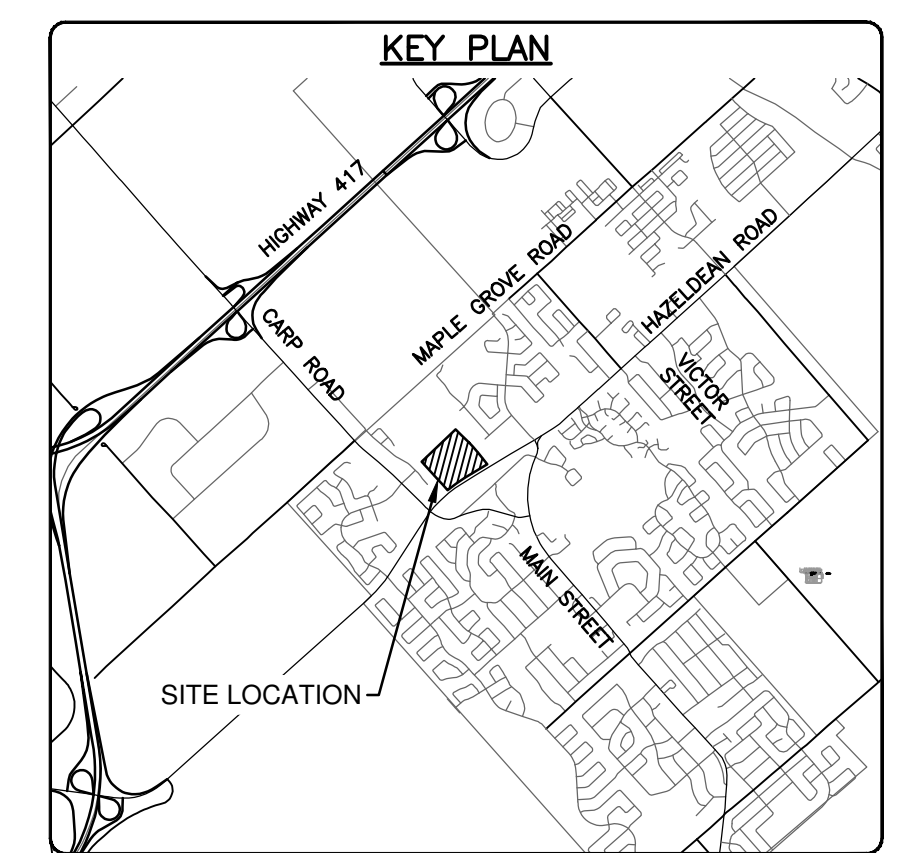
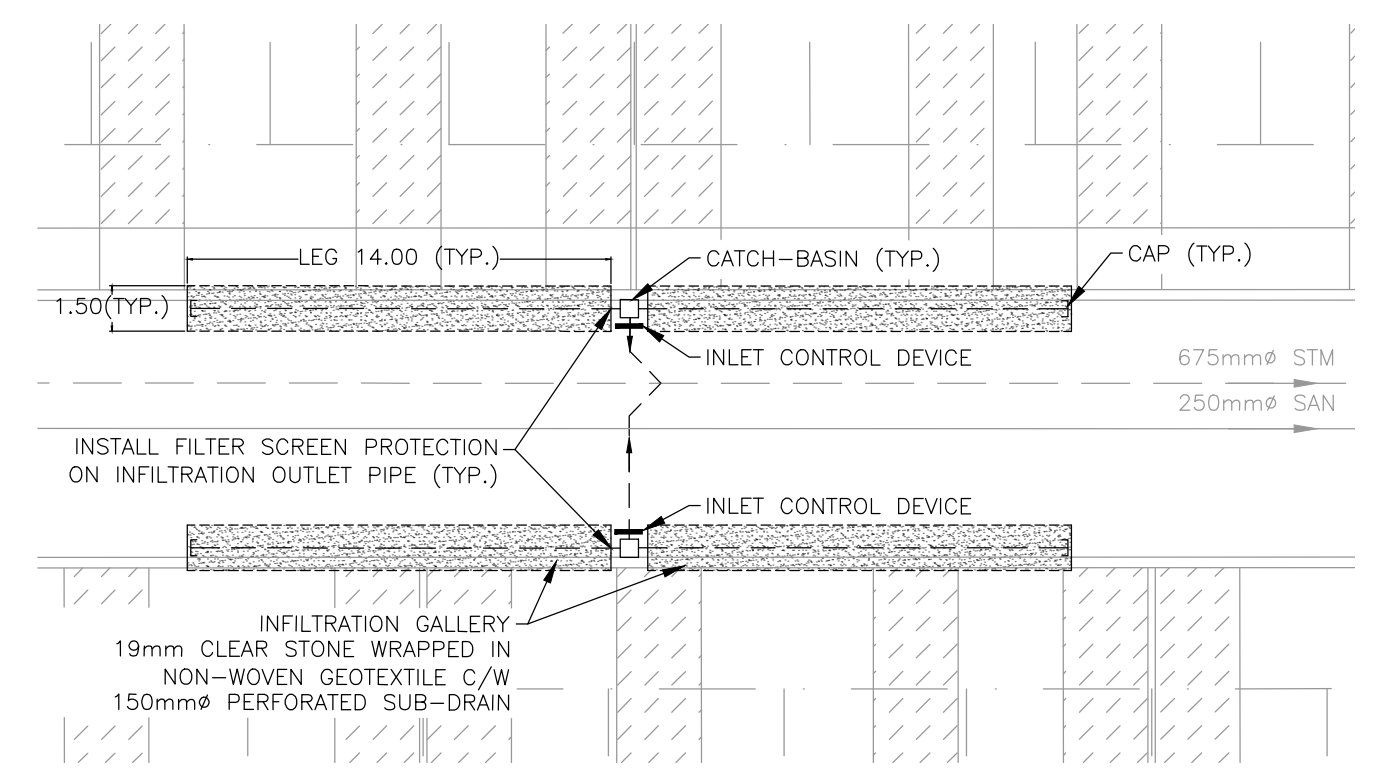
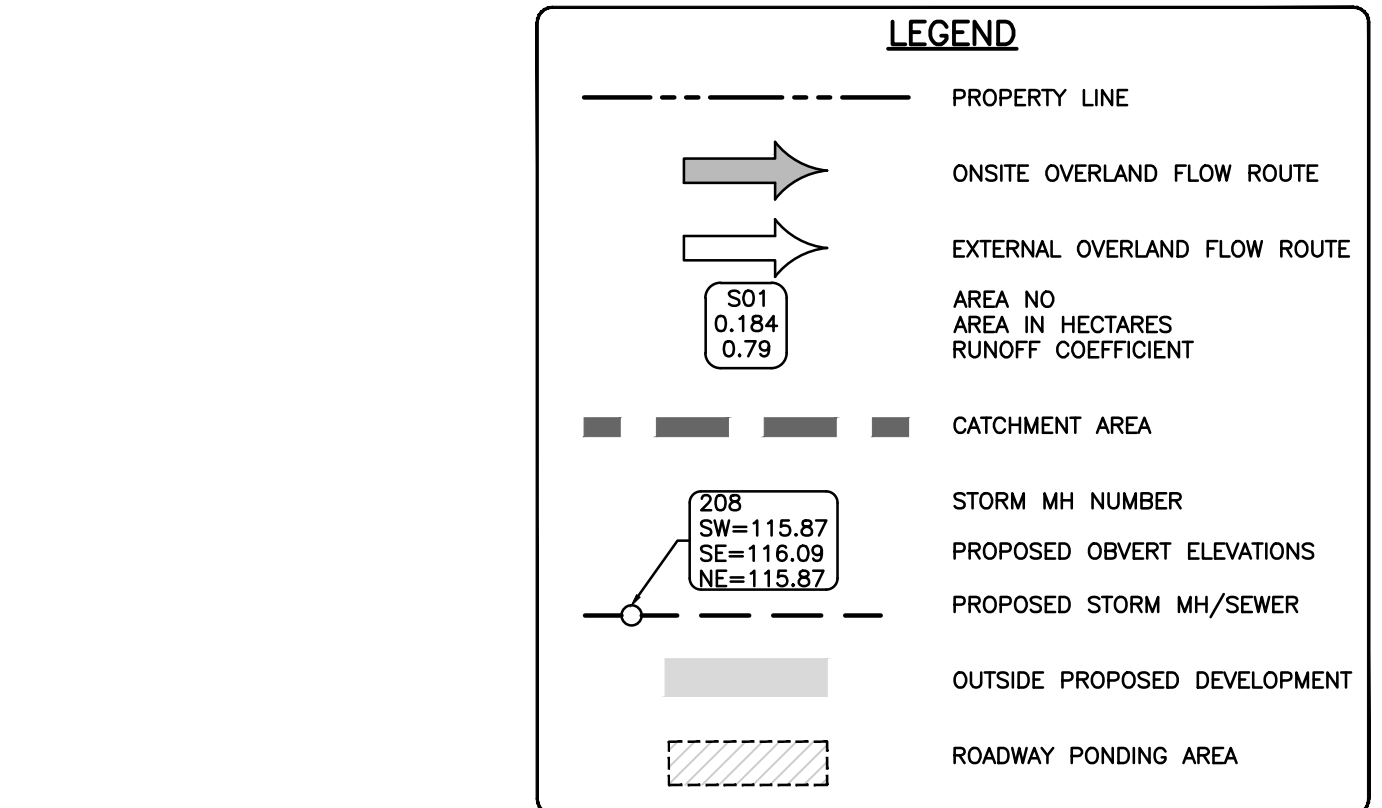


