



NORTHSHORE SCHOOLS

Discovering Your Dreams

North Shore Central School District

2019 Capital Project

Board of Education Meeting

July 11, 2019

CS**ARCH**

Agenda



1. District priorities & goals
2. Process to date
3. Scope of Work
4. Design
5. Project Cost
6. Timeline
7. Discussion

Top Priorities

- Safety & Security
- Instructional space
- Infrastructure
- Energy Performance (through an EPC)

Goals

- Tax neutral
- Bold and Impactful
- Healthy, safe and efficient
- Contemporary, collaborative learning spaces

Process to date

Explore/ Assess / Recommend

- October 2018 to April 2019:
 - District Administration and Bond Steering Committee, School Principals, Department leaders and directors
 - Security consultant meeting and school walk-throughs
 - Architectural team building walk-throughs with/without school principals
 - Design team BCS/5 Year Plan Review w/ administrative team
 - Infrastructure/EPC meeting with administrative team

School by school review: Identified scope of work

Glen Head Elementary School	Safety + Security	Instructional	Infrastructure	EPC	Health + Wellness
Nurse Suite renovations			●		●
Library renovations - including adjacent computer lab and access to outdoor space		●			
Maker space - transform existing space into true maker space/or relocate		●			
Renovations to bathrooms in classrooms 107, 109, 113 and 119; consider general classroom renovations			●		●
Secure entrance vestibule	●				●
Relocate OT/PT from room 103, and reclaim for classroom space, consider moving to ground floor		●			●
Auditorium renovations - reimagine use		●	●		
Relocate ground floor music spaces; rooms 010,012,018 and 019		●			●

Where are we now?

- Prioritized scope of work with Bond Steering Committee
- Reconciled project estimate
- Selected a site/civil consultant service firm
- Initiated communications w/ SED and started the preliminary plan review
- Reviewing Energy Performance Contract proposals received

Scope of Work



- Library/Media Centers and STEAM Labs at each school
- MS additions and renovations
 - Assembly / Study Hall / STEAM Lab / Math & Coding lab
- HS renovations
 - Departmental reorganization creating;
 - Math & Science Hub and Humanities Hub
 - Better defined Technology Area
 - Choral / Band / Orchestra
 - Robotics Lab / Active Classroom / Break-out Rooms
 - Guidance / Special Education Life Skills & Testing

Non-Instructional

District Wide	Safety+ Security	Instructional	Infrastructure	EPC	Health + Wellness
Renovate Select Bathrooms			●		●
Add Transgender Toilet Rooms	●		●		●
Renovate Nurse Suite at GWL			●		●
Replace Aging Interior Doors/Door Frames/Hardware	●		●		
Secure Entrance Vestibules and Security Office	●		●		●
Add Permanent Cooling Systems To All Classrooms			●	●	●
Corridor Wall Tile Replacement (at GL)			●		
HS Connecting Corridor	●	●			
Enlarge HS Stadium Bleachers			●		
Replace Press Box			●		
District Office Exterior Repairs and Drainage			●		
Expand and enhance video surveillance systems	●		●		
Upgrade card access systems	●		●		
Update existing intrusion detection systems	●		●		
Integrate all security systems districtwide	●		●		

Glen Head Elementary Scope of work



- Modernize Library/Media Center & relocated STEAM lab
- New secure entrance vestibule & security office
- Selective bathroom upgrades
- Transgender toilet room

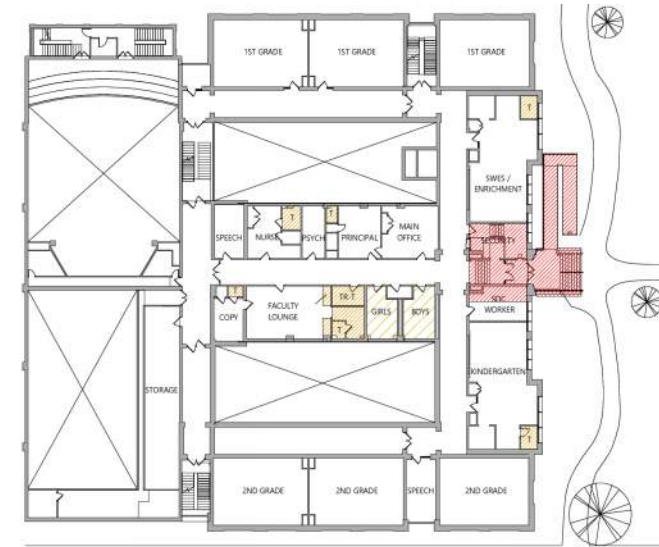
Glenwood Landing Elementary Scope of work



- New secure entrance vestibule, security office and accessible ramp



Sea Cliff Elementary Scope of work



Energy Performance Contract



- Interior & exterior lighting modernization
- Heating systems optimization
- Building envelope improvements
- HVAC controls optimization
- Plug load management
- Air conditioning
- Solar
- Potential for \$2.2M - \$5.3M project
- To be implemented concurrently w/ Capital project
- 3 proposals received (Ecosystem, Honeywell, Noresco)
- Currently evaluating for selection

Elementary School Library/Media Center & Maker Space

Today's Library/Media Center & Maker Space serve multiple purposes and ALL students:

- Support Individual and collaborative learning
- Encourage hands-on creativity + problem solving
- Inspire natural curiosity
- Flexible with ample technology + mobility



Today's Library/Media Center & Maker Space serve multiple purposes and ALL students:

- Age appropriate furnishings and furniture
- Abundant daylight
- Flexible for formal and informal study



Today's Library/Media Center & Maker Space serve multiple purposes and ALL students:

- Playful yet appropriate

Media Center Elements

1. Break-out Room
2. Group Reading Area
3. Reading Stacks
4. Informal Seating
5. Circulation Desk
6. Office/Work Room
7. STEAM Lab
8. Computer Stations



Today's Library/Media Center & Maker Space serve multiple purposes and ALL students:

- Playful yet appropriate
- Support active and rest time

Media Center Elements

1. Break-out Room
2. Group Reading Area
3. Reading Stacks
4. Informal Seating
5. Circulation Desk
6. Office/Work Room
7. STEAM Lab
8. Computer Stations



