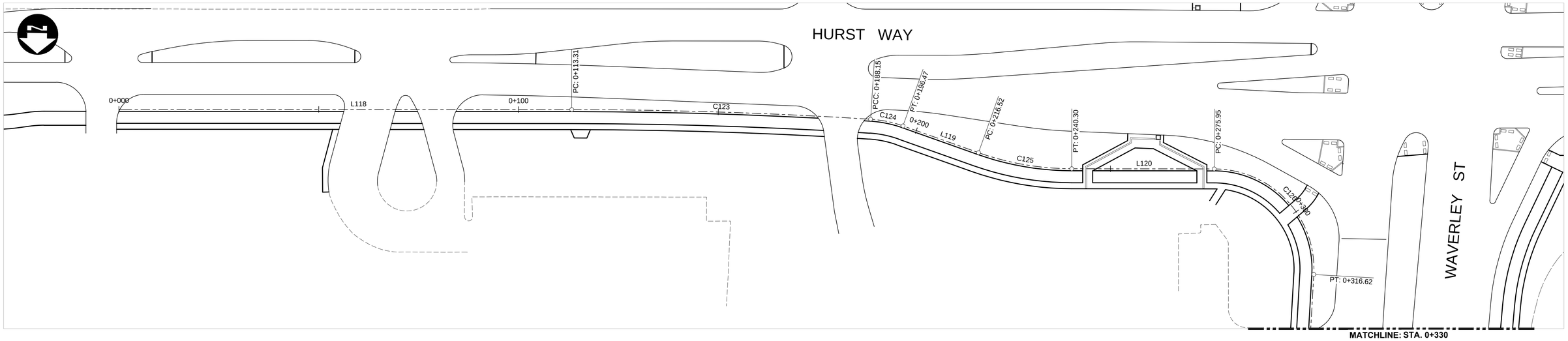

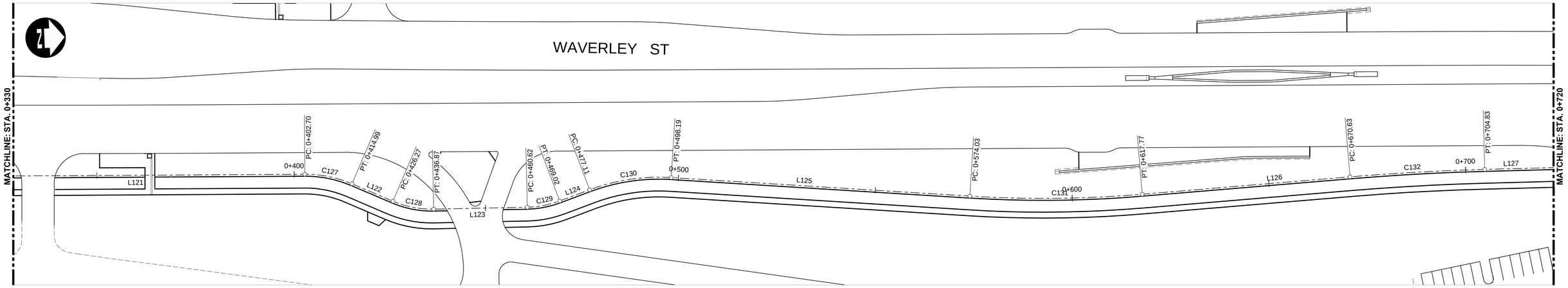

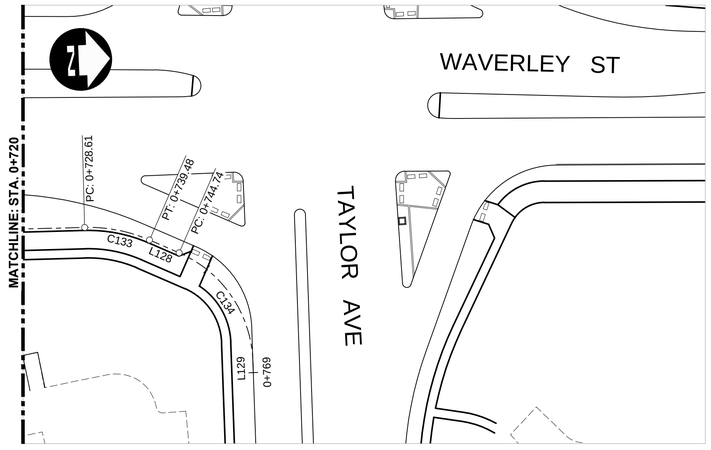

HURST/WAVERLEY EAST SIDEWALK/BIKE PATH (S/BP)						
SEGMENT	STATION (START)	STATION (END)	NORTHING (START)	EASTING (START)	NORTHING (END)	EASTING (END)
L118	0+000.000	0+113.310	5523214.420	631221.597	5523212.186	631108.310
C123	0+113.310	0+188.153	5523212.186	631108.310	5523213.064	631033.484
C124	0+188.153	0+196.470	5523213.064	631033.484	5523214.564	631025.331
L119	0+196.470	0+216.520	5523214.564	631025.331	5523220.879	631006.301
C125	0+216.520	0+240.304	5523220.879	631006.301	5523224.429	630982.899
L120	0+240.304	0+275.953	5523224.429	630982.899	5523223.740	630947.256
C126	0+275.953	0+316.619	5523223.740	630947.256	5523249.649	630921.790
L121	0+316.619	0+402.697	5523249.649	630921.790	5523335.668	630924.933
C127	0+402.697	0+414.990	5523335.668	630924.933	5523347.522	630927.852
L122	0+414.990	0+426.268	5523347.522	630927.852	5523357.695	630932.720
C128	0+426.268	0+436.869	5523357.695	630932.720	5523367.929	630935.163
L123	0+436.869	0+460.617	5523367.929	630935.163	5523391.672	630935.692
C129	0+460.617	0+469.021	5523391.672	630935.692	5523399.944	630934.451
L124	0+469.021	0+477.113	5523399.944	630934.451	5523407.632	630931.930
C130	0+477.113	0+498.186	5523407.632	630931.930	5523428.432	630929.712
L125	0+498.186	0+574.031	5523428.432	630929.712	5523503.863	630937.624
C131	0+574.031	0+617.766	5523503.863	630937.624	5523547.537	630939.006
L126	0+617.766	0+670.633	5523547.537	630939.006	5523600.359	630936.825
C132	0+670.633	0+704.834	5523600.359	630936.825	5523634.553	630936.396
L127	0+704.834	0+728.606	5523634.553	630936.396	5523658.322	630936.782
C133	0+728.606	0+739.479	5523658.322	630936.782	5523668.816	630939.279
