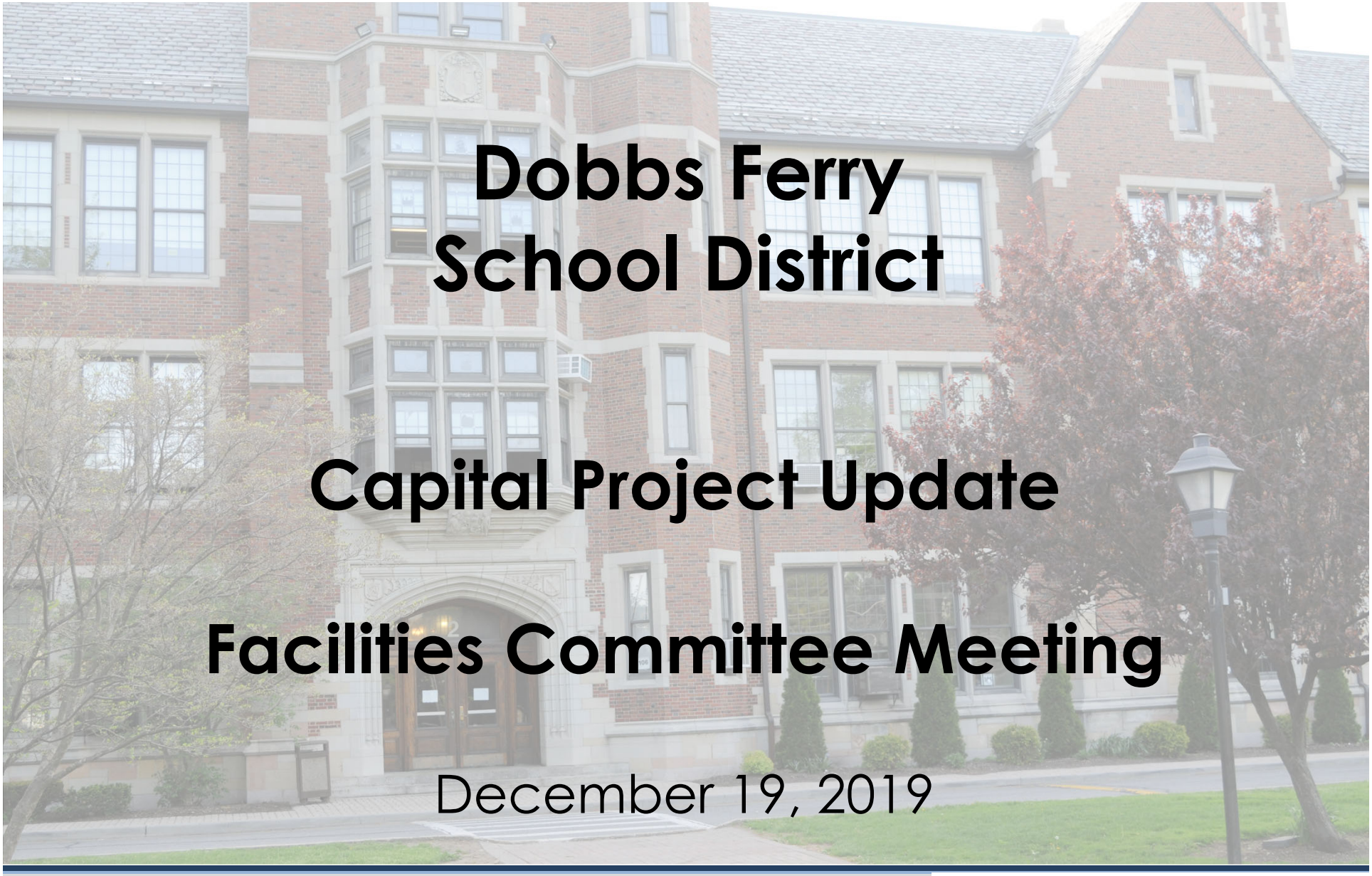

Dobbs Ferry School District

Capital Project Update

Facilities Committee Meeting

December 19, 2019

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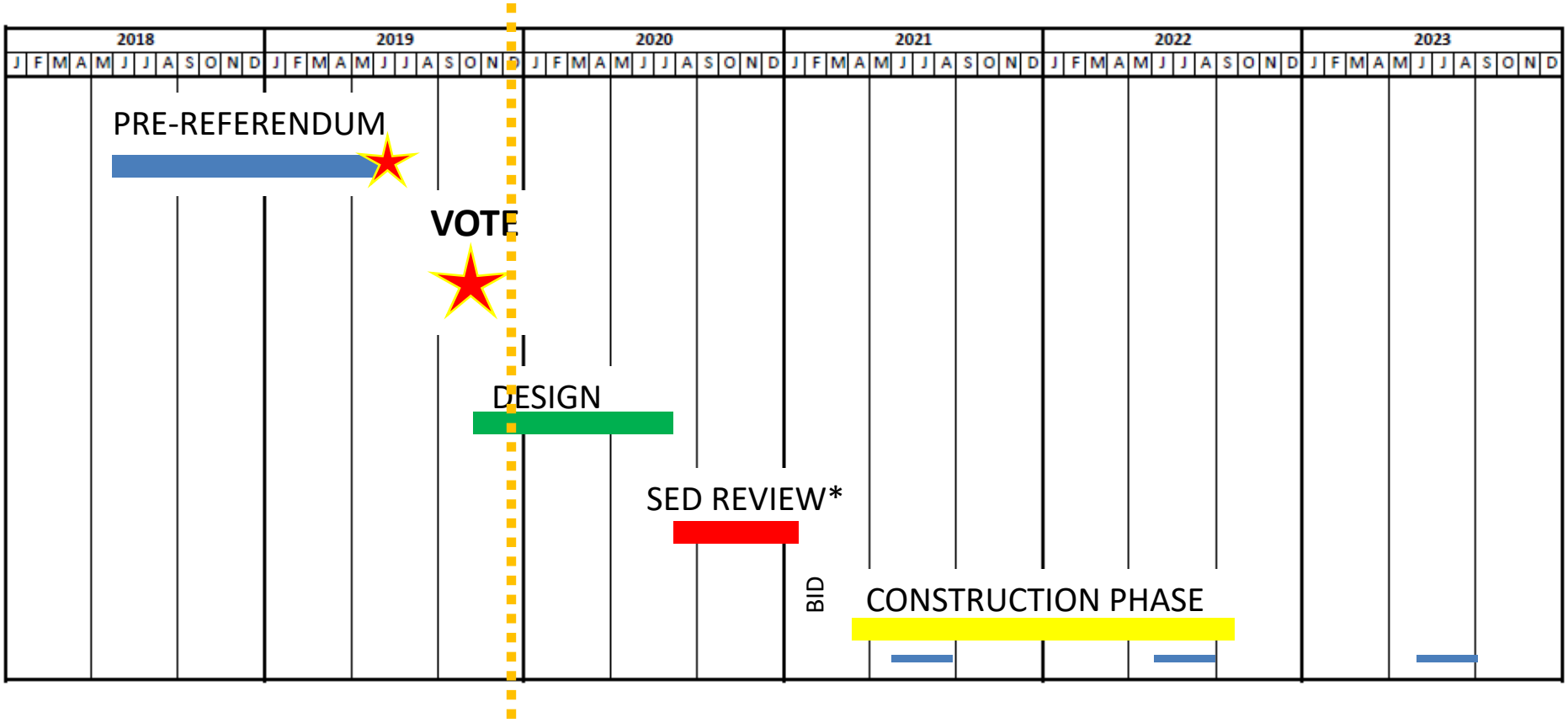
Capital Project Update

