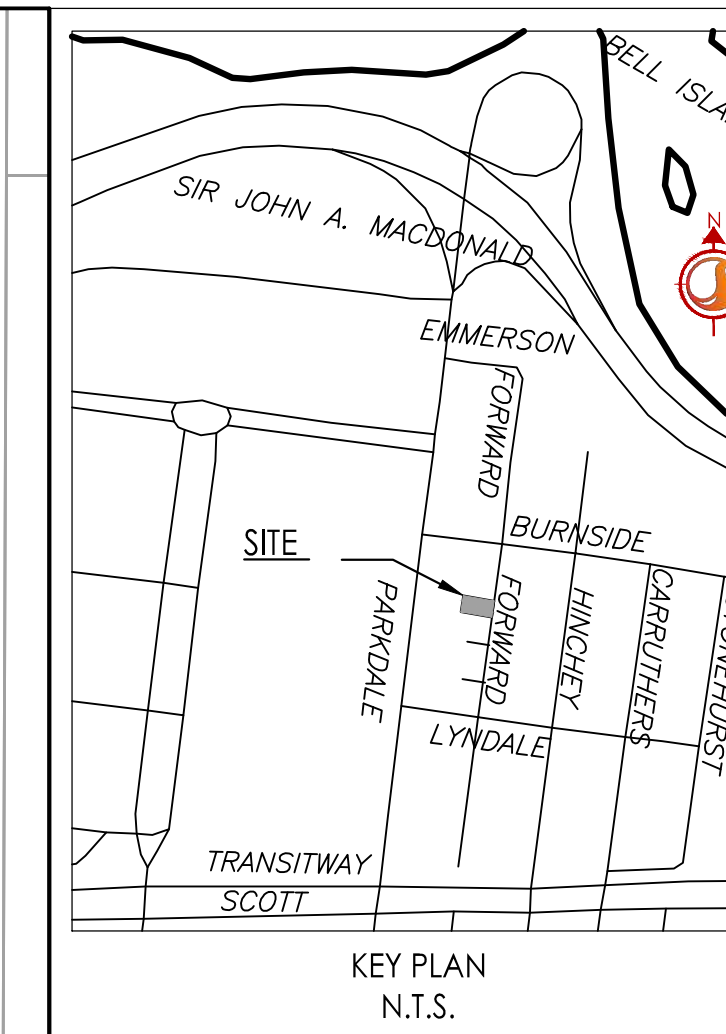


SCHEDULE OF ROOF RELEASE RATES								
DRAINAGE AREA ID	DRAIN TYPE	# DRAINS	5 YEAR HEAD (m)	100 YEAR HEAD (m)	100 YEAR RELEASE RATE (L/s)	5 YEAR VOLUME REQUIRED (m ³)	100 YEAR VOLUME REQUIRED (m ³)	VOLUME AVAILABLE (m ³)
ROOF-A	WATTS ADJUSTABLE WEIR (25% OPEN)	2	0.10	0.14	1.82	2.94	7.31	9.20
ROOF-B	WATTS ADJUSTABLE WEIR (25% OPEN)	1	0.04	0.08	0.74	0.02	0.15	0.80



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Legend

- L101A** AREA ID
- 1.00 0.85** RUNOFF COEFFICIENT
- STORM DRAINAGE AREA BOUNDARY
- DIRECTION OF OVERLAND FLOW
- ⇨ DIRECTION OF EMERGENCY OVERLAND FLOW
- PROPOSED STORM MH AND SEWER
- PROPOSED WATTS FD-530 (OR EQUIVALENT) TO BE CONNECTED TO INTERNAL STORM SEWER PLUMBING.
- EXISTING STORM MH AND SEWER
- EXISTING CATCHBASIN
- ▨ THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 1.5m. THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22.
- ▨ EXISTING BUILDING
- ▨ PROPOSED BUILDING
- PROPERTY LINE
- EXISTING OVERHEAD WIRES
- EXISTING DEPRESSED CURB LOCATIONS
- PROPOSED DEPRESSED CURB LOCATION
- PROPOSED BARRIER CURB
- ▨ PROPOSED ASPHALT ACCESS LANES
- ▨ PROPOSED RIGID PAVEMENT STRUCTURE
- ▨ OVERLAND SPILL LOCATION

