LEGEND

- LIMIT OF PROPERTY
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- EXISING STORM MANHOLE
- PROPOSED STORM MANHOLE
- EXISING OVERLAND FLOW ROUTE
- PROPOSED OVERLAND FLOW ROUTE
- DRAINAGE AREA BOUNDARY
- 0.36 / 0.45 - AREA (HECTARES) - RUN-OFF COEFFICIENT
- EX. DRAINAGE AREA BOUNDARY
- 0.36 / 0.45 - EX. AREA (HECTARES) - RUN-OFF COEFFICIENT

(ORIGINALLY WIDENED BY INST. 40832)
(GIVEN ROAD)
PIN 13359 – 2443

CENTRE LINE OF ASPHALT PAVEMENT

EX. CONCRETE CURB

EX. BOTTOM OF BANK

CONCRETE CURB

EX. CONCRETE SIDEWALK

CONCRETE RETAINING WALL

LOT 3
RANGE 1
SOUTH OF DUNDAS STREET
RACEY TRACT
PIN 13440-0314

BLOCK
(10' WIDEN
PIN 13395-

BLOCK D
(1' RESERVE)
PIN 13440-0321

LOT 115
PIN 13440-0089

M-151

PLAN

LONG TERM STABLE SLOPE LINE AS CALCULATED BY TERRAPROBE INC. ON SEPTEMBER 4, 2018

TOP OF BANK STAKED OUT BY CVC AND CITY OF MISSISSAUGA AUGUST 3, 2018.

NATURAL FEATURE STAKED OUT BY CVC AND CITY OF MISSISSAUGA AUGUST 3, 2018.

10.0m SETBACK FROM NATURAL FEATURE

PROPOSED CONVENT
FIN. FL. 116.70

PROPOSED RETIREMENT HOME
FIN. FL. 116.70
GARAGE. 113.20

PROPOSED SENIORS APARTMENTS
FIN. FL. 116.70
GARAGE. 113.20

FIN. FL. 116.70
No. CONVENTICAL CHAPEL ENTRANCE

PROP. 1.50m ASPHALT SIDEWALK

PROP. 1.50m CONC. SIDEWALK

PATIO

TERRACE

EX. PAVESTONES RAMP

EX. CONCRETE

EX. COUNTER CURB

RAMP DOWN TO UNDERGROUND PARKING

LIMIT OF UNDERGROUND PARKING

MAIN ENTRANCE

EX. STATUE

EX. CHAMBERS

CULTEC H20 STORM STORAGE CHAMBER
8 ROWS, 8OUNITS (VOLUME = 257.00m3)
COMPLETE WITH CLEAR STONE GRAVEL BED
BOTTOM OF THE SYSTEM 113.50

