REFER TO NOTES, DETAILS & SCHEDULES ON DRAWINGS C-4 & C-5

LADY PELLATT

JOHN SEVIGNY C.E.T.
MANAGER (A), DEVELOPMENT REVIEW EAST
PLANNING, DEVELOPMENT & BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

APPROVED
By sevignyjo at 2:10 pm, May 22, 2024

NOELLA LECLAIR WAY

5m
0m
25m

EXIST. ST MH
TOP ±88.64
INV ±83.48(SE)
INV ±83.23(NE)
INV ±83.17(NW)

EXISTING 1200 CONC ST @ ±0.30%

EXISTING 375 PVC SAN @ ±0.18%

EXISTING 200 PVC WM

APPROXIMATE EXTENT OF ROAD CUT REINSTATEMENT IN ACCORDANCE WITH CITY OF OTTAWA DRAWING No. R10

EXIST. CB
TOP 88.33
INV ±86.95

EXISTING 1050 CONC ST @ ±0.16%

45° VERTICAL BEND

EXISTING 375 PVC SAN @ ±0.19%

EXIST. ST MH
TOP ±88.41
INV ±83.39(NE)
INV ±83.35(SW)

EXIST. SAN MH
TOP ±88.46
INV ±84.41(SW)
INV ±84.39(NE)

APPROXIMATE EXTENT OF ROAD CUT REINSTATEMENT IN ACCORDANCE WITH CITY OF OTTAWA DRAWING No. R10

EXIST. CB
TOP 88.16
INV ±86.78

22.5° VERTICAL BEND

45° VERTICAL BEND

EXISTING 300 PVC WM

EXIST. ST MH
(±35m NE)
TOP ±88.26
INV ±83.64(E)
INV ±83.57(SW)

EXISTING 1050 CONC ST @ ±0.32%

EXISTING 375 PVC SAN @ ±0.21%

EXIST. SAN MH
TOP ±88.72
INV ±84.62(NW)
INV ±84.55(NE)

EXISTING 300 PVC WM

EXISTING 200 PVC WM

EXISTING 825 CONC ST @ ±0.31%

A+00.0

EXIST. CB
TOP 88.33
INV ±86.95

MH-23
TOP 88.47
INV 87.20(SW)
INV 86.29(SE)
INV 86.29(NE)
ICD IN OUTLET PIPE

EXIST. CB
TOP 88.16
INV ±86.78

REMOVE EXISTING COVER, FRAME AND ADJUSTMENT RINGS. RELOCATE CATCH-BASIN. MAKE WATERTIGHT CONNECTION. INSTALL NEW ADJUSTMENT RINGS, FRAME AND COVER. FRAME AND COVER IN ACCORDANCE WITH CITY OF OTTAWA DRAWING No. S19.

OGS MH-24
TOP 88.46
INV 86.04(SW)
INV 85.80(NW)

CB/MH-21
TOP 88.58
INV 87.53

150 PVC WS

250 @ 2% PVC ST

28.7m

VB

±1m

CB/MH-22
TOP 88.58
INV 87.30(SW)
INV 87.30(NE)

FDC

FH-A TO FDC ±15m
UNOBSTRUCTED DISTANCE

MH-SA.2
TOP 88.69
INV 87.48(SW)
INV 86.62(SE)
INV 86.61(NW)

A+13.7

INV 85.63

PROPOSED 6-STOREY APARTMENT BUILDING A

FFL = 89.56
BFL = 86.41
USF = 86.11

BASEMENT PLUMBING FIXTURES INCLUDING GARAGE FLOOR DRAINS SUMP & PUMP DISCHARGE TO SANITARY BUILDING DRAIN AT HIGH LEVEL IN BASEMENT
(REFER TO MECHANICAL)

EXHAUST

TRANSFORMER

C+00.0

TRENCH DRAIN TO STORM DRAIN
(REFER TO MECHANICAL)

3m-150 SUB-DRAINS (TYPICAL)

CB-19
TOP 88.40
INV 87.35

22.5° VERTICAL BEND

3m-150 SUB-DRAINS (TYPICAL)

C+15.2

CB/MH-18
TOP 88.58
INV 87.39(SE)
INV 87.39(NE)

MH-20
TOP 88.63
INV 87.22(SW)
INV 86.37(SE)
INV 86.37(NW)

MH-15B
TOP 88.58
INV 86.81(SW)
INV 86.41(SE)
INV 86.41(NW)

