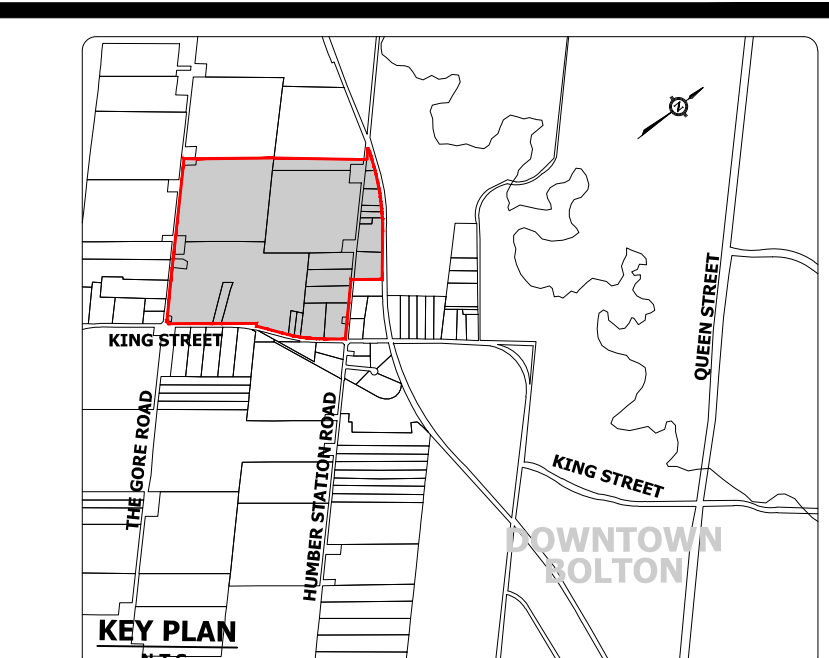
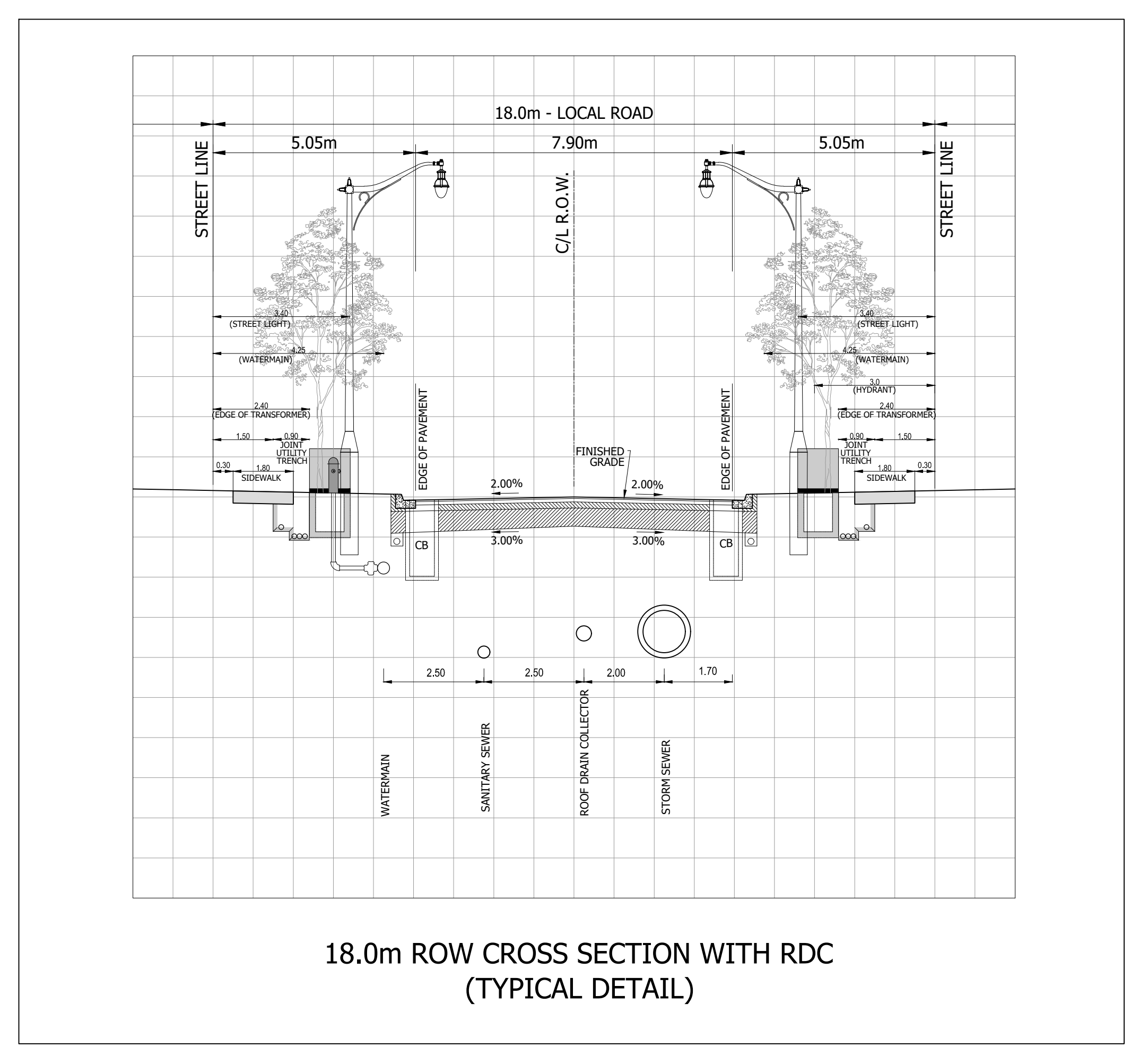




