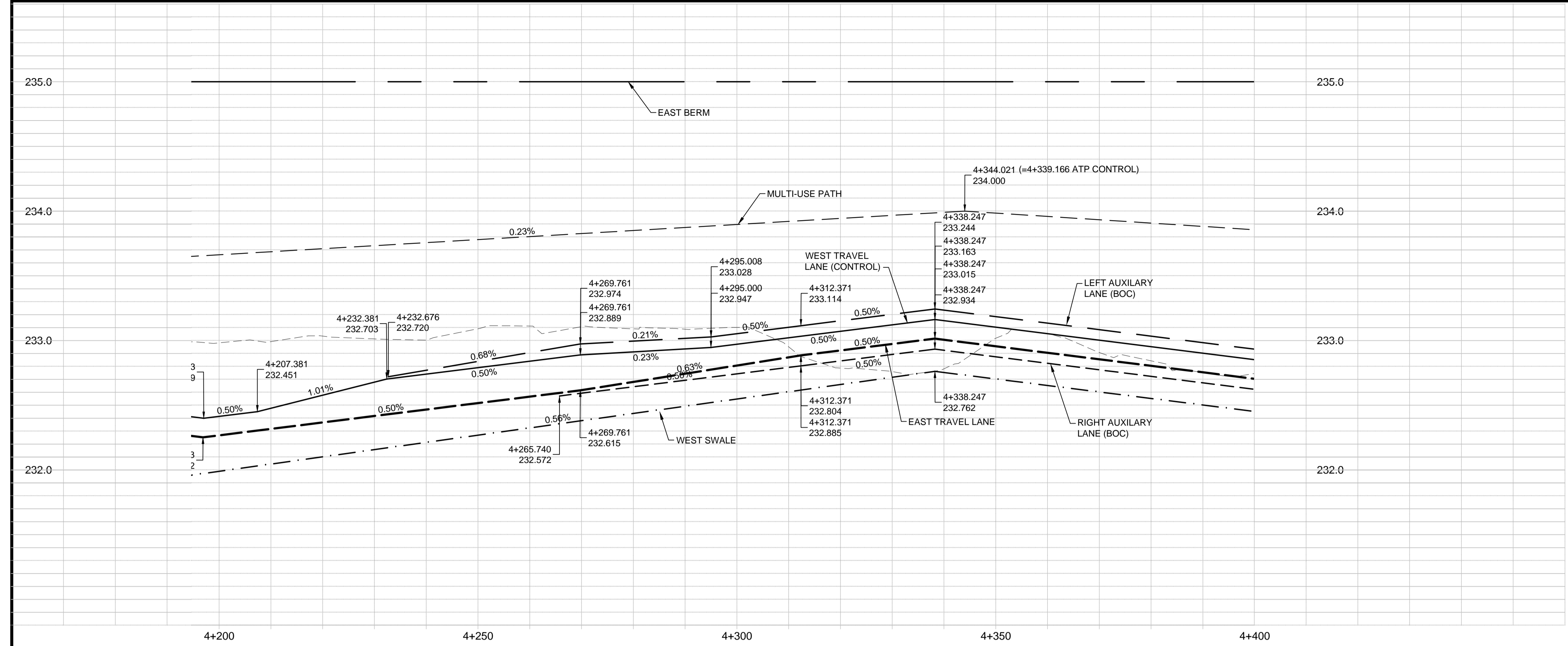
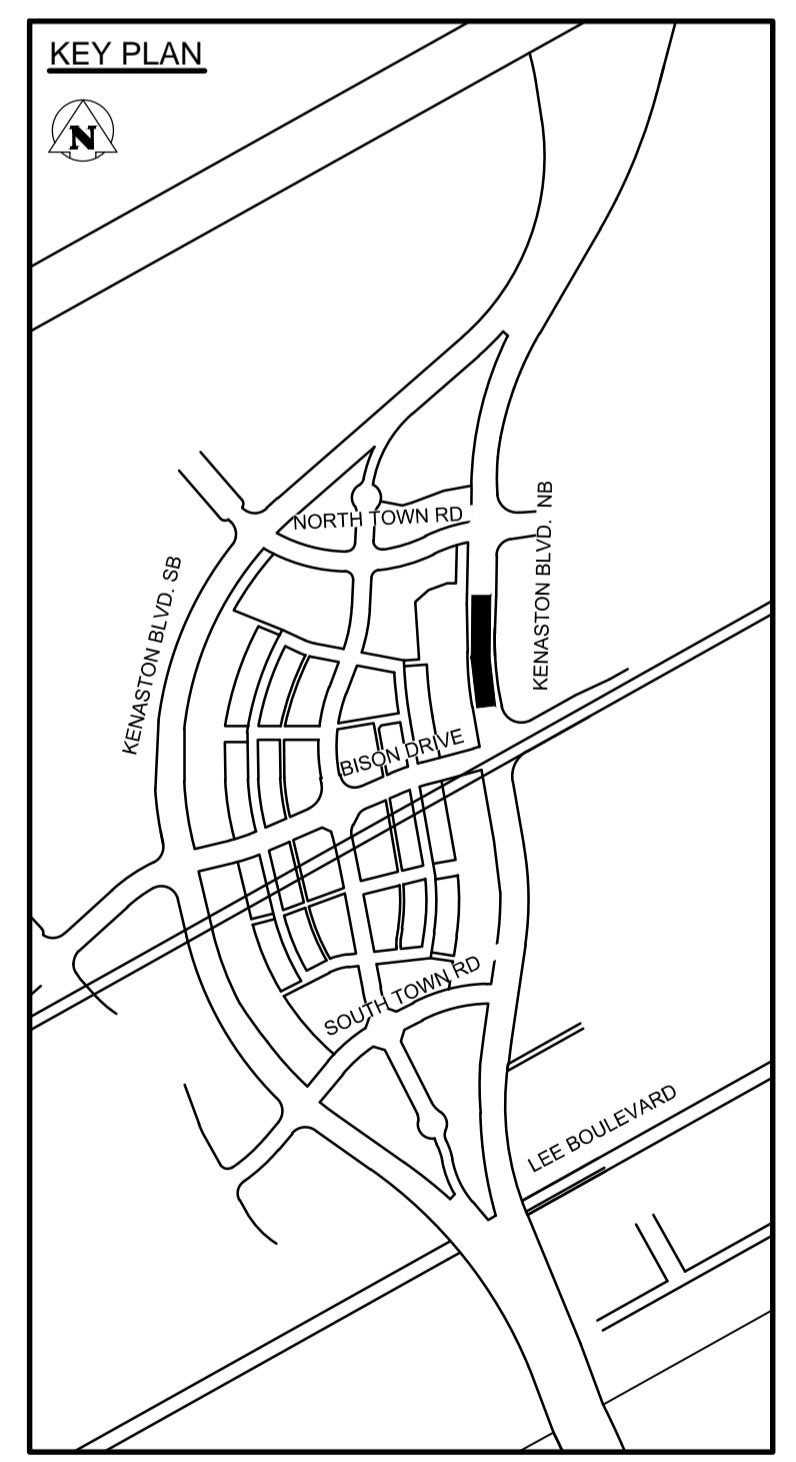
