WATER SERVICE / WATERMAIN PROFILE TABLE

200mm PVC PRESSURE CLASS 235 DR18

STATION	DESCRIPTION	GRADE ELEVATION	TOP OF PIPE	DEPTH OF COVER	NOTES
A+000.0	200mm x 200mm TEE	±99.29	96.89	2.40	–
A+005.8	–	±99.61	96.89	2.72	START OF 50mm THICK INSULATION IN ACCORDANCE WITH CITY OF OTTAWA DRAWING No. W22
A+009.0	–	98.93	96.89	2.04	℄ SWALE
A+012.1	VALVE & VALVE BOX	99.22	96.89	2.33	ON PROPERTY LINE
A+013.0	–	98.92	96.89	2.03	℄ SWALE
A+015.8	–	99.81	96.92	2.89	END OF 50mm THICK INSULATION IN ACCORDANCE WITH CITY OF OTTAWA DRAWING No. W22
A+024.1	–	99.52	97.00	2.70	–
A+028.1	45° BEND	99.44	97.04	2.40	–
A+040.9	22.5° BEND	99.05	96.65	2.40	–
A+054.5	5° BEND	98.65	96.25	2.40	–
A+070.2	22.5° BEND	98.30	95.90	2.40	–
A+103.7	45° BEND	98.30	95.40	2.90	–
A+106.2 (B+000.0)	200mm x 150mm TEE	98.20	95.40	2.80	–
A+111.8	–	98.25	95.40	2.85	250 ST INV 95.90 200 WM TOP 95.40
A+113.0 (C+000.0)	200mm x 150mm TEE	98.30	95.40	2.90	–
A+114.0	VALVE & VALVE BOX	98.30	95.40	2.90	–
A+115.0 (D+000.0)	200mm x 150mm TEE	98.35	95.40	2.95	–
A+116.0	45° BEND	98.35	95.40	2.95	–
A+148.2	22.5° BEND	98.30	95.40	2.90	–
A+158.0 (G+000.0)	200mm x 150mm TEE	98.15	95.30	2.85	–
A+163.9 (E+138.0)	200mm x 200mm TEE	98.15	95.26	2.89	–
E+000.0	200mm x 200mm TEE	±99.38	96.98	2.40	–
E+005.7	–	±99.66	96.94	2.72	START OF 50mm THICK INSULATION IN ACCORDANCE WITH CITY OF OTTAWA DRAWING No. W22
E+008.8	–	98.96	96.92	2.04	℄ SWALE
E+012.0	–	99.15	96.92	2.23	PROPERTY LINE
E+012.9	–	98.95	96.92	2.03	℄ SWALE
E+014.0	DMA CHAMBER IN ACCORDANCE WITH CITY OF OTTAWA DRAWING No. W3 (TOP ELEVATION: 99.65)	99.32	96.92	2.40	END OF 50mm THICK INSULATION IN ACCORDANCE WITH CITY OF OTTAWA DRAWING No. W22
E+015.6	–	99.85	96.93	2.92	
E+022.9	–	99.59	97.00	2.59	–
E+029.0	45° BEND	99.45	97.05	2.40	–
E+043.0	22.5° BEND	99.05	96.65	2.40	–
E+052.4 (F+000.0)	200mm x 150mm TEE	98.80	96.40	2.40	–
E+057.1	5° BEND	98.65	96.25	2.40	–
E+063.0	22.5° BEND	98.45	96.05	2.40	–

