

AGENDA

**SCHOOL DISTRICT OF NEW GLARUS
FACILITIES, TRANSPORTATION AND TECHNOLOGY COMMITTEE MEETING
MONDAY, AUGUST 2, 2021
HIGH SCHOOL LIBRARY/MEDIA CENTER, ROOM 183 JOIN ZOOM MEETING USING
LINK
HTTPS://US02WEB.ZOOM.US/J/85035557715?PWD=QLPIQJKD2N3L29VCG9M
BMFXATHSDZ09 OR BY PHONE USING 1-646-568-7788 MEETING ID 850 3555
7715 & PASSWORD 858478
1701 2ND STREET
NEW GLARUS, WISCONSIN 53574
6:30 PM**

- I. **Call to Order**
- II. **Summer Projects Update**
- III. **Referendum Projects Update**

2



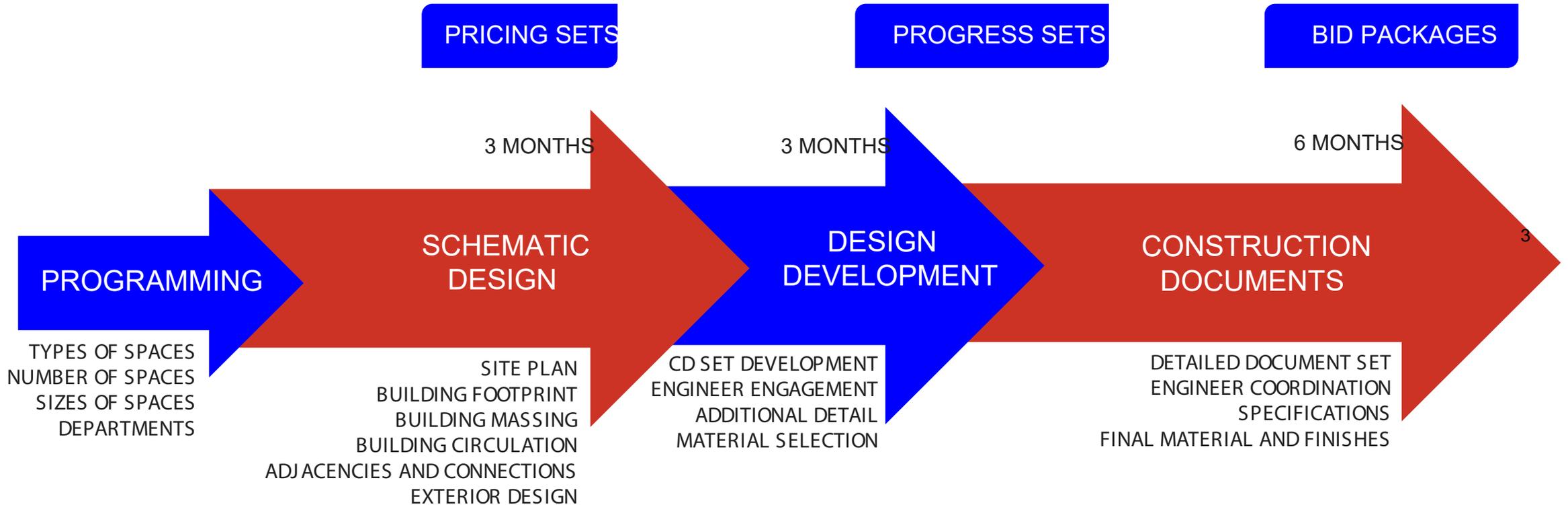
New Glarus School District CPT Meeting

Core Planning Team Meeting July 29, 2021



Core Planning Team Design Schedule

2021-2022





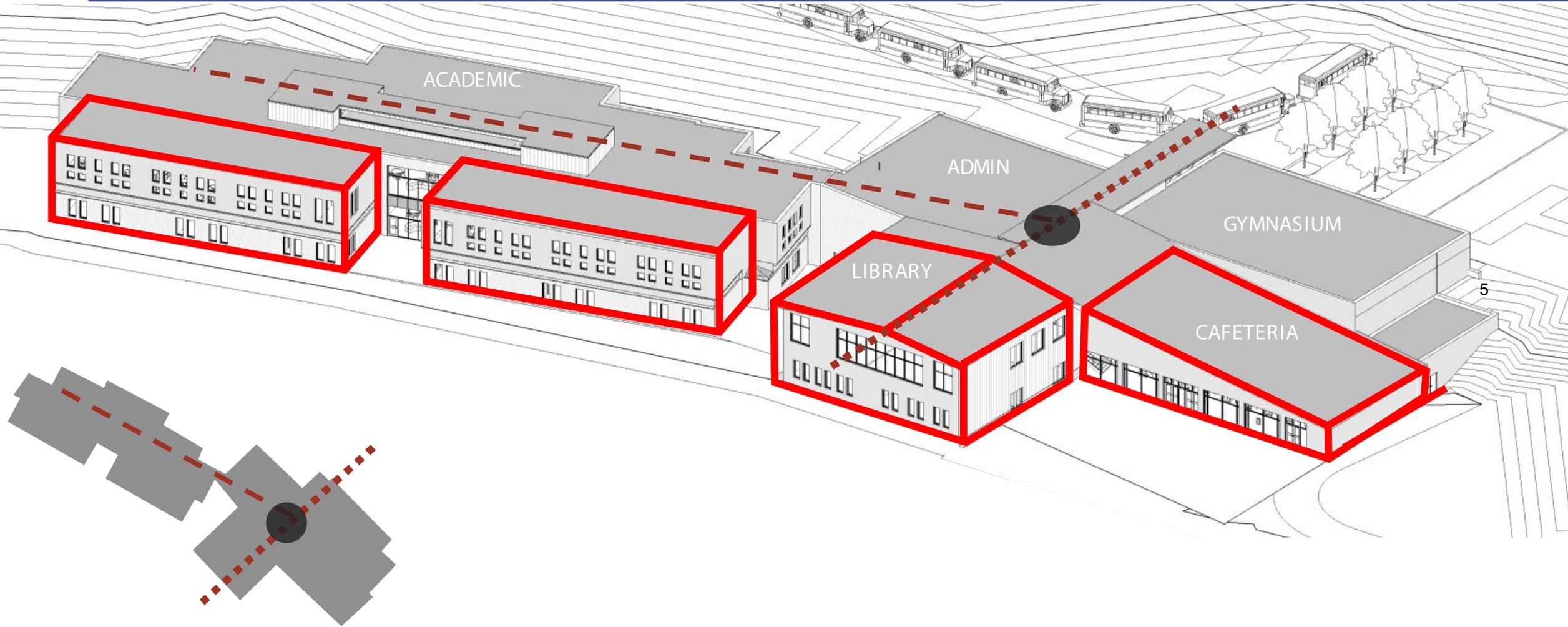
KNIGHTS

NEW PRIMARY SCHOOL

PRELIMINARY EXTERIOR DESIGN⁴

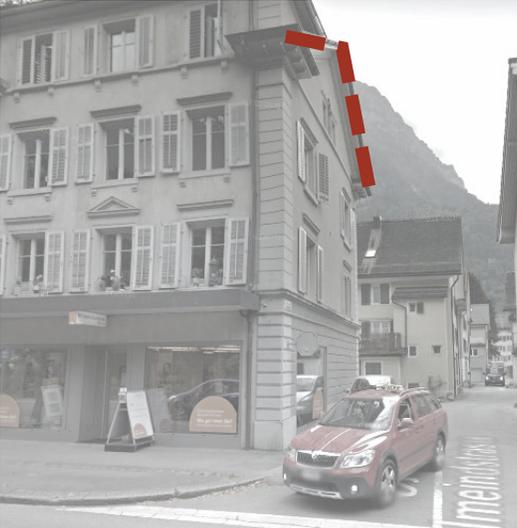
