



- CONSTRUCTION STAGING & TRAFFIC MANAGEMENT NOTES:**
1. TRAFFIC MANAGEMENT IS PER CLAUSE E7 OF THE TENDER DOCUMENT.
 2. MAINTAIN WEST SIDE PEDESTRIAN ACCESS AT ALL TIMES.
 3. MAINTAIN TEMPORARY CROSSWALK AT WEDGEWOOD DRIVE UNTIL NEW PEDESTRIAN CORRIDOR IS OPERATIONAL.
 4. MAINTAIN NORTH-SOUTH PEDESTRIAN CROSSING ON THE EAST SIDE OF PEMBINA HIGHWAY AT UNIVERSITY CRESCENT AT ALL TIMES.
 5. EXISTING TRANSIT STOP LOCATIONS ARE TO BE MAINTAINED AT ALL TIMES WITH PORTABLE SIGNS AND MUST MEET ACCESSIBILITY GUIDELINES.

PRELIMINARY
NOT FOR CONSTRUCTION
Date: 05/26/22

**ENGINEERS
GEOLOGISTS
MANITOBA**
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 05/26/22

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">150 mm W.M.</td> <td style="width: 50%; text-align: center;">150 mm W.M.</td> </tr> <tr> <td style="text-align: center;">◇ HYDRANT</td> <td style="text-align: center;">◆ HYDRANT</td> </tr> <tr> <td style="text-align: center;">⊙ VALVE</td> <td style="text-align: center;">⊙ VALVE</td> </tr> <tr> <td style="text-align: center;">300mm L.D.S.</td> <td style="text-align: center;">300mm L.D.S.</td> </tr> <tr> <td style="text-align: center;">□ LAND DRAINAGE SEWER</td> <td style="text-align: center;">□ LAND DRAINAGE SEWER</td> </tr> <tr> <td style="text-align: center;">250mm W.W.S.</td> <td style="text-align: center;">250mm W.W.S.</td> </tr> <tr> <td style="text-align: center;">○ MANHOLE</td> <td style="text-align: center;">● MANHOLE</td> </tr> <tr> <td style="text-align: center;">□ CATCH BASIN</td> <td style="text-align: center;">■ CATCH BASIN</td> </tr> <tr> <td style="text-align: center;">▽ CATCH PIT</td> <td style="text-align: center;">▽ CATCH PIT</td> </tr> <tr> <td style="text-align: center;">JUNCTIONS</td> <td style="text-align: center;">JUNCTIONS</td> </tr> <tr> <td style="text-align: center;">CULVERT</td> <td style="text-align: center;">CULVERT</td> </tr> <tr> <td style="text-align: center;">GAS</td> <td style="text-align: center;">GAS</td> </tr> <tr> <td style="text-align: center;">EXISTING</td> <td style="text-align: center;">PROPOSED</td> </tr> </table>	150 mm W.M.	150 mm W.M.	◇ HYDRANT	◆ HYDRANT	⊙ VALVE	⊙ VALVE	300mm L.D.S.	300mm L.D.S.	□ LAND DRAINAGE SEWER	□ LAND DRAINAGE SEWER	250mm W.W.S.	250mm W.W.S.	○ MANHOLE	● MANHOLE	□ CATCH BASIN	■ CATCH BASIN	▽ CATCH PIT	▽ CATCH PIT	JUNCTIONS	JUNCTIONS	CULVERT	CULVERT	GAS	GAS	EXISTING	PROPOSED	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">HYDRO</td> <td style="width: 50%; text-align: center;">HYDRO</td> </tr> <tr> <td style="text-align: center;">M.T.S.</td> <td style="text-align: center;">M.T.S.</td> </tr> <tr> <td style="text-align: center;">CONCRETE</td> <td style="text-align: center;">CONCRETE</td> </tr> <tr> <td style="text-align: center;">ASPHALT</td> <td style="text-align: center;">ASPHALT</td> </tr> <tr> <td style="text-align: center;">PROPERTY LINE</td> <td style="text-align: center;">PROPERTY LINE</td> </tr> <tr> <td style="text-align: center;">SURVEY BAR</td> <td style="text-align: center;">SURVEY BAR</td> </tr> <tr> <td style="text-align: center;">ELEVATION</td> <td style="text-align: center;">ELEVATION</td> </tr> <tr> <td style="text-align: center;">TREE</td> <td style="text-align: center;">TREE</td> </tr> <tr> <td style="text-align: center;">SIDEWALK RAMP</td> <td style="text-align: center;">SIDEWALK RAMP</td> </tr> <tr> <td style="text-align: center;">CONCRETE SIDEWALK</td> <td style="text-align: center;">CONCRETE SIDEWALK</td> </tr> <tr> <td style="text-align: center;">FENCE</td> <td style="text-align: center;">FENCE</td> </tr> <tr> <td style="text-align: center;">EXISTING</td> <td style="text-align: center;">PROPOSED</td> </tr> </table>	HYDRO	HYDRO	M.T.S.	M.T.S.	CONCRETE	CONCRETE	ASPHALT	ASPHALT	PROPERTY LINE	PROPERTY LINE	SURVEY BAR	SURVEY BAR	ELEVATION	ELEVATION	TREE	TREE	SIDEWALK RAMP	SIDEWALK RAMP	CONCRETE SIDEWALK	CONCRETE SIDEWALK	FENCE	FENCE	EXISTING	PROPOSED	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">PROFILE</td> <td style="width: 50%; text-align: center;">PROFILE</td> </tr> <tr> <td style="text-align: center;">EAST GUTTER</td> <td style="text-align: center;">EAST GUTTER</td> </tr> <tr> <td style="text-align: center;">EAST MEDIAN GUTTER</td> <td style="text-align: center;">EAST MEDIAN GUTTER</td> </tr> <tr> <td style="text-align: center;">WEST GUTTER</td> <td style="text-align: center;">WEST GUTTER</td> </tr> <tr> <td style="text-align: center;">WEST MEDIAN GUTTER</td> <td style="text-align: center;">WEST MEDIAN GUTTER</td> </tr> <tr> <td style="text-align: center;">E PROPERTY LINE</td> <td style="text-align: center;">E PROPERTY LINE</td> </tr> <tr> <td style="text-align: center;">W PROPERTY LINE</td> <td style="text-align: center;">W PROPERTY LINE</td> </tr> <tr> <td style="text-align: center;">EXISTING</td> <td style="text-align: center;">PROPOSED</td> </tr> </table>	PROFILE	PROFILE	EAST GUTTER	EAST GUTTER	EAST MEDIAN GUTTER	EAST MEDIAN GUTTER	WEST GUTTER	WEST GUTTER	WEST MEDIAN GUTTER	WEST MEDIAN GUTTER	E PROPERTY LINE	E PROPERTY LINE	W PROPERTY LINE	W PROPERTY LINE	EXISTING	PROPOSED	<p>LOCATION APPROVED UNDERGROUND STRUCTURES</p> <p>SUPV. U/G STRUCTURES COMMITTEE DATE</p> <p>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.</p>	<p>B.M. ELEV. 74M574 - Tilt. in W. wall of Conc. parking garage of No. 77 University Cres. E. of Pembina Hwy., 0.9 m N. of S.W. cor. of garage, & 2.6 m below recreation deck.