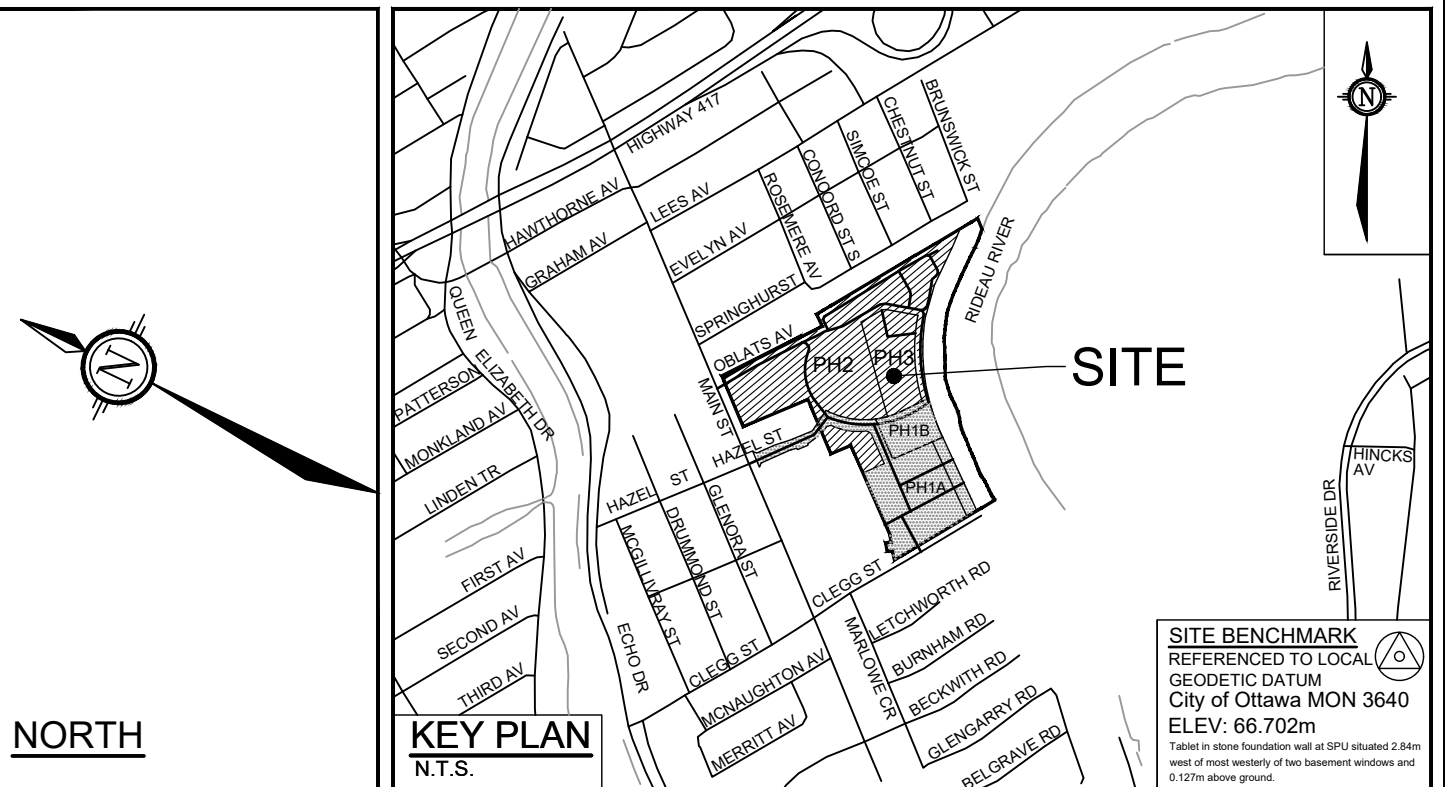
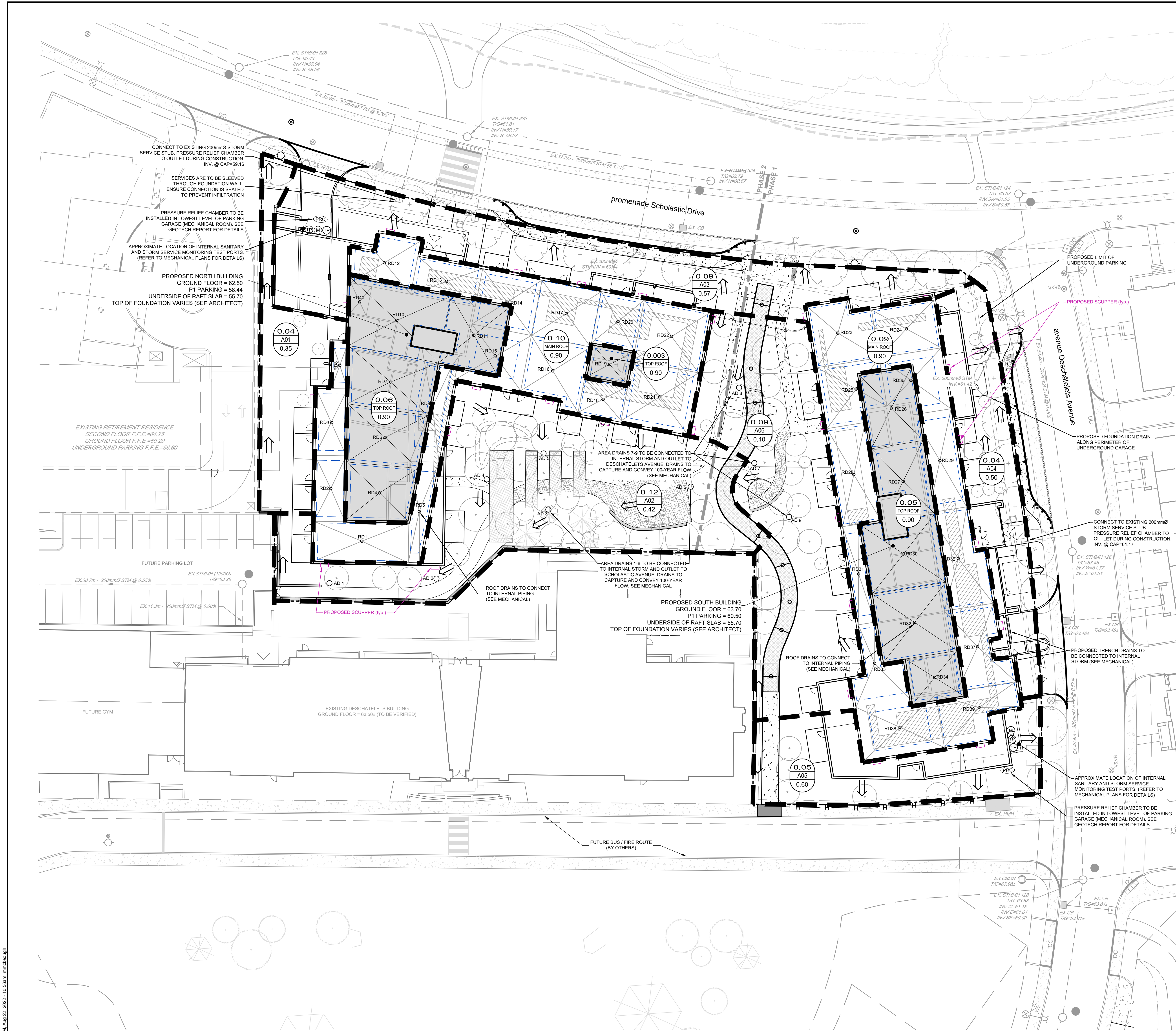