Exterior Architectural Themes

MODERN MASSING WITH TRADITIONAL DETAILS FOR A TIMELESS BALANCE



Taking inspiration from Glarus

MODERN MASSING WITH TRADITIONAL DETAILS FOR A TIMELESS BALANCE

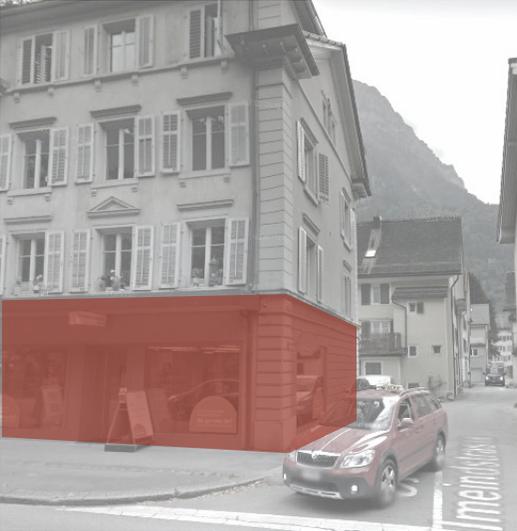
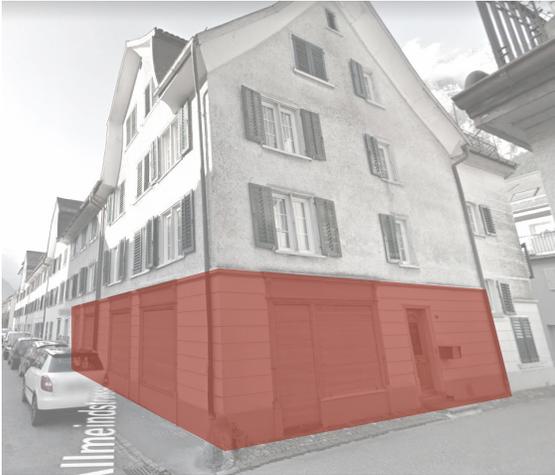
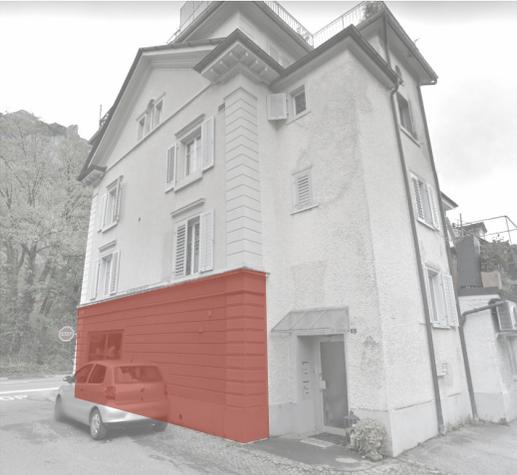


- GABLE ROOF
- BASE & TOP
- NATURAL MATERIALS
- PUNCHED OPENINGS
- TEXTURE
- QUOINING

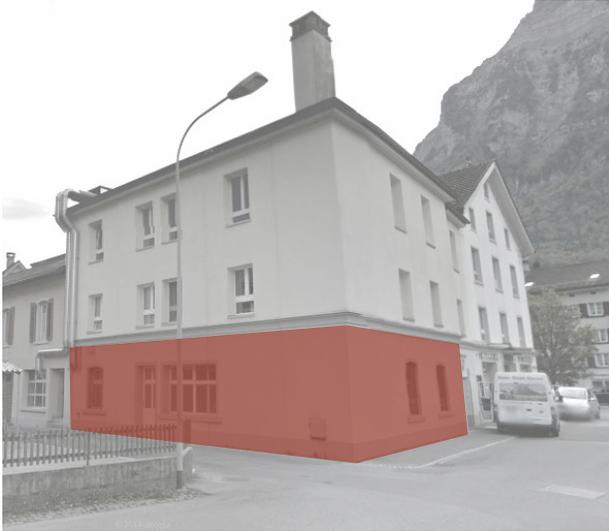


Taking inspiration from Glarus

MODERN MASSING WITH **TRADITIONAL DETAILS** FOR A TIMELESS BALANCE



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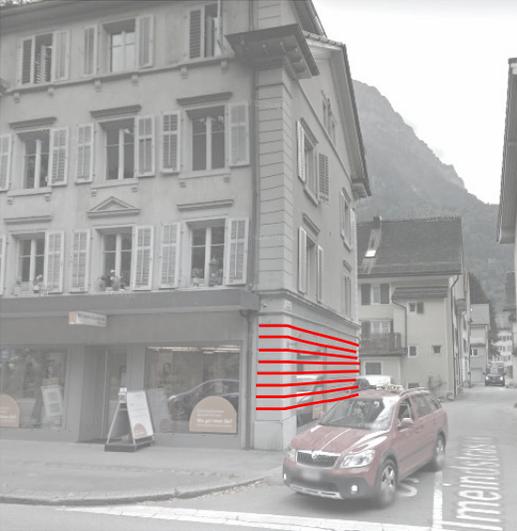


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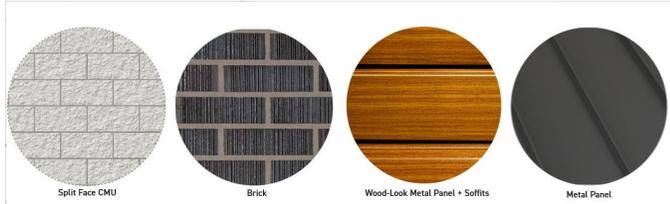
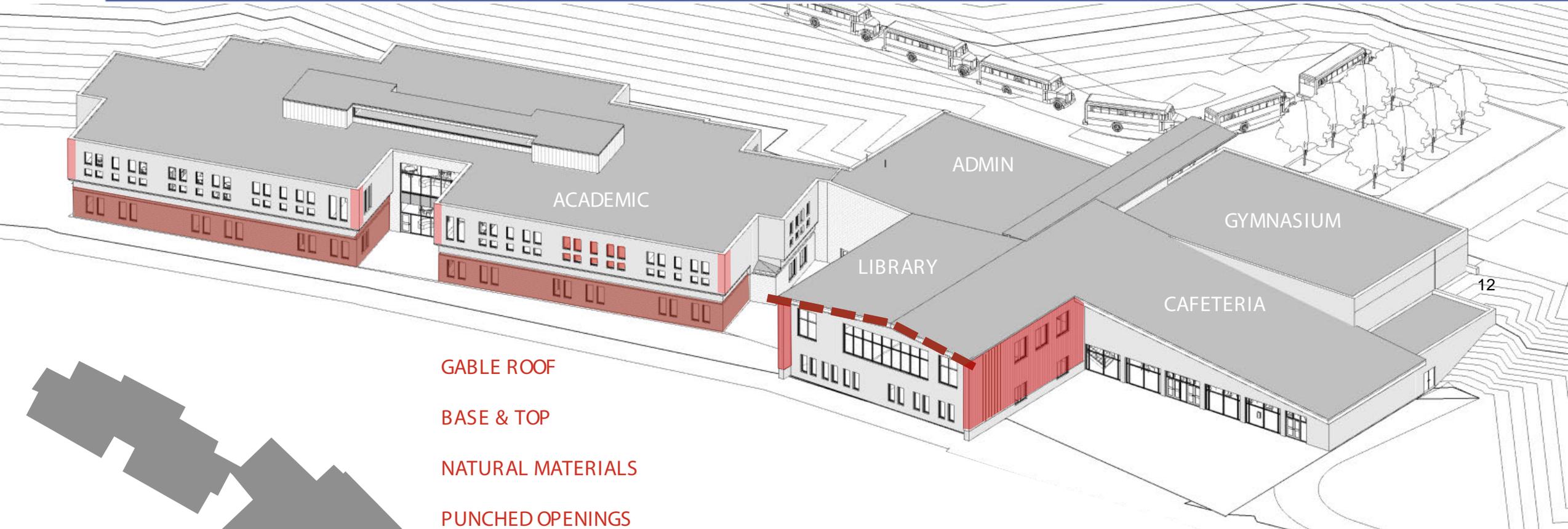


