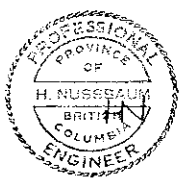
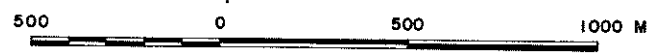


NOTE :
ALL DIMENSIONS ARE IN METRES.



CRIPPEN ENGINEERING LTD.
NORTH VANCOUVER, B.C.
PROJECT NO. 10427

DEPARTMENT HEAD: *S.F. Hill*
PROJECT ENGINEER: *[Signature]*
CHIEF ENGINEER: *[Signature]*

AS BUILT, INFORMATION SUPPLIED BY DEPARTMENT OF ENVIRONMENT, ABBOTSFORD OFFICE

NO.	DESCRIPTION	BY	CHKD	APPR	DATE

RECOMMENDED: *[Signature]* PROJECT MANAGER
DATE: **Aug 30 1978**

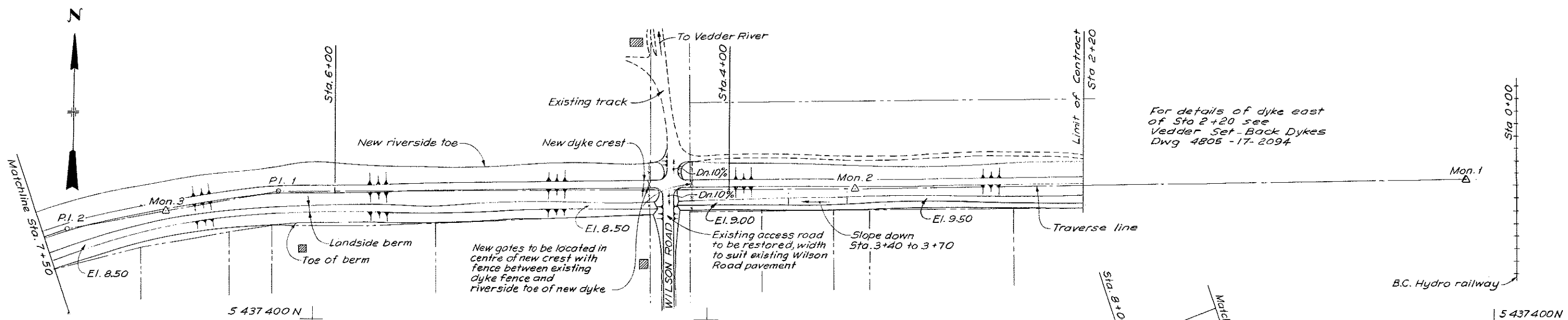
APPROVED: *[Signature]* DIRECTOR WATER INVESTIGATIONS
DATE: **Sept 22/78**

BRITISH COLUMBIA
MINISTRY OF THE ENVIRONMENT
WATER INVESTIGATIONS BRANCH
CANADA-BRITISH COLUMBIA
FRASER RIVER FLOOD CONTROL 1968 AGREEMENT

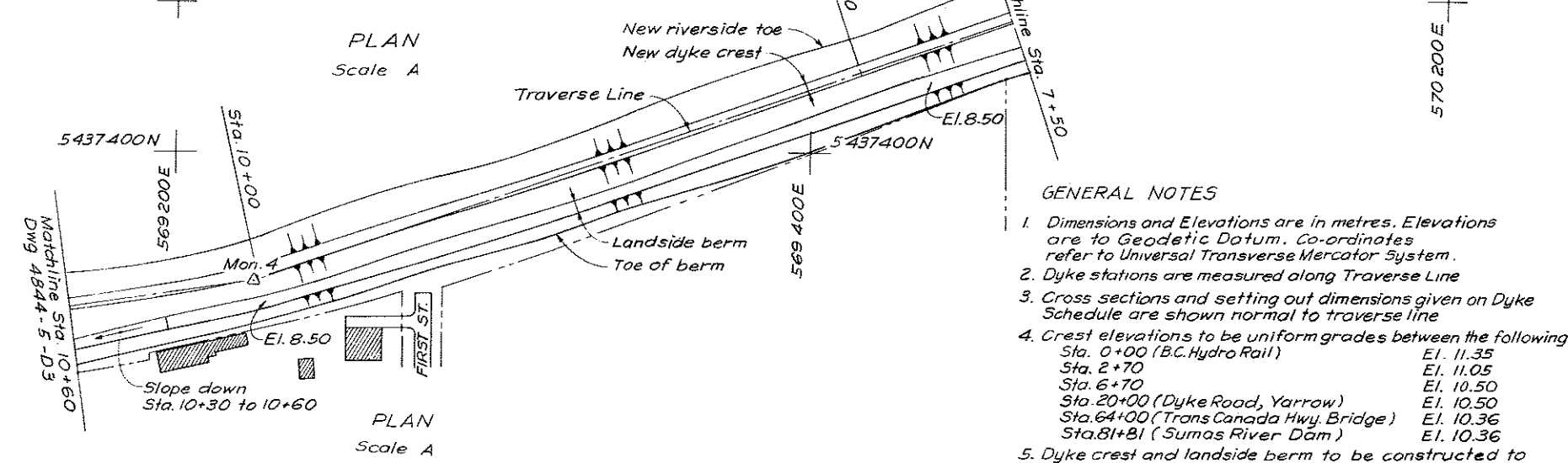
PROJECT NO. 8
ABBOTSFORD PROJECT

**DYKE REHABILITATION
GENERAL ARRANGEMENT**

DESIGNED: <i>[Signature]</i>	SURVEYED
DRAWN: H.N. CHEE	DATE
CHECKED: <i>[Signature]</i>	FILE NO: 0281550-C24-5
SCALE: As shown	DATE: AUG. 29 1978
DWG. NO: 4844-5-D1R1	SHEET 1 OF 10 SHEETS



PLAN
Scale A



PLAN
Scale A

Monument & P.I. No.	Latitude	Departure	Station
Mon. 1	5 437 471.757	570 185.219	0+25.200
Mon. 2	5 437 466.734	569 874.761	3+35.699
P. I. 1	5 437 464.700	569 581.900	6+28.567
Mon. 3	5 437 454.409	569 524.968	6+86.422
P. I. 2	5 437 445.340	569 474.780	7+37.422
Mon. 4	5 437 359.413	569 225.072	10+01.500

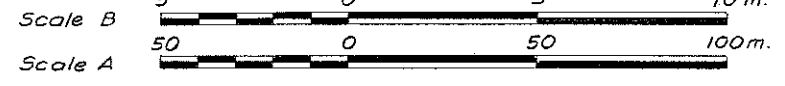
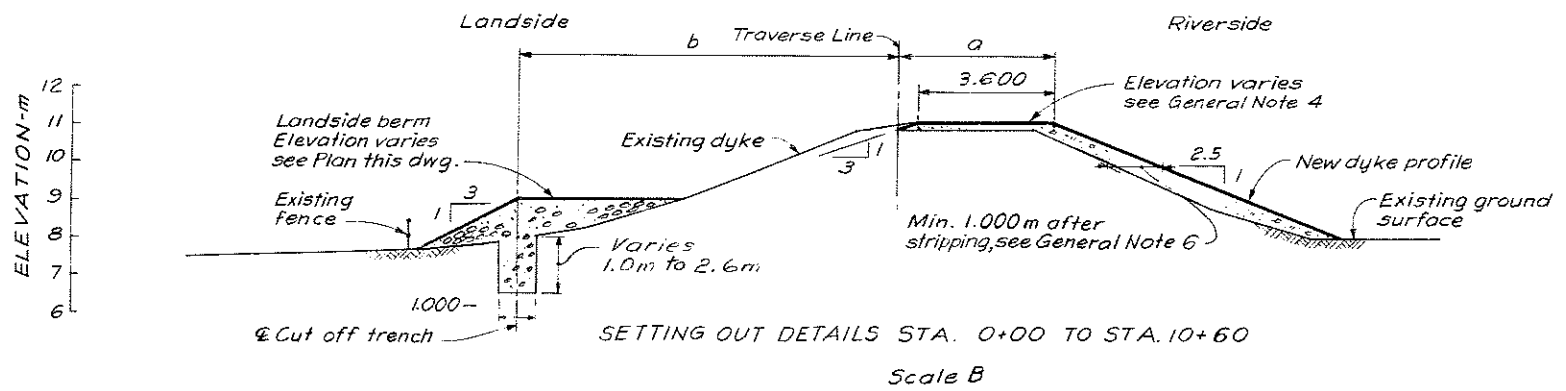
Station	Not Constructed										DYKE SCHEDULE																									
	0+00	0+10	0+40	0+70	1+00	1+30	1+60	1+90	2+20	2+50	2+80	3+10	3+40	3+70	4+00	4+30	4+60	4+90	5+20	5+50	5+80	6+10	6+40	6+70	7+00	7+30	7+60	7+90	8+20	8+50	8+80	9+10	9+40	9+70	10+00	10+30
Distance a(m)									5.0	5.4	5.42	5.45	5.45	5.18	4.92	4.67	4.42	4.17	3.31	3.66	3.4	3.15	3.4	5.2	4.99	2.43	2.2	2.2	2.2	2.2	2.2	2.2	2.7	5.0	3.3	
Distance b(m)									7.55	6.37	6.44	6.73	6.32	7.5	7.3	-	9.0	9.5	10.0	10.1	10.2	10.5	9.6	8.1	6.6	10.4	11.4	11.95	12.1	12.4	12.8	12.7	12.0	10.15	8.8	11.27

