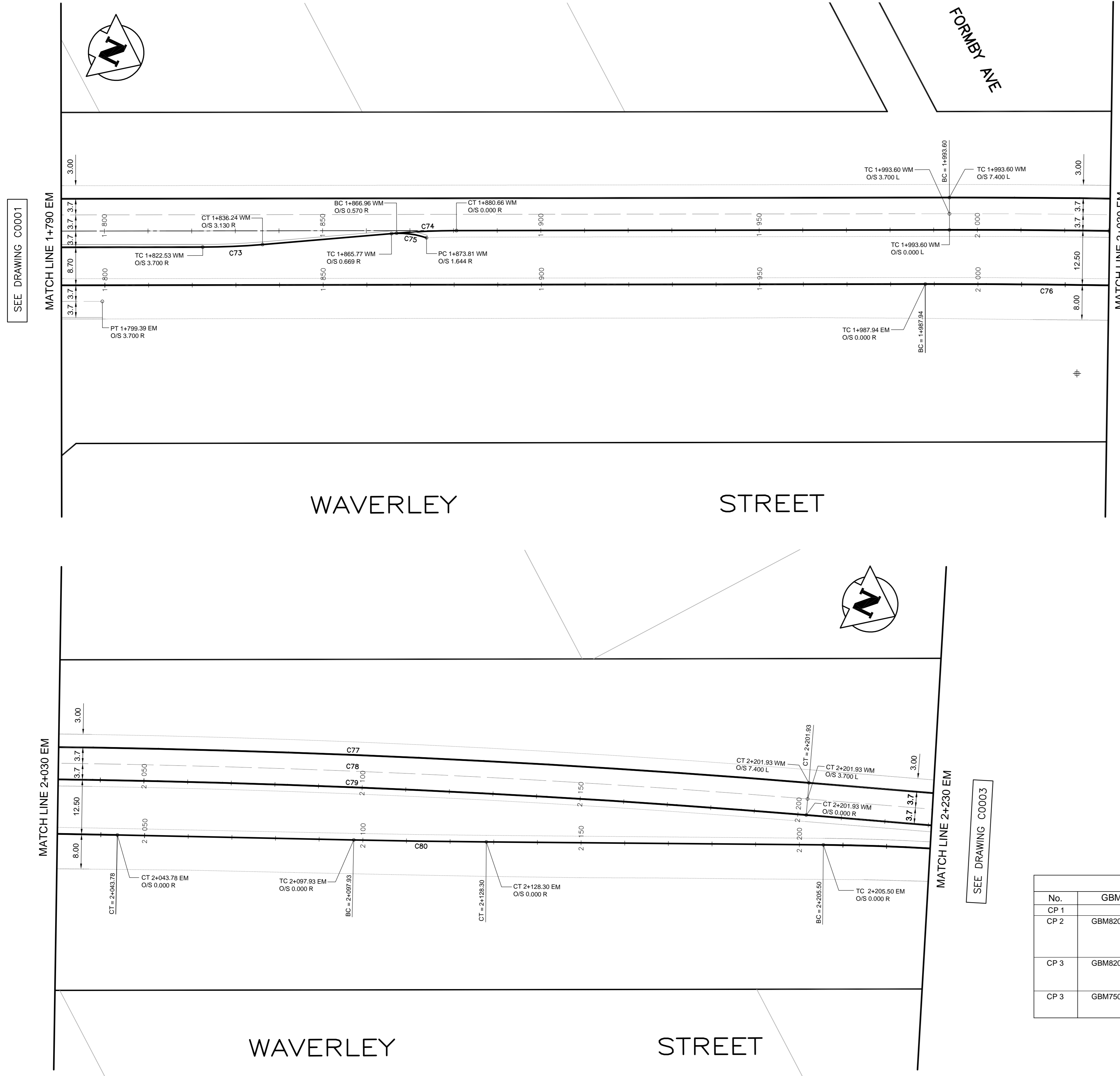


CIRCULAR CURVE DATA				
CURVE	RADIUS	TANGENT	DELTA	LENGTH
C73	165.00	6.86	4°45'49"	13.72
C74	165.00	6.86	4°45'49"	13.72
C75	20.00	4.13	23°21'21"	8.15
C76	2500.00	27.92	1°16'47"	55.84

- GENERAL NOTES**
- CHAINAGE IS ALONG PROPOSED WEST AND EAST MEDIAN CONTROL LINES OF WAVERLEY STREET.
 - STATION 1+000 = NW CORNER OF JOHN ANGUS DRIVE & WAVERLEY STREET
 - REFER TO DRAWING C0008 TO C0011 FOR WAVERLEY ST PLAN AND C0012 TO C0015 FOR WAVERLEY ST PROFILES.
 - REFER TO DRAWING C0003 FOR LEE BOULEVARD GEOMETRIC LAYOUT.

CIRCULAR CURVE DATA				
CURVE	RADIUS	TANGENT	DELTA	LENGTH
C77	2507.40	104.53	4°46'29"	208.95
C78	2503.70	104.38	4°46'29"	208.64
C79	2500.00	104.23	4°46'29"	208.33
C80	2500.00	15.19	0°41'46"	30.37

Control Survey Monuments (Local Coordinates)					
No.	GBM	Elevation	Northing	Easting	Description
CP 1		232.535 m	3000.042	10000.005	IB CP1
CP 2	GBM82024	232.259 m			83R523 - N.E. COR. WAVERLEY ST. & SANDUSKI DR. WHICH IS APPROX. 12m S. OF 9m SET OF H LINE HYDRO POLES S. OF LEE BLVD. ON E. SIDE OF WAVERLEY ST., TBLT. ON TOP OF 0.05m DIA. x 2.4m IRON PIPE, IN VALVE BOX, 1m W. OF E.L. WAVERLEY ST. & 0.15m S. OF N.L. SANDUSKI DR.
CP 3	GBM82020	232.892 m			N. SIDE LEE BLVD., E. OF WAVERLEY ST., TBLT. IN S. CONC. FOUNDATION OF No. 1301 LEE BLVD., CANADIAN NAZARENE COLLEGE MEN'S RESIDENCE, 0.5m W. & 0.5m BELOW TYNDALL STONE OF MOST SLY. PROJECTION OF S.E. COR. OF BLDG.
CP 3	GBM75006	232.474 m			216 (654216) - N.W. COR. WAVERLEY ST. & CADBORO RD., TBLT. IN 7.6m CONC. PILE BENEATH VALVE BOX, 6.3m E. OF W.L. WAVERLEY ST. & 6.8m S. OF N.L. CADBORO RD.



SEE DRAWING C0003

SEE DRAWING C0001

B.M. ELEV.			
DESIGNED BY	bgd	CHECKED BY	
DRAWN BY	NL	APPROVED BY	
HOR. SCALE:	1 : 500	RELEASED FOR CONSTRUCTION	
VERTICAL:			
A ISSUED FOR TENDER	11.05.13		
NO. REVISIONS	DATE	BY	DATE
	10.04.21		

PRELIMINARY DRAWING
NOT TO BE USED FOR CONSTRUCTION

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

WAVERLEY STREET TWINNING AND ASSOCIATED WORKS
WAVERLEY STREET GEOMETRIC LAYOUT FROM STA 1+790 TO STA 2+230

CITY DRAWING NUMBER: SHEET 2 OF 19
C0002