- LEGEND:**
- PROPERTY BOUNDARY
 - HOLDOUT PROPERTY
 - EXISTING WETLAND BOUNDARY
 - EXISTING WETLAND ID
 - ENVIRONMENTAL POLICY AREA (EPA) INCLUDING BUFFER TO PROPOSED LIMIT OF DEVELOPMENT
 - EXISTING DRAINAGE FEATURE
 - EXISTING ELEVATION
 - EXISTING CONTOUR AND ELEVATION
 - PRE-DEVELOPMENT OVERLAND FLOW DIRECTION
 - HWSP STUDY AREA LIMIT
 - PROPOSED ELEVATION
 - POST-DEVELOPMENT OVERLAND FLOW DIRECTION
 - POST-DEVELOPMENT DRAINAGE AREA BOUNDARY TO WETLAND
 - DRAINAGE AREA IN HECTARES



WETLAND ID	EXISTING DRAINAGE AREA (HA)	(*) PROPOSED DRAINAGE AREA (HA)	CHANGE IN DRAINAGE AREA (%)
W1	1.34	0.22	84
W2	5.08	2.65	48
W3	22.56	3.04	87
W4	6.20	1.50	76
W5	7.42	1.71	77
W6	4.74	1.16	75
TOTAL	47.34	10.28	447

(*) POST-DEVELOPMENT CONDITION ASSUMES LOSS OF WETLAND 1 AND 2 FOOTPRINT DUE TO THE GORE ROAD WIDENING.

NOTES:

- * REFER TO DRAWING 7.1 FOR EXISTING DRAINAGE AREA PLAN TO WETLANDS.
- * A ROOF DRAIN COLLECTOR (RDC) SYSTEM WILL BE PROPOSED AS THE APPROACH TO MITIGATION OF THE INFILTRATION DEFICIT TO THE INDIVIDUAL WETLANDS. THE RDC SYSTEM IS A "THIRD PIPE" WITHIN THE PROPOSED ROW COLLECTING CLEAN ROOF DRAINAGE AS WELL AS THE DRAINAGE FROM REAR LOT PERVIOUS AREAS. REFER TO A TYPICAL ROW DETAIL WITH RDC ON THIS DRAWING.
- * FEATURE BASED WATER BALANCE WILL BE FURTHER ADVANCED IN FUTURE SUPPORTING STUDIES, AND THE PROPOSED RDC SYSTEM WILL BE CONSIDERED IN CONJUNCTION WITH THE APPROPRIATE ADDITIONAL LID MEASURES.

URBANTECH
Town of Caledon
Regional Municipality of Peel
Macville Secondary Plan
(Bres Option 3 Lands)
PROPOSED DRAINAGE TO WETLANDS W1-W6 AND TYPICAL RDC TRENCH DETAIL

DESIGNED BY: J.D.B. DATE: 2020
DRAWN BY: V.P. CHECKED BY: D.Z. DRAWING NO. 15-458
SCALE: 1:1000 DATE: JAN. 2021 SHEET NO. 702