- GENERAL NOTES**
- Dimensions and Elevations are in metres. Elevations are to Geodetic Datum. Co-ordinates refer to Universal Transverse Mercator System.
 - Dyke stations are measured along Traverse Line
 - Cross sections and setting out dimensions given on Dyke Schedule are shown normal to traverse line
 - Crest elevations to be uniform grades between the following:
 Sta. 0+00 (B.C. Hydro Rail) El. 11.35
 Sta. 2+70 El. 11.05
 Sta. 6+70 El. 10.50
 Sta. 20+00 (Dyke Road, Yarrow) El. 10.50
 Sta. 64+00 (Trans Canada Hwy. Bridge) El. 10.36
 Sta. 81+81 (Sumas River Dam) El. 10.36
 - Dyke crest and landside berm to be constructed to give uniform and neat horizontal curve between stations at which setting out dimensions are given
 - Where setting out dimensions result in less than 1.000m horizontal width of new riverside fill, this width to be increased to 1.000m by local cut as determined in Field by the Engineer.
 - Where thickness of Type 2 material is less than 0.150m between existing dyke crest and underside of Type 1 surfacing material, Type 1 material may be substituted.
 - Existing dyke to be excavated where necessary to construct new crest width of 3600m with surfacing thickness of 150mm below new crest elevation, unless new crest width and alignment can be maintained by leaving existing crest high, as determined by the Engineer.
 - Limit of clearing, grubbing and stripping shown on sections 1, 2 and 3 of Dwg. 4844-5-D10 are maximum limits, actual limits to be determined in Field by the Engineer.
 - Existing fence not shown. New fence to be located on new legal boundary at min. 0.600m from toe of landside berm.
 - All turning areas and access roads to comprise Type 2 fill material and to be provided with Type 1 fill surfacing 150mm thick. Drain to be continued beneath bulk fill of turning areas and access roads, except where noted on the Drawings.
 - Those portions of the work between Sta. 0+00 and 2+50, Sta. 10+60 and 29+10, and between Sta. 64+50 and 75+40, shall not be constructed until approval to proceed is given by the Engineer
 - For designation of fill material types see Dwg. 4844-5-D10

* Local cut, see General Note 6

LEGEND

- Mon. 1 Δ Concrete Survey Monument
- P. I. 1 0 Point of Intersection of Traverse Lines
- Traverse Line
- - - Existing property Boundary
- x - New Fence
- Existing Building
- Power Pole



CRIPPEN ENGINEERING LTD.
 NORTH VANCOUVER, B.C.
 PROJECT NO. 19407

DEPARTMENT HEAD: S.F. Hill
 PROJECT ENGINEER: A.D. Hill
 CHIEF ENGINEER: C.

AS BUILT, INFORMATION SUPPLIED BY DEPARTMENT OF ENVIRONMENT, ABBOTSFORD OFFICE

NO. _____ DESCRIPTION _____ REVISIONS _____

APPROVED: W.G. Buller
 DIRECTOR, WATER INVESTIGATIONS

RECOMMENDED: E. Buller
 PROJECT MANAGER

DATE: Aug 30 1978

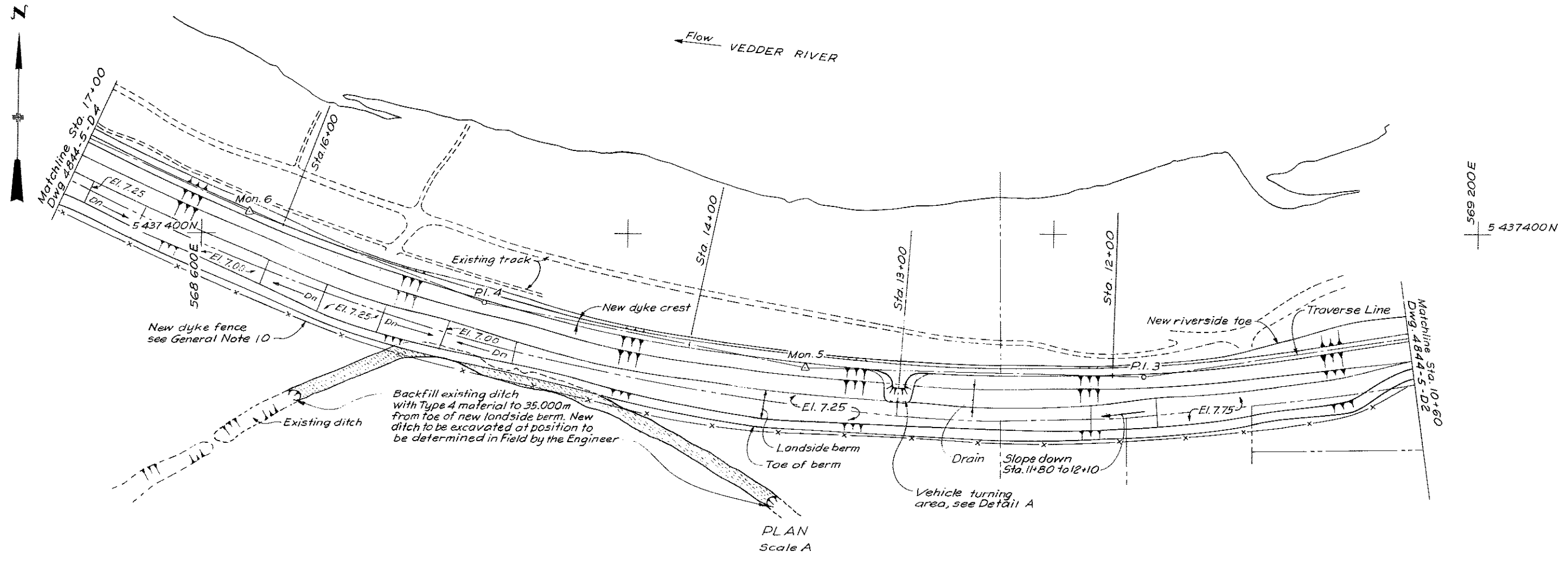
APPROVED: W.G. Buller
 DATE: Sept 22 1978

BRITISH COLUMBIA
 MINISTRY OF THE ENVIRONMENT
 WATER INVESTIGATIONS BRANCH
 CANADA - BRITISH COLUMBIA
 FRASER RIVER FLOOD CONTROL 1968 AGREEMENT

PROJECT NO. 8
 ABBOTSFORD PROJECT
DYKE REHABILITATION
 PLAN
 STA. 0+00 TO STA. 10+60

DESIGNED: S.F. Hill
 DRAWN: H.N.C.
 CHECKED: S.F. Hill
 SCALE: As shown
 DWG. NO. 4844-5-D2 RI

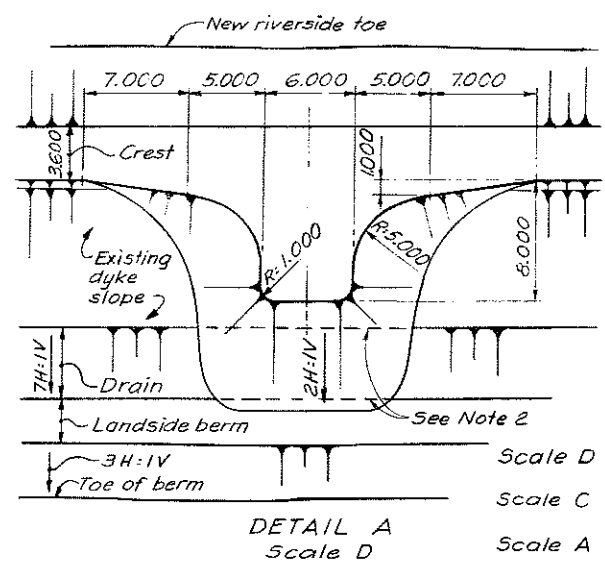
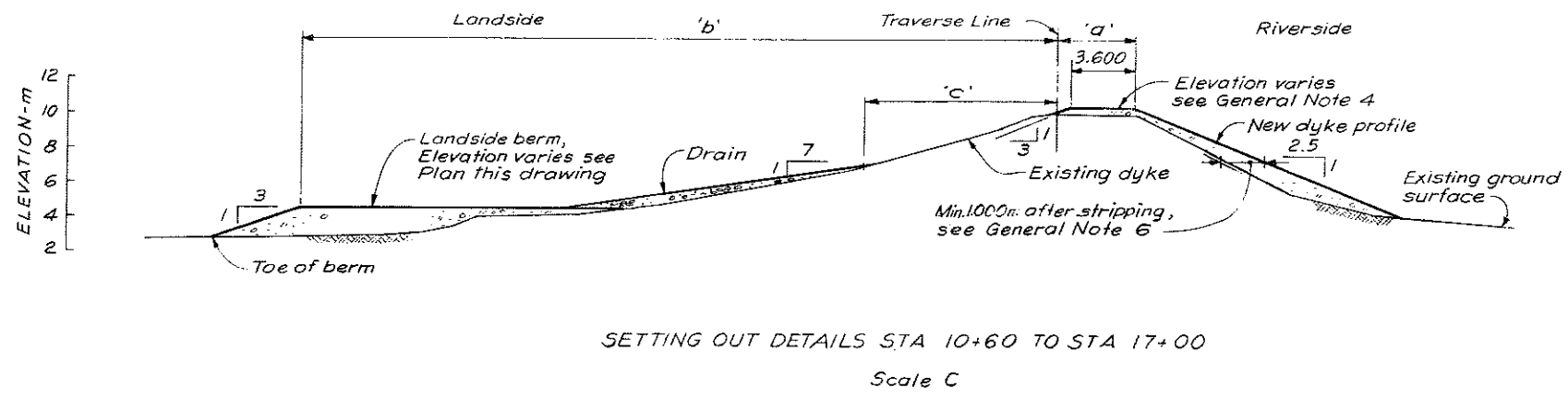
SURVEYED: _____ DATE: _____
 FILE NO. 0281550-C24-5
 DATE: AUG. 29 1978
 SHEET 2 OF 10 SHEETS