1. Project Design Schedule
2. “User Group” Meetings
3. Scope Review/Updates

Capital Project Timeline



* SED Review times can vary

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Design Schedule

Project Phase	Start Date	End Date	Duration (Work Days)
Schematic Design (SD), including cost estimating	6-Nov-2019	24-Jan-2020	58
Design Development (DD), including cost estimating	5-Feb-2020	17-Apr-2020	53
Contract Documents (CD)	22-Apr-2020	20-Jul-2020	64
Submit to SED	20-Jul-2020	24-Jul-2020	5
SED Review and Approval	27-Jul-2020	22-Jan-2021	130 *

* SED approval timeframes are estimated, and are solely dependent upon SED's workload at time of project submission.

Facilities Committee Meetings: 1/28/20, 4/14/20, and 6/16/20
BOE Meetings: 2/4/20, 4/21/20 and 6/23/20

User Group Meetings

- Springhurst ES – Security Vestibule (x2)
- Springhurst ES – Traffic Safety
- Springhurst ES – Library / Media Center (x2)
- Springhurst ES – Athletics (Varsity Softball field)
- MS/HS – Old Croton Aqueduct Egress Path
- MS/HS – Auditorium / Theater Improvements
- MS/HS – HVAC (MS HVAC, Auditorium & HS A/C)
- MS – Roof replacmenet

Capital Project Scope

- Middle School Roof Replacement
- Middle/High Auditorium Improvements
  - Sound System
  - Theatrical Lighting
  - Stage Rigging
  - ADA Improvements
- Middle/High Auditorium Air Conditioning
- High School Classroom Air Conditioning
- Middle School – HVAC Replacement
- Sitework Improvements - Middle/High School
  - Access pathway to Old Croton Aqueduct
  - Retaining wall improvements
  - Stormwater improvements

Capital Project Scope

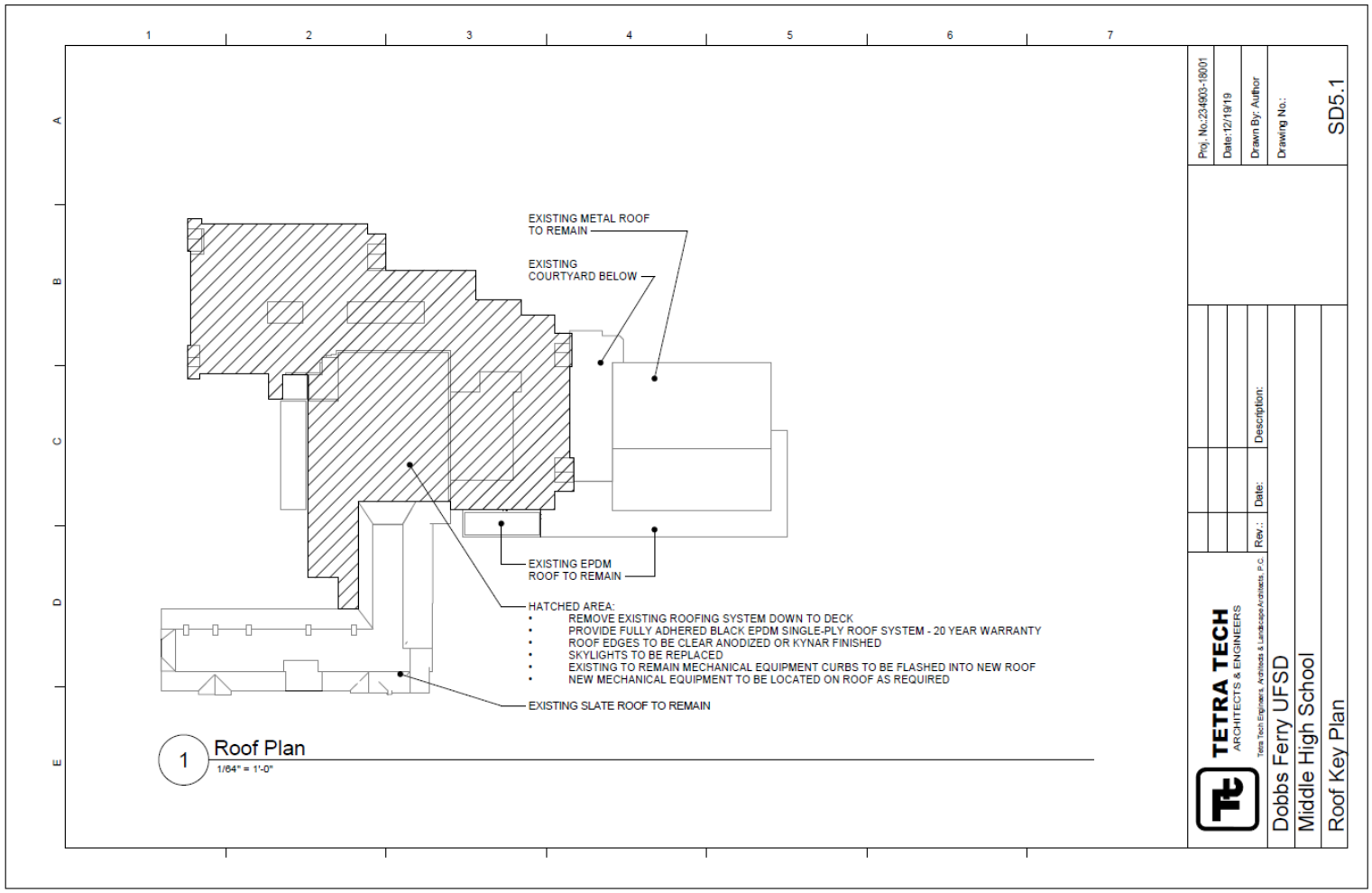
- Springhurst Elementary Secure Entry Vestibule
- Springhurst Library / Media Center Improvements
- Sitework Improvements - Springhurst Elementary
  - Sidewalk along visitor driveway
  - Varsity Softball field improvements

