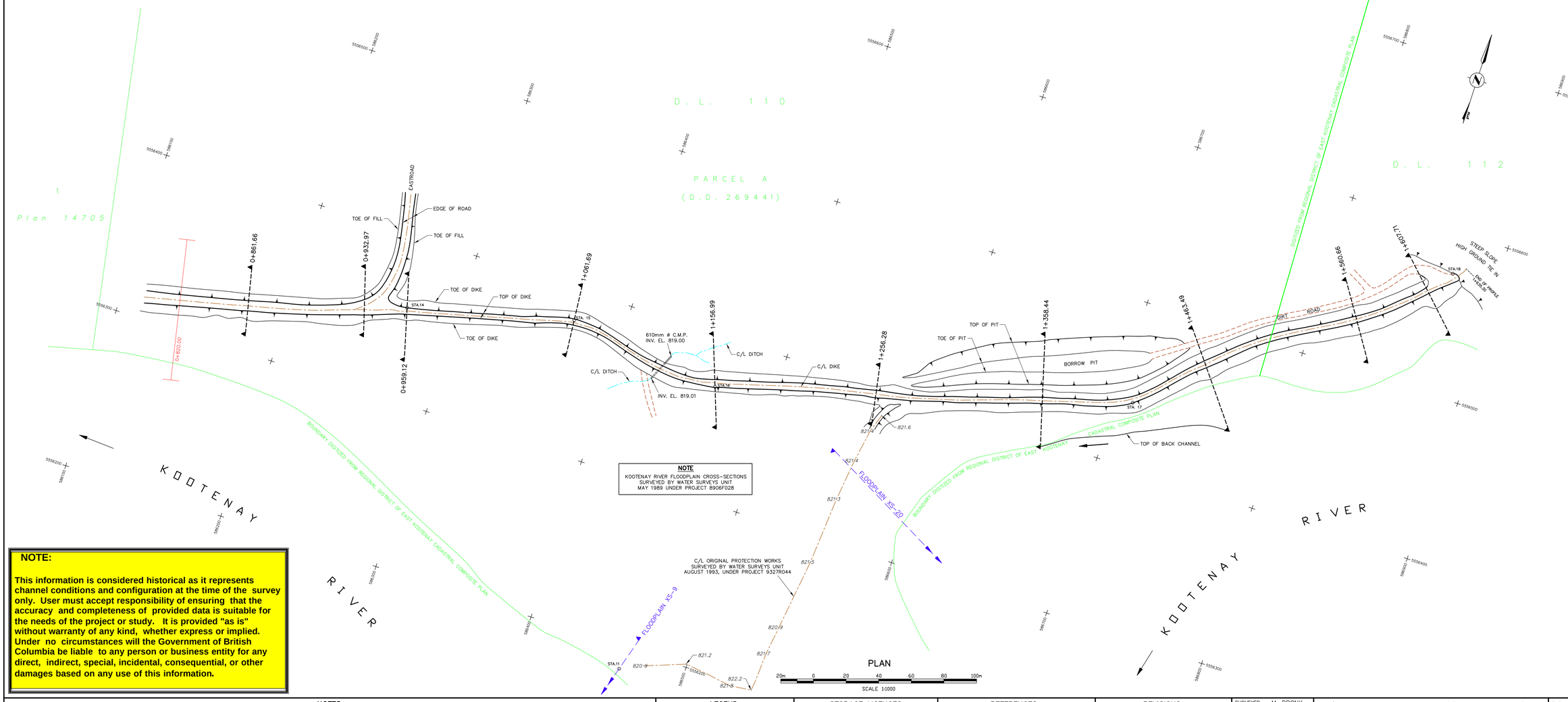


PART PROFILE AT C/L DIKE

SCALE
HORIZ. 1:1000 VERT. 1:100



NOTE
KOOTENAY RIVER FLOODPLAIN CROSS-SECTIONS
SURVEYED BY WATER SURVEYS UNIT
MAY 1989 UNDER PROJECT 8906F028

PLAN

20m 0 20 40 60 80 100m
SCALE 1:1000

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.

