

LEGEND

- STORM DRAINAGE AREA
- RD-11 ○ PROPOSED ROOF DRAIN
- PROPOSED DEPRESSED CURB
- PROPOSED LIMIT OF UNDERGROUND PARKING
- PROPOSED LIMIT OF BUILDING OVERHANG
- BOUNDARY LINE
- ⊕ PROPOSED STORM TEST PORT
- ⊕ PROPOSED WATER VALVE LOCATION
- ⊕ PROPOSED BUILDING ENTRANCE
- ⊕ PROPOSED STORM SEWER
- EXISTING DEPRESSED CURB
- ⊕ EXISTING HYDRO TRANSFORMER
- ⊕ EXISTING BOLLARD
- ⊕ EXISTING WATER STANDPIPE
- EX LS ⊕ EXISTING LAMP STANDARD
- EX UP ⊕ EXISTING UTILITY POLE
- T/V EXISTING TOP OF VALVE
- TIG EXISTING TOP OF GRATE
- ⊕ EXISTING CATCH BASIN
- ⊕ EXISTING FIRE HYDRANT
- SAMMY ⊕ EXISTING SANITARY MANHOLE
- STMMH ⊕ EXISTING STORM MANHOLE
- EX V&VB ⊕ EXISTING VALVE & VALVE BOX
- ⊕ EXISTING OVERHEAD WIRES
- ⊕ EXISTING TREES / VEGETATION
- EXISTING CURB
- EX UP ⊕ EXISTING UTILITY POLE OHW GUY WIRES
- EXISTING FENCE

0.0059 DRAINAGE AREA (HECTARES)
 A-1 DRAINAGE AREA I.D.
 0.90 RUN-OFF COEFFICIENT

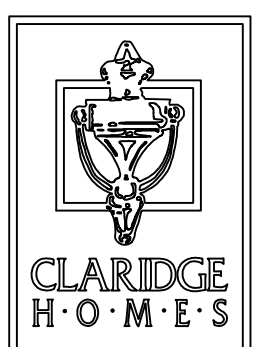
PROPOSED BUILDING - ROOF DRAIN TABLE

AREA ID	ZURN SPECIFICATION	NOTCHES	POST DEVELOPMENT ZURN ROOFRAIN CONTROL PARAMETERS					
			1.5-YEAR EVENT			1-100-YEAR EVENT		
			HEAD(m)	Q(l/s)	VOL(m³)	HEAD(m)	Q(l/s)	VOL(m³)
R-01	ZCF121-1W-X4-2-105-10-77	1	0.11	0.40	1.91	0.14	0.53	4.20
R-02	ZCF121-1W-X4-2-105-10-77	1	0.11	0.42	1.87	0.15	0.55	4.13
R-03	ZCF121-1W-X4-2-105-10-77	1	0.12	0.43	2.60	0.15	0.56	5.61
R-04	---	---	0.00	0.67	0.00	0.00	1.27	0.00
R-05	---	---	0.00	0.67	0.00	0.00	1.27	0.00
R-06	---	---	0.00	0.67	0.00	0.00	1.27	0.00
R-07	ZCF121-1W-X1-2-105-10-77	1	0.03	0.51	0.10	0.05	0.72	0.28
R-08	ZCF121-1W-X1-2-105-10-77	1	0.04	0.51	0.11	0.05	0.73	0.30
R-09	---	---	0.00	0.53	0.00	0.00	1.01	0.00
R-10	---	---	0.00	0.57	0.00	0.00	1.08	0.00
R-11	---	---	0.00	0.61	0.00	0.00	1.16	0.00
R-12	ZCF121-1W-X4-2-105-10-77	1	0.11	0.39	1.57	0.14	0.51	3.48
R-13	ZCF121-1W-X4-2-105-10-77	1	0.11	0.40	2.23	0.14	0.52	4.86
R-14	ZCF121-1W-X4-2-105-10-77	1	0.10	0.37	0.96	0.13	0.49	2.16
R-15	ZCF121-1W-X4-2-105-10-77	1	0.11	0.40	1.80	0.14	0.52	3.97
R-16	ZCF121-1W-X4-2-105-10-77	1	0.11	0.40	1.78	0.14	0.52	3.92
R-17	ZCF121-1W-X4-2-105-10-77	1	0.11	0.40	1.77	0.14	0.52	3.89
R-18	ZCF121-1W-X4-2-105-10-77	1	0.07	0.27	0.65	0.10	0.38	0.15
R-19	ZCF121-1W-X4-2-105-10-77	1	0.10	0.36	0.35	0.13	0.48	0.86
R-20	ZCF121-1W-X4-2-105-10-77	1	0.07	0.27	0.65	0.10	0.38	0.15
TOTAL			0.24	12.16			14.45	37.95

ROOF AREAS R-01 TO R-20 WILL HAVE CONTROLLED ROOF DRAINS WHICH WILL DIRECT RUNOFF TO THE OUTLET VIA THE BUILDINGS INTERNAL PIPES.

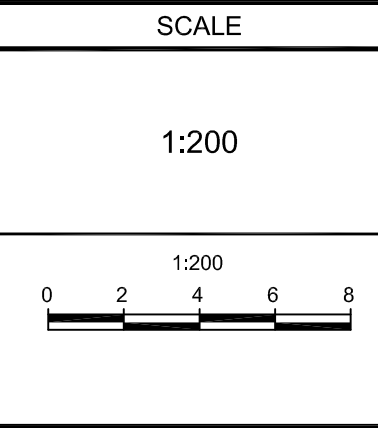
NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE 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.



NOTE:
CONTRACTOR TO CONFIRM ELEVATIONS OF INFRASTRUCTURE IN THE STREET PRIOR TO EXTENDING SERVICES INTO THE SITE AND SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.

No.	REVISION	DATE	BY
01.	ISSUED WITH SITE PLAN APPLICATION	JAN 31/13	GJM



DESIGN	JAG
CHECKED	GJM
DRAWN	MTM
CHECKED	JAG
APPROVED	GJM

FOR REVIEW ONLY



NOVATECH
ENGINEERING
CONSULTANTS LTD.
ENGINEERS & PLUMBERS
c/o MacDONALD
210 Gladstone Drive
Ottawa, Ontario, Canada
K2M 0P6
Telephone (613) 254-9643
Facsimile (613) 254-9667
Email novatech@novatech-eng.com

LOCATION
CITY OF OTTAWA
1040 SOMERSET STREET WEST

DRAWING NAME
STORMWATER MANAGEMENT PLAN

PROJECT NO.	112191-01
REV	REV # 01
DRAWING NO.	112191-STM

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PLANS-B1-0102 - 0383new/0383new