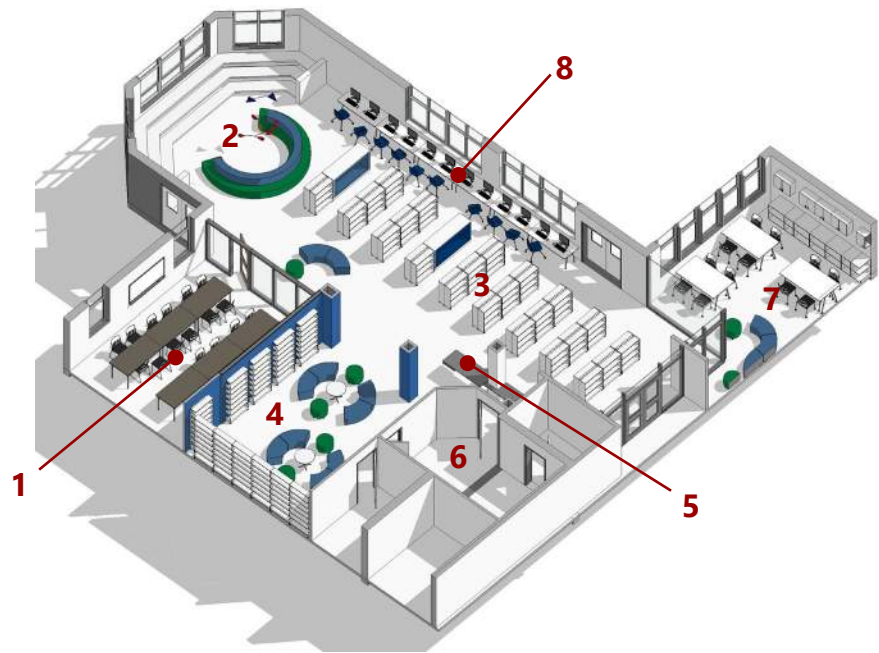
Today's Library/Media Center & Maker Space serve multiple purposes and ALL students:

- Playful yet appropriate
- Support active and rest time
- Flexible for individual and group gatherings

Media Center Elements

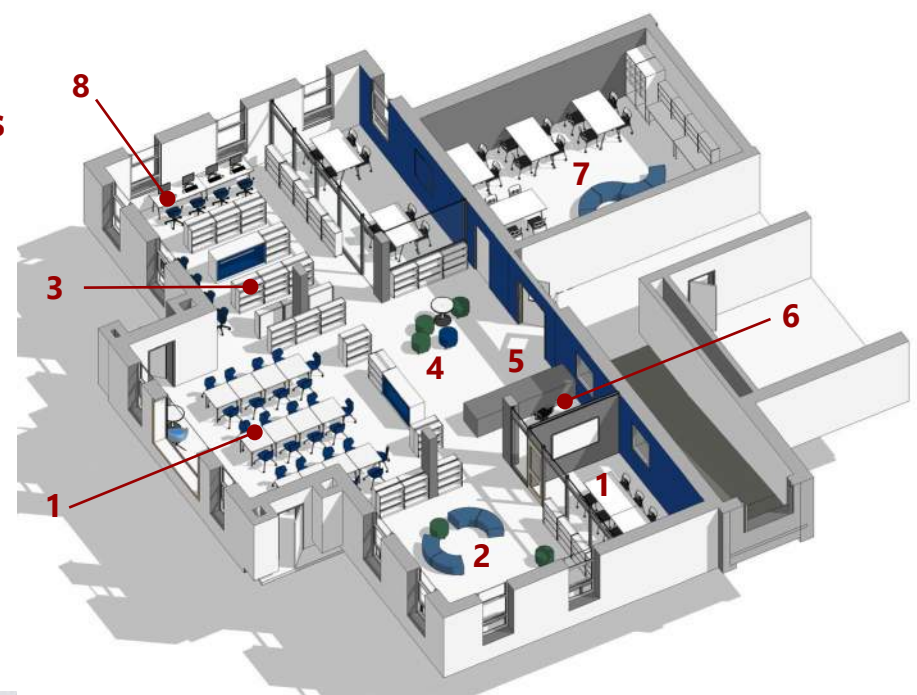
1. Break-out Room
2. Group Reading Area
3. Reading Stacks
4. Informal Seating
5. Circulation Desk
6. Office/Work Room
7. STEAM Lab
8. Computer Stations





Library/Media Center Elements

1. Break-out Room/Classroom
2. Group Reading Area
3. Reading Stacks
4. Informal Seating
5. Circulation Desk
6. Office/Work Room
7. STEAM Lab
8. Computer Stations



