

NOTES:
 1. CROSSFALL SHALL BE IDENTICAL TO EXISTING CROSSFALL OF THE STREET
 2. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED
 3. REFER TO BARRIAGE SPEED HUMP TABLE FOR TOP OF PAVEMENT PROFILE
 4. REMOVED ADJACENT PAVEMENT MATERIAL SHALL BE COMPLETED TO GRADE OR TO THE PROPOSED HEIGHT OF THE SPEED HUMP ABOVE THE SORTING TOP OF PAVEMENT SHALL BE 80mm - 90mm

Wetland
4.12 Ha

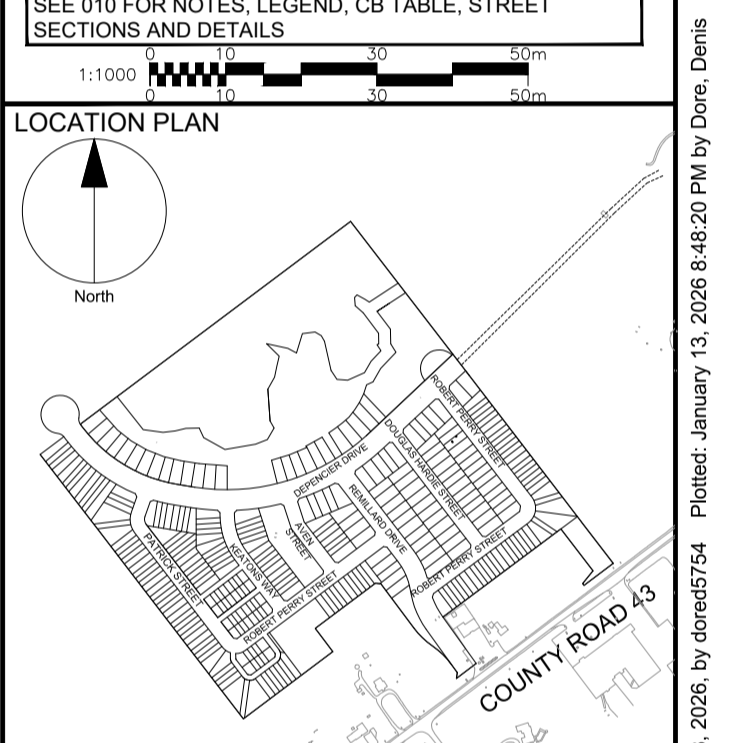
CLIENT
L. A . GROUP
139 PRESCOTT STREET, P.O. BOX 278
KEMPTVILLE , ON K0G 1J0

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IBI Group Professional Services (Canada) Inc.
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ISSUES

No.	DESCRIPTION	DATE
1	ISSUED FOR MUNICIPAL REVIEW	2021-09-02
2	REVISED SAN TRUNK	2021-12-02
3	2ND SUBMISSION	2021-12-07
4	3RD SUBMISSION	2022-02-01
5	4TH SUBMISSION	2022-08-24
6	5TH SUBMISSION	2023-01-05
7	IFC MATTAMY LOTTING	2023-03-15
8	REVISED IFC	2023-03-28
9	REVISED OGS	2023-05-12
10	REVISED PER MUNICIPAL COMMENTS	2023-06-30
11	REVISED PER MUNICIPAL COMMENTS	2023-09-29
12	UPDATED TRAFFIC CALMING	2023-10-24
13	REVISED PER MUNICIPAL COMMENTS	2023-11-17
14	GENERAL REVISIONS	2023-12-14
15	AS BUILT PHASE 1A	2024-02-29
16	REVISED PER UPDATED GRDD AND CMBs	2024-05-23
17	ISSUED FOR SUBDIVISION REGISTRATION	2024-06-26
18	UPDATED AS BUILT	2024-10-22
19	AS BUILT PHASE 1B	2024-11-19
20	REVISED PER MUNICIPAL COMMENTS	2024-12-04
21	UPDATE AS BUILT FOR PACKAGE C AS-BUILTS UPDATED FOR PACKAGE C	2024-12-19 2025-01-08
23	REVISE DEPENDICER LOTS 87 TO 100 TO TOWNS	2026-01-14

SEE 010 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS



SEAL

IBI GROUP
 Suite 400 - 333 Preston Street
 Ottawa ON K1S 5N4 Canada
 tel 613 225 1311 / 613 241 3300 fax 613 225 9868
 ibigroup.com

PROJECT
OXFORD VILLAGE PHASE 1
MUNICIPALITY OF NORTH GRENVILLE

PROJECT NO:
124206
 DRAWN BY:
P.A.L.
 PROJECT MGR:
D.Y.
 CHECKED BY:
T.J.D.
 APPROVED BY:
T.J.D.

