

Patuxent Valley Middle School Additions and Renovations

Schematic Design Report

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Project Overview

- A complete systemic renovation of the existing building, including new mechanical, electrical, and IT systems
- Cluster teaching stations reconfigured into self-contained classrooms
- Construction of additions for an administrative area providing improved security and a COMAR approved health suite

Project Overview (con't)

- Interior spaces reconfigured for better circulation, given new finishes, and provide improved accessibility
- Another LEED 'Certified' project, with a geothermal HVAC system
- Project features an add-alternate to demolish the existing six-classroom modular section and replace with permanent construction

Patuxent Valley Middle School



Patuxent Valley Middle School



Patuxent Valley Middle School (Existing First Floor Plan)

COLOR LEGEND

- ADMINISTRATIVE SPACES
- GRADES 6-8
- SCIENCE CLASSROOMS, LABS
- SPECIAL EDUCATION
- CENTRAL SUPPORT SPACES
- ARTS & TECHNOLOGY
- BUILDING SERVICES

FLOOR AREAS

FIRST FLOOR	81,000 s.f.
SECOND FLOOR	16,445 s.f.
RELOCATABLE CLASSROOMS	6,889 s.f.
TOTAL BUILDING	104,334 s.f.



EXISTING FIRST FLOOR PLAN

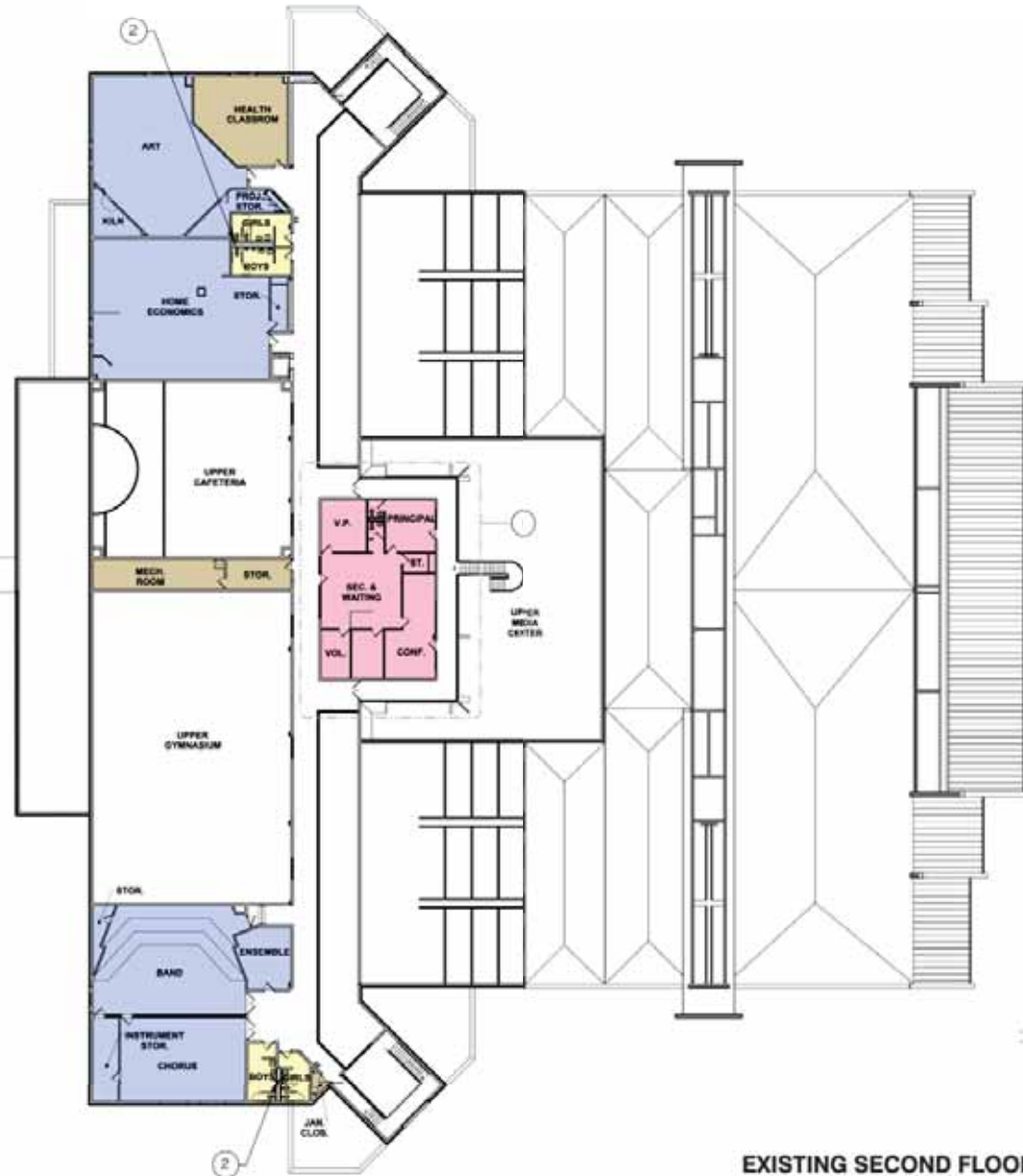
Patuxent Valley Middle School (Existing Second Floor Plan)

