



- LEGEND**
- EXISTING GROUND CONTOUR AND ELEVATION
  - PROPOSED STORM SEWER
  - EXISTING STORM SEWER
  - PROPOSED CLEAN WATER SEWER
  - DRAINAGE AREA (ha) FOR MINOR SYSTEM (5 YEAR) FLOW RUNOFF COEFFICIENT
  - EXISTING DRAINAGE AREA (ha) RUNOFF COEFFICIENT
  - MINOR SYSTEM DRAINAGE AREA BOUNDARY
  - EXTERNAL/EXISTING MINOR SYSTEM DRAINAGE AREA BOUNDARY
  - OVERLAND FLOW ROUTE
  - DRAINAGE TO OUTLET A (TOTAL AxC = 4.68)
  - DRAINAGE TO OUTLET B (TOTAL AxC = 0.83)
  - DRAINAGE TO OUTLET C (TOTAL AxC = 2.296)
  - DRAINAGE TO OUTLET D (TOTAL AxC = 1.653)
  - EXT. 1 - EXTERNAL AREA ID
  - 12.63 ha - DRAINAGE AREA (ha)
  - 8.21 - RUNOFF COEFFICIENT x AREA (ha)
  - 16.70 min - TIME OF CONCENTRATION (min)
  - APPROXIMATE LOCATION OF UNDERGROUND STORMWATER STORAGE TANK (REFER TO SWM REPORT FOR DETAILS)

**NOTE:**

- 1) TOWNHOUSES TO HAVE STORM SERVICE CONNECTIONS UNLESS IDENTIFIED AS SLAB-ON-GRADE.
- 2) CATCHBASINS TO BE EQUIPPED WITH CB SHIELD (OR EQUIVALENT).

**BENCH MARK**  
ELEVATIONS ARE REFERRED TO THE CITY OF BURLINGTON BENCHMARK No. 404, ELEVATION: 150.372

**CITY OF Burlington**

**urbantech**

**NATIONAL HOMES**  
2100 BRANT STREET, CITY OF BURLINGTON  
**STORM SERVICING & DRAINAGE PLAN**

DESIGN BY: S.R.	CHECKED BY: J.O.	PROJECT No.: 17-533
DRAWN BY: L.O.	CHECKED BY: J.O.	DRAWING No. STM-1
SCALE: 1:750	DATE: MAY, 2017	

TYANDAGA GOLF COURSE

EXISTING RESIDENTIAL