

# Planning for Tomorrow & Building Today

March 22, 2023

Schematic Design  
Meeting SD#3  
and Signoff



NRHEG  
Public Schools


site**logic**

# TODAY...

---



- Project Scopes (Summary of MEP + Civil Scopes)
- Additional / Removed Scopes
- Architectural Scopes
- Interior Finishes and Patterns
- Design Schedule
- Signoff
- Questions

The background is a dark teal color with a complex, abstract pattern of overlapping wireframe structures. These structures resemble architectural blueprints or 3D models of buildings, with lines and planes creating a sense of depth and perspective. The overall effect is technical and modern.

# Project Scopes



# PROJECT SCOPES OVERVIEW – HIGH SCHOOL

FIM Code	Short Description	
EXT.3	Exterior Door Replacement	Ph.1
EXT.4	Garage Door Replacement	Ph.1
G.1b	Reclaim and Partial Repave Existing Parking Lots	Ph.2
G.2	Concrete Sidewalk Improvements	Ph.2
G.3	ADA/Marked Street Crossing	Ph.2
HAZ.2	Asbestos Abatement - Vinyl Asbestos Tiles	Ph.2
INT.1	Rolled Carpet Replacement - New Carpet Tiles	Ph.2
INT.2	Vinyl Tile Replacement	Ph.2
INT.6	Interior Door Replacement	Ph.1
LS.1	Fire Alarm System Upgrade	Ph.2
M.1	Replace 1994 and older VAV Boxes	Ph.2
C.1c	EMS/DDC Improvements - Recommissioning Study, Upgrade Allowance and VAV Box Controls	Ph.2

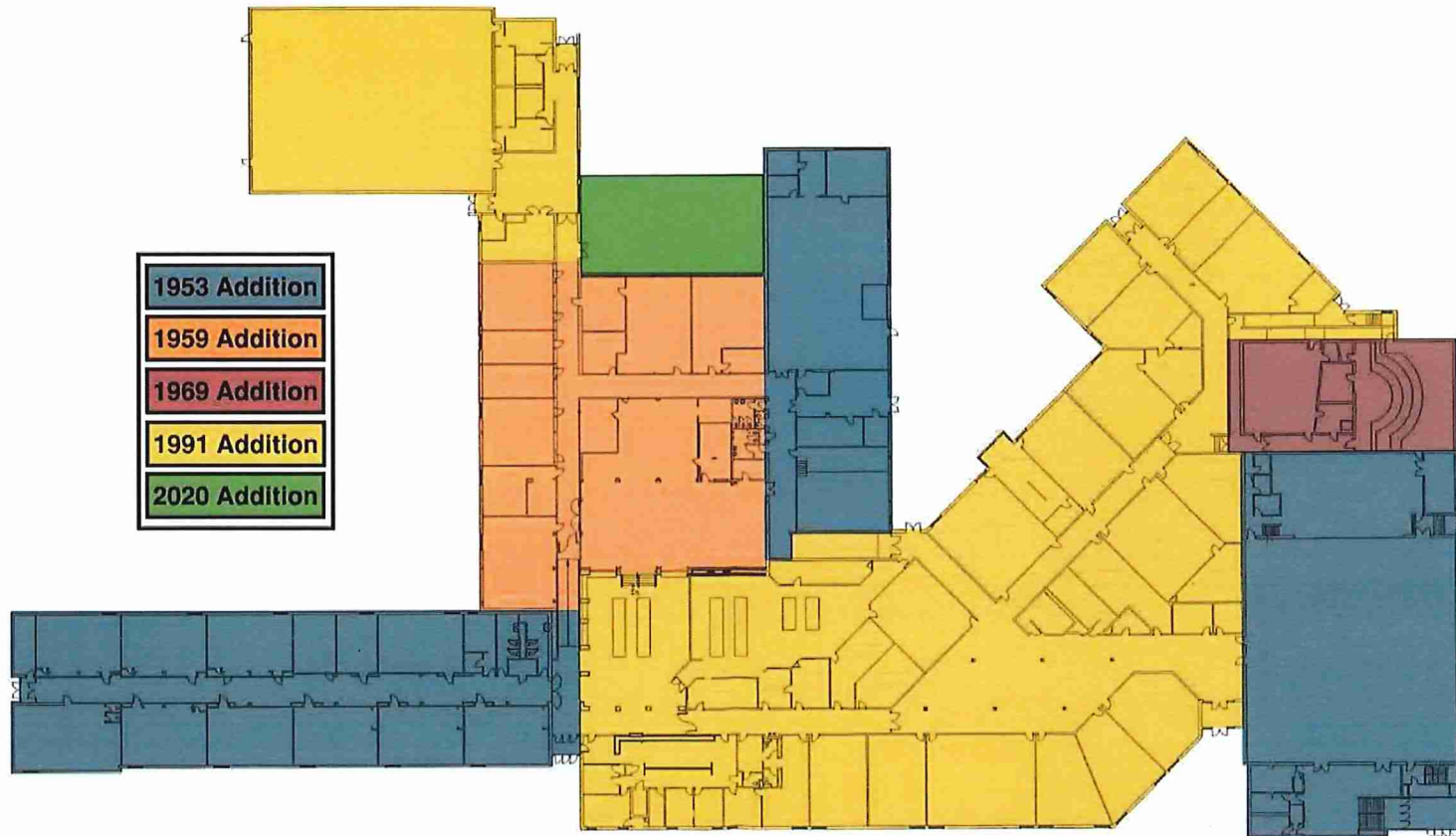


# PROJECT SCOPES OVERVIEW – ELEM. SCHOOL

FIM Code	Short Description	
A.2	Provide Automatic Door Openers	Ph.1
EXT.3	Exterior Door Replacement	Ph.1
EXT.4	Garage Door Replacement	Ph.1
G.2-4	Sidewalk Replacement and Widening - South Parking Lot	Ph.2
G.5b	Site Drainage - PVC Pipe Drain	Ph.2
G.6	Drop Off/Pick Up Improvements	Ph.2
INT.1-1	Rolled Carpet Replacement - New Carpet Tiles	Ph.2
INT.2	Vinyl Tile Replacement	Ph.2
INT.9	Restroom Remodel	Ph.2
LS.1	Fire Alarm System Upgrade	Ph.2
M.1	Replace 1994 and older VAV Boxes	Ph.2
M.2	Fan Coil Unit Replacement	Ph.2
M.3b	AHU-3 Replacement	Ph.2
C.1c	EMS/DDC Improvements - Recommissioning Study, Upgrade Allowance and VAV/FCU/AHU-3 Controls	Ph.2

