

Facilities and Technology Task Force Meeting

September 30, 2015



Major Renovations, and Upgrades/Refurbishments

Major Renovations

Historical Perspective

- ▣ Generally occurred every 20 years
- ▣ Increased classroom size to current TEA standards
- ▣ Re-engineered Major Building Systems (mechanical, electrical, plumbing, HVAC)
- ▣ Added square footage as required
- ▣ Improved circulation (how students/adults moved through the building)
- ▣ Upgraded the cafeteria and provided new kitchen equipment
- ▣ Update finishes (carpet, tile, paint, etc.) throughout the building
- ▣ Addressed Life Safety and Code issues
- ▣ Addressed advanced technology needs
- ▣ Freshened up exterior appearance with special focus on main entry



Refurbishments

- Update finishes (carpet, tile, paint, etc.) in select areas of the building.
- Improve overall exterior of building including painting and landscaping.
- Flooring (if necessary).
- Minor renovations such as moving walls/doors or modifying casework to increase functionality.



Major Renovation Projects

Last Two Bond Programs

2004

- Davis Elementary
- Huffman Elementary
- Carlisle Elementary
- Mathews Elementary
- Meadows Elementary*
- Aldridge Elementary
- Hendrick Middle School
- Sigler Elementary*
- Clark High School

2008

- Mendenhall Elementary*
- Jackson Elementary
- Memorial Elementary*
- Weatherford Elementary
- Mitchell Elementary
- Rasor Elementary
- Brinker Elementary
- Daffron Elementary
- Bethany Elementary
- Hedgcoxe Elementary

