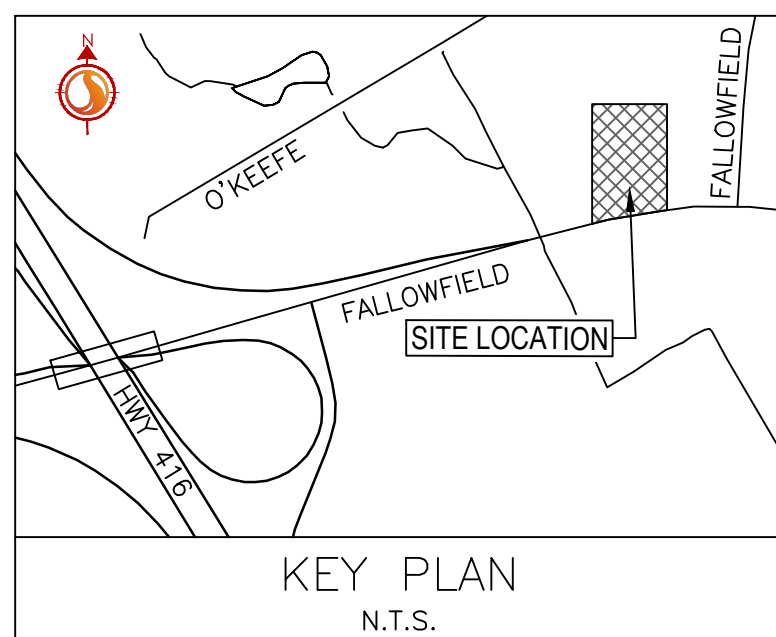


Legend

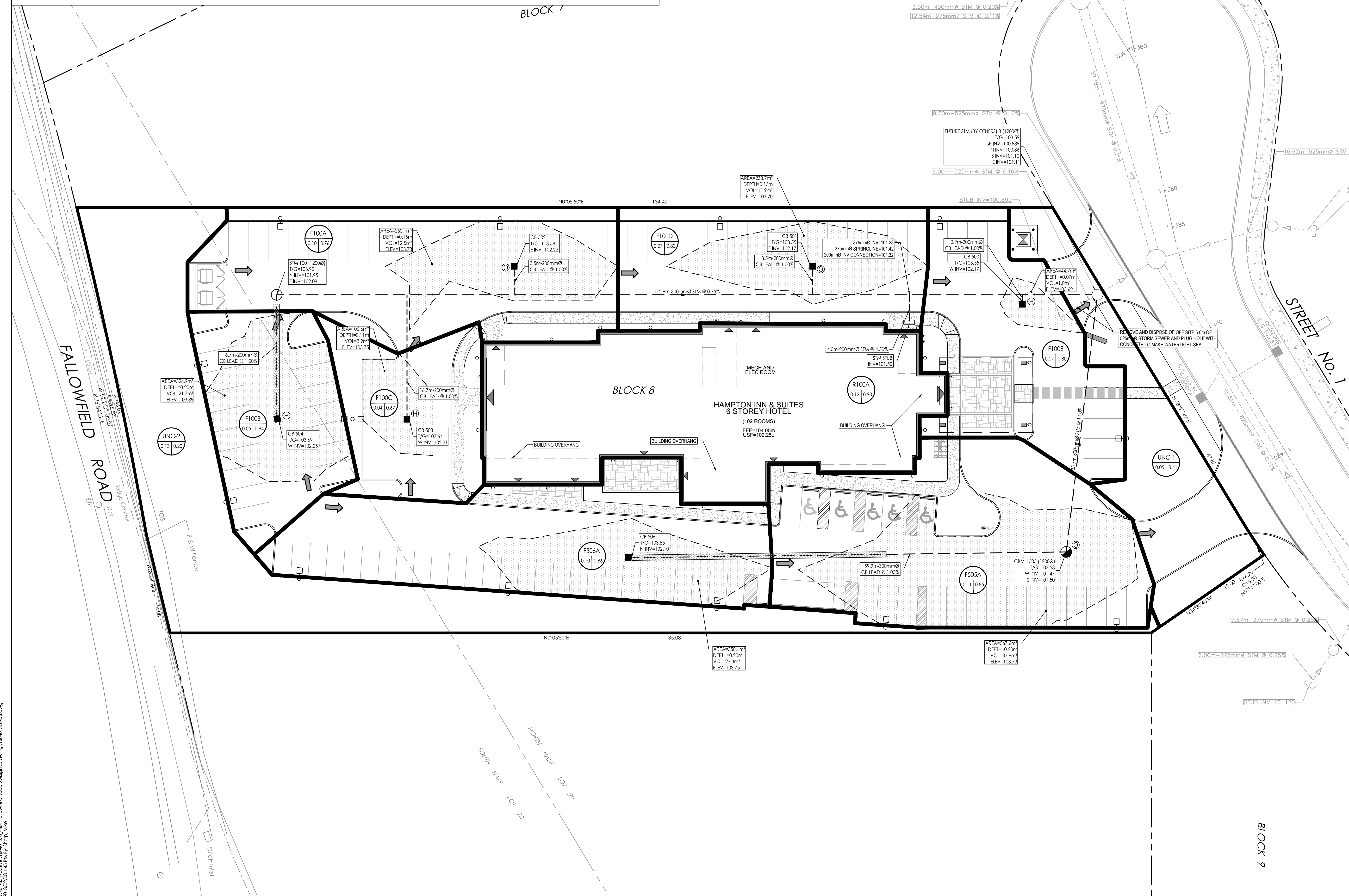
- AREA ID
- RUNOFF COEFFICIENT
- STORM DRAINAGE AREA
- STORM DRAINAGE BOUNDARY
- MAXIMUM PONDING LIMITS
- DIRECTION OF OVERLAND FLOW
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED SUBDRAIN AND LANDSCAPE CATCHBASIN
- CATCHBASIN TO BE INSTALLED WITH CIRCULAR ORIFICE (SEE DWG SD-1)
- CATCHBASIN TO BE INSTALLED WITH LMF ICD (SEE DWG SD-1)
- 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.

SCHEDULE OF INLET CONTROL DEVICES				
AREA ID	CATCHBASIN ID	TYPE	100YR HEAD (m)	100YR RELEASE RATE (L/s)
F100A	CB502	102mm Ø ORIFICE	1.53	27.31
F100B	CB504	LMF 70	1.64	5.52
F100C	CB503	LMF 100	1.44	10.71
F100D	CB501	83mm Ø ORIFICE	1.53	18.08
F100E	CB500	LMF 105	1.45	11.79
F505A & F506A	CBM505	83mm Ø ORIFICE	1.87	19.99

SCHEDULE OF ROOF RELEASE RATES				
BUILDING	DRAIN TYPE	# DRAINS	100YR HEAD (m)	100YR RELEASE RATE (L/s)
R100A	WATTS ACCFLOW (100% OPEN)	4	0.15	7.57



BLOCK 7



Revision	By	Appd.	YY.MM.DD
0	MJS	KJK	18.02.08

File Name: 160401378-DB  
 Dwn. Chkd. Dsgn. MJS KJK MJS  
 YY.MM.DD YY.MM.DD YY.MM.DD

Client/Project  
2441736 ONTARIO INC.

HAMPTON INN AND SUITES  
4401 FALLOWFIELD ROAD  
OTTAWA, ON

Title  
STORM DRAINAGE PLAN

Project No. 160401378	Scale 1:250	Sheet 5 of 6	Revision 0
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SD-1 5 of 6 0

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