LEGEND	
--- SITE BOUNDARY	--- EXISTING STORM MANHOLE AND SEWER
--- STORM DRAINAGE AREA	--- EXISTING SANITARY MANHOLE
--- MAJOR OVERLAND FLOW ROUTE	--- EXISTING VALVE AND VALE BOX
0.07 A01 0.71	--- EXISTING FIRE HYDRANT
--- DRAINAGE AREA (HECTARES)	--- EXISTING CATCH BASIN
--- DRAINAGE AREA I.D.	--- EXISTING TOP OF GRATE
--- RUNOFF COEFFICIENT	--- EXISTING UTILITY POLE OR GUY WIRES
--- PROPOSED STORM SEWER AND DIRECTION OF FLOW	--- EXISTING LIGHT STANDARD
AD1	--- EXISTING LIMITS OF CONCRETE
RD1	--- PROPOSED LIMITS OF CONCRETE
RD1	--- PROPOSED LIMITS OF STONED/SET PAVING
--- PROPOSED ROOF DRAIN WITH 100YR PONDING CONTOUR	--- PROPOSED METAL GRATE / FOOTBRIDGE
--- PROPOSED ROOF SCUPPER LOCATION	--- PROPOSED LIMITS OF GREEN ROOF
--- PROPOSED RETAINING WALL	
--- PROPOSED LIMITS OF UNDERGROUND PARKING	
--- PROPOSED ACoustic FENCE	
--- PROPOSED TREES / SHRUBS	
--- PROPOSED WATER METER LOCATION	
--- PROPOSED SANITARY / STORM MONITORING TEST PORT	
--- PROPOSED PRESSURE RELIEF CHAMBER	