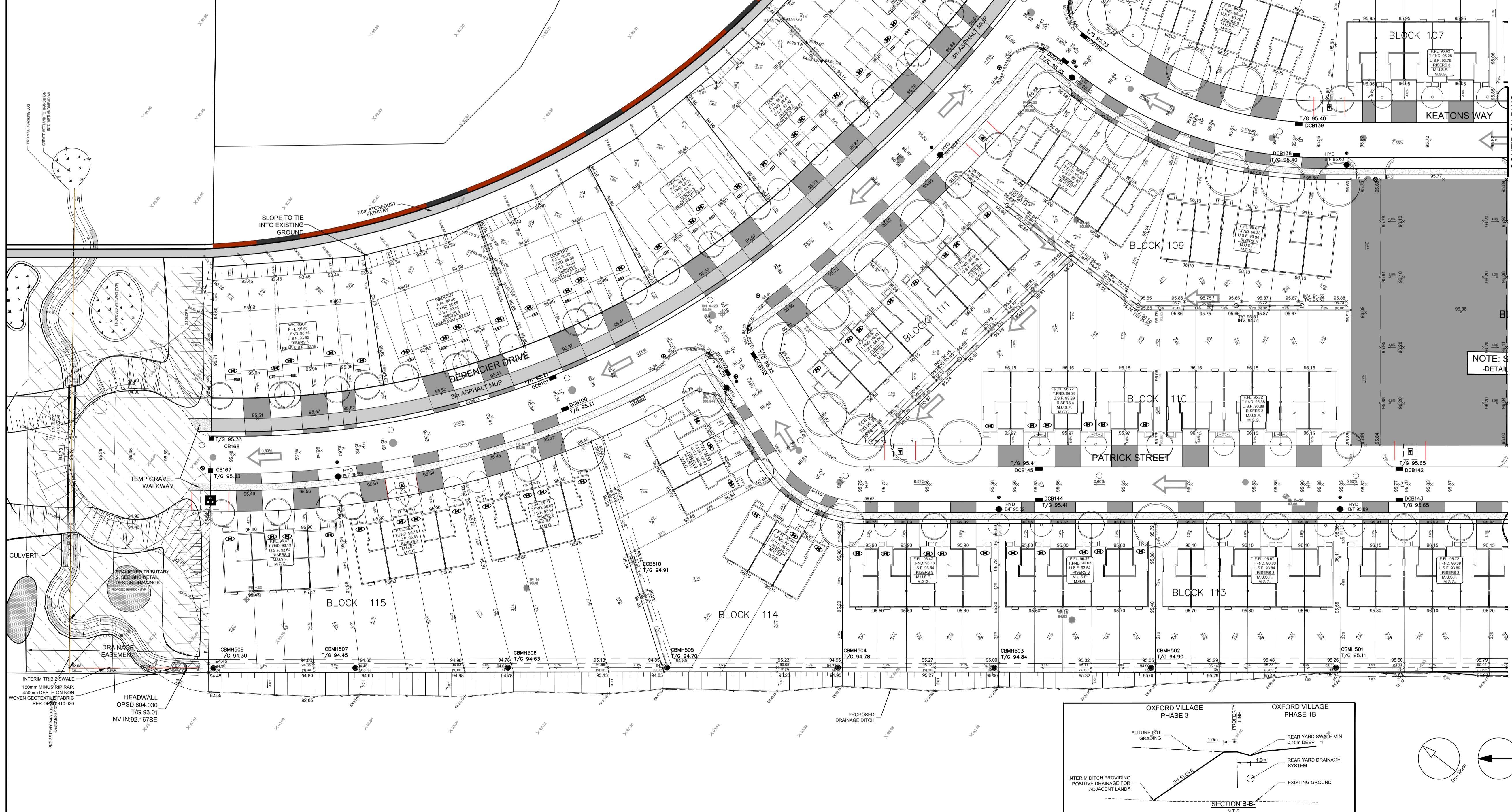
SHEET TITLE
GENERAL PLAN OF SERVICES

SHEET NUMBER
001
 ISSUE
0

File Location: J:\124206_OxfordVillage\17_01_Services\17_01_Services_Plan.dwg Last Saved: January 13, 2026 8:48:20 PM by Dorc Denis
 1/16 SCALE CHECK

GRADING LEGEND

- PROPOSED DITCH C/W FLOW DIRECTION AND SLOPE
- SLOPE C/W FLOW DIRECTION
- MAJOR OVERLAND FLOW ROUTE
- PROPOSED SPOT GRADE
- PROPOSED SWALE GRADE
- PROPOSED SWALE HIGH POINT GRADE
- LOT CORNER GRADE C/W EXISTING GRADE
- FULL STATIC PONDING GRADE
- RETAINING WALL C/W TOP OF WALL AND GRASS GRADE
- TERRACING 3:1 MAXIMUM UNLESS NOTED OTHERWISE
- PRESSURE REDUCING VALVE
- FINISHED FLOOR ELEVATION
- TOP OF FOUNDATION ELEVATION
- UNDERSIDE OF FOOTING ELEVATION
- MINIMUM UNDERSIDE OF FOOTING (Based on the higher of the sewer obverts, or hydraulic grade line)
- MINIMUM GARAGE GRADE
- WALKUP UNIT
- WALKOUT UNIT
- NON-STANDARD FOUNDATION (Frost cover not provided for standard unit)
- HIGHBACK UNIT (1.5m frost cover on footings)
- NOISE BARRIER LOCATION
- NOISE BARRIER GATE
- RIP-RAP
- TOWN HOUSE SPLITS



CONT'D ON DWG
124206-200

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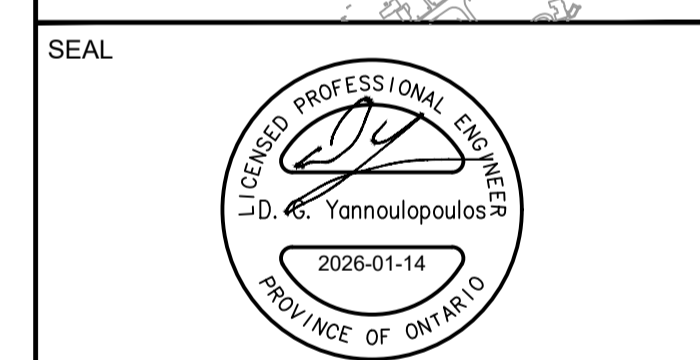
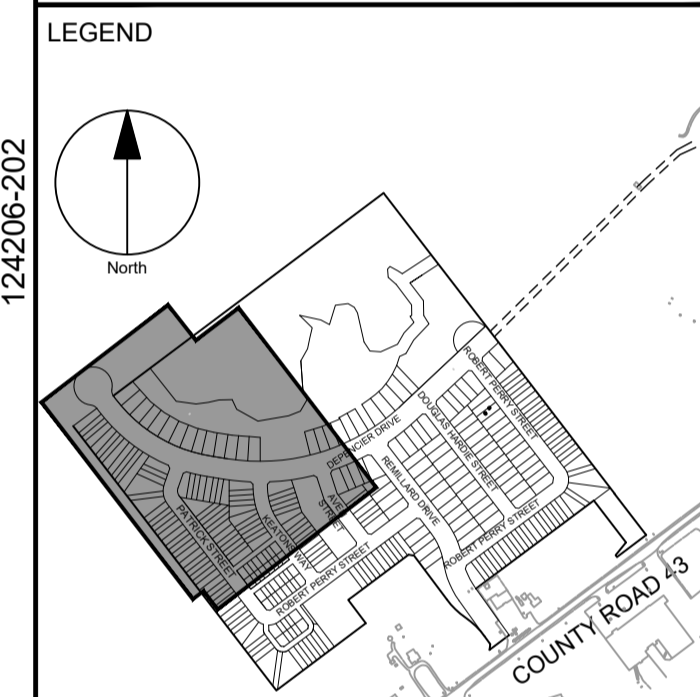
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2	2ND SUBMISSION	2021-12-07
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4	4TH SUBMISSION	2022-08-24
5	ISSUED FOR TENDER	2023-09-19
6	5TH SUBMISSION	2023-01-05
7	IFC MATTAMY LOTTING	2023-03-15
8	REVISED IFC	2023-03-28
9	REVISED GRADING AT OGS	2023-06-08
10	REVISED PER MUNICIPAL COMMENTS	2023-06-30
11	REVISED PER MUNICIPAL COMMENTS	2023-09-29
12	REVISED PER MUNICIPAL COMMENTS	2023-11-17
13	GENERAL REVISIONS	2023-12-14
14	REVISED FOR CUP UPDATE	2024-03-01
15	REVISED PER UPDATED GRDD	2024-06-06
16	ISSUED FOR SUBDIVISION REGISTRATION	2024-06-26
17	REVISE DEPENCIER LEGS 87 TO 100 TO TOWNS	2026-01-14