Notes

2	REVISED AS PER CITY COMMENTS	W.A.J.	K.J.K.	22.04.12
1	ISSUED FOR REVIEW	D.W.	K.J.K.	21.12.22

Revision By Appd. YY.MM.DD

File Name: 160401680-D8

D.W.	K.J.K.	D.W.	21.12.09
Dwn.	Chkd.	Dgn.	YY.MM.DD

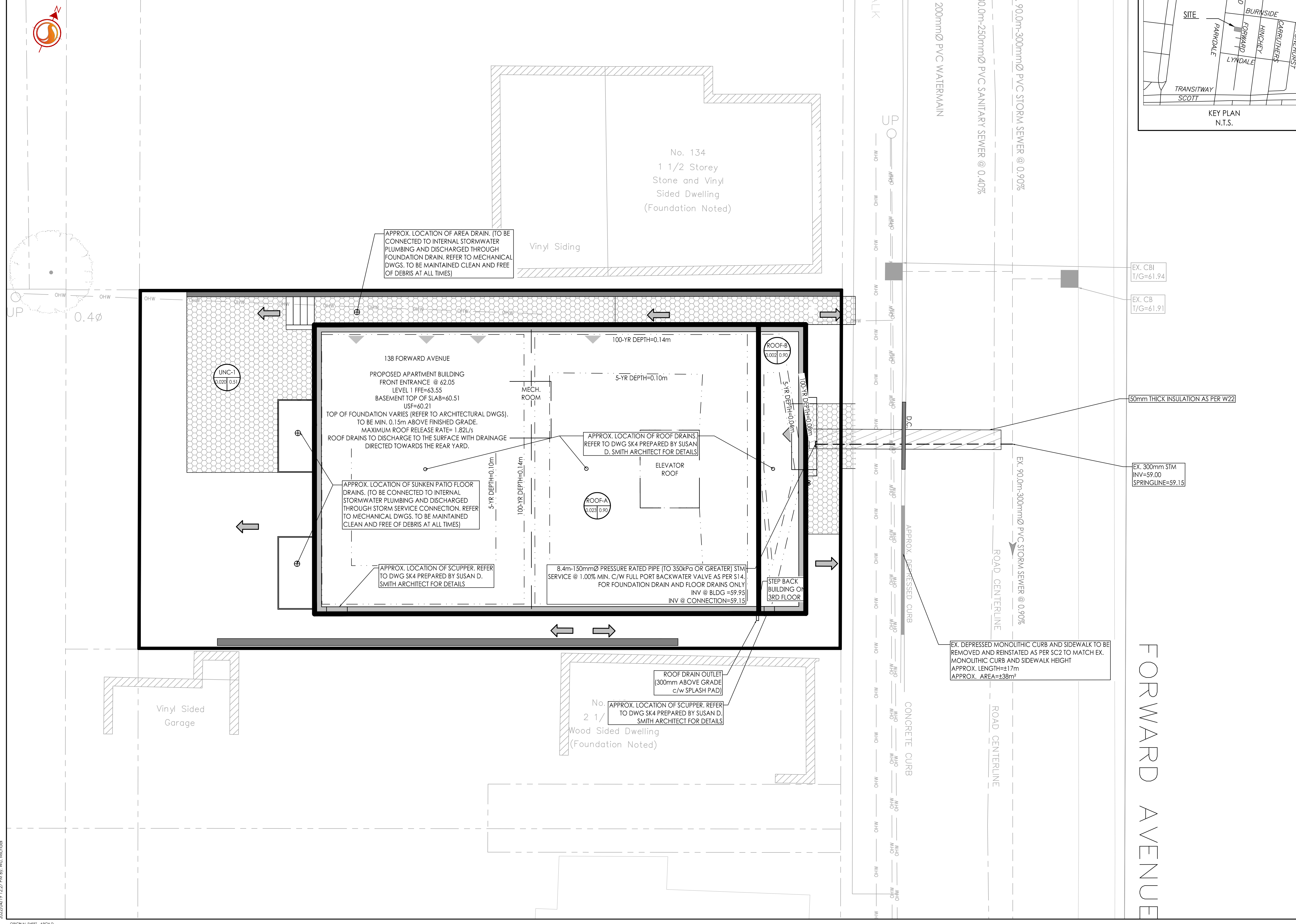
Permit-Seal

Client/Project
VIKA LAND DEVELOPMENT GROUP INC.
2727 GRAND VISTA CR.
OTTAWA, ON. K2J 0W5

NEW APARTMENT BUILDING
138 FORWARD AVENUE
OTTAWA, ONTARIO

Title
STORM DRAINAGE PLAN

Project No. 160401680
Scale 1:75
Drawing No. SD-1
Sheet 5 of 5
Revision 2
D07-12-21-0237
Project No. 160401680
Scale 0 0.75 2.25 3.75m
Drawing No. SD-1
Sheet 5 of 5
Revision 2
Project No. 160401680
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Drawing No. SD-1
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Revision 2
D07-12-21-0237
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D07-12-21-0237



ORIGINAL SHEET - ARCH-D