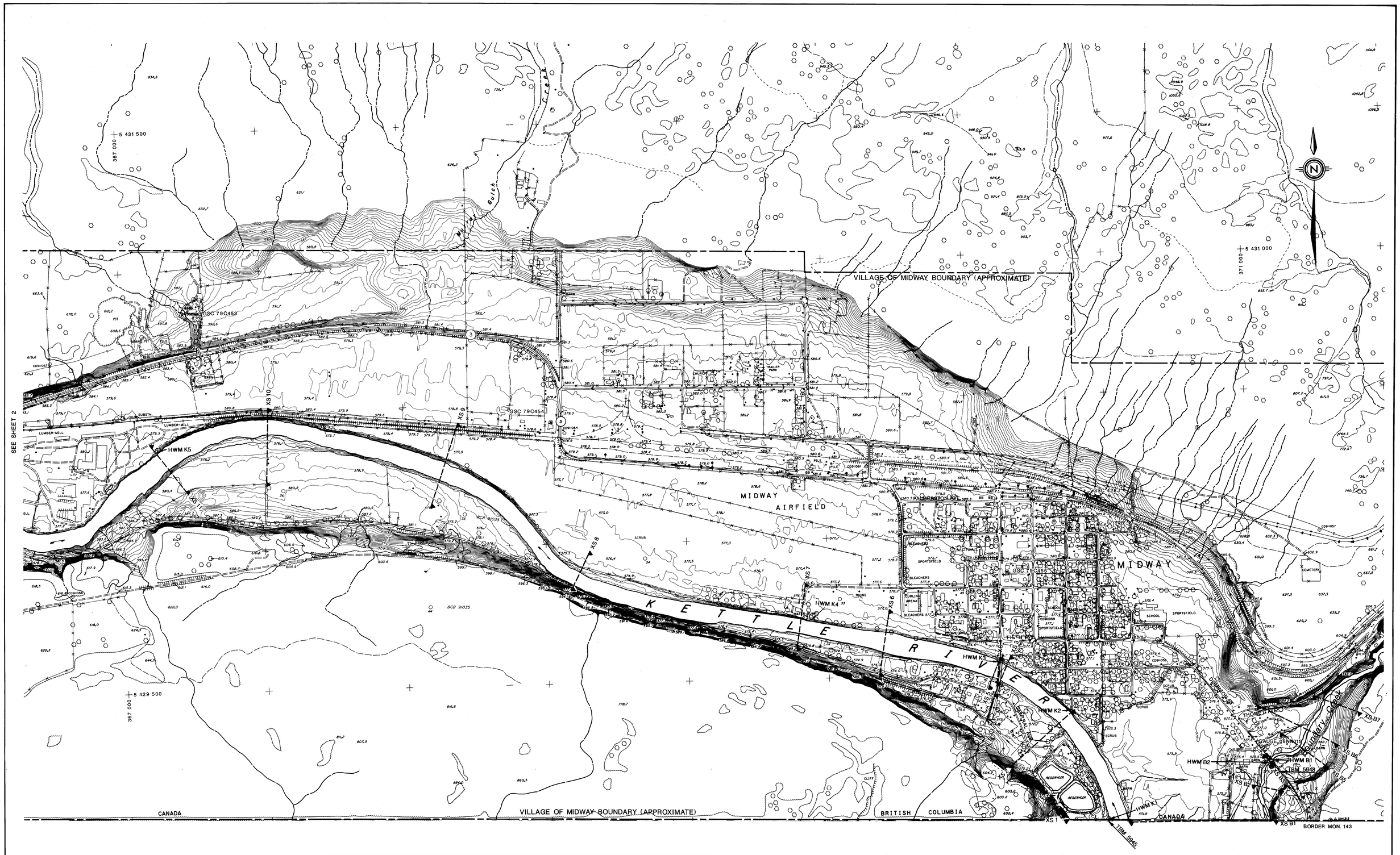


NOTES

1) This plan has been prepared by the Ministry of Environment, Lands and Parks, Province of British Columbia.

