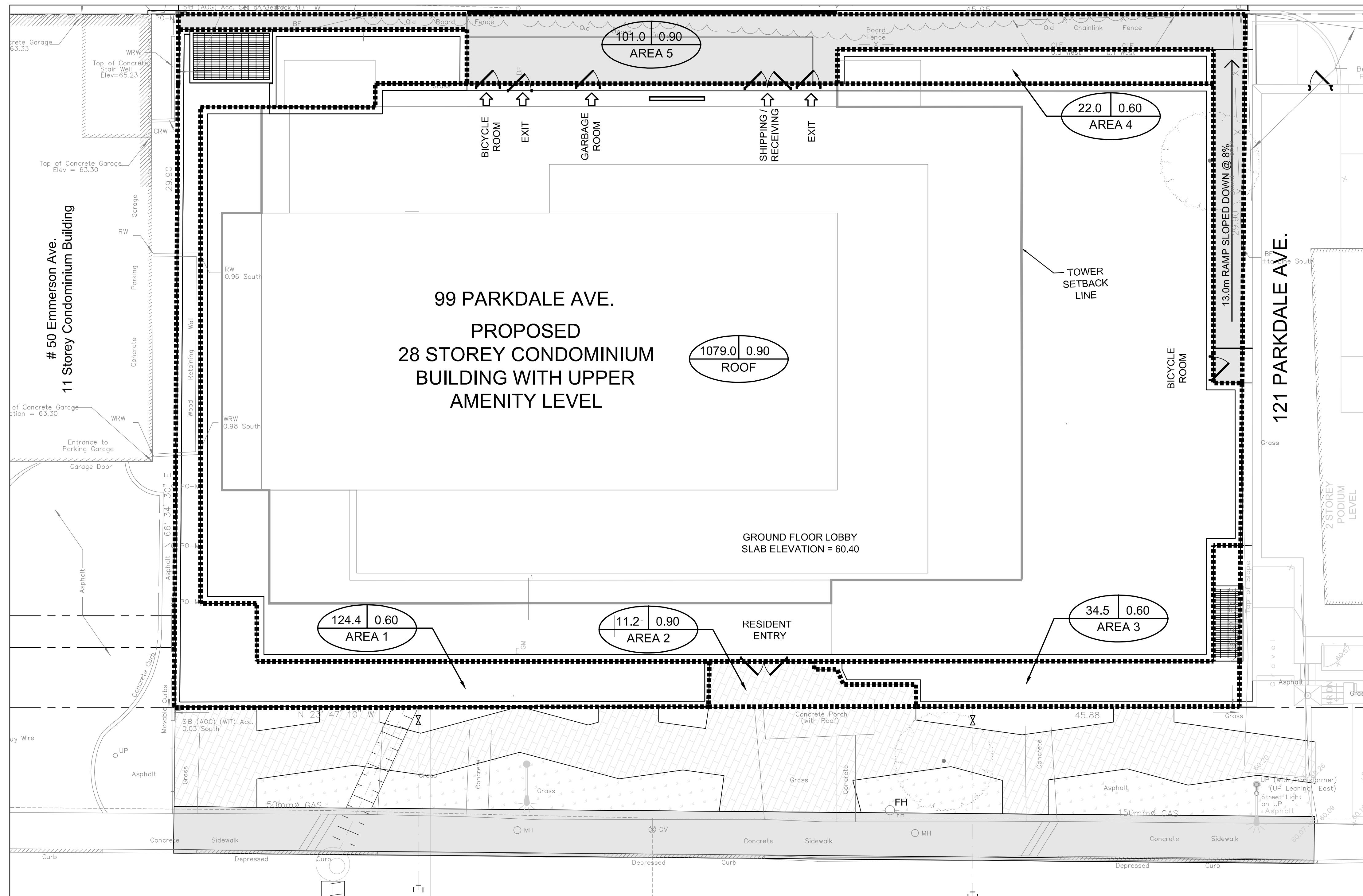
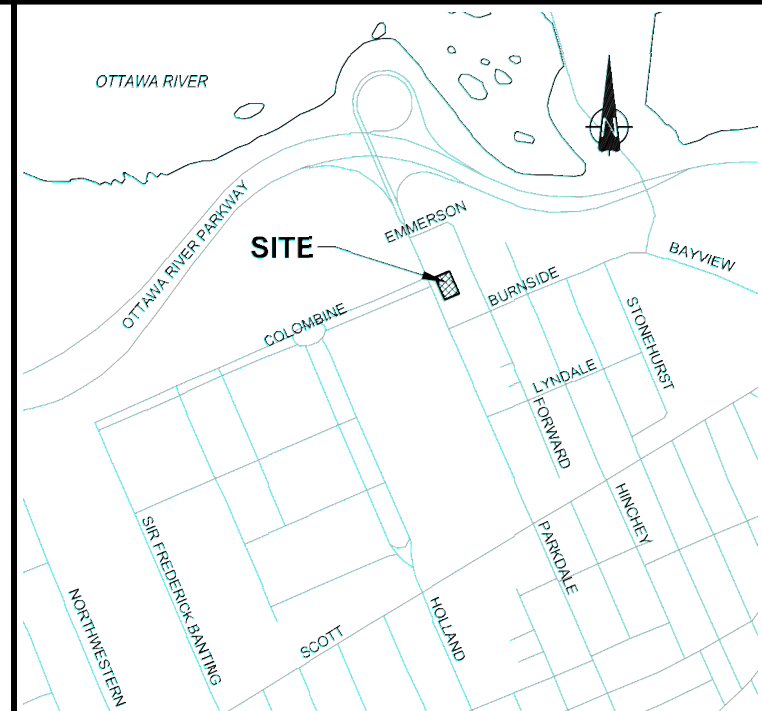


