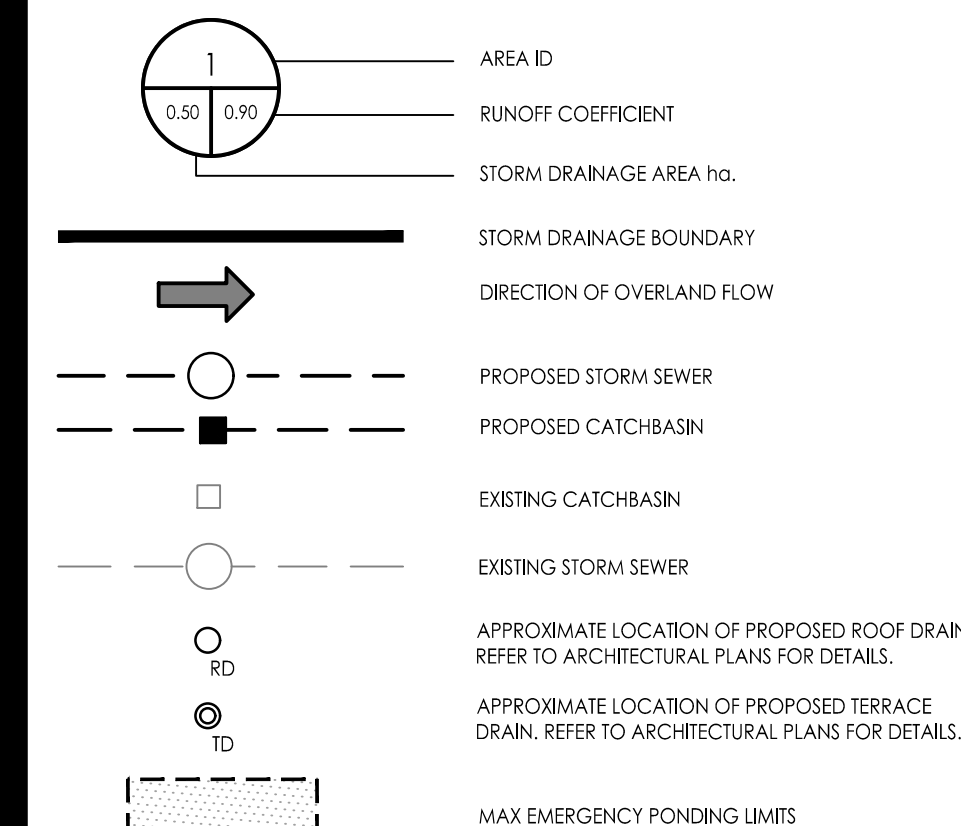




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Legend



Notes

- REQUIRED CISTERN VOLUME 10m³

Revision	By	Appd.	YY.MM.DD
4	WJ	DT	24.09.18
3	WJ	DT	24.08.13
2	WJ	DT	24.05.27
1	TM	DT	23.06.12

