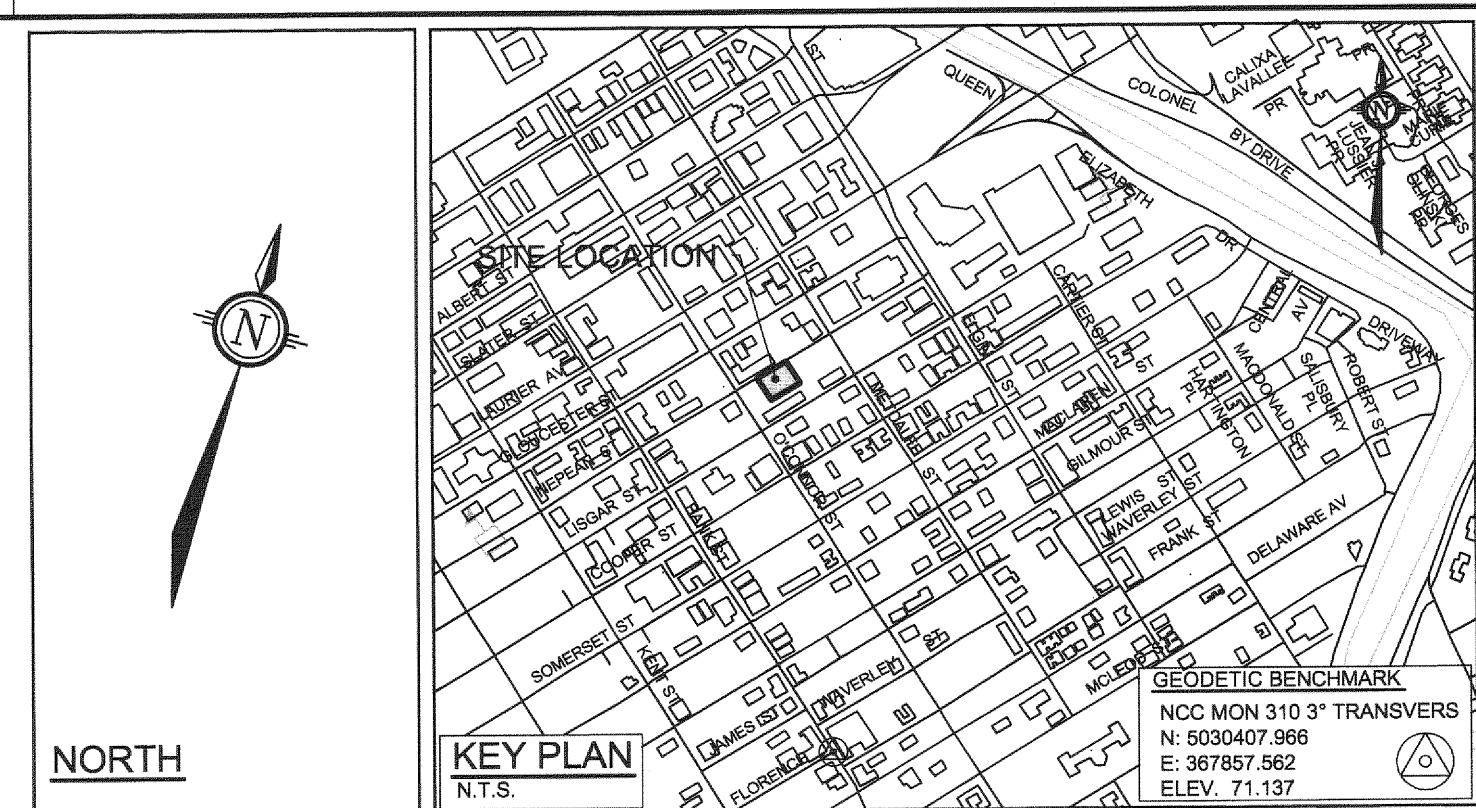
