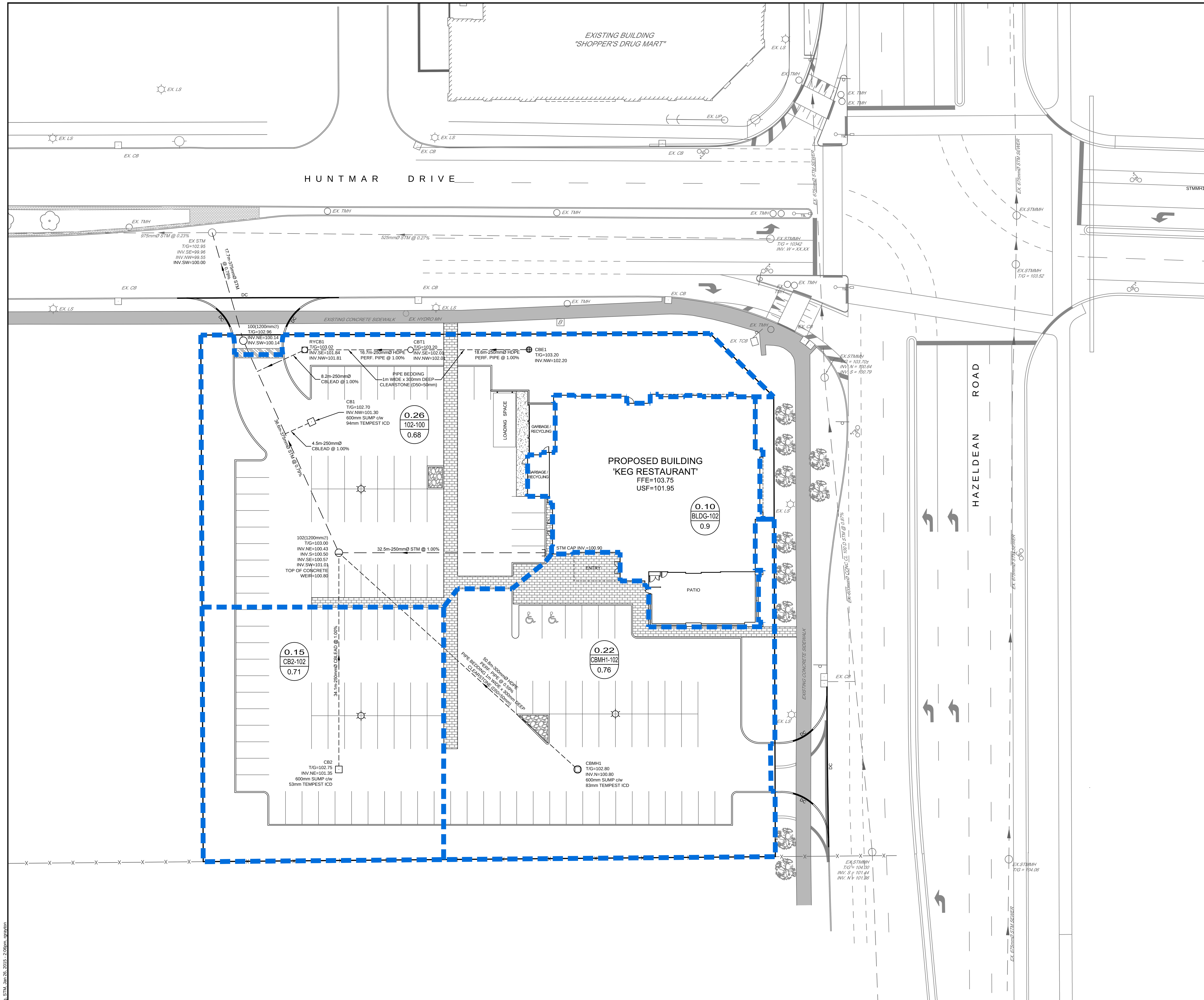

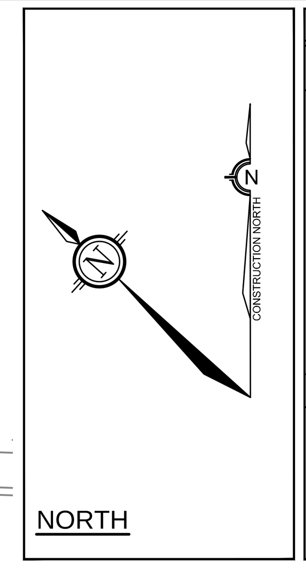

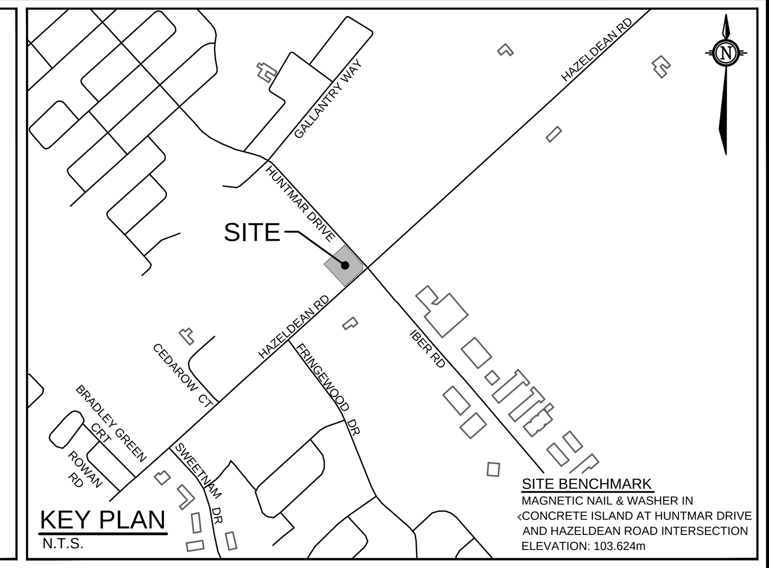

LEGEND

Symbol	Proposed	Symbol	Existing
	PROPOSED STORM MANHOLE AND SEWER	EX. STMMH	EXISTING STORM MANHOLE AND SEWER
	PROPOSED BARRIER CURB	EX.CB	EXISTING CATCHBASIN
DC	PROPOSED DEPRESSED CURB	EX. WMH	EXISTING WATER MANHOLE
	PROPOSED BUILDING ENTRANCE	T/G	EXISTING TOP OF GRATE
	PROPOSED LIGHT STANDARD	EX UP	EXISTING UTILITY POLE C/W GUY WIRES
	CLAY DIKE AS PER CITY OF OTTAWA DETAIL S8	LS	EXISTING LIGHT STANDARD
	STORM DRAINAGE AREA BOUNDARY	TSL	EXISTING LIGHT STANDARD
0.018	DRAINAGE AREA (HECTARES)	X	EXISTING FENCE
A1	DRAINAGE AREA I.D.	B	EXISTING BELL PEDESTAL
0.90	RUNOFF COEFFICIENT		EXISTING TREES / SHRUBS

PROPOSED BUILDING - ROOF DRAIN TABLE

AREA ID	ZURN SPECIFICATION	NOTCHES	POST DEVELOPMENT ZURN ROOFDRAIN CONTROL PARAMETERS					
			1:5 - YEAR EVENT			1:100 - YEAR EVENT		
			HEAD(m)	Q(l/s)	VOL(m³)	HEAD(m)	Q(l/s)	VOL(m³)
