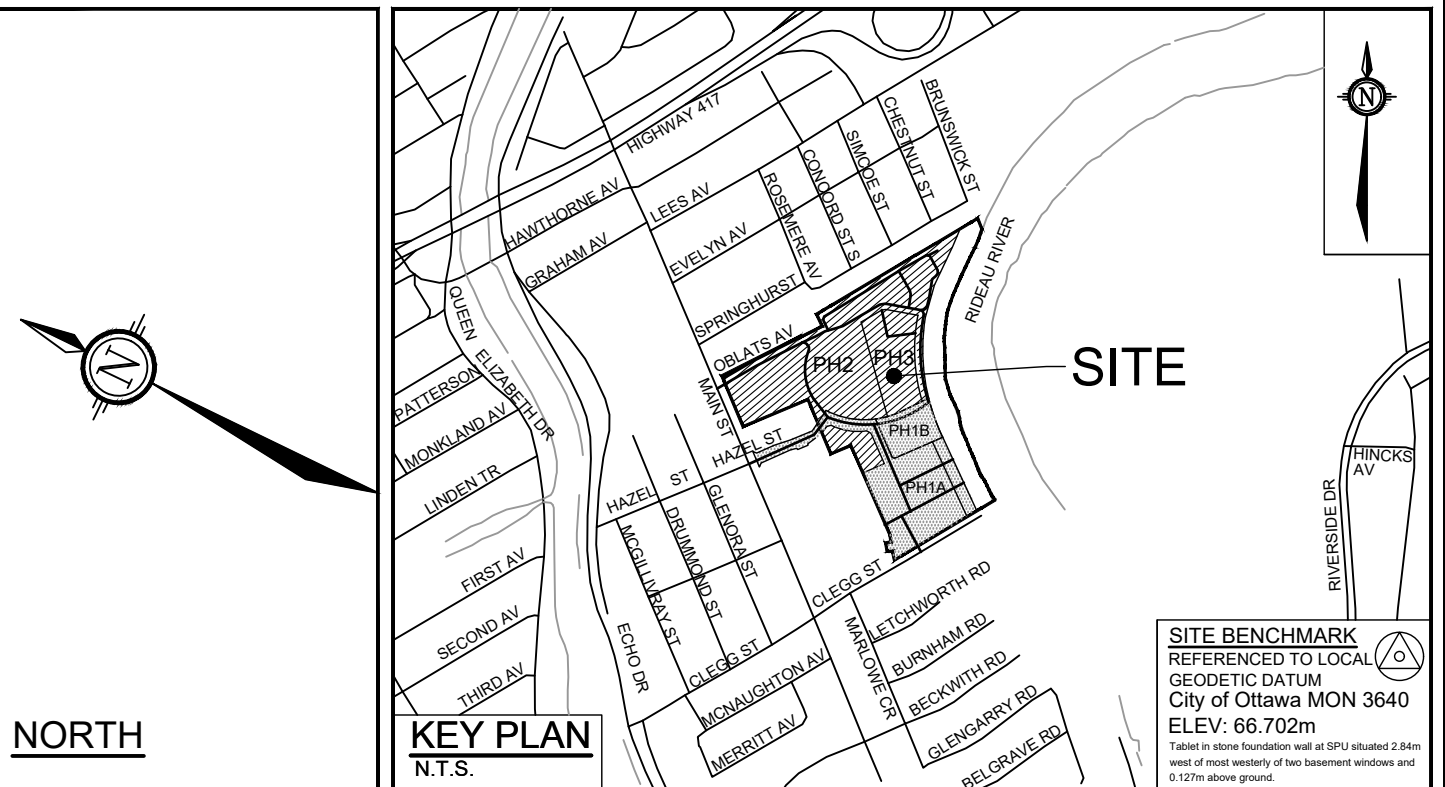