Dobbs Ferry Union Free School District
2018 Preliminary Capital Project Scope

Revised: 6/11/19

/ Contract	Scope Item	Budget	Priority Lev	Priority 1 Budgets	Notes
Dobbs Ferry Middle/High School – SED Building # 0-001					
General					
	Auditorium Upgrades: *(Equipment cost estimates per Theatre Projects Consultants Report)*				Stage (19'-8" d x 60'-8" w x 38'-3" to deck/33'-4" to steel), 50'-8" proscenium opening. *General finish work to coordinate with Stage Rigging and Audio/sound systems improvements (grilles, cut & patch, etc.) to be developed.*
	-Rigging System Replacement		1		program.
	-Add cyclorama		1		For lighted backdrop.
	-Performance Lighting - Fixtures & Controls		1		Includes replacement of fixtures with LED, dimming and controll's, added side Front of House and running lights.
	-Performance Sound, Video and Communications		1		
	Control Room (square footage renovation cost).		1		Reconstruct existing booth (combine 3 spaces into one, enlarge window/opening).
	ADA improvements		1		Improve ADA access to stage. Consider other potential improvements too.
	GC, Electrical and Structural for Auditorium improvements		1		Infrastructure work (structural, general construction, etc) to support Auditorium Upgrades listed above.
	Auditorium Upgrades Subtotal:	$1,680,349	1	$1,680,349	
	Roofing replacement at areas of existing modified bitumen.	$2,282,142	1	$2,282,142	Existing built up roof (BUR) at end of useful life, experiencing leaks/water intrusion thru asphaltic seam failure...currently under warranty (and being serviced) thru 2024. Moisture scan recommended as part of design. Replace remaining vintage areas with fully adhered, single-ply membrane w/poly isocyanate insulation R-30ci, rated for 100 mph wind speed and 20 year warranty.
HVAC					
		$988,441	1	$988,441	The current roof is heavily populated with condensing units and aging roof mounted air handers with Dx cooling many of which are nearing the end of their design life and are obstructing required roofing work in the same area. An integrated solution involves replacing this aging equipment with cooling provided by a central air cooled chiller plant. This would provide for reduced maintenance and improved efficiency. If the initial request for additional cooling at the older / original portion of the building must predate the replacement of the middle school equipment, a modular approach to the chiller with thermal storage should be considered. This is often both a lowest first cost and life cycle cost approach, as the thermal storage is less costly than refrigeration machinery and allows for chiller operation during cooler off-peak hours. The cost listed is for a roof mounted chiller sized for the Auditorium and remainder of the original portion of the HS, with near chiller piping and pumps sized for the future

Middle School Roof



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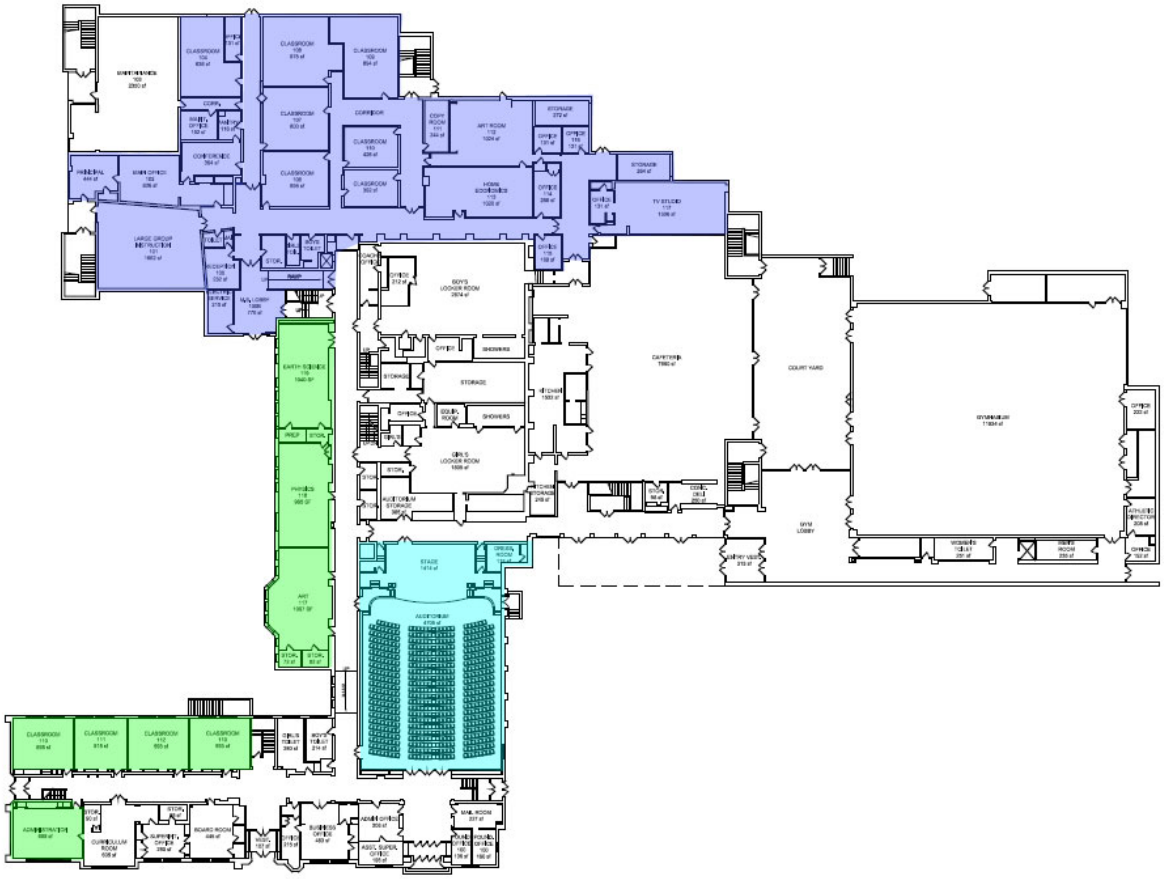
Mechanical System Work

First Floor - Middle School / High School



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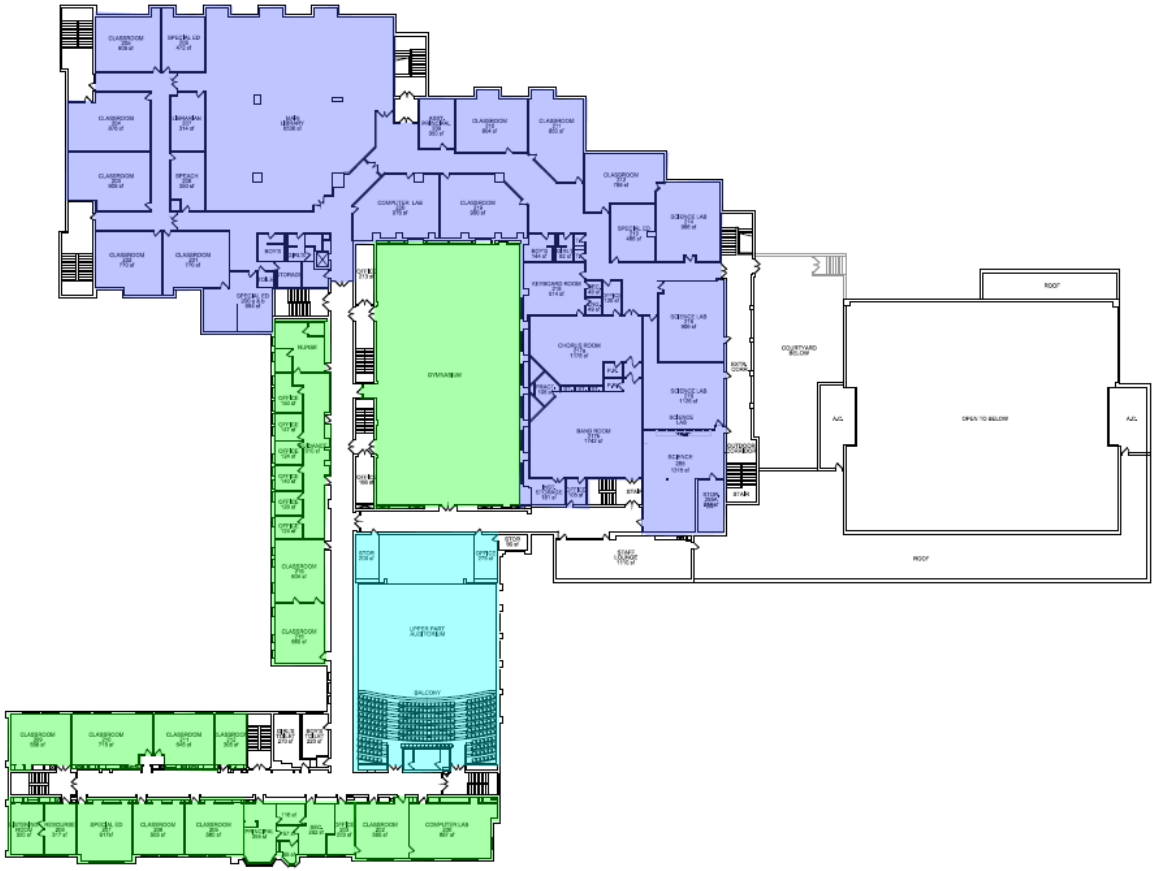
Mechanical System Work

