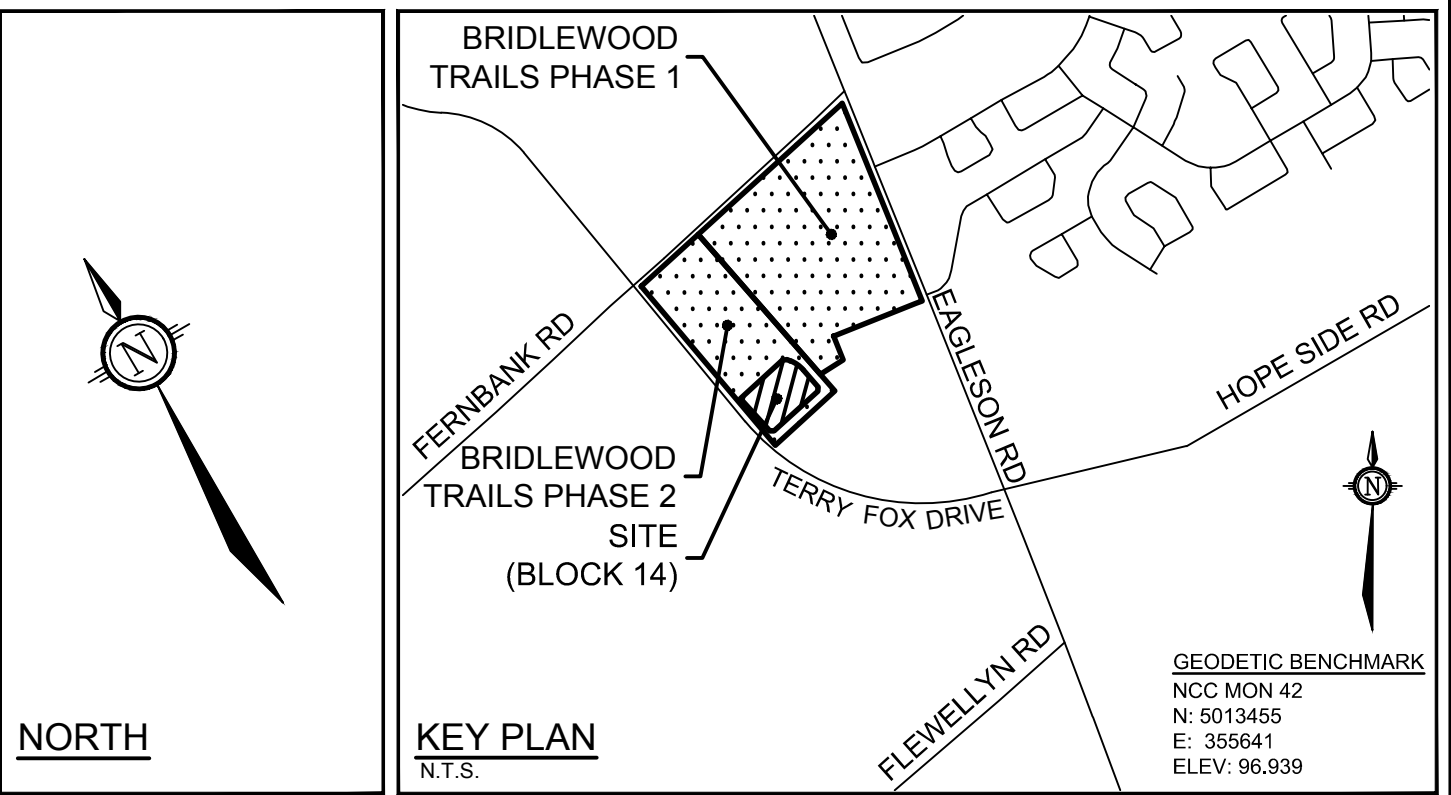
