



LEGEND

- SITE BOUNDARY
- STORM DRAINAGE AREA
- MAJOR OVERLAND FLOW ROUTE
- 0.07 DRAINAGE AREA (HECTARES)
- A01 DRAINAGE AREA I.D.
- 0.71 RUNOFF COEFFICIENT
- PROPOSED STORM SEWER AND DIRECTION OF FLOW
- AD:O PROPOSED AREA DRAIN
- RD:O PROPOSED ROOF DRAIN
- RD1:O PROPOSED ROOF DRAIN WITH 100YR PONDING CONTOUR
- PROPOSED ROOF SCUPPER LOCATION
- PROPOSED LIMITS OF UNDERGROUND PARKING
- PROPOSED RETAINING WALL
- PROPOSED RETAINING WALL AND ACOUSTIC FENCE
- PROPOSED ACOUSTIC FENCE
- PROPOSED TREES / SHRUBS
- PROPOSED WATER METER LOCATION
- PROPOSED SANITARY / STORM MONITORING TEST PORT
- PROPOSED PRESSURE RELIEF CHAMBER
- EXISTING STORM MANHOLE AND SEWER
- EXISTING SANITARY MANHOLE
- EXISTING VALVE AND VALE BOX
- EXISTING FIRE HYDRANT
- EXISTING CATCHBASIN
- EXISTING TOP OF GRATE
- EXISTING UTILITY POLE / C/W / GUY WIRES
- EXISTING LIGHT STANDARD
- EXISTING LIMITS OF CONCRETE
- PROPOSED LIMITS OF CONCRETE
- PROPOSED LIMITS OF STONEDUST PAVING
- PROPOSED METAL GRATE / FOOTBRIDGE
- PROPOSED LIMITS OF GREEN ROOF

