

Le 9 mai 2018

Barrage Admiral et barrage du lac Downie - AAC
Contrat 5
Remplacement du système de vanne
CONTRAT 4547-928-714-0-C5

Addenda n° 2

Questions et réponses

Q1 Est-ce que AAC a un fournisseur en tête?

R1 Non.

Q2 Est-ce que certains détails de l'entrée afin de pouvoir évaluer la conception d'une cloison?

R2 Voir les dessins ci-joints.

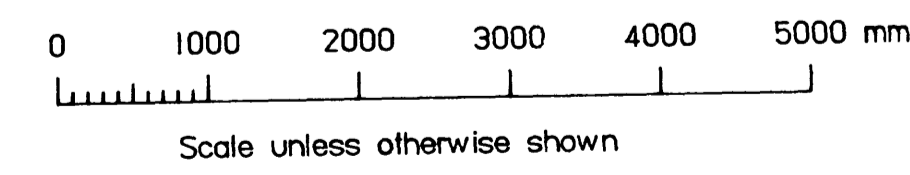
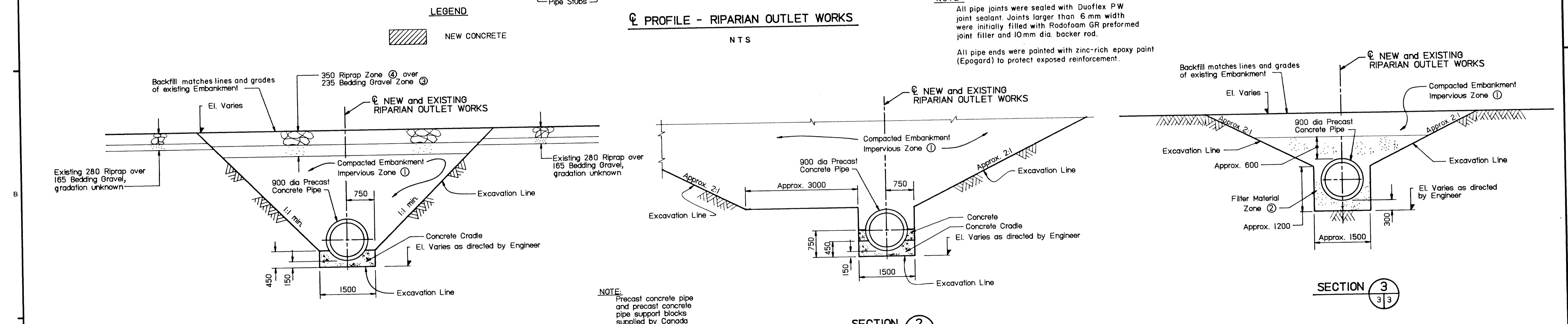
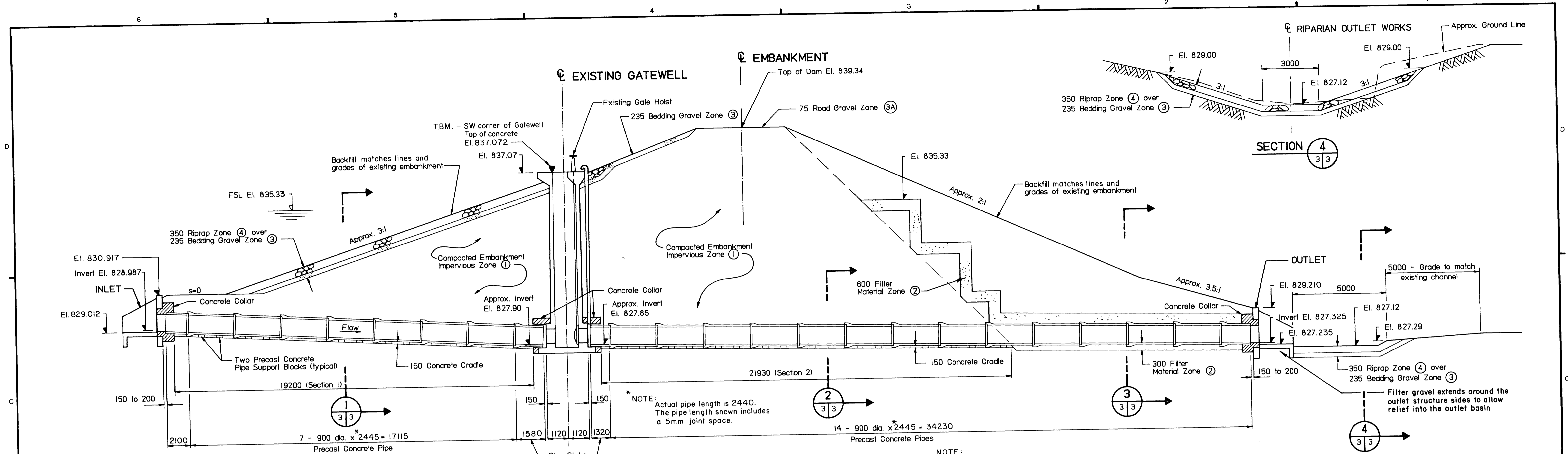
Informations supplémentaires

Les soumissionnaires doivent tenir compte des éléments ci-dessous dans la préparation de leur soumission.

1. Au barrage du lac Downie, la bouche d'aération se trouve à proximité immédiate de la vanne et ne peut être déplacée sans difficulté. Comme indiqué sur les dessins, les modifications apportées (p. ex., modifications à la bague) pour accommoder l'évent d'air ne seront pas considérées comme un supplément. Les modifications (si nécessaire) doivent être incluses dans le prix de l'offre pour les travaux.
2. Il faut noter que le trou dans le corbeau pour le treuil se trouve à proximité de la paroi du puits de la porte mur du puits de la porte. Comme indiqué sur les dessins, l'entrepreneur devrait tenter de réutiliser le trou existant si possible (la distance à laquelle la tige du portail est décalée par rapport à la paroi peut dicter le choix du fournisseur de portail à cet égard. De plus, comme indiqué dans les dessins, s'il n'est pas possible de réutiliser le trou existant dans le corbeau, l'entrepreneur est responsable du carottage d'un nouveau trou dans le corbeau.
3. En ce qui concerne les spécifications techniques, Section 03 30 01 - Cast-In-Place Concrete and Grout Infill, le passage suivant sera supprimé :

3.2.1.7 The annular space between the municipal flow and air vent pipe and the cored hole in the existing concrete shall be grouted simultaneously with the rest of the grouting works.

Natalie O'Neill
Agent principal des contrats
Régina (Saskatchewan)

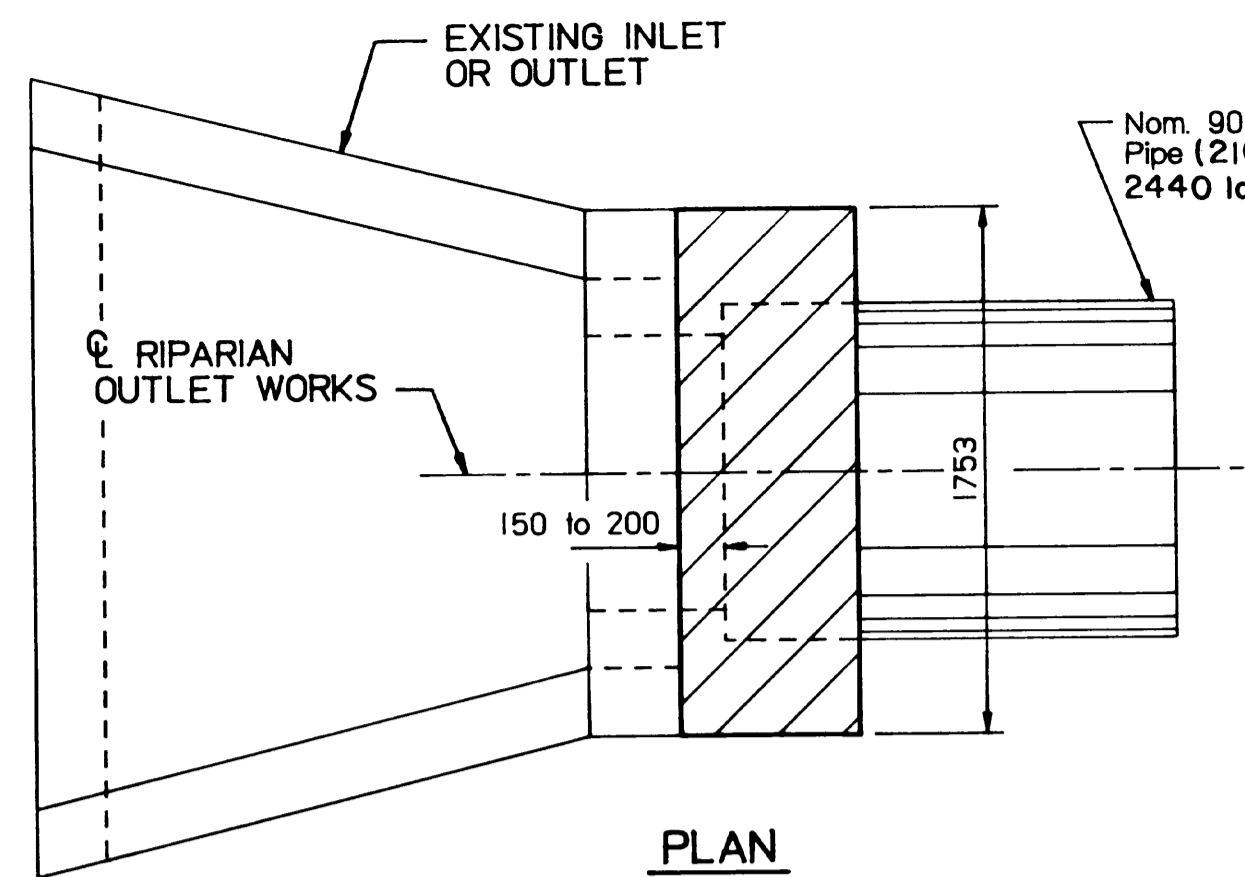


NOTE:
 Excavation to be shored or braced as necessary according to the requirements of the Workers' Compensation Board regulations.
 Where the slopes are shown as 1:1 min, the contractor shall determine the slope necessary for a stable, safe excavation based on soil conditions and Workers' Compensation Board regulations.
 Backfill around structures and pipes shall be compacted by manually guided mechanical compactors as specified.

