



- CONSTRUCTION NOTES:**
- ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
 - ALL ROADWAY DIMENSIONS ARE TO BACK OF CURB.
 - ISOLATE MISCELLANEOUS ITEMS IN NEW CONCRETE WORKS AS PER SD-228C.
 - LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS. CONTRACTOR TO VERIFY ALL UNDERGROUNDS IN THE FIELD.
 - CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO TREES WITHIN THE LIMITS OF CONSTRUCTION.
 - LOCATION OF EXISTING SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
 - CB LEADS TO BE INSTALLED AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.
 - LIMITS OF CURB AND SIDEWALK RENEWAL TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
 - LIMITS OF BOULEVARD GRADING TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
 - ADJUST ALL WATER VALVES, MANHOLES, CATCH BASINS AND CATCH PITS TO GRADE.
 - PAVEMENT REPAIRS SHOWN ARE ONLY REPRESENTATIVE APPROXIMATION OF TENDERED QUANTITIES.
 - ALL PRIVATE WALKWAYS TO BE ADJUSTED TO NEW SIDEWALK OR TOP OF CURB ELEVATION, AS REQUIRED.
 - MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL INTERSECTION RADII AND BACK LANE RADII.
 - 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.
 - CONTRACTOR TO CONFIRM LOCATION AND LIMITS OF SEWER REPAIRS BY PERFORMING VIDEO INSPECTION AND REVIEWING WITH THE CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
 - HAND OR SOFT DIG METHODS REQUIRED OVER GAS UTILITIES AT INTERVALS DETERMINED BY M.B. HYDRO
 - NO WORKS, INCLUDING CONCRETE CUTTING OR BREAKING TO BE UNDERTAKEN NEAR GAS LINES UNTIL DEPTH OF COVER IS DETERMINED AND A MANITOBA HYDRO SAFETY WATCH REPRESENTATIVE IS ON SITE.
 - NO VIBRATORY COMPACTIN PERMITTED WITHIN 1M OF GAS MAINS.
 - CONTRACTOR TO FOLLOW ALL MANITOBA HYDRO REGULATIONS FOR WORK AROUND GAS LINES.

ABBREVIATIONS:

CONC	CONCRETE ROADWAY
ASP	ASPHALT ROADWAY
ASP OVLY	ASPHALT OVERLAY ROADWAY
GRAN	GRANULAR ROADWAY
PVS	PAVING STONE/BRICK
CSW	CONCRETE SIDEWALK
ASW	ASPHALT SIDEWALK
CSW	GRANULAR SIDEWALK
TYP	TYPICAL SIDEWALK
EX	EXISTING
MH	MANHOLE
WV	WATER VALVE
EL	ELEVATION
CB	CATCH BASIN
CP	CATCH PIT
CI	CURB INLET
CL	CONTROL LINE

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

- WARNING**
- IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
 - TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
 - OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.

