

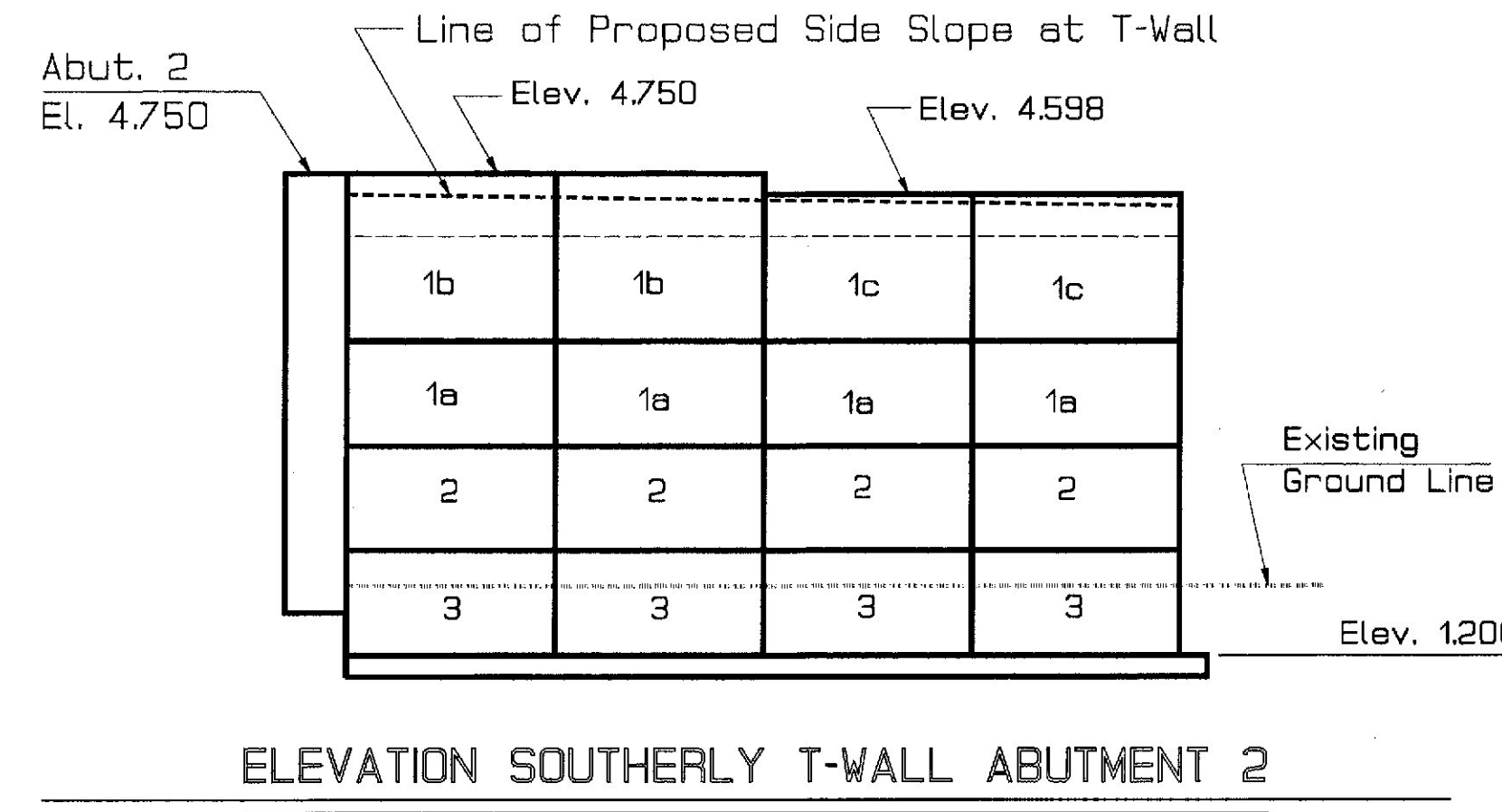
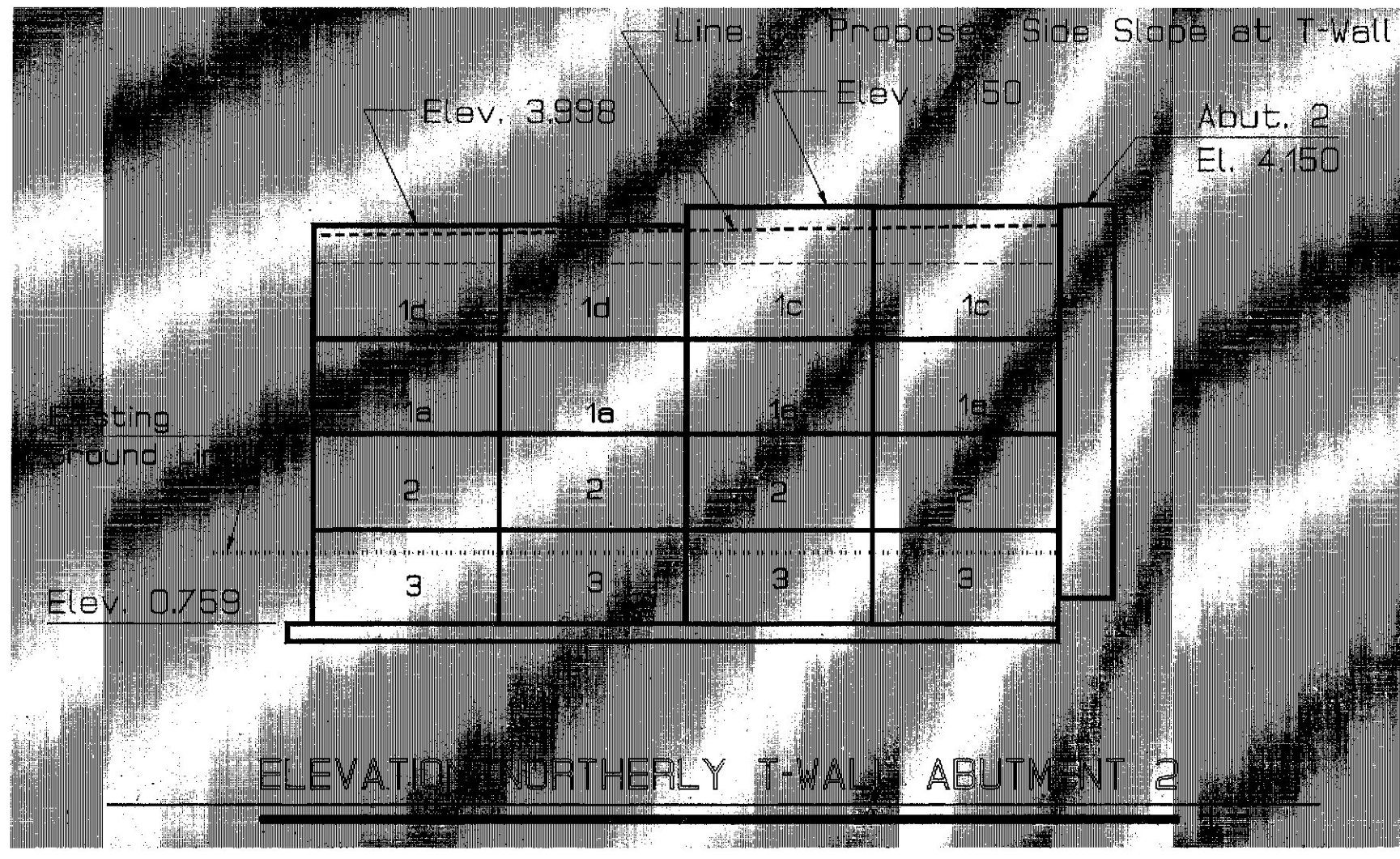
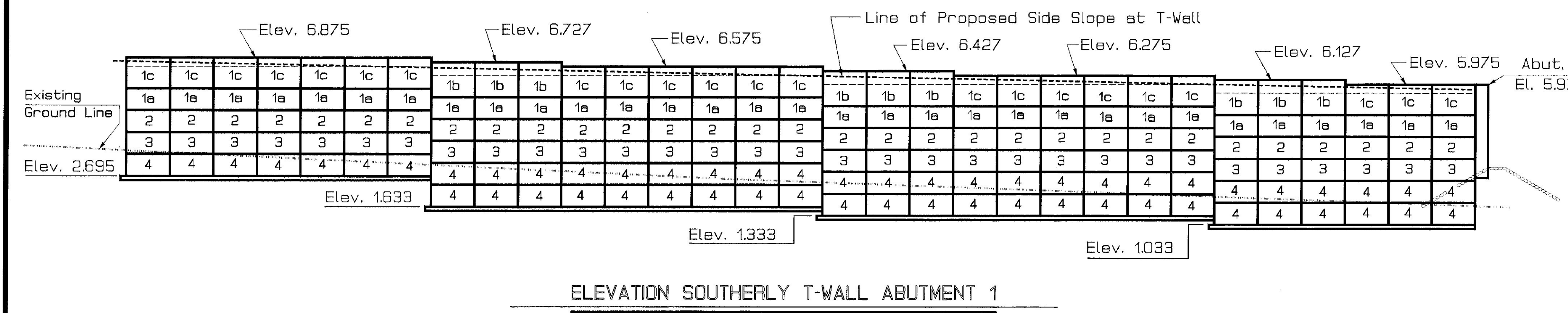
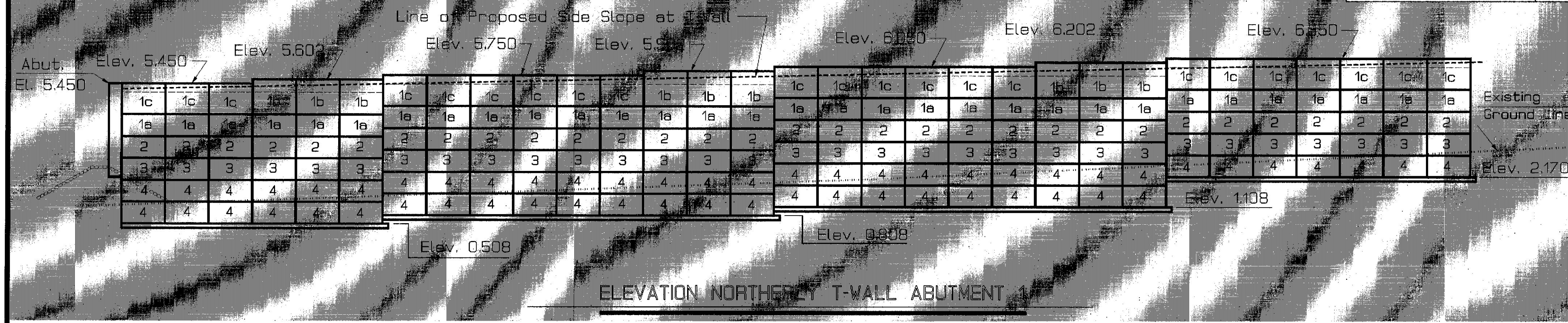
METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

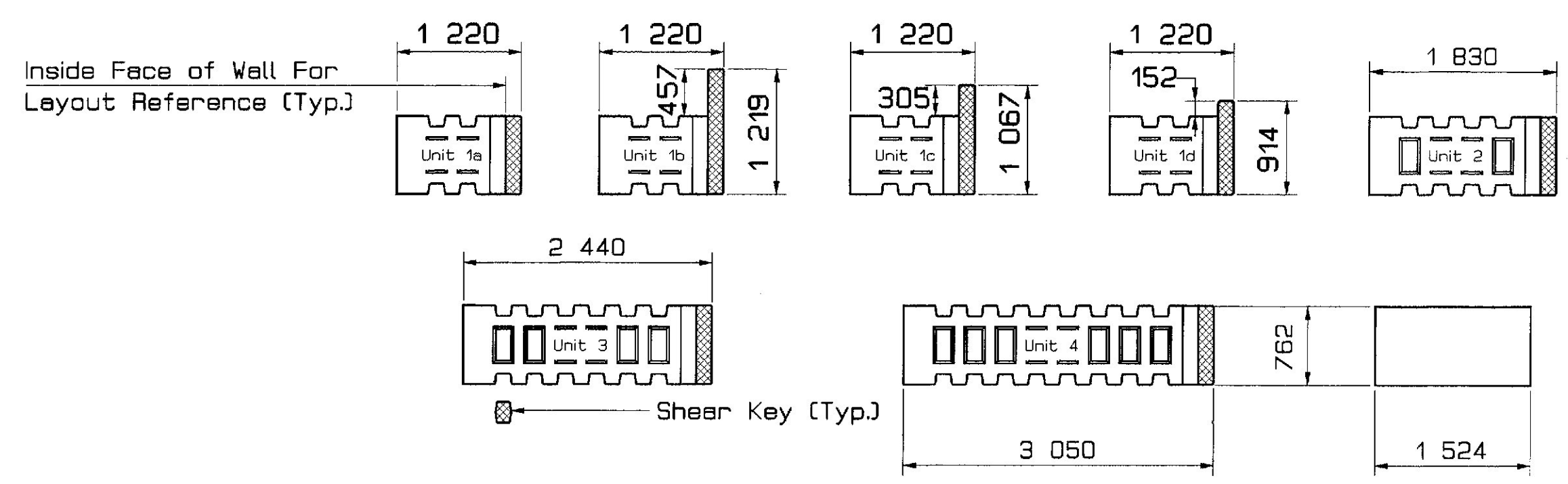
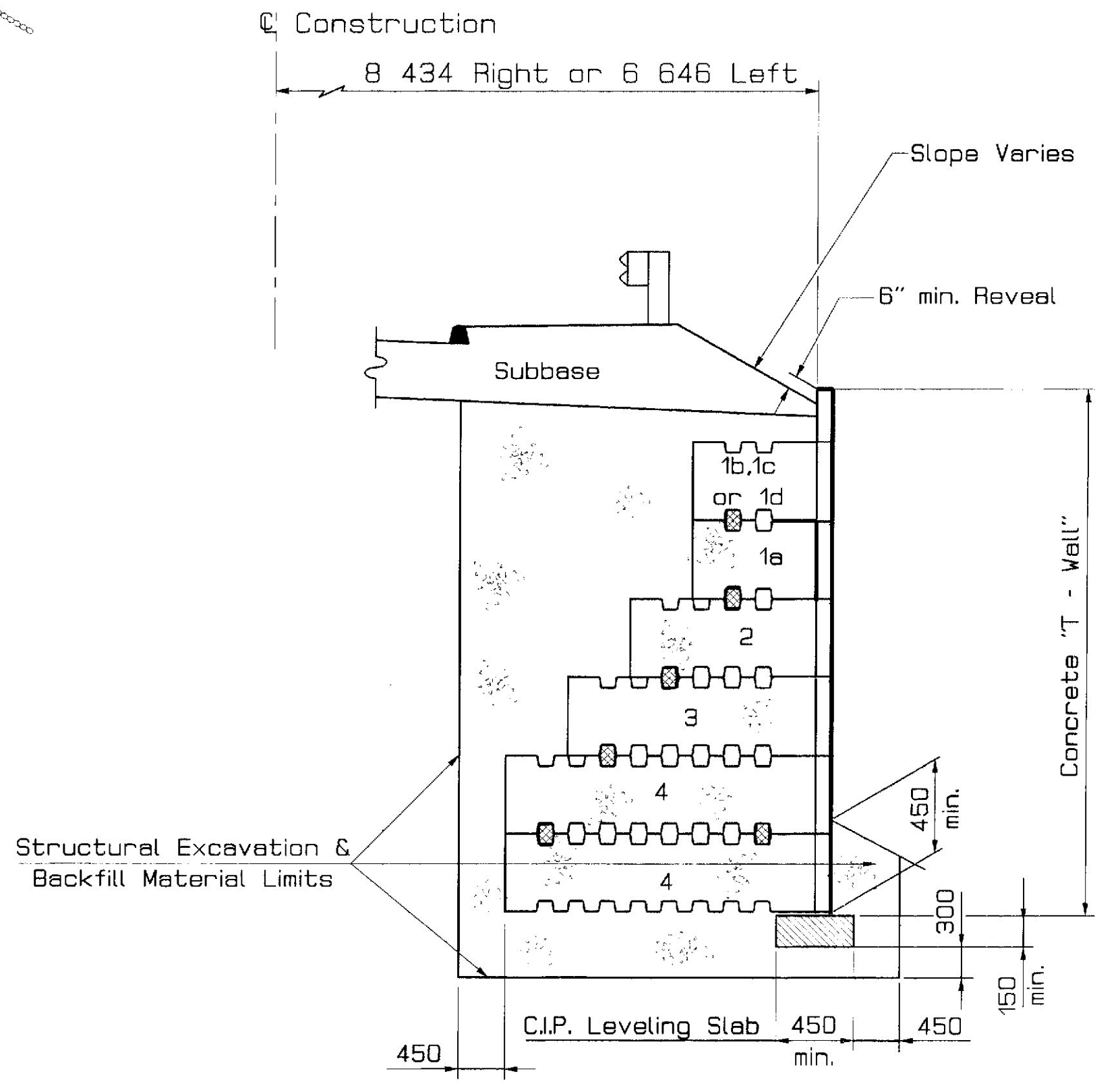
F.P.M.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-645B(C00)X	19	29

T-WALL NOTES

- The precast concrete T-Wall units shall be those as manufactured by Superior Concrete Co., Inc. of Auburn, Maine, or an approved other.
- Construction of the T-Wall system shall be in accordance with Special Provisions Section 635.
- A 300 mm wide drainage geotextile fabric shall be secured to the back of the concrete T-Wall flanges, at all horizontal joints up to the highest expected water level. Payment for the fabric, and installation, will be considered incidental to contract items.
- All reinforcing steel in the T-Walls shall be epoxy coated. The epoxy coating will be considered incidental to Item 635.12, Galvanized Metal Bin-Type Retaining Wall.
- Payment will be at the total Contract price bid for Item 635.12, Galvanized Metal Bin-Type Retaining Wall. Such payment will include all work and materials including excavation beyond the wall, excavating for bedding and backfill, furnishing and placing bedding and backfill material itself furnishing and placing reinforcing steel, concrete leveling slab, drainage geotextile, and incidentals to complete the work.
- Faces of retaining walls shall have an exposed aggregate surface.
- All concrete for the T-Wall system shall be Class P concrete and shall contain silica fume. Payment for silica fume shall be considered incidental to related contract items.