Glen Head Elementary



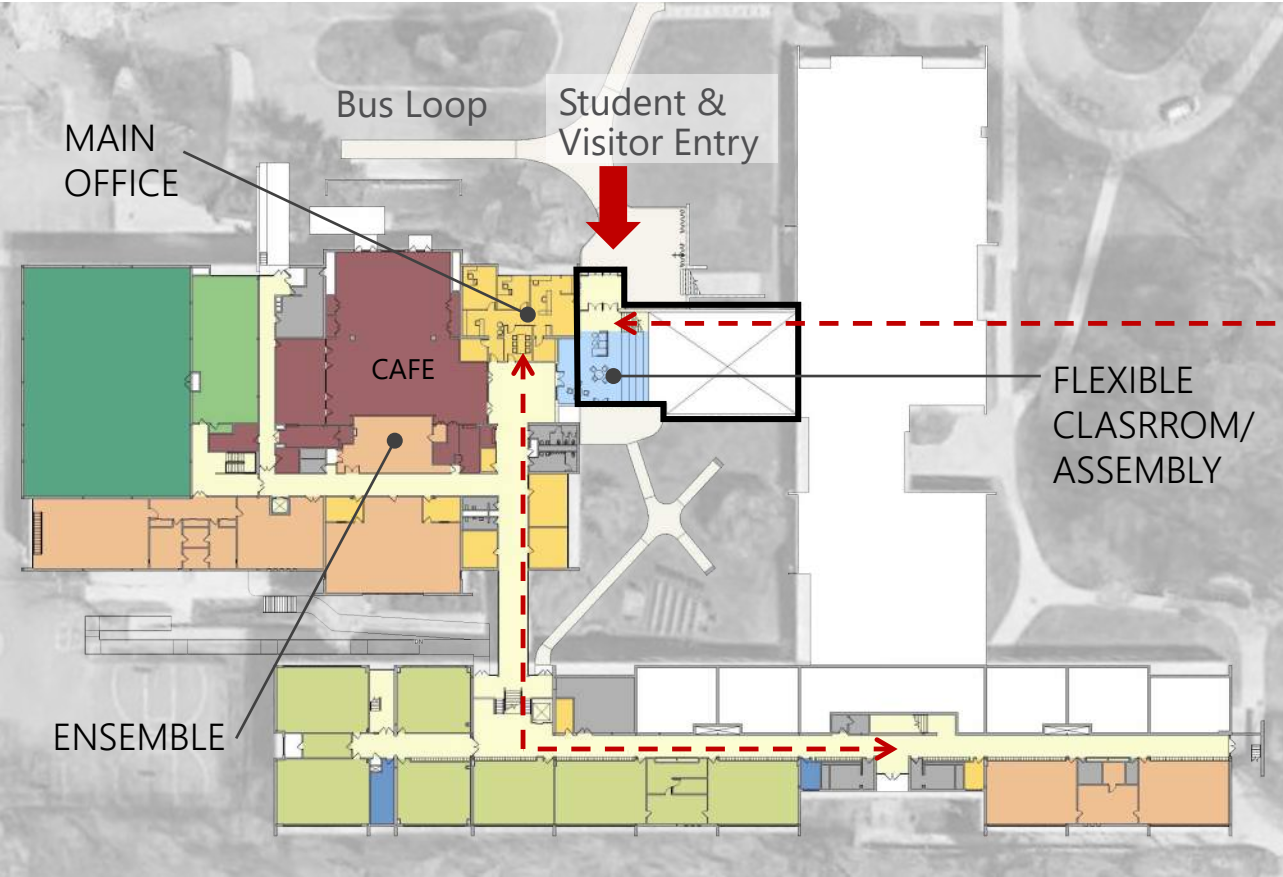
Glenwood Landing Elementary



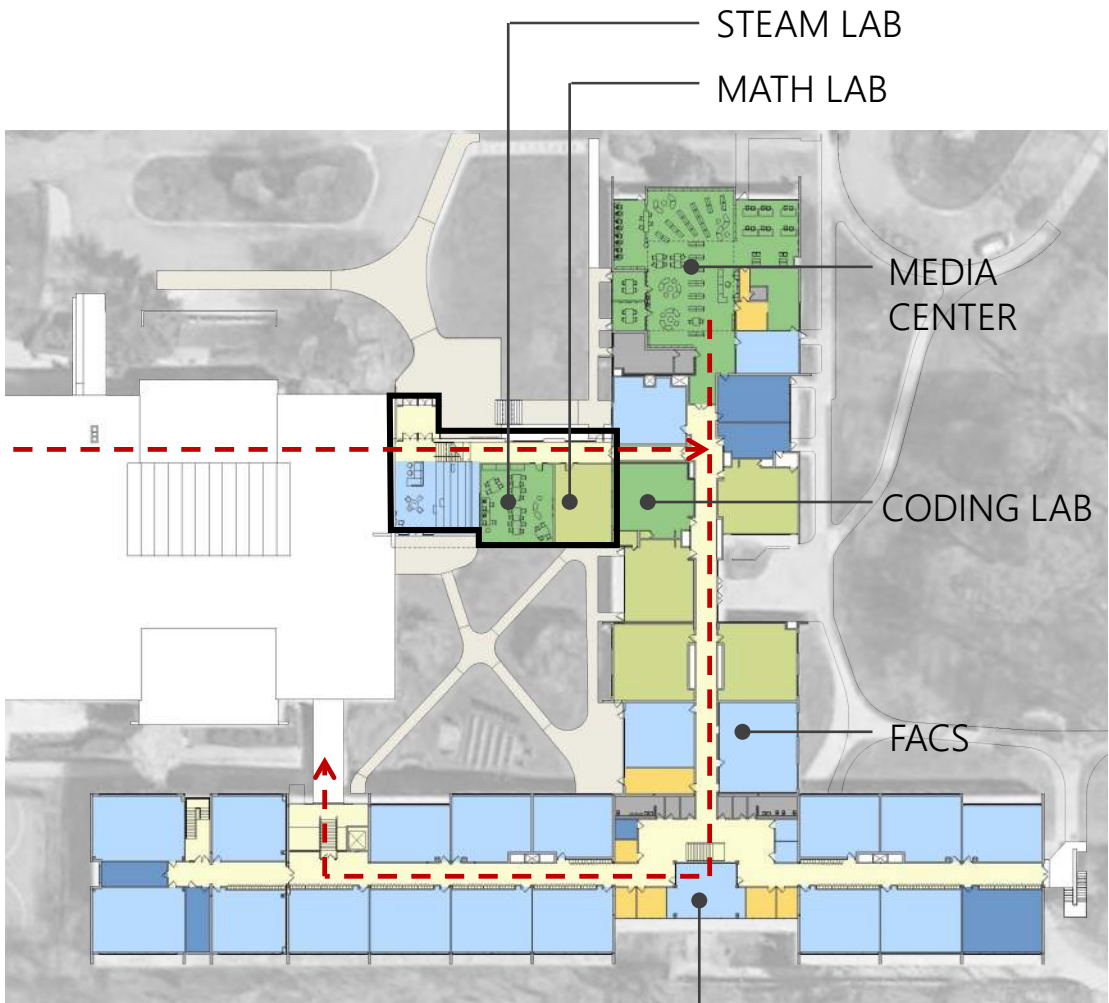
Sea Cliff Elementary Library/Media Center

