



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	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED
WATER MAIN		IRON BAR		NORTH OR WEST SIDEWALK		ASPHALT	
LAND DRAINAGE SEWER		HYDRO POLE & LIGHT STANDARD		SOUTH OR EAST SIDEWALK		MILLED SURFACE	
WASTE WATER SEWER		LIGHT STANDARD OR TRAFFIC SIGNAL		ROADWAY CENTRELINE		ASPHALT JOINT REPAIR	
HYDRO		HYDRO POLE		NORTH OR WEST GUTTER		ASPHALT	
M.T.S.		CURB RAMP		SOUTH OR EAST GUTTER		LEGEND-PLAN	
GAS		DETECTABLE WARNING SURFACE TILE		LEGEND-PROFILE		PROPOSED	
SIGNALS		EDGE OF SIDEWALK		PROPOSED		EXISTING	
MANHOLE		FENCE		EXISTING		PROPOSED	
CATCH BASIN		PROPERTY LINE		EXISTING		PROPOSED	
CURB INLET		EDGE OF ASPHALT		EXISTING		PROPOSED	
UTILITIES ADJUSTED		EDGE OF CONCRETE		EXISTING		PROPOSED	
PLUG		MODIFIED BARRIER CURB		EXISTING		PROPOSED	
HYDRANT		BARRIER CURB		EXISTING		PROPOSED	
VALVE		BARRIER CURB AND GUTTER		EXISTING		PROPOSED	
CURB STOP		CONC SIDEWALK		EXISTING		PROPOSED	
GROUND GRADE		CONCRETE SLAB		EXISTING		PROPOSED	
PAVEMENT GRADE		ASPHALT		EXISTING		PROPOSED	
ANCHOR		MILLED SURFACE		EXISTING		PROPOSED	
CIVIC ADDRESS		ASPHALT JOINT REPAIR		EXISTING		PROPOSED	
LEGEND-PLAN		LEGEND-PLAN		EXISTING		PROPOSED	

LOCATIONS APPROVED UNDERGROUND STRUCTURES		BENCHMARK LOCATION	
SIGNED BY:	DATE:	G.B.M. ELEV. 232.87	LOCATED ON TOP OF TOP NUT ON HYDRANT AT SOUTHWEST CORNER BETWEEN HOUSE #946 AND #944 OF GUELPH STREET AND HARROW STREET
NO.	REVISIONS	DATE	BY
C	ISSUED FOR TENDER	02.05.17	SG
B	ISSUED FOR UNDERGROUND STRUCTURES REVIEW	17.04.17	SG
A	ISSUED FOR CLIENT REVIEW	23.03.17	SG
		DATE	14 FEB 2017

MMM GROUP

DESIGNED BY: EC
 DRAWN BY: HK/LT
 CHECKED BY: SG/TR
 APPROVED BY: RMB

HOR. SCALE: 1:250
 VERTICAL: 1:10

RELEASED FOR CONSTRUCTION

DATE: 14 FEB 2017

ENGINEER'S SEAL

R.M. BORODY
 Member 6179
 REGISTERED PROFESSIONAL ENGINEER

CONSULTANT ACAD DWG. NO. 17M-00168-00-C-15

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

2017 LOCAL STREET RENEWAL PROGRAM

HECTOR AVENUE
 WILTON STREET TO STAFFORD STREET

PAVEMENT RECONSTRUCTION
 STA. 3+90 TO STA. 5+40

CITY DRAWING NUMBER: SHEET 15 OF 19

BID NO. 321-2017

- NOTES:
- ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 - CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
 - ALL ROADWAY DIMENSIONS SHOWN ARE TO BACK OF CURB.
 - ADD 200.00 TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATION.
 - RENEW CURB AND SIDEWALK AS IDENTIFIED BY CONTRACT ADMINISTRATOR.
 - ALL PRIVATE WALKWAYS TO BE ADJUSTED TO NEW SIDEWALK OR TOP OF CURB ELEVATION, AS REQUIRED.
 - ADJUST MH FRAMES, CB RIMS, AND VALVES TO NEW GRADES, AS REQUIRED.
 - MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL INTERSECTION RADII AND BACK LANE RADII.
 - ALL EXISTING LONG WATER SERVICES TO BE INSULATED AS PER SD-018 (AS REQUIRED).
 - LAMP STANDARDS, HYDRO POLES, AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE SO AT THE EXPENSE OF THE CONTRACTOR AS NECESSARY.
 - CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
 - ALL BOULEVARDS TO BE SODDED UNLESS OTHERWISE NOTED.

FOR TENDER PURPOSES ONLY

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

APEGM
 Certificate of Authorization
 MMM Group Limited
 No. 4531

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