

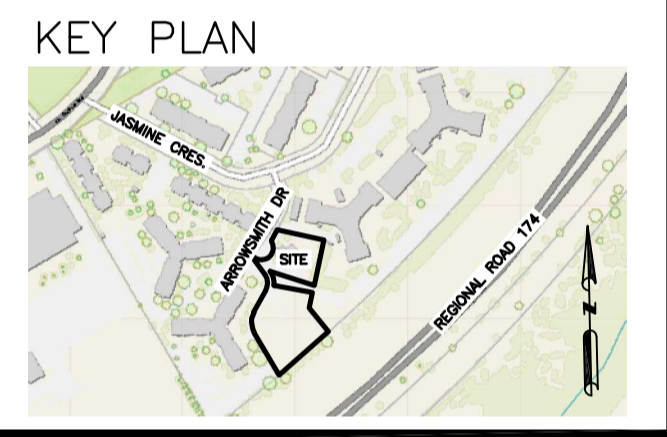
Allison Hamlin

ALLISON HAMLIN
MANAGER, DEVELOPMENT REVIEW ALL WARDS
PLANNING, DEVELOPMENT & BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

APPROVED
 By Allison Hamlin at 1:51 pm, May 21, 2026

CATCH-BASIN & MANHOLE SCHEDULE						
REF	TOP	SIZE	TYPE	INVERT AT INLET	INVERT AT OUTLET	NOTES
STORM SEWER						
CB-1	70.91	600mm x 600mm	PRECAST CONCRETE CATCH-BASIN	-	69.42	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
CB-2	70.26	600mm x 600mm	PRECAST CONCRETE CATCH-BASIN	-	69.42	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
CB/MH-3	70.86	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	69.30(SE)	69.30(N)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
CB-4	70.91	600mm x 600mm	PRECAST CONCRETE CATCH-BASIN	-	69.40	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
CB-5A	71.38	600mm x 600mm	PRECAST CONCRETE CATCH-BASIN	-	69.35	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
CB/MH-5B	71.10	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	69.23(NE)	69.23(W)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
CB/MH-5	70.97	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	69.13(E) 69.13(S)	69.13(W)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
CB-6	70.86	600mm x 600mm	PRECAST CONCRETE CATCH-BASIN	-	69.27	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
MH-7	71.10	1200mm	PRECAST CONCRETE MANHOLE	69.11(E)	69.11(NW)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24.1 OR OPSD 401.010 ICD IN OUTLET PIPE
MH-8	71.32	CDS PMSU2015-4	PRECAST CONCRETE MANHOLE	69.01(SE)	69.00(N)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS EXCEPT WITH A DEEP SUMP AS REQUIRED BY CDS
MH-9	71.33	1500mm	PRECAST CONCRETE MANHOLE	68.92(S) 68.70(W)	68.67(NE)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24.1 OR OPSD 401.010
MH-9A	71.19	1200mm	PRECAST CONCRETE MANHOLE	±68.98(S) ±68.96(SW)	68.73(E)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24.1 OR OPSD 401.010
MH-10	±71.67	1200mm	PRECAST CONCRETE MANHOLE	68.53(SW)	68.50(N)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24.1 OR OPSD 401.010
MH-11	±71.39	1800mm	PRECAST CONCRETE MANHOLE	68.38(S) ±68.34(SW)	±68.32(NE)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24.1 OR OPSD 401.010
MH-12	71.61	1200mm	PRECAST CONCRETE MANHOLE	69.55(E)	69.36(S)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24.1 OR OPSD 401.010
MH-13	71.49	1200mm	PRECAST CONCRETE MANHOLE	69.27(N)	69.21(W)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24.1 OR OPSD 401.010
SANITARY SEWER						
MH-SA.1	71.59	1200mm	PRECAST CONCRETE MANHOLE	68.75(E)	68.68(SW)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24 OR OPSD 401.010
MH-SA.2	±71.05	1200mm	PRECAST CONCRETE MANHOLE	68.55(NE)	68.52(S)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24 OR OPSD 401.010
MH-SA.3	71.27	1200mm	PRECAST CONCRETE MANHOLE	68.37(N)	68.31(W)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24 OR OPSD 401.010