Note:
Indicates Scheme Not Used



T - WALL UNIT DIMENSIONS

REVISION	DESCRIPTION	DATE
1	T-Wall Elevations	5/1/98

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

KITTERY POINT BRIDGE
OVER
SPRUCE CREEK
IN THE TOWN OF
KITTERY
YORK COUNTY
TWALL DETAILS

SHEET 19 OF 29 AUGUSTA, MAINE

PROJECT DESIGN ENGINEER	DATE
DESIGN-DETAILED	
CHECKED	
REVISIONS	
FIELD CHANGES	

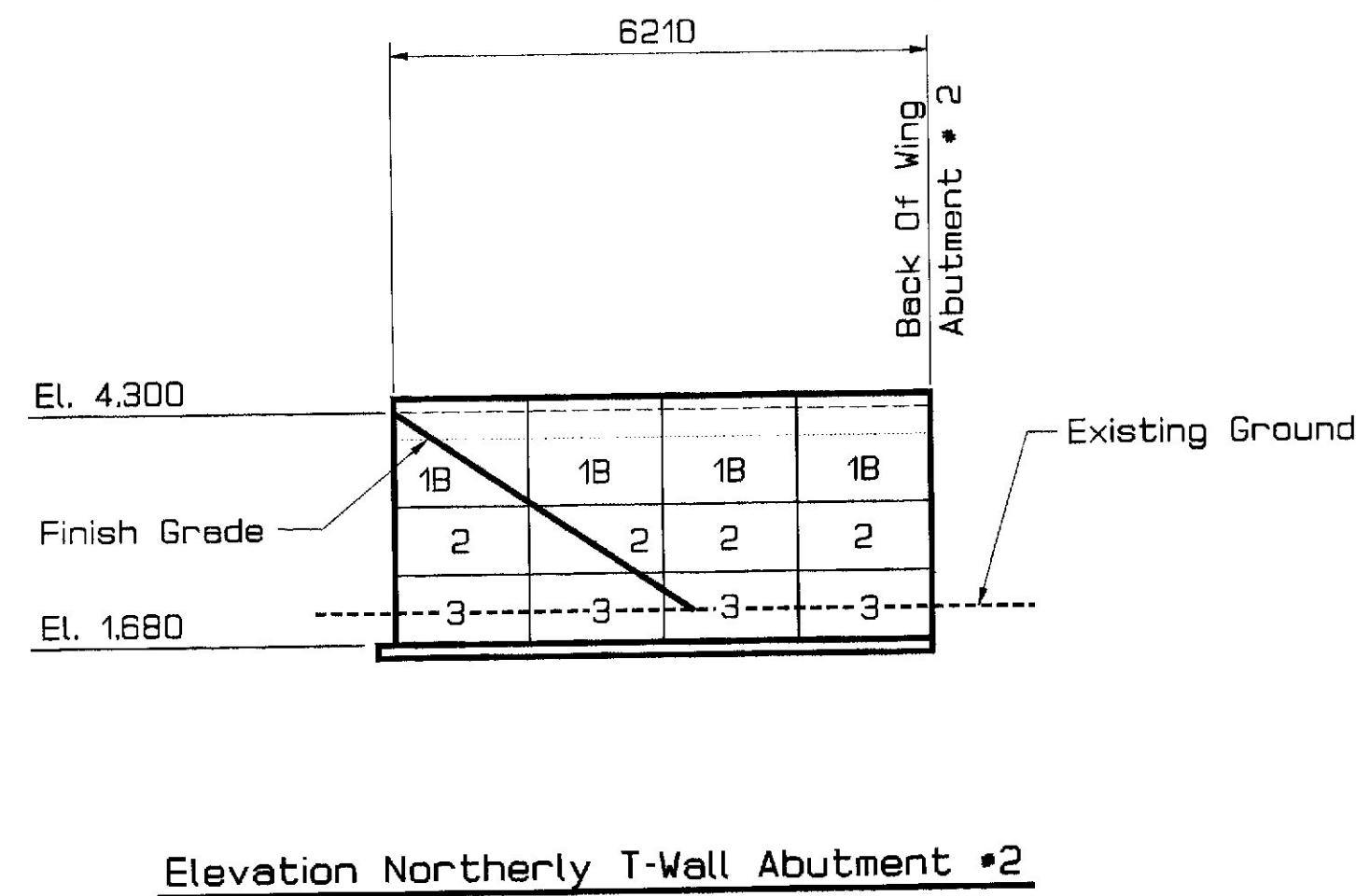
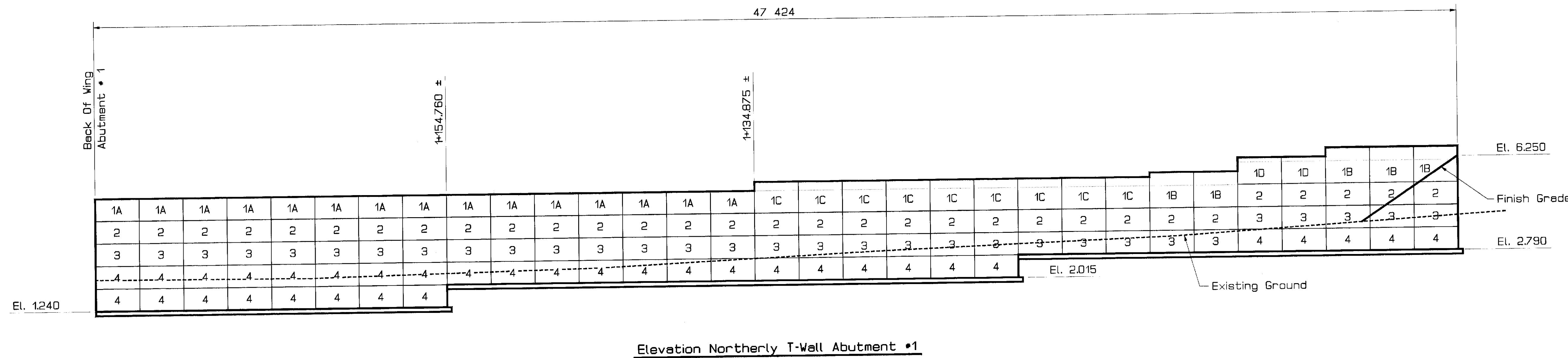
TWALL
14FEB98-0400.40

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.V.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE			

ADDENDUM 11



PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	K. McLellan	4/98
CHECKED		
REVISIONS		
FIELD CHANGES		
PLANS		

14FEB98-0100.10

Bridge Code #3013

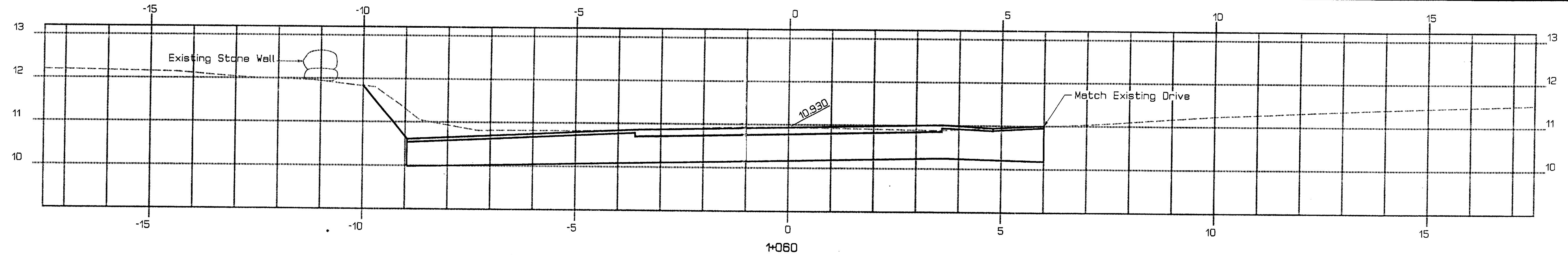
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

KITTERY POINT BRIDGE
OVER
SPRUCE CREEK
IN THE TOWN OF
KITTERY
YORK COUNTY
Revised T-Wall

SHEET OF AUGUSTA, MAINE May 1998

METRIC

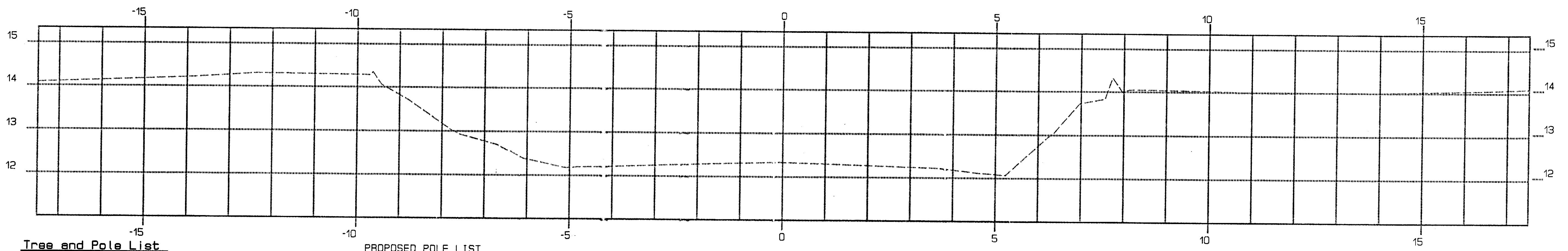
DATE	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
11-95	MAINE	BR-6458(00)X	20	22



End Transition
And
Begin Project
Sta. 1+060.000

Match Existing Template

Begin Transition
Sta. 1+045.000

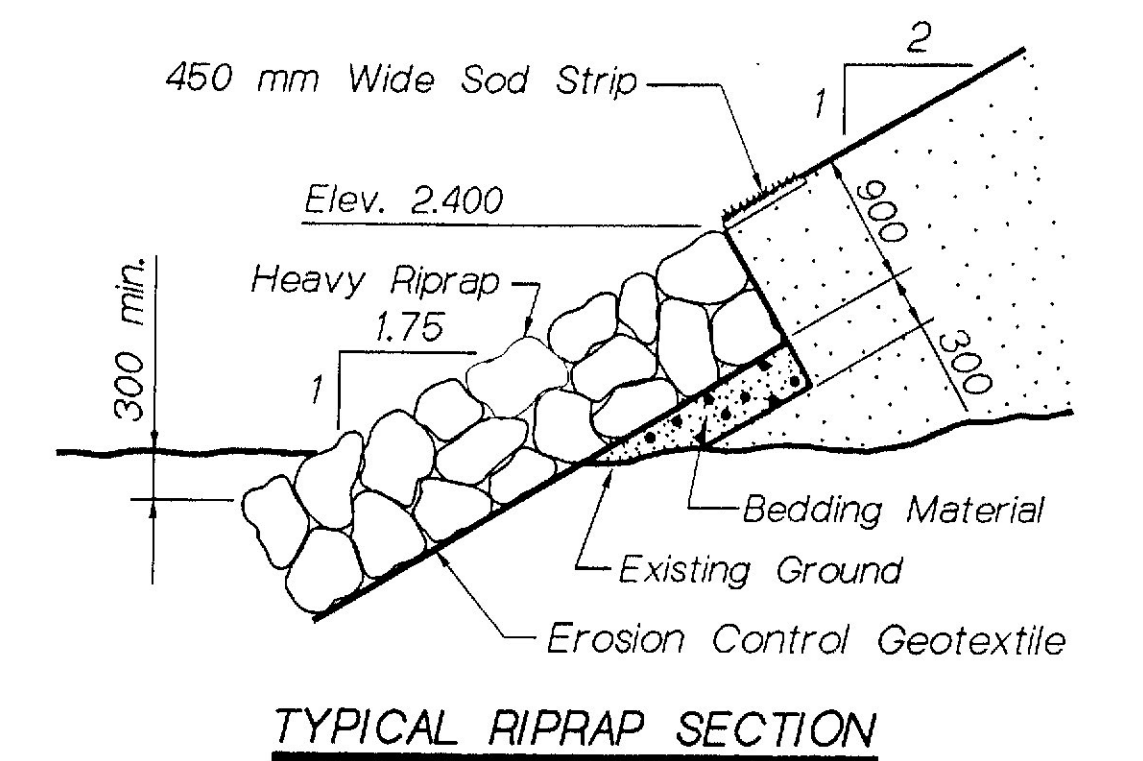
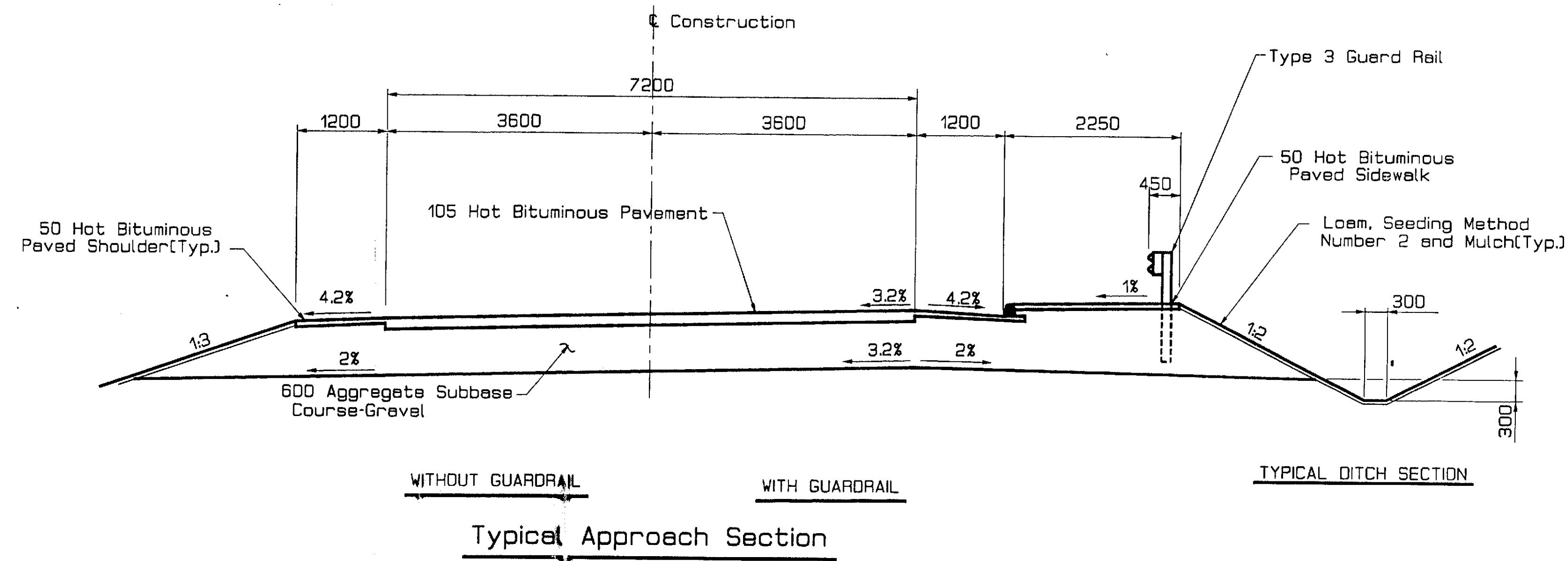


Tree and Pole List

Station	Offset	Description
1+028.879	6.121 LT	NET 74/74 CMP
1+028.687	10.092 LT	Guy
1+064.367	33.051 RT	KEL CO 23 1A NET
1+066.033	7.885 RT	Sign
1+066.221	8.575 RT	Sign
1+066.912	6.618 RT	NET 235/77/77 CMP
1+066.521	10.422 RT	Guy
1+089.240	6.014 LT	Trash Policy
1+102.198	8.433 RT	13" Oak
1+105.073	9.972 RT	Guy
1+105.849	0.649 RT	Guy
1+105.898	11.285 RT	Guy
1+106.370	5.720 RT	NET 76/76 CMP
1+116.120	8.208 RT	20" Pine
1+118.739	4.595 LT	Sign
1+121.381	6.003 RT	No Parking
1+147.097	5.897 RT	Speed Limit 25
1+165.815	4.234 LT	235A/30T NET
1+253.625	4.136 LT	NET 78/1 CPM.w/Lt.
1+271.034	4.420 LT	Speed Limit 30
1+282.413	5.230 RT	No Parking
1+306.814	5.101 LT	Wt Lmt 17 Tons
1+317.775	21.447 RT	20" 12" 16" Triple Ash
1+319.815	10.721 RT	18" Ash
1+320.860	7.929 RT	235P NET/225/79/2 CMP
1+331.442	9.661 RT	Tree(Deciduous)
1+354.084	5.813 RT	Turn Arrow/Stop Chit
1+355.804	7.679 RT	36" Ash
1+360.964	8.436 LT	Guy
1+361.887	5.751 LT	2355/NET/235/80/3 CMP
1+362.072	7.281 LT	Stop/Duncan Way
1+363.373	7.996 RT	30" Ash
1+389.089	4.547 LT	NET 87/4 CMP.w/Lt.

