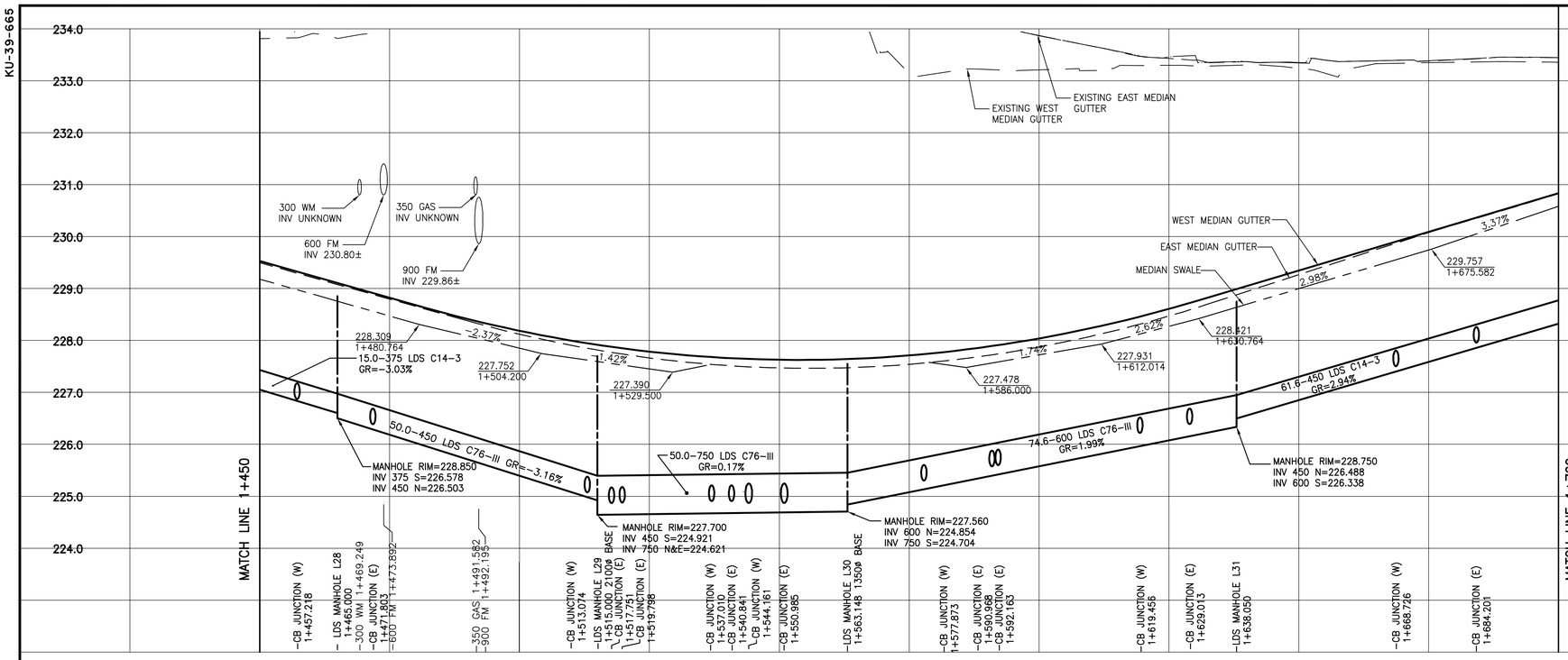
KU-39-665

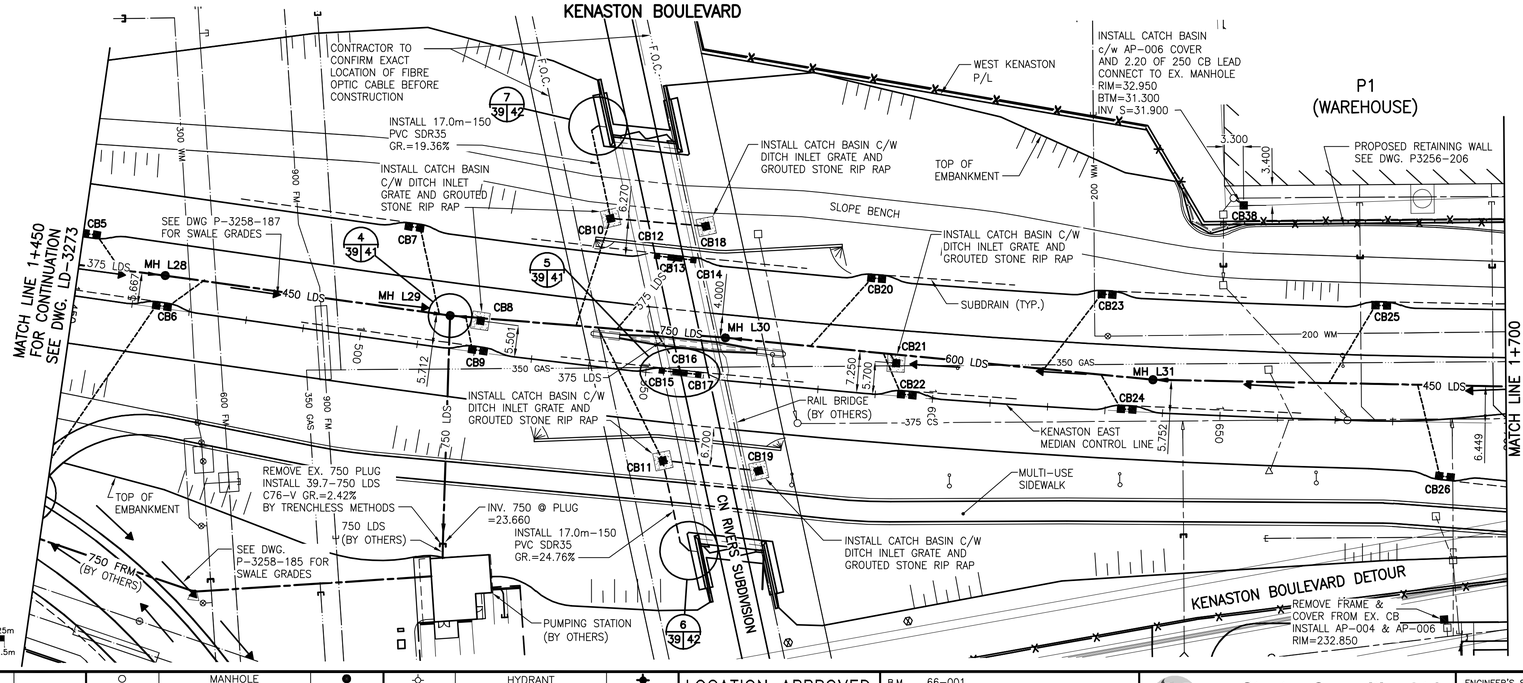


CB#	STATION*	TOP ELEV	BTM ELEV	PIPE LEAD	INV OF OUTLET	INV OF INLET
CB5	1+451.249	29.438	27.188	7.5m–300mm	27.788	28.088
CB6	1+465.187	29.051	26.801	15.6m–300mm	27.401	27.701
CB7	1+506.744	27.846	25.596	15.3m–300mm	26.196	26.496
CB8	1+520.382	27.450	25.200	1.5m–250mm	25.800	N/A
CB9	1+520.581	27.706	25.456	9.1m–300mm	26.056	26.356
CB10	1+542.077	28.200	25.950	16.5m–300mm	26.550	N/A
CB11	1+555.819	28.350	26.100	16.0m–300mm	26.700	N/A
CB12	1+549.740	27.441	26.535	2.0m–250mm	26.610	N/A
CB13	1+552.945	27.439	25.164	16.0m–375mm	25.764	25.889 N&S
CB14	1+556.183	27.441	26.535	2.0m–250mm	26.610	N/A
CB15	1+552.729	27.446	26.540	2.0m–250mm	26.615	N/A
CB16	1+555.892	27.444	25.169	8.0m–375mm	25.769	25.864 N&S
CB17	1+559.088	27.446	26.540	2.0m–250mm	26.615	N/A
CB18	1+557.770	28.180	26.530	15.5m 250mm	N/A	27.130
CB19	1+571.124	28.400	26.750	17.0m 250mm	N/A	27.350
CB20	1+588.645	27.682	25.432	14.0m–300mm	26.032	26.332
CB21	1+593.212	27.450	25.200	2.5m–250mm	25.800	N/A
CB22	1+595.475	27.773	25.523	9.4m–300mm	26.123	26.423
CB23	1+629.289	28.551	26.301	16.5m–300mm	26.901	27.201
CB24	1+633.765	28.784	26.534	7.2m–300mm	27.134	27.434
CB25	1+677.525	29.977	27.727	16.0m–300mm	28.327	28.627
CB26	1+689.218	30.295	28.045	16.3m–300mm	28.645	28.945
CB38	N/A	33.010	30.760	2.20m–250mm	31.360	N/A

* BASED ON KENASTON EAST MEDIAN CONTROL LINE

NOTES:

