

Burlington High School and Technical Center

**Vehicle and Bicycle Parking**

9/30/2022

<b>Vehicle Parking</b>			
<b>Maximum Parking Standard</b>			
<b>Use</b>	<b>Max Parking Standard</b>	<b>Proposed Metric</b>	<b>Max Parking Allowed</b>
School Secondary	5 per Classroom	77 classrooms	385
Performing Arts Center	1 per 4 seats	750 seats	188
Recreational Facility - Outdoor Commercial	1 per 4 seats	1,000 seats	250
Recreational Facility - Indoor (Gym & Community Gym)	1 per 4 seats	1,750 seats	438
<b>Total Max Parking Allowed</b>			<b>1,261</b>
<b>Proposed Parking</b>			
<b>Location</b>	<b>No. of Spaces</b>		
South of Institute Road	144		
North of Institute Road	218		
<b>Total Parking Spaces Proposed</b>	<b>362</b>		

<b>Bicycle Parking</b>			
<b>CDO Minimum Required Bicycle Parking</b>			
<b>Type</b>	<b>Parking Standard</b>	<b>Proposed Metric</b>	<b>No. of Required Spaces</b>
Long Term	1 per 20K sf	253,865	13
	1 per 10 students	1,594 student capacity	159
<b>Total Long Term Spaces</b>			<b>172</b>
Short Term	4 per Classroom	77	308
<b>Total Minimum Bicycle Parking</b>			<b>480</b>
<b>LEED Recommended Minimum Bicycle Parking</b>			
Long Term	5% of student capacity	1,594 student capacity	80
	5% of faculty/staff	175 faculty/staff	9
<b>Total Long Term Spaces</b>			<b>89</b>
Short Term	2.5% of student capacity	1,594 student capacity	40
	2.5% of faculty/staff	175 faculty/staff	4
	2.5% of visitors	30 visitors estimated	1
<b>Total Short Term Spaces</b>			<b>45</b>
<b>Total Minimum Bicycle Parking</b>			<b>134</b>
<b>Minimum Bicycle Parking Based on BHS Bicycle Parking Demand Study</b>			
Total Bicycle Parking	0.03 spaces per student	1,594 student capacity	48
<b>Proposed Bicycle Parking</b>			
<b>Type</b>	<b>No. of Spaces</b>		
Long Term (Enclosed)	80		
Short Term	56		
<b>Total Bicycle Parking Proposed</b>	<b>136</b>		