

PITT MEADOWS No.1 DYKE

No. 1 Dyke

ALOUETTE DYKING DISTRICT

PITT MEADOWS No.1 DYKING DISTRICT

TRETHEWEY EDGE DYKING DISTRICT

PITT MEADOWS DISTRICT MUNICIPALITY

PITT MEADOWS DYKE

"West Dyke"

"East Dyke"

MAPLE RIDGE DISTRICT MUNICIPALITY

Neaves Rd.

208th St.

132nd Ave.

210th St.

216th St.

216th St.

Cedar Way

Park Lane

220th St.

136th Ave.

224th St.

LEGEND:

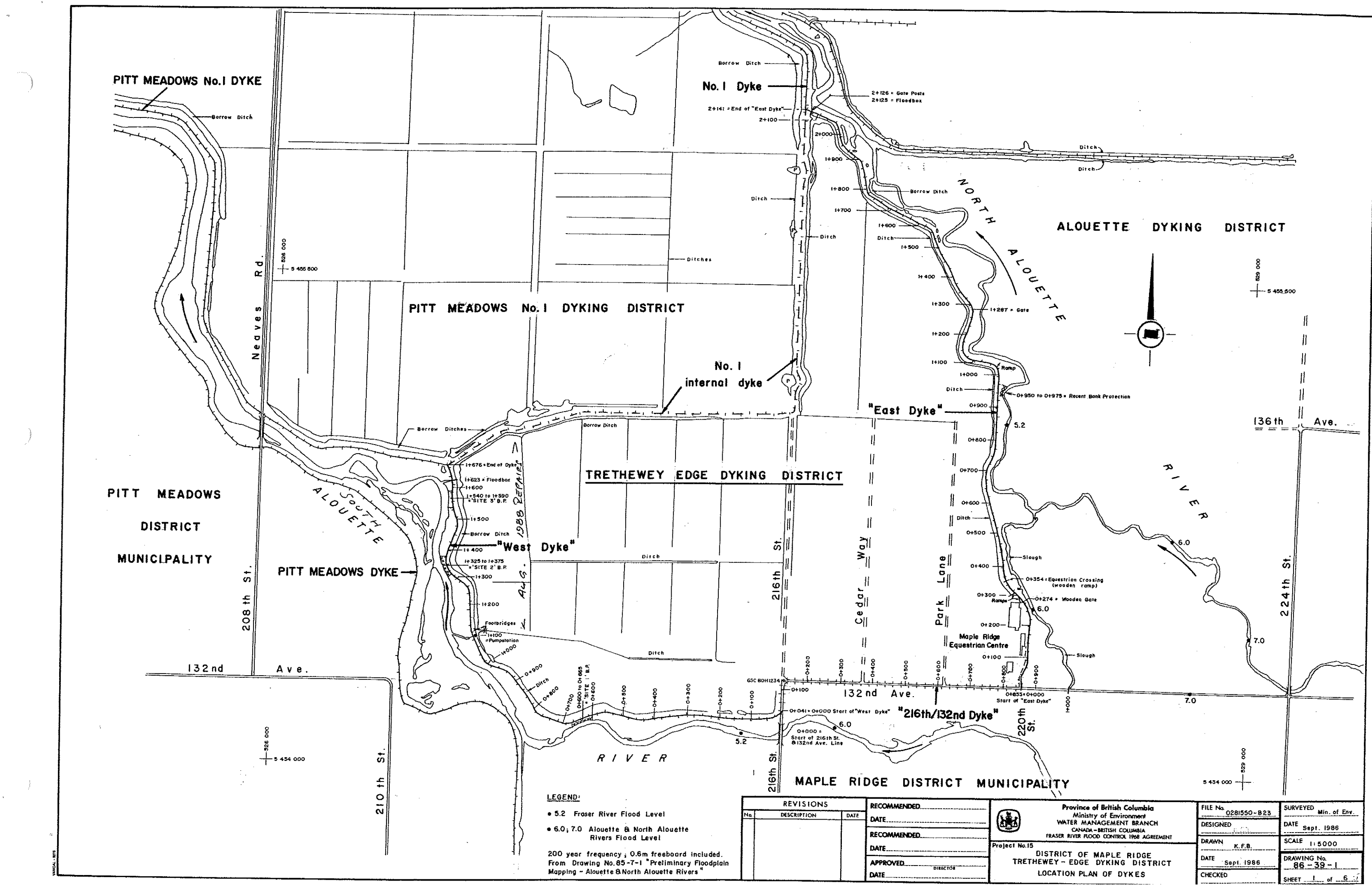
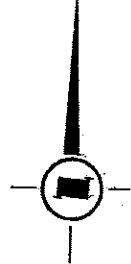
- 5.2 Fraser River Flood Level
 - 6.0; 7.0 Alouette & North Alouette Rivers Flood Level
- 200 year frequency; 0.6m freeboard included.
From Drawing No. 85-7-1 "Preliminary Floodplain Mapping - Alouette & North Alouette Rivers"

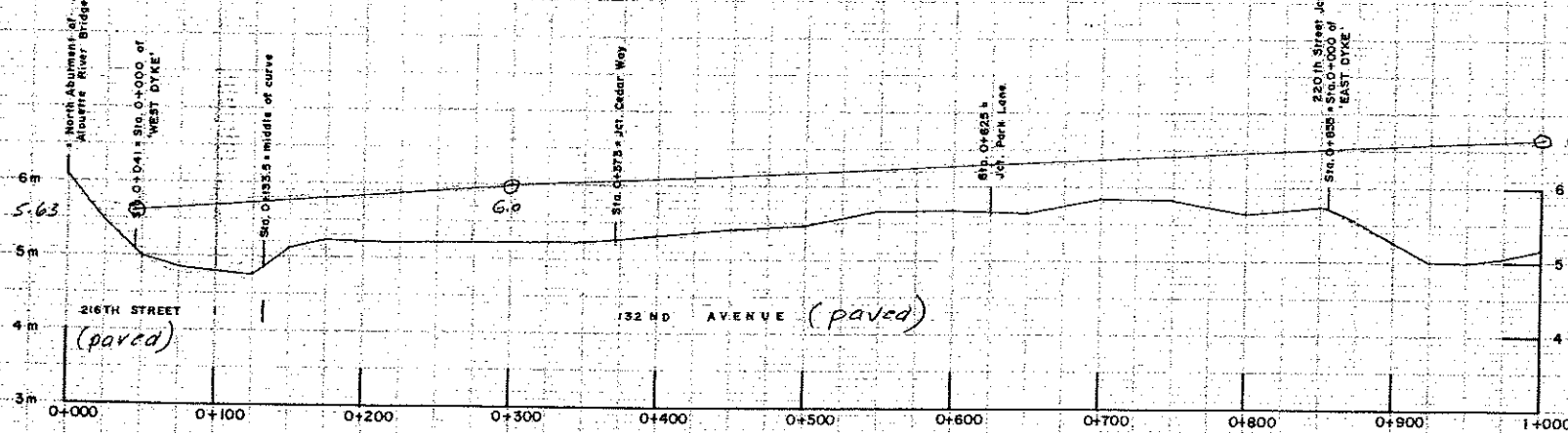
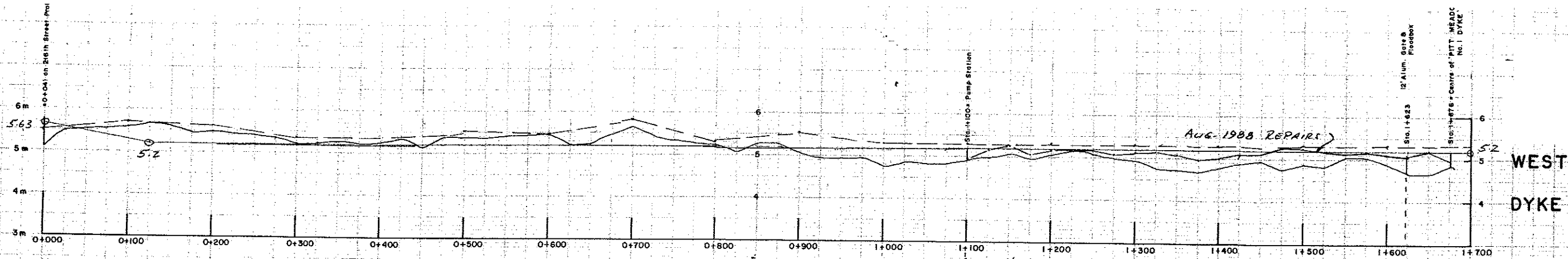
REVISIONS		
No.	DESCRIPTION	DATE

Province of British Columbia
Ministry of Environment
WATER MANAGEMENT BRANCH
CANADA-BRITISH COLUMBIA
FRASER RIVER FLOOD CONTROL 1968 AGREEMENT

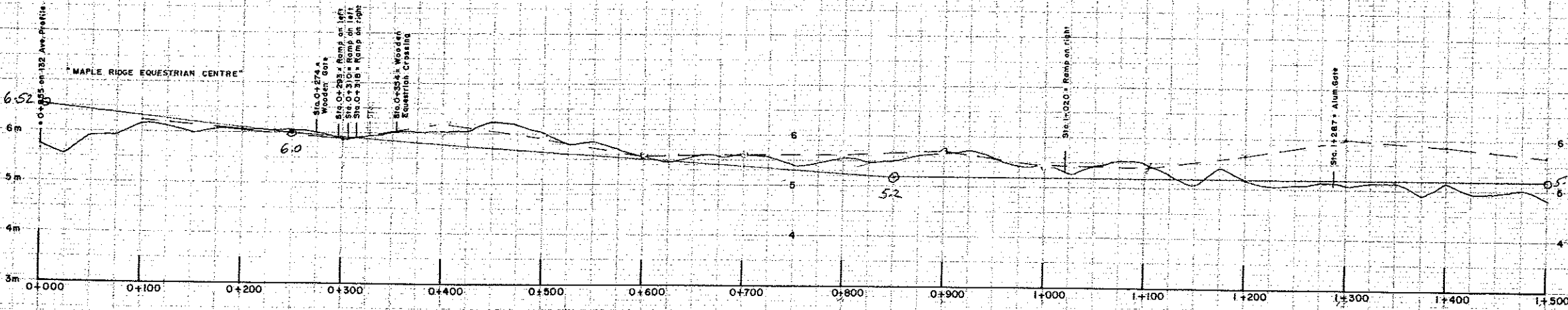
Project No. 15
**DISTRICT OF MAPLE RIDGE
TRETWEY-EDGE DYKING DISTRICT
LOCATION PLAN OF DYKES**

