DIXIE ROAD

PRIMATE ROAD

WEALTHY PLACE

AREA C

AREA D

EXTERNAL 1
0.2829HA
C=0.30

3.0m UTILITY EASEMENT

DEAD END BARRICADE AS PER OPSD. 912.532

3 M (REGION WIDENING)

3.0m LANDSCAPED BUFFER

2.0m CONC. SIDEWALK

SOAKWAY PIT(TYP) REFER TO DETAIL ON DWG 17-017-09

EX.CBMH#31 inv=108.585

Ex.30.05m-300mm∅ PVC. STM

EX.CBMH#30 inv=108.295

inv=108.326

Ex.150mm∅ PERFORATED PIPE SUB-DRAIN

EX.CBMH#25 inv=108.865

Ex.30.48m-300mm∅ PVC. STM inv=107.482

EX.CBMH#24 inv=107.462

EX.CB#21 inv=108.752

Ex.25.60m-300mm∅ PVC STM inv=107.372

EX.DCB#20 inv=107.088

EX.MH#19 inv=107.246

Ex.16.46m-300mm∅ PVC STM inv=107.164

EX.CBMH#22 Ex.21.16m-300mm∅ PVC STM inv=107.079 (OUT)

PROP. INV.107.18

EX.CBMH#23 inv=107.372

31.19m-300mm∅ PVC. STM @ 1.0%

47.66m-750mm∅ CONC. STM @ 0.40%

10.77m-300mm∅ CONC. STM @ 0.50%

17.52m-300mm∅ PVC. STM @ 0.50%

51.59m-750mm∅ CONC. STM @ 0.40%
C/W 450mm∅ REDUCER

29.18m-300mm∅ PVC. STM @ 0.50%

8.52m-375mm∅ PVC. STM @ 0.25%
c/w 1.0m-125mm∅ ORIFICE PIPE REDUCER

CHAMBERMAXX STORAGE FACILITY
VOL=151.7m³
INVERT=107.37
SEE DETAILS ON DWG. 17-017-09
SUBSURFACE INFILTRATION BED BELLOW CHAMBERMAXX FACILITY
BED AREA=240sq.m
DEPTH=0.20m
STORAGE VOLUME=19.20cu.m

1.74m-450mm∅ CONC. STM @ 1.0%
INLET NV.107.37

20.0m-825mm∅ CONC. STM @ 0.50%

8.42m-600mm∅ CONC. STM @ 0.50%

18.32m-600mm∅ CONC. STM @ 0.40%

15.25m-450mm∅ CONC. STM @ 0.50%

DCB#17

CULVERT# 1 | CULVERT# 2 | CULVERT# 3 | CULVERT# 4 | CULVERT# 5 | CULVERT# 6 | CULVERT# 7 | CULVERT# 8

STONE RETAINING WALL

EX.STM MH

EX.STM MH NV=106.700

EX.D/W

EX.HP

EX.DITCH INLET

EX.CATCHBASIN

EX.SWALE

EDGE OF PAVEMENT

TOP OF BANK

EX. DITCH

PROPOSED CENTRELINE OF PAVEMENT

PROJECT FENCE

LIMIT OF PAVEMENT

LOT 20 P.I.N. 13342-0931

LOT 21 P.I.N. 13342-0932

LOT 23 P.I.N. 13342-0933

LOT 24 P.I.N. 13342-0934

LOT 32 P.I.N. 13342-0922

LOT 33 P.I.N. 13342-0923

LOT 35 P.I.N. 13342-0925

LOT 36 P.I.N. 13342-0926

(TRANSFERRED BY ORDER-IN-COUNCIL OC-1472/64, REGISTERED AS PART 1, PLAN TT167580 (P-1857-238))

TRANSFERRED BY ORDER-IN-COUNCIL OC-1472/64, REGISTERED AS PART 1, PLAN TT167580 (P-1857-239)