DYKE SCHEDULE

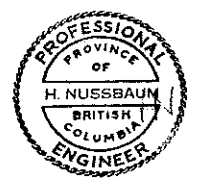
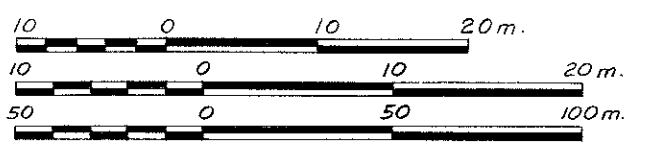
Station	10+60	10+90	11+20	11+50	11+80	12+10	12+40	12+70	13+00	13+30	13+60	13+90	14+20	14+50	14+80	15+10	15+40	15+70	16+00	16+30	16+60	16+90
Distance a(m)	2.2	1.6	1.6	2.4	3.4	3.0	2.4	2.0	2.2	3.6	3.5	2.1	1.1	1.8	2.9	3.4	1.6	1.2	1.1	0.4	-0.4	-0.1
Distance b(m)	14.1	24.7	24.9	25.5	24.5	26.1	26.7	26.2	26.1	25.6	26.5	28.4	28.15	27.2	26.1	27.1	30.4	30.9	30.1	29.3	29.5	29.0
Distance c(m)	-	9.1	9.0	8.0	5.45	7.3	8.1	8.2	7.25	5.3	5.7	6.2	9.4	8.5	7.0	6.9	9.0	9.6	10.15	0.3	9.7	9.1

Monument & P.I. No.	Latitude	Departure	Station
Mon. 4	5 437 359.413	569 225.072	10+01.500
P. I. 3	5 437 333.000	569 043.100	11+85.379
Mon. 5	5 437 337.257	568 884.219	13+44.317
P. I. 4	5 437 367.350	568 733.000	14+98.501
Mon. 6	5 437 409.909	568 622.399	16+17.008



NOTE

- For General Notes see Dwg 4844-5-D2
- Drain to continue beneath bulk fill of all turning areas



CRIPPEN ENGINEERING LTD.
NORTH VANCOUVER, B.C.
PROJECT NO. 10407

DEPARTMENT HEAD: *S.F. Hillier*

PROJECT ENGINEER: *[Signature]*

CHIEF ENGINEER: *[Signature]*

AS BUILT, INFORMATION SUPPLIED BY DEPARTMENT OF ENVIRONMENT, ABBOTSFORD OFFICE

NO.	DESCRIPTION	BY	CHKD	APPR	DATE
1		MM		CL	1-3-85

RECOMMENDED: *[Signature]* PROJECT MANAGER

DATE: **Aug. 30 1978**

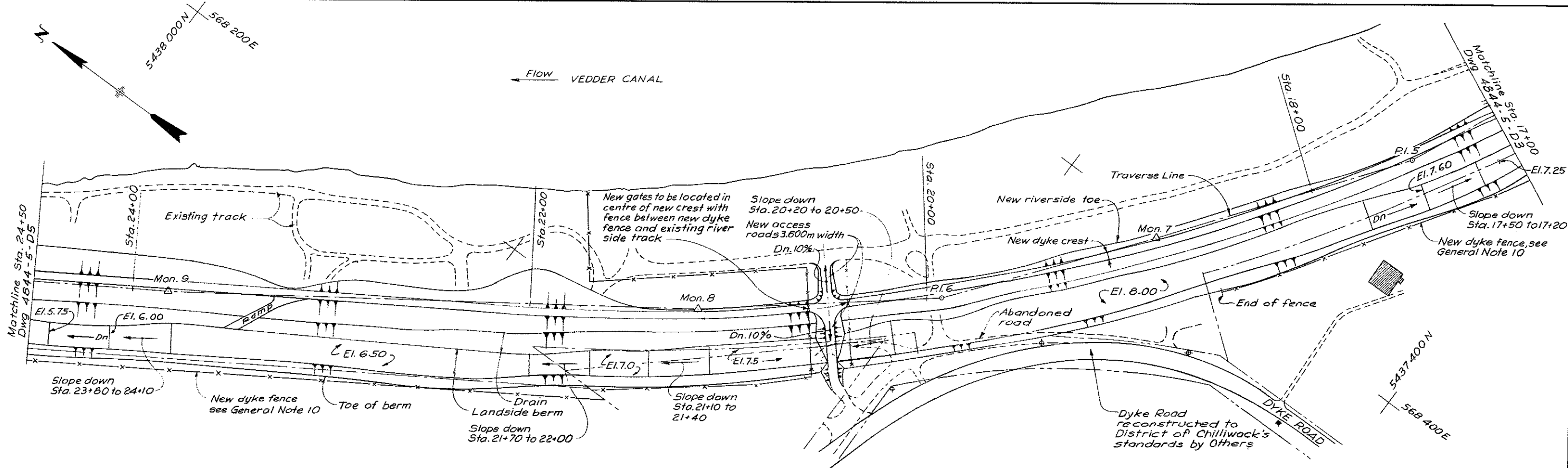
APPROVED: *[Signature]* DIRECTOR, WATER INVESTIGATIONS

DATE: **Sept 22/78**

BRITISH COLUMBIA
MINISTRY OF THE ENVIRONMENT
WATER INVESTIGATIONS BRANCH
CANADA-BRITISH COLUMBIA
FRASER RIVER FLOOD CONTROL 1968 AGREEMENT

PROJECT NO. 8
DYKE REHABILITATION
PLAN
STA. 10+60 TO STA. 17+00

DESIGNED	SURVEYED
<i>[Signature]</i>	
DRAWN: H.N.C.	DATE:
CHECKED: <i>[Signature]</i>	FILE NO: 0281550-C24-5
SCALE: As shown	DATE: AUG. 29 1978
DWG. NO. 4844-5-D3 RI	SHEET 3 OF 10 SHEETS



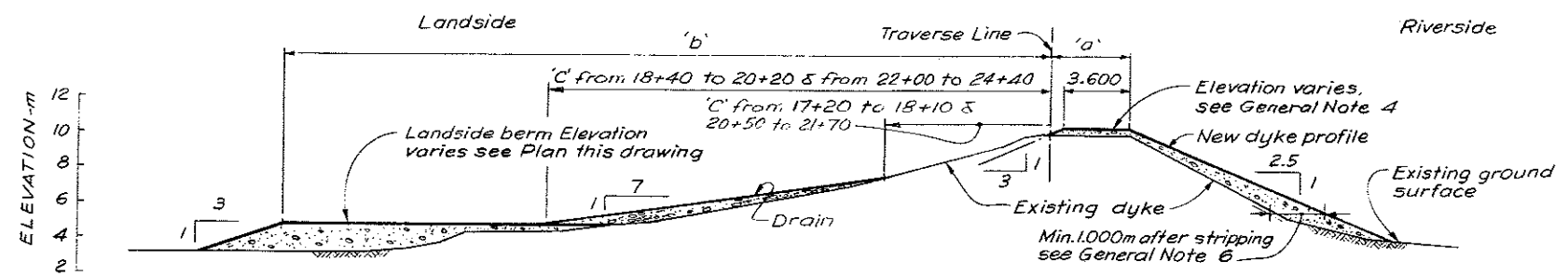
PLAN
Scale A

DYKE SCHEDULE																									
Station	17+20	17+50	17+80	18+10	18+40	18+70	19+00	19+30	19+60	19+90	20+20	20+50	20+80	21+10	21+40	21+70	22+00	22+30	22+60	22+90	23+20	23+50	23+80	24+10	24+40
Distance a(m)	1.5	3.4	1.2	-0.4	-2.07	-2.58	-1.90	-0.22	1.80	4.9	2.1	-0.5	-1.1	-1.3	-1.9	-2.2	-1.5	-0.5	0.05	1.7*	2.8*	3.9*	5.25*	5.34*	5.33
Distance b(m)	28.3	26.6	28.2	29.0	28.8	29.0	29.5	29.0	27.4	24.4	26.7	29.9	33.0	33.3	34.6	35.7	36.6	35.6	34.6	33.6	32.6	31.6	30.6	30.8	31.0
Distance c(m)	6.5	3.9	6.3	8.3	15.6	17.1	16.6	16.7	14.9	12.4	14.5	8.9	9.84	10.1	10.5	12.87	25.4	24.3	23.2	22.2	21.2	20.2	19.2	19.75	20.0

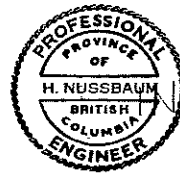
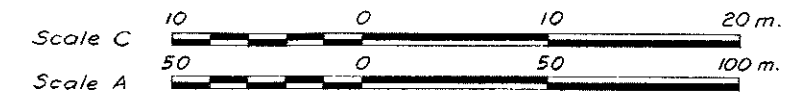
* Local cut, see General Note 6

