

STONEHAM HIGH SCHOOL

Building Committee Meeting



1.24.2022

AGENDA

1\ Interior Design Updates

A\ Interior & Exterior Design
Concept Recap

B\ Overview of Interior Materials

C\ Interior Views

D\ Auditorium Design

E\ Model Walk-through

2\ Programming Updates

3\ Exterior Design Update

4\ Appendix



View towards Spartan Plaza

Interior & Exterior Design Concept Recap

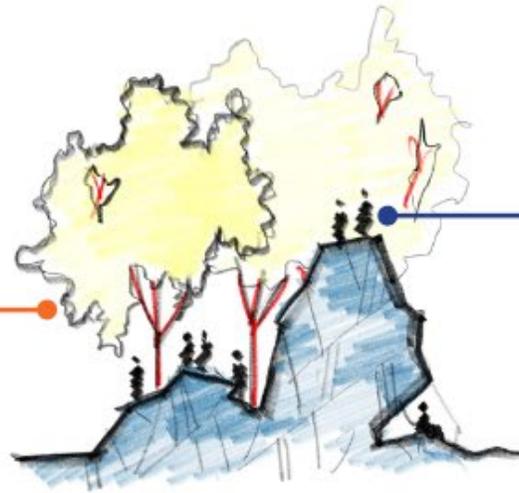
Building Committee Meeting

Interior/Exterior Design Concept Recap

Stoneham Paths



Places to explore and
come together



Stoneham's Promontories



Places to seek
broader view and find
perspective

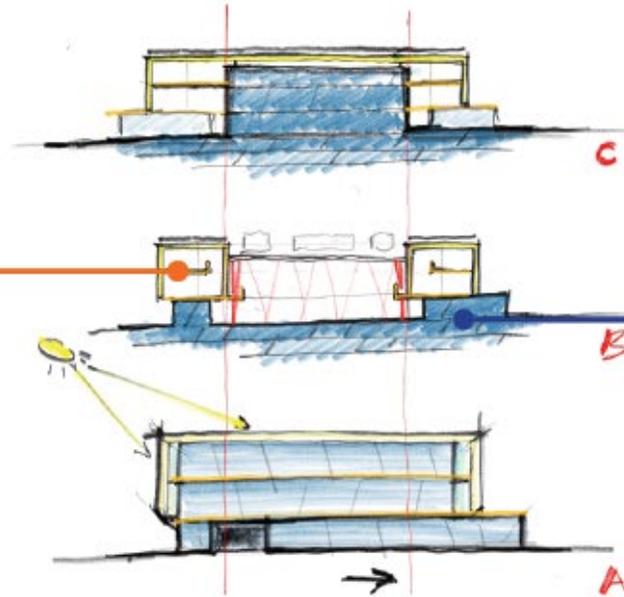
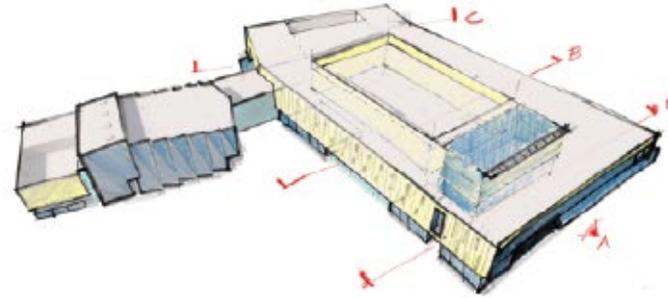
Interior/Exterior Design Concept Recap

Paths (exploration)