SEE 010 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS



PROJECT
OXFORD VILLAGE PHASE 1

MUNICIPALITY OF NORTH GRENVILLE

PROJECT NO:
124206

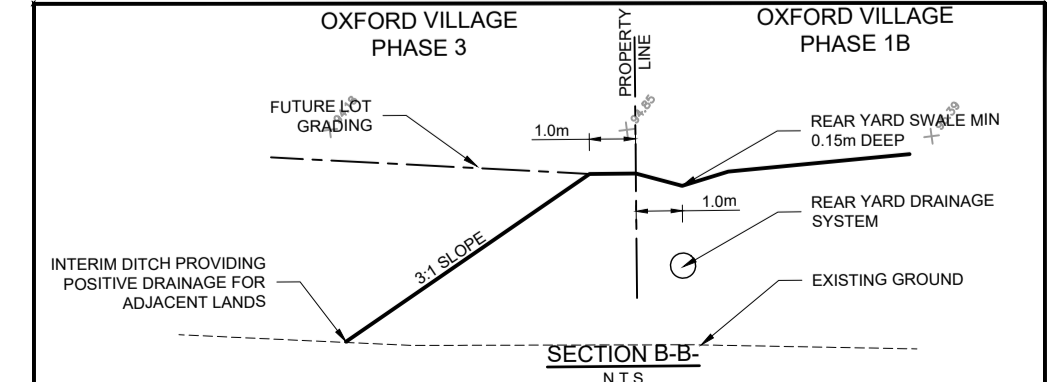
DRAWN BY: P.A.L.
PROJECT MGR: D.Y.

CHECKED BY: T.J.D.
APPROVED BY: T.J.D.

SHEET TITLE
GRADING PLAN

SHEET NUMBER
203

ISSUE
00



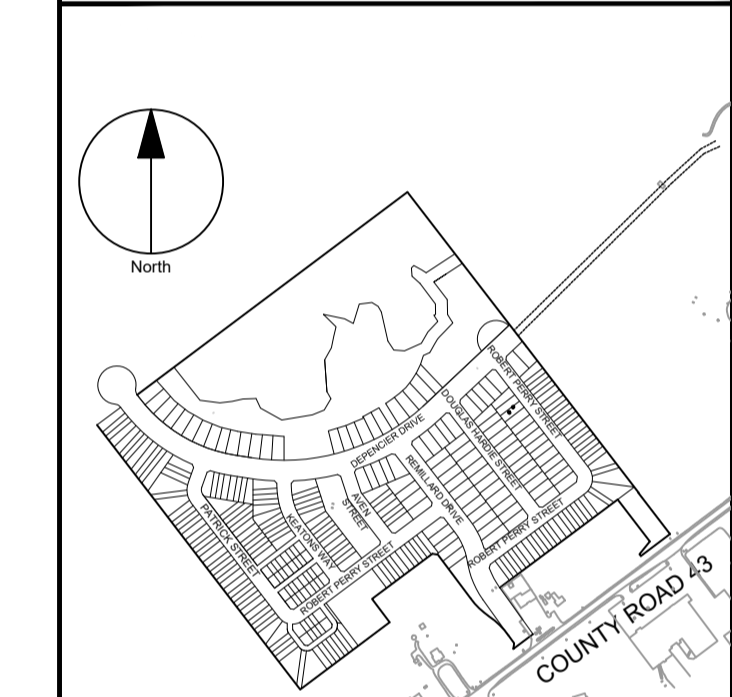
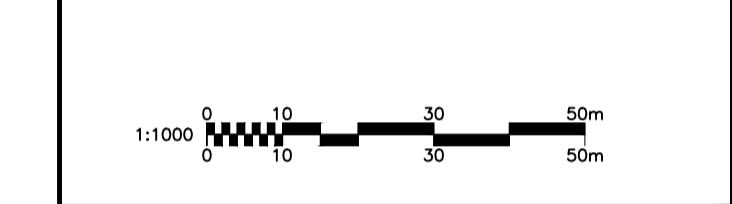
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9	REVISED OGS	2023-05-12
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11	REVISED PER MUNICIPAL COMMENTS	2023-09-29
12	REVISED PER MUNICIPAL COMMENTS	2023-11-17
13	GENERAL REVISIONS	2023-12-14
14	ISSUED FOR SUBDIVISION REGISTRATION	2024-06-26
15	REVISE DEPENCIER LOTS 87 TO 100 TO TOWNS	2026-01-14

SEE 010 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS



SEAL
IBI GROUP PROFESSIONAL ENGINEERS
J.D. G. Yannouloupoulos
20206-01-14
PROVINCE OF ONTARIO

