

LEGEND

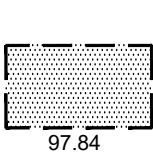
	PROPOSED ELEVATION
	EXISTING ELEVATION
	PROPOSED SWALE ELEVATION
	PROPOSED TOP OF GRATE ELEVATION
	PROPOSED VERTICAL POINT OF INTERSECTION ELEVATION
	PROPOSED TOP OF NOISE WALL ELEVATION
	PROPOSED BOTTOM OF NOISE WALL ELEVATION
	PROPOSED ELEVATION BY OTHERS (CAIVAN ORLEANS VILLAGE)

GRADE AND DIRECTION

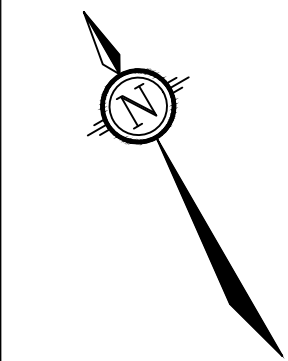
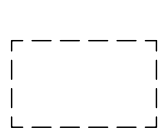
	PROPOSED TERRACE ELEVATION
	SPILL ELEVATION
	FINISHED FLOOR ELEVATION
	TOP OF FOUNDATION ELEVATION
	UNDERSIDE OF FOOTING ELEVATION
	UNIT BASEMENT STYLE (CONVENTIONAL / LOOKOUT / WALKOUT)
	PRESSURE REDUCING VALVE

	EMERGENCY OVERLAND FLOW
	PROPOSED TERRACING
	PROPOSED SWALE
	PROPOSED STORM MH

	PROPOSED LANDSCAPE TEE CATCH BASIN
	PROPOSED LANDSCAPE ELBOW CATCH BASIN
	PROPOSED REAR YARD CATCH BASIN MANHOLE
	PROPOSED REAR YARD CATCH BASIN
	PROPOSED ROAD CATCHBASIN
	EXISTING TREE TO REMAIN IF POSSIBLE



STATIC PONDING LIMITS



KEY PLAN
N.T.S.

SITE BENCHMARK
REFERENCED TO LOCAL
GEODETIC DATUM

ROADWAY CATCHBASIN TABLE (PHASE 2A)					
CB No.	STATION	T/G ELEVATION	INVERT	ICD DIA.	SIZE
30	2+235.53	89.07	87.57	127mm	600 x 600 CB
31**	2+235.52	89.07	87.65	102mm	600 x 600 CB
32	2+172.35	89.47	87.97	108mm	600 x 600 CB
33	2+172.35	89.47	87.97	83mm	600 x 600 CB
34	9+535.97	89.51	88.01	127mm	600 x 600 CB
35	9+535.97	89.51	88.01	127mm	600 x 600 CB
36	9+396.24	89.79	88.29	83mm	600 x 600 CB
37	9+395.97	89.79	88.29	127mm	600 x 600 CB
38*	9+387.20	89.86	88.36	83mm	600 x 600 CB
39*	9+351.61	90.13	88.77	83mm	600 x 600 CB
40	9+294.96	90.23	88.73	102mm	600 x 600 CB
41	9+294.96	90.13	88.63	127mm	600 x 600 CB
42	9+139.87	90.30	88.80	94mm	600 x 600 CB
43	9+140	90.29	88.79	102mm	600 x 600 CB
52	9+382.52	89.81	88.31	83mm	600 x 600 CB

* SOLID COVER
** CURB INLET

ROADWAY CATCHBASIN TABLE (PHASE 3A)					
CB No.	STATION	T/G ELEVATION	INVERT	ICD DIA.	SIZE
53	2+079.97	89.66	88.16	127mm	600 x 600 CB
54	2+079.97	89.71	88.21	108mm	600 x 600 CB

BLOCK 161
Medium Density Residential
Area= 1.02 Ha
(2.54 Acres)

APPROXIMATE LIMIT OF CDP BOUNDARY

36 INNES ROAD
HAUL SITE
(D07-12-20-0086)

3604 INNES ROAD
CARWASH
(D07-12-18-0132)

Street Nine

BLOCK 160
Medium Density Residential
Area= 1.01 Ha
(2.50 Acres)

Street Nine

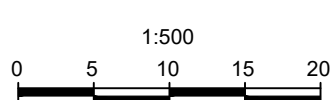
NOTE:
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LOCATION OF ALL SUCH UTILITIES AND
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PRELIMINARY

No.	REVISION	DATE	BY
2.	REVISED AND REISSUED FOR REVIEW	NOV 26/21	BHB
1.	ISSUED FOR REVIEW	JUNE 18/21	BHB

SCALE

1:500



DESIGN	DJC
CHECKED	BCS
DRAWN	MFD
CHECKED	BCS
APPROVED	BHB

FOR REVIEW ONLY



NOVATECH

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Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

LOCATION
CITY OF OTTAWA
THE COMMONS

DRAWING NAME

PONDING AND ICD PLAN

PROJECT No.