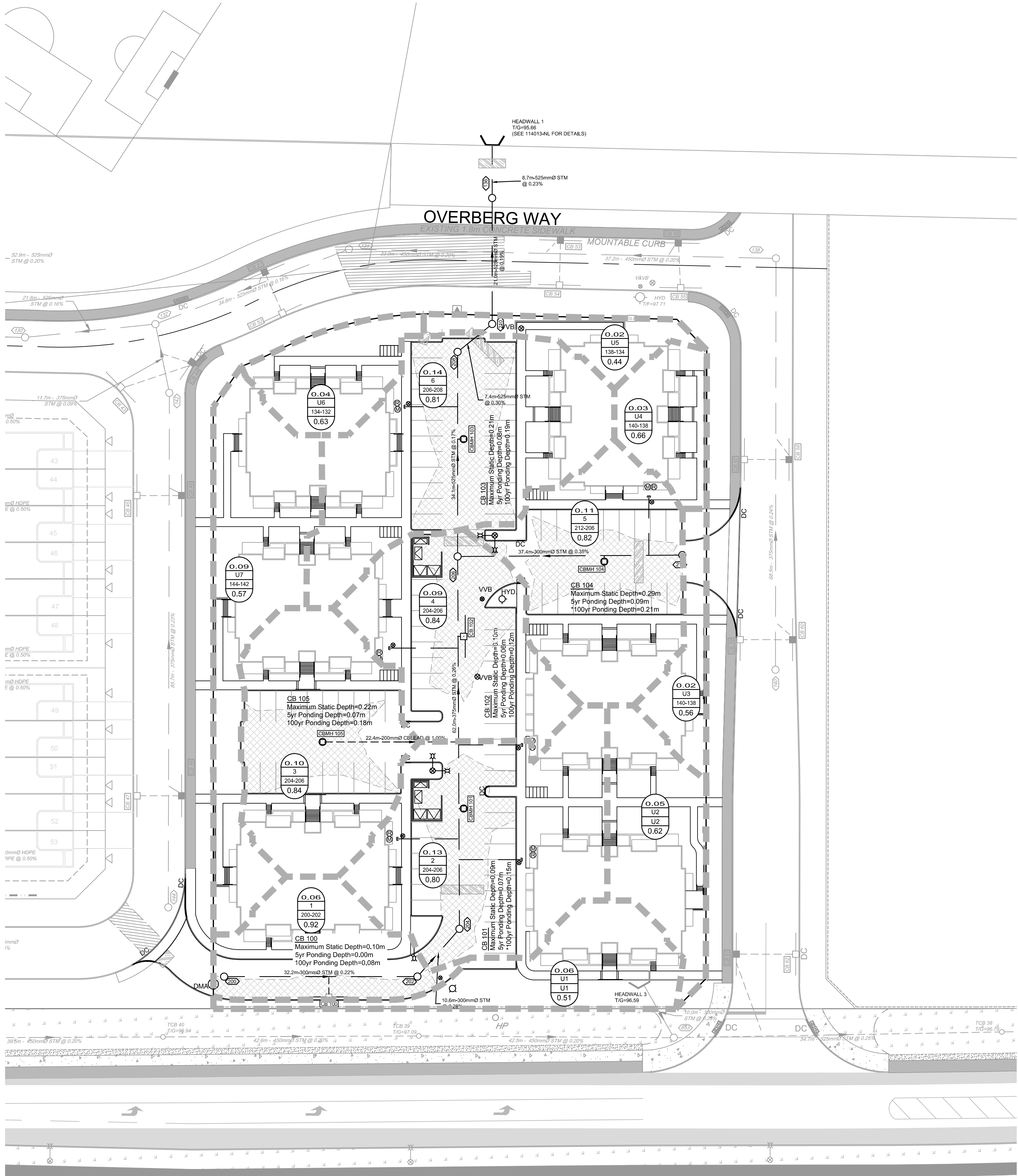