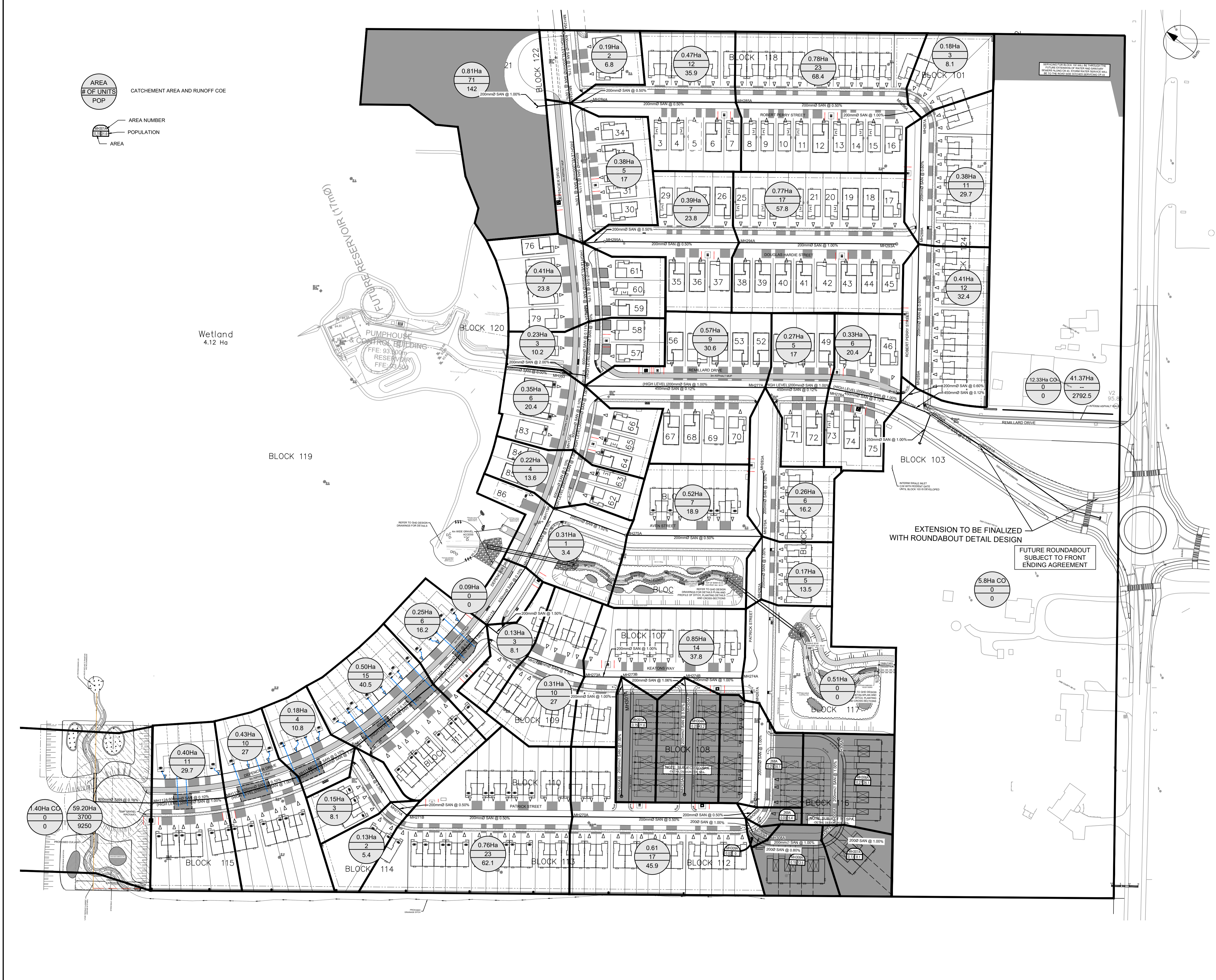
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Suite 400 - 333 Preston Street
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ibigroup.com

PROJECT
OXFORD VILLAGE PHASE 1
MUNICIPALITY OF NORTH GRENVILLE

PROJECT NO:
124206
DRAWN BY:
P.A.L.
PROJECT MGR:
D.Y.
CHECKED BY:
T.J.D.
APPROVED BY:
T.J.D.

SHEET TITLE
SANITARY DRAINAGE

SHEET NUMBER
400
ISSUE
0



File Location: J:\124206_OxfordVillage\17.0_Design - New\04_Civil\Sheet\NEW SHEETS\400 SANITARY DRAINAGE.dwg Last Saved: January 13, 2026, 8:52:21 PM by Dave, Denis