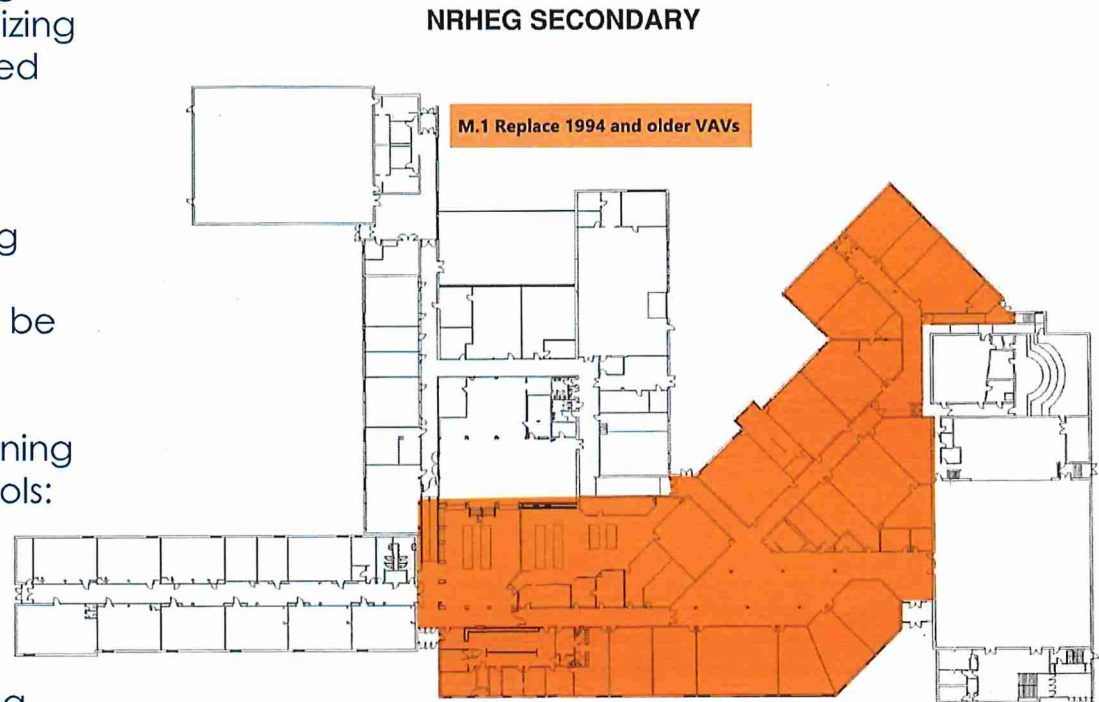
# BUILDING AGE

## NRHEG SECONDARY



# MEP SCOPE ITEMS AT SECONDARY SCHOOL

- **LS.1 Fire Alarm System Upgrade:**  
This opportunity includes replacing the existing fire alarm system with a new fully addressable utilizing the most recent parts and software for reduced maintenance and increased reliability.
- **M.1 Replace 1994 and older VAV Boxes:**  
This opportunity includes replacing the existing 1994 VAV boxes with a new VAV boxes for improved reliability. The improvement should be done in conjunction with C.1c.
- **C.1c – EMS/DDC Improvements - Recommissioning Study, Upgrade Allowance and VAV Box Controls:**  
This facility improvement measure includes performing a recommissioning study on the Andover DDC energy management system serving the building. This facility improvement measure includes an allowance for addressing identified updates from the study on the Andover DDC energy management system serving the building. This would include new controls for building VAV boxes.





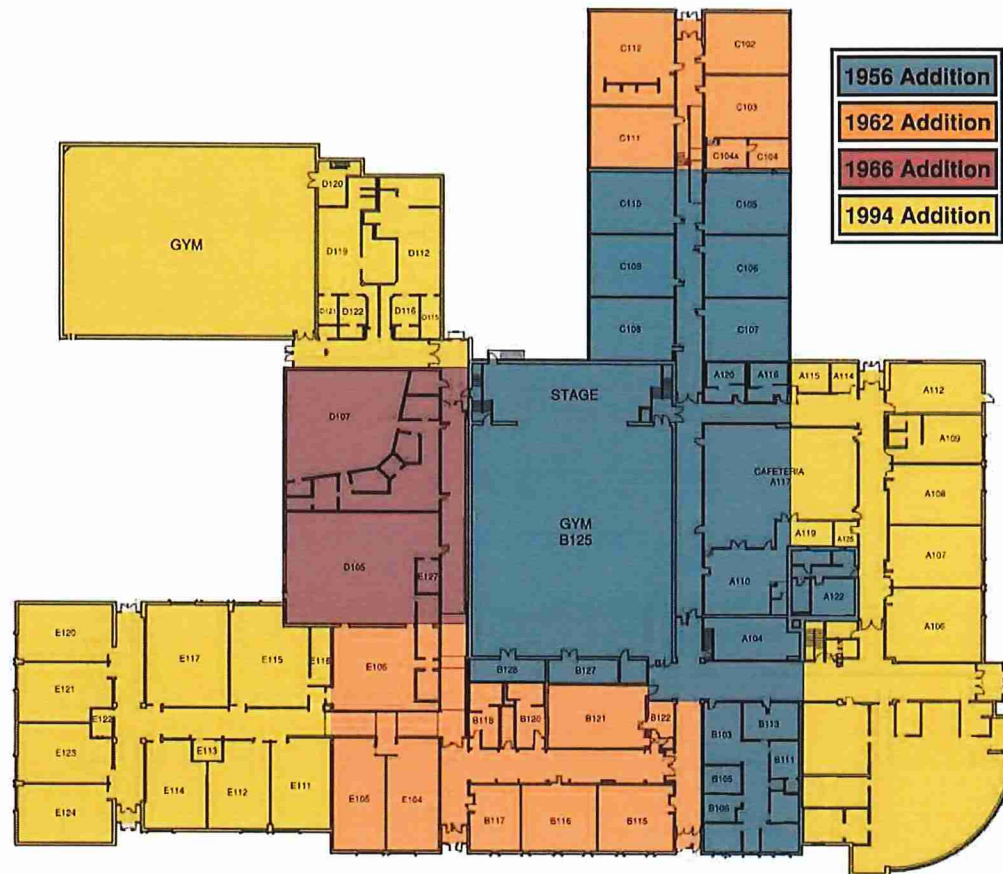
# CIVIL SCOPE ITEMS AT SECONDARY SCHOOL

- G.1B Reclaim and Partial Repave Existing Parking Lots:  
This opportunity includes reclaiming and repaving the existing asphalt. This solution will have a longer life cycle.
- G.2 Concrete Sidewalk Improvements :  
This opportunity includes replacing the damaged concrete to improve the appearance of the facility and avoid potential trip hazards that cracked/crumbling concrete create.
- G.3 ADA/Marked Street Crossing:  
This opportunity includes providing signage and road striping for safer pedestrian crossing.



# BUILDING AGE

## NRHEG ELEMENTARY

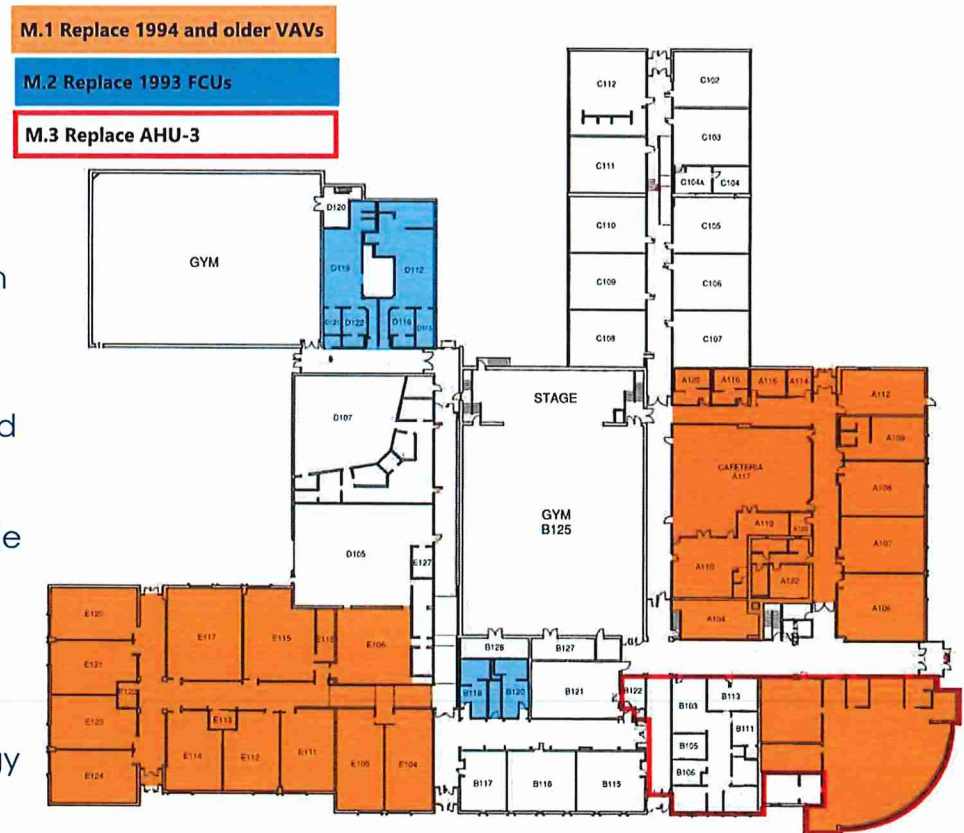




# MEP SCOPE ITEMS AT ELEMENTARY SCHOOL

- LS.1 Fire Alarm System Upgrade :  
This opportunity includes replacing the existing fire alarm system with a new fully addressable utilizing the most recent parts and software for reduced maintenance and increased reliability.
- M.1 Replace 1994 and older VAVs:  
This opportunity includes replacing the existing 1994 VAV boxes with a new VAV boxes for improved reliability. This improvement should be done in conjunction with C.1c.
- M.2 Fan Coil Unit Replacement:  
This opportunity includes replacing the existing fan coil units with a new fan coil units. This improvement should be done in conjunction with C.1c
- M.3b AHU-3 Replacement:  
This opportunity includes replacing the existing air handling units utilizing hot water heating coils and dehumidification sized for current ventilation codes. The ductwork distribution would remain as is.
- C.1c EMS/DDC Improvements -Recommissioning Study, Upgrade Allowance and VAV/FCU/AHU-3 Controls:  
This facility improvement measure includes performing a recommissioning study on the Andover DDC energy management system serving the building. This facility improvement measure includes an allowance for addressing identified updates from the study on the Andover DDC energy management system serving the building. this would include new controls for building VAV boxes, fan coil units and AHU-3.