PROPOSED POLE LIST

Pole 235/76 CMP 76	Sta. 1+098 Right 6 meters
Pole 235/77 CMP 77	Sta. 1+166 Left 7 meters
Pole 235/78 CMP 1	Sta. 1+268 Left 5.5 meters

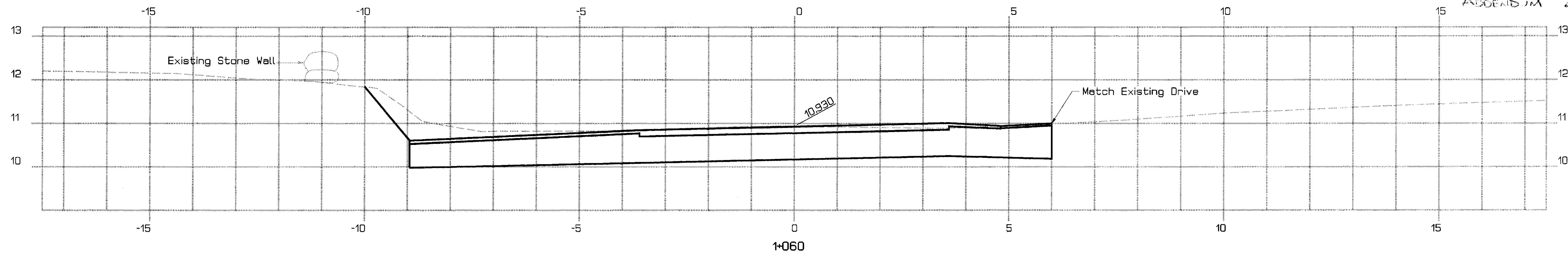


All Bedding Material placed in the embankment slope under the riprap and within 300 mm of the back side of riprap areas shall meet the requirements of Subsection 703.19, Material for Underwater Backfill.

DATE	11-95
BY	
CHD	
APPROVED	
PLANNED	
DESIGNED	
NOTED	
REVIEWED	
FINAL	

DATE	
BY	
CHD	
APPROVED	
PLANNED	
DESIGNED	
NOTED	
REVIEWED	
FINAL	

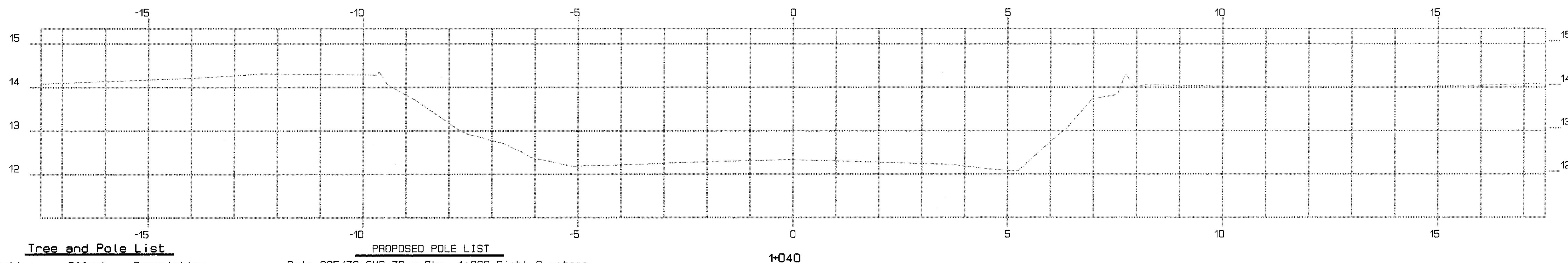
XSECT2
14NOV95-010110



End Transition
And
Begin Project
Sta. 1+060.000

Match Existing Template

Begin Transition
Sta. 1+045.000

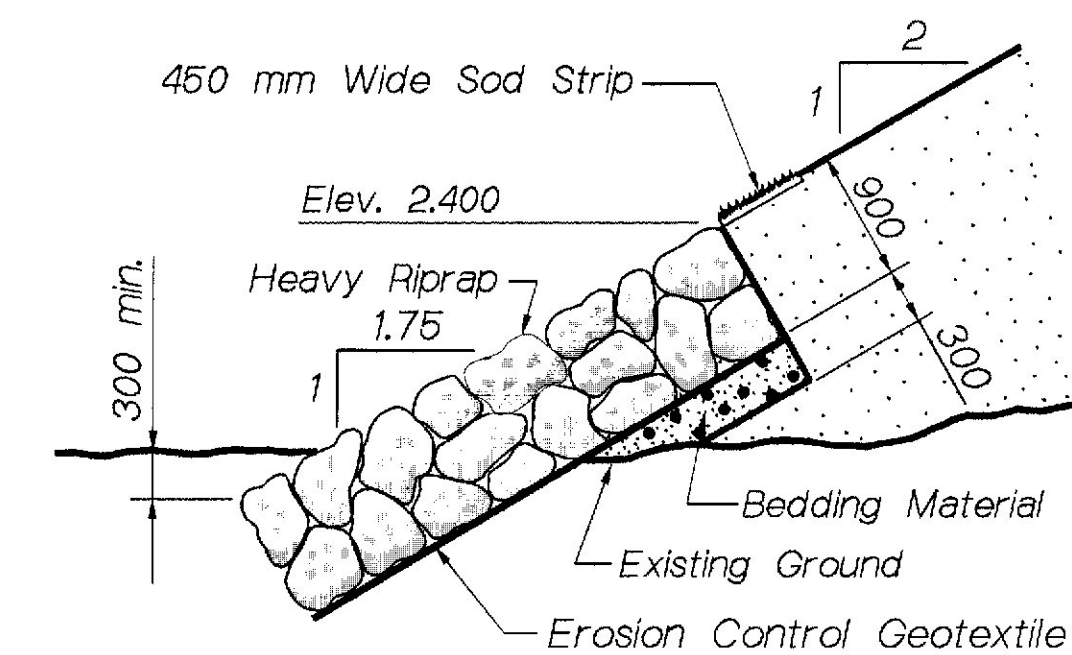
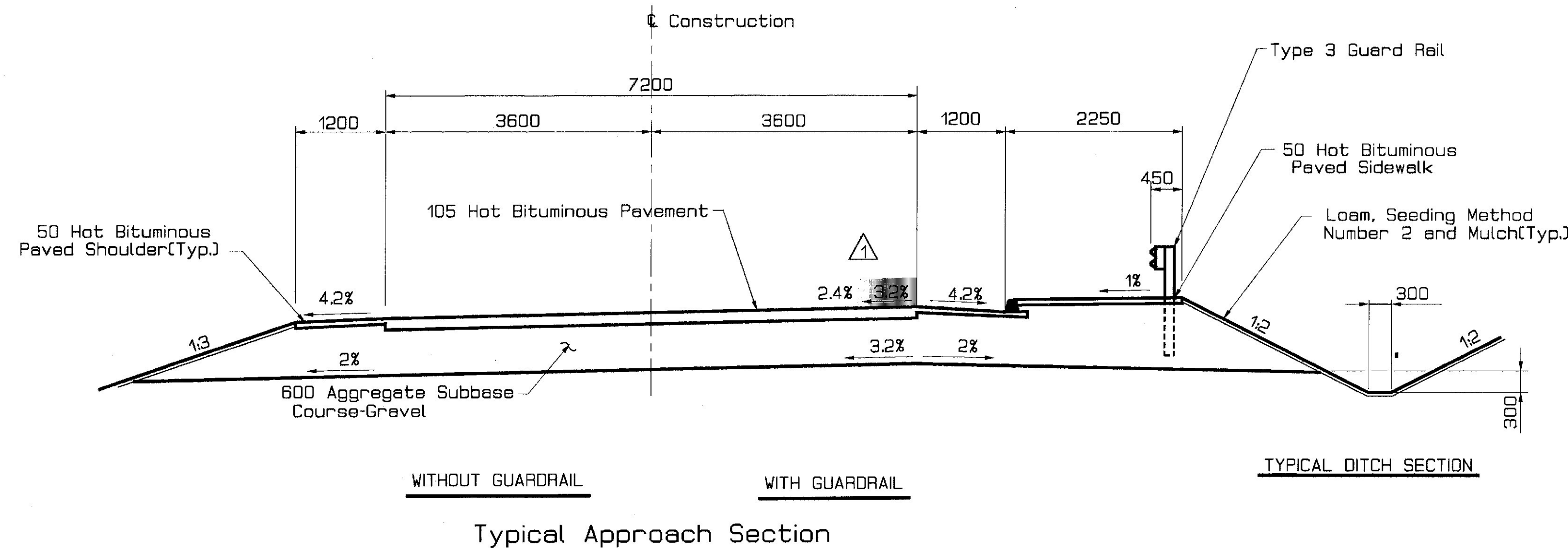


Tree and Pole List

Station	Offset	Description
1+028.879	6.121 LT	NET 74/74 CMP
1+028.687	10.092 LT	Guy
1+064.367	33.051 RT	KEL CD 23 1A NET
1+066.033	7.885 RT	Sign
1+066.221	8.575 RT	Sign
1+066.912	6.618 RT	NET 235/77/77 CMP
1+066.521	10.422 RT	Guy
1+089.240	6.014 LT	Trash Policy
1+102.198	8.433 RT	13" Oak
1+105.073	9.972 RT	Guy
1+105.849	0.649 RT	Guy
1+105.898	11.286 RT	Guy
1+106.370	5.720 RT	NET 76/76 CMP
1+116.120	8.208 RT	20" Pine
1+118.739	4.595 LT	Sign
1+121.381	6.003 RT	No Parking
1+147.097	5.897 RT	Speed Limit 25
1+165.815	4.234 LT	235A/30T NET
1+253.625	4.136 LT	NET 78/1 CPM.w/Lt.
1+271.034	4.420 LT	Speed Limit 30
1+282.413	5.230 RT	No Parking
1+306.814	5.101 LT	Wt Lmt 17 Tons
1+317.775	21.447 RT	20" 12" 16" Triple Ash
1+319.815	10.721 RT	18" Ash
1+320.860	7.929 RT	235P NET/225/79/2 CMP
1+331.442	9.661 RT	Tree(Deciduous)
1+354.084	5.813 RT	Turn Arrow/Slo Chil
1+355.804	7.679 RT	36" Ash
1+360.964	8.436 LT	Guy
1+361.887	5.751 LT	235S/NET/235/80/3 CMP
1+362.072	7.281 LT	Stop/Duncan Way
1+363.373	7.996 RT	30" Ash
1+389.089	4.547 LT	NET 87/4 CMP.w/Lt.

PROPOSED POLE LIST

Pole 235/76 CMP 76 @ Sta. 1+098 Right 6 meters
Pole 235/77 CMP 77 @ Sta. 1+166 Left 7 meters
Pole 235/78 CMP 1 @ Sta. 1+268 Left 5.5 meters



TYPICAL RIPRAP SECTION

All Bedding Material placed in the embankment slope under the riprap and within 300 mm of the back side of riprap areas shall meet the requirements of Subsection 703.19, Material for Underwater Backfill.

REVISION	DESCRIPTION	DATE
1	Cross Slope	5/1/98

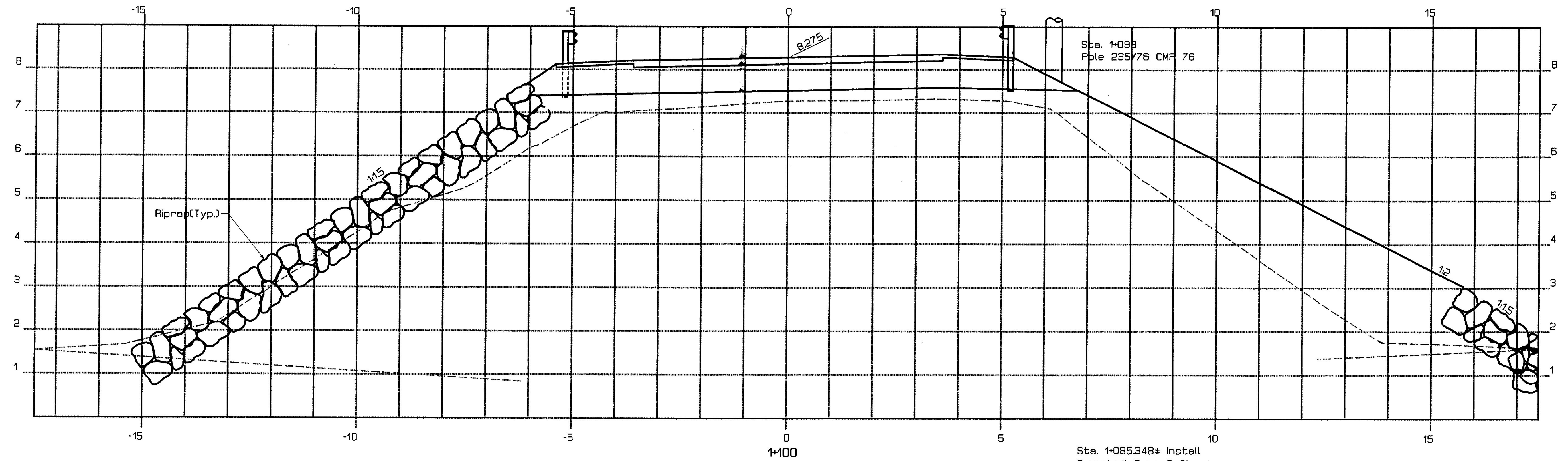
DATE	BY	SAVED	CLD.	AREA	AREA CHECKED
11-96					

FINAL SURVEY
NOTE BOOK
NO.

DATE	BY	SAVED	CLD.	AREA	AREA CHECKED

ORIGINAL SURVEY
NOTE BOOK
NO.