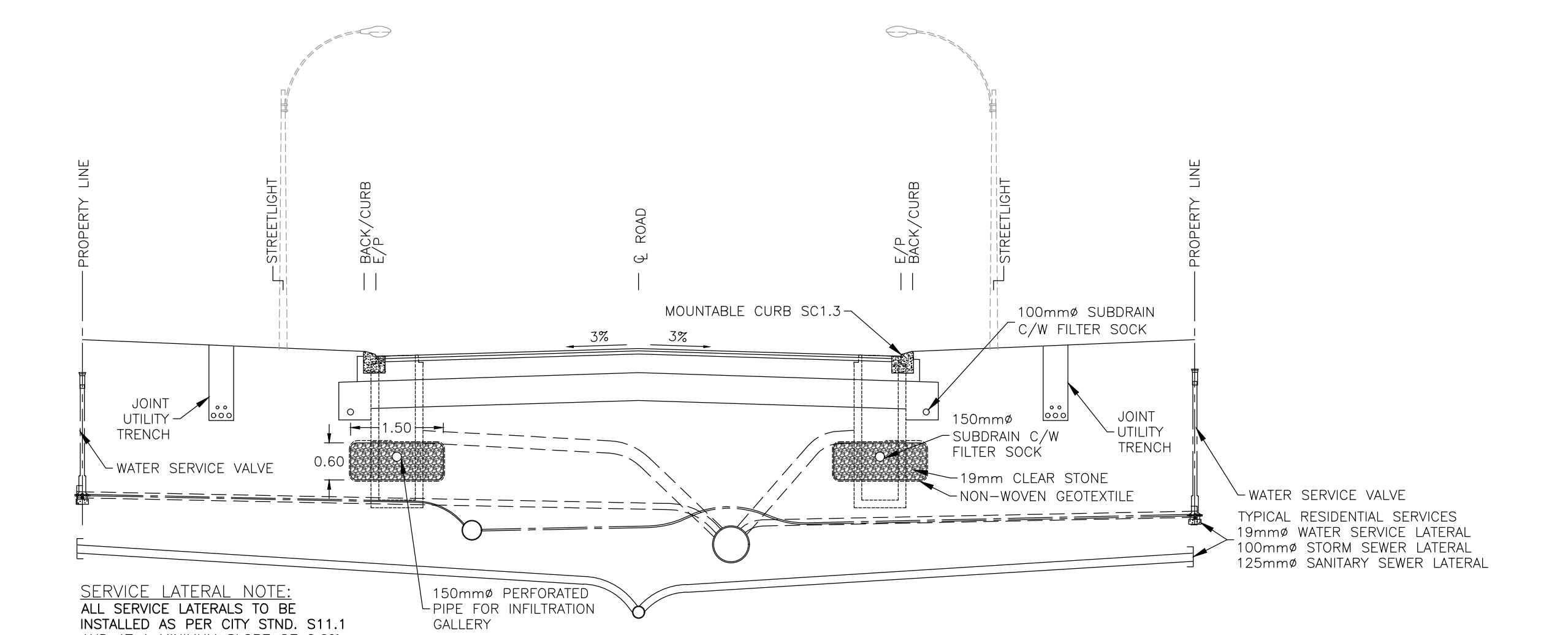
ROADWAY PONDING					L.I.D. INFILTRATION				
PONDING NAME	MAX SPILL AREA (m <sup>2</sup> )	MAX SPILL ELEV (m)	MIN ELEV (m)	SPILL DEPTH (m)	NUMBER OF LEGS (ea)	LENGTH (m)	TOTAL VOLUME (m <sup>3</sup> )	VOID RATIO	STORAGE VOLUME (m <sup>3</sup> )
SP-01	710	120.17	119.95	0.22	4	14.0	50.4	35%	17.64
SP-02	304	119.39	119.253	0.137	4	14.0	50.4	35%	17.64
SP-03	446	118.77	118.61	0.16	4	14.0	50.4	35%	17.64
SP-04	866	118.62	118.33	0.29	4	14.0	50.4	35%	17.64
SP-05	760	118.52	118.23	0.29	4	14.0	50.4	35%	17.64
SP-06	1272	118.42	118.13	0.29	4	14.0	50.4	35%	17.64
SP-07	406	118.25	118.08	0.17	4	14.0	50.4	35%	17.64