**Existing facility demolished and new building constructed in lieu of renovation.*



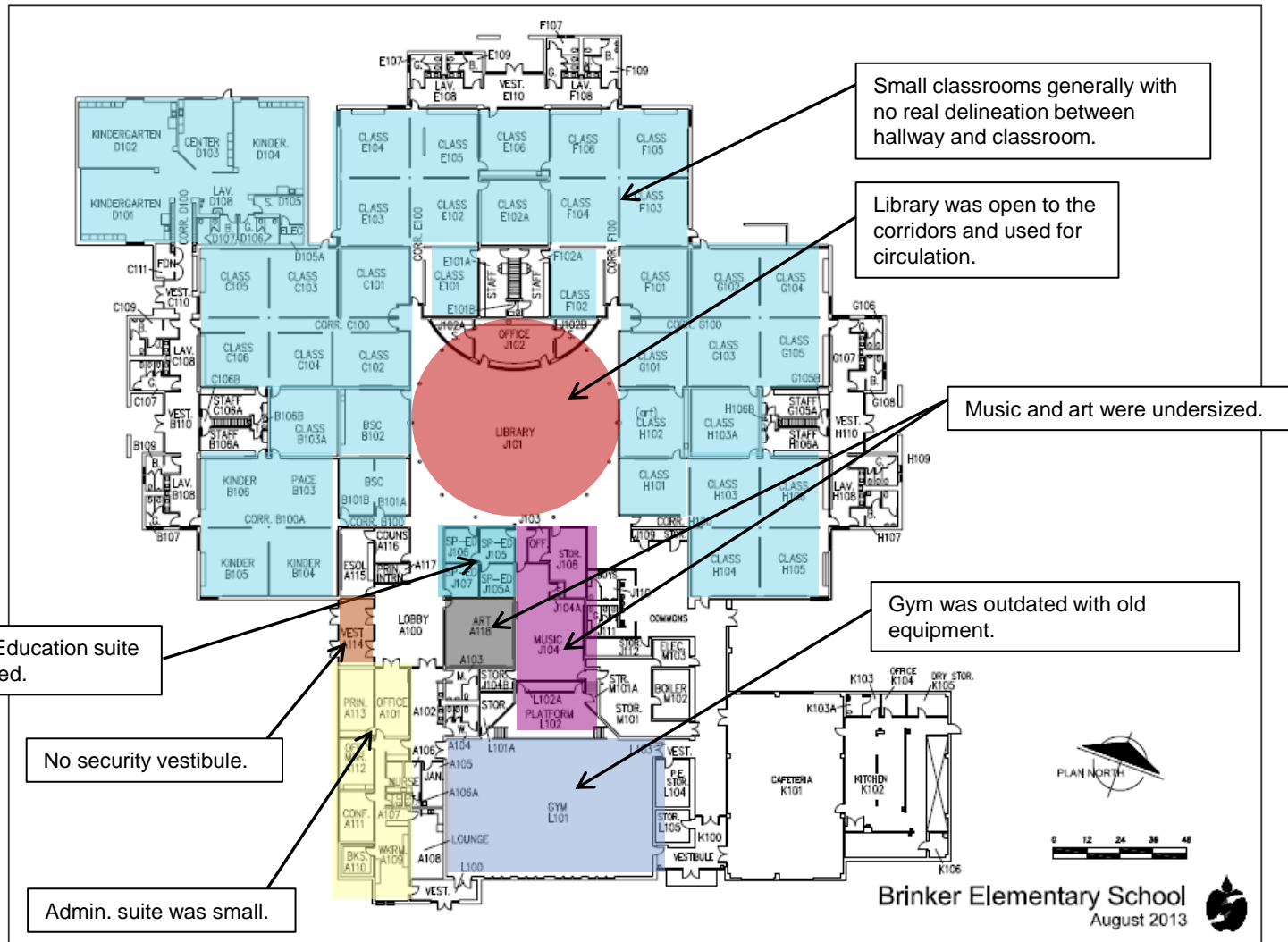
Illustration of Major Renovation

Brinker Elementary School

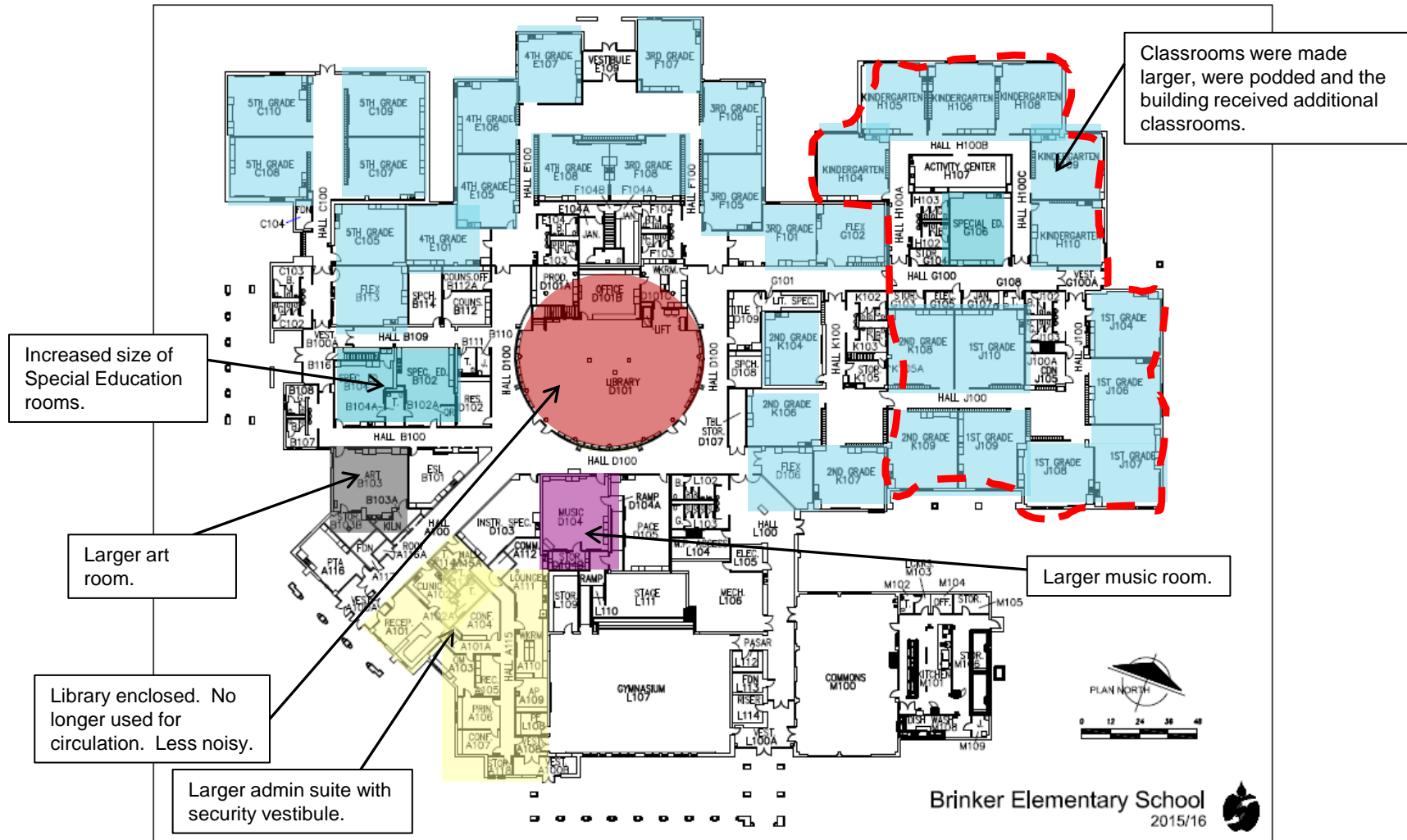
- Project began in spring of 2013 and completed fall of 2014
- Total cost - \$13.2 million
- Added over 25,000 square feet
- **Classroom sizes increased from +/-600 to +/-800**
- Every portion of building touched



