No. 2044
4–Storey Apartment Building

EXISTING 250 CONC SAN @ ±0.35% (APPROXIMATE LOCATION)

MH–7
TOP 71.10
INV 69.11(NW)
INV 69.11(NE)
INV 69.11(SE)
ICD IN OUTLET PIPE PLUG
STYLE 21.90L/s/@ 1.95m
(86mm DIA.)
ORIFICE LOCATED AT
BOTTOM OF PLUG

250 ST
SPL 69.27
300 ST
SPL 69.27

50mm THICK INSULATION, 1.8m WIDE

CB–5
TOP 70.97
INV 69.17

2.8m – 250 PVC ST @ 0.432%

CLAY SEEPAGE BARRIER IN TRENCH
(REFER TO GEOTECHNICAL)

50mm THICK INSULATION, 1.8m WIDE

46.6m – 300 PVC ST @ 0.432%

75mm THICK INSULATION, 2.4m WIDE

CB–4
TOP 70.87
INV 69.27

2.7m – 250 PVC ST @ 0.432%

250 ST
SPL 69.38
300 ST
SPL 69.38

EXISTING 250 CONC SAN @ ±0.49% (APPROXIMATE LOCATION)

REMOVE EXISTING COVER, FRAME, ADJUSTMENT RINGS AND TOP RISER. INSTALL NEW CONCRETE RISER AND ADJUSTMENT RINGS AS NECESSARY TO ACHIEVE TOP ELEVATION OF 73.13. INSTALL NEW MANHOLE FRAME AND COVER TO CITY OF OTTAWA DRAWING No. S25 & S24.1.

DECOMMISSION EXISTING WELL

300 ST INV 69.26
250 SAN TOP ±68.14

EXIST. MH
TOP ~~71.61~~ 71.13
INV ±68.02(NW)
INV ±67.91(NE)

50mm THICK INSULATION, 1.8m WIDE

CB/MH–3
TOP 70.97
INV 69.31(NW)
INV 69.31(SE)

75mm THICK INSULATION, 2.4m WIDE

16.4m – 250 PVC ST @ 0.432%

CB–1
TOP 70.97
INV 69.41

250 ST INV 69.34
250 ST INV 69.34

19.0m – 250 PVC ST @ 0.432%

75mm THICK INSULATION, 2.4m WIDE

CB–2
TOP 70.92
INV 69.39

EXIST. ST MH
TOP 71.48
INV ±69.44(SW)
INV ±69.37(N)

PART 6 PLAN 4R–32638 SUBJECT TO EASEMENT & RIGHT OF WAY PER INST. LT81591

PART 10 PLAN 4R–32638

PART 9 PLAN 4R–32638

PART 8 PLAN 4R–32638

PART 7 PLAN 4R–32638

PART 4 PLAN 4R–32638

PART 3 PLAN 4R–32638

PART 2 PLAN 4R–32638

PART 1 PLAN 4R–32638

OTTAWA ROAD

2m
0m 1:150 10m

REFER TO NOTES & DETAILS
ON DRAWINGS C–10 & C11

LEGEND

FFL	FINISHED FLOOR ELEVATION
TOF	TOP OF FOUNDATION
BFL	BASEMENT FLOOR ELEVATION
USF	UNDERSIDE OF FOOTING
	PROPERTY LINE
C.R.Z	CRITICAL ROOT ZONE
CB	CATCH–BASIN
MH	STORM MANHOLE
CB/MH	CATCH–BASIN/MANHOLE
MH	SANITARY MANHOLE
FH	FIRE HYDRANT
FDC	FIRE DEPARTMENT CONNECTION
VB	VALVE & VALVE BOX
M	WATER METER
R	REMOTE WATER METER
SAN	SANITARY SEWER
ST	STORM SEWER
WS/WM	WATER SERVICE/WATERMAIN
OBV	OBVERT OF PIPE
SPL	SPRINGLINE OF PIPE
INV	INVERT OF PIPE
T.O.S	TOP OF SLOPE
B.O.S	BOTTOM OF SLOPE
	CENTERLINE OF SWALE
	150mm BARRIER CURB
D.C	DEPRESSED CURB
	ROAD CUT REINSTATEMENT

KEY PLAN

No.	DATE	REVISION
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 - Watermains
700 Long Point Circle 613-425-8044
Ottawa, Ontario d.gray@dbgrayengineering.com

Project

PROPOSED 6–STOREY
MIXED–USE BUILDING
2040 ARROWSMITH DRIVE
OTTAWA, ONTARIO

Drawing Title

SITE SERVICING PLAN
(SOUTH)

Engineer's Seal

LICENSED PROFESSIONAL ENGINEER
D.B. GRAY
17016502
DEC 21–22
PROVINCE OF ONTARIO

NOT VALID UNLESS SIGNED & DATED

Drawn	D.B.G
H. Scale	1:150
V. Scale	
Date	DEC 19–22
Job No.	22062

Drawing No.
C–4
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