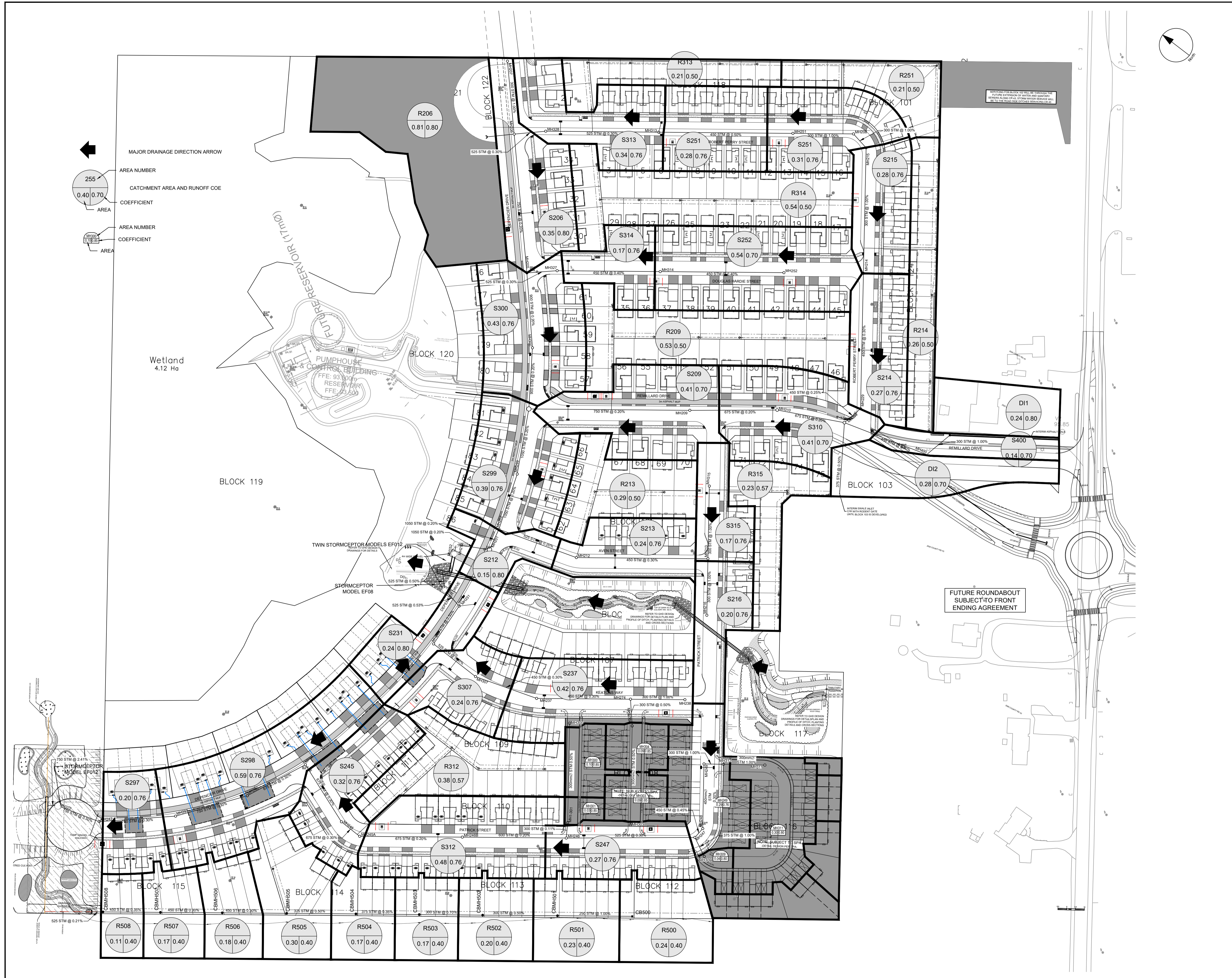


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SANITARY SEWER DESIGN SHEET

Oxford Village
 Kemptville
 L.A.GROUP

LOCATION				RESIDENTIAL										ICI AREAS						INFILTRATION ALLOWANCE			FIXED FLOW (L/s)		TOTAL FLOW	PROPOSED SEWER DESIGN											
STREET	AREA ID	FROM MH	TO MH	AREA w/ Units (Ha)	UNIT TYPES				AREA w/o Units (Ha)	POPULATION		RES PEAK FACTOR	PEAK FLOW (L/s)	AREA (Ha)			ICI PEAK FACTOR	PEAK FLOW (L/s)	AREA (Ha)		FLOW (L/s)	IND	CUM	TOTAL (L/s)	CAPACITY (L/s)	LENGTH (m)	DIA (mm)	SLOPE (%)	VELOCITY (full) (m/s)	AVAILABLE CAPACITY							
					SF	SD	TH	APT		IND	CUM			IND	COMMERCIAL	IND			INDUSTRIAL	IND										CUM	IND	CUM	L/s	(%)	L/s	(%)	
Bob Perry		286A	285A	0.78	9		14		68.4	76.5	4.00	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.78	0.96	0.22	0.00	0.0	1.28	24.03	97.29	200	0.49	0.741	22.75	94.66%
Bob Perry		285A	284A	0.47	5		7		35.9	112.4	4.00	1.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.47	1.43	0.33	0.00	0.0	1.89	23.96	81.55	200	0.49	0.739	22.07	92.11%	
Bob Perry		284A	124A	0.00					0.0	112.4	4.00	1.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	1.43	0.33	0.00	0.0	1.89	26.91	12.45	200	0.62	0.830	25.02	92.98%	
DePencier		124A	125A	0.19	2				6.8	10864.5	2.92	110.11	0.00	0.83	0.00	10.23	0.00	0.00	0.00	0.00	0.00	1.00	1.92	0.19	176.29	40.55	0.00	0.0	152.58	213.75	39.52	600	0.11	0.732	61.17	28.62%	
DePencier		125A	62A	0.00					3.06	206.6	11071.1	2.91	111.89	0.00	0.83	0.00	10.23	0.00	0.00	0.00	0.00	1.00	1.92	3.06	179.35	41.25	0.00	0.0	155.06	229.53	119.94	600	0.13	0.786	74.47	32.44%	
DePencier		62A	61A	0.00					2.32	156.6	11227.7	2.90	113.23	0.00	0.83	0.00	10.23	0.00	0.00	0.00	0.00	1.00	1.92	2.32	181.67	41.78	0.00	0.0	156.94	208.06	96.68	600	0.11	0.713	51.12	24.57%	
Pine Hill		Stub	61A	0.00					2.85	192.4	192.4	4.00	2.67	0.00	0.0	8.36	8.4	0.00	0.0	0.00	0.00	1.50	2.18	11.21	11.21	2.58	0.00	0.0	7.43	#VALUE!	10.00	250	#VALUE!	#VALUE!	#VALUE!	#VALUE!	
DePencier		61A	ex50A						0.0	11420.0	2.90	114.88	0.00	0.0	0.00	18.6	0.00	0.0	0.00	0.00	1.00	3.23	0.00	192.88	44.36	0.00	0.0	162.47	222.42	134.36	600	0.12	0.762	59.95	26.95%		
DEPENCIER DRIVE	High Level Sanitary	112A	113A						0.0	0.0	4.00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.22	41.45	200	1.00	1.055	34.22	100.00%	
DEPENCIER DRIVE	High Level Sanitary	113A	114A						0.0	0.0	4.00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.22	42.88	200	1.00	1.055	34.22	100.00%	
DEPENCIER DRIVE	High Level Sanitary	114A	115A						0.0	0.0	4.00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.22	36.42	200	1.00	1.055	34.22	100.00%	
DEPENCIER DRIVE	High Level Sanitary	115A	116A						0.0	0.0	4.00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.22	56.16	200	1.00	1.055	34.22	100.00%	
DEPENCIER DRIVE	High Level Sanitary	116A	117A						0.0	0.0	4.00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.21	45.02	200	1.00	1.055	34.21	100.00%	
DEPENCIER DRIVE	High Level Sanitary	119A	120A						0.0	0.0	4.00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.19	34.76	200	1.00	1.054	34.19	100.00%	
DEPENCIER DRIVE	High Level Sanitary	120A	121A						0.0	0.0	4.00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.22	36.72	200	1.00	1.055	34.22	100.00%	
DEPENCIER DRIVE	High Level Sanitary	121A	122A						0.0	0.0	4.00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.22	36.06	200	1.00	1.055	34.22	100.00%	
DEPENCIER DRIVE	High Level Sanitary	122A	123A						0.0	0.0	4.00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.22	44.40	200	1.00	1.055	34.22	100.00%	
DEPENCIER DRIVE	High Level Sanitary	123A	124A						0.0	0.0	4.00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.22	79.20	200	1.00	1.055	34.22	100.00%	
DEPENCIER DRIVE	High Level Sanitary	124A	125A						0.0	0.0	4.00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.22	39.70	200	1.00	1.055	34.22	100.00%	
Remillard DRIVE	High Level Sanitary	277A	121A						0.0	0.0	4.00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.22	101.68	200	1.00	1.055	34.22	100.00%	
Remillard DRIVE	High Level Sanitary	278A	277A						0.0	0.0	4.00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.22	35.88	200	1.00	1.055	34.22	100.00%	
Remillard DRIVE	High Level Sanitary	279A	278A						0.0	0.0	4.00	0.00	0.00	0.00	0.0	0.00	0.0	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.22	41.15	200	1.00	1.055	34.22	100.00%	
EXISTING		50A	51A						0.09		11420.0	2.90	114.88	0.00	0.00	0.00	27.89	0.00	0.00	0.00	1.00	4.84	0.09	192.97	44.38	0.00	0.0	164.11	221.90	39.00	600	0.12	0.760	57.79	26.04%		
EXISTING		51A	52A						1.39	52.5	11472.5	2.90	115.33	0.00	0.00	0.00	27.89	0.00	0.00	0.00	1.00	4.84	1.39	194.36	44.70	0.00	0.0	164.88	221.90	112.50	600	0.12	0.760	57.02	25.70%		
EXISTING		52A	53A						7.27	327.5	11800.0	2.88	118.12	0.00	0.00	3.23	31.12	0.00	0.00	0.00	1.00	5.40	10.50	204.86	47.12	0.00	0.0	170.64	221.90	38.00	600	0.12	0.760	51.25	23.10%		
EXISTING		53A	54A						1.75	108.0	11908.0	2.88	119.04	0.00	0.00	0.00	31.12	0.00	0.00	0.00	1.00	5.40	1.75	206.61	47.52	0.00	0.0	171.96	221.90	60.50	600	0.12	0.760	49.93	22.50%		
EXISTING		54A	55A						0.19	0.0	11908.0	2.88	119.04	0.00	0.00	0.00	31.12	0.00	0.00	0.00	1.00	5.40	0.19	206.80	47.56	0.00	0.0	172.01	221.90	98.00	600	0.12	0.760	49.89	22.48%		
EXISTING		55A	56A						0.23	0.0	11908.0	2.88	119.04	0.00	0.00	0.00	31.12	0.00	0.00	0.00	1.00	5.40	0.23	207.03	47.62	0.00	0.0	172.06	221.90	108.00	600	0.12	0.760	49.84	22.46%		
EXISTING		56A	56B						0.15	0.0	11908.0	2.88	119.04	0.00	0.00	14.06	45.18	0.00	0.00	0.00	1.00	7.84	14.21	221.24	50.89	0.00	0.0	177.77	394.87	54.20	600	0.38	1.353	217.10	54.98%		
EXISTING		56B	EX PS						18.15	1217.0	13125.0	2.84	129.27	9.50	9.50	20.01	65.19	0.00	0.00	0.00	1.00	12.97	47.66	268.90	61.85	0.00	0.0	204.09	1,642.49	50.00	750	2.00	3.602	1438.40	87.57%		
Design Parameters:				Notes:										Designed:						Revision			Date														
Residential				1. Mannings coefficient (n) = 0.013										WZ						4			2023-03-28														
ICI Areas				2. Demand (per capita): 300 L/day										RM						5			2024-02-09														
SF 3.4 p/p/u				3. Infiltration allowance: 0.23 L/s/ha										200 L/day						6			2024-10-10														
SD 2.7 p/p/u				4. Residential Peaking Factor:										Checked: DGY						7			2024-11-19														
TH 2.7 p/p/u				Harmon Formula = 1+(14/(4+(P/1000)*0.5))										Dwg. Reference: 124206-400						8			2025-02-21														
APT 2.0 p/p/u				where K = 0.8 Correction Factor																9			2026-01-14														
Other 67.5 p/p/ha				5. Commercial and Institutional Peak Factors based on total area, 1.5 if greater than 20%, otherwise 1.0																File Reference: 124206-6.04.04			Date: 2021-08-31														
																							Sheet No: 1 of 1														