Middle School Design Concepts

North Shore Middle School Proposed Floor Plans



Intermediate Level



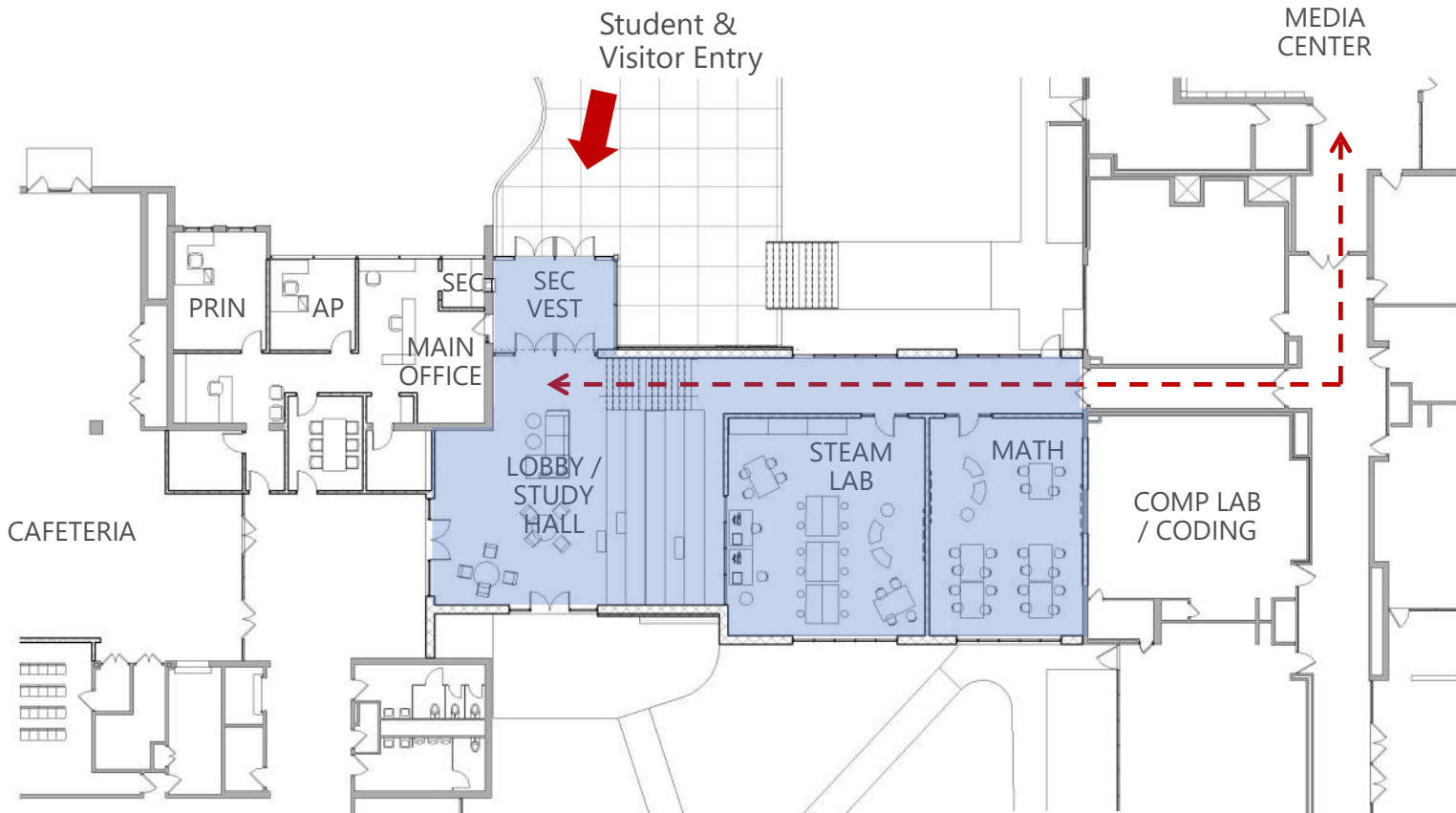
Upper Level

- ART/MUSIC
- HUMANITIES
- SCIENCE/MATH
- TECHNOLOGY
- SPECIAL EDUCATION
- CAFETERIA
- ADMINISTRATION
- NEW CONSTRUCTION

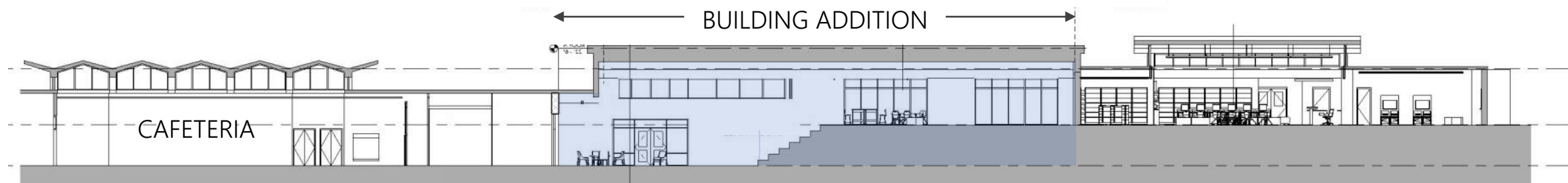
North Shore Middle School Secure Entrance + Assembly Space



Existing Student Entry



Partial Floor Plan



Building Section

North Shore Middle School



Main Entry Addition

North Shore Middle School



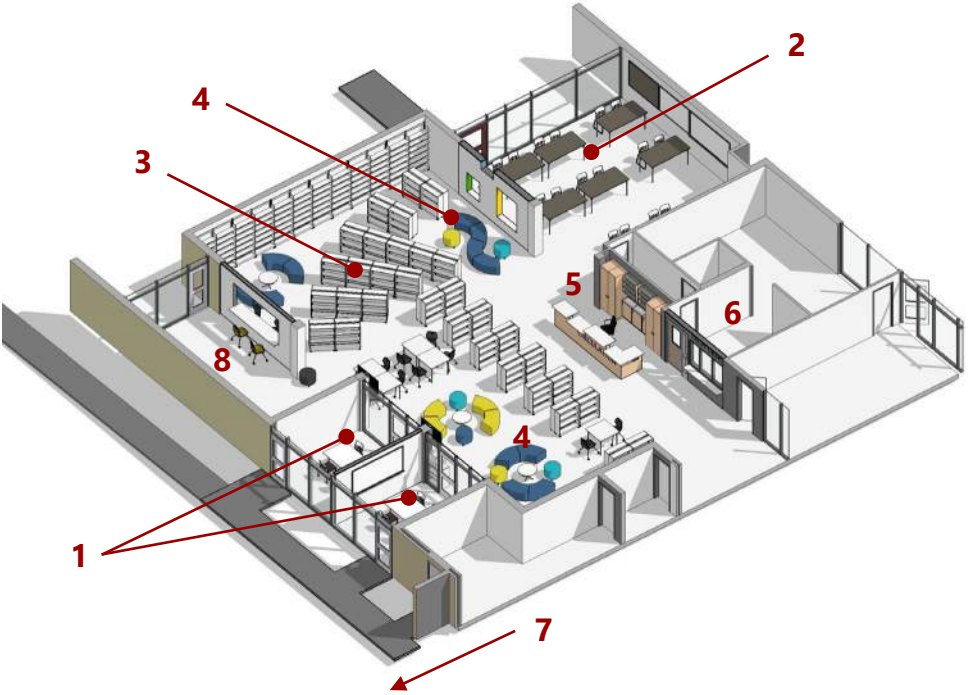
Secure Vestibule / Entry Lobby / Study Hall