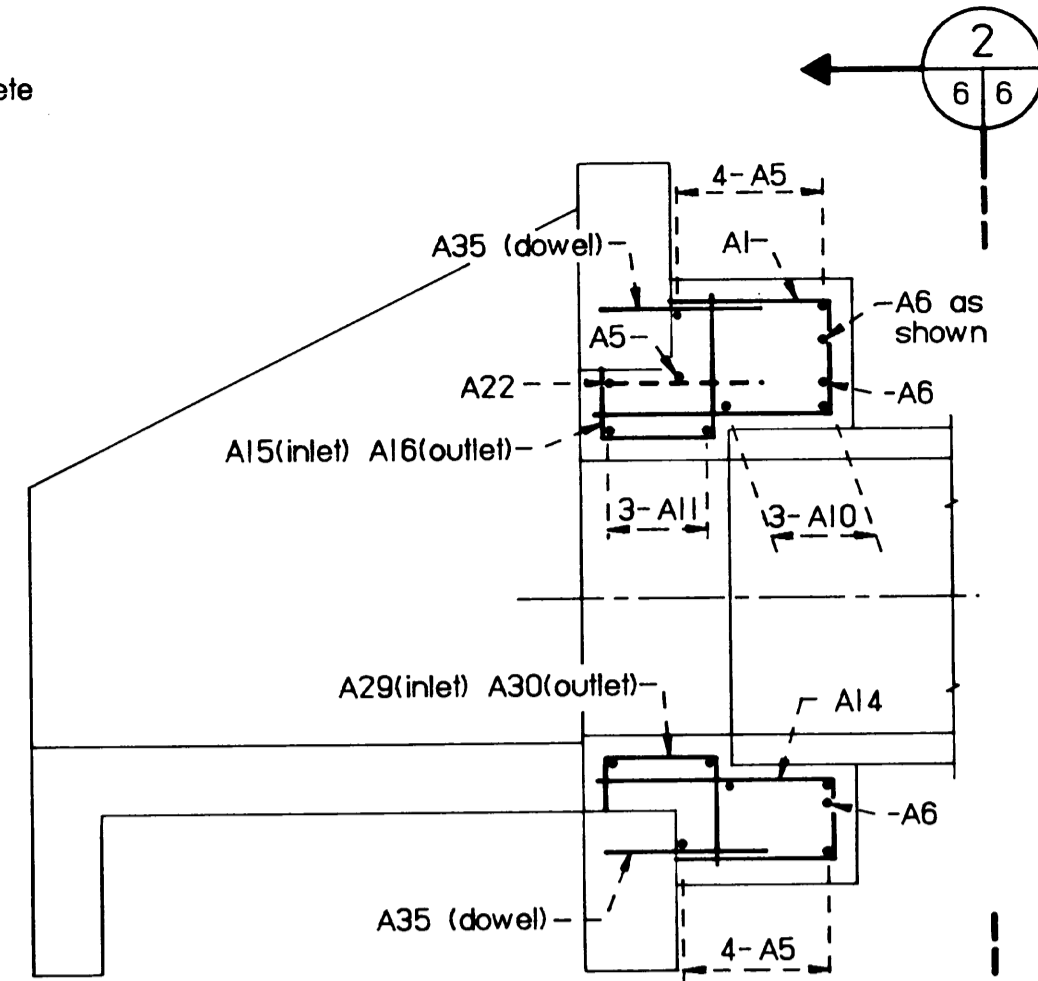
AS CONSTRUCTED

REFERENCE SYSTEM Item number, Detail, Section, etc. numbered consecutively on each sheet. Originating sheet number, sheet on which item is indicated and numbered. Sheet number on which Detail, Section, etc. is drawn.		Designed: <i>David Padgett</i> Drawn: <i>Ray A. Clark</i> Checked: <i>A. J. Greenlaw</i>		Submitted: <i>[Signature]</i> Date: <i>08/02/85</i> Approved: <i>[Signature]</i> Date: <i>08/13/85</i>		Agriculture Canada Prairie Farm Rehabilitation Administration Administration du Rétablissement agricole des Prairies Engineering Service		ADMIRAL DAM PROJECT CONTRACT 1 - RIPARIAN OUTLET CONDUIT REPLACEMENT STRUCTURE LAYOUT, EXCAVATION AND BACKFILL Scale AS SHOWN Date SEPT/88 Sheet 3 of C114082	
Mark	Grid Ref.	Nature of Revision	Date	Eng. By Whom					

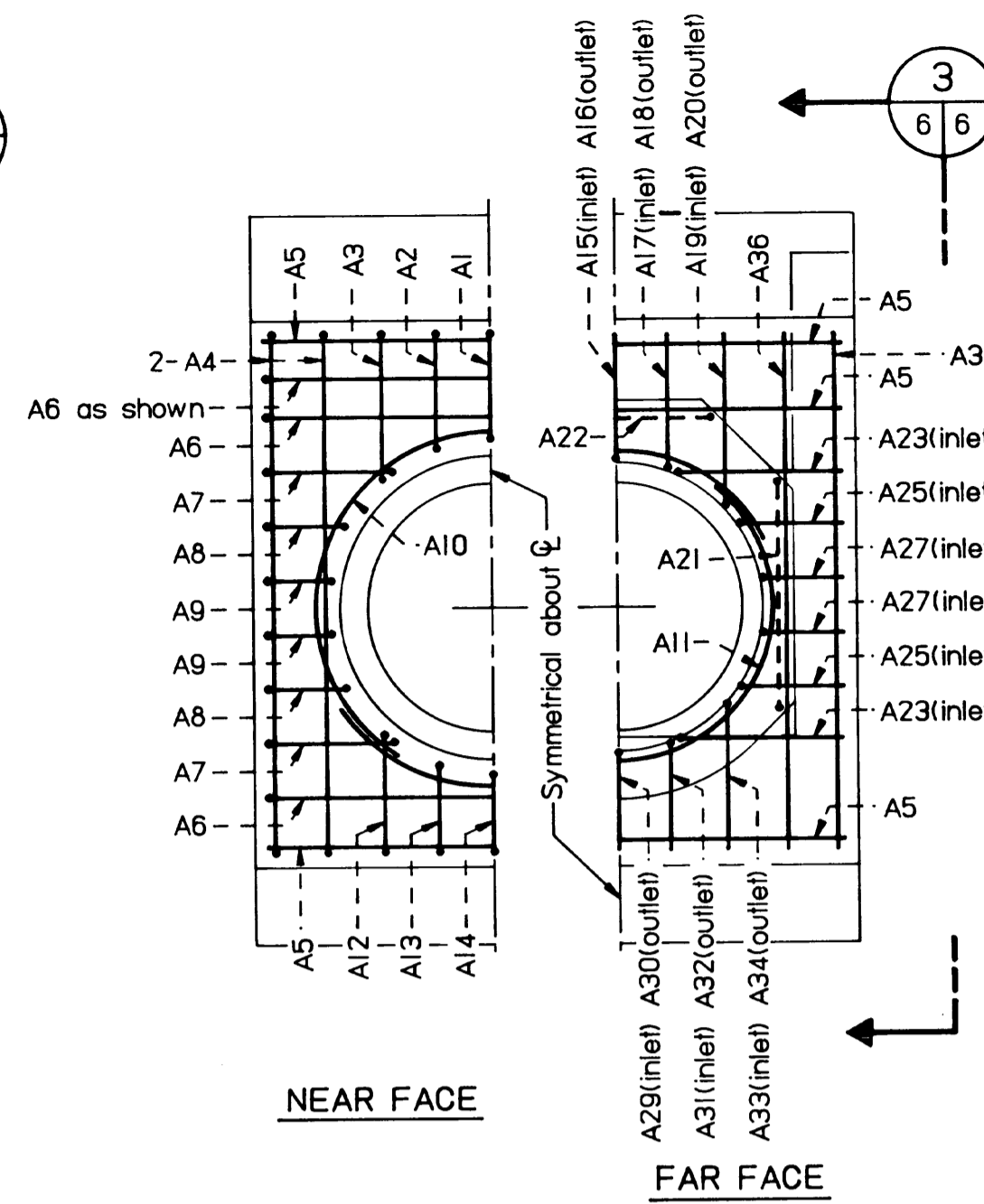
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.
 ALL STATIONING AND ELEVATIONS ARE IN METRES.