FILE No. 0281550-B23	SURVEYED Min. of Env.
DESIGNED	DATE Sept. 1986
DRAWN K.F.B.	SCALE 1:5000
DATE Sept. 1986	DRAWING No. 86-39-1
CHECKED	SHEET 1 of 6

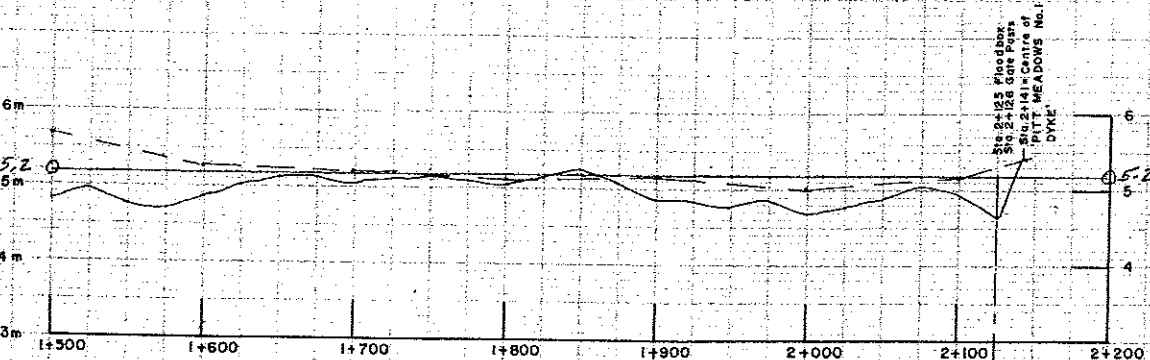




Steel
 600mm (metal) pipe x 25.04m
 Invert 1.88m (flappate)
 1.84m
 FPAF 99-02-109:
 Replaced pipe headwall & flappate
 Cap dike crest to 5.4m
 Sta. 0+000 to 1+000
 FPAF 99-07-109:
 750mm x 32.1 CMP
 270mm metal pipe length 22.5m
 River invert -0.43m (flappate)
 Ditch invert -0.26m (flappate)



UMFW 99-02-33:
 April 1999
 Dike crest capped to 5.3m + above
 Sta. 0+300 to 1+000



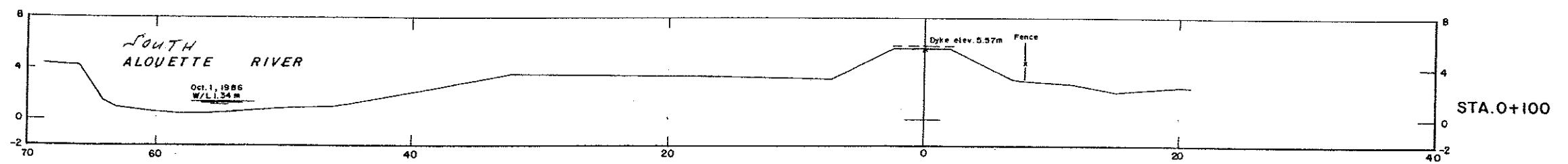
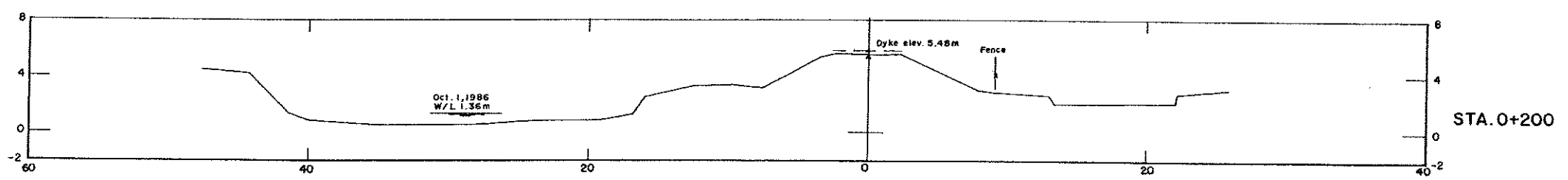
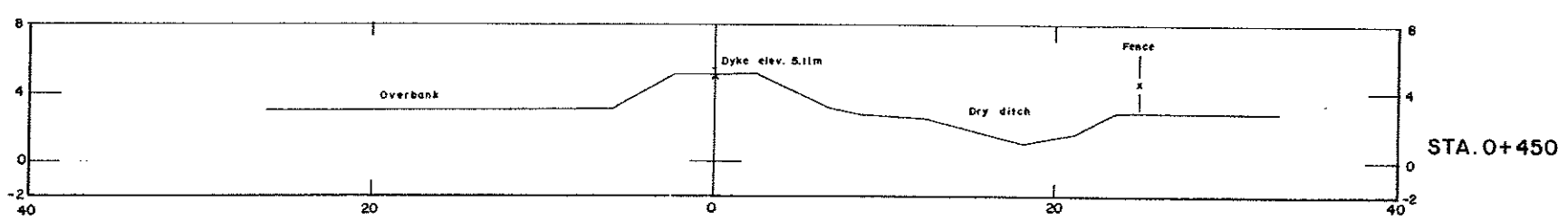
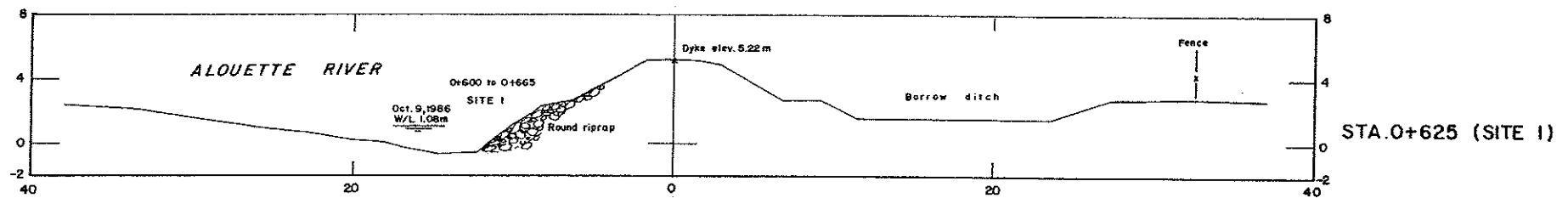
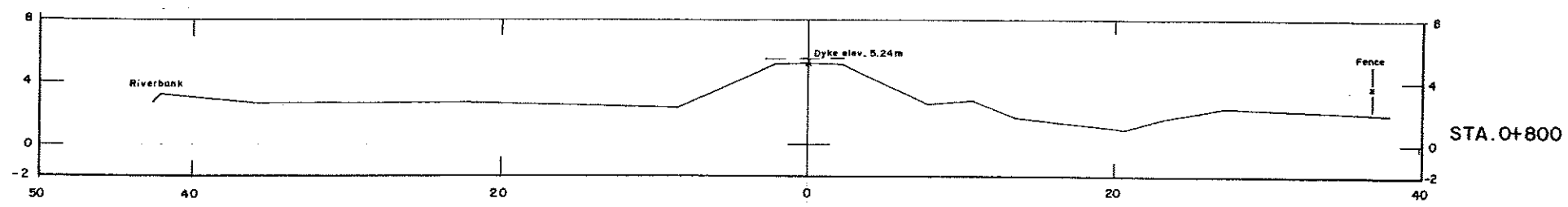
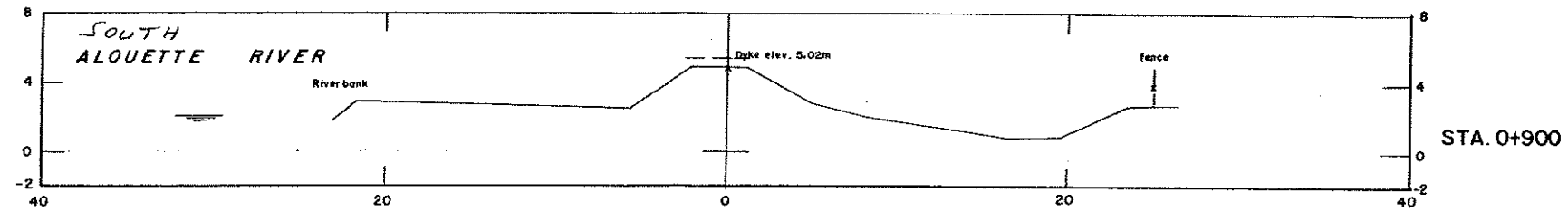
FPAF 98-02-33:
 Feb/March 1999:
 Dike crest capped to 5.4m -
 Sta. 1+000 to Sta. 2+150

FPAF 98-02-33
 750mm CMP
 770mm metal pipe length 17.7m
 River invert -0.40m (flappate) -0.10m
 Ditch invert -0.47m -0.03m

DISTRICT OF MAPLE RIDGE
 TRETHERWEY - EDGE DYKING DISTRICT
 DYKE PROFILES
 FILE: 0281550-B23 SURVEYED: SEPT. 1988 BY: MIN. OF ENV.
 SCALE: 1:2,500 HOR. / 1:150 VERT. GEODETIC DATUM
 DRAWING No. 86-39-2 SHEET 2 OF 6

As-built data added March 2003
 by Karl F. Bernemann, C. Tech.

