



WATKINS ELEMENTARY SCHOOL

MARCH 26, 2015

Perkins Eastman DC



AGENDA

Goals & Principles

Concept Plan

Preliminary Phasing





GOALS & PRINCIPLES



PROJECT GOALS



- Enhance the Educational Environment for Students and Teachers
- Better Co-locate DCPS and DPR Programs
- Support the FoodPrints Program & Facilities
- Enhance Safety and Security

ORGANIZATIONAL PRINCIPLES

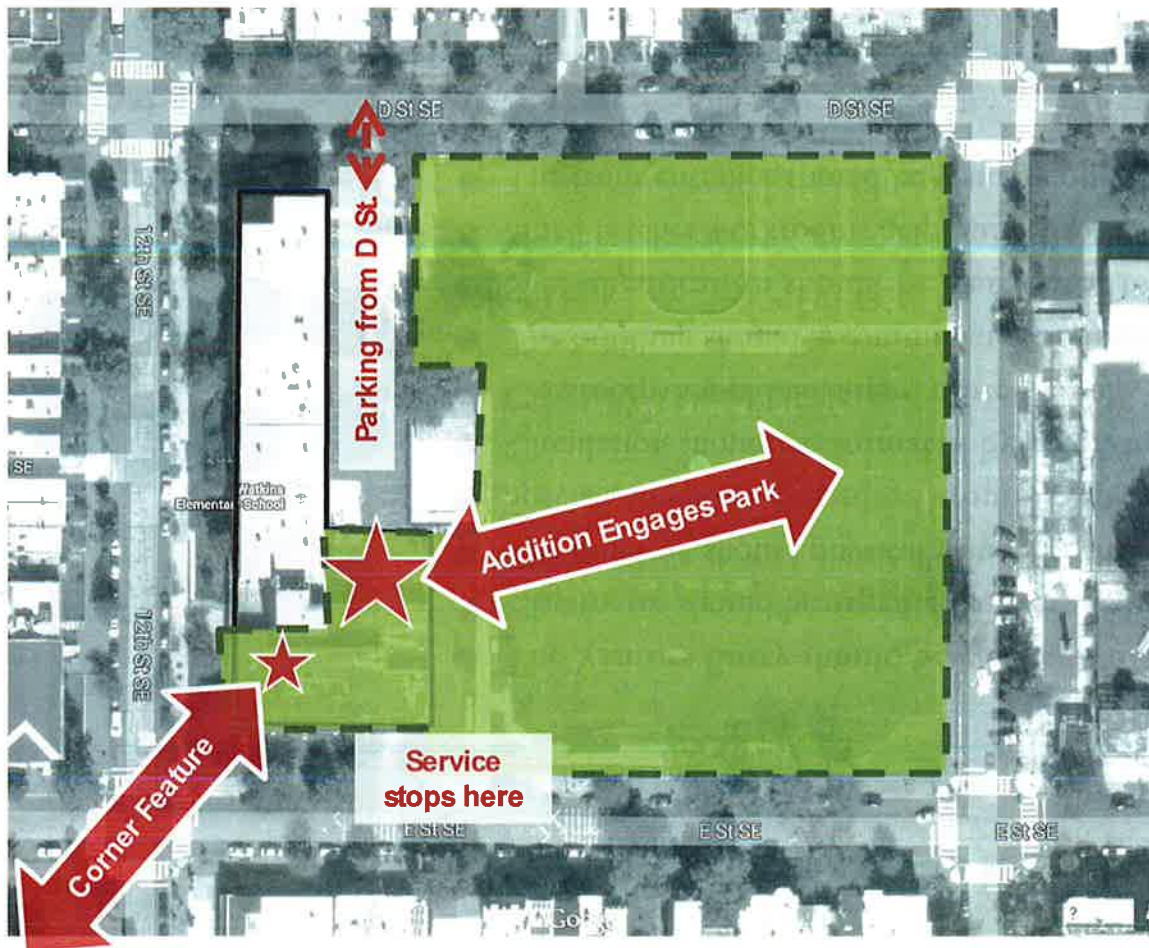


Classroom Clusters



- **The Visitors Entry should be clear and direct** and lead into the Main office
- Classrooms should be **organized by grade level** to facilitate teacher collaboration
- The building should physically and visually **engage the Park**
- Specials should be **organized around a collaborative, flexible commons/gallery**
- Circulation should be **animated by color, light, transparency** and extended learning spaces
- Classrooms should be **larger, more flexible**, center or project-based
- The building should accommodate **community/school use concurrently**
- **Special education should be distributed** to help engage students
- Small teacher workrooms help **build professional community** on each upper floor.
- The front entrance should be **visually open** to 12th Street SE

