



LEGEND

- 0.24 ha
1
0.65
- DRAINAGE AREA (hectares)
- AREA ID
- RUN-OFF COEFFICIENT
- DRAINAGE BOUNDARY AREA
- PROPOSED STORM MANHOLE & SEWER WITH DIRECTION OF FLOW
- EXISTING STORM MANHOLE & SEWER WITH DIRECTION OF FLOW
- PROPOSED CATCHBASIN MANHOLE
- EXISTING CATCHBASIN MANHOLE
- PROPOSED ROAD CATCHBASIN
- EXISTING ROAD CATCHBASIN
- PROPOSED REAR YARD CATCHBASIN
- EXISTING REAR YARD CATCHBASIN
- MAJOR SYSTEM FLOW ROUTE
- 100 yr PONDING AREA
- 100 yr + 20% PONDING AREA
- MAX. STATIC PONDING AREA

STM MANHOLE TABLE

MANHOLE ID	OBVERT
2	N=86.27 E=86.27 S=86.27
4	N=86.39 S=86.39 E=86.39
6	N=86.57 S=86.57
8	N=87.07 E=87.71
10	N=86.68 S=86.68
12	S=86.53 E=86.53 W=86.53
14	W=86.71 N=87.73 E=87.00
16	N=86.89 SE=87.97
18	W=86.73
116	W=86.21 S=86.21 E=86.21

CATCHBASIN TABLE

CB ID	T/G ELEVATION	INVERT	I.C.D.
CB1	89.00	87.30	Tempest LMF Vortex 93
CB2	89.08	87.38	Tempest LMF Vortex 78
CB3	89.15	87.45	Tempest LMF Vortex 78
CB4	89.18	87.48	Tempest LMF Vortex 78
CB5	89.55	88.84	Tempest LMF Vortex 94
CB6	89.13	87.43	Tempest LMF Vortex 78
CB7	89.12	87.42	Tempest LMF Vortex 78
CB8	89.05	87.35	Tempest LMF Vortex 78
LCB1	89.15	87.90	-
RYCB1	88.24	86.84	Tempest LMF Vortex 94
RYCB2	88.44	87.04	Tempest LMF Vortex 93
RYCB3	88.55	87.15	Tempest LMF Vortex 93

PONDING

PONDING ID	STRUCTURE	100 YEAR PONDING ELEVATION	100 YEAR PONDING DEPTH (m)	100 YEAR + 20% PONDING ELEVATION	100 YEAR + 20% PONDING DEPTH (m)	MAX STATIC PONDING ELEVATION	MAX STATIC PONDING DEPTH (m)
P1	CB1	89.15	0.15	89.22	0.22	89.29	0.29
P2	CB2	89.32	0.24	89.36	0.28	89.38	0.30
P3	CB3	89.31	0.16	89.34	0.19	89.45	0.30
P4	CB4	89.32	0.14	89.35	0.17	89.48	0.30
P5	CB5	89.38	0.20	89.42	0.24	89.43	0.25
P6	CB6	89.38	0.25	89.45	0.32	89.38	0.25
P7	CB7	89.32	0.20	89.35	0.23	89.42	0.30
P8	CB8	89.29	0.24	89.33	0.28	89.33	0.28
P9	LCB1	89.31	0.16	89.34	0.19	89.45	0.30

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.

No.	REVISION	DATE	BY
1.	ISSUED FOR APPROVAL	JUN 29/20	MAB

SCALE
1:400

DESIGN DTD
CHECKED MAB
DRAWN DTD
CHECKED MAB
APPROVED JGR

FOR REVIEW ONLY

NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1R6
Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

CITY OF OTTAWA
PROVENCE ORLEANS - 2128 TRIM ROAD (BLOCK 126)

PROJECT No. 120057
REV # 1
DRAWING No. 120057-STM

STORM DRAINAGE AREA PLAN

M:\2020\120057\CAD\DWG\120057-STM.dwg, PLANS.A1, Jun 30, 2020, 1:33pm, dtd.ron