Arlington Public Schools

Wilson School Site Evaluation

Parking for Daily Use and Events

Public Facilities Review Committee (PFRC)

July 17, 2015
Calculating Parking Demand

• Arlington County Zoning Ordinance
• Other considerations:
  – Attempts to reduce impervious surfaces, minimize grading and preserve trees
  – Opportunities from shared parking
  – Viability of on-street parking
  – Impact of transportation demand management (TDM) programs
<table>
<thead>
<tr>
<th>Parking for...</th>
<th>Based on...</th>
<th>Ratio</th>
<th>Number of spaces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Middle School</td>
<td>275 Students</td>
<td>1 space per 7.5 students</td>
<td>37</td>
</tr>
<tr>
<td>High School</td>
<td>500 Students</td>
<td>1 space per 10 students</td>
<td>50</td>
</tr>
<tr>
<td>Visitors*</td>
<td>275 Students</td>
<td>1 space per 40 students</td>
<td>7</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td><strong>94</strong></td>
</tr>
</tbody>
</table>

*Zoning ordinance does not include a requirement for visitors for high schools*
Increases for public assembly spaces:

<table>
<thead>
<tr>
<th>Location</th>
<th>Square Footage</th>
<th>Spaces per Ft.</th>
<th>Spaces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Gymnasium</td>
<td>8,000 sq. ft., 1 space per 50 sq. ft.</td>
<td>160</td>
<td></td>
</tr>
<tr>
<td>Auditorium Theater</td>
<td>400 seats, 1 space per 10 seats</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Black Box Arena</td>
<td>1,200 sq. ft., 1 space for 50 sq. ft.</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>Gym/Multipurpose Room</td>
<td>3,000 sq. ft., 1 space per 50 sq. ft.</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL FOR PUBLIC ASSEMBLY</strong></td>
<td></td>
<td><strong>284</strong></td>
<td></td>
</tr>
</tbody>
</table>

*These increases are for high school assembly spaces only*
Project cannot afford a 400-space garage
Two different needs

• Daily parking for staff, visitors, students
• Event parking for participants and attendees
  – Performance activities are a strong part of the HB Woodlawn core curriculum
  – 10 to 15 events per month
  – Assembly spaces are important
Parking for daily needs

- Reduce demand with a robust TDM program
- Provide on-site spaces
- Make off-site spaces available through agreement between APS and commercial garage operators
- SRTS program for student travel
Parking for events

Anticipated event parking demand is less than 384 spaces, based on:

- It is unlikely that all of these spaces will be in use simultaneously
- Not all attendees to events will drive
- There is ample parking available in adjacent garages
  - APS can negotiate an agreement with nearby commercial garages for parking
  - BLPC Transportation Subcommittee will help sort through viable options (find the sweet spot among the number of spaces, the cost, and the number or type of events)
Nearby Parking Garages

There are ample spaces available in parking garages within a short walk

All counts are number of spaces available on a typical day based on information received from parking garage operators.

*Exact number of available spaces not provided  **Response not provided from parking garage operator