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Legend

- AREA ID
- RUNOFF COEFFICIENT
- STORM DRAINAGE AREA BOUNDARY
- DIRECTION OF OVERLAND FLOW
- DIRECTION OF EXISTING OVERLAND FLOW
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- CIRCULAR ORIFICE (SEE ICD TABLE ON SSP-1 AND 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.
- MAXIMUM STATIC PONDING LIMITS
- 100YR. STATIC PONDING LIMITS

Notes

2	REVISED AS PER CITY COMMENTS	MJS	KJK	22.08.30
1	REVISED AS PER CITY COMMENTS	WAJ	KJK	22.06.03
0	ISSUED FOR SPA	MJS	TR	21.04.08

Revision	By	Appd.	YY.MM.DD
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File Name:	160401620 DB.dwg	MJS	KK	MJS	21.01.15
		Dwn.	Chkd.	Dgn.	YY.MM.DD

Permit-Seal

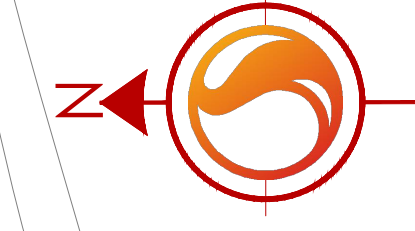
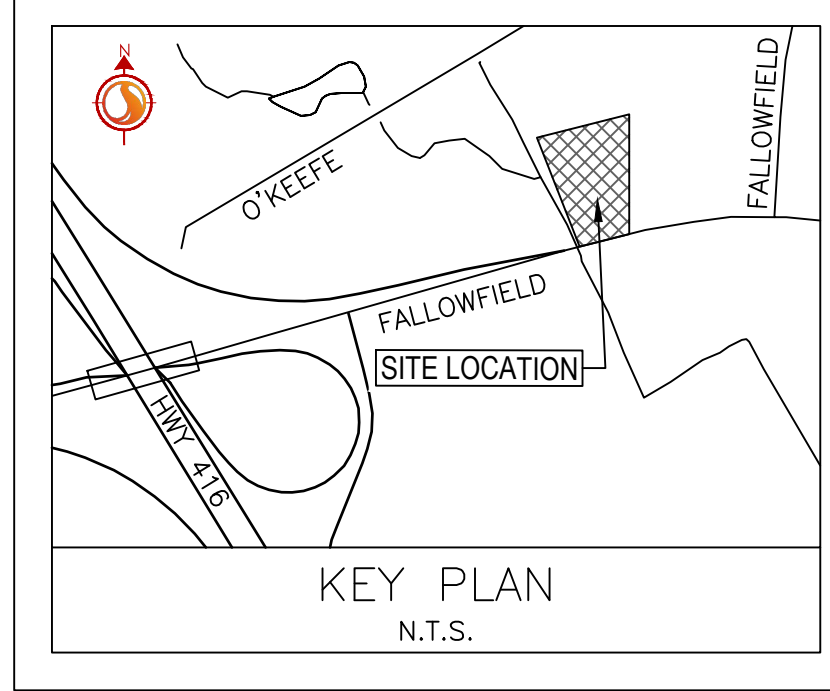
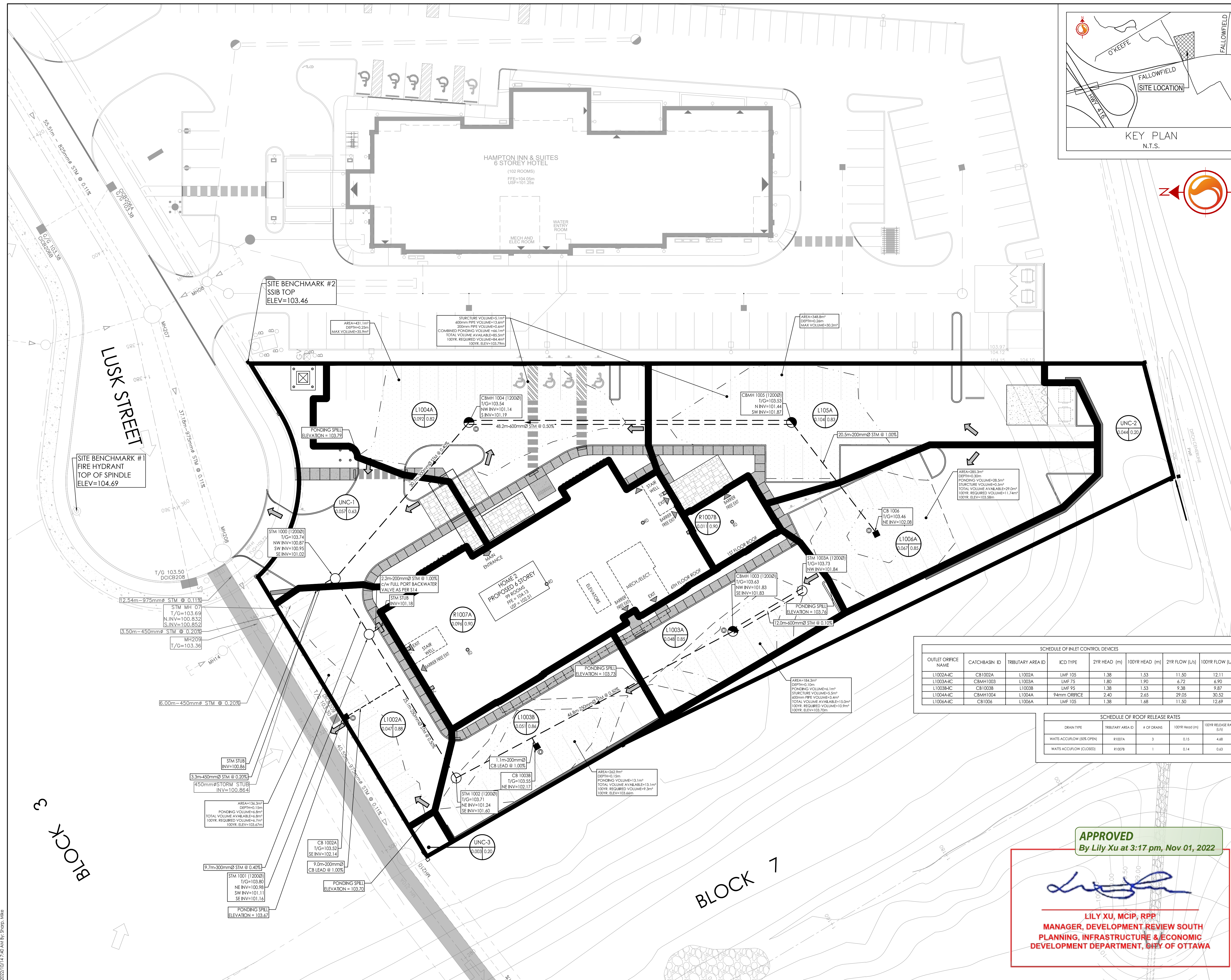
Client/Project
2441736 ONTARIO INC.
125 LUSK STREET, OTTAWA, ON, K2J 6S5
PHONE: 613-307-0412

