

WATERMAIN SCHEDULE					
STATION	DESCRIPTION	FINISHED GRADE	TOP OF WATERMAIN	AS-BUILT WATERMAIN	COVER
150mm DOMESTIC SERVICE TO BLDG A					
0+000	Connect to Ex. Building Water Room	78.54	76.14		2.400
0+001.7	150mm V&VB	78.48	76.08		2.400
0+007.9	45° Bend	77.34	74.94		2.400
0+010.9	Crossing under existing 200mm watermain	77.20	74.10		3.100
0+013.4	45° Bend	77.22	74.82		2.400
0+038.4	Crossing under 200mm Sprinkler Service to Bldg B	77.22	73.99		3.230
0+049.6	150x150mm Tee (Domestic to Bldg B)	77.06	74.66		2.400
0+060.2	45° Bend	77.02	74.62		2.400
0+108.6	Crossing under 200mm watermain	77.36	74.26		3.100
0+116.2	45° Bend	77.41	75.01		2.400
0+128.00	45° Bend	77.52	75.12		2.400
0+131.9	45° Bend	77.54	75.14		2.400
0+133.3	150mm V&VB	77.73	75.33		2.400
0+135.00	150mm W/M Stub (Bldg A)	77.65	75.25		2.400
150mm DOMESTIC SERVICE TO BLDG B					
0+000.0	150x150mm Tee (Domestic to Bldg B)	77.06	74.66		2.400
0+003.9	Crossing under 250mm PVC SAN	77.03	74.63		2.400
0+014.6	150mm V&VB	77.32	74.92		2.400
0+015.6	150mm W/M Stub (Bldg B)	77.35	74.95		2.400
250mm WATERMAIN LOOPING					
0+000.0	Connect to Ex. 250mm W/M with VB	77.13	74.73		2.400
0+002.5	45° Bend	77.09	74.69		2.400
0+050.7	250x200mm Tee (FH 1)	77.37	74.97		2.400
0+058.2	45° Bend	77.42	75.02		2.400
0+108.4	250x150mm Tee (FH 2)	77.80	75.40		2.400
0+134.0	250x200mm Tee (Sprinkler Service to Bldg A)	77.82	75.42		2.400
0+150.1	250mm DMA	77.85	75.45		2.400
0+153.2	Connect to Ex. 305mm W/M	77.85	75.45	75.450	2.400
200mm SPRINKLER SERVICE TO BLDG B					
0+000.0	Connect to Ex. 250mm with 250x200mm TEE	77.85	75.45	75.450	2.400
0+001.5	Crossing above 150mm Domestic Service	77.22	74.82		2.400
0+005.3	Crossing under 250mm PVC SAN	77.11	74.71		2.400
0+015.2	200mm V&VB	77.45	75.05		2.400
0+016.3	200mm W/M Stub (Bldg B)	77.35	74.95		2.400
200mm SPRINKLER SERVICE TO BLDG A					
0+000.0	250x200mm TEE	77.82	75.42		2.400
0+014.6	11.25° Bend	78.06	75.66		2.400
0+020.5	200mm V&VB	78.14	75.74		2.400
0+021.5	200mm W/M Stub (Bldg A)	78.30	75.90		2.400
TO FIRE HYDRANT 1					
0+000.0	250x200mm Tee	77.37	74.97		2.400
0+002.0	Crossing above 150mm Domestic Service	77.36	74.96		2.400
0+005.0	Crossing under 200mm PVC SAN	77.33	74.93		2.400
0+053.3	45° Bend	76.45	74.05		2.400
0+072.6	200x150mm Reducer	76.42	74.02		2.400
0+080.0	150mm V&VB	76.57	74.17		2.400
0+084.2	FH 1	76.60	74.20		2.400
TO FIRE HYDRANT 2					
0+000.0	250x150mm Tee	77.80	75.40		2.400
0+017.5	150mm V&VB	78.18	75.78		2.400
0+019.7	FH 2	78.27	75.87		2.400