Brinker Elementary School – Before



Brinker Elementary School – After



Refurbishment Examples

- Hughston and Christie Elementary Schools
- Summer of 2015
- Budget of \$1,250,000 each

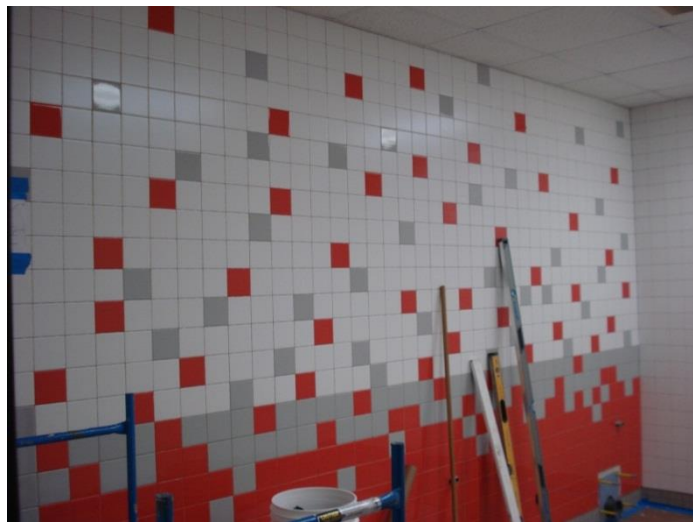
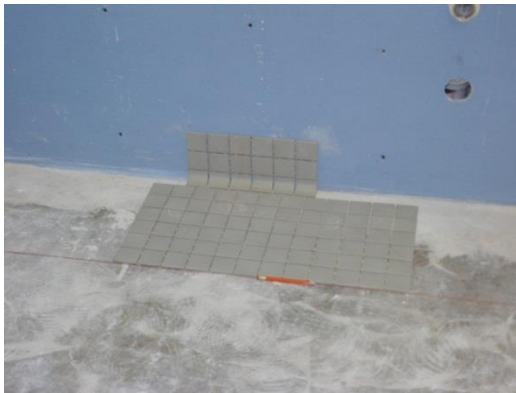


Refurbishments – Hughston









Refurbishments – Christie







Recommended Major Renovations

- ❖ Shepton High School
- ❖ Robinson Middle School

Why Shepton?

Clark	2003	Art/Science Addition/Band Hall Addition
	2010	20-Year Renovation/Addition
	2012	Science/Classroom Addition
Jasper	2001	Renovation
	2004	Art Addition/Band Hall Addition
	2006	Science Addition
McMillen	2011	New High School
Shepton	2003	HVAC, Front Entry & Special Ed
	2007	Science Addition, Band Room Addition, Minor Renovations
Vines	2003	HVAC & Renovation
	2003	Locker Room Renovation
	2010	Science and Fine Arts Additions, Admin Relocation/Expansion and Other Renovations
Williams	2003	20-Year Renovation/Addition
	2005	Auditorium Renovation
	2006	Science Addition
	2012	Upgrades (Collaboration Project)

History of 5505 Plano Parkway

- Opened in 1984 as Shepton High School.
- 1986-90 – Housed both Shepton High School and Renner Middle School.
- 1990-98 – Exclusively Renner Middle School.
- 1998-Present – Shepton High School.



Renovations at Shepton High School

2002/03 Scope of Work

Mechanical

- New central plant and chillers
- 2 to 4 pipe HVAC conversion
- Fire alarm
- Fire sprinkler
- Room numbers, signage and hardware
- New data / phone cabling
- Public Address system
- Security system cabling
- CATV drops

Floor Plan

- New ADA compliant entry and parking
- New entry canopy
- New Special Education area



Renovations at Shepton High School

2006/07 Scope of Work

- Science classroom addition (district-wide project).
- Contract also included a fine arts addition, new bus turn lane, some interior finish improvements and a kitchen renovation.