Middle School Library/Media Center



Media Center Elements

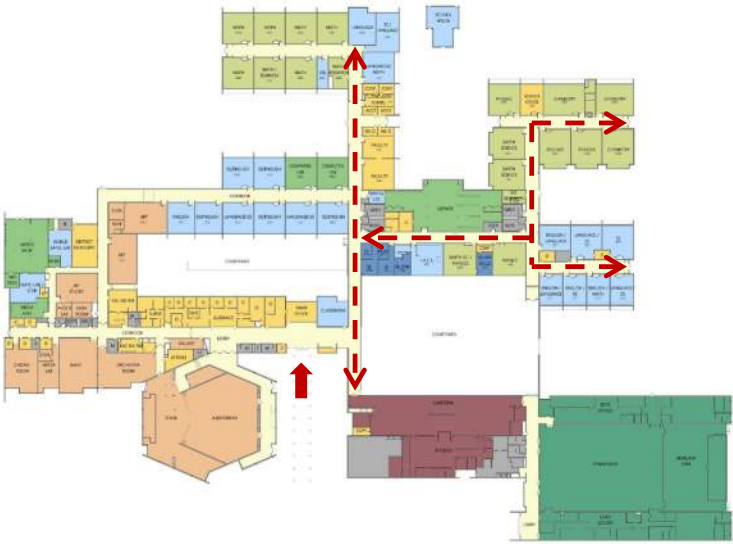
- 1. Break-out Room
- 2. Large Group Instruction
- 3. Reading Stacks
- 4. Informal Seating
- 5. Circulation Desk
- 6. Office/Work Room
- 7. STEAM Lab
- 8. Computer Stations



