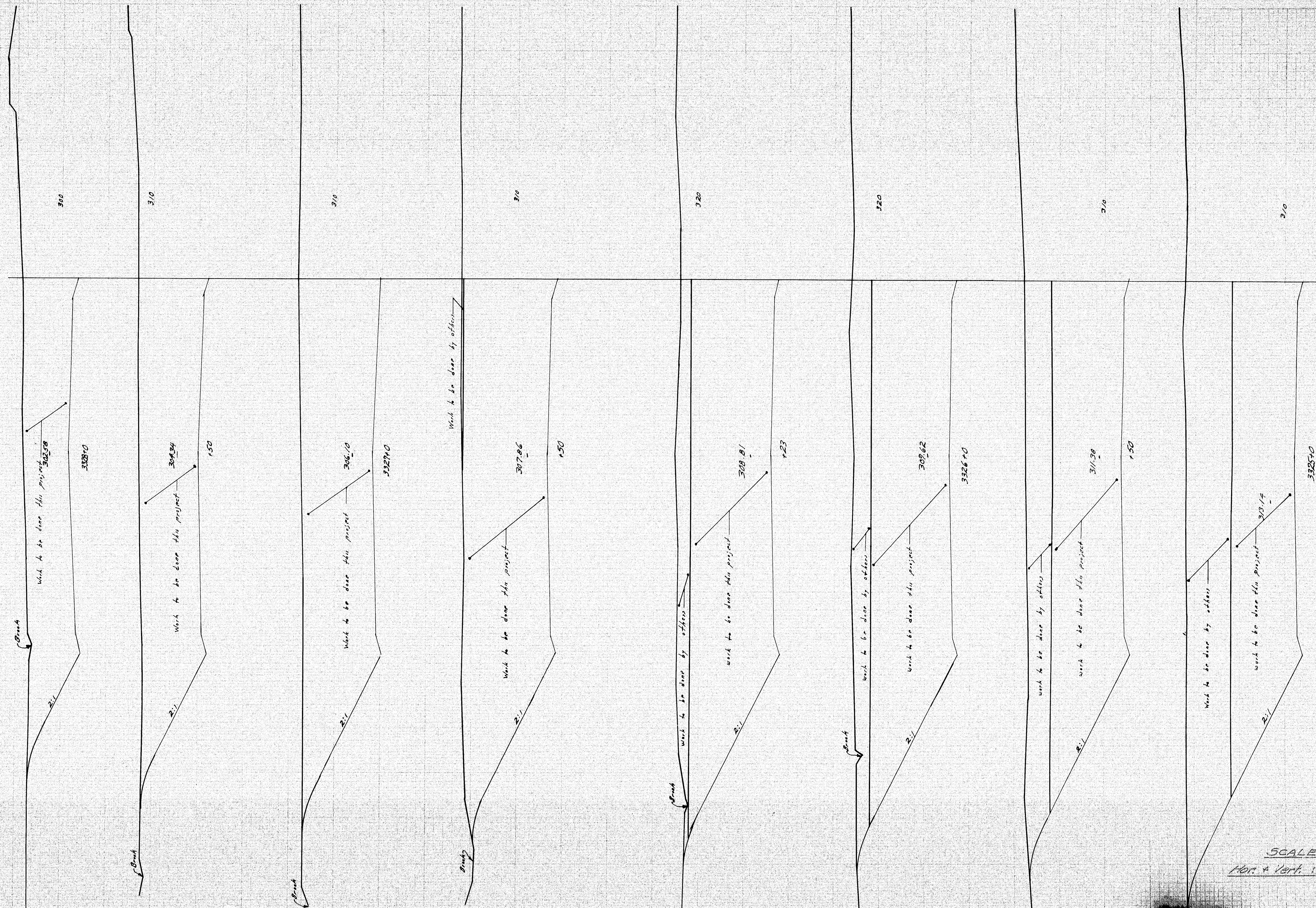




SCALE
HORIZ. 1" = 10'
VERT. 1" = 10'