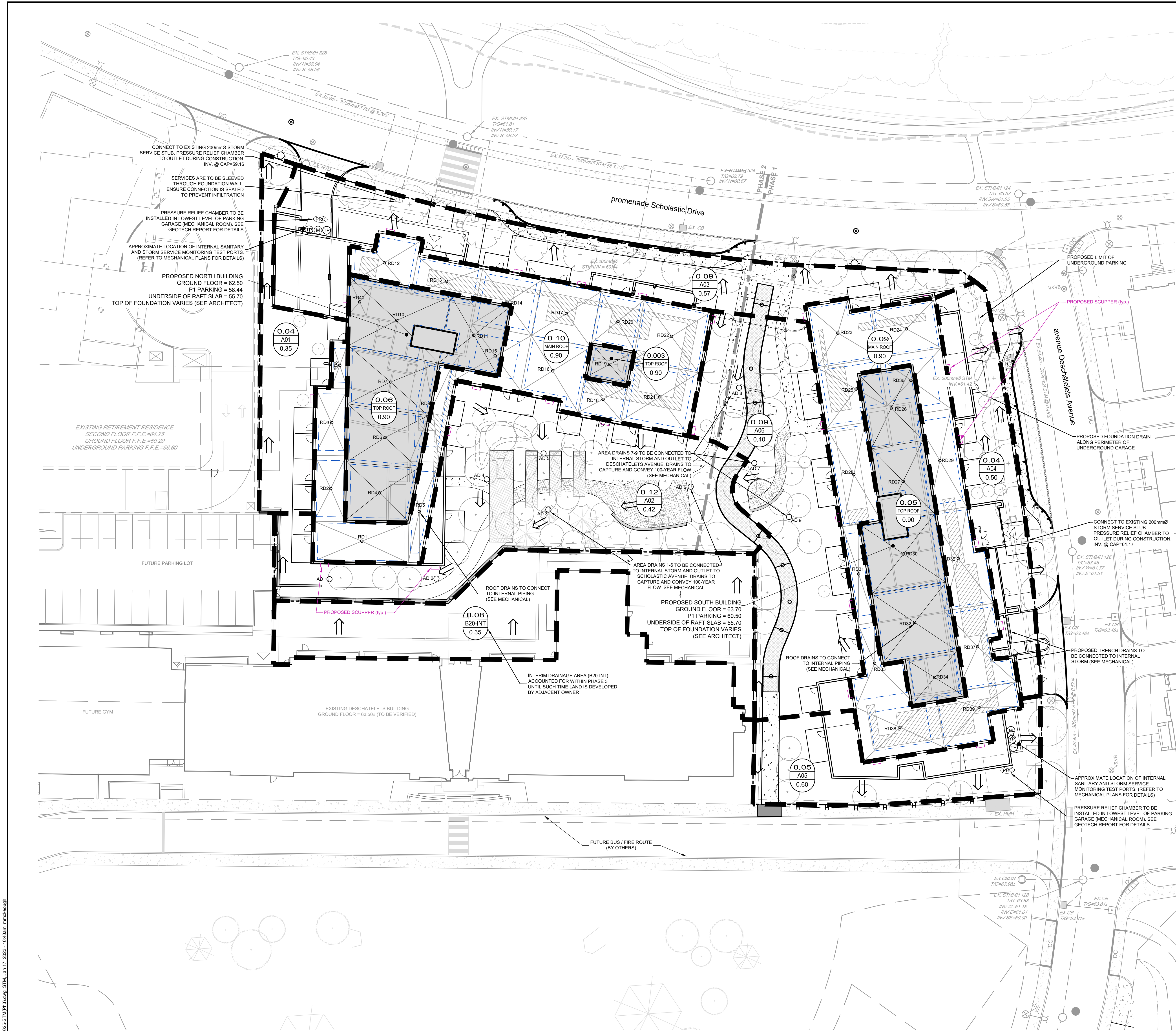




