



NORTHBOUND PEMBINA (NB) CONTROL LINE / BASELINE							
CONTROL POINT	STATION	COORDINATES		PARAMETER	CURVE DATA		
		NORTHING	EASTING		①	②	③
P.O.T.	1+000	5517451.682	632617.378	R	2000	2000.000	361.100
T.C.	1+274.461	5517726.143	632617.378	Δc	1°36'34"	1°29'18"	16°57'25"
C.T.	1+330.640	5517782.314	632618.167	Tc	28.091	25.976	53.828
T.C.	1+425.364	5517877.000	632620.828	L	55.178	51.950	106.869
C.T.	1+477.313	5517928.943	632621.612	L.C.	55.177	51.948	106.479
T.C.	1+827.035	5518278.664	632622.352				
C.T.	1+933.904	5518383.946	632638.273				
P.O.T.	2+083.904	5518527.332	632682.325				

SOUTHBOUND PEMBINA (SB) CONTROL LINE						
CONTROL POINT	STATION	COORDINATES		PARAMETER	CURVE DATA	
		NORTHING	EASTING		④	⑤
P.O.T.	1+300	5517831.630	632611.207	R	300.000	300.000
T.C.	1+823.447	5518275.076	632612.144	Δc	17°01'04"	
C.T.	1+912.552	5518362.849	632625.466	Tc	44.883	
P.O.T.	2+003.767	5518450.013	632652.346	L	89.105	
				L.C.	88.778	

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.

G:\CAD\114587\Contract\Current\Roadway\Control_Line_Geometry.dwg

150 WM	WATERMAIN	150 WM	HYDRO	HYDRO	HYDRO	150 mm W.M.	WATERMAIN	150 mm W.M.
+	HYDRANT	+	MTS	MTS	+	HYDRANT	+	+
+	VALVE	+			+	VALVE	+	+
+	LAND DRAINAGE SEWER	+			+	LAND DRAINAGE SEWER	+	+
+	WASTE WATER SEWER	+			+	WASTE WATER SEWER	+	+
○	MANHOLE	○			○	MANHOLE	○	○
□	CATCH BASIN	□			□	CATCH BASIN	□	□
▽	CURB INLET	▽			▽	CURB INLET	▽	▽
+	JUNCTIONS	+			+	JUNCTIONS	+	+
+	CULVERT	+			+	CULVERT	+	+
+	100 GAS	+			+	100 GAS	+	+
+	EXISTING	+	LEGEND-PLAN	+	PROPOSED	EXISTING	LEGEND-PLAN	+
+	PROPOSED	+	LEGEND-PLAN	+	PROPOSED	EXISTING	LEGEND-PROFILE	+
+	PROPOSED	+	LEGEND-PLAN	+	PROPOSED	EXISTING	LEGEND-PROFILE	+

UNDERGROUND STRUCTURES		B.M. 654271 N 5517192.470 E 632610.651 ELEV. 233.084	DESIGNED BY RTP
SUPPLY, U/G STRUCTURES COMMITTEE			DRAWN BY PMW
DATE			CHECKED BY JNC
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.			APPROVED BY DPK
			HOR. SCALE 1:500
			VERTICAL
			RELEASER FOR CONSTRUCTION ORIGINAL SIGNED BY B. KIBBINS
1 ISSUED FOR TENDER		11/06/23	JNC
NO. REVISIONS		DATE	BY
		2011/06/23	

			CITY DRAWING NUMBER P-3327-2
	RELEASED FOR CONSTRUCTION ORIGINAL SIGNED BY B. KIBBINS DATE 11/06/23		CONSULTANT PROJECT NUMBER 11-4587
CONTROL LINE GEOMETRY PEMBINA HIGHWAY		SHEET 2 OF 24 CONSULTANT DRAWING NUMBER	