APEGM
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: 2019/05/14

**PRELIMINARY ONLY
NOT FOR CONSTRUCTION**

<table border="0"> <tr> <td>○</td><td>HYDRANT</td> <td>⊗</td><td>CONCRETE</td> <td>—</td><td>WATERMAIN</td> <td>—</td><td>150 WM</td> </tr> <tr> <td>⊗</td><td>VALVE</td> <td>—</td><td>ASPHALT</td> <td>—</td><td>LAND DRAINAGE SEWER</td> <td>—</td><td>300 LDS</td> </tr> <tr> <td>○</td><td>MANHOLE</td> <td>—</td><td>SIDEWALK</td> <td>—</td><td>WASTE WATER SEWER</td> <td>—</td><td>250 WWS</td> </tr> <tr> <td>□</td><td>CATCH BASIN</td> <td>—</td><td>PAVING STONES</td> <td>—</td><td>HYDRANT</td> <td>+</td><td></td> </tr> <tr> <td>▽</td><td>CATCH PIT</td> <td>—</td><td>PAVEMENT REPAIR FABRIC</td> <td>—</td><td>VALVE</td> <td>×</td><td></td> </tr> <tr> <td>—</td><td>150 WM</td> <td>—</td><td>PROPERTY LINE</td> <td>—</td><td>⊕</td><td>PROFILE</td> <td>—</td><td></td> </tr> <tr> <td>—</td><td>300 LDS</td> <td>—</td><td>ELEVATION</td> <td>—</td><td>⊕</td><td>NORTH/WEST GUTTER</td> <td>—</td><td></td> </tr> <tr> <td>—</td><td>250 WWS</td> <td>—</td><td>TRAFFIC SIGNAL</td> <td>—</td><td>⊕</td><td>SOUTH/EAST GUTTER</td> <td>—</td><td></td> </tr> <tr> <td>—</td><td>HYDRO</td> <td>—</td><td>SURVEY BAR</td> <td>—</td><td>⊕</td><td>NORTH/WEST DITCH</td> <td>—</td><td></td> </tr> <tr> <td>—</td><td>M.T.S.</td> <td>—</td><td>CURB RAMP</td> <td>—</td><td>⊕</td><td>SOUTH/EAST DITCH</td> <td>—</td><td></td> </tr> <tr> <td>—</td><td>100 GAS</td> <td>—</td><td>DETECTABLE TILE</td> <td>—</td><td>⊕</td><td></td> <td>—</td><td></td> </tr> <tr> <td>—</td><td>EXISTING</td> <td>—</td><td>LEGEND-PLAN</td> <td>—</td><td>⊕</td><td>LEGEND-PROFILE</td> <td>—</td><td></td> </tr> <tr> <td>—</td><td>PROPOSED</td> <td>—</td><td>PROPOSED</td> <td>—</td><td>⊕</td><td>PROPOSED</td> <td>—</td><td></td> </tr> </table>	○	HYDRANT	⊗	CONCRETE	—	WATERMAIN	—	150 WM	⊗	VALVE	—	ASPHALT	—	LAND DRAINAGE SEWER	—	300 LDS	○	MANHOLE	—	SIDEWALK	—	WASTE WATER SEWER	—	250 WWS	□	CATCH BASIN	—	PAVING STONES	—	HYDRANT	+		▽	CATCH PIT	—	PAVEMENT REPAIR FABRIC	—	VALVE	×		—	150 WM	—	PROPERTY LINE	—	⊕	PROFILE	—		—	300 LDS	—	ELEVATION	—	⊕	NORTH/WEST GUTTER	—		—	250 WWS	—	TRAFFIC SIGNAL	—	⊕	SOUTH/EAST GUTTER	—		—	HYDRO	—	SURVEY BAR	—	⊕	NORTH/WEST DITCH	—		—	M.T.S.	—	CURB RAMP	—	⊕	SOUTH/EAST DITCH	—		—	100 GAS	—	DETECTABLE TILE	—	⊕		—		—	EXISTING	—	LEGEND-PLAN	—	⊕	LEGEND-PROFILE	—		—	PROPOSED	—	PROPOSED	—	⊕	PROPOSED	—		<p>UNDERGROUND STRUCTURES</p> <p>SUPV. U/G STRUCTURES DATE</p> <p>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.</p> <table border="1"> <tr><td>1</td><td>ISSUED FOR ADDENDUM #1</td><td>19/05/27</td><td>BC</td></tr> <tr><td>0</td><td>ISSUED FOR TENDER</td><td>19/05/14</td><td>BC</td></tr> <tr><td>NO.</td><td>REVISIONS</td><td>DATE</td><td>BY</td></tr> </table>	1	ISSUED FOR ADDENDUM #1	19/05/27	BC	0	ISSUED FOR TENDER	19/05/14	BC	NO.	REVISIONS	DATE	BY	<p>DESIGNED BY: PMW</p> <p>DRAWN BY: PMW</p> <p>CHECKED BY: RTP</p> <p>APPROVED BY: BC</p> <p>HOR. SCALE: 1:250</p> <p>VERTICAL: 1:10</p> <p>RELEASED FOR CONSTRUCTION: DATE</p>	<p>ENGINEER'S SEAL</p> <p>PROVINCE OF MANITOBA</p> <p>REGISTERED PROFESSIONAL ENGINEER</p> <p>S.B. COOK</p> <p>2019/05/14</p> <p>CONSULTANT PROJECT NUMBER: 18-8858</p>	<p>THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT</p> <p>2019 LOCAL STREETS RENEWAL PROGRAM TRAVERSE AVENUE, HAMEL AVENUE, FLYNN STREET, AND VARIOUS OTHER LOCATIONS</p> <p>HAZELWOOD AVENUE - PLAN-PROFILE (STA. 1+145 TO 1+265)</p>	<p>CITY DRAWING NUMBER</p> <p>SHEET 11 OF 20</p> <p>CONSULTANT DRAWING NUMBER</p>
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