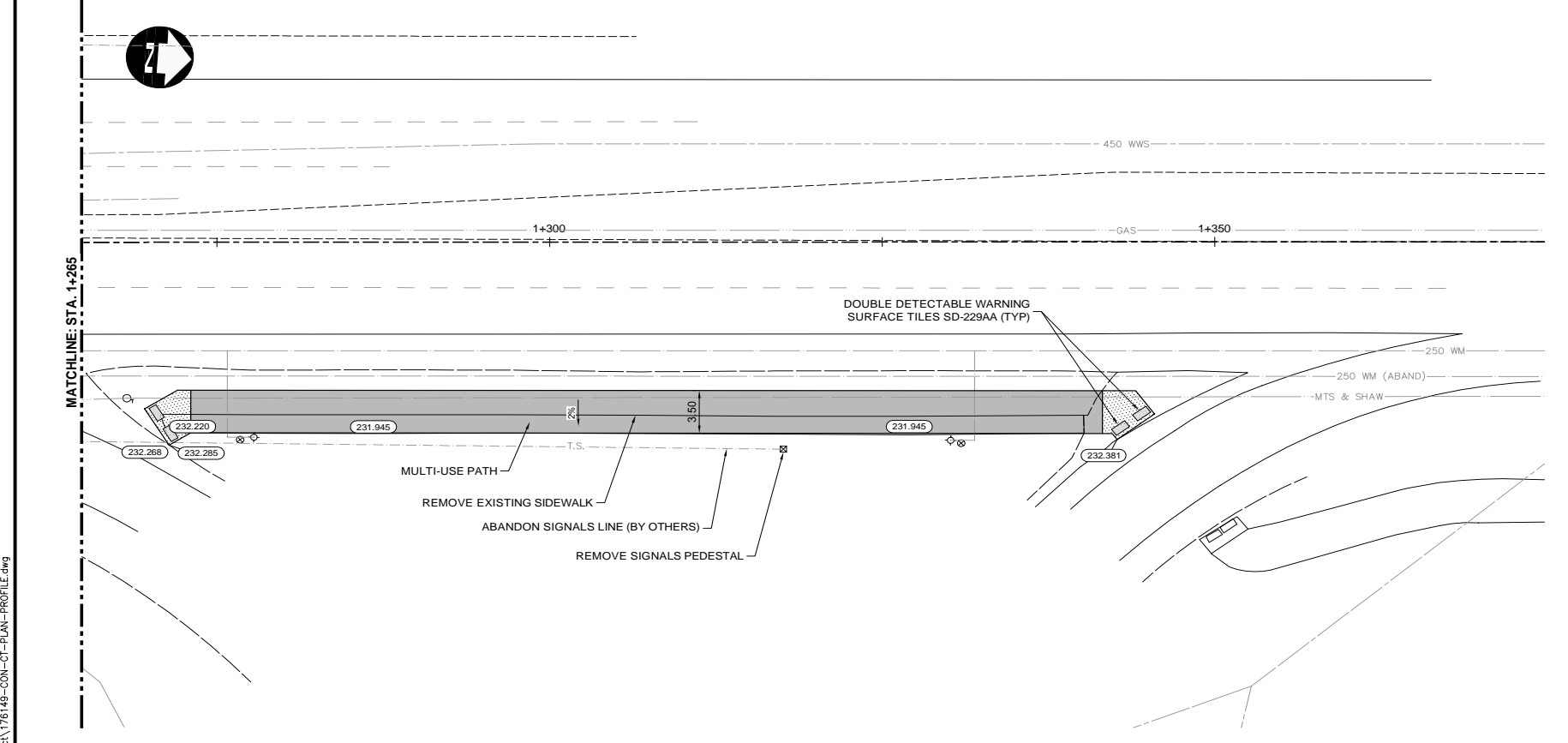


NORTHBOUND PEMBINA CONTROL LINE						
SEGMENT	STATION (START)	STATION (END)	NORTHING (START)	EASTING (START)	NORTHING (END)	EASTING (END)
L1	0+100.000	0+382.675	5514203.670	632942.805	5514444.348	632794.551
C1	0+382.675	0+596.060	5514444.348	632794.551	5514646.192	632732.811
L2	0+596.060	0+756.498	5514646.192	632732.811	5514806.491	632726.138
C2	0+756.498	0+850.790	5514806.491	632726.138	5514900.622	632729.621
L3	0+850.790	0+951.600	5514900.622	632729.621	5515000.759	632741.244
C3	0+951.600	1+060.369	5515000.759	632741.244	5515109.346	632743.950
L4	1+060.369	1+415.636	5515109.346	632743.950	5515463.846	632720.615

CURVE DATA					
#	R.	Dc	Tc	L.	L.C.
C1	418.000	29°14'56"	109.071	213.385	211.075
C2	600.000	9°00'15"	47.243	94.292	94.195
C3	600.000	10°23'12"	54.534	108.769	108.620

- CONSTRUCTION NOTES:**
- 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 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.



**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: 2018/01/17

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
150 WM	WATERMAIN	150 WM	CONCRETE	CONCRETE	CONCRETE	150 WM	WATERMAIN	150 WM
300 LDS	HYDRANT	300 LDS	ASPHALT	ASPHALT	ASPHALT	300 LDS	LAND DRAINAGE SEWER	300 LDS
250 WWS	VALVE	250 WWS	PLANING	PLANING	PLANING	250 WWS	WASTE WATER SEWER	250 WWS
100 GAS	MANHOLE	100 GAS	SIDEWALK	SIDEWALK	SIDEWALK	100 GAS	HYDRANT	100 GAS
	CATCH BASIN		PAVING STONES	PAVING STONES	PAVING STONES		VALVE	
	CURB INLET		PARTIAL DEPTH REPAIR	PARTIAL DEPTH REPAIR	PARTIAL DEPTH REPAIR		Q PROFILE	
	LAND DRAINAGE SEWER		PROPERTY LINE	PROPERTY LINE	PROPERTY LINE		NORTH/WEST GUTTER	
	WASTE WATER SEWER		DRAINAGE ARROW	DRAINAGE ARROW	DRAINAGE ARROW		SOUTH/EAST GUTTER	
	HYDRO						NORTH/WEST DITCH	
	M.T.S.						SOUTH/EAST DITCH	
	GAS							

UNDERGROUND STRUCTURES	
SUPV. U/G STRUCTURES	DATE

B.M. ELEV.	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	HOR. SCALE	VERTICAL SCALE
	TJH	TJH	TS	TJP	1:250	1:10

NO.	REVISIONS	DATE	BY
A	ISSUED FOR TENDER	18/01/17	TJP

**DILLON CONSULTING**

ENGINEER'S SEAL  
PROVINCE OF MANITOBA  
REGISTERED PROFESSIONAL ENGINEER  
T.J. PETERS  
2018/01/17  
Member 22309

**THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT**

PEMBINA HIGHWAY REHABILITATION AND ACTIVE TRANSPORTATION PATH

NORTHBOUND PEMBINA - STA. 1+625 TO END (PLAN-PROFILE)

CITY DRAWING NUMBER: P-3493-2018-08  
SHEET 08 OF 10  
CONSULTANT DRAWING NUMBER

CONSULTANT PROJECT NUMBER: 17-6149

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