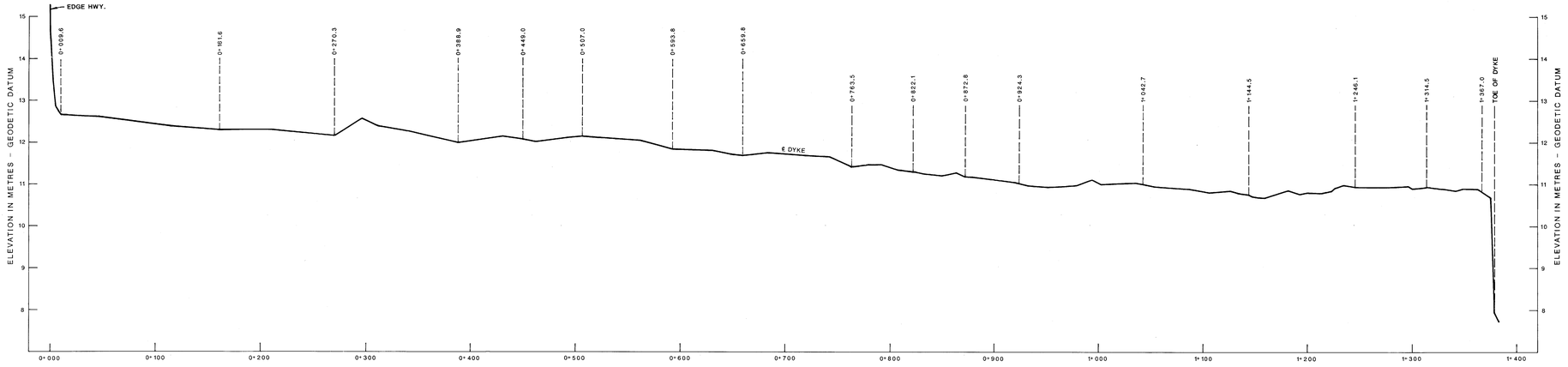
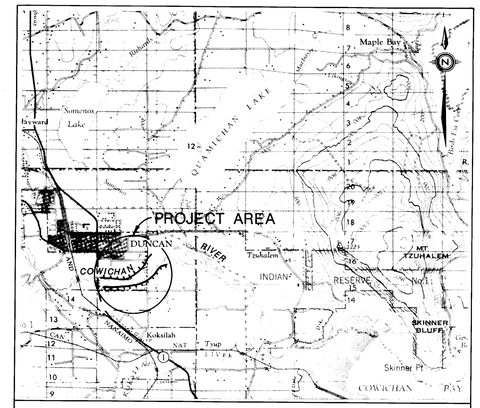
89-28-1