COLOR LEGEND

- ADMINISTRATIVE SPACES
- GRADES 6-8
- SCIENCE CLASSROOMS/LABS
- SPECIAL EDUCATION
- CENTRAL SUPPORT SPACES
- ARTS & TECHNOLOGY
- BUILDING SERVICES

FLOOR AREAS

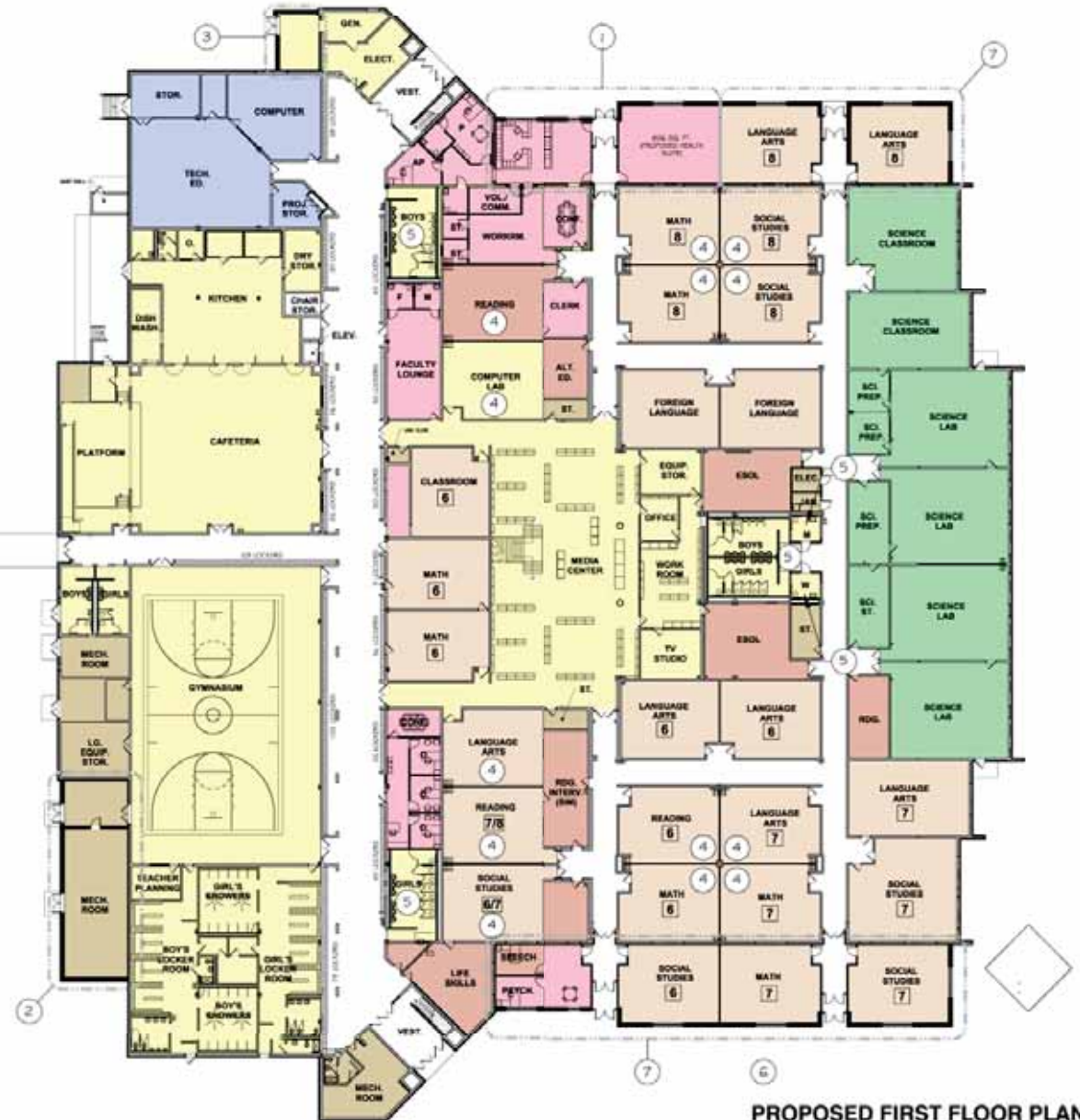
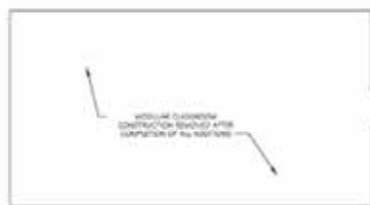
FIRST FLOOR	81,000 s.f.
SECOND FLOOR	16,445 s.f.
RELOCATABLE CLASSROOMS	8,889 s.f.
TOTAL BUILDING	104,334 s.f.