Bench Mark: GSC 180.H1234 Brass plug at Intersection 216 St. & 132 Ave.
 Elevation 4.905m
 @ 1:200 Flood level from Flood plain map 85-7-1
 incl. 0.6m free board
 --- Final as-built profile

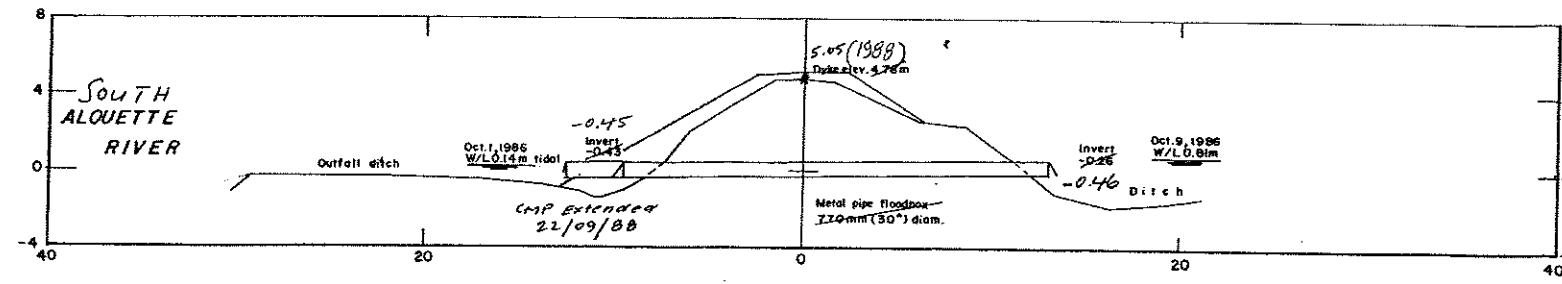


REVISIONS			RECOMMENDED
No.	DESCRIPTION	DATE	DATE
1	As-built created	03/2003	
2	added.		
			RECOMMENDED
			DATE
			APPROVED
			DATE

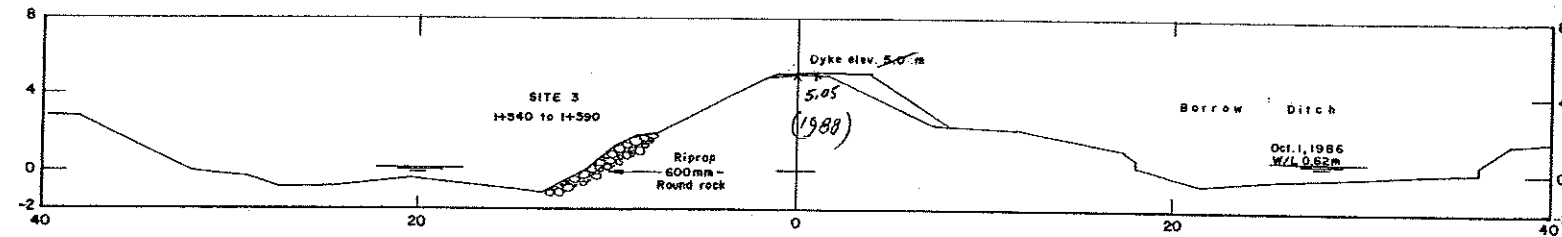
Province of British Columbia
 Ministry of Environment
 WATER MANAGEMENT BRANCH
 CANADA-BRITISH COLUMBIA
 FRASER RIVER FLOOD CONTROL 1968 AGREEMENT

Project No. 15
 DISTRICT OF MAPLE RIDGE
 TRETHERWEY - EDGE DYKING DISTRICT
 TYPICAL CROSS-SECTIONS #1 - WEST DYKE

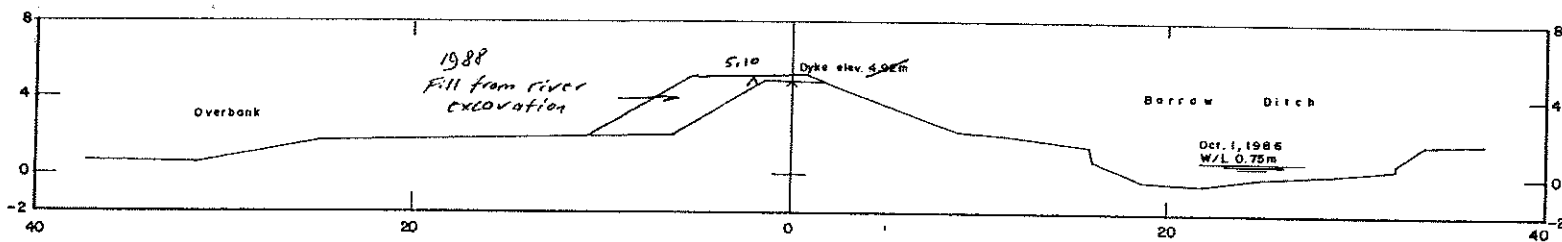
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DESIGNED	DATE Sept. - Oct. 1986
DRAWN K. F. B.	SCALE 1 : 200
DATE Nov. 1986	DRAWING No. 86-39-3
CHECKED	SHEET 3 of 6



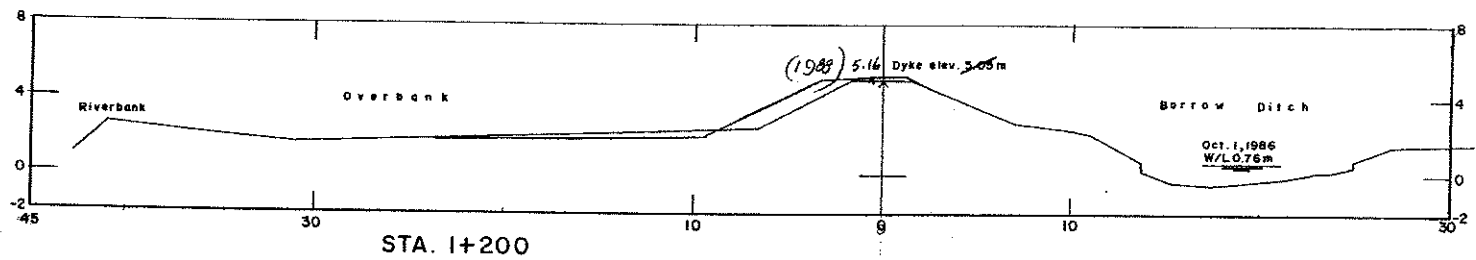
STA. 1+623 (FLOODBOX)



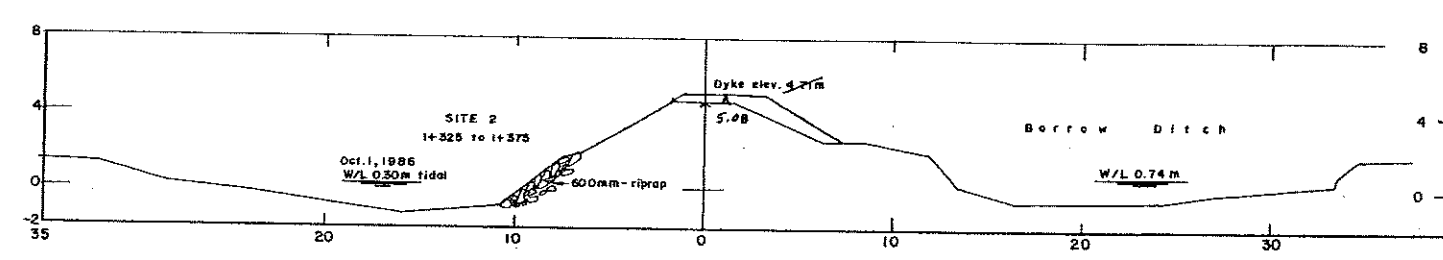
STA. 1+550 (SITE 3)



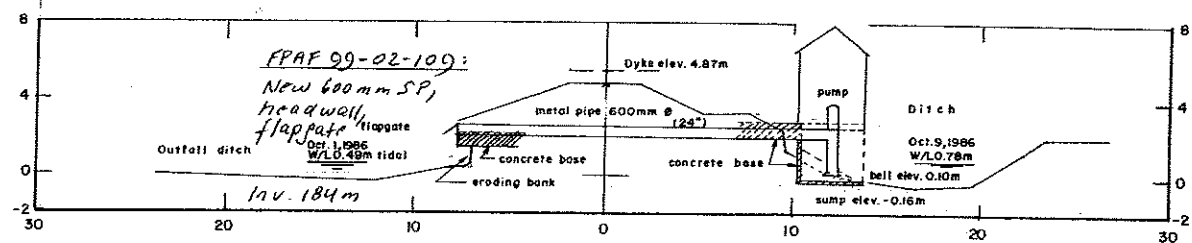
STA. 1+450



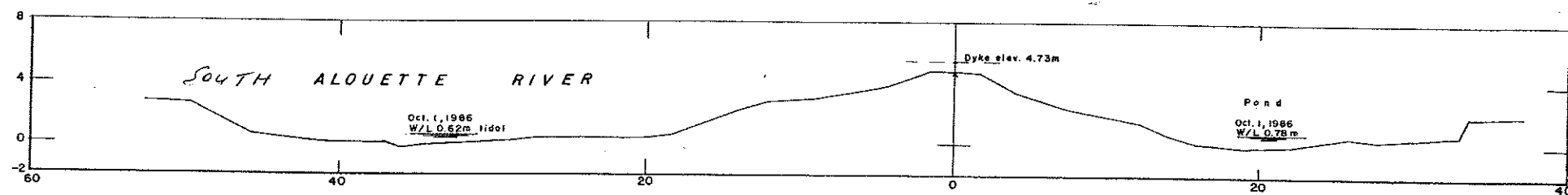
STA. 1+200



STA. 1+350 (SITE 2)



STA. 1+100 (PUMPSTATION)