Proposed Renovations - Shepton

- Major classroom renovations in main academic area
- Library renovations
- Classroom addition
- Cafeteria renovations
- Kitchen renovation
- New administrative area
- Traffic flow improvements
- Band/orchestra addition
- New dance team area
- Flooring replacement
- New Roof
- Address problem areas with HVAC

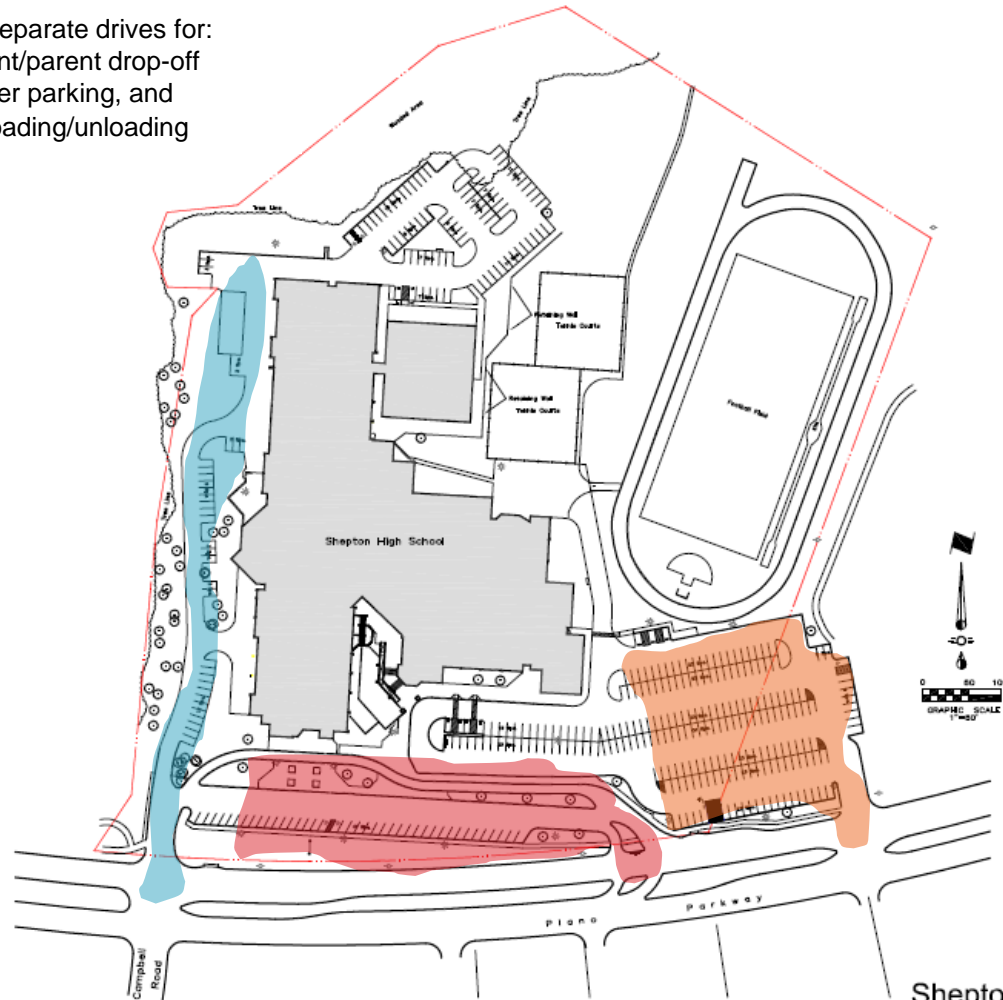
Estimated cost - \$35 million



Shepton High School – Site Plan

Provide separate drives for:

- student/parent drop-off
- teacher parking, and
- bus loading/unloading

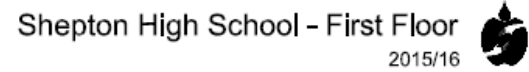


Renovate classrooms.

