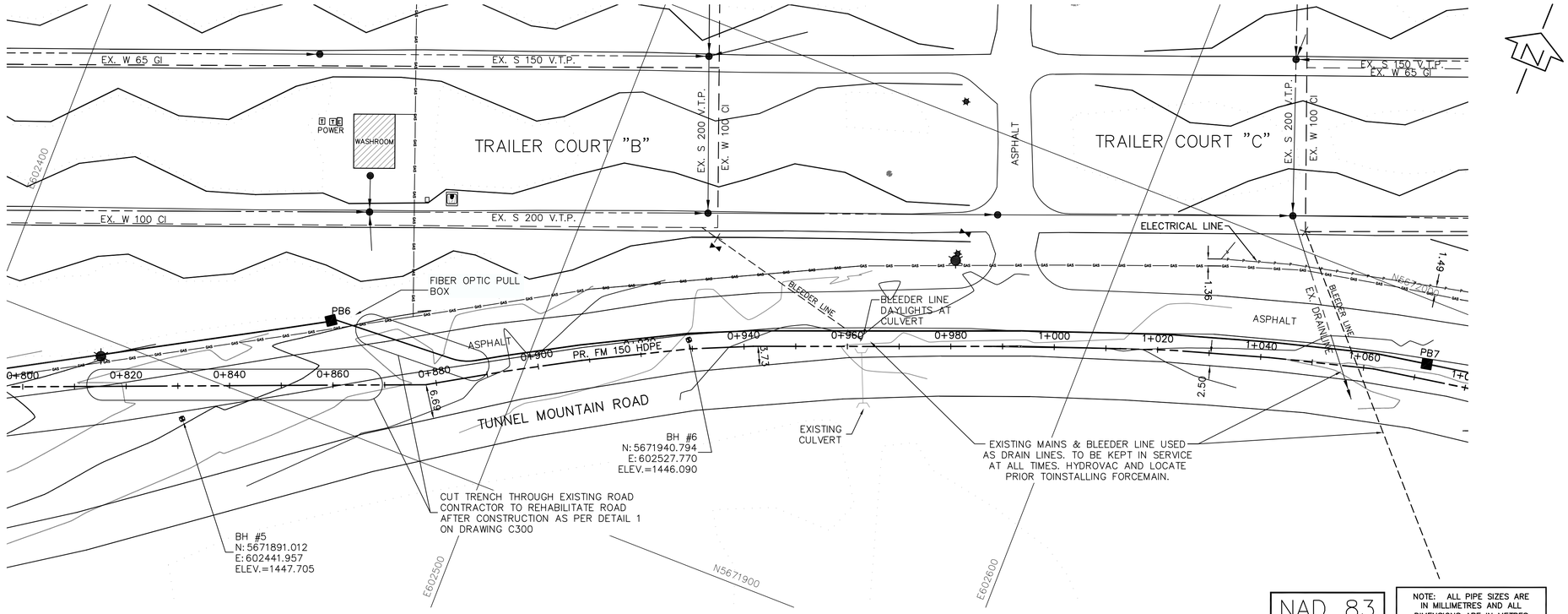
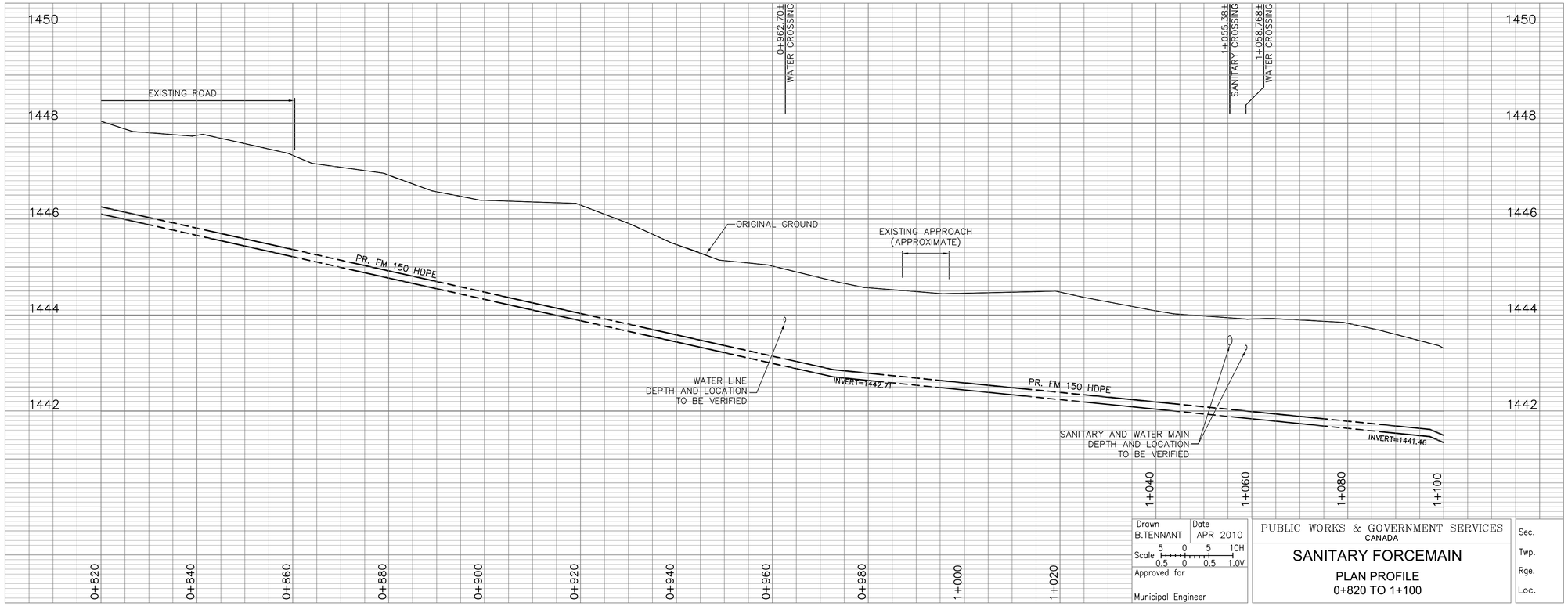