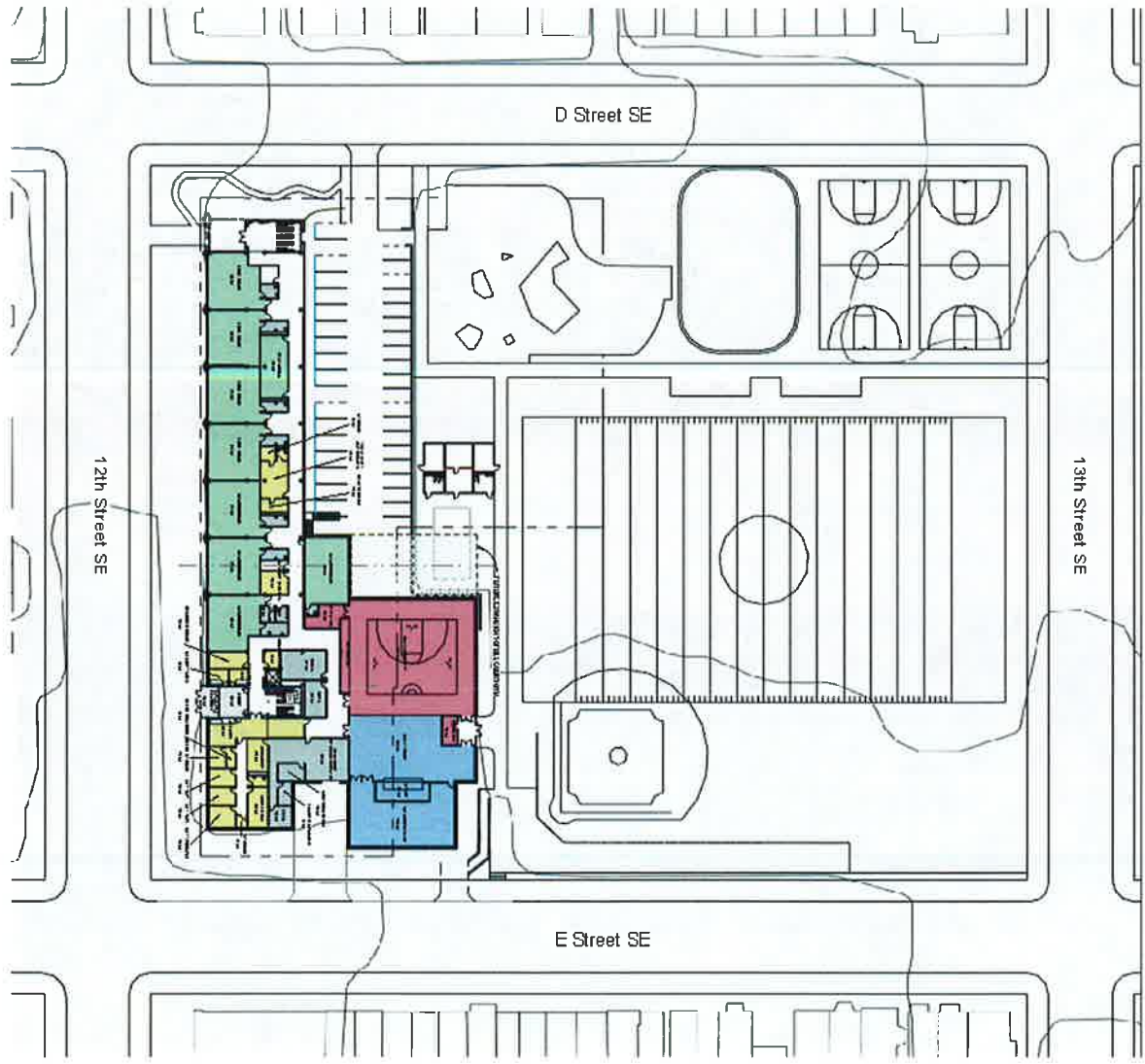
THE MASTER PLAN



- Modernize Academic Wing
- Dining, Media Center, and Gymnasium addition
- Connect Park to new addition
- Service limited to E St. curb cut
- Parking enters at D Street
- Feature at corner of 13th & E
- Open & Inviting Entrances at Front Door and D Street