Modus

Sta 319.23+27 to 320+50.58



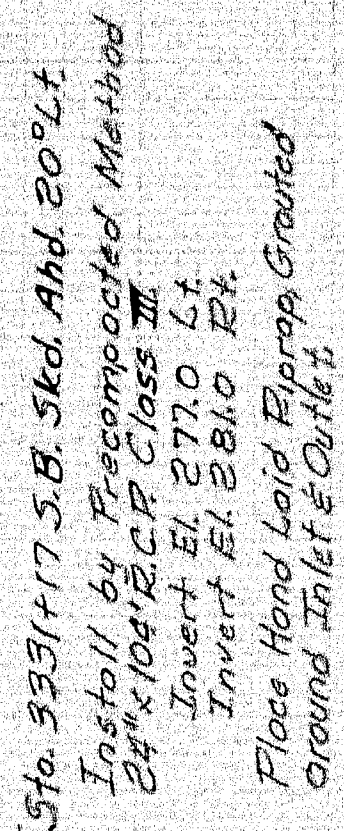
SCALE
Hor. & Vert. 1" = 10'

Madway

3325104 332510 SB

95-806

4



STONE WALL CROSSES &

+

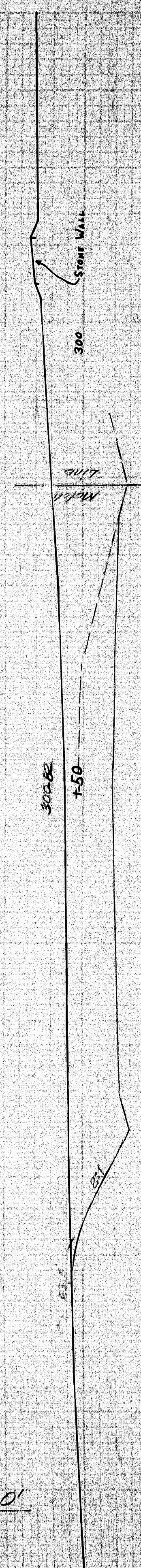
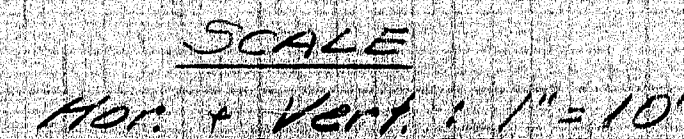
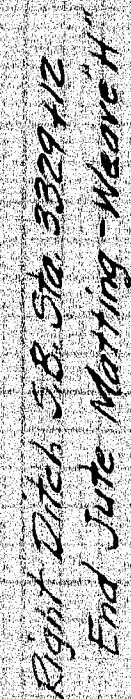
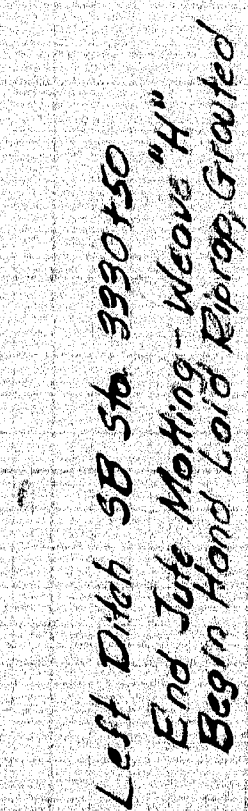
293.14

1.6

1

3331

Start Guard Rail @ Sta. 2390+75± Both Sides
(By Others)



B. P. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-8 (62)	21	93

STA 3328+50- 3331+50

T2-R9 AND MEDWAY

STROUT & OREN
WILCOX & WILLIAMS 2-12-44

95-806

4

T.W.

260

+ 83

T.W.

260

+ 78 Top of Bank

+ 70 T.W.

260

T.W.
+ 62
& RT 116

289.88 - 55 T.W.