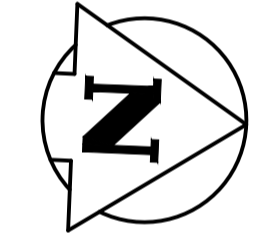
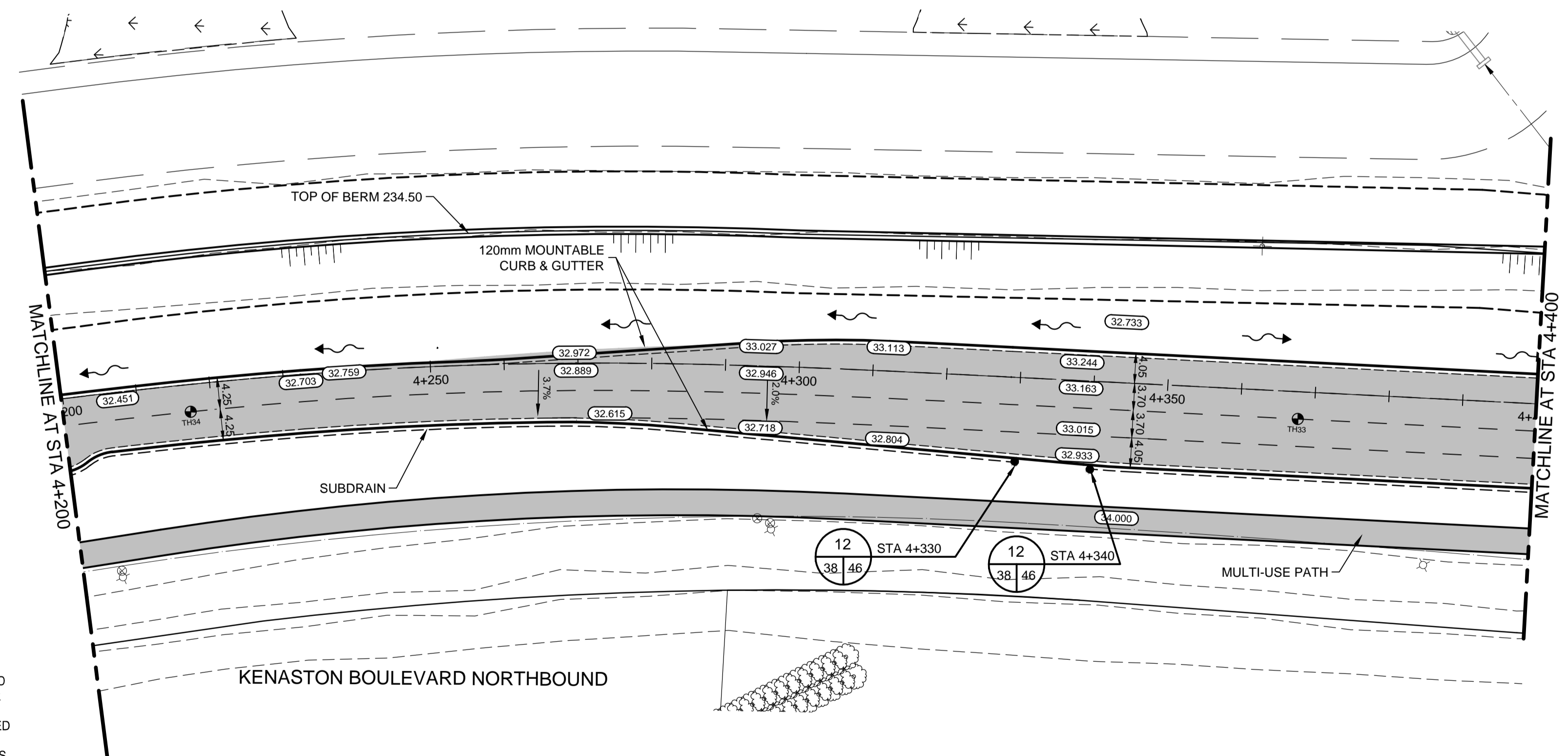


