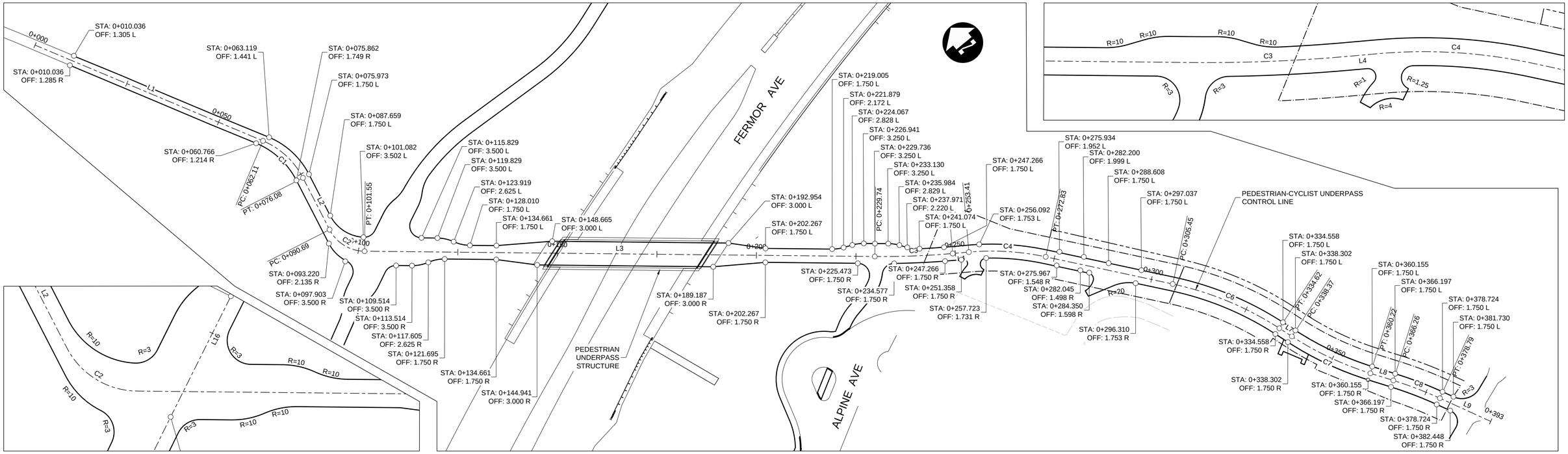

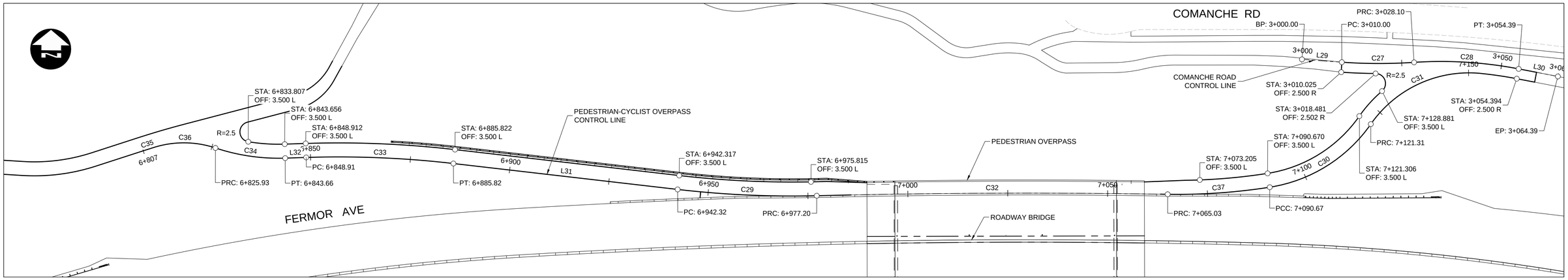

PEDESTRIAN-CYCLIST UNDERPASS CONTROL LINE

SEGMENT	STATION (START)	STATION (END)	NORTHING (START)	EASTING (START)	NORTHING (END)	EASTING (END)
L1	0+000.000	0+062.108	5524677.495	636590.975	5524622.663	636620.144
C1	0+062.108	0+076.078	5524622.663	636620.144	5524609.108	636622.049
L2	0+076.078	0+090.693	5524609.108	636622.049	5524594.813	636619.008
C2	0+090.693	0+101.552	5524594.813	636619.008	5524585.048	636622.389
L3	0+101.552	0+229.737	5524585.048	636622.389	5524503.007	636720.880
C3	0+229.737	0+249.340	5524503.007	636720.880	5524491.218	636736.532
L4	0+249.340	0+253.411	5524491.218	636736.532	5524488.930	636739.901
C4	0+253.411	0+272.829	5524488.930	636739.901	5524475.802	636754.110
C6	0+305.455	0+334.625	5524450.342	636774.511	5524424.791	636788.246
L7	0+334.625	0+338.369	5524424.791	636788.246	5524421.226	636789.392
C7	0+338.369	0+360.222	5524421.226	636789.392	5524401.586	636798.818
L8	0+360.222	0+366.264	5524401.586	636798.818	5524396.546	636802.150
C8	0+366.264	0+378.791	5524396.546	636802.150	5524385.691	636808.386
L9	0+378.791	0+392.826	5524385.691	636808.386	5524373.107	636814.602