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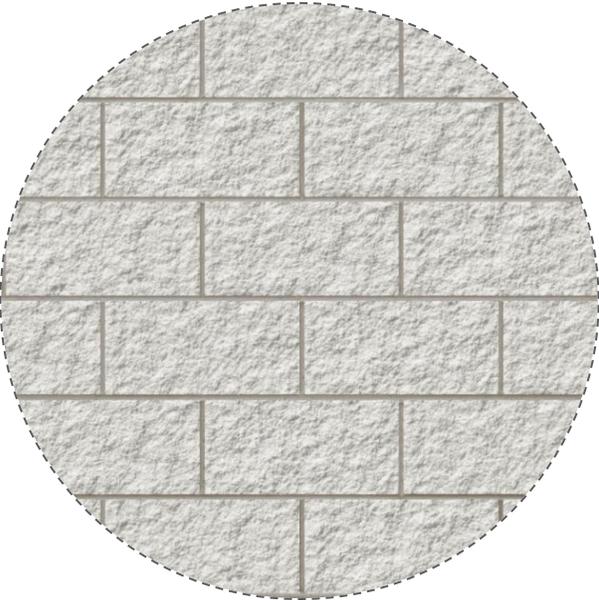


Exterior Architectural Themes

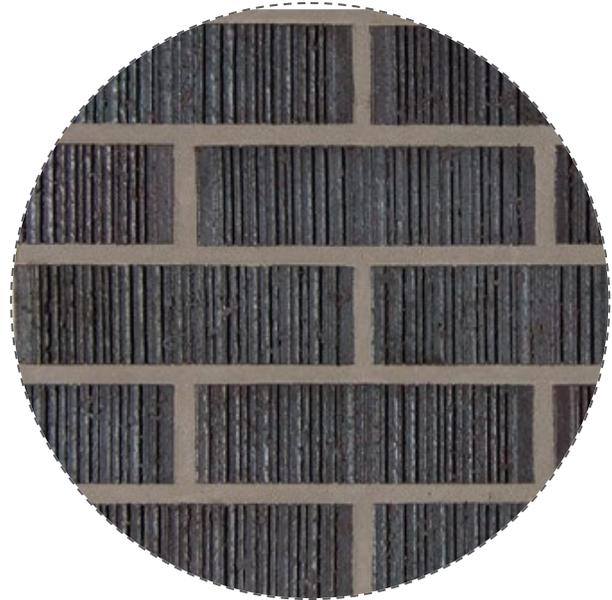
MODERN MASSING WITH TRADITIONAL DETAILS FOR A **TIMELESS BALANCE**



Preliminary Exterior Materials



Split Face CMU



Brick



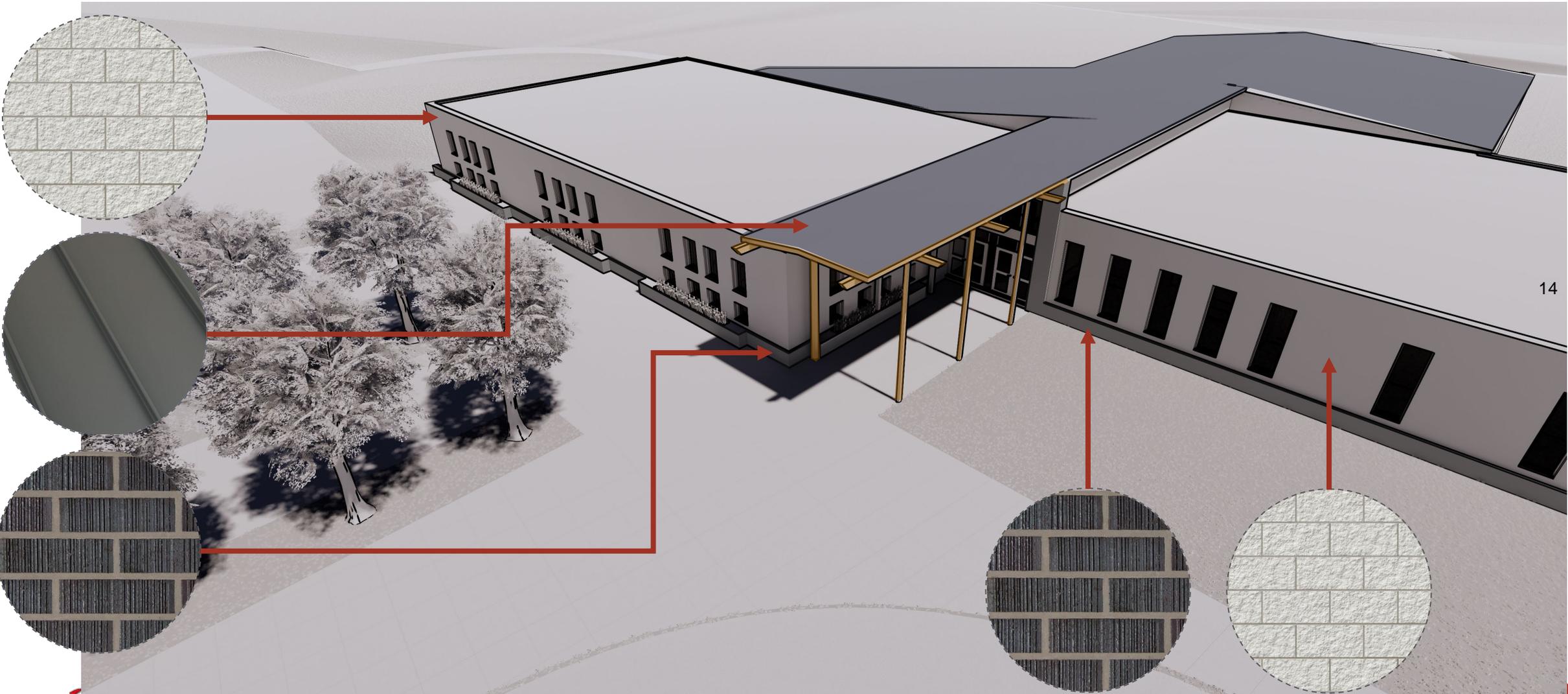
Wood-Look Metal Panel + Soffits



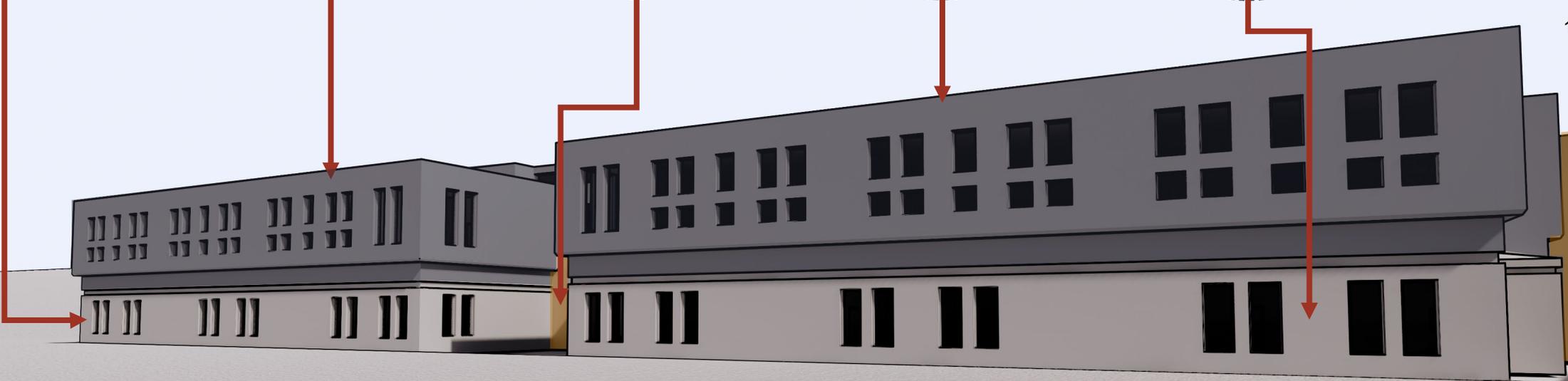
Metal Panel



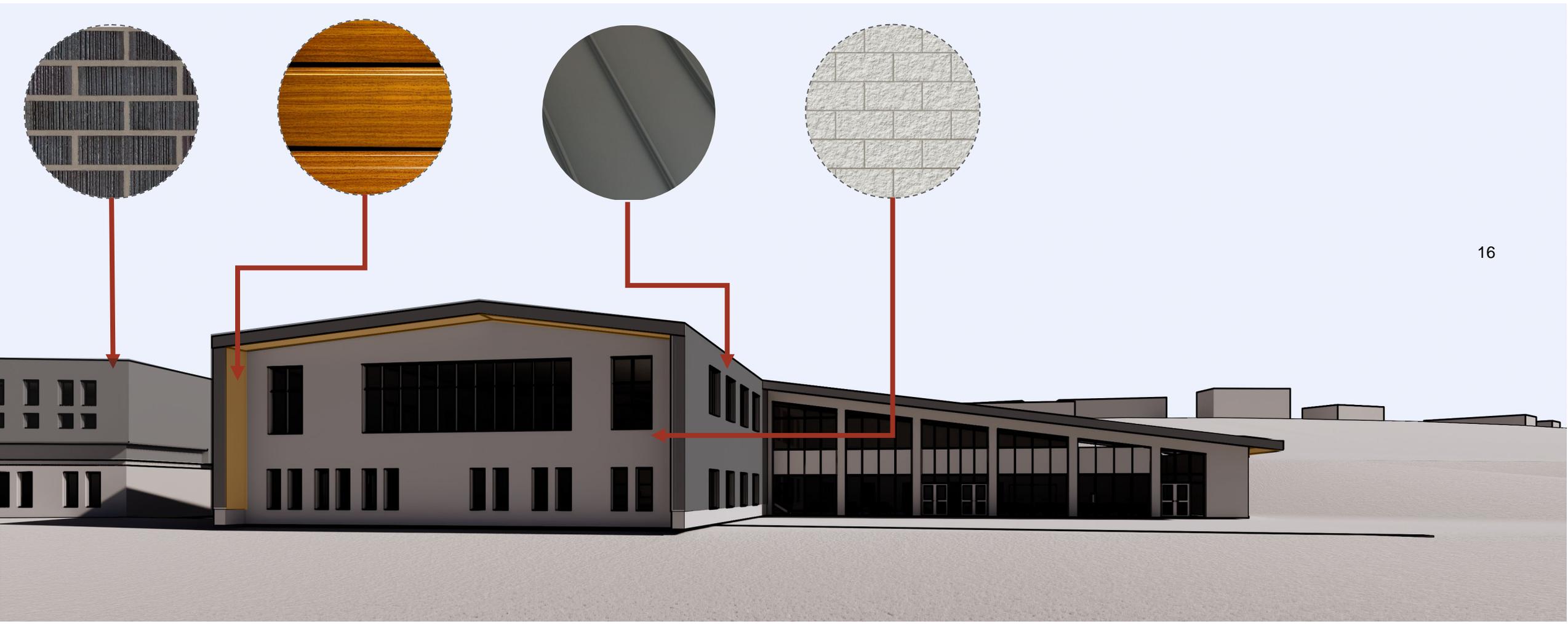
Conceptual Exterior Design– Academic Wing



Conceptual Exterior Design– Academic Wing



Conceptual Exterior Design– Library + Cafeteria





KNIGHTS