EXISTING SECOND FLOOR PLAN

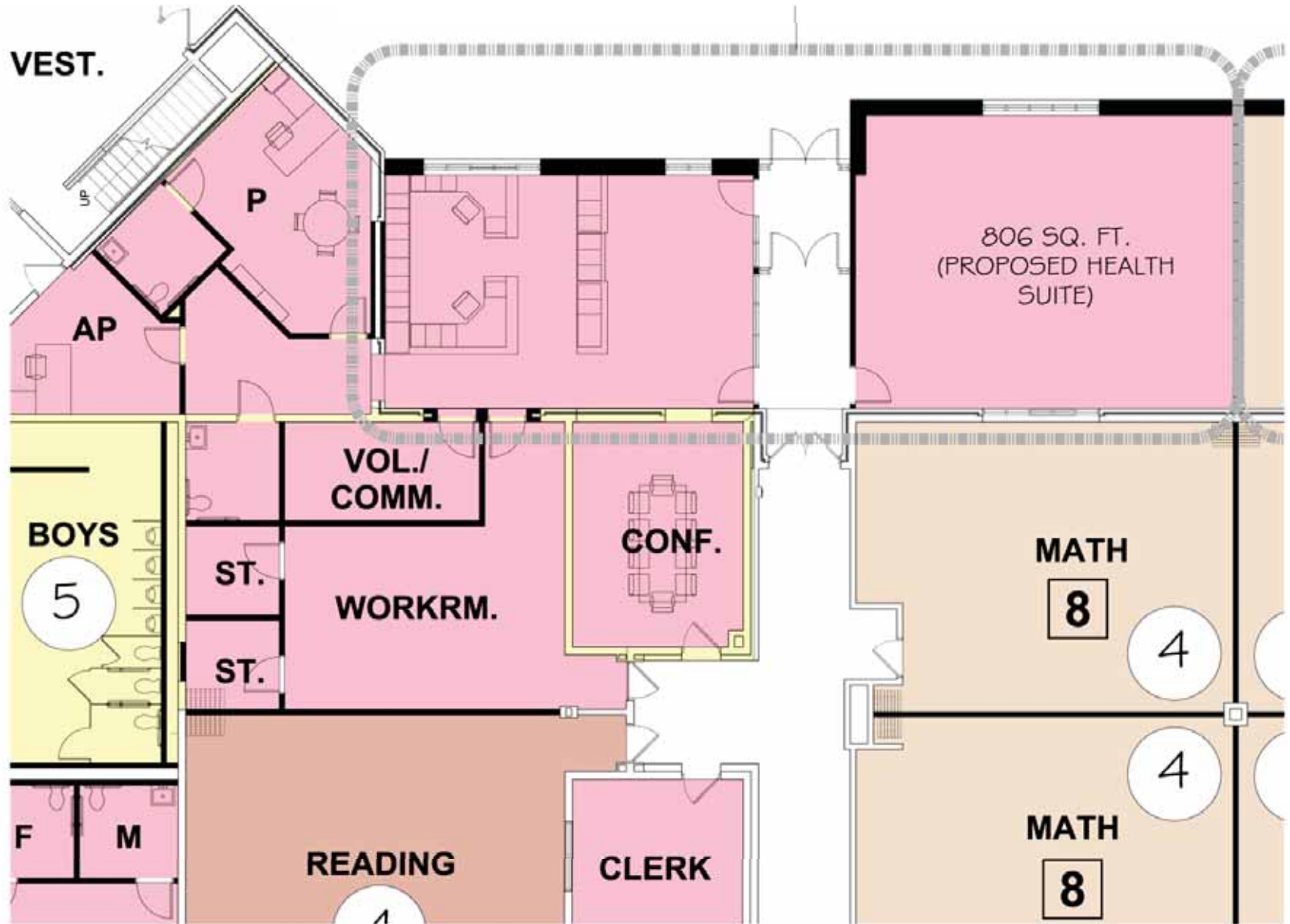
Patuxent Valley Middle School (Proposed First Floor Plan)

