

PANET ROAD CONTROL LINE		
DESCRIPTION	NORTHING	EASTING
PCC	9931.657	9959.185
PT	9988.943	9969.710

EDGE OF PAVEMENT CONTROL		
DESCRIPTION	NORTHING	EASTING
WEST		
PC	9960.832	9962.575
PCC	9978.025	9961.521
PT	9988.547	9946.823
EAST		
PC	9971.014	9974.084
PCC	9982.967	9982.283
PT	9986.784	9997.524

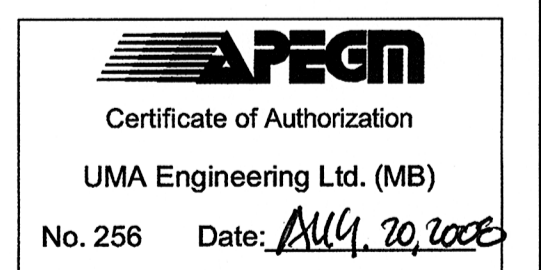
BACK OF CURB CONTROL		
DESCRIPTION	NORTHING	EASTING
WEST		
START	9972.175	9962.140
PCC	9978.025	9961.521
PCC	9987.213	9953.398
END	9987.807	9946.842
EAST		
START	9970.944	9974.799
PCC	9977.288	9976.156
PCC	9985.913	9990.518
END	9984.922	9997.534

CIRCULAR CURVE DATA				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	17.394	36.000	27°41'03"	8.870
C2	19.400	15.000	74°08'04"	11.324
C3	15.128	15.000	57°47'07"	8.278
C4	15.839	36.000	25°12'32"	8.050
C5	58.673	140.000	24°00'44"	29.774

SURVEY BAR - HORIZONTAL CONTROL POINTS - PROJECT COORDINATES				NAD83 DATUM		
CONTROL POINT	NORTHING	EASTING	ELEVATION	NORTHING	EASTING	ELEVATION
#1	10000.000	10000.000	231.922	552729.861	638017.594	-
#2	10006.702	10251.113	231.608	5527736.400	638268.767	-

NOTE: THE PROJECT DRAWING HAS A SCALE FACTOR OF 1.00021536323 APPLIED TO LBIS INFORMATION TO MATCH LOCAL SURVEYED PROJECT COORDINATES

- NOTES
- ADJUST MH AND CB RIMS TO NEW GRADES.
 - LAMP STANDARDS, HYDRO POLES, AND ANCHORS MAY REQUIRE TEMPORARY SUPPORT/REMOVAL OR REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
 - THE LOCATION OF ALL SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
 - ADD 200.000m TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMAL NUMBERS INDICATE METRES

BID OPPORTUNITY NO. 589-2008

EXISTING	NEW	EXISTING	NEW	EXISTING	NEW	EXISTING	NEW
GAS	○	MANHOLE	●	CONCRETE PAVEMENT	▨	ASPHALT PAVEMENT	▨
COMMUNICATION	□	CATCH BASIN / CATCH PIT	■	CONC. SIDEWALK/MEDIAN	▨	CONC. SIDEWALK/MEDIAN	▨
HYDRO	△	CURB INLET WITH BOX	▲	PAVING STONE	▨	PAVING STONE	▨
CATV/FO	○	TREE	▲	GRAVEL	▨	GRAVEL	▨
TRAFFIC SIGNALS/PIT	⊕	TEST HOLE	⊕	RAMP CURB	▨	RAMP CURB	▨
LAND DRAINAGE SEWER	—	PROPERTY LINE	—	PAVT PLANING/REMOVAL	▨	PAVT PLANING/REMOVAL	▨
SANITARY/COMBINED SEWER	—	SURVEY BAR	—				
SSP/DCP	—	FENCE	—				
WATERMAIN	—	BOC/EOPAVT	—				
SUBDRAIN	—	ELEVATION	33.100				
DITCH	—	TRAFFIC SIGN	—				
LEGEND - PLAN		LEGEND - PLAN					

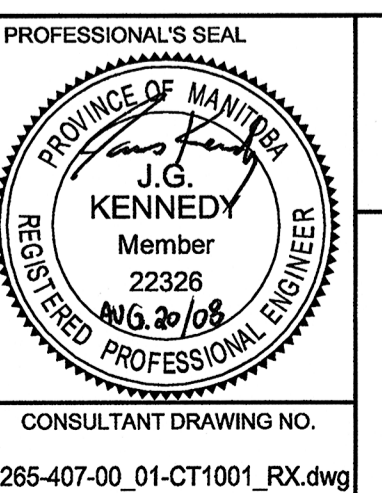
LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES COMMITTEE DATE

NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

BM 33-011	ELEV 231.909m
0	ISSUED FOR TENDER 08/08/20 KLC
NO. REVISIONS	YYMMDD BY

DESIGNED BY JGK		CHECKED BY RPB	
DRAWN BY KLC		APPROVED BY BILL	
HOR. SCALE 1:250		RELEASED FOR CONSTRUCTION	
VERT. SCALE N/A		DATE 08/08/01	



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PROFESSIONAL'S SEAL

PROVINCE OF MANITOBA
J.G. KENNEDY
Member
22326
Aug 20, 2008
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. 0265-407-00_01-CT1001_RX.dwg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION ENGINEERING DIVISION

PANET ROAD
CROSSING OF DUGALD ROAD
DRAIN REPLACEMENT
HORIZONTAL ALIGNMENT, SECTION,
HORIZONTAL AND VERTICAL CONTROL

CITY DRAWING NUMBER C378-08-03
SHEET 3 OF 4
DRAWING No. 03 REV 0