Exploration
Energizing
Connection



Solar Harvesting
Filtering Light
Open, Layered



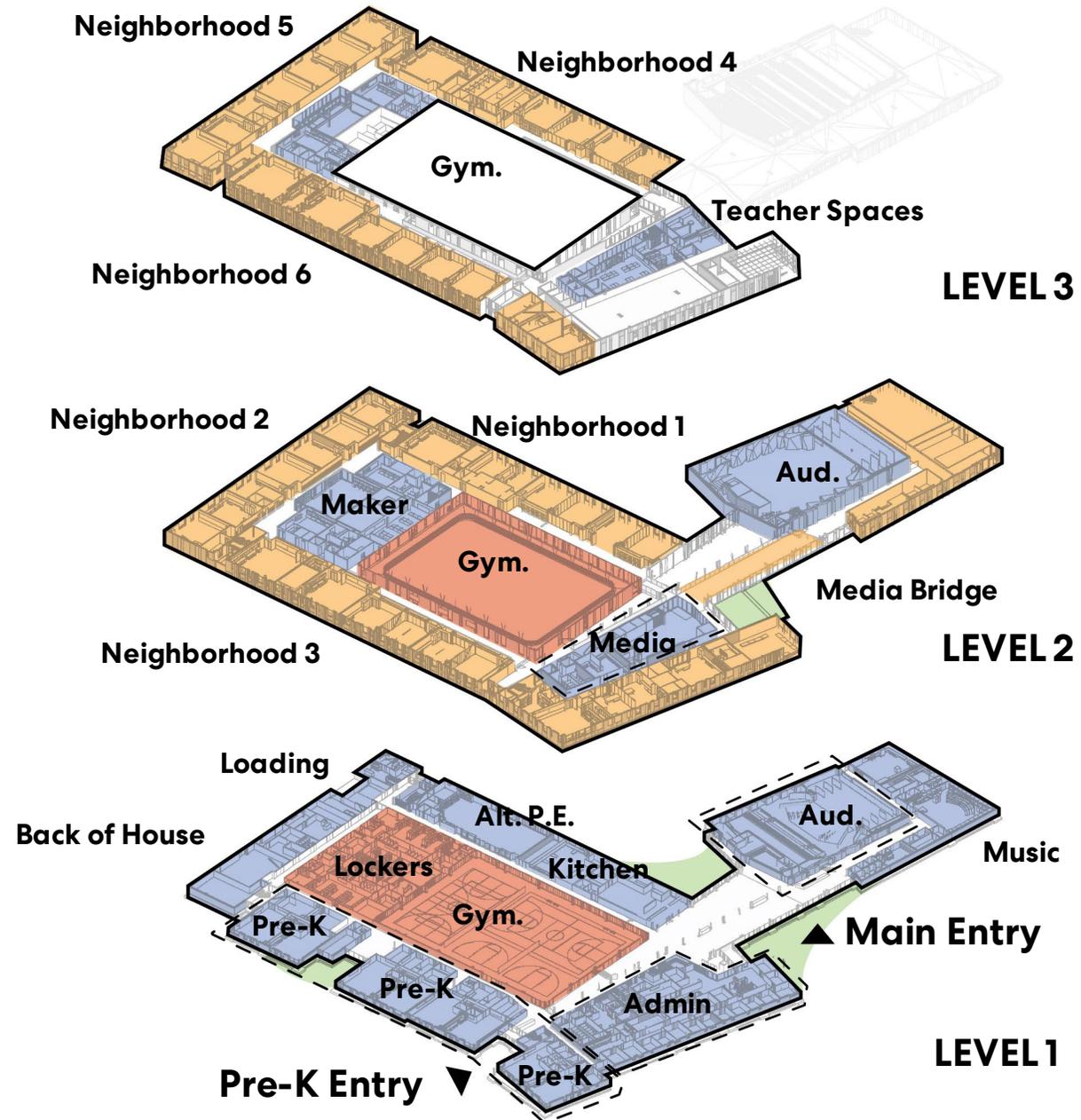
Promontories (identity)