1. DOUBLE INLETS TO BE SD–023 AND SD–024 WITH AP–009 COVER, SEE DETAIL DWG. LD–3276.
2. ALL DOUBLE INLETS TO HAVE 250mm INTER CONNECTION PIPING AND 300 LEADS TO MAIN LINE, SEE DETAIL DWG. LD–3276.
3. ALL DITCH INLETS TO BE SD–025, SEE DETAIL DWG. LD–3276.
4. SEE DWG D–8891 & D–8892 FOR UNDERGROUND DECOMMISSIONING.
5. 750 FRM, 900 FM, 600 FM, AND 375 LDS FOR RAMP TO WILKES BETWEEN STA 1+265 & STA 1+516.2 NOT SHOWN ON PROFILE FOR CLARITY.
6. REFER TO DWG. LD–3276 FOR SAG INLET DETAILS.
7. RAIL DETOUR NOT SHOWN FOR CLARITY.
8. EXISTING HYDRO STREET LIGHT CABLE (TO BE ABANDONED BY OTHERS) NOT SHOWN FOR CLARITY.
9. CB'S 12, 14, 15, AND 17 ARE CATCH PITS (SD–023).
10. CONTRACTOR TO COORDINATE WITH FIBRE OPTIC UTILITIES AND BE RESPONSIBLE FOR SOFTDIGS/EXCAVATION, TEMPORARY SUPPORT AND SUPERVISION ASSOCIATED WITH FIBRE OPTIC UTILITY REQUIREMENTS.
11. CONTRACTOR TO TAKE EXTRA PRECAUTIONS NOT DISTURB SOIL NEAR EXISTING OR PROPOSED THRUST BLOCKS ON PRESSURE MAINS.



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 140/92 FOR DETAILS

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM Certificate of Authorization
Stantec Consulting Ltd.
No. 1301 Expiry: April 30, 2006

BENCH MARK: BOLT IN 12.5m CONC. PILE, 2.4m N. OF S.L. OF WILKES AVE. (FENCE LINE), & 7m E. OF E. FACE OF 2nd TOWER W. OF THE MOST ELY. SET OF TRACKS OF C.P.R. LA RIVIERE SUB. DIV.

GAS		○	MANHOLE	●	◇	HYDRANT	✦	
MTS		□	CATCH BASIN/CATCH PIT	■	⊗	WATERMAIN VALVE	⊗	
HYDRO		△	C & G INLET WITH BOX	▲	┼	GAS LINE MARKER		
VIDEON		⊙	TREE		○–○	LIGHT STANDARD		
TRAFFIC SIGNALS		TH#10	TEST HOLE		⊢	GUY WIRE		
LAND DRAINAGE SEWER			PROPERTY LINE		←○	TRAFFIC SIGNAL		
FORCEMAIN		⊕	SURVEY BAR		○	SIGN		
CATCHBASIN LEAD		⊕	GEODETIC MONUMENT		◎	SIGNAL PIT		
WATERMAIN		×	FENCE		•	BOLLARD		
SUBDRAIN			BACK OF CURB		×–×–×	FENCE	×–×–×	
DITCH		33.000 +	ELEVATION	33.000				
EXISTING	LEGEND – PLAN	NEW	EXISTING	LEGEND – PLAN	NEW	EXISTING	LEGEND – PLAN	NEW

LOCATION APPROVED
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. 66–001
ELEV. 233.425m

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	06.03.03	AJR

Stantec
Stantec Consulting Ltd.
905 Waverley Street, Winnipeg, Manitoba
Tel 204–489–5900 Fax 204–453–9012

DESIGNED BY	JKH	CHECKED BY	DGM
DRAWN BY	TAG	APPROVED BY	AJR
HOR. SCALE:	1:500	AUTHORIZED BY:	DATE
VERTICAL:	1:50	R. FINGAS	06.03.03
DATE	06.01.10	R. FINGAS, P. ENG. BRIDGE PROJECTS ENGINEER	

ENGINEER'S SEAL
ORIGINAL SEALED BY A.J. RAPOSO P. ENG. 06.03.03

CONSULTANT DRAWING NO.
II3703042–U25

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

KENASTON UNDERPASS PROJECT
KENASTON BOULEVARD RECONSTRUCTION

KENASTON BOULEVARD
LAND DRAINAGE SYSTEM
STA 1+450 TO STA 1+700

SHEET 39 OF 52
CAD FILE DRAWING NUMBER ku–38–40–665.dwg
CITY DRAWING NUMBER LD–3274

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