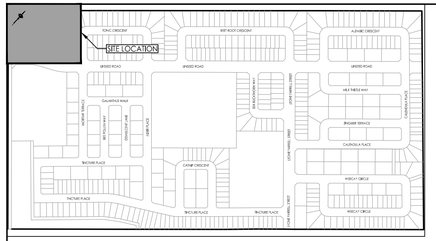


KEY PLAN
N.T.S.

200mmØ WATERMAIN TABLE A

STATION	FINISHED GRADE	TOP W/M	ITEM
0+000	81.1	78.700	200mmØ CAP AND THRUST BLOCK
0+001.5	81.08	78.680	W3 CHAMBER AND VALVE
0+017.5	81.05	78.65±	300mm X 200mm CROSS
0+025.5	81.13	78.730	200mm VALVE AND BOX
0+027	81.10	78.700	5° LONG BEND
0+028.5	81.06	78.660	11 1/4° HORIZONTAL BEND
0+040	81.06	78.660	TOP OF PIPE
0+060	81.24	78.840	TOP OF PIPE
0+068.4	81.33	78.930	200mm x 200mm TEE
0+074.4	81.33	78.930	200mm VALVE AND BOX
0+080	81.31	78.910	TOP OF PIPE
0+097.1	81.27	78.870	45° HORIZONTAL BEND
0+109.9	81.25	78.850	FIRE HYDRANT
0+112.9	81.29	78.890	22 1/2° HORIZONTAL BEND
0+125.8	81.29	78.890	22 1/2° HORIZONTAL BEND
0+135.5	81.42	79.020	45° HORIZONTAL BEND
0+137.8	81.43	79.030	45° HORIZONTAL BEND
0+150	81.41	79.010	200mm VALVE AND BOX
0+160	81.39	78.990	TOP OF PIPE
0+174.2	81.46	79.060	45° HORIZONTAL BEND
0+179.1	81.48	79.080	FIRE HYDRANT
0+183.8	81.44	79.040	45° HORIZONTAL BEND
0+192.5	81.35	78.950	200mm x 200mm TEE
0+204.4	81.36	78.960	200mm VALVE AND BOX
0+211.4	81.33	78.930	200mm x 200mm TEE

200mmØ WATERMAIN TABLE B

STATION	FINISHED GRADE	TOP W/M	ITEM
0+000	81.35	78.950	200mm x 200mm TEE
0+006	81.52	79.120	200mm VALVE AND BOX
0+014.1	81.82	78.650	200mm x 150mm TEE
0+020	81.82	79.420	TOP OF PIPE
0+030	81.54	79.140	TOP OF PIPE
0+036.9	81.49	79.090	W3 CHAMBER AND VALVE
0+040.7	81.32	78.920	5° LONG BEND
0+043.7	81.21	78.810	11 1/4° HORIZONTAL BEND
0+045.4	81.26	78.91±	300mm x 200mm TEE

