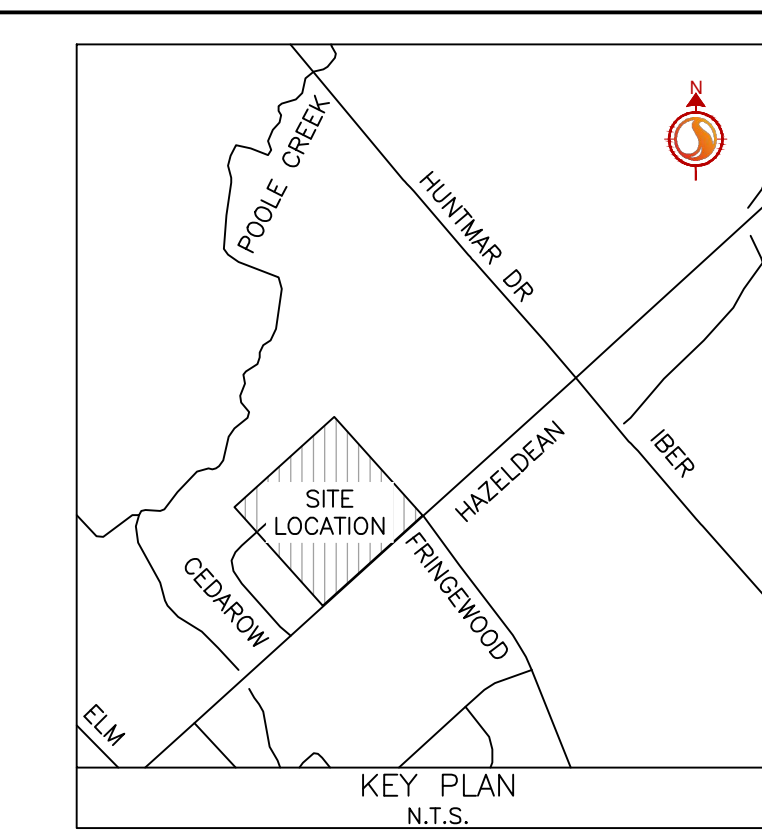
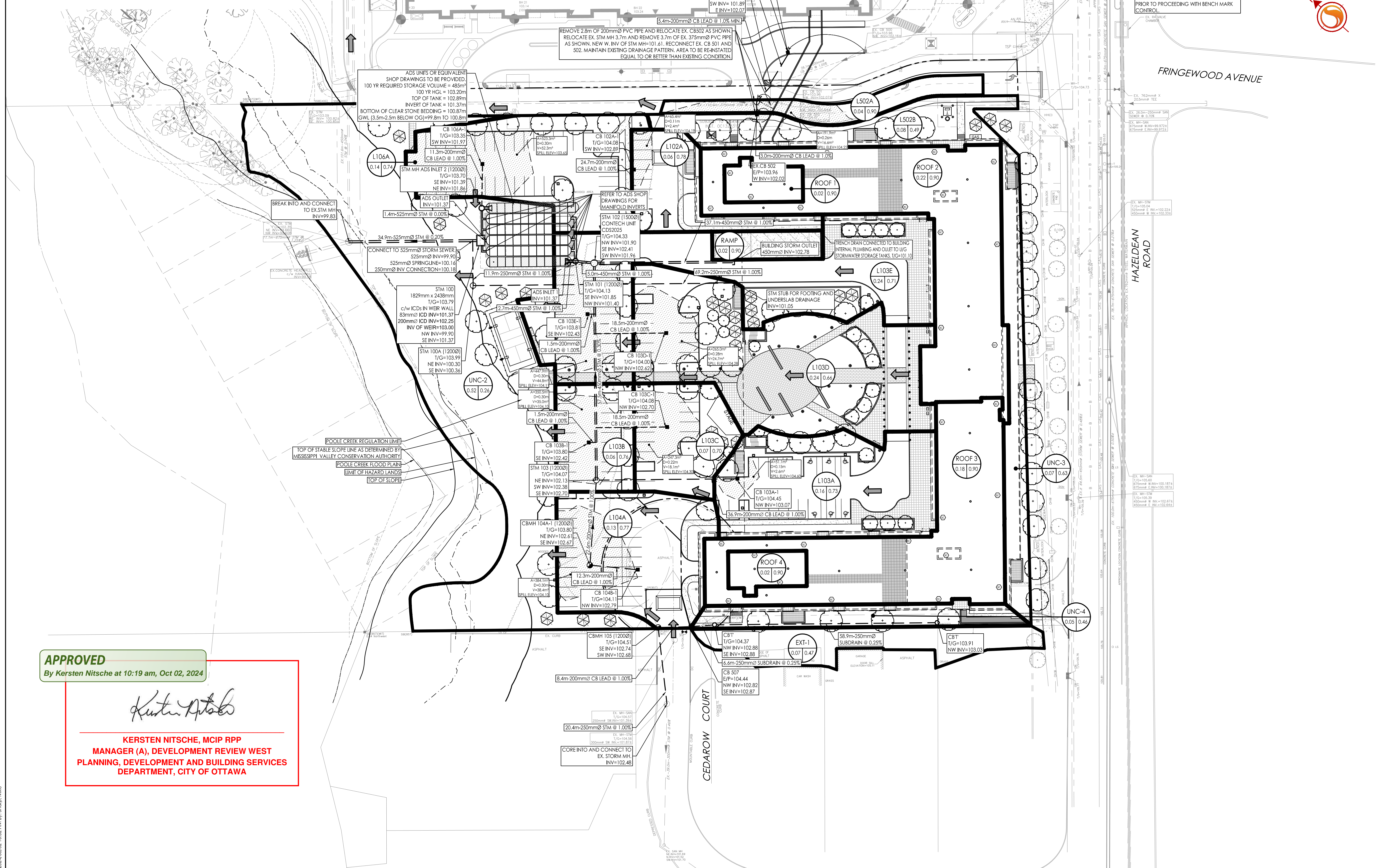