- LEGEND**
- PROPOSED STORM MH & SEWER WITH DIRECTION OF FLOW
 - PROPOSED ROAD CATCHBASIN WITH 3.0m SUBRAIN IN TWO DIRECTIONS (PARALLEL WITH CURB FACE)
 - PROPOSED CATCHBASIN MANHOLE
 - PROPERTY LINE
 - DRAINAGE AREA BOUNDARY
 - MAJOR OVERLAND FLOW ROUTE
 - PONDING - 1:100 YEAR EVENT
 - DRAINAGE AREA (hectares)
 - AREA IDENTIFICATION
 - MANHOLE TO MANHOLE
 - RUN-OFF COEFFICIENT

NOTES:

*100 YEAR PONDING DEPTH IS GREATER THAN THE MAXIMUM PONDING DEPTH DUE TO CASCADING WATER INTO THE NEXT AREA. THIS HAS BEEN ACCOUNTED FOR IN THE STORMWATER MANAGEMENT REPORT AND CONFORMS TO THE ALLOWABLE RELEASE RATE FROM THE SITE.

PONDING ¹				
CB No.	RIM ELEV. (m)	EVENT	WATER LEVEL ELEV. (DEPTH) (m)	STORAGE VOLUME (m ³)
CB 100	97.85	2yr	96.89 (0.00)	3.1
		5yr	97.24 (0.00)	
		100yr	97.93 (0.08)	
		Max	97.98 (0.13)	
		2yr	97.80 (0.00)	
CB 101	97.80	5yr	97.87 (0.07)	24.2
		100yr	97.97 (0.17)	
		Max	97.98 (0.18)	
		2yr	97.84 (0.00)	
		5yr	97.91 (0.06)	
CB 102	97.85	100yr	97.97 (0.12)	12
		Max	97.98 (0.13)	
		2yr	97.68 (0.00)	
		5yr	97.82 (0.08)	
		100yr	97.93 (0.19)	
CB 103	97.74	Max	97.97 (0.23)	28.3
		2yr	97.53 (0.00)	
		5yr	97.68 (0.09)	
		100yr	97.80 (0.21)	
		Max	97.86 (0.27)	
CB 104	97.59	2yr	97.56 (0.00)	19.0
		5yr	97.80 (0.07)	
		100yr	97.91 (0.18)	
		Max	97.97 (0.24)	
		2yr	97.80 (0.00)	
CB 105	97.73	5yr	97.80 (0.07)	20.5
		100yr	97.91 (0.18)	
		Max	97.97 (0.24)	
		2yr	97.80 (0.00)	
		5yr	97.80 (0.00)	

BASED ON PCSWMM MODEL (4-HOUR CHICAGO STORM DISTRIBUTION)

APPROVED ☐ REFUSED ☐

THIS ____ DAY OF ____, 20__

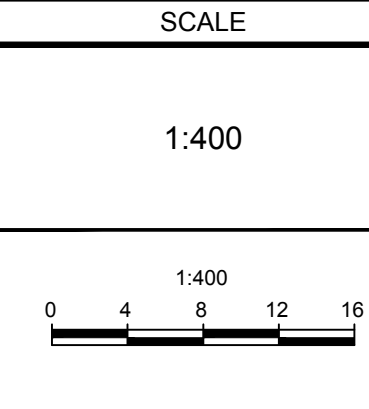
DERRICK MOODIE
MANAGER, DEVELOPMENT REVIEW - WEST
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

REFER TO 114013-NL FOR ADDITIONAL NOTES

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, 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.



No.	REVISION	DATE	BY
4.	REVISED AS PER SITE PLAN & CITY OF OTTAWA COMMENTS	SEPT 7/18	DDB
3.	REVISED AS PER SITE PLAN & CITY OF OTTAWA COMMENTS	MAY 8/18	DDB
2.	REVISED AS PER SITE PLAN & CITY OF OTTAWA COMMENTS	MAY 29/15	JAG
1.	ISSUED FOR SITE PLAN APPLICATION	SEPT 17/14	JAG



DESIGN
JAG/SAZ
CHECKED
DDB
DRAWN
RBG
CHECKED
JAG
APPROVED
DDB

FOR REVIEW ONLY



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Website www.novatech-eng.com

CITY OF OTTAWA
BLOCK 14 (BRIDLEWOOD TRAILS PHASE 2)
25 OVERBERG WAY

DRAWING NAME
STORM DRAINAGE AREAS PLAN

PROJECT No.	114013
REV	REV # 4
DRAWING No.	114013-STM