Identity
Student expression
inclusion



Durable
Elevated Views
Landscape Connected

Building Axon Diagram



Concept Diagram of Interior/Exterior Materials

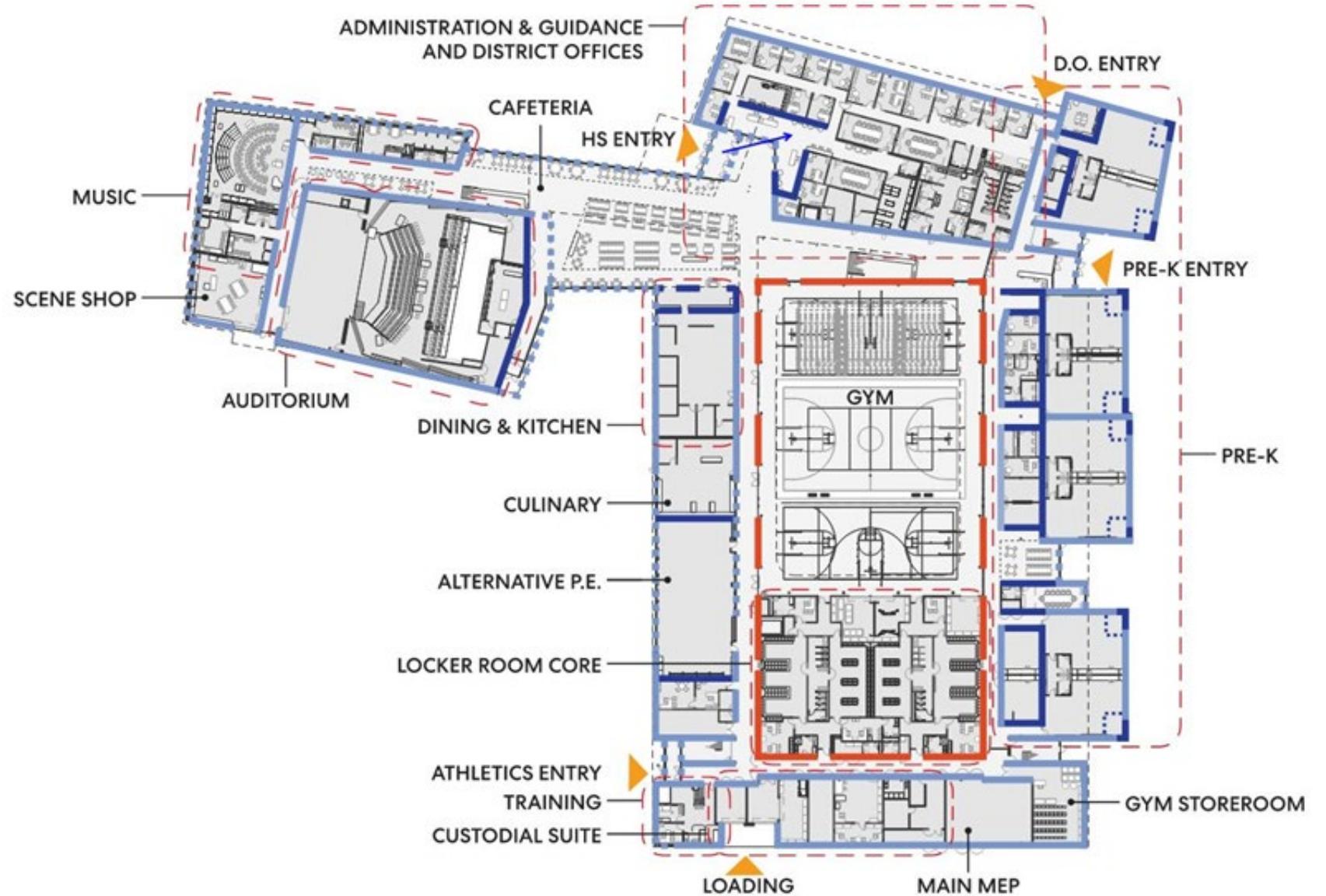
Level 01

PATHS

-  EXTERIOR SKIN (TREE BARK)
-  INITIAL ACCENT INTERIOR SKIN LAYER
-  SECONDARY ACCENT INTERIOR SKIN LAYER

PROMONTORIES

-  ROCK
-  CARVE OUT SPACES



Concept Diagram of Interior/Exterior Materials

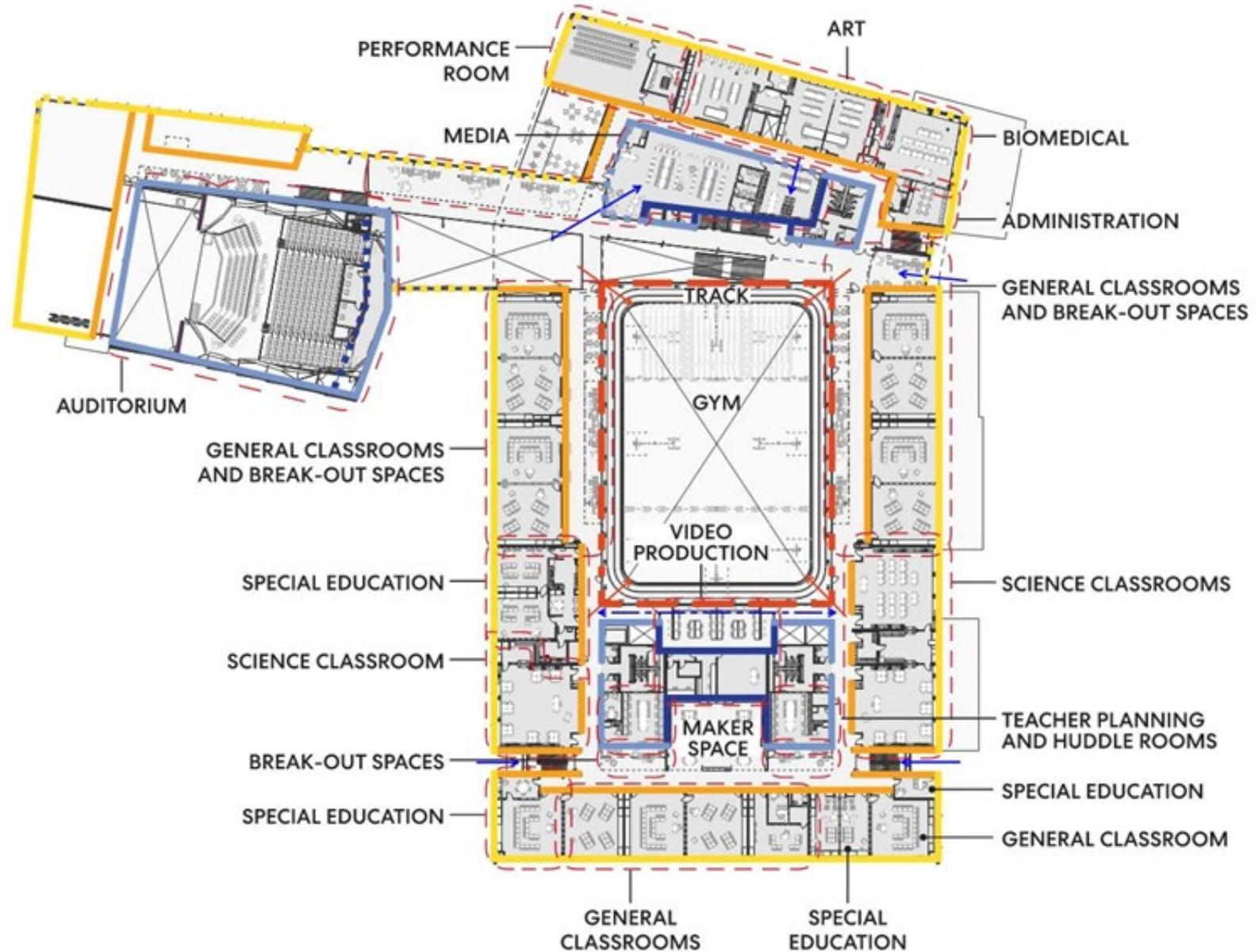
Level 02