L128	0+739.479	0+744.742	5523668.816	630939.279	5523673.553	630941.574
C134	0+744.742	0+767.283	5523673.553	630941.574	5523684.833	630959.720
L129	0+767.283	0+769.185	5523684.833	630959.720	5523684.819	630961.622

CURVE DATA					
#	R.	Δc	Tc	L.	L.C.
C123	1189.500	3°36'18"	37.434	74.843	74.830
C124	30.000	15°53'04"	4.185	8.317	8.291
C125	70.000	19°28'01"	12.007	23.783	23.669
C126	25.000	93°12'01"	26.437	40.666	36.329
C127	30.000	23°28'43"	6.234	12.293	12.208
C128	25.000	24°17'40"	5.381	10.600	10.521
C129	25.000	19°15'38"	4.242	8.404	8.365
C130	50.000	24°08'52"	10.695	21.073	20.917
C131	300.000	8°21'10"	21.906	43.734	43.696
C132	595.000	3°17'36"	17.105	34.201	34.196
C133	25.000	24°55'05"	5.524	10.873	10.787
C134	20.000	64°34'28"	12.637	22.541	21.367

APEGM
Certificate of Authorization
Dillon Consulting Limited (MB)
No. 1789 Date: 17/01/09

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. SEE SHEET C2-CT-007 FOR
ELEV. CONTROL POINT INFORMATION

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	17/01/09	DBW

DILLON CONSULTING

DESIGNED BY	RTP	CHECKED BY	DBW
DRAWN BY	TJH	APPROVED BY	DBW
HOR. SCALE	1:500	RELEASED FOR CONSTRUCTION	
VERTICAL			
DATE		DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
D.B. WIEBE
Member 22480
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NUMBER
16-3353

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

WAVERLEY STREET UNDERPASS AT CN MILE 3.89 RIVERS SUB
CONTRACT 2: UNDERPASS STRUCTURES, RAILWORKS, ROADWORKS, LAND DRAINAGE SEWER, PUMPING STATION AND LANDSCAPING WORKS

CONTROL LINE GEOMETRY HURST-WAVERLEY EAST SIDEWALK-BIKE PATH

CITY DRAWING NUMBER: U-239-2016-C2-CT-018
SHEET 018 OF 081
CONSULTANT DRAWING NUMBER: C2-CT-018

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