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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 1 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 SERVICE ELEVATIONS

Notes

- 2 WATER ENTRY BUILDING C
 - 1 REVISED SITE PLAN
 - 0 ISSUED FOR SPA
- Revision
- | Rev | By | App'd. | Y/M/MD |
|-----|-----|--------|----------|
| 0 | MJS | KS | 25.11.07 |
| 1 | By | App'd. | Y/M/MD |
- File Name: I46040210.dwg
- | M/S | DT | M/S | 25.09.20 |
|------|-------|------|----------|
| Dwn. | Chkd. | Dgn. | Y/M/MD |
- Permit-Seal

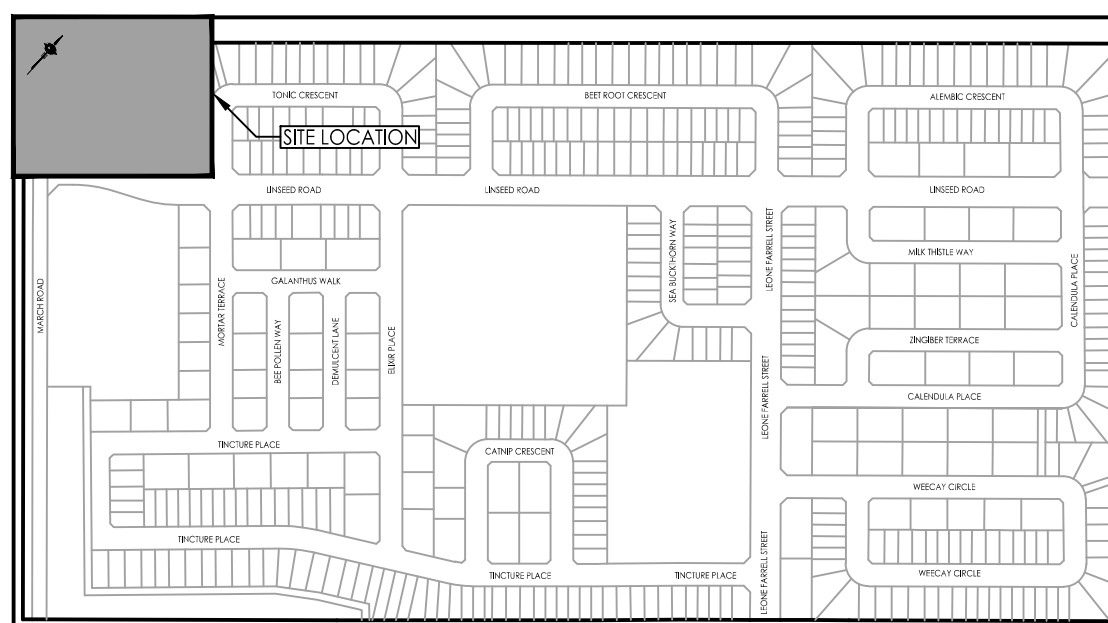
Client/Project	MATTAMY HOMES LTD.	50 HINES ROAD, SUITE 100	OTTAWA, ON, K2K 2M5
	NORTHWOODS SUBDIVISION		
	PHASE 6, BLOCK 454		
	OTTAWA, ON, CANADA		

Title	SITE SERVICING PLAN
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Project No.	Scale
160402120	0 2.5 7.5 12.5m

Drawing No.	Sheet	Revision
SSP-1	3 of 7	2

Project No.	Scale
160402120	0 2.5 7.5 12.5m



KEY PLAN

200mm WATERMAIN TABLE A

STATION	FINISHED GRADE	TOP W/M	ITEM
0+00.0	81.1	78.700	200mmØ CAP AND THRUST BLOCK
0+01.5	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	22 1/4° 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	22 1/4° 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	22 1/4° 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

200mm 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+017.20	81.90	79.500	200mm x 150mm TEE
0+020	81.85	79.450	TOP OF PIPE
0+030	81.63	79.230	TOP OF PIPE
0+034.9	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