## NRHEG ELEMENTARY





# CIVIL SCOPE ITEMS AT ELEMENTARY SCHOOL

- G.2-4 Sidewalk Replacement and Widening - South Parking Lot:  
This opportunity includes replacing the damaged concrete to improve the appearance of the facility and avoid potential trip hazards that cracked/crumbling concrete create.
- G.5b Site Drainage - PVC Pipe Drain:  
This opportunity would include installing an underground PVC piping system on the building site to address the source of the water drainage issues.
- G.6 Drop Off/Pick Improvements:  
This opportunity include reconfiguring and expanding the south parking lot to improve drop off/pick up traffic flow.





# Additional / Removed Scope items



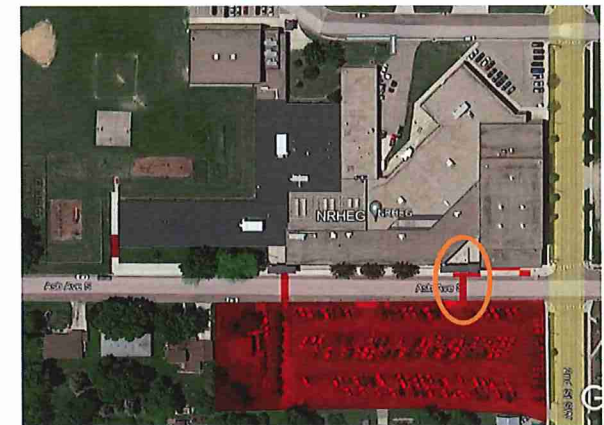
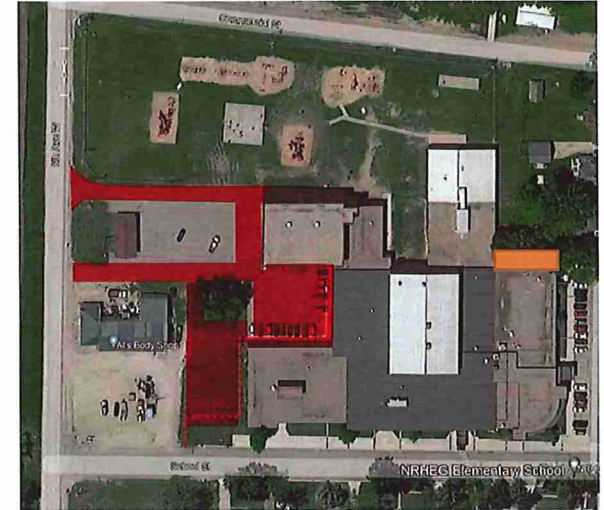
# ADDITIONAL SCOPE ITEMS

## Secondary

- Additional Marking crossing.
- Add electrical rough-in at 1 exterior doors for future card reader.
- Add (1) Exterior Door for replacement.

## Elementary School

- Drainage at West Entrance. Civil engineers will include this issue.
- 7 classrooms – Assumed Asbestos Abatement.
- Add ADA door Actuator.
- Add electrical rough-in at 3 exterior doors for future card readers.





## REMOVED SCOPE ITEMS

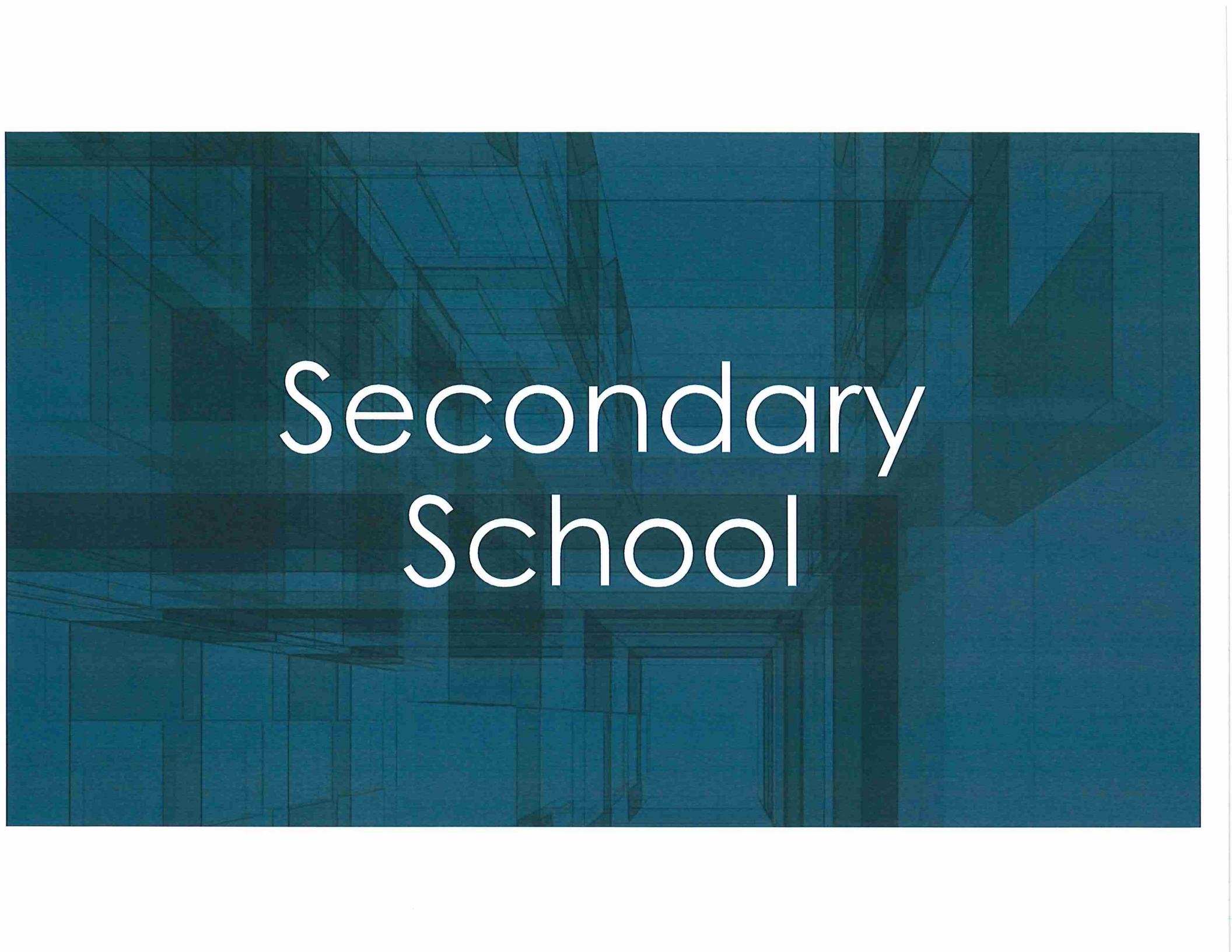
---

### Secondary school

- Storefronts Replacement (2).
- Carpet Replacement at (8) classroom floors, (2) offices and lockers area.
- Abatement at (7) classroom floors.

### Elementary school

- Carpet Replacement at (13) classroom floors.
- VCT Replacement at (1) classroom floor.

The background is a dark teal or blue color with a subtle, repeating grid pattern. In the center, there is a faint, white-outlined rectangular frame that appears to be a window or a doorway, looking out onto a bright, overexposed area. The overall aesthetic is modern and architectural.