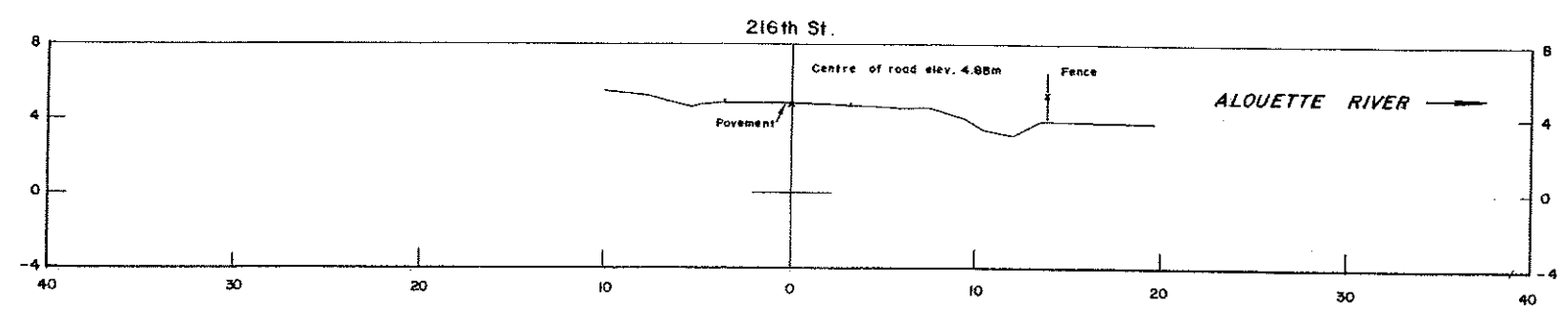
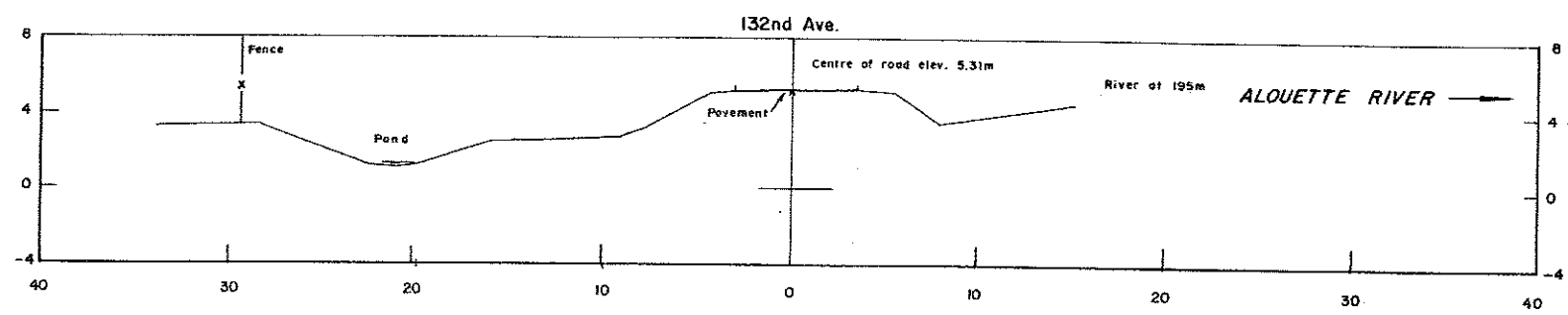
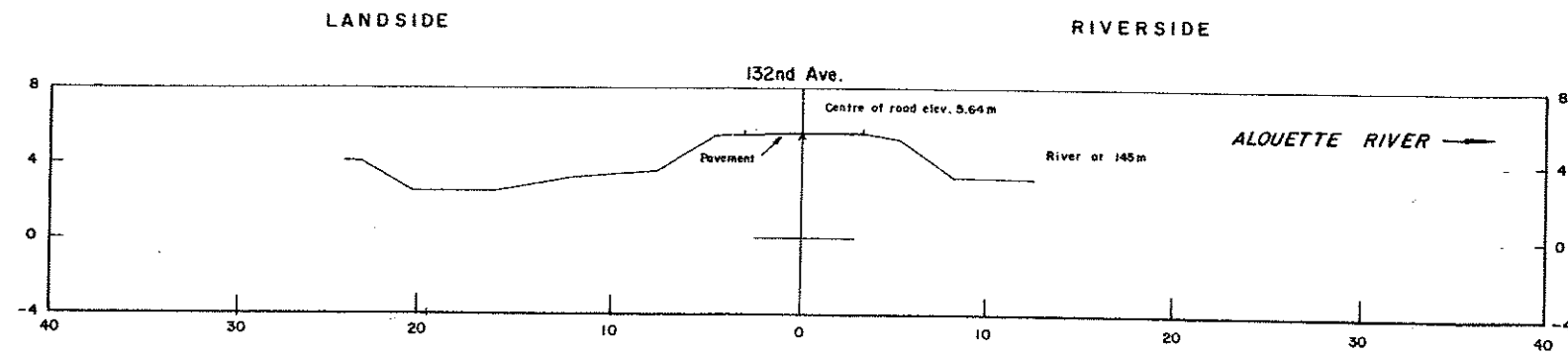


STA. 1+000

REVISIONS		
No.	DESCRIPTION	DATE
1	Aug. 1988 REPAIRS	19/6/88
2	As-built crest added	03/12/00
	FPF 99-02-100 added	03/12/00

RECOMMENDED DATE _____ RECOMMENDED DATE _____ APPROVED DATE _____	Province of British Columbia Ministry of Environment WATER MANAGEMENT BRANCH CANADA - BRITISH COLUMBIA FRASER RIVER FLOOD CONTROL 1988 AGREEMENT Project No. 15 DISTRICT OF MAPLE RIDGE TRETWEY - EDGE DYKING DISTRICT TYPICAL CROSS-SECTIONS #2 - WEST DYKE	FILE No. 0281550-823 DESIGNED _____ DRAWN K. F. B. DATE Nov. 1986 CHECKED _____	SURVEYED Min. of Env. DATE Sept. - Oct. 1988 SCALE 1:200 DRAWING No. 86-39-4 SHEET 4 of 6
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VANCOUVER