118224-00

REV

REV # 2

DRAWING No.

118224-P-ICD1

LEGEND

PROPOSED ELEVATION
EXISTING ELEVATION
PROPOSED SWALE ELEVATION
PROPOSED TOP OF GRATE ELEVATION
PROPOSED VERTICAL POINT OF INTERSECTION ELEVATION
PROPOSED TOP OF NOISE WALL ELEVATION
PROPOSED BOTTOM OF NOISE WALL ELEVATION
PROPOSED ELEVATION BY OTHERS (CAIVAN ORLEANS VILLAGE)

GRADE AND DIRECTION
PROPOSED TERRACE ELEVATION
SPILL ELEVATION
FINISHED FLOOR ELEVATION
TOP OF FOUNDATION ELEVATION
UNDERSIDE OF FOOTING ELEVATION
UNIT BASEMENT STYLE (CONVENTIONAL / LOOKOUT / WALKOUT)
PRESSURE REDUCING VALVE

EMERGENCY OVERLAND FLOW
PROPOSED TERRACING
PROPOSED SWALE
PROPOSED STORM MH

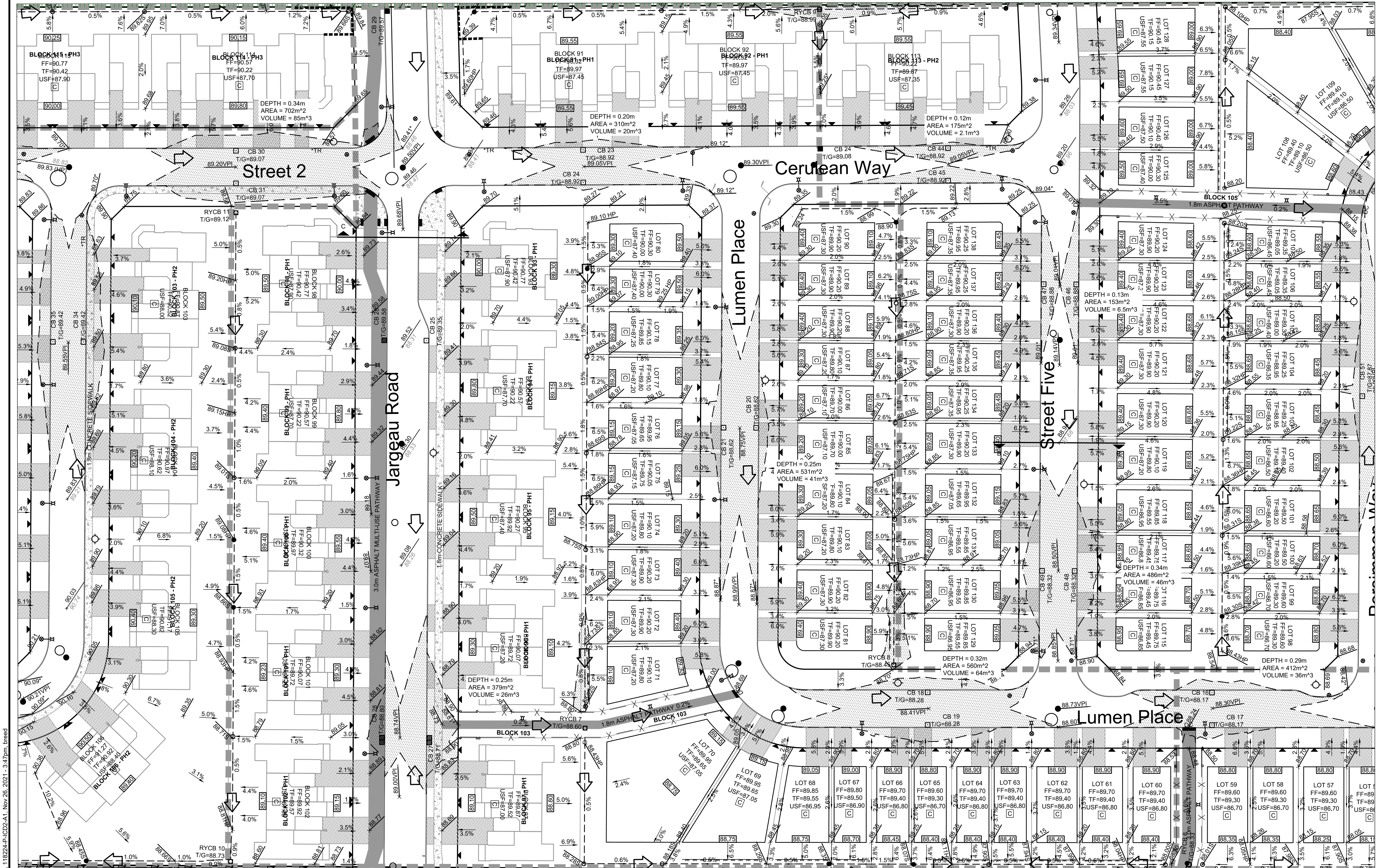
PROPOSED LANDSCAPE TEE CATCH BASIN
PROPOSED LANDSCAPE ELBOW CATCH BASIN
PROPOSED REAR YARD CATCH BASIN MANHOLE
PROPOSED REAR YARD CATCH BASIN
PROPOSED ROAD CATCHBASIN
EXISTING TREE TO REMAIN IF POSSIBLE