# Secondary School

## EXT. 3 AND EXT.4 EXTERIOR AND GARAGE DOOR REPLACEMENT

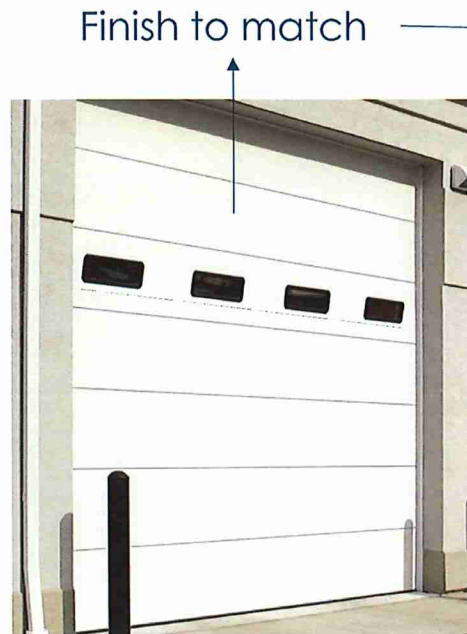
---

- This opportunity includes replacing the older, original, inefficient door systems with new energy efficient door systems.
- This opportunity includes replacing the older, original, inefficient garage door systems with new energy efficient door systems.
- All double doors at storefronts will have fixed mullion.
- Existing curbs will be removed at existing storefronts.
- New storefronts and doors will match new replaced storefronts and doors in finish and in amount of glazing. With 10" bottom mullion and door rails.
- Garage doors will match new storefronts in finish and will have a 7ft high windows (1 row)
- Hollow metal service doors, will match existing doors in amount of glazing and will be painted to match dark bronze storefronts (door and frame).



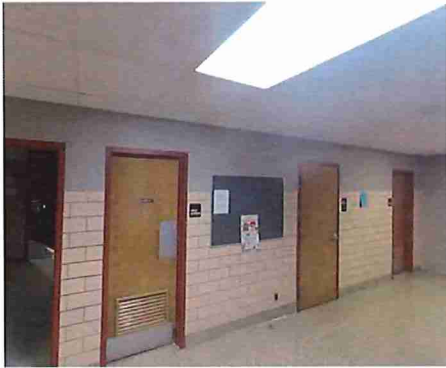


# EXT. 3 AND EXT.4 EXTERIOR AND GARAGE DOOR REPLACEMENT



## INT.6 INTERIOR DOOR REPLACEMENT

- This opportunity includes replacing the deteriorated interior doors with new doors and hardware.
- Existing frame to remain and to be painted by school.
- Match existing wood door stain and wood grain, and matching amount of glazing.
- Match existing Door type.





## HAZ.2 ASBESTOS ABATEMENT - VINYL ASBESTOS TILES

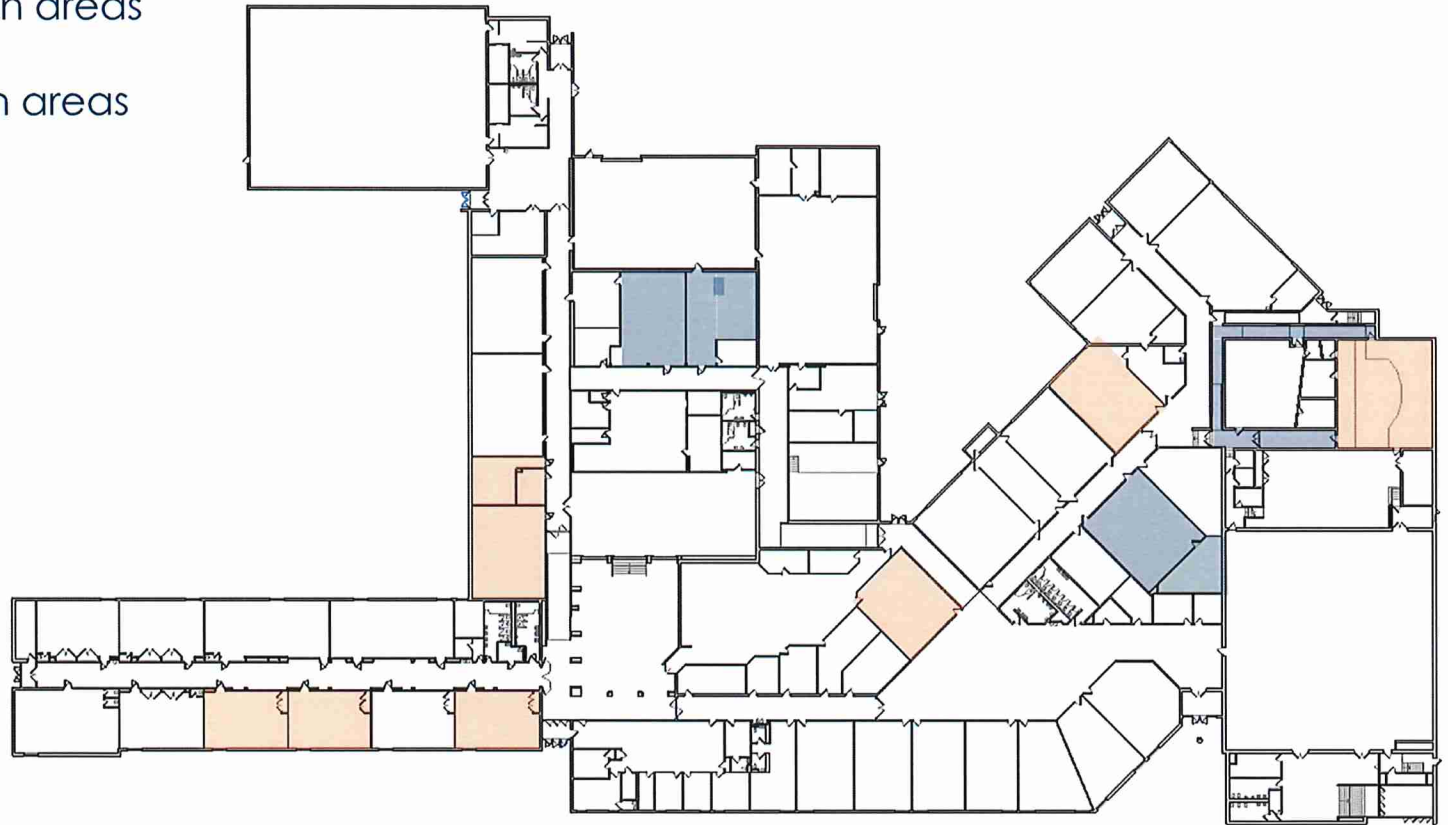
- This FIM includes the abatement of asbestos containing tile in areas of the building, where flooring is deteriorated.

