



TYPICAL CROSS-SECTION

NTS

SCHOOL ZONE CONSTRUCTION TO TAKE PLACE IN JULY AND AUGUST

RECONSTRUCTION OF LEAMEN STREET INCLUDES STREET LIGHTING PROJECT SEE DRAWING 1-04707-DE-50000-0354

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-PROFILE	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
---	WATER MAIN	---	---	---	---	---	HYDRO POLE & LIGHT STANDARD	---
---	LAND DRAINAGE SEWER	---	---	---	---	---	LIGHT STANDARD OR TRAFFIC SIGNAL	---
---	WASTE WATER SEWER	---	---	---	---	---	HYDRO POLE	---
---	HYDRO	---	---	---	---	---	CURB RAMP	---
---	M.T.S.	---	---	---	---	---	DETECTABLE WARNING SURFACE TILE	---
---	GAS	---	---	---	---	---	EDGE OF SIDEWALK	---
---	SIGNALS	---	---	---	---	---	FENCE	---
○	MANHOLE	●	---	---	---	---	PROPERTY LINE	---
□	CATCH BASIN	■	---	---	---	---	EDGE OF ASPHALT	---
△	CURB INLET	▼	---	---	---	---	EDGE OF CONCRETE	---
⊂	UTILITIES ADJUSTED	△ □ ○	---	---	---	---	MODIFIED BARRIER CURB	---
⊂	PLUG	⊂	---	---	---	---	BARRIER CURB	---
◇	HYDRANT	◆	---	---	---	---	BARRIER CURB AND GUTTER	---
⊗	VALVE	⊗	---	---	---	---	MODIFIED BARRIER CURB AND GUTTER	---
⊂	CURB STOP	⊂	---	---	---	---	CONCRETE SIDEWALK	---
---	GROUND GRADE	---	---	---	---	---	CONCRETE REPAIR	---
(31.00)	PAVEMENT GRADE	(31.00)	---	---	---	---	ASPHALT OVERLAY	---
---	ANCHOR	---	---	---	---	---	ASPHALT PARTIAL DEPTH REPAIR	---
#11	CIVIC ADDRESS	---	---	---	---	---	GLASS GRID	---
---	IRON BAR	---	---	---	---	---	ASPHALT MILLING	---
---	LEGEND-PLAN	---	---	---	---	---	LEGEND-PROFILE	---

LOCATIONS APPROVED UNDERGROUND STRUCTURES

SIGNED BY: _____ DATE: _____
SVP 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

NO.	REVISIONS	DATE	BY
H			
G			
F			
E			
D			
C	ISSUED FOR TENDER	10-MAY-17	JP
B	ISSUED FOR UNDERGROUND STRUCTURES REVIEW	12-APR-17	JP
A	ISSUED FOR CLIENT REVIEW	29-MAR-17	JP

MMM GROUP

DESIGNED BY: DS
CHECKED BY: JP/TR

DRAWN BY: VA/RA
APPROVED BY: VM

WORK SCALE: 1:250
VERTICAL: 1:10

DATE: 22-FEB-2017

ENGINEER'S SEAL

V.M. MAROTI
Member
30809

CONSULTANT ACAD DWG. NO.
17M-00410-00-C-09

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2017 LOCAL STREET RENEWAL PROGRAM

LEAMEN CRESCENT
DOUBLEDAY DRIVE TO PIPELINE ROAD
PAVEMENT RECONSTRUCTION
STA. 1+00 TO STA. 1+90

CITY DRAWING NUMBER
SHEET 9 OF 13

BID NO.
363-2017

- 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.
 - INSTALL 40mm LIP CURB THROUGH ALL RESIDENTIAL APPROACHES.
 - 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. LIMITS TO BE IDENTIFIED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
 - CONTRACTOR TO MATCH ALL EDGING ON EXISTING CONCRETE DRIVEWAYS.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
MMM Group Limited
No. 4531

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 P:\2017\17M-00410-00 - 2017 Local Streets Renewal 17-M-00410-00-C-09_C-11 Leamen Plan and Profile_2017_05_03.dwg - tab C-09