

# New West End Elementary School



School Board Meeting

Thursday, June 8, 2017



Alexandria City Public Schools

# Essential Questions

1. How does the new school help address the elementary seating deficit?
2. What are the proposed programmatic features and partnerships associated with the new school?
3. What is the School Board approved policy/process for naming a new school?
4. What is the timeline associated with the construction of the building project?
5. What are the design elements associated with the new school including play spaces?
6. When are opportunities for community input between now and the fall of 2018?

# Capacity Adjustments

Status	K-5 Capacity	K-5 FY 17 Enrollment	K-5 Seating Change Deficit/ Additions
Current Capacity	6974	8096	-1122
New School	638		638
<i>Capacity with New School</i>	7612	8096	-484

Note: This analysis does not take into consideration any other approved capacity projects.

This building and adjacent garage became the most optimal solution for addressing elementary capacity given its square footage, location on the West End, and general building condition.

# Instructional Program Features

GLAD

World Language

AVID

University Partnership

PBIS

# Student Supports

Breakfast in the  
Classroom

Contract  
Custodial

Parent Liaison

Art & Music

Extended Day  
Academic  
Program

Communities in  
Schools

# ACPS Policy FF: Naming the New School

## **The School Facilities Naming Committee:**

[10 Alexandria Citizens + Chair]

- Chair – School Board Vice Chair
- 9 Members nominated by each School Board Member
  - 1 Member nominated by City Council

## **Committee Responsibilities:**

- Develop a timetable & tasks for the naming
- Review community recommendations
- Forward 3 recommendations to School Board.

*Newly constructed school facilities shall be named by the School Board, based upon the recommendations of an ad hoc School Facilities Naming Committee. For full policy, visit <https://www.acps.k12.va.us/cms/lib/VA01918616/Centricity/Shared/documents/school-board-policies/ff.pdf>*

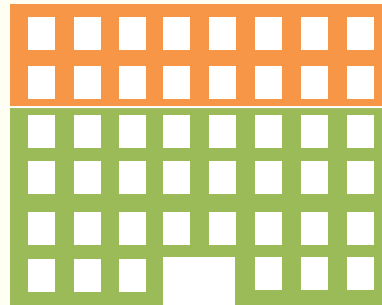
# New School Staffing

- Funding in FY 2018 budget for
  - a principal to start July 2017
  - a registrar/administrative assistant to start January 2018
- There will be a limit of how many teachers can apply from each of the other schools

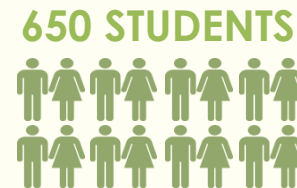
# Planned Use for 1701/1705 N. Beauregard