CONCEPT PLAN

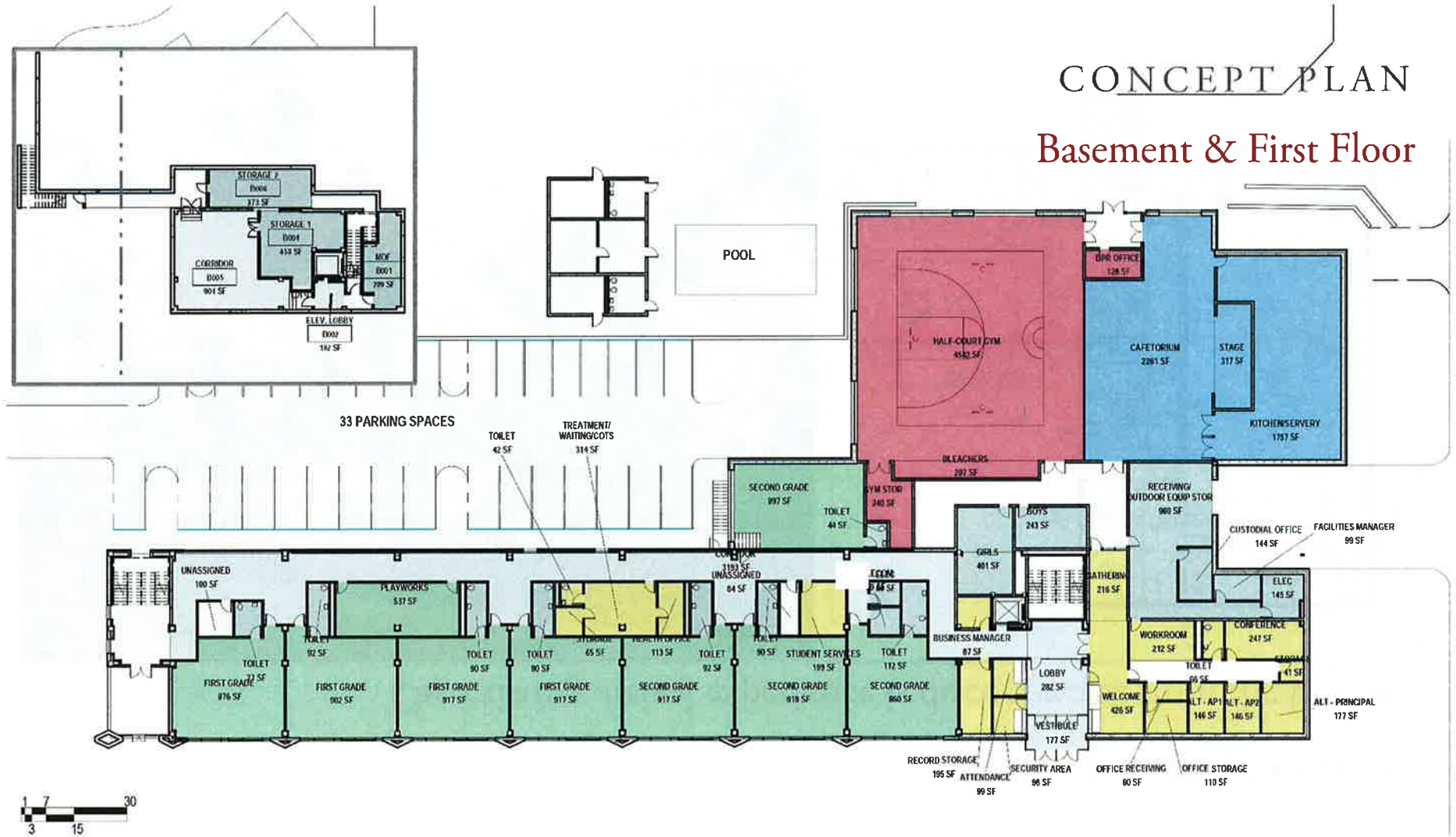


CONCEPT PLAN

Site Plan

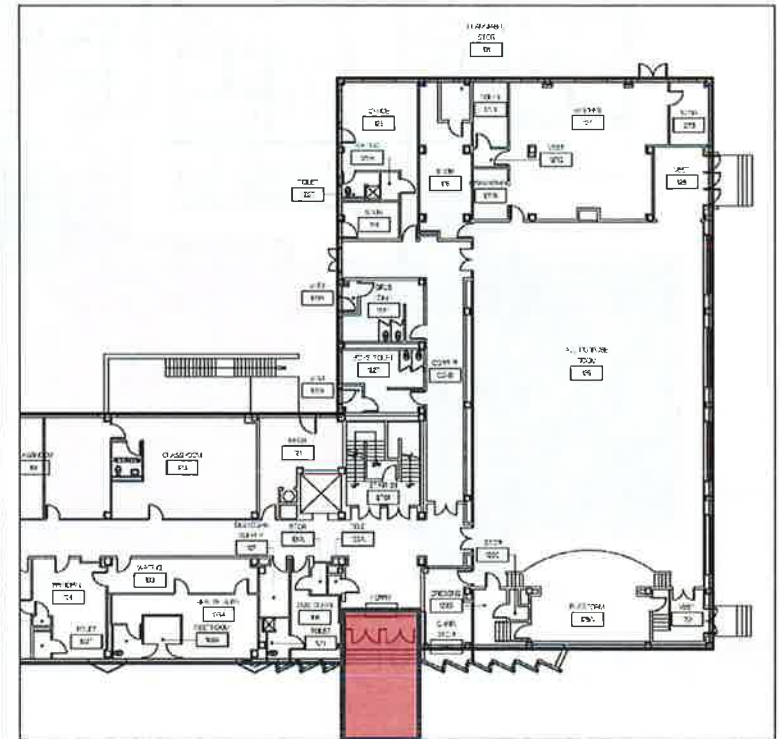
CONCEPT PLAN

Basement & First Floor



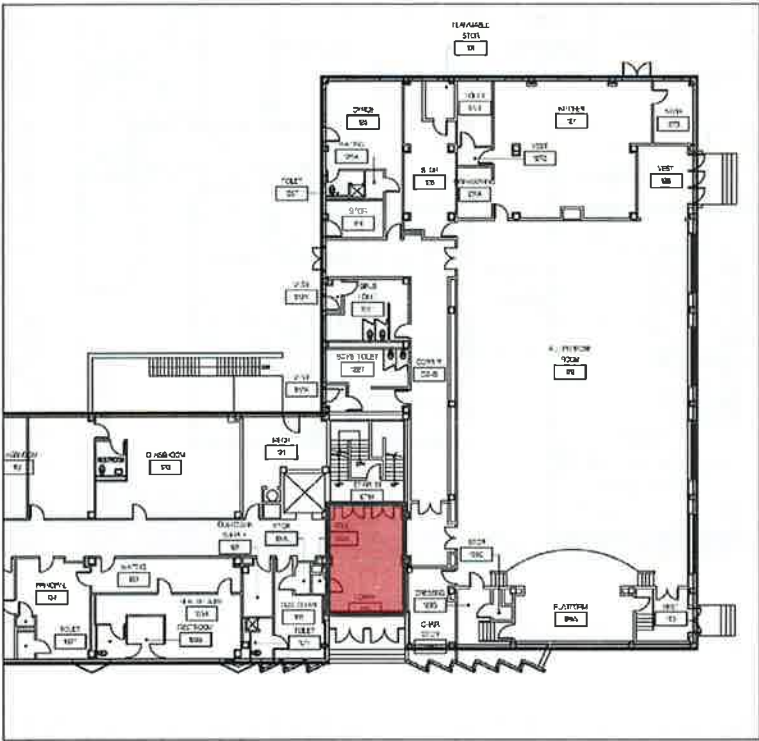
FIRST IMPRESSION

The existing arrival experience is disconnected from the interior