LEGEND	
	SITE BOUNDARY
	STORM DRAINAGE AREA
	MAJOR OVERLAND FLOW ROUTE
	DRAINAGE AREA (HECTARES)
	DRAINAGE AREA I.D.
	RUNOFF COEFFICIENT
	PROPOSED STORM SEWER AND DIRECTION OF FLOW
	PROPOSED AREA DRAIN
	PROPOSED ROOF DRAIN
	PROPOSED ROOF DRAIN WITH 100YR PONDING CONTOUR
	PROPOSED ROOF SCUPPER LOCATION
	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 VALVE BOX
	EXISTING FIRE HYDRANT
	EXISTING CATCH BASIN
	EXISTING TOP OF GRATE
	EXISTING UTILITY POLE / CM 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									
AREA ID	ZURN SPECIFICATION	NOTCHES	POST DEVELOPMENT ZURN ROOF DRAIN CONTROL PARAMETERS						
			15 - YEAR EVENT			1:100 - YEAR EVENT			
			HEAD(m)	Q(m³)	VOLI(m³)	HEAD(m)	Q(m³)	VOLI(m³)	
NORTH BUILDING									
RD1	ZCF121-W-X4-Z-105-10-77	1	0.105	0.39	1.41	0.138	0.51	3.13	
RD2	ZCF121-W-X4-Z-105-10-77	1	0.095	0.36	1.07	0.127	0.47	1.35	
RD3	ZCF121-W-X4-Z-105-10-77	1	0.095	0.36	1.07	0.127	0.47	1.35	
RD4	ZCF121-W-X4-Z-105-10-77	1	0.107	0.40	1.53	0.139	0.52	3.39	
RD5	ZCF121-W-X4-Z-105-10-77	1	0.096	0.36	1.48	0.122	0.46	1.17	
RD6	ZCF121-W-X4-Z-105-10-77	1	0.107	0.40	1.76	0.139	0.52	3.87	
RD7	ZCF121-W-X4-Z-105-10-77	1	0.108	0.40	2.07	0.141	0.52	4.52	
RD8	ZCF121-W-X4-Z-105-10-77	1	0.077	0.29	0.10	0.108	0.40	0.27	
RD9	ZCF121-W-X4-Z-105-10-77	1	0.082	0.30	0.52	0.108	0.40	1.21	
RD10	ZCF121-W-X4-Z-105-10-77	1	0.115	0.43	3.06	0.149	0.56	6.80	
RD11	ZCF121-W-X4-Z-105-10-77	1	0.112	0.42	1.77	0.146	0.54	3.92	
RD12	ZCF121-W-X4-Z-105-10-77	1	0.101	0.38	0.87	0.133	0.50	2.00	
RD13	ZCF121-W-X4-Z-105-10-77	1	0.096	0.36	0.58	0.134	0.50	1.38	
RD14	ZCF121-W-X4-Z-105-10-77	1	0.095	0.36	0.81	0.127	0.47	1.87	
RD15	ZCF121-W-X4-Z-105-10-77	1	0.079	0.29	0.58	0.103	0.39	1.32	
RD16	ZCF121-W-X4-Z-105-10-77	1	0.104	0.39	1.34	0.135	0.51	2.99	
RD17	ZCF121-W-X4-Z-105-10-77	1	0.113	0.42	1.19	0.148	0.55	2.69	
RD18	ZCF121-W-X4-Z-105-10-77	1	0.103	0.39	0.34	0.140	0.52	0.85	
RD19	ZCF121-W-X4-Z-105-10-77	1	0.094	0.35	0.35	0.126	0.47	0.85	
RD20	ZCF121-W-X4-Z-105-10-77	2	0.096	0.71	0.41	0.131	0.97	1.05	
RD21	ZCF121-W-X4-Z-105-10-77	2	0.108	0.79	1.16	0.131	0.97	2.72	
RD22	ZCF121-W-X4-Z-105-10-77	2	0.104	0.78	1.16	0.141	1.05	2.74	
RD40	ZCF121-W-X4-Z-105-10-77	1	0.000	0.00	0.00	0.000	0.00	0.00	
SUBTOTAL				9.31	22.65		12.29	51.25	
SOUTH BUILDING									
RD23	ZCF121-W-X4-Z-105-10-77	1	0.108	0.40	1.40	0.141	0.53	3.11	
RD24	ZCF121-W-X4-Z-105-10-77	1	0.107	0.40	1.09	0.140	0.52	2.47	
RD25	ZCF121-W-X4-Z-105-10-77	1	0.100	0.37	0.91	0.132	0.49	2.06	
RD26	ZCF121-W-X4-Z-105-10-77	1	0.108	0.40	1.63	0.141	0.52	3.62	
RD27	ZCF121-W-X4-Z-105-10-77	1	0.111	0.41	1.50	0.127	0.47	3.33	
RD28	ZCF121-W-X4-Z-105-10-77	1	0.108	0.40	1.51	0.141	0.53	3.35	
RD29	ZCF121-W-X4-Z-105-10-77	1	0.097	0.36	1.13	0.127	0.47	2.54	
RD30	ZCF121-W-X4-Z-105-10-77	1	0.114	0.42	2.34	0.148	0.55	5.09	
RD31	ZCF121-W-X4-Z-105-10-77	1	0.095	0.35	0.47	0.126	0.47	1.11	
RD32	ZCF121-W-X4-Z-105-10-77	1	0.110	0.41	2.31	0.143	0.53	5.06	
RD33	ZCF121-W-X4-Z-105-10-77	1	0.101	0.38	0.90	0.132	0.49	2.06	
RD34	ZCF121-W-X4-Z-105-10-77	1	0.101	0.38	0.83	0.133	0.50	1.89	
RD35	ZCF121-W-X4-Z-105-10-77	2	0.108	0.81	1.18	0.144	1.07	2.78	
RD36	ZCF121-W-X4-Z-105-10-77	1	0.085	0.32	0.77	0.112	0.42	1.75	
RD37	ZCF121-W-X4-Z-105-10-77	2	0.103	0.77	0.58	0.138	0.93	2.62	
RD38	ZCF121-W-X4-Z-105-10-77	2	0.114	0.85	1.19	0.108	0.80	1.00	
RD39	ZCF121-W-X4-Z-105-10-77	2	0.109	0.81	0.83	0.146	1.09	2.00	
SUBTOTAL				8.25	20.58		10.49	45.85	
TOTAL				17.56	43.23		22.79	97.10	