COWICHAN RIVER LEFT BANK DYKING

CENTRELINE PROFILE

SCALE HORIZ. 1:2000
VERT. 1:50

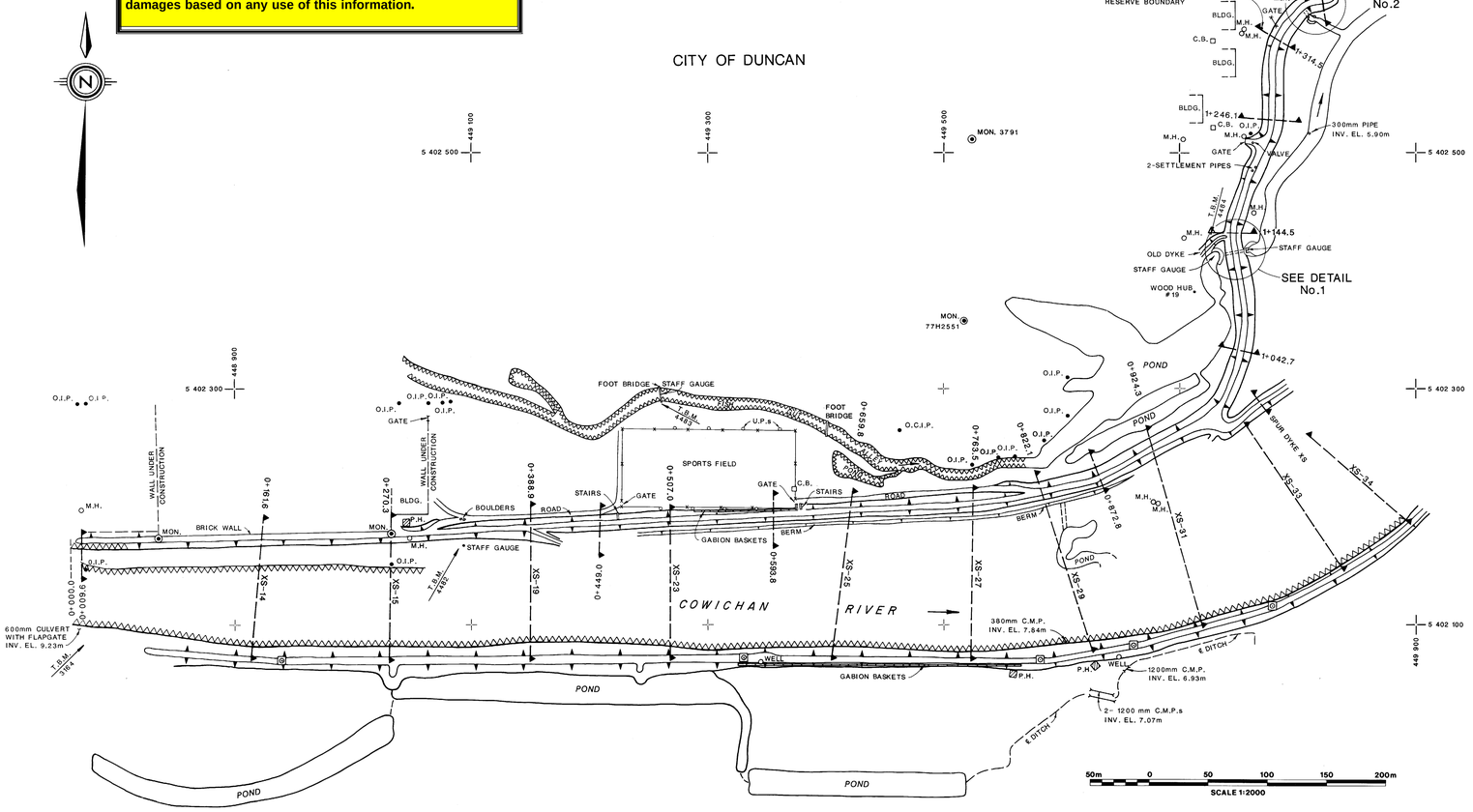


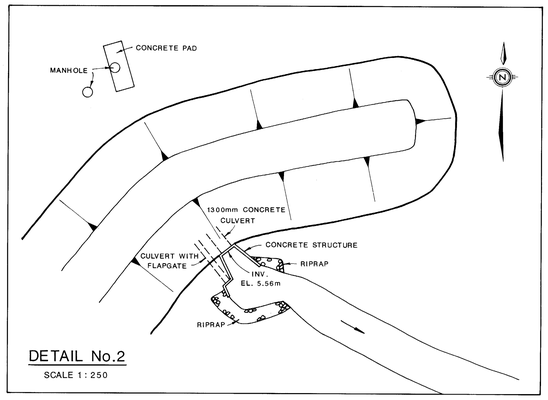
KEY MAP
SCALE 1:50 000

NOTE:

This information is considered historical as it represents channel conditions and configuration at the time of the survey only. User must accept responsibility of ensuring that the accuracy and completeness of provided data is suitable for the needs of the project or study. It is provided "as is" without warranty of any kind, whether express or implied. Under no circumstances will the Government of British Columbia be liable to any person or business entity for any direct, indirect, special, incidental, consequential, or other damages based on any use of this information.