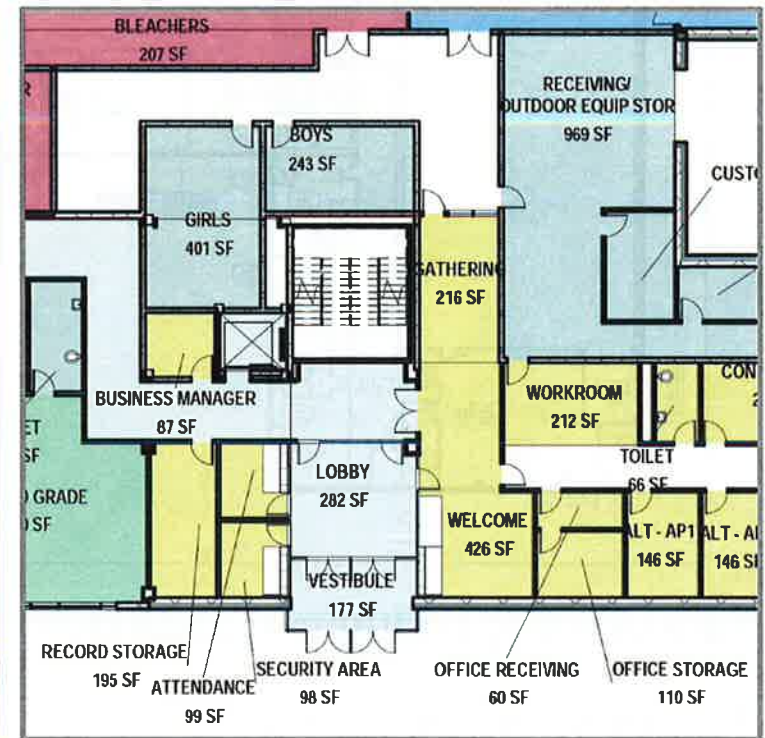
FIRST IMPRESSION

Inside the experience is cramped & uninviting



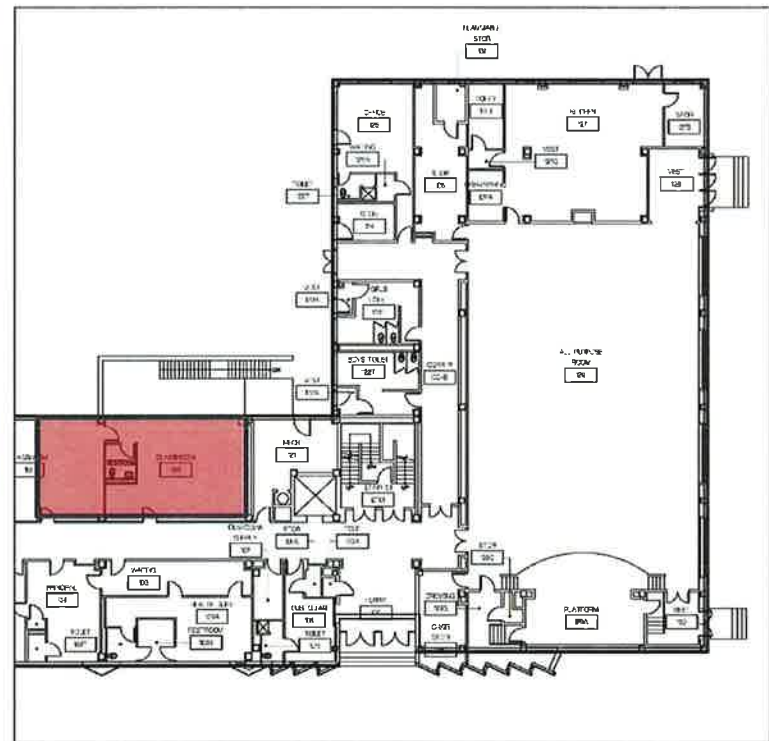
FIRST IMPRESSION - PRECEDENT

Create an open and inviting welcome center



