

ALIGNMENT GEOMETRIC CONTROL DATA			
DESC	STATION	NORTHING	EASTING
NORTH MAINLINE			
TS / START RELINE	1+000	5526170.965	633581.723
SC	1+027.432	5526145.030	633572.787
CS	1+081.289	5526093.141	633558.433
ST	1+108.721	5526066.300	633552.770
TS	1+145.883	5526030.076	633545.425
SC	1+201.503	5525975.559	633533.461
CS	1+308.261	5525875.042	633497.539
ST	1+364.091	5525825.112	633472.594
TS	1+401.043	5525792.316	633455.949
SC	1+428.475	5525767.877	633443.490
CS	1+482.332	5525718.490	633422.054
ST / END RELINE	1+509.764	5525692.699	633412.711
SOUTH MAINLINE			
TS / START RELINE	1+000	5526165.981	633585.115
SC	1+027.432	5526140.043	633576.187
CS	1+081.115	5526088.319	633561.887
ST	1+108.547	5526061.479	633556.225
TS	1+139.545	5526031.100	633550.065
SC	1+200.426	5525971.660	633536.929
CS	1+302.123	5525875.896	633503.088
ST	1+363.005	5525821.400	633475.960
TS	1+392.989	5525794.795	633462.132
SC	1+420.421	5525770.356	633449.673
CS	1+474.452	5525720.807	633428.176
ST / END RELINE	1+501.884	5525695.013	633418.841
PROPOSED WF31			
BC	0+000	5525837.929	633496.508
EC	0+055.313	5525788.830	633471.446
BC	0+072.508	5525774.993	633461.237
EC	0+130.142	5525724.260	633434.338
END RELINE	0+331.472	5525534.414	633367.314
PROPOSED WF32			
TIE INTO WF37	0+000	5525858.904	633509.625
BC	0+023.641	5525836.612	633501.754
EC	0+081.274	5525785.879	633474.855
BC	0+096.294	5525773.793	633465.938
EC	0+153.926	5525723.056	633439.052
PROPOSED WF36			
BC / P.S.	0+000	5526127.892	633578.840
EC	0+021.050	5526107.577	633571.388
BC / P.S.	0+055.464	5526073.892	633564.321
EC	0+074.060	5526055.485	633561.733
BC	0+096.931	5526032.716	633559.577
EC	0+142.154	5525988.668	633549.853
TIE INTO WF36	0+151.449	5525979.905	633546.752
WEST LADDER CONNECTION			
BC / P.S.	0+000	5525711.557	633434.999
EC	0+020.601	5525691.713	633429.509
PS	0+073.084	5525640.441	633418.296
BC	0+124.596	5525590.118	633407.291
EC / TIE INTO WF36	0+147.571	5525568.038	633400.997
PROPOSED M1			
BC / P.S.	0+000	5525887.068	633519.574
EC	0+020.550	5525867.272	633514.099
BC	0+031.790	5525856.290	633511.706
EC	0+054.791	5525834.180	633505.421
P.S.	0+066.980	5525822.686	633501.363
BC	0+108.976	5525783.086	633487.382
EC	0+117.448	5525775.157	633484.399
BC	0+130.552	5525762.989	633479.534
EC / TIE INTO M1	0+139.024	5525755.056	633476.564
PROPOSED WF43			
TIE INTO TRACK / BC	0+000	5525179.691	633339.755
EC	0+101.706	5525179.691	633339.755
BC	0+174.347	5525030.236	633255.139
EC	0+213.494	5524996.925	633234.701
BC	0+233.610	5524987.885	633230.162
EC / P.S.	0+244.210	5524969.004	633221.950
PROPOSED WF37			
BC / P.S.	0+000	5526156.058	633586.784
EC	0+020.673	5526136.142	633581.282
BC	0+030.004	5526127.024	633579.295
EC	0+068.549	5526088.782	633575.078
BC	0+082.635	5526074.697	633575.006
EC / TIE INTO WF37	0+144.155	5526014.368	633564.511
P.S.	0+279.154	5525887.070	633519.568

