



O' KEEFE COURT



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Legend

- AREA ID
- RUNOFF COEFFICIENT
- STORM DRAINAGE AREA ha.
- STORM DRAINAGE BOUNDARY
- MAXIMUM PONDING LIMITS
- DIRECTION OF OVERLAND FLOW
- PROPOSED CATCHBASIN
- CATCHBASIN TO BE INSTALLED WITH CIRCULAR ORIFICE (SEE DWG SD-1)
- EXISTING STORM SEWER
- EXISTING CATCHBASIN
- APPROXIMATE LOCATION OF SCUPPER (REFER TO ARCHITECTURAL PLAN FOR DETAILS)
- APPROXIMATE LOCATION OF ROOF DRAIN (REFER TO ARCHITECTURAL PLAN FOR DETAILS)

Notes

- 1. REMOVE 5.4m OF EX. 375mm Ø STM SEWER AND DISPOSE OFF SITE. REPLACE WITH 6.5m-200mm Ø PVC SDR 28 STM SERVICE @ 1.00% MIN. C/W FULL PORT BACKWATER VALVE AS PER S14. FOR FOUNDATION DRAIN ONLY. INV @ BLDG = 101.45 INV @ EX. MH = 101.38
- 2. REMOVE 5.4m OF EX. 375mm Ø STM SEWER AND DISPOSE OFF SITE. REPLACE WITH 6.5m-200mm Ø PVC SDR 28 STM SERVICE @ 1.00% MIN. C/W FULL PORT BACKWATER VALVE AS PER S14. FOR ROOF DRAIN ONLY. INV @ BLDG = 101.41 INV @ CONNECTION = 101.35
- 3. BREAK INTO AND CONNECT TO EX. STM MH INV=101.20

Revision	By	Appd.	YY.MM.DD
1	WAJ	TKR	20.06.24

Permit-Seal	Dwn.	Chkd.	Dsgn.	YY.MM.DD
File Name: 160401505-DB	WAJ	K.J.K.	WAJ	20.03.17



Client/Project
N45 ARCHITECTURE INC.
71 BANK STREET, 7th FLOOR
BLUESKY MEDICAL CENTRE
100 LUSK STREET
OTTAWA, ON

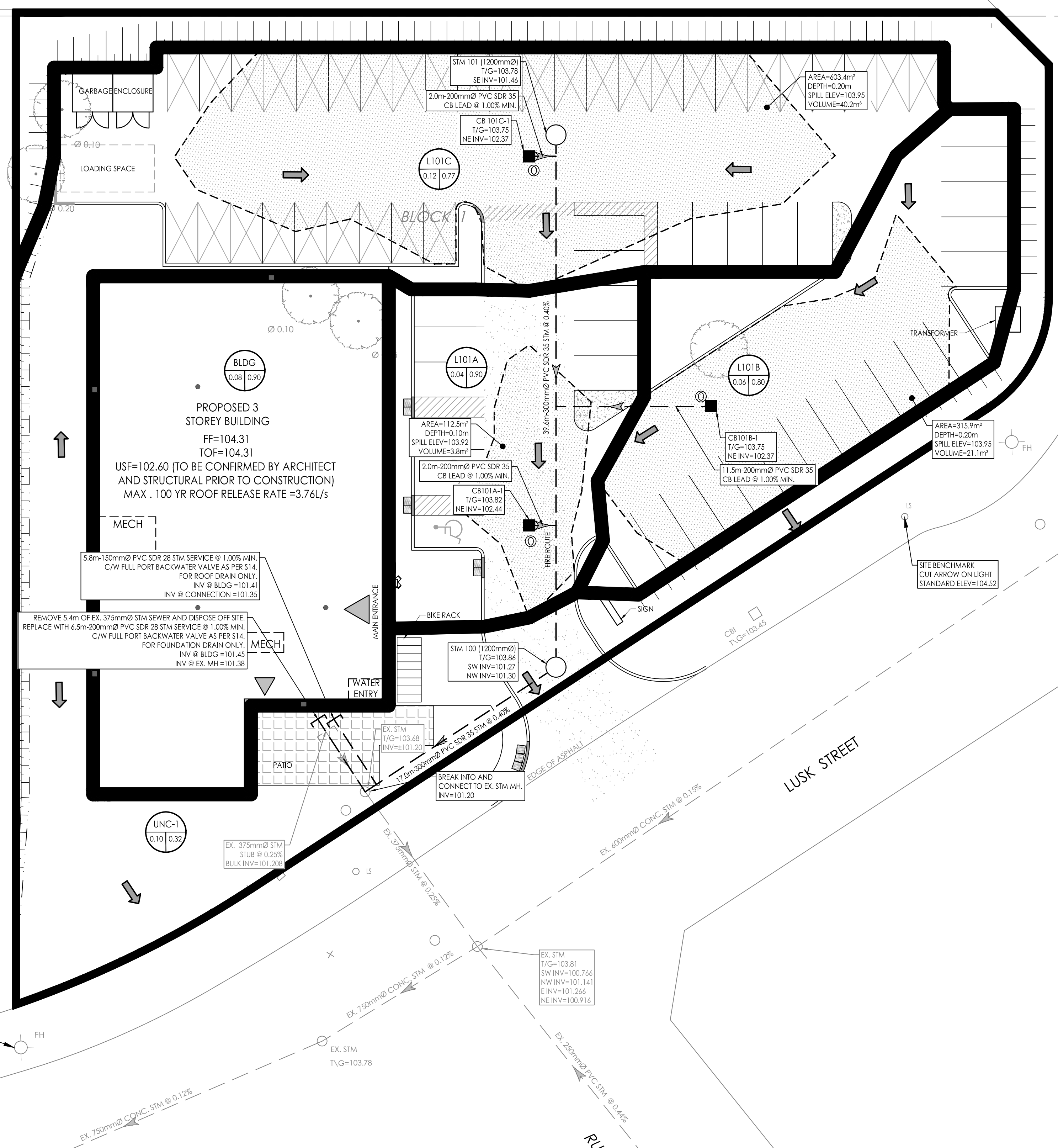
Title
STORM DRAINAGE PLAN

Project No. 160401505	Scale 1:200	Sheet 6	Revision 1
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DRAINAGE AREA ID	DRAIN TYPE	# DRAINS	100 YEAR HEAD (m)	100 YEAR RELEASE RATE (L/S)
BLDG	WATTS R1100 ACCUTROL (50% OPEN)	3	0.149	3.76

STRUCTURE ID	DRAINAGE AREA ID	ICD TYPE	100 YEAR HEAD (m)	100 YEAR FLOW (L/S)
C101A-1	L101A	83mm Ø ORIFICE	1.48	17.79
C101B-1	L101B	IPEX TEMPEST LMF105	1.58	12.31
C101C-1	L101C	IPEX TEMPEST LMF105	1.58	12.31

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RESERVE



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ORIGINAL SHEET - ARCH-D