NAME	TYPE	ICD	ICD TYPE	REF. PONDING LOC
CB01	FLOW-BY	YES	TYPE A	N/A
CB02	FLOW-BY	YES	TYPE A	N/A
CB03	PONDING	YES	TYPE C	SP-01
CB04	PONDING	YES	TYPE C	SP-01
CB08	FLOW-BY	YES	TYPE B	N/A
CB09	FLOW-BY	YES	TYPE B	N/A
CB11	FLOW-BY	YES	TYPE B	N/A
CB12	PONDING	NO	NONE	SP-03
CB13	PONDING	YES	TYPE B	SP-03
CB15	PONDING	YES	TYPE C	SP-04
CB16	PONDING	YES	TYPE C	SP-04
CB17	PONDING	YES	TYPE A	SP-05
CB18	PONDING	YES	TYPE A	SP-05
CB20	FLOW-BY	YES	TYPE B	N/A
CB21	FLOW-BY	YES	NONE	N/A
CB23	PONDING	YES	TYPE B	SP-06
CB24	PONDING	YES	TYPE B	SP-06
CB25	PONDING	YES	TYPE B	SP-06
CB28	PONDING	YES	NONE	SP-02
CB29	PONDING	YES	TYPE B	SP-02
CB30	PONDING	YES	TYPE A	SP-07
CB31	PONDING	YES	TYPE A	SP-07
CB33	FLOW-BY	YES	TYPE A	N/A
CB34	FLOW-BY	NO	NONE	N/A
CB36	FLOW-BY	YES	TYPE A	N/A
CB37	FLOW-BY	YES	TYPE A	N/A
CB38	FLOW-BY	NO	NONE	N/A
CB42	FLOW-BY	YES	TYPE A	N/A
CB43	FLOW-BY	YES	NONE	N/A
CB44	FLOW-BY	YES	TYPE C	N/A
CB45	FLOW-BY	YES	TYPE C	N/A
CB50	FLOW-BY	YES	TYPE A	N/A
CB51	FLOW-BY	YES	TYPE A	N/A
CB52	FLOW-BY	YES	TYPE A	N/A
CB55	FLOW-BY	YES	TYPE A	N/A
CB56	FLOW-BY	YES	TYPE B	N/A
CB57	FLOW-BY	YES	TYPE A	N/A
CB58	FLOW-BY	YES	N/A	N/A
CB60	FLOW-BY	NO	N/A	N/A
CB62	FLOW-BY	NO	N/A	N/A
CB70	FLOW-BY	YES	TYPE C	N/A
CB71	FLOW-BY	YES	TYPE C	N/A
CB79	FLOW-BY	YES	TYPE C	N/A
CB80	FLOW-BY	YES	TYPE B	N/A