2) SURVEY DATA:
   a) Field surveys carried out by the Technical Surveys Section, Hydrology Branch, Water Management Program.
   b) Horizontal control established by EDM traverse using total station theodolite.
   c) Vertical control established by differential levelling in combination with reciprocal height traversing using total station theodolite.
   d) Cross section and topographic data obtained using total station theodolite.
   e) Global Positioning System (GPS) ties along traverse obtained using Magellan ProMark V (Carrier Phase Differential) and processed using BCACS–Penticton.

3) DATUM:
   a) Horizontal control of cross sections based on British Columbia Control Survey Post Border Monument 143.
   b) Coordinates are Universal Transverse Mercator, Zone 11, NAD83.
   c) Vertical Control based on British Columbia Control Survey Bench Marks as obtained from Surveys and Resource Mapping Branch listing dated May 12, 1995 and Geodetic Survey of Canada Bench Marks, quadrant #49118, revision #2, October 1982, and quadrant #49119, revision #4, April 1988.
   d) Elevations in metres and referred to Geodetic Survey of Canada datum – CVD28.

4) MAPPING:
   Compilation of B. C. Geographic System mapsheets produced by Lands Services Division, Surveys and Resource Mapping Branch (SRMB), Topo/GIS Section, Project #90–064, dated Feb/Mar 1993. Mapping produced at Scale 1:5000, from April 1991 air photography.
   a) Contour interval of 1 metre and greater; spot elevations shown to 0.1 metres, with accuracy to +\- 0.3 metres, except where noted. Contact SRMB for further details on base mapping specifications.
   b) Grid origin referred to U.T.M. Projection Zone 11, NAD83.

5) FIELD BOOKS:
   Survey data are recorded on disc labelled 2657D and Field Book # 2657–L1.

6) REFERENCE POINTS:
   a) Geodetic Survey of Canada

Bench Mark	Elevation
GSC 426 J	583.840
GSC 79C455	579.941
GSC 79C454	578.926
GSC 79C453	593.855

   b) B.C. Control Survey

Bench Mark	Elevation
Border Mon 143	627.478

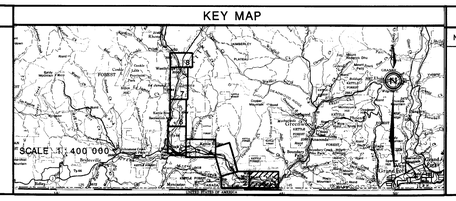
   c) Hydrology Branch–Water Management Program

Temporary Bench Mark	Elevation
TBM 5945	571.475
TBM 5948	577.523

LEGEND

- REFERENCE POINT
- T.B.M. TEMPORARY BENCH MARK
- AIR PHOTO CENTRE
- WATER SURVEY OF CANADA GAUGE
- HWM HIGH WATER MARK

KEY MAP



REVISIONS

No.	DESCRIPTION	DATE

SURVEYED B. BOYD
DATE SEPT. 1995
COMPILED
CHECKED
DATE 96/04/25
DRAWN
APPROVED
DATE
ENGINEER

Province of British Columbia
Ministry of Environment, Lands and Parks
WATER MANAGEMENT PROGRAM

FLOODPLAIN MAPPING PROGRAM

KETTLE RIVER
MIDWAY – ROCK CREEK – WESTBRIDGE
PLAN
SHOWING LOCATION OF CROSS SECTIONS

APPROVED
MANAGER, TECHNICAL SURVEYS SECTION
DATE 96/04/25

FILE Nos.
Branch
SURVEY PROJECT No. 95 10 F 080
NTS Map No. 82E
Map Scale
SCALE 1:5000
NEGATIVE NO.
DRAWING No. 96-5-1
TOTAL No. OF DWGS. 8