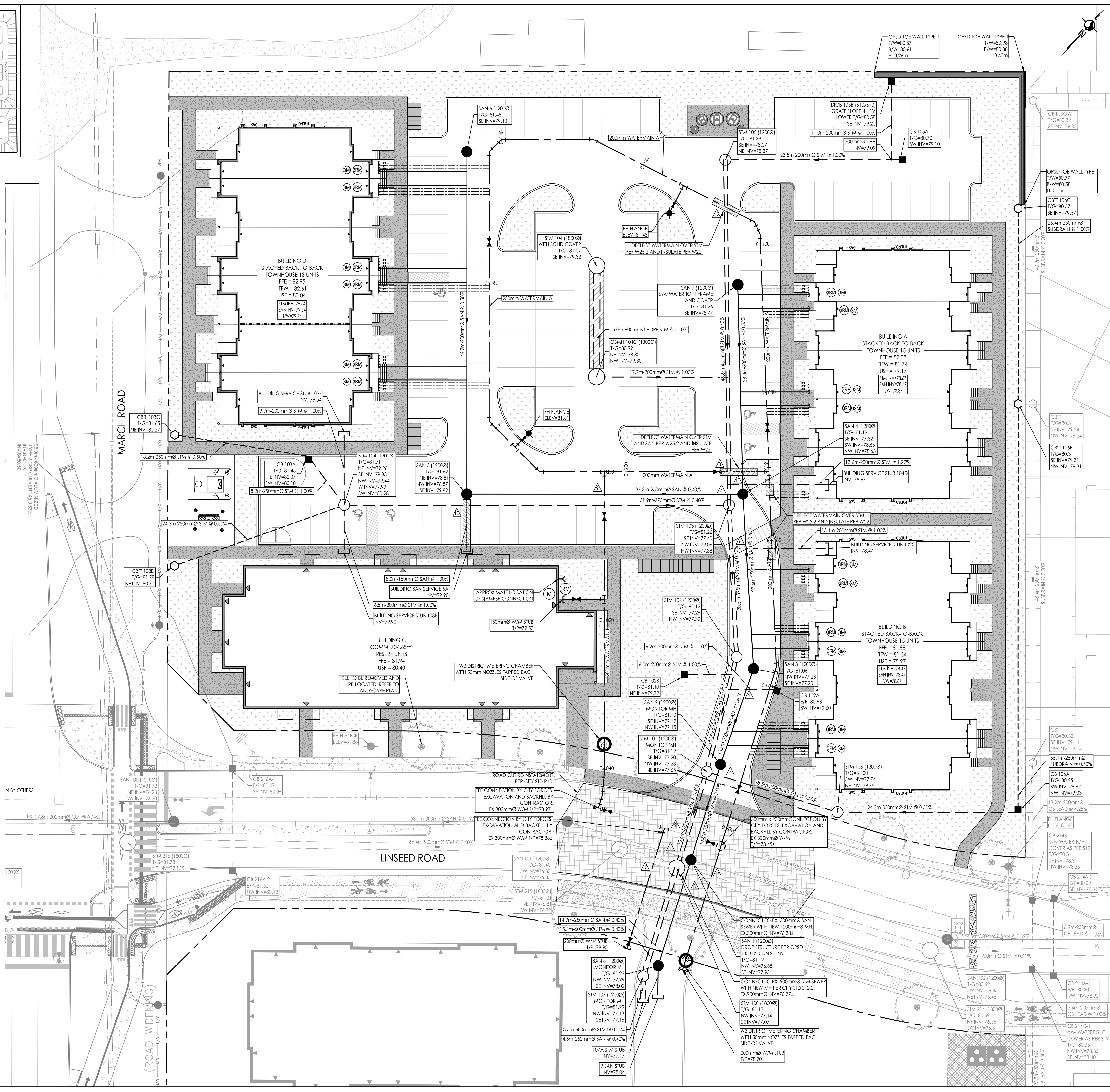
SEWER AND WATERMAIN CROSSING TABLE

CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR BTM
▲	77.08(76.98)	77.68(77.78)	76.38	76.68		
▲	77.09(76.99)	77.69(77.79)	76.84	77.11	78.70	78.40
▲	76.76(76.64)	77.66(77.78)	77.81	78.06		
▲	77.67	77.97	77.09	77.34	78.59	78.39
▲	79.57	79.77	77.18	77.43	78.60	78.40
▲	78.35	78.55	77.29	77.54	78.85	79.05
▲	77.89(77.80)	78.42(78.52)	78.67	78.92		
▲	77.90(77.81)	78.43(78.52)	78.65	78.90	79.29	79.09
▲	79.12	79.50	78.73	78.98	78.23	78.03
▲	79.19	79.57	79.84	79.99		
▲	78.61	78.41	78.63	78.83	78.97	78.77
▲	78.04(77.94)	78.49(78.57)	78.47	78.72	78.88	78.68
▲	74.78	77.08	76.84	77.74	78.92	78.72
▲	77.05	77.95	77.94	78.24	78.84	78.64

*BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS

LOAD TABLE

Catchbasin ID	Tributary Area ID	ICD Type	2yr Head (m)	100yr Head (m)	2yr Flow (L/s)	100yr Flow (L/s)
CB 105A	L102A	152mm Orifice	0.24	1.44	18.6	53.7
CB 105B	L102B	152mm Orifice	0.62	1.56	4.1	7.1
CB 105A	L103A, L103C, L103D	127mm Orifice	0.6	1.56	22.6	36.6
CB 104C	L104C	140mm Orifice	1.98	2.44	54.0	60.1
CB 105A	L105A	83mm Orifice	0.63	1.53	10.6	18.7
CB 105A	L105A	152mm Orifice	0.98	1.77	21.6	48.1



ROAD CUT REINFORCEMENT PER CITY STD 810

SEE CONNECTION BY CITY FORCES EXCAVATION AND BACKFILL BY CONTRACTOR. EX. 300mmØ W/M T/P=78.97±

SEE CONNECTION BY CITY FORCES EXCAVATION AND BACKFILL BY CONTRACTOR. EX. 300mmØ W/M T/P=78.86±

CONNECT TO EX. 300mmØ SAN SEWER WITH NEW 1200mmØ MH. EX. 300mmØ INV=76.38±

SAN 1 (12000) DROP STRUCTURE PER OPSD 1003.020 ON SE INV T/G=81.19 NW INV=76.85 SE INV=77.93

CONNECT TO EX. 900mmØ SIM SEWER WITH NEW MH PER CITY STD S12.2. EX. 300mmØ INV=76.77±

W3 DISTRICT METERING CHAMBER WITH 50mm NOZZLES TAPPED EACH SIDE OF VALVE.

107A SIM SUB INV=77.17

107A SAN SUB INV=78.04