REMOVE EXISTING LID, FRAME, ADJUSTMENT RINGS AND TOP RISER. INSTALL NEW CONCRETE RISER AND ADJUSTMENT RINGS AS NECESSARY TO ACHIEVE TOP ELEVATION INDICATED.

RELOCATE EXISTING CB-6 TOP 87.51 NEW TOP 87.39 INV ±86.15

MACHINE CORE DRILL INTO EXISTING CATCHBASIN, MAINTAIN STRUCTURAL INTEGRITY OF CATCHBASIN. MAKE WATERTIGHT CONNECTION

CB-L TOP 87.67

CB-T TOP 87.55

14.6m – 250 PERF. HDPE SUB-DRAIN

20.1m – 250 PERF. HDPE SUB-DRAIN

3.2m – 200 PVC ST @ 1.2%

EXISTING 200 DI WM (APPROXIMATE LOCATION)

EXISTING 200 PVC ST @ ±1.2%

A+03.9

CB-L TOP 87.89

CB-T TOP 87.75

15.6m – 250 PERF. HDPE SUB-DRAIN

24.6m – 250 PERF. H

FH

150 PVC WS

A+00.0

RELOCATE FH

VC TOP 88.05

VB (APPROXIMATE LOCATION)

EXISTING 200 DI WM (APPROXIMATE LOCATION)

EXISTING CB/MH-6 TOP ±87.55 INV ±85.89(E) INV ±85.78(SE) INV ±85.55(SW)

EXISTING 200 PVC ST @ ±1%

EXISTING CB-4 TOP 87.55 INV ±86.18

EXISTING EX. CB-5 TOP 88.02 NEW TOP 87.95 INV ±86.41

REMOVE EXISTING LID, FRAME, ADJUSTMENT RINGS AND TOP RISER. INSTALL NEW CONCRETE RISER AND ADJUSTMENT RINGS AS NECESSARY TO ACHIEVE TOP ELEVATION INDICATED.

RELOCATE EXISTING CB-7 TOP 87.53 NEW TOP 87.38 INV ±86.15

2.5m – 200 PVC ST @ 1%

EXISTING 200 PVC ST @ ±1%

EXISTING 300 PVC ST @ ±0.34%

REMOVE EXISTING ICD LOCATED IN OUTLET PIPE OF EXISTING CB/MH-5 AND REPLACE WITH A NEW ICD. THE NEW ICD SHALL BE A PLUG STYLE WITH A ROUND ORIFICE (LOCATED AT THE BOTTOM OF THE PLUG) MANUFACTURED BY PEDRO PLASTICS (OR APPROVED EQUAL) AND SIZED BY THE MANUFACTURER FOR A DISCHARGE RATE OF 56.30 L/s @ 2.22m HEAD (±133mm DIA.). PRIOR TO INSTALLATION SUBMIT SHOP DRAWING TO ENGINEER FOR APPROVAL.

EXISTING 250 PVC ST @ ±0.50%

EXISTING EX. CB/MH-6 TOP 87.97 NEW TOP 87.95 INV ±86.34(NE) INV ±86.34(SE)

EXISTING 300 PVC ST @ ±0.50%

RELOCATE FH

EXISTING FH (APPROXIMATE LOCATION)

FH

150 PVC WS

B+01.3

B+00.0

EXISTING 200 DI WM (APPROXIMATE LOCATION)

EXISTING CB/MH-5 TOP 87.52 INV ±85.45(NE) INV ±85.78(SE) INV ±85.45(SW) ICD IN OUTLET PIPE

EXISTING 200 PVC ST @ ±1%

EXISTING CB-5 TOP 87.58 INV ±86.18

EXISTING 300 PVC ST @ ±0.34%

EXISTING DI TOP 86.94

MH-A (OGS) TOP ±87.86 INV ±85.39(NE) INV ±85.39(SW)

EXISTING MH (APPROXIMATE LOCATION) INV ±85.35(NE) INV ±84.97(NW) INV ±84.97(SE)

EXISTING DI TOP 87.18

EXISTING MH (APPROXIMATE LOCATION) INV ±85.02(S)

EXISTING 375 PVC ST @ ±0.25% (APPROXIMATE LOCATION)

EXISTING 375 PVC ST @ ±0.25% (APPROXIMATE LOCATION)

EXISTING CB TOP 87.76

EXISTING MH INV ±84.85(NW) TOP ±87.89 INV ±84.71(SE)

EXISTING 525 PVC ST @ ±0.34% (APPROXIMATE LOCATION)

EXISTING MH (APPROXIMATE LOCATION) INV ±85.50

EXIST. 250 PVC SAN @ ±0.30% (APPROX. LOCATION)

EXISTING 300 PVC WM (APPROXIMATE LOCATION)

EXISTING MH TOP 87.87 INV ±84.28(NW) INV ±84.26(SE)

PROVIDE UNIT COSTS TO REMOVE AND REPLACE A CATCH BASIN.

REFER TO NOTES, DETAILS & SCHEDULES ON DRAWING C-6 & C-7

ROYDON PLACE

BLOCK 9 0.30 RESERVE

PART 4 PLAN 4R-11472

PART 3 PLAN 4R-11472

PART 2

PART 1 PLAN 4R-11472

PART 29

CONCESSION

4M-720

PIN 04052 -0413 (LT)

PIN 04052 -0783 (LT)

PIN 04052 -0782A (LT)

PIN 04052

PIN 04052

PART 1 PLAN 4R-6927

SUBJECT TO EASEMENT INST. LT629659 AND LT629660

PLAN 4R-16932

LOT

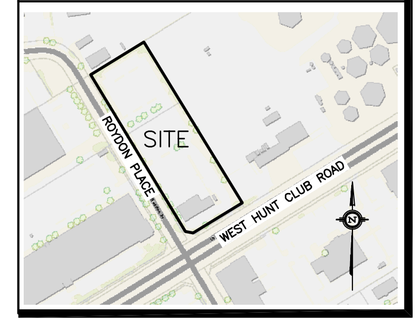
PART

PLAN

LEGEND

- PROPERTY LINE
- CB — CATCH BASIN
- MH — STORM MANHOLE
- CB/MH — CATCH BASIN/MANHOLE
- MH — SANITARY MANHOLE
- VC — VALVE CHAMBER
- FH — FIRE HYDRANT
- VB — VALVE & VALVE BOX
- 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

KEY PLAN



No.	DATE	REVISION
6	MAY 21-26	RE-ISSUED FOR APPROVAL
5	APR 23-26	RE-ISSUED FOR APPROVAL
4	MAR 18-26	ISSUED FOR CONSTRUCTION
3	FEB 19-26	RE-ISSUED FOR APPROVAL
2	OCT 28-25	ISSUED FOR APPROVAL
1	SEP 25-25	ISSUED FOR CLIENT REVIEW

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 PARKING LOT MODIFICATIONS
95-123 ROYDON PLACE
OTTAWA, ONTARIO

Drawing Title

SITE SERVICING PLAN
(NORTH AREA)

Engineer's Seal

LICENSED PROFESSIONAL ENGINEER
D.B. GRAY
17016502
MAY 21-26
PROVINCE OF ONTARIO
NOT VALID UNLESS SIGNED & DATED

Drawn	D.B.G
H. Scale	1:200
V. Scale	
Date	SEP 25-25
Job No.	25080

Drawing No.
C-2
of 8

Plan #19411 File No. D07-12-25-0147