Monument & P.I. No.	Latitude	Departure	Station
Mon. 6	5437 409.909	568 622.399	16+17.00B
P. I. 5	5437 463.750	568 504.250	17+46.84E
Mon. 7	5437 543.792	568 396.431	18+81.12B
P. I. 6	5437 612.300	568 308.550	19+92.557
Mon. 8	5437 708.101	568 231.014	21+15.803
Mon. 9	5437 927.236	568 079.583	23+82.172

NOTE:
1. For General Notes see Dwg 4844-5-D2



SETTING OUT DETAILS STA. 17+00 TO STA. 24+50
Scale C



CRIPPEN ENGINEERING LTD.
NORTH VANCOUVER, B.C.
PROJECT NO. 10907

DEPARTMENT HEAD: *S.F. Hill*
PROJECT ENGINEER: *[Signature]*
CHIEF ENGINEER: *[Signature]*

AS BUILT, INFORMATION SUPPLIED BY DEPARTMENT OF ENVIRONMENT, ABBOTSFORD OFFICE

NO. 1-3-85

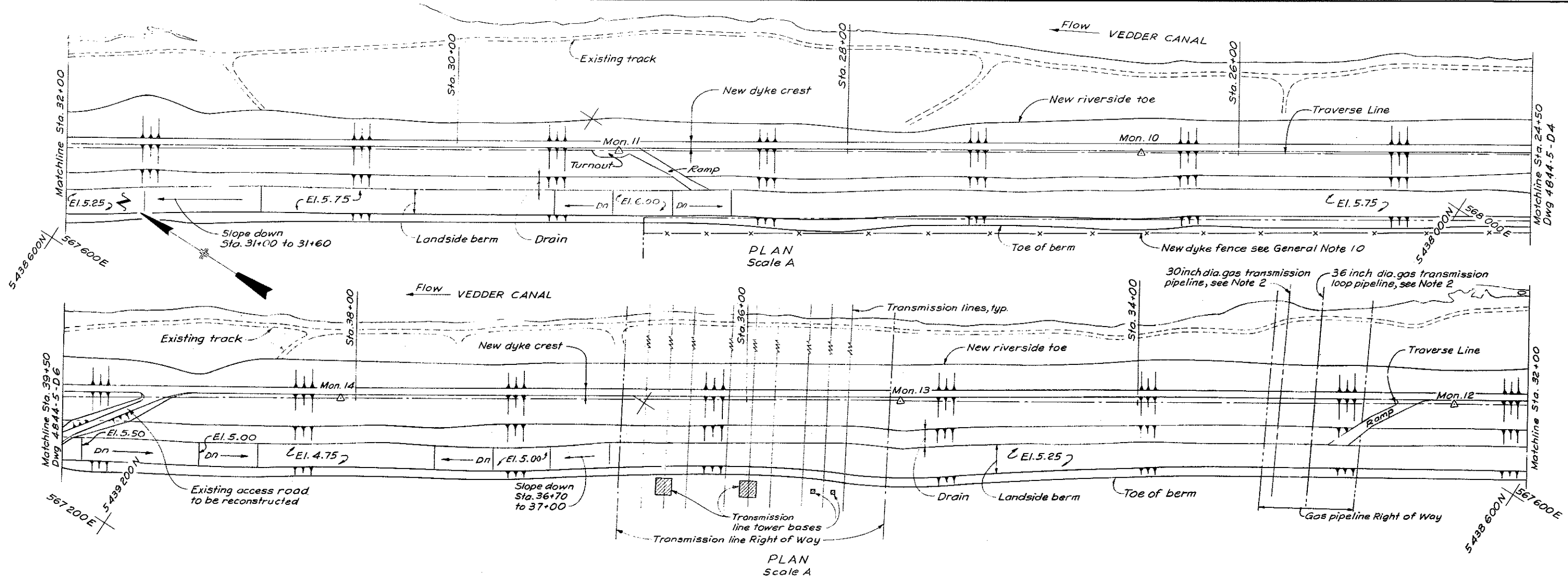
RECOMMENDED: *[Signature]* PROJECT MANAGER
DATE: **Aug 30 1978**
APPROVED: *[Signature]* DIRECTOR, WATER INVESTIGATIONS
DATE: **Sept 20/78**

BRITISH COLUMBIA
MINISTRY OF THE ENVIRONMENT
WATER INVESTIGATIONS BRANCH
CANADA - BRITISH COLUMBIA
FRASER RIVER FLOOD CONTROL 1968 AGREEMENT
ABBOTSFORD PROJECT

PROJECT NO. 8
DYKE REHABILITATION
PLAN
STA. 17+00 TO STA. 24+50

DESIGNED: *[Signature]*
DRAWN: **H.N.C.**
CHECKED: **[Signature]**
SCALE: **As shown**
DWG. NO: **4844-5-D4R**

SURVEYED: *[Signature]*
DATE: **AUG. 29 1978**
FILE NO: **0281550-C24-5**
DATE: **AUG. 29 1978**
SHEET **4** OF **10** SHEETS



DYKE SCHEDULE

Station	24+70	25+00	25+30	25+60	25+90	26+20	26+50	26+80	27+10	27+40	27+70	28+00	28+30	28+60	28+90	29+20	29+50	29+80	30+10	30+40	30+70	31+00			
Distance a(m)	5.32	5.38	5.37	5.30	5.35	5.30	5.25*	5.18	5.15	5.05	5.0*	5.10	5.12	5.16*	5.21	5.22	5.14	5.04	4.99	5.12*	5.1	5.26	5.53		
Distance b(m)	31.2	31.4	31.7	32.0	32.3	32.6	32.9	33.2	33.3	33.4	33.5	33.4	33.3	33.2	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1		
Distance c(m)	20.0	20.0	19.8	19.6	19.5	19.3	19.3	19.1	18.8	19.0	19.45	19.95	20.25	20.6	20.5	20.45	20.3	20.15	20.0	19.8	19.7	19.6	20.7	21.6	21.7

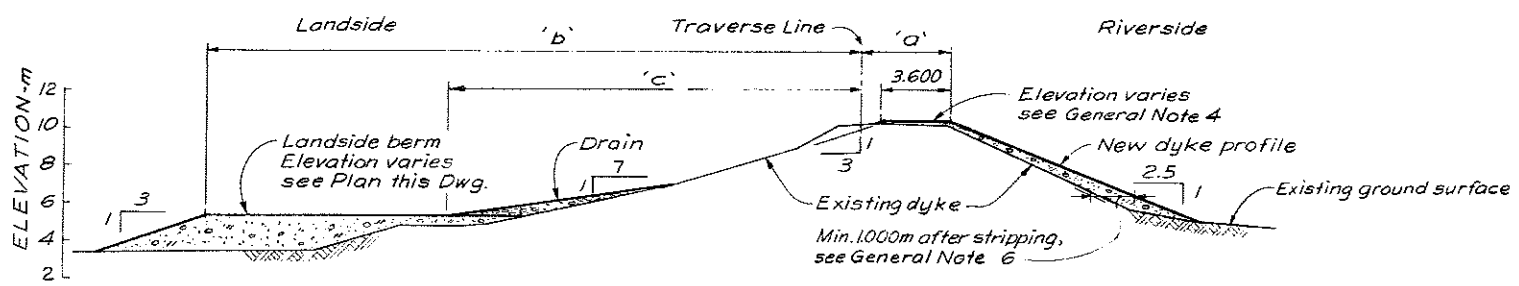
DYKE SCHEDULE

Station	32+20	32+50	32+80	33+10	33+40	33+70	34+00	34+30	34+60	34+90	35+20	35+50	35+80	36+10	36+40	36+70	37+00	37+30	37+60	37+90	38+20	38+50	38+80	39+10	39+40
Distance a(m)	5.55	5.60	5.57	5.58*	5.31	5.49	5.47	5.47	5.46	5.47	5.4	5.4	5.39	5.31	5.31	5.31	5.24	5.24	5.18	5.16	5.05	5.0	5.0	5.0*	5.05*
Distance b(m)	33.1	33.1	33.1	33.1	33.1	33.1	33.9	34.7	35.5	36.3	37.1	36.4	35.7	35.0	35.0	35.7	36.0	35.7	35.4	35.1	34.8	34.5	34.2	33.5	32.8
Distance c(m)	21.8	21.8	22.1	22.0	22.0	22.1	22.2	22.4	22.55	22.6	22.65	22.7	22.7	22.75	22.8	23.0	24.9	25.0	25.0	24.8	24.6	24.3	24.0	23.8	23.6

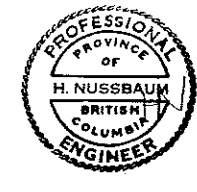
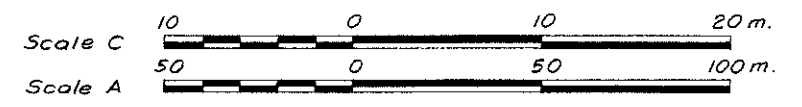
* Local cut, see General Note 6

Monument & P.I. No.	Latitude	Departure	Station
Mon. 9	5 437 927.236	568 079.583	23+82.172
Mon. 10	5 438 153.440	567 936.906	26+49.616
Mon. 11	5 438 379.512	567 794.081	29+17.027
Mon. 12	5 438 650.531	567 622.861	32+37.605
Mon. 13	5 438 890.344	567 471.356	35+21.270
Mon. 14	5 439 132.519	567 318.359	38+07.728

- NOTE:**
- For General Notes see Dwg 4844-5-D2
 - For details of existing gas pipelines, see Westcoast Transmission Dwg ML-632-205 Rev. 2
 - Settlement plates installed above gas pipelines in berm.