STORM IRRIGATION CHAMBER 5.2x5.2m VOLUME 27.0m3

SURFACE BIO SWALE / RAIN GARDEN AREA

STABLE PERMEABLE SURFACE

STM MH 6
OPSD701.010
TOP 116.17
S 113.70
E 113.70
N 114.55 OVERFLOW
INV. 113.45

STM MH 5
OPSD701.010
TOP 116.10
S 114.16
N 114.11
E 114.16

STM MH 4
OPSD.701.010
TOP 116.00
S 114.45

STM MH 3
OPSD.701.010
TOP 115.90
S 114.25

STM MH 2
OPSD 701.010
TOP 116.00
E 114.40
N 113.95
S 113.90

STM MH 1
OPSD 701.010
TOP 115.80
N 113.73
SE 113.70

CB
OPSD.705.010
TOP 116.20
INV. 113.90

CB
OPSD.705.010
TOP 116.10
INV. 114.70

CB
OPSD.705.010
TOP 116.00
INV. 114.45

CB
OPSD.705.010
TOP 116.00
INV. 114.40

CB
OPSD.705.010
TOP 115.70
INV. 114.00

CB
OPSD.705.010
TOP 116.10
INV. 114.45

CBMH 4
OPSD.701.010
TOP 116.00
S 114.45

CBMH 3
OPSD.701.010
TOP 115.90
S 114.25

INSPECTION AND MAINTENANCE ACCESS

0.23 / 0.60

0.85 / 0.70

0.88 / 0.60

EX. HYDRO TRANSFORMER TO BE REMOVED

5.0m – 450ø STM P.V.C. SDR 35 @ 1.00%

30.00m75.0m – 450ø STM PVC SDR 35 @0.50%

7.5m – 200ø STM LEAD@ 0.50%

57.5m – 300ø STM PVC SDR 35 @0.50%

60.0m – 300ø STM P.V.C. SDR 35 @ 0.50%

34.5m – 450ø STM P.V.C. SDR 35 @ 0.50%

3.0m – 200ø STM LEAD@ 0.50%

16.0m – 250ø STM @ 1.00%

15.5m – 300ø STM @ 0.50%

28.00m @ 0.10%

8.00

28.07

26.55

8.52

20.20

8.00

EX. TIMBER WALL

EX. BOARD FENCE

EX. CHAIN LINK FENCE

EX. WROUGHT IRON FENCE

N445°44'30"W
(REFERENCE BEARING)

378.35
(P1&M2&3)

BLOCK F
PIN 13440-0036

LOT 84
PIN 13440-0037

LOT 85
PIN 13440-0038

LOT 86
PIN 13440-0039

LOT 87
PIN 13440-0040

LOT 88
PIN 13440-0041

LOT 89
PIN 13440-0042

LOT 90
PIN 13440-0043

LOT 91
PIN 13440-0044

LOT 92
PIN 13440-0045

LOT 93
PIN 13440-0046

LOT 94
PIN 13440-0047

LOT 95
PIN 13440-0048

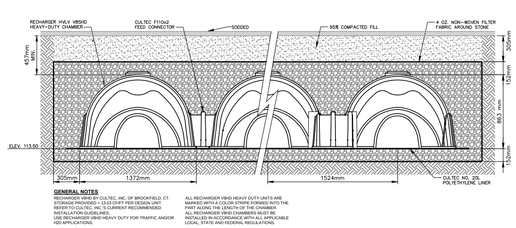
LOT 96

LOT 97
PIN 13440-0050

LOT 98
PIN 13440-0051

LOT 99

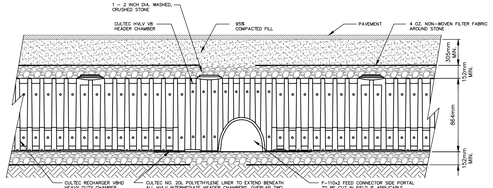
LOT 114
PIN 13440-0088
REGISTERED



GENERAL NOTES

1. RECHARGER 330HD BY CULTEC, INC. OF BROOKFIELD, CT. STORAGE PROVIDED = 13.03 CF/FT PER DESIGN UNIT REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES FOR USE RECHARGER 330HD HEAVY DUTY FOR TRAFFIC AND/OR H20 APPLICATIONS.
2. ALL RECHARGER 330HD HEAVY DUTY UNITS ARE MARKED WITH A COLOR STRIPE FORMED INTO THE PANT ALONG THE LENGTH OF THE CHAMBER.
3. THE CHAMBER SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

CULTEC RECHARGER V8 HD HEAVY DUTY TYPICAL CROSS SECTION
N.T.S.



CULTEC MANIFOLD DETAIL
N.T.S.

SKIRA & ASSOCIATES LTD.
CONSULTING ENGINEERS
3464 Semenyk Court, Suite 100, Mississauga, Ontario L5C 4P8
Tel. (905) 276-5100 Fax. (905) 270-1036 Email - info@skiraconsult.ca

STORM DRAINAGE PLAN

PROJECT No. 215-M82	FIGURE No. 2B
DATE - OCTOBER 2018	
SCALE - 1 : 400	DRAWN BY - M.C.