PATHS

-  EXTERIOR SKIN (TREE BARK)
-  INITIAL ACCENT INTERIOR SKIN LAYER
-  SECONDARY ACCENT INTERIOR SKIN LAYER

PROMONTORIES

-  ROCK
-  CARVE OUT SPACES



Concept Diagram of Interior/Exterior Materials

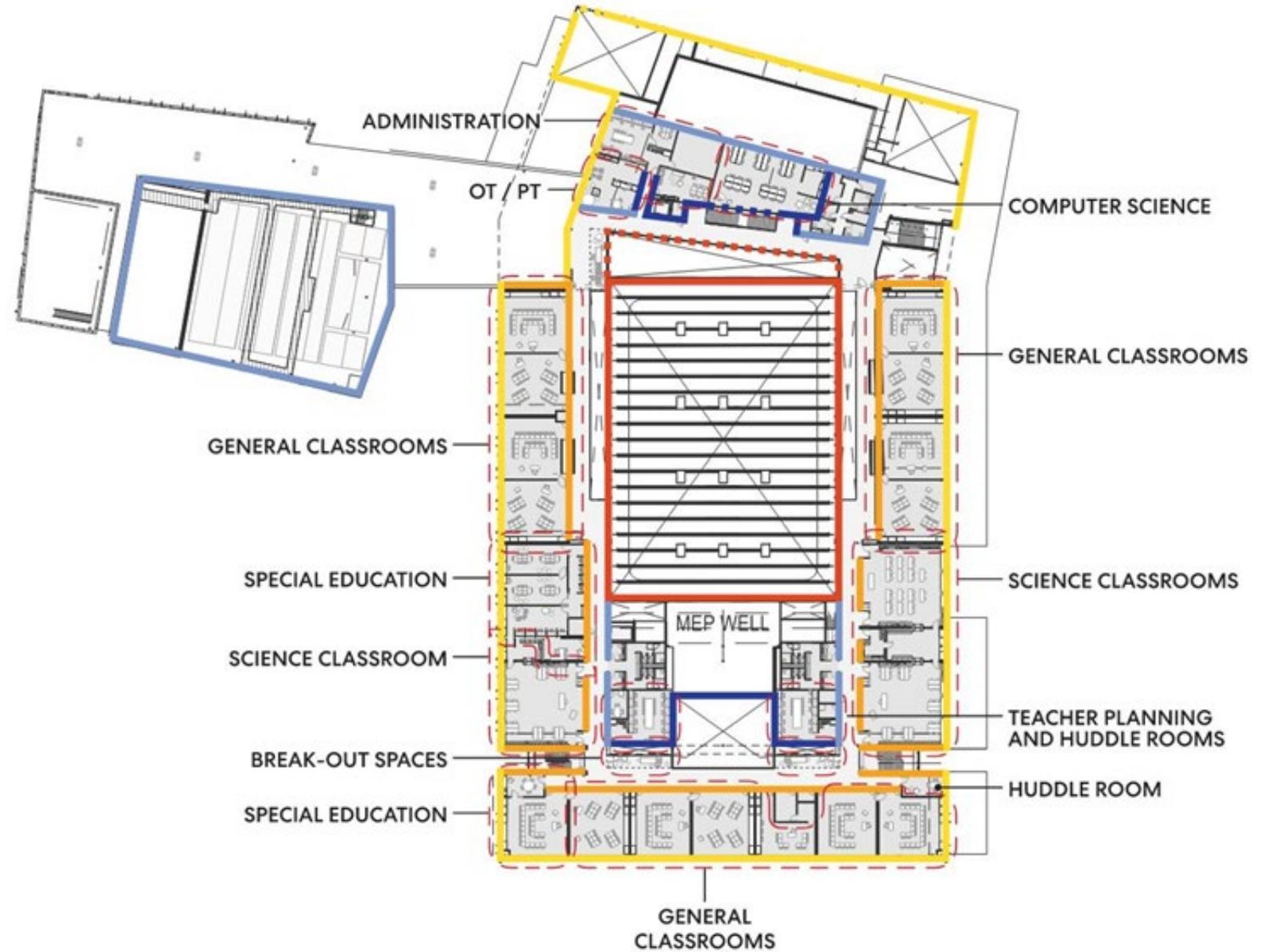
Level 03

PATHS

-  EXTERIOR SKIN (TREE BARK)
-  INITIAL ACCENT INTERIOR SKIN LAYER
-  SECONDARY ACCENT INTERIOR SKIN LAYER

PROMONTORIES

-  ROCK
-  CARVE OUT SPACES



Floor Plan Diagram of Accent Areas