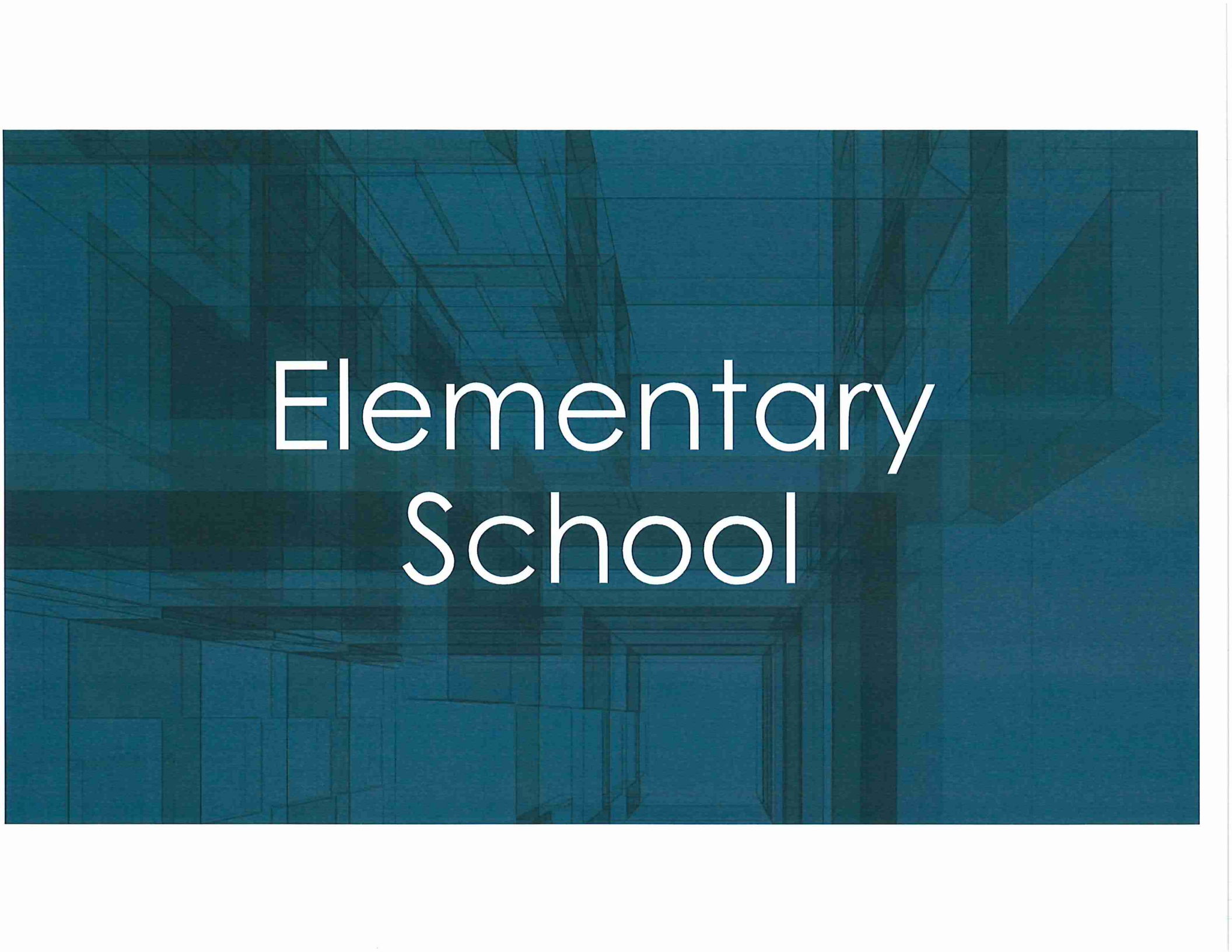


# INT.1 ROLLED CARPET REPLACEMENT - NEW CARPET TILES

## INT.2 VINYL TILE REPLACEMENT

- Replace Carpet with Carpet Tiles in areas highlighted in orange.
- Replace VCT with VCT in areas highlighted in blue.
- Replace VCT with LVT in areas highlighted in Gray.



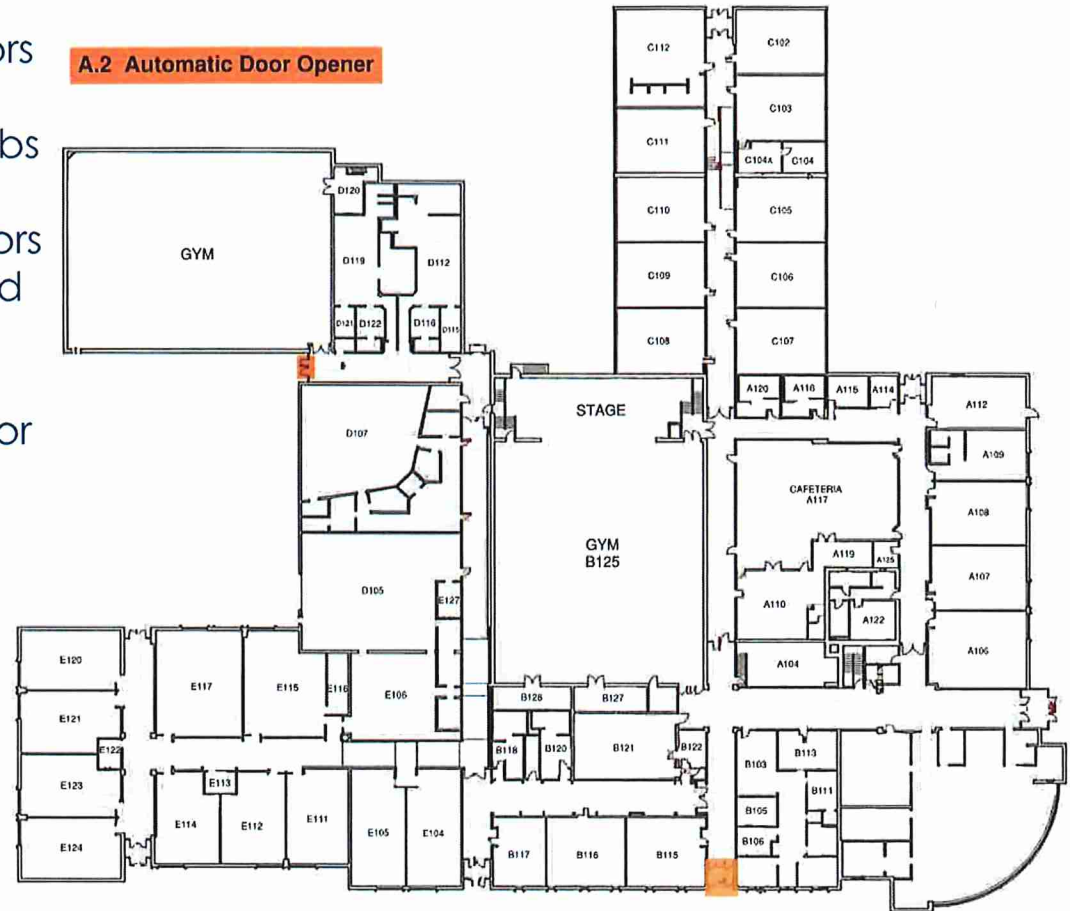


# Elementary School



## A.2 PROVIDE AUTOMATIC DOOR OPENERS

- This opportunity includes providing an automatic door opener for the exterior doors serving the main parking lot.
- Additional ramp is needed, the existing curbs are not ADA accessible.
- At Gym Door: 2 wall mounted door actuators will be added. One on the exterior wall, and one on the interior wall.
- At main entrance: 3 wall mounted door actuators will be added. One on the exterior wall, one in the vestibule and one on the interior wall.