REVISIONS		
No.	DESCRIPTION	DATE

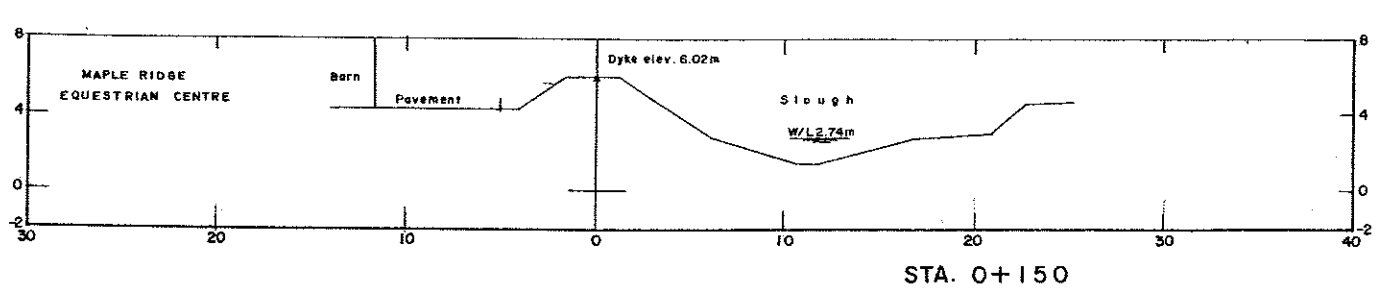
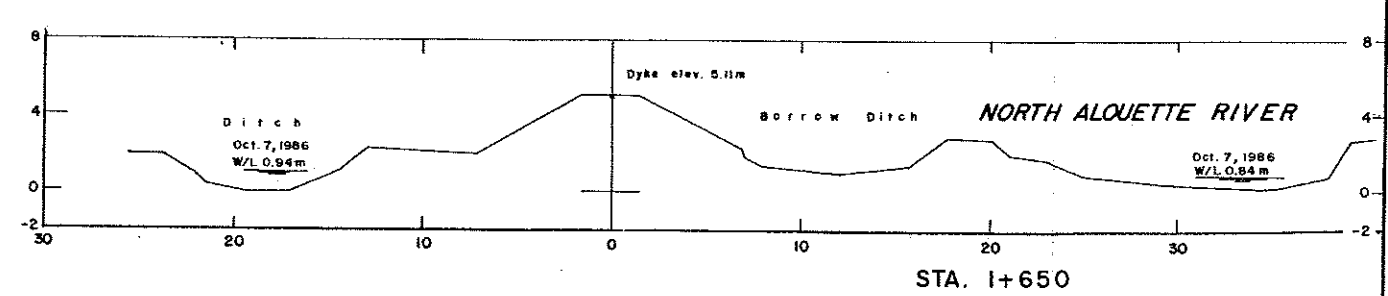
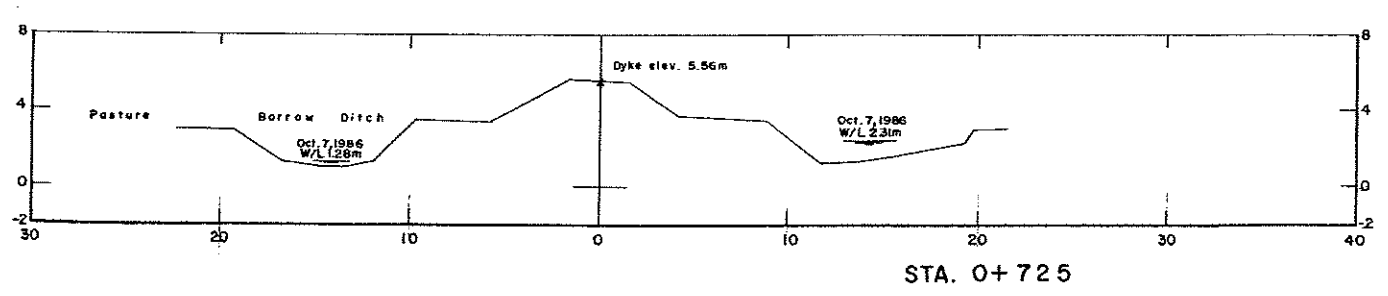
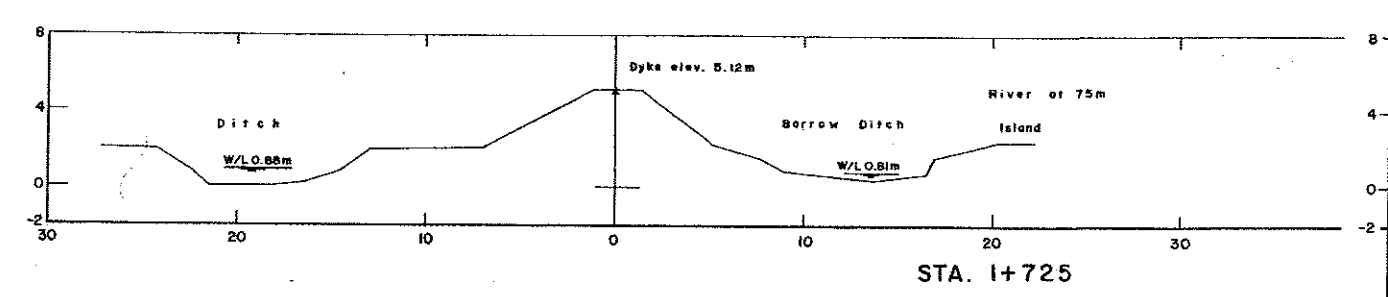
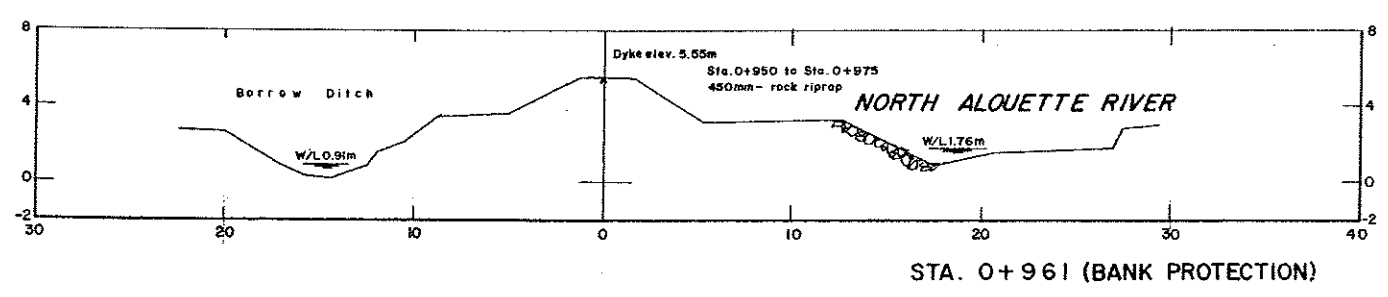
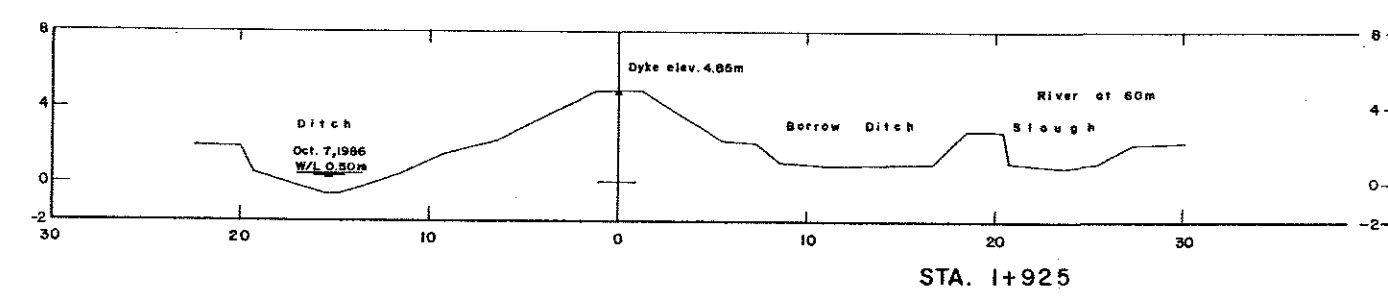
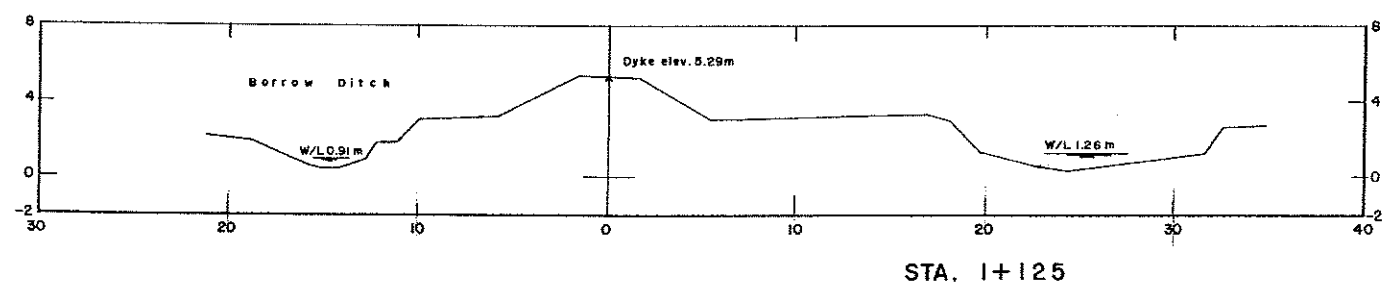
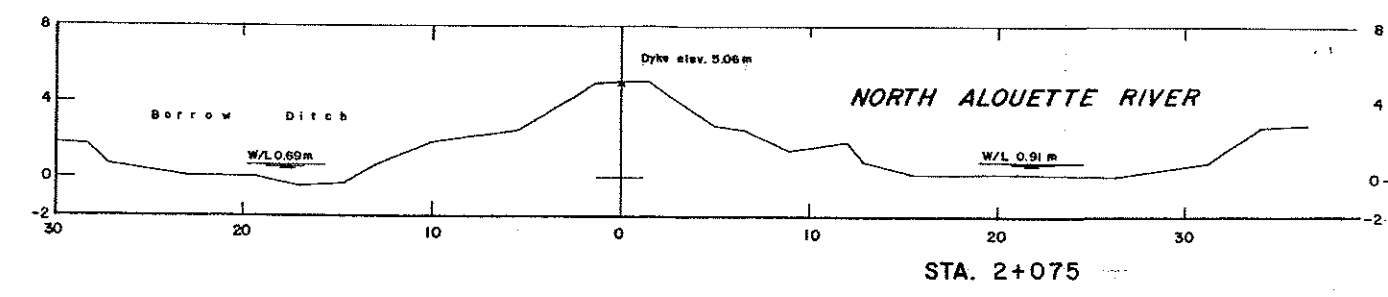
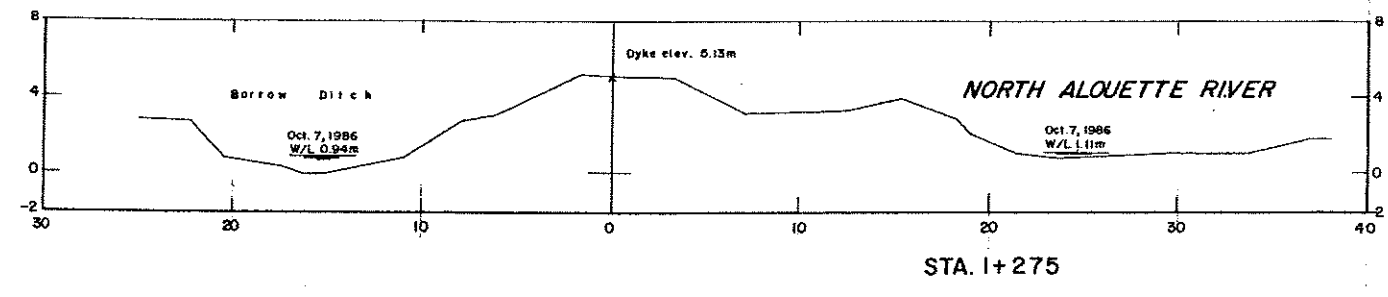
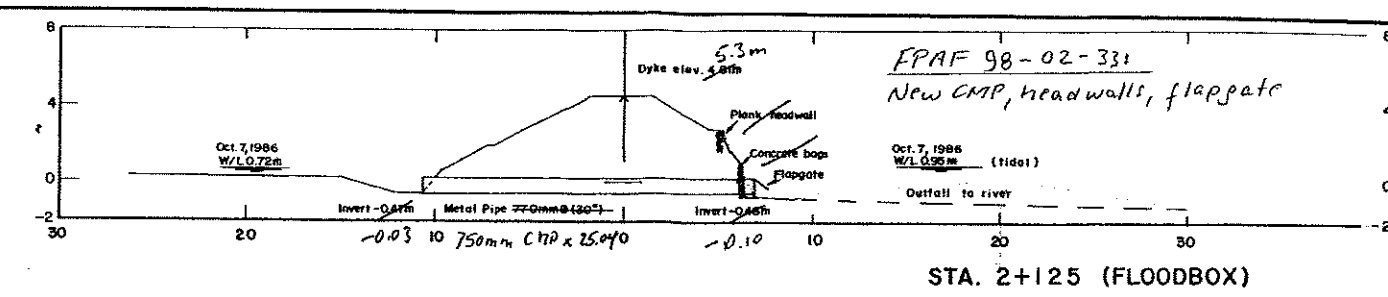
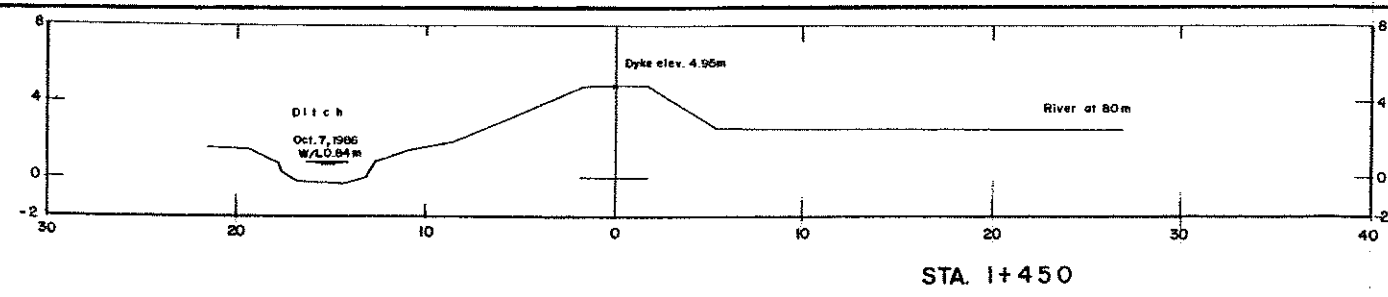
RECOMMENDED	DATE
RECOMMENDED	DATE
APPROVED	DATE

Province of British Columbia
 Ministry of Environment
 WATER MANAGEMENT BRANCH
 CANADA-BRITISH COLUMBIA
 FRASER RIVER FLOOD CONTROL 1968 AGREEMENT

Project No. 15
 DISTRICT OF MAPLE RIDGE
 TRETHERWEY - EDGE DYKING DISTRICT
 TYPICAL CROSS-SECTIONS - 216TH ST./132ND AVE.