MIDDLE SCHOOL/HIGH SCHOOL STEAM

PRELIMINARY EXTERIOR DESIGN¹⁷

High School – Existing Conditions



Approximate location of addition



Preliminary Exterior Materials



Split Face CMU (to match existing)



Cement Board



Roof Edge/ Gutters/ Downspouts



HS - Preliminary Exterior Design





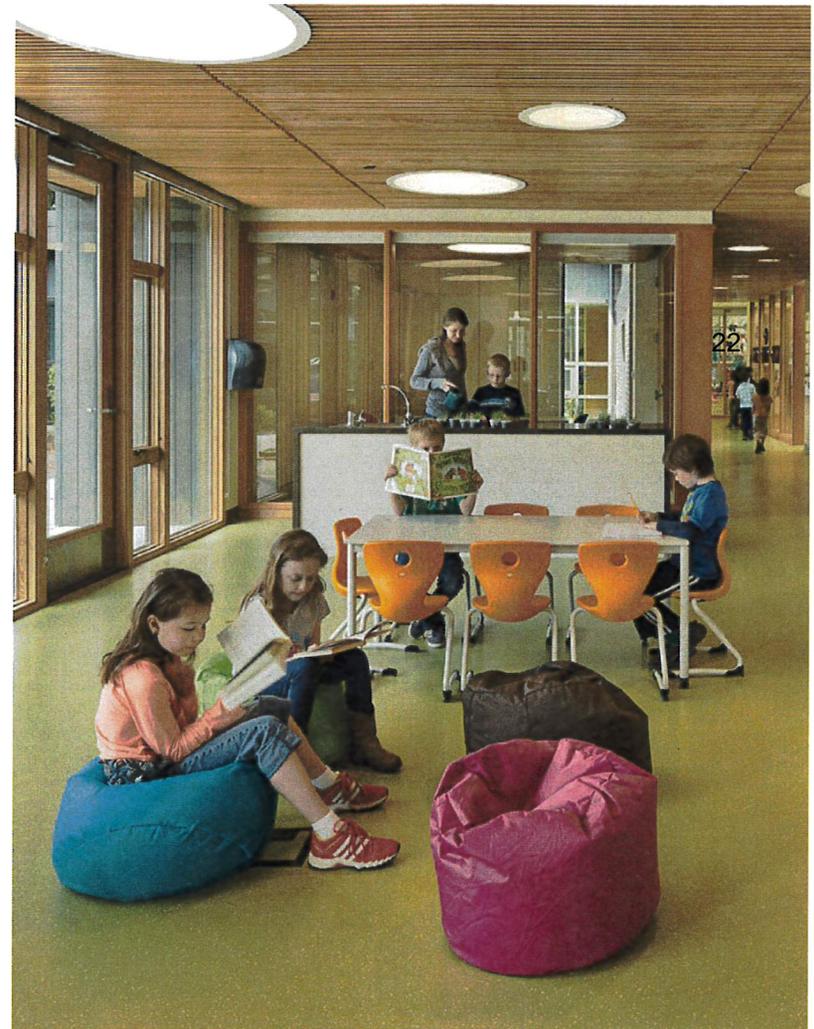
davenport • milwaukee • moline • sheboygan

brayarch.com

thank you.

interior design

PRELIMINARY FINISHES
PRESENTATION





contact info



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Interior Design
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414.6157688