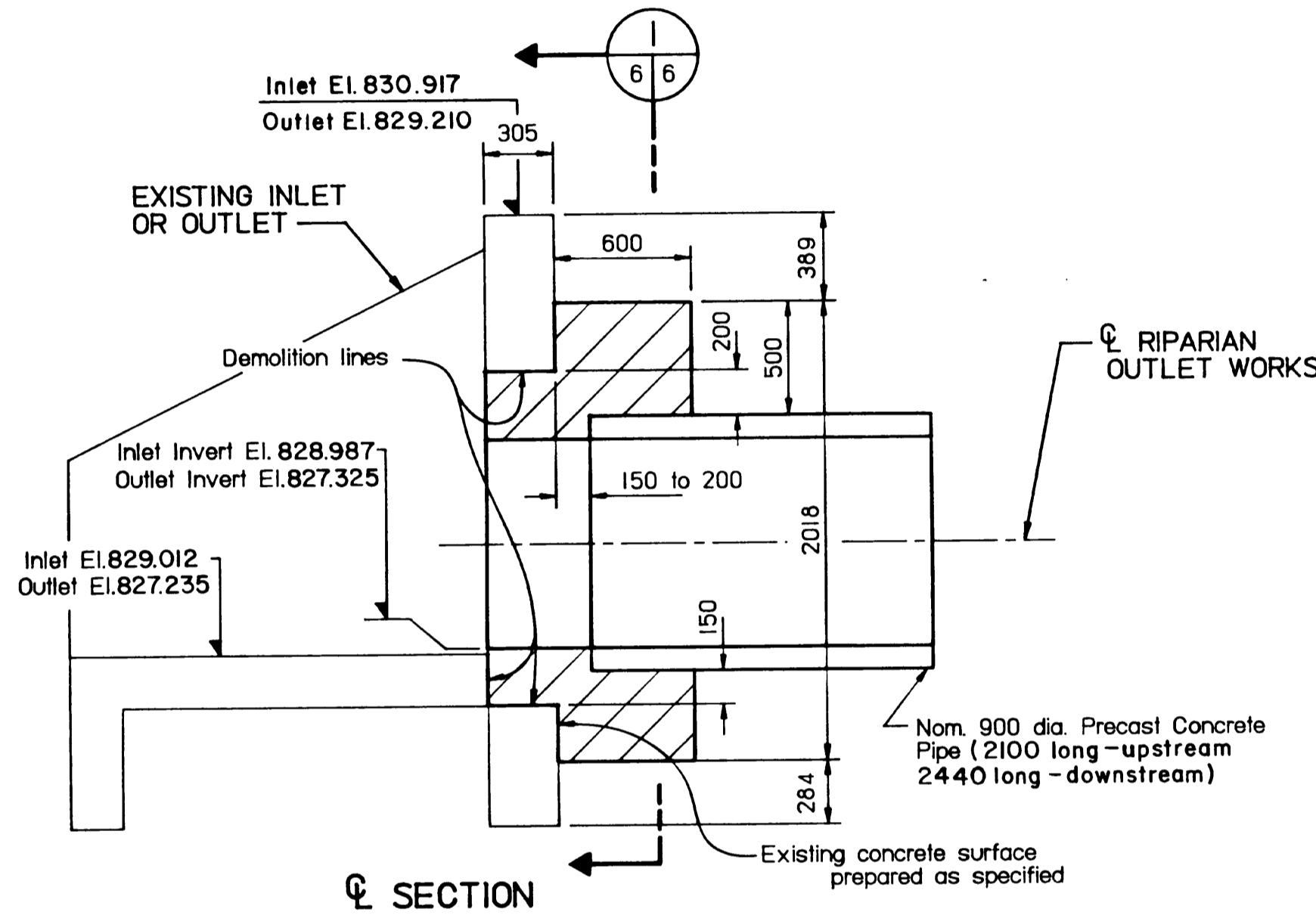
PLAN
NOTE: Inlet shown, outlet similar but opposite



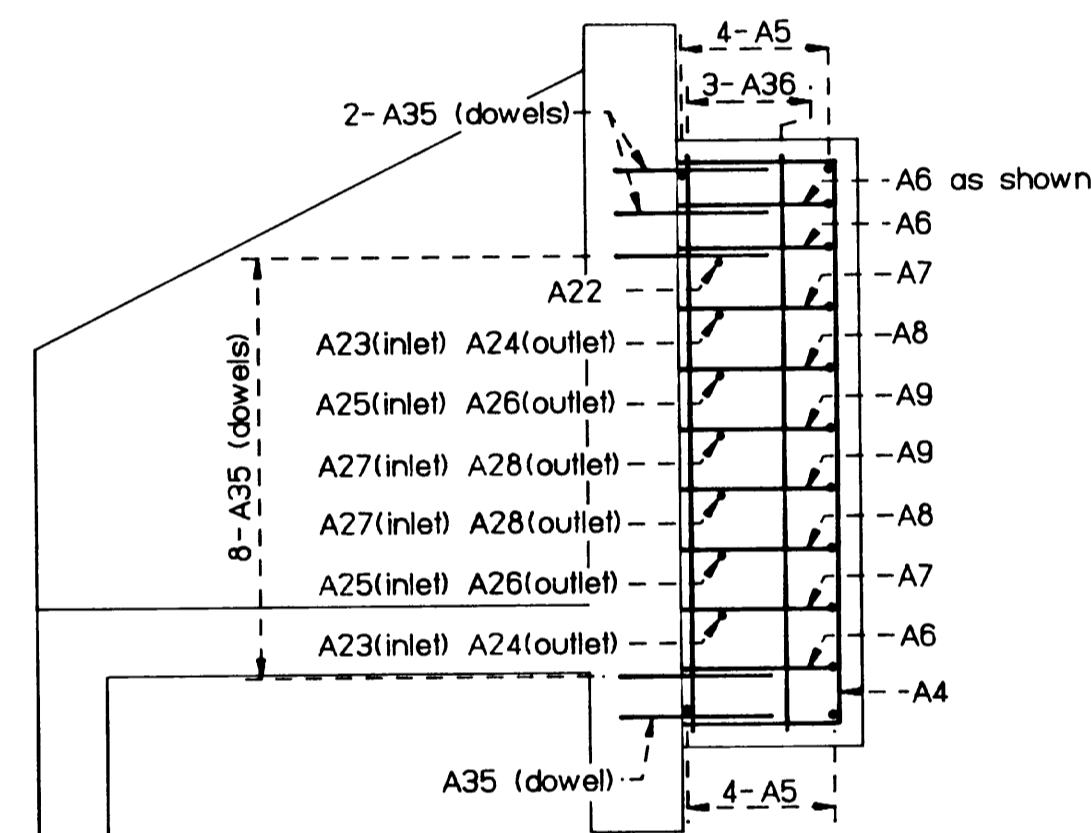
SECTION
NOTE: Existing reinforcing in area of demolition to be trimmed to clear cover requirements