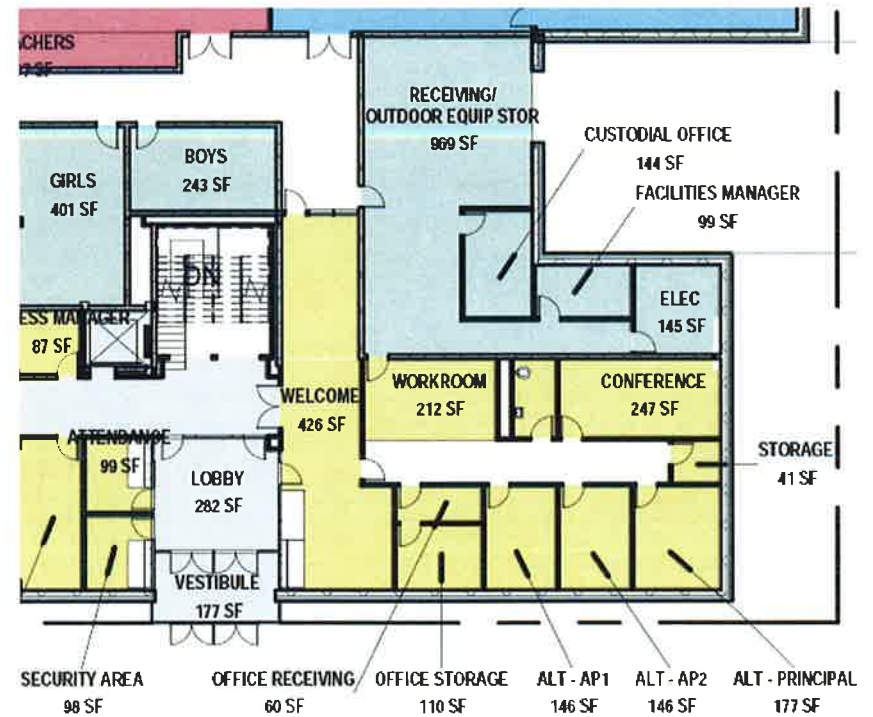
FIRST IMPRESSION

Administration is not convenient to the front door



FIRST IMPRESSION - PRECEDENT

Administration easily accessible to front door

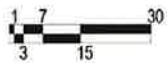
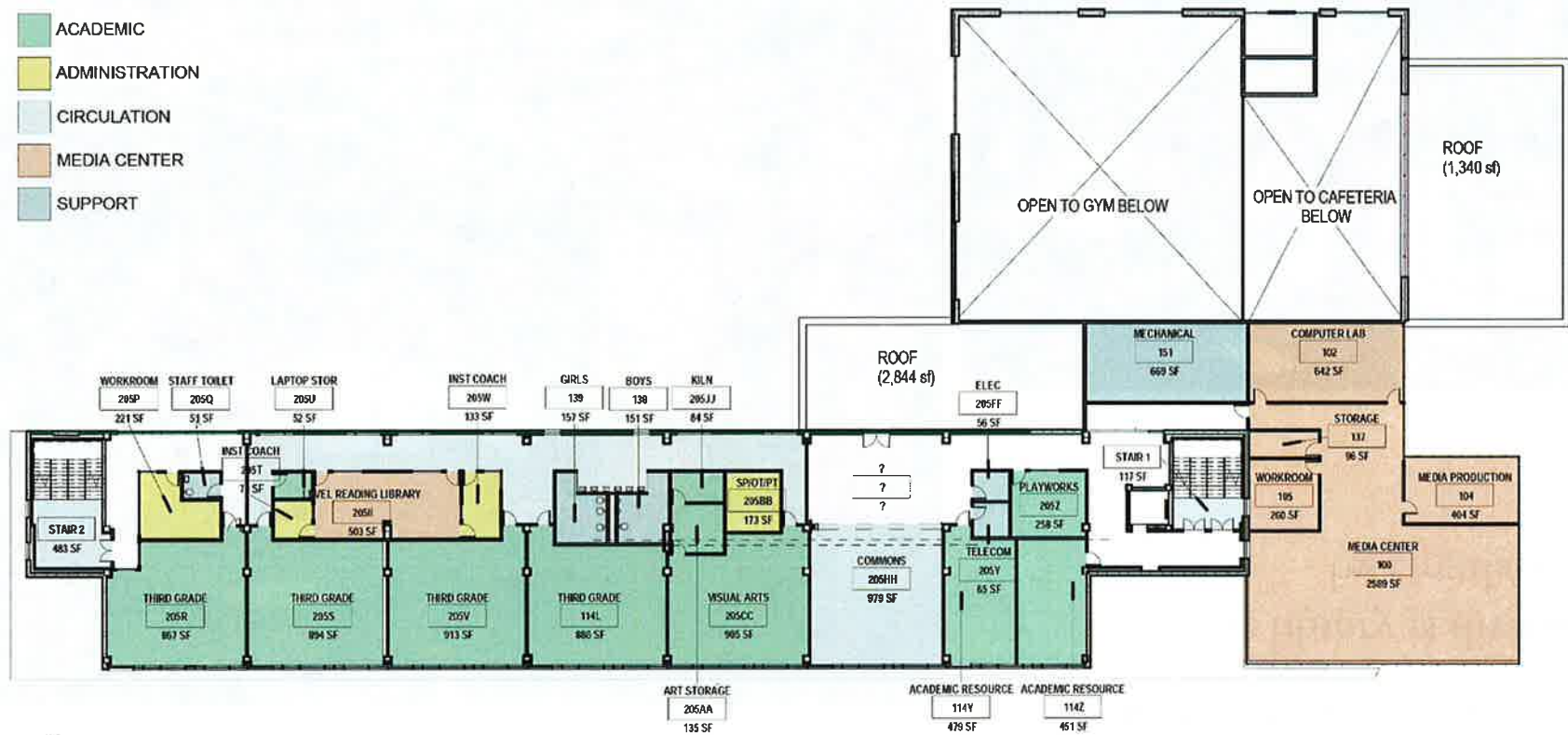