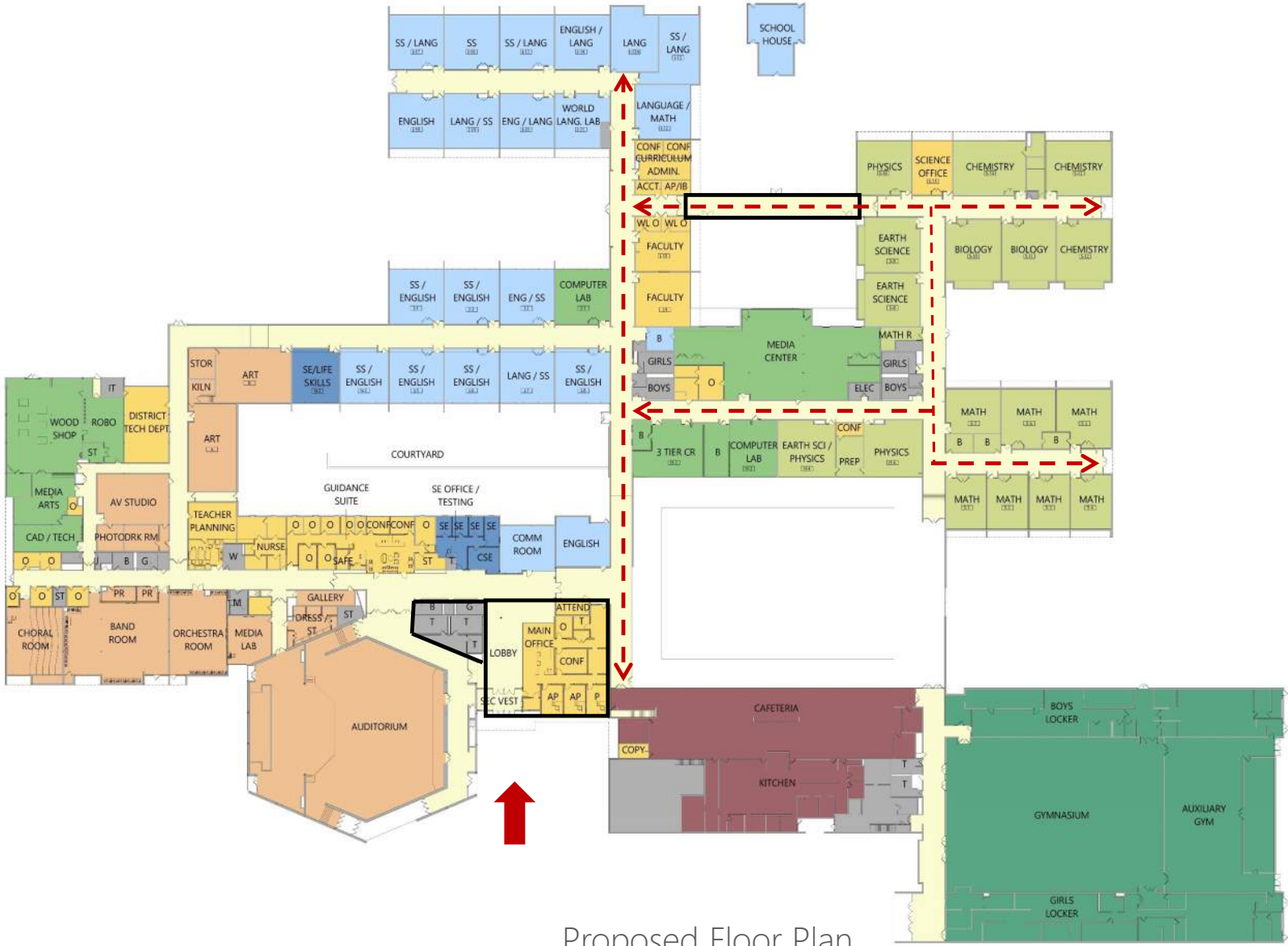
High School Design Concepts



North Shore High School

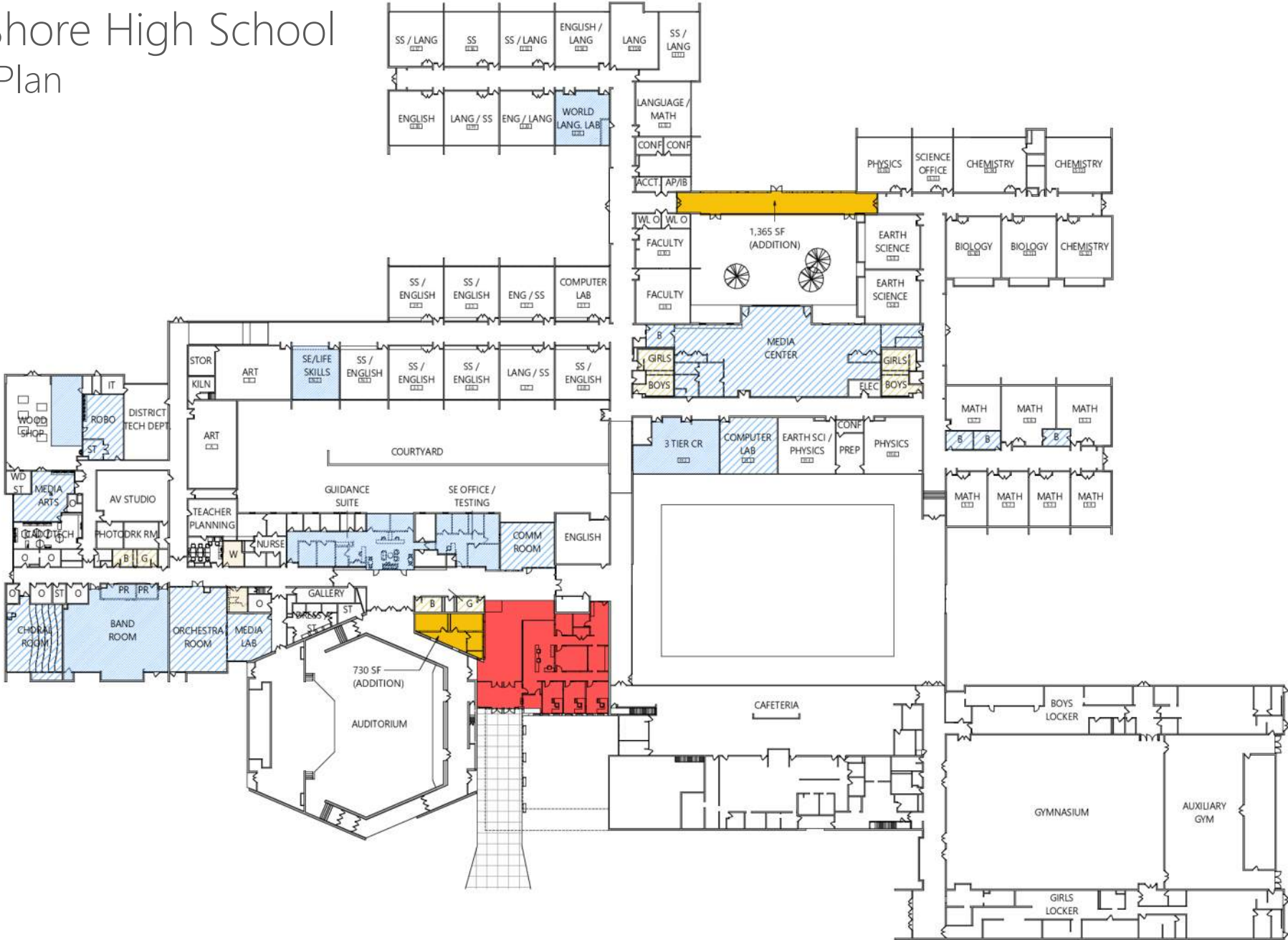


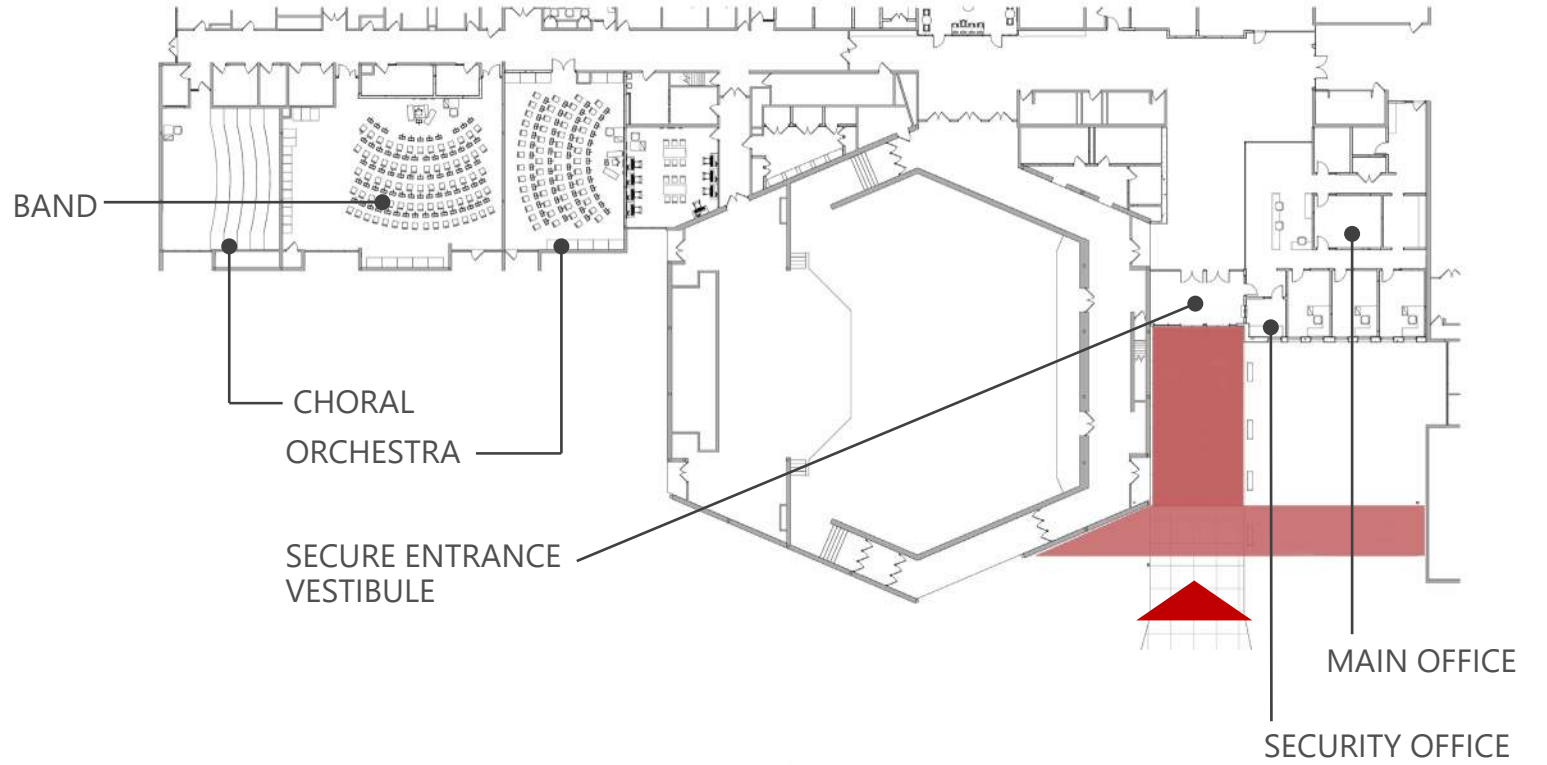
