



CT-P-STADACONA-SB						
SEGMENT	STATION (START)	STATION (END)	NORTHING (START)	EASTING (START)	NORTHING (END)	EASTING (END)
C8	1+008.745	1+036.905	5529919.894	635490.865	5529942.035	635507.995
C9	1+036.905	1+049.112	5529942.035	635507.995	5529950.832	635516.439
L13	1+049.112	1+062.034	5529950.832	635516.439	5529960.852	635524.599
C10	1+062.034	1+078.273	5529960.852	635524.599	5529974.407	635533.489
L14	1+078.273	1+088.836	5529974.407	635533.489	5529983.789	635538.342
C11	1+088.836	1+105.639	5529983.789	635538.342	5529998.237	635546.903
L15	1+105.639	1+125.045	5529998.237	635546.903	5530014.337	635557.737

CT-P-STADACONA-NB						
SEGMENT	STATION (START)	STATION (END)	NORTHING (START)	EASTING (START)	NORTHING (END)	EASTING (END)
C12	1+005.000	1+027.044	5529916.556	635489.166	5529933.403	635503.105
C13	1+027.044	1+036.932	5529933.403	635503.105	5529939.822	635510.620
C14	1+036.932	1+046.880	5529939.822	635510.620	5529947.098	635517.395
L16	1+046.880	1+062.095	5529947.098	635517.395	5529958.894	635527.003
C15	1+062.095	1+078.971	5529958.894	635527.003	5529972.982	635536.242
L17	1+078.971	1+089.535	5529972.982	635536.242	5529982.364	635541.096
C16	1+089.535	1+105.981	5529982.364	635541.096	5529996.506	635549.474
L18	1+105.981	1+125.388	5529996.506	635549.474	5530012.606	635560.309

CURVE DATA						
#	R.	Δc	Tc	L.	L.C.	
C8	75.000	21°30'43"	14.247	28.159	27.994	
C9	75.000	9°19'33"	6.117	12.207	12.194	
C10	78.800	11°48'24"	8.148	16.238	16.209	
C11	146.200	6°35'06"	8.411	16.803	16.793	

CURVE DATA						
#	R.	Δc	Tc	L.	L.C.	
C12	50.000	25°15'37"	11.204	22.044	21.866	
C13	103.500	5°28'25"	4.948	9.888	9.884	
C14	75.000	7°36'01"	4.982	9.949	9.942	
C15	81.900	11°48'24"	8.468	16.877	16.847	
C16	143.100	6°35'06"	8.232	16.446	16.437	

CT-P-NAIRN-CL						
SEGMENT	STATION (START)	STATION (END)	NORTHING (START)	EASTING (START)	NORTHING (END)	EASTING (END)
L1	1+000.000	1+008.745	5529912.100	635486.898	5529919.894	635490.865
C1	1+008.745	1+027.628	5529919.894	635490.865	5529935.473	635501.447
C2	1+027.628	1+054.929	5529935.473	635501.447	5529943.201	635526.235
L2	1+054.929	1+100.788	5529943.201	635526.235	5529932.130	635570.737
L3	1+100.788	1+120.793	5529932.130	635570.737	5529926.866	635590.036
L4	1+120.793	1+172.865	5529926.866	635590.036	5529914.295	635640.568
C3	1+172.865	1+190.083	5529914.295	635640.568	5529908.265	635656.656
L5	1+190.083	1+330.627	5529908.265	635656.656	5529844.188	635781.743
C4	1+330.627	1+356.101	5529844.188	635781.743	5529835.572	635805.642
L6	1+356.101	1+399.927	5529835.572	635805.642	5529826.065	635848.425
C5	1+399.927	1+420.058	5529826.065	635848.425	5529821.451	635868.020
L7	1+420.058	1+548.958	5529821.451	635868.020	5529790.332	635993.107
L8	1+548.958	1+620.000	5529790.332	635993.107	5529775.974	636062.682

CURVE DATA						
#	R.	Δc	Tc	L.	L.C.	
C1	75.000	14°25'31"	9.492	18.883	18.833	
C2	25.000	62°34'11"	15.191	27.301	25.965	
C3	75.000	13°09'15"	8.647	17.219	17.181	
C4	100.000	14°35'44"	12.806	25.474	25.405	
C5	800.000	1°26'30"	10.066	20.131	20.131	

CT-P-NAIRN-EB-1						
SEGMENT	STATION (START)	STATION (END)	NORTHING (START)	EASTING (START)	NORTHING (END)	EASTING (END)
L9	1+009.224	1+016.782	5529975.173	635501.517	5529967.701	635500.381
C6	1+016.782	1+030.883	5529967.701	635500.381	5529955.296	635505.500
C7	1+030.883	1+070.204	5529955.296	635505.500	5529938.640	635540.840
L10	1+070.204	1+100.788	5529938.640	635540.840	5529931.257	635570.519
L11	1+100.788	1+120.793	5529931.257	635570.519	5529926.865	635590.036

CURVE DATA						
#	R.	Δc	Tc	L.	L.C.	
C6	13.000	62°08'51"	7.834	14.101	13.420	
C7	100.000	22°31'46"	19.918	39.321	39.068	

**PRELIMINARY ONLY
NOT FOR CONSTRUCTION**

**ES ENGINEERS
GEOSCIENTISTS
MANITOBA**
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: 2022/03/09

UNDERGROUND STRUCTURES SUPV. U/G STRUCTURES DATE	B.M. ELEV.	DESIGNED BY TJH/MRD			THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT	CITY DRAWING NUMBER P-3556-01
		DRAWN BY TJH				
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.	CHECKED BY TS	RELEASED FOR CONSTRUCTION	CONSULTANT PROJECT NUMBER 21-2462	NAIRN AVE - CONTROL LINE GEOMETRY AND JOINT LAYOUT (1 OF 2)	CONSULTANT DRAWING NUMBER	
APPROVED BY TJP	HOR. SCALE 1:250 VERTICAL 1:50					DATE
NO. REVISIONS	DATE	BY	DATE			

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