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)	VOL(m³)	HEAD(m)	Q(m³)	VOL(m³)
NORTH BUILDING								
RD1	ZCF121-WX-X4-2-105-10-77	1	0.105	0.39	1.41	0.138	0.51	3.13
RD2	ZCF121-WX-X4-2-105-10-77	1	0.095	0.36	0.57	0.127	0.47	1.35
RD3	ZCF121-WX-X4-2-105-10-77	1	0.095	0.36	0.58	0.128	0.48	1.37
RD4	ZCF121-WX-X4-2-105-10-77	1	0.107	0.40	1.53	0.139	0.52	3.38
RD5	ZCF121-WX-X4-2-105-10-77	1	0.096	0.36	0.48	0.122	0.46	1.17
RD6	ZCF121-WX-X4-2-105-10-77	1	0.107	0.40	1.76	0.139	0.52	3.87
RD7	ZCF121-WX-X4-2-105-10-77	1	0.108	0.40	2.07	0.141	0.52	4.52
RD8	ZCF121-WX-X4-2-105-10-77	1	0.077	0.29	0.10	0.108	0.40	0.27
RD9	ZCF121-WX-X4-2-105-10-77	1	0.082	0.30	0.52	0.108	0.40	1.21
RD10	ZCF121-WX-X4-2-105-10-77	1	0.115	0.43	3.06	0.149	0.56	6.60
RD11	ZCF121-WX-X4-2-105-10-77	1	0.112	0.42	1.77	0.146	0.54	3.92
RD12	ZCF121-WX-X4-2-105-10-77	1	0.101	0.38	0.87	0.133	0.50	2.00
RD13	ZCF121-WX-X4-2-105-10-77	1	0.096	0.36	0.58	0.134	0.50	3.30
RD14	ZCF121-WX-X4-2-105-10-77	1	0.095	0.36	0.81	0.127	0.47	1.87
RD15	ZCF121-WX-X4-2-105-10-77	1	0.079	0.29	0.58	0.103	0.39	1.32
RD16	ZCF121-WX-X4-2-105-10-77	1	0.104	0.39	1.34	0.135	0.51	2.99
RD17	ZCF121-WX-X4-2-105-10-77	1	0.113	0.42	1.19	0.148	0.55	2.89
RD18	ZCF121-WX-X4-2-105-10-77	1	0.103	0.39	0.34	0.140	0.52	0.85
RD19	ZCF121-WX-X4-2-105-10-77	1	0.094	0.35	0.35	0.126	0.47	0.85
RD20	ZCF121-WX-X4-2-105-10-77	2	0.096	0.71	0.41	0.131	0.97	1.05
RD21	ZCF121-WX-X4-2-105-10-77	2	0.108	0.79	1.16	0.131	0.97	2.72
RD22	ZCF121-WX-X4-2-105-10-77	2	0.104	0.78	1.16	0.141	1.06	2.74
RD40	ZCF121-WX-X4-2-105-10-77	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-WX-X4-2-105-10-77	1	0.108	0.40	1.40	0.141	0.53	3.11
RD24	ZCF121-WX-X4-2-105-10-77	1	0.107	0.40	1.09	0.140	0.52	2.47
RD25	ZCF121-WX-X4-2-105-10-77	1	0.100	0.37	0.91	0.132	0.49	2.06
RD26	ZCF121-WX-X4-2-105-10-77	1	0.108	0.40	1.63	0.141	0.52	3.62
RD27	ZCF121-WX-X4-2-105-10-77	1	0.111	0.41	1.50	0.127	0.47	3.33
RD28	ZCF121-WX-X4-2-105-10-77	1	0.108	0.40	1.51	0.141	0.53	3.35
RD29	ZCF121-WX-X4-2-105-10-77	1	0.097	0.36	1.13	0.127	0.47	2.54
RD30	ZCF121-WX-X4-2-105-10-77	1	0.114	0.42	2.34	0.148	0.55	5.09
RD31	ZCF121-WX-X4-2-105-10-77	1	0.095	0.35	0.47	0.126	0.47	1.11
RD32	ZCF121-WX-X4-2-105-10-77	1	0.110	0.41	2.31	0.143	0.53	5.06
RD33	ZCF121-WX-X4-2-105-10-77	1	0.101	0.38	0.90	0.132	0.49	2.06
RD34	ZCF121-WX-X4-2-105-10-77	1	0.101	0.38	0.83	0.133	0.50	1.89
RD35	ZCF121-WX-X4-2-105-10-77	2	0.108	0.81	1.18	0.144	1.07	2.78
RD36	ZCF121-WX-X4-2-105-10-77	1	0.085	0.32	0.77	0.112	0.42	1.75
RD37	ZCF121-WX-X4-2-105-10-77	2	0.103	0.77	0.58	0.138	0.93	2.62
RD38	ZCF121-WX-X4-2-105-10-77	2	0.114	0.85	1.19	0.108	0.80	1.00
RD39	ZCF121-WX-X4-2-105-10-77	2	0.109	0.81	0.83	0.146	1.09	2.00
SUBTOTAL				17.56	43.23		22.79	97.10
TOTAL								

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

SCALE			
1:250			
0 2 4 6 8 10			
DESIGN			
SAZ			
CHECKED			
MSP			
DRAWN			
MTM			
CHECKED			
SAZ			
APPROVED			
MSP			
No.	REVISION	DATE	BY
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

FOR REVIEW ONLY



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Website www.novatech-eng.com

LOCATION
CITY OF OTTAWA
GREYSTONE VILLAGE PHASE 3

DRAWING NAME
STORMWATER MANAGEMENT PLAN

PROJECT No.
114025-PH3
REV #
REV #4
DRAWING No.
114025-STW(PH3)