FILE No. 0281550-B23	SURVEYED Min. of Env.
DESIGNED	DATE Sept. - Oct. 1986
DRAWN K. F. B.	SCALE 1:200
DATE Nov. 1986	DRAWING No. 86-39-5
CHECKED	SHEET 5 of 6

10/10/86



REVISIONS		RECOMMENDED	Province of British Columbia Ministry of Environment WATER MANAGEMENT BRANCH CANADA - BRITISH COLUMBIA FRASER RIVER FLOOD CONTROL 1968 AGREEMENT	FILE No.	SURVEYED
No.	DESCRIPTION	DATE		0281550 - 823	Min. of Env.
02/12003	FPAF 98-02-33 added		Project No. 15 DISTRICT OF MAPLE RIDGE TRETWEY - EDGE DYKING DISTRICT TYPICAL CROSS-SECTIONS - EAST DYKE	DESIGNED	DATE
				DRAWN	Nov. 1986
				CHECKED	SCALE
					1:200
					DRAWING No.
					86-39-6
					SHEET
					6 of 6



5 485 000
528 000

528 000
5 485 500

NW 1/4 SEC. 31 TP. 12

SEC. 31

TP. 12 E.C.M.

LOT 3 PLAN 22684

NORTH ALOUETTE RIVER

LOT 3 PLAN 22684
CONIAGAS RANCHES
MAPLE RIDGE

LOT 2 PLAN 22684
OSCAR AUSTRING
MAPLE RIDGE

LOT 1 PLAN 22684
EDWARD MURRAY
MAPLE RIDGE

DISTRICT MUNICIPALITY OF PITT MEADOWS
DITCH
CHANNEL
DRAINAGE
DITCH
DYKE
DITCH
DITCH

SITE 'B' RIPRAP

SITE 'A' RIPRAP

SITE 'C' RIPRAP

AREA 1

See Fig. 2 - Proposed Habitat Creation
in Area 1 by Global Fisheries
Consultants Ltd.

1990/92 work by R. Trethewey.
No as-built data.

ADMIN. BY
MAPLE RIDGE
PER PL. 22684

SCALE 1:1250 (approx.)
ENLARGEMENT OF MAP 92G-027-4-2

DISTRICT MUNICIPALITY OF MAPLE RIDGE

PITT MEADOWS NO. 1 DYKE

DISTRICT MUNICIPALITY OF PITT MEADOWS

SEC. 36 TP. 9 E.C.M.

REVISIONS		
No.	DESCRIPTION	DATE
1	1992 Design of Area 1 Sta. 1+500 - 1+850	10/3/92

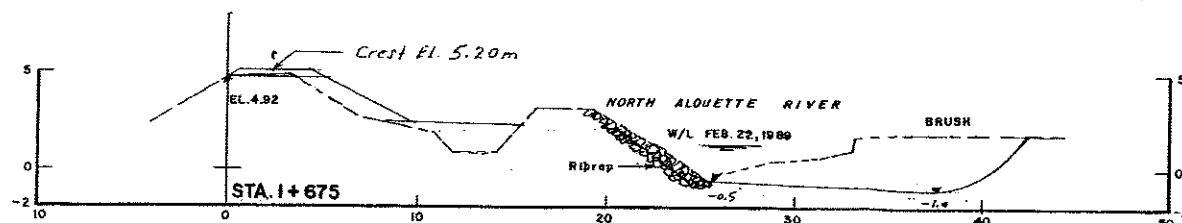
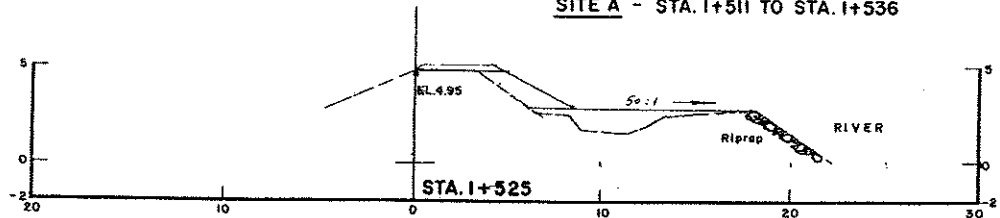
RECOMMENDED	DATE
RECOMMENDED	DATE
APPROVED	DATE

Province of British Columbia
Ministry of Environment and Parks
WATER MANAGEMENT BRANCH
CANADA - BRITISH COLUMBIA
FRASER RIVER FLOOD CONTROL 1968 AGREEMENT

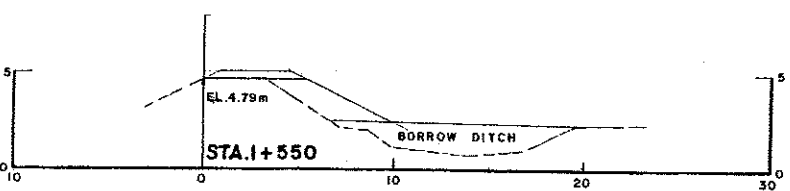
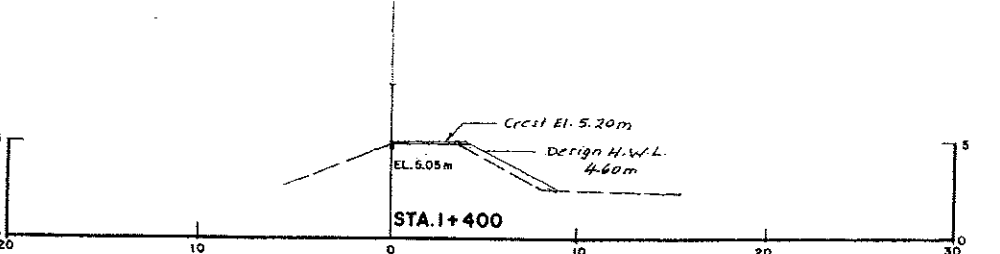
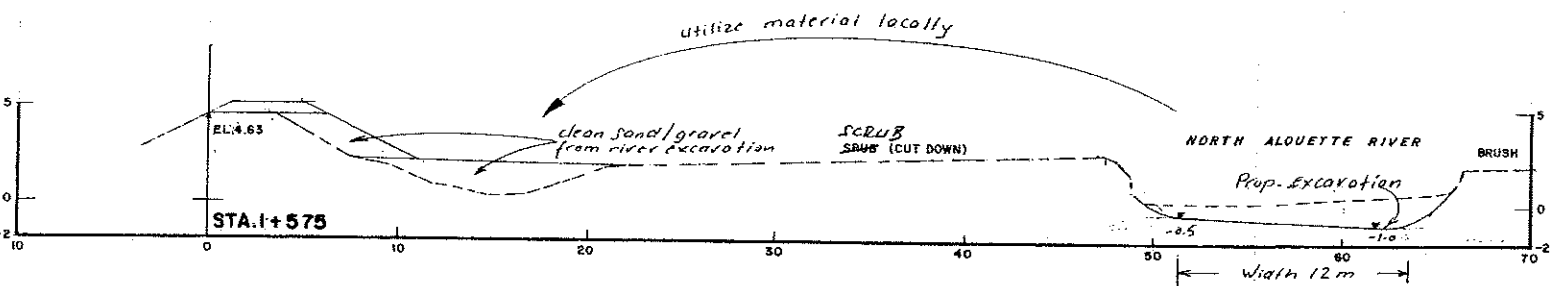
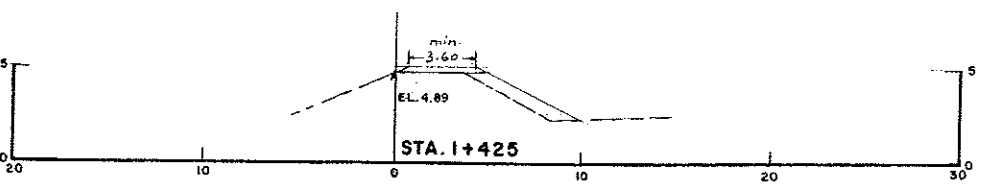
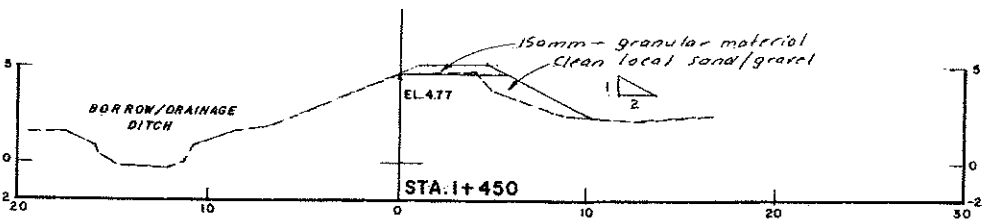
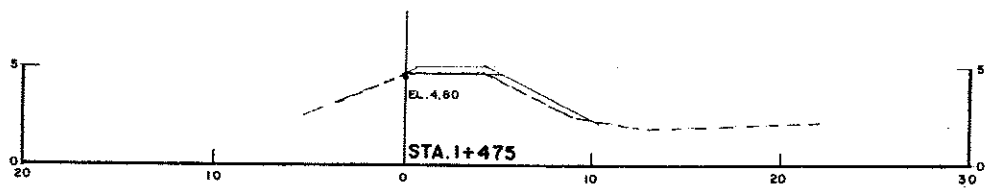
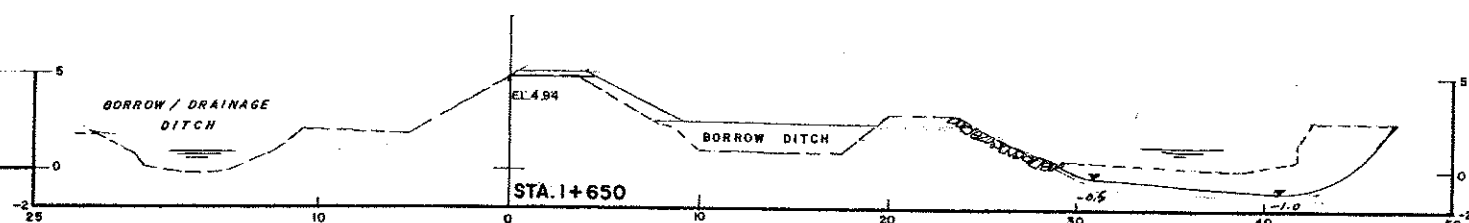
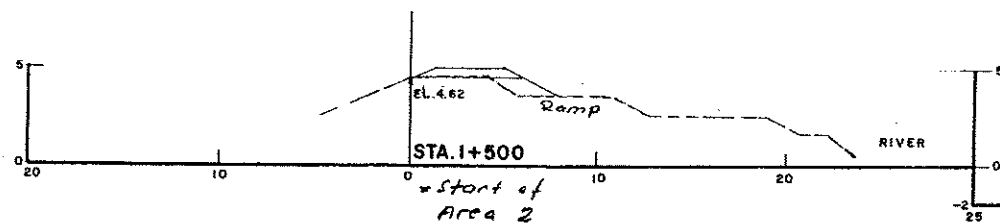
DISTRICT OF MAPLE RIDGE
TRETHERWEY - EDGE DYKING DISTRICT
EAST DYKE REHABILITATION - SITE PLAN

