



- CONSTRUCTION NOTES:**
- ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
  - ALL 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
GSW	GRANULAR SIDEWALK
TYP	TYPICAL
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.

**PRELIMINARY ONLY  
NOT FOR CONSTRUCTION**

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

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	
MTS	M.T.S.	SOUTH/EAST DITCH	
100 GAS	Detectable Tile		
EXISTING	LEGEND-PLAN	PROPOSED	LEGEND-PROFILE

**UNDERGROUND STRUCTURES**

SUPV. U/G STRUCTURES	DATE
0	ISSUED FOR TENDER
19/05/14	BC
2019/05/14	

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.

DESIGNED BY	PMW
DRAWN BY	PMW
CHECKED BY	RTP
APPROVED BY	BC
HOR. SCALE	1:250
VERTICAL	1:10
DATE	2019/05/14

**DILLON CONSULTING**

REGISTERED PROFESSIONAL ENGINEER

PROVINCE OF MANITOBA  
ORIGINAL STAMPED BY  
S.B. COOK  
2019/05/14

**THE CITY OF WINNIPEG  
PUBLIC WORKS DEPARTMENT**

2019 LOCAL STREETS RENEWAL PROGRAM  
TRAVERSE AVENUE, HAMEL AVENUE, FLYNN STREET, AND VARIOUS OTHER LOCATIONS

TRAYNOR BAY - PLAN-PROFILE  
(STA. 1+195 TO END)

CITY DRAWING NUMBER  
SHEET 18 OF 20  
CONSULTANT DRAWING NUMBER