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Legend

- PROPOSED WATERMAIN
- PROPOSED VALVE AND VALVE BOX
- PROPOSED VALVE CHAMBER
- PROPOSED REDUCER
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED CATCH BASIN TO BE CONNECTED TO INTERNAL ALL CATCH BASINS TO BE CONNECTED TO INTERNAL WATER MANAGEMENT SYSTEMS.
- PROPOSED DITCH INLET CATCHBASIN
- PROPOSED SUBDRAIN CATCHBASIN
- EXISTING WATERMAIN
- EXISTING VALVE AND VALVE BOX
- EXISTING VALVE CHAMBER
- EXISTING REDUCER
- EXISTING FIRE HYDRANT
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING CATCHBASIN MANHOLE
- EXISTING CATCHBASIN
- EXISTING SUBDRAIN CATCHBASIN
- EXISTING SWALE
- PROPOSED DEPRESSED CURB LOCATIONS
- PROPOSED MOUNTABLE/BARRIER CURB LOCATION
- 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.
- WATER METER
- REMOTE WATER METER

NOTES:

- UNDERGROUND PARKING RAMP TRENCH DRAINS TO BE CONVEYED THROUGH BUILDING AND OUTLET INTO EXTERNAL UNDERGROUND STORM WATER MANAGEMENT STORAGE TANKS.
- ALL SURFACE CATCH BASINS INSTALLED ON TOP OF UNDERGROUND PARKING STRUCTURE TO BE CONVEYED THROUGH BUILDING AND OUTLET INTO EXTERNAL UNDERGROUND STORM WATER MANAGEMENT STORAGE TANKS.
- PROPOSED FIRE HYDRANT TO BE SERVICED THROUGH BUILDINGS INTERNAL PLUMBING.
- ALL CATCHBASINS AND FIRE HYDRANTS INSTALLED ON TOP OF PARKING GARAGE STRUCTURE ARE TO BE INSTALLED BY OTHERS.
- INTERNAL GARAGE DRAINS TO BE CONNECTED TO THE SANITARY SEWER.
- AT THE COMPLETION OF CONSTRUCTION A WATER SYSTEM PRESSURE CHECK IS REQUIRED TO BE COMPLETED TO DETERMINE IF PRESSURE CONTROL DEVICES ARE REQUIRED.

NO.	REVISION	DATE	BY	
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
1	MJS	DT	20.05.22

File Name:	MJS	DT	MJS	YY.MM.DD
16401511-08	Dwn.	Chkd.	Dgn.	19.09.05

Permit-Seal

**APPROVED**  
By Kersten Nitsche at 10:18 am, Oct 02, 2024

*Kersten Nitsche*

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

Client/Project

NAUTICAL LANDS GROUP  
2962 Carp Road

WELLINGS OF STITTSVILLE PH 2  
20 CEDAROW COURT

OTTAWA, ON

Title

SITE SERVICING PLAN

Project No.  
16401511

Drawing No. Sheet Revision

Scale 0 5 15 25m  
1:500

SSP-1 3 of 7 13  
Project No. 16401511  
Drawing No. 1500  
Scale 0 5 15 25m  
Sheet 1  
Revision

