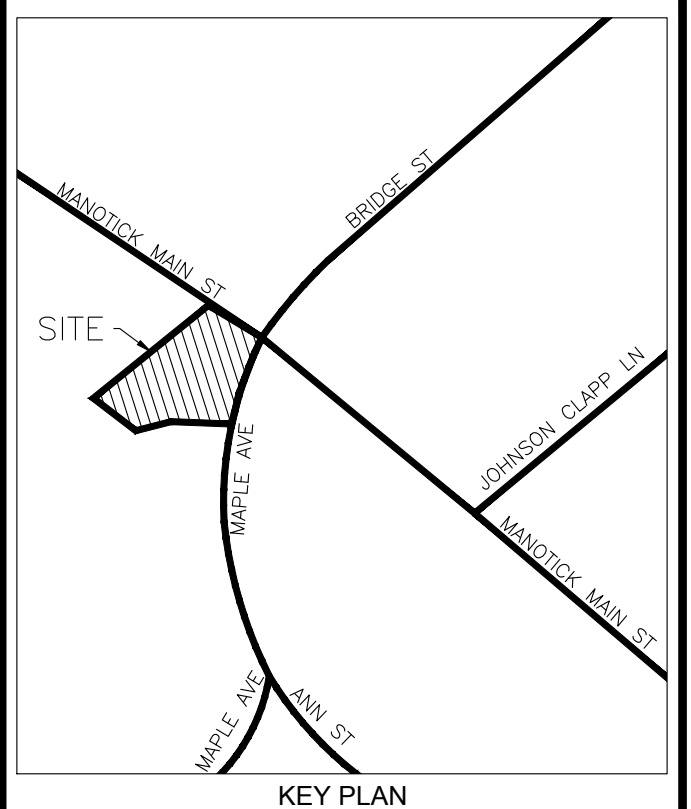


- LEGEND:**
- PROPERTY LINE
  - EXISTING WATERMAIN
  - EXISTING FIRE HYDRANT
  - EXISTING V&VB
  - EXISTING VALVE CHAMBER
  - PROPOSED WATERMAIN
  - PROPOSED FIRE HYDRANT
  - PROPOSED V&VB
  - PROPOSED REMOTE METER
  - PROPOSED METER
  - EXISTING SANITARY SEWER AND MANHOLE
  - PROPOSED SANITARY SEWER AND MANHOLE
  - EXISTING STORM SEWER AND MANHOLE
  - PROPOSED STORM SEWER AND MANHOLE
  - PROPOSED DECK DRAINS OR CATCHBASINS
  - PROPOSED ROOF DRAINS
  - EXISTING CONCRETE CURB
  - PROPOSED CONCRETE CURB
  - PROPOSED DEPRESSED CURB
  - EXISTING BUILDING OR STRUCTURE
  - PROPOSED BUILDING OR STRUCTURE
  - EXISTING GRADE
  - PROPOSED GRADE
  - 87.35(w) — PROPOSED GRADE (TOP OF CURB)
  - 87.21 — PROPOSED GRADE (TOP OF WALL)
  - 87.87(w) — PROPOSED GRADE (SWALE)
  - 87.87(s) — PROPOSED GRADE (TOP OF LANDING)
  - 87.87(0) — PROPOSED DIRECTION OF FLOW AND SLOPE
  - 0.4% — PROPOSED SILT FENCE AS PER OPSD 219.110
  - PROPOSED MUD MAT
  - PROPOSED TERRACING
  - EXISTING SERVICE TO BE REMOVED
  - PROPOSED DRAINAGE BOUNDARY
  - OVERLAND MAJOR FLOW ROUTE
  - HI-40 STYROFOAM INSULATION
  - HEAVY DUTY ASPHALT PAVEMENT (NOTE 21)
- A-XX UNCONTROLLED  
A DENOTES AREA IN m<sup>2</sup>  
R DENOTES RUNOFF COEFFICIENT

**GENERAL NOTES:**

THE ENGINEER WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS FAILURE TO OBTAIN AND/OR FOLLOW THE ENGINEERS GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE WORK COMMENCES. DO NOT SCALE DRAWINGS.



APPROVED  REFUSED

THIS \_\_\_ DAY OF \_\_\_\_\_ 20\_\_

DERRICK MOODIE, MANAGER  
DEVELOPMENT REVIEW WEST  
PLANNING, INFRASTRUCTURE AND ECONOMIC  
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

Drainage Area	Deck Drain	5 Year Event			100 Year Event		
		5-YR Peak Flow (L/s)	5-YR Ponding Depth (mm)	5-YR Ponding Volume (m <sup>3</sup> )	100-YR Peak Flow (L/s)	100-YR Ponding Depth (mm)	100-YR Ponding Volume (m <sup>3</sup> )
BLDG	RD1	1.4	108	5.6	1.7	135	11.0

01 ISSUED FOR SPC & ZBA D.G. MAR 2, 2017

No. REVISIONS BY DATE

HORIZONTAL SCALE: 3.0m 1.5 3.0 6.0m

SCALE: 1:150

DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048



**MMM GROUP**

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STEPHEN PHILIP  
5572 CARRISON DRIVE  
MANOTICK, ON K4M 1K7  
TEL: (613) 608-7216

DESIGNED BY: D.G. DRAWN BY: I.J. APPROVED BY: I.J.

PROJECT: MANOTICK MIXED-USE OFFICE BUILDING  
5514 MANOTICK MAIN ST.,  
MANOTICK, ONTARIO

DRAWING TITLE: STORM DRAINAGE AREA PLAN

PROJECT NO. 17M-00198-00 DRAWING NO. C.03

FILENAME: V:\10-13-16\120514 Manotick Main St. Drawing\working drawings\0514 Manotick - Engineering Drawings.dwg  
PLOTDATE: Mar 02, 2017 1:10pm gpr@wspgroup.com

D07-XX-XX-XXXX