CONCEPT PLAN

Second Floor

DEPARTMENT LEGEND

- ACADEMIC
- ADMINISTRATION
- CIRCULATION
- MEDIA CENTER
- SUPPORT



EXISTING LIBRARY

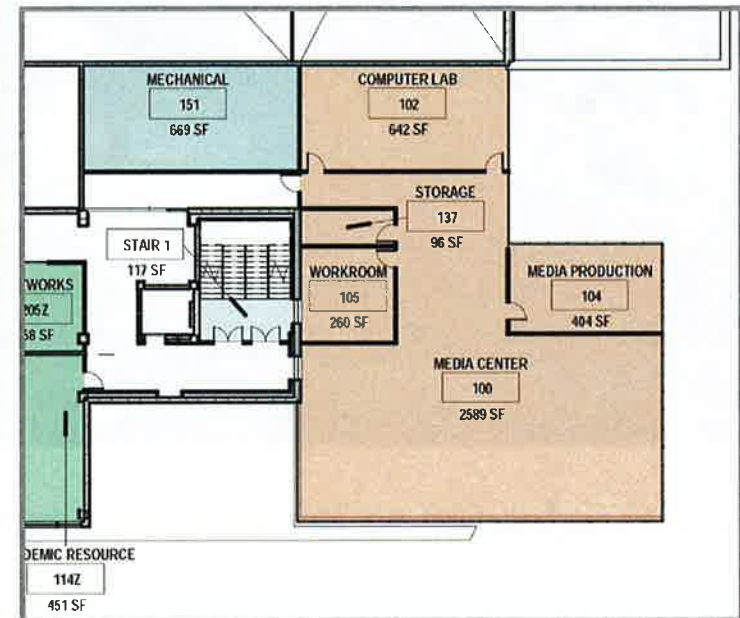
The library is divided
by circulation





CONCEPT PLAN

The library should be an open and bright space for group and individual study



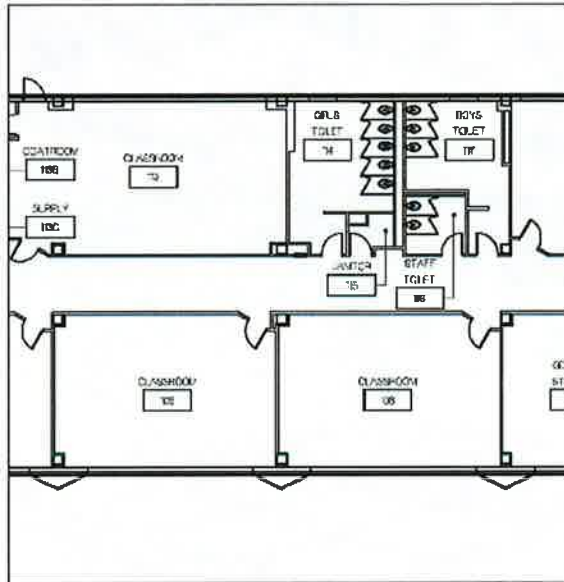
EXISTING CLASSROOMS