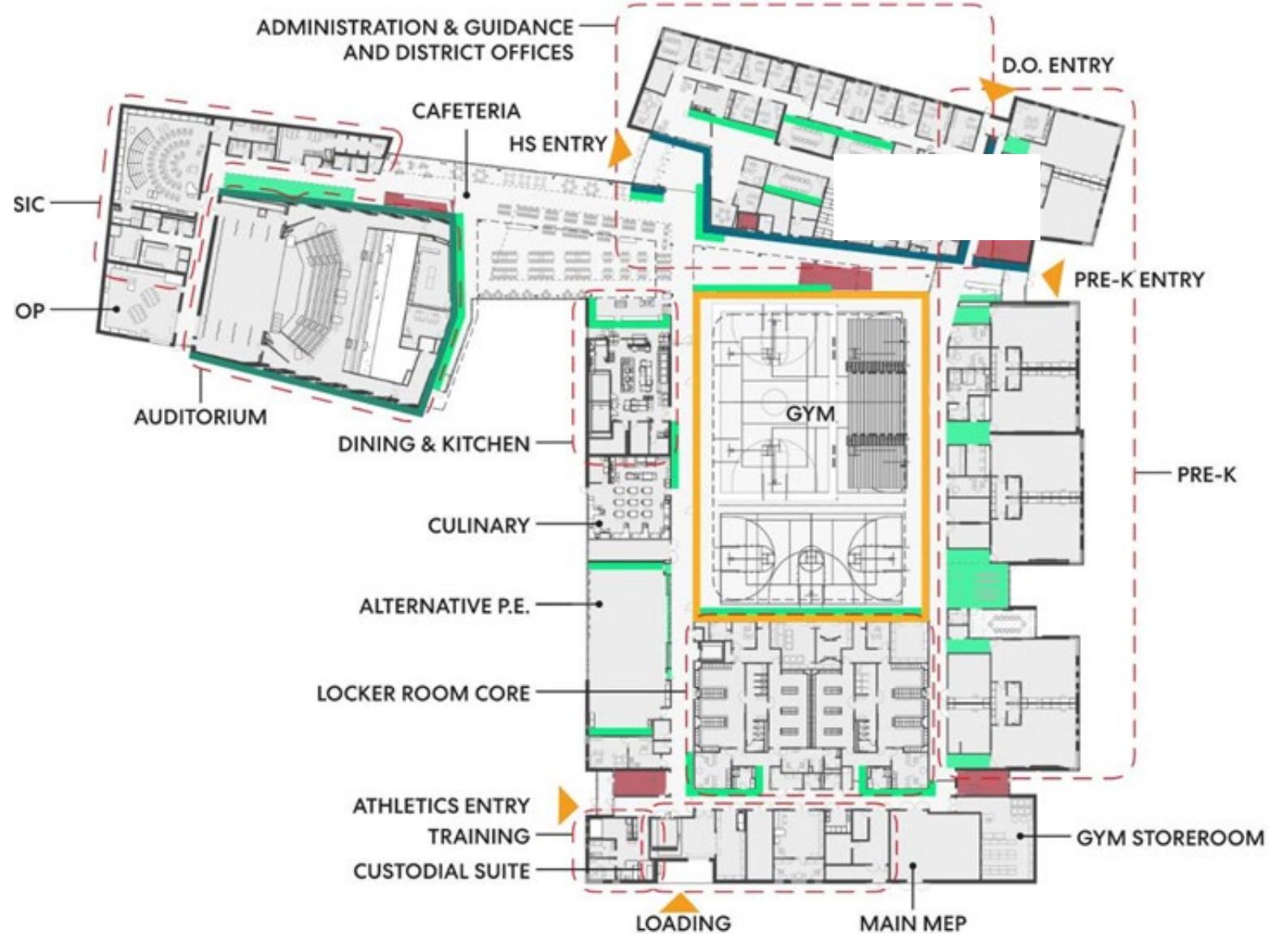
Level 01

INTERIOR MATERIALS TO MATCH IN TONE TO EXTERIOR BUILDING MATERIALS:

- CHARCOAL GRAY ACOUSTIC GROUND FACE BLOCK
- CHARCOAL GRAY PORCELAIN TILE
- WHITE, GRAY, AND BEIGE TONES

ACCENT AREAS:

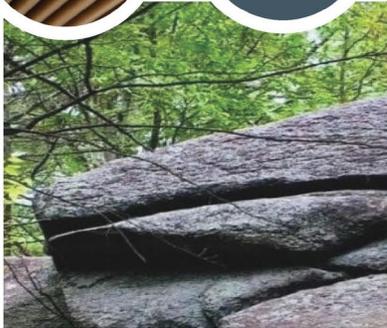
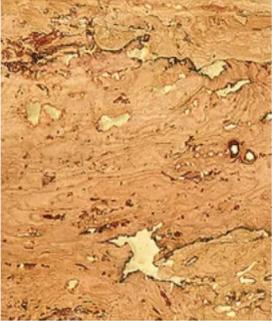
- FOCAL POINTS
- VERTICAL CIRCULATION



Overview of Interior Materials

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General Material Palette - Inspiration



