



- 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. EXISTING ASPHALT TO BE PLANED AS IDENTIFIED BY CONTRACT ADMINISTRATOR.
 6. RENEW CURB AND SIDEWALK AS IDENTIFIED BY CONTRACT ADMINISTRATOR.
 7. ALL PRIVATE WALKWAYS TO BE ADJUSTED TO NEW SIDEWALK OR TOP OF CURB ELEVATION, AS REQUIRED.
 8. MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL INTERSECTION RADII AND BACK LANE RADI.
 9. ADJUST MH FRAMES, CB RIMS, AND VALVES TO NEW GRADES, AS REQUIRED.
 10. INSTALL 40mm LIP CURB THROUGH RESIDENTIAL APPROACHES AS IDENTIFIED BY CONTRACT ADMINISTRATOR.
 11. CONTRACTORS TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
 12. 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.
 13. ALL BOULEVARDS TO BE SODDED UNLESS OTHERWISE NOTED.
 14. CONTRACTOR TO CONFIRM LOCATION AND LIMITS OF SEWER REPAIRS BY PERFORMING VIDEO INSPECTION AND REVIEWING WITH CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION (IF REQ'D).
 15. ADJUST ALL WATER VALVES, HYDRANTS, MANHOLES, AND CATCH BASINS IN WORK AREA TO GRADE.
 16. INSTALL GLASS GRID AS IDENTIFIED BY CONTRACT ADMINISTRATOR.

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
---	WATER MAIN	---	---	IRON BAR	---	---	---	---
---	LAND DRAINAGE SEWER	---	---	HYDRO POLE & LIGHT STANDARD	---	---	---	---
---	WASTE WATER SEWER	---	---	LIGHT STANDARD OR TRAFFIC SIGNAL	---	---	---	---
---	HYDRO	---	---	HYDRO POLE	---	---	---	---
---	M.T.S.	---	---	CURB RAMP	---	---	---	---
---	GAS	---	---	DETECTABLE WARNING SURFACE TILE	---	---	---	---
---	SIGNALS	---	---	EDGE OF SIDEWALK	---	---	---	---
○	MANHOLE	●	---	FENCE	---	---	---	---
□	CATCH BASIN	■	---	PROPERTY LINE	---	---	---	---
△	CURB INLET	▽	---	EDGE OF ASPHALT	---	---	---	---
△ □ ○	UTILITIES ADJUSTED	△ □ ○	---	EDGE OF CONCRETE	---	---	---	---
┘	PLUG	┘	---	MODIFIED BARRIER CURB	---	---	---	---
◇	HYDRANT	◆	---	BARRIER CURB	---	---	---	---
⊗	VALVE	⊗	---	CONC SIDEWALK	---	---	---	---
⊕	CURB STOP	⊕	---	CONCRETE SLAB	---	---	---	---
230.99	GROUND GRADE	---	---	ASPHALT	---	---	---	---
(31.00)	PAVEMENT GRADE	(31.00)	---	MILLED SURFACE	---	---	---	---
→	ANCHOR	→	---	ASPHALT JOINT REPAIR	---	---	---	---
#111	CIVIC ADDRESS	---	---	GLASS GRID	---	---	---	---
---	LEGEND-PLAN	---	---	LEGEND-PLAN	---	---	---	---

LOCATIONS APPROVED UNDERGROUND STRUCTURES

SIGNED BY: _____ DATE: _____

SUPV U/G 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

wsp

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ENGINEER'S SEAL

DESIGNED BY: MCW
CHECKED BY: VM/SM

DRAWN BY: HK
APPROVED BY: SM

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

ISSUED FOR TENDER: 2018-03-20 SM
ISSUED FOR UNDERGROUND STRUCTURES REVIEW: 2018-03-09 SM
ISSUED FOR CLIENT REVIEW: 2018-02-21 SM

DATE: 2017-11-20

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES DIVISION

2018 LOCAL STREET RENEWAL PROGRAM

EDISON AVENUE
DE GRAFF PLACE TO RALEIGH STREET
PAVEMENT REHABILITATION
STA. 2+40 TO STA. 3+70

17M-02216-00-C-11

CONTRACTOR'S SEAL

M.C.Y. WONG
Member 32500
REGISTERED PROFESSIONAL ENGINEER

CITY DRAWING NUMBER: ---
SHEET 11 OF 22
BID NO. 33-2018

PRELIMINARY
NOT FOR CONSTRUCTION

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
WSP Canada Group Limited
No. 6657