



- REFERENCE NOTES**
- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
  - BASELINE IS CENTRE LINE ROADWAY
  - PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
  - REFER TO AECOM FIELD BOOK NO. 4997

- CONSTRUCTION NOTES**
- PLANE EXISTING ASPHALT PAVEMENT
  - CONSTRUCT NEW ASPHALT PAVEMENT OVERLAY TYPE 1A (85mm AVG. THICKNESS)
  - REMOVE EXISTING CONCRETE AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT c/w 85mm ASPHALTIC OVERLAY
  - PLANE EXISTING MOUNTABLE CURB
  - INSTALL NEW CONCRETE BARRIER CURB (100mm REVEAL HT. DOWELLED)
  - INSTALL NEW CONCRETE BARRIER CURB (100mm REVEAL HT. SEPARATE)
  - INSTALL NEW CONCRETE MODIFIED BARRIER CURB (180mm REVEAL HT. INTEGRAL)
  - INSTALL NEW CONCRETE MODIFIED BARRIER CURB (180mm REVEAL HT. DOWELLED)
  - INSTALL NEW CONCRETE CURB RAMP (10mm HT. INTEGRAL)
  - INSTALL NEW CONCRETE CURB RAMP (10mm HT. MONOLITHIC)
  - RENEW EXISTING 100mm CONCRETE SIDEWALK
  - CONSTRUCT NEW 100mm CONCRETE SIDEWALK
  - REMOVE, REINSTALL AND RE-GRADE PAVING STONES OR PATIO BLOCKS
  - REMOVE EXISTING FRAME AND COVER AND INSTALL NEW SOLID FRAME AND COVER (AP-006/AP-007)
  - ADJUST FRAME TO GRADE
  - INSTALL NEW CAST IRON RISER RING
  - REMOVE EXISTING CATCHPIT AND ABANDON LEAD
  - INSTALL NEW CATCHPIT (SD-023) c/w CURB AND GUTTER INLET FRAME AND COVER (AP-011/AP-012) AND CONNECT TO EXISTING LEAD
  - INSTALL NEW CATCHPIT (SD-023) c/w CURB AND GUTTER INLET FRAME AND COVER (AP-011/AP-012) AND CONNECT TO CATCHBASIN
  - INSTALL NEW CATCHBASIN (SD-024) c/w CURB AND GUTTER INLET FRAME AND COVER (AP-011/AP-012) AND CONNECT TO EXISTING LEAD
  - RENEW EXISTING CONCRETE BARRIER CURB AND GUTTER
  - REMOVE EXISTING ASPHALT PAVEMENT AND PLACE NEW 100mm ASPHALT PAVEMENT TYPE 1A AFTER CONSTRUCTION OF CURB AND GUTTER
  - INSTALL DETECTABLE SURFACE WARNING TILE
  - REMOVE EXISTING CATCHBASIN AND ABANDON LEAD
  - REMOVE EXISTING FRAME AND COVER AND INSTALL NEW BARRIER CURB AND GUTTER INLET FRAME AND COVER (AP-011/AP-012)

**AECOM**  
 Certificate of Authorization  
 AECOM Canada Ltd.  
 No. 4671 Date: \_\_\_\_\_

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

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	---	HYDRO	---	---	PROFILE	---
Hydrant	HYDRANT	Hydrant	---	M.T.S.	---	---	NORTH GUTTER	---
Valve	VALVE	Valve	---	CONCRETE	---	---	SOUTH GUTTER	---
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	---	ASPHALT	---	---	N/W PROPERTY LINE	---
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	---	PROPERTY LINE	---	---	S/E PROPERTY LINE	---
Manhole	MANHOLE	Manhole	---	SURVEY BAR	---	---		
Catch Basin	CATCH BASIN	Catch Basin	---	ELEVATION	235.750	---		
Catch Pit	CATCH PIT	Catch Pit	---	TREE	---	---		
Junctions	JUNCTIONS	Junctions	---	SIDEWALK RAMP	---	---		
Culvert	CULVERT	Culvert	---	CONCRETE SIDEWALK	---	---		
Gas	GAS	Gas	---	FENCE	---	---		

**LOCATION APPROVED**  
**UNDERGROUND STRUCTURES**

SUPV. U/G STRUCTURES COMMITTEE DATE

**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.

B.M. 39-069 N.W. Cor. Thompson Dr. @ Lodge Ave. Aluminum T.B. on top of 0.05 m dia. x 1.22 m iron pipe 2.2 m S. of N.L. Lodge Ave. & 0.30 m W. of W.L. Thompson Dr.

**AECOM**

DESIGNED BY	JC	CHECKED BY	BC/KWR
DRAWN BY	JC	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10	DATE	

ENGINEER'S SEAL

PROVINCE OF MANITOBA  
**K.W. RAE**  
 REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.  
 CT-19

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

2018 RESIDENTIAL STREET RENEWAL PROGRAM

LODGE AVENUE - RONALD STREET TO MORAY STREET  
 CONCRETE PAVEMENT REHABILITATION  
 STATION 0+620 TO MORAY STREET

CITY DRAWING NUMBER  
 SHEET 19 OF 29