ALIGNMENT CURVE DATA						
CURVE	DELTA	RADIUS	Dc	SUB TANGENT	LENGTH	LENGTH OF SPIRALS
YARD RECONFIGURATION						
CURVE 1	5°18'01"	582.192	3°00'00"	26.948	53.857	27.432
CURVE 2	10°20'24"	582.192	3°00'00"	53.529	106.759	55.820
CURVE 3	5°18'01"	582.192	3°00'00"	26.948	53.857	27.432
CURVE 4	5°17'00"	582.192	3°00'00"	26.861	53.683	27.432
CURVE 5	10°00'30"	582.192	3°00'00"	50.978	101.897	60.882
CURVE 6	5°19'03"	582.192	3°00'00"	27.035	54.031	27.432
CURVE 7	5°47'22"	184.040	9°30'00"	9.306	18.596	na
CURVE 8	14°04'44"	184.040	9°30'00"	22.726	45.223	na
CURVE 9	16°18'57"	194.240	9°00'00"	27.845	55.313	na
CURVE 10	17°00'02"	194.240	9°00'00"	29.030	57.634	na
CURVE 11	12°00'00"	184.040	9°30'00"	19.343	38.545	na
CURVE 12	19°09'10"	184.040	9°30'00"	31.050	61.520	na
CURVE 13	17°00'02"	194.240	9°00'00"	29.030	57.634	na
CURVE 14	17°00'00"	194.240	9°00'00"	29.029	57.632	na
CURVE 15	7°09'39"	184.038	9°30'00"	11.515	23.001	na
CURVE 16	2°29'57"	194.240	9°00'00"	4.237	8.472	na
CURVE 17	2°29'57"	194.240	9°00'00"	4.237	8.472	na
CURVE 18	7°09'10"	184.040	9°30'00"	11.503	22.975	na
CURVE 19	30°00'43"	194.240	9°00'00"	52.048	101.706	na
CURVE 20	6°24'48"	184.040	9°30'00"	10.311	20.600	na

- GENERAL NOTES:**
- ALL DIMENSIONS ARE METRIC UNLESS NOTED OTHERWISE
 - SURVEY CONTROL IS BASED ON GEODETIC BENCHMARK
 - ALL UTILITIES TO BE LOCATED IN THE FIELD AND MODIFIED AS NECESSARY TO TC-E-10 AND TC-E-11 STANDARDS.
 - ALL EXISTING FENCES AFFECTED BY CONSTRUCTION ARE TO BE REBUILT BY THE CONTRACTOR AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
 - ALL PROPERTY LINES ARE PROVIDED FOR INFORMATION PURPOSES ONLY.
 - SEE 01-CT6001 FOR GEOMETRIC CONTROL TABLES.

WARNING - BURIED S&C CABLES
 PRIOR TO CONSTRUCTION CN SIGNALS MUST BE NOTIFIED. AS WELL, USE EXTREME CAUTION WHEN WORKING NEAR CABLES, JUNCTION BOXES, CONDUITS, ETC.

LEGEND			
EXISTING	DESCRIPTION	PROPOSED	EXISTING
	SWITCH STAND & POWER SWITCH		
	DERAIL		
	CROSSING PLANKS		
	CENTRELINE MAIN		
	CENTRELINE YARD TRACK		
	CENTRELINE - 85# RAIL		
	CENTRELINE - 115# RAIL		
	CENTRELINE - 132# RAIL		
	SURVEY CONTROL POINT		
	CULVERT/CULVERT EXTENSION		
	GRAVEL ROADWAY		
	PAVED ROADWAY		
	CHAINLINK FENCE		

LOCATION APPROVED UNDERGROUND STRUCTURES	
EXISTING	PROPOSED
	OVERHEAD POWER WITH POLE
	UNDERGROUND POWER LINE
	UNDERGROUND FIBRE OPTIC LINE
	UNDERGROUND GAS LINE
	OVERHEAD CNT LINE WITH POLE
	UNDERGROUND S&C CABLE

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.

AECOM		DESIGNED BY RCP		CHECKED BY KEG	
DRAWN BY BRP		APPROVED BY		RELEASED FOR CONSTRUCTION	
HOR. SCALE 1:750		VERT. SCALE 1:75		DATE 09/05/27	
NO. REVISIONS		YYMMDD		BY	

PROFESSIONAL'S SEAL
CONSULTANT DRAWING NO. F504-444-00_01-CT6001_R0

THE CITY OF WINNIPEG TRANSIT DEPARTMENT

SOUTH WEST TRANSIT CORRIDOR CN FORT ROUGE YARD DATA CHARTS CURVE AND STAKEOUT REPORTS

CITY DRAWING NUMBER P-3309-14
 SHEET 14 OF 14
 DRAWING No. 01-CT6001 REV 0