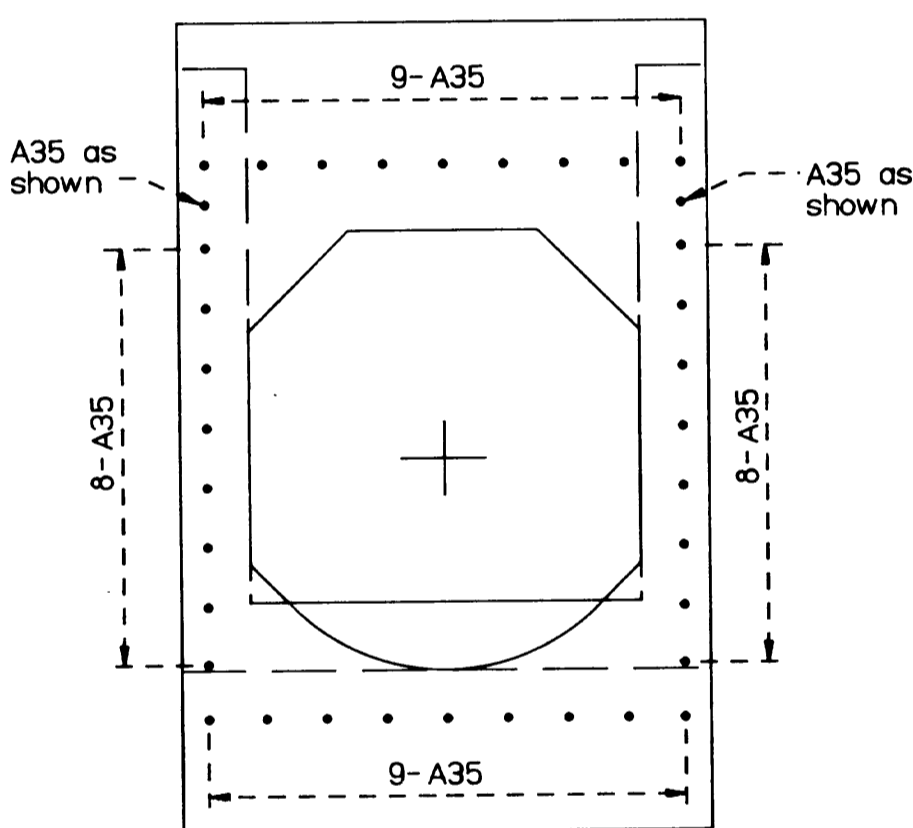
VIEW 2



SECTION



VIEW 3



NOTE: All dowels embedded 200mm

DOWEL PLACEMENT DETAIL

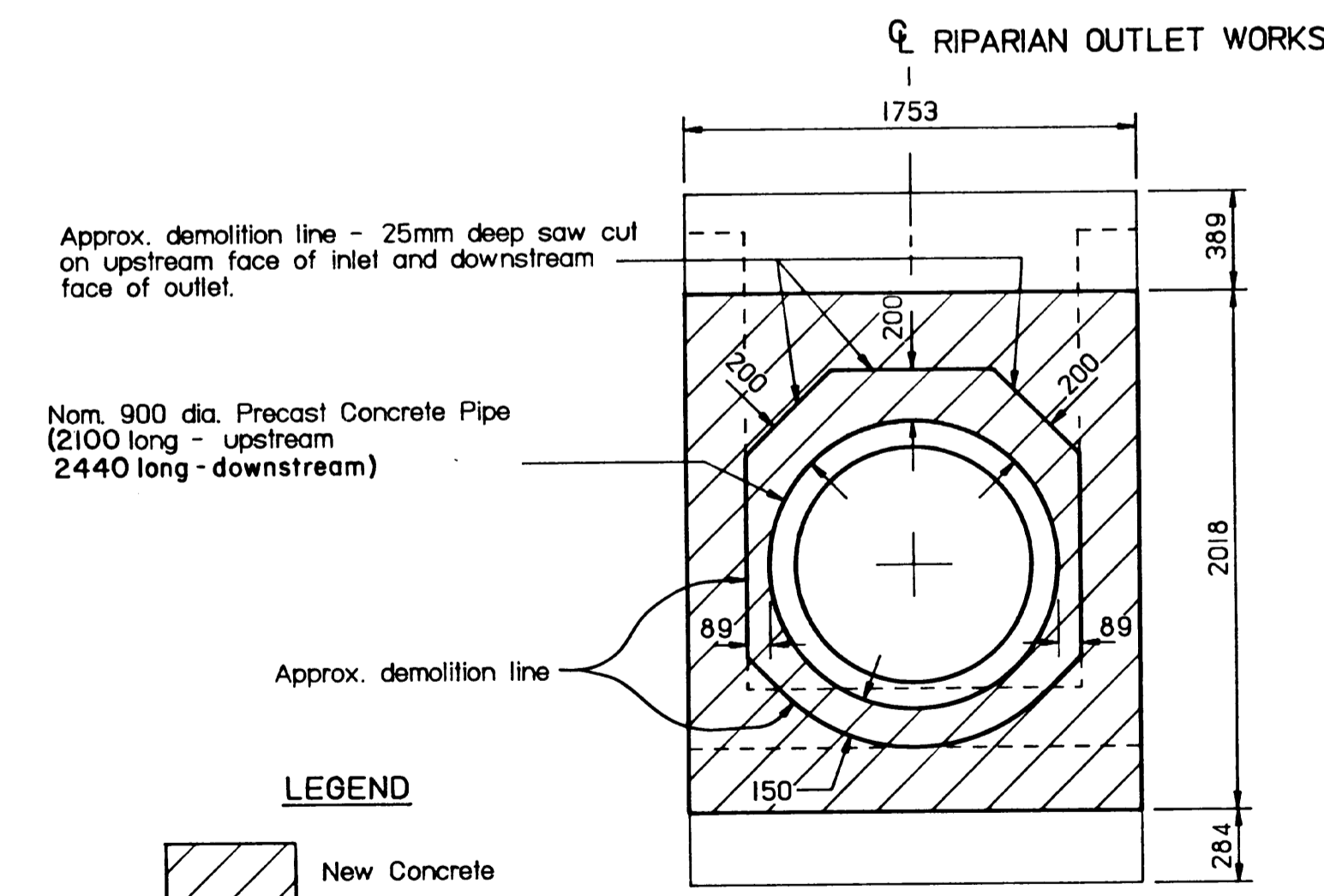
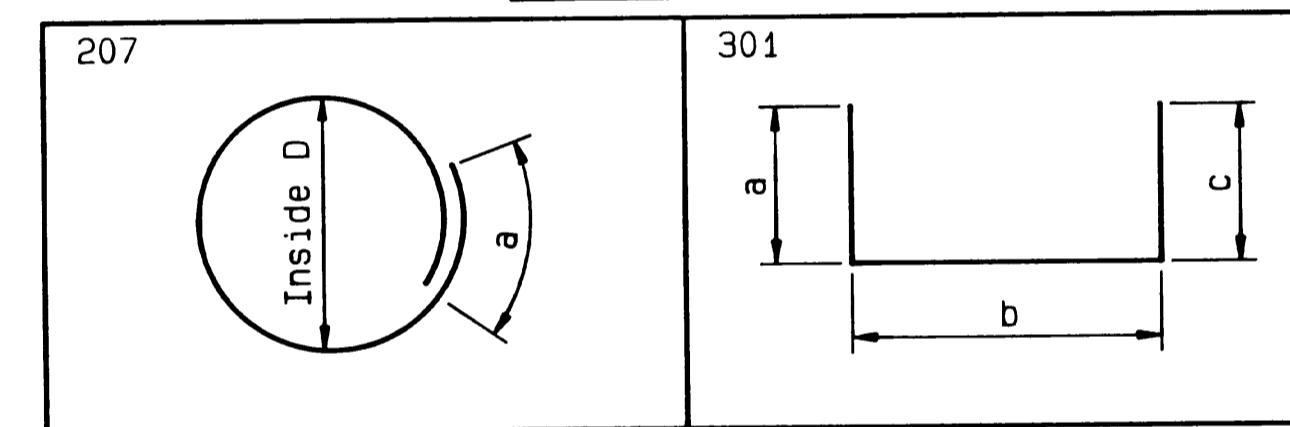
TYPICAL DOWNSTREAM FACE OF EXISTING INLET STRUCTURE AND UPSTREAM FACE OF EXISTING OUTLET STRUCTURE

REINFORCING NOTES:

- All bars are #10 unless otherwise indicated.
- Bar spacing is a nominal 200 mm o.c. unless otherwise shown.
- Clear concrete cover to reinforcing:
 - 50 mm to precast concrete pipe.
 - 75 mm in all remaining areas.
- All dimensions are out to out unless otherwise indicated.
- All bar bends to conform to the bends specified in CSA:A23.1-M77, Section 12.2, unless otherwise indicated or otherwise approved by the Engineer.
- Total bar lengths shown in the Total Length column are approximate only.

LOCATION	No	MARK	SIZE	SHAPE	Elements (mm)								Variables		BAR LENGTH (mm)	TOTAL LENGTH (m)	
					a	b	c	d	e	f	g	R or D	min	max			
INLET AND OUTLET STRUCTURES	2	A1	10	301	520	380	760									1660	3.4
	4	A2	10	301	520	400	760									1680	6.8
	4	A3	10	301	520	520	760									1800	7.2
	8	A4	10	301	520	1870	520									2910	23.3
	18	A5	10	str												1610	29.0
	6	A6	10	301	520	1610	520									2650	15.9
	8	A7	10	301	520	450	760									1730	13.9
	8	A8	10	301	520	270	760									1550	12.4
	8	A9	10	301	520	200	760									1480	11.9
	6	A10	10	207	300							1240				4240	25.5
	6	A11	10	207	300							1090				3760	22.6
	4	A12	10	301	520	430	760									1710	6.9
	4	A13	10	301	520	310	760									1590	6.4
	2	A14	10	301	520	270	760									1550	3.1
	1	A15	10	301	450	330	220									1000	1.0
	1	A16	10	301	450	380	220									1050	1.1
2	A17	10	301	480	330	260									1070	2.2	
2	A18	10	301	480	380	260									1120	2.3	
2	A19	10	301	630	330	310									1270	2.6	
2	A20	10	301	630	380	310									1320	2.7	
4	A21	10	301	500	850	500									1850	7.4	
2	A22	10	301	500	720	500									1720	3.5	
4	A23	10	301	630	330	390									1350	5.4	
4	A24	10	301	630	380	390									1400	5.6	
4	A25	10	301	360	330	200									890	3.6	
4	A26	10	301	360	380	200									940	3.8	
4	A27	10	301	280	330	120									730	3.0	
4	A28	10	301	280	380	120									780	3.2	
1	A29	10	301	340	330	170									840	.9	
1	A30	10	301	340	380	170									890	.9	
2	A31	10	301	380	330	180									890	1.8	
2	A32	10	301	380	380	180									940	1.9	
2	A33	10	301	530	330	230									1090	2.2	
2	A34	10	301	530	380	230									1140	2.3	
72	A35	10	str												510	36.8	
16	A36	10	str												1870	30.0	

BAR SHAPES



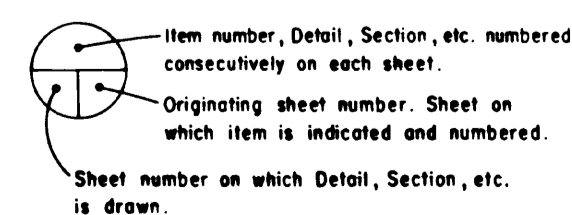
LEGEND



NOTE:
- Existing reinforcing shall be maintained in the demolition area as specified
- Structural and reinforcement details of existing inlet and outlet are shown on sheet 8

SECTION 1

REFERENCE SYSTEM



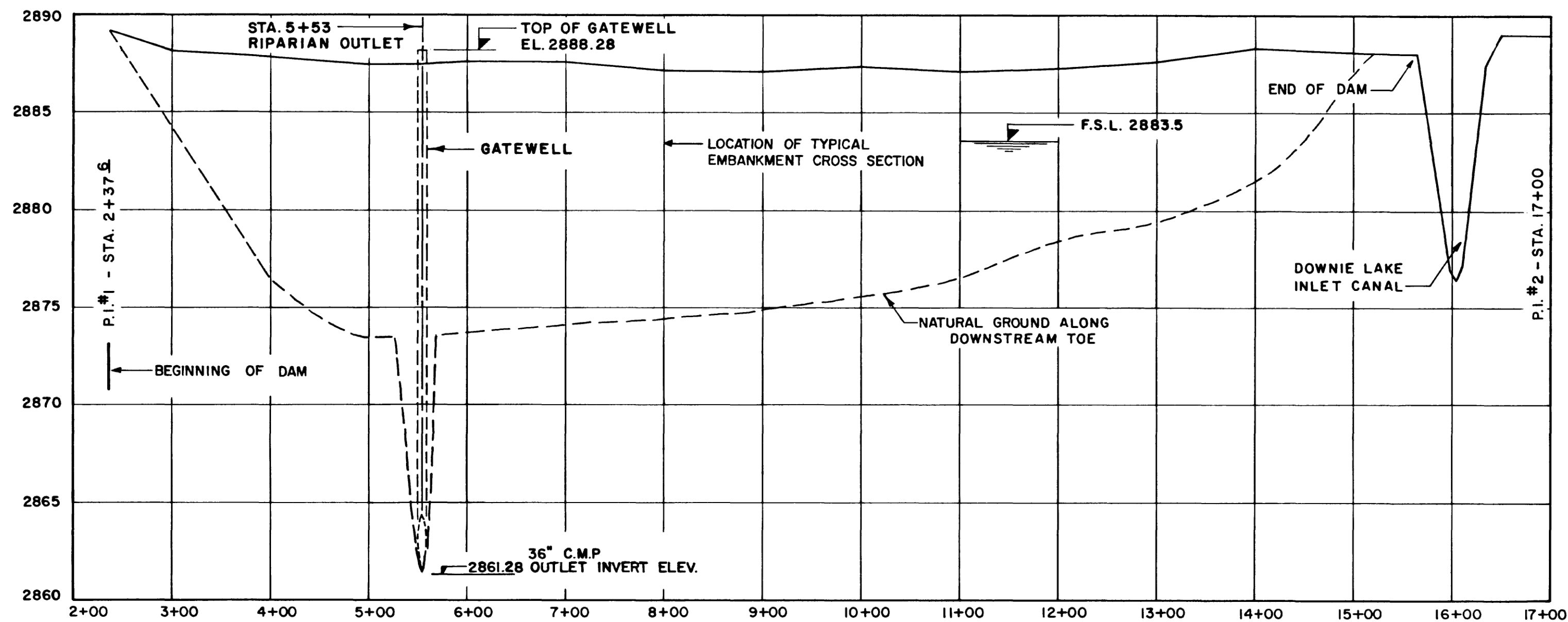
ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN. ALL STATIONING AND ELEVATIONS ARE IN METRES.