SETTING OUT DETAILS STA. 24+50 TO STA. 39+50
Scale C



CRIPPEN ENGINEERING LTD.
NORTH VANCOUVER, B.C.
PROJECT NO. 10407

DEPARTMENT HEAD: *S.F. Hill*
PROJECT ENGINEER: *[Signature]*
CHIEF ENGINEER: *[Signature]*

AS BUILT, INFORMATION SUPPLIED BY DEPARTMENT OF ENVIRONMENT, ABBOTSFORD OFFICE

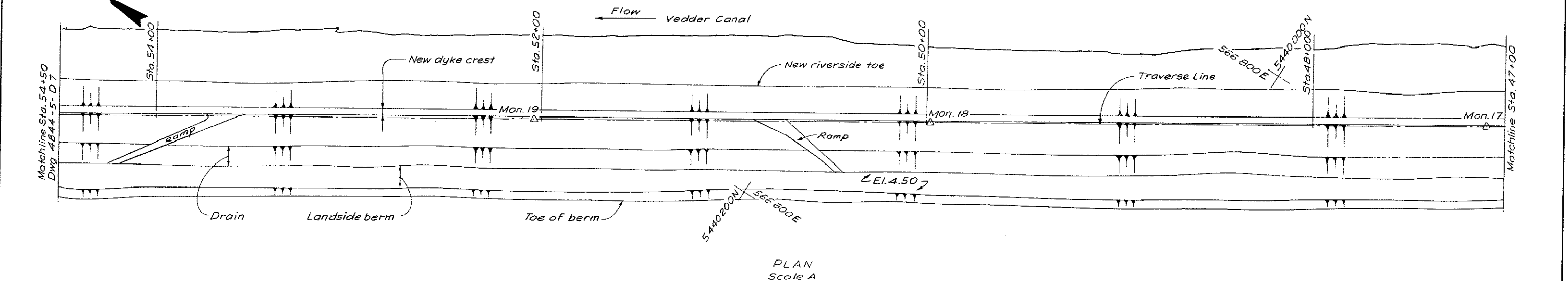
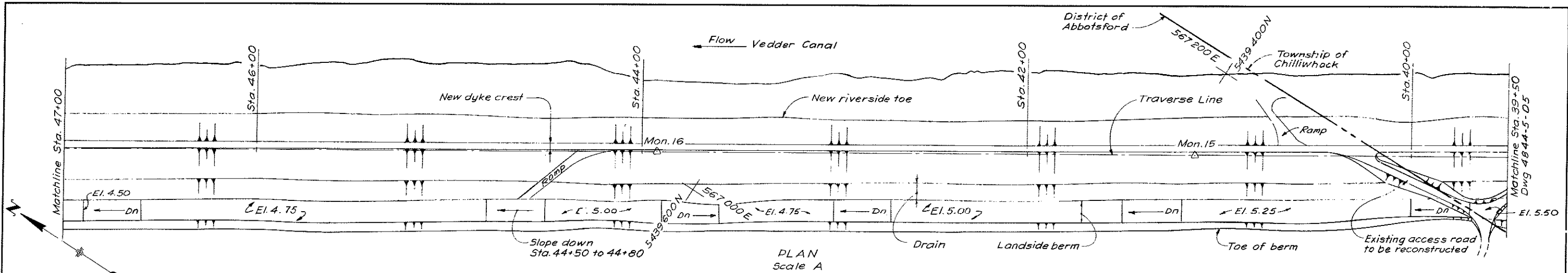
NO.	DESCRIPTION	BY	CHKD	APPR	DATE
1-3-85					

RECOMMENDED: *[Signature]* PROJECT MANAGER
DATE: **Aug 30 1978**
APPROVED: *[Signature]* DIRECTOR, WATER INVESTIGATIONS
DATE: **Sept 22 1978**

BRITISH COLUMBIA
MINISTRY OF THE ENVIRONMENT
WATER INVESTIGATIONS BRANCH
CANADA - BRITISH COLUMBIA
FRASER RIVER FLOOD CONTROL 1968 AGREEMENT

PROJECT NO. 8
DYKE REHABILITATION PLAN
STA. 24+50 TO STA. 39+50

DESIGNED: <i>[Signature]</i>	SURVEYED
DRAWN: <i>[Signature]</i>	DATE
CHECKED: <i>[Signature]</i>	FILE NO. 0281550-C24-5
SCALE: As shown	DATE: AUG. 29 1978
DWG. NO. 4844-5-D5 RI	SHEET 5 OF 10 SHEETS



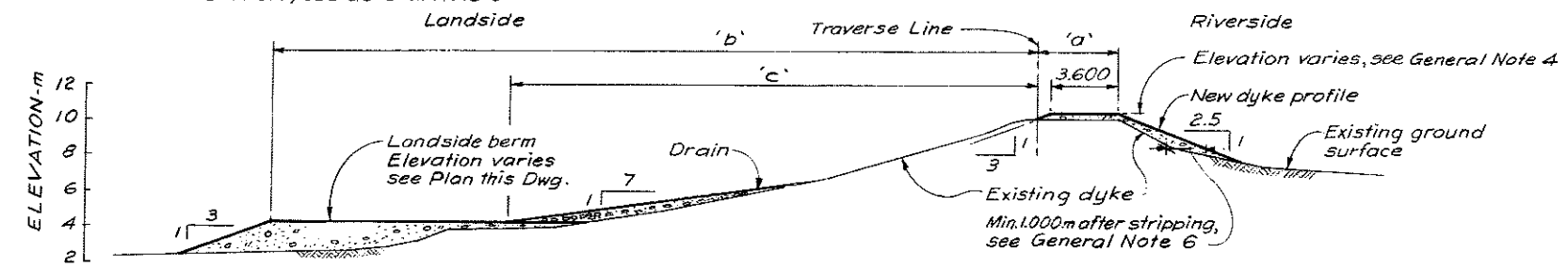
Station	39+70	40+00	40+30	40+60	40+90	41+20	41+50	41+80	42+10	42+40	42+70	43+00	43+30	43+60	43+90	44+20	44+50	44+80	45+10	45+40	45+70	46+00	46+30	46+60	46+90
Distance a(m)	5.03	5.03	5.03	5.1	5.05	5.1	5.1	5.1	5.06	5.06	5.0	5.0	4.96	4.9	4.8	4.8	4.7	4.7	4.7	4.6	4.7	4.46	4.4	4.4	
Distance b(m)	32.5	33.2	33.9	34.1	34.3	34.5	34.7	34.9	35.1	35.3	35.5	35.7	35.9	36.1	36.3	36.5	36.7	36.9	37.1	37.2	37.3	37.4	37.5	37.6	37.7
Distance c(m)	23.4	23.2	23.0	23.2	23.4	23.6	23.7	23.9	24.15	24.4	24.6	24.7	24.9	25.2	25.4	25.7	26.0	26.25	26.5	26.75	27.0	27.25	27.5	27.75	28.0

Station	47+20	47+50	47+80	48+10	48+40	48+70	49+00	49+30	49+60	49+90	50+20	50+50	50+80	51+10	51+40	51+70	52+00	52+30	52+60	52+90	53+20	53+50	53+80	54+10	54+40
Distance a(m)	4.4	4.4*	4.5	4.4	4.4	4.45	4.5	4.5	4.5*	4.5	4.53	4.58	4.57	4.57	4.61	4.64	4.67	4.65	4.68	4.7	4.7	4.78	4.5	4.46	4.44
Distance b(m)	37.8	37.9	38.0	38.1	37.9	37.7	37.5	37.3	37.1	36.9	36.7	36.7	36.7	36.7	36.7	36.7	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
Distance c(m)	28.25	28.5	28.75	29.0	28.7	28.4	28.15	27.9	28.0	28.2	28.15	28.25	28.35	28.5	28.55	28.7	28.7	28.7	28.75	28.8	28.55	28.3	28.05	27.75	27.4

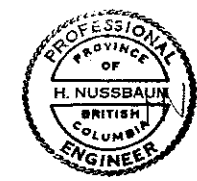
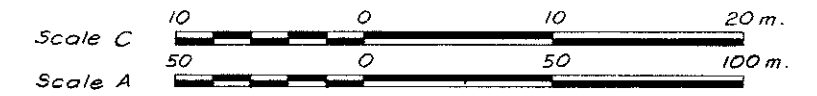
* Local cut, see General Note 6

Monument & P.I. No.	Latitude	Departure	Station
Mon. 14	5 439 132.519	567 318.359	38+07.728
Mon. 15	5 439 390.449	567 155.408	41+12.823
Mon. 16	5 439 626.667	567 006.175	43+92.235
Mon. 17	5 439 894.795	566 836.781	47+09.393
Mon. 18	5 440 138.917	566 682.553	49+98.155
Mon. 19	5 440 312.783	566 572.712	52+03.813

NOTE:
1. For General Notes see Dwg 4844-5-D2



SETTING OUT DETAILS STA. 39+50 TO STA. 54+50



CRIPPEN ENGINEERING LTD.
NORTH VANCOUVER, B.C.
PROJECT NO. 10407
DEPARTMENT HEAD: *SFH*
PROJECT ENGINEER: *SFH*
CHIEF ENGINEER: *SFH*