File Name:	TM	KK	TM	23.03.15
160401784 DB.dwg	Dwn.	Chkd.	Dgn.	YY.MM.DD

Permit-Seal



Client/Project

Project1 Studio

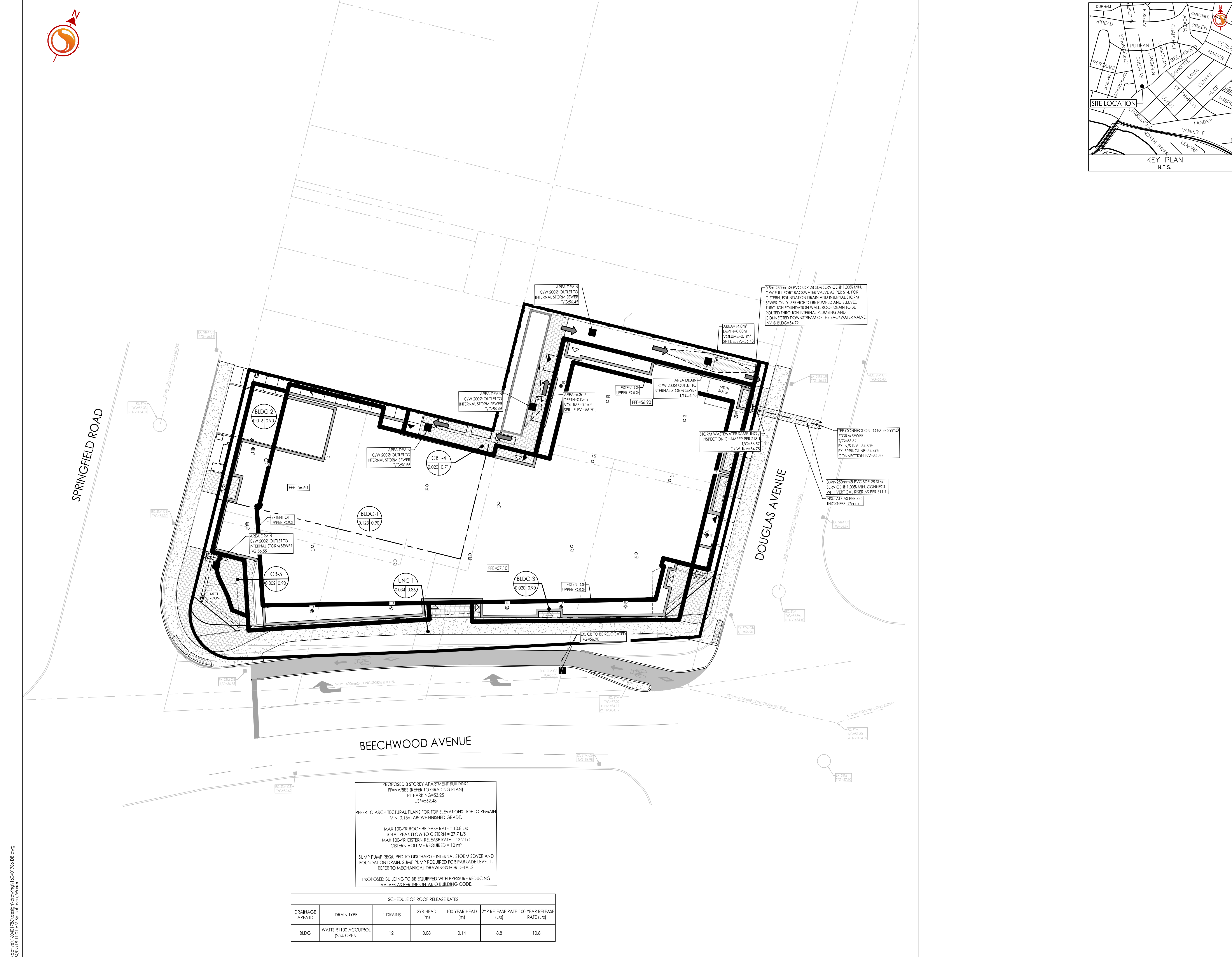
47 BEECHWOOD AVENUE

OTTAWA, ONTARIO, CANADA

Title

STORM DRAINAGE PLAN

Project No.	Scale	Sheet	Revision
1604001786	1:200	5 of 6	4
Drawing No.	SD-1		PLAN # 19043



PROPOSED 3 STOREY APARTMENT BUILDING
FF=VARIES (REFER TO GRADING PLAN)
P1 PARKING=53.25
USF=152.48

REFER TO ARCHITECTURAL PLANS FOR TOF ELEVATIONS. TOF TO REMAIN MIN. 0.15m ABOVE FINISHED GRADE.

MAX 100-YR ROOF RELEASE RATE = 10.8 L/s
TOTAL PEAK FLOW TO CISTERN = 27.7 L/s
MAX 100-YR CISTERN RELEASE RATE = 12.2 L/s
CISTERN VOLUME REQUIRED = 10 m³

SUMP PUMP REQUIRED TO DISCHARGE INTERNAL STORM SEWER AND FOUNDATION DRAIN. SUMP PUMP REQUIRED FOR PARKADE LEVEL 1. REFER TO MECHANICAL DRAWINGS FOR DETAILS.

PROPOSED BUILDING TO BE EQUIPPED WITH PRESSURE REDUCING VALVES AS PER THE ONTARIO BUILDING CODE.

SCHEDULE OF ROOF RELEASE RATES						
DRAINAGE AREA ID	DRAIN TYPE	# DRAINS	2YR HEAD (m)	100 YEAR HEAD (m)	2YR RELEASE RATE (L/s)	100 YEAR RELEASE RATE (L/s)
BLDG	WATTS R1 00 ACCUTROL (23% OPEN)	12	0.08	0.14	8.8	10.8

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