XSECT3
14NOV96-010110



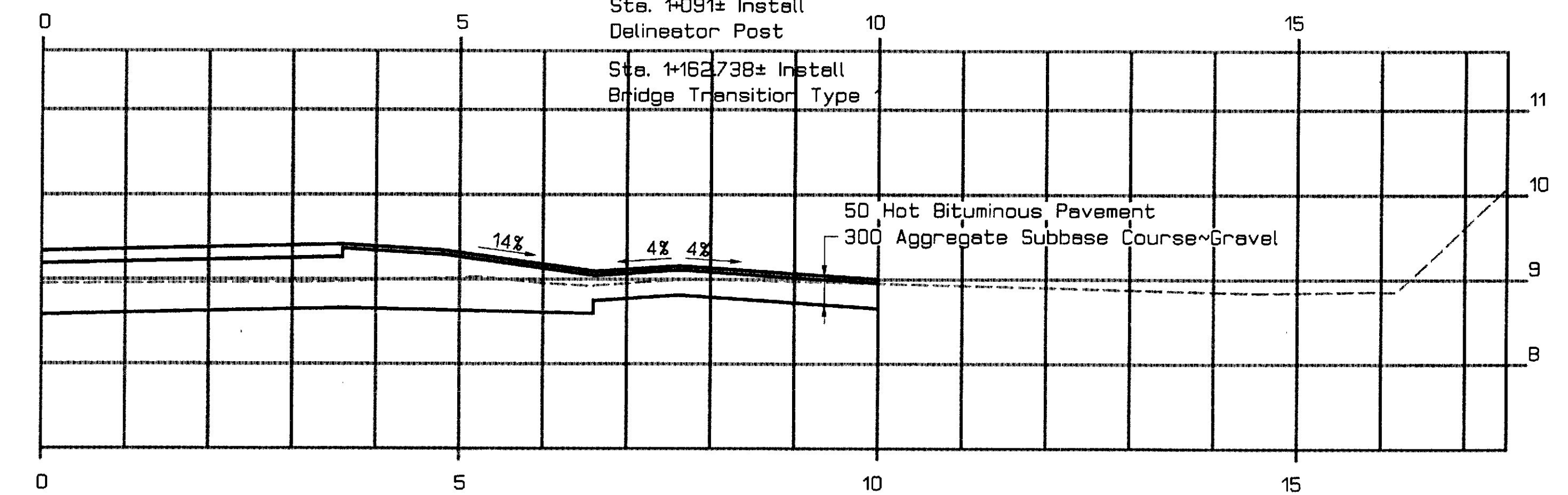
Sta. 1+078± Install
Delineator Post

Sta. 1+078±
Install Terminal End

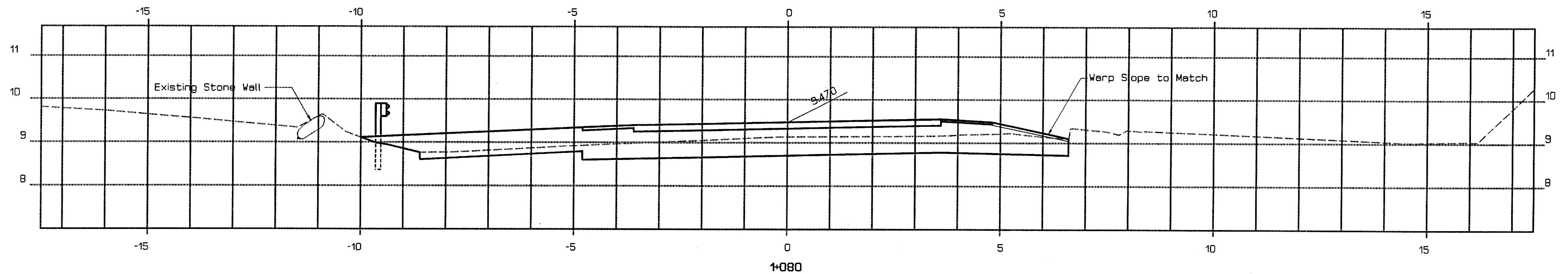
Sta. 1+078.641 Install
15.24 m Guardrail Type 3
20 m Radius

Sta. 1+093.881± Install
68.58 m Guardrail Type 3

Sta. 1+162.461± Install
Bridge Transition Type 1



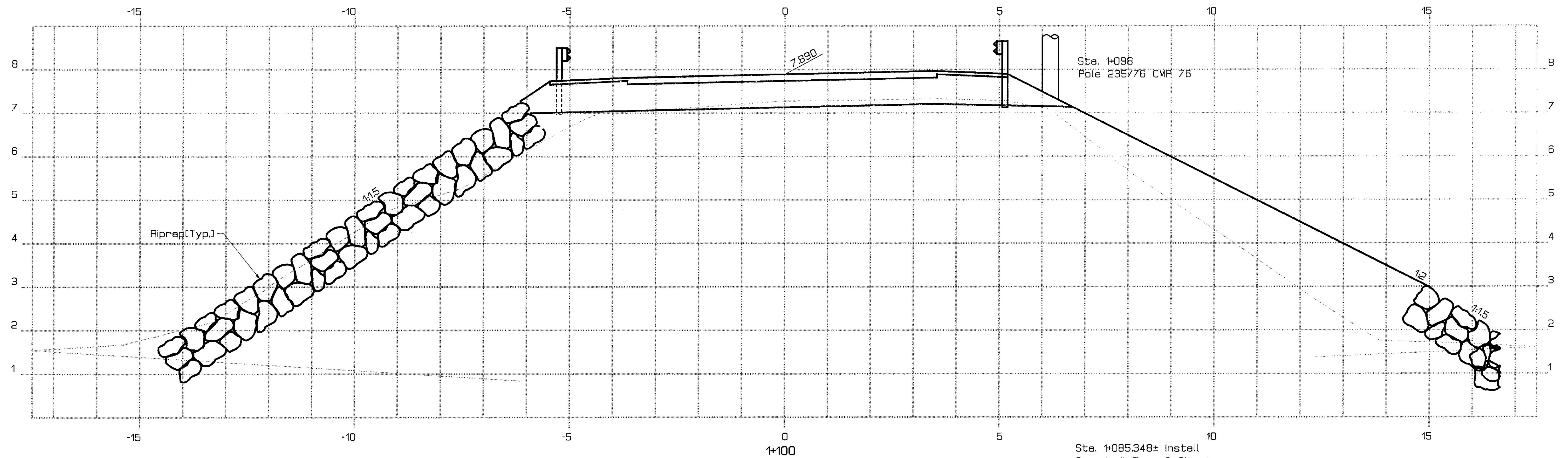
Construct 3m Paved Entrance



DATE	BY	GLD.	11-98
DESIGNED	PLOTTED	AREA	CHECKED
NO.	NO.	NO.	NO.

DATE	BY	GLD.	11-98
DESIGNED	PLOTTED	AREA	CHECKED
NO.	NO.	NO.	NO.

XSECT3
14FEB98-0100.20



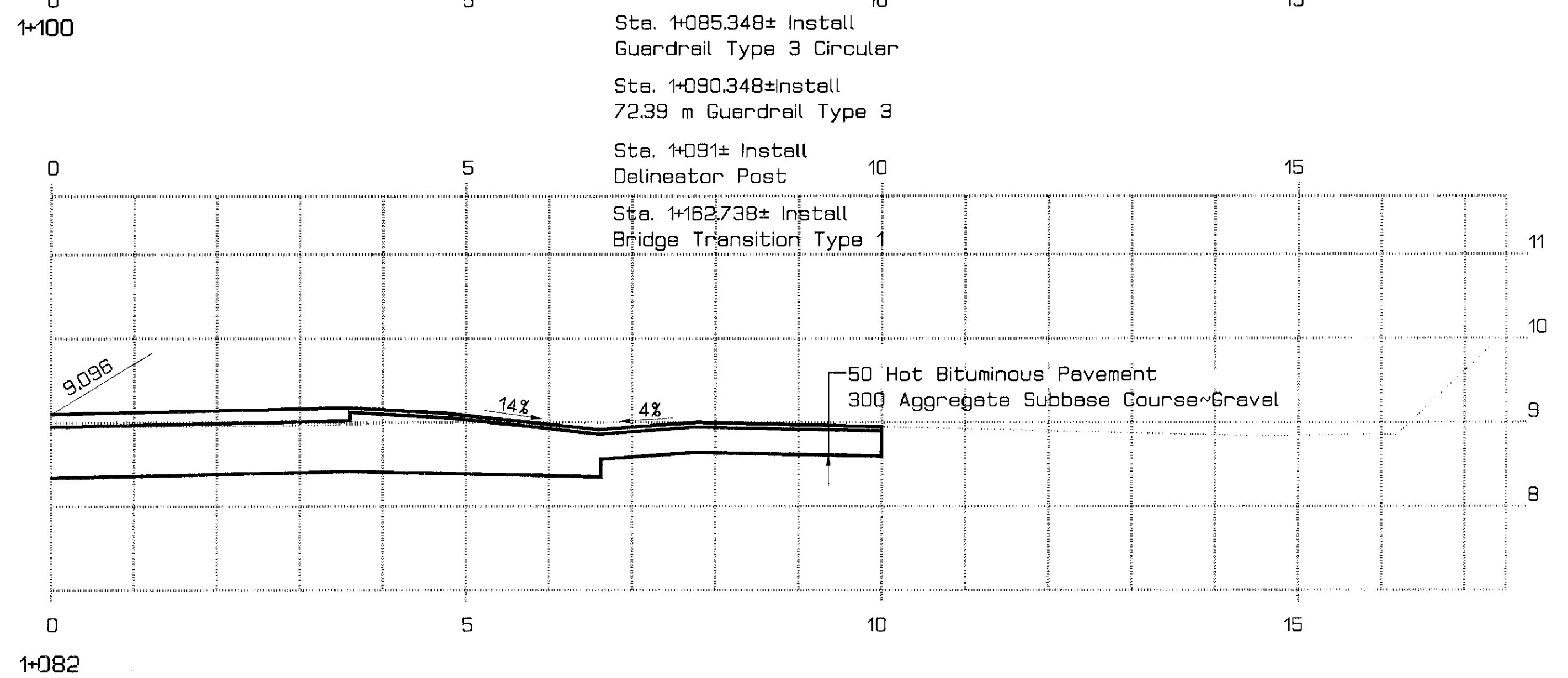
Sta. 1+078± Install
Delineator Post

Sta. 1+078±
Install Terminal End

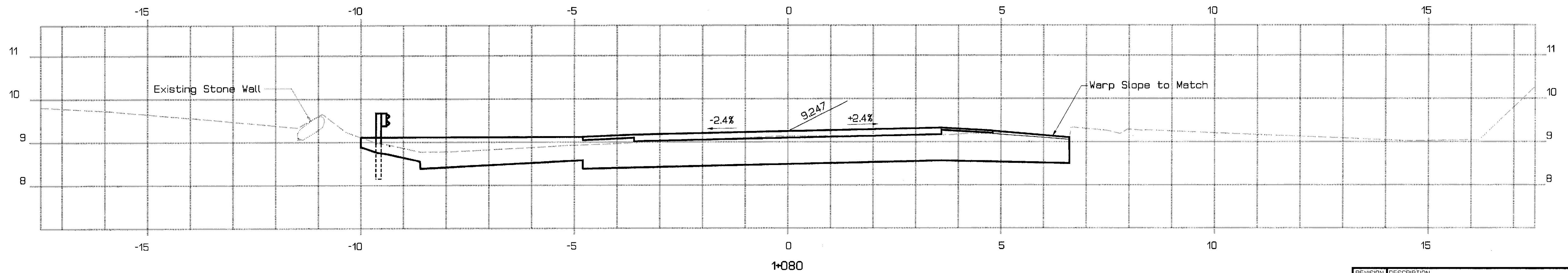
Sta. 1+078.641 Install
15.24 m Guardrail Type 3
20 m Radius

Sta. 1+093.881± Install
68.58 m Guardrail Type 3

Sta. 1+162.461± Install
Bridge Transition Type 1

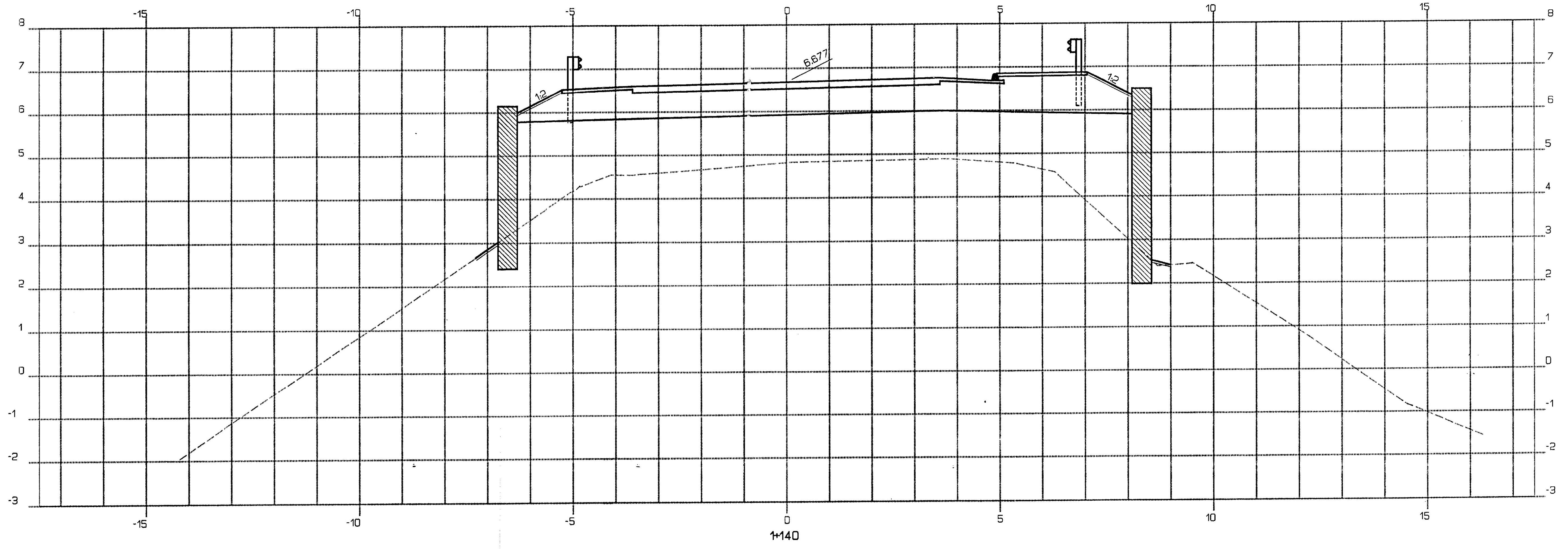


Construct 3m Paved Entrance

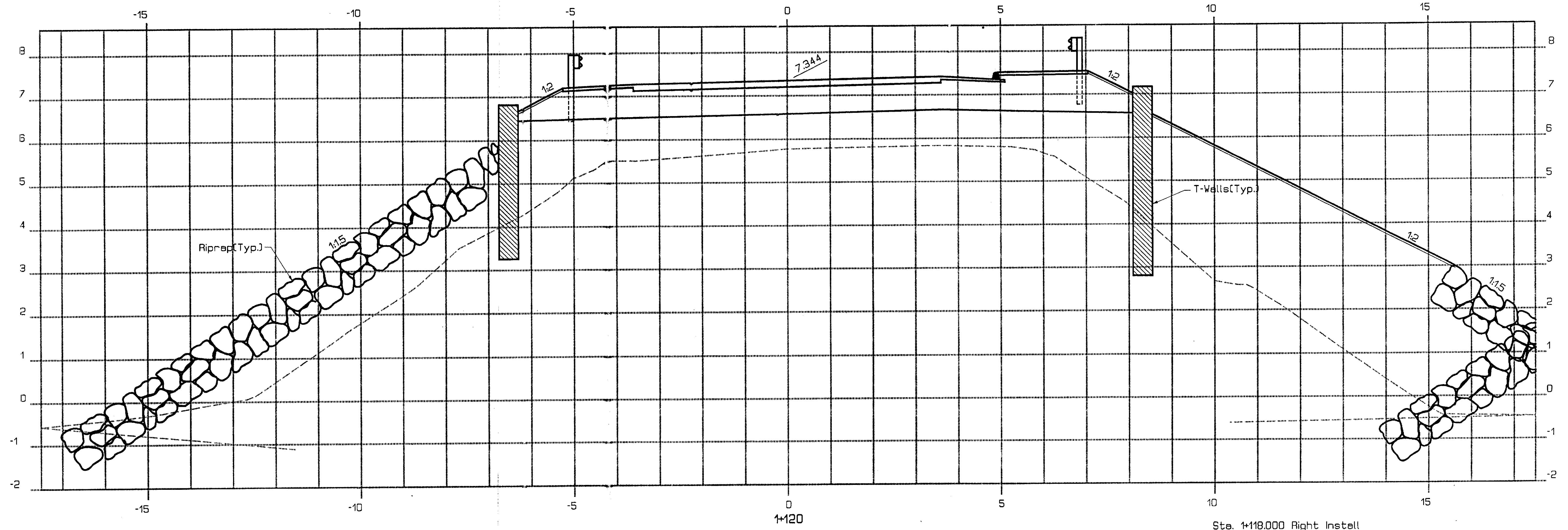


REVISION	DESCRIPTION	DATE
1	New Sheet	5/1/98

DATE	BY	DATE
11-96	C.L.P.	
SURVEY	PLOTTED	AREA
NOTE BOOK		ASPECT CHECKED



DATE	BY	DATE
SURVEY	PLOTTED	AREA
NOTE BOOK		ASPECT CHECKED



Sta. 1+118.000 Right Install
Precast Concrete Transition Curb
Payment incidental to related contract items

