



- NOTES:
1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 2. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
 3. ALL ROADWAY DIMENSIONS SHOWN ARE TO BACK OF CURB.
 4. ADD 200.00 TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATION.
 5. RENEW CURB AND SIDEWALK AS IDENTIFIED BY CONTRACT ADMINISTRATOR.
 6. ALL PRIVATE WALKWAYS TO BE ADJUSTED TO NEW SIDEWALK OR TOP OF CURB ELEVATION, AS REQUIRED.
 7. ADJUST MH FRAMES, CB RIMS, AND VALVES TO NEW GRADES, AS REQUIRED.
 8. MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL INTERSECTION RADII AND BACK LANE RADII.
 9. INSTALL 40mm LIP CURB THROUGH ALL RESIDENTIAL APPROACHES.
 10. ALL EXISTING LONG WATER SERVICES TO BE INSULATED AS PER SD-018 (AS REQUIRED).
 11. 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.
 12. CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
 13. ALL BOULEVARDS TO BE SODDED UNLESS OTHERWISE NOTED. LIMITS TO BE IDENTIFIED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
 14. CONTRACTOR TO MATCH ALL EDGING ON EXISTING CONCRETE DRIVEWAYS.

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
---	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
230.99	GROUND GRADE	---	---	---	CONCRETE REPAIR
(31.00)	PAVEMENT GRADE	(31.00)	---	---	ASPHALT OVERLAY
---	ANCHOR	---	---	---	ASPHALT PARTIAL DEPTH REPAIR
#111	CIVIC ADDRESS	---	---	---	GLASS GRID
---	IRON BAR	---	---	---	ASPHALT MILLING
---	EXISTING LEGEND-PLAN	---	---	---	PROPOSED LEGEND-PROFILE

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.M. BENCHMARK LOCATION
ELEV. 232.576
TOP OF TOP NUT ON HYDRANT ON SOUTH EAST CORNER OF LEAMEN CRESCENT AND DOUBLEDAY DRIVE.

MMM GROUP

DESIGNED BY: DS
CHECKED BY: JP/TR

DRAWN BY: VA/RA
APPROVED BY: VM

ISSUED FOR TENDER: 10-MAY-17 JP
ISSUED FOR UNDERGROUND STRUCTURES REVIEW: 12-APR-17 JP
ISSUED FOR CLIENT REVIEW: 29-MAR-17 JP

NO. REVISIONS: _____ DATE: _____ BY: _____

DATE: 22-FEB-2017

MEMBER OF THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF MANITOBA

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Member 30809

CONSULTANT ACAD DWG. NO. 17M-00410-00-C-10

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+90 TO STA. 3+20

CITY DRAWING NUMBER: SHEET 10 OF 13

BID NO. 363-2017

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM
Certificate of Authorization
MMM Group Limited
No. 4531

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