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

100 YEAR POND ELEVATION: 87.74

5 YEAR POND ELEVATION: 87.68

RELOCATE EXISTING CB–6 TOP 87.51 NEW TOP 87.39

CB–L TOP 87.67

CB–T TOP 87.55

CB–L TOP 87.89

CB–T TOP 87.75

PIN 04052

2m 0m 1:200 10m

88.04 87.94 87.82 87.80 87.78 87.76 87.81 150mm CONCRETE GUTTER CURB (TYP.) 87.88 87.93 87.98 87.92 88.00 FH 88.24 88.20 150mm CONCRETE GUTTER CURB (TYP.)

REMOVE EXISTING CONCRETE CURB

VC TOP 88.05

T.O.W = 88.04
B.O.W = 87.65
HEIGHT = 0.39m

EXISTING PAVEMENT TO REMAIN

100 YEAR POND ELEVATION: 87.74

5 YEAR POND ELEVATION: 87.68

RECONSTRUCTED PAVEMENT TO MEET EXISTING PAVEMENT

EXISTING CB–4 TOP 87.55

EXISTING EX. CB–5 TOP 88.02 NEW TOP 87.95

EXISTING CB/MH–6 TOP ±87.55

150mm CONCRETE GUTTER CURB (TYP.)

REMOVE EXISTING CONCRETE CURB

RECONSTRUCTED PAVEMENT TO MEET REHABILITATED PAVEMENT

REMOVE EXISTING CONCRETE GUTTER CURB (TYP.)

5 YEAR POND ELEVATION: 88.09

100 YEAR POND ELEVATION: 88.15

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

T.O.W = 88.04
B.O.W = 87.47
HEIGHT = 0.57m

THE RETAINING WALL DESIGN SHALL BE BY OTHERS

EXISTING CB/MH–5 TOP 87.52

EXISTING FH (APPROXIMATE LOCATION)

EXISTING CB–5 TOP 87.58

4.8m x 18m GEOTEXTILE MUD MAT

EXISTING EX. CB/MH–6 TOP 87.97 NEW TOP 87.95

T.O.W = 88.04
B.O.W = 87.32
HEIGHT = 0.72m

T.O.W = 87.30
B.O.W = 87.30
HEIGHT = 0.00m

EXISTING DI TOP 86.94

MH–A (OGS) TOP ±87.86

CONSTRUCTION ENTRANCE

EXISTING DI TOP 87.18

EXISTING MH (APPROXIMATE LOCATION)

CONSTRUCT NEW SIDEWALK AND CURB RAMPS IN ACCORDANCE WITH CITY OF OTTAWA DRAWING No. SC1.4

EXISTING CB TOP 87.76

CONSTRUCT NEW CURB & SIDEWALK IN ACCORDANCE WITH CITY OF OTTAWA DRAWING No. SC1.4

DEDICATED AS PUBLIC HIGHWAY BY BY–LAW 2011–373, INST. OC13

CONSTRUCT NEW SIDEWALK AND CURB RAMPS IN ACCORDANCE WITH CITY OF OTTAWA DRAWING No. SC1.4 & SC7.1

EXISTING MH TOP ±87.89

EXISTING MH TOP 87.87

ROYDON PLACE

BLOCK 9 0.30 RESERVE

PART 4 PLAN 4R–11472

PART 3 PLAN 4R–11472

PART 1 PLAN 4R–11472

4M–720

PRIOR TO COMMENCEMENT OF CONSTRUCTION INSTALL SEDIMENT CAPTURE FILTER SOCK INSERTS AT ALL CATCH BASINS AND CATCH BASIN / MANHOLES WITHIN AND ADJACENT TO THE SITE AND AT ANY MANHOLES OR CATCH BASINS THAT WILL RECEIVE DISCHARGE FROM DE–WATERING OPERATIONS AND ALL NEW CATCH BASINS AS THEY ARE INSTALLED.

ANY MATERIAL DEPOSITED ON A PUBLIC ROAD SHALL BE REMOVED BY SWEEPING AND SHOVELING OR VACUUMING AND DISPOSING SEDIMENT IN A CONTROLLED AREA. DO NOT SWEEP OR HOSE MATERIAL INTO ANY STORMWATER CONVEYANCE SYSTEM.

2–YEAR STORM EVENT SURFACE PONDING ACKNOWLEDGEMENT

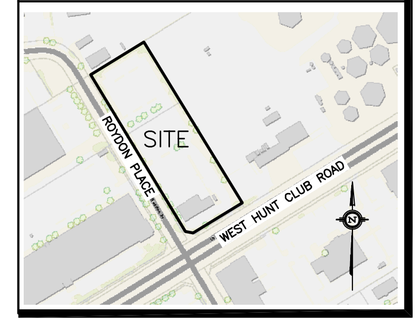
THE OWNER ACKNOWLEDGES AND AGREES THAT PORTIONS OF THE PARKING LOT ON THE SUBJECT LANDS HAVE BEEN DESIGNED TO PERMIT TEMPORARY SURFACE PONDING DURING THE 2–YEAR STORM EVENT AS PART OF THE APPROVED STORMWATER MANAGEMENT DESIGN FOR THE SITE. THE OWNER FURTHER ACKNOWLEDGES AND AGREES THAT SUCH PONDING IS A NORMAL AND ANTICIPATED CONDITION AND MAY RESULT IN TEMPORARY STANDING WATER, MORE FREQUENT PONDING CONDITIONS, AND TEMPORARY LIMITATIONS TO THE USE AND AVAILABILITY OF CERTAIN PARKING STALLS DURING AND FOLLOWING RAINFALL EVENTS. THE OWNER FURTHER ACKNOWLEDGES THAT THE STORMWATER MANAGEMENT MEASURES AND INLET CONTROL DEVICES INSTALLED ON THE SITE ARE INTENDED TO REGULATE STORMWATER RUNOFF AND CONTRIBUTE TO THESE PONDING CONDITIONS, AND THEREFORE SHALL REMAIN IN PLACE AND OPERATIONAL AT ALL TIMES UNLESS OTHERWISE APPROVED IN WRITING BY THE CITY.

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

LEGEND

- PROPERTY LINE
- CB — CATCH BASIN
- MH — STORM MANHOLE
- CB/MH — CATCH BASIN/MANHOLE
- MH — SANITARY MANHOLE
- VC — VALVE CHAMBER
- FH — FIRE HYDRANT
- 99.99 — EXISTING GRADE ELEVATION
- +99.99 — PROPOSED GRADE ELEVATION
- 2% — EXISTING SLOPE OF GRADE
- 2% — PROPOSED SLOPE OF GRADE
- EMERGENCY OVERLAND FLOW
- T.O.S — TOP OF SLOPE
- B.O.S — BOTTOM OF SLOPE
- CENTERLINE OF SWALE
- 150mm BARRIER CURB
- REHABILITATED ASPHALT PAVEMENT GRADES TO BE RAISED
- RECONSTRUCTED ASPHALT PAVEMENT
- NEW ASPHALT PAVEMENT
- LANDSCAPE

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

GRADING PLAN AND EROSION & SEDIMENT CONTROL 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–4
of 8

Plan #19411 File No. D07–12–25–0147