METRIC

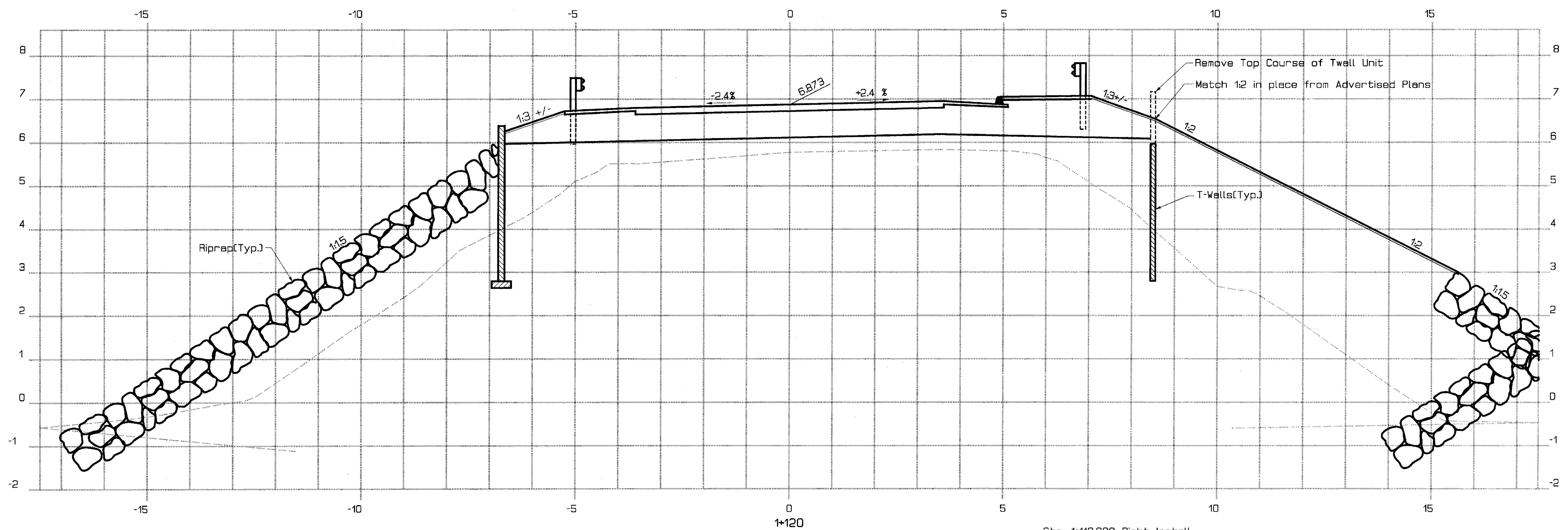
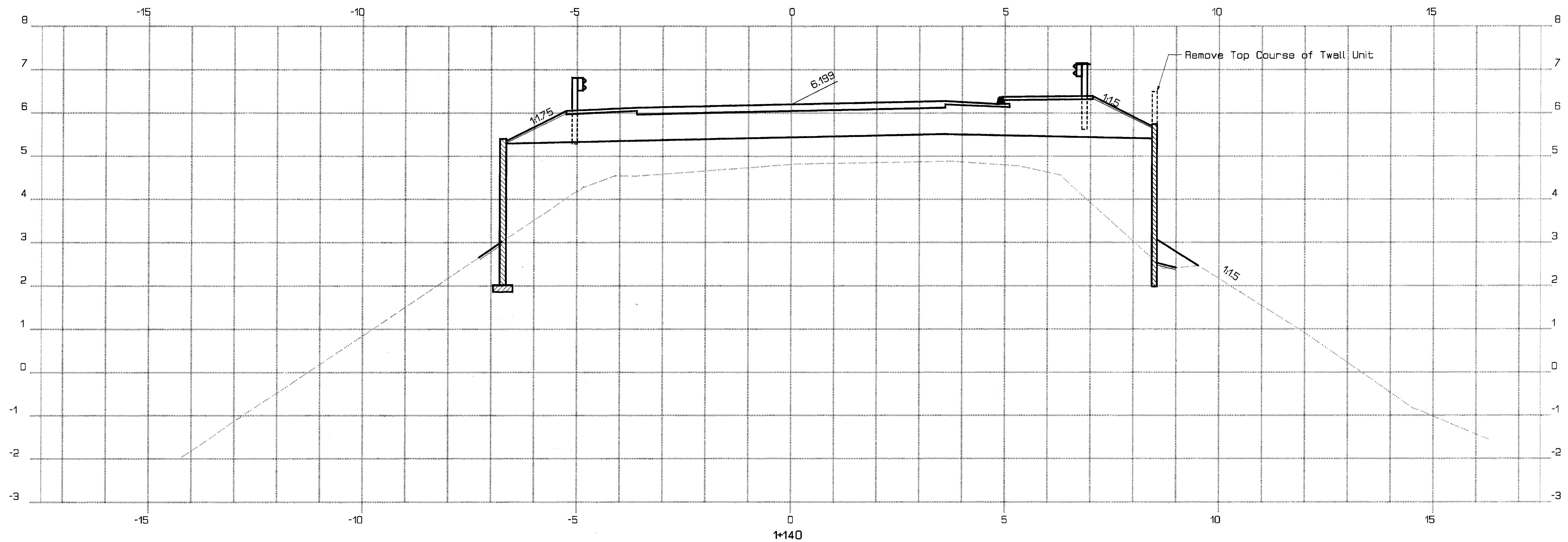
REV.	NO.	DATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1			BR-6458000X	28	29

APPENDIX 32A

DATE	BY	CHD.	11-98
REVIEWED	PLOTTED	AREAS	CHECKED
FINAL SURVEY	NOTE BOOK	NO.	

DATE	BY	CHD.	11-98
REVIEWED	PLOTTED	AREAS	CHECKED
ORIGINAL SURVEY	NOTE BOOK	NO.	

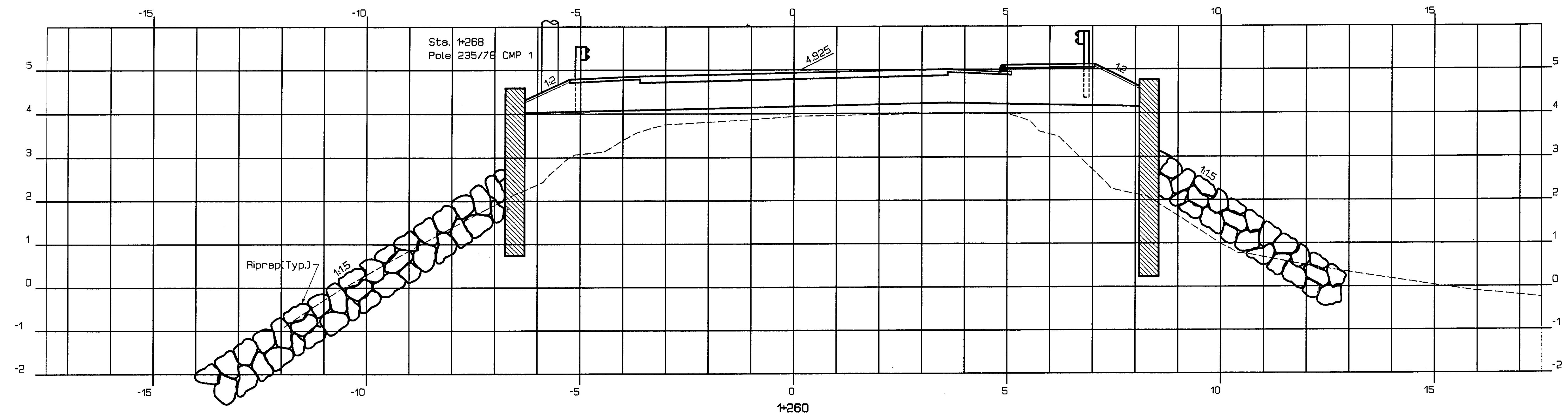
XSECT 4
14FEB99-0100.20



Sta. 1*118.000 Right Install
Precast Concrete Transition Curb
Payment incidental to related contract items

REVISION	DESCRIPTION	DATE
1	New Sheet	5/1/98

KITTERY PIN 6458.00 Sta. 1*120 to Sta. 1*140



Sta. 1+255.331 Install
Bridge Transition Type 1

Sta. 1+261.573 Install
38.10 m Guardrail Type 3

Sta. 1+299± Install
Delineator Post

Sta. 1+299.673 Install
B.C.T.

Sta. 1+255.681
Back of Backwall
Bridge

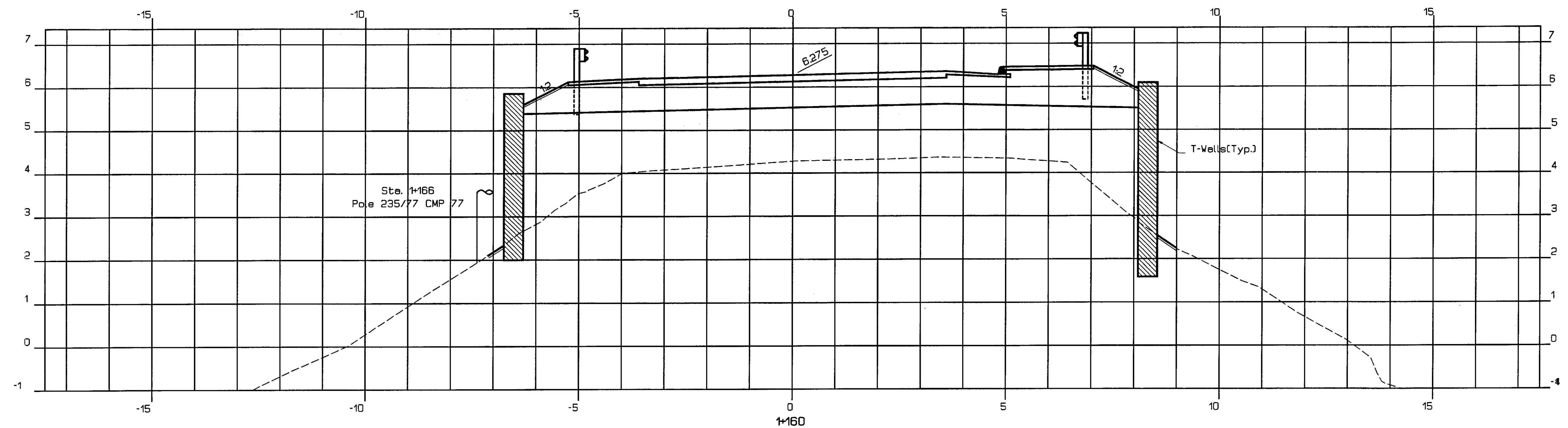
Sta. 1+167.475
Back of Backwall

Sta. 1+254.145 Install
Bridge Transition Type 1

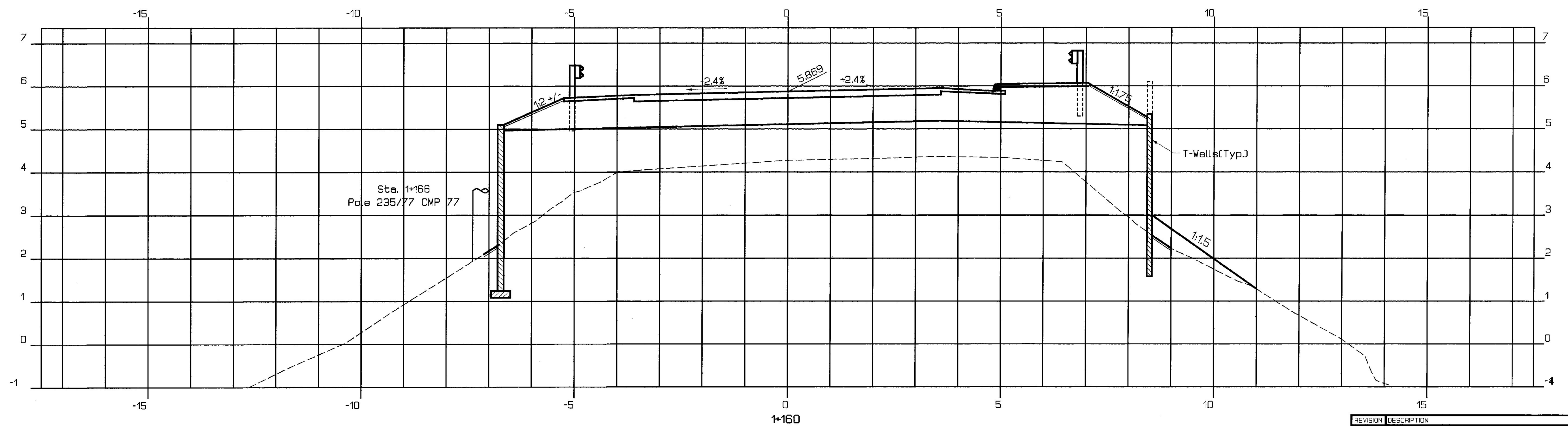
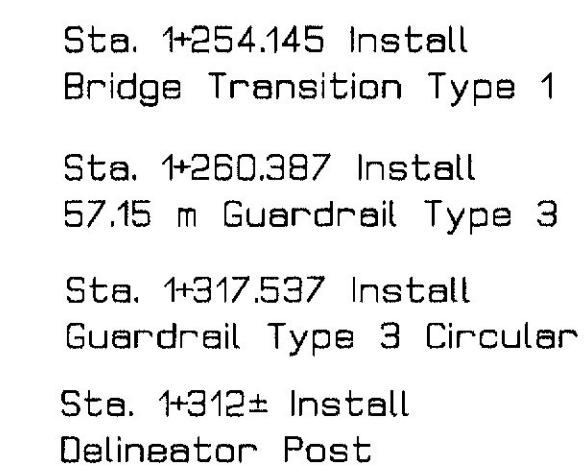
Sta. 1+260.387 Install
57.15 m Guardrail Type 3

Sta. 1+317.537 Install
Guardrail Type 3 Circular

Sta. 1+312± Install
Delineator Post



ADDENDUM 25A



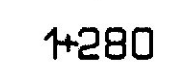
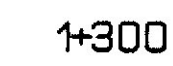
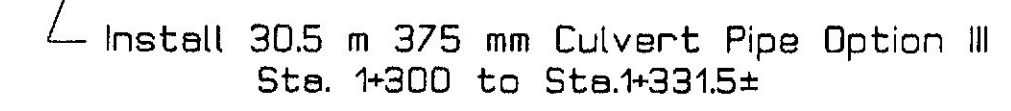
REVISION	DESCRIPTION	DATE
1	New Sheet	5/1/98

FINAL SURVEY	BY _____		DATE _____
	SURVEYED _____		
	PLOTTED _____		
	TEMPLATE _____		11-96
NOTE BOOK	AREAS _____		

ORIGINAL SURVEY	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		
	NOTE BOOK		

