



- 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.

**RECONSTRUCTION OF MACHRAY AVENUE INCLUDES STREET LIGHTING PROJECT SEE DRAWING 1-04707-DD-50000-0231**

**EXTERNAL POINT REPAIRS TO BE COMPLETED BY CENTRALIZED SERVICES.**

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED
○	MANHOLE	●	—	WATER MAIN	—	—	—	—
□	CATCH BASIN	■	—	LAND DRAINAGE SEWER	—	—	—	—
△	CURB INLET	▽	—	WASTE WATER SEWER	—	—	—	—
◇	UTILITIES ADJUSTED	△ □ ○	—	HYDRO	—	—	—	—
J	PLUG	J	—	M.T.S.	—	—	—	—
◇	HYDRANT	◆	—	GAS	—	—	—	—
⊗	VALVE	⊗	—	SIGNALS	—	—	—	—
⊕	IRON BAR	⊕	—	LIGHT STANDARD	—	—	—	—
230.99	GROUND GRADE	—	—	DETECTABLE WARNING TILE	—	—	—	—
(230.99)	PAVEMENT GRADE	(31.00)	—	CURB RAMP	—	—	—	—
—	LOT GRADE	[31.00]	—	EDGE OF SIDEWALK	—	—	—	—
—	LEGEND-PLAN	—	—	LEGEND-PLAN	—	—	—	—

**LOCATIONS APPROVED UNDERGROUND STRUCTURES**

SIGNED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 SUPV UG STRUCTURES

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

G.B.M. 654534 34 (654534) - Tbl. in 7.6 m Conc. pile, 14.8 m N. of ELEV. 231.110 S.L. of Inkster Blvd., & 4.6 m E. of W.L. of

NO.	REVISIONS	DATE	BY
2	ISSUED FOR TENDER	04.03.15	VMM
1	ISSUED TO UG STRUCTURES FOR REVIEW	03.02.15	BOD

**MMM GROUP**  
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 www.mmm.ca

DESIGNED BY	CHECKED BY
BQD	VMM
DRAWN BY	APPROVED BY
KB	VMM

ENGINEER'S SEAL  
 ORIGINAL SEALED BY  
 V.M. MAROTI  
 P. ENG.  
 03/02/15  
 CONSULTANT ACAD DWG. NO.  
 5514132-C1-03

**THE CITY OF WINNIPEG**  
 PUBLIC WORKS DEPARTMENT  
 ENGINEERING DIVISION  
 2015 LOCAL STREETS RENEWAL PRG  
 MACHRAY AVENUE - MAIN ST TO EMSLIE ST  
 ASPHALT RECONSTRUCTION  
 MAIN STREET TO STA 2+00

**PRELIMINARY**

**METRIC**  
 WHOLE NUMBERS INDICATE MILLIMETRES  
 DECIMALIZED NUMBERS INDICATE METRES

**APEGM**  
 Certificate of Authorization  
 MMM Group Limited  
 No. 4531

CITY DRAWING NUMBER  
 SHEET 3 OF 18  
 BID NO.  
 151-2015