



	C1	C2
Radius	165.000m	165.000m
Arc Length	13.718m	13.718m
Tangent	6.863m	6.863m
Delta	4.764	4.764

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



NOTE:
These design documents are prepared solely for the use by the party with whom the design professional has entered into a contract and there are no representations of any kind made by the design professional to any party with whom the design professional has not entered into a contract.

- GENERAL NOTES:**
- ADJUST MH, CB RIMS, AND VALVES TO NEW GRADES.
 - CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
 - MODIFIED BARRIER CURB TO BE USED AT ALL INTERSECTION RADII, BACK LANE RADII, AND BULL NOSES.
 - CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
 - ADD 200.00M TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.
 - CB OFFSETS ARE DIMENSIONED TO BOC.
 - PAVEMENT REPAIRS SHOWN ARE ONLY A REPRESENTATIVE APPROXIMATION OF THE TENDERED QUANTITIES.
 - SIDEWALKS TO BE RENEWED WITH CONCRETE AS NOTED BY CONTRACT ADMINISTRATOR.
 - LAMP STANDARDS, HYDRO POLES, AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE SO AT THE EXPENSIVE OF THE CONTRACTOR AS NECESSARY.

EXISTING	PROPOSED	EXISTING	PROPOSED	LEGEND-PLAN	PROPOSED	EXISTING	PROPOSED	LEGEND-PROFILE	PROPOSED
---	---	---	---	WATERMAIN	---	---	---	ANCHOR	---
---	---	---	---	LAND DRAINAGE SEWER	---	---	---	LIGHT STANDARD	---
---	---	---	---	WASTE WATER SEWER	---	---	---	HYDRO POLE	---
---	---	---	---	HYDRO	---	---	---	DITCH	---
---	---	---	---	M.T.S.	---	---	---	CULVERT	---
---	---	---	---	GAS	---	---	---	CURB RAMP	---
---	---	---	---	SIGNALS	---	---	---	EDGE OF SIDEWALK	---
---	---	---	---	MANHOLE	---	---	---	PROPERTY LINE	---
---	---	---	---	CATCH BASIN	---	---	---	EDGE OF PAVEMENT	---
---	---	---	---	CURB INLET	---	---	---	BARRIER CURB & GUTTER	---
---	---	---	---	UTILITIES ADJUST	---	---	---	EDGE OF CONCRETE	---
---	---	---	---	PLUG	---	---	---	EDGE OF GRAVEL	---
---	---	---	---	HYDRANT	---	---	---	DETECTABLE WARNING TILE	---
---	---	---	---	VALVE	---	---	---	EDGE OF SIDEWALK WEST	---
---	---	---	---	PAVEMENT GRADE	---	---	---	ROADWAY CENTRE LINE	---
---	---	---	---	DITCH ELEVATION	---	---	---	EDGE OF PAVEMENT	---
---	---	---	---	FLOW DIRECTION	---	---	---	ASPHALT	---
---	---	---	---	EXISTING LEGEND-PLAN	---	---	---	GRAVEL SHOULDER/APPROACH	---
---	---	---	---	PROPOSED LEGEND-PLAN	---	---	---	SIDEWALK	---
---	---	---	---	EXISTING LEGEND-PROFILE	---	---	---	ASPHALT	---
---	---	---	---	PROPOSED LEGEND-PROFILE	---	---	---	ASPHALT	---

LOCATIONS APPROVED UNDERGROUND STRUCTURES

SIGNED BY: _____ DATE: _____

SUPV U/G STRUCTURES DATE

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 EXISTANCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING

WSP | MMM GROUP

G.B.M. 81R949 N.W. Plessis Rd. & C.P.R. Mabson (Keewatin Marine), TBR in 8.2 m Conc. pile, 17 m N. of road N.W. end of C.P.R. Mabson (Keewatin Marine) and 6.8 m E. of W.L. of Plessis Rd. in W. shoulder of Plessis Rd. and 6.8 m E. of W.L. of Plessis Rd. & 6.1 m N. of N.L. C.P.R. R.O.W.

ELEV. 232.832

DESIGNED BY: GSP
CHECKED BY: TP
DRAWN BY: ED
APPROVED BY: VM

MM Group Limited
Suite 111 - 93 Lombard Ave
Winnipeg, MB R3B 3B1
t. 204.943.3178
f. 204.943.4948
www.mmgrouplimited.com

PROVINCE OF MANITOBA
V.M. MAROTI
Member 30809
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT ACAD DWG. NO.
5515051 - C03

NO. REVISIONS DATE BY
4 ISSUED FOR TENDER 15.04.16 JPP
3 ISSUED TO U/G STRUCTURES FOR REVIEW 05.02.16 JPP
2 ISSUED FOR REVIEW 23.12.15 JPP
1 ISSUED FOR PRELIMINARY REVIEW 15.07.15 GSP

DATE 15-April-16

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

PLESSIS ROAD AND GUNN ROAD
INTERSECTION IMPROVEMENT
PLESSIS ROAD
STA. 1+350 - STA. 1+470

CITY DRAWING NUMBER
SHEET 3 OF 4
BID NO. 171-2016

P:\5515051-5515051 - Plessis and Gunn Rd Intersection Improvements\MM Drawings\5515051-C01-C04.dwg -lab-C03
 P:\5515051-5515051 - Plessis and Gunn Rd Intersection Improvements\MM Drawings\5515051-C01-C04.dwg -lab-C03