



- NOTES**
1. ADJUST MH AND CB RIMS TO NEW GRADES.
  2. LIGHT STANDARDS, HYDRO POLES, AND ANCHORS MAY REQUIRE TEMPORARY SUPPORT/REMOVAL OR REPLACEMENT AT THE EXPENSE OF THE CONTRACTOR. LIGHT STANDARD BASES TO BE PERMANENTLY REMOVED FROM SITE BY CONTRACTOR AT LOCATIONS INDICATED.
  3. CONTRACTOR SHALL TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING BOULEVARD TREES FROM DAMAGE FROM CONSTRUCTION ACTIVITIES WITHIN THE LIMITS OF CONSTRUCTION AS OUTLINED IN THE SPECIFICATIONS.
  4. ADD 200.000m TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.
  5. ALL CSP CULVERTS TO HAVE BEVEL END SECTIONS UNLESS NOTED OTHERWISE.
  6. CONTRACTOR SHALL TAKE PRECAUTIONARY STEPS TO CONTROL EROSION BY INSTALLING STRAW WATTLE AT LOCATIONS DIRECTED BY CONTRACT ADMINISTRATOR.

0 5 10 15 m H=1:500

**APECM**  
 Certificate of Authorization  
 UMA Engineering Ltd. (MB)  
 No. 256 Date: June 27/08

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

BID OPPORTUNITY NO. 466-2008

---	GAS	○	MANHOLE	●	CONCRETE PAVEMENT	▨	LOCATION APPROVED	BM
---	MTS	□	CATCH BASIN / CATCH PIT	■	ASPHALT PAVEMENT	▩	UNDERGROUND STRUCTURES	ELEV.
---	HYDRO	△	CURB INLET WITH BOX	▲	CONC. SIDEWALK/MEDIAN	▧		
---	CATV/FO	○	TREE	○	PAVING STONE	▤		
---	TRAFFIC SIGNALS/PIT	⊕	TEST HOLE	⊕	GRAVEL	▦		
---	LAND DRAINAGE SEWER	⊕	PROPERTY LINE	—	RAMP CURB	▥		
---	SANITARY/COMBINED SEWER	⊕	SURVEY BAR	—	PLANING/REMOVAL	▣		
---	SSP/DCP	⊕	FENCE	—	GLASGRID PAVT REPAIR	▧		
---	WATERMAIN	---	BOC/EOPAVT	---	RIP RAP	▩		
---	SUBDRAIN	---	ELEVATION	33.100	SUB-BASE DAYLIGHTING	▨		
---	DITCH	---	TRAFFIC SIGN	---	UTILITY REMOVALS/RELOC.	▩		
---	EXISTING	---	LEGEND - PLAN	---	LEGEND - PLAN	---		
---	NEW	---	LEGEND - PLAN	---	LEGEND - PLAN	---		

**LOCATION APPROVED**  
 UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES DATE COMMITTEE

**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.

0	ISSUED FOR CONSTRUCTION	08/08/27	DID
NO.	REVISIONS	YYMMDD	BY

UMA | AECOM

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DESIGNED BY	WRJ	CHECKED BY	RPB
DRAWN BY	DID/KLC	APPROVED BY	BWB
HOR. SCALE	1:500	RELEASED FOR CONSTRUCTION	
VERT. SCALE	1:20	DATE	08-07-03
DATE	08/08/27	DATE	08-07-03

PROFESSIONAL'S SEAL

CONSULTANT DRAWING NO.  
 0265-006-00-01-CT1016\_RX.dwg

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

**McGILLIVRAY BOULEVARD**  
**120m WEST OF KENASTON BOULEVARD**  
**TO WAVERLEY STREET**  
**WIDENING AND REHABILITATION**  
 HORIZONTAL ALIGNMENT  
 STA 3+050 TO WAVERLEY STREET

CITY DRAWING NUMBER  
 P-3294-16

SHEET 16 OF 44

DRAWING No. 16 REV 0