FILE No. T1-1-1	SURVEYED B.R. Edgington
DESIGNED K.F. Bornemann	DATE 1986 & 1989
DRAWN K.F. Bornemann	NEGATIVE No.
DATE March 14, 1990	DRAWING No.
CHECKED	86-39-7
	SHEET 2 of 5

SITE A - STA. 1+511 TO STA. 1+536

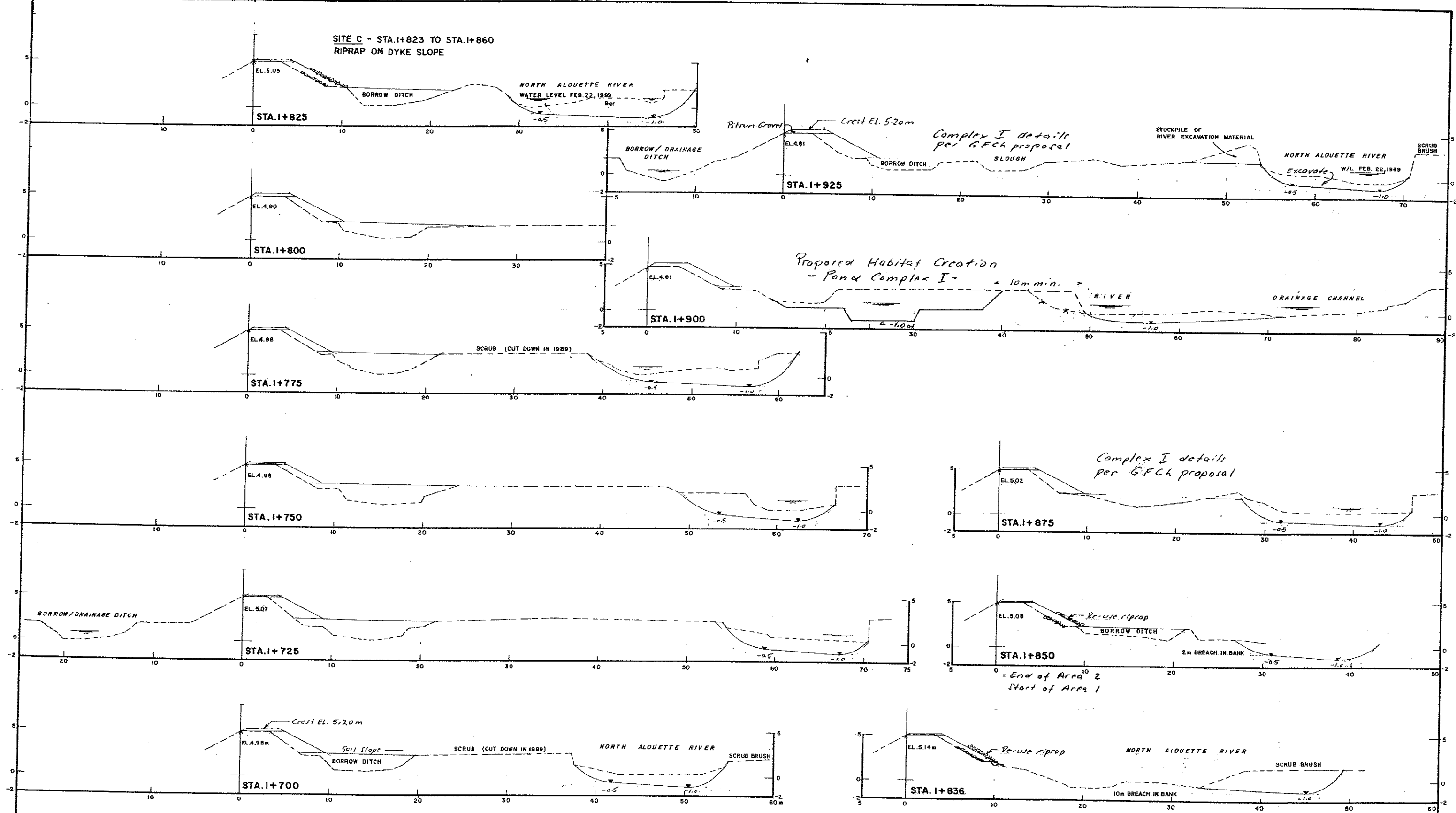


SITE B - STA. 1+642 TO STA. 1+695



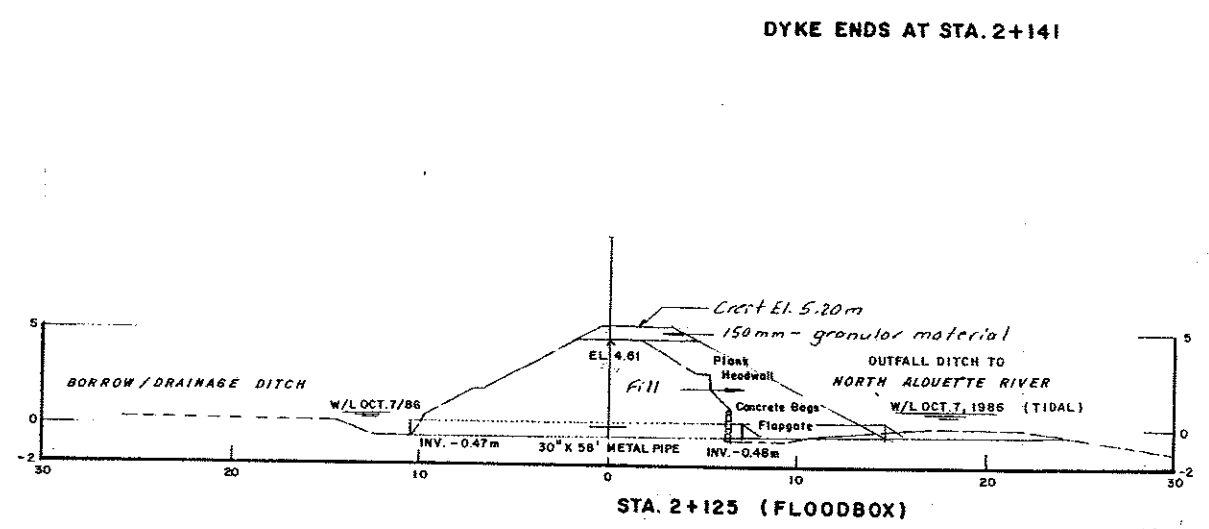
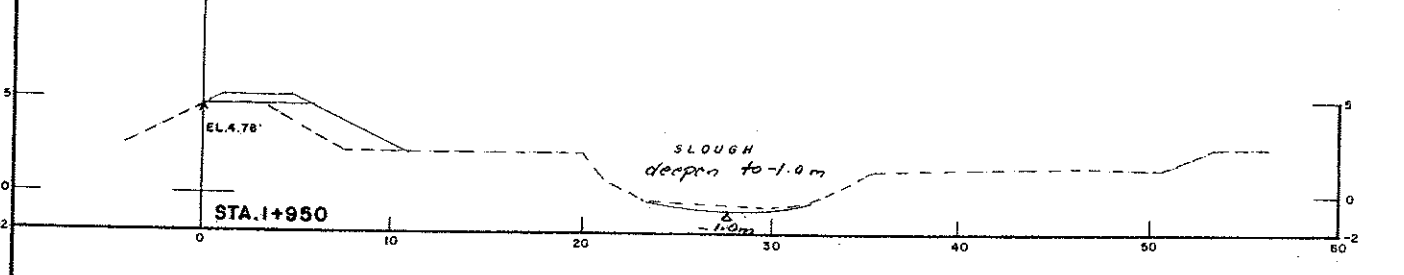
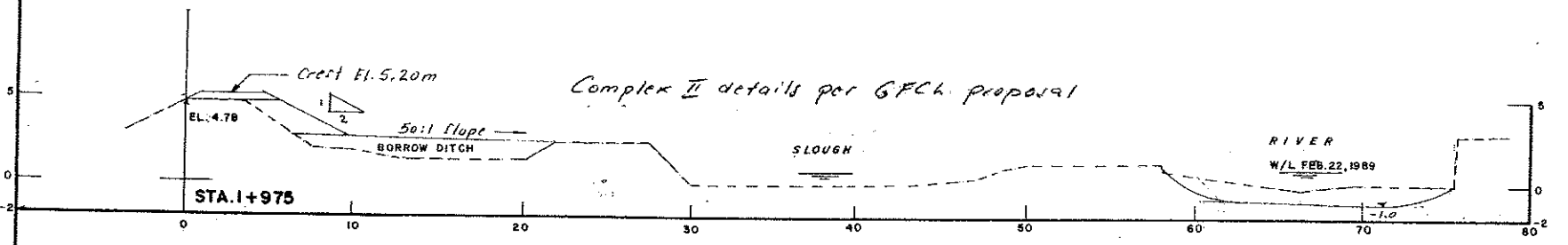
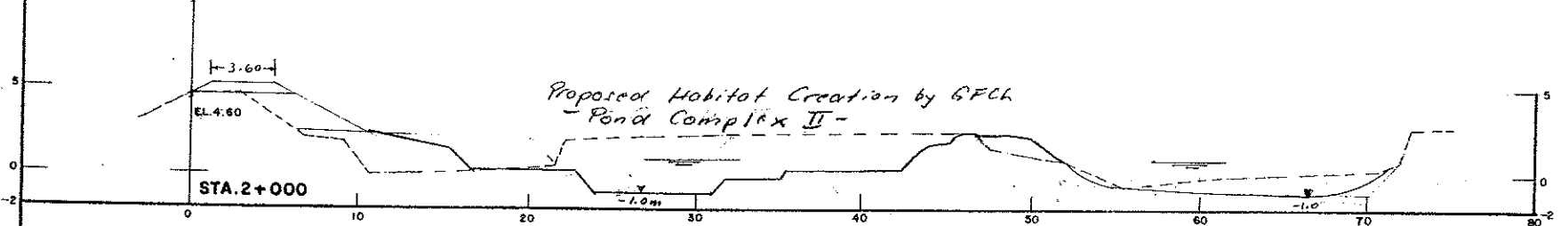
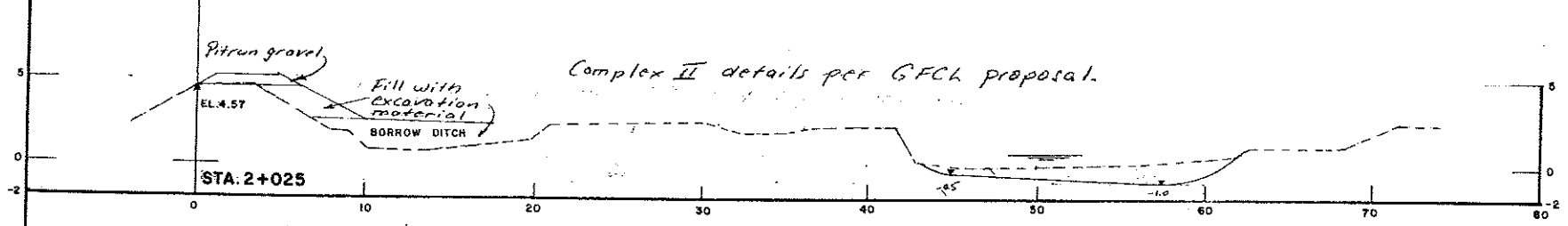
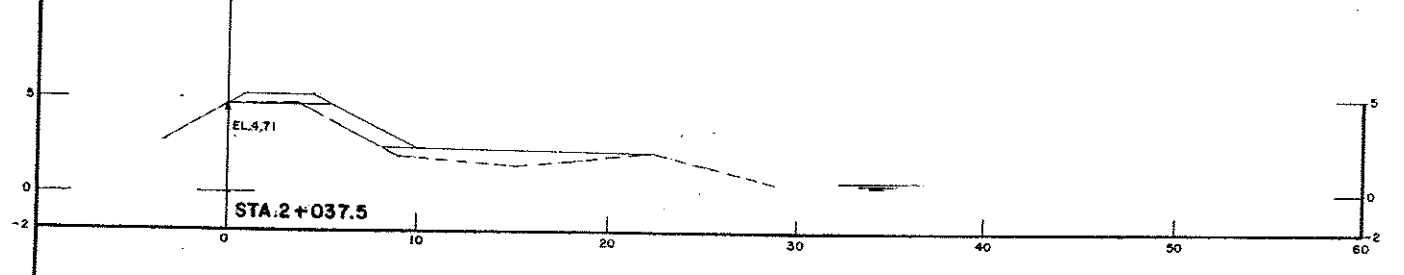
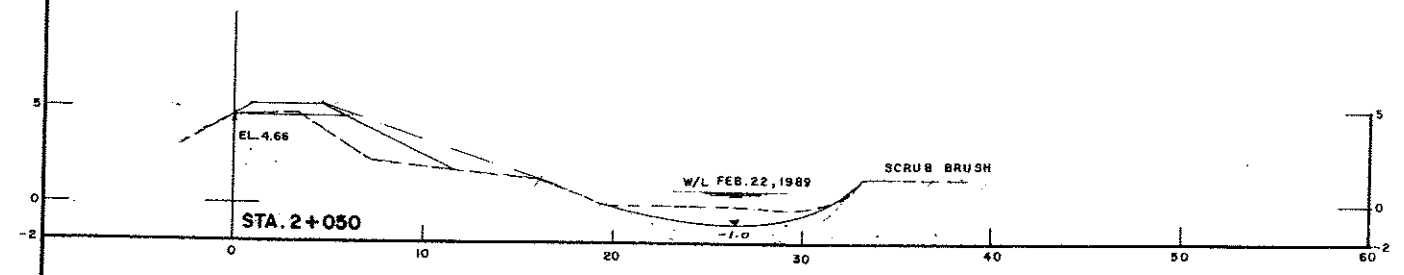
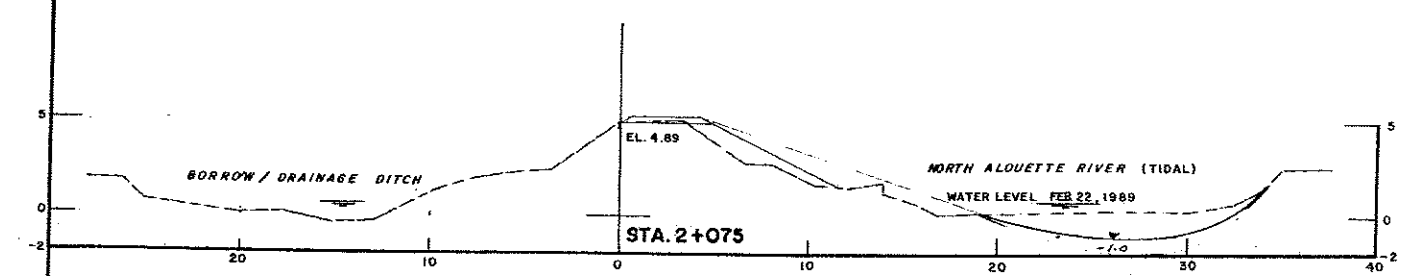
1990 Work by Z. Trotheway
 No as-built data.
 See profile for
 as-built dike crest
 elevations.

REVISIONS			RECOMMENDED	Province of British Columbia Ministry of Environment and Parks WATER MANAGEMENT BRANCH CANADA-BRITISH COLUMBIA FRASER RIVER FLOOD CONTROL 1968 AGREEMENT	FILE No. T1-1-1	SURVEYED B.R. Edgington
No.	DESCRIPTION	DATE	DATE		DESIGNED K.F. Bornemann	DATE Feb. 1989
			RECOMMENDED	DISTRICT OF MAPLE RIDGE TRETWEY - EDGE DYKING DISTRICT EAST DYKE REHABILITATION - CROSS SECTIONS	DRAWN K.F. Bornemann	NEGATIVE No.
			APPROVED		DATE March 2, 1990	DRAWING No. 86-39-8
