

ML:2020.120057-CADD\Design\120057-STM.dwg, PLANS\A1 Jun 30, 2020, 1:33pm, ddb@on

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS,
WATERMAINS, 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.

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 DEPTH (m)
P1	CB1	89.15	0.15	89.22	0.22	89.29
P2	CB2	89.32	0.24	89.36	0.28	89.38
P3	CB3	89.31	0.16	89.34	0.19	89.45
P4	CB4	89.32	0.14	89.35	0.17	89.48
P5	CB5	89.38	0.20	89.42	0.24	89.43
P6	CB6	89.38	0.25	89.45	0.32	89.38
P7	CB7	89.32	0.20	89.35	0.23	89.42
P8	CB8	89.29	0.24	89.33	0.28	89.33
P9	LCB1	89.31	0.16	89.34	0.19	89.45

SCALE			
1:400			
0 4 8 12 16			
1.	ISSUED FOR APPROVAL	JUN 29/20	MAB
No.	REVISION	DATE	BY

DESIGN	
CHECKED	DTD
DRAWN	MAB
CHECKED	DTD
APPROVED	MAB
	JGR

FOR REVIEW ONLY

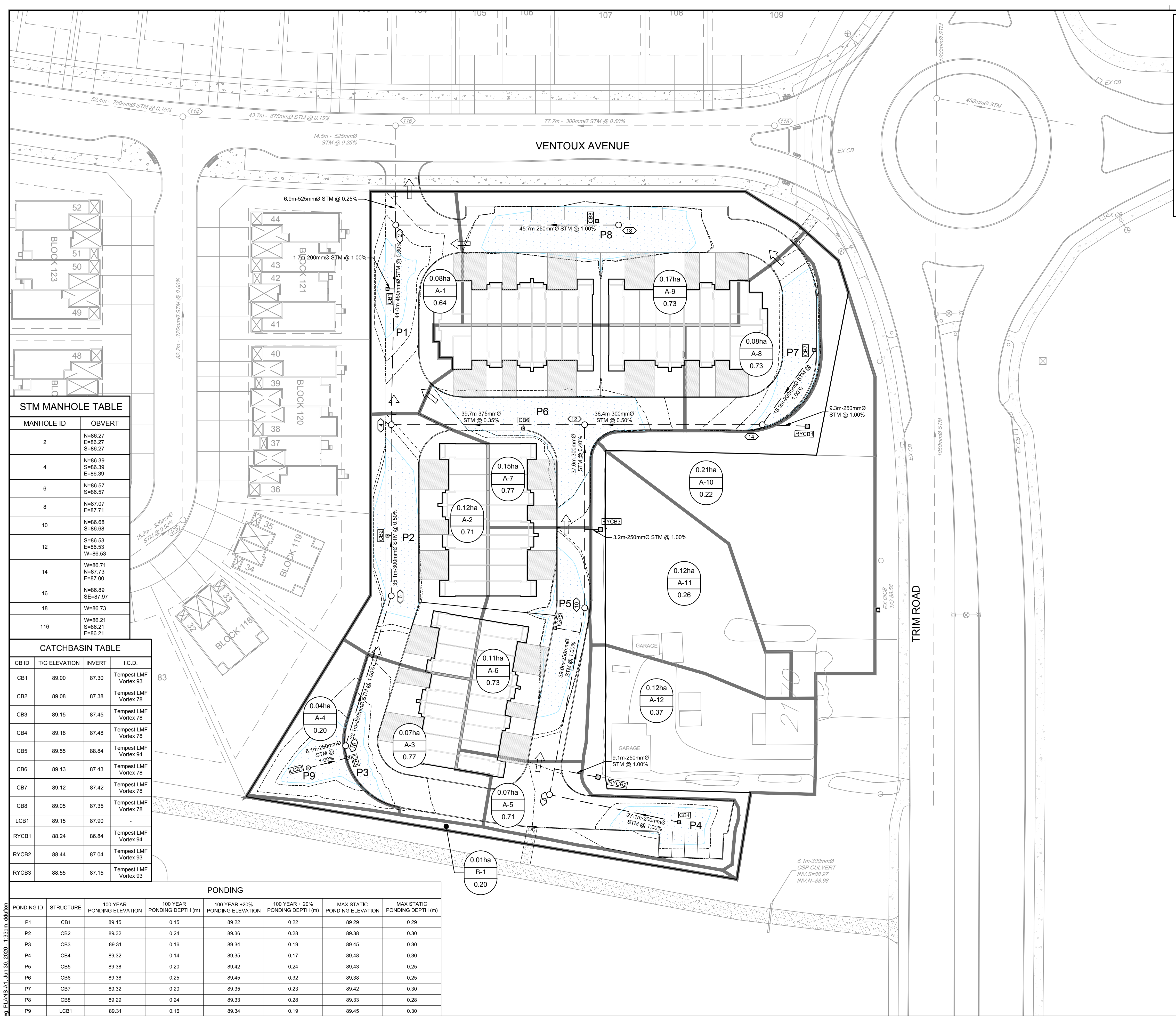


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CITY OF OTTAWA
PROVENCE ORLEANS - 2128 TRIM ROAD (BLOCK 126)

STORM DRAINAGE AREA PLAN

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



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