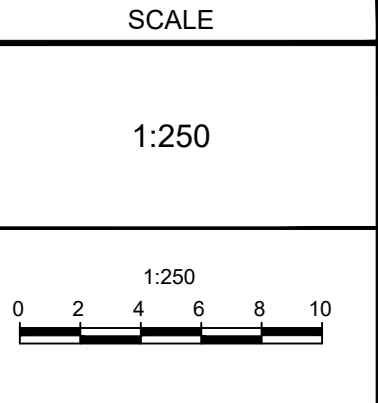
At Hamlin
ALLISON HAMLIN
MANAGER (A), DEVELOPMENT REVIEW WEST
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT
DEPARTMENT, CITY OF OTTAWA

APPROVED
By Allison Hamlin at 10:32 am, Aug 30, 2023

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.

**PRELIMINARY
NOT FOR
CONSTRUCTION**

No.	REVISION	DATE	BY
6.	REVISED AS PER CITY OF OTTAWA COMMENTS	JAN 2023	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



DESIGN	SAZ
CHECKED	MSP
DRAWN	MTM
CHECKED	SAZ
APPROVED	MSP

FOR REVIEW ONLY



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Ottawa, Ontario, Canada K2M 1P6
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Facsimile (613) 254-5867
Website www.novatech-eng.com

CITY OF OTTAWA
375 DESCHÂTELETS AVENUE
GREYSTONE VILLAGE PHASE 3
DRAWING NAME
STORMWATER MANAGEMENT PLAN

PROJECT No.	114025-PH3
REV	REV # 6
DRAWING No.	114025-STW(PH3)