- COLOR LEGEND**
- ADMINISTRATIVE SPACES
 - GRADES 6-8
 - SCIENCE CLASSROOMS-LABS
 - SPECIAL EDUCATION
 - CENTRAL SUPPORT SPACES
 - ARTS & TECHNOLOGY
 - BUILDING SERVICES
- FLOOR AREAS**
- | | |
|----------------|--------------|
| FIRST FLOOR | 81,000 s.f. |
| SECOND FLOOR | 16,445 s.f. |
| BASE BID | |
| ADDITIONS | 4,515 s.f. |
| ALTERNATE BID | |
| ADDITIONS | 4,560 s.f. |
| TOTAL BUILDING | 106,520 s.f. |

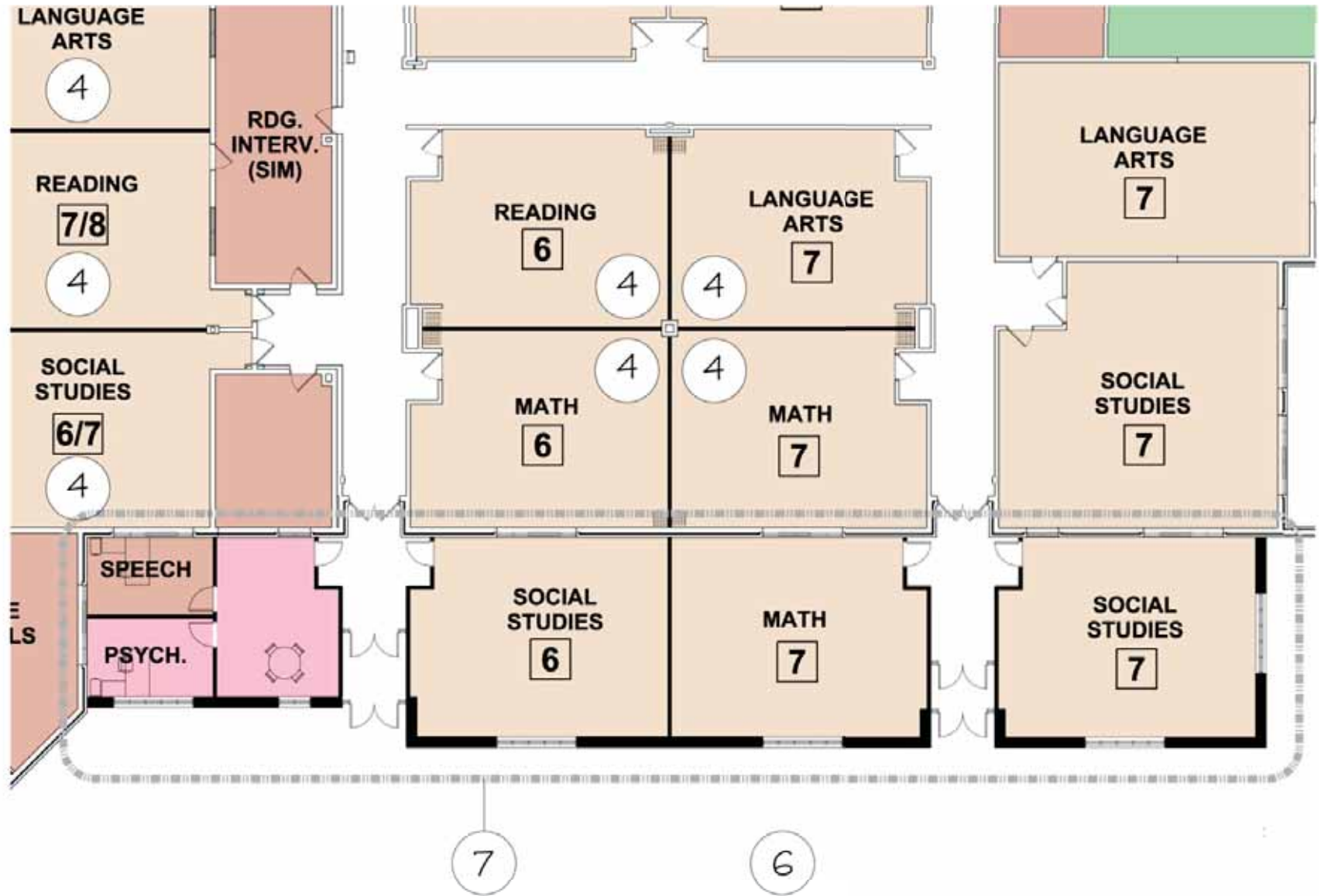


PROPOSED FIRST FLOOR PLAN

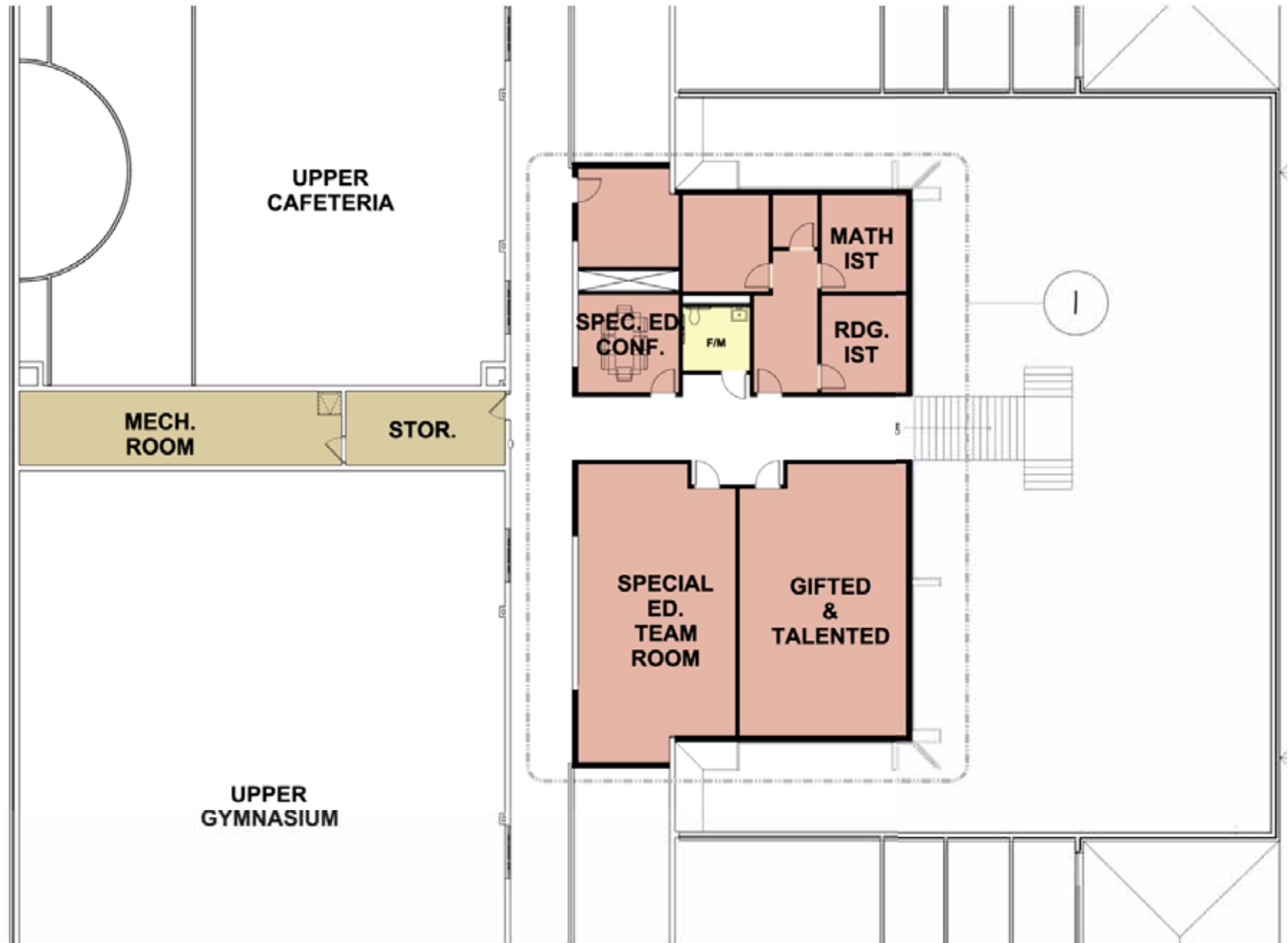
Patuxent Valley Middle School (New Admin Office and Health Suite)



Patuxent Valley Middle School (New Addition; Alternate)



Patuxent Valley Middle School (Second Floor Former Admin Office)



Summary

- Schedule (contingent upon state and local funding)
 - Design Development (DD) report April 2014
 - Construction Documents (CD) report August 2014
 - Receive bids November 2014
 - Construction starts January 2015
 - Completion August 2017
- Request approval to move into DD phase