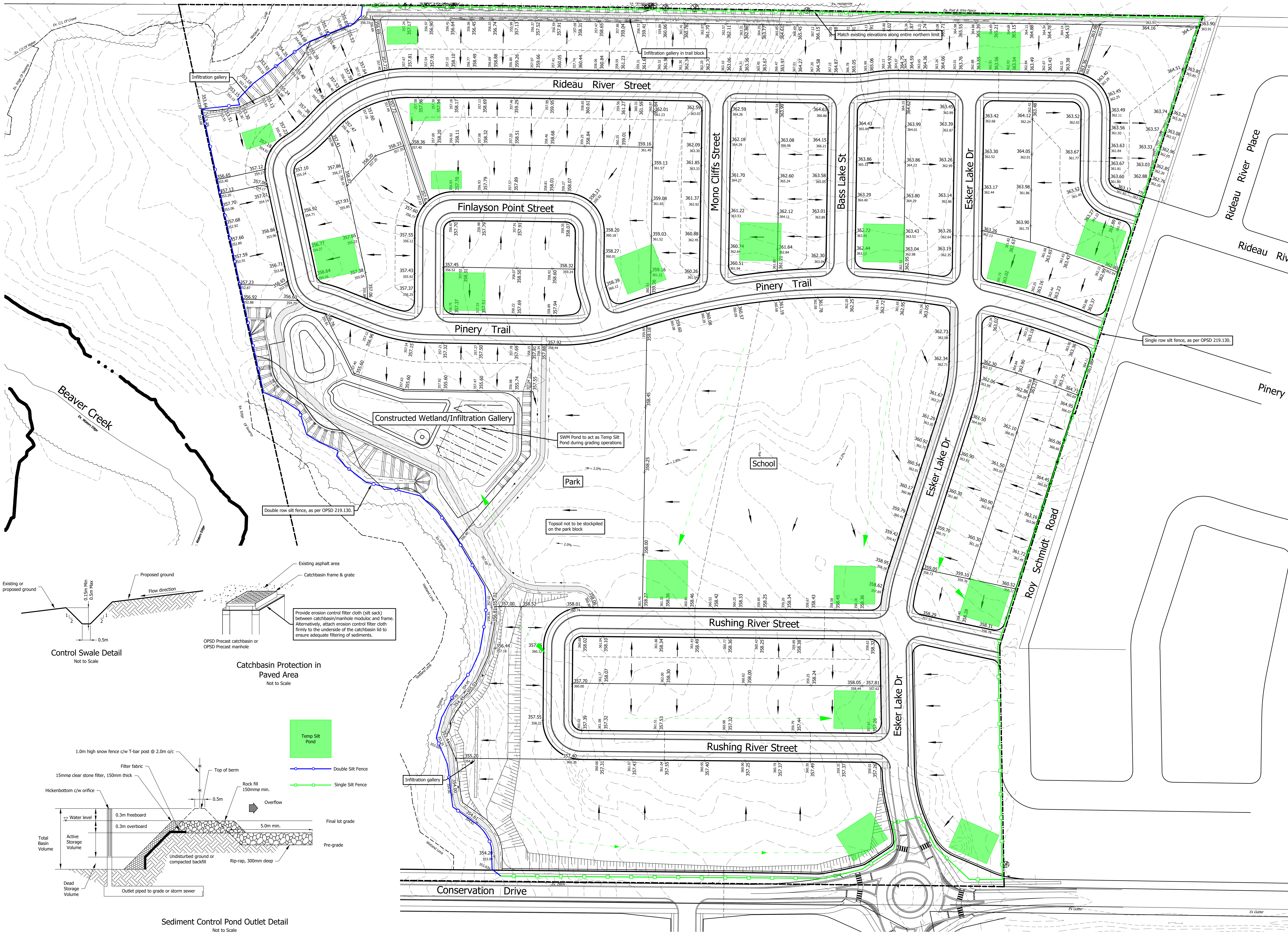
