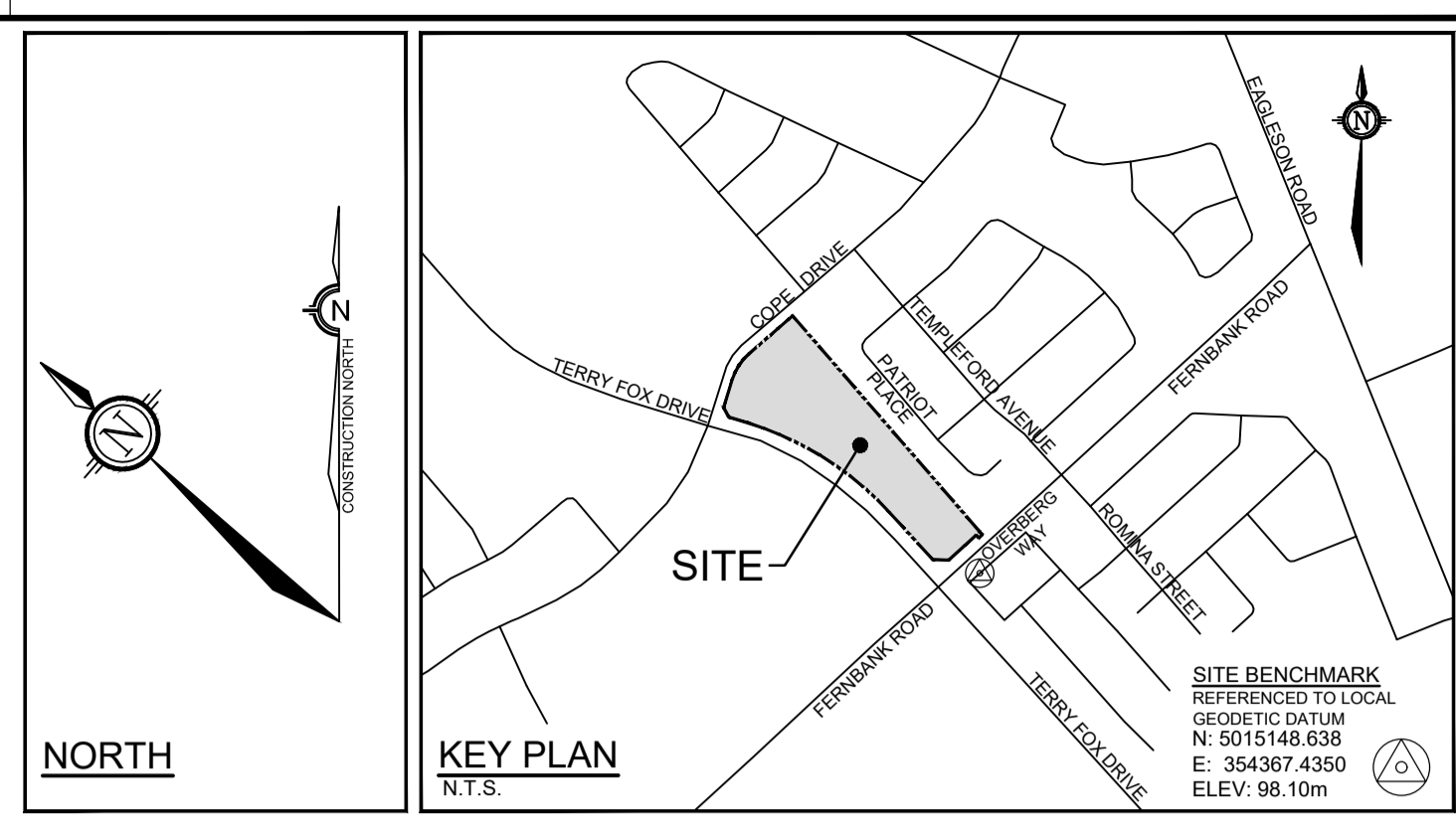


**NOTES:**  
 \*100 YEAR PONDING DEPTH IS GREATER THAN THE STATIC PONDING DEPTH DUE TO CASCADING WATER INTO THE NEXT AREA. THIS HAS BEEN ACCOUNTED FOR IN THE STORMWATER MANAGEMENT REPORT AND CONFORMS TO THE ALLOWABLE RELEASE RATE FROM THE SITE.