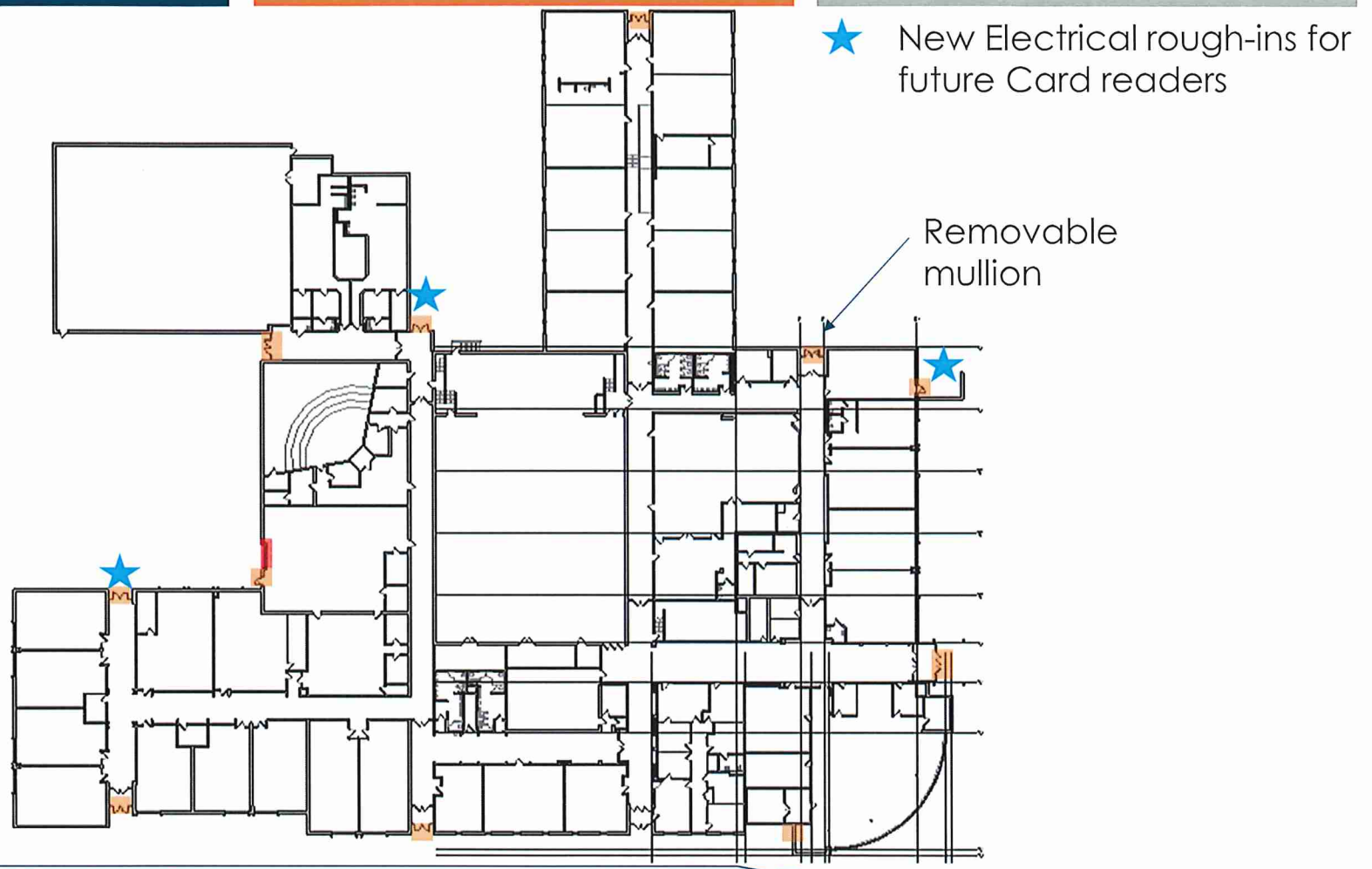


## EXT.3 AND EXT.4 EXTERIOR AND GARAGE DOOR REPLACEMENT

---

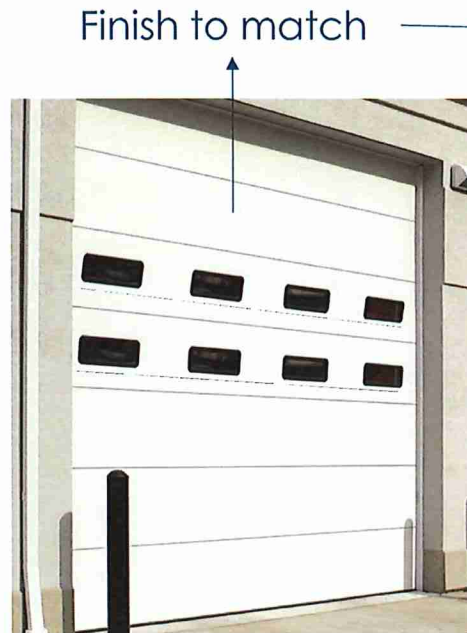
- This opportunity includes replacing the older, original, inefficient door systems with new energy efficient door systems.
- This opportunity includes replacing the older, original, inefficient garage door systems with new energy efficient door systems.
- All double doors at storefronts will have fixed mullion, except at door B136 A & B136B removable mullion.
- Existing curbs will be removed at existing storefronts.
- New storefronts and doors will match new replaced storefronts and doors in finish and in amount of glazing. With 10" bottom mullion and door rails.
- Garage doors will match new storefronts in finish and will have a 7ft high windows (2 rows).
- Hollow metal service doors, will match existing doors in amount of glazing and will be painted to match dark bronze storefronts (door and frame).

# EXT.3 AND EXT.4 EXTERIOR AND GARAGE DOOR REPLACEMENT





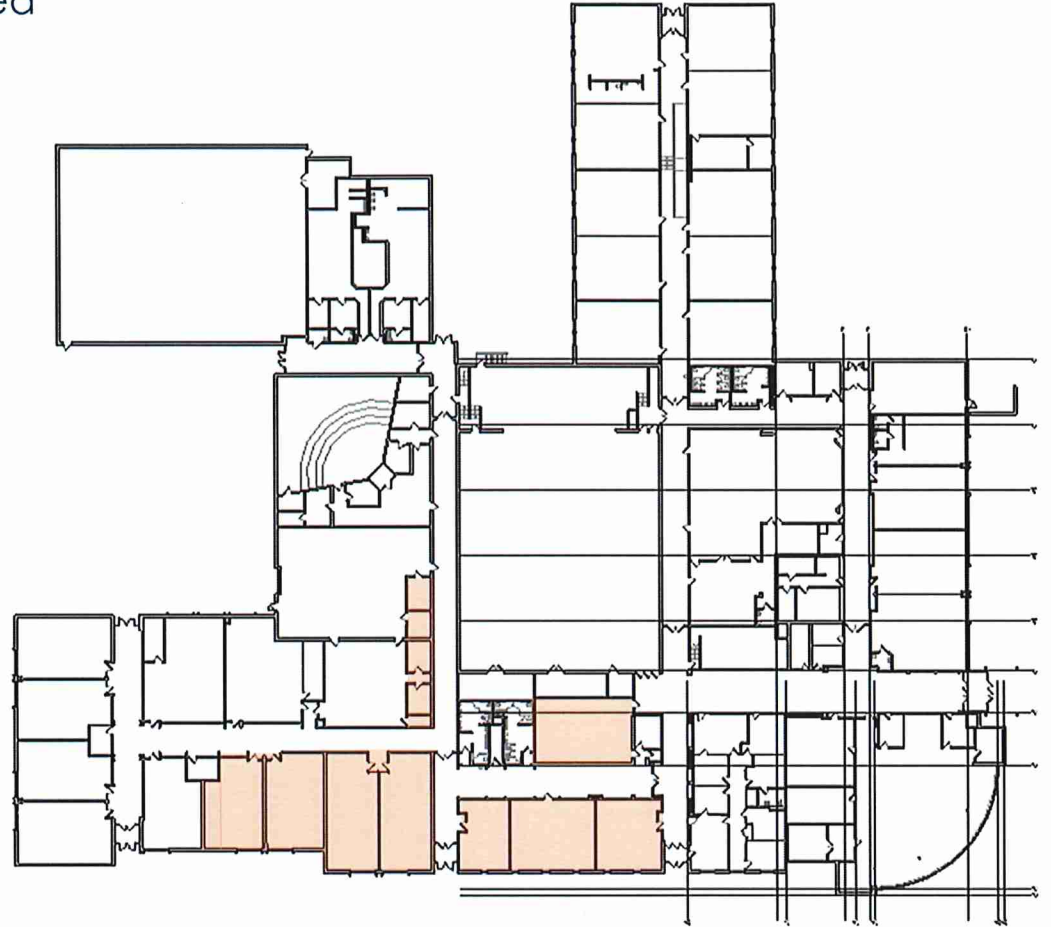
# EXT. 3 AND EXT.4 EXTERIOR AND GARAGE DOOR REPLACEMENT



