REFER TO NOTES, DETAILS & SCHEDULES ON DRAWINGS C–11 & C–12

5m
0m 1:200 25m

N

Edge of Asphalt

Metal Sided Garage

C–Can C–Can C–Can C–Can C–Can C–Can

Frame Shed

C–Can C–Can C–Can

STORMWATER DETENTION AREA

INV 67.28

2m x 2m RIP–RAP

3m–150 SUBDRAIN (TYPICAL)

CB–6
TOP 68.53
INV 67.25

18.3m – 250 PVC ST @ 0.43%
INSULATION 75mm THICK, 2.4m WIDE

CB/MH–7
TOP 68.53
INV 67.20(W)
INV 67.20(NE)

CB–8
TOP 68.53
INV 67.16

16.5m – 250 PVC ST @ 0.43%
INSULATION 75mm THICK, 2.4m WIDE

14.4m – 250 PVC ST @ 0.43%
INSULATION 75mm THICK, 2.4m WIDE

9.8m – 250 PVC ST @ 0.43%
INSULATION 75mm THICK, 2.4m WIDE

CB/MH–9
TOP 68.53
INV 66.96(S)
INV 66.96(W)

450 ST SPL 67.17
250 ST INV 67.17

450 ST SPL 67.14
250 ST INV 67.14

93.0m – 450 CONC ST @ 0.195%
EDGE OF ASPHALT

INSULATION 75mm THICK, 2.4m WIDE

INSULATION 50mm THICK, 1.8m WIDE

450 ST SPL 67.11
250 ST INV 67.11

CB–SAN.4
TOP 68.83
INV 66.58

6.1m – 250 PVC SAN @ 1%

SAN INV 66.52
(REFER TO MECHANICAL)

BOLLARDS (TYPICAL)

36.4m – 250 PVC ST @ 0.43%
INSULATION 100mm THICK, 3.0m WIDE

6.3m – 250 PVC ST @ 0.43%

CB–4
TOP 68.58
INV 67.09

250 ST INV 67.06
250 ST INV 67.06

INSULATION 100mm THICK, 3.0m WIDE

PROPOSED BUILDING FLAT ROOF
FFL = 69.03
TOF = 69.18
BFL = 64.76
USF = 64.21

ICD IN OUTLET PIPE PLUG STYLE 62.72L/s @ 1.97m (145mm DIA.) ORIFICE LOCATED AT BOTTOM OF PLUG

MH–12
TOP 68.79
INV 66.69(E)
INV 66.69(W)

CB/MH–5
TOP 68.53
INV 67.12

ST INV 62.60
(REFER TO MECHANICAL)

CB–1
TOP 64.70
INV 62.65

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

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

300 ST INV 67.15
300 ST INV 67.15

ST INV 67.25

2.6m – 250 PVC ST @ 2%

CB–2
TOP 68.05
INV 67.20

20.3m – 300 PVC ST @ 0.40%

4.9m – 300 PVC ST @ 2%

DISPLAY BERM

9.0m ROW PROTECTION

HEATED RAMP

59.3m – 300 PVC ST @ 0.37%

11.25° BEND

AT BEGINNING OF CONSTRUCTION DETERMINE INVERT ELEVATION AND PIPE SIZE & MATERIAL OF EXISTING CB OUTLET PIPE. NEW CB OUTLET PIPE & INVERT TO MATCH EXISTING

EXISTING 250 PVC ST

CB–27
TOP 68.34
INV UNKNOWN

MH–3
TOP 68.93
INV 67.12(N)
INV 67.11(S)

3.2m (MIN. 2m)

EXISTING 200 PVC WM

EXISTING 250 PVC SAN @ ±0.63%

EXISTING 250 PVC SAN @ ±0.65%

EXISTING MH
TOP 68.95
INV ±65.62(N)
INV ±65.77(S)

EXISTING 250 PVC SAN @ ±0.38%

REPLACE WM AS PER STANDARD DETAIL W

525 ST U/S
200 WM TOP
525
250 SA

EXISTING 750 CONC ST @ ±0.41%

EXISTING MH
TOP 68.45
INV ±65.16(N)
INV ±65.17(S)

EXISTING CB
TOP 68.32

EXISTING CB
TOP 68.69

EXISTING MH
TOP 68.80
INV ±66.30(N)
INV ±66.34(S)

EXISTING 600 CONC ST @ ±0.36%

Site Benchmark
Fire Hydrant
Top of Spindle
Elevation=69.42

LAGAN WAY
(FORMERLY TRIOLE STREET)

LEGEND

FFL	FIRST FLOOR ELEVATION
TOF	TOP OF FOUNDATION
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
CS	CURB STOP & STANDPOST
VB	VALVE & VALVE BOX
M	WATER METER
R	REMOTE WATER METER
SAN	SANITARY SEWER
ST	STORM SEWER
WS/WM	WATER SERVICE/WATERMAIN
SPL	SPRINGLINE OF PIPE
INV	INVERT OF PIPE
	CENTERLINE OF SWALE
	150mm BARRIER CURB
D.C	DEPRESSED CURB
	ROAD CUT REINSTATEMENT

KEY PLAN

No.	DATE	REVISION
3	APR 7–26	RE–ISSUED FOR APPROVAL
2	DEC 16–25	ISSUED FOR APPROVAL
1	NOV 13–25	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 DICKIE MOORE RENTALS PROPERTY REDEVELOPMENT
1547 LAGAN WAY
OTTAWA, ONTARIO

Drawing Title
SITE SERVICING PLAN
(NORTH AREA STORM)

Engineer's Seal
LICENSED PROFESSIONAL ENGINEER
D.B. GRAY
17016502
APR 7–26
PROVINCE OF ONTARIO
NOT VALID UNLESS SIGNED & DATED

Drawn	D.B.G
H. Scale	1:200
V. Scale	
Date	NOV 13–25
Job No.	24022

Drawing No.
C–2
of 13