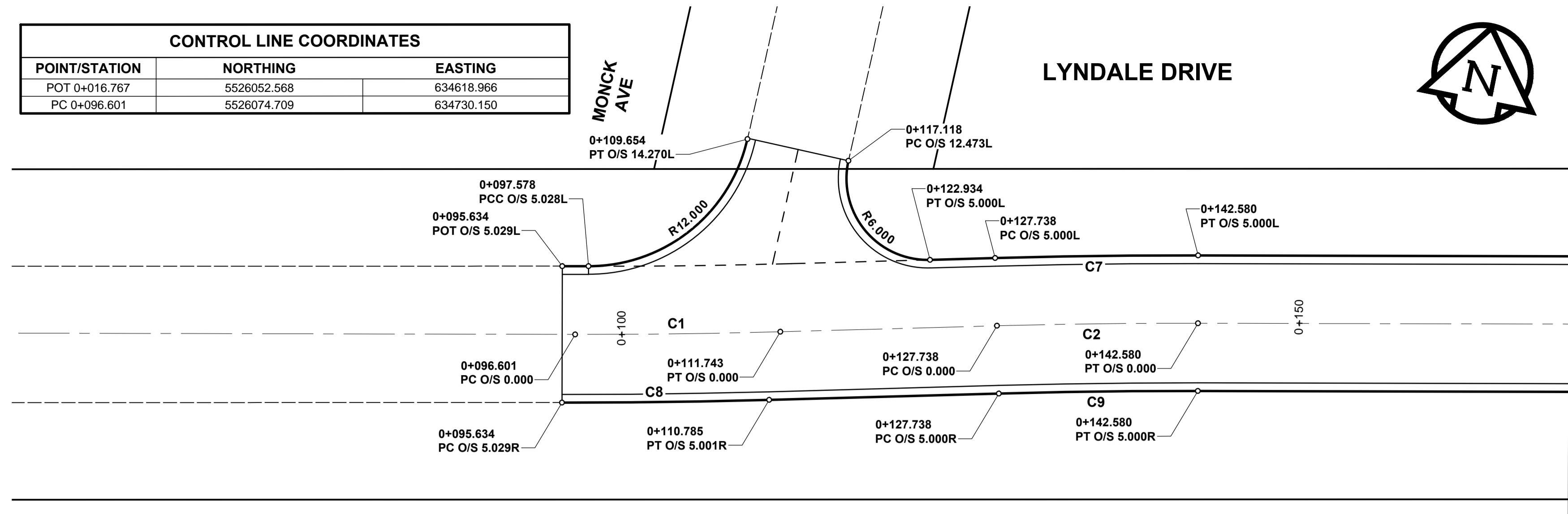


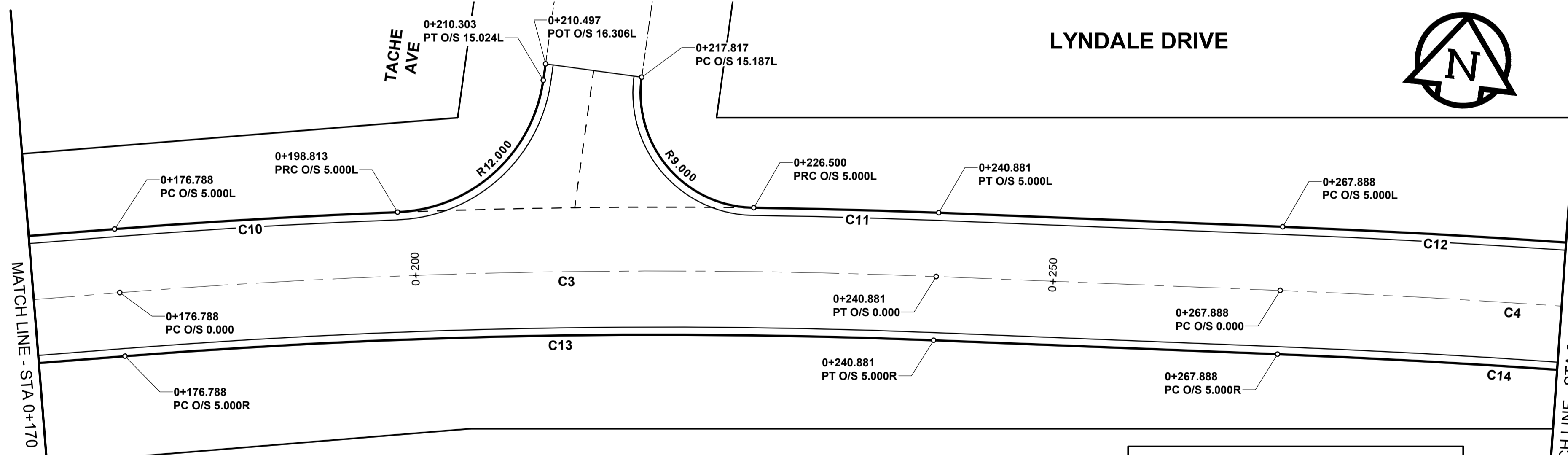
CONTROL LINE COORDINATES		
POINT/STATION	NORTHING	EASTING
POT 0+016.767	5526052.568	634618.966
PC 0+096.601	5526074.709	634730.150