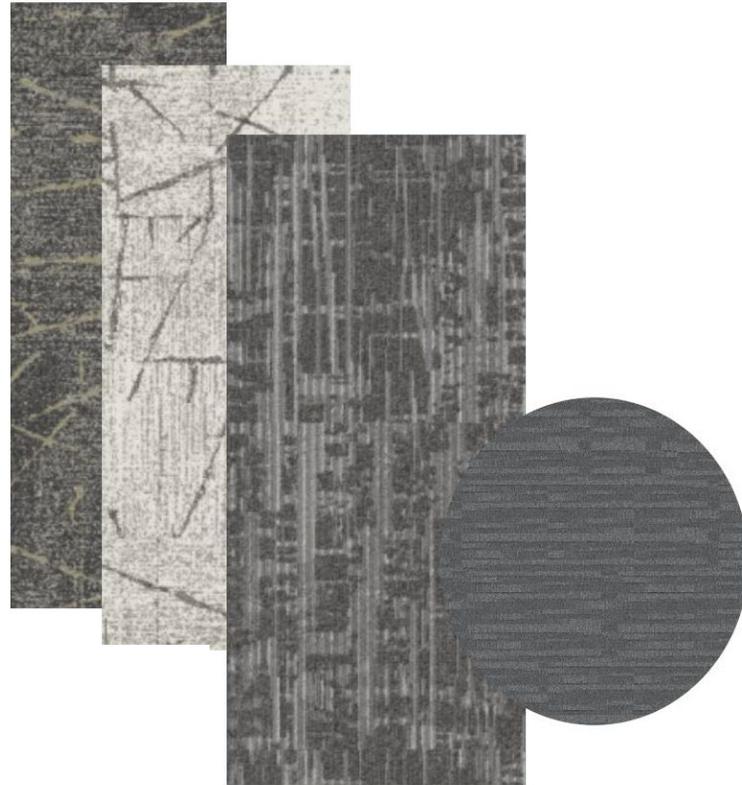
Interior Floor Finishes

LINOLEUM SHEET FLOORING



Classrooms & Corridors

CARPET TILE & BROADLOOM



Offices, Auditorium & Collaboration Spaces

SEALED CONCRETE



EPOXY



PORCELAIN TILE



Art, Science, Maker Rooms, Locker Rooms, Bathrooms & Culinary

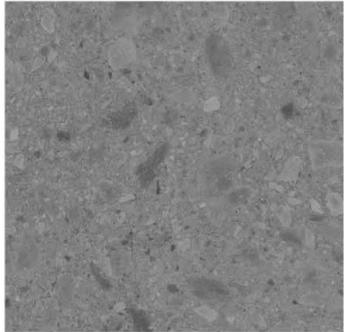
Spartan Place

Perkins&Will

Interior Wall & Ceiling Finishes

WALLS

LINOLEUM



PAINT

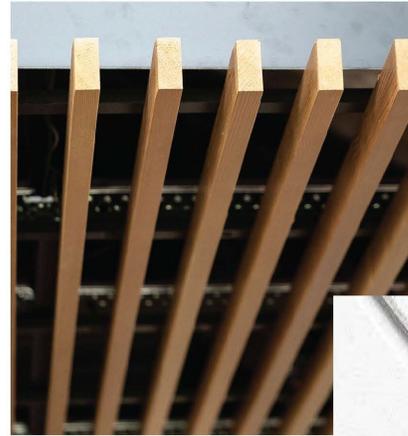


GLAZED TILE



CEILING

CELLING WOOD GRILL



DRYWALL CEILING



ACOUSTIC CEILING

Spartan Place,
Academic Corridors

Accent Paint

Kitchen, Culinary,
PreK & Restrooms

Spartan Place, Academic Corridors,
Classrooms & Offices

Interior Views

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Interior Views

Level 1 Spartan Place

- Reduced wood ceiling by 3,000 sf
- Simplified structure throughout



Interior Views

Level 2 Media Bridge

- Simplified wood ceiling geometry
- Railing system provides privacy
- Omitted glass railing



Perkins&Will

Interior Views

Level 2 Classroom Collaboration Space

- Reduced gym glazing
- Economical recessed lighting
- Simplified railings



Perkins&Will

Interior Views

Level 2 Maker Space & Collaboration Space

- Daylight deep into building
- Student work on display
- Destination for collaboration



Perkins&Will

AUDITORIUM DESIGN

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Auditorium Design Development