# INT.1-1 ROLLED CARPET REPLACEMENT - NEW CARPET TILES

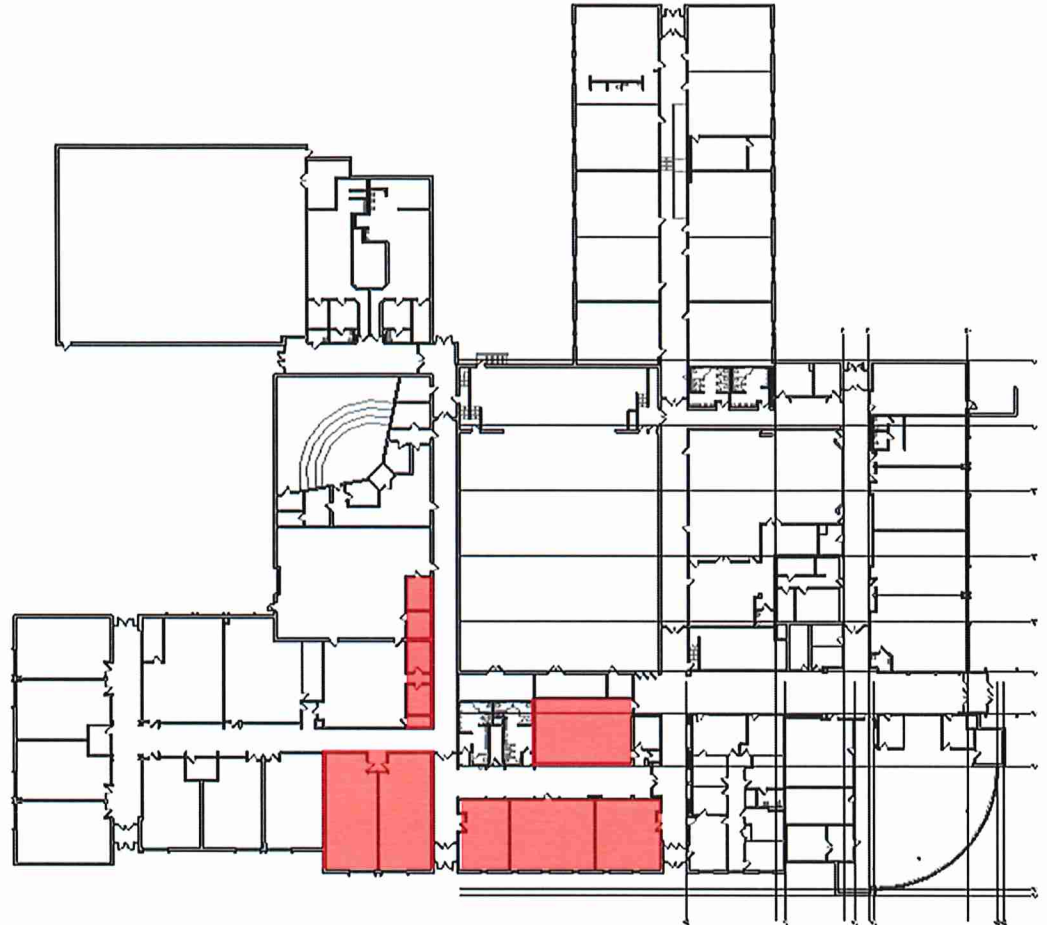
## INT.2 VINYL TILE REPLACEMENT

- Replace carpet with carpet tiles in highlighted areas with orange.



# ASSUMED ASBESTOS (NIC)

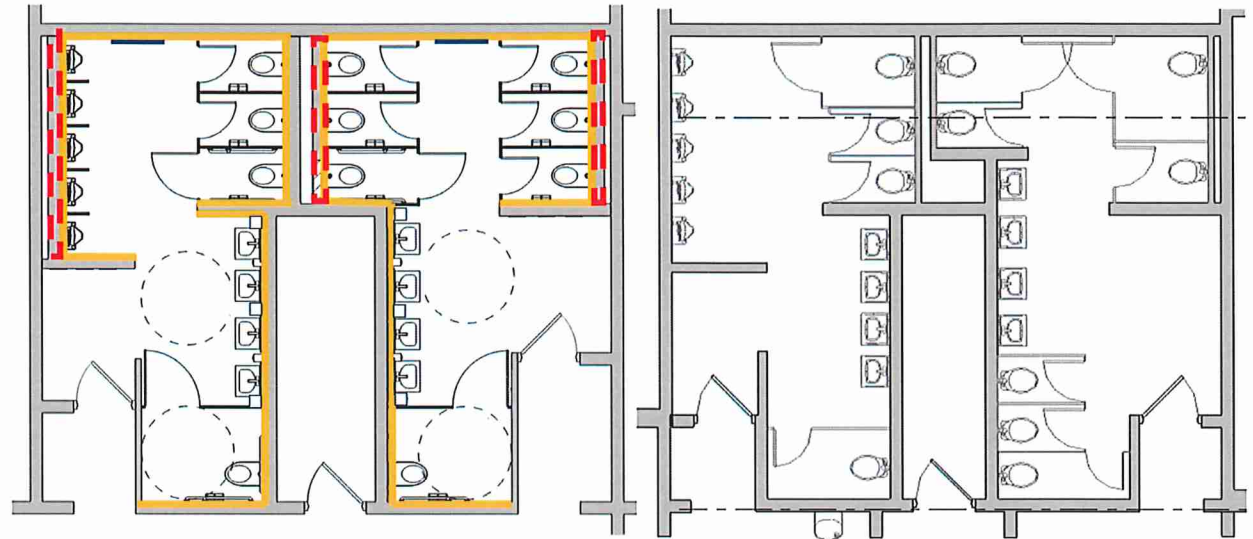
- Abatement work to be determined by Owner's environmental company.





## INT.9 RESTROOM REMODEL

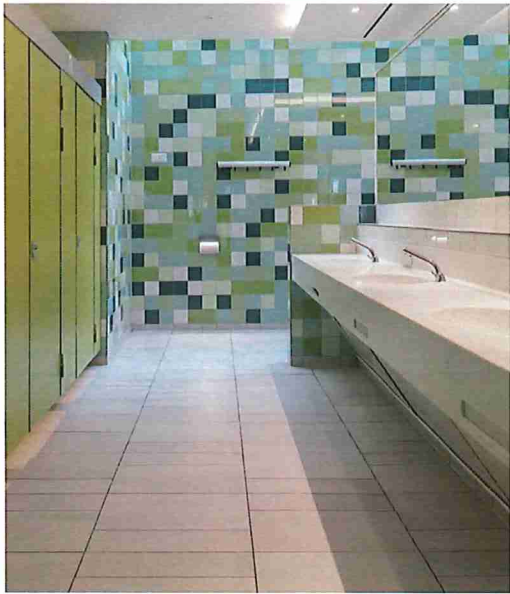
- This opportunity includes a full remodel of the Area B (118 and 120) restrooms including fixtures, tiling at wet walls, partitions, and finishes.



