2 YEAR
STORAGE VOLUME = 27.40 cu.m.
FLOW PER ROOF DRAIN = 1.22 L/s
TOTAL FLOW = 7.32 L/s

100 YEAR+20%
STORAGE VOLUME = 87.66 cu.m.
FLOW PER ROOF DRAIN = 1.80 L/s
TOTAL FLOW = 10.78 L/s

ROOF DRAINAGE PLAN

5m
0m 1:200 25m

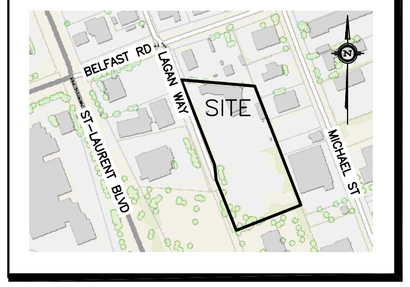
N

INSTALL A MINIMUM OF 12 SCUPPERS EACH A MINIMUM 550mm WIDE. BOTTOM OF SCUPPERS SHALL BE 150mm ABOVE ROOF DRAINS. REFER TO ARCHITECTURAL FOR EXACT LOCATIONS AND DETAILS. ROOF SHALL BE DESIGNED TO CARRY THE LOAD OF WATER HAVING A 50mm DEPTH AT SCUPPERS (i.e. 200mm DEPTH AT ROOF DRAINS). REFER TO STRUCTURAL.

RAINWATER LEADERS (RWL) INSIDE BUILDING SHALL BE CONSTRUCTED TO WITHSTAND THE PRESSURE FROM A WATER COLUMN THE HEIGHT OF THE RWL. CONDUCT A PRESSURE TEST ON THE SYSTEM AS PER THE MECHANICAL ENGINEER'S INSTRUCTIONS (SEE MECHANICAL).

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

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 - Watermain
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
ROOF DRAINAGE PLAN

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-10
of 13