

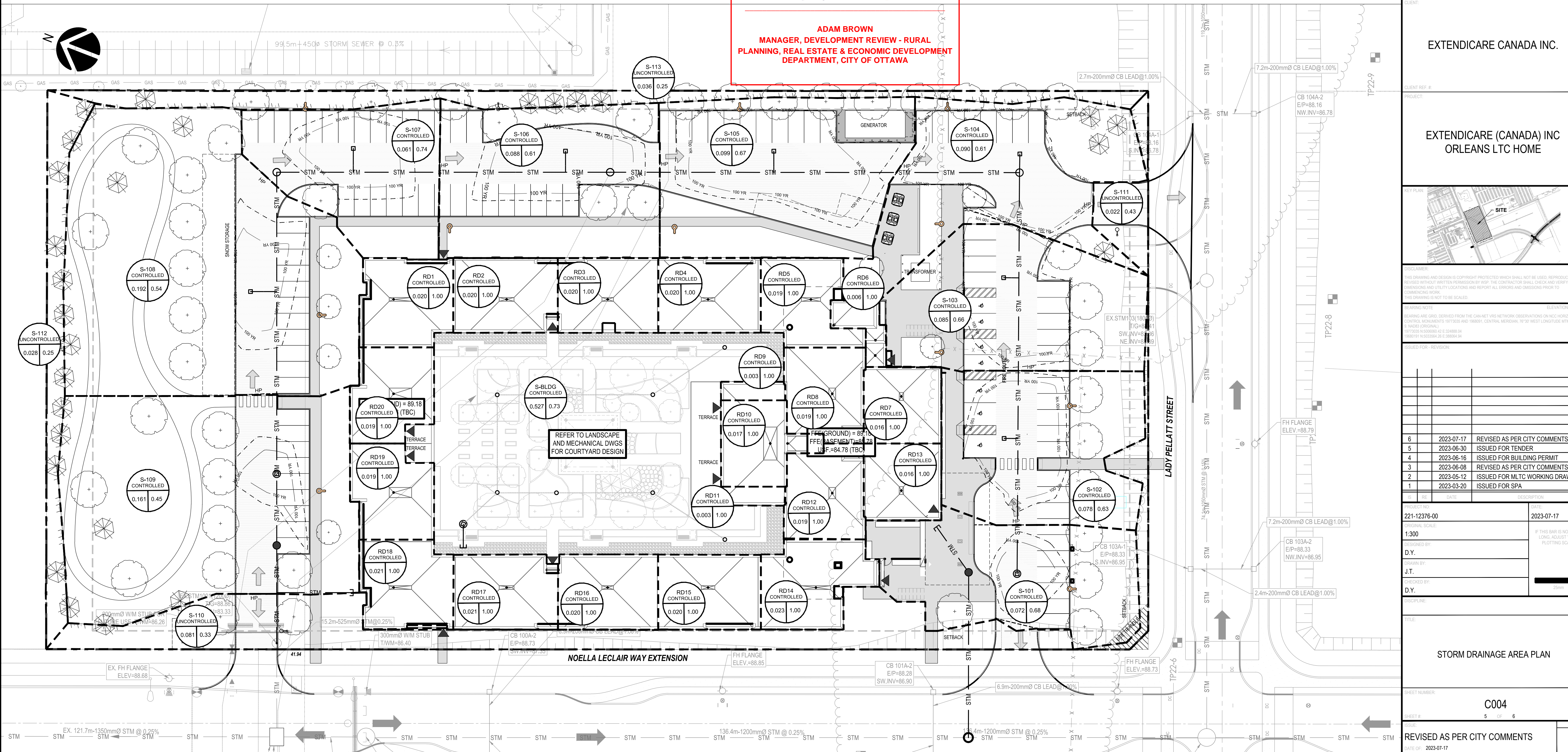
Drainage Area	CB NO.	Total (Ha)	Grass C=0.25	Asphalt C=0.90	Roof C=1.00	Cavg	Max Ponding Area	Max Ponding Elev	Max Ponding Depth	Max Ponding Volume	100YR Ponding Depth	100YR Ponding Area	100YR Ponding Volume	100YR Ponding Depth+20% Depth	100YR+20% Depth Ponding Area	100YR+20% Depth Ponding Volume
			0.25	0.90	1.00											
S-101	CBMH101	0.072	0.024	0.048		0.68	156.79	88.68	0.200	10.45	0.13	70.09	3.04	0.17	119.9	6.79
S-102	CB01	0.078	0.033	0.045		0.63	310.23	88.65	0.250	25.85	0.21	232.44	16.27	0.24	295.39	23.63
S-103	CB02	0.084	0.031	0.053		0.66	317.33	88.62	0.250	26.44	0.24	300.91	24.07	0.27	344.85	31.04
S-104	CB03	0.090	0.040	0.050		0.61	389.84	88.62	0.300	38.98	0.29	363.85	35.17	0.30	382.09	38.21
S-105	CB04	0.099	0.035	0.064		0.67	524.87	88.65	0.300	52.49	0.25	363.11	30.26	0.29	483.39	46.73
S-106	CB05	0.088	0.039	0.049		0.61	372.39	88.69	0.300	37.24	0.21	206.84	14.48	0.25	266.14	22.18
S-107	CB06	0.061	0.015	0.046		0.74	428.53	88.73	0.300	42.85	0.16	147.47	7.87	0.21	245.9	17.21
S-108	CB07	0.192	0.106	0.086		0.54	540.49	88.76	0.300	54.05	0.13	136.87	5.93	0.19	284.52	18.02
S-109	CBMH105	0.161	0.111	0.050		0.45	295.53	88.80	0.300	29.55	0.09	51.64	1.55	0.14	115.29	5.38
S-BLDG		0.527	0.188		0.339	0.73										
Refer to Roof Plan																
Uncontrolled																
S-110		0.081	0.071	0.010		0.33										
S-111		0.022	0.016	0.006		0.43										
S-112		0.028	0.028			0.25										
S-113		0.036	0.036			0.25										