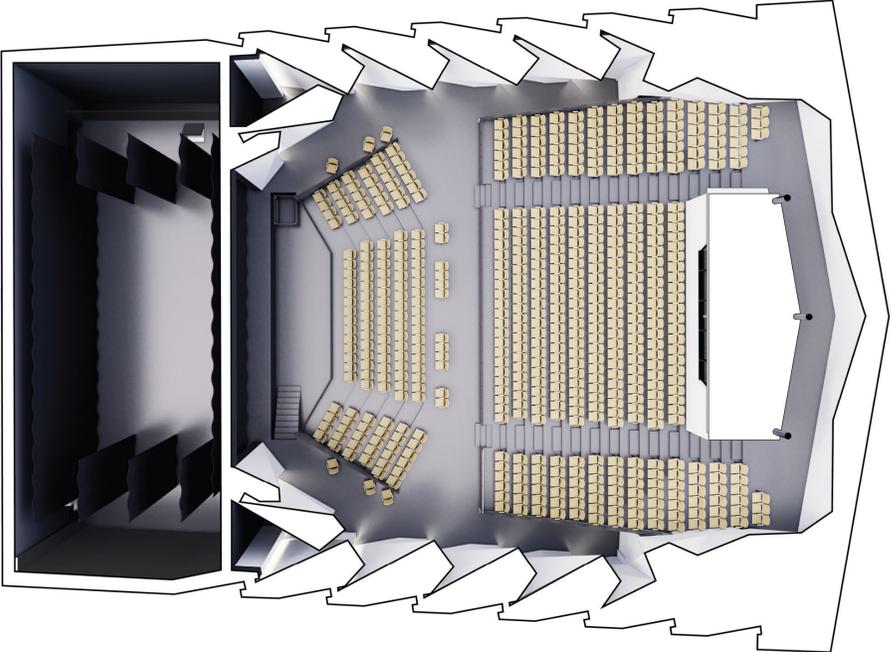
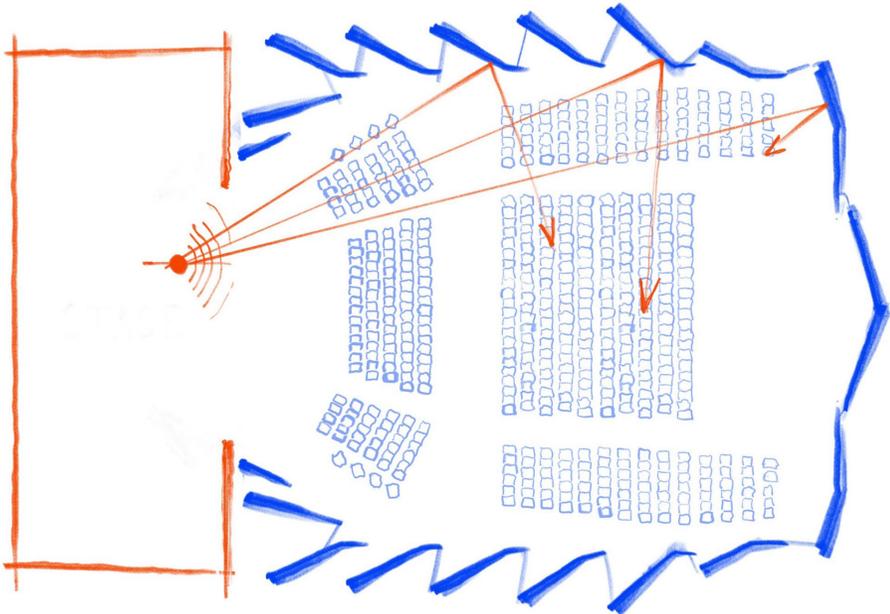