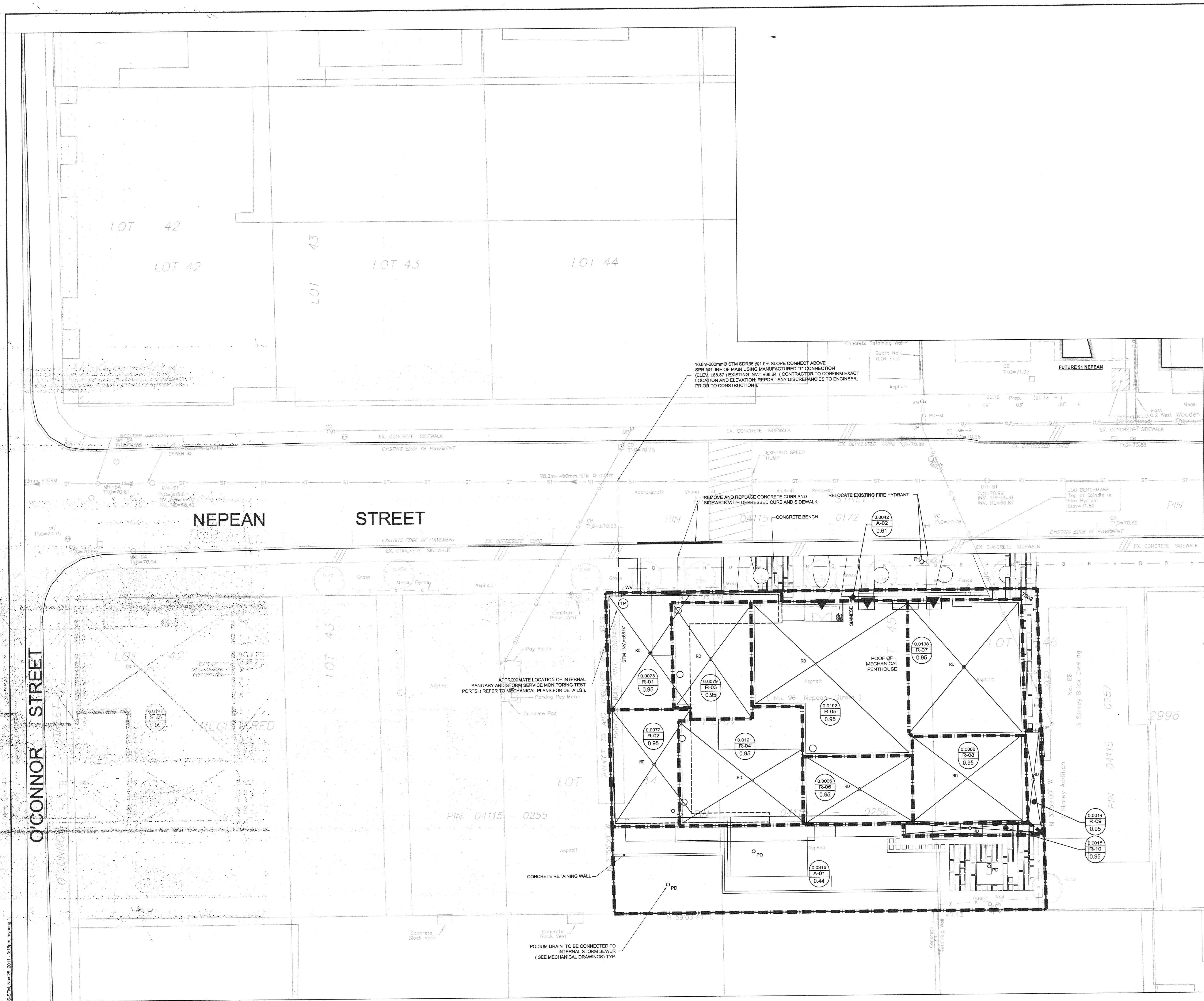




