



LEGEND:

● GEODESIC BENCHMARKS	— BUTLER CREEK CROSS SECTIONS	— TIMMINS FLOOD LIMIT	— URBAN BOUNDARY	— RECREATIONAL AREAS
× VERTICLE CONTROL POINT	— ONT TRAIL NETWORK	— 100 YEAR (10%AEF) FLOOD LIMIT	— RAIL ROAD TRACKS	— PARK / CONSERVATION AREA
● WATER AND WEATHER MON STATIONS	— BUTLER CREEK WATER COURSE	— 50 YEAR (10%AEF) FLOOD LIMIT	— MINOR CON (10m)	— GOLF COURSE
	— TIMMINS & CLIMATE CHANGE FLOOD LIMIT	— LOT AND CONCESSION LINES	— MAJOR CON (10m)	

CROSS SECTION NUMBER
CROSS SECTION LINE
CROSS SECTION

BUTLER CREEK STORM COMPARISON
WATER COURSE: BUTLER CREEK
SHEET: BSC2
SHEETS: 2 OF 4

DRAWN BY: ASG
 CHECKED BY: EF
 APPROVED BY: BK
 MAP DATE: 03_01_2024
 PROJECT NUMBER: 2305292

TOWNSHIP: MUNICIPALITY OF BRIGHTON
 COUNTY: NORTHUMBERLAND

PROJECT DIRECTOR:
 BRYON KEENE, P. ENG.

DESIGN ENGINEER:
 ELLIOTT FLEDDERUS, P. ENG.

LOWER TRENT CONSERVATION
 714 MURRAY ST. QUINTE WEST,
 ONT. K5V 0V1

BRIGHTON
 MUNICIPALITY OF BRIGHTON
 35 ALICE ST. P.O. Box 199
 BRIGHTON, ONT. K0K 1H0

JEWELL
 JEWELL ENGINEERING
 71 MILLENNIUM PARKWAY, UNIT 1
 BELLEVILLE, ONT.
 K8N - 4Z5

SCALE: 1:2000
 MAJOR CONTOUR INTERVAL: 5m
 MINOR CONTOUR INTERVAL: 1m
 LIDAR PROJECT CONTROL DATUM:
 HORIZONTAL DATUM: NAD 83 CSRS
 (EPOCH 2010.0)
 VERTICAL DATUM: CGVD 2013

GEOSPATIAL DATA REFERENCE:
 PHOTO IMAGERY WAS COLLECTED IN SOUTH CENTRAL ONTARIO ORTHOPHOTOGRAHY
 PROJECT 2015, IN PARTNERSHIP OF MNR & LAND INFORMATION ONTARIO
 LIDAR DATA WAS COLLECTED FOR BELLEVILLE QUINTE 2022 LIDAR COLLECTION, BY
 AIRBORNE IMAGING, BETWEEN OCT. 1st AND OCT. 24th, 2022.

KEY MAP

ELEVATIONS ARE IN METERS. BENCH MARK DATA WAS DOWNLOADED FROM COSINE Online Service, MNRF, <https://www.ontario.ca/page/geodesy>