

Park & Recreation Commission
April 16, 2015
Patrick Henry Elementary School
& Recreation Center

OVERVIEW

- **Feasibility Study**
- **School & Recreation Center:**
 - Evaluate Use Program(s)
 - Educational Specifications
 - Concurrent Schedules
- **Identify a Balance of:**
 - Program(s)
 - Cost (ACPS and City)
 - Timing/Schedule
 - Constructability



RECREATION CENTER

- **Community Needs Assessment**
- **Neighborhood Needs Assessment**
- **Recreation Center:**
 - Shared gymnasium, multi-purpose rooms, support areas
 - Two shared full-size multi-purpose fields, playgrounds, tennis courts
 - 2008 Feasibility Study

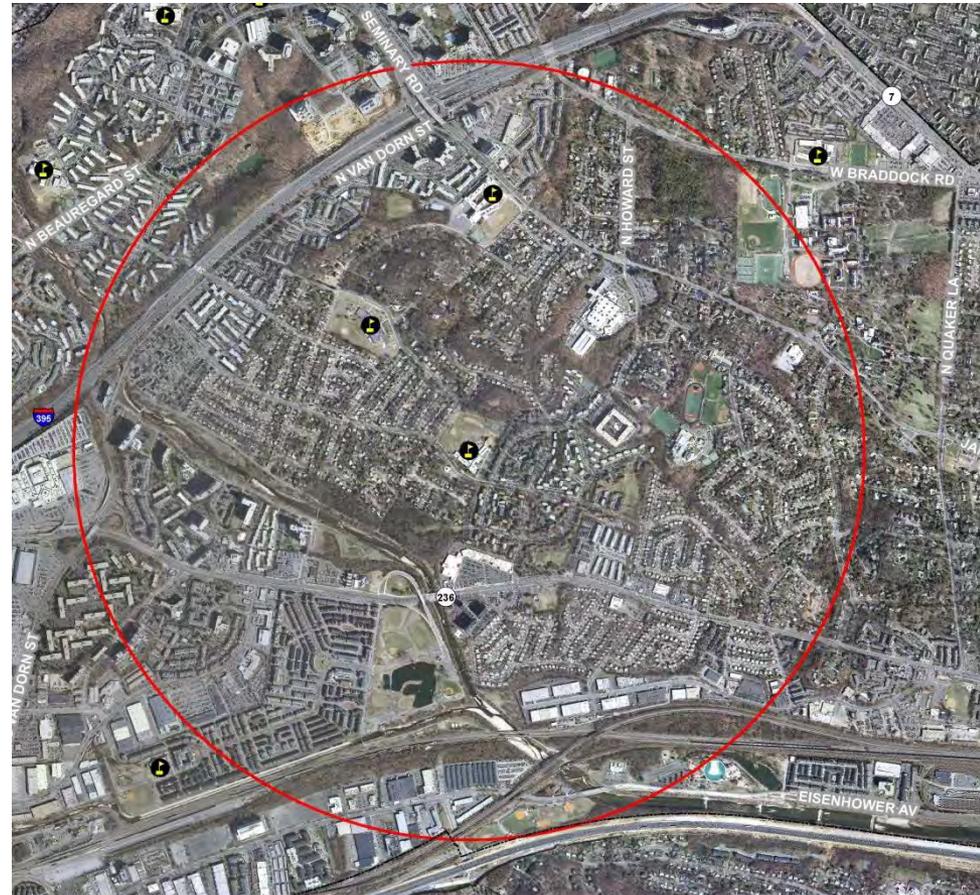


COMMUNITY RECREATIONAL NEEDS ASSESSMENT

In 2014, RPCA worked with a consultant, Leisure Vision, to conduct a statistically accurate community survey on recreational needs from residents within 1-mile of Patrick Henry Recreation Center.

In an area with 21,715 households, the goal was to receive a response of 400 completed surveys that are demographically representative of the community.

The following results indicate how to address programmatic and facility spaces in the new campus.