CONTROL LINE COORDINATES		
POINT/STATION	NORTHING	EASTING
PT 0+111.743	5526077.889	634744.954
PC 0+127.738	5526081.482	634760.540
PT 0+142.580	5526084.598	634775.050

CONTROL LINE - CURVE DATA				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C1	505.000	15.142	1°43'05"	7.572
C2	495.000	14.842	1°43'05"	7.422

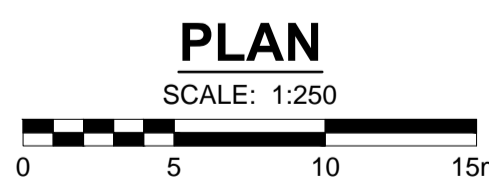
CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C7	500.000	14.993	1°43'05"	7.497
C8	510.000	15.292	1°43'05"	7.647
C9	490.000	14.692	1°43'05"	7.347



CONTROL LINE COORDINATES		
POINT/STATION	NORTHING	EASTING
PC 0+176.788	5526091.280	634808.600
PT 0+240.881	5526099.978	634872.061
PC 0+267.888	5526102.025	634898.990

CONTROL LINE - CURVE DATA				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C3	531.000	64.093	6°54'57"	32.086
C4	750.000	34.292	2°37'11"	17.149

CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C10	536.000	22.233	2°22'36"	11.118
C11	536.000	14.516	1°33'06"	7.259
C12	755.000	29.091	2°12'28"	14.547
C13	526.000	63.490	6°54'57"	31.784
C14	745.000	34.064	2°37'11"	17.035



METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	
	GAS		MANHOLE		CONCRETE PAVEMENT		LOCATION APPROVED		GAS
	MTS HANDWELL/PEDESTAL		CATCH BASIN/CATCH PIT		CONC SIDEWALK/MEDIAN		UNDERGROUND STRUCTURES		GAS
	HYDRO HANDWELL/CABINET		CURB INLET WITH BOX		ASPHALT PAVEMENT		DATE		GAS
	CATV/FIBRE OPTIC		TREE		PAVING STONE		DATE		GAS
	TRAFFIC SIGNALS/PIT		TEST HOLE		GRAVEL		DATE		GAS
	LAND DRAINAGE SEWER		PROPERTY LINE		RAMP CURB		DATE		GAS
	SANITARY/COMBINED SEWER		SURVEY BAR		PLANING/REMOVAL		DATE		GAS
	CB LEAD/SSP/DCP		FENCE		PROPERTY LINE		DATE		GAS
	WATERMAIN		BOC/EDGE OF PAVEMENT		PROPERTY LINE		DATE		GAS
	SUBDRAIN		ELEVATION		PROPERTY LINE		DATE		GAS
	DITCH		TRAFFIC SIGN		PROPERTY LINE		DATE		GAS
	LEGEND - PLAN		LEGEND - PLAN		LEGEND - PLAN		LEGEND - PLAN		LEGEND - PLAN

LOCATION APPROVED
UNDERGROUND STRUCTURES
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.

BM 34-004	ELEV 229.873m
C	ISSUED FOR TENDER 16/09/29 JGK
B	ISSUED FOR FINAL REVIEW 16/08/13 JGK
A	ISSUED FOR 75% REVIEW 16/08/17 JGK
No. REVISIONS	YYMMDD BY DATE

DESIGNED BY		CHECKED BY	
JGK		RPB	
DRAWN BY		APPROVED BY	
DID		BWB	
RELEASED FOR CONSTRUCTION		DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
J.G. KENNEDY
Member
22326
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME
5160047-Lyndale-HG-23.dwg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

LYNDALE DRIVE RIVERBANK STABILIZATION AND ASSOCIATED WORKS
MONCK AVENUE TO GAUVIN STREET
ROAD WORKS
HORIZONTAL GEOMETRY
STA 0+055 TO STA 0+290

CITY DRAWING NUMBER
RW751-2016-23
SHEET 23 OF 32
DRAWING No. REV
23 C

APEGM
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736
BID OPPORTUNITY No. 721-2016