Second Floor - Middle School / High School



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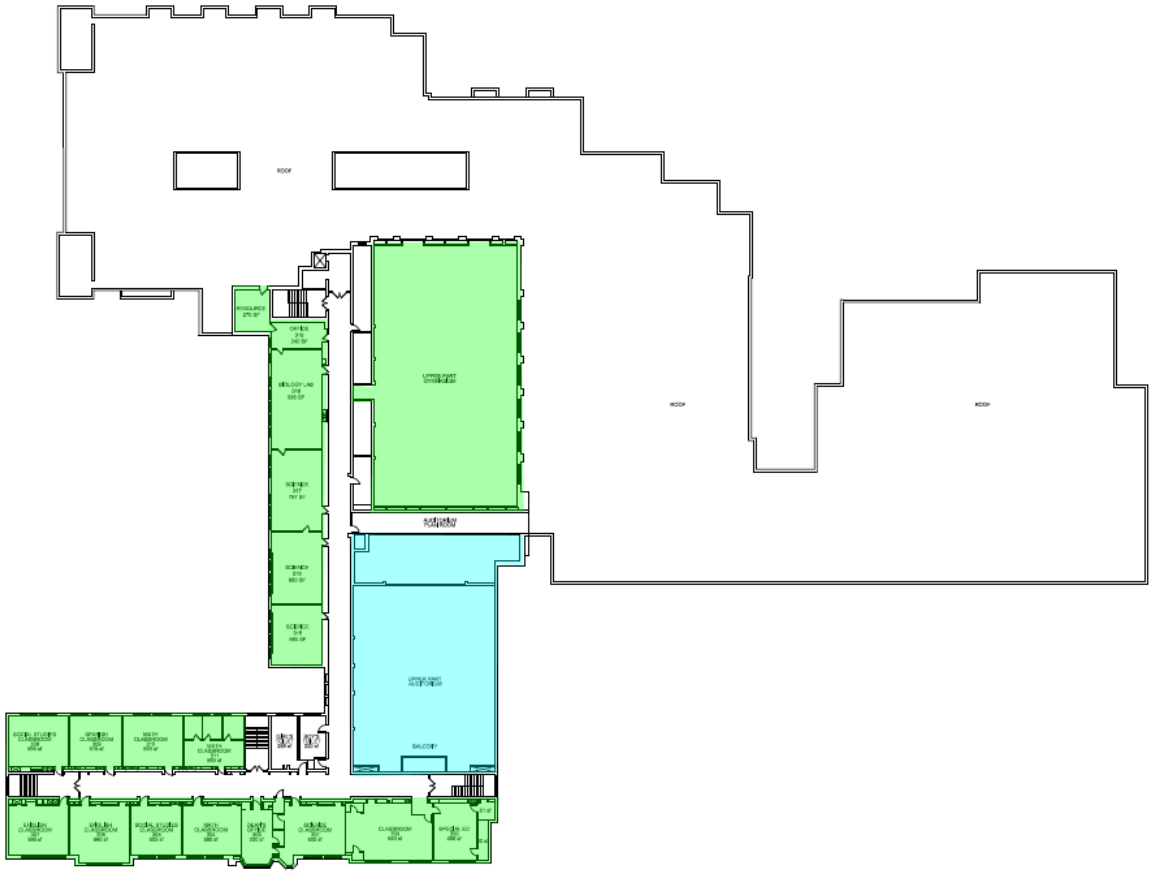
Mechanical System Work

Third Floor - Middle School / High School



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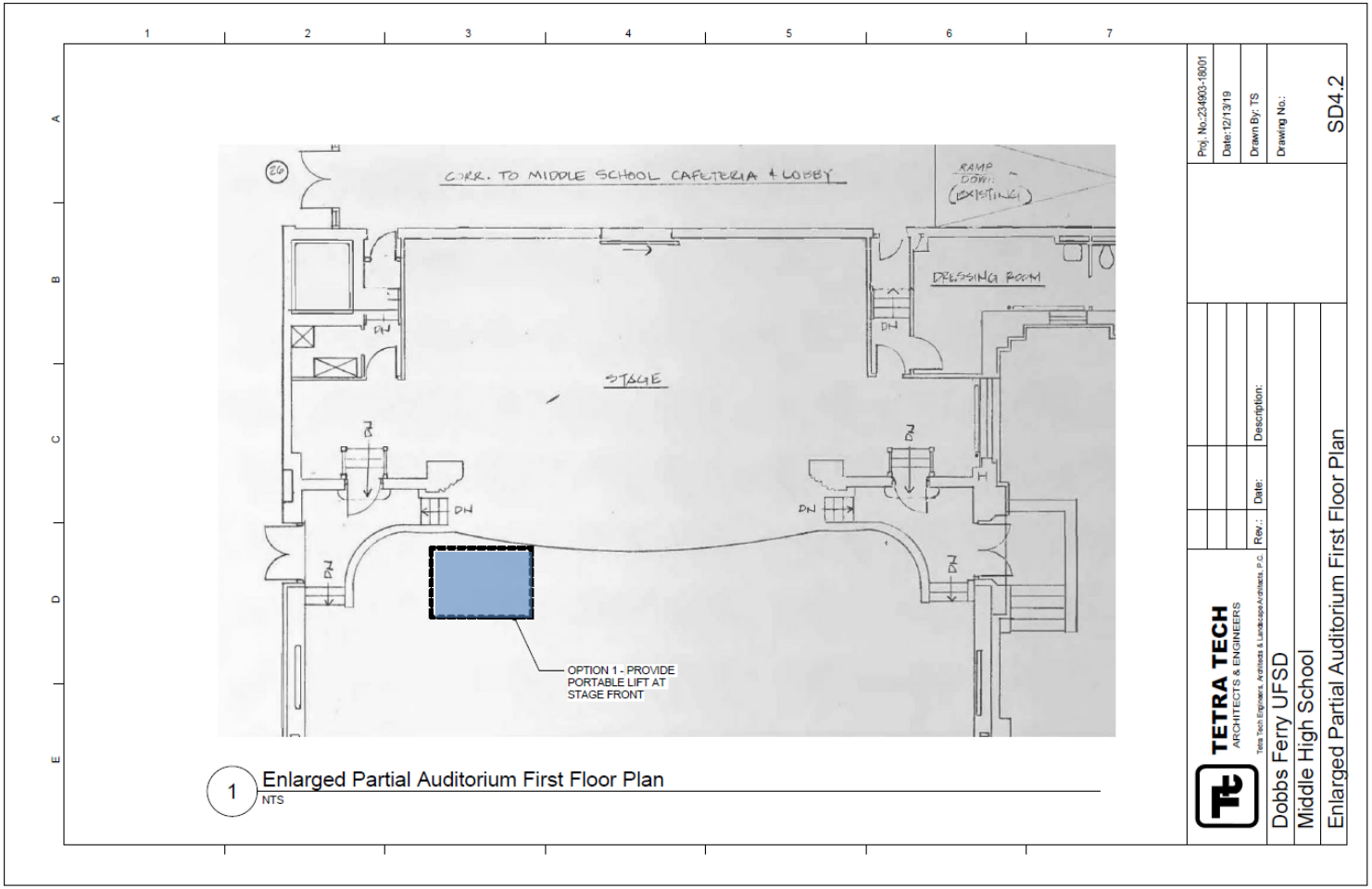
Auditorium Stage Lift



