



LEGEND

	DRAINAGE AREA LIMITS		PROPERTY LINE
	DRAINAGE AREA ID AREA (ha) RUNOFF COEFFICIENT (5-YEAR)		PROPOSED WINDOW WELL
	PROPOSED STORM MANHOLE		PROPOSED TERRACE GRADING (3:1 MAX)
	EXISTING STORM MANHOLE		PROPOSED DEPRESSED CURB
	PROPOSED CATCH BASIN WITH INLET CONTROL DEVICE		FINISHED FLOOR ELEVATION
	PROPOSED STORM SEWER		PROPOSED DOWNPIPE (TO DRAIN TO INFILTRATION PIT)
	EXISTING STORM SEWER		PROPOSED DOWNPIPE (TO DRAIN TO SURFACE)
	DIRECTION OF OVERLAND FLOW		
	APPROXIMATE PONDING LIMITS AND ELEVATIONS		

STORMWATER MANAGEMENT NOTES:

1. REFER TO 'SITE SERVICING AND STORMWATER MANAGEMENT REPORT' (R-2019-094) PREPARED BY NOVATECH ENGINEERING CONSULTANTS LTD.

INLET CONTROL DEVICE DATA - CB1				
ICD TYPE: TEMPEST LMF ICD VORTEX 98 (AS PER S4.1)				
DIAMETER OF OUTLET PIPE: 200mm				
DESIGN EVENT	DESIGN FLOW (L/s)	DESIGN HEAD (m)	WATER ELEVATION (m)	VOLUME (m³)
1.5 YR	10.1	1.46	92.16	1.3
1:100 YR	10.3	1.52	92.22	6.2

APPROVED
By Jenny Kluge at 2:28 pm, Jan 16, 2020

JENNY KLUKE
PLANNER
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

NOTE:
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.

OWNER INFORMATION
HABITAT FOR HUMANITY GREATER OTTAWA
768 BELFAST ROAD
OTTAWA, ON K1G 0Z7
PHONE: 613-749-9950

No.	REVISION	DATE	BY
3.	ISSUED WITH REVISED SS&SWM REPORT	08 NOV 2019	GJM
2.	ISSUED WITH REVISED SS&SWM REPORT	18 SEPT 2019	GJM
1.	ISSUED WITH SITE SERVICING & SWM REPORT	25 JUN 2019	GJM

SCALE
1:200

DESIGN
LGB
CHECKED JAG
DRAWN RG
CHECKED LGB/JAG
APPROVED GJM

FOR REVIEW ONLY

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Website www.novatech-eng.com

LOCATION
CITY OF OTTAWA
455 WANAKI ROAD (BLOCK 29)

DRAWING NAME
STORM DRAINAGE AREA PLAN

PROJECT No.	119066-00
REV	REV # 3
DRAWING No.	119066-STM

NOVATECH\2018\Nov20\2018\119066\CAD\Design\119066-STM.dwg, STM, Nov 08, 2019 - 10:42am, lbolam

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