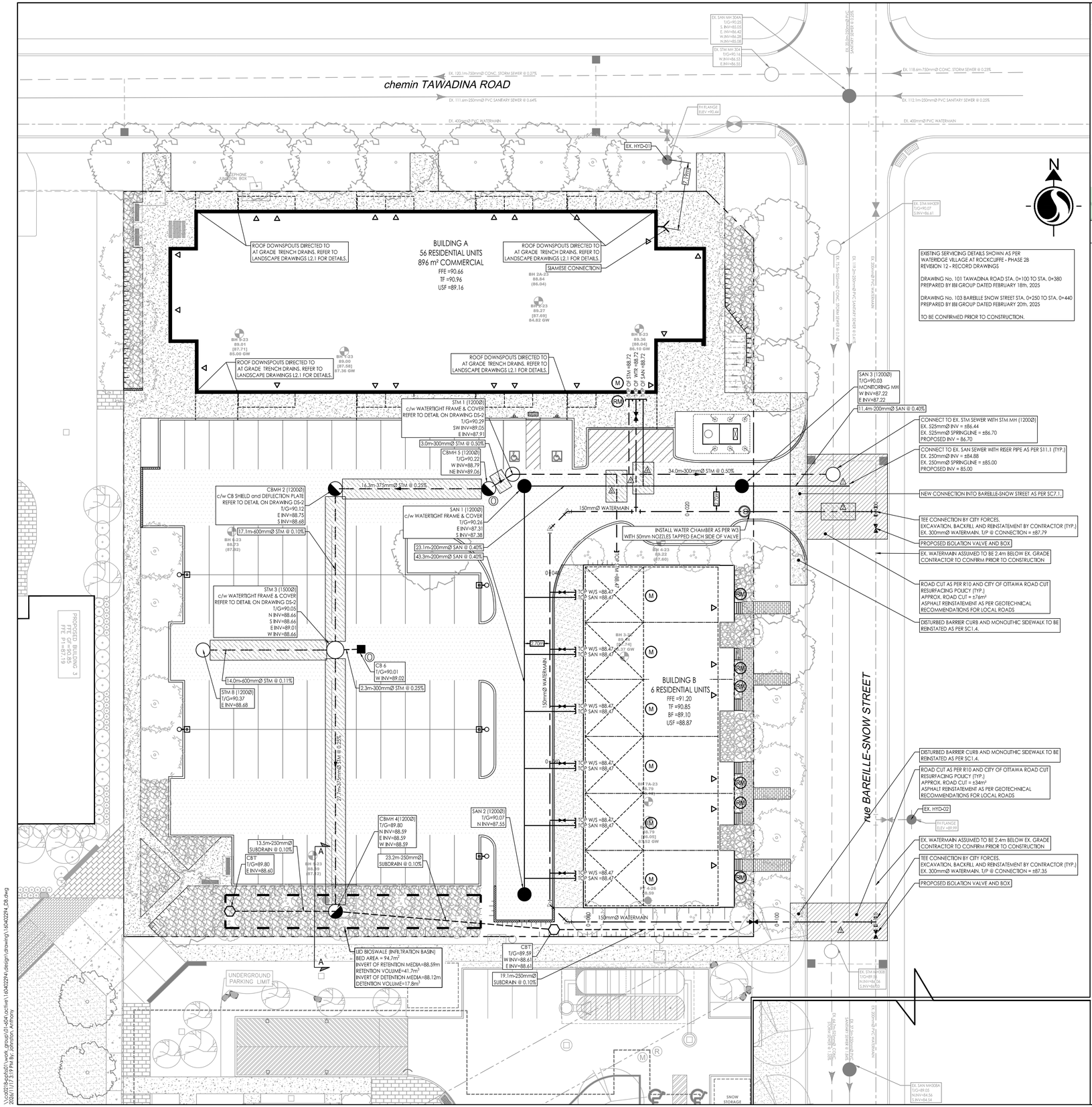
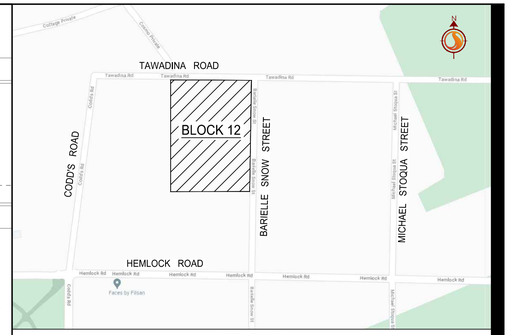


EXISTING SERVICING DETAILS SHOWN AS PER WATERIDGE VILLAGE AT ROCKCLIFFE - PHASE 2B REVISION 12 - RECORD DRAWINGS

DRAWING No. 101 TAWADINA ROAD STA. 0+100 TO STA. 0+380 PREPARED BY IBI GROUP DATED FEBRUARY 18th, 2025

DRAWING No. 103 BARELLE SNOW STREET STA. 0+250 TO STA. 0+440 PREPARED BY IBI GROUP DATED FEBRUARY 20th, 2025

TO BE CONFIRMED PRIOR TO CONSTRUCTION.



KEY PLAN
N.T.S.