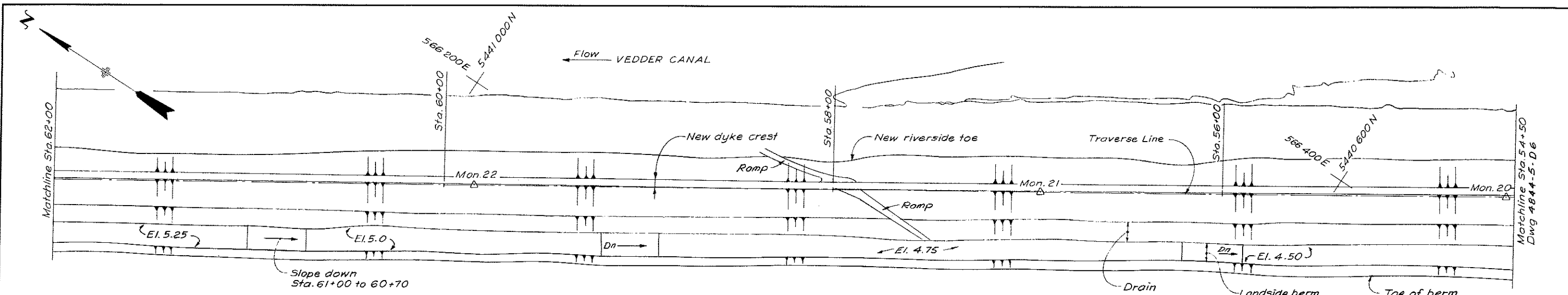
AS BUILT, INFORMATION SUPPLIED BY DEPARTMENT OF ENVIRONMENT, ABBOTSFORD OFFICE

1-3-85
BY CHD APPR DATE

RECOMMENDED: *SFH*
DATE: **Aug 30 1978**
APPROVED: *SFH*
DATE: **Sept 22/78**

BRITISH COLUMBIA
MINISTRY OF THE ENVIRONMENT
WATER INVESTIGATIONS BRANCH
CANADA - BRITISH COLUMBIA
FRASER RIVER FLOOD CONTROL 1968 AGREEMENT
PROJECT NO. 8
DYKE REHABILITATION
PLAN
STA. 39+50 TO STA. 54+50

DESIGNED: *SFH*
DRAWN: *H.N.C.*
CHECKED: *SFH*
SCALE: **As shown**
DWG. NO. **4844-5-D6R1**
SURVEYED: *SFH*
DATE: **AUG. 29 1978**
FILE NO. **0281550-C24-5**
DATE: **AUG. 29 1978**
SHEET **6** OF **10** SHEETS



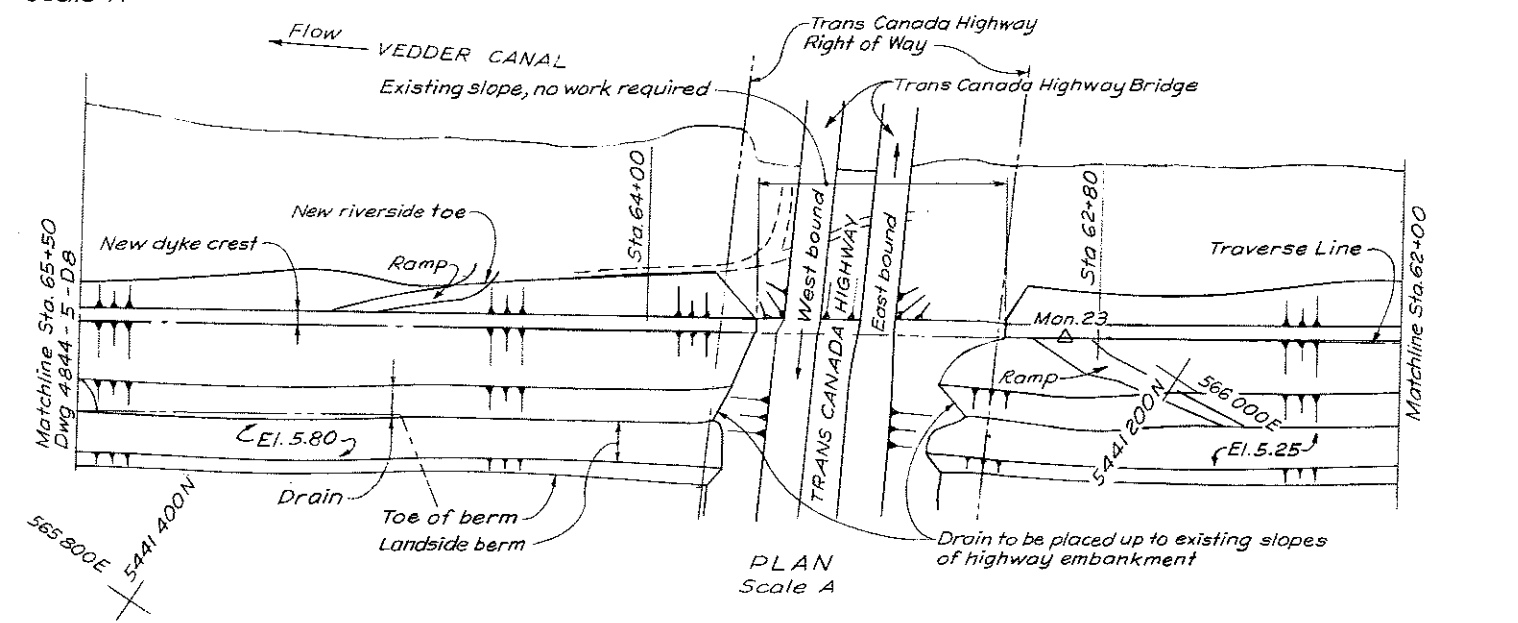
PLAN
Scale A

DYKE SCHEDULE																			
Station	54+70	55+00	55+30	55+60	55+90	56+20	56+50	56+80	57+10	57+40	57+70	58+00	58+30	58+60	58+90	59+20	59+50	59+80	60+10
Distance a(m)	4.4	4.4	4.32	4.3	4.2	4.24	4.2	4.1*	4.12	4.10	4.11*	4.03*	3.96	3.92	3.86*	3.86*	3.8*	3.8*	3.76*
Distance b(m)	36.6	36.3	36.0	35.4	35.4	35.1	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
Distance c(m)	27.3	27.15	27.0	26.8	26.6	26.4	26.2	26.0	26.15	26.2	26.25	26.3	26.25	26.1	25.8	25.5	25.2	25.0	24.6

DYKE SCHEDULE																		
Station	60+40	60+70	61+00	61+30	61+60	61+90	62+20	62+50	62+80	63+10	63+18	63+77	64+00	64+30	64+60	64+90	65+20	65+50
Distance a(m)	3.76*	3.78*	3.72*	3.70*	3.68*	3.65*	3.62*	3.64*	3.64*	-	-	3.5	3.4	3.3	3.3*	3.1	3.1*	3.0
Distance b(m)	35.0	35.0	35.0	34.9	34.8	34.7	34.5	34.5	34.5	Hwy	36.2	36.2	36.2	36.2	36.0	35.6	35.0	
Distance c(m)	24.25	24.0	23.7	23.35	23.0	23.35	23.75	24.15	24.4	24.9	Hwy	20.65	21.0	21.5	22.0	22.5	23.0	23.5

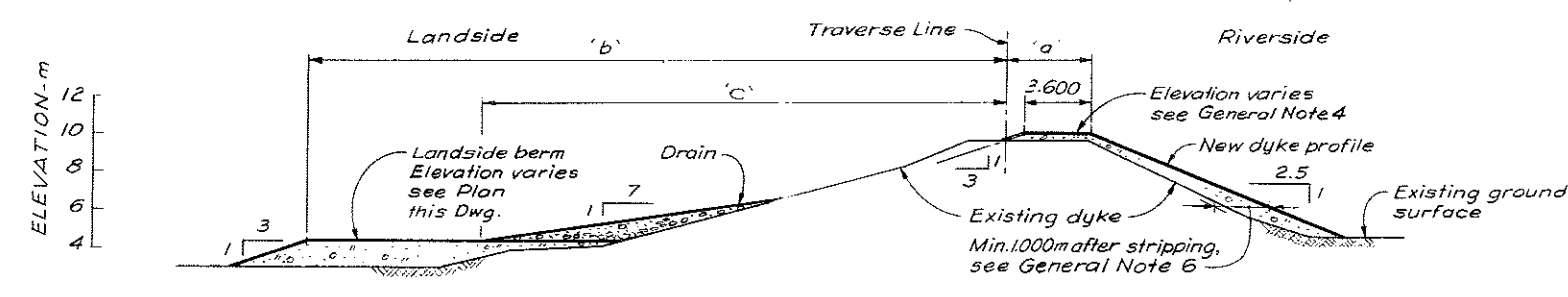
* Local cut, see General Note 6

Monument & R.I. No.	Latitude	Departure	Station
Mon. 19	5 440 312.783	566 572.712	52+03.813
Mon. 20	5 440 524.431	566 439.025	54+54.148
Mon. 21	5 440 726.814	566 311.168	56+93.539
Mon. 22	5 440 972.880	566 155.712	59+84.600
Mon. 23	5 441 230.156	565 993.150	62+88.934

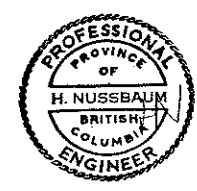


PLAN
Scale A

NOTE
1. For General Notes see Dwg 4844-5-D2



SETTING OUT DETAILS STA. 54+50 TO STA. 65+50
Scale C



CRIPPEN ENGINEERING LTD.
NORTH VANCOUVER, B.C.
PROJECT NO. 10407
DEPARTMENT HEAD: S. Hellen
PROJECT ENGINEER: S. Hellen
CHIEF ENGINEER: S. Hellen