NOTES

1) This plan prepared by the Ministry of Environment, Lands and Parks, Province of British Columbia.
2) SURVEY DATA:
   a) Field surveys carried out by Water Surveys Unit, Water Inventory Section, Resources Inventory Branch.
   b) Horizontal control established by EDM traverse using a total station theodolite.
   c) Vertical control established by reciprocal height traversing using a total station theodolite.
   d) Position control for bathymetry established by fixes using a total station theodolite set over a coordinated shore station.
   e) Subaqueous depths obtained with an echo sounding depth recorder.
   f) Cross sections, profiles, topography, planimetric data and cadastral ties obtained using a total station theodolite.
3) DATUM:
   a) Horizontal control based on temporary reference points 2, 4 and 11 established by Water Surveys Unit in May 1989 under Project 8906F028. U.T.M. Coordinates for 1998 survey traverse stations computed using NAD27 Datum and converted to NAD83 Datum with National Transformation Version 2.0 software.
   c) Coordinates are Universal Transverse Mercator, Zone 11, Central Meridian 117 degrees, NAD83.
   d) Vertical control based on temporary reference points 2, 4 and 11 established by Water Surveys Unit in May 1989 under Project 8906F028.
   e) Elevations are in metres and referred to Canadian Geodetic Datum, CVD28.
4) CADASTRAL:
   a) Lot boundaries shown are for reference only and NOT to be accepted as their legal position on the ground.
   b) Lot boundaries shown are a compilation of registered survey plans NEP14705, NEP5402 and R/W plan R348 from the Land Title office in Nelson and digitized from Regional District of East Kootenay cadastral composite plan.
5) FIELD BOOKS:
   Survey data recorded on disc labelled 2689 and in Field Book No. 2689F.
6) TEMPORARY REFERENCE POINTS:

Station	Northing	Easting	Elevation
11 (BOLT)	5556186.552	586461.195	820.712
14 (BOLT)	5556356.725	586269.163	821.067
15 (BOLT)	5556381.217	586368.981	821.373
16 (BOLT)	5556369.013	586463.736	821.397
17 (BOLT)	5556438.932	586710.381	822.643
18 (BOLT)	5556574.760	586872.675	823.357

7) REFERENCE POINT: DWG. 99-3-1

Bench Mark	Elevation
WRS Mon. 1153	825.440

LEGEND

- REFERENCE POINT
- TEMPORARY REFERENCE POINT
- O.I.P. CADASTRAL MARKER (e.g. Old Iron Pin)
- U.P. UTILITY POLE
- RIPRAP
- 820·9 ELEVATION CREST PROTECTION WORKS

STORAGE LICENCES

LICENCE	PRIORITY DATE	AUTHORIZED ACRE-FEET	DEVELOPED ACRE-FEET

REFERENCES

DWG. No.	DESCRIPTION	DATE
99-3-1	PLAN AND PROFILE (AS CONSTRUCTED) DIKE	SEPT. 1999
99-3-3	(AS CONSTRUCTED) DIKE CROSS SECTIONS	SEPT. 1999
99-3-4	(AS CONSTRUCTED) DIKE CROSS SECTIONS	SEPT. 1999
89-41-2	KOOTENEY RIVER – COLUMBIA LAKE FLOODPLAIN MAPPING	SEPT. 30, 1991

REVISIONS

No.	DESCRIPTION	DATE

SURVEYED M. PRONK
DATE JULY 1998
COMPILED B. EDWARD
CHECKED
DATE
DRAWN B. WOODS
APPROVED
DATE SEPT. 1999
ENGINEER

Province of British Columbia
Ministry of Environment, Lands and Parks
RESOURCES INVENTORY BRANCH
OPERATIONS SUB-SECTION

KOOTENAY RIVER AT CANAL FLATS
PLAN AND PROFILE (AS CONSTRUCTED) DIKE 0+820 TO 1+635.30

APPROVED Mike Pronk
HEAD, WATER SURVEYS UNIT, WATER INVENTORY SECTION
DATE NOV. 12, 1999

FILE Nos.
Branch
SURVEY PROJECT No. 9808S008
NTS
Map No. 82J/4
Map Scale 1:50,000
SCALE AS SHOWN
DRAWING No. 99-3-2
TOTAL No. OF DWGS. 4

DDs