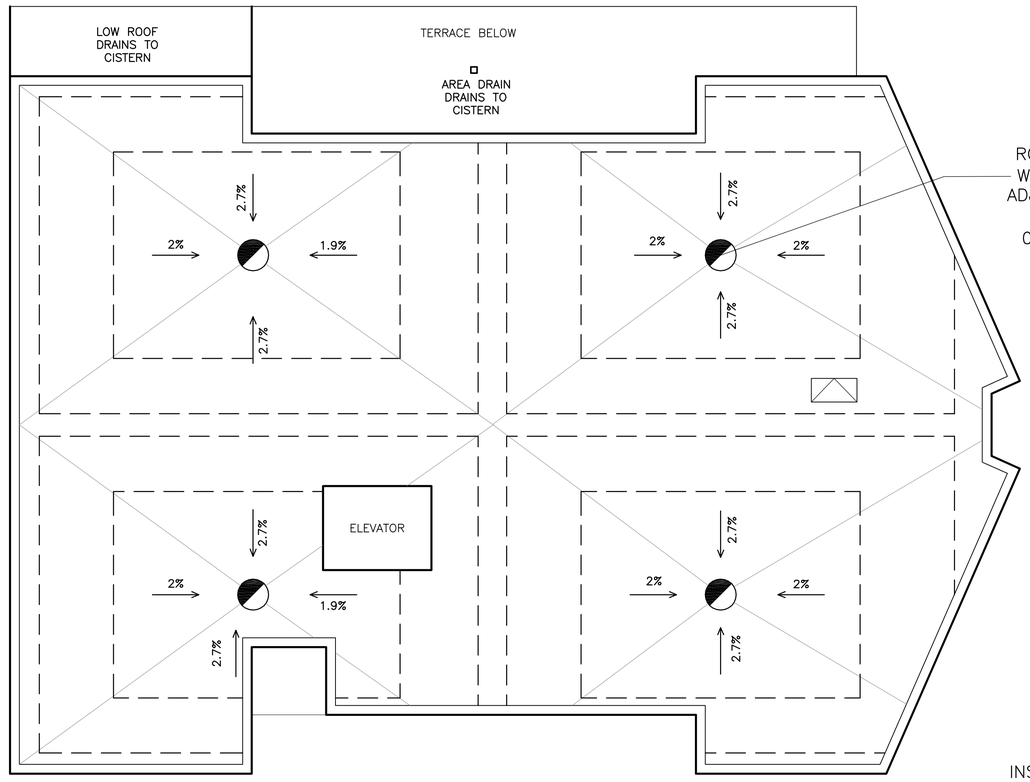


FLOW CONTROL
ROOF DRAIN TYPICAL
WATTS RD–100 C/W
ADJUSTABLE ACCUTROL
WEIR 1/4 OPEN
0.95L/s @ 150mm
(15USgpm @ 6")

100 YEAR POND DEPTH
AT ROOF DRAINS: 138mm

2 YEAR POND DEPTH
AT ROOF DRAINS: 90mm

INSTALL A MINIMUM OF 6 SCUPPERS EACH A MINIMUM 300mm WIDE. BOTTOM OF SCUPPERS SHALL BE 150mm ABOVE THE 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 THE ROOF DRAINS). REFER TO STRUCTURAL.

RAINWATER LEADERS INSIDE BUILDING SHALL BE CONSTRUCTED TO WITHSTAND THE PRESSURE FROM A WATER COLUMN THE HEIGHT OF THE RAINWATER LEADER. PERFORM PRESSURE TESTS ON THE SYSTEMS IN ACCORDANCE WITH THE MECHANICAL ENGINEER'S INSTRUCTIONS.

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

KEY PLAN

No.	DATE	REVISION
1	APR 26–24	ISSUED FOR APPROVAL

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

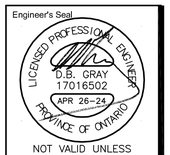
PROPOSED 4–STOREY
APARTMENT BUILDING
2928 BANK STREET

OTTAWA, ONTARIO

Drawing Title

ROOF DRAINAGE PLAN

Engineer's Seal



NOT VALID UNLESS
SIGNED & DATED

Drawn	D.B.G
H. Scale	1:100
V. Scale	
Date	MAR 22–24
Job No.	23019

Drawing No.

C–5
of 8