Mark	Grid Ref.	Nature of Revision	Date	Eng. By Whom

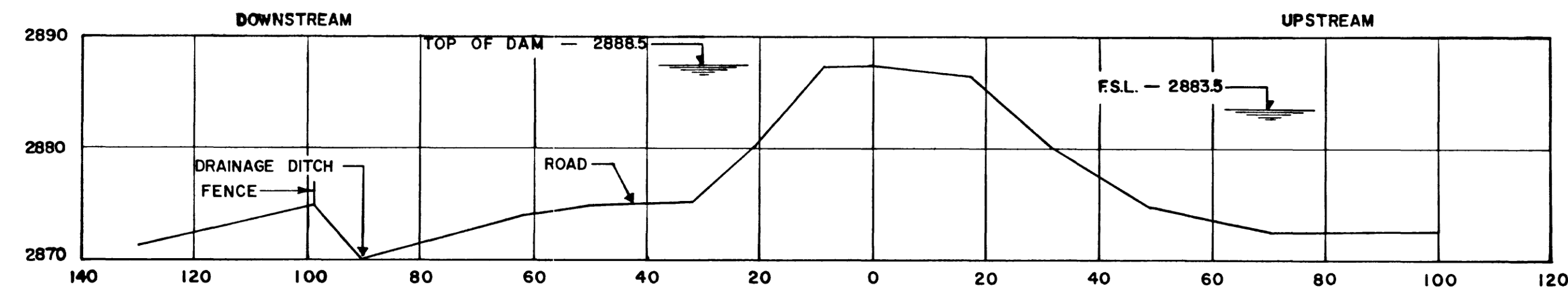
Designed <i>[Signature]</i>	Submitted <i>[Signature]</i>
Drawn <i>[Signature]</i>	Date 06/15/88
Checked <i>[Signature]</i>	Approved <i>[Signature]</i>
	Date 06/13/88

Agriculture Canada
Prairie Farm Rehabilitation Administration
Administration du Rétablissement agricole des Prairies
Engineering Service

ADMIRAL DAM PROJECT			
CONTRACT 1 - RIPARIAN OUTLET CONDUIT REPLACEMENT			
INLET AND OUTLET - PIPE COLLARS			
STRUCTURAL AND REINFORCEMENT			
Scale AS SHOWN	Date SEPT/88	Sheet 6 of	C114085

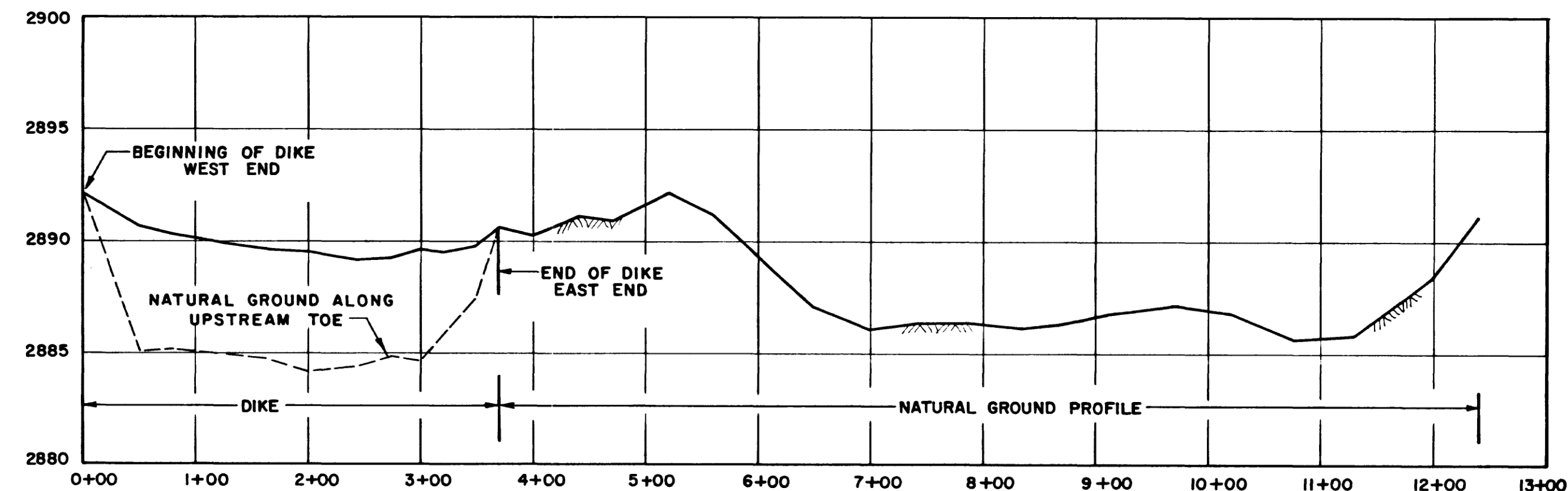


PROFILE OF DAM
SCALE: HORIZ. - 1" = 100'
VERT. - 1" = 5'



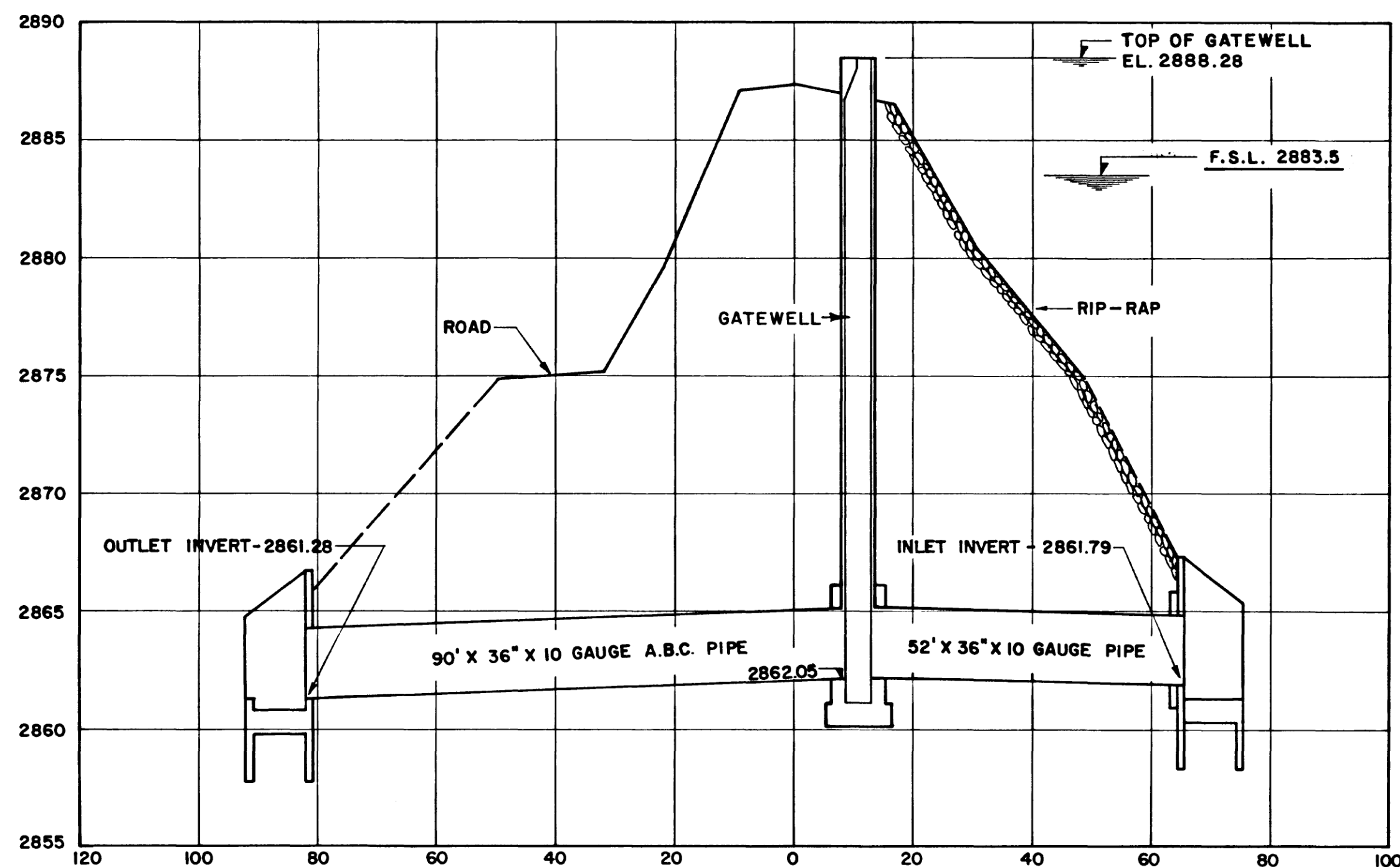
STA. 8+00-EMBANKMENT CROSS SECTION

SCALE: HORIZ. - 1" = 20'
VERT. - 1" = 10'



