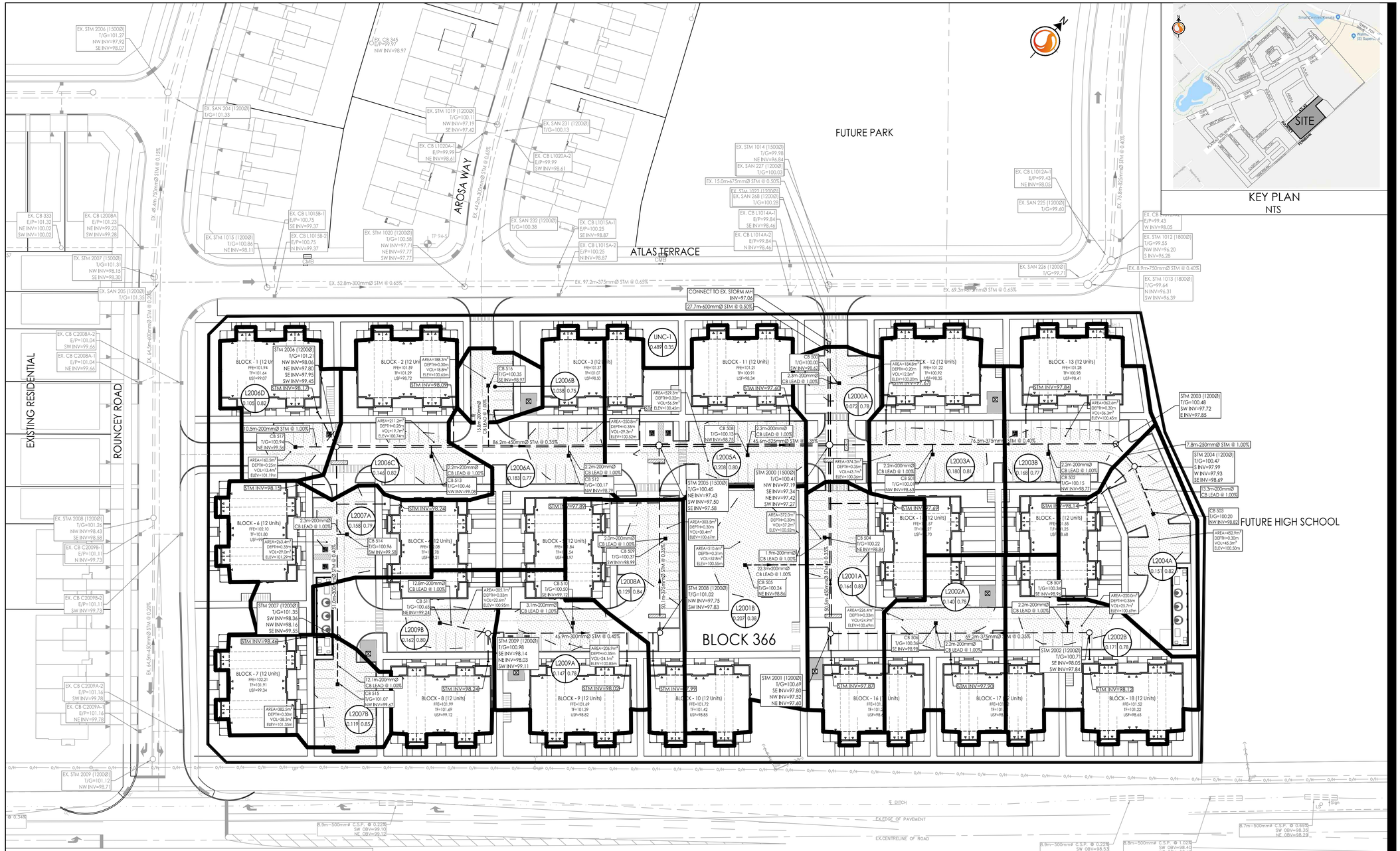

KEY PLAN
NTS

INLET CONTROL DEVICES				
TRIBUTARY AREA ID	CATCHBASIN ID	100YR HEAD (m)	100YR RELEASE RATE (L/s)	ICD TYPE
L2000A	CB500	1.58	17.2	IPEX TEMPEST HF (83mm ORIFICE)
L2001A	CB504	1.68	23.3	IPEX TEMPEST HF (95mm ORIFICE)
L2001B	CB505	1.69	4.7	IPEX TEMPEST LMF 65
L2002A	CB506	1.71	27.1	IPEX TEMPEST HF (102mm ORIFICE)
L2002B	CB507	1.73	42.2	IPEX TEMPEST HF (127mm ORIFICE)
L2003A	CB501	1.73	23.6	IPEX TEMPEST HF (95mm ORIFICE)
L2003B	CB502	1.68	23.3	IPEX TEMPEST HF (95mm ORIFICE)
L2004A	CB503	1.68	17.8	IPEX TEMPEST HF (83mm ORIFICE)
L2005A	CB508	1.70	23.4	IPEX TEMPEST HF (95mm ORIFICE)
L2006A	CB512	1.73	42.2	IPEX TEMPEST HF (127mm ORIFICE)
L2006B	CB516	1.68	4.7	IPEX TEMPEST LMF 65
L2006C	CB513	1.66	41.4	IPEX TEMPEST HF (127mm ORIFICE)
L2006D	CB517	1.63	29.6	IPEX TEMPEST HF (108mm ORIFICE)
L2007A	CB514	1.71	30.4	IPEX TEMPEST HF (108mm" ORIFICE)
L2007B	CB515	1.68	11.6	IPEX TEMPEST LMF 100
L2008A	CB509	1.73	18.0	IPEX TEMPEST HF (83mm ORIFICE)
L2009A	CB510	1.73	30.5	IPEX TEMPEST HF (108mm ORIFICE)
L2009B	CB511	1.71	42.0	IPEX TEMPEST HF (127mm ORIFICE)

Stantec

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Legend

- BLDG — AREA ID
- 1.00 | 0.90 — RUNOFF COEFFICIENT
- STORM DRAINAGE AREA ha.
- STORM DRAINAGE BOUNDARY
- MAXIMUM PONDING LIMITS
- DIRECTION OF OVERLAND FLOW
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED DITCH INLET CATCHBASIN
- PROPOSED DOUBLE CATCH BASIN
- PROPOSED SUB DRAIN CATCH BASIN AS PER CITY OF OTTAWA STANDARD DETAIL DRAWINGS L10 AND L11.
- PROPOSED PERFORATED SUBDRAIN
- EXISTING STORM SEWER
- EXISTING CATCHBASIN MANHOLE
- EXISTING CATCHBASIN
- EXISTING SUBDRAIN CATCHBASIN
- EXISTING SWALE
- 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.

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
2 REVISED AS PER CITY COMMENTS	JP	DCT	19.08.29
1 ISSUED TO CITY FOR SPA	MJS	DCT	19.05.15

File Name: 160401433-DB	MJS	DT/SG	MJS	19.05.14
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
D. C. THIFFAULT
100186107
29/08/2019
PROVINCE OF ONTARIO

Client/Project

MATTAMY (MONARCH) LIMITED
50 Hines Road, suite 100

BLACKSTONE BLOCK 366
5441 AND 5505 FERNBANK ROAD
OTTAWA, ON

Title

STORM DRAINAGE PLAN

Project No.	Scale	
160401433	1:500 (0 5 15 25m)	
Drawing No.	Sheet	Revision
SD-1	6 of 7	2

D07-12-19-0077

DWG# xxxxx

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ORIGINAL SHEET - ARCH D