CURVE DATA

#	R.	Δc	Tc	L.	L.C.
C1	20.000	40°01'15"	7.284	13.970	13.688
C2	10.000	62°12'55"	6.034	10.859	10.333
C3	200.000	5°36'57"	9.809	19.603	19.595
C4	65.000	17°07'00"	9.782	19.418	19.346
C6	80.000	20°53'29"	14.749	29.170	29.009
C7	80.000	15°39'05"	10.995	21.854	21.786
C8	100.000	7°10'37"	6.271	12.526	12.518

CURVE DATA

#	R.	Δc	Tc	L.	L.C.
C36	25.000	35°31'46"	8.010	15.503	15.255
C34	50.000	20°18'55"	8.958	17.728	17.636
C33	250.000	8°27'33"	18.488	36.910	36.876
C29	250.000	7°59'38"	17.468	34.880	34.852
C32	2150.859	2°20'23"	43.924	87.836	87.830
C37	150.000	9°47'34"	12.850	25.637	25.606
C30	38.000	46°11'30"	16.205	30.635	29.813
C31	30.000	60°47'22"	17.597	31.829	30.357

PEDESTRIAN-CYCLIST OVERPASS CONTROL LINE

SEGMENT	STATION (START)	STATION (END)	NORTHING (START)	EASTING (START)	NORTHING (END)	EASTING (END)
C35	6+807.471	6+810.424	5524596.584	636714.644	5524597.506	636717.449
C36	6+810.424	6+825.927	5524597.506	636717.449	5524597.508	636732.705
C34	6+825.927	6+843.656	5524597.508	636732.705	5524595.175	636750.185
L32	6+843.656	6+848.912	5524595.175	636750.185	5524595.409	636755.437
C33	6+848.912	6+885.822	5524595.409	636755.437	5524594.333	636792.297
L31	6+885.822	6+942.317	5524594.333	636792.297	5524588.524	636848.493
C29	6+942.317	6+977.197	5524588.524	636848.493	5524587.365	636883.325
C32	6+977.197	7+065.033	5524587.365	636883.325	5524588.778	636971.144
C37	7+065.033	7+090.670	5524588.778	636971.144	5524590.853	636996.666
C30	7+090.670	7+121.306	5524590.853	636996.666	5524606.933	637021.770
C31	7+121.306	7+153.135	5524606.933	637021.770	5524619.927	637049.206

COMANCHE ROAD CONTROL LINE

SEGMENT	STATION (START)	STATION (END)	NORTHING (START)	EASTING (START)	NORTHING (END)	EASTING (END)
L29	3+000.000	3+010.000	5524622.914	637004.346	5524622.328	637014.329
C27	3+010.000	3+028.098	5524622.328	637014.329	5524622.504	637032.412
C28	3+028.098	3+054.394	5524622.504	637032.412	5524621.186	637058.603
L30	3+054.394	3+064.394	5524621.186	637058.603	5524619.410	637068.444

CURVE DATA

#	R.	Δc	Tc	L.	L.C.
C27	132.500	7°49'33"	9.063	18.098	18.084
C28	102.500	14°41'57"	13.221	26.296	26.224

LEGEND

B.O.C. = BACK OF CURB
F.O.G. = FACE OF 600mm WIDE CURB AND GUTTER PAN

APEGM
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: 18/02/09

UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES DATE

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. SEE SHEET CT-001 FOR CONTROL POINT INFORMATION

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	18/02/09	JNC

DESIGNED BY JAT
DRAWN BY TJH
CHECKED BY JNC
APPROVED BY JNC
HOR. SCALE 1:500
VERTICAL —
DATE

DILLON CONSULTING

RELEASED FOR CONSTRUCTION
DATE

ENGINEER'S SEAL
PROVINCE OF MANITOBA
J.N. CRANG
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NUMBER
17-5932

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

FERMOR AVENUE BRIDGE OVER SEINE RIVER
BRIDGE REHABILITATION, PEDESTRIAN-CYCLIST UNDERPASS STRUCTURE AND ROADWORKS FROM ST. ANNE'S ROAD TO ARCHIBALD STREET

CONTROL LINE GEOMETRY - PATHWAYS (1 OF 2)

CITY DRAWING NUMBER P-3489-2017-CT-006
SHEET 006 OF 067
CONSULTANT DRAWING NUMBER CT-006

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