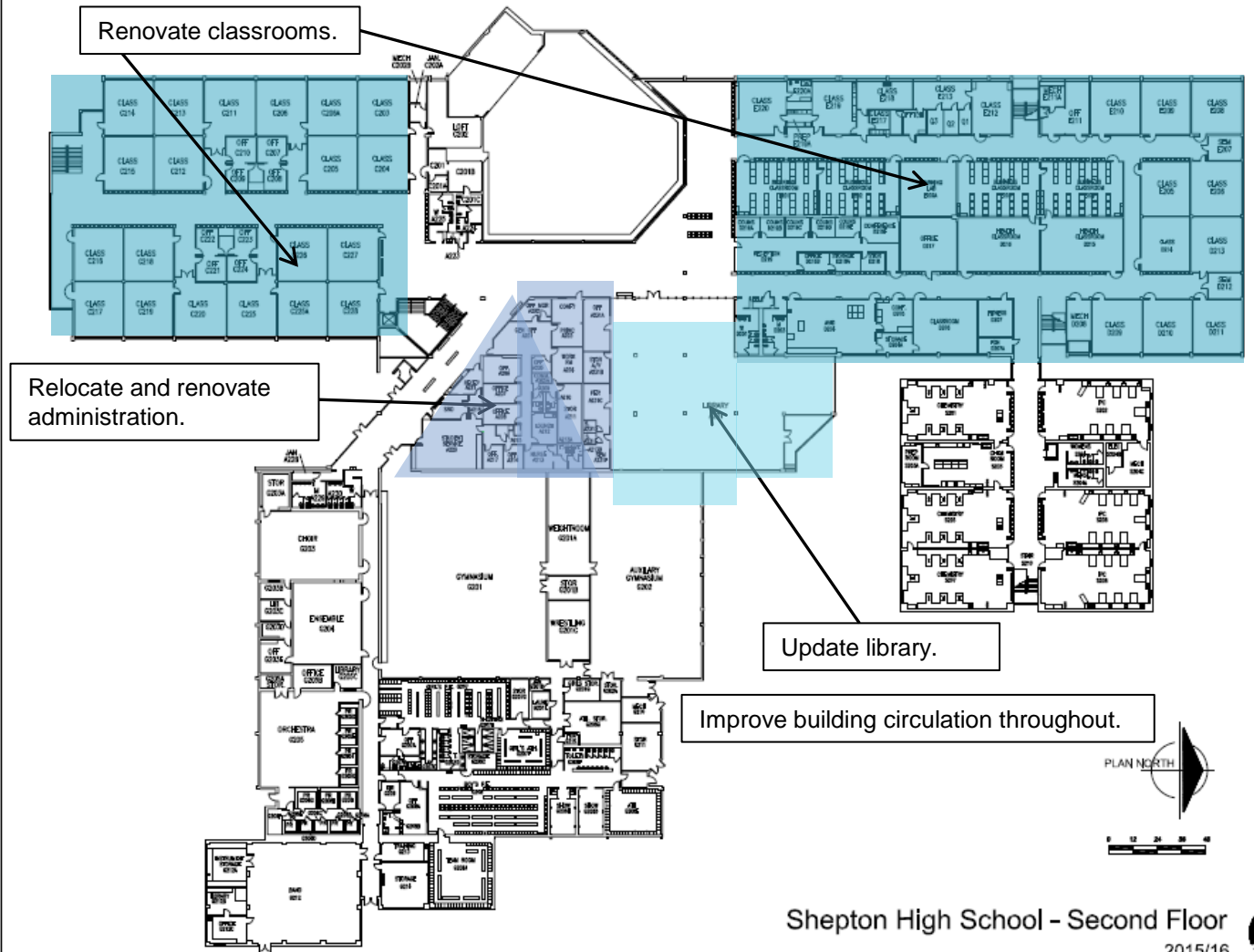
Improve cafeteria acoustics.

Expand kitchen.

Improve building circulation throughout.



