Existing Residential

PRE-DEVELOPMENT DRAINAGE TO BE MAINTAINED TO RIDEAU RIVER

REINFORCED GRASS ACCESS ROAD FOR STORMWATER OUTLET

STORMWATER OUTLET WITH PLUNGE POOL (GRANULAR B)

ROAD WIDENING

RIDEAU RIVER

OPEN SPACE OUTLET TO ROADSIDE DITCH

OPEN SPACE

BLOCK ROAD WIDENING

OUTLET TO RIVER

VORTECH UNIT

MANOTICK PUMPING STATION

SERVICING BLOCK

EXISTING RIDEAU VALLEY DRIVE BRIDGE

SWALE TO DIRECT OVERLAND FLOW

EXISTING OXBOW

Existing Residential

OPEN SPACE

MUD CREEK

Park

OPEN SPACE

WILSON COWAN DRAIN

OPEN SPACE

Existing Residential

Lockmaster Crescent

Existing Park

Bankfield Road

Existing Residential

Existing Residential

Existing Residential

ROAD WIDENING

0.18 D-01 0.20

0.17 C-21 0.70

0.21 C-22 0.70

0.40 C-19 0.45

0.19 C-18 0.70

0.12 C-20 0.45

0.33 C-15 0.70

0.35 C-16 0.70

0.56 C-14 0.45

0.12 C-17 0.70

0.22 C-09 0.70

0.22 C-10 0.70

0.25 C-13 0.70

0.33 C-12 0.70

0.67 C-07 0.45

0.17 C-08 0.70

0.60 C-11 0.45

0.33 C-01 0.70

0.31 C-04 0.70

0.28 C-03 0.70

0.29 C-02 0.70

0.18 C-05 0.70

0.32 C-06 0.70

0.71 B-01 0.45

0.24 A-01 0.70

250mmØ STM

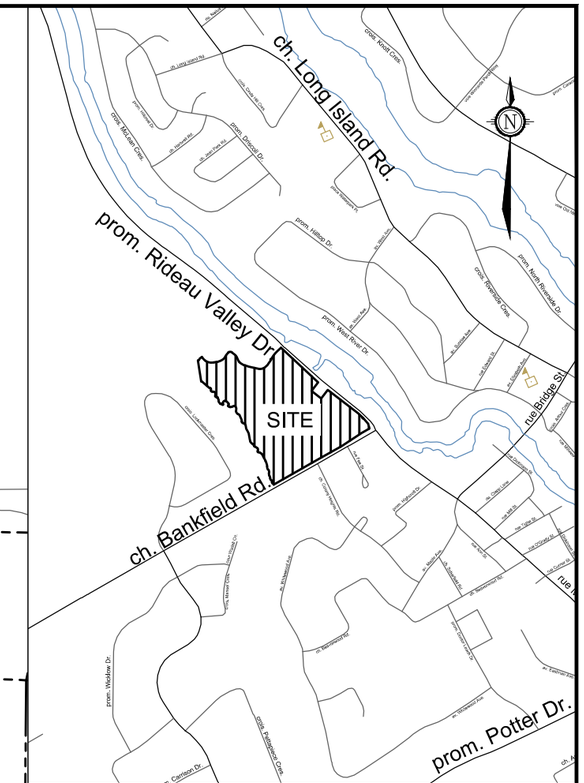
300mmØ STM

750mmØ STM

375mmØ STM

450mmØ STM

525mmØ STM



LEGEND

0.34 / C-15 / 0.70	DRAINAGE AREA (hectares) / AREA ID / RUN-OFF COEFFICIENT
	STORM DRAINAGE AREA
	EXISTING STORM SEWER AND MH
	PROPOSED STORM SEWER AND MH
	FLOODPLAIN

NOVATECH
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CITY OF OTTAWA
STINSON LANDS
4386 RIDEAI VALLEY DRIVE

POST-DEVELOPMENT STORM DRAINAGE AREA PLAN

SCALE		
1:2000		
DATE MAR 2025	JOB 121153	FIGURE 4.1

M:\2021\121153\CAD\Design\121153-STM.dwg, FIG 4.1, Dec 17, 2024 - 10:19am, brundle

SHT11X17.DWG - 279mmX432mm