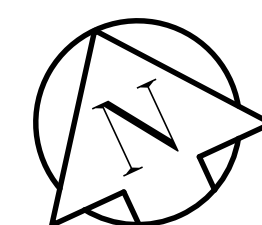


TYPICAL CROSS SECTION
Scale N.T.S.



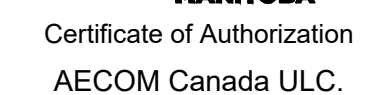
REFERENCE NOTES:

- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- B. PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
- C. REFER TO AECOM FIELD BOOK NO. 5190

CONSTRUCTION NOTES:

1. AT TIE INS, REMOVE EXISTING ASPHALT PAVEMENT AND PLACE NEW ASPHALT PAVEMENT OVERLAY MS2 (85mm AVERAGE THICKNESS)
2. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 230mm PLAIN DOWELED CONCRETE PAVEMENT. INSTALL REINFORCING IN LOCATIONS INDICATED BY CONTRACT ADMINISTRATOR
3. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT
4. CONSTRUCT NEW CONCRETE BARRIER CURB (180mm HT. INTEGRAL)
5. CONSTRUCT NEW CONCRETE MODIFIED BARRIER CURB (180mm HT. INTEGRAL)
6. CONSTRUCT NEW CONCRETE CURB RAMP (10-12mm HT. INTEGRAL)
7. REMOVE EXISTING 100mm SIDEWALK AND CONSTRUCT NEW 100mm CONCRETE SIDEWALK c/w BLOCKOUT, PAVING BAND AND SIDEWALK EXPANSION JOINTS
8. RENEW EXISTING 100mm CONCRETE SIDEWALK INCLUDING SIDEWALK EXPANSION JOINTS
9. INSTALL NEW BARRIER CURB AND ARCHED GUTTER INLET c/w CATCH BASIN (SD-024) AND CONNECT NEW 250mm LEAD TO EXISTING 375 CONCRETE COMBINED SEWER
10. INSTALL NEW SUB DRAIN, 6m ON EACH SIDE OF CATCH BASIN
11. REMOVE EXISTING CATCH BASIN / CATCH PIT
12. ADJUST EXISTING MANHOLE / CATCH BASIN TO GRADE
13. INSTALL NEW CAST IRON RISER RING
14. REMOVE EXISTING FRAME AND COVER AND PLACE NEW STANDARD FRAME AND SOLID COVER (AP-006 / AP-007)
15. INSTALL NEW DETECTABLE WARNING SURFACE TILE
16. ADJUST EXISTING WATER VALVE TO GRADE
17. REPLACE EXISTING STREET LIGHT AS PER MB HYDRO DRAWINGS
18. INSTALL EXISTING LIGHT FIXTURES c/w HALOGENE FIXTURES, POLES/BASES, CONDUIT AND WIRING AS PER SPECIFICATIONS. SEALED ELECTRICAL DRAWING TO BE PROVIDED BY CONTRACT ADMINISTRATOR PRIOR TO INSTALLATION.
19. INSTALL CROSSWALK SIGNAGE AND LINE PAINTING (BY OTHERS)
20. CONTRACTOR TO LOCATE AND INSULATE WATERMAIN LONG SIDE SERVICES AS PER SD-018
21. COMPLETE HYDRO EXCAVATION EXPLORATION ACROSS FULL WIDTH OF ROW TO DETERMINE DEPTH OF ANY EXISTING UTILITIES. CONTACT UTILITY TO DISCUSS IF HYDRO WATCH IS REQUIRED PRIOR TO COMMENCING EXCAVATION. LOCATE GAS, UNITEK, MTS, MB HYDRO 69kV AND ABANDONED GAS
22. GRADE BOULEVARD AND SOD
23. PROTECT EXISTING POWERED PARKING PEDESTAL DURING CONSTRUCTION
24. CONNECT TO EXISTING PEDESTRIAN LIGHT TO COMPLETE CIRCUIT

PRELIMINARY
NOT FOR CONSTRUCTION



No. 4671 Date: .

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	WATERMAIN	150 mm W.M.		HYDRO		— x —	⌀ PROFILE	
⬡	HYDRANT	⬡		M.T.S.		□	N/W GUTTER	
⊙	VALVE	⊙		CONCRETE		— ○ —	S/E GUTTER	
300mm L.O.S.	LAND DRAINAGE SEWER	300mm L.O.S.		ASPHALT		◇	N/W PROPERTY LINE	
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.		PROPERTY LINE		○	S/E PROPERTY LINE	
○	MANHOLE	●	⊕	SURVEY BAR				
□	CATCH BASIN	■	235.750	ELEVATION	35.750			
▽	CATCH PIT	▼	3500*	TREE				
↑	TRAFFIC SIGNAL POLE			SIDEWALK RAMP				
↑	STREET LIGHT			CONCRETE SIDEWALK				
	GAS			FENCE				
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE	DATE
-----------------------------------	------

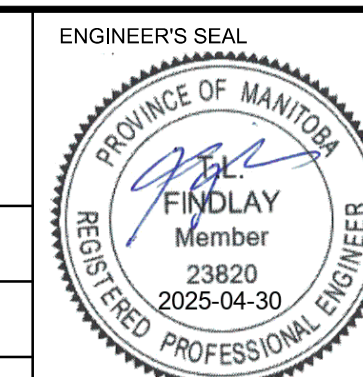
NOTE:
LOCATION OF UNDERGROUND STRUCTURES ARE SHOWN AS BASED ON THE BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. ELEV.	Zone: 35, # 4, 74M637 - Tblt. in N. wall of City Administration Building., 0.6m E. of W. entrance on James Ave.
---------------	---

ELEVATION: 232.156



DESIGNED BY	SDF	CHECKED BY	SS
DRAWN BY	SDF	APPROVED BY	TLF
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10		
DATE	02/12/2024	DATE	



CONSULTANT DRAWING NO.
CT-13



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2025 INDUSTRIAL STREET RENEWAL PROGRAM
RUPERT AVENUE

CONCRETE PAVEMENT RECONSTRUCTION
STATION 0+195 TO LILY STREET
PLAN/PROFILE

CITY DRAWING NUMBER

PAGE 13 OF 17