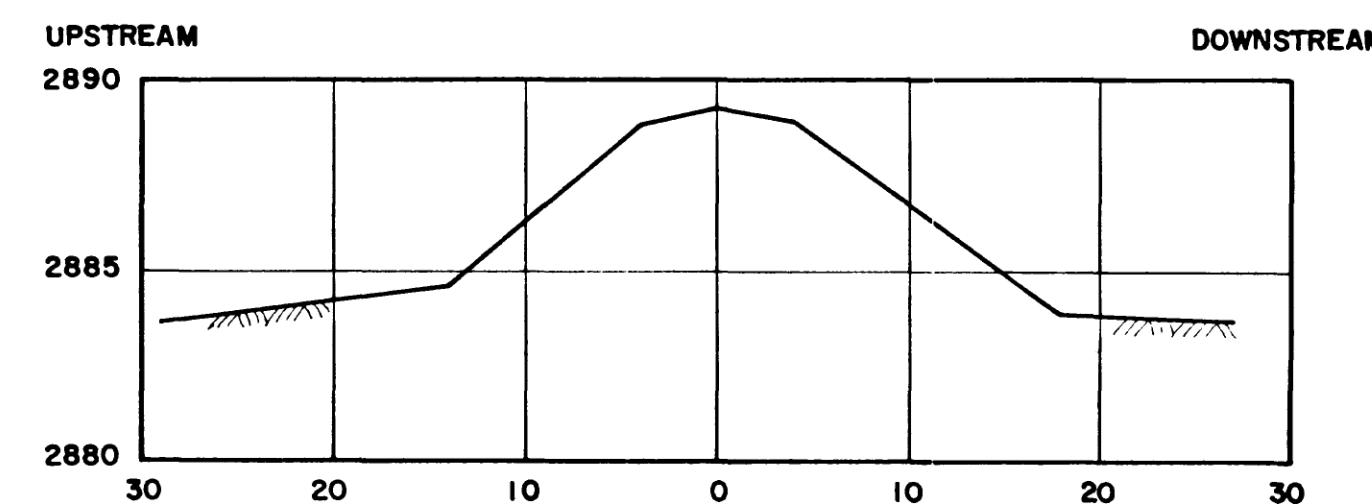
PROFILE OF DIKE IN N.W. 1/4 SEC. 12-10-28 W3

SCALE: HORIZ. - 1" = 100'
VERT. - 1" = 5'



EMBANKMENT SECTION ALONG RIPARIAN C - STA. 5+53

SCALE: HORIZ. - 1" = 20'
VERT. - 1" = 5'



