

CATCHBASIN TABLE				
CB ID	T/G ELEVATION	INVERT	I.C.D.	RELEASE RATE
CB1	89.00	87.30	Tempest LMF Vortex 89	9.4
CB3	89.18	87.78	-	-
CB4	89.18	87.78	-	-
CB5	89.13	87.43	Tempest MHF 98mm	26.7
CB6	89.02	87.62	-	-
CB7	88.97	87.57	-	-
RYCB1	88.18	86.78	Tempest MHF 70mm	12.0
RYCB2	88.44	87.44	-	-
RYCB3	88.55	86.87	Tempest MHF 82mm	18.0
RYCB4	89.15	87.75	-	-

STM MANHOLE TABLE				
MANHOLE ID	T/G ELEVATION	OBVERT	I.C.D.	RELEASE RATE
CBMH2	89.08	N=86.50 S=86.73	Tempest LMF Vortex 64	6.2
CBMH1	89.15	SW=87.91 N=87.16	-	-
2	89.34	N=86.22 E=86.22 S=86.26	-	-
4	89.37	N=86.39 S=86.39 E=86.39	-	-
6	89.26	N=86.79 S=86.84	-	-
8	89.47	N=87.19 E=87.88	-	-
10	89.37	N=86.68 S=86.80	Tempest LMF Vortex 64	6.1
12	89.32	S=86.53 E=86.53 W=86.53	-	-
14	89.29	W=86.71 E=86.92	-	-
16	89.59	SE=87.63 W=87.30	-	-
18	89.31	E=86.72 W=86.41	Tempest LMF Vortex 63	6.0
116	89.34	W=86.21 S=86.21 E=86.21	-	-

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 DEPTH (m)
P1	CB1	89.20	0.20	89.23	0.23	89.31
P2	CBMH2	89.32	0.24	89.36	0.28	89.38
P3	CBMH1	89.32	0.17	89.36	0.21	89.45
P4	CB3	89.37	0.19	89.41	0.23	89.48
P5	CB4	89.37	0.19	89.41	0.23	89.43
P6	CB5	89.34	0.21	89.37	0.24	89.38
P7	CB6	89.24	0.22	89.29	0.27	89.32
P8	CB7	89.25	0.28	89.29	0.32	89.26
P9	RYCB4	89.32	0.17	89.36	0.21	89.45
P10	RYCB2	88.68	0.24	88.78	0.34	88.88
P11	RYCB3	88.67	0.12	88.75	0.20	88.73
P12	RYCB1	88.31	0.13	88.44	0.26	88.78

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
7.	CITY SUBMISSION	MAY 14/21	MAB
6.	CITY SUBMISSION	MAY 3/21	MAB
5.	CITY SUBMISSION	APR 6/21	MAB
4.	CITY SUBMISSION	MAR 24/21	MAB
3.	CITY COMMENTS	NOV 24/20	MAB
2.	CITY COMMENTS	SEP 24/20	MAB
1.	ISSUED FOR APPROVAL	JUN 29/20	MAB

SCALE
1:400

DESIGN
DTD

CHECKED
MAB

DRAWN
DTD

CHECKED
MAB

APPROVED
JGR

FOR REVIEW ONLY

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

PROJECT No. 120057

REV # 7

DRAWING No. 120057-STM

STORM DRAINAGE AREA PLAN

KEY PLAN
N.T.S.

SITE BENCHMARK REFERENCED TO LOCAL GEODESIC DATUM
E: 387158.000
N: 5033761.000
V: 90.139 (CGVD28 - 78)
STN: 0011885U511 M.T.M. ZONE 18

LEGEND

- 0.24 ha AREA ID
- 0.65 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
- HYDRO TRANSFORMER
- COMMUNITY MAILBOX

Jeff McEwen

JEFF MCEWEN P.ENG.
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PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
By Jeff McEwen at 10:40 am, Jul 26, 2021

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