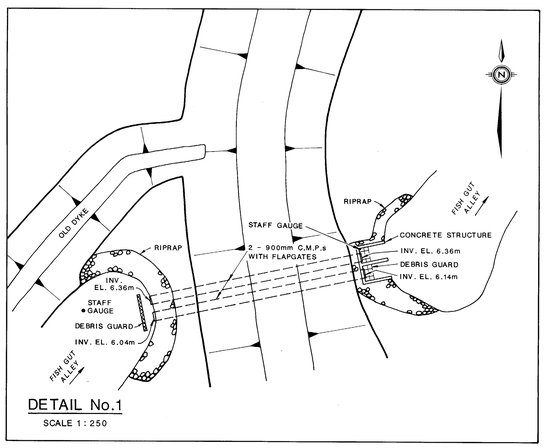
CITY OF DUNCAN





DETAIL No.2

SCALE 1:250



DETAIL No.1

SCALE 1:250

NOTES

1) This plan was prepared by the Ministry of Environment, Province of British Columbia.

2) SURVEY DATA:
   a) Field surveys were carried out by the Surveys Section, Water Management Branch.
   b) Horizontal control was established by EDM traverse using a total station theodolite.
   c) Vertical control was established by differential levelling.
   d) Cross section and topographic data were obtained using a total station theodolite. Dyke detail shown on the right bank (south of river) was obtained under Project No. 83RPP-6.
   e) Structural details were obtained with chain and level.

3) DATUM:
   a) Horizontal control is based on British Columbia Control Survey POST 3791 and POST 77H2551 established by Surveys and Resource Mapping Branch, from Data Bank listing dated June 1988.
   b) Vertical control is based on POST 3791 and Temporary Bench Mark 3461 established by Water Management Branch under Project 83RPP-6 from Bench Mark 72C-015 established by Geodetic Survey of Canada as listed in Vertical Control Data publication Quad. No. 48123, Revision 2, October 1973.

c) Coordinates are Universal Transverse Mercator, Zone 10, Central Meridian 123 degrees, NAD 1927.
d) Elevations are in metres and referred to Canadian Geodetic datum.

4) FIELD BOOKS:
Survey data are recorded on disc labelled 2495-D and Field Book No. 2495

5) REFERENCE POINTS:
a) BC Control Survey

	Northing	Easting	Elevation
POST 3791	5 402 510.199	449 523.305	8.025
POST 77H2551	5 402 356.596	449 517.413	8.614

b) Water Management Branch (Temporary Bench Marks)

	Elevation
TBM 3164	12.277
TBM 4482	9.846
TBM 4483	8.878
TBM 4484	8.022

LEGEND

C.B. - Catch Basin
M.H. - Manhole
P.H. - Pump House
C.M.P. - Corrugated Metal Pipe

LEGEND

- △ TRIANGULATION STATION
- ◉ REFERENCE MONUMENT (P. CON. or P. ROCK)
- ←T.B.M. TEMPORARY BENCH MARK
- ⊙ TEMPORARY REFERENCE POINT
- ===== ROAD, ----- TRAIL, ~~~ CREEK,
- ~~~ CREEK INTERMITTENT, (≈) SWAMP
- BASIN, SUB BASIN
- ○⟶ AIR PHOTO CENTER

STORAGE LICENCES

LICENCE	PRIORITY DATE	AUTHORIZED ACRE-FEET	DEVELOPED ACRE-FEET

REFERENCES

DWG. No.	DESCRIPTION	DATE

REVISIONS

No.	DESCRIPTION	DATE

SURVEYED T. DIGNAN
DATE AUG. 1988
COMPILED K. SINCLAIR
CHECKED M.H. Faherty
DATE SEPT. 1989
DRAWN
APPROVED
HEAD, DRAFTING SECTION
DATE MARCH 1989
ENGINEER

Province of British Columbia
Ministry of Environment
WATER MANAGEMENT BRANCH

COWICHAN RIVER AT DUNCAN

PLAN SHOWING LOCATIONS OF CROSS SECTIONS AND DYKE PROFILE

APPROVED Frank R. Schnobrich
HEAD, SURVEYS SECTION
DATE SEPT. 1989

FILE No:
Branch
SURVEY PROJECT No. 88-RPP-8
NTS Map No.
Map Scale
SCALE 1:2000 AND AS NOTED
NEGATIVE No. 272581
DRAWING No. 89-28-1
SHEET of

DD