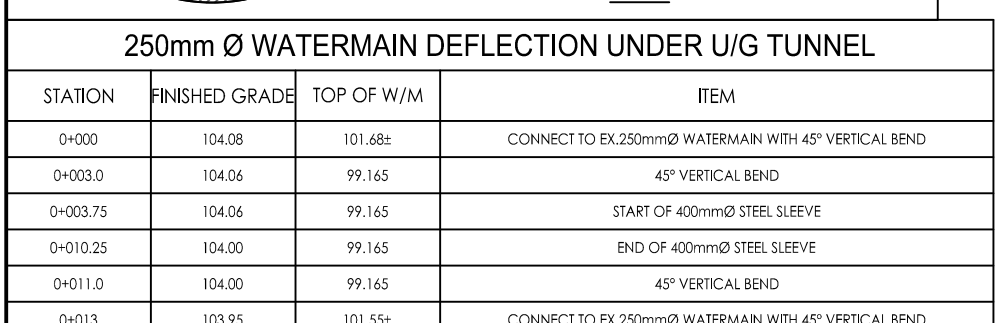
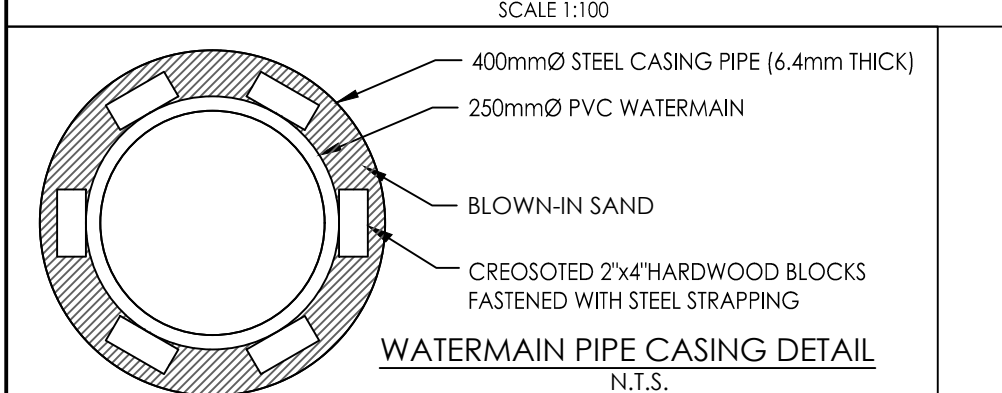
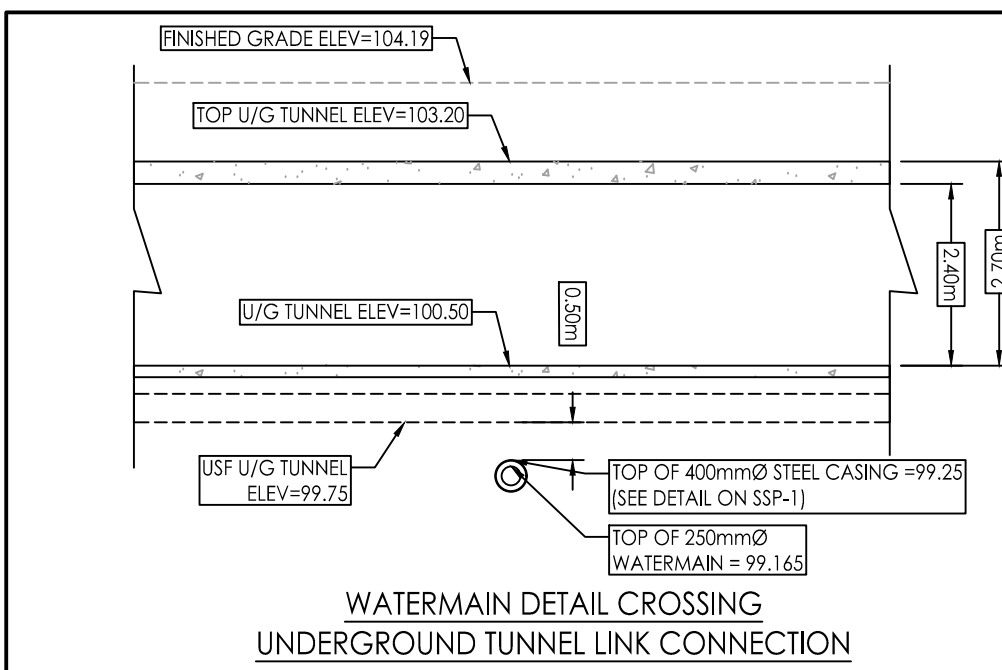
**Proposed ICD Schedule**