260

Direct

Top of Bank

+ 52

260

Direct

+ 46

260

+ 38

Top of Bank

E. Banning Acon: #1 I-95 over Rte 116 Sta 3332+03.40

260

290.70

5:1

5:1

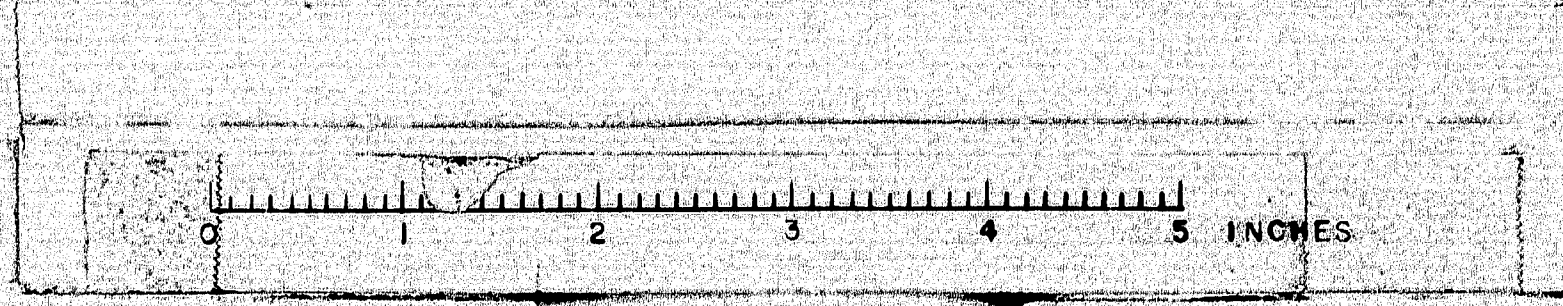
5:1

260

3332

Stone Wall

PLATE 3 - CROSS SECTION
STATION 3332+03.40
CHANGED DURING CONSTRUCTION

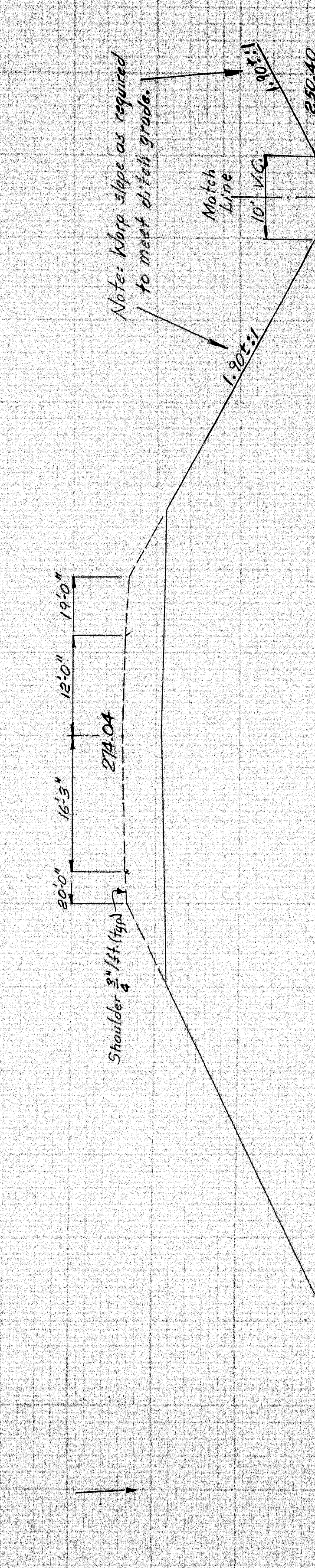