## 1701 N. BEAUREGARD

**BUSINESS USE**  
+  
**ELEMENTARY SCHOOL**

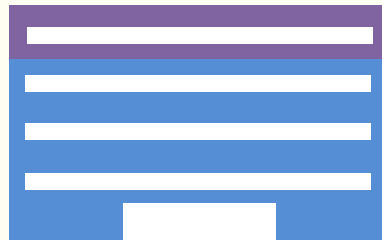


**2 FLOORS OF OFFICE SPACE**



## 1705 N. BEAUREGARD

**PLAYSPACE**  
+  
**PARKING GARAGE**



**TOP-LEVEL PLAYSPACE**

**465 SPACES**





# Benefits of Site Selection



**High Quality Instructional Space**

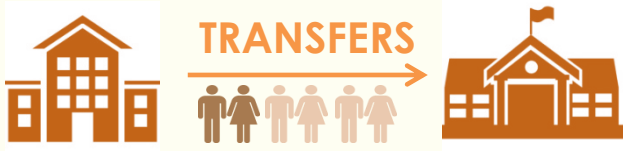


650 STUDENTS

**Cost-effective Capacity Solution**



**Possibility of FY2018 Opening**



**Minimal Student Transfers**

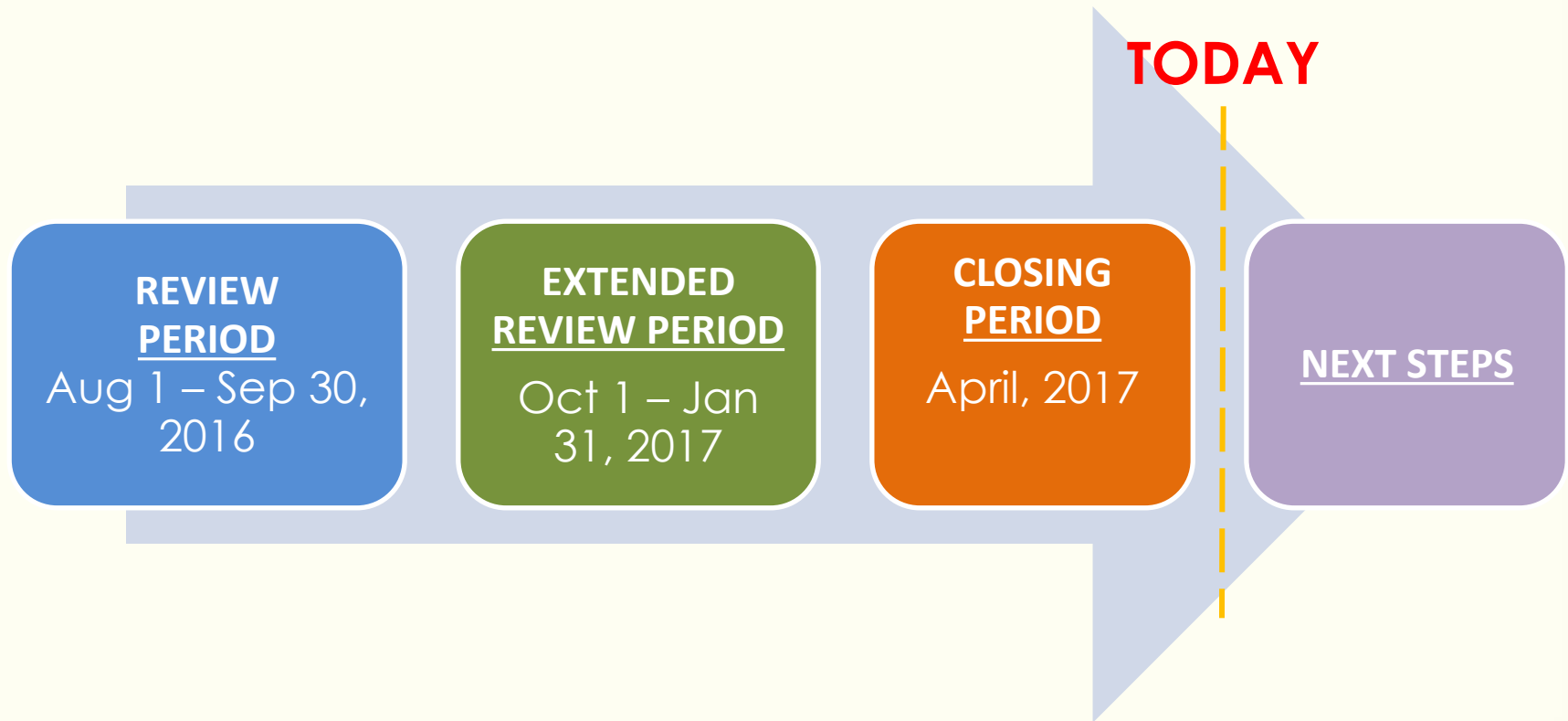


**Outdoor Space Potential**



**Modern Building**

# Anticipated Project Timeline



# Design & Construction Process

- Jul, 2017: **Design-Build Firm on Board**
- Jul-Sep, 2017: **Develop Schematic & Design Development**
- Sep, 2017: **DSUP Hearing at City Council**
- Oct-Dec, 2017: **Finalize Construction Drawings**
- 1<sup>st</sup> quarter of 2018: **Begin Construction**
- Sep, 2018: **Anticipated School Opening**