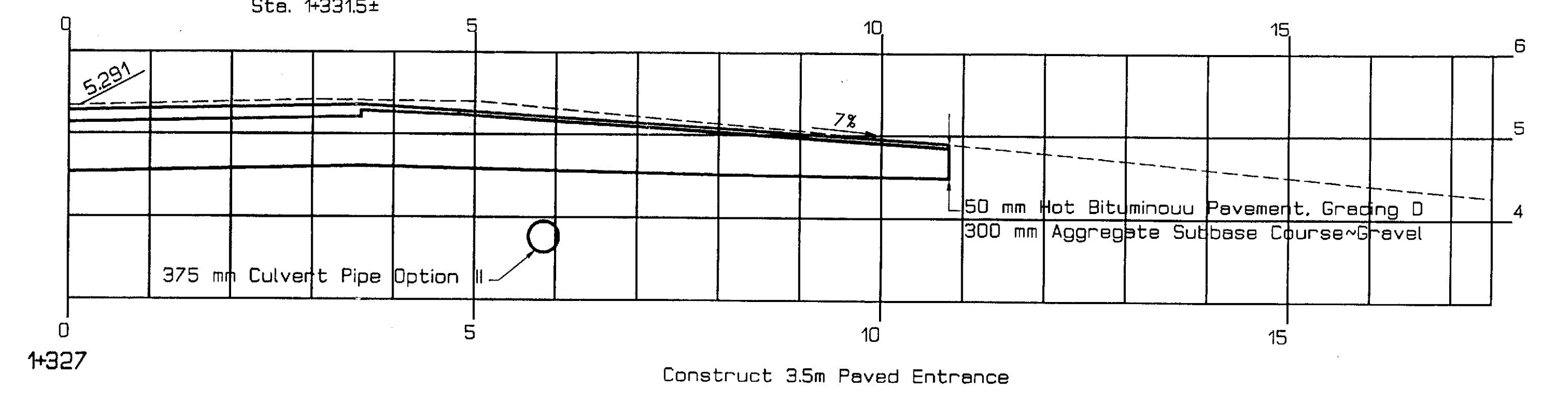
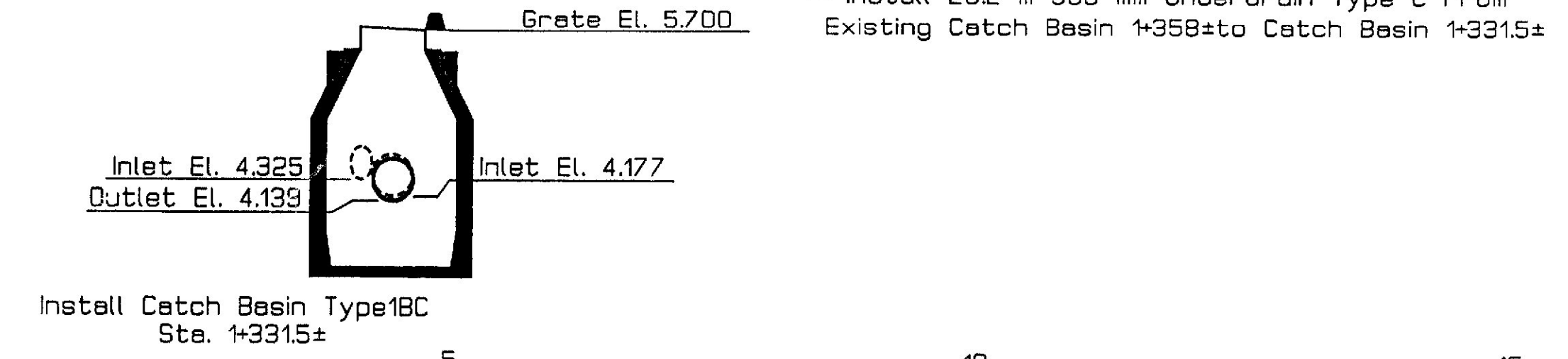
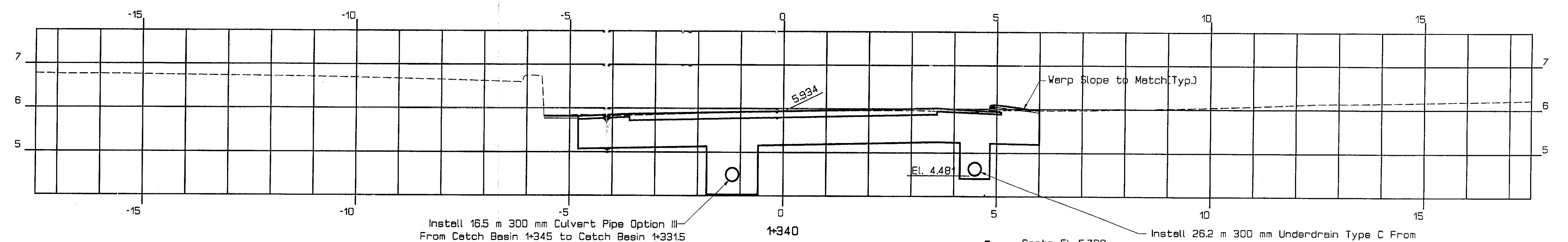
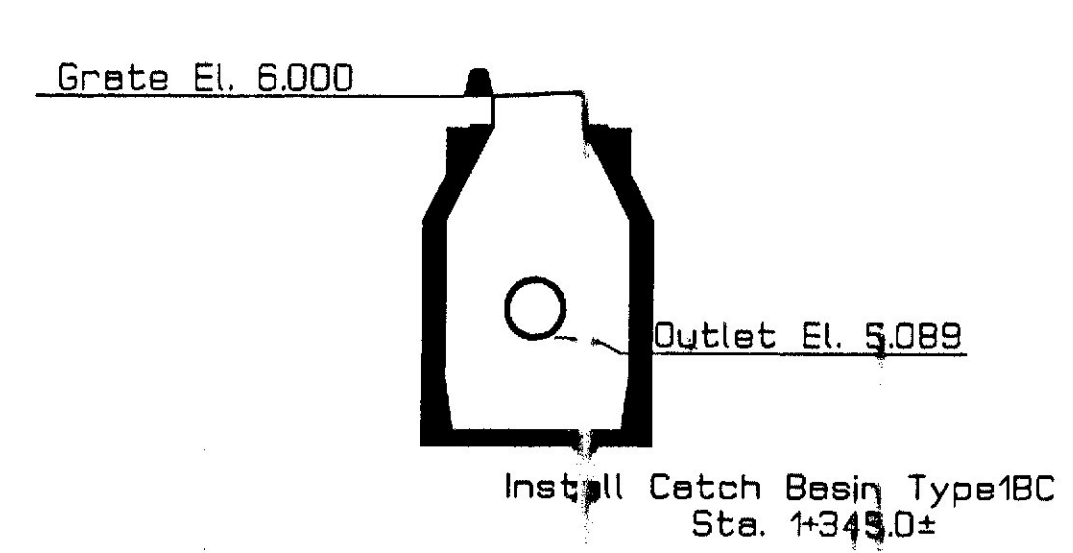
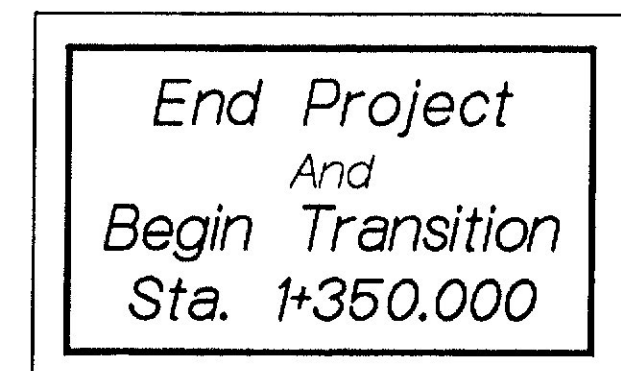
XSECT5
14FEB98-01.00.20

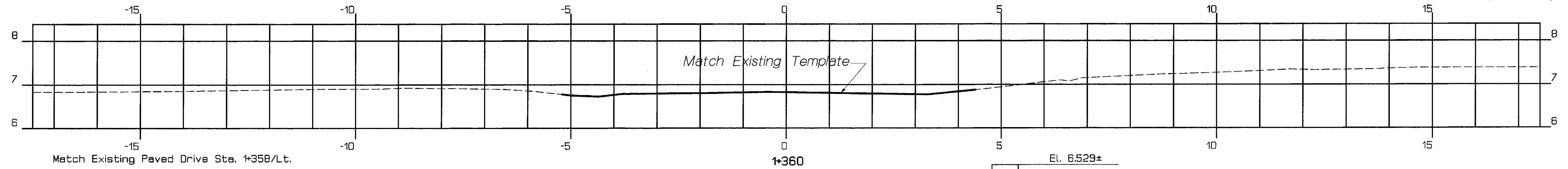
F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-6458(00)X	24	29



ORIGINAL	SURVEYED _____	BY _____	DATE _____
SURVEY	PLOTTED _____		
NOTE BOOK	TEMPLATE _____		
N.D.	AREAS _____		
	CHECKED _____		

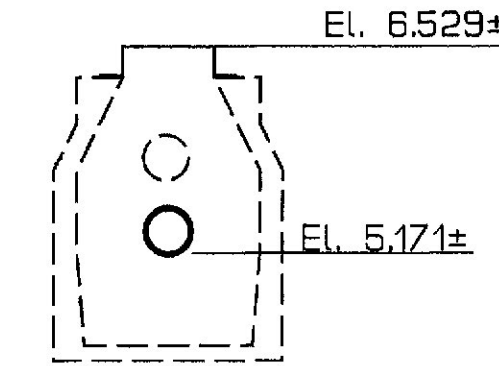
KITTEY PIN 6458.00 Sta. 1+280 to Sta. 1+320



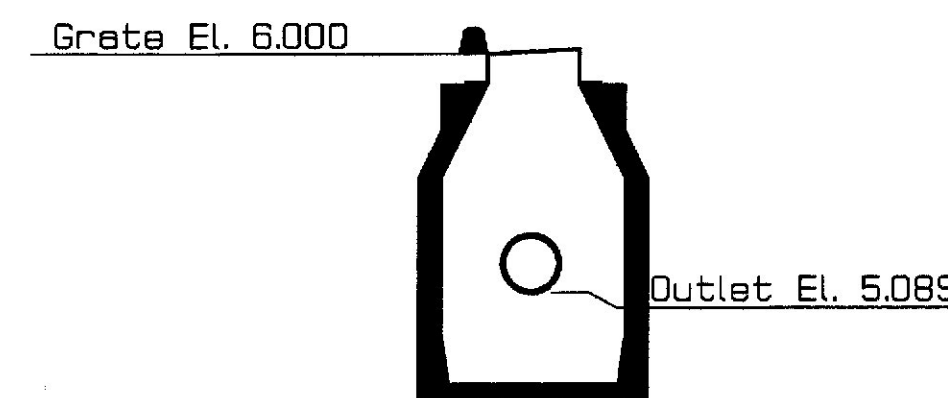


End Transition
Sta. 1+360.000

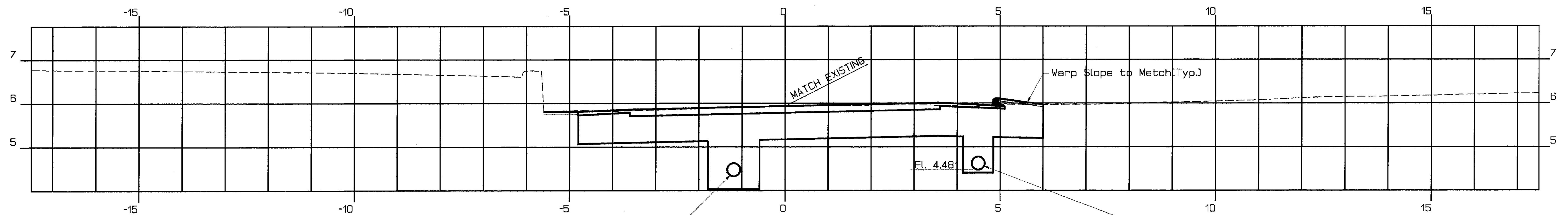
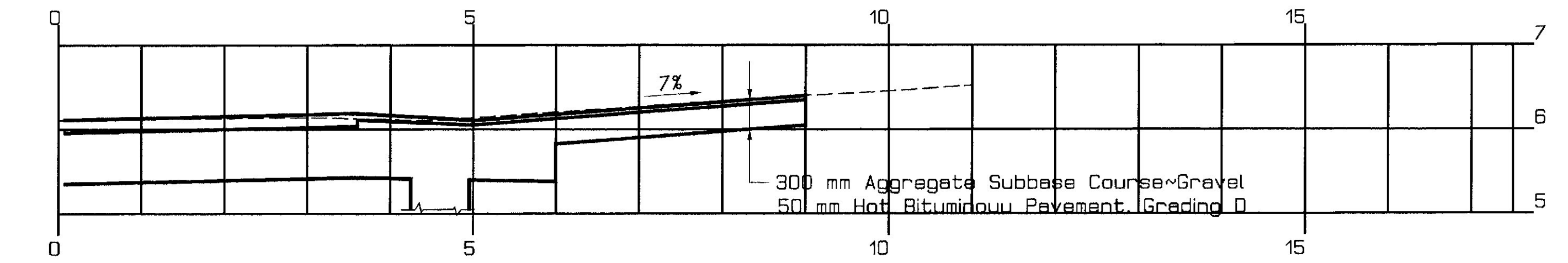
End Project
And
Begin Transition
Sta. 1+350.000



Existing Catch Basin - Reset Top To Grade
Sta. 1+358±

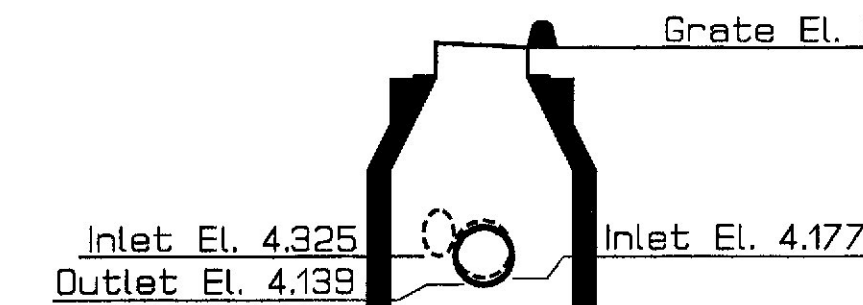


Install Catch Basin Type1BC
Sta. 1+345.0±

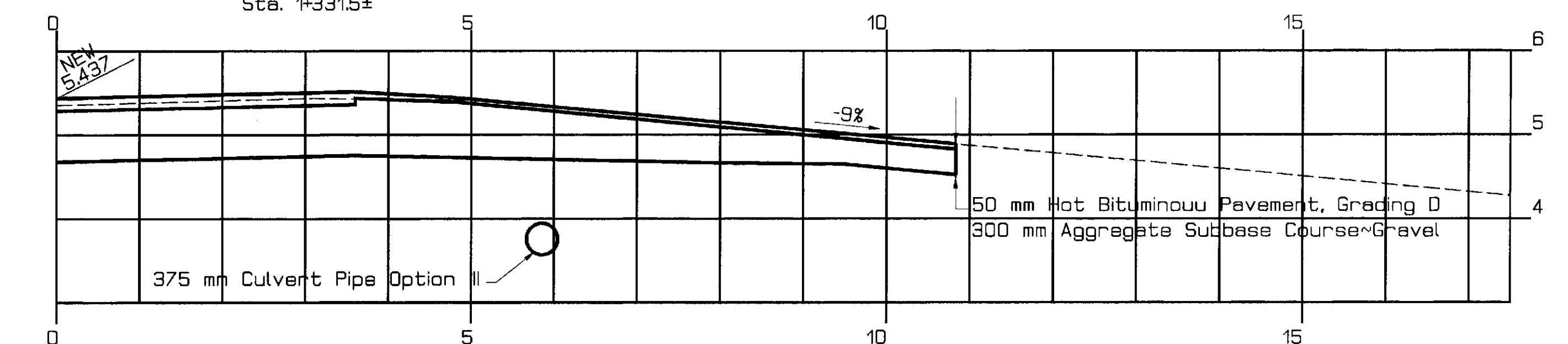


Install 16.5 m 300 mm Culvert Pipe Option III
From Catch Basin 1+345 to Catch Basin 1+331.5

1+340



Install Catch Basin Type1BC
Sta. 1+331.5±



1+327

Construct 3.5m Paved Entrance

REVISION	DESCRIPTION	DATE
1	New Sheet	5/1/98

DATE	11-98
BY	CLD.
REVISION	
PLOTTED	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
BY	
REVISION	
PLOTTED	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