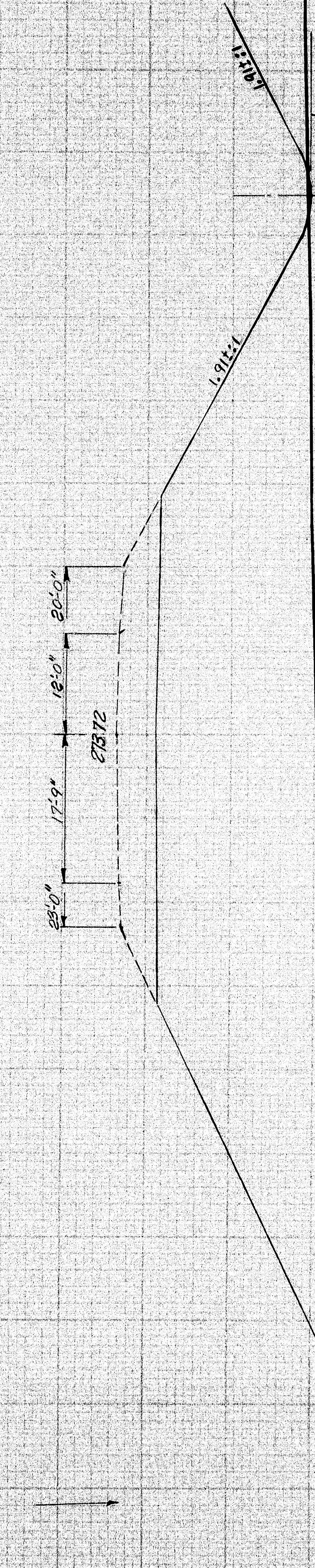
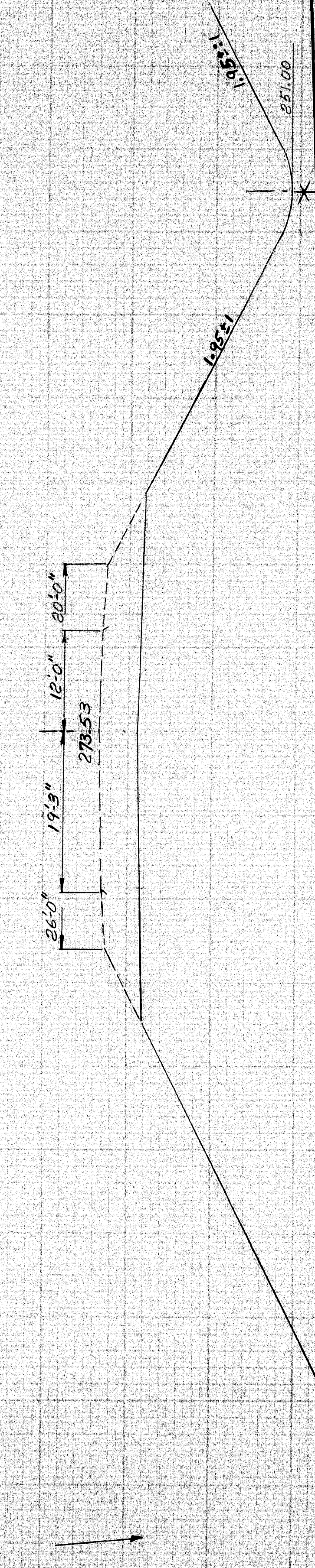
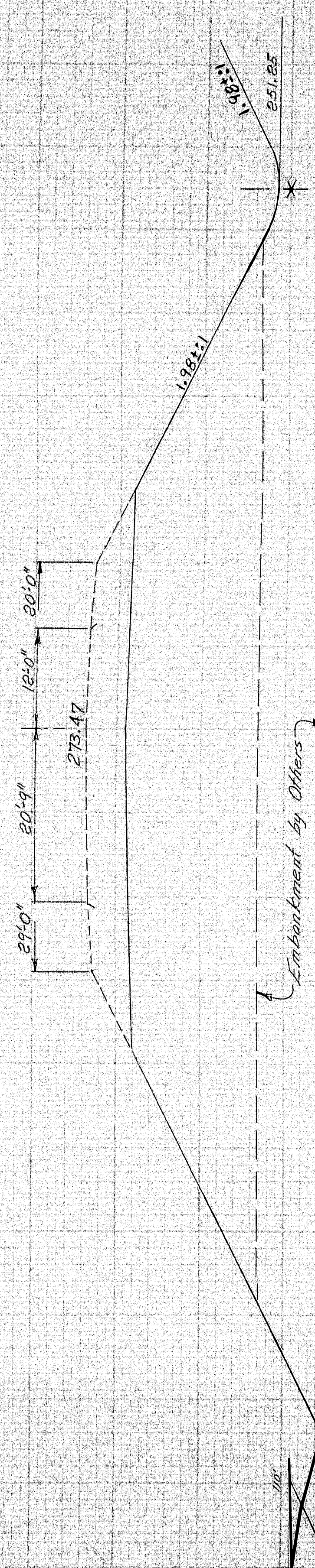


SCALE
Hor. & Vert. 1"=10'

R. P. R. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	1-95-8 (62)	22	95

Sta 3332+0 - 3332+83

DATE



± Bearing About #2 I-95 over Fallowbrook River Sta. 39465+10 S.B.

