



LEGEND:

GEODETIC BENCHMARKS

ARENA CREEK WATER COURSE

BUTLER CREEK WATER COURSE

WATER AND WEATHER MON STATIONS

ARENA CREEK PROFILE LINES

TMINS & CLIMATE CHANGE FLOOD LIMIT

100 YEAR (1%AEF) FLOOD LIMIT

50 YEAR (10%AEF) FLOOD LIMIT

REGIONAL FLOOD LIMIT

LOT AND CONCESSION LINES

URBAN BOUNDARY

RAIL ROAD TRACKS

ONT TRAIL NETWORK

TOPO CONTOURS

MIN CON (1m)

MAX CON (10m)

RECREATIONAL AREAS

PARK / CONSERVATION AREA

GOLF COURSE

CROSS SECTION NUMBER

CROSS SECTION

CROSS SECTION

ARENA CREEK STORM COMPARISON

WATER COURSE: ARENA CREEK

SHEET: ASC1

SHEETS: 1 OF 3

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

LOWER TRENT CONSERVATION
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ONT, K5V 0N1

BRIGHTON

MUNICIPALITY OF BRIGHTON
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JEWELL

JEWELL ENGINEERING
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GEOSPATIAL DATA REFERENCE:
PHOTO IMAGERY WAS COLLECTED IN DIGITAL RASTER ACQUISITION PROJECT EASTERN ONTARIO 2019-2020. IN PARTNERSHIP OF MNRF & LAND INFORMATION ONTARIO
LIDAR DATA WAS COLLECTED FOR EASTERN ONTARIO 2021-22 LIDAR COLLECTION

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

50 25 0 50 100

Meters

KEY MAP

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