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LEGAL DESCRIPTION:
ALL OF LOTS 64 AND 70 AND
PART OF LOTS 55, 56, 57, 58, 59,
60 AND 71 OF THOLE STREET
AND PARTS OF THOLE STREET
(As Closed by Judge's Order Inst. LT1225616
and by By-Law 2004-21 Inst. OC3846499)

REGISTERED PLANNING
PREPARED BY
ANNIS OSULLIVAN, VOLEBERG ONTARIO
CITY OF OTTAWA
LAND SUPERVISORS
JANUARY 4, 2006

Civil Engineer:
CAPITAL ENGINEERING GROUP LTD.
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OWNER
REIMER PROPERTIES INC.

PROJECT
APEX MOTOR EXPRESS
TRUCK TERMINAL
1399 ST. LAURENT BLVD.
OTTAWA, ON.

DRAWING TITLE
GRADING AND
DRAINAGE PLAN

DATE
DEC 3, 2014

SCALE
1 : 500

PROJECT N°
1408

REVISION N°

DRAWING N°
G2

PROJECT NORTH

PROJECT N°
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ON SITE SWM - SURFACE AND STORM SEWER STORAGE

REQUIRED 5 YEAR RETENTION 130 m³

REQUIRED 100 YEAR RETENTION 780 m³

AVAILABLE STORAGE

STORM SEWERS AND MANHOLES 51 m³

AREA 1

PONDING AREA 1720 m²

100 YEAR PONDING DEPTH 0.27 m

STORAGE CAPACITY 155 m³

5 YEAR PONDING DEPTH 0.22 m

AREA 2

PONDING AREA 1540 m²

100 YEAR PONDING DEPTH 0.27 m

STORAGE CAPACITY 139 m³

5 YEAR PONDING DEPTH 0.22 m

AREA 3

PONDING AREA 1700 m²

100 YEAR PONDING DEPTH 0.27 m

STORAGE CAPACITY 155 m³

5 YEAR PONDING DEPTH 0.22 m

AREA 4

PONDING AREA 1540 m²

100 YEAR PONDING DEPTH 0.27 m

STORAGE CAPACITY 139 m³

5 YEAR PONDING DEPTH 0.22 m

AREA 5

PONDING AREA 820 m²

100 YEAR PONDING DEPTH 0.27 m

STORAGE CAPACITY 74 m³

5 YEAR PONDING DEPTH 0.22 m

AREA 6

PONDING AREA 1540 m²

100 YEAR PONDING DEPTH 0.27 m

STORAGE CAPACITY 139 m³

5 YEAR PONDING DEPTH 0.22 m

TOTAL AVAILABLE STORAGE CAPACITY 895 m³

CUMULATIVE OUTFLOW RATE 70 L/S

PAVEMENT DESIGN

LIGHT DUTY (HATCHED AREA)

GRANULAR B TYPE II

300 mm

GRANULAR A

100 mm

H/L3 OR SUPERPAVE 12.5

50 mm

HEAVY DUTY (ALL SURFACE AREAS EXCEPT HATCHED)

GRANULAR B TYPE II

450 mm

GRANULAR A

150 mm

H/L3 OR SUPERPAVE 19

50 mm

H/L3 OR SUPERPAVE 12.5

50 mm

BENCH MARK

TOP OF SPINDE OF EX FIRE HYDRANT

ELEVATION 70.23

AT END OF THOLE STREET - ELEVATION 70.23

REGISTERED PROFESSIONAL ENGINEER
ANNIS OSULLIVAN
MAY 1/15

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LEONARD KOFFMAN
MAY 1/15

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