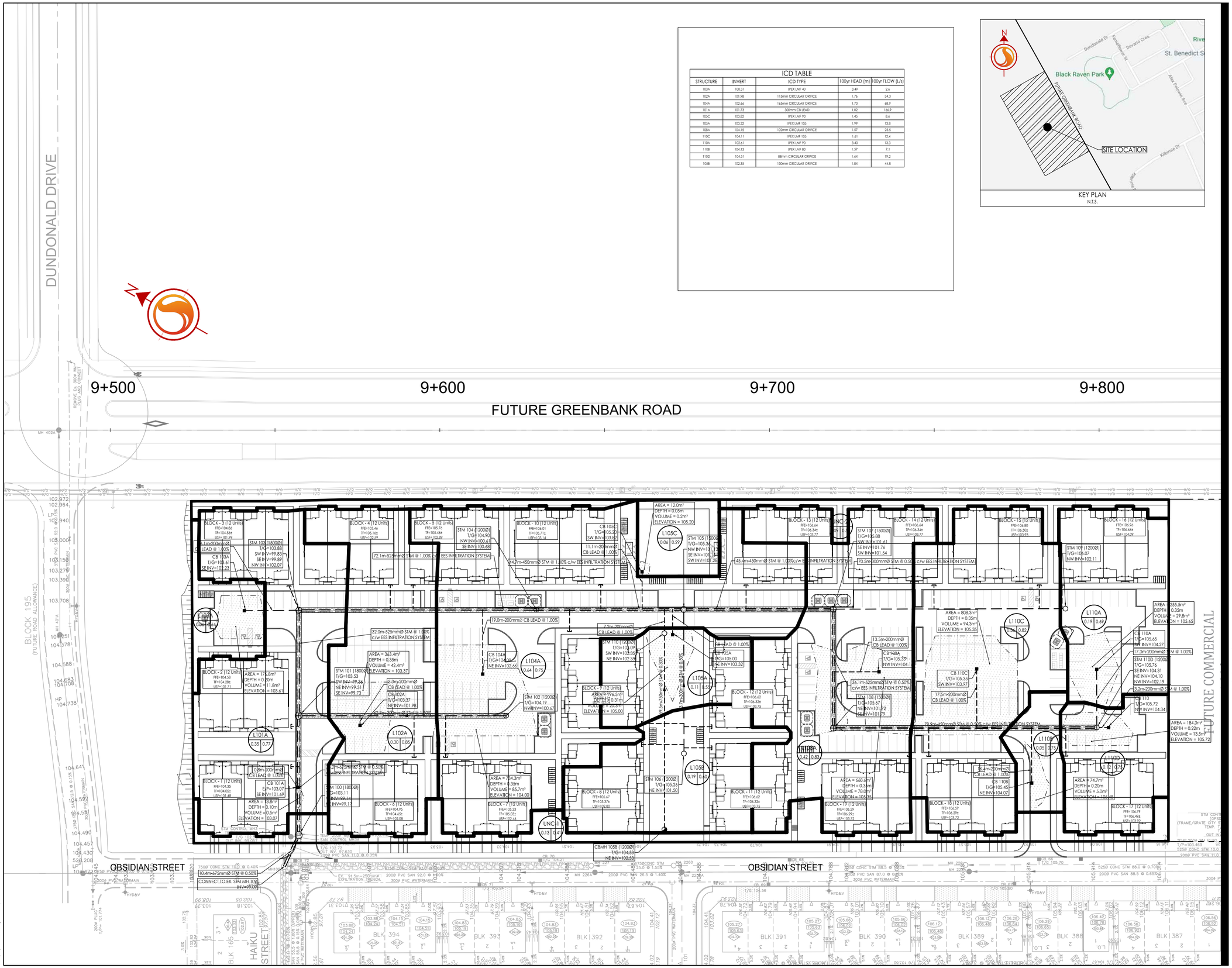

ICD TABLE				
STRUCTURE	INVERT	ICD TYPE	100yr HEAD (m)	100yr FLOW (L/s)
103A	100.31	IPEX LMF 40	3.49	2.6
102A	101.98	115mm CIRCULAR ORIFICE	1.76	34.3
104A	102.66	165mm CIRCULAR ORIFICE	1.70	68.9
101A	101.73	300mm CB LEAD	1.02	166.9
105C	103.82	IPEX LMF 90	1.45	8.6
105A	103.32	IPEX LMF 105	1.99	13.8
108A	104.15	102mm CIRCULAR ORIFICE	1.57	25.5
110C	104.11	IPEX LMF 105	1.61	12.4
110A	102.61	IPEX LMF 90	3.40	13.3
110B	104.13	IPEX LMF 80	1.57	7.1
110D	104.31	88mm CIRCULAR ORIFICE	1.64	19.2
105B	102.35	130mm CIRCULAR ORIFICE	1.84	44.8

KEY PLAN
N.T.S.

Stantec

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Legend

- L101A — AREA ID
- 1.00 | 0.85 — RUNOFF COEFFICIENT
- STORM DRAINAGE AREA ha.
- STORM DRAINAGE BOUNDARY
- MAXIMUM STATIC PONDING LIMITS
- DIRECTION OF OVERLAND FLOW
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- CIRCULAR ORIFICE (SEE SEE ICD TABLE SD-1)
- EXISTING STORM 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.

Notes

1. FINAL SERVICE LATERAL SIZES TO BE CONFIRMED BY MECHANICAL CONSULTANT.
2. ALL ROOF EAVES TROUGH TO OUTLET TO INTERNAL SURFACE PARKING AREAS.

Revision		By	Appd.	YY.MM.DD
1	ISSUED FOR 1ST SUBMISSION	AJ	SG	22.01.14
0	FOR REVIEW	AJ	SG	21.11.23

File Name: 160401657 DB	MJS	SG	MJS	21.06.29
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
D. C. THIFFAULT
100186107
2022-01-19
PROVINCE OF ONTARIO

Client/Project

Mattamy Homes

HMB PHASE 8

OTTAWA, ON

Title

STORM DRAINAGE PLAN

Project No. 160401657

Scale 1:500 (0 5 15 25m)

Drawing No. SD-1

Sheet 7 of 8

Revision 1

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2022/01/19 6:54 PM By: Thiffault, Dustin

ORIGINAL SHEET - ARCH D