NAD 83
COORDINATES

NOTE: ALL PIPE SIZES ARE IN MILLIMETRES AND ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.



Drawn	Date
B.TENNANT	APR 2010

Scale 5 0 5 10H / 0.5 0 0.5 1.0V

Approved for

Municipal Engineer

PUBLIC WORKS & GOVERNMENT SERVICES CANADA

SANITARY FORCEMAIN

PLAN PROFILE
0+820 TO 1+100

Sec.
Twp.
Rge.
Loc.

MMM GROUP
MMM Group Limited
5151 3rd Street S.E.
Calgary, Alberta T2H 2X6
phone: 403-269-7440
fax: 403-269-7422
www.mmm.ca

C204

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

Consultant / Conseiller

MMM GROUP
MMM Group Limited.
5151 - 3rd Street S.E.
Calgary, AB T2H 2X6
t.403 269 7440
f.403 269 7422
www.mmm.ca

Client / Client

Parks Canada Agency / L'Agence Parcs Canada

NOTE:
A MINIMUM DEPTH OF BURY OF 1.5m OVER THE SANITARY FORCEMAIN IS TO BE MAINTAINED AT ALL TIMES.

LEGEND:

- PROP. SANITARY FORCEMAIN
- FIBER OPTIC PULL BOX
- EX. SANITARY SEWER & TYPE 5A MANHOLE
- AB. SANITARY SEWER & TYPE 5A MANHOLE
- EX. WATERMAIN & VALVE
- AB. WATERMAIN & VALVE
- EX. GAS LINE
- AB. GAS LINE
- EX. POWER LINE
- MAJOR CONTOURS (50.00)
- MINOR CONTOURS
- TREES/TREELINE
- LIGHT POLE
- BOREHOLES
- STANDPIPE
- CURB STOP
- WATERLINE HEATING CORD IN ACCESS BOX
- EX. TRAILER OUTLET PEDESTAL
- EX. DISTRIBUTION SERVICE VAULT
- EX. PAD MOUNT TRANSFORMER AND ENCLOSURES

UTILITY ABBREVIATIONS:

W	= WATER LINE
S	= SANITARY SEWER
FM	= SANITARY FORCEMAIN
PR.	= PROPOSED PIPE
EX.	= EXISTING PIPE
AB.	= ABANDONED PIPE
GS	= GALVANIZED STEEL PIPE
GI	= GALVANIZED IRON PIPE
CI	= CAST IRON PIPE
DI	= DUCTILE IRON PIPE
V.T.P.	= VICTAULIC PIPE

PRELIMINARY
DO NOT USE FOR CONSTRUCTION

REVISIONS	DESCRIPTION	DATE
H	ISSUED FOR TENDER	2013/06/14
G	ISSUED FOR APPROVAL	2013/05/21
F	99% RE-SUBMITTAL	2012/03/15
E	ADDED GAS LINE SURVEY	2011/08/29
D	99% SUBMITTAL	2011/06/21
C	66% SUBMITTAL	2011/03/31
B	33% SUBMITTAL	2010/07/02
A	PRELIMINARY	2010/04/21

A detail number / number du detail
B source drawing no. / de dessin no.
C detail on drawing no. / detail sur dessin no.

project title / titre du projet
TUNNEL MOUNTAIN CAMPGROUND IMPROVEMENTS

BANFF NATIONAL PARK

drawing title / titre du dessin
LIFT STATION SANITARY FORCEMAIN

PLAN PROFILE
0+820 TO 1+100

designed by / concu par: D. FINNEY
drawn by / dessine par: B. TENNANT
approved by / approuve par: D. FINNEY
PWGSC Project Manager / Administrateur de Projets TPSGC: S. KING
scale / echelle: AS SHOWN
project no. / projet no.: R.031117.001
date: MARCH 2011
sheet / feuille: C204
5 OF 14

5209062-C201-C207H.dwg

June 17, 2013 10:35:43 AM – Tom Kloever
PWGSC-WR-BW.ctb
I:\MMM Files\5209062000 – PWGSC Tunnel Mountain Sewage Lift Station\TI0000 – Design Submissions\Project R.031117.001 IFT Submittal\Drawings\Civil\5209062-C201-C207H (Profiles).dwg