COMMUNITY RECREATIONAL NEEDS: FINDINGS

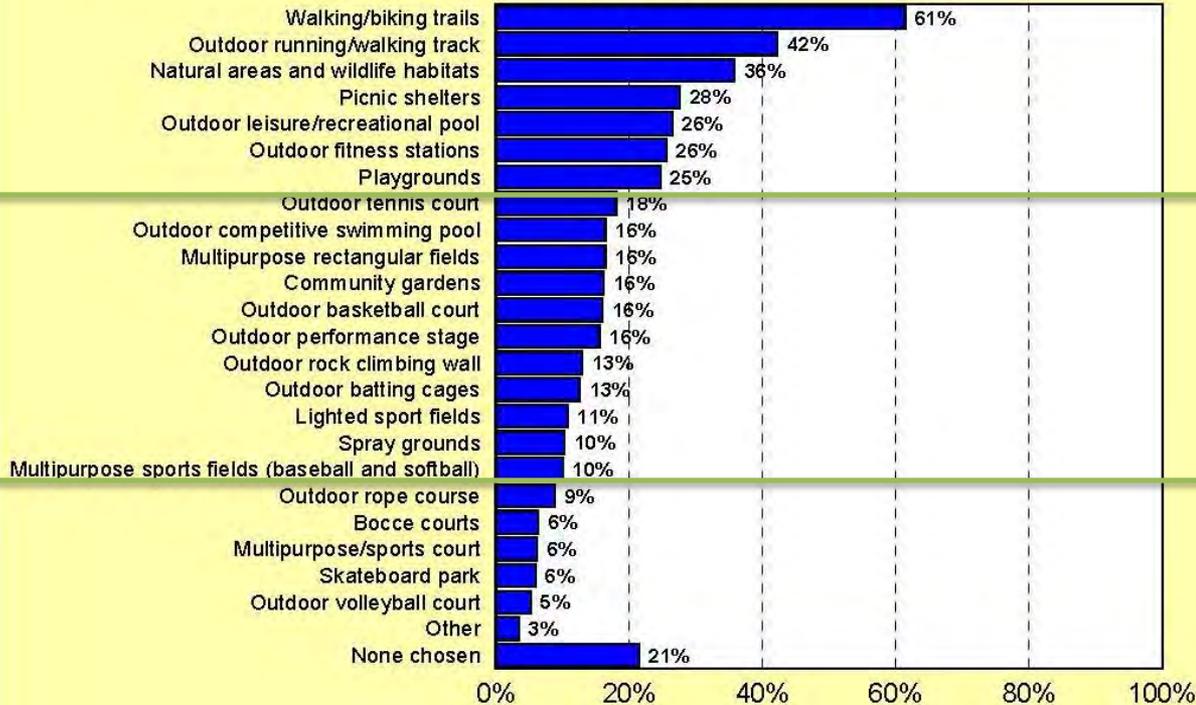
- 86% respondents do not use the current Patrick Henry Recreation Center, showing the existing program and facility should not simply be replicated if we are seeking greater use.
- In terms of **outdoor** facilities, the three highest ranking responses to “what would you use,” included:
 - 61% would use walking/biking trails
 - 42% would use running/walking track
 - 36% would use natural/wildlife areas
- In terms of **indoor** facilities, the three highest ranking responses to “what would you use,” included:
 - 42% would use a swimming pool
 - 40% would use an indoor exercise space
 - 32% would use an indoor walking trail



COMMUNITY RECREATIONAL NEEDS: FINDINGS

Q4. OUTDOOR Parks, Trails and Facilities Respondent Households Would Use if it was Developed at the Patrick Henry Facility

by percentage of respondents



Source: ETC Institute for the City of Alexandria Patrick Henry Survey (September 2014)

Top needs (above 20%) are for recreational uses enjoyed individually or in small informal groups.

2nd group of needs (10-20%) tend to be used for larger gatherings or registered teams.