STATIC PONDING LIMITS

NORTH

KEY PLAN
N.T.S.

SITE BENCHMARK
REFERENCED TO LOCAL
GEODETIC DATUM



ROADWAY CATCHBASIN TABLE (PHASE 1B)

CB No.	STATION	T/G ELEVATION	INVERT	ICD DIA.	SIZE
18	4+170	88.28	86.78	94mm	600 x 600 CB
19	4+170	88.28	86.78	127mm	600 x 600 CB
20	4+069	88.62	87.12	127mm	600 x 600 CB
21	4+069	88.77	87.27	108mm	600 x 600 CB
23	3+052	88.92	87.42	127mm	600 x 600 CB
24	3+052	88.92	87.42	94mm	600 x 600 CB
25	1+126.45	89.38	87.88	108mm	600 x 600 CB
26**	1+126.45	89.50	88.00	108mm	600 x 600 CB
27***	1+035.61	88.64	87.14	178mm	600 x 600 CB
28***	1+035.62	88.72	87.22	178mm	600 x 600 CB
29*	1+201.84	89.56	88.14	127mm	1,200 mm dia CB/MH

* SOLID COVER
** CURB INLET
*** CURB INLET DUAL CATCHBASIN

ROADWAY CATCHBASIN TABLE (PHASE 2B)

CB No.	STATION	T/G ELEVATION	INVERT	ICD DIA.	SIZE
10	6+165.12	87.57	86.07	127mm	600 x 600 CB
11	6+165.12	87.56	86.06	83mm	600 x 600 CB
22*	3+106.23	89.08	87.58	127mm	600 x 600 CB
44	3+135.44	88.92	87.42	102mm	600 x 600 CB
45	3+135.44	88.92	87.42	83mm	600 x 600 CB
46	5+063.76	88.88	87.38	102mm	600 x 600 CB
47	5+063.76	89.03	87.53	83mm	600 x 600 CB
48	5+129.30	88.37	86.87	102mm	600 x 600 CB
49	5+129.30	88.52	87.02	94mm	600 x 600 CB
50	6+080.50	87.87	86.37	108mm	600 x 600 CB
51	6+080.50	88.02	86.52	127mm	600 x 600 CB

* SOLID COVER

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2.	REVISED AND REISSUED FOR RVIEW	NOV 26/21	BHB
1.	ISSUED FOR REVIEW	JUNE 18/21	BHB