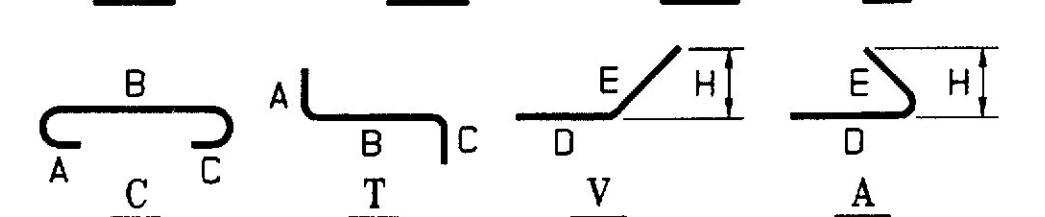
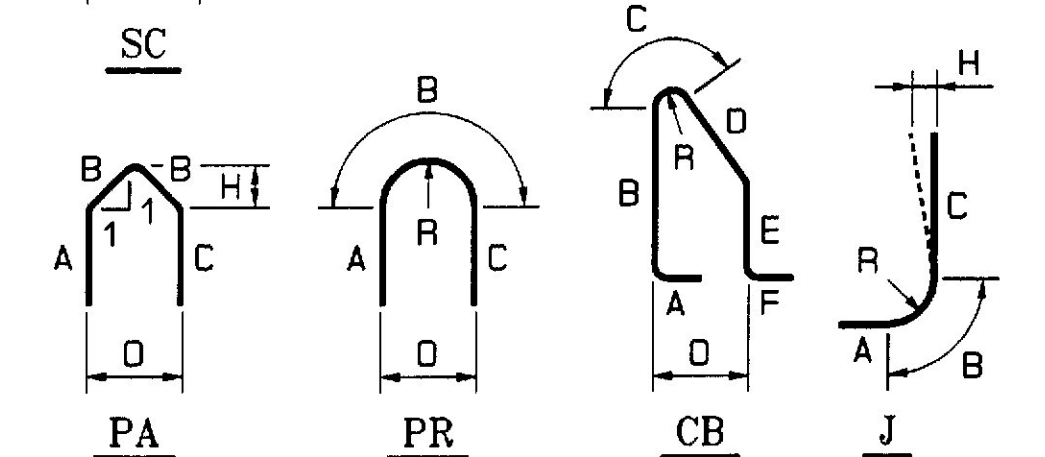
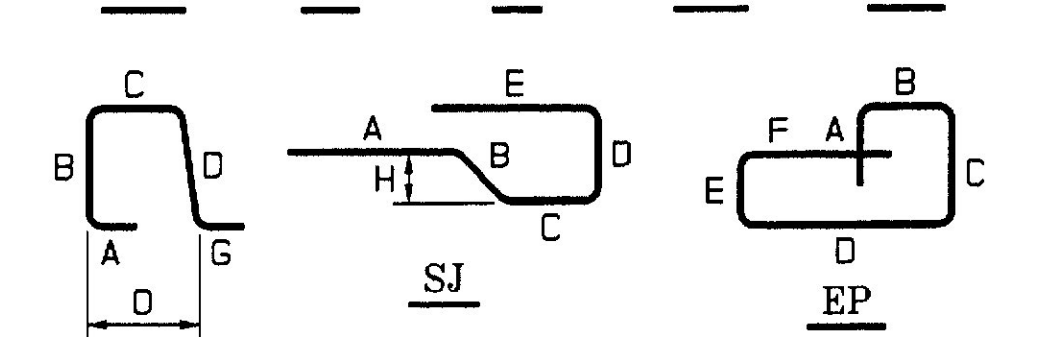
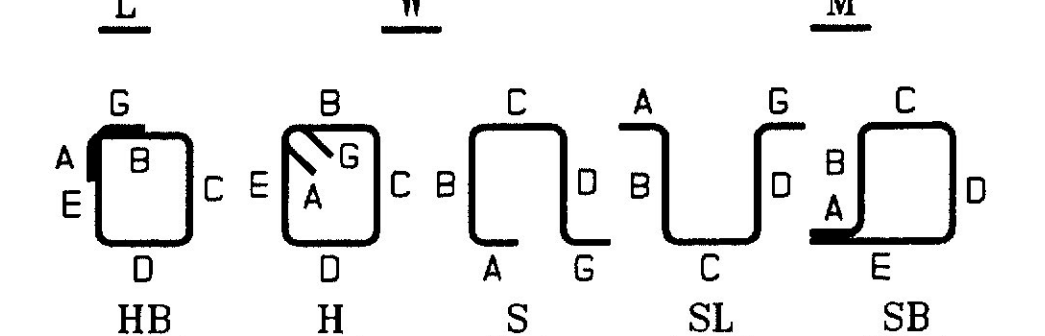
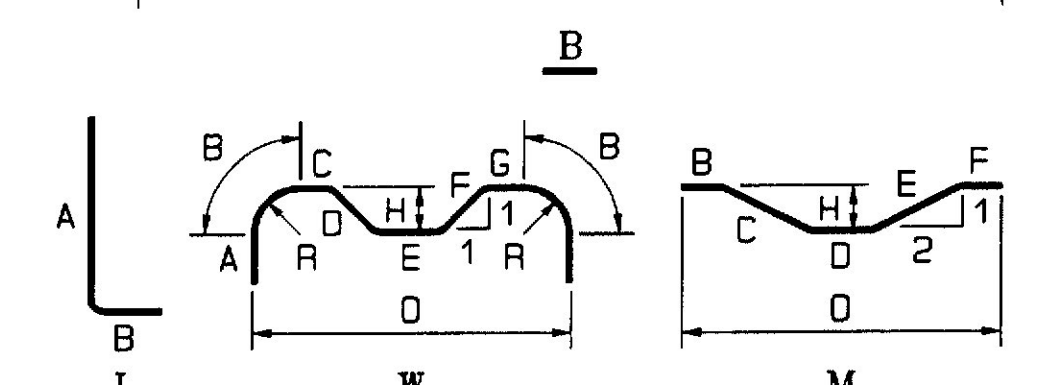
METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.U.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-6458(00)X	26	29

[illegible][illegible]

The diagram shows a stepped profile with horizontal segments labeled B, E1, E2 etc., and F. The sloped segments are labeled C. The horizontal distance is labeled O, and the vertical height is labeled H. The slopes are indicated as 1:1.



All dimensions are out - to - out of bar.

Bending details and hooks shall conform to the recommendations of the current revision of ACI Standard 318.

Reinforcing Bar: ASTM A615/A615M, Grade 420

GENERAL NOTES

1. The first two digits following the letter(s) of the mark indicate the size of the bar:

```
Mark "A1602" = bar size •16
Mark "P2501" = bar size •25
Mark "S1950" = bar size •19
```

2. Each crank bar, Type B, may be replaced by two (2) straight bars (one top and one bottom) of the same bar size as the crank bar. Payment in either case shall be based on crank bars as scheduled on plans.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

KITTERY POINT BRIDGE
OVER
SPRUCE CREEK
IN THE TOWN OF
KITTERY
YORK COUNTY
REINFORCING STEEL SCHEDULE

SHEET OF AUGUSTA, MAINE August 1997

PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	SALebrun	4-97
CHECKED		
REVISED		

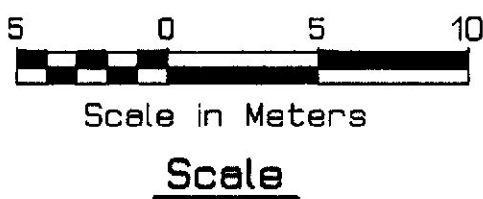
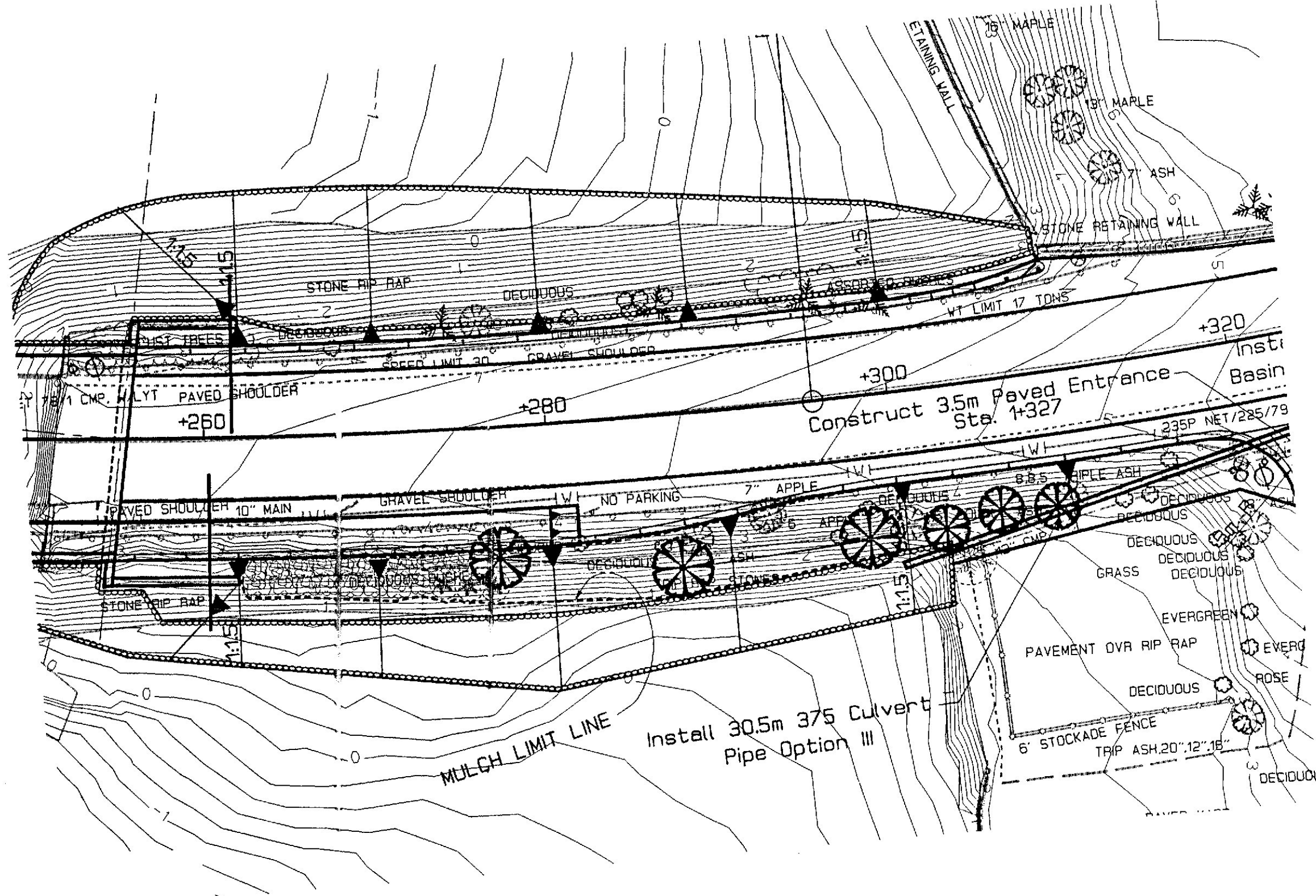
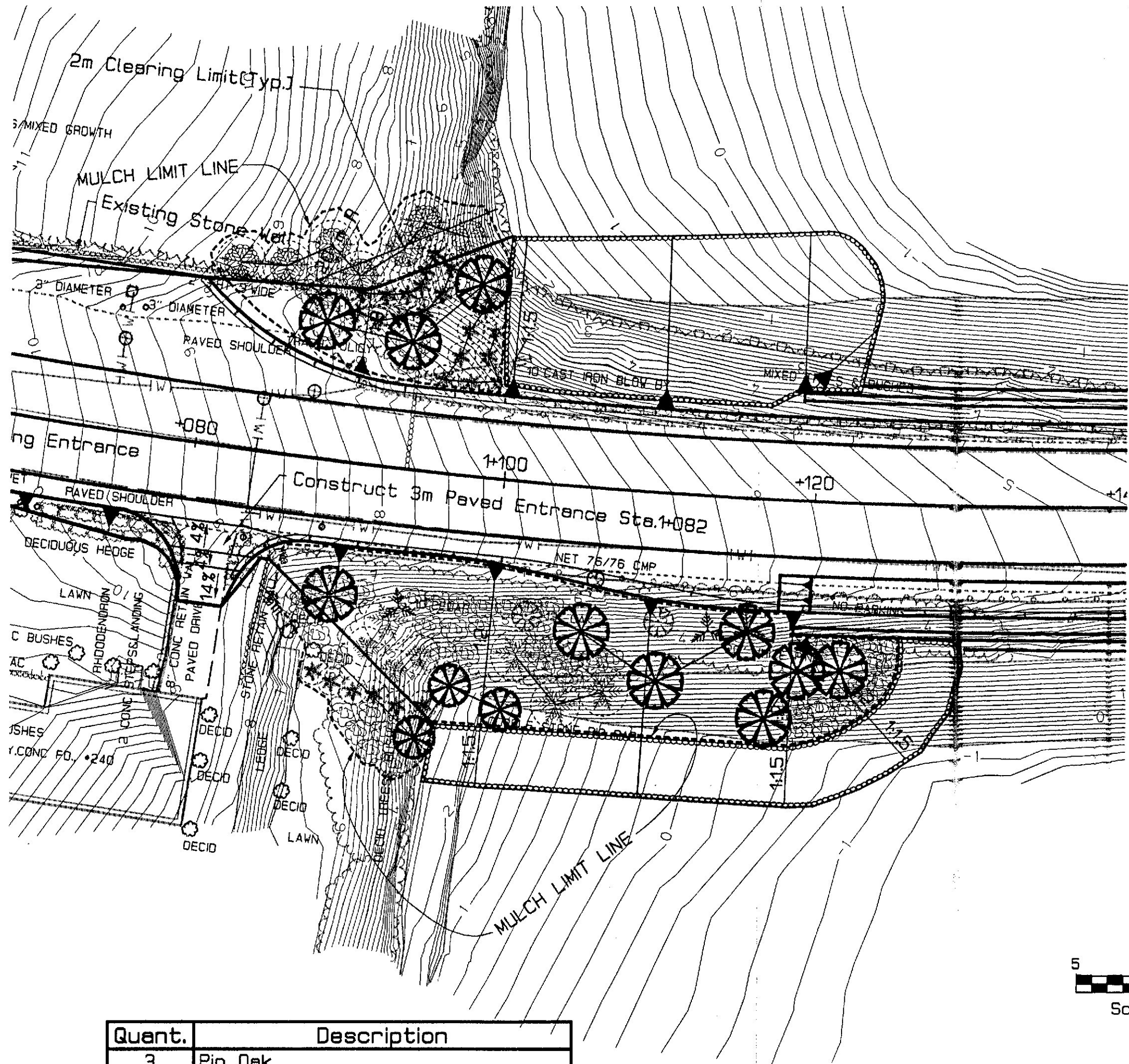
REBAR01
16APR97-15.06.20

METRIC

- 1. All dimensions are in millimeters unless otherwise noted.
- 2. All elevations and stations are in meters.

F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-6458(00)X	27	29

Quant.	Description
7	Colorado Spruce
3	Red Oak
12	Rosebay Rhododendron
4	Common Witchhazel
8	Pfitzer Juniper
75	Snow-in-Summer



Quant.	Description
3	Pin Oak
3	Japanese Black Pine
15	Beech Plum
24	Beech Rose
3	Colorado Spruce
3	Japanese Flowering Crabapple
6	Rosebay Rhododendron
6	Pfitzer Juniper
3	Red Cedar
1	Colorado Blue Spruce
250	Snow-in-Summer
1	Red Oak

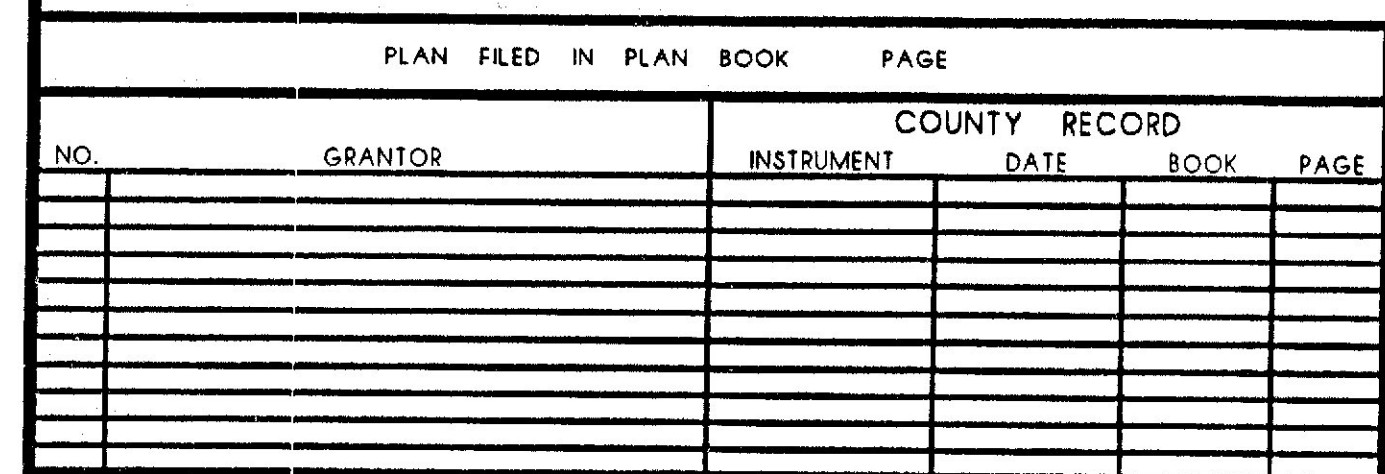
Quant.	Description
42	Beach Rose
3	Japanese Black Pine
150	Snow-in-Summer
3	Pin Oak
12	Pfitzer Juniper
1	Colorado Spruce
3	Winter King Hawthorn