TYPICAL CROSS SECTION OF DIKE

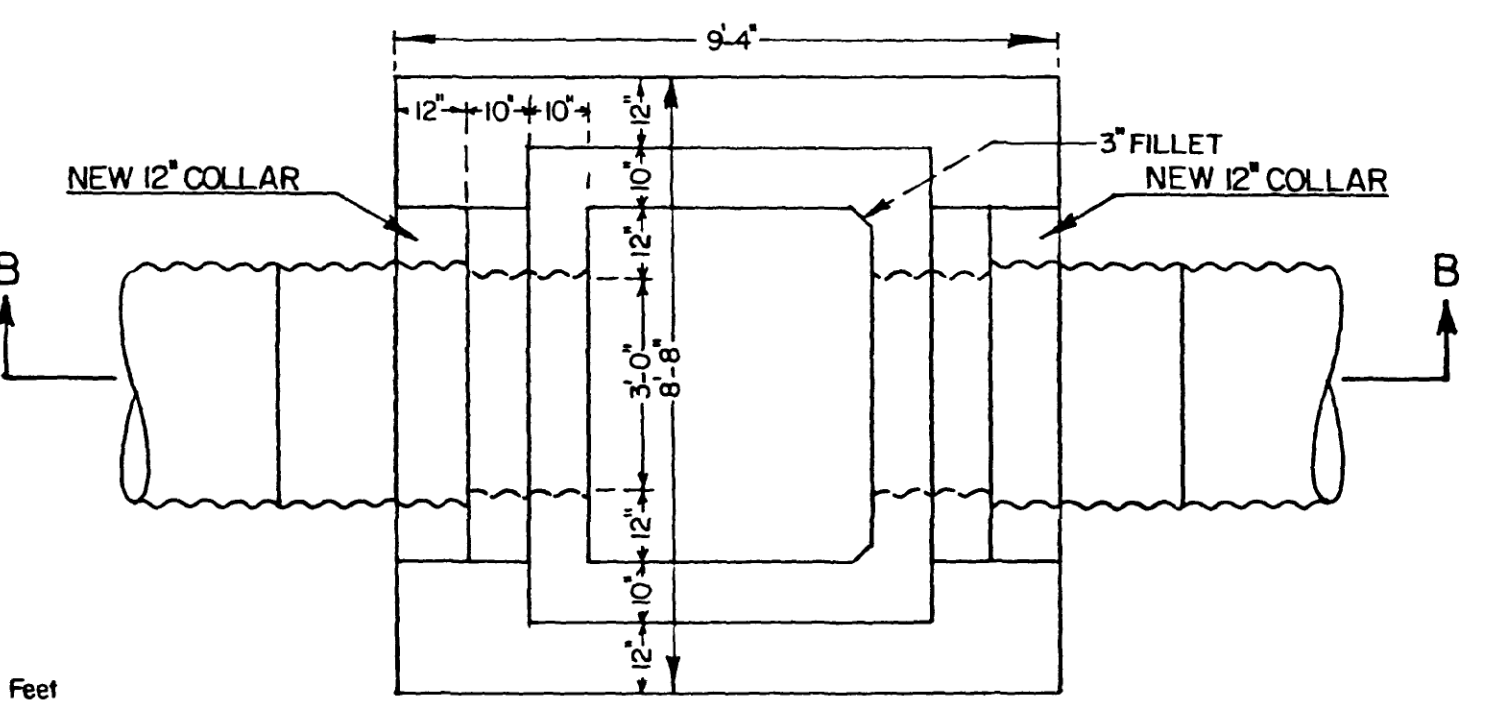
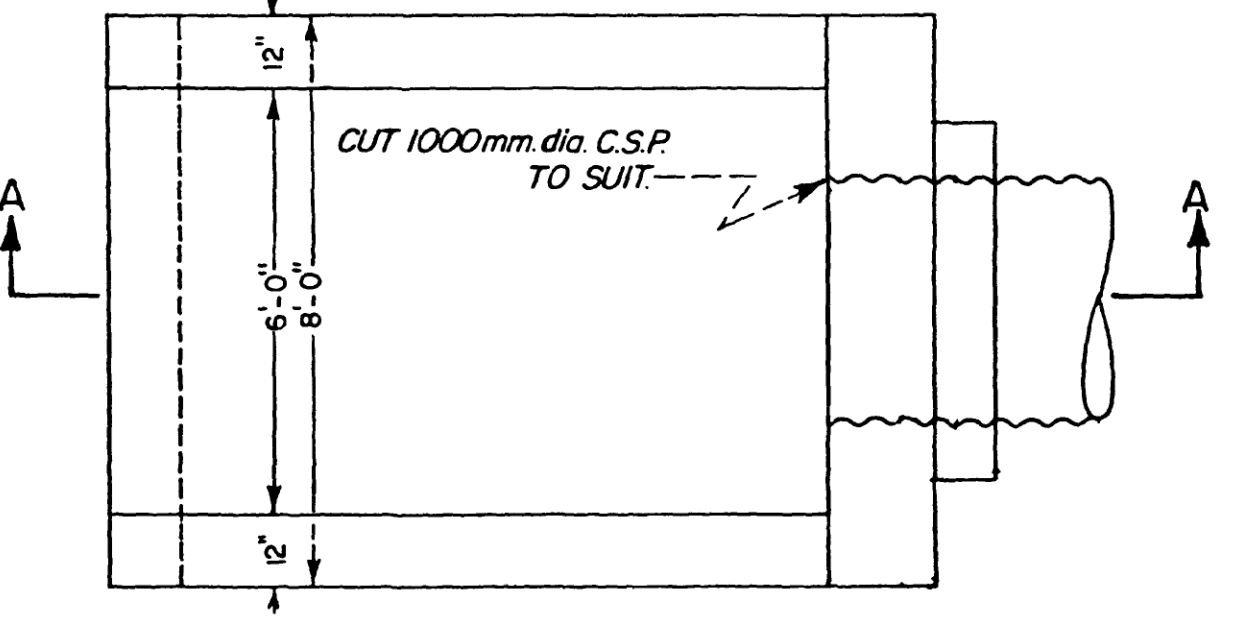
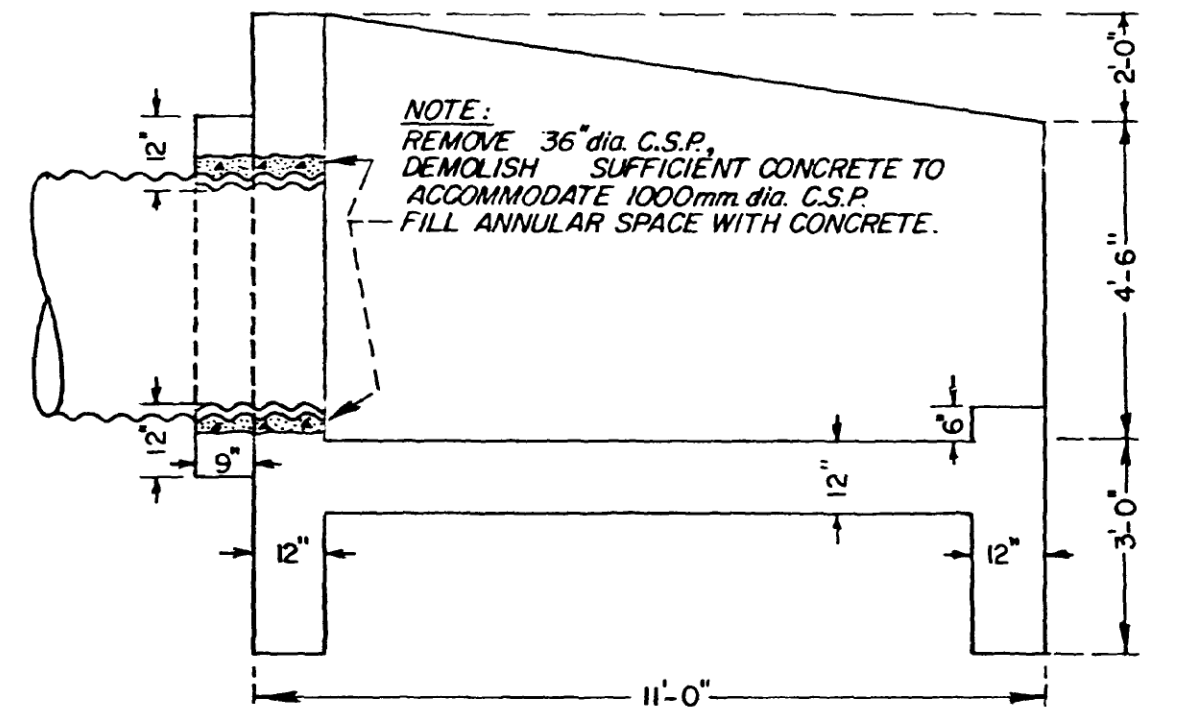
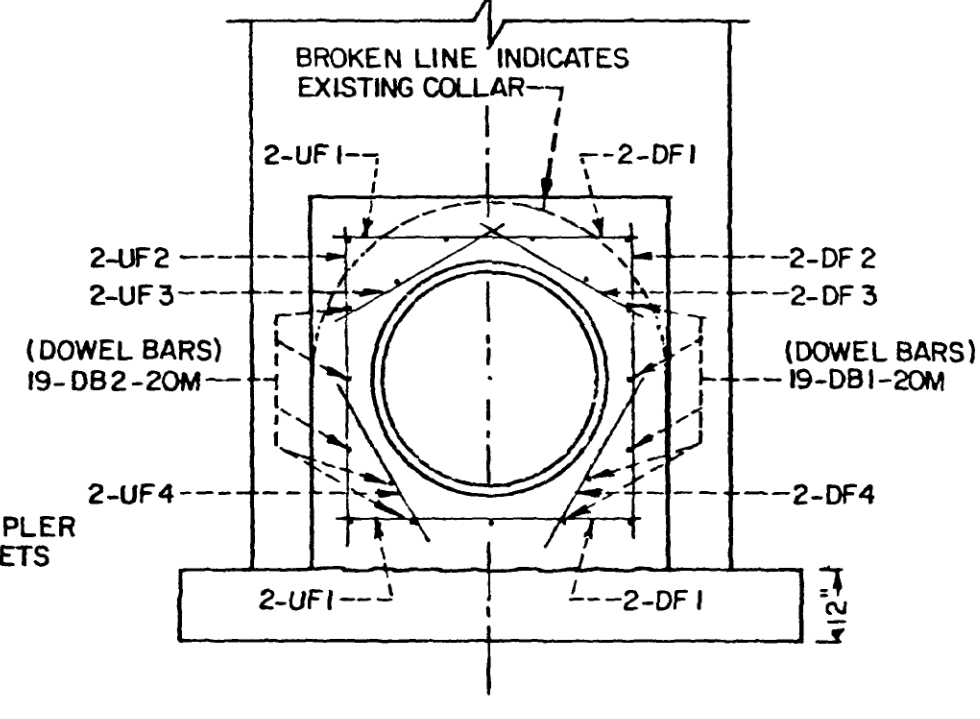
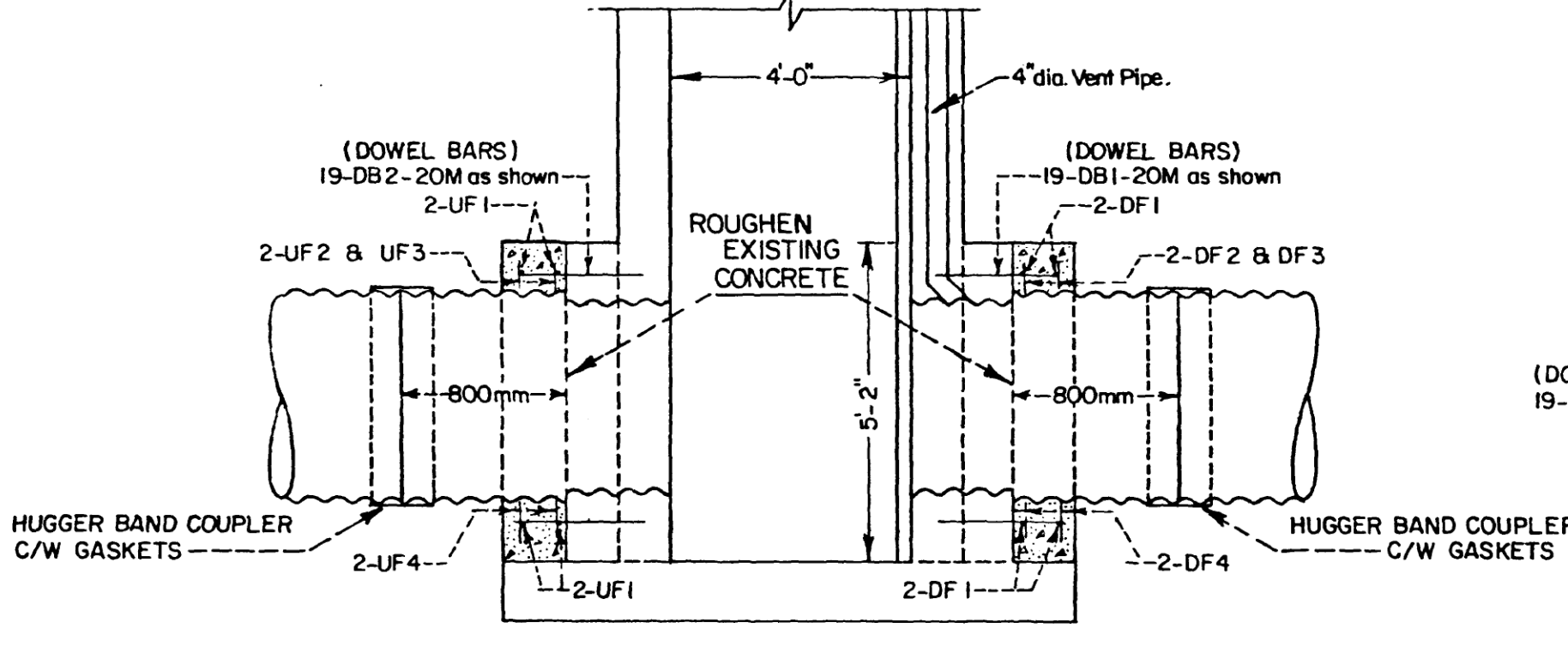
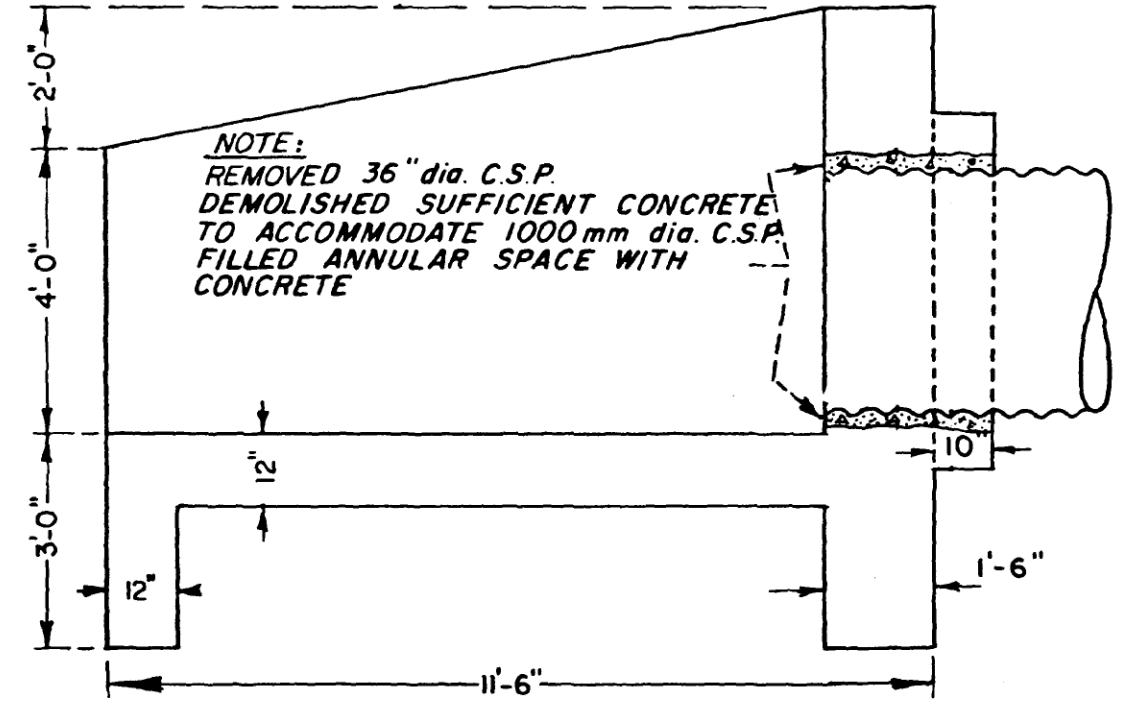
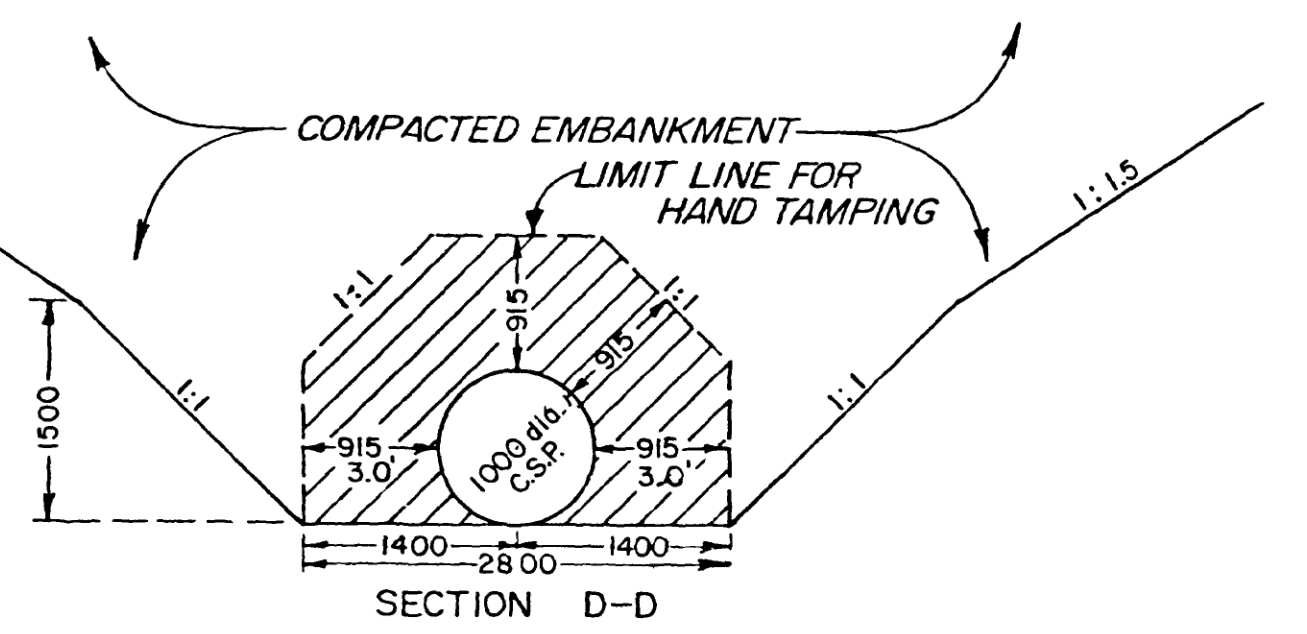
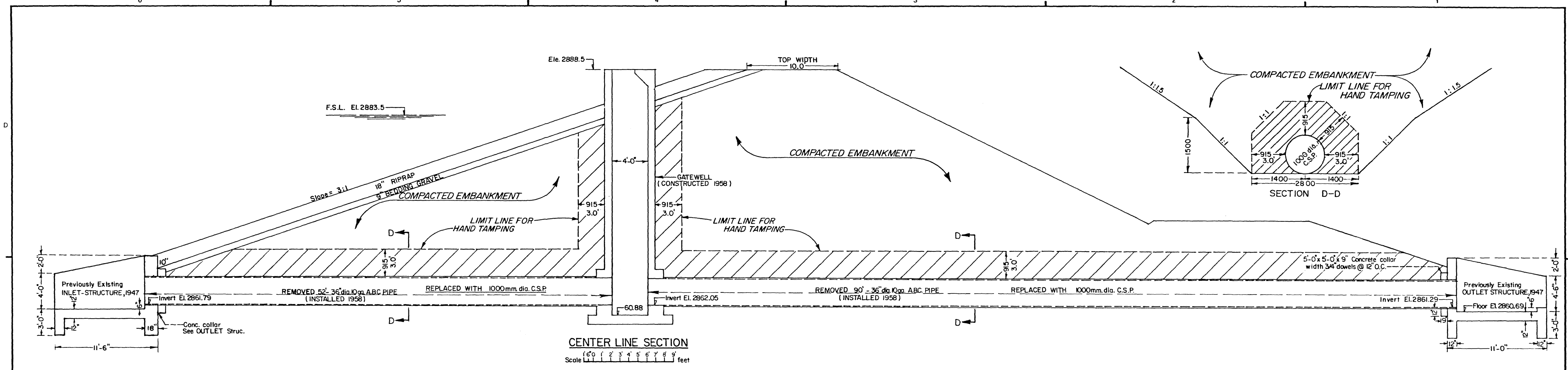
SCALE: HORIZ. - 1" = 10'
VERT. - 1" = 5'

