



- 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.
  - 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 BACK OF CURB.
  - 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.
  - RENEW CURB AS IDENTIFIED BY CONTRACT ADMINISTRATOR.
  - ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
  - ALL ROADWAY DIMENSIONS SHOWN ARE TO BACK OF CURB.
  - BOULEVARD RESTORATION TO BE SOD UNLESS OTHERWISE NOTED.
  - ALL PRIVATE WALKWAYS TO BE ADJUSTED TO NEW TOP OF CURB ELEVATION, AS REQUIRED.

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.

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED
---	WATER MAIN	---	#111	CIVIC ADDRESS	
---	LAND DRAINAGE SEWER	---	+	IRON BAR	
---	WASTE WATER SEWER	---	○	HYDRO POLE & LIGHT STANDARD	
---	HYDRO	---	○	LIGHT STANDARD	
---	M.T.S.	---	○	HYDRO POLE	
---	GAS	---	○	CURB RAMP	
---	SIGNALS	---	■	DETECTABLE WARNING SURFACE TILE	
○	MANHOLE	●	---	EDGE OF SIDEWALK	
□	CATCH BASIN	■	---	PROPERTY LINE	
△	CURB INLET	▽	---	EDGE OF ASPHALT	
△	UTILITIES ADJUSTED	△	○	MODIFIED BARRIER CURB	
⌋	PLUG	⌋	---	BARRIER CURB	
⊕	HYDRANT	⊕	---	EDGE OF CONCRETE	
⊕	VALVE	⊕	---	SIDEWALK	
⊕	CURB STOP	⊕	---	CONCRETE REPAIR SLAB	
---	GROUND GRADE	---	---	ASPHALT	
(31.00)	PAVEMENT GRADE	(31.00)	---	MILLED SURFACE	
---	LOT GRADE	[31.00]	---	GLASS GRID	
---	ANCHOR	---	---	ROADWAY CENTRE LINE	
---	LEGEND-PLAN	---	---	NORTH GUTTER	
---	PROPOSED	---	---	SOUTH GUTTER	
---	EXISTING	---	---	NORTH SIDEWALK	
---	LEGEND-PROFILE	---	---	SOUTH SIDEWALK	
---	PROPOSED	---	---		

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. BENCHMARK LOCATION LOCATED ON "Y" OF OPEN ON HYDRANT, SOUTH END OF BOND STREET, NORTHWEST CORNER OF BOND AND VICTORIA

ELEV. 233.688

DESIGNED BY DS

CHECKED BY TP/VM

DRAWN BY SB

APPROVED BY VM

HOR. SCALE 1:250

VERTICAL 1:10

ISSUED FOR TENDER 04/06/16 VM

ISSUED FOR CITY OF WINNIPEG REVIEW 03/22/16 VM

NO. REVISIONS DATE BY

DATE 04/4/2016

**MMM GROUP**

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ENGINEER'S SEAL

V.M. MAROTI  
Member  
30809  
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT ACAD DWG. NO. 551515-C-15

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

2016 LOCAL STREET RENEWAL PROGRAM

RAVELSTON AVENUE WEST  
DAY STREET TO MADLINE STREET  
PAVEMENT REHABILITATION  
STA. 5+40 TO STA. 7+00

CITY DRAWING NUMBER

SHEET 15 OF 20

BID NO. 261-2016

**METRIC**

WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**APEGM**

Certificate of Authorization  
MMM Group Limited  
No. 4531

Apr. 05, 2016 - 7:54am  
P:\551515-551515\2016 Local Streets package 16-R-03\MMW Drawings\Construction drawings\Contract 2\551515 - Ravelston Ave W C15-C16.dwg - tab C-15