BLOCK 10
HOME 2 - PROPOSED 6 STOREY
OTTAWA, ON, CANADA

Title
STORM DRAINAGE PLAN

Project No.	Scale	0	2.5	7.5	12.5m
160401620	1:250				

Drawing No.	Sheet	Revision
SD-1	6 of 7	2



OUTLET ORIFICE NAME	CATCHBASIN ID	TRIBUTARY AREA ID	ICD TYPE	2YR HEAD (m)	100YR HEAD (m)	2YR FLOW (L/s)	100YR FLOW (L/s)
L1002A-C	CB1002A	L1002A	LMF 105	1.38	1.53	11.50	12.11
L1003A-C	CBM11003	L1003A	LMF 75	1.30	1.90	4.72	6.90
L1003B-C	CB1003B	L1003B	LMF 55	1.38	1.53	9.38	9.87
L1004A-C	CBMH1004	L1004A	94mm ORIFICE	2.40	2.65	29.05	30.52
L1006A-C	CB1006	L1006A	LMF 105	1.38	1.68	11.50	12.69

DRAIN TYPE	TRIBUTARY AREA ID	# OF DRAIN	100YR HEAD (m)	100YR RELEASE RATE (l/s)
WATS ACCURFLOW (ROOF OPEN)	R1007A	3	0.15	4.68
WATS ACCURFLOW (CLOSED)	R1007B	1	0.14	0.63

APPROVED
By Lily Xu at 3:17 pm, Nov 01, 2022

LILY XU, MCIP, RPP
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