Shepton High School – Second Floor

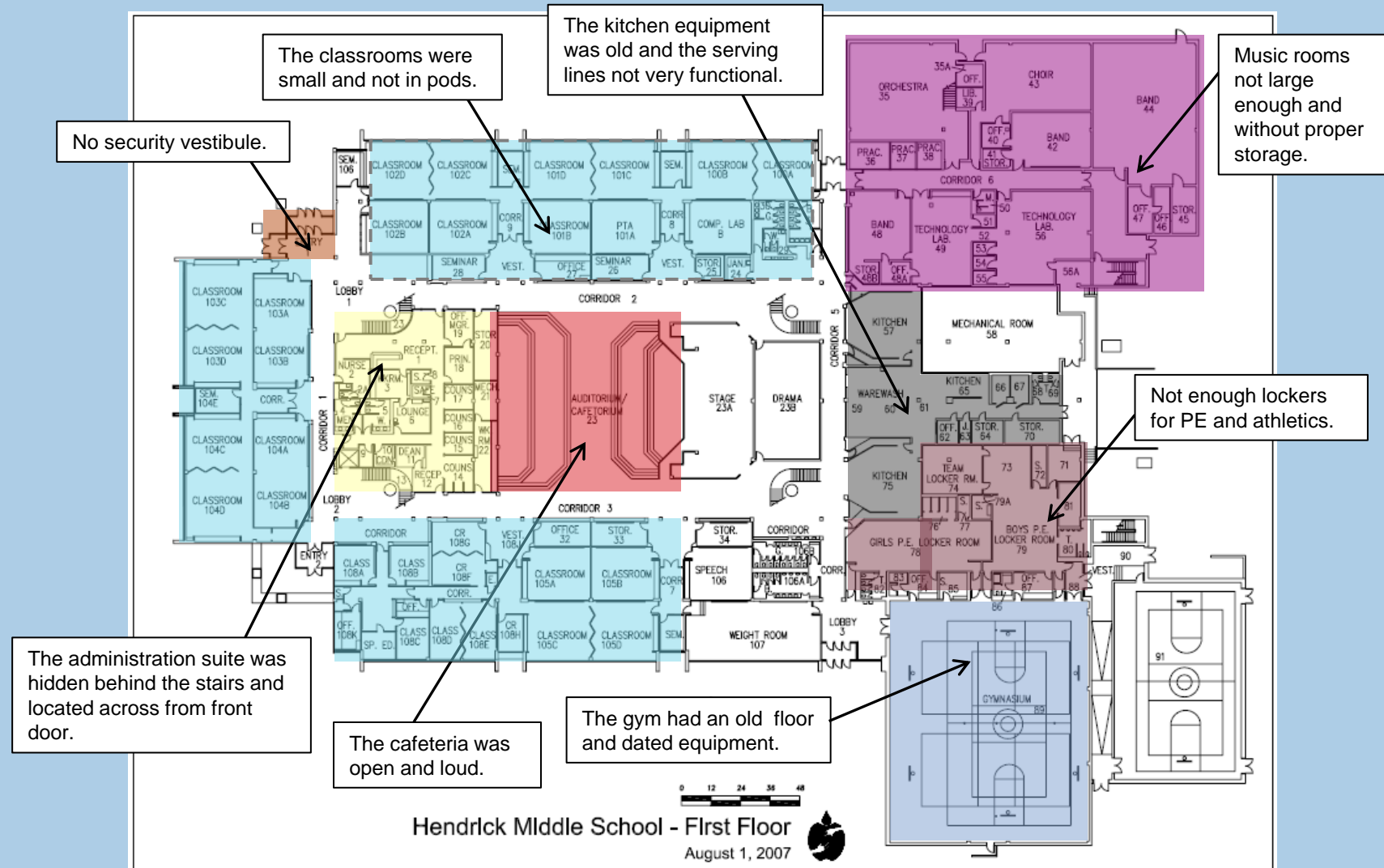


Why Robinson Middle School?

- Built in 1994 – now 21 years old. Will be 27 years old by 2021.
- Hendrick Middle School built in 1987, received major renovation in 2008 which improved/ corrected problematic design features.
- Robinson Middle School has virtually identical floor plan to the original Hendrick design.
- Originally scheduled for what would have been the 2012 bond program.



Hendrick Middle School – First Floor (Before)



Larger classrooms.

All new kitchen equipment, kitchen layout and serving lines.

Fine com. room.

New lockers. Adjusted layout.

New wood floor in the gym. New goals and bleachers.