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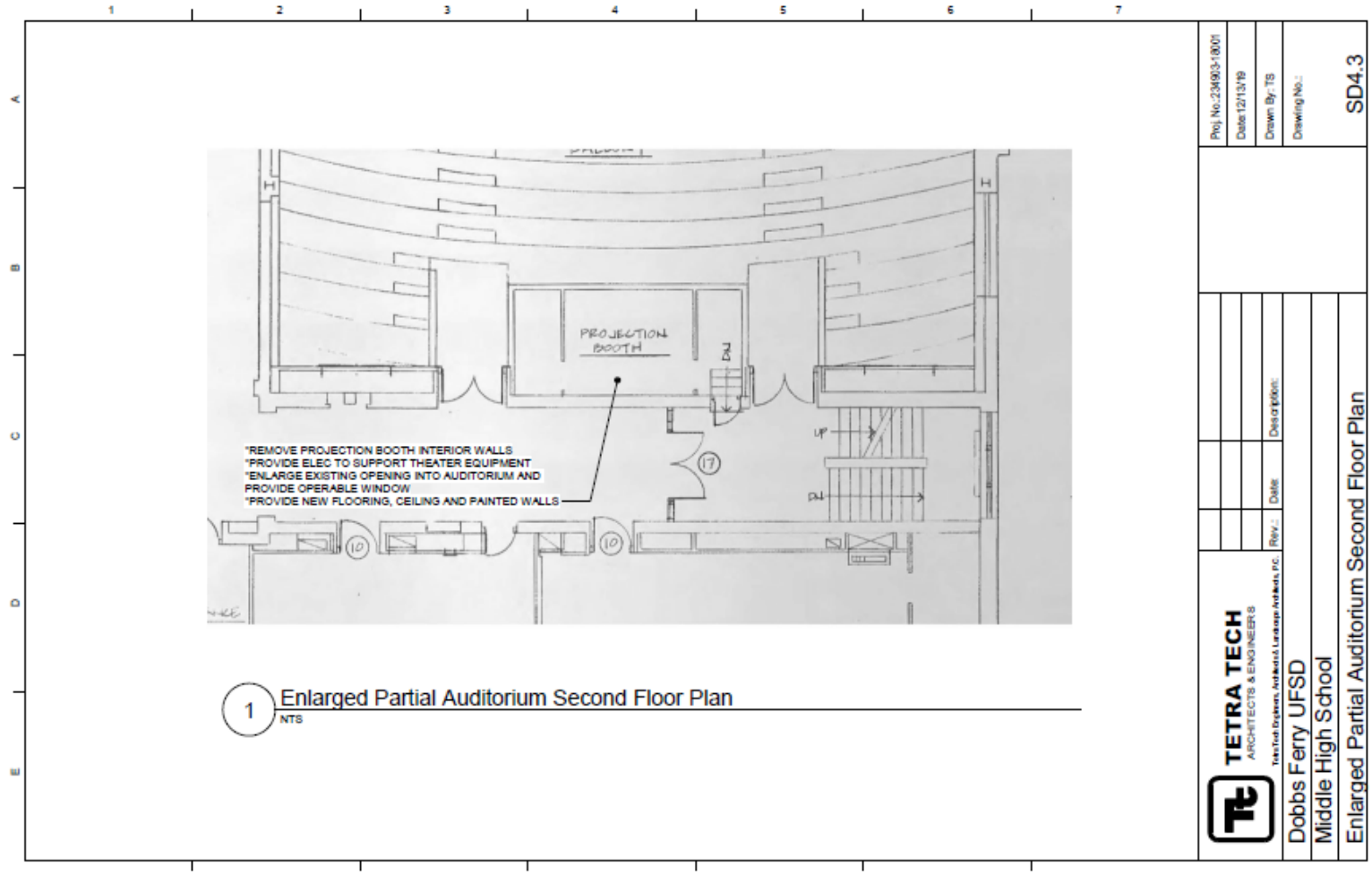
Auditorium Control Booth