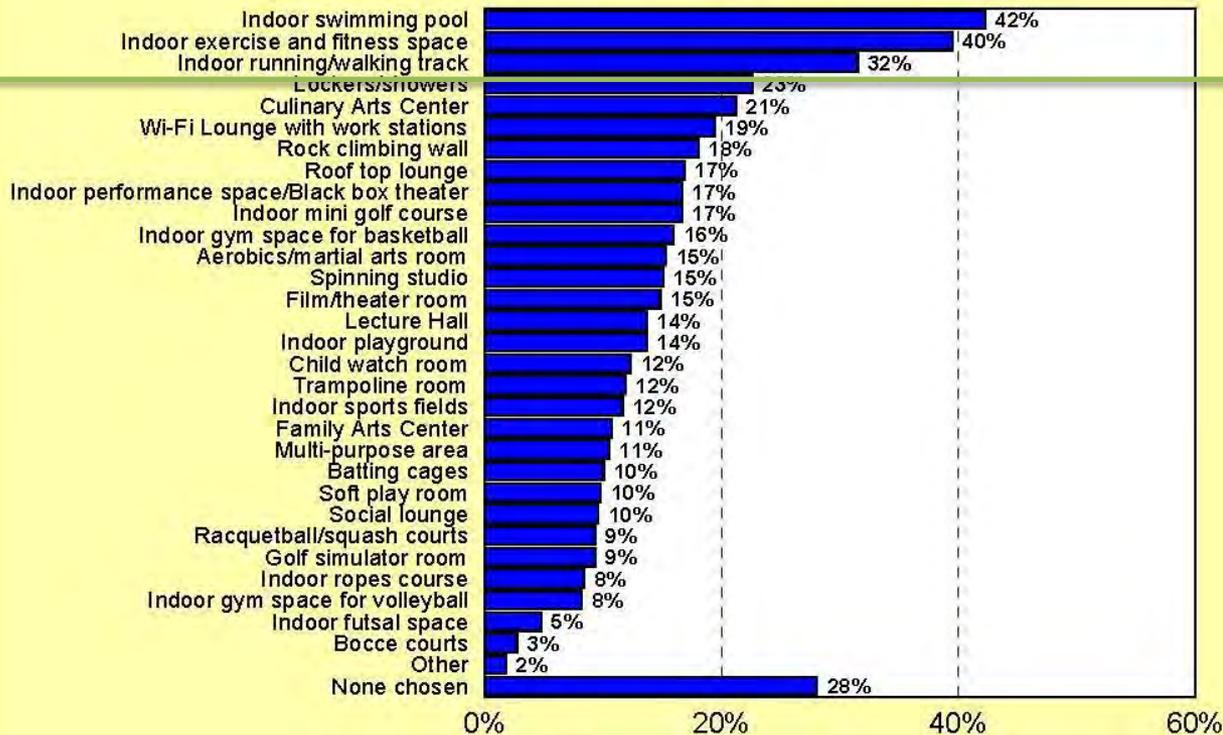
Last group (below 10%) tends to lean towards specialized uses.



COMMUNITY RECREATIONAL NEEDS: FINDINGS

Q8. INDOOR Recreation and Cultural Arts Facilities Respondent Households Would Use if Developed at the Patrick Henry Facility

by percentage of respondents (multiple selections possible)



Source: ETC Institute for the City of Alexandria Patrick Henry Survey (September 2014)

Top three selections (30% and above) are mainly individual uses and have specific physical requirements

Remaining listed selections are ranked very closely and, for the most part, can fit within flexible spaces



COMMUNITY NEEDS AND THE DESIGN PROGRAM

- Ensure presence of outdoor trails, track, fitness stations and playground*
- Ensure presence of indoor track and fitness equipment*
- Most high ranking uses listed above are non- or low- fee based and must be subsidized. Therefore, in determining additional recreational uses, staff will focus on those that are revenue generating in order to ensure financial sustainability. Additionally, staff will seek further guidance from the community throughout the design process.

*While an indoor and outdoor pool ranked in the top uses, staff consider the construction of a pool at Patrick Henry to be financially infeasible