Proposed

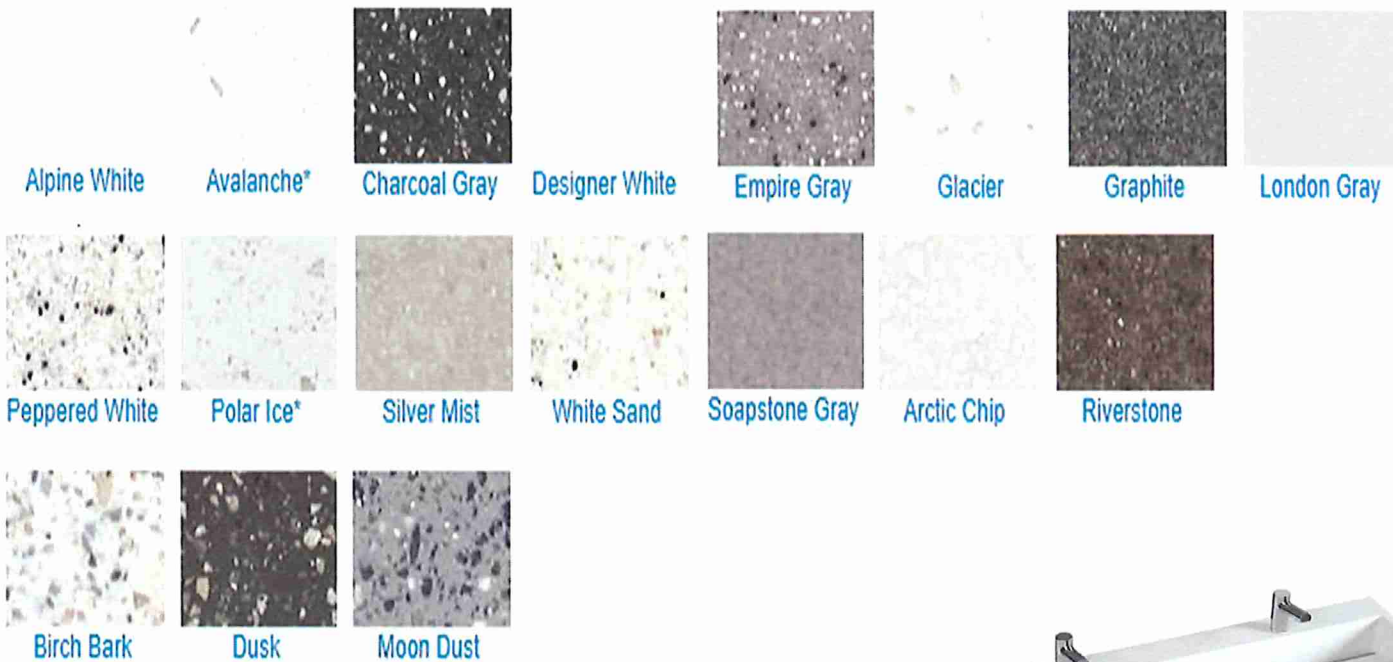
Existing

# RESTROOM ADA UPGRADES



# RESTROOM SINKS

Bradley





# RESTROOM PARTITIONS

## Scranton



**BLACK** OP  
 AVAILABLE IN: Standard, Fire Rated  
 (Class B, Class A NFPA 286)



**SHALE** OP  
 AVAILABLE IN: Standard



**GLACIER GREY** OP  
 AVAILABLE IN: Standard



**STAINLESS** II  
 AVAILABLE IN: Standard, Fire Rated  
 (Class B)



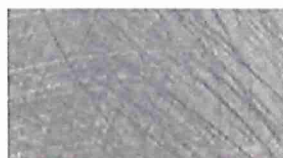
**BLACK** EX  
 AVAILABLE IN: Standard



**CHARCOAL GREY** OP  
 AVAILABLE IN: Standard, Fire Rated  
 (Class B)



**WHITE** OP  
 AVAILABLE IN: Standard, Fire Rated  
 (Class B, Class A NFPA 286)



**STAINLESS** RB  
 AVAILABLE IN: Standard



**PAISLEY** OP  
 AVAILABLE IN: Standard, Fire Rated  
 (Class B, Class A NFPA 286)



**GREY** OP  
 AVAILABLE IN: Standard, Fire Rated  
 (Class B, Class A NFPA 286)

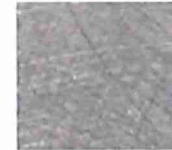


**BURGUNDY** OP  
 AVAILABLE IN: Standard



**STAINLESS** EX  
 AVAILABLE IN: Standard

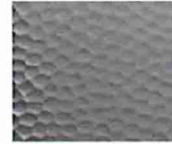
## TEXTURES LEGEND



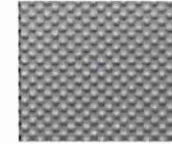
**ROTARY BRUSHED** RB  
 Standard



**ORANGE PEEL** OP  
 Standard, Fire Rated  
 (Class B, Class A NFPA 286)




**HAMMERED** HX  
 Standard, Class B



**GRIP EX** EX  
 Standard,  
 Black & Stainless Only



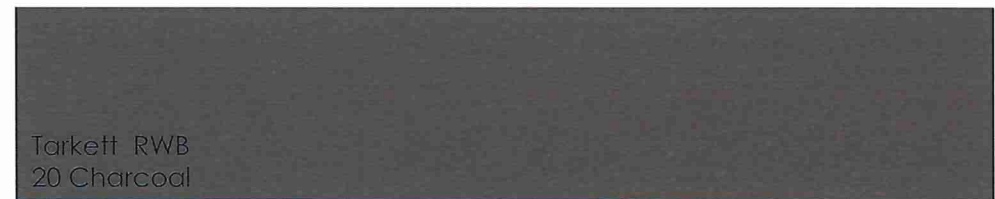
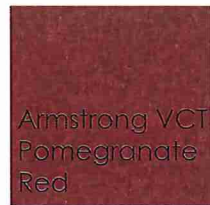
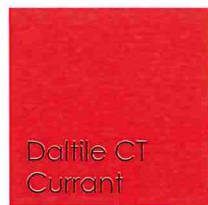
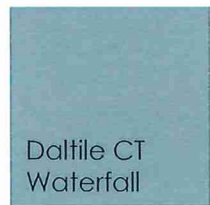
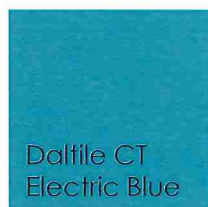
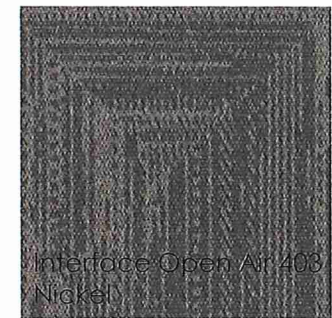
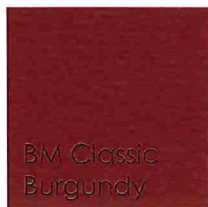
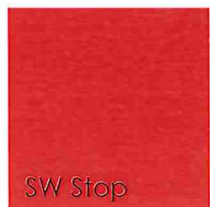
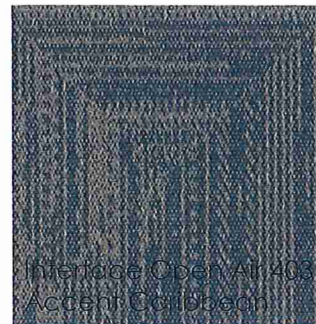
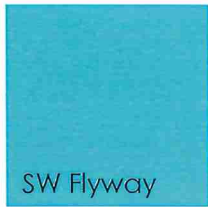


# INTERIOR FINISHES



# ELEMENTARY SCHOOL

## Option 1





# SECONDARY SCHOOL

Option 1

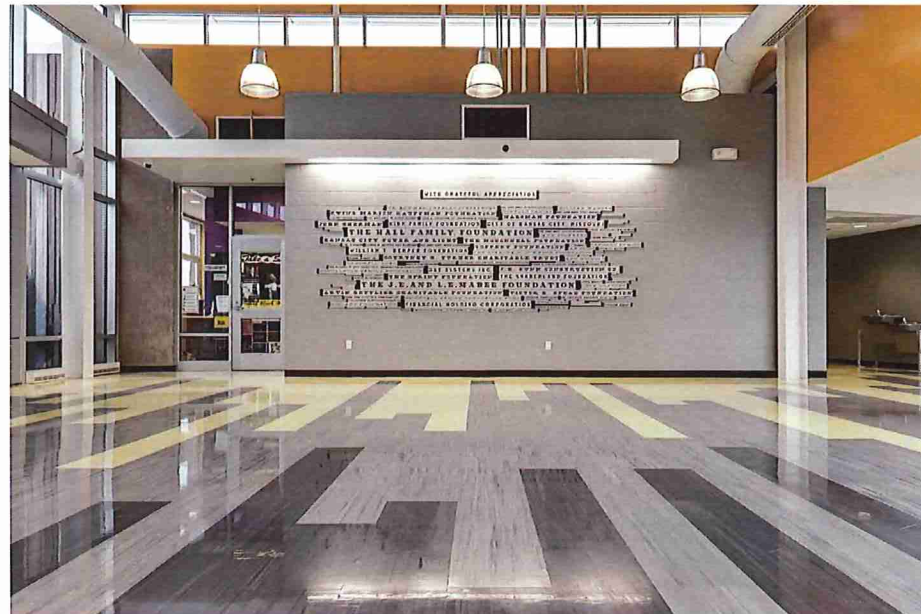




# Floor Patterns




# FLOOR FINISH REPLACEMENT





# FLOOR FINISH REPLACEMENT





# Design Schedule



# DESIGN SCHEDULE

---

## PH1: SD Phase

- SD Meeting #1: March 1<sup>st</sup>
- SD Meeting #3 & Sign-off: March 22<sup>th</sup>

## Construction Document Phase

- Page-Flip & Sign-off: TBD

## Bidding Phase

- Drawings Issued for Bid – Anticipated Mid April 2023
- Bid Opening – Anticipated May 2023
- Construction Starts – Anticipated July 2023

## PH2: SD Phase

- SD Meeting #1: March 1<sup>st</sup>
- SD Meeting #2: March 14<sup>th</sup> (Civil Scope)
- SD Meeting #3 & Sign-off: March 22<sup>th</sup>
- SD Meeting #4 & Sign-off: TBD (Civil Scope)

## DD Phase

- DD Meeting #1: Mid-April
- DD Meeting #2 & Sign-off: End of April

## Construction Document Phase

- Multiple review meetings: TBD
- Page-Flip & Sign-off: TBD

## Bidding Phase

- Drawings Issued for Bid – Anticipated Mid June 2023
- Bid Opening – Anticipated July 2023
- Construction Starts – Anticipated June 2024



# SCHEMATIC DESIGN - SIGN OFF

---

Schematic Design Phase Sign-off  
March 22<sup>th</sup>, 2023

*Mr. Mark*     3.22.23  
Signature/ Date

\_\_\_\_\_  
Signature/ Date

\_\_\_\_\_  
Signature/ Date

\_\_\_\_\_  
Signature/ Date

\_\_\_\_\_  
Signature/ Date

\_\_\_\_\_  
Signature/ Date

The District agrees that SitelogIQ completed the Schematic Design Phase scopes and services consistent with the scopes noted in the contract and any requested changes by the District. The District authorizes SitelogIQ to proceed to the Design Development Phase.



*Questions?*

sitelogiq



*Thank You!*

sitelogiq