CLIENT
L. A . GROUP

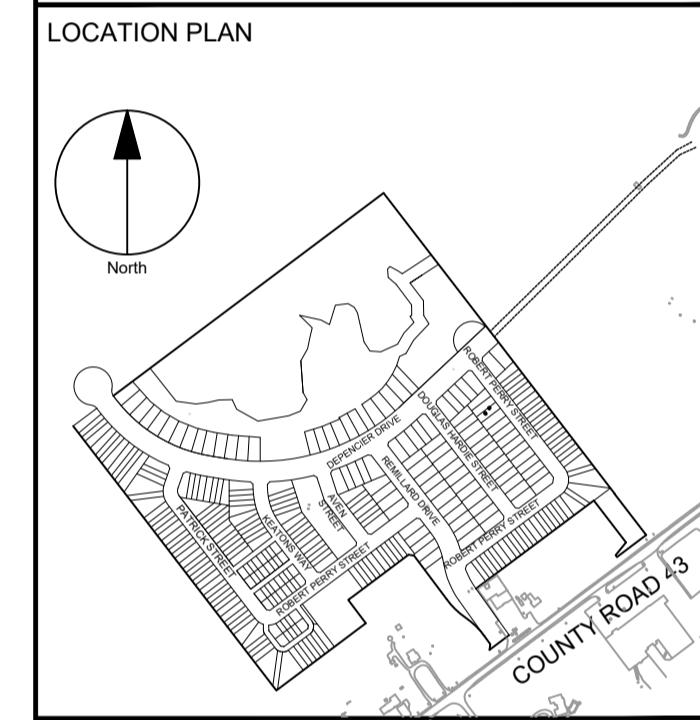
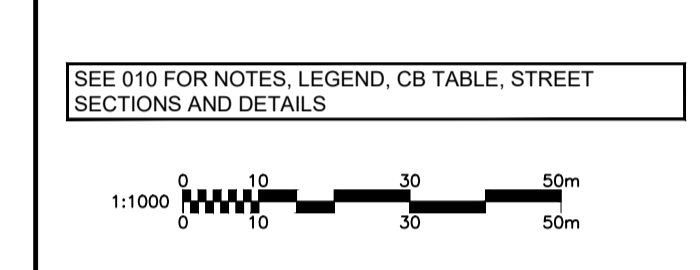
139 PRESCOTT STREET, P.O. BOX 278
KEMPTVILLE , ON K0G 1J0