RESOURCE ALLOCATION

Tier 1	Tier 2	Tier 3	Tier 4	Tier 5
Mostly Community Benefit	Considerable Community Benefit	Balanced Individual and Community Benefit	Considerable Individual Benefit	Mostly Individual Benefit
No cost recovery	20 % cost recovery tier minimum	50% cost recovery tier minimum	125% cost recovery tier minimum	175% cost recovery tier minimum
<ul style="list-style-type: none"> • Non-monitored Park and Facility Usage Parks/trails • Inclusionary Services ADA-compliance • Support Services Department Administration • RPCA-produced Community-wide Events Earth Day, City birthday, concerts 	<ul style="list-style-type: none"> • Monitored Park and Facility Usage Rec centers , outdoor pools, passes and admissions • Out-of-School Time Program School year • Rentals/restrictive Use: Affiliates Approved affiliate agreement use • Rentals/restrictive Use: Government • Volunteer, Work Study and Internships • Beginner Level Classes and Programs Fitness, art, music classes 	<ul style="list-style-type: none"> • Social and Affinity Groups Bridge/coin clubs, play groups • RPCA-produced Tournaments and Leagues Cheerleading, youth basketball league • Therapeutic and Adapted Recreation Programs • OSTP Camps summer and break camps • Intermediate Level Classes and Programs Fitness, art, music classes 	<ul style="list-style-type: none"> • Advanced Level Classes and Programs Fitness, art, music classes • Long Term Tenant Leases Seasonal marina, long term facility use • Specialized Activities and Camps Sports, arts, technology 	<ul style="list-style-type: none"> • Concessions and Vending Food/beverage/locker rentals • Merchandise for Resale Ice, socks for soft play • Private and Semi-private Lessons Swim/personal training • Rentals/restrictive Use: Private Use Room rentals, marina slips, picnic shelters • Party Packages Birthday parties • Permitted Services ABC permits, film, photo



EXISTING RECREATION CENTER



PATRICK HENRY K-8 SCHOOL
& RECREATION CENTER

EXISTING RECREATION CENTER



The existing Patrick Henry Recreation Center is a 9,400 SF wing on the north side of the Patrick Henry Elementary School Building

Existing Program Spaces

- Lobby (560 SF)
- Office (108 SF)
- Kitchen (180 SF)
- Gym (4,300 SF)
- Multi-Purpose (817 SF)
- Crafts (469 SF)
- Game Room (790 SF)



PROGRAMMING COMPARATIVE ANALYSIS

	EXISTING PROGRAM SF	2008 PROPOSED PROGRAM SF	2015 PROPOSED PROGRAM SF
LOBBY	✓	✓	✓
ADMINISTRATION	✓	✓	✓
GYMNASIUM & STORAGE	✓	✓	✓
RUNNING TRACK			✓
MULTI-PURPOSE	✓	✓	✓ Multi-purpose field Full-size gym in school
KITCHEN	✓	✓	✓
ADULT-PROGRAM ROOM		✓	✓
CRAFTS ROOM	✓	✓	✓
WEIGHT/FITNESS ROOM		✓	✓
GAME AREA	✓	✓	✓
DANCE ROOM		✓	
LIBRARY/COMPUTER ROOM		✓	
TOILET	✓	✓	✓



OPTION 1A



OPTION 1B



**PATRICK HENRY K-8 SCHOOL
& RECREATION CENTER**

OPTION 2



OPTION 3



PATRICK HENRY RECREATION CENTER



**PATRICK HENRY K-8 SCHOOL
& RECREATION CENTER**

DESIGN PRINCIPLES

- Integrate site circulation in the design development
- Minimize site impacts from busses and service docks on outdoor recreational facilities (example, not locating dumpsters next to playground)
- Minimize parking as a spatial focus and explore ways to make such spaces multi-functional
- Clearly identify and architecturally articulate the secure entrances to be used for the Recreation Center during and after school hours
- Creatively, maximize the use of existing infrastructure and utilities, such as stormwater
- Use the building roof as habitable, perhaps recreational, space
- Orient the building to provide maximum opportunity for interior light and minimum environmental building envelope impact
- Ensure gymnasium dimensions and program capacity equal to that built at Jefferson Houston
- Program storage space for recreation and after school needs that is easily accessible after school hours
- Ensure HVAC and electricity controls for community use in flexible spaces after school hours
- Integrate public art as part of the building design



DESIGN PRINCIPLES

- Maintain community access to outdoor recreational spaces for non-school hours
- Minimize the walking and surveillance distance for younger students and the play areas
- Combine site uses, if possible, such as multi-purposes hard court surfaces
- Ensure site plan and access support camp and after school programs
- Maximize the potential to facilitate outdoor community events
- Maximize outdoor space by building multi-story building
- Ensure athletic facilities meet the Guidelines for School Facilities in VA Public Schools (2010)
- Where it can physically fit, construct a full size VA High School standard dimension field
- Integrate public art as part of the site design
- Maximize canopy coverage to help fulfill the goals of the Urban Forestry Master Plan