| PONDING <sup>1</sup> |               |        |                               |
|----------------------|---------------|--------|-------------------------------|
| CB No.               | RIM ELEV. (m) | EVENT  | WATER LEVEL ELEV. (DEPTH) (m) |
| CBMH10               | 96.85         | 2yr    | (0.00) 95.82                  |
|                      |               | 5yr    | (0.00) 96.79                  |
|                      |               | 100yr  | (0.29) 97.14                  |
|                      |               | Static | (0.30) 97.15                  |
| CBMH11               | 96.80         | 2yr    | (0.00) 96.41                  |
|                      |               | 5yr    | (0.07) 96.87                  |
|                      |               | 100yr  | (0.22) 97.02                  |
|                      |               | Static | (0.30) 97.10                  |
| CBMH12               | 96.83         | 2yr    | (0.00) 95.91                  |
|                      |               | 5yr    | (0.02) 96.85                  |
|                      |               | 100yr  | (0.25) 97.08                  |
|                      |               | Static | (0.30) 97.13                  |
| CBMH13               | 96.83         | 2yr    | (0.00) 95.83                  |
|                      |               | 5yr    | (0.03) 96.86                  |
|                      |               | 100yr  | (0.25) 97.08                  |
|                      |               | Static | (0.30) 97.13                  |
| CBMH14               | 97.25         | 2yr    | (0.00) 97.21                  |
|                      |               | 5yr    | (0.14) 97.39                  |
|                      |               | 100yr  | (0.31) 97.56                  |
|                      |               | Static | (0.30) 97.55                  |
| CBMH15               | 97.30         | 2yr    | (0.00) 97.58                  |
|                      |               | 5yr    | (0.00) 97.28                  |
|                      |               | 100yr  | (0.07) 97.37                  |
|                      |               | Static | (0.17) 97.47                  |
| CBMH16               | 97.45         | 2yr    | (0.00) 97.60                  |
|                      |               | 5yr    | (0.07) 97.37                  |
|                      |               | 100yr  | (0.17) 97.47                  |
|                      |               | Static | (0.30) 97.60                  |
| RYE01                | 97.45         | 2yr    | (0.00) 96.54                  |
|                      |               | 5yr    | (0.00) 97.39                  |
|                      |               | 100yr  | (0.15) 97.60                  |
|                      |               | Static | (0.15) 97.60                  |
| RYE02                | 97.20         | 2yr    | (0.00) 96.41                  |
|                      |               | 5yr    | (0.00) 96.05                  |
|                      |               | 100yr  | (0.01) 97.21                  |
|                      |               | Static | (0.15) 97.35                  |
| RYE03                | 97.70         | 2yr    | (0.00) 97.21                  |
|                      |               | 5yr    | (0.00) 97.40                  |
|                      |               | 100yr  | (0.00) 97.55                  |
|                      |               | Static | (0.15) 97.85                  |
| RYE04                | 97.30         | 2yr    | (0.00) 97.03                  |
|                      |               | 5yr    | (0.00) 97.21                  |
|                      |               | 100yr  | (0.09) 97.39                  |
|                      |               | Static | (0.26) 97.56                  |
| RYE05                | 97.35         | 2yr    | (0.00) 97.03                  |
|                      |               | 5yr    | (0.00) 97.28                  |
|                      |               | 100yr  | (0.10) 97.45                  |
|                      |               | Static | (0.25) 97.60                  |
| RYE06                | 97.05         | 2yr    | (0.00) 96.41                  |
|                      |               | 5yr    | (0.00) 96.95                  |
|                      |               | 100yr  | (0.12) 97.17                  |
|                      |               | Static | (0.25) 97.30                  |
| RYE07                | 96.85         | 2yr    | (0.00) 96.75                  |
|                      |               | 5yr    | (0.07) 96.92                  |
|                      |               | 100yr  | (0.20) 97.05                  |
|                      |               | Static | (0.35) 97.20                  |
| RYE08                | 96.85         | 2yr    | (0.00) 96.28                  |
|                      |               | 5yr    | (0.00) 96.80                  |
|                      |               | 100yr  | (0.14) 96.99                  |
|                      |               | Static | (0.22) 97.07                  |