SEWER AND WATERMAIN CROSSING TABLE							
CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR BTM	WTR TOP	NOTES
1	86.44	86.97	87.17	87.37			
2	86.42	86.95	84.87	85.12	87.45	87.60	WATERMAIN CROSSING OVER STORM SEWER ASPER W25.2 insulation
3	86.08	86.61	84.69	84.94	87.11	87.26	
4	87.84	88.14	88.34	88.49			
5	87.85	88.15	87.28	87.48	88.65	88.80	BEND WATER SERVICE OVER STM SEWER
6	88.00	88.15	88.35	88.50			

150mmØ WATERMAIN TABLE

STATION	FINISHED GRADE	TOP W/M	ITEM
0+000	89.89	87.490	150mm x 200mm TEE
0+013.8	89.99	87.590	W3 CHAMBER AND VALVE
0+025.4	90.13	87.730	150mm x 150mm TEE
0+032.7	90.17	87.770	45° HORIZONTAL BEND
0+035.3	90.16	87.760	45° HORIZONTAL BEND
0+040	90.28	87.880	TOP OF PIPE
0+042	90.36	87.960	BUILDING WATER SERVICE TEE
0+048.1	90.48	88.080	BUILDING WATER SERVICE TEE
0+052.1	90.52	88.120	BUILDING WATER SERVICE TEE
0+060.2	90.51	88.110	BUILDING WATER SERVICE TEE
0+066.2	90.48	88.080	BUILDING WATER SERVICE TEE
0+071.8	90.28	87.880	BUILDING WATER SERVICE TEE
0+075.2	90.16	87.760	45° HORIZONTAL BEND
0+077.8	89.94	87.540	45° HORIZONTAL BEND
0+080	89.92	87.520	TOP OF PIPE
0+097.5	89.85	87.450	200mm VALVE AND BOX
0+100	89.79	87.390	TOP OF PIPE
0+110.4	89.63	87.230	150mm x 200mm TEE

ICD TABLE						
CATCHBASIN ID	ICD INVERT	ICD TYPE	5YR HEAD (m)	5YR FLOW (L/s)	100YR HEAD (m)	100YR FLOW (L/s)
CB 6	89.02	95mm ORIFICE	0.84	16.4	0.69	14.9
CB MH5	88.79	193mm ORIFICE	0.03	13.8	0.51	53.0

PAVEMENT STRUCTURE - CAR PARKING AREAS
50mm HL-3 or SUPERPAVE 12.5 ASPHALTIC CONCRETE
150 OPSS GRANULAR 'A' BASE
300 OPSS GRANULAR 'B' TYPE II

PAVEMENT STRUCTURE - ACCESS LANES AND LOCAL ROADWAYS
40mm HL-3 or SUPERPAVE 12.5 ASPHALTIC CONCRETE
50mm HL-8 or SUPERPAVE 19.0 ASPHALTIC CONCRETE
150 OPSS GRANULAR 'A' BASE
450 OPSS GRANULAR 'B' TYPE II

Stantec

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Legend

- EXISTING WATERMAIN
- EXISTING VALVE AND VALVE BOX
- EXISTING VALVE CHAMBER
- EXISTING FIRE HYDRANT
- EXISTING SANITRAY SEWER
- EXISTING STORM SEWER
- EXISTING CATCHBASIN
- GEOTECH BOREHOLE REFERENCE
- WATER INFILTRATION TEST-PIT REFERENCE
- PROPOSED WATERMAIN
- PROPOSED VALVE AND VALVE BOX
- PROPOSED VALVE CHAMBER
- PROPOSED W3 CHAMBER
- PROPOSED FIRE HYDRANT
- WATER METER
- REMOTE WATER METER
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN MANHOLE STORM SEWER
- PROPOSED CATCHBASIN
- PROPOSED AREA DRAIN
- PROPOSED DEPRESSED CURB LOCATIONS
- PROPOSED BARRIER CURB
- PROPOSED HEAVY DUTY ASPHALT
- SIDEWALK REINSTATEMENT AS PER CITY DETAIL S1.4
- ASPHALT REINSTATEMENT AS PER CITY DETAIL R10
- THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 2.0m. ON SANITARY SEWER WHERE COVER IS LESS THAN 2.5m AS PER S35 AND ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22.

BUILDING A SERVICE LATERAL LOCATION

- 200mm STORM SERVICE PVC SDR 28@ 1% MIN
- 150mm PVC SDR 18 WATER SERVICE c/w CURB STOP AND SERVICE POST, METER AND REMOTE METER.
- 200mm SANITARY SERVICE PVC SDR 28 @ 1% MIN

BUILDING B SERVICE LATERAL LOCATION

- 19mm PEX TUBING WATER SERVICE c/w CURB STOP AND SERVICE POST, METER AND REMOTE METER.
- 135mm SANITARY SERVICE PVC SDR 28 @ 1% MIN
- 150mm STORM SERVICE PVC SDR 28@ 1% MIN

Revision	By	Appd.	YY.MM.DD
2 REVISED SITE PLAN SUBMISSION	AJ	DT	26.11.13
1 ISSUED FOR SITE PLAN CONTROL	AJ	DT	26.07.03
File Name: 160402294-DB	AJ Dwn.	AG Chkd.	AJ Dsgn.	26.04.01 YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
ALYSSA LOUISE GLADISH
100584698
2026-11-17
PROVINCE OF ONTARIO

Client/Project
MATTAMY HOMES
1000 TAWADINA ROAD

WATERIDGE BLOCK 12

OTTAWA, ON

Title
SITE SERVICING PLAN

Project No.	Scale	Sheet	Revision
160402294	1:200 (0, 2, 6, 10m)	3 of 8	2
Drawing No. SSP-1			D07-12-26-0078

PLAN# 19513

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ORIGINAL SHEET - ARCH D