

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 CATCHBASIN
- 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
- FUTURE WATERMAIN
- FUTURE VALVE AND VALVE BOX
- FUTURE VALVE CHAMBER
- FUTURE REDUCER
- FUTURE FIRE HYDRANT
- FUTURE SANITARY SEWER
- FUTURE STORM SEWER
- FUTURE CATCHBASIN MANHOLE
- FUTURE CATCHBASIN
- FUTURE SUBDRAIN CATCHBASIN
- CIRCULAR OFFICE (SEE SCHEDULE OF INLET CONTROL DEVICES)
- CATCHBASINS TO BE INTERCONNECTED
- 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.
- ADDITIONAL 19mmØ PEX WATER SERVICE FOR IRRIGATION.
- CONTROL CENTER FOR IRRIGATION SYSTEM.
- WATER METER
- REMOTE WATER METER
- PROPOSED COMMUNITY MAILBOX LOCATIONS

NOTES:

- EACH TOWNHOUSE STACK TO BE SERVICED BY 1 - 100mmØ PVC SDR-28 STORM SERVICE.
- 1 - 19mmØ PEX WATER SERVICES (1 WATER SERVICE PER UNIT), AND 1 - 135mmØ PVC SDR-28 SANITARY SEWER FOR TOWNHOUSE STACK.
- BLOCK 4 AND BLOCK 8 SHALL HAVE THE ROOF EAVES OUTLET TO THE PARKING LOT SIDE TO CONTAIN ROOF DRAINAGE ON SITE.

3	REVISED AS PER CITY COMMENTS	MJS	KS	18.08.02
2	REVISED AS PER CITY COMMENTS	MJS	KS	18.02.01
1	ISSUED FOR SPA	MJS	KS	17.08.31
Revision		By	Appd.	YY.MM.DD
File Name: 160401305-D8		MJS	KS	17.07.10
Permit-Seal		Dwn.	Chkd.	Dsgn.