R-01	ZCF121-1W-X3-Z-105-10-77	1	0.11	1.25	7.56	0.15	1.63	16.41
R-02	ZCF121-1W-X3-Z-105-10-77	1	0.11	1.28	9.39	0.15	1.66	20.26
	TOTAL			2.53	16.95		3.29	36.67

ROOF AREAS R-01 TO R-02 WILL HAVE CONTROLLED ROOF DRAINS WHICH WILL DIRECT RUNOFF TO THE OUTLET VIA THE BUILDINGS INTERNAL PIPES.

REFER TO DRAWING 114004-SWM FOR STORMWATER MANAGEMENT.

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

M:\2014\114004\CAD\Design\114004-STM.dwg, STM, Jan 26, 2015 - 2:06pm, rgrayton

PRELIMINARY

No.	REVISION	DATE	BY
1.	ISSUED FOR SITE PLAN APPLICATION	JAN 26/15	DDB

SCALE 1:250

DESIGN DDB
CHECKED DDB
DRAWN RBG
CHECKED DDB
APPROVED DDB

FOR REVIEW ONLY

LICENSED PROFESSIONAL ENGINEER
D.D. BLAIR
100122737
Jan. 26/2015
PROVINCE OF ONTARIO

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CITY OF OTTAWA
15 HUNTMAR DRIVE
THE KEG KANATA

DRAWING NAME
STORM DRAINAGE AREAS PLAN

PROJECT No. 114004-00
REV REV # 01
DRAWING No. 114004-STM

PLANB1.DWG - 1000mmx707mm