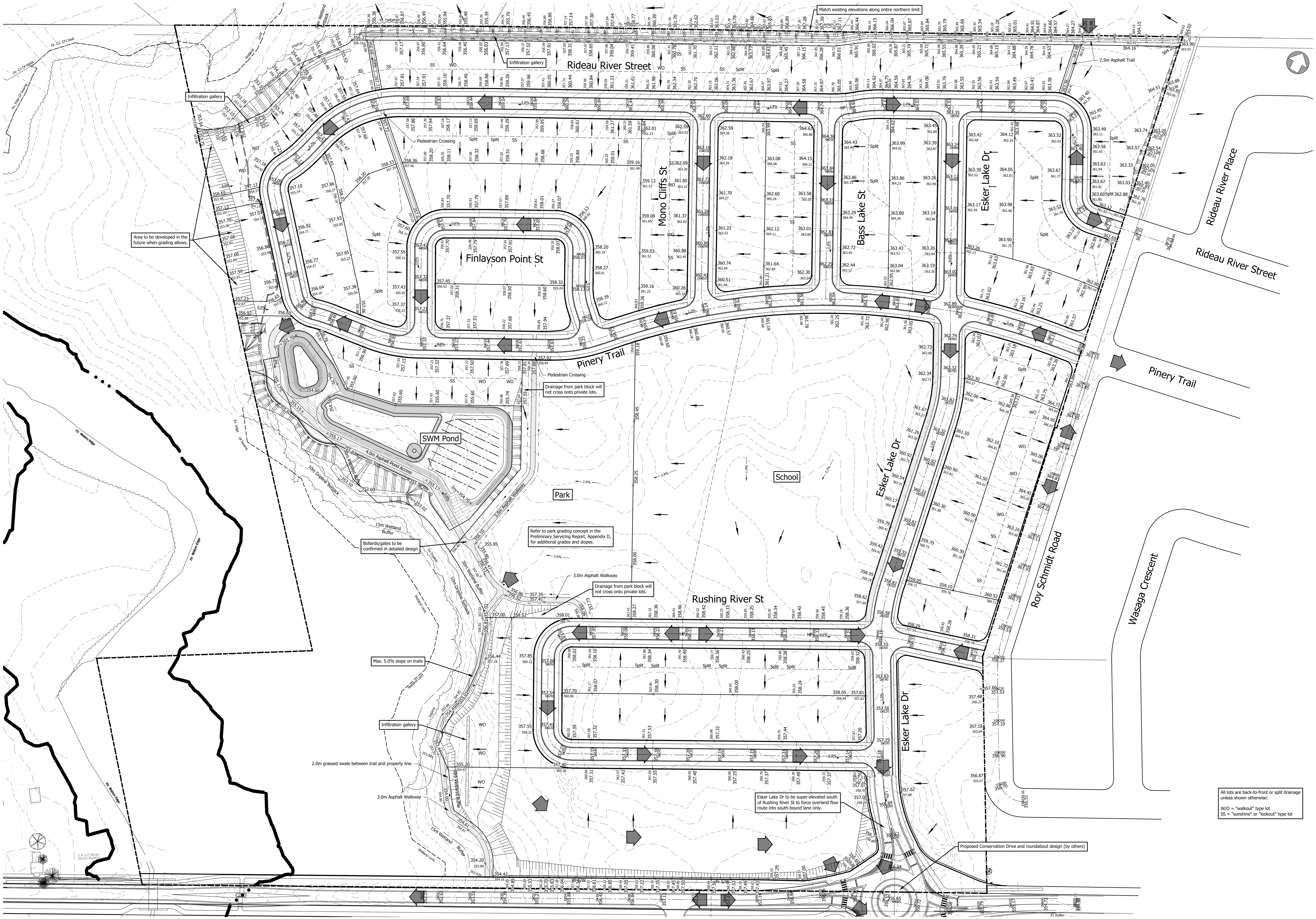


