## COUNTY OF HENRICO VIRGINIA

## **INTER-OFFICE MEMORANDUM**

					POD2023-00273: Virginia Center			
To:	Planning Office			Subje	ct:	Commons Ho	tels	and Restaurants
	Henrico County	Polic	e Division,		•			
From:	Community Serv	/ices	Unit	Date:	_	July 7, 2023		
Zoning	23-00273 Classification: B-3C ng Case(s): C-113C-8							
Principl	e Plan Type (check	one):						
	POD		Site Plan (Minor)		Site	Plan w notice		TUP
-=-	Landscape Plan		Lighting Plan		POD	Revision		CUP
	Master Plan	$\boxtimes$	FCP					
Secondary Plan Type (click one):  Landscape Plan								
Pro	vide new plans/info vide a response ado	ormat	ing items for Henric tion with details to a ing the items and/o	ddress	item	s noted below.		nt.
	ecific Comments:							
-		subn	nitted but has not b	een co	mple	ted for both hot	els.	

- 2. Fixture MAA/MAF pivots. All lights shall be directed downward.
- 3. There are many light/tree conflicts. Please try to reduce the conflicts.
- 4. Provide access control around outdoor patio areas. Fence, gates and access control measures are recommended.
- 5. See best practices noted below.

Lands	cape Plan Best Practices:				
	Show light pole locations on the landscape plan in an attempt to avoid conflicts. The location of the light poles in relation to the trees needs to be considered, especially in parking lots and areas along the building's edge. The two should not be located in the same area, as illumination will be reduced as the tree matures.  Provide conflict locations: too many to list				
	Trovide connectocations. too many to list				
	All shrubs and trees should be trimmed to allow for maximum visibility to and from the site and from within the site. Shrubs should have a natural growth habit of no more than 2 ½ to 3 feet, or should be maintained at this height, especially when located along an entrance, walkway or in a parking area.  Ensure this is met				
	Trees located around the buildings, walkways and parking areas should have a natural growth habit that is a tree-form, non-pyramidal shaped tree. If this cannot be done, the canopy of the trees should be maintained at least 4 feet from the ground as the tree matures.  Note on landscape plans				
	If a buffer is required along (name of streets), consideration should be given to maximizing visibility to and from the site. This can be accomplished in several ways – grouping of shrubs, naturally low growing shrubs or planting shrubs with good lines of sight between them. The goal is to provide as much visibility to and from the site as possible.				
Lighti	ng Plan Comments:				
Doe	s all lighting meet the following code requirements shown in Table 5503A?				
entr	s the application show 1.0 foot-candles along the entire building edge and at the primary ances?				
Yes 🔀 / No 🗌					

Table 5503A: Average Illuminance (Minimum and Maximum)					
Site Feature	Minimum (foot candles)	Maximum (foot candles)			
Pedestrian pathway for R-5A, townhouse, and detached condominium projects <sup>[1]</sup>	0.5	2			
Pedestrian pathway for multifamily and nonresidential development	1	3			
Surface parking lot, other than other than 24-hour nonresidential uses <sup>[1]</sup>	1	3			
Surface parking lot for 24-hour nonresidential uses <sup>[1]</sup>	3	6			
Parking deck or garage	3	6			
Exterior service window or ATM	3	6			
Exterior stair or elevator	3	6			
[1] including cluster mailboxes, bicycle parking, ser	vice areas, loading bays	, and recycling and			

 including cluster mailboxes, bicycle parking, service areas, loading bays, and recycling and refuse collection areas, whether or not attached to a parking lot

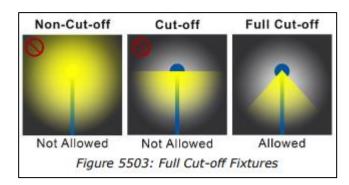
## Are the following comments noted on the lighting plan?

Υ	es	

- 1. All proposed lights will be full cut-off providing light downward only.
- 2. All proposed lights will be dark sky compliant.

No

- 3. All proposed lights will have zero-degree tilt.
- 4. Lighting will not be reduced lower than 1.0 foot-candles after 11pm
- The lamps throughout the site should be the same. The emphasis is to have the same color of light (white or orange/yellow) throughout which will provide good color rendition, help with visibility, and reduce contrasts. Color rendition refers to how objects of various colors appear under a particular lamp. Metal halide, LED, or compact fluorescent lamps (white light) are preferred.
- All light fixtures need to be full cut-off. See Figure 5503: Full Cut-off Fixtures below:



- Lighting is one of the most economical and effective forms of crime prevention available. For lighting to be effective it must be uniformly distributed so that dark areas and areas of sharp contrast are not created. The Illuminating Engineer Society of North America defines uniformity as "the evenness of the distribution of light on the surface(s)"...which "aids security perception, while reducing the necessity for eye adjustment..." IESNA G-1-03, 5.4.
- Routine maintenance of the lights is recommended.
  - a) A schedule should be established to review lights to determine if any need replacing.

- b) Globes should be cleaned periodically to ensure full illumination from the light.
- c) A program should be established to relamp the complex, also known as group relamping. This method reduces cost by minimizing site visits for the purpose of relamping, and it ensures that the lamps being replaced are consistent with all surrounding lamps.
- d) A program should be established for the trimming and maintenance of tree canopies and other plant materials at or around the light poles so that illumination is not reduced.

While our requirements for the endorsement of the plan do not guarantee a crime-free environment, it is our experience that the application of the concepts of Crime Prevention Through Environmental Design (CPTED) will reduce the opportunity for crime to occur and will enhance the quality of life. Should you have any questions or comments, please contact me at <a href="mailto:moreoleonergy">moreoleonergy</a> will enhance the quality of life. Should you

Billy Moffett CPTED Planner