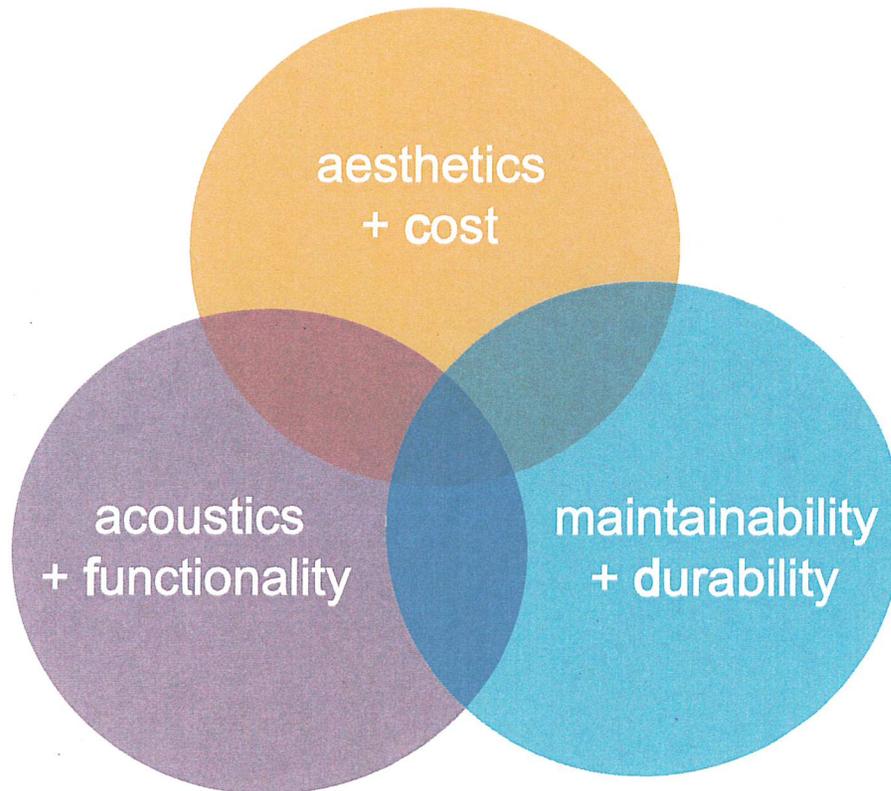
agenda

- Material considerations
- Plan Updates (PS & MS/HS)
- Recommendations for your building by area
- Existing Finishes (ES & MS/HS)

Note: This presentation will be sent to the team as meeting minutes with any notes for your reference.



material selection considerations



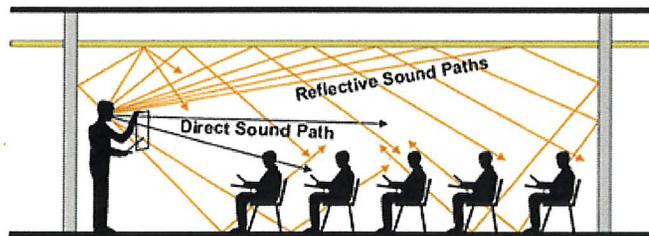
acoustics: how flooring plays a role

- The most important space for speech intelligibility:
 - Classrooms
 - Assembly Areas
 - Corridors where sound will travel into classrooms
- **NRC:** Noise Reduction Coefficient: The ability of a material to absorb sound reverberation
- Long reverberation times in a space cause syllables to be prolonged, overlap, and degrade speech intelligibility

REVERBERATION

The time it takes for reflected sound to die down by 60 decibels from the cessation of the original sound signal (measured in seconds).

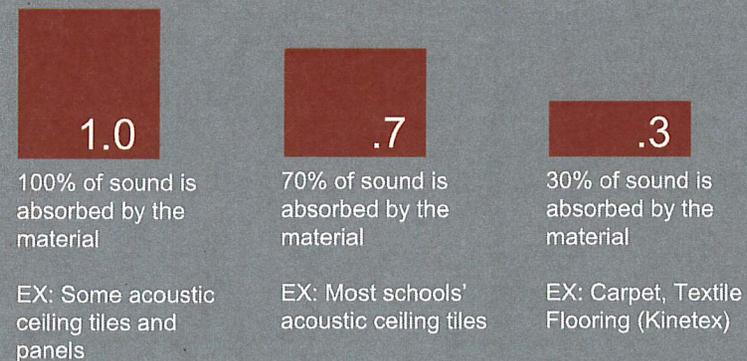
- Reflected sound tends to "build up" to a level louder than direct sound. Reflected sounds **MASK** direct sound.
- Late arriving reflections tend to **SMEAR** the direct sound signal.



Sources:

<https://www.acousticalsurfaces.com/acoustic-101/reverberation.htm>
https://www.jjflooringgroup.com/wp-content/uploads/Acoustic_White_Tech_Paper_FINAL.pdf

NRC Ratings:



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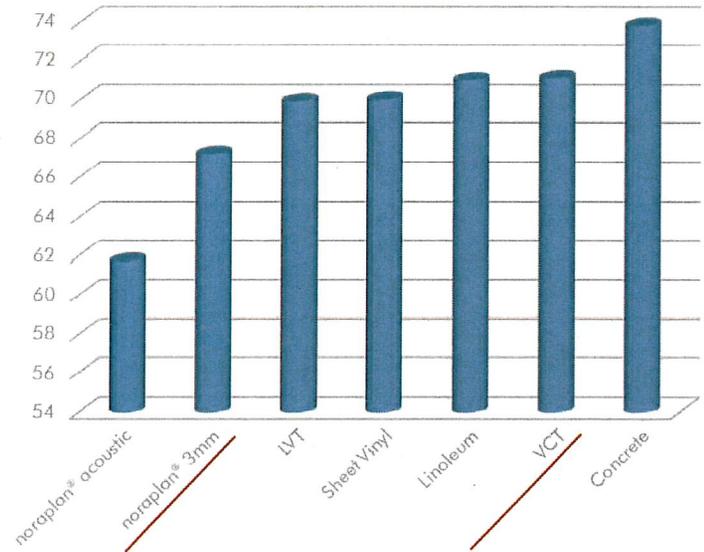
key information

Flooring with the ability to absorb sound reverberation is a good choice for classrooms, assembly areas and corridors

acoustics: flooring types

dB(A)

A-weighted decibel, an expression of the relative loudness of sounds in the air as perceived by the human ear, which is less sensitive at low audio frequencies.



key information

Food Areas: Rubber is preferred to VCT for acoustics ²⁷





maintenance: rubber flooring



Poynette



Forest Edge



Beloit Turner



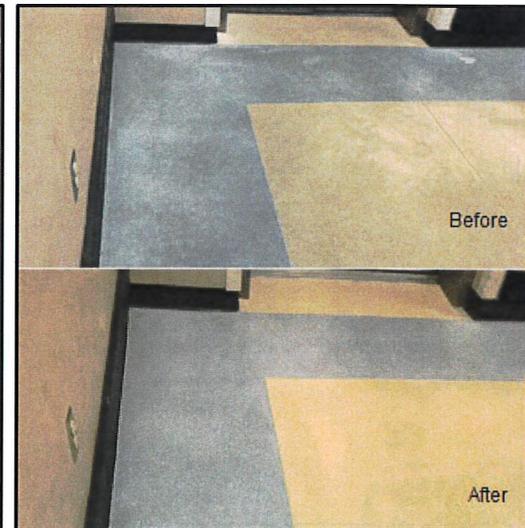
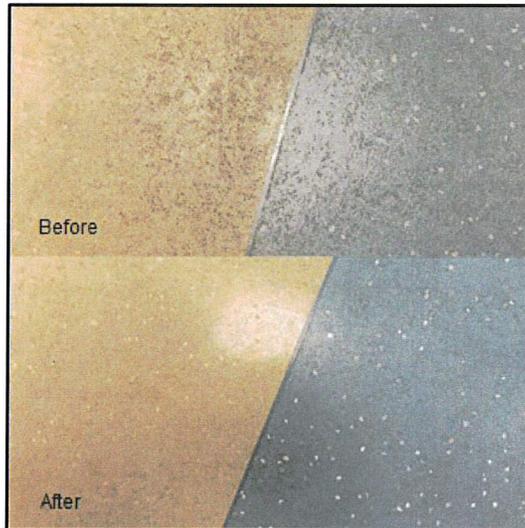
key information