APPROXIMATE EXTENT OF ROAD CUT REINSTATEMENT IN ACCORDANCE WITH CITY OF OTTAWA DRAWING No. R10

FH+00.0

VB

FH-B

EXIST. CB
TOP 88.31
INV ±86.93

RELOCATE

CB-14
TOP 88.43
INV 87.38

22.5° VERTICAL BEND

66 - HYDROSTOR HS180 CHAMBERS C/W 525 HDPE ACCESS PIPES

MH-15A
TOP 88.63
INV 86.81(SW)
INV 86.42(SE)
INV 86.42(NW)

APPROXIMATE EXTENT OF ROAD CUT REINSTATEMENT IN ACCORDANCE WITH CITY OF OTTAWA DRAWING No. R10

CB/MH-17
TOP 88.58
INV 87.46(S)
INV 87.46(NW)

MH-13
TOP 88.69
INV 87.22(SE)
INV 86.81(SW)
INV 86.43(NW)

C+44.7

CB-16
TOP 88.58
INV 87.53

C+49.1

FDC

FH-B TO FDC ±40m
UNOBSTRUCTED DISTANCE

TRENCH DRAIN TO STORM DRAIN
(REFER TO MECHANICAL)

3m-150 SUB-DRAINS (TYPICAL)

CB-11
TOP 88.40
INV 87.35

PROPOSED 6-STOREY APARTMENT BUILDING B

FFL = 89.56
BFL = 86.41
USF = 86.11

BASEMENT PLUMBING FIXTURES INCLUDING GARAGE FLOOR DRAINS SUMP & PUMP DISCHARGE TO SANITARY BUILDING DRAIN AT HIGH LEVEL IN BASEMENT
(REFER TO MECHANICAL)

EXHAUST

22.5° VERTICAL BEND

20m - 250 PVC ST @ 2%

INV 85.81

B+14.8

B+00.0

CB-2
TOP 88.82
INV 87.77

CB-3
TOP 88.78
INV 87.73

CB-4
TOP 88.76
INV 87.71

CB-5
TOP 88.73
INV 87.68

CB-6
TOP 88.70
INV 87.65

CB-7
TOP 88.69
INV 87.64

APPROXIMATE EXTENT OF ROAD CUT REINSTATEMENT IN ACCORDANCE WITH CITY OF OTTAWA DRAWING No. R10

150 PVC WS

VB

CB-1
TOP 88.58
INV 87.53

MH-SA.1
TOP 88.73
INV 86.92

CB-10
TOP 88.58
INV 87.53

EXIST. ST MH
TOP ±88.78
INV ±83.84

MH-9
TOP 88.99
INV 87.52(NW)
INV 87.52(NE)

22.5° VERTICAL BEND

22.5° VERTICAL BEND

22.5° VERTICAL BEND

22.5° VERTICAL BEND

22.5° VERTICAL BEND

22.5° VERTICAL BEND

CB-8
TOP 88.58
INV 87.53

MH-12
TOP 88.77
INV 87.48(NE)
INV 87.33(SW)
INV 87.32(NW)

LEGEND

FFL	FINISHED FLOOR ELEVATION
BFL	BASEMENT FLOOR ELEVATION
USF	UNDERSIDE OF FOOTING
	PROPERTY LINE
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
x99.99	EXISTING GRADE ELEVATION
	150mm BARRIER CURB

A	250 ST INV 87.68 375 ST SPL 87.68	
B	250 ST INV 87.65 375 ST SPL 87.65	
C	250 ST INV 87.63 375 ST SPL 87.63	
D	250 ST INV 87.60 375 ST SPL 87.60	
E	250 ST INV 87.57 375 ST SPL 87.57	
F	250 ST INV 87.56 375 ST SPL 87.56	
G	250 ST SPL 87.54 375 ST SPL 87.54	
H	250 ST SPL 87.46 375 ST SPL 87.46	
I	250 ST INV 86.59 375 ST SPL 86.59	
J	250 ST INV 86.56 450 ST SPL 86.56	
K	INV 87.08	
L	375 ST INV 87.30 150 SAN OBV 87.15	
M	150 SAN SPL 87.01 200 SAN SPL 87.01	
N	INV 87.63	
O	150 SAN INV 87.54 450 ST TOP 86.84	
P	300 WM INV ±85.66 250 ST OBV 85.41	
Q	250 ST INV 84.97 375 SAN OBV ±84.72	
R	250 ST OBV 84.50 1050 ST OBV ±84.50	
S	200 SAN INV 86.46 300 WM OBV ±85.96	
T	200 SAN INV 84.53 375 SAN SPL ±84.53	
U	200 WM INV ±86.09 250 ST OBV 85.76	
V	250 ST OBV 84.65 825 ST OBV ±84.65	
W	250 ST INV 87.50 250 ST OBV 85.82	
X	200 WM INV ±85.86 250 ST OBV 85.61	
Y	250 ST INV 85.29 375 SAN OBV ±84.89	
Z	250 ST OBV 84.33 1050 ST OBV ±84.33	

CB-1	TO	MH-9	2.1m - 250 PVC ST @ 0.432% C/W INSULATION 100mm THICK
CB-2	TO	A	2.1m - 250 PVC ST @ 0.432% C/W INSULATION 100mm THICK
CB-3	TO	B	2.1m - 250 PVC ST @ 0.432% C/W INSULATION 100mm THICK
CB-4	TO	C	2.1m - 250 PVC ST @ 0.432% C/W INSULATION 100mm THICK
CB-5	TO	D	2.1m - 250 PVC ST @ 0.432% C/W INSULATION 100mm THICK
CB-6	TO	E	2.1m - 250 PVC ST @ 0.432% C/W INSULATION 100mm THICK
CB-7	TO	F	2.1m - 250 PVC ST @ 0.432% C/W INSULATION 100mm THICK
CB-8	TO	G	2.1m - 250 PVC ST @ 6% C/W INSULATION 100mm THICK
MH-9	TO	MH-12	76.8m - 375 PVC ST @ 0.25% C/W INSULATION 100mm THICK
CB-10	TO	MH-12	12m - 250 PVC ST @ 0.432% C/W INSULATION 100mm THICK
CB-11	TO	H	3.9m - 250 PVC ST @ 0.432% C/W INSULATION 100mm THICK
MH-12	TO	MH-13	39.2m - 375 PVC ST @ 0.25% C/W INSULATION 100mm THICK
MH-13	TO	MH-15A	2.3m - 375 PVC ST @ 0.25%
CB-14	TO	I	3m - 250 PVC ST @ 0.45% C/W INSULATION 100mm THICK
MH-15A	TO	MH-15B	2.3m - 375 PVC ST @ 0.25%
MH-15B	TO	MH-20	16.4m - 375 PVC ST @ 0.25%
CB-16	TO	CB/MH-17	16.1m - 250 PVC ST @ 0.432% C/W INSULATION 100mm THICK
CB/MH-17	TO	CB/MH-18	19.8m - 300 PVC ST @ 0.34% C/W INSULATION 100mm THICK
CB/MH-18	TO	CB/MH-20	68m - 375 PVC ST @ 0.25% C/W INSULATION 100mm THICK
CB-19	TO	J	4m - 250 PVC ST @ 0.432% C/W INSULATION 100mm THICK
MH-20	TO	CB/MH-23	37.9m - 450 CONC ST @ 0.195% C/W INSULATION 50mm THICK
CB/MH-21	TO	CB/MH-22	51.7m - 250 PVC ST @ 0.432% C/W INSULATION 100mm THICK
CB/MH-22	TO	CB/MH-23	22.7m - 250 PVC ST @ 0.432% C/W INSULATION 100mm THICK
CB/MH-23	TO	MH-24	4.2m - 250 PVC ST @ 6.15%
MH-24	TO	R	15.5m - 250 PVC ST @ 6.15%
K	TO	M	14.2m - 150 PVC SAN @ 1% C/W INSULATION 50mm THICK
MH-SA.1	TO	MH-SA.2	93.5m - 200 PVC SAN @ 0.32% C/W INSULATION 50mm THICK
N	TO	MH-SA.2	15.2m - 150 PVC SAN @ 1% C/W INSULATION 100mm THICK
MH-SA.2	TO	T	16.5m - 200 PVC SAN @ 1.11% C/W INSULATION 50mm THICK

No.	DATE	REVISION
5	APR 16-24	RE-ISSUED FOR APPROVAL
4	MAR 22-24	RE-ISSUED FOR APPROVAL
3	DEC 15-23	RE-ISSUED FOR APPROVAL
2	JUN 28-23	ISSUED FOR APPROVAL
1	JUN 26-23	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 APARTMENT BUILDINGS
1001 NOELLA LECLAIR WAY
OTTAWA, ONTARIO

Drawing Title
SITE SERVICING PLAN

Engineer's Seal
LICENSED PROFESSIONAL ENGINEER
D.B. GRAY
17016502
APR 16-24
PROVINCE OF ONTARIO
NOT VALID UNLESS SIGNED & DATED

Drawn	D.B.G
H. Scale	1:250
V. Scale	
Date	JUN 12-23
Job No.	22068

Drawing No.
C-1
of 6

D07-12-23-0095

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