Proposed ICD Schedule									
Area ID	Orifice Name	ICD Invert	ICD Type	2yr Head (m)	2yr Flow (L/s)	100yr Head (m)	100yr Flow (L/s)	100yr Storage (m ³)	100yr Flow (L/s)
L102A	CB102A-1	102.70	IPEX TEMPEST HF (102mm ORIFICE)	0.33	10.9	1.21	22.8		
L103A	CB103A-1	103.07	IPEX TEMPEST HF (178mm ORIFICE)	0.25	25.2	1.22	69.5		
L103B	CB103B-1	102.42	IPEX TEMPEST HF (83mm ORIFICE)	0.52	9.9	1.25	15.3		
L103C	CB103C-1	102.70	IPEX TEMPEST HF (83mm ORIFICE)	0.67	10.9	1.45	16.5		
L103D	CB103D-1	102.62	IPEX TEMPEST HF (152mm ORIFICE)	0.60	33.3	1.49	56.1		
L103E	CB103E-1	102.43	IPEX TEMPEST HF (127mm ORIFICE)	1.18	35.1	1.36	37.4		
L104A/B	CBM104A	102.61	IPEX TEMPEST HF (102mm ORIFICE)	1.17	21.9	1.34	24.4		
L106A	CB106A-1	101.97	IPEX TEMPEST HF (83mm ORIFICE)	1.05	22.8	1.46	25.0		
L502A/B	EX502-1	102.02	IPEX TEMPEST HF (83mm ORIFICE)	1.27	15.2	2.16	20.0		
ADS TANK	100-O1	101.37		0.91	12.8	1.83	18.3		
ADS TANK	100-O2	102.25		0.03	1.9	0.95	78.1		
ADS TANK	100-W1	103.00	500mm WIDE WEIR	0.00	0.0	0.20	58.3		
UNC-1	CBM105	102.68	IPEX TEMPEST HF (83mm ORIFICE)	0.71	11.2	1.78	18.1		

*NOTE: FLOW VALUES HAVE BEEN ADJUSTED DUE TO IMPACTS BY DOWNSTREAM ADS STORAGE UNIT HGL

Schedule of Roof Release Rates					
Roof	Number of Drains	Drain Type	100yr Head (m)	100yr Flow (L/s)	100yr Storage (m ³)
ROOF1	2	Watts Accutrol Weir (50% Open)	0.13	2.3	5.3
ROOF2	9	Watts Accutrol Weir (50% Open)	0.15	11.2	83.8
ROOF3	8	Watts Accutrol Weir (50% Open)	0.15	9.9	69.0
ROOF4	2	Watts Accutrol Weir (50% Open)	0.13	2.3	5.3



Stantec

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Legend

- AREA ID
- RUNOFF COEFFICIENT
- STORM DRAINAGE AREA h.a.
- STORM DRAINAGE BOUNDARY
- MAXIMUM PONDING LIMITS
- DIRECTION OF OVERLAND FLOW
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED DOUBLE CATCH BASIN
- PROPOSED SUB DRAIN CATCH BASIN AS PER CITY OF OTTAWA STANDARD DETAIL DRAWINGS L10 AND L11
- PROPOSED PERFORATED SUBDRAIN
- EXISTING STORM SEWER
- EXISTING CATCHBASIN MANHOLE
- EXISTING SUBDRAIN CATCHBASIN
- EXISTING SWALE
- THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 1.5m. THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22.
- PROPOSED SCUPPER LOCATIONS

Revision	By	Appd.	YY.MM.DD	
13	REVISED AS PER SITE PLAN	MJS	DT	24.08.01
12	ISSUED FOR CONSTRUCTION	MJS	GR	23.11.21
11	REVISED AS PER CITY COMMENTS	MJS	DT	23.11.21
10	REVISED AS PER CITY COMMENTS	MJS	DT	23.09.01
9	REVISED AS PER CITY COMMENTS	MJS	DT	23.06.30
8	REVISED WATER SERVICING	MJS	DT	23.03.10
7	REVISED ADS SYSTEM	MJS	DT	23.02.13
6	ISSUED FOR SPA AMENDMENT	MJS	DT	22.12.22
5	REVISED AS PER CITY COMMENTS	MJS	DT	22.07.14
4	REVISED AS PER CITY COMMENTS	MJS	DT	22.03.29
3	REVISED AS PER CITY COMMENTS	MJS	TR	21.09.02
2	ISSUED FOR GEOTECH REVIEW	MJS	DT	21.08.03
1	ISSUED TO CITY FOR SPA	MJS	DT	20.05.22

Revision	By	Appd.	YY.MM.DD	
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1	ISSUED TO CITY FOR SPA	MJS	DT	20.05.22

File Name: 160401511-08 MJS DT MJS 19.09.05

Permit-Seal



Client/Project
NAUTICAL LANDS GROUP
2962 Carp Road
WELLINGS OF STITTSVILLE PH 2
20 CEDAROW COURT
OTTAWA, ON

Title
STORM DRAINAGE PLAN

Project No. 160401511 Scale 1:500
Drawing No. Sheet Revision

SD-1 6 of 7 13
PLAN No. 18190

APPROVED
By Kersten Nitsche at 10:19 am, Oct 02, 2024

Kersten Nitsche

KERSTEN NITSCHKE, MCIP RPP
MANAGER (A), DEVELOPMENT REVIEW WEST
PLANNING, DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

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