			DATE	CHECKED	SHEET 3 of 5	

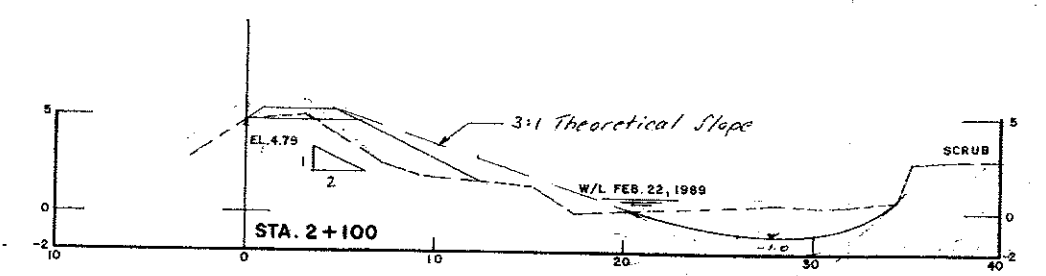


REVISIONS			RECOMMENDED	Province of British Columbia Ministry of Environment and Parks WATER MANAGEMENT BRANCH CANADA - BRITISH COLUMBIA FRASER RIVER FLOOD CONTROL 1968 AGREEMENT	FILE No. T1-1-1	SURVEYED B.R. Edgington
No.	DESCRIPTION	DATE	DATE		DESIGNED K.F. Bornemann	DATE Feb. 1989
			RECOMMENDED		DRAWN K.F. Bornemann	NEGATIVE No.
			DATE		DATE March 2, 1990	DRAWING No. 86-39-9
			APPROVED DIRECTOR		CHECKED	SHEET 4 of 5
			DATE			

DISTRICT OF MAPLE RIDGE
TRETHERWEY - EDGE DYKING DISTRICT
EAST DYKE REHABILITATION - CROSS SECTIONS



Extended May 1990.
Replaced by FPAF 98-02-33



REVISIONS		RECOMMENDED	Province of British Columbia Ministry of Environment and Parks WATER MANAGEMENT BRANCH CANADA - BRITISH COLUMBIA FRASER RIVER FLOOD CONTROL 1968 AGREEMENT	FILE No. T1-1-1	SURVEYED B.R. Edgington
No.	DESCRIPTION	DATE		DESIGNED K.F. Bornemann	DATE Feb. 1989 & Oct. 1986
			DISTRICT OF MAPLE RIDGE TRETHERWEY - EDGE DYKING DISTRICT EAST DYKE REHABILITATION - CROSS SECTIONS	DRAWN K.F. Bornemann	NEGATIVE No.
				DATE March 2, 1990	DRAWING No. 86-39-10
				CHECKED	SHEET 5 of 5

STA. 1+950 TO STA. 2+125