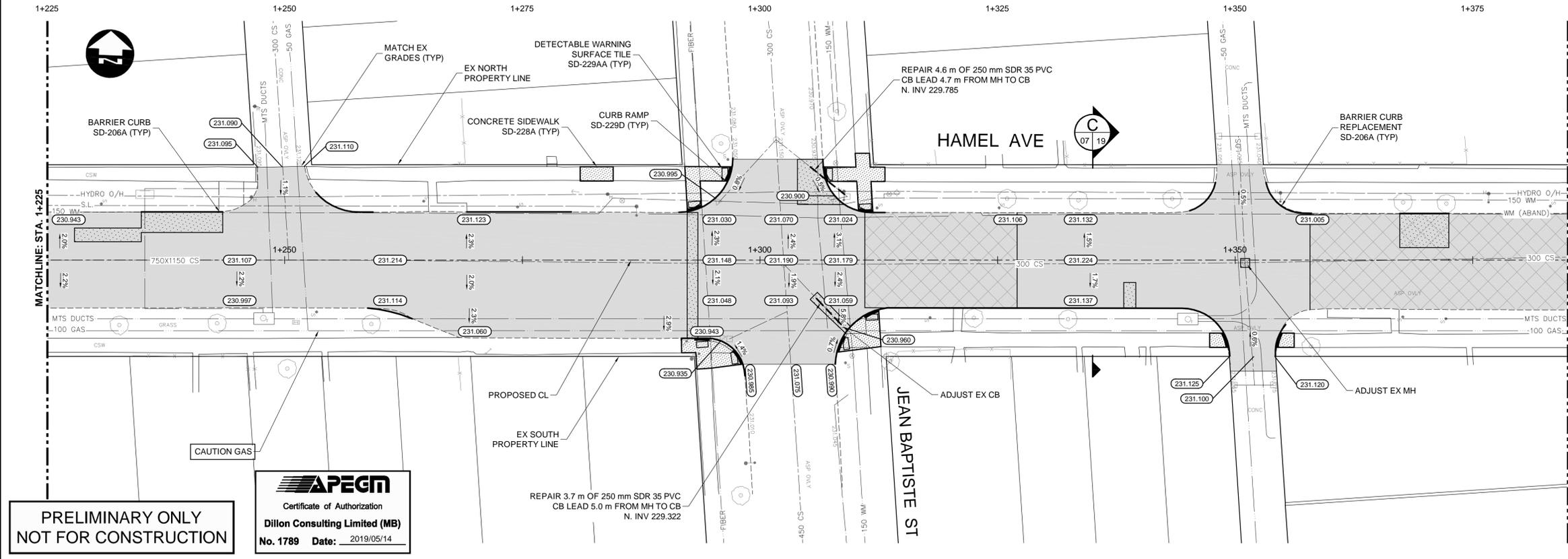


- CONSTRUCTION NOTES:**
1. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH LATEST REVISION OF THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
  2. ISOLATE MISCELLANEOUS ITEMS IN NEW CONCRETE WORKS AS PER SD-228C.
  3. LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS. CONTRACTOR TO VERIFY ALL UNDERGROUNDS IN THE FIELD.
  4. CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO TREES WITHIN THE LIMITS OF CONSTRUCTION.
  5. LOCATION OF EXISTING SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
  6. CB LEADS TO BE INSTALLED AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.
  7. LIMITS OF CURB AND SIDEWALK RENEWAL TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
  8. LIMITS OF BOULEVARD GRADING TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
  9. ADJUST ALL WATER VALVES, MANHOLES, CATCH BASINS AND CATCH PITS TO GRADE.
  10. PAVEMENT REPAIRS SHOWN ARE ONLY REPRESENTATIVE APPROXIMATION OF TENDERED QUANTITIES.
  11. ALL PRIVATE WALKWAYS TO BE ADJUSTED TO NEW SIDEWALK OR TOP OF CURB ELEVATION, AS REQUIRED.
  12. MODIFIED BARRIER CURB TO BE CONSTRUCTED AT ALL INTERSECTION RADII AND BACK LANE RADII.
  13. 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.
  14. CONTRACTOR TO CONFIRM LOCATION AND LIMITS OF SEWER REPAIRS BY PERFORMING VIDEO INSPECTION AND REVIEWING WITH THE CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
  15. HAND OR SOFT DIG METHODS REQUIRED OVER GAS UTILITIES AT INTERVALS DETERMINED BY M.B. HYDRO
  16. 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.
  17. NO VIBRATORY COMPACTIN PERMITTED WITHIN 1M OF GAS MAINS.
  18. 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                 |
| EX       | EXISTING                |
| MH       | MANHOLE                 |
| WM       | 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:
1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
  2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
  3. 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
VALVE	ASPHALT	LAND DRAINAGE SEWER
MANHOLE	SIDEWALK	WASTE WATER SEWER
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	PROPOSED

**UNDERGROUND STRUCTURES**

SUPPLY, U/G STRUCTURES DATE

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. ELEV.	
DESIGNED BY	PMW
DRAWN BY	PMW
CHECKED BY	RTP
APPROVED BY	BC
HOR. SCALE	1:250
VERTICAL	1:10
ISSUED FOR TENDER	19/05/14
NO. REVISIONS	DATE BY

**DILLON CONSULTING**

DESIGNED BY: PMW  
DRAWN BY: PMW  
CHECKED BY: RTP  
APPROVED BY: BC

HOR. SCALE: 1:250  
VERTICAL: 1:10

ISSUED FOR TENDER: 19/05/14  
NO. REVISIONS: DATE BY

**ENGINEER'S SEAL**

PROVINCE OF MANITOBA  
ORIGINAL STAMPED BY  
**S.B. COOK**  
2019/05/14  
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NUMBER  
**18-8858**

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

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

CITY DRAWING NUMBER  
SHEET **07** OF **20**

CONSULTANT DRAWING NUMBER  
**HAMEL AVENUE - PLAN-PROFILE (STA. 1+225 TO 1+385)**

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