Existing Floor Plan



Proposed Floor Plan

North Shore High School Scoping Plan





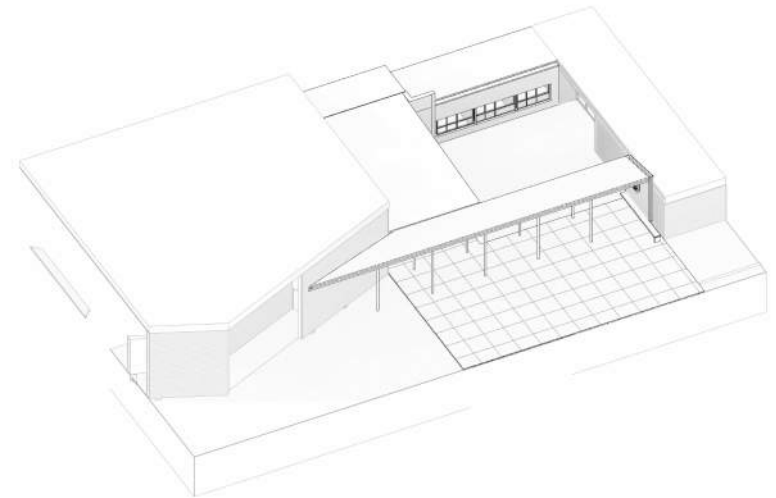
North Shore High School
Entrance & Music Wing