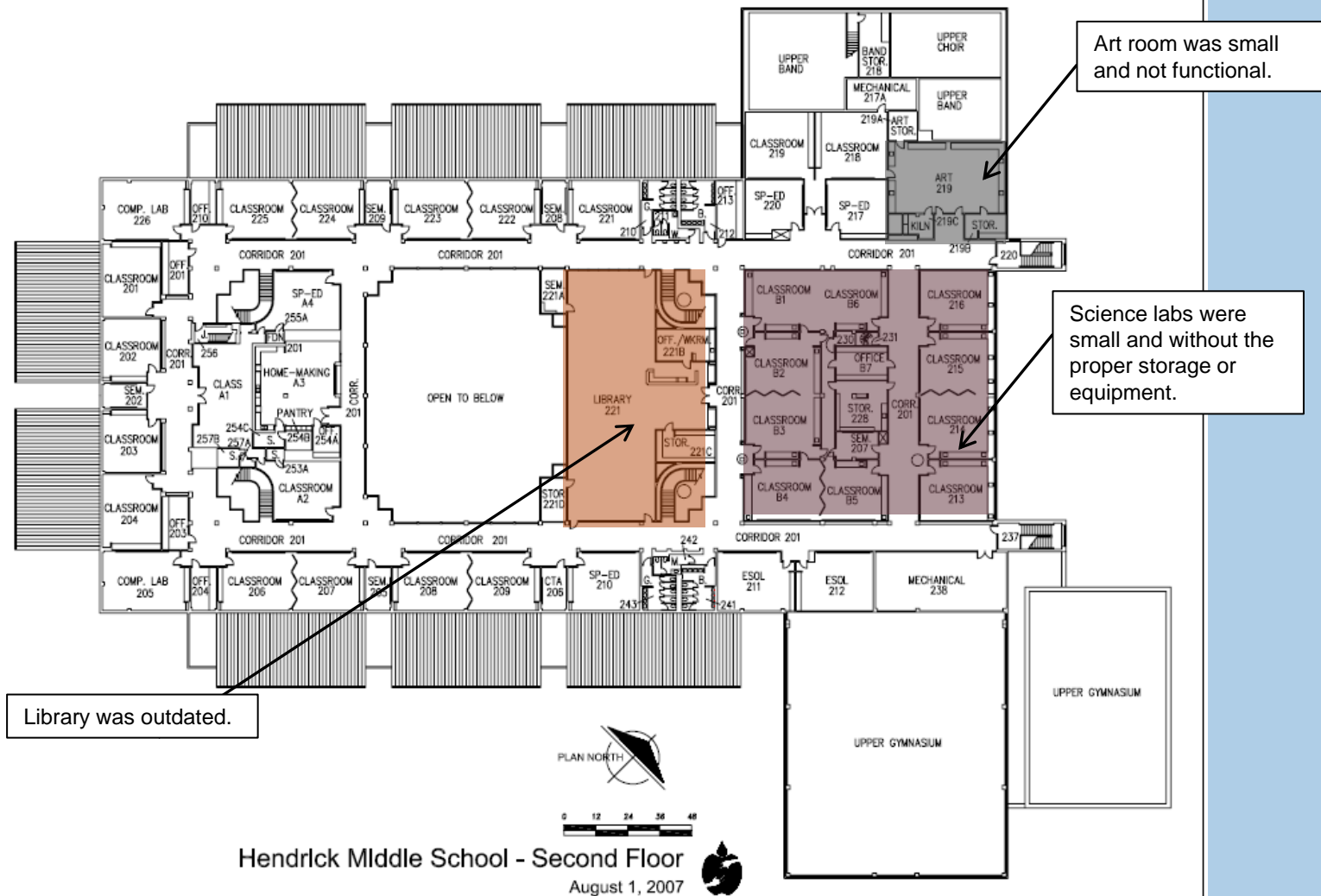
Cafeteria was enclosed all the way up to the 2nd floor. Tiered flooring was modified.

Special Education suite by...

