

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	81.00	78.600	200mm VALVE AND BOX
0+040	81.10	78.700	TOP OF PIPE
0+043.0	81.00	78.600	22½° HORIZONTAL BEND
0+060	81.26	78.860	TOP OF PIPE
0+069.28	81.40	79.000	200mm x 200mm TEE
0+075.28	81.40	79.000	200mm VALVE AND BOX
0+080	81.33	78.930	TOP OF PIPE
0+100	81.31	78.910	TOP OF PIPE
0+101.36	81.31	78.910	22½° HORIZONTAL BEND
0+103.18	81.29	78.890	45° HORIZONTAL BEND
0+113.92	81.28	78.880	FIRE HYDRANT
0+120	81.41	79.010	TOP OF PIPE
0+127.54	81.25	78.850	22½° HORIZONTAL BEND
0+140	81.42	79.020	45° HORIZONTAL BEND
0+142.33	81.43	79.030	45° HORIZONTAL BEND
0+154.52	81.41	79.010	200mm VALVE AND BOX
0+160	81.40	79.000	TOP OF PIPE
0+178.68	81.46	79.060	45° HORIZONTAL BEND
0+183.64	81.48	79.080	FIRE HYDRANT
0+188.32	81.44	79.040	45° HORIZONTAL BEND
0+197.06	81.35	78.950	200mm x 200mm TEE
0+212.37	81.27	78.870	200mm VALVE AND BOX
0+219.4	81.50	79.100	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+020	81.91	79.510	TOP OF PIPE
0+027.69	81.87	79.470	200mm x 150mm TEE
0+030	81.63	79.230	TOP OF PIPE
0+036.9	81.50	79.100	W3 CHAMBER AND VALVE
0+040.7	81.32	78.920	5° LONG BEND
0+043.7	81.21	78.810	11¼° HORIZONTAL BEND
0+045.4	81.26	78.91±	300mm x 200mm TEE

