PRE–DEVELOPMENT

POST–DEVELOPMENT

LEGEND

- PROPERTY LINE
- EXISTING CONTOUR (0.5m)
- EXISTING CONTOUR (1.0m)
- EXISTING OVERLAND FLOW DIRECTION
- EXISTING GRADE (215.00)
- PROPOSED SLOPE (3:1 MAX.)
- BUILDING ENTRANCE (PERSONNEL DOOR)
- BUILDING ENTRANCE (OVERHEAD DOOR)
- PROPOSED MAJOR OVERLAND FLOW DIRECTION
- EXISTING STORM DRAINAGE CATCHMENT
- PROPOSED STORM DRAINAGE CATCHMENT
- PROPOSED ELECTRICAL TRANSFORMER
- PROPOSED FIRE HYDRANT & GATE VALVE
- PROPOSED SIAMESE (FIRE DEPT.) CONNECTION
- CATCHMENT I.D. (ID) / AREA (ha) | RUNOFF COEFFICIENT

EX. 450mm ø CONC. STM @ 0.5%

EX. STM MH
T/G 84.36
N INV 81.85
S INV 81.85
W INV 82.60

101 | 0.11 | 0.61

102 | 0.21 | 0.82

201 | 0.29 | 0.82

UC01 | 0.03 | 0.65

PR. BUILDING
RESIDENTIAL APARTMENTS
# UNITS = 153
# STOREYS = 10
FFE = 84.50

PR. SWM STORAGE IN UNDERGROUND PARKING
ACTIVE VOLUME = 115 $m^3$
RE–USE VOLUME = 16 $m^3$
VOLUME REQUIRED = 135 $m^3$
AREA FOR ILLUSTRATION ONLY. FINAL DESIGN SUBJECT TO ARCHITECTURAL AND STRUCTURAL DESIGN AND SPECIFICATIONS.

EX. STM MH
T/G 83.87
N INV 81.50
E INV 81.42
W INV 81.43

EX. 525mm ø CONC. STM @ 0.60%

EX. 525mm ø CONC. STM @ 1.2%

EX. CULVERT

FERGUS AVENUE

LAKESHORE ROAD EAST

(FORMERLY LAKESHORE ROAD)

(BY NAME CHANGE BY–LAW No. 3943, REGISTERED AS BY–LAW No.695)

(ROAD ALLOWANCE BETWEEN CONCESSIONS 2 AND 3, S.D.S.)

No.1303
2 STOREY
BRICK BUILDING
D.S.=84.59

No.1303
STONE
D.S.=84.59
ROOF=92.24

1 STOREY STUCCO BUILDING

2 STOREY BRICK BUILDING

SCALE: 1:250

| No. | ISSUE / REVISION | YYYY/MMM/DD |
|---|---|---|
| 2 | ISSUED FOR 3RD SUBMISSION | 2023/FEB/10 |
| 1 | ISSUED FOR 2ND SUBMISSION | 2022/AUG/31 |
| 0 | ISSUED FOR 1ST SUBMISSION | 2021/OCT/04 |

**BENCHMARK NOTE:**

ELEVATIONS ARE REFERRED TO THE CITY OF MISSISSAUGA BENCHMARK NO. 291 LOCATED ON THE NORTH FACE, 0.61 M WEST OF THE EAST CORNER OF A WHITE BRICK BUILDING #1258, ON THE SOUTH SIDE OF LAKESHORE RD E, 113 m WEST OF FERGUS AVENUE, HAVING A PUBLISHED ELEVATION OF 84.11 METERS.

**SURVEY NOTES:**

SURVEY COMPLETED BY MANDARIN SURVEYORS LTD. (2021/AUG/24)
REFERENCE No.: 2021–282

BEARINGS ARE UTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS A AND B BY REAL TIME NETWORK (POWERNET) OBSERVATIONS
UTM ZONE 17, NAD83 (CSRS)

**SITE PLAN NOTES:**

DESIGN ELEMENTS ARE BASED ON SITE PLAN BY CHAMBERLAIN ARCHITECT SERVICES LTD.
DRAWING No.: A001, REV.4 (2023/FEB/08) (RECEIVED FEB 2023)
PROJECT No.: 121027

**DRAWING NOTES:**

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THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS, AND DATUMS ON SITE AND REPORT ANY DISCREPANCIES OR OMISSIONS TO THIS OFFICE PRIOR TO CONSTRUCTION.

THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT. DO NOT SCALE THIS DRAWING.

ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

NOT FOR CONSTRUCTION

Stamp

FOR REVIEW

Project

RESIDENTIAL MID–RISE
1303 LAKESHORE RD E
CITY OF MISSISSAUGA

Drawing

PRE– AND POST–DEVELOPMENT
DRAINAGE PLAN

CROZIER CONSULTING ENGINEERS
2800 HIGH POINT DRIVE
SUITE 100
MILTON, ON L9T 6P4
905.875.0026 T
905.875.4915 F
WWW.CFCROZIER.CA

| Drawn | Design | Project No. | |
|---|---|---|---|
| J.B./R.L. | J.B./J.L. | 2109–6004 | |
| Check | Check | Scale | Dwg. |
| J.B./R.L. | M.B./N.C. | 1:250 | FIG 1 |