MERITECH engineering
1315 Bishop Street North, Suite 202 Cambridge
T 519.623.1140 F 519.623.7334 www.meritech.ca

DRAWING: Preliminary Erosion & Sedimet Control Plan
556 & 576 Conservation Drive

DRAWN BY:	STV	CHECKED BY:	CHT	SCALE:	1: 1000
FILE NAME:	1279.Figures	DATE:	Nov 2023		1279-ESC



All lots are back-to-front or split drainage unless shown otherwise:

W/O = "walkout" type lot
SS = "sunshine" or "lookout" type lot

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DRAWING:	Preliminary Grading Plan 556 & 576 Conservation Drive		
DRAWN BY:	STV	CHECKED BY:	CHT
SCALE:	1:1000		
FILE NAME:	1279.Figures	DATE:	Nov 2023
	1279-SG		

Split point of sanitary and 3rd pipe.

Rear yards to infiltration gallery, sized for 2-yr volume.

~Inv @ Intersection
Wat=362.70
San=361.60
CWC=362.00

~Inv @ Intersection
Stm=360.50
Wat=361.30
San=359.50
CWC=360.00

Rear yards to infiltration gallery, sized for 2-yr volume.

Rideau River Street

~Inv @ Intersection
Stm=354.90
Wat=355.00
San=354.20
CWC=354.45

~Inv @ Intersection
Stm=360.95
Wat=360.75
San=360.00
CWC=360.50

200mmø Wmn, Esker Lake Dr (Pinery Trail to Rideau River Street) & Rideau River Street

150mmø Wmn, Finlayson Point St, Mono Cliffs St & Bass Lake St

Finlayson Point St

Mono Cliffs St

Bass Lake St

Esker Lake Dr

Rideau River Place

Rideau River Street

~Inv @ Intersection
Stm=354.30
Wat=354.55
San=353.50
CWC=354.30

~Inv @ Intersection
Stm=356.20
Wat=356.40
San=355.50
CWC=356.00

~Inv @ Intersection
Stm=360.05
Wat=360.00
San=359.00
CWC=359.50

~Inv @ Intersection
Stm=359.50
Wat=360.80
San=358.75
CWC=359.10

Pinery Trail

300mmø Wmn

Ex 200mmø Wmn

900mmø Stm into SWM Pond

~Inv @ Intersection
Stm=358.00
Wat=358.15
San=357.20
CWC=357.70

~Inv @ Intersection
Stm=355.00
Wat=355.20
San=353.10
CWC=354.50

~Inv @ Intersection
Stm=355.60
Wat=355.80
San=352.60
CWC=355.00

200mmø Wmn Pinery Trail (Esker Lake Dr to West End)

Split point of sanitary and 3rd pipe.

Pinery Trail

Wetland

Underground Infiltration System

Ex. Edge Of Swamp

30m Wetland Buffer

10m Dripline Setback

Ex. Hedgerow

5m Hedgerow Setback

Ex. Ctl Of Water

Ex. Ctl Of Creek

Ex. Edge Of Swamp

Wetland Limit

Ex. Water's Edge

300mmø Wmn, Esker Lake Dr (Conservation Drive to Pinery Trail)

Esker Lake Dr

3rd pipe (CWC) system for roof leaders.

Level spreader

15m Wetland Buffer

200mmø San, Remainder of Subdivision

School roof area to infiltration. Exact location to be determined.

~Inv @ Intersection
Wat=355.85
San=351.20
CWC=356.10

~Inv @ Intersection
Stm=354.90
Wat=356.15
San=350.00
CWC=355.00

Roy Schmidt Road

Wasaga Crescent

Kawartha Street

Rushing River St

Overflow to storm sewer from CWC system (typ)

200mmø Wmn, Rushing River St

250mmø San, Esker Lake Dr (Conservation Drive to North end of Rushing River St)

Esker Lake Dr

Rear yards to infiltration gallery, sized for 2-yr volume.

~Inv @ Intersection
Stm=353.50
Wat=355.20
San=349.60
CWC=354.00

Overflow to storm sewer from CWC system

Culverts to direct drainage under trail

600mmø Stm to External SWM Facility
Required Inv=353.35

1050mmø Stm to External SWM Facility
Required Inv=352.90

250mmø San to External SPS
Required Inv=349.10

Connection of watermain by others

Conservation Drive

Ex Gutter

Ex Gutter

1 & 1/2 Storey Stucco Residence

MERITECH engineering
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DRAWING: Preliminary Servicing Plan
556 & 576 Conservation Drive

DRAWN BY:	STV	CHECKED BY:	CHT	SCALE:	1: 1000
FILE NAME:	1279.Figures	DATE:	Nov 2023		1279-SS