- CONSTRUCTION NOTES:**
- EACH CATCH BASIN (CB) AND CATCH PIT (CP) INSTALLED IN PAVEMENT TO HAVE AP-011 FRAME AND COVER.
  - EACH DITCH INLET CATCH BASIN TO HAVE A DITCH INLET GRATE AS PER DETAIL SHEET 52.
  - CONTRACTOR TO EXPOSE AND VERIFY INVERTS OF ALL JUNCTIONS OR CONNECTIONS TO MAINLINE LDS PRIOR TO INSTALLATION OF CATCH BASINS.
  - CLASS 3 BACKFILL TO BE USED WITHIN 1.0m OF PAVEMENT FOR ALL UNDERGROUND INSTALLATIONS.
  - EXISTING MANHOLES AND CATCH BASINS TO BE ADJUSTED TO DESIGN ELEVATION.
  - INSTALL 200mm CONCRETE TRANSITION SLABS C/W ASPHALT OVERLAY WHERE ASPHALT PAVEMENT MATCHES CONCRETE PAVEMENT.
  - ADD 200.00m TO ABBREVIATED ELEVATION TO OBTAIN GEODETIC ELEVATION.



**KENASTON BOULEVARD NORTHBOUND**



**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.

84R635 - Lake Crest Rd. & Waverley St. Tblt top of 0.05m dia. x 2.4m iron pipe, 14.2m N. of S.L. of Lake Crest Rd. & 0.6m E. of E.L. of Waverley St.

**APEGM**  
Certificate of Authorization  
Stantec Consulting Ltd.  
No. 1301

150 WM	150 WM	MTS	M.T.S.	MTS	150 mm W.M.	150 mm W.M.	150 mm W.M.
HYDRANT VALVE	HYDRANT VALVE		CONCRETE ASPHALT		HYDRANT VALVE		HYDRANT VALVE
300 LDS LAND DRAINAGE SEWER	300 LDS LAND DRAINAGE SEWER		PLANNING		300 mm L.D.S. LAND DRAINAGE SEWER		300 mm L.D.S. LAND DRAINAGE SEWER
250 WWS WASTE WATER SEWER	250 WWS WASTE WATER SEWER		SIDEWALK		250 mm W.W.S. WASTE WATER SEWER		250 mm W.W.S. WASTE WATER SEWER
MANHOLE	MANHOLE		PAVING STONES		PROPERTY LINE		PROPERTY LINE
CATCH BASIN	CATCH BASIN		SURVEY BAR		CURB RAMP		CURB RAMP
TEST HOLES	TEST HOLES		DITCH		SWALE		SWALE
CULVERT	CULVERT						
100 GAS	100 GAS						
HYDRO	HYDRO						
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE

**UNDERGROUND STRUCTURES**

SUPV. U/G STRUCTURES COMMITTEE DATE

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.

B.M.	ELEV.	DATE	BY
76-030	232.457m		
2	ISSUED FOR TENDER	3/04/08	V.M.M.
1	ISSUED FOR REVIEW	3/03/27	V.M.M.
0	ISSUED FOR 90% REVIEW	13/02/22	V.M.M.
NO.	REVISIONS	DATE	BY

DESIGNED BY: R.T.F., J.D.P.  
DRAWN BY: J.D.P.  
CHECKED BY: S.B.C.  
APPROVED BY: V.M.M.

DESIGN TEAM

RELEASED FOR CONSTRUCTION

DATE: 13/02/22

ENGINEER'S SEAL

PROVINCE OF MANITOBA REGISTERED PROFESSIONAL ENGINEER

V.M. MAROTI MEMBER 30809

CONSULTANT PROJECT NUMBER: 113705751

**THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT**

WWARP PART 3 - CONTRACT 1  
STA 2+922.4 TO STA 5+935

KENASTON BOULEVARD EXTENSION - NB LANES  
PAVING & GRADING - KENASTON BLVD NB  
STA 4+200 TO STA 4+400

CITY DRAWING NUMBER: P-3345-38  
SHEET: 38 OF 64  
CONSULTANT DRAWING NUMBER: C-227

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