| PONDING <sup>1</sup> |               |        |                               |
|----------------------|---------------|--------|-------------------------------|
| CB No.               | RIM ELEV. (m) | EVENT  | WATER LEVEL ELEV. (DEPTH) (m) |
| CBMH01               | 96.85         | 2yr    | (0.00) 96.75                  |
|                      |               | 5yr    | (0.06) 96.91                  |
|                      |               | 100yr  | (0.19) 97.04                  |
|                      |               | Static | (0.30) 97.15                  |
| CBMH02               | 96.70         | 2yr    | (0.00) 96.27                  |
|                      |               | 5yr    | (0.09) 96.79                  |
|                      |               | 100yr  | (0.29) 96.99                  |
|                      |               | Static | (0.30) 97.00                  |
| CBMH03               | 96.85         | 2yr    | (0.00) 96.41                  |
|                      |               | 5yr    | (0.09) 96.94                  |
|                      |               | 100yr  | (0.31) 97.16                  |
|                      |               | Static | (0.30) 97.15                  |
| CBMH04               | 97.15         | 2yr    | (0.00) 97.03                  |
|                      |               | 5yr    | (0.12) 97.27                  |
|                      |               | 100yr  | (0.30) 97.45                  |
|                      |               | Static | (0.30) 97.45                  |
| CBMH05               | 97.30         | 2yr    | (0.00) 96.85                  |
|                      |               | 5yr    | (0.06) 97.36                  |
|                      |               | 100yr  | (0.16) 97.46                  |
|                      |               | Static | (0.30) 97.60                  |
| CBMH06               | 97.35         | 2yr    | (0.00) 97.50                  |
|                      |               | 5yr    | (0.00) 96.54                  |
|                      |               | 100yr  | (0.24) 97.59                  |
|                      |               | Static | (0.30) 97.65                  |
| CBMH07               | 96.95         | 2yr    | (0.00) 97.65                  |
|                      |               | 5yr    | (0.00) 96.79                  |
|                      |               | 100yr  | (0.07) 97.02                  |
|                      |               | Static | (0.30) 97.25                  |
| CBMH08               | 96.85         | 2yr    | (0.00) 97.28                  |
|                      |               | 5yr    | (0.00) 96.55                  |
|                      |               | 100yr  | (0.26) 97.21                  |
|                      |               | Static | (0.30) 97.25                  |
| CBMH09               | 96.80         | 2yr    | (0.00) 96.55                  |
|                      |               | 5yr    | (0.13) 96.98                  |
|                      |               | 100yr  | (0.31) 97.16                  |
|                      |               | Static | (0.30) 97.15                  |