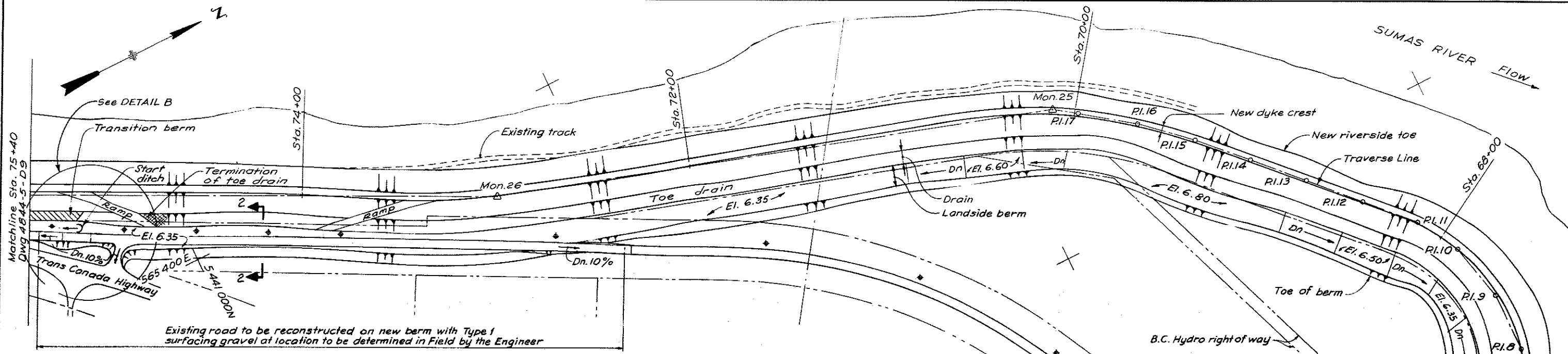
AS BUILT INFORMATION SUPPLIED BY DEPARTMENT OF ENVIRONMENT, ABBOTSFORD OFFICE

NO. 13-85
BY: CHD
APPR: DATE

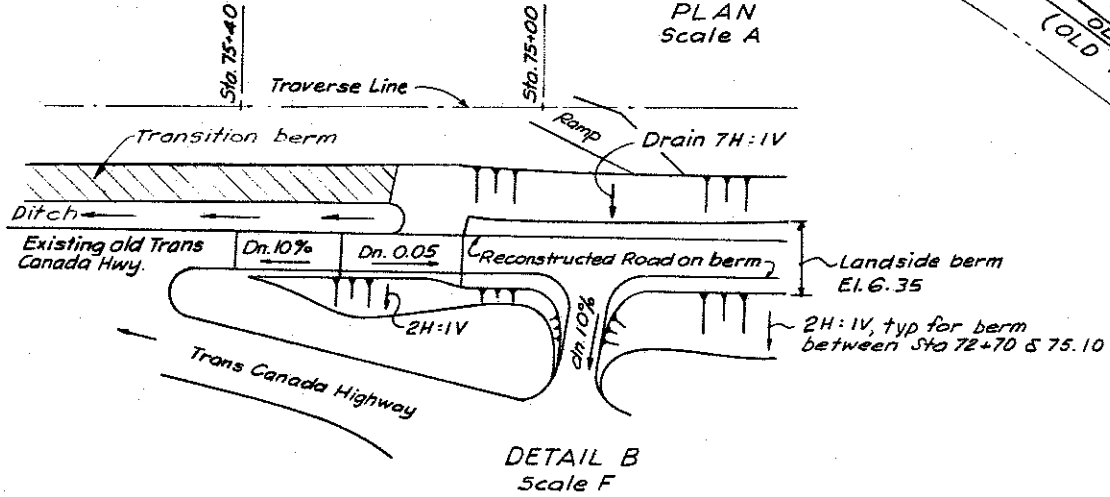
RECOMMENDED: *Bob Baker*
PROJECT MANAGER
DATE: Aug 30 1978
APPROVED: *Bob Baker*
DIRECTOR WATER INVESTIGATIONS
DATE: Sept 22/78

BRITISH COLUMBIA
MINISTRY OF THE ENVIRONMENT
WATER INVESTIGATIONS BRANCH
CANADA - BRITISH COLUMBIA
FRASER RIVER FLOOD CONTROL 1968 AGREEMENT
ABBOTSFORD PROJECT
PROJECT NO. 8
DYKE REHABILITATION
PLAN
STA. 54+50 TO STA. 65+50

DESIGNED: *S. Hellen*
DRAWN: H.N.C.
CHECKED: SPH
SCALE: As shown
DWG. NO. 4844-5-D7 RI
SURVEYED: DATE
FILE NO. 0281550-C24-5
DATE: AUG. 29 1978
SHEET 7 OF 10 SHEETS

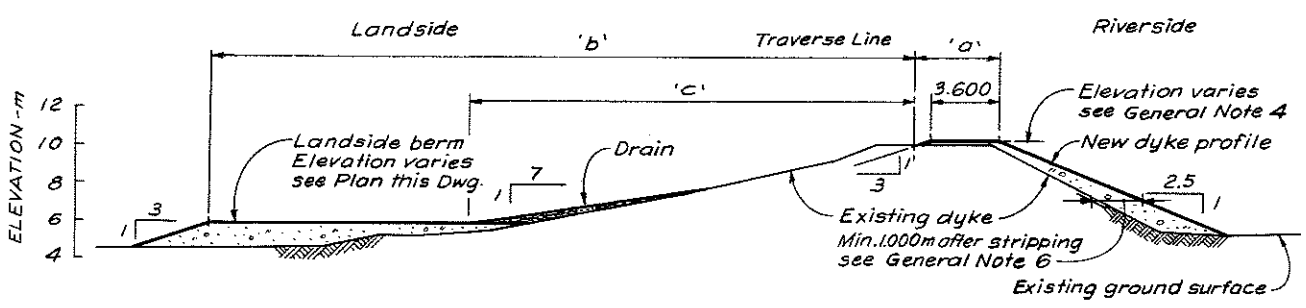


Monument & P.I. No.	Latitude	Departure	Station
Mon. 23	5 441 230.156	565 993.150	62+88.934
Mon. 24	5 441 559.857	565 787.117	66+77.715
P.I. 7	5 441 580.225	565 765.075	67+07.727
P.I. 8	5 441 587.415	565 745.920	67+28.187
P.I. 9	5 441 587.783	565 715.151	67+58.958
P.I. 10	5 441 580.498	565 685.368	67+89.619
P.I. 11	5 441 568.191	565 663.694	68+14.543
P.I. 12	5 441 547.367	565 641.220	68+45.182
P.I. 13	5 441 526.576	565 618.790	68+75.766
P.I. 14	5 441 505.573	565 596.444	69+06.433
P.I. 15	5 441 484.613	565 574.135	69+37.044
P.I. 16	5 441 461.986	565 553.727	69+67.515
P.I. 17	5 441 437.338	565 535.215	69+98.341
Mon. 25	5 441 426.346	565 527.867	70+11.563
Mon. 26	5 441 151.867	565 439.760	72+99.871



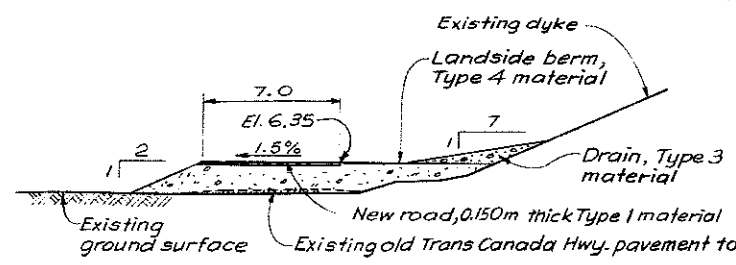
Station	DYKE SCHEDULE																																
	65+80	66+10	66+40	66+70	67+00	67+30	67+60	67+90	68+20	68+50	68+80	69+10	69+40	69+70	70+00	70+30	70+60	70+90	71+20	71+50	71+80	72+10	72+40	72+70	73+00	73+30	73+60	73+90	74+20	74+50	74+80	75+10	75+40
Distance a(m)	2.7	2.3	2.0	1.7	3.1	2.8	4.65	4.65	4.55	4.25	3.75	3.28	3.2	4.0	2.95	4.6	6.4	5.9	5.5	5.1	4.7	4.3	3.9	3.5	4.1	2.8	3.3	3.9	4.5	5.1	5.7	5.9	6.2
Distance b(m)	-	33.6	30.7	33.7	33.3	34.2	29.0	29.5	31.9	32.0	32.1	32.1	31.9	31.1	31.1	29.7	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	29.0	28.6	28.25	27.9	27.5	27.1	26.75	26.4	10.25
Distance c(m)	-	20.4	20.9	21.45	22.5	23.05	19.0	18.5	18.6	18.5	18.35	18.05	18.0	17.75	18.7	17.2	15.9	15.95	16.0	16.05	16.1	16.6	17.1	17.4	17.0	19.05	19.0	17.8	16.5	16.0	15.5	15.0	-

