

**RESTRICTION PIPE DETAIL**  
SCALE: NTS

**STORMWATER DRAINAGE CRITERIA**

- TOTAL DRAINAGE AREA=2.87 ACRES
- RUNOFF COEFFICIENT "C" (SUPPLIED BY CITY OF WINNIPEG)=0.40
- PEAK FLOW RESTRICTED TO 5 YEAR STORM RUNOFF
- ALLOWABLE RUNOFF=4.94 CFS
- REQUIRED STORAGE=244m<sup>3</sup>
- MAXIMUM PONDING DEPTH FOR 25 YEARS STORM=300mm AT INLETS
- TIME OF CONCENTRATION=10 MIN.



**NOTES:**

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF WINNIPEG STANDARD SPECIFICATION.
2. THE EXACT LOCATION OF EXIST CB LEAD NOT CONFIRMED. THE ASSUMED ALIGNMENT IS SHOWN ON PLAN. THE CONTRACTORS TO CONFIRM TRUE ALIGNMENT WITH C.C.T.V. INSPECTION FROM THE EXISTING CB UPSTREAM AND DOWNSTREAM. INSTALL NEW CB ALONG CONFIRMED ALIGNMENT AND REPLACE EXISTING CB LEAD ALONG CONFIRMED ALIGNMENT AS REQUIRED IN THE FIELD.
3. AREA DRAINS UNDERNEATH SKATE PARK BOWL SHALL CONNECT TO HORIZONTAL VIA WYE CONNECTIONS. ALL OTHER CONNECTIONS VIA 22.5° BENDS.

CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL CUT PERMITS REQUIRED BY THE CITY OF WINNIPEG.

**LEGEND**

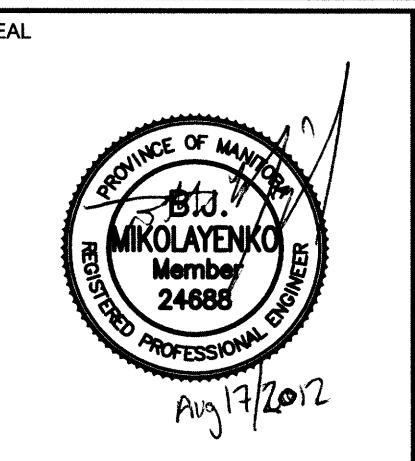
EXIST	NEW
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REV	YY / MM / DD	DESCRIPTION	BY
0	12 / 08 / 17	ISSUED FOR TENDER	BY

A. SECTION LETTER OR DETAIL NUMBER, B. DRAWING WHERE SECTION OR DETAIL IS DRAWN.

OR

A. DRAWING WHERE SECTION OR DETAIL IS INDICATED, B. SECTION OR DETAIL SHOWN ON SAME DRAWING.



**CITY OF WINNIPEG**  
PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT  
CIVIC ACCOMMODATIONS DIVISION  
300 - 65 GARRY ST. R3C 4K4

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WINNIPEG, MB. CANADA

PROJECT <b>KELVIN RECREATION SITE</b>		TITLE <b>SITE SERVICES UNDERGROUND WORKS</b>	
DESIGN <b>BJM</b>	DRAWN <b>DMW</b>	DATE - Y / M / D <b>12/07/18</b>	SCALE <b>1:200</b>
CHECKED	APPROVED	PROJECT NO. <b>12-0109-008</b>	DRAWING NO. <b>C-01</b>