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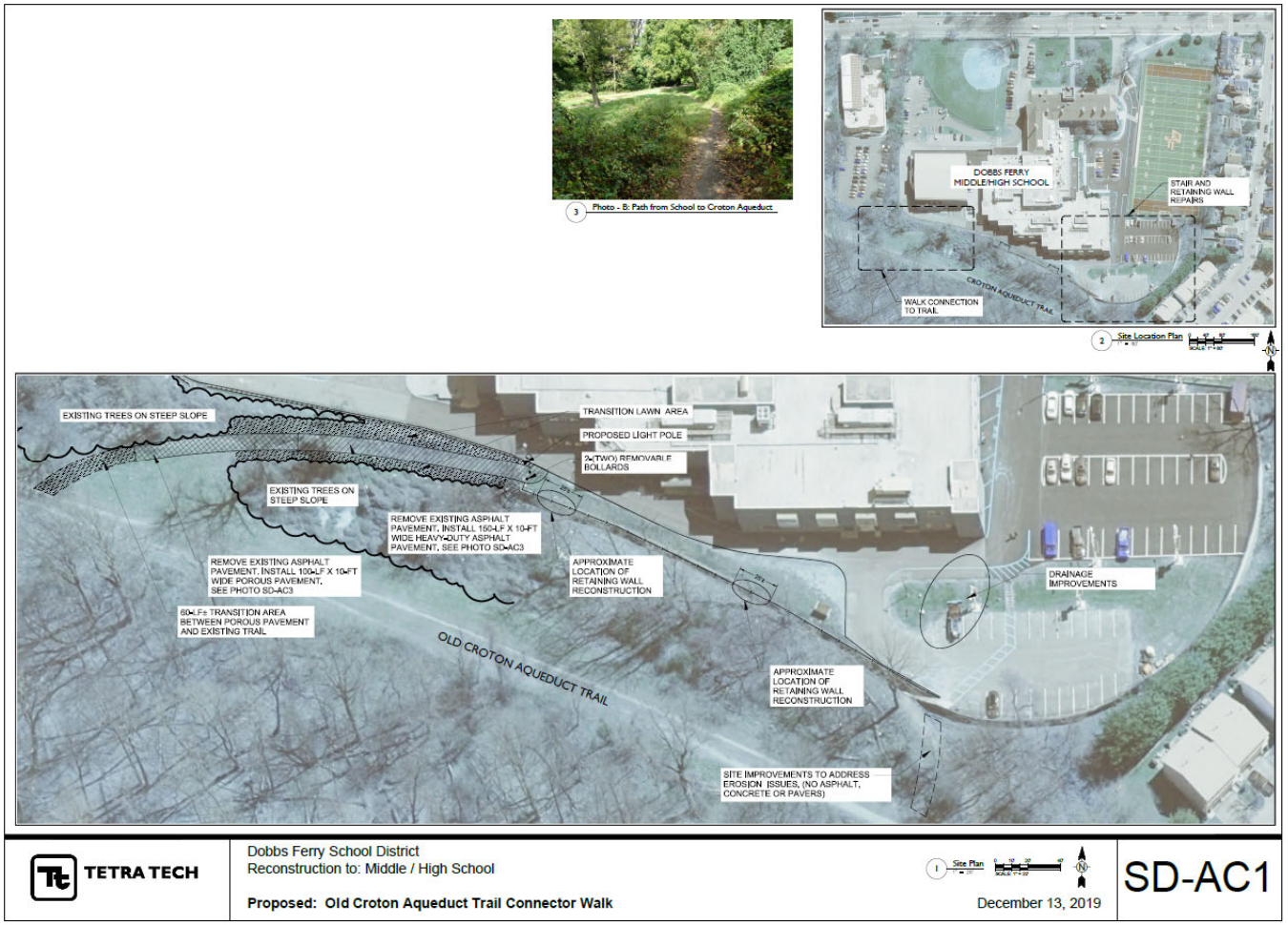
New Access Pathway to Aqueduct



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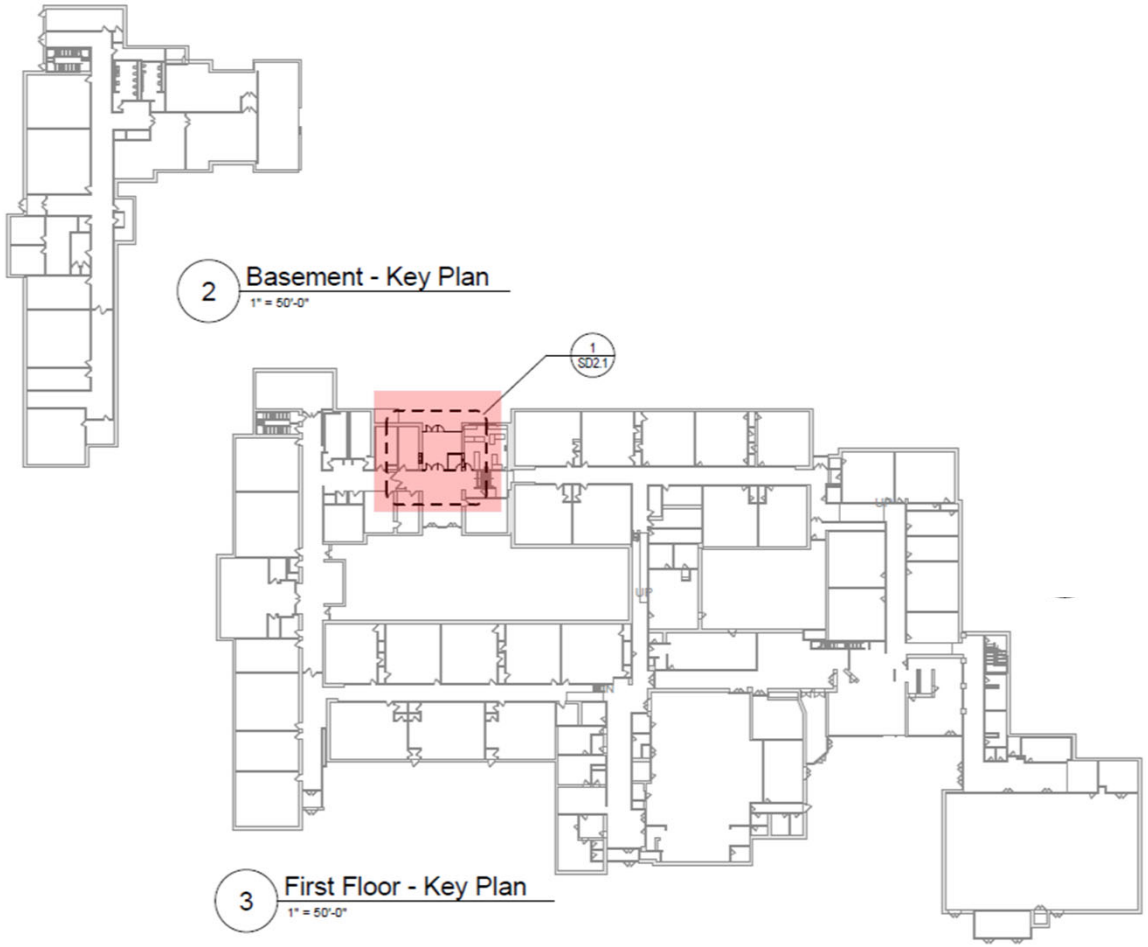
Springhurst Elementary School



