



- LEGEND**
- EXISTING WATERMAIN
  - EXISTING STORM MANHOLE
  - PROPOSED STORM MANHOLE
  - PROPOSED SANITARY MANHOLE
  - PROPOSED STORM CATCHBASIN MANHOLE (SINGLE)
  - PROPOSED STORM CATCHBASIN MANHOLE (DOUBLE)
  - PROPOSED DITCH INLET CATCHBASIN/CATCHBASIN
  - PROPOSED VALVE AND BOX
  - PROPOSED FIRE HYDRANT
  - OVERLAND FLOW ROUTE
  - PROPOSED WM CONN. WITH CURB STOP
  - PROPOSED SAN CONNECTION
  - PROPOSED STM CONNECTION
  - GROUNDWATER CONTOURS

**QUALITY/QUANTITY (SCS) POND 2 SUMMARY**

Stage	Storage Required	Storage Provided
Forebay Bottom	369.40	
Pond Bottom	369.70	
Permanent Pool	370.70	1,621 m <sup>3</sup>
Active Storage	371.60	1,143 m <sup>3</sup>
100 Yr Storage	371.72	4,134 m <sup>3</sup>
Spillway	372.10	5,930 m <sup>3</sup>
Pond Top	372.40	7,519 m <sup>3</sup>
Forebay Length	22.1 m	33.0 m
Forebay Width	2.8 m	17.0 m
Forebay Volume		463 m <sup>3</sup>

SUBMISSIONS: 1st \_\_\_ 2nd V 3rd \_\_\_ INTERIM \_\_\_  
 DATE: MARCH/25 Final \_\_\_

2025.03.27 ISSUED FOR FSR SUBMISSION  
 2024.06.24 ISSUED FOR FSR SUBMISSION  
 DATE DETAILS

**ELEVATION NOTE**  
 ELEVATIONS ARE OF GEODETIC ORIGIN (CGVD-1928/78), AND ARE DERIVED FROM GNSS OBSERVATIONS AND NATURAL RESOURCES CANADA'S GEOD MODEL HT2.0.

DESIGNED BY  
 ANDRZEJ JAWORSKI P.Eng.  
 CONSULTING ENGINEER

REVIEWED BY

DATE

DIRECTOR OF PUBLIC WORKS

**Urbtech Engineering Inc.**  
 1200 Speers Road, Suite 8, Oakville, Ontario, L6L 2X4  
 Telephone: 905 896 7364

**CLIFFORD (PARK STREET) DEVELOPMENTS INC.**  
 41 PARK STREET WEST  
 TOWN OF MINTO

**TOWN OF MINTO**

DRAWING NAME:  
**STORMWATER MANAGEMENT POND**

SCALE: 1:500 AREA: MINTO PROJECT No.: 22-471  
 DRAWN BY: G.J. CHECKED BY: A.J. PLAN No.: **POND1**