PHASE 3 CONDOS - ROOF DRAIN TABLE

POST DEVELOPMENT ZURN ROOF DRAIN CONTROL PARAMETERS

AREA ID	ZURN SPECIFICATION	NOTCHES	15 - YEAR EVENT				1 - YEAR EVENT			
			HEAD(m)	Q(m³/s)	VOL(m³)	HEAD(m)	Q(m³/s)	VOL(m³)		
NORTH BUILDING										
RD1	ZCF121-1W-X4-2-105-1077	1	0.099	0.37	0.88	0.131	0.49	2.00		
RD2	ZCF121-1W-X4-2-105-1077	1	0.105	0.39	1.03	0.137	0.51	3.80		
RD3	ZCF121-1W-X4-2-105-1077	1	0.207	0.76	0.71	0.129	0.48	1.63		
RD4	ZCF121-1W-X4-2-105-1077	1	0.100	0.37	0.88	0.131	0.49	2.01		
RD5	ZCF121-1W-X4-2-105-1077	1	0.103	0.39	1.20	0.134	0.50	2.71		
RD6	ZCF121-1W-X4-2-105-1077	1	0.095	0.35	0.64	0.125	0.47	1.48		
RD7	ZCF121-1W-X4-2-105-1077	1	0.109	0.41	2.45	0.141	0.53	5.34		
RD8	ZCF121-1W-X4-2-105-1077	1	0.110	0.41	2.76	0.142	0.53	5.98		
RD9	ZCF121-1W-X4-2-105-1077	1	0.100	0.37	0.93	0.131	0.49	2.11		
RD10	ZCF121-1W-X4-2-105-1077	1	0.109	0.41	2.38	0.141	0.53	5.14		
RD11	ZCF121-1W-X4-2-105-1077	1	0.203	0.75	0.48	0.124	0.46	1.14		
RD12	ZCF121-1W-X4-2-105-1077	1	0.109	0.41	2.37	0.141	0.53	5.14		
RD13	ZCF121-1W-X4-2-105-1077	1	0.108	0.40	1.10	0.133	0.50	2.47		
RD14	ZCF121-1W-X4-2-105-1077	1	0.108	0.40	2.17	0.140	0.53	4.74		
RD15	ZCF121-1W-X4-2-105-1077	1	0.105	0.39	1.20	0.137	0.51	2.69		
RD16	ZCF121-1W-X4-2-105-1077	1	0.103	0.38	1.09	0.135	0.50	2.45		
RD17	ZCF121-1W-X4-2-105-1077	1	0.114	0.43	2.29	0.148	0.55	5.00		
RD18	ZCF121-1W-X4-2-105-1077	1	0.109	0.41	2.38	0.141	0.53	5.00		
RD19	ZCF121-1W-X4-2-105-1077	1	0.200	0.73	0.31	0.121	0.45	0.76		
RD20	ZCF121-1W-X4-2-105-1077	1	0.108	0.40	2.06	0.140	0.52	4.52		
SUBTOTAL					7.70	28.39		10.05	62.91	
SOUTH BUILDING										
RD21	ZCF121-1W-X4-2-105-1077	1	0.097	0.36	0.67	0.128	0.48	1.54		
RD22	ZCF121-1W-X4-2-105-1077	1	0.106	0.40	1.78	0.138	0.52	3.92		
RD23	ZCF121-1W-X4-2-105-1077	1	0.095	0.36	0.65	0.126	0.47	1.50		
RD24	ZCF121-1W-X4-2-105-1077	1	0.105	0.39	1.75	0.137	0.51	3.84		
RD25	ZCF121-1W-X4-2-105-1077	1	0.110	0.38	1.11	0.133	0.50	2.51		
RD26	ZCF121-1W-X4-2-105-1077	1	0.111	0.41	1.45	0.144	0.54	3.21		
RD27	ZCF121-1W-X4-2-105-1077	1	0.101	0.38	1.05	0.133	0.49	2.39		
RD28	ZCF121-1W-X4-2-105-1077	1	0.096	0.36	0.63	0.127	0.47	1.47		
RD29	ZCF121-1W-X4-2-105-1077	1	0.109	0.40	0.73	0.144	0.54	1.69		
RD30	ZCF121-1W-X4-2-105-1077	1	0.101	0.38	1.05	0.133	0.49	2.39		
RD31	ZCF121-1W-X4-2-105-1077	1	0.089	0.33	0.32	0.120	0.45	0.78		
RD32	ZCF121-1W-X4-2-105-1077	1	0.110	0.41	2.57	0.143	0.53	5.81		
RD33	ZCF121-1W-X4-2-105-1077	1	0.097	0.36	0.72	0.128	0.48	1.64		
RD34	ZCF121-1W-X4-2-105-1077	1	0.099	0.37	0.73	0.130	0.49	1.67		
RD37	ZCF121-1W-X4-2-105-1077	1	0.107	0.40	1.76	0.139	0.52	3.88		
RD38	ZCF121-1W-X4-2-105-1077	1	0.047	0.17	0.10	0.102	0.38	1.00		
RD39	ZCF121-1W-X4-2-105-1077	1	0.095	0.30	0.60	0.127	0.47	1.42		
RD40	ZCF121-1W-X4-2-105-1077	1	0.107	0.40	0.89	0.141	0.53	2.03		
RD41	ZCF121-1W-X4-2-105-1077	1	0.109	0.41	2.19	0.141	0.53	4.80		
RD42	ZCF121-1W-X4-2-105-1077	1	0.092	0.34	0.41	0.141	0.48	0.97		
RD43	ZCF121-1W-X4-2-105-1077	1	0.087	0.32	0.32	0.117	0.44	0.77		
RD44	ZCF121-1W-X4-2-105-1077	1	0.088	0.33	0.35	0.118	0.44	0.84		
RD45	ZCF121-1W-X4-2-105-1077	1	0.082	0.31	0.20	0.111	0.42	0.51		
RD46	ZCF121-1W-X4-2-105-1077	1	0.098	0.36	0.74	0.101	0.38	0.82		
RD47	ZCF121-1W-X4-2-105-1077	1	0.058	0.22	0.02	0.084	0.31	0.08		
RD48	ZCF121-1W-X4-2-105-1077	1	0.082	0.31	0.21	0.112	0.42	0.53		
RD49	ZCF121-1W-X4-2-105-1077	1	0.082	0.31	0.21	0.112	0.42	0.53		
RD50	ZCF121-1W-X4-2-105-1077	1	0.083	0.32	0.49	0.118	0.44	1.00		
SUBTOTAL					9.80	23.71		13.08	53.34	
TOTAL					17.50	52.10		23.13	116.25	

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.

No.	REVISION	DATE	BY	No.	REVISION	DATE	BY
8.	REVISED ROOF DRAINS	NOV 5/24	SAZ				
7.	REVISED ROOF DRAINS	OCT 29/24	SAZ				
6.	REVISED AS PER CITY OF OTTAWA COMMENTS	JAN 20/23	SAZ				
5.	REVISED AS PER CITY OF OTTAWA COMMENTS	NOV 24/22	SAZ				
4.	REVISED AS PER CITY OF OTTAWA COMMENTS	AUG 19/22	SAZ				
3.	ISSUED FOR COORDINATION	AUG 10/22	SAZ				
2.	REVISED AS PER CITY OF OTTAWA COMMENTS	JUN 3/22	SAZ				
1.	ISSUED WITH SITE PLAN APPLICATION	JUL 22/21	JAG				

SCALE

1:250

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REVISION

SAZ

MSP

MTM

SAZ

MSP

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STORMWATER MANAGEMENT PLAN

CITY OF OTTAWA
 375 DESCHÂTELETS AVENUE
 GREYSTONE VILLAGE PHASE 3

DRAWING NAME

PROJECT No. 114025-PH3

REV No. 11

DRAWING No. 114025-STM(PH3)

#17640