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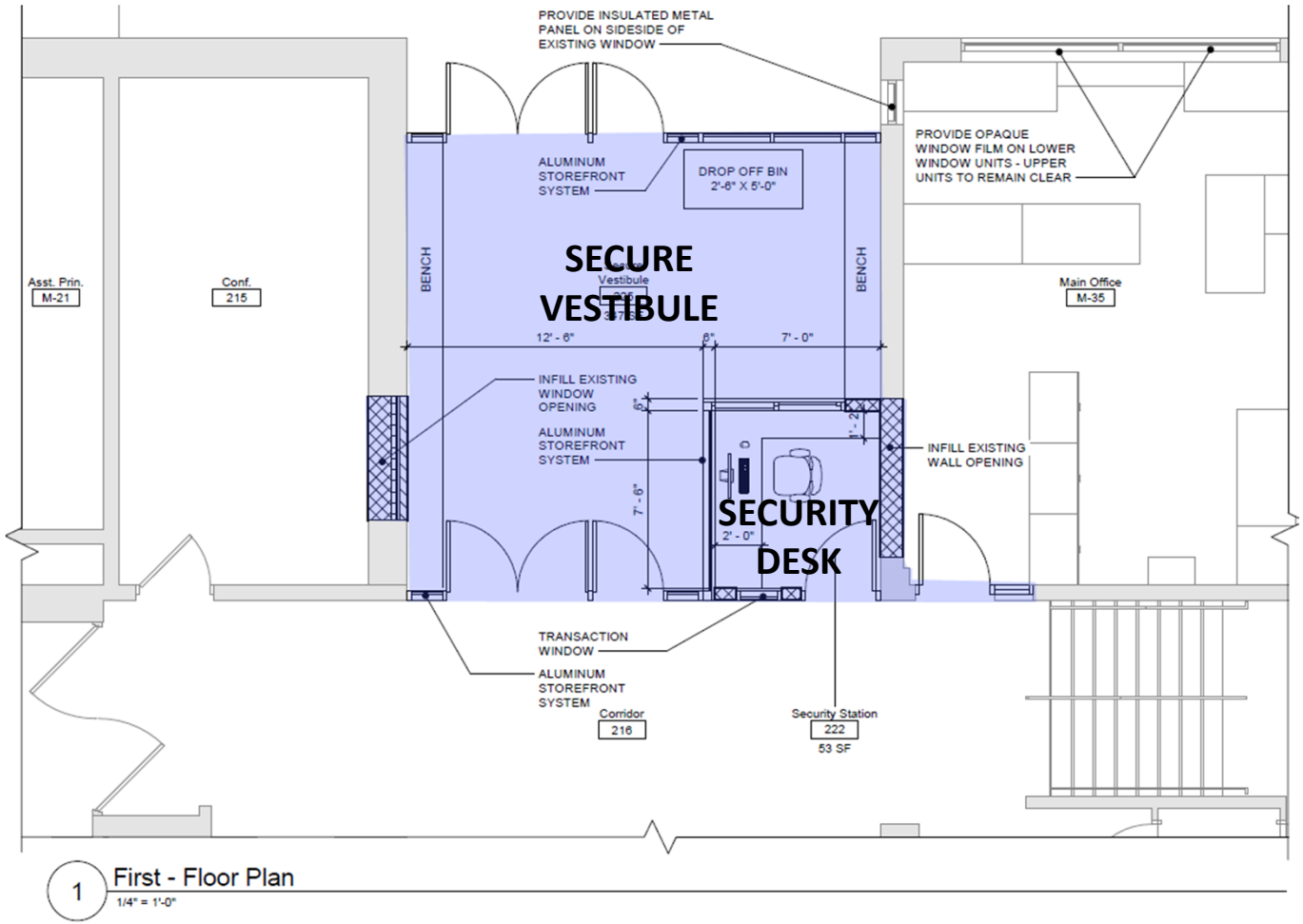
Springhurst Secure Vestibule



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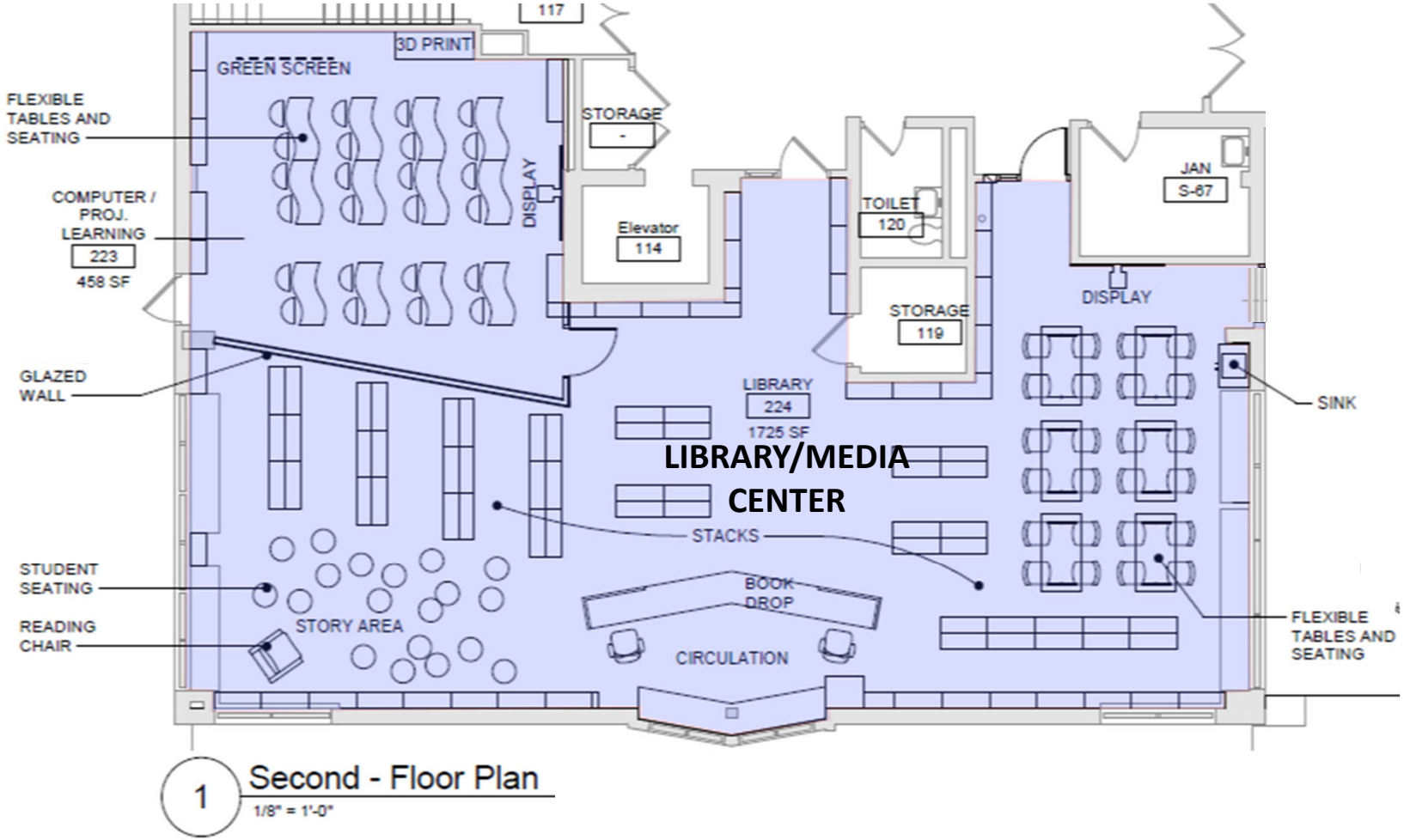
Springhurst Library/Media Center