Rubber:

Repair – Top image: This was scrubbed with a black terrazzo stripping pad and was able to be restored (bottom image)

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Maintenance – Clean with water and pad. Never needs to be sealed, or waxed





material selection concrete



Concrete



Forest Edge – Art

key information

Concrete: Repair – cracks and gouges can be filled in. Cracking is unpredictable despite saw cutting, and should be expected.
Re-sealing/re-polishing – every two years or so. There is susceptibility to staining.



material options: epoxy

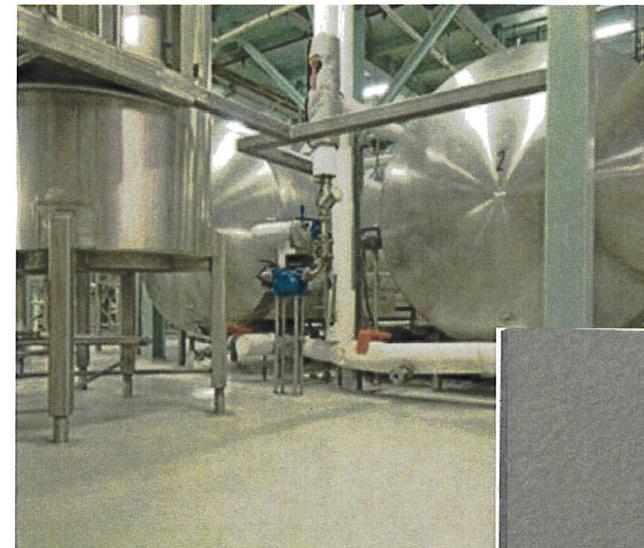


Epoxy



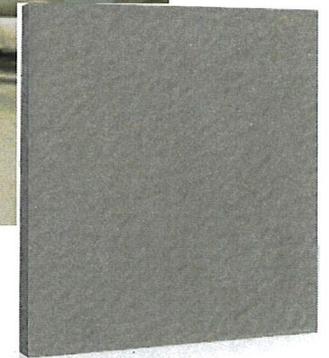
key information

- Epoxy
- Grit finish option
- Slip resistant wet or dry
- Standard in greasy or standing water locations
- Chemical resistance



Stonclad

- Heavy duty
- Solid color aesthetic
- Chemical and Thermal Shock resistance
- Eco-friendly recycled glass applications available





material options: kinetex

key information

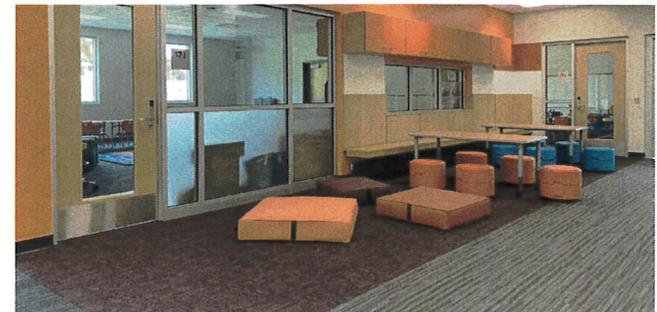
- **What is Kinetex?** Textile Composite Flooring – made of recycled soda bottles. Modular tiles.
- **Warranty:** Limited lifetime. Extremely durable and crush resistant different construction than carpet.
- **Slip Resistance:** Meets slip resistance coefficient of friction wet or dry. Acoustics: Improves acoustics more than a hard surface can
- **Maintenance:** Vacuum, encapsulation or hot water extraction. Dries more quickly than carpet. Can be sanitized.
- **Video:**
<https://www.jjflooringgroup.com/gallery/videos/page/2/>

 UNIVERSAL
FIBERS

Wear Layer/
Face Fiber



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Forest Edge



material options: walk off carpet tile

key information

- Designed to trap dirt where it comes in to keep the rest of the building's flooring clean and lasting longer
- Does not cause a potential tripping hazard like mats
- Acoustic value like carpet
- When there is a lot of soiling, vacuum 2x per day with suction only – does need to be cleaned just like any floor



6' of entry product stops **40%** of dirt

20' of entry product stops **80%** of dirt

39' of entry product stops **98%** of dirt

Source: Carpet and Rug Institute (CRI)



Forest Edge Cubbies



material selection considerations

MAINTENANCE + DURABILITY

Modular carpet tile

- Daily vacuum with a beater brush
- Spot cleaning: remove excess material. Spray capture pre-mist onto terry cloth, blot. Spray again, leave for 30 minutes, agitate with brush, vacuum
- Deep cleaning: hot water extraction
- Single tiles can be replaced if necessary
- Limited Lifetime Warranty. Specified product has a cushion back (as a manufacturer standard), carpet lasts 40-50% longer than regular hard back carpet.

Kinetex

- Daily vacuum
- Spot cleaning: remove excess material. Spray hot water onto terry cloth, blot. Let dry, agitate with brush, vacuum
- Can be sanitized with sanitizer and extraction machine or wand. Dries quickly <http://www.jjflooringgroup.com/what-is-kinetex/kinetex-attributes/maintenance/>
- Does not require buffing, wear-layer re-application. Do not need to remove all furniture to clean portions of the floor
- Single tile can be replaced
- Limited Lifetime Warranty

Rubber

- Really only needs water to clean
- Will never need to be sealed, re-sealed or waxed
- Slip-resistant, even when wet
- Comes in tiles that can be replaced if very badly damaged
- Can be brought back up to original look if in a very heavy wear area
- Can withstand cleat traffic, and is slip-resistant, even when wet
- Single tile can be replaced or gash can be filled with background color
- Warranty: 1 yr against manufacturer defects, 10 years against wear

Epoxy

- Preparation: Requires a relative humidity of the slab of 75% , which may require additional preparation and associated costs
- Warranty: 1 year, except for color.
- Texture: Non-slip grit is added to meet coefficient of friction. Typically used in greasy areas, standing water situations.
- Acoustics: Similar to concrete.
- Regular Maintenance:
 - Sweep
 - Apply cleaning product
 - Allow dwell time
 - Agitate with deck brush or floor scrubber (do not use a mop) – red or blue 3m cleaning pads – Mop is ok with Stontec
 - Remove cleaning product
 - Rinse with floor scrubber

Sealed concrete

- Installation: burnish (polish) and seal. Color would require a separate pour.
- Cleaning: Depends on sealer. Concrete has soil as its ingredient, which functions as an abrasive and attracts the dust particles. And when stacked, these dust particles may ruin the shine and clarity of your concrete floor."

REFERENCE: <https://www.diamaticusa.com/10-maintenance-tips-for-polished-concrete-floors/>

- Requires periodic re-sealing
- Cracks can appear and need to be filled, can collect dirt
- Chip repair may be obvious

key information

Carpet and Kinetex have similar maintenance schedule requirements

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Rubber never needs a coating, and can be restored/repaired if damaged

An architectural rendering of a modern school interior. The central focus is a wide, multi-level staircase with concrete steps and metal railings. Several students are depicted sitting on the steps, some reading books. In the background, a person is walking up the stairs. The space is bright, with large windows and a high ceiling. The overall style is clean and functional.