- NOTES:**
- SURVEYED BY J.G. SMITH
 - DATE OF SURVEY - MAY, JUNE & AUG. 1971.
 - FIELD BOOKS - 11-2-1, 11-2-2 & 11-2-3.
 - ALL ELEVATIONS SHOWN ARE TO GEODETIC DATUM, DERIVED FROM P.F.R.A. B.M. No. 2000, EL. 2888.62, LOCATED 780' SOUTH AND 135' EAST OF THE N.E. 1/4 SEC. 35-9-28 W3, RELATED TO GEODETIC B.M. No. 817C, EL. 2509.37, LOCATED IN WAR MEMORIAL PLOT IN MAPLE CREEK, AND GEODETIC B.M. No. 147C, EL. 2506.38, LOCATED ALONG C.P.R. LINE 3-1/2 MILES WEST OF MAPLE CREEK STATION.
 - REFER TO DRAWING NO. 91865 FOR RESERVOIR TOPOGRAPHY, FLOODED AREA AND CAPACITY CURVE AND REFERENCED SEDIMENTATION CROSS SECTION LOCATIONS.
 - REFER TO DRAWING NO. 91867 FOR REFERENCED SEDIMENTATION CROSS SECTIONS
 - REFER TO DRAWING NO. C9482 FOR THE GENERAL AND DETAIL PLAN OUTLET CONTROL.
 - REFER TO DRAWING NOS. C27366, C45226, AND C96119 FOR INLET CONTROL STRUCTURE DETAILS.
 - REFER TO DRAWING No. RW202, REG'D PLAN No. CR4452, FOR RIGHT-OF-WAY DETAILS.

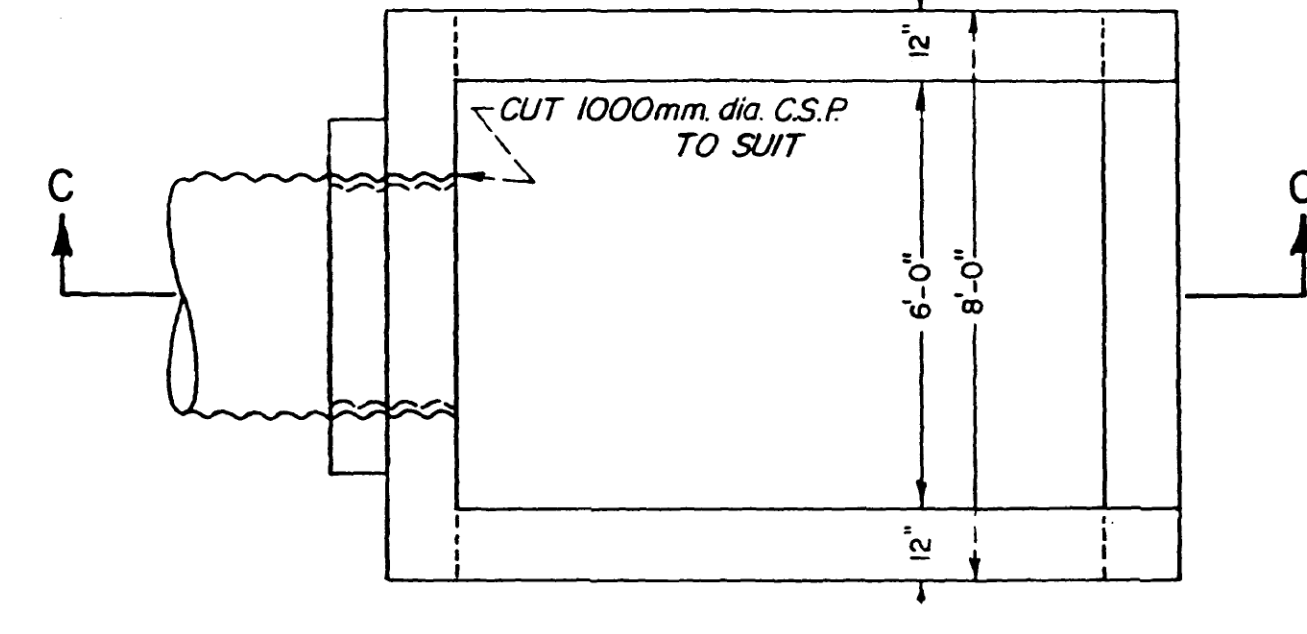
THE DETAILS SHOWN ON THIS DRAWING REPRESENT EXISTING CONDITIONS AS OF THE DATE OF SURVEY - MAY, JUNE AND AUGUST 1971.

SIGNATURE: *[Signature]* DATE: MAR. 3/83

				DESIGNED	CANADA DEPARTMENT OF REGIONAL ECONOMIC EXPANSION P. F. R. A. ENGINEERING SERVICE		DOWNIE LAKE - MAPLE CREEK IRRIGATION PROJECT	
				DRAWN J.A.K.			C PROFILES AND CROSS SECTIONS OF DAM AND DIKE	
				TRACED			SCALE AS SHOWN	
				CHECKED A.J.F.	APPROVED <i>[Signature]</i> DATE: March 2/83		DATE DEC. 1971	
MARK	GRID REF.	NATURE OF REVISION	DATE	ENS. BY WHOM	CHIEF ENGINEER		SHEET 3 OF 5	
							91866	



STEEL SCHEDULE						
Location	Mark	Nº	Shape	Size	Length	Total Length
UPSTREAM FACE GATEWELL	DB 2	19	STR.	20M	560	10 640
	UF 1	4	STR.	15M	1350	5 400
	UF 2	4	STR.	15M	1400	5 600
	UF 3	4	STR.	15M	850	3 400
DOWNSTREAM FACE GATEWELL	DB 1	19	STR.	20M	560	10 640
	DF 1	4	STR.	15M	1350	5 400
	DF 2	4	STR.	15M	1400	5 600
	DF 3	4	STR.	15M	850	3 400
DF 4	4	STR.	15M	865	3 460	
STEEL SUMMARY						
DESCRIPTION	LENGTH	WEIGHT (KG)				
15M BARS	35 720	56.1				
20M BARS	21 280	50.1				
TOTAL WEIGHT		106.2				



Scale 1" = 1' Feet

DESIGNED					SUBMITTED		Agriculture Canada		DOWNIE LAKE STORAGE PROJECT					
DRAWN					DATE		Prairie Farm Administration		DOWNIE LAKE DAM.					
CHECKED					APPROVED		Administration du Rétablissement agricole des Prairies		IRRIGATION OUTLET CONDUIT REPLACEMENT.					
MARK					DATE		SOIL AND WATER CONSERVATION		DETAILS & REINFORCING.					
NATURE OF REVISION					DATE		SCALE as shown		DATE FEB, 1988		SHEET 3 OF 4		C113984	