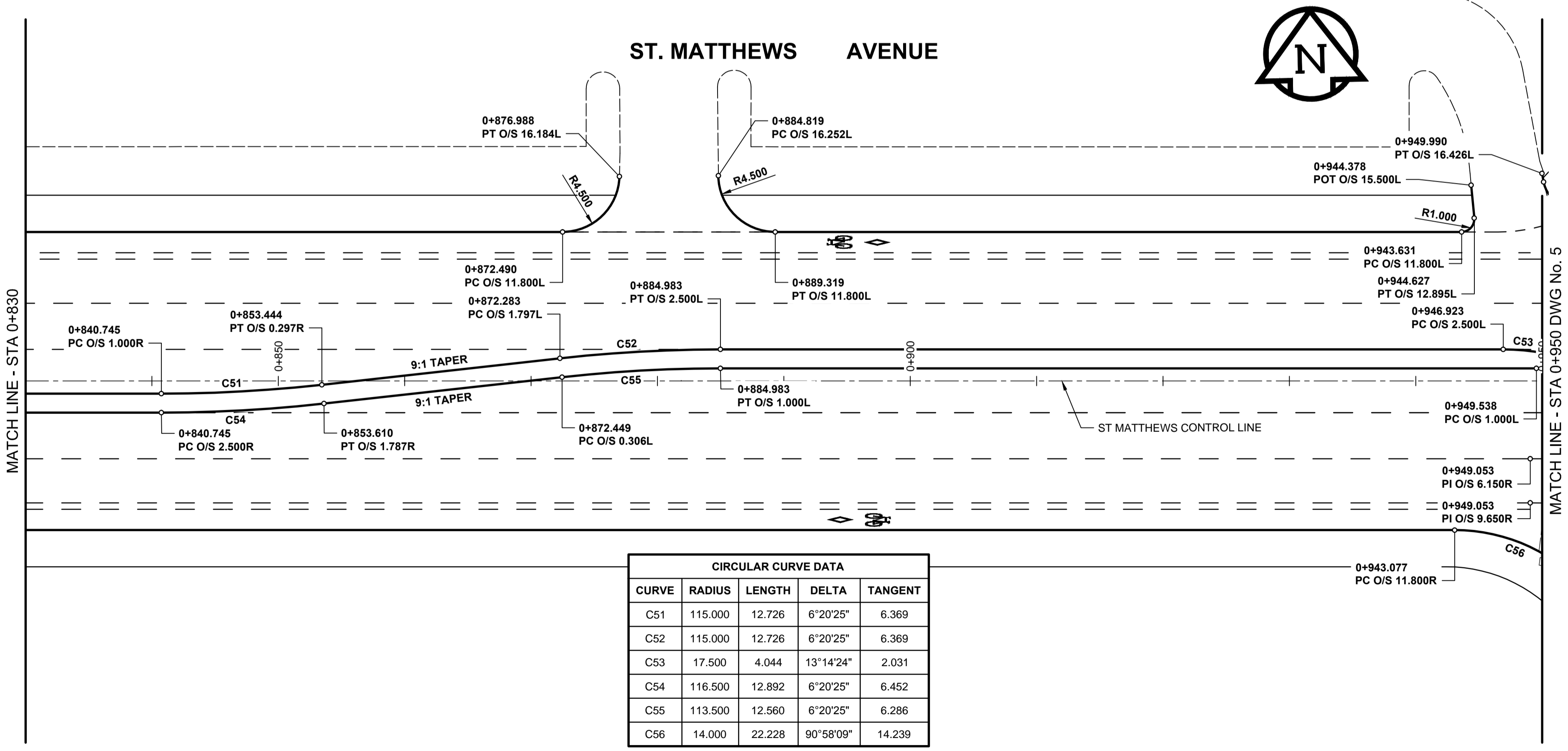
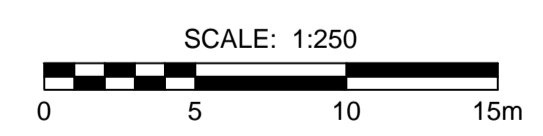


CIRCULAR CURVE DATA				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C43	115.000	12.726	6°20'25"	6.369
C44	115.000	12.726	6°20'25"	6.369
C45	17.500	4.007	13°07'05"	2.012
C46	116.500	12.892	6°20'25"	6.452
C47	113.500	12.560	6°20'25"	6.286
C48	15.000	1.323	5°03'16"	0.662
C49	17.500	1.910	6°15'17"	0.956



CIRCULAR CURVE DATA				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C51	115.000	12.726	6°20'25"	6.369
C52	115.000	12.726	6°20'25"	6.369
C53	17.500	4.044	13°14'24"	2.031
C54	116.500	12.892	6°20'25"	6.452
C55	113.500	12.560	6°20'25"	6.286
C56	14.000	22.228	90°58'09"	14.239



LOCATION APPROVED UNDERGROUND STRUCTURES		GBM SEE DWG No.1 ELEV SEE DWG No.1	
SUPR. U/G STRUCTURES COMMITTEE	DATE		
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.			
0	ISSUED FOR CONSTRUCTION	14/04/04	RPB
No.	REVISIONS	YYMMDD	BY

MORRISON HERSHFIELD	
DESIGNED BY: WRJ	CHECKED BY: RPB
DRAWN BY: DID/DML	APPROVED BY: BWB
HOR. SCALE: 1:250	RELEASED FOR CONSTRUCTION: <i>STK</i>
VERT. SCALE:	DATE: 14/04/04

PROFESSIONAL'S SEAL	
PROVINCE OF MANITOBA REGISTERED PROFESSIONAL ENGINEER	R.P. BRUCE
CONSULTANT DRAWING No. W130014-T-004_RX.dwg	

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

POLO PARK
INFRASTRUCTURE IMPROVEMENTS
ST. MATTHEWS AVENUE
HORIZONTAL GEOMETRY
STA 0+710 TO STA 0+950

CITY DRAWING NUMBER: P-3354-4
SHEET 4 OF 61
DRAWING No. 4 REV 0

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES