EXIST. ST MH
TOP 86.55

CIMH-4
ITOP 87.84
NLET 87.69
INV 85.16(E)
INV 85.16(SW)

SUBDRAIN
(TYPICAL)

2.3m – 2
ST @ 0.

250 ST SPL 85.3
250 ST SPL 85.3

No. 4405

OBC COMPLIANT
LANDING AND RAMP

LAMP
POST

24.3m – 300 PVC ST @ 0.432%

TREE
PLANT

3BICYCLE
SPOTS
0.6X1.8M

LOT 113
PIN 14520–0157

PART EXIST. 1500 ST 3766

PIN 14520

SUBDRAINS
(TYPICAL)

150 ST SPL 85.19
300 ST SPL 85.19

CBMH-5
TOP 87.57
INV 85.05(NE)
INV 85.05(SW)
ICD IN OUTLET PIPE
PLUG STYLE C/W
TRASH BASKET
MANUFACTURED BY
PEDRO PLASTICS OR
APPROVED EQUIVALENT
17.07L/s @ 2.67m
(±70mm DIA.)
ORIFICE LOCATED AT
BOTTOM OF PLUG

LOT A

INV=87.32

PIN

FFL = 88.07
TOF = 88.22
USF = ±86.57

22.5° BEND

15.4m – 300 PVC ST @ 0.34%

24m – 150 PVC ST @ 2%

ST INV 85.60

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.

EXIST. ST MH
TOP 86.86
INV ±83.62(SE)

OGS MH-6
TOP 87.92
INV 84.99(NE)
INV 84.98(SW)

THE JOB BENCHMARK IS
BELIEVED TO HAVE BEEN
DISTURBED. ESTABLISH
A NEW JOB BENCHMARK.

JOB BENCHMARK
MAG NAIL SET IN NORTH
FACE OF UTILITY POLE
ELEVATION = 87.35

7.6m – 300 PVC
ST @ 1.5%

300 ST OBV 85.16
1500 ST OBV ±85.16

PART 3, 50R–6725

PART 4, 50R–6725

PART 1, 4R–19119

PIN 14520–0242

PART 2, 4R–19119

200mm WAS
SAMPLING/INS
CHAMBER IN AC
WITH CITY OF
DRAWING No

BUS SHELTER PAD

LOADING BUS PAD

EXIST. CI

EXIST. TWIN CI

EXIST. CI

EXIST. SAN MH
TOP 87.52
INV ±85.47

EXIST. 1500 CONC ST @ ±0.4%

EXIST. 600 DI WM

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

INNES ROAD

GV

EXIST. ST MH
TOP 87.58
INV ±83.73(NW)

2m

0

10m

REFER TO NOTES & DETAILS
ON DRAWING No. C–10 & C–11

LEGEND

FFL	FINISHED FLOOR ELEVATION
TOF	TOP OF FOUNDATION
USF	UNDERSIDE OF FOOTING
— · · —	PROPERTY LINE
CB	CATCH BASIN
CI	CURB INLET
MH	STORM MANHOLE
MH	SANITARY MANHOLE
FH	FIRE HYDRANT
CS	CURB STOP & SERVICE POST
VB	VALVE & VALVE BOX
SAN	SANITARY SEWER
ST	STORM SEWER
WS/WM	WATER SERVICE/WATERMAIN
OBV	OBVERT
SPL	SPRINGLINE
INV	INVERT
US	UNDERSIDE

KEY PLAN

No.	DATE	REVISION
2	DEC 16–25	RE–ISSUED FOR APPROVAL
1	JUL 15–25	ISSUED FOR APPROVAL

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

Project
PROPOSED 2–STOREY
MEDICAL FACILITY
4405–4409 INNES ROAD
OTTAWA, ONTARIO

Drawing Title
SITE SERVICING PLAN
(WEST)

Engineer's Seal
LICENSED PROFESSIONAL ENGINEER
D.B. GRAY
17016502
DEC 16–25
PROVINCE OF ONTARIO
NOT VALID UNLESS
SIGNED & DATED

Drawn	D.B.G
H. Scale	1:100
V. Scale	
Date	JUL 15–25
Job No.	25061

Drawing No.
C–2
of 12

Plan #17487 File No. D07–12–25–0099

CIMH-4
ITOP 87.84
NLET 87.69
INV 85.16(E)
INV 85.16(SW)

CI-2
TOP 87.86
INLET 87.71
INV 85.27

SUBDRAIN (TYPICAL)

2.3m – 250 PVC ST @ 0.432%

42.1m – 250 PVC ST @ 0.432%

250 ST SPL 85.39
250 ST SPL 85.39

CBMH-3
TOP 87.64
INV 85.34(S)
INV 85.34(W)

11.2m – 250 PVC ST @ 0.432%

SUBDRAINS (TYPICAL)

CB-1
TOP 87.64
INV 85.39

OBC COMPLIANT LANDING AND RAMP

TREE PLANT

3BICYCLE SPOTS 0.6X1.8M

PIN 14520 – 0245

PIN 14520 – 0226

INV=87.32

FFL = 88.07
TOF = 88.22
USF = ±86.57

WELL
LID=88.50

CONCESSION 11

PVC ST @ 2%

ST INV 85.60

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.

CONSTRUCT WATER SERVICE AS A SINGLE RUN OF PIPE WITH NO JOINTS OR FITTINGS BETWEEN THE CURB STOP AND THE INSIDE FACE OF THE BUILDING

C+19.2

SAN INV 85.72

C+04.5

C+14.2

2m

C+06.7

1.4m

1.4m

CS

A+17.5
C+00.0

A+15.6
B+00.0

VB

150 PVC WM

FH

50 PEX WS

PART 3, 50R-6725

PART 4, 50R-6725

PART 2, 4R-1919

200mm WASTEWATER SAMPLING/INSPECTION CHAMBER IN ACCORDANCE WITH CITY OF OTTAWA DRAWING No. S18.1

BP

N 14520-0244

UP

BUS SHELTER PAD

LOADING BUS PAD

11.9m – 150 PVC SAN @ 2%

150 PVC WM

MH-B

A+08.4

A+07.8

A+06.8

A+05.8

A+05.1

A+00.0

EXIST. CI

EXIST. ±105.3m – 250 PVC SAN @ ±0.5%

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.

EXIST. CI

EXIST. SAN MH
TOP 87.52
INV ±85.47

250 SAN INV 85.48
250 SAN SPL ±85.48

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

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

EXIST. 600 DI WM

VB

INNES ROAD

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

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

GV

N

2m

0

10m

REFER TO NOTES & DETAILS ON DRAWING No. C–11 & C–12

LEGEND

FFL	FINISHED FLOOR ELEVATION
TOF	TOP OF FOUNDATION
USF	UNDERSIDE OF FOOTING
— · · —	PROPERTY LINE
CB	CATCH BASIN
CI	CURB INLET
MH	STORM MANHOLE
MH	SANITARY MANHOLE
FH	FIRE HYDRANT
CS	CURB STOP & SERVICE POST
VB	VALVE & VALVE BOX
SAN	SANITARY SEWER
ST	STORM SEWER
WS/WM	WATER SERVICE/WATERMAIN
OBV	OBVERT
SPL	SPRINGLINE
INV	INVERT
US	UNDERSIDE

KEY PLAN

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Project
PROPOSED 2–STOREY MEDICAL FACILITY
4405–4409 INNES ROAD
OTTAWA, ONTARIO

Drawing Title
SITE SERVICING PLAN
(EAST)

Engineer's Seal
LICENSED PROFESSIONAL ENGINEER
D.B. GRAY
17016502
DEC 16–25
PROVINCE OF ONTARIO
NOT VALID UNLESS SIGNED & DATED

Drawn	D.B.G
H. Scale	1:100
V. Scale	
Date	JUL 15–25
Job No.	25061

Drawing No.
C–3
of 12

Plan #17487 File No. D07–12–25–0099