Area ID	Office Name	ICD Invert	ICD Type	2yr Head (m)	2yr Flow (L/s)	100yr Head (m)	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	102.82	IPEX TEMPEST HF (127mm ORIFICE)	0.80	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	CBMH104A	102.81	IPEX TEMPEST HF (102mm ORIFICE)	1.17	21.9	1.34	24.4
L106A	CB106A-1	101.97	IPEX TEMPEST HF (102mm 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	100-01	101.37	IPEX TEMPEST HF (83mm ORIFICE)	0.91	12.8	1.83	18.3
ADS TANK	100-02	102.25	200mm CIRCULAR ORIFICE	0.03	1.9	0.95	78.1
ADS TANK	100-04	103.00	500mm WIDE WEIR	0.00	0.0	0.20	58.3
UNC-4	CBMH105	102.88	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 (m3)
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



**SEWER AND WATERMAIN CROSSING TABLE**

CROSSING ID	STM INV	STM OBV	WTR TOP	WTR Btm
▲	101.45	101.83	102.53	102.33
▲	102.61(102.53)	103.06(103.14)	102.06	101.86
▲	100.89	101.14	101.95	101.75
▲	102.90	103.10	102.02	101.82
▲	102.80	103.00	102.04	101.84

\* BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS

**CITY OF OTTAWA GROSS FLOOR AREAS & AMENITY AREAS(2&3)**

Level	Area	City GFA	Amenity Area	Communal Amenity Area	Commercial
LEVEL 01	1801.58 m²	1801.58 m²	0.00 m²	0.00 m²	0.00 m²
LEVEL 01	160.24 m²	0.00 m²	160.24 m²	0.00 m²	0.00 m²
LEVEL 01	3182.96 m²	0.00 m²	0.00 m²	3182.96 m²	0.00 m²
LEVEL 01	950.85 m²	0.00 m²	0.00 m²	0.00 m²	950.85 m²
LEVEL 02	3640.94 m²	3640.94 m²	0.00 m²	0.00 m²	0.00 m²
LEVEL 02	315.00 m²	0.00 m²	315.00 m²	0.00 m²	0.00 m²
LEVEL 02	124.77 m²	0.00 m²	0.00 m²	124.77 m²	0.00 m²
LEVEL 03	3875.75 m²	3875.75 m²	0.00 m²	0.00 m²	0.00 m²
LEVEL 03	373.83 m²	0.00 m²	373.83 m²	0.00 m²	0.00 m²
LEVEL 04	3812.03 m²	3812.03 m²	0.00 m²	0.00 m²	0.00 m²
LEVEL 04	375.40 m²	0.00 m²	375.40 m²	0.00 m²	0.00 m²
LEVEL 05	3518.63 m²	3518.63 m²	0.00 m²	0.00 m²	0.00 m²
LEVEL 05	558.52 m²	0.00 m²	558.52 m²	0.00 m²	0.00 m²
LEVEL 06	3526.92 m²	3526.92 m²	0.00 m²	0.00 m²	0.00 m²
LEVEL 06	460.12 m²	0.00 m²	460.12 m²	0.00 m²	0.00 m²
Grand total	26678.13 m²	20176.45 m²	2243.10 m²	3307.73 m²	950.85 m²

**UNIT TYPES AND BARRIER FREE UNITS**

	LEVEL 1		LEVEL 2		LEVEL 3		LEVEL 4		LEVEL 5		LEVEL 6	
	TOTAL UNITS	BARRIER FREE UNITS	TOTAL UNITS	BARRIER FREE UNITS	TOTAL UNITS	BARRIER FREE UNITS	TOTAL UNITS	BARRIER FREE UNITS	TOTAL UNITS	BARRIER FREE UNITS	TOTAL UNITS	BARRIER FREE UNITS
STUDIO	0	0	6	2	9	2	9	2	5	2	5	2
1 BED	22	0	39	6	41	7	43	9	45	7	45	7
1 BED + DEN	2	1	3	1	3	1	3	0	3	0	3	0
2 BED	4	2	10	2	10	2	8	2	8	2	8	1
2 BED + DEN	0	0	2	1	2	1	2	1	2	0	2	0
TOTALS	28	3	60	12	65	13	65	14	63	11	63	10