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ISSUES

No.	DESCRIPTION	DATE
1	ISSUED FOR MUNICIPAL REVIEW	2021-09-02
2	REVISED SAN TRUNK	2021-12-02
3	2ND SUBMISSION	2021-12-07
4	3RD SUBMISSION	2022-02-01
5	4TH SUBMISSION	2022-08-24
6	5TH SUBMISSION	2023-01-05
7	IFC MATTAMY LOTTING	2023-03-15
8	REVISED IFC	2023-03-28
9	REVISED OGS	2023-05-12
10	REVISED PER MUNICIPAL COMMENTS	2023-06-30
11	REVISED PER MUNICIPAL COMMENTS	2023-09-29
12	REVISED PER MUNICIPAL COMMENTS	2023-11-17
13	GENERAL REVISIONS	2023-12-14
14	ISSUED FOR SUBDIVISION REGISTRATION	2024-06-26
15	REVISE DEPENCIER LOTS 87 TO 100 TO TOWNS	2026-01-14



PROJECT
OXFORD VILLAGE PHASE 1

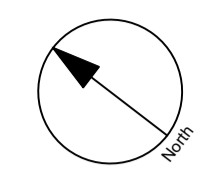
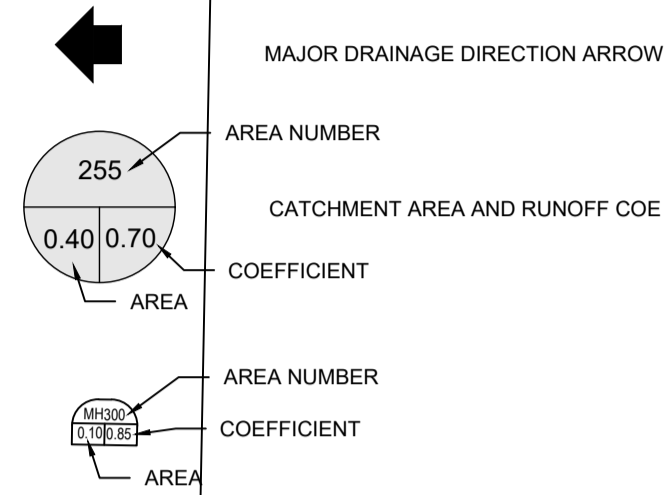
MUNICIPALITY OF NORTH GRENVILLE

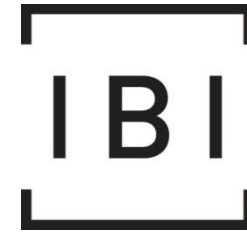
PROJECT NO:
124206

DRAWN BY: P.A.L.	CHECKED BY: T.J.D.
PROJECT MGR: D.Y.	APPROVED BY: T.J.D.

SHEET TITLE
STORM DRAINAGE AREA

SHEET NUMBER 500	ISSUE 0
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IBI GROUP
 400-333 Preston Street
 Ottawa, Ontario K1S 5N4 Canada
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STORM SEWER DESIGN SHEET