01 INFILTRATION GALLERY DETAIL-PLAN VIEW  
SCALE: 1:250



02 TYPICAL ROAD CROSS-SECTION AT PONDING AREAS  
SCALE: 1:75

**CAUTION**  
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

**PRELIMINARY**  
NOT FOR CONSTRUCTION

REV	REVISION DESCRIPTION	DATE	BY	APPD
3	REVISED PER CITY COMMENTS	24/09/21	JH	BMT
2	SUBMISSION NO.2	04/27/21	SK	BMT
1	SUBMISSION NO.1	04/08/20	SK	BMT

SCALE: 1:750

DESIGNED BY: J.L. FITZPATRICK

PROVINCE OF ONTARIO

REVIEWED BY: B.M. THOMAS

PROVINCE OF ONTARIO

CLIENT: 11654128 CANADA INC.  
768 BOULEVARD ST. JOSEPH  
GATINEAU, QC

exp. Services Inc.

BASEPLAN: SK

DESIGN: JLF

CHECKED: BMT

CAD: SK

PROJECT MANAGER: JLF

APPROVED: BMT

PROJECT: 6171 HAZELDEAN ROAD  
OTTAWA, ONTARIO.

PROJECT NO.: 258780

SURVEY: Z38800-FMW

DATE: 24/07/20

TITLE: MACRO STORM DRAINAGE AREA PLAN

STMM