



CIRCULAR CURVE DATA				
CURVE NO.	C108	C109	C110	C111
RADIUS	1000.000	115.000	115.000	
DELTA	2°17'25"	6°20'25"	6°20'25"	
TANGENT	19.992	6.369	6.369	
LENGTH	39.979	12.726	12.726	

CONSTRUCTION NOTES:

- 1 REMOVE AND DISPOSE OF EXISTING FENCE (INCIDENTAL).
- 2 EXTEND BARRIER CURB, TIE INTO EXISTING CURB.
- 3 REMOVE EXISTING TREES.
- 4 SAWCUT EXISTING EDGE OF SLAB AS DIRECTED BY CONTRACT ADMINISTRATOR.
- 5 BARRIER CURB TO MODIFIED BARRIER CURB TRANSITION.
- 6 REMOVE EXISTING BERM.
- 7 CONNECT TO EXISTING MANHOLE.
- 8 ALL DIMENSIONS MEASURED TO BACK OF CURB.
- 9 ADJUST ALL MANHOLES AND VALVES.
- 10 ALL CATCHBASINS AS PER SD-024 UNLESS OTHERWISE NOTED.
- 11 PROPOSED CONCRETE SIDEWALK ON 100mm - 19mm DOWN LIMESTONE BASE.
- 12 250mm - DR35 SEWER SERVICE.
- 13 27m - 600mm - 16mm GAUGE CORRUGATED STEEL PIPE.
- 14 RAILROAD CROSSING AS PER SD-231A.
- 15 RAILROAD SIDEWALK CROSSING AS PER SD-231B.
- 16 PLACE SUITABLE SITE MATERIAL IN EXISTING DITCH AS PER COW 3170-14.
- 17 REMOVE EXISTING CULVERT.
- 18 LOWER EXISTING CULVERT TO INVERTS SHOWN AND EXTEND 2m S.

LOCATION APPROVED UNDERGROUND STRUCTURES

SIPLY, U/G STRUCTURES	DATE
B.M. 30-005	F.B. 1988
ELEV. 233.321	

WARDROP Engineering Inc.

DESIGNED GMD BY
DRAWN GMD/MR4/PS BY
HORIZ. SCALE: 1 : 250
VERTICAL: 1 : 10

THE CITY OF WINNIPEG
PLANNING, PROPERTY AND LAND DEVELOPMENT

2004 ST. BONIFACE INDUSTRIAL AREA ROADWORKS
CAMEL SYS STREET NEW CONCRETE PAVEMENT
670m EAST OF RAY MARIUS ROAD TO
775m EAST OF RAY MARIUS ROAD
STA. 16+90 TO STA. 18+15



CITY DRAWING NUMBER	SHEET	OF	16
	12		16

C0012

NO.	REVISIONS	DATE	BY
0	ISSUED FOR BIDDING	04.04.16	

CONSULTANT DRAWING NO.
03129401-00