Drama of the natural world



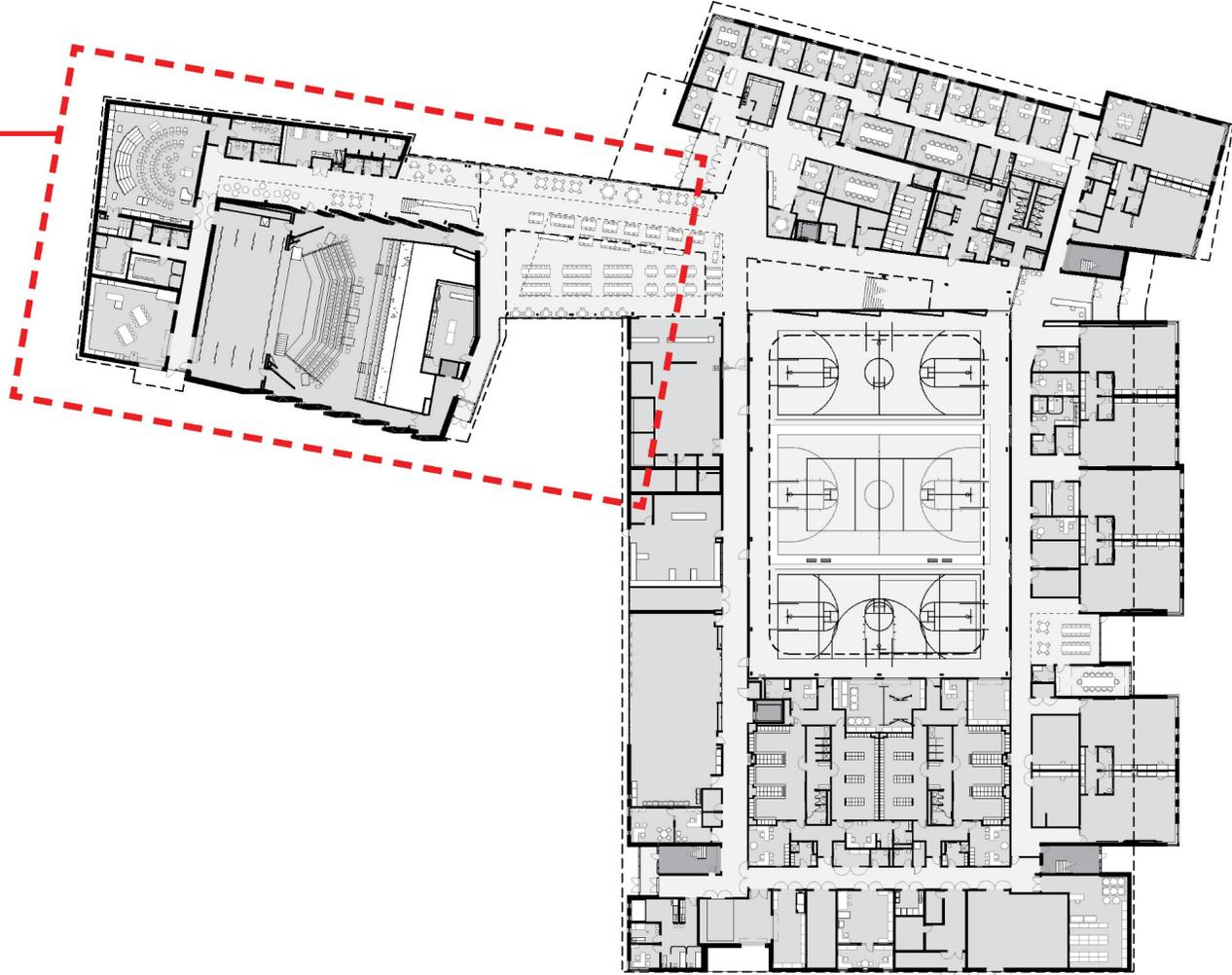
Shaped for acoustics, carved from stone

Auditorium Design Development



Level 1 Plan

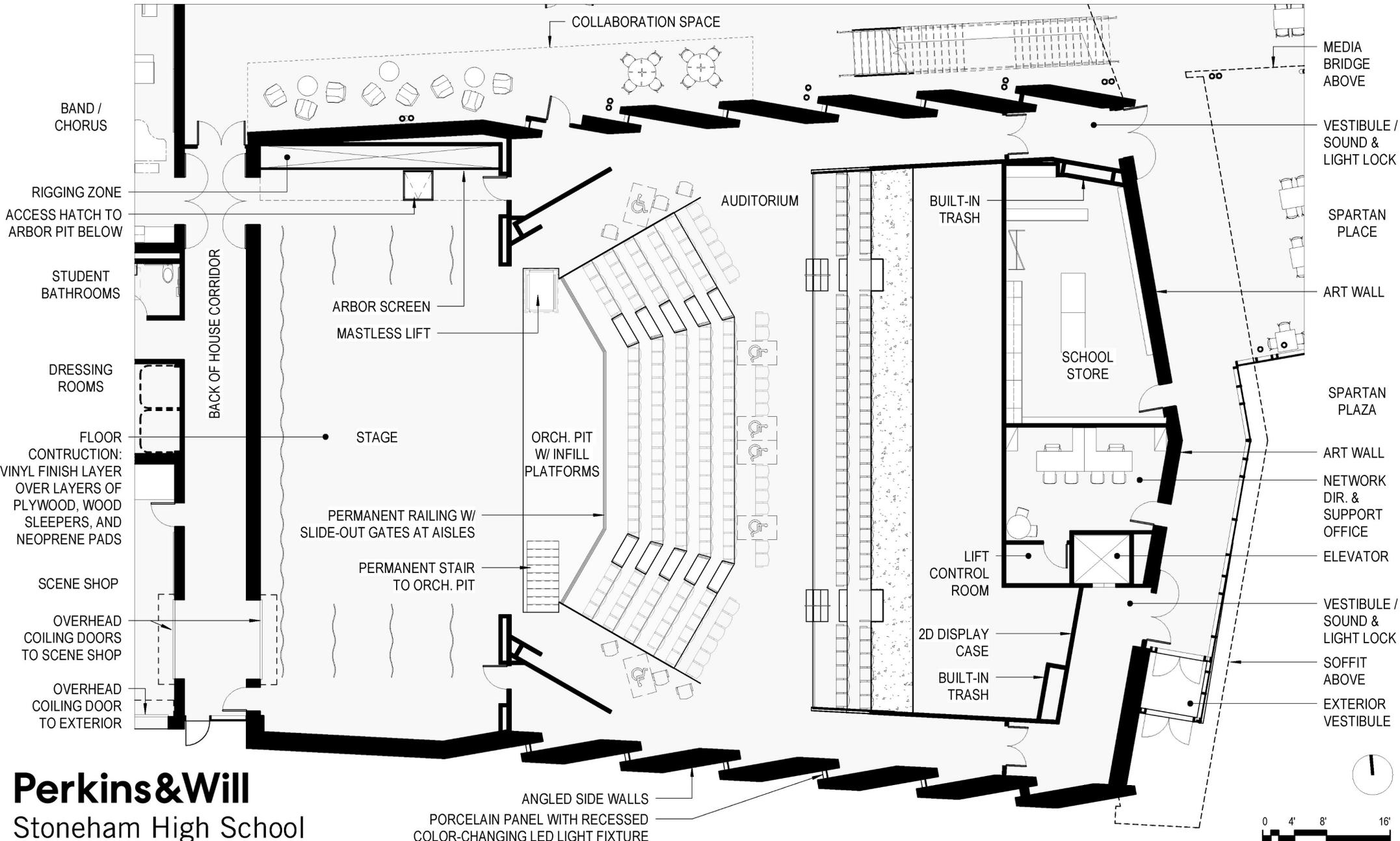
DRAMA & MUSIC WING



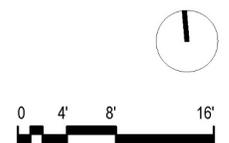
AUDITORIUM - LEVEL 1

MUSIC PRACTICE ROOMS

COSTUME ROOM