WATER SERVICE PROFILE TABLE					
MATERIAL: 150mm PVC PRESSURE CLASS 150 DR18					
STATION	DESCRIPTION	GRADE ELEVATION	TOP OF PIPE	DEPTH OF COVER	NOTES
A+00.0	200mm x 150mm TEE CONNECTION IN 200mm MUNICIPAL WATERMAIN TO CITY OF OTTAWA STANDARDS ANGLE TEE CONNECTION UP AT 22.5 DEG.	71.43	69.01	2.42	START OF 75mm THICK INSULATION AS PER CITY OF OTTAWA DRAWING No. W22
A+01.7	22.5' VERTICAL BEND DOWN TO CITY OF OTTAWA STANDARDS	71.43	69.73	1.67	-
A+03.0	-	71.44	69.73	1.71	CROSSING 600 ST TOP 69.33 WM U/S 69.58 - 250mm CLEARANCE (MIN. 250mm REQ'D)
A+05.4	45' HORIZONTAL BEND TO CITY OF OTTAWA STANDARDS	71.49	69.73	1.76	-
A+06.4	150mm VALVE & VALVE BOX TO CITY OF OTTAWA STANDARDS	71.49	69.73	1.76	ON PROPERTY LINE
A+07.4	22.5' VERTICAL BEND DOWN TO CITY OF OTTAWA STANDARDS	71.48	69.73	1.75	-
A+10.4	22.5' VERTICAL BEND UP TO CITY OF OTTAWA STANDARDS	71.49	68.50	2.99	END OF 75mm THICK INSULATION AS PER CITY OF OTTAWA DRAWING No. W22
A+13.8	-	71.50	68.50	3.00	BOTTOM OF CURB
A+19.0	-	71.70	68.50	3.20	CROSSING 200 ST INV 69.60 - 1100mm CLEARANCE (MIN. 300mm REQ'D)
A+20.1	-	71.72	68.50	3.22	CROSSING 150 SAN INV 68.80 - 300mm CLEARANCE (MIN. 300mm REQ'D)
A+21.4	-	71.73	68.50	3.23	ENTRY INTO BUILDING
B+00.0	200mm x 150mm TEE CONNECTION IN 200mm MUNICIPAL WATERMAIN TO CITY OF OTTAWA STANDARDS ANGLE TEE CONNECTION UP AT 45 DEG.	71.38	68.97	2.41	START OF 75mm THICK INSULATION AS PER CITY OF OTTAWA DRAWING No. W22
B+00.8	45' VERTICAL BEND DOWN TO CITY OF OTTAWA STANDARDS	71.38	69.75	1.63	-
B+02.0	45' HORIZONTAL BEND TO CITY OF OTTAWA STANDARDS	71.36	69.75	1.61	-
B+03.1	-	71.36	69.75	1.61	CROSSING 600 ST TOP 69.35 WM U/S 69.60 - 250mm CLEARANCE (MIN. 250mm REQ'D)
B+05.7	150mm VALVE & VALVE BOX TO CITY OF OTTAWA STANDARDS	71.39	69.75	1.65	ON PROPERTY LINE
B+06.7	22.5' VERTICAL BEND DOWN TO CITY OF OTTAWA STANDARDS	71.40	69.75	1.66	-
B+07.1	-	71.42	69.58	1.84	BOTTOM OF CURB
B+09.7	22.5' VERTICAL BEND UP TO CITY OF OTTAWA STANDARDS	71.65	68.50	3.15	END OF 75mm THICK INSULATION AS PER CITY OF OTTAWA DRAWING No. W22
B+14.8	22.5' HORIZONTAL BEND TO CITY OF OTTAWA STANDARDS	71.70	68.50	3.20	-
B+15.0	-	71.70	68.50	3.20	CROSSING 200 ST INV 69.60 - 1100mm CLEARANCE (MIN. 300mm REQ'D)
B+16.2	-	71.72	68.50	3.22	CROSSING 150 SAN INV 68.80 - 300mm CLEARANCE (MIN. 300mm REQ'D)
B+18.5	-	71.73	68.50	3.23	ENTRY INTO BUILDING

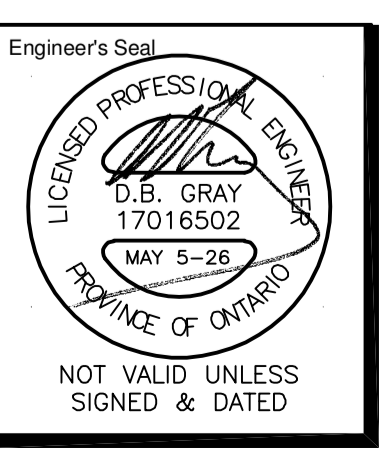


No.	DATE	REVISION
10	MAY 5-26	RE-ISSUED FOR APPROVAL
9	MAR 9-26	RE-ISSUED FOR APPROVAL
8	FEB 24-26	RE-ISSUED FOR APPROVAL
7	JAN 27-26	ISSUED FOR TENDER
6	DEC 10-25	RE-ISSUED FOR APPROVAL
5	JAN 17-25	ISSUED FOR ZONING
4	DEC 6-24	ISSUED FOR BUILDING PERMIT
3	AUG 14-23	RE-ISSUED FOR APPROVAL SAN SERVICE REVISED (MHS ADDED)
2	DEC 21-22	ISSUED FOR APPROVAL
1	DEC 19-22	ISSUED FOR COORDINATION

D. B. GRAY ENGINEERING INC.
Stormwater Management - Grading & Drainage - Storm & Sanitary Sewers - Watermain
 700 Long Point Circle
 Ottawa, Ontario
 613-425-8044
 d.gray@dbgrayengineering.com

Project
PROPOSED 6-STORY MIXED-USE BUILDING
2040 ARROWSMITH DRIVE
 OTTAWA, ONTARIO

Drawing Title
SCHEDULES



Drawn D.B.G.
 H. Scale
 V. Scale
 Date NOV 29-22
 Job No. 22062

Drawing No.
C-11
 of 18