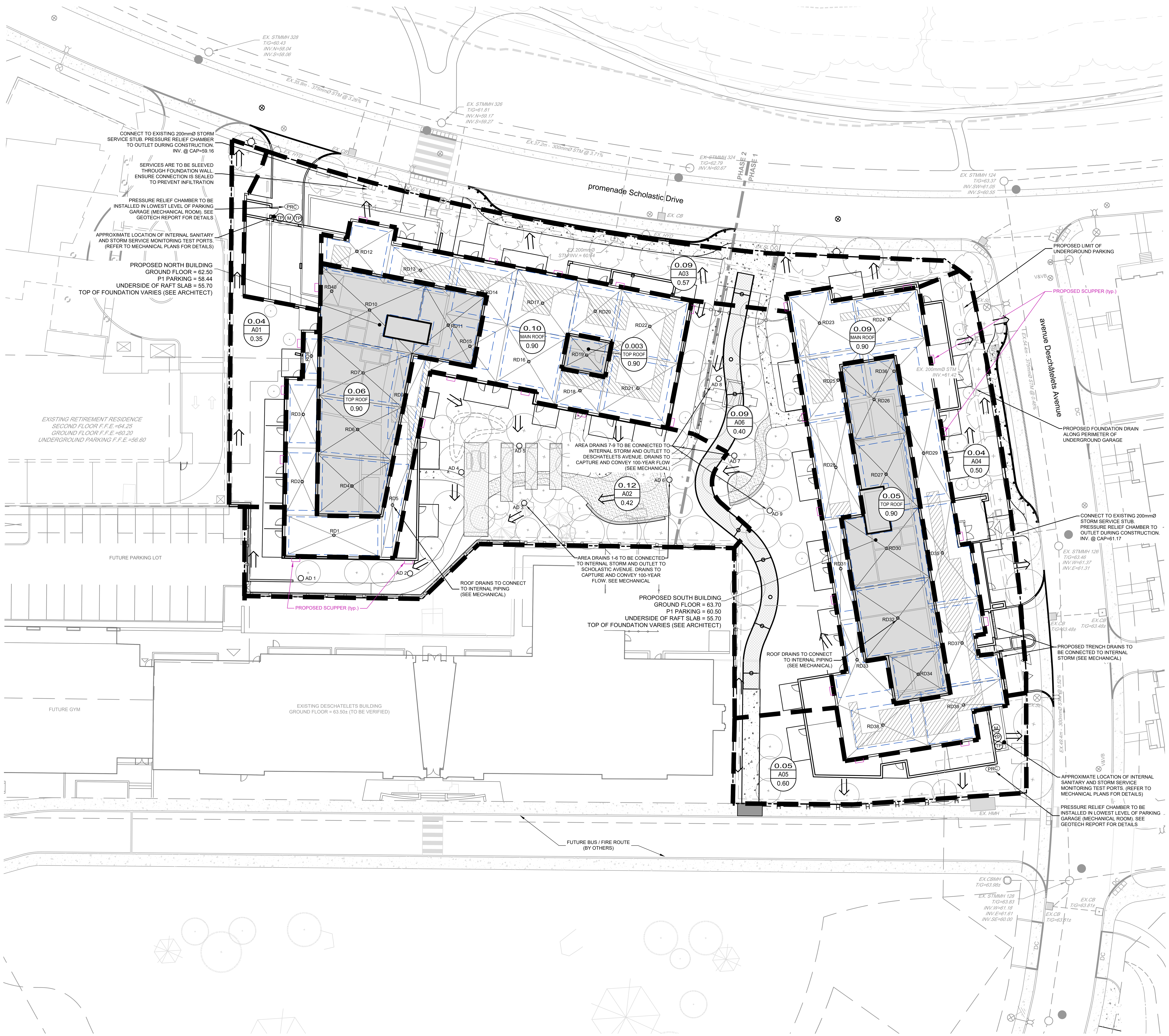

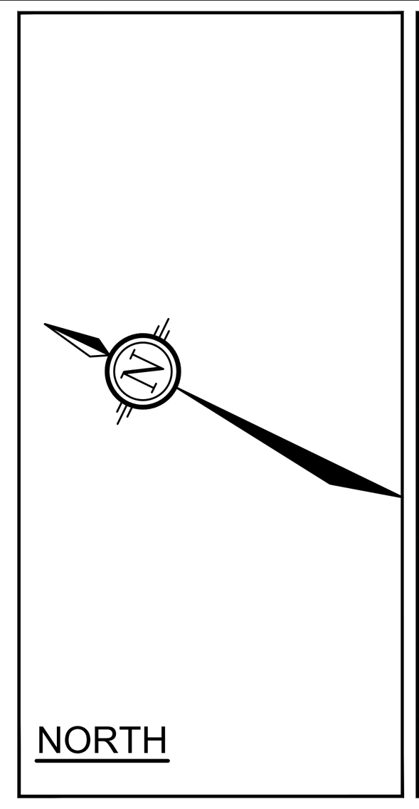

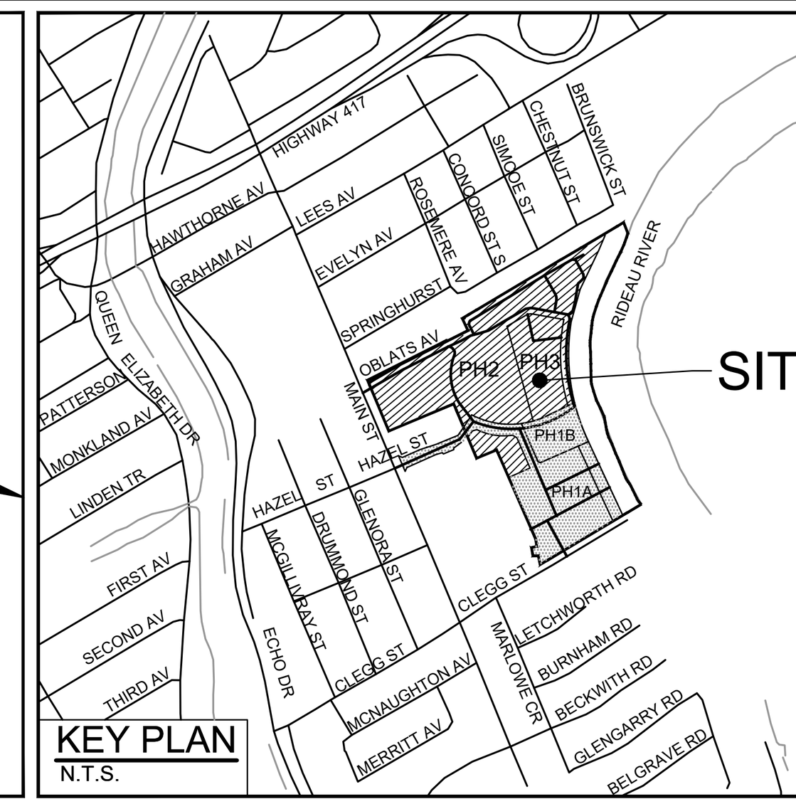

SITE BENCHMARK
REFERENCED TO LOCAL GEODETIC DATUM
City of Ottawa MON 3640
ELEV: 66.702m
Tablet in stone foundation wall at SPU situated 2.84m west of most westerly of two basement windows and 0.127m above ground.