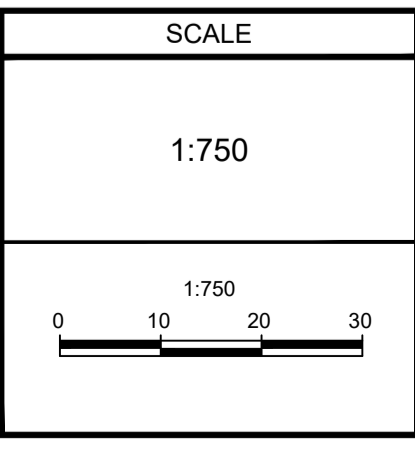
| PONDING <sup>1</sup> |               |        |                               |
|----------------------|---------------|--------|-------------------------------|
| CB No.               | RIM ELEV. (m) | EVENT  | WATER LEVEL ELEV. (DEPTH) (m) |
| RYE09                | 96.85         | 2yr    | (0.00) 96.28                  |
|                      |               | 5yr    | (0.00) 96.80                  |
|                      |               | 100yr  | (0.14) 96.99                  |
|                      |               | Static | (0.25) 97.10                  |
| RYE10                | 97.00         | 2yr    | (0.00) 96.55                  |
|                      |               | 5yr    | (0.00) 96.98                  |
|                      |               | 100yr  | (0.17) 97.17                  |
|                      |               | Static | (0.20) 97.20                  |
| RYE11                | 96.80         | 2yr    | (0.00) 96.35                  |
|                      |               | 5yr    | (0.07) 96.87                  |
|                      |               | 100yr  | (0.22) 97.02                  |
|                      |               | Static | (0.30) 97.10                  |
| RYT01                | 97.30         | 2yr    | (0.00) 96.54                  |
|                      |               | 5yr    | (0.00) 97.39                  |
|                      |               | 100yr  | (0.30) 97.60                  |
|                      |               | Static | (0.35) 97.65                  |
| RYT02                | 97.25         | 2yr    | (0.00) 97.21                  |
|                      |               | 5yr    | (0.14) 97.39                  |
|                      |               | 100yr  | (0.30) 97.55                  |
|                      |               | Static | (0.35) 97.60                  |
| RYT03                | 97.25         | 2yr    | (0.00) 97.55                  |
|                      |               | 5yr    | (0.00) 97.21                  |
|                      |               | 100yr  | (0.14) 97.39                  |
|                      |               | Static | (0.31) 97.56                  |
| RYT04                | 97.15         | 2yr    | (0.00) 97.49                  |
|                      |               | 5yr    | (0.00) 97.03                  |
|                      |               | 100yr  | (0.15) 97.60                  |
|                      |               | Static | (0.30) 97.45                  |
| RYT05                | 97.05         | 2yr    | (0.00) 97.49                  |
|                      |               | 5yr    | (0.00) 97.28                  |
|                      |               | 100yr  | (0.40) 97.45                  |
|                      |               | Static | (0.35) 97.40                  |
| RYT06                | 96.85         | 2yr    | (0.00) 96.41                  |
|                      |               | 5yr    | (0.09) 96.94                  |
|                      |               | 100yr  | (0.31) 97.16                  |
|                      |               | Static | (0.35) 97.20                  |
| RYT07                | 96.70         | 2yr    | (0.00) 96.27                  |
|                      |               | 5yr    | (0.00) 96.79                  |
|                      |               | 100yr  | (0.29) 96.99                  |
|                      |               | Static | (0.30) 97.00                  |
| RYT08                | 97.20         | 2yr    | (0.00) 96.27                  |
|                      |               | 5yr    | (0.00) 96.79                  |
|                      |               | 100yr  | (0.09) 97.36                  |
|                      |               | Static | (0.30) 97.45                  |
| RYT09                | 97.55         | 2yr    | (0.00) 96.27                  |
|                      |               | 5yr    | (0.00) 96.79                  |
|                      |               | 100yr  | (0.00) 97.17                  |
|                      |               | Static | (0.32) 97.57                  |
| RYT10                | 97.25         | 2yr    | (0.00) 97.20                  |
|                      |               | 5yr    | (0.00) 97.21                  |
|                      |               | 100yr  | (0.00) 97.55                  |
|                      |               | Static | (0.30) 97.55                  |

**APPROVED**  
 By Allison Hamlin at 12:48 pm, Jun 02, 2022

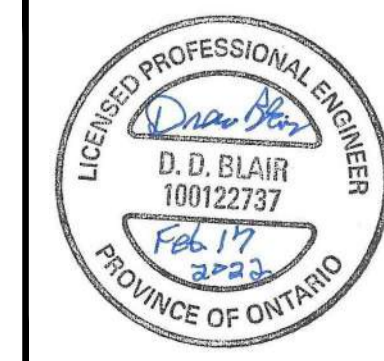
*Allison Hamlin*  
**ALLISON HAMLIN**  
 MANAGER (A), DEVELOPMENT REVIEW WEST  
 PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT  
 DEPARTMENT, CITY OF OTTAWA

**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  |
|-----|----------------------------------|-----------|-----|
| 3.  | REVISED PER CITY COMMENTS        | FEB 17/22 | DDB |
| 2.  | REVISED PER CITY COMMENTS        | NOV 5/21  | DDB |
| 1.  | ISSUED FOR CITY OF OTTAWA REVIEW | JUN 2/21  | DDB |



|          |     |
|----------|-----|
| DESIGN   | DDB |
| CHECKED  | MSP |
| DRAWN    | ATE |
| CHECKED  | DDB |
| APPROVED | MSP |



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 Website www.novatech-eng.com

CITY OF OTTAWA  
 5331 FERNBANK ROAD  
 FERNBANK ZENS

DRAWING NAME  
**STORM DRAINAGE AREA PLAN**

PROJECT No.  
 121011-00

REV # 3

DRAWING No.  
 121011-STM  
**#18539**

M:\2021\121011\121011-STM.dwg, STM, Feb 18, 2022 - 11:28am, grawdon

D07-12-21-0080