SCALE

1:500

0 5 10 15 20

DESIGN	BR
CHECKED	BCS
DRAWN	BR
CHECKED	BCS
APPROVED	BHB

FOR REVIEW ONLY

PROFESSIONAL ENGINEER
B. H. BAHIA
100164647
NOV 26, 2021
PROVINCE OF ONTARIO

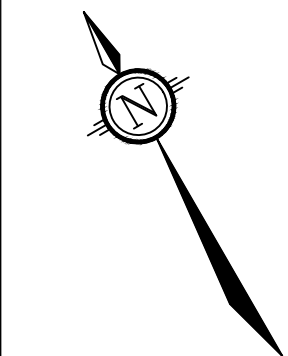
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Ottawa, Ontario, Canada K2M 1P6
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Website novatech-eng.com

LOCATION CITY OF OTTAWA THE COMMONS	DRAWING NAME PONDING AND ICD PLAN	PROJECT No. 118224-00
		REV REV # 2
		DRAWING No. 118224-P-ICD2

LEGEND

- 120.46
120.46(S)
120.46(T/G)
120.46(VPI)
87.97W
120.46
- PROPOSED ELEVATION
EXISTING ELEVATION
PROPOSED SWALE ELEVATION
PROPOSED TOP OF GRATE ELEVATION
PROPOSED VERTICAL POINT OF INTERSECTION ELEVATION
PROPOSED TOP OF NOISE WALL ELEVATION
PROPOSED BOTTOM OF NOISE WALL ELEVATION
PROPOSED ELEVATION BY OTHERS (CAIVAN ORLEANS VILLAGE)
- 3.2%
127.55
FF=
TF=
USF=
CLOWO
PRV
- GRADE AND DIRECTION
PROPOSED TERRACE ELEVATION
SPILL ELEVATION
FINISHED FLOOR ELEVATION
TOP OF FOUNDATION ELEVATION
UNDERSIDE OF FOOTING ELEVATION
UNIT BASEMENT STYLE
(CONVENTIONAL / LOOKOUT / WALKOUT)
PRESSURE REDUCING VALVE
- EMERGENCY OVERLAND FLOW
PROPOSED TERRACING
PROPOSED SWALE
PROPOSED STORM MH
- EXISTING TREE TO REMAIN IF POSSIBLE
- PROPOSED LANDSCAPE TEE CATCH BASIN
PROPOSED LANDSCAPE ELBOW CATCH BASIN
PROPOSED REAR YARD CATCH BASIN MANHOLE
PROPOSED REAR YARD CATCH BASIN
PROPOSED ROAD CATCH BASIN
- STATIC PONDING LIMITS
97.84



NORTH

KEY PLAN
N.T.S.

CB No.	STATION	T/G ELEVATION	INVERT	ICD DIA.	SIZE
1'	7+021	87.82	86.32	127mm	600 x 600 CB
2"	7+047.99	87.80	86.10	83mm	600 x 600 CB
3"	7+048.08	87.80	86.10	102mm	600 x 600 CB
4"	7+117.08	87.53	86.03	94mm	600 x 600 CB
5"	7+117.08	87.53	86.03	102mm	600 x 600 CB
7"	7+203.11	87.82	86.32	--mm	600 x 600 CB
8	6+238.28	87.44	85.94	102mm	600 x 600 CB
9	6+238.19	87.43	85.93	83mm	600 x 600 CB
12	4+421.50	87.63	86.13	127mm	600 x 600 CB
13	4+421.50	87.78	86.28	108mm	600 x 600 CB
14	4+310	88.01	86.51	83mm	600 x 600 CB
15	4+310	88.02	86.52	102mm	600 x 600 CB
16	4+235	88.17	86.67	83mm	600 x 600 CB
17	4+235	88.18	86.68	102mm	600 x 600 CB