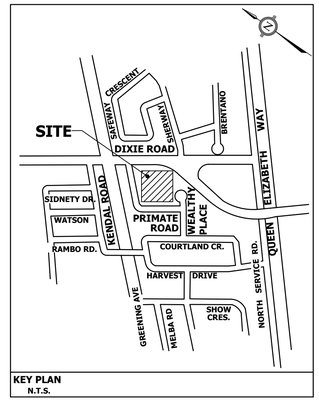
P.I.N. 13337-0636

SOUTH PART OF LOT 6, CONCESSION 1 SOUTH OF DUNDAS STREET

POST-DEVELOPMENT DRAINAGE SUMMARY

AREA C (TO DIXIE ROAD)		
	COEFF	AREA HA
BLDG	0.90	0.1792
LA	0.25	0.3955
DW	0.90	0.0545
ROAD	0.90	0.1891
SW	0.90	0.0645
EXTERNAL	0.30	0.2829
TOTAL	0.53	1.1657

AREA D (TO WEALTHY PLACE AND PRIMATE ROAD)		
	COEFF	AREA HA
BLDG	0.90	0.0777
LA	0.25	0.1219
DW	0.90	0.0291
TOTAL	0.50	0.2287



KEY PLAN
N.T.S.

PLAN OF SURVEY SHOWING TOPOGRAPHY OF LOTS 26, 27, 28, 29, 30 AND 31 AND PART OF LOT 18
REGISTERED PLAN 473 AND PART OF LOT 6, CONCESSION 1 SOUTH OF DUNDAS STREET
(GEOGRAPHIC TOWNSHIP OF TORONTO)
CITY OF MISSISSAUGA REGIONAL MUNICIPALITY OF PEEL

LEGEND

- STORM DRAINAGE AREA
- 489m2 / 0.9 — AREA IN m² / COEFFICIENT
- DENOTES BUILDING AREA
- DENOTES LANDSCAPING AREA
- DENOTES DRIVEWAY AREA
- DENOTES ROAD AREA
- DENOTES SIDEWALK AREA

BENCHMARK NOTE

ELEVATIONS SHOWN HEREON ARE REFERRED TO THE CITY OF MISSISSAUGA BENCHMARK No. 351 HAVING AN ELEVATION OF 108.675 METRES LOCATED ON THE EAST FACE AT THE MAIN ENTRANCE OF APPLEWOOD PUBLIC SCHOOL ON THE WEST SIDE OF HARVEST DRIVE, 30.5 METRES SOUTH OF KENDALL ROAD.

REVISION BLOCK		DATE	APPR. BY
2.	CITY COMMENTS FROM AUGUST 8, 2018	OCT.16/2018	M.E.H.
1.	FIRST SUBMISSION	JAN.09/2018	S.Ng.

CITY PARK (DIXIE) INC.

2103-2119 PRIMATE ROAD, 1351 & 1357 WEALTHY PLACE, 2116& 2112 DIXIE ROAD

LICENSED PROFESSIONAL ENGINEER — M.E.HALL — OCT.16/18 — PROVINCE OF ONTARIO

APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF CONDELAND ENGINEERING LIMITED AS TO DESIGN AND SPECIFICATION

DIRECTOR OF DEVELOPMENT/ TRANSPORTATION ENGINEERING
DATE:

CONDELAND
CONSULTING ENGINEERS & PROJECT MANAGERS
350 Creditstone Road, Unit 200
Concord, Ontario L4K 3Z2
P: (905) 695-2096
F: (905) 695-2099

MISSISSAUGA | Region of Peel Working for you

STORM TRIBUTARY PLAN

DESIGNED BY: M.E.H./ S.N.	DATE: OCTOBER 2018	CHECKED BY: M.E.H.	
DRAWN BY: G.M./ M.A.	DRAWING NO. 17-017-06		
SCALES HOR 1:300		CITY FILE DARC 17-192	