Existing Entrance



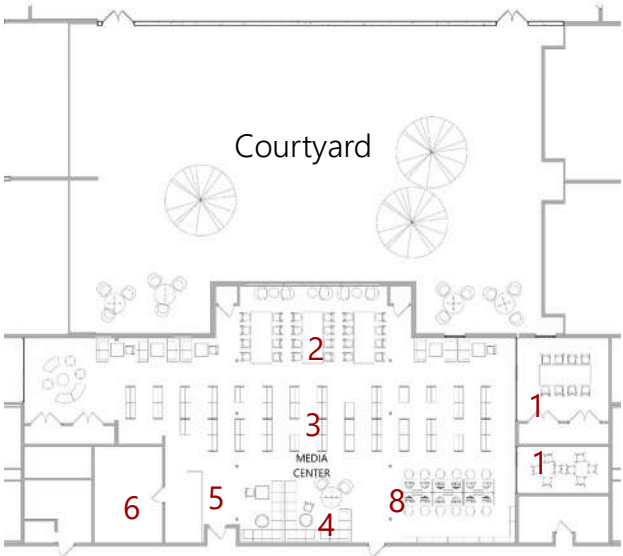
Proposed Entry Canopy





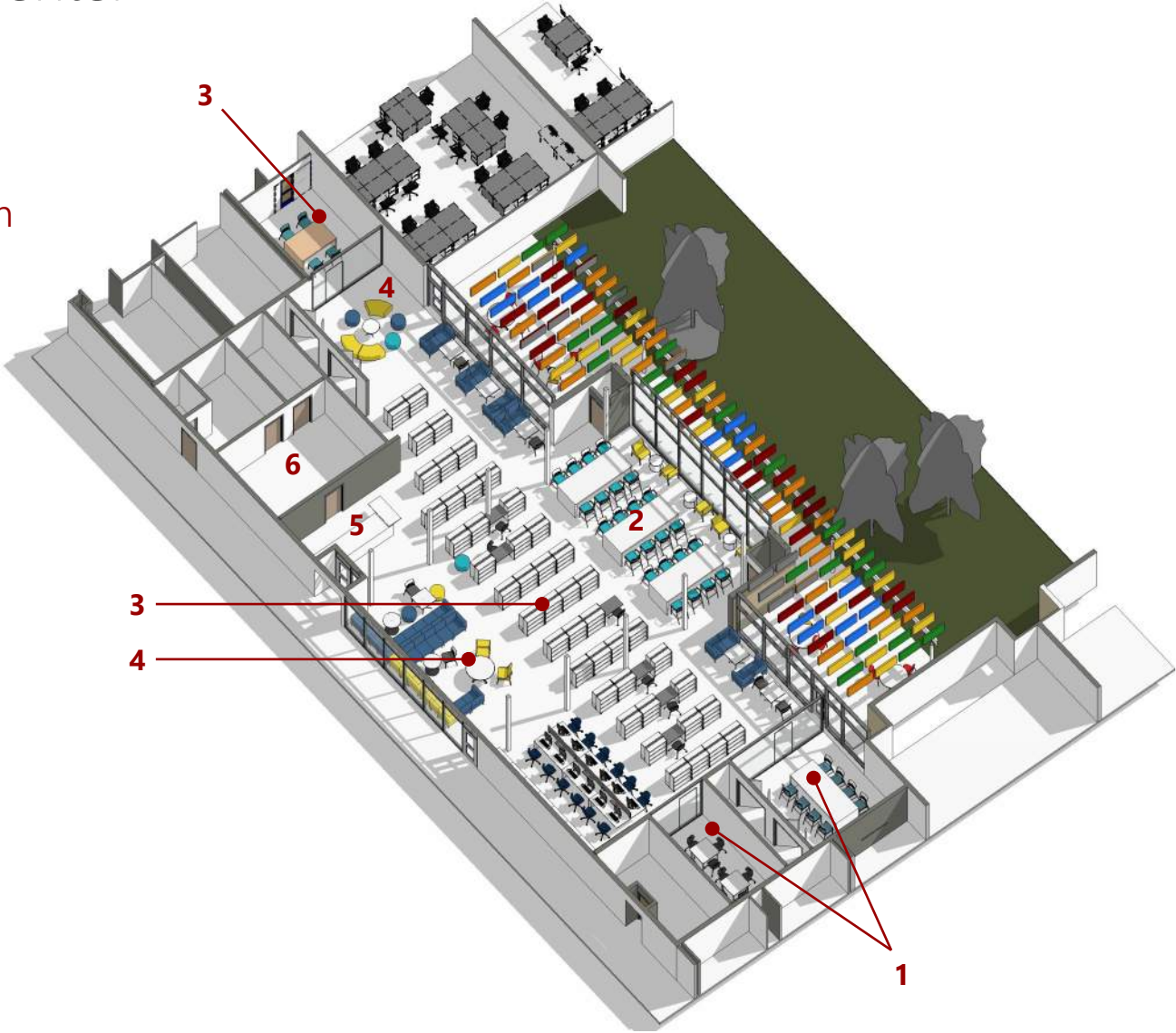
North Shore High School Main Entrance

North Shore High School Library/Media Center



Media Center Elements

- 1. Break-out Room
- 2. Large Group Instruction
- 3. Reading Stacks
- 4. Informal Seating
- 5. Circulation Desk
- 6. Office/Work Room
- 7. STEAM Lab
- 8. Computer Stations



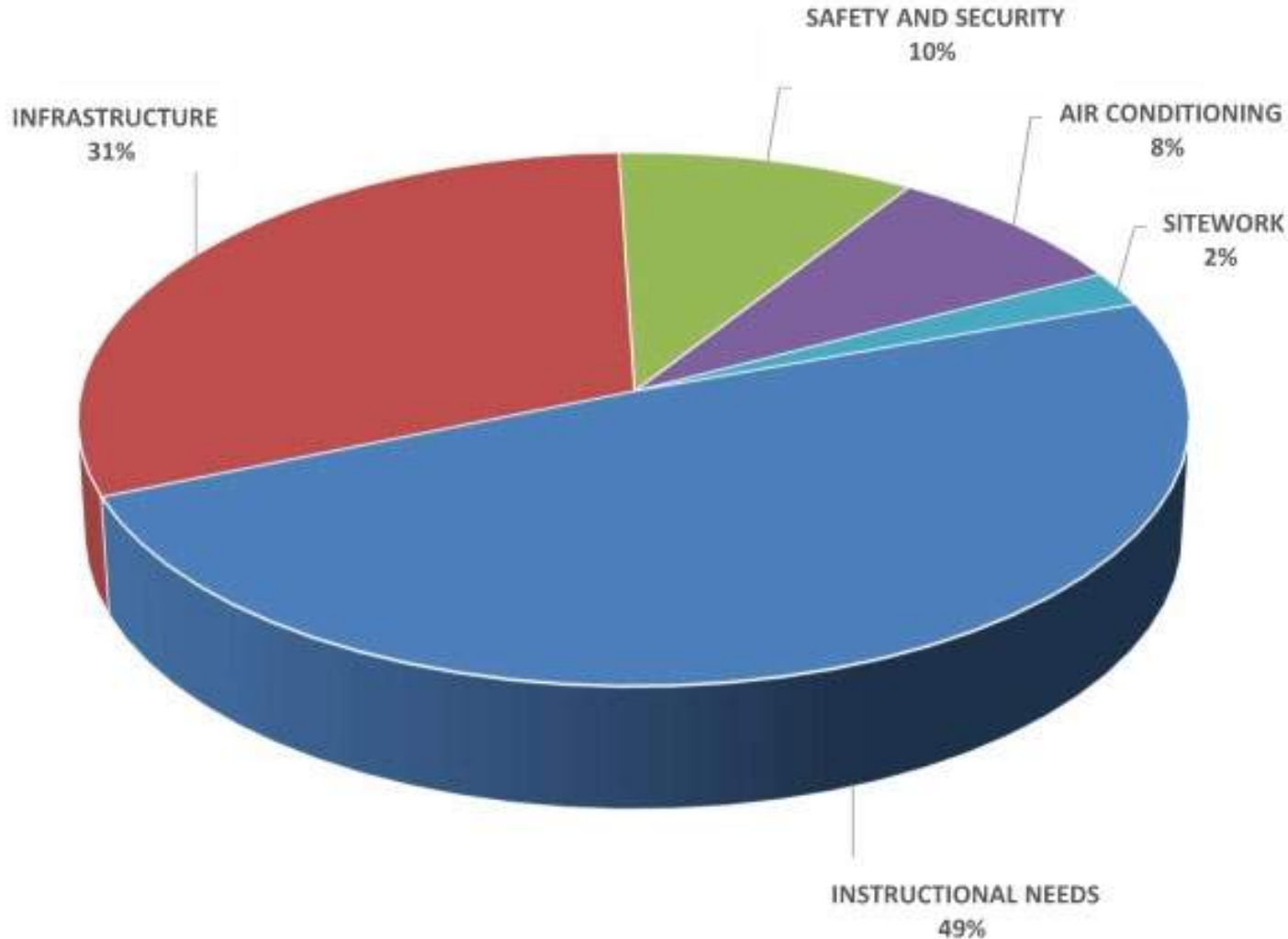


North Shore High School Media Center

Project Cost



Cost Breakdown



Total Project Cost:
\$39,772,029

SUMMARY BY BUILDING		
1	GLEN HEAD ELEMENTARY SCHOOL	10%
2	GLENWOOD LANDING ELEMENTARY SCHOOL	14%
3	SEA CLIFF ELEMENTARY SCHOOL	13%
4	NORTH SHORE MIDDLE SCHOOL (STUDY #1A)	27%
5	NORTH SHORE HIGH SCHOOL	35%
6	VICTORIAN HOUSE	0%
7	ADMINISTRATION BUILDING	1%
8	TRANSPORTATION BUILDING	0%
TOTAL PROJECT COSTS		100%

Timeline



Timeline



- | | |
|-----------------------------------------------|--------------------------|
| 1. Bond Advisory Committee Meeting | May 28, 2019 |
| 2. Community Meeting 2 | June 18, 2019 |
| 3. Bond Advisory Committee Meeting | June 25, 2019 |
| 4. EPC – ESCO selection/energy audit | July – August 2019 |
| 5. SEQRA Resolution | June – August 2019 |
| 6. Final Cost Estimating, Design Finalization | June – August 2019 |
| 7. Resolution | September 2019 |
| 8. Public Information Period | September – October 2019 |
| 9. Public Referendum | December 2019 |

Discussion