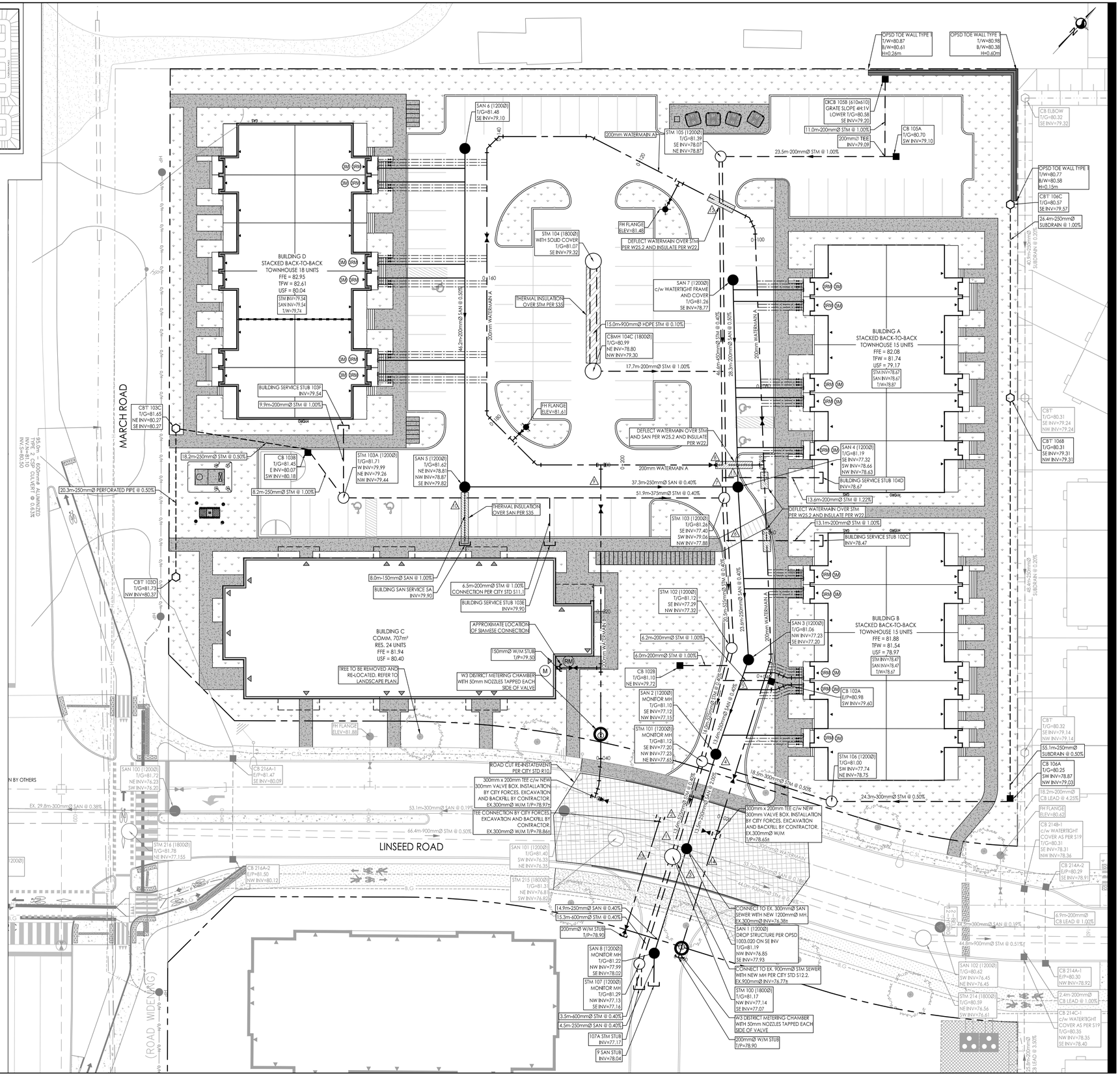
SEWER AND WATERMAIN CROSSING TABLE

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	77.09	77.34	78.59	78.39
5	79.57	79.77	77.18	77.43	78.60	78.40
6	78.35	78.55	77.29	77.54	78.85	79.05
7	77.89(77.80)	78.42(78.52)	78.67	78.92		
8	77.90(77.81)	78.43(78.52)	78.65	78.90	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	78.61	78.41	78.63	78.83	78.97	78.77
12	78.04(77.96)	78.49(78.57)			78.88	78.68
13	76.78	77.08	76.84	77.74	78.92	78.72
14	77.05	77.95	77.94	78.24	78.84	78.64

* BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS

ICD

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	1.45	18.3	53.9
CB 102B	L102B	LMF 80	0.61	1.56	4.5	7.1
CB 103B	L103A, L103B, L103C	127 mm Orifice	0.6	1.56	22.5	36.6
CBMH 104C	L104	140 mm Orifice	2.02	2.45	54.5	60.2
CB 105A	L105A	83 mm Orifice	0.61	1.53	10.4	16.7
CB 106A	L106	152 mm Orifice	0.88	1.77	21.0	48.1



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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. INSULATION OVER WATERMAIN PER W22 WHERE COVER IS LESS THAN 2.4m
- 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

BACK TO BACK TERRACE HOME SERVICE ELEVATIONS.

Notes

6	REVISED SITE PLAN AND SERVICE LOCATIONS BLD C	KV	KS	26.10.26
5	REVISED BUILDING FOOTPRINTS	KV	KS	26.09.02
4	REVISED SITE PLAN AND SERVICE LOCATIONS BLD A & B	KV	KS	26.06.25
3	REVISED SITE PLAN AND CITY COMMENTS	KV	KS	26.05.20
2	WATER ENTRY BUILDING C	KV	KS	26.03.19
1	REVISED SITE PLAN	KV	KS	26.03.17
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
2026-10-30
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	6

PLAN # 19393

D07-12-25-0148

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ORIGINAL SHEET - ARCH D