SAN STRUCTURE TABLE							
STRUCTURE ID	TOP OF GRATE ELEVATION	INVERT			SIZE	DESCRIPTION	
		INLET	INLET	OUTLET		OPSD	COVER
SAMH101	77.69		75.050	75.020	1200mm DIA.	OPSD-701.010	S24
SAMH102	77.00	75.360	75.400	75.340	1200mm DIA.	OPSD-701.010	S24
SAMH103	76.97		75.420	75.390	1200mm DIA.	OPSD-701.010	S24
SAMH104	77.59		75.680	75.650	1200mm DIA.	OPSD-701.010	S24

PIPE CROSSING TABLE								
1	200mmØ PVC W/M	Invert	Obvert	0.630	Clearance Above	Invert	Obvert	150mmØ PVC W/M
		74.620	74.820			73.840	73.990	
2	200mmØ PVC W/M	74.510	74.710	0.590	Clearance Under	75.300	75.550	250mmØ PVC SAN
3	150mmØ PVC W/M	74.480	74.630	0.700	Clearance Under	75.330	75.580	250mmØ PVC SAN
4	200mmØ PVC W/M	74.760	74.960	0.500	Clearance Above	74.110	74.260	150mmØ PVC W/M
5	200mmØ PVC W/M	74.730	74.930	0.670	Clearance Under	75.600	75.800	200mmØ PVC SAN
6	150mmØ PVC W/M	73.900	74.100	0.500	Clearance Under	74.600	74.800	EXISTING 200mmØ PVC W/M

Allison Hamlin

ALLISON HAMLIN
MANAGER (A), DEVELOPMENT REVIEW WEST
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT
DEPARTMENT, CITY OF OTTAWA

APPROVED
By Allison Hamlin at 5:23 pm, Aug 23, 2023

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wsp

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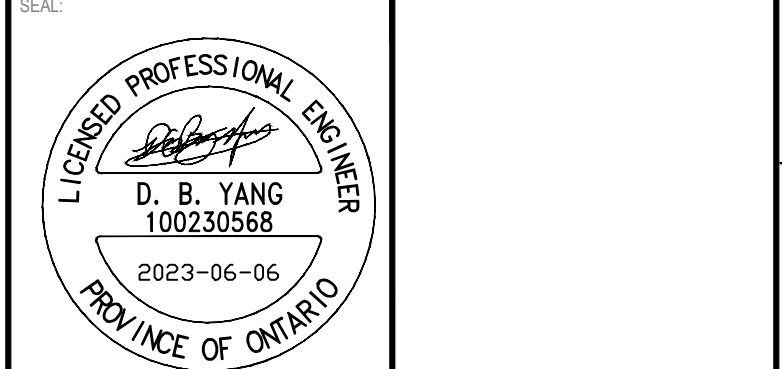
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CLIENT REF. # --

PROJECT:

**415 LEGGET DRIVE
ACCESS STORAGE**



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IS	RE	DATE	DESCRIPTION
7		2023/06/06	REVISED AS PER CITY COMMENTS
6		2023/03/24	REVISED AS PER CITY COMMENTS
5		2023/01/20	REVISED AS PER CITY COMMENTS
4		2022/12/01	REVISED AS PER CITY COMMENTS
3		2022/08/05	REVISED AS PER CITY COMMENTS
2		2022/03/18	REVISED AS PER CITY COMMENTS
1		2021/10/25	ISSUED FOR SPCA

PROJECT NO: 219-00058-03 DATE: JUNE 2023

ORIGINAL SCALE: AS SHOWN IF THIS BAR IS NOT 1" LONG, ADJUST YOUR PLOTTING SCALE.

DESIGNED BY: D.Y.

DRAWN BY: J.T.

CHECKED BY: D.Y.

DISCIPLINE: CIVIL

TITLE: DESIGN TABLES

SHEET NUMBER: C01A

SHEET #: 2 OF 8

ISSUE: REVISED AS PER CITY COMMENTS REV # 0

DATE OF: 2023/06/06