Primary School

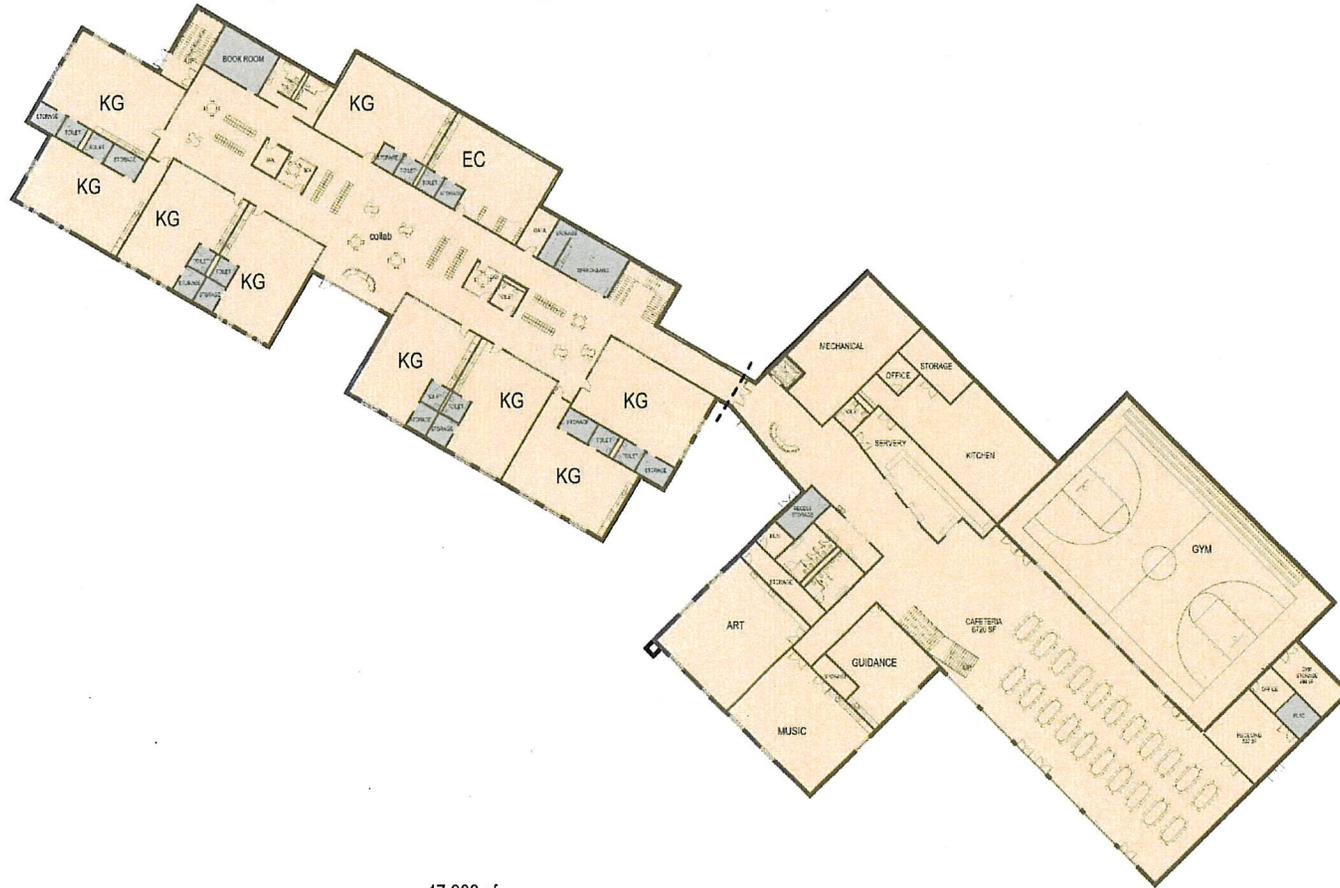


plan updates (PS L2)





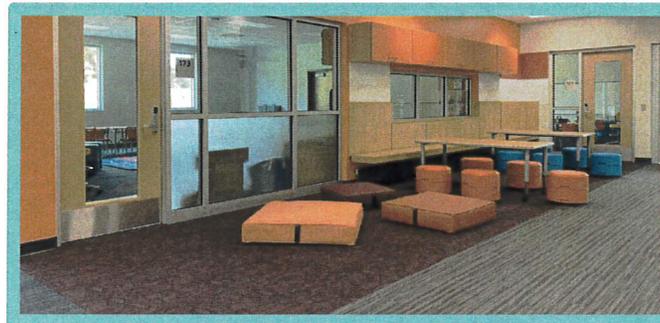
plan updates (PS L1)



47,908 sf



material recommendations by area



-  RUBBER TILE
-  CARPET TILE
-  HARD TILE
-  KINETEX
-  SEALED CONCRETE
-  WALK OFF CARPET TILI
-  RESINOUS EPOXY
-  WOOD FLOORING



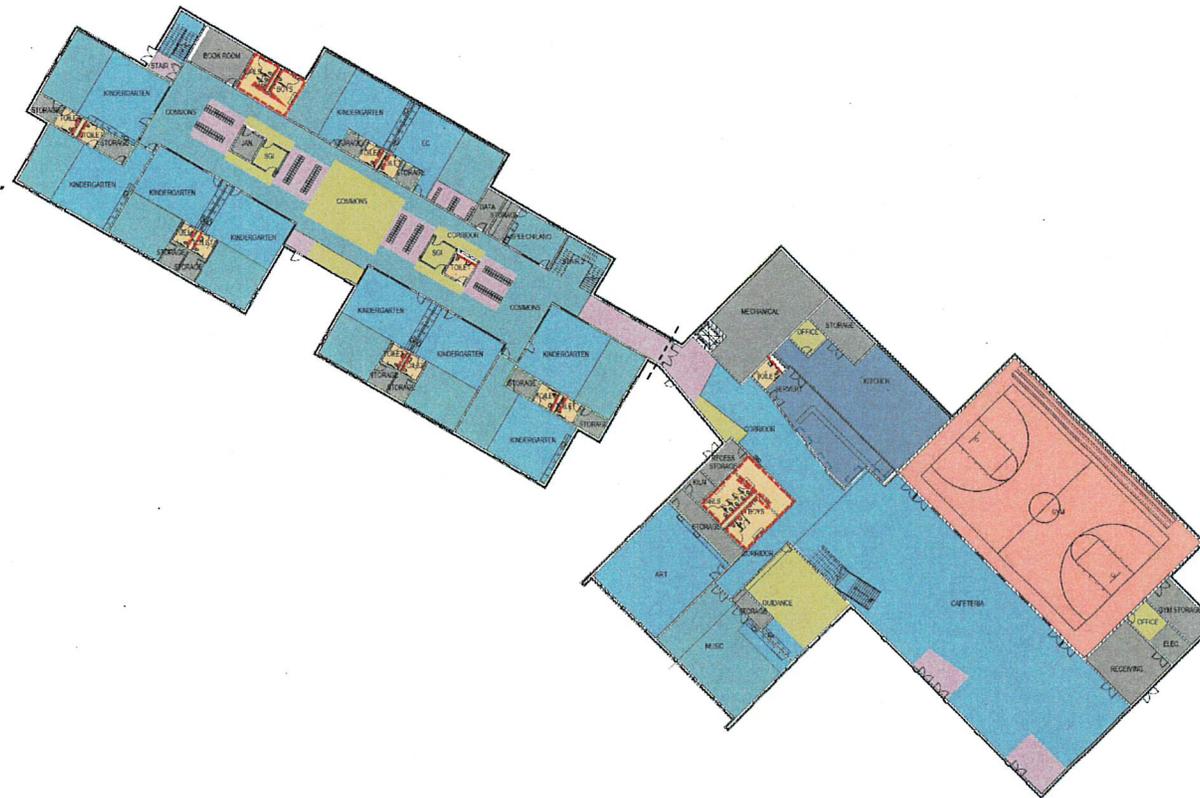
material recommendations by area (PS L2)