LEGEND

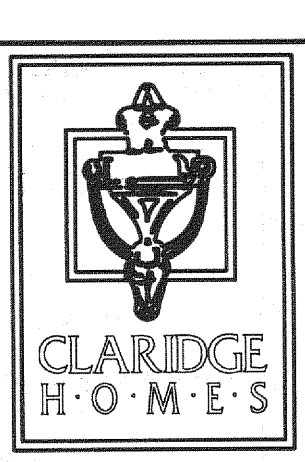
- 0.002 R-1 0.95 DRAINAGE AREA (hectares)
- 0.002 R-1 0.95 DRAINAGE AREA ID
- 0.002 R-1 0.95 RUN-OFF COEFFICIENT
- STORM DRAINAGE AREA
- STM 400 200mm STM PROPOSED STORM MANHOLE AND SEWER
- CBM 100 250mm STM PROPOSED CATCHBASIN MANHOLE AND SEWER
- CB 1 PROPOSED CATCHBASIN AND LEAD
- E CB 300 PROPOSED END CATCH BASIN GRATE AND PERFORATED SUB-DRAIN
- T CB 302 PROPOSED "T" INTERSECTION CATCH BASIN GRATE AND PERFORATED SUB-DRAIN
- PROPOSED SWALE
- EXISTING STORM MANHOLE AND SEWER
- EXISTING CATCH BASIN AND LEAD
- EXISTING CATCH BASIN MANHOLE AND SEWER
- RD PROPOSED ROOF DRAIN
- PD PROPOSED PODIUM DRAIN

ROOF DRAIN TABLE									
AREA ID	ZURN SPECIFICATION	NOTCHES	ZURN ROOF DRAIN CONTROL PARAMETERS				100 YEAR EVENT		
			HEAD(m)	Q(m³/s)	VOL(m³)	HEAD(m)	Q(m³/s)	VOL(m³)	
R-1	ZCF121-1W-X4-Z-105-10-77	1	0.10	0.36	1.34	0.12	0.46	2.79	
R-2	ZCF121-1W-X4-Z-105-10-77	1	0.10	0.37	1.18	0.13	0.47	2.47	
R-3	ZCF121-1W-X4-Z-105-10-77	1	0.11	0.40	1.31	0.14	0.51	2.75	
R-4	ZCF121-1W-X4-Z-105-10-77	1	0.11	0.42	1.72	0.14	1.06	3.67	
R-5	ZCF121-1W-X4-Z-105-10-77	1	0.12	0.44	4.44	0.15	0.56	8.86	
R-6	ZCF121-1W-X4-Z-105-10-77	1	0.10	0.38	1.01	0.13	0.49	2.14	
R-7	ZCF121-1W-X4-Z-105-10-77	1	0.11	0.43	2.83	0.15	0.54	5.77	
R-8	ZCF121-1W-X4-Z-105-10-77	1	0.11	0.40	1.83	0.14	0.51	3.17	
R-9	ZCF121-1W-X4-Z-105-10-77	1	0.07	0.28	0.07	0.10	0.38	0.18	
R-10	ZCF121-1W-X4-Z-105-10-77	1	0.08	0.28	0.08	0.11	0.39	0.20	
TOTAL				4.16	15.92		5.36	32.01	

ROOF AREAS R-1 TO R-10 WILL HAVE CONTROLLED ROOF DRAINS WHICH WILL DIRECT RUNOFF TO THE OUTLET VIA THE BUILDINGS INTERNAL PIPES.

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.

CLARIDGE HOMES
CLARIDGE HOMES
SUITE 2001,
210 GLADSTONE AVENUE,
OTTAWA, ONTARIO
K2P 0Y6.



SCALE		DESIGN	
1:150		DAS	
		CHECKED	GJM
		DRAWN	MAY
		CHECKED	JAG
		APPROVED	GJM
01	ISSUED WITH SITE PLAN APPLICATION	11/25/11	GJM
No.	REVISION	mm/dd/yy	BY

FOR REVIEW ONLY

PROFESSIONAL ENGINEER
G.J. MacDONALD
PROVINCE OF ONTARIO

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LOCATION: CITY OF OTTAWA
NEPEAN STREET RESIDENTIAL DEVELOPMENT
96 NEPEAN STREET

DRAWING NAME
STORM WATER MANAGEMENT PLAN

PROJECT NO.
111153-00

REV
REV #01

DRAWING NO.
111153-STM