PROJECT DESIGNER	DATE
DESIGN-DETAILED	11-96
CHECKED	
REVISIONS	
FIELD CHANGES	

16APR97-15.06.20
PLAN3

Bridge Code #3013
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
KITTERY POINT BRIDGE
OVER
SPRUCE CREEK
IN THE TOWN OF
KITTERY
YORK COUNTY
LANDSCAPE PLAN
AUGUSTA, MAINE November 1996

METRIC	F.H.W.A. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
	1	MAINE		28	29



'KITTEBY POINT BRIDGE'
over
SPRUCE CREEK

SYMBOLS

*IP (IRON PIPE or PIN)

□ S.T. (SEPTIC TANK)

—|W| WATER LINE

—|G| GAS LINE

—|E| ELECTRIC LINE

—|T| TELEPHONE LINE

—|SEWER LINE

—|PROPERTY LINE

LIMITS OF WROUGHT PORTION

EXISTING RIGHT OF WAY

NEW RIGHT OF WAY

NEW RIGHT OF WAY WITHIN EXISTING RIGHT OF WAY

CONTROL OF ACCESS

● - RAILROAD SPIKE ▲ - CONTROL MONUMENT

MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL MONUMENTS

MAINE STATE COORDINATE SYSTEM - ZONE

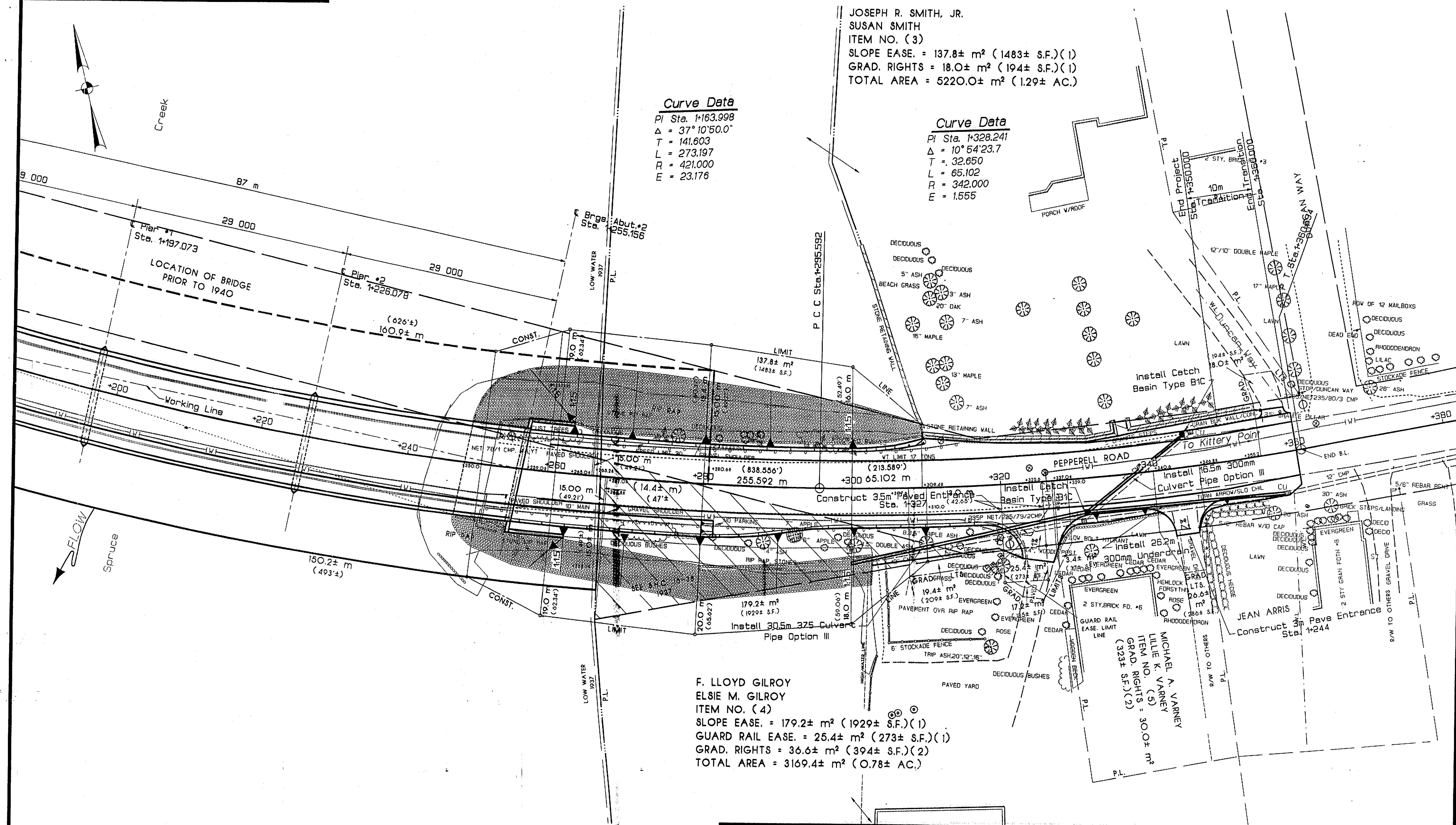
CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY MAP	
STATE HIGHWAY '100'	
KITTERY	YORK COUNTY
FEDERAL AID PROJECT NO. BR-6458(OO)X	
DATE: FEBRUARY 1997	
SCALE: 1" = 200'	<u>JOHN G. MELROSE</u> COMMISSIONER
SHEET NO. 1 OF 2 SHEETS	<u>JOHN E. DORITY</u> CHIEF ENGINEER
D.O.T. FILE NO. 16-363	

ITEM	TECH	CHECKED	REVISIONS		
BASE MAP	T.L.B.		NO.	DATE	DESCRIPTION
EXIST. R/W	C.R.M.				BY
PROP. LINES	C.R.M.				
AREAS	T.L.B.	D.S.G.			

METRIC

F.N.V.A.L. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE		29	29



'KITTERY POINT BRIDGE'
 over
SPRUCE CREEK

EXISTING R/W
 ROUTE 103
 KITTERY TOWN RECORDS
 VOLUME 3, PAGE 384
 SEPT. 3, 1870
 ALSO SEE S.H.C. FILE NO. 16-38
 DUNCAN WAY
 KITTERY TOWN RECORDS
 VOLUME 7, 791
 1947 ARTICLE 47, VOTED TO ACCEPT
 25' (7.62 m)

PLAN FILED IN PLAN BOOK		PAGE	
NO.	GRANTOR	COUNTY RECORD	INSTRUMENT
		DATE	BOOK
		PAGE	

SYMBOLS		● - RAILROAD SPIKE		▲ - CONTROL MONUMENTS	
MAINE DEPARTMENT OF TRANSPORTATION - CENTERLINE CONTROL					
MAINE STATE COORDINATE SYSTEM - ZONE					
CENTERLINE CONTROL MONUMENTS			TRAVERSE CONTROL POINTS		
STATION	NORTH	EAST	NUMBER	NORTH	EAST
			</		

STATE OF MAINE		YORK COUNTY	
DEPARTMENT OF TRANSPORTATION		FEDERAL AID PROJECT NO. BR-6458(00)X	
RIGHT OF WAY MAP		DATE: FEBRUARY 1997	
STATE HIGHWAY '100'		SCALE: 1 = 250	
KITTERY		JOHN G. MELROSE	
SHEET NO. 2 OF 2 SHEETS		COMMISSIONER	
D.O.T. FILE NO. 16-363		JOHN E. DORITY	
		CHIEF ENGINEER	

P.L.N. 1506258.00

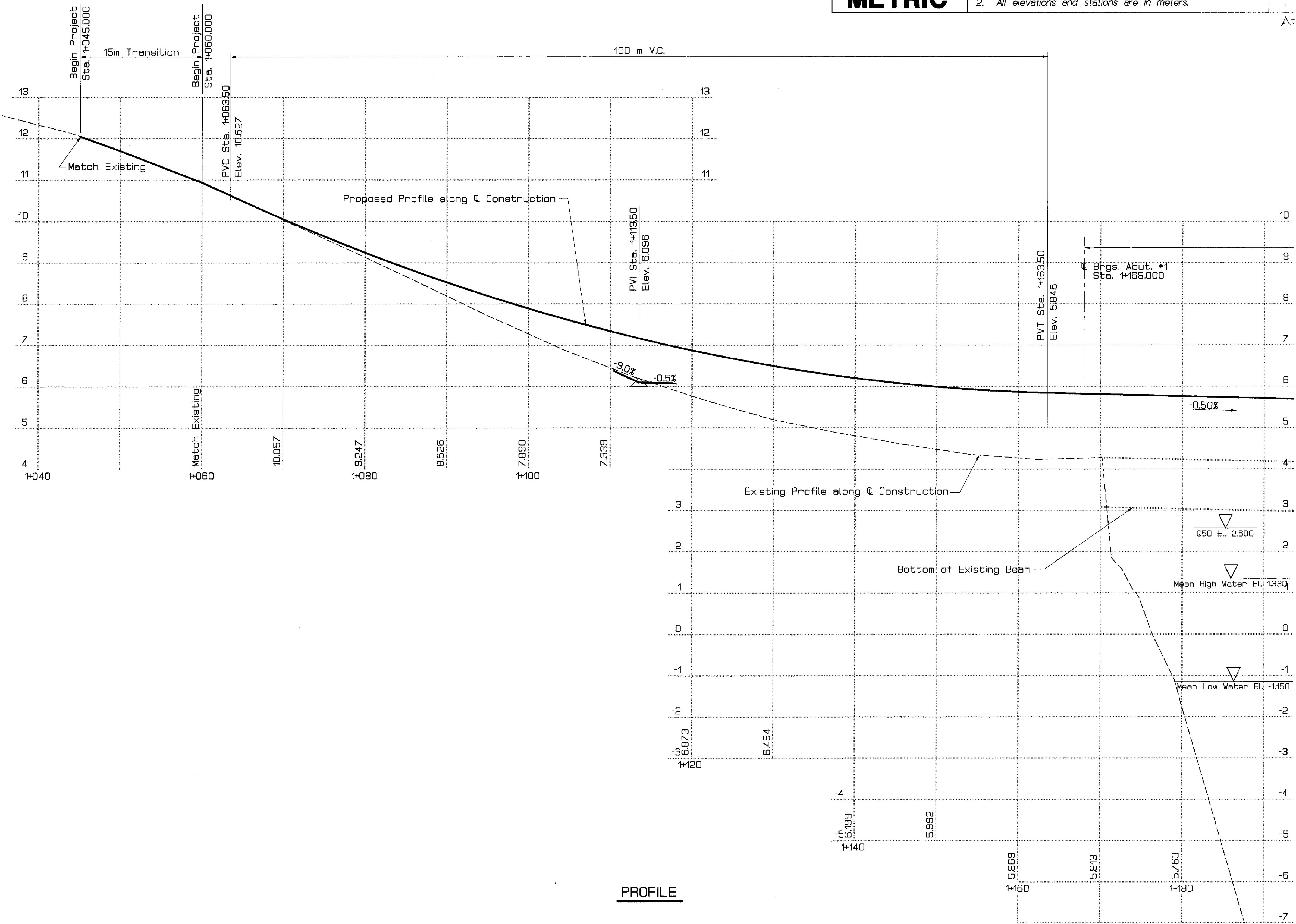
BRIDGE NO. 3013

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.A.V.A. RES. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-6458(00)X	5A	

ATTACHED



PROFILE

PROJECT DESIGN ENGINEER	BY	DATE
DESIGN-DETAILED	MKD/KDM	4/98
CHECKED		
REVISIONS		
FIELD CHANGES		

14FEB98-01.00.10
PROF1

Bridge Code #3013

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

KITTERY POINT BRIDGE
OVER
SPRUCE CREEK
IN THE TOWN OF
KITTERY
YORK COUNTY
REVISED PROFILE

AUGUSTA, MAINE

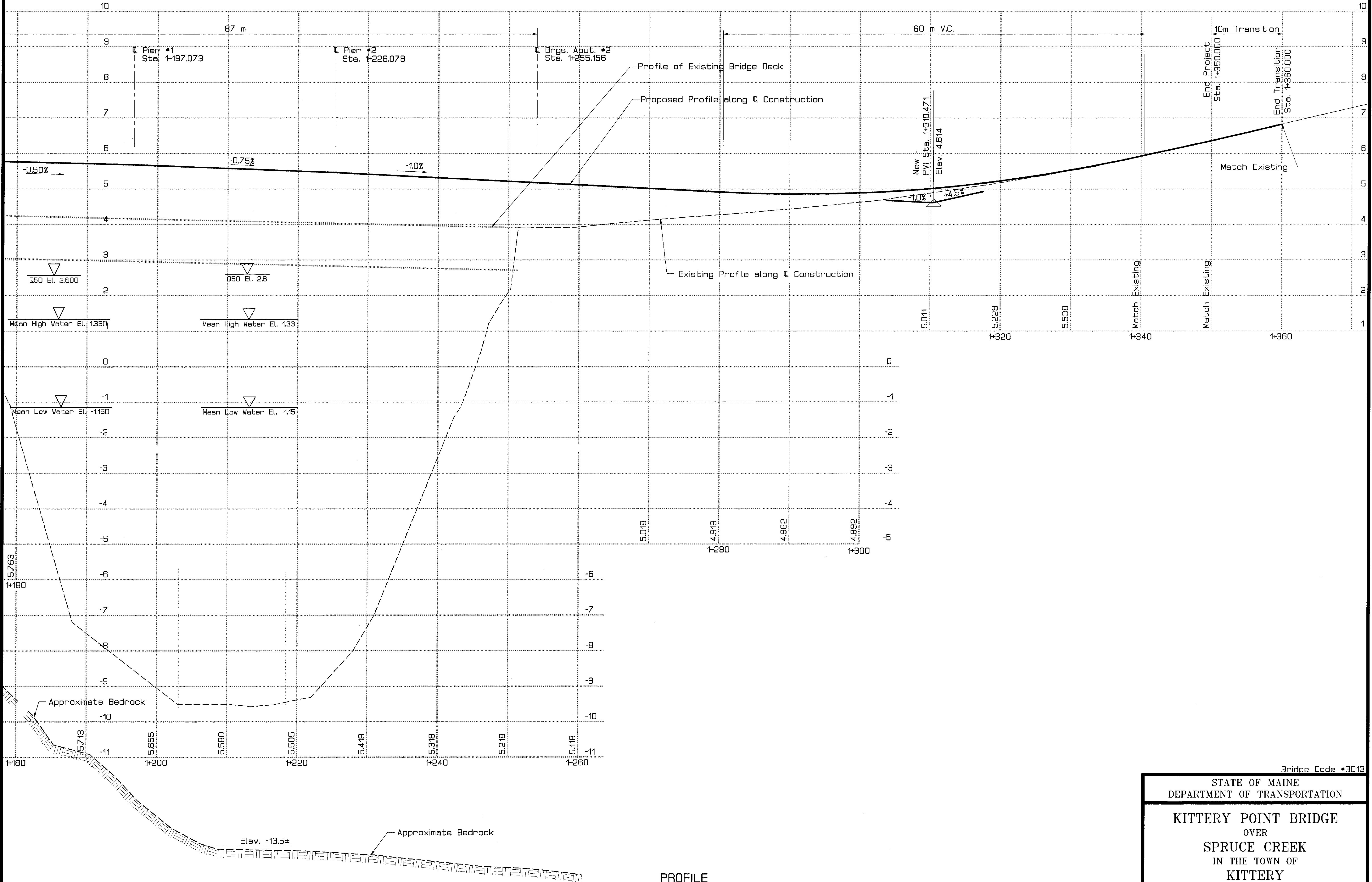
REVISION	DESCRIPTION	DATE
1	New Sheet	5/1/98

METRIC

1. All dimensions are in millimeters unless otherwise noted.
2. All elevations and stations are in meters.

F.H.V.A. REV. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	BR-6458(00)X	6A	

ADDENDUM



PROJECT DESIGN ENGINEER	DATE
BY: MRS/KBM	4/98
DESIGN-DETAILED	
CHECKED	
REVISIONS	
FIELD CHANGES	

14FEB98-0100.10
PROP2

PROFILE

REVISION	DESCRIPTION	DATE
1	New Sheet	5/1/98

Bridge Code #3013

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

KITTERY POINT BRIDGE
OVER
SPRUCE CREEK
IN THE TOWN OF
KITTERY
YORK COUNTY
REVISED PROFILE

AUGUSTA, MAINE