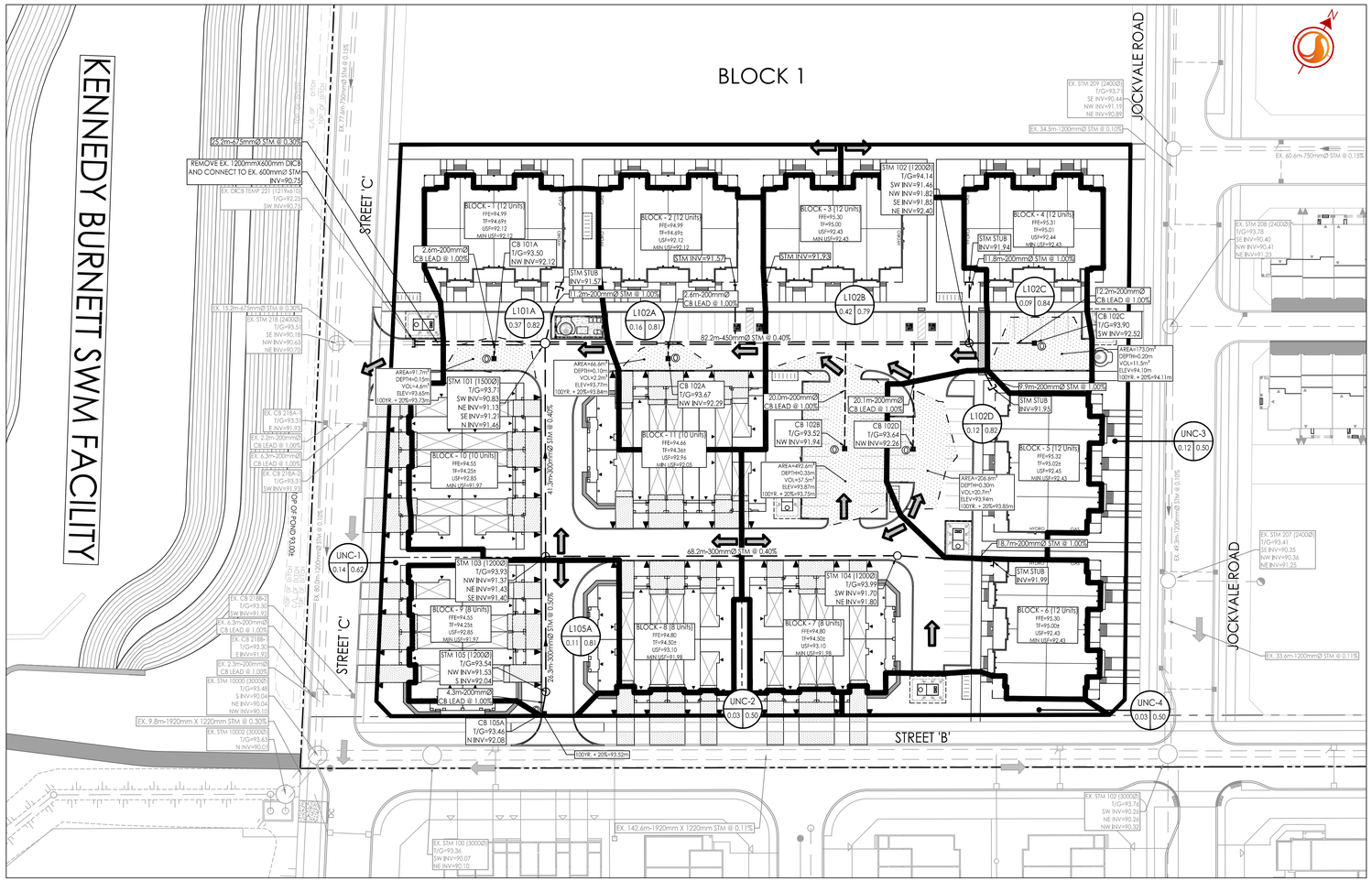

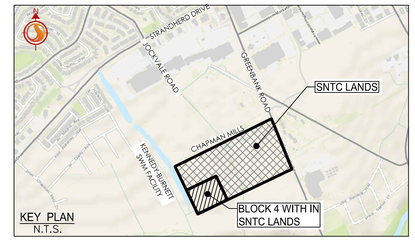

KEY PLAN
N.T.S.

SCHEDULE OF INLET CONTROL DEVICES							
OUTLET ORIFICE NAME	CATCHBASIN ID	TRIBUTARY AREA ID	ICD TYPE	2YR HEAD (m)	100YR HEAD (m)	2YR FLOW (L/s)	100YR FLOW (L/s)
L101A-IC	CB101A	L101A	178mm ORIFICE	1.35	1.58	70.91	76.88
L102A-IC	CB102A	L102A	108mm ORIFICE	1.41	1.54	27.11	28.27
L102B-IC	CB102B	L102B	178mm ORIFICE	1.52	1.77	75.49	81.84
L102C-IC	CB102C	L102C	94mm ORIFICE	1.07	1.55	17.76	21.57
L102D-IC	CB102D	L102D	108mm ORIFICE	1.32	1.56	23.34	25.44
L105A-IC	CB105A	L105A	94mm ORIFICE	1.38	1.44	20.33	20.72

Stantec

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Legend

- BLDG — AREA ID
- 1.00 / 0.90 — RUNOFF COEFFICIENT
- STORM DRAINAGE AREA ha.
- STORM DRAINAGE BOUNDARY
- MAXIMUM STATIC PONDING LIMITS
- DIRECTION OF OVERLAND FLOW
- DIRECTION OF EXISTING OVERLAND FLOW
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- CIRCULAR ORIFICE (SEE SEE ICD TABLE SD-1)
- EXISTING STORM SEWER
- EXISTING CATCHBASIN

Notes

1. FINAL SERVICE LATERAL SIZES TO BE CONFIRMED BY MECHANICAL CONSULTANT.
2. ALL ROOF EAVES TROUGH TO OUTLET TO INTERNAL ROADS AND SURFACE PARKING AREAS.
3. BLOCKS 1 TO 6 HAVE FULL BASEMENTS, BLOCKS 7 TO 11 DO NOT HAVE BASEMENTS.

Revision	By	Appd.	YY.MM.DD
0 ISSUED TO CITY FOR SPA	MJS	TR	20.05.01

File Name: 160401085 BLK 4 DB	Dwn.	Chkd.	Dsgn.	YY.MM.DD
	MJS	AMP	MJS	20.02.25

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
T.K. RATHNASOORIYA
100225159
2020-04-30
PROVINCE OF ONTARIO

Client/Project

NEPEAN TOWN CENTRE DEVELOPMENT CORPORATION

SNTC LANDS
BLOCK 4
OTTAWA, ON

Title

STORM DRAINAGE PLAN

Project No. 160401085

Scale 1:500 (0 5 15 25m)

Drawing No. SD-1

Sheet 5 of 7

Revision 0

V:\01-60_active\160401085_Cronin_SNTC Lands\design\drawing\DETAILED DESIGN\Detailed Site Plan Design\Block 4\160401085 BLK 4 DB.dwg
2020/04/30 3:26 PM By: Sharp, Mike

ORIGINAL SHEET - ARCH D