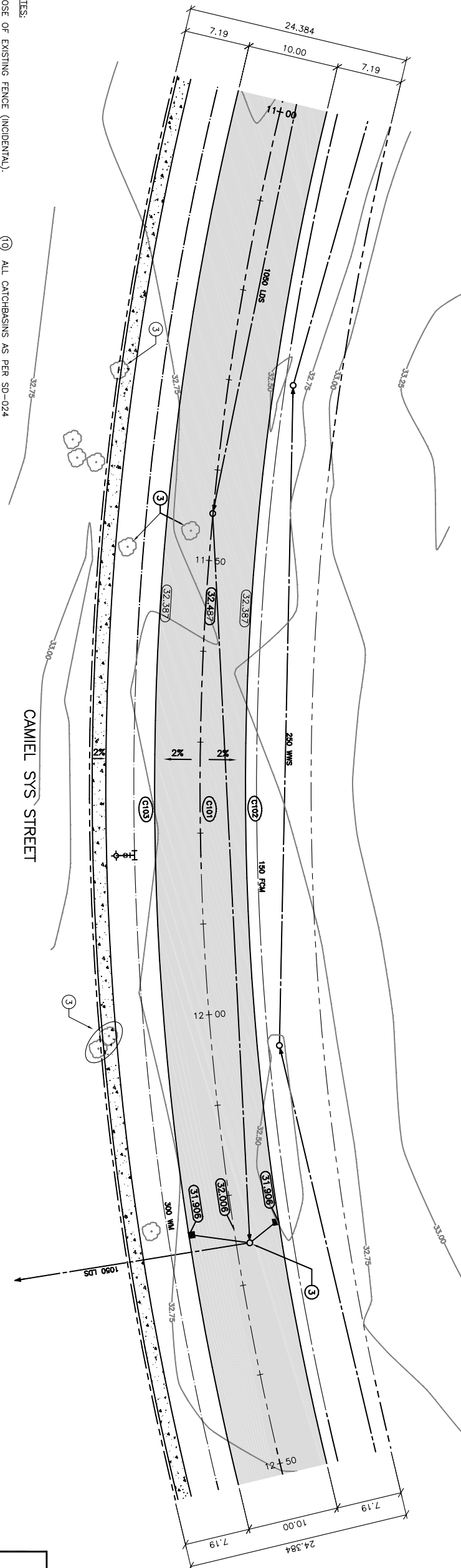


CIRCULAR CURVE DATA

CURVE NO.	C101	C102	C103
RADIUS	318.193	313.193	323.193
DELTA	47°22'43"	47°24'10"	47°24'08"
TANGENT	139.606	137.491	141.879
LENGTH	263.117	259.119	267.386



- CONSTRUCTION NOTES:
- REMOVE AND DISPOSE OF EXISTING FENCE (INCIDENTAL).
 - EXTEND BARRIER CURB, TIE INTO EXISTING CURB.
 - REMOVE EXISTING TREES.
 - SAWCUT EXISTING EDGE OF SLAB AS DIRECTED BY CONTRACT ADMINISTRATOR.
 - BARRIER CURB TO MODIFIED BARRIER CURB TRANSITION.
 - REMOVE EXISTING BERM.
 - CONNECT TO EXISTING MANHOLE.
 - ALL DIMENSIONS MEASURED TO BACK OF CURB.
 - ADJUST ALL MANHOLES AND VALVES.
 - ALL CATCHBASINS AS PER SD-024 UNLESS OTHERWISE NOTED.
 - PROPOSED CONCRETE SIDEWALK ON 100mm - 19mm DOWN LIMESTONE BASE.
 - 250mm - DR35 SEWER SERVICE.
 - 27m - 600mm - 1.6mm GAUGE CORRUGATED STEEL PIPE.
 - RAILROAD CROSSING AS PER SD-231A.
 - RAILROAD SIDEWALK CROSSING AS PER SD-231B.
 - PLACE SUITABLE SITE MATERIAL IN EXISTING DITCH AS PER COW 3170-1R4.
 - REMOVE EXISTING CULVERT.
 - LOWER EXISTING CULVERT TO INVERTS SHOWN AND EXTEND 2m S.

LOCATION APPROVED UNDERGROUND STRUCTURES

NO.	REVISIONS	ISSUED FOR BIDDING	DATE	BY
0		ISSUED FOR BIDDING	04.04.16	

WARDROP Engineering Inc.

DESIGNED BY	CHECKED BY
GMD	GMD
DRAWN BY	APPROVED BY
GMD/MR4/PS	
HOR. SCALE	RELEASED FOR CONSTRUCTION
1 : 250	
VERTICAL	DATE
1 : 10	

CONSULTANT DRAWING NO. 031294-01-00

2004 SAINT BONIFACE INDUSTRIAL PARK ROADWORKS
CAMEL SYS STREET
 STA. 11+00 TO STA. 12+50

Winnipeg THE CITY OF WINNIPEG
 PLANNING, PROPERTY AND DEVELOPMENT

APEGIN
 Certificate of Authorization
 Wardrop Engineering Inc.
 No. 195 Expiry: April 30, 2004

CITY DRAWING NUMBER
 SHEET 8 OF 16
 C0008