-  RUBBER TILE
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-  HARD TILE
-  KINETEX
-  SEALED CONCRETE
-  WALK OFF CARPET TILI
-  RESINOUS EPOXY
-  WOOD FLOORING
-  TILE WALLS



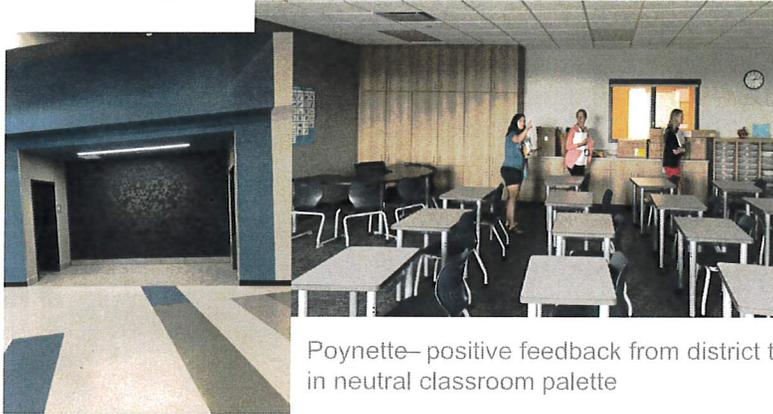
material recommendations by area (PS L1)



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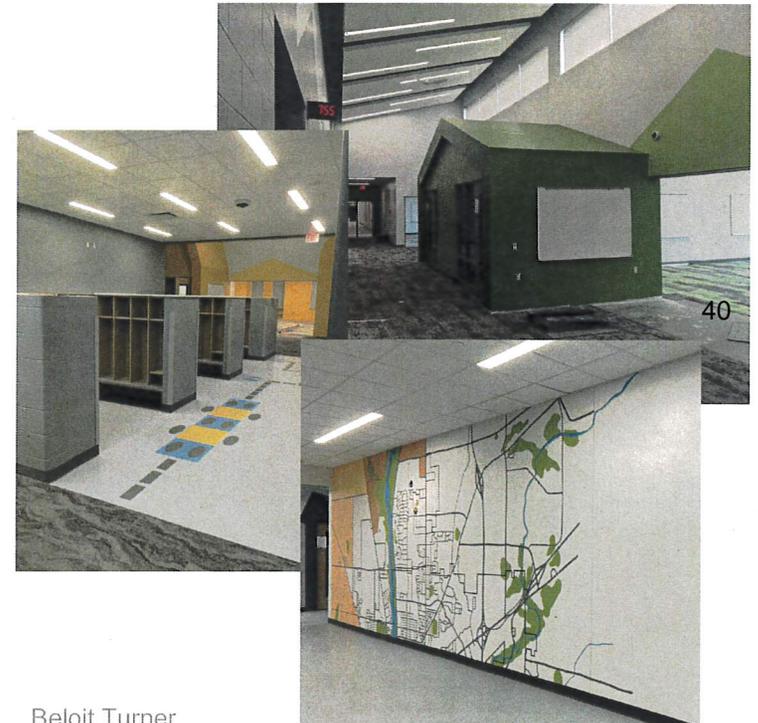
thought starters finishes



Poynette– positive feedback from district team in neutral classroom palette



Oregon



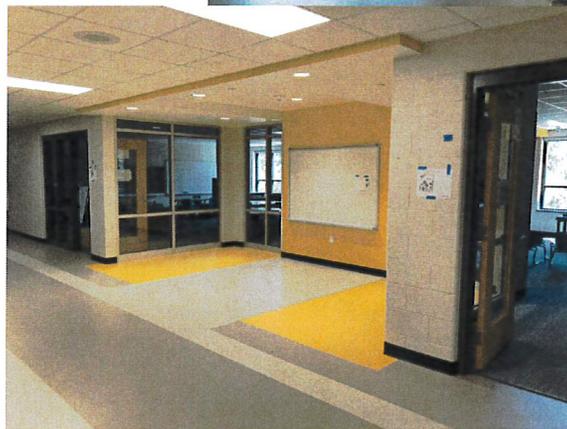
40

Beloit Turner

- good response to the branding, connection to the community. It was noted that there is interest in a little less color.



thought starters finishes



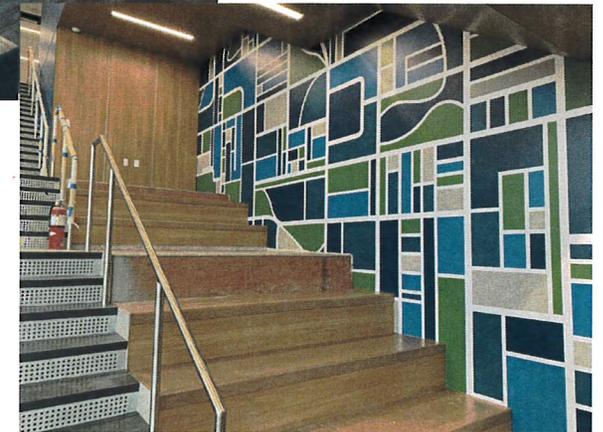
Edgerton (Bray precedent)
Modest use of color



thought starters finishes



Evansville Middle School (Bray precedent)
Accent Carpet & soffit pulls in color with select high impact moments





thought starters finishes



Maidenhill Primary School
(non-Bray precedent, United Kingdom)
Placement of accent colors on smaller surfaces, warmth/color of wood tone reads strongly throughout design

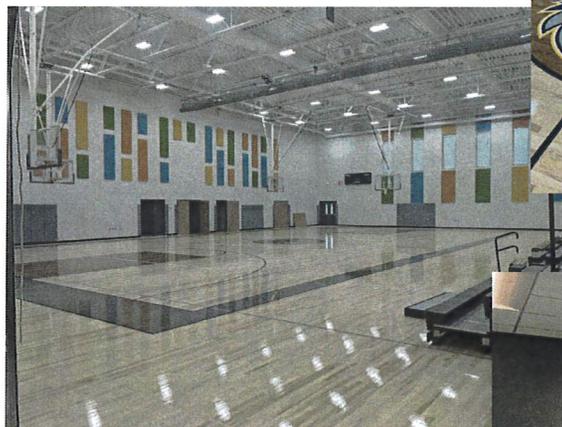


thought starters finishes



New Glarus Knights

- Are there select spaces that need to be tied to district red and blue color palette
- Are we okay to proceed with a more muted, neutral color story in the student wing, library, collab spaces?



Beloit Turner

- District colors pulled into gym spaces and reception



IV. Adjourn

PURSUANT TO APPLICABLE LAW, NOTICE IS HEREBY GIVEN THAT A QUORUM OR A MAJORITY OF THE NEW GLARUS SCHOOL DISTRICT BOARD MEMBERS MAY ATTEND THIS MEETING. INFORMATION PRESENTED AT THIS MEETING MAY HELP FORM THE RATIONALE BEHIND FUTURE ACTIONS THAT MY BE TAKEN BY THE NEW GLARUS SCHOOL DISTRICT BOARD.

UPON REQUEST TO THE DISTRICT OFFICE, SUBMITTED TWENTY-FOUR (24) HOURS IN ADVANCE, THE DISTRICT SHALL MAKE REASONABLE ACCOMODATIONS INCLUDING THE PROVISION OF INFORMATIONAL MATERIAL IN AN ALTERNATIVE FORMAT FOR A DISABLED PERSON TO BE ABLE TO ATTEND THIS MEETING.