Oxford Village
 Kemplville
 L.A.GROUP

LOCATION				AREA (Ha)										RATIONAL DESIGN FLOW										SEWER DATA														
STREET	AREA ID	FROM	TO	C=	C=	C=	C=	C=	C=	C=	C=	C=	C=	IND	CUM	INLET	TIME	TOTAL	i (2)	i (5)	i (10)	i (100)	2yr PEAK	5yr PEAK	10yr PEAK	100yr PEAK	FIXED FLOW		DESIGN	CAPACITY	LENGTH	PIPE SIZE (mm)		SLOPE	VELOCITY	AVAIL CAP (5yr)		
				0.85	0.25	0.40	0.50	0.57	0.65	0.69	0.70	0.76	0.80														IND	CUM				FLOW (L/s)	FLOW (L/s)			FLOW (L/s)	FLOW (L/s)	W
Bob Perry Street		215	208											0.00	0.00	15.00	0.11	15.11	61.77	83.56	97.85	142.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115.93	10.60	300		1.32	1.589	115.93	100.00%
Bob Perry Street		208	251				0.21							0.29	0.29	15.11	0.48	15.59	61.51	83.20	97.43	142.28	17.95	24.29	28.44	41.53	0.00	0.00	24.29	86.75	34.49	300		0.74	1.189	62.46	72.00%	
Bob Perry Street	S251, R251	251	313											0.65	0.95	15.59	1.01	16.60	60.40	81.68	95.65	139.66	57.19	77.34	90.57	132.24	0.00	0.00	77.34	207.17	76.27	450		0.49	1.262	129.82	62.67%	
Bob Perry Street	S313, R313	313	328				0.21							1.60	2.55	16.60	0.92	17.52	58.23	78.71	92.16	134.54	148.41	200.62	234.88	342.90	0.00	0.00	200.62	257.47	63.77	525		0.33	1.152	56.85	22.08%	
Bob Perry Street		328	206											0.00	2.55	17.52	0.28	17.80	56.39	76.20	89.20	130.20	143.71	194.21	227.35	331.84	0.00	0.00	194.21	242.21	18.19	525		0.29	1.084	48.00	19.82%	
DePencier Drive		207	206											0.00	0.00	15.00	0.51	15.51	61.77	83.56	97.85	142.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.41	40.76	300		0.93	1.335	97.41	100.00%	
Block 122	R206	CAP	206											0.81	1.80	1.80	15.00	0.24	15.24	61.77	83.56	97.85	142.89	111.27	150.52	176.27	257.42	0.00	0.00	150.52	173.34	15.31	450		0.34	1.056	22.82	13.16%
DePencier Drive	S206	206	205											0.35	0.78	5.13	17.80	1.16	18.97	55.85	75.47	88.34	128.95	286.45	387.06	453.08	661.31	0.00	0.00	387.06	518.44	79.29	750		0.20	1.137	131.38	25.34%
Douglas Hardie Street	S252	252	314											1.05	1.05	15.00	1.02	16.02	61.77	83.56	97.85	142.89	64.91	87.81	102.83	150.16	0.00	0.00	87.81	188.25	69.90	450		0.40	1.147	100.45	53.36%	
Douglas Hardie Street	S314, R314	314	327				0.54							1.11	2.16	16.02	0.84	16.86	59.47	80.41	94.15	137.47	128.49	173.74	203.43	297.01	0.00	0.00	173.74	190.55	58.48	450		0.41	1.161	16.81	8.82%	
Douglas Hardie Street		327	205											0.00	2.16	16.86	0.35	17.21	57.71	78.00	91.32	133.31	124.69	168.54	197.31	288.04	0.00	0.00	168.54	187.79	17.69	525		0.18	0.840	19.21	10.25%	
DePencier Drive		205	300											0.00	7.29	18.97	0.58	19.55	53.76	72.60	84.98	124.00	391.83	529.22	619.40	903.89	0.00	0.00	529.22	792.14	42.06	900		0.18	1.206	262.92	33.19%	
DePencier Drive	S300	300	203											0.43	0.91	8.20	19.55	0.46	20.00	52.77	71.26	83.40	121.69	432.59	584.16	683.65	997.56	0.00	0.00	584.16	818.17	34.10	900		0.19	1.246	234.00	28.60%
Bob Perry Street	S215, R214	215	214				0.26							0.95	0.95	15.00	0.91	15.91	61.77	83.56	97.85	142.89	58.86	79.63	93.25	136.18	0.00	0.00	79.63	95.60	71.26	300		0.90	1.310	15.97	16.71%	
Bob Perry Street	S214	214	229											0.27	0.57	1.52	15.91	1.27	17.17	59.71	80.74	94.54	138.03	90.96	123.00	144.02	210.28	0.00	0.00	123.00	166.17	76.89	450		0.31	1.012	43.17	25.98%
Bob Perry Street		229	309											0.00	1.52	17.17	0.09	17.26	57.07	77.14	90.30	131.82	86.95	117.51	137.57	200.82	0.00	0.00	117.51	371.18	12.20	450		1.56	2.261	253.67	68.34%	
Remillard Dr	DI1, S400	DI1	400											0.81	0.81	15.00	0.21	15.21	61.77	83.56	97.85	142.89	49.80	67.36	78.89	115.20	0.00	0.00	67.36	95.90	16.60	300		0.90	1.314	28.54	29.76%	
Remillard Dr		400	309											0.00	0.81	15.21	0.78	15.99	61.28	82.88	97.06	141.73	49.40	66.82	78.25	114.26	0.00	0.00	66.82	177.78	50.38	450		0.36	1.083	110.96	62.41%	
Remillard Dr	DI2	DI2	309											0.54	0.54	15.00	0.60	15.60	61.77	83.56	97.85	142.89	33.66	45.53	53.32	77.86	0.00	0.00	45.53	127.23	40.30	375		0.48	1.116	81.71	64.22%	
Remillard Dr		309	310											0.00	2.87	17.26	0.69	17.96	56.90	76.90	90.02	131.40	163.55	221.04	258.76	377.72	0.00	0.00	221.04	344.73	38.83	675		0.15	0.933	123.69	35.88%	
Remillard Dr	S310	310	209											0.80	3.67	17.96	0.75	18.71	55.57	75.08	87.89	128.28	204.07	275.73	322.76	471.08	0.00	0.00	275.73	423.10	51.55	675		0.23	1.145	147.36	34.83%	
Remillard Dr	S209, R209	209	203				0.53							1.53	5.21	18.71	1.27	19.98	54.21	73.23	85.71	125.08	282.27	381.28	446.26	651.26	0.00	0.00	381.28	534.90	89.57	750		0.21	1.173	153.62	28.72%	
DePencier Drive		203	299											0.00	13.40	20.00	0.44	20.44	52.03	70.24	82.20	119.94	697.38	941.58	1,101.87	1,607.69	0.00	0.00	941.58	1,306.45	38.51	1050		0.21	1.462	364.88	27.93%	
DePencier Drive	S299	299	202											0.82	14.23	20.44	0.37	20.81	51.33	69.29	81.09	118.30	730.34	985.95	1,153.73	1,683.26	0.00	0.00	985.95	1,299.58	32.20	1050		0.21	1.454	313.63	24.13%	
Patrick Street	S315, R315	315	213				0.23							0.72	0.72	15.00	0.49	15.49	61.77	83.56	97.85	142.89	44.70	60.46	70.81	103.40	0.00	0.00	60.46	101.21	40.83	300		1.01	1.387	40.75	40.26%	
Patrick Street	S216	216	213											0.42	0.42	15.00	0.39	15.39	61.77	83.56	97.85	142.89	26.10	35.31	41.35	60.38	0.00	0.00	35.31	99.79	31.79	300		0.98	1.368	64.48	64.62%	
Aven Street	S213	213	212											0.51	1.65	15.49	1.29	16.78	60.63	82.00	96.03	140.22	100.24	135.58	158.76	231.81	0.00	0.00	135.58	160.15	75.54	450		0.29	0.975	24.57	15.34%	
Aven Street	S212, R213	212	202				0.29							0.74	2.39	16.78	0.89	17.67	57.86	78.21	91.57	133.67	138.28	186.92	218.84	319.47	0.00	0.00	186.92	196.74	46.81	525		0.19	0.880	9.82	4.99%	
DePencier Drive		202	201											0.00	16.62	20.81	0.12	20.93	50.76	68.52	80.17	116.96	843.57	1,138.66	1,332.38	1,943.79	0.00	0.00	1,138.66	1,701.21	14.02	1050		0.36	1.903	562.54	33.07%	
		201	210											0.00	16.62	20.93	0.22	21.16	50.57	68.26	79.88	116.53	840.47	1,134.45	1,327.42	1,936.52	0.00	0.00	1,134.45	1,297.25	19.29	1050		0.21	1.451	162.81	12.55%	
		210	OGS											0.00	16.62	21.16	0.05	21.21	50.24	67.81	79.34	115.75	834.96	1,126.92	1,318.58	1,923.56	0.00	0.00	1,126.92	1,691.94	5.67	1050		0.35	1.893	565.02	33.39%	
		OGS	Culvert											0.00	16.62	21.21	0.02	21.23	50.17	67.71	79.23	115.57	833.72	1,125.24	1,316.61	1,920.67	0.00	0.00	562.62	4,739.90	10.78	825		10.02	8.590	4177.28	88.13%	
							2.04	0.23	0.00	0.00	1.78	3.08	1.55	16.62	TRUE																							
Private Road #2		303	304											0.21	0.21	15.00	0.96	15.96	61.77	83.56	97.85	142.89	13.14	17.77	20.81	30.39	0.00	0.00	17.77	71.33	56.44	300						