* Local cut, see General Note 6



SETTING OUT DETAILS STA. 65+50 TO STA. 75+40

Scale C

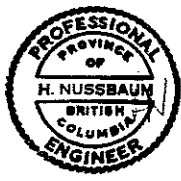
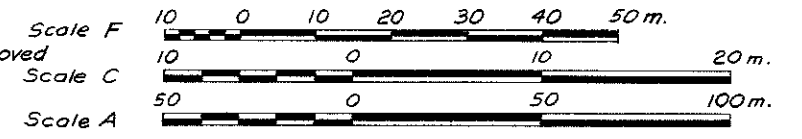


SECTION 2
RECONSTRUCTION OF PART OF OLD TRANS-CANADA HIGHWAY ON LANDSIDE BERM

Scale C

NOTE

1. For General Notes see Dwg 4844-5-D2



CRIPPEN ENGINEERING LTD.
NORTH VANCOUVER, B.C.
PROJECT NO. 10497

DEPARTMENT HEAD: *E. Hillen*

PROJECT ENGINEER: *[Signature]*

CHIEF ENGINEER: *[Signature]*

AS BUILT, INFORMATION SUPPLIED BY DEPARTMENT OF ENVIRONMENT, ABBOTSFORD OFFICE

NO.	DESCRIPTION	BY	CHKD	APPR	DATE
1					

RECOMMENDED *[Signature]* PROJECT MANAGER

DATE: **Aug 30 1978**

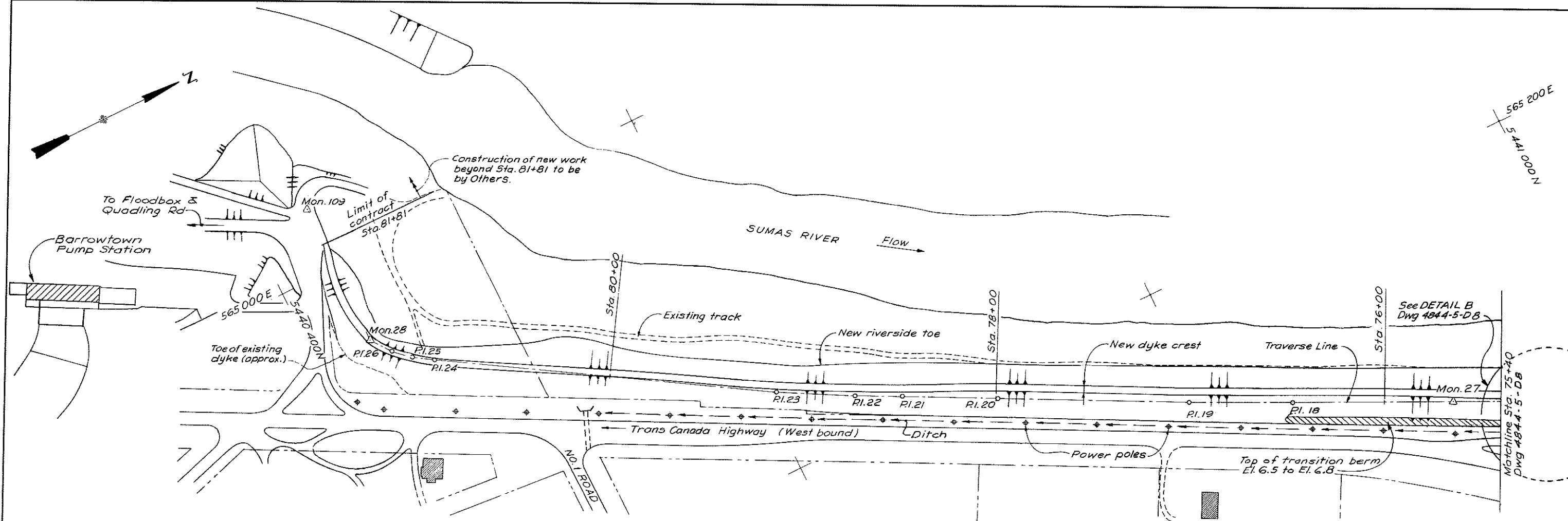
APPROVED *[Signature]* DIRECTOR, WATER INVESTIGATIONS

DATE: **Sept 20 1978**

BRITISH COLUMBIA
MINISTRY OF THE ENVIRONMENT
WATER INVESTIGATIONS BRANCH
CANADA - BRITISH COLUMBIA
FRASER RIVER FLOOD CONTROL 1968 AGREEMENT

PROJECT NO. 8
DYKE REHABILITATION
PLAN
STA. 65+50 TO STA. 75+40

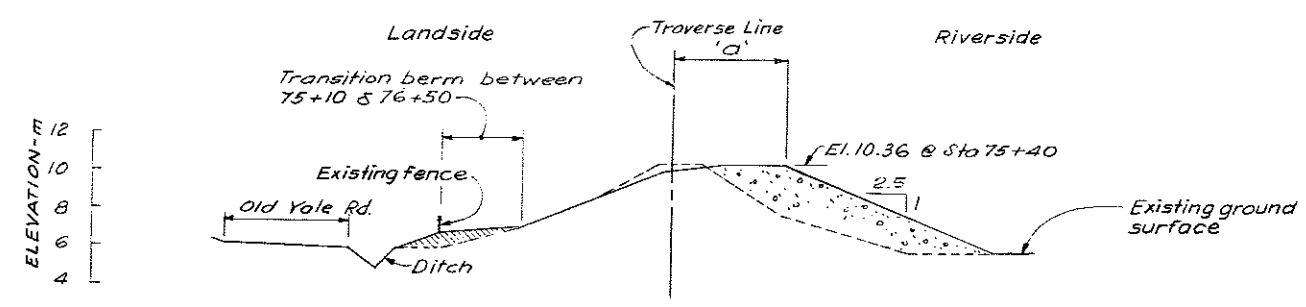
DESIGNED	SURVEYED
<i>[Signature]</i>	
DRAWN <i>[Signature]</i>	DATE
CHECKED <i>[Signature]</i>	FILE NO. 0281550-C24-5
SCALE As shown	DATE AUG. 29 1978
DWG. NO. 4844-5-DB R1	SHEET 8 OF 10 SHEETS



PLAN
Scale A

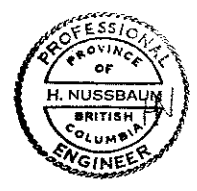
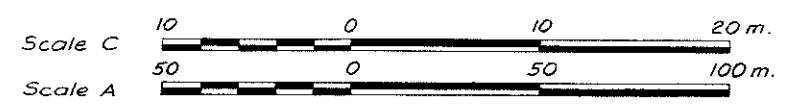
DYKE SCHEDULE																						
Station	75+70	76+00	76+30	76+60	76+90	77+20	77+50	77+80	78+10	78+40	78+70	79+00	79+30	79+60	79+90	80+20	80+50	80+80	81+10	81+40	81+70	81+81
Distance a	6.5	6.7	6.9	7.2	7.5	7.7	7.45	7.2	7.0	7.0	6.9	6.5	6.4	5.6	4.7	3.8	3.0	2.3	2.0	2.7	4.2	4.8

Monument & P.I. No.	Latitude	Departure	Station
Mon. 26	5 441 151.867	565 439.760	72+99.871
Mon. 27	5 440 915.973	565 320.220	75+64.331
P.I. 18	5 440 841.410	565 292.987	76+47.673
P.I. 19	5 440 794.064	565 259.514	77+00.518
P.I. 20	5 440 706.962	565 213.277	77+99.132
P.I. 21	5 440 663.187	565 190.195	78+48.619
P.I. 22	5 440 641.674	565 179.020	78+72.862
P.I. 23	5 440 606.119	565 159.035	79+13.648
P.I. 24	5 440 455.462	565 065.136	80+91.172
P.I. 25	5 440 445.757	565 058.745	81+02.792
P.I. 26	5 440 437.714	565 051.038	81+13.931
Mon. 28	5 440 430.220	565 041.304	81+26.216
Mon. 109	5 440 430.449	564 966.357	82+01.163



SETTING OUT DETAILS STA. 75+40 TO STA. 81+81
Scale C

NOTE:
1. For General Notes see Dwg 4844-5-D2



CRIPPEN ENGINEERING LTD.
NORTH VANCOUVER, B.C.
PROJECT NO. 10407

DEPARTMENT HEAD: *S. Hillier*
PROJECT ENGINEER: *[Signature]*
CHIEF ENGINEER: *[Signature]*

NO.	DESCRIPTION	BY	CHKD	APPR	DATE
1	Dyke schedule & Plan at Sta 81+40 to 81+81 adjusted	HNC			1-3-85
2	AS BUILT, INFORMATION SUPPLIED BY DEPARTMENT OF ENVIRONMENT, ABBOTSFORD OFFICE				11/1/79

RECOMMENDED: *[Signature]* PROJECT MANAGER
DATE: **Aug 30 1978**
APPROVED: *[Signature]* DIRECTOR, WATER INVESTIGATIONS
DATE: **Sept 22/78**

BRITISH COLUMBIA
MINISTRY OF THE ENVIRONMENT
WATER INVESTIGATIONS BRANCH
CANADA-BRITISH COLUMBIA
FRASER RIVER FLOOD CONTROL 1968 AGREEMENT

PROJECT NO. R
DYKE REHABILITATION PLAN
STA. 75+40 TO STA. 81+81

DESIGNED	SURVEYED
<i>[Signature]</i>	
DRAWN: H.N.C.	DATE:
CHECKED: <i>[Signature]</i>	FILE NO: 0281550-C24-5
SCALE: As shown	DATE: AUG. 29 1978
DWG. NO. 4844-5-D9R2	SHEET 9 OF 10 SHEETS