Classrooms are too small & ill-proportioned

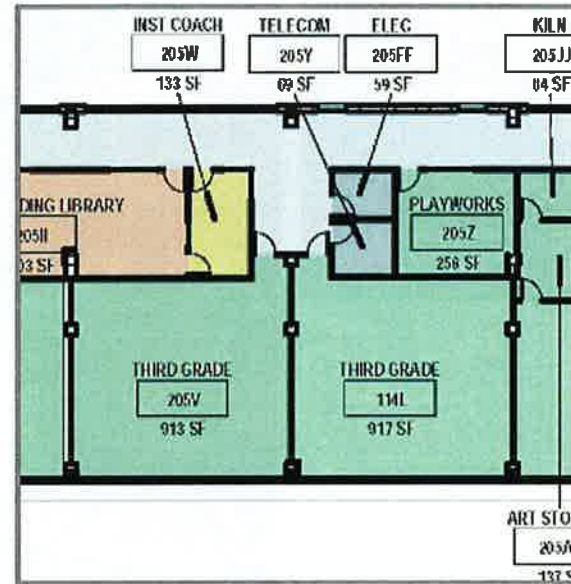


CLASSROOM CONCEPT DESIGN

Proportions



Existing



Square

CLASSROOM PRECEDENTS

More Square than Oblong

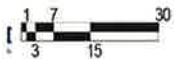
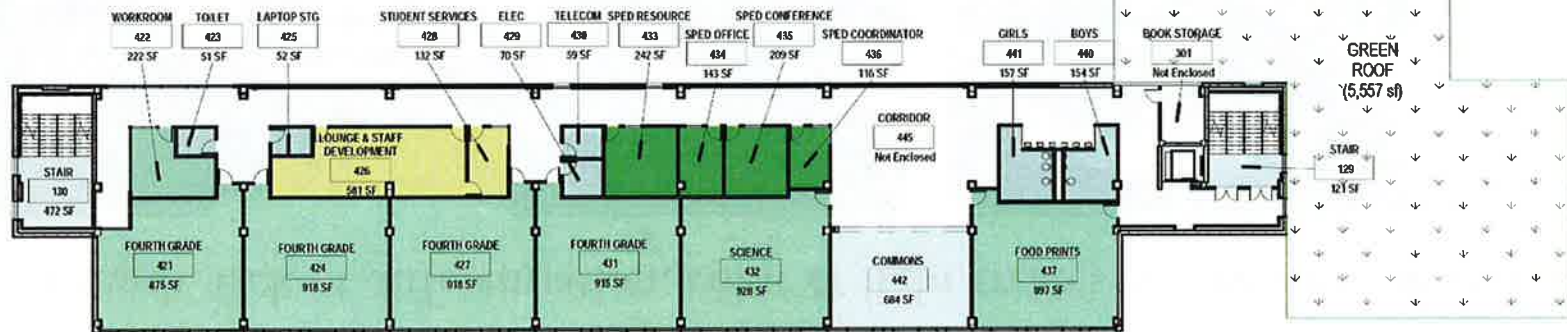


CONCEPT PLAN

Third Floor

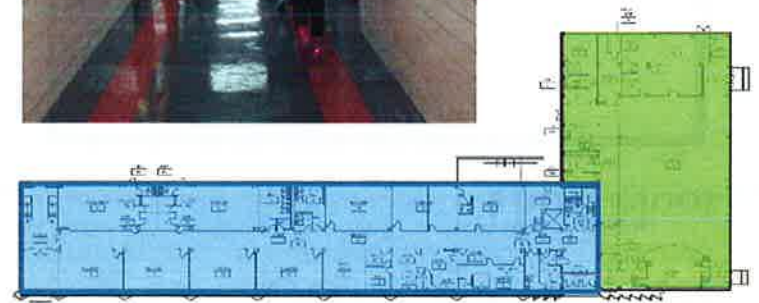
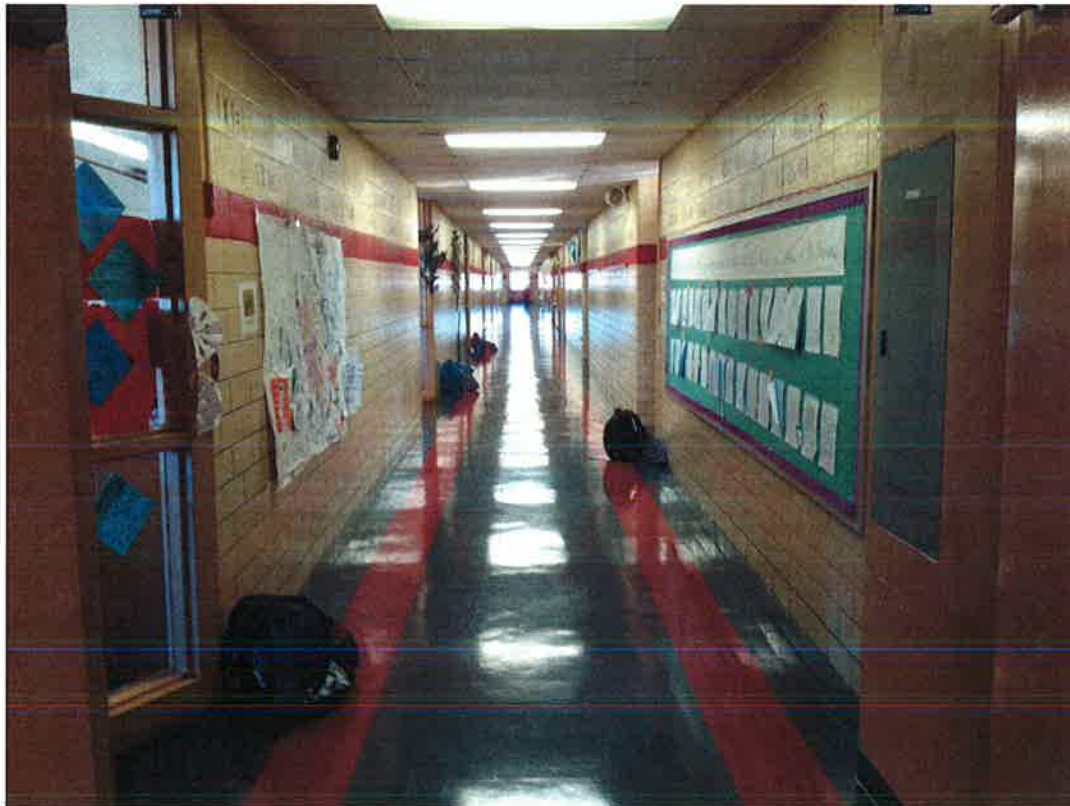
DEPARTMENT LEGEND