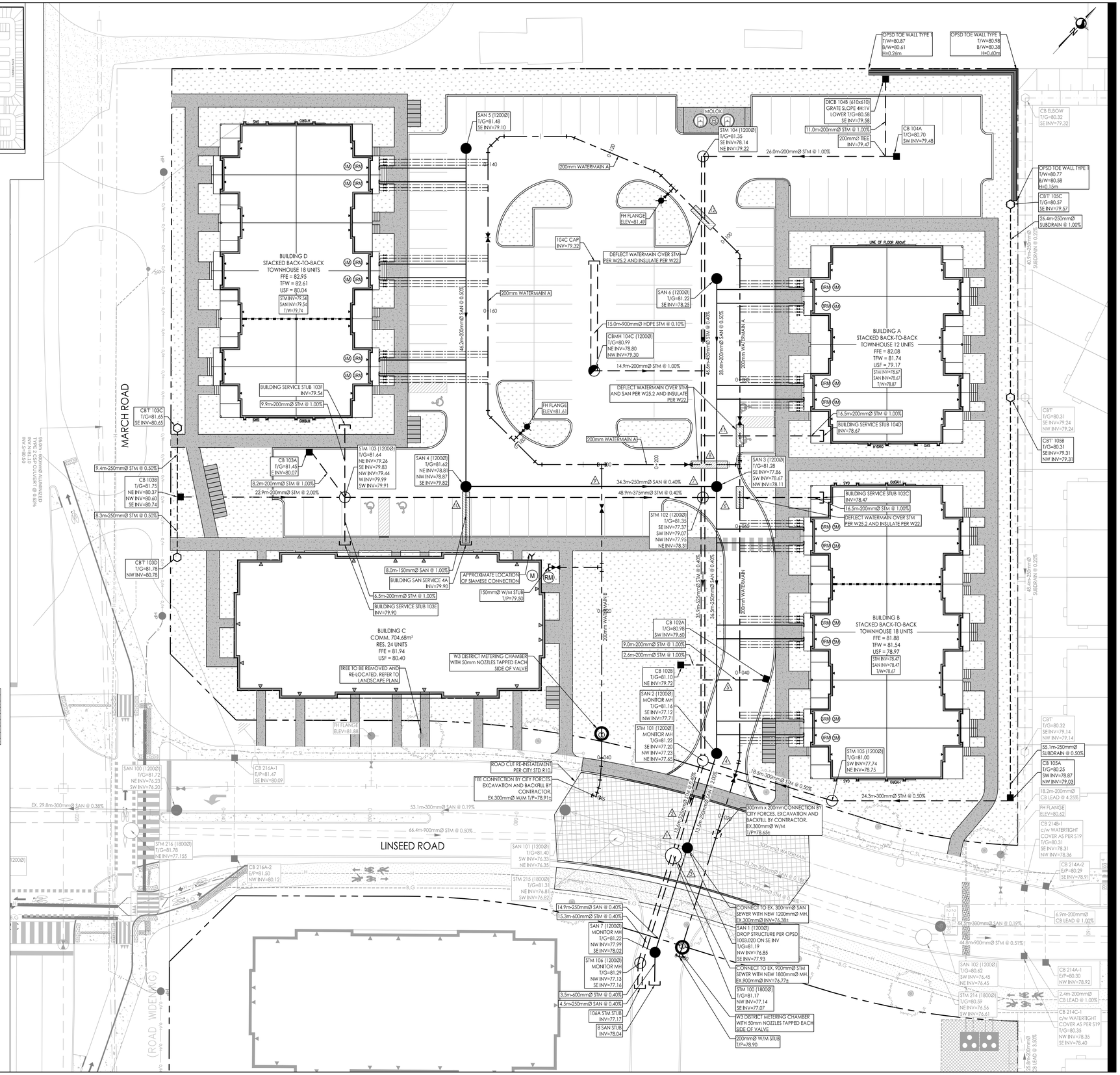
SEWER AND WATERMAIN CROSSING TABLE

CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR BTM
1	77.08(76.98)	77.68(77.78)	76.38	76.68		
2	77.09(76.99)	77.69(77.79)	76.86	77.11	78.70	78.40
3	76.76(76.64)	77.66(77.78)	77.81	78.06		
4	77.67	77.97	77.11	77.36	78.71	78.51
5	79.56	79.76	77.75	78.00	78.60	78.40
6	78.32	78.52	77.86	78.11	79.22	79.02
7	77.96(77.87)	78.49(78.58)	78.68	78.93		
8	77.97(77.88)	78.50(78.59)	78.12	78.32	79.29	79.09
9	79.12	79.50	78.73	78.98	78.23	78.03
10	79.19	79.57	79.84	79.99		
11	78.52	78.72	78.14	78.34	79.42	79.22
12	78.11(78.03)	78.56(78.64)			79.34	79.14

* BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS

ICD TABLE

Catchbasin ID	Tributary Area ID	ICD Type	2yr Head (m)	100yr Head (m)	2yr Flow (L/s)	100yr Flow (L/s)
CB 102A	L102A	152 mm Orifice	0.23	1.12	18.07	47.06
CB 102B	L102B	LMF 80	0.18	1.53	1.18	7.08
CB 103A	L103A	LMF 100	0.9	1.54	5.46	10.94
CB 103B	L103B, L103C, L103D	127 mm Orifice	0.31	1.43	13.67	36.75
CB 104A	L104A	83 mm Orifice	0.02	1.51	11.68	16.64
CBMH 104C	L104C	140 mm Orifice	2.2	2.44	56.95	60.11
CB 105A	L105A	178 mm Orifice	0.2	1.04	21.17	60.33



Stantec

Stantec Consulting Ltd.
400 - 1331 Clyde Avenue
Ottawa ON
Tel. 613.722.4420
www.stantec.com

Legend

- PROPOSED WATERMAIN
- PROPOSED VALVE AND VALVE BOX
- PROPOSED VALVE CHAMBER
- PROPOSED W3 CHAMBER
- PROPOSED REDUCER
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED CB T AND SUBDRAIN
- EXISTING WATERMAIN
- EXISTING VALVE AND VALVE BOX
- EXISTING VALVE CHAMBER
- EXISTING REDUCER
- EXISTING FIRE HYDRANT
- EXISTING COMBINED SEWER
- EXISTING STORM SEWER
- EXISTING CATCHBASIN MANHOLE
- EXISTING CATCHBASIN
- PROPOSED DEPRESSED CURB LOCATIONS
- PROPOSED BARRIER CURB
- THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 2.0m AND ON SANITARY SEWER WHERE COVER IS LESS THAN 2.5m AS PER S35.
- WATER METER
- REMOTE WATER METER
- PROPOSED 2Hr RATED FIRE WALL LOCATION

BACK TO BACK TERRACE HOME SERVICES
200mm STORM SERVICE PVC SDR 28 @ 1% MIN
150mm SANITARY SERVICE PVC SDR 28 @ 1% MIN
19mm PEX TUBING WATER SERVICE C/W CURB STOP AND SERVICE POST

STM INV=85.32
SAN INV=85.32
T/W=85.52

BACK TO BACK TERRACE HOME SERVICE ELEVATIONS.

Notes

0	ISSUED FOR SPA	MJS	KS	25.11.07
Revision		By	Appd.	YY.MM.DD
File Name: 160402120.dwg		MJS	DT	MJS	25.09.30
		Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
K.L. SMADELLA
2025-11-07
PROVINCE OF ONTARIO

Client/Project

MATTAMY HOMES LTD.
50 HINES ROAD, SUITE 100
OTTAWA, ON, K2K 2M5

NORTHWOODS SUBDIVISION
PHASE 6, BLOCK 454

OTTAWA, ON, CANADA

Title

SITE SERVICING PLAN

Project No.	Scale	Revision
160402120	1:250 (0, 2.5, 7.5, 12.5m)	
Drawing No.	Sheet	
SSP-1	3 of 7	0

PLAN # XXXXX

D07-12-XX-XXXX

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ORIGINAL SHEET - ARCH D