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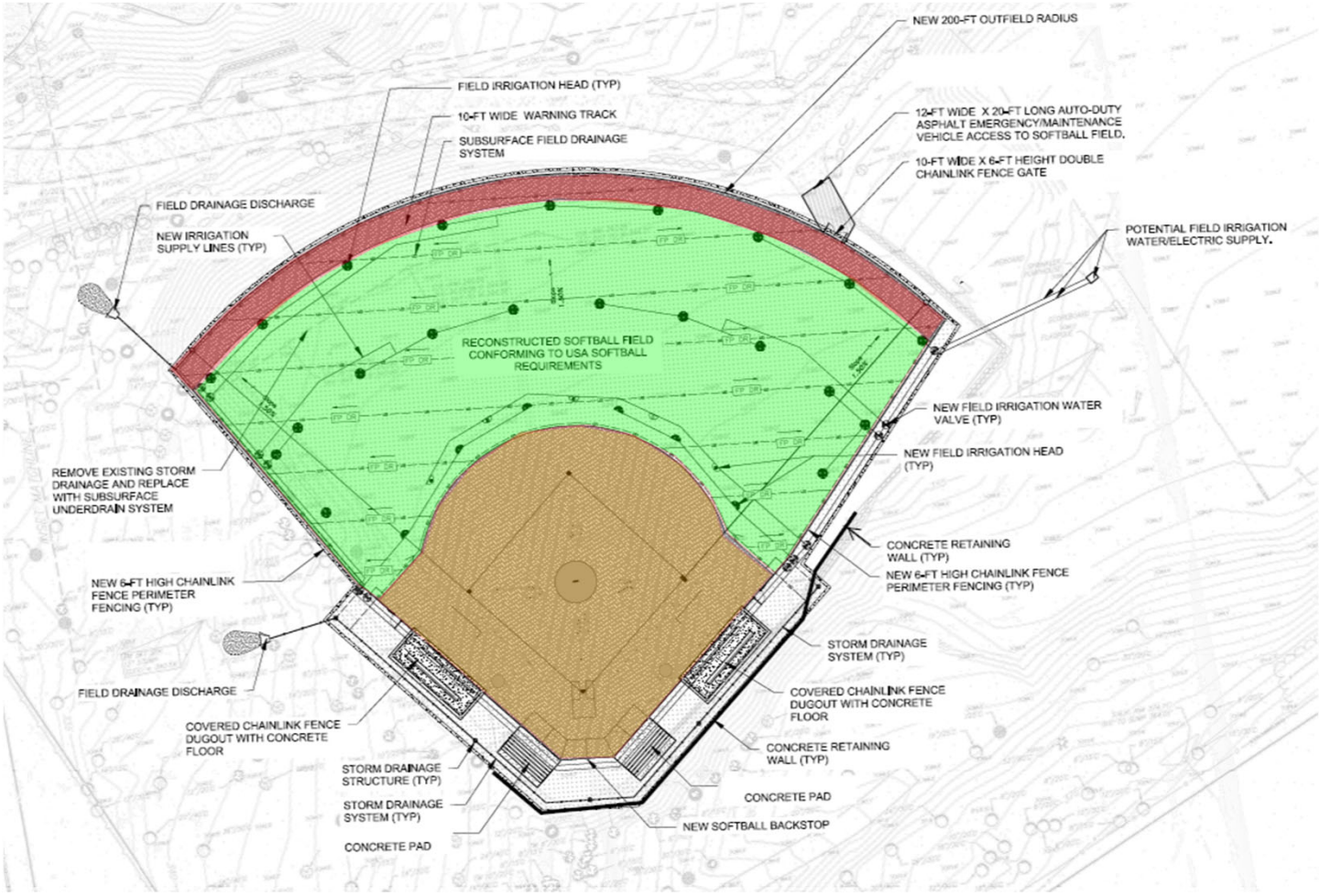
Springhurst Softball Field Improvements



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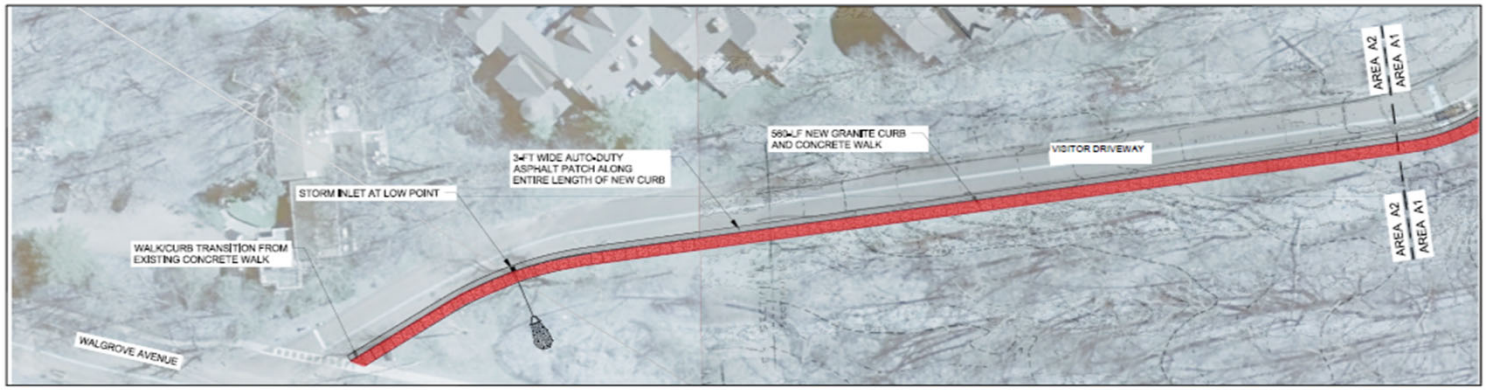
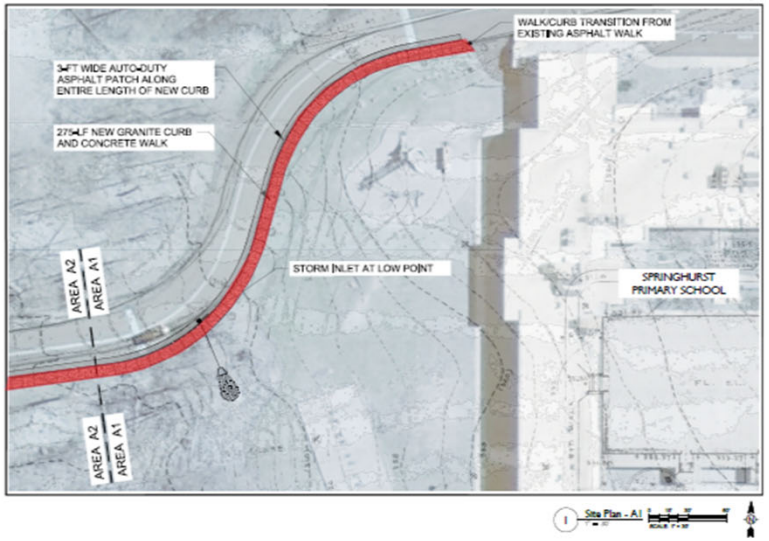
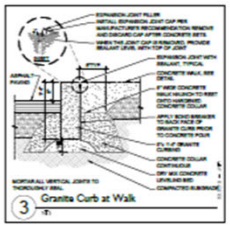
Springhurst Visitor Entrance Sidewalk







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