- ACADEMIC
- ADMINISTRATION
- CIRCULATION
- SPECIAL EDUCATION
- SUPPORT



EXISTING CORRIDORS

Length, lack of differentiation, color & light creates an institutional ambiance



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CORRIDOR PRECEDENTS

“Porches,” color, display and natural light create child-scaled places



CLASSROOM PRECEDENTS

Team Teaching

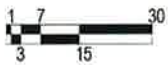
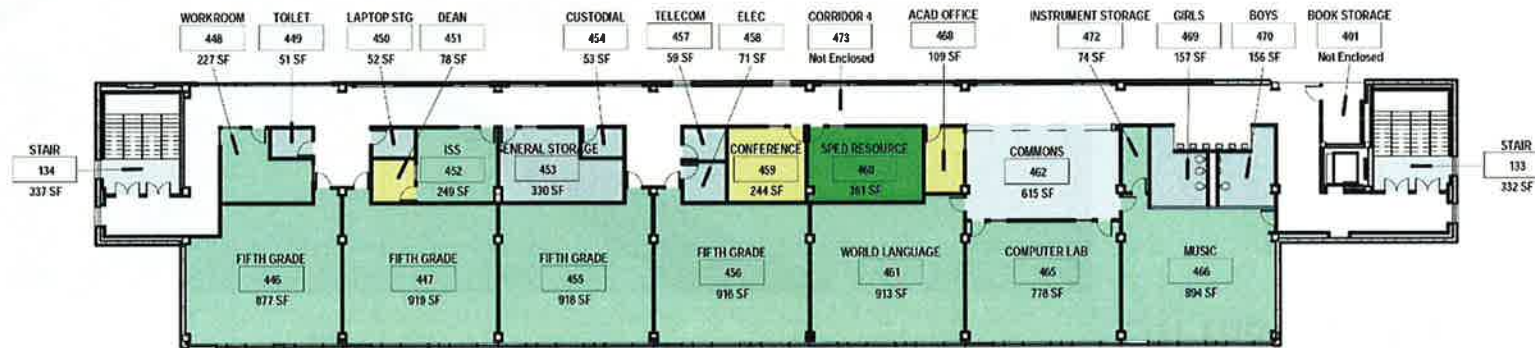


CONCEPT PLAN

Fourth Floor

DEPARTMENT LEGEND

- ACADEMIC
- ADMINISTRATION
- CIRCULATION
- SPECIAL EDUCATION
- SUPPORT



COMMONS

Off the corridor, naturally lit



CONCEPT PLAN

Mesh Sunshades



Existing building



Rendering: sunshades on west facade

CONCEPT PLAN

Mesh Sunshades



Precedent



Rendering: sunshades on west facade

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CONCEPT PLAN

Mesh Sunshades



Shaw Public Library



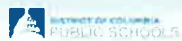
Rendering: sunshades on west facade

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PROGRAM

Potential is for an additional approx. 17,000 gsf

	Ed Spec	Concept	Variation	Comments
Half-Court Gymnasium	5,050	4,548	(10%)	With dividing wall; bleachers on one side
• Storage	300	240	(20%)	
Administration				
• Lobby & Gathering	500	498	0%	
• Welcome Center	400	426	6%	
• Toilet (1@50)	50	66	32%	
• Principal & APs (3@ 120)	360	469	30%	
• First Aid center	505	534	5%	
• Workroom	250	212	(15%)	
Dining	2,500	2,267	(9%)	Sized for 1/3 population Stage
• Stage		317		
Kitchen & Servery	2100	1,757	(15%)	
Media Center				
• Reading/Learning/Circulation	1,800	2,495	39%	
• Computer Project Lab	900	885	(2%)	
• Media Production	400	400	0%	
• Office / Workroom	250	260	4%	
Maintenance & Custodial	1,220	1,212	0%	





PRELIMINARY PHASING



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