



EXISTING DRAINAGE AREA			
AREA I.D.	TOTAL AREA (m ²)	RUNOFF COEFFICIENT C _{YEAR}	COMMENTS
1	3270	0.30	100% VEGETATED AREA
2	494	0.60	49% ASPHALT AREA 51% VEGETATED AREA
3	520	0.35	9% ASPHALT AREA 91% VEGETATED AREA
4	315	0.42	15% ASPHALT AREA 74% VEGETATED AREA 11% GRAVEL AND CONCRETE AREA
5	390	0.90	PREVIOUSLY DEVELOPED AREA; NOT INCLUDED IN DESIGN

SURFACE RUNOFF DISTRIBUTION				
LOCATION	TOTAL AREA (m ²)	A X C C _{YEAR}	% TOTAL A X C C _{YEAR}	DRAINAGE AREAS
EXISTING 250mm STORM SEWER (NORTHEAST OF SITE BOUNDARY)	100	75	3.8%	A4
EXISTING 375mm STORM SEWER (EAST OF SITE BOUNDARY)	1230	564	28.6%	A2 & A3 & A4
EXISTING 525mm STORM SEWER (SOUTH OF SITE BOUNDARY)	3660	1332	67.6%	A1 & A5
TOTAL SITE	4990	1971	100%	-

LEGEND

- EXISTING MANHOLE
- ▣ EXISTING CATCH BASIN
- EXISTING ELEVATION
- EXISTING CURB
- PROPERTY EXTENTS
- ▨ EXISTING ASPHALT
- ▤ EXISTING CONCRETE SIDEWALK
- ▥ EXISTING VEGETATED AREA
- ▧ EXISTING RIVER STONE
- ▩ EXISTING CONCRETE RETAINING WALL

CATCHMENT ID: A1
DRAINAGE AREA (ha): 0.327 0.300
RUNOFF COEFFICIENT (ha):

— CATCHMENT EXTENTS
- - - PROPERTY EXTENTS
→ DIRECTION OF SURFACE RUNOFF

03	2022-09-06	ISSUED FOR SITE PLAN APPROVAL
02	2022-06-16	ISSUED FOR SITE PLAN APPROVAL
01	2022-01-19	ISSUED FOR SITE PLAN APPROVAL
00	2021-12-21	ISSUED FOR CLIENT REVIEW
No.	YYYYMMDD	ISSUED

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STAMP: PERMIT TO PRACTICE
A.L.A. SILLARD
10050816
12-05-19
PROVINCE OF ONTARIO

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PROJECT: 301 PALLADIUM DRIVE

DRAWING: EXISTING DRAINAGE AREA PLAN

DESIGN	DD	DATE	2022-09-06	SCALE	1:800
DRAWN	DD	PROJECT NO.	210390900		
CHECKED	AA	DRAWING NO.		VERSION	
APPROVED	AA				C004

1:800 HORIZONTAL
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