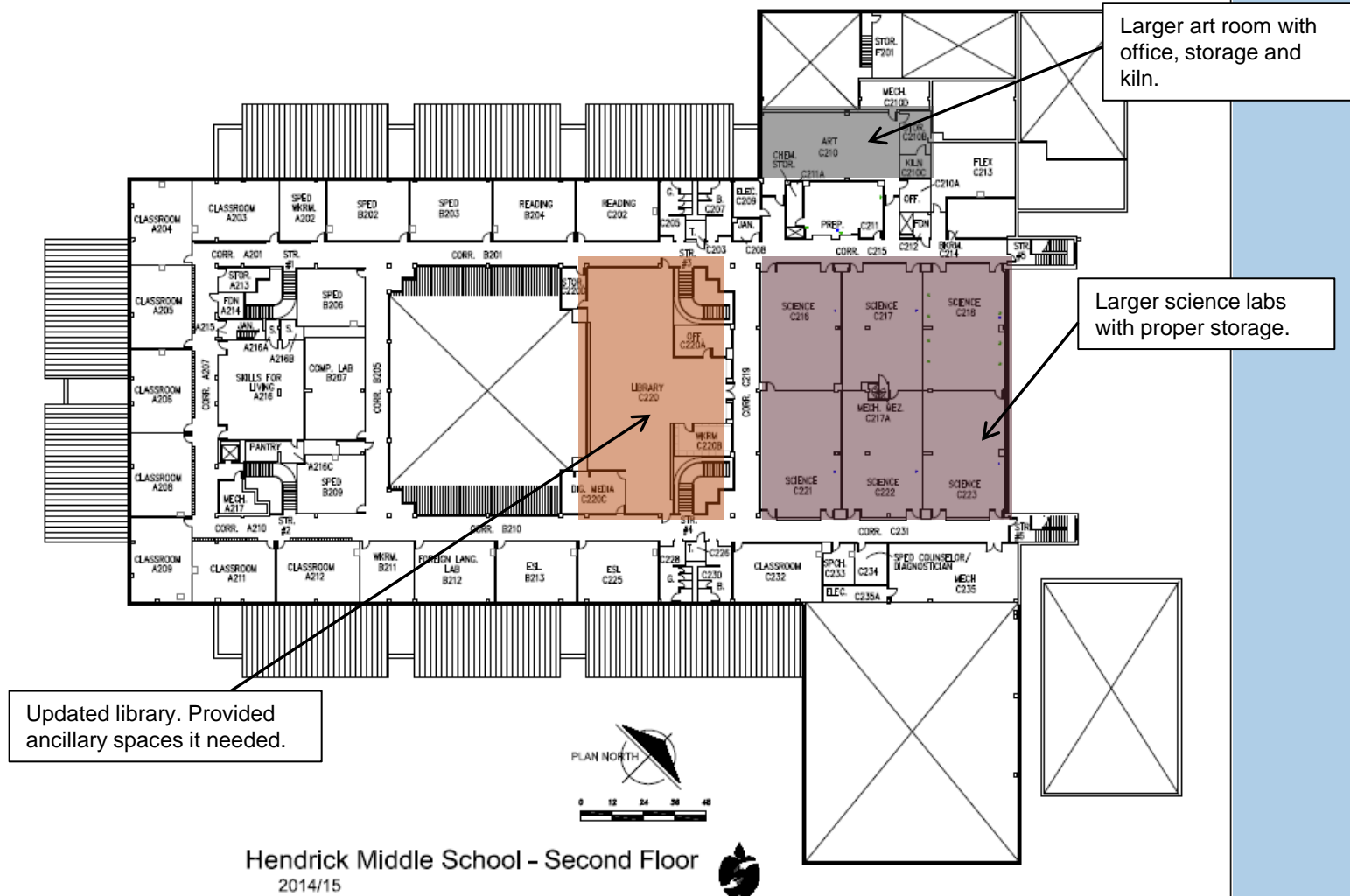
Hendrick Middle School - First Floor
2014/15

New wood floor in the gym.
New goals and bleachers.

Hendrick Middle School – Second Floor (Before)



Hendrick Middle School – Second Floor (After)




Robinson Middle School

- Estimated cost of \$34.8 million is based on actual Hendrick Middle School renovation cost adjusted for inflation.





Recommended Elementary School Refurbishments

- 
1. Miller
 2. Haggar
 3. Barksdale
 4. Gulledge
 5. Haun
 6. Skaggs

Why These Six?

- Initially scheduled to be included in what would have been the 2012 bond program. They are next on the list.
- All were built in the 1995-97 timeframe.



Elementary School Refurbishments

- Work will not be nearly as extensive as previous “20-year” projects due to a deceleration in changing standards (codes, circulation, classroom size, etc.)
- These schools already have TEA sized classrooms, good circulation, and enclosed dining rooms and libraries.
- Recommending \$2 million each, total of \$12 million.





Recommended Middle School Refurbishments

- 
1. Wilson
 2. Bowman

Why These Two?

- Our two oldest middle schools.
- Were scheduled to be part of the 2012 and 2016 bond programs.
- Most dated looking middle school facilities.



Middle School Refurbishments

- Not as extensive as major renovations.
- Recommending \$4 million each (2X cost of elementary).



High School Refurbishment

- Recommending Jasper High School.
- Originally scheduled for 2012 bond program.
- Built in 1996.
- Estimated cost of \$7 million (3.5X cost of elementary).



Facilities and Technology Task Force Meeting

September 30, 2015