# Front Elevation



1 EAST ELEVATION - FRONT ENTRANCE  
SCALE: NTS

 **NOELKER AND HULL**  
Architecture Master Planning Interior Design

6 N. East Street, Suite 300 Frederick MD 21701  
p 301.662.8611 f 301.662.8611 www.noelkerhull.com

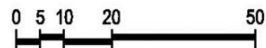
**Front Entrance Elevation**  
**1701 N. Beauregard Feasibility Study**



# Floorplan – 1<sup>st</sup> Floor



**1**  
FLOOR



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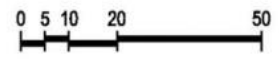
1701 N. Beauregard Feasibility Study



# Floorplan – 3<sup>rd</sup> Floor



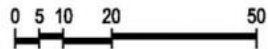
**3** FLOOR



# Floorplan – 5<sup>th</sup> Floor



**5**  
FLOOR



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Architecture Master Planning Interior Design

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1701 N. Beauregard Feasibility Study



# Gym Addition – Phase II



3  
(ALT.)

1701 N. Beauregard Feasibility Study



# Front Elevation with Gymnasium Addition



1 EAST ELEVATION - FRONT ENTRANCE  
SCALE: NTS

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Architecture Master Planning Interior Design

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**Elevation**  
1701 N. Beauregard Feasibility Study



# Garage Top Level with Playspace



**2** FLOOR

**Gymnasium Study**  
**1701 N. Beauregard Feasibility Study**



# Concept Civil Plan - Concept II

### GRASSINGS AREA DETAIL

500# OR SEED GRASS RINGS MAT

BASE AND SUBBASE FROM TYPICAL TECHNICAL PROGRESS RECOMMENDATION

### GRASSINGS NOTES

- GRASSINGS (GRASS PAINTING SUPPORT SYSTEM) TO BE INSTALLED ONLY IN THOSE AREAS AS INDICATED ON THE PLANS TO BE USED FOR EMERGENCY VEHICLE ACCESS.
- GRASSINGS ARE MANUFACTURED BY INVOLEK STRUCTURES, INC. AND ARE TO BE INSTALLED PER THEIR SPECIFICATIONS AND ALL LOCAL STANDARDS AND SPECIFICATIONS.
- THE GRASSINGS SYSTEM IS TO BE PLACED UNDER THE DIRECTION OF THE GEOTECHNICAL ENGINEER.
- SUBGRADE IS TO BE COMPACTED TO 95% OF MAXIMUM REGIONAL DENSITY AT OPTIMUM MOISTURE CONTENT ±2.0%.
- THIS DESIGN IS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND IS NOT A DESIGN OF WALTER L. PHILLIPS.

### EXISTING STORM DATA

2	10" = 204.42
3	15" INV. IN = 200.42
4	15" INV. IN = 211.92
4	18" INV. OUT = 199.72
4	TOP = 226.13
4	48" INV. IN = 212.10
5	TOP = 235.63
5	21" INV. IN = 224.79
5	21" INV. OUT = 224.66
5	48" INV. OUT = 233.00 (PLUGGED)
5	48" INV. OUT = 233.00

NOTES:  
1. ALL SIDEWALKS TO HAVE A MAXIMUM CROSS SLOPE OF 1:50 IN ACCORDANCE WITH CURRENT ADA REGULATIONS.

### CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
82	115.50	119.93	8.03	114.93	157.28	85.14
83	882.00	162.91	81.48	161.38	232.96	113.77
84	1318.00	288.11	144.11	284.44	170.13	108.78
85	150.00	51.89	28.69	43.45	150.28	153.32
86	318.00	95.97	50.98	89.88	170.13	108.78
87	382.00	69.01	39.13	69.00	151.29	122.42
88	738.00	129.27	63.89	128.54	150.28	153.32
89	774.00	136.55	68.54	136.55	150.28	153.32
90	1383.00	356.46	179.28	355.44	180.14	104.30
91	1248.00	261.69	141.38	261.18	180.14	104.30
92	918.00	165.00	86.18	164.14	170.13	108.78
93	318.00	3.51	1.97	3.49	150.28	153.32
97	774.00	136.55	68.54	136.44	150.28	153.32
98	774.00	136.55	68.54	136.44	150.28	153.32

### SANITARY LATERAL SCHEDULE

FROM	TO	EX. INV. @ PLUG AS DESIGNED*	8" INV. @ END OF LATERAL	LATERAL LENGTH
EX. PLUG BLDG.	236.89	237.31	20'	

\* THE INVERT SHOWN IS PER THE DESIGNED INVERT AS SHOWN ON THE APPROVED WINKLER TRACT IA PLANS. NO AS-BUILT HAS BEEN PERFORMED. THE CONTRACTOR IS TO VERIFY INVERT PRIOR TO CONNECTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

### SANITARY LATERAL PROFILE

POLE #	STATION	FINISHED GRADE	ELV. AT POLE LOCATION
1	10+88.4	34.00' RT.	240.09
2	11+08.4	34.00' RT.	241.24
3	12+21.4	34.00' RT.	242.15
4	13+08.4	34.00' RT.	241.89
5	13+68.4	34.00' RT.	239.23
6	14+08.4	34.00' RT.	238.54
7	14+68.4	34.00' RT.	238.44
8	20+26	23.00' RT.	238.41
9	21+72	23.00' RT.	236.03
11	22+42	23.00' RT.	234.35
12	23.00	23.00' RT.	232.88
13	23+60	23.00' RT.	233.56
14	24+12	23.00' RT.	236.75
15	24+60	23.00' RT.	237.18
16	24+67	29.51' LT.	237.39
17	24+13	28.29' LT.	235.89
18	23+60	29.42' LT.	233.72
19	23+72	28.60' LT.	233.09
20	22+42	28.54' LT.	234.42
21	21+72	28.00' LT.	236.40
22	21+02	28.00' LT.	236.40
23	14+98.4	34.00' RT.	236.46
24	14+98.4	34.00' RT.	236.53
25	12+88.4	36.00' LT.	241.72
26	12+88.4	34.00' RT.	241.24
28	11+58.4	34.00' LT.	241.24
29	10+88.4	34.00' LT.	240.09

### AS-BUILT NOTE:

AS-BUILT PERIOD DATED JANUARY 20, 2000. DUE TO COMBINATION OF AS-BUILT INFORMATION ON WINKLER TRACT PARCELS IA AND IA-2. PARCEL IA, AS-BUILT DATE JUNE 8, 1999. PARCEL IA-2 AS-BUILT DATE JUNE 28, 1999.

### SECTION A-A

NO SCALE

12' DRIVING LANE | 11' MOUNTABLE CURB | 9' PARKING

### GRAPHIC SCALE

1" = 20' H.

**WALTER L. PHILLIPS**  
INCORPORATED  
CIVIL ENGINEERS LAND SURVEYORS PLANNERS LANDSCAPE ARCHITECTS  
207 PARK AVENUE FALLS CHURCH, VIRGINIA 22046  
PHONE: (703) 441-1100 FAX: (703) 441-1101  
WWW.WLP.COM

REVISION APPROVED BY:

NO.	DESCRIPTION	DATE	BY	APPROVED	DATE
1	FINAL	01/20/00	WLP		
2	PERIOD DRAIN	1/27/00	WLP		

DATE: JANUARY 20, 2000  
SCALE: 1" = 20'

**AS BUILT**

**LAYOUT, GRADING AND FIRE PROTECTION PLAN - AS BUILT**

**WINKLER TRACT IIA AND IIA-2**  
COORDINATED DEVELOPMENT DISTRICT  
CITY OF ALEXANDRIA

# Transportation

- There will be access for 3-5 buses
- Walk routes will be reassessed for the new school (sidewalks/practicality/safety)
- A traffic study is in the process of being completed
- The need for crossing guards will be assessed

# Rooftop Playground Examples



Time to Play: JFTN Rooftop Reopens. Digital image. *League Center*. League Education & Treatment Center, 7 July 2015. Web. 11 Jan. 2017.

