4-STOREY
84-UNIT
APARTMENT
BUILDING

FFL = 64.10
TOF AS NOTED
BFL = 60.92
USF AS NOTED

RAINWATER LEADERS INSIDE BUILDING SHALL BE CONSTRUCTED TO WITHSTAND THE PRESSURE FROM A WATER COLUMN THE HEIGHT OF THE RAINWATER LEADER. PRESSURE TESTS SHALL BE PERFORMED ON THE SYSTEMS IN ACCORDANCE WITH THE MECHANICAL ENGINEER'S INSTRUCTIONS.

FOUNDATION DRAIN SUMP & PUMP DISCHARGE TO STORM DRAIN AT HIGH LEVEL IN BASEMENT (REFER TO MECHANICAL)

FH TO FDC ±21m UNOBSTRUCTED DISTANCE

CB-1
TOP 60.66
INV 59.14

INSULATION
75mm THICK
1.8m WIDE

TRANS-FORMER

SIGN TO BE RELOCATED

0+16.9 ST INV 61.52 SAN INV 60.17

150 PVC WS — 15.1m — 200 PVC ST @ 8% — 13.4m — 150 PVC SAN @ 4% — 13.8m — 200 PVC ST @ 0.58%

MIN. 2.5m

0+06.8 200 ST INV 60.44
250 SAN TOP ±59.86

MH-SA.1
TOP ±63.13
INV 59.61(NE)
INV ±59.60(NW)
INV ±59.51(SE)

APPROXIMATE EXTENT OF 40mm ASPHALT OVERLAY AS PER CITY OF OTTAWA ROAD CUT RESURFACING POLICY

EXIST. CB
TOP 62.08

EXIST. SAN MH
TOP 61.93
INV ±58.44(NW)
INV ±58.44(SE)

200 ST INV 59.07
250 SAN TOP ±58.59

APPROXIMATE EXTENT OF 40mm ASPHALT OVERLAY AS PER CITY OF OTTAWA ROAD CUT RESURFACING POLICY

EXIST. 60m – 250 CONC SAN @ ±5.77%

0+03.4

EXIST. 82.7m – 250 CONC SAN @ ±4.11%

EXIST. 69.4m – 450 CONC ST @ ±5.48%

0+01.8

SWEETLAND AVENUE

EXIST. 200 DI WM

0+00.0

EXIST. ST MH
(APPROXIMATE LOCATION)
TOP ±60.90
INV ±58.30(NW)
INV ±58.26(SE)

APPROXIMATE EXTENT OF 40mm ASPHALT OVERLAY AS PER CITY OF OTTAWA ROAD CUT RESURFACING POLICY

APPROXIMATE EXTENT OF PAVEMENT REINSTATEMENT AS PER CITY DWG. R10

200 ST SPL 60.41
450 ST SPL ±60.41

JOB BENCHMARK
Top of Spindle of FH
Elevation = 64.18

APPROXIMATE EXTENT OF PAVEMENT REINSTATEMENT AS PER CITY DWG. R10

EXIST. CB
TOP 62.00

200 ST SPL 59.16
450 ST SPL ±59.16

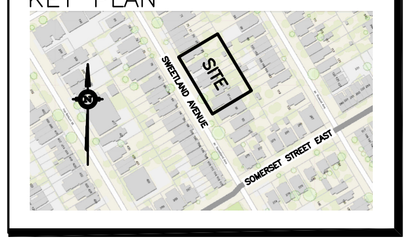
APPROXIMATE EXTENT OF PAVEMENT REINSTATEMENT AS PER CITY DWG. R10

REFER TO NOTES & DETAILS ON DRAWING C-6

LEGEND

FFL	FINISHED FLOOR ELEVATION
TOF	TOP OF FOUNDATION
BFL	BASEMENT FLOOR ELEVATION
USF	UNDERSIDE OF FOOTING
— · · —	PROPERTY LINE
CB	CATCH-BASIN
MH	STORM MANHOLE
MH	SANITARY MANHOLE
FH	FIRE HYDRANT
FDC	FIRE DEPARTMENT CONNECTION
VB	VALVE & VALVE BOX
SAN	SANITARY SEWER
ST	STORM SEWER
WS/WM	WATER SERVICE/WATERMAIN
SPL	SPRINGLINE
INV	INVERT
U/S	UNDERSIDE
x99.99	EXISTING ELEVATION

KEY PLAN



No.	DATE	REVISION
3	APR 1–25	RE-ISSUED FOR APPROVAL
2	FEB 19–25	ISSUED FOR APPROVAL
1	JAN 15–25	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 4-STOREY APARTMENT BUILDING
83-91 SWEETLAND AVENUE
OTTAWA, ONTARIO

Drawing Title
SITE SERVICING PLAN

Engineer's Seal
LICENSED PROFESSIONAL ENGINEER
D.B. GRAY
17016502
APR 1–25
PROVINCE OF ONTARIO
NOT VALID UNLESS SIGNED & DATED

Drawn	D.B.G
H. Scale	1:100
V. Scale	
Date	DEC 12–24
Job No.	24123

Drawing No.
C-1
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