LEGEND

- SITE BOUNDARY
- STORM DRAINAGE AREA
- MAJOR OVERLAND FLOW ROUTE
- DRAINAGE AREA (HECTARES) — 0.07
- DRAINAGE AREA I.D. — A01
- RUNOFF COEFFICIENT — 0.71
- PROPOSED STORM SEWER AND DIRECTION OF FLOW
- AD1 — PROPOSED AREA DRAIN
- RD1 — PROPOSED ROOF DRAIN
- RD1 — 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
- M — PROPOSED WATER METER LOCATION
- TP — PROPOSED SANITARY / STORM MONITORING TEST PORT
- PRC — PROPOSED PRESSURE RELIEF CHAMBER
- STM MH — EXISTING STORM MANHOLE AND SEWER
- SAN MH — EXISTING SANITARY MANHOLE
- VVB — EXISTING VALVE AND VALE BOX
- EX.HYD — EXISTING FIRE HYDRANT
- EX.CB — EXISTING CATCHBASIN
- TG — EXISTING TOP OF GRATE
- EX UP — EXISTING UTILITY POLE C/W GUY WIRES
- LS — 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 ROOFDRAIN CONTROL PARAMETERS					
			1:5 - YEAR EVENT			1:100 - YEAR EVENT		
			HEAD(m)	Q(l/s)	VOL(m³)	HEAD(m)	Q(l/s)	VOL(m³)
NORTH BUILDING								
RD1	ZCF121-1W-X4-Z-105-10-77	1	0.105	0.39	1.41	0.138	0.51	3.13
RD2	ZCF121-1W-X4-Z-105-10-77	1	0.095	0.36	0.57	0.127	0.47	1.35
RD3	ZCF121-1W-X4-Z-105-10-77	1	0.096	0.36	0.58	0.128	0.48	1.37
RD4	ZCF121-1W-X4-Z-105-10-77	1	0.107	0.40	1.53	0.139	0.52	3.39
RD5	ZCF121-1W-X4-Z-105-10-77	1	0.096	0.36	0.48	0.122	0.46	1.17
RD6	ZCF121-1W-X4-Z-105-10-77	1	0.107	0.40	1.76	0.139	0.52	3.87
RD7	ZCF121-1W-X4-Z-105-10-77	1	0.108	0.40	2.07	0.141	0.52	4.52
RD8	ZCF121-1W-X4-Z-105-10-77	1	0.077	0.29	0.10	0.108	0.40	0.27
RD9	ZCF121-1W-X4-Z-105-10-77	1	0.082	0.30	0.52	0.108	0.40	1.21
RD10	ZCF121-1W-X4-Z-105-10-77	1	0.115	0.43	3.06	0.149	0.56	6.60
RD11	ZCF121-1W-X4-Z-105-10-77	1	0.112	0.42	1.77	0.146	0.54	3.92
RD12	ZCF121-1W-X4-Z-105-10-77	1	0.101	0.38	0.87	0.133	0.50	2.00
RD13	ZCF121-1W-X4-Z-105-10-77	1	0.096	0.36	0.58	0.134	0.50	1.36
RD14	ZCF121-1W-X4-Z-105-10-77	1	0.096	0.36	0.81	0.127	0.47	1.87
RD15	ZCF121-1W-X4-Z-105-10-77	1	0.079	0.29	0.58	0.103	0.39	1.32
RD16	ZCF121-1W-X4-Z-105-10-77	1	0.104	0.39	1.34	0.135	0.51	2.99
RD17	ZCF121-1W-X4-Z-105-10-77	1	0.113	0.42	1.19	0.148	0.55	2.69
RD18	ZCF121-1W-X4-Z-105-10-77	1	0.103	0.39	0.34	0.140	0.52	0.85
RD19	ZCF121-1W-X4-Z-105-10-77	1	0.094	0.35	0.35	0.126	0.47	0.85
RD20	ZCF121-1W-X4-Z-105-10-77	2	0.096	0.71	0.41	0.131	0.97	1.05
RD21	ZCF121-1W-X4-Z-105-10-77	2	0.106	0.79	1.16	0.131	0.97	2.72
RD22	ZCF121-1W-X4-Z-105-10-77	2	0.104	0.78	1.16	0.141	1.05	2.74
RD40	ZCF121-1W-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	ZCF121-1W-X4-Z-105-10-77	1	0.108	0.40	1.40	0.141	0.53	3.11
RD24	ZCF121-1W-X4-Z-105-10-77	1	0.107	0.40	1.09	0.140	0.52	2.47
RD25	ZCF121-1W-X4-Z-105-10-77	1	0.100	0.37	0.91	0.132	0.49	2.06
RD26	ZCF121-1W-X4-Z-105-10-77	1	0.108	0.40	1.63	0.141	0.52	3.62
RD27	ZCF121-1W-X4-Z-105-10-77	1	0.111	0.41	1.50	0.127	0.47	3.33
RD28	ZCF121-1W-X4-Z-105-10-77	1	0.108	0.40	1.51	0.141	0.53	3.35
RD29	ZCF121-1W-X4-Z-105-10-77	1	0.097	0.36	1.13	0.127	0.47	2.54
RD30	ZCF121-1W-X4-Z-105-10-77	1	0.114	0.42	2.34	0.148	0.55	5.09
RD31	ZCF121-1W-X4-Z-105-10-77	1	0.095	0.35	0.47	0.126	0.47	1.11
RD32	ZCF121-1W-X4-Z-105-10-77	1	0.110	0.41	2.31	0.143	0.53	5.06
RD33	ZCF121-1W-X4-Z-105-10-77	1	0.101	0.38	0.90	0.132	0.49	2.06
RD34	ZCF121-1W-X4-Z-105-10-77	1	0.101	0.38	0.83	0.133	0.50	1.89
RD35	ZCF121-1W-X4-Z-105-10-77	2	0.108	0.81	1.18	0.144	1.07	2.78
RD36	ZCF121-1W-X4-Z-105-10-77	1	0.085	0.32	0.77	0.112	0.42	1.75
RD37	ZCF121-1W-X4-Z-105-10-77	2	0.103	0.77	0.58	0.138	1.03	2.62
RD38	ZCF121-1W-X4-Z-105-10-77	2	0.114	0.85	1.19	0.108	0.80	1.00
RD39	ZCF121-1W-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

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, 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
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

1:250
0 2 4 6 8 10

DESIGN SAZ
CHECKED MSP
DRAWN MTM
CHECKED SAZ
APPROVED MSP

FOR REVIEW ONLY

LICENSED PROFESSIONAL ENGINEER
S.A.N. ZORGEL
100191487
Nov. 24/22
PROVINCE OF ONTARIO

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Facsimile (613) 254-5867
Website www.novatech-eng.com

CITY OF OTTAWA
225 SCHOLASTIC DRIVE
GREYSTONE VILLAGE PHASE 3

DRAWING NAME
STORMWATER MANAGEMENT PLAN

PROJECT No. 114025-PH3
REV REV # 5
DRAWING No. 114025-STM(PH3)

D07-12-21-0111
#17640