Joan Fenichel Therapeutic Nursery JFTN Preschool in Brooklyn, New York

# Rooftop Playground Examples



6,000 sq. ft. rooftop playground area in Tenaflly, NJ. using 2 1/4" thick "Play-Land"

6,000 SF Rooftop Playground in Tenaflly, NJ. Digital image. *Unity Surfacing Systems*. Unity Creations, Ltd., n.d. Web. 11 Jan. 2017.

Lubinavitch School in Tenaflly, New Jersey



UNITY at W Side Montessori Rooftop Playground in NYC. Digital image. *Unity Surfacing Systems*. Unity Creations, Ltd., n.d. Web. 11 Jan. 2017.

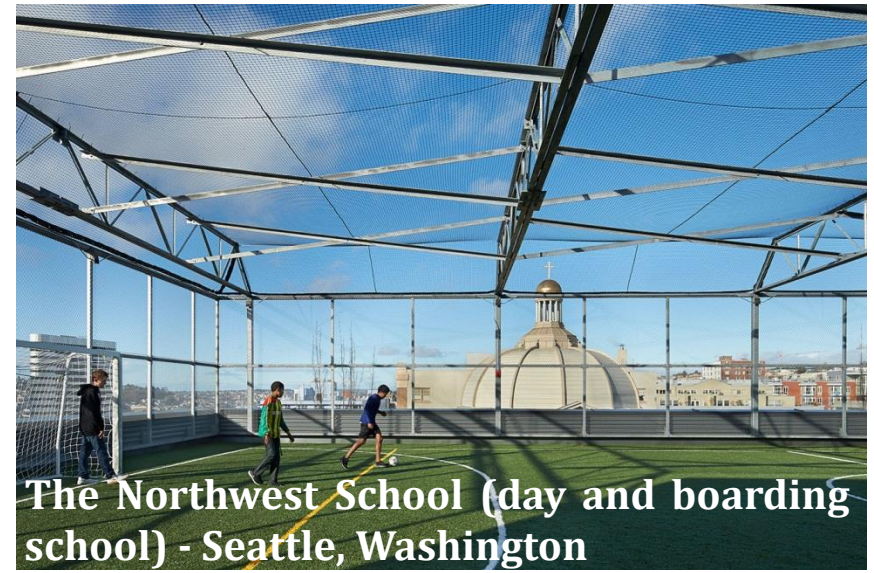
West Side Montessori in New York, New York

# Roof/Parking top Field Examples



**Sidwell Friends School in Washington, District of Columbia**

400m Track and Football Field. Digital image. *Cannon Design*. Cannon Design, n.d. Web. 11 Jan. 2017.



**The Northwest School (day and boarding school) - Seattle, Washington**

6,000-foot Rooftop Sports Field. Digital image. *The Northwest School*. The Northwest School, n.d. Web. 11 Jan. 2017.



**Pomona College in Claremont, California**

Sustainable Parking Garage Pomona College South Campus. Digital image. *National Precast Concrete Association*. National Precast Concrete Association, 7 Feb. 2013. Web. 11 Jan. 2017.

# Key Engagement Activities

- ✓ Community Meeting – January 17, 2017
- ✓ Possible Visit to Bailey's Upper Elementary School for Arts and Sciences – TBD
- ✓ Updates to John Adams ES and William Ramsay ES PTAs – April-May, 2017
- ✓ Community Meeting - May 16, 2017
  - School Principal Selection – July, 2017
  - Community Meeting – Fall 2017
  - School Opening Event – September, 2018



# QUESTIONS?

**CONTACT PERSON:** Richard Jackson,  
Director of Educational Facilities, (703) 619-8038