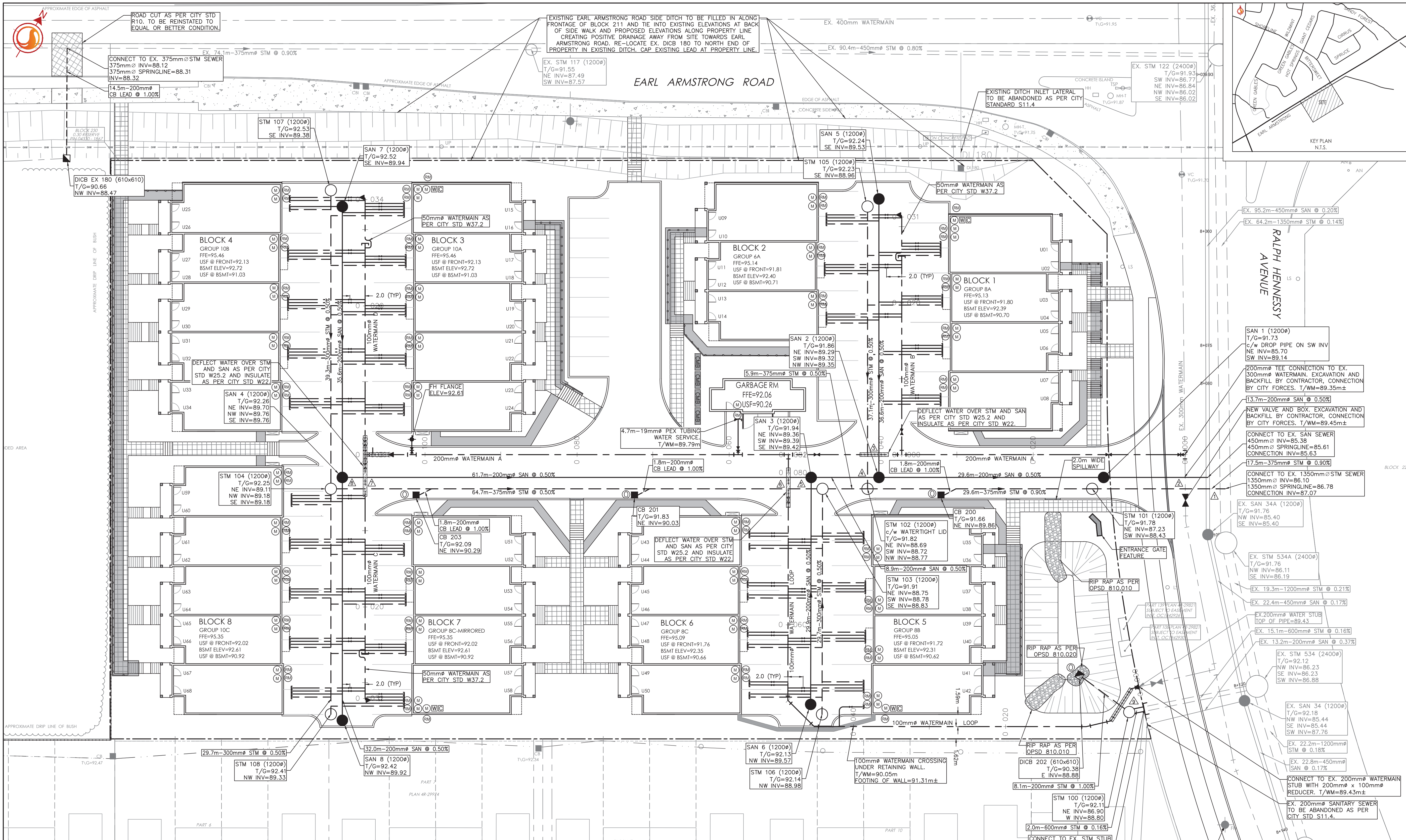
Client/Project
URBANDALE CONSTRUCTION

RIVERSIDE SOUTH PHASE 8
BLOCK 211
OTTAWA, ON

Title
SITE SERVICING PLAN

Project No. 160401305
Drawing No. Sheet Revision
Scale 0 2.5 7.5 12.5m
1:250

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200mmØ WATERMAIN A				100mmØ/50mmØ WATERMAIN C				100mmØ WATERMAIN LOOP			
STATION	FINISHED GRADE	TOP OF W/M	ITEM	STATION	FINISHED GRADE	TOP OF W/M	ITEM	STATION	FINISHED GRADE	TOP OF W/M	ITEM
0+000	91.75	83.95A	TYS CONNECTION TO EX. 300mmØ WATERMAIN	0+000	92.27	90.480	100mmØ x 100mmØ TEE OFF WATERMAIN A	0+000	92.30	89.43A	CONNECT TO EX. 200mmØ WATER STUB 200mmØ100mmØ REDUCER
0+010	91.64	89.240	200mmØ VALVE AND VALVE BOX	0+001.5	92.25	90.480	100mmØ VALVE AND VALVE BOX	0+001	92.04	89.520	45° HORIZONTAL BEND
0+020	91.79	89.390	TOP OF PIPE	0+005.5	92.23	90.480	45° VERTICAL BEND	0+006	92.04	89.520	45° HORIZONTAL BEND
0+037.3	91.87	89.470	200mmØ x 100mmØ TEE FOR WATERMAIN B	0+006.1	92.23	89.830	45° VERTICAL BEND	0+009.4	92.35	89.850	11 1/4° HORIZONTAL BEND
0+038	91.89	89.490	45° VERTICAL BEND	0+010	92.20	89.800	TOP OF PIPE	0+020	92.47	90.070	TOP OF PIPE
0+039	91.92	90.270	45° VERTICAL BEND	0+025.7	92.34	89.940	50mmØ TVS OFF 100mmØ	0+030	92.54	90.140	TOP OF PIPE
0+042.75	91.92	90.270	45° VERTICAL BEND	0+026.3	92.34	89.940	100mmØ CAP AND THRUST BLOCK	0+041.8	92.50	90.100	19mmØ IRRIGATION SERVICE
0+043.75	91.92	89.520	45° VERTICAL BEND	0+032.1	92.39	89.990	50mmØ TO 19mmØ REDUCER	0+045.2	92.15	89.750	45° HORIZONTAL BEND
0+048.4	91.99	89.590	200mmØ VALVE AND VALVE BOX					0+050	92.13	89.730	45° HORIZONTAL BEND
0+052.2	91.98	89.580	200mmØ x 100mmØ TEE WATERMAIN LOOP					0+060	92.06	89.660	TOP OF PIPE
0+058.8	91.99	89.590	19.0mm TVS SERVICE FOR GARBAGE ROOM					0+074.4	91.95	89.550	45° VERTICAL BEND
0+080	92.00	89.600	TOP OF PIPE					0+075.4	91.95	90.310	45° VERTICAL BEND
0+100	92.15	89.750	TOP OF PIPE					0+076.4	91.96	90.310	100mmØ VALVE AND VALVE BOX
0+101.7	92.17	89.770	150mmØ FIRE HYDRANT TEE					0+081.4	91.97	90.310	45° VERTICAL BEND
0+104.7	92.26	89.860	200mmØ TO 100mmØ REDUCER					0+082.4	91.97	89.570	45° VERTICAL BEND
0+107.8	92.27	90.480	100mmØ x 100mmØ TEE WITH THRUST BLOCK					0+082.4	91.98	89.580	200mmØ100mmØ TEE WATERMAIN A
100mmØ/50mmØ WATERMAIN B				100mmØ/50mmØ WATERMAIN D							
STATION	FINISHED GRADE	TOP OF W/M	ITEM	STATION	FINISHED GRADE	TOP OF W/M	ITEM				
0+000	91.87	89.470	200mmØ x 100mmØ TEE OFF WATERMAIN A	0+000	92.27	90.480	100mmØ x 100mmØ TEE OFF WATERMAIN A				
0+003	92.00	89.600	100mmØ VALVE AND VALVE BOX	0+001.5	92.28	90.480	100mmØ VALVE AND VALVE BOX				
0+010	92.06	89.660	TOP OF PIPE	0+002.9	92.29	90.480	45° VERTICAL BEND				
0+025.5	92.15	89.750	50mmØ TVS OFF 100mmØ	0+003.5	92.29	89.890	45° VERTICAL BEND				
0+026.1	92.16	89.760	100mmØ CAP AND THRUST BLOCK	0+010	92.34	89.940	TOP OF PIPE				
0+031.3	92.19	89.790	50mmØ TO 19mmØ REDUCER	0+027.6	92.46	90.060	50mmØ TVS OFF 100mmØ				
				0+028.2	92.46	90.060	100mmØ CAP AND THRUST BLOCK				
				0+034.0	92.51	90.110	50mmØ TO 19mmØ REDUCER				

APPROVED
By Adam Brown at 9:30 am, Oct 11, 2018

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