WATER SERVICE / WATERMAIN PROFILE TABLE

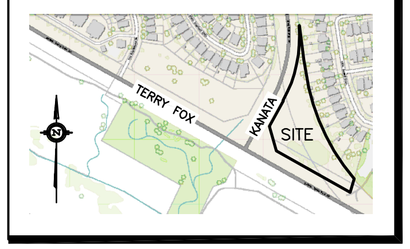
200mm PVC PRESSURE CLASS 235 DR18

STATION	DESCRIPTION	GRADE ELEVATION	TOP OF PIPE	DEPTH OF COVER	NOTES
E+084.4	–	98.35	95.40	2.95	300 ST INV 95.90 200 WM TOP 95.40
E+093.6	11.25° BEND	98.35	95.35	3.00	–
E+118.9	11.25° BEND	98.25	95.20	3.05	–
E+121.4	–	98.25	95.20	3.05	300 ST INV 95.70 200 WM TOP 95.20
E+132.3	45° BEND	98.30	95.20	3.10	–
E+136.0	VALVE & VALVE BOX	98.15	95.24	2.91	–
E+138.0 (A+163.9)	200mm x 200mm TEE	98.15	95.26	2.89	–
E+140.0	VALVE & VALVE BOX	98.15	95.28	2.87	–
E+142.0 (H+000.0)	200mm x 150mm REDUCER	98.15	95.30	2.85	–

150mm PVC PRESSURE CLASS 235 DR18

B+000.0 (A+106.4)	200mm x 150mm TEE	98.20	95.40	2.80	–
B+001.0	VALVE & VALVE BOX	98.20	95.40	2.80	–
B+005.5	FIRE HYDRANT	98.50	95.40	3.10	–
C+000.0 (A+113.2)	200mm x 150mm TEE	98.30	95.40	2.90	–
C+001.8	22.5° BEND	98.30	95.40	2.90	–
C+002.8	VALVE & VALVE BOX	98.30	95.40	2.90	–
C+009.6	–	98.37	95.40	2.97	WATERTIGHT CAP
D+000.0 (A+115.2)	200mm x 150mm TEE	98.35	95.40	2.95	–
D+001.4	22.5° BEND	98.35	95.40	2.95	–
D+002.4	VALVE & VALVE BOX	98.35	95.40	2.95	–
D+009.7	–	98.54	95.40	3.14	WATERTIGHT CAP
F+000.0 (E+052.6)	200mm x 150mm TEE	98.80	96.40	2.40	–
F+001.0	VALVE & VALVE BOX	98.80	96.40	2.40	–
F+003.1	FIRE HYDRANT	98.95	96.40	2.55	–
G+000.0 (A+158.2)	200mm x 150mm TEE	98.15	95.30	2.85	–
G+001.0	VALVE & VALVE BOX	98.35	95.30	3.05	–
G+002.0	FIRE HYDRANT	98.40	95.30	3.10	–
H+000.0 (E+142.2)	200mm x 150mm REDUCER	98.15	95.35	280	–
H+005.7	–	97.90	95.35	2.55	150 WM US 95.20 375 ST TOP 94.65 (0.55m SEPARATION MIN. 0.5m REQUIRED)
H+009.2	22.5° BEND	97.85	95.35	2.50	–
H+025.0	45° BEND	97.65	95.20	2.45	–
H+026.9	–	97.60	95.15	2.45	150 WS US 95.00 200 SAN TOP 94.20 (0.80m SEPARATION MIN. 0.5m REQUIRED)
H+030.4	45° BEND	97.45	95.05	2.40	–
H+032.6	–	98.09	95.05	3.04	WATERTIGHT CAP

KEY PLAN



No.	DATE	REVISION
5	OCT 21–26	RE–ISSUED FOR APPROVAL
4	JUL 10–26	RE–ISSUED FOR APPROVAL
3	JAN 26–26	RE–ISSUED FOR APPROVAL
2	OCT 28–25	RE–ISSUED FOR APPROVAL
1	JUL 11–25	ISSUED FOR APPROVAL

D. B. GRAY ENGINEERING INC.
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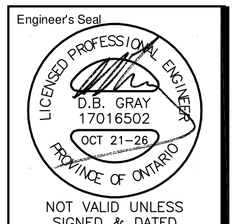
Project

PROPOSED 6–STOREY
APARTMENT BUILDINGS
475 TERRY FOX DRIVE
OTTAWA, ONTARIO

Drawing Title

DETAILS

Engineer's Seal



NOT VALID UNLESS
SIGNED & DATED

Drawn	D.B.G
H. Scale	1:200
V. Scale	
Date	JUL 11–25
Job No.	24103

Drawing No.

C–12
of 22

Plan #19347 File No. D07–12–25–0104