Roof Drains Areas and Storage Volume Table				
Roof Drainage#	Roof Area m ²	Ponding Area m ²	Ponding Depth m	Ponding Volume m ³
RD1	207.11	186.40	0.13	8.08
RD2	205.42	184.88	0.13	8.01
RD3	194.59	175.13	0.13	7.59
RD4	201.88	181.69	0.13	7.87
RD5	187.96	169.16	0.13	7.33
RD6	57.42	51.68	0.13	2.24
RD7	156.26	140.63	0.13	6.09
RD8	189.29	170.36	0.13	7.38
RD9	31.34	28.21	0.13	1.22
RD10	168.69	151.82	0.13	6.58

Roof Drains Areas and Storage Volume Table				
Roof Drainage#	Roof Area m ²	Ponding Area m ²	Ponding Depth m	Ponding Volume m ³
RD11	31.87	28.68	0.13	1.24
RD12	189.60	170.64	0.13	7.39
RD13	156.65	140.99	0.13	6.11
RD14	225.52	202.97	0.13	8.80
RD15	202.69	182.42	0.13	7.90
RD16	195.81	176.23	0.13	7.64
RD17	206.23	185.61	0.13	8.04
RD18	205.52	184.97	0.13	8.02
RD19	188.75	169.88	0.13	7.36
RD20	189.44	170.50	0.13	7.39

APPROVED
By Adam Brown at 12:58 pm, Aug 10, 2023


Adam Brown
ADAM BROWN
MANAGER, DEVELOPMENT REVIEW - RURAL
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT
DEPARTMENT, CITY OF OTTAWA





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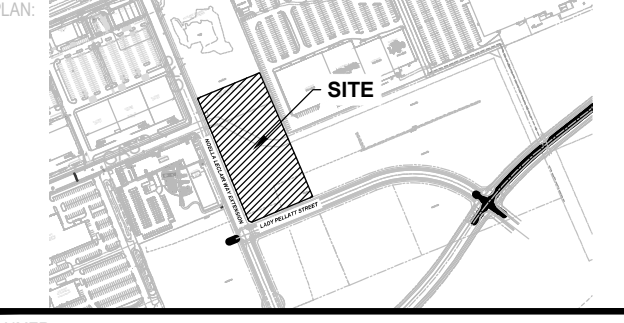
MONTGOMERY SISAM ARCHITECTS INC.
197 SPADINA AVE., SUITE 301
TORONTO, ONTARIO
CANADA M5T 2C8



LICENSED PROFESSIONAL ENGINEER
D. B. Yang
D. B. YANG
100230568
2023-07-17
PROVINCE OF ONTARIO

CLIENT:
EXTENDICARE CANADA INC.

CLIENT REF. #
**EXTENDICARE (CANADA) INC
ORLEANS LTC HOME**



SITE

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REVISIONS:

NO.	DATE	DESCRIPTION
6	2023-07-17	REVISED AS PER CITY COMMENTS
5	2023-06-30	ISSUED FOR TENDER
4	2023-06-16	ISSUED FOR BUILDING PERMIT
3	2023-06-08	REVISED AS PER CITY COMMENTS
2	2023-05-12	ISSUED FOR MLTC WORKING DRAWINGS
1	2023-03-20	ISSUED FOR SPA

NO.	DATE	DESCRIPTION
221-12376-00	2023-07-17	

SCALE: 1:300
IF THIS BAR IS NOT 25mm LONG, ADJUST FOUR PLOTTING SCALE.

D.Y.
J.T.
D.Y.

DISCIPLINE:
STORM DRAINAGE AREA PLAN

SHEET NUMBER:
C004
5 OF 6

DATE OF: 2023-07-17

REVISED AS PER CITY COMMENTS