PRE DRAINAGE PLAN - SCALE 1:250



POST DRAINAGE PLAN - SCALE 1:100



LEGEND

- AREA IN SQUARE METRES
- RUNOFF COEFFICIENT (15 min)
- DRAINAGE AREA NUMBER
- POST DRAINAGE BOUNDARY
- POST DRAINAGE BOUNDARY
- AREA IN METRES
- RUNOFF COEFFICIENT
- CONCRETE SURFACE
- GRASS SURFACE
- INTERLOCK PATHWAY

NOTE: AREA NOTED WITH RUNOFF COEFFICIENT OF 0.60 REFLECTS PLANTERS

STORMWATER MANAGEMENT REQUIREMENTS:

TO LIMIT POST-DEVELOPMENT FLOWS TO THE ALLOWABLE RELEASE RATE, THE FOLLOWING SHOULD BE INCORPORATED INTO THE BUILDING DESIGN BY THE MECHANICAL ENGINEER:

- RUNOFF FROM THE CONDOMINIUM TOWER THAT IS COLLECTED INTERNALLY BY DRAINPIPES AND SEWERS IS TO BE CONVEYED TO A CENTRALIZED CISTERN STORAGE TANK WHICH WILL BE DESIGNED BY THE MECHANICAL ENGINEER WITH A MINIMUM STORAGE VOLUME OF 24 M³.
- THE CISTERN STORAGE TANK TO INCORPORATE A CUSTOM INLET CONTROL DEVICE (ICD) SIZED BY THE MECHANICAL ENGINEER TO RELEASE A MAXIMUM OUTFLOW RATE OF 25.6 L/S (WHEN FULL) BASED ON THE MAXIMUM HEAD DIFFERENTIAL.
- CISTERN STORAGE TANK TO INCORPORATE AN OVERFLOW DRAIN BEYOND THE 24 M³ OF CONTAINMENT, THE OVERFLOW TO BE DESIGNED BY THE MECHANICAL ENGINEER WITH SUFFICIENT CAPACITY TO EVACUATE EXCESS RUNOFF BEYOND THE CAPACITY OF THE CISTERN STORAGE TANK.

AREAS	0.60	0.90
1	124.4	
2		11.2
3	34.5	
4	22.0	
5		101.0
ROOF		1079.0

01	ISSUED TO CITY FOR REVIEW - FIRST SUBMISSION	22/10/2019
No.	ISSUE / REVISION	DD/MM/YY

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VERIFY SHEET SIZE AND SCALES. BAR TO THE RIGHT IS 25mm IF THIS IS A FULL SIZE DRAWING.

SCALE: 1:100

CLIENT:

BRIGIL

CONSULTANT: www.jrichards.ca

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PROJECT:

99 PARKDALE AVENUE

OTTAWA ONTARIO

DRAWING:

DRAINAGE AND STORMWATER MANAGEMENT PLAN

DESIGN: SP	DRAWING #:
DRAWN: SP	DST
CHECKED: LD	
JLR #: 25205-100	