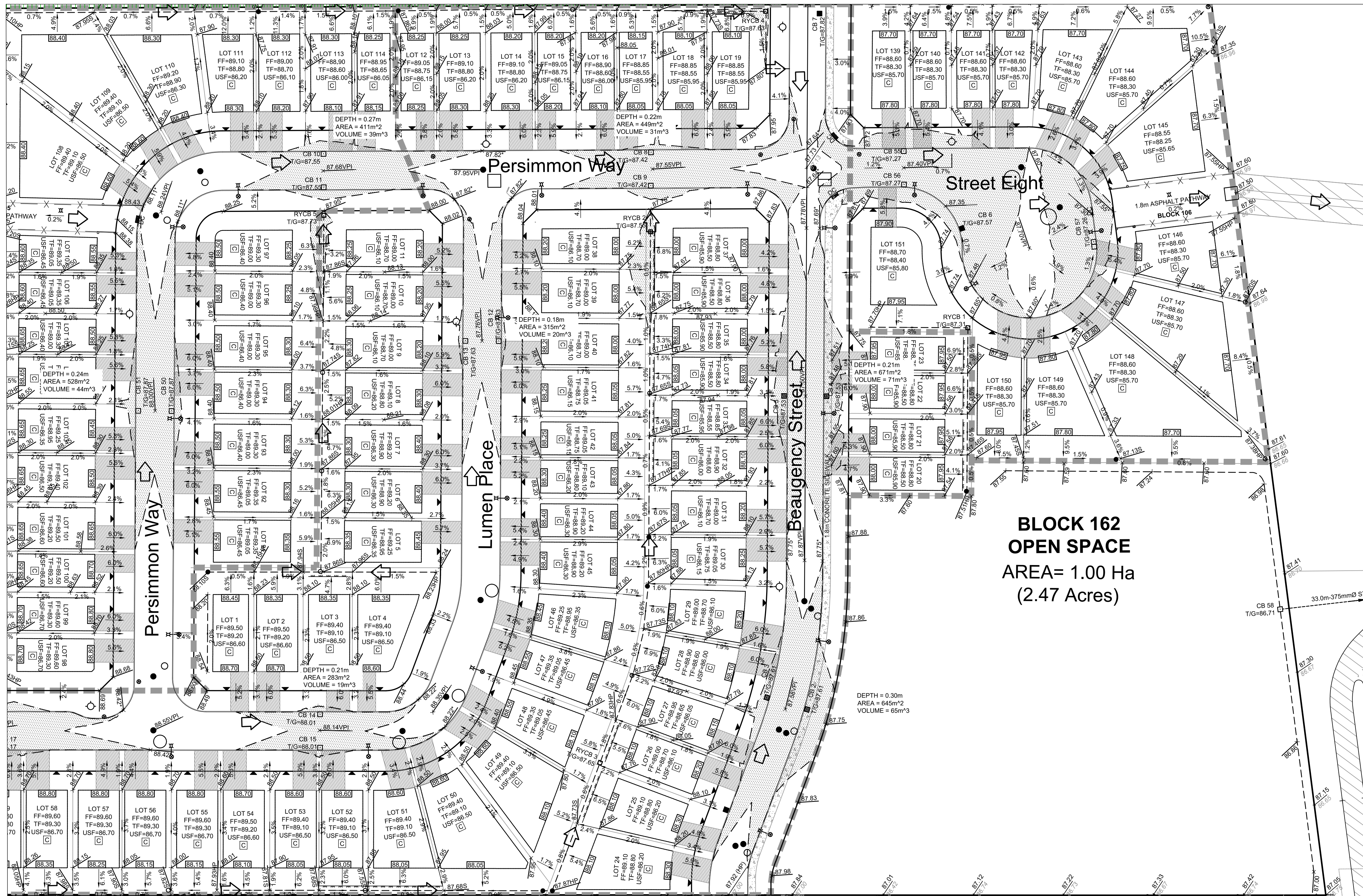
* SOLID COVER
** CURB INLET

CB No.	STATION	T/G ELEVATION	INVERT	ICD DIA.	SIZE
10	6+165.12	87.57	86.07	127mm	600 x 600 CB
11	6+165.12	87.56	86.06	83mm	600 x 600 CB
22'	3+106.23	89.08	87.58	127mm	600 x 600 CB
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49	5+129.30	88.52	87.02	94mm	600 x 600 CB
50	6+080.50	87.87	86.37	108mm	600 x 600 CB
51	6+080.50	88.02	86.52	127mm	600 x 600 CB

* SOLID COVER

CB No.	STATION	T/G ELEVATION	INVERT	ICD DIA.	SIZE
6"	8+077.65	87.62	86.12	152mm	600 x 600 CB
55	8+030	87.27	85.77	127mm	600 x 600 CB
56	8+030	87.27	85.77	127mm	600 x 600 CB
57****	8+069.57	87.26	85.76	108mm	600 x 600 CB

* SOLID COVER
**** DUAL CATCHBASIN



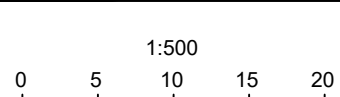
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LOCATION
CITY OF OTTAWA
THE COMMONS

DRAWING NAME

PONDING AND ICD PLAN

PROJECT No.

118224-00

REV

REV # 2

DRAWING No.

118224-P-ICD3