</p> <p style="text-align: center;">ELEVATION: 234.128</p>	<p style="text-align: center;">AECOM</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DESIGNED BY</td> <td>JT</td> <td>CHECKED BY</td> <td>BC</td> </tr> <tr> <td>DRAWN BY</td> <td>JT</td> <td>APPROVED BY</td> <td>RC</td> </tr> <tr> <td>HOR. SCALE:</td> <td>1:250</td> <td>ORIGINAL SIGNED BY:</td> <td></td> </tr> <tr> <td>VERTICAL:</td> <td>1:10</td> <td>DATE</td> <td>05/11/22</td> </tr> </table>	DESIGNED BY	JT	CHECKED BY	BC	DRAWN BY	JT	APPROVED BY	RC	HOR. SCALE:	1:250	ORIGINAL SIGNED BY:		VERTICAL:	1:10	DATE	05/11/22	<p>ENGINEER'S SEAL</p> <p>CONSULTANT DRAWING NO. CT-02</p>	<p style="text-align: center;">THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION</p> <p style="text-align: center;">2022 REGIONAL STREET RENEWAL PROGRAM UNIVERSITY CRESCENT FROM THATCHER DRIVE TO PEMBINA HIGHWAY</p> <p style="text-align: center;">CONCRETE PAVEMENT RECONSTRUCTION & REHABILITATION THATCHER DRIVE TO PEMBINA HIGHWAY CONSTRUCTION STAGING AND TRAFFIC MANAGEMENT - STAGE 2A</p> <p style="text-align: right;">CITY DRAWING NUMBER P-3559-02 SHEET 02 OF 11</p>
150 mm W.M.	150 mm W.M.																																																																																								
◇ HYDRANT	◆ HYDRANT																																																																																								
⊙ VALVE	⊙ VALVE																																																																																								
300mm L.D.S.	300mm L.D.S.																																																																																								
□ LAND DRAINAGE SEWER	□ LAND DRAINAGE SEWER																																																																																								
250mm W.W.S.	250mm W.W.S.																																																																																								
○ MANHOLE	● MANHOLE																																																																																								
□ CATCH BASIN	■ CATCH BASIN																																																																																								
▽ CATCH PIT	▽ CATCH PIT																																																																																								
JUNCTIONS	JUNCTIONS																																																																																								
CULVERT	CULVERT																																																																																								
GAS	GAS																																																																																								
EXISTING	PROPOSED																																																																																								
HYDRO	HYDRO																																																																																								
M.T.S.	M.T.S.																																																																																								
CONCRETE	CONCRETE																																																																																								
ASPHALT	ASPHALT																																																																																								
PROPERTY LINE	PROPERTY LINE																																																																																								
SURVEY BAR	SURVEY BAR																																																																																								
ELEVATION	ELEVATION																																																																																								
TREE	TREE																																																																																								
SIDEWALK RAMP	SIDEWALK RAMP																																																																																								
CONCRETE SIDEWALK	CONCRETE SIDEWALK																																																																																								
FENCE	FENCE																																																																																								
EXISTING	PROPOSED																																																																																								
PROFILE	PROFILE																																																																																								
EAST GUTTER	EAST GUTTER																																																																																								
EAST MEDIAN GUTTER	EAST MEDIAN GUTTER																																																																																								
WEST GUTTER	WEST GUTTER																																																																																								
WEST MEDIAN GUTTER	WEST MEDIAN GUTTER																																																																																								
E PROPERTY LINE	E PROPERTY LINE																																																																																								
W PROPERTY LINE	W PROPERTY LINE																																																																																								
EXISTING	PROPOSED																																																																																								
DESIGNED BY	JT	CHECKED BY	BC																																																																																						
DRAWN BY	JT	APPROVED BY	RC																																																																																						
HOR. SCALE:	1:250	ORIGINAL SIGNED BY:																																																																																							
VERTICAL:	1:10	DATE	05/11/22																																																																																						