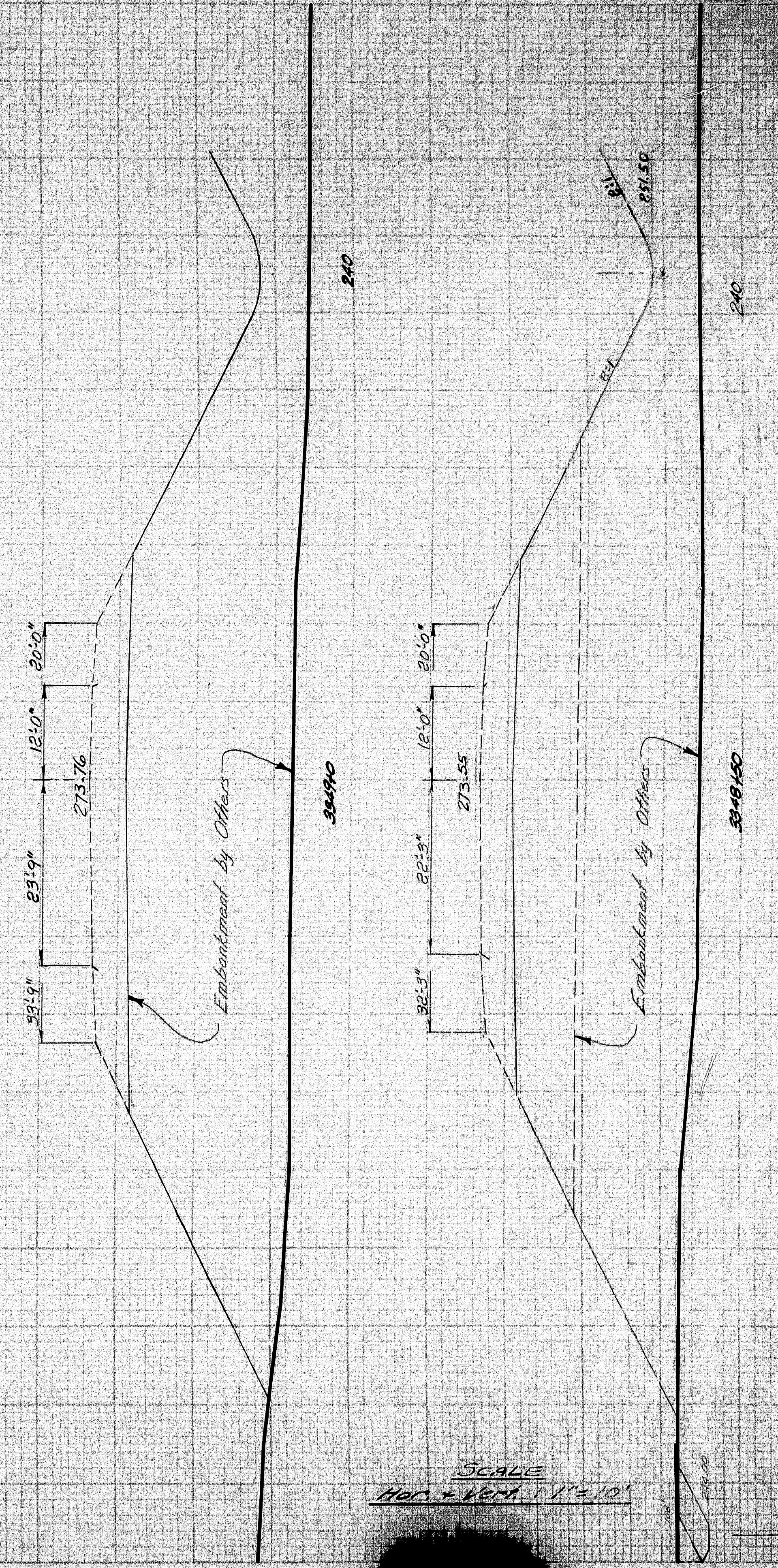
Lefts Matching (3 Slopes Wide) in Middle from Sta. 39464+00 S.B. to Sta. 39468+50 S.B.

SCALE
Horiz. = Vert. 1" = 10'



MEDWAY

Sta. 39460 to 39470 S.B.



SCALE
HORIZ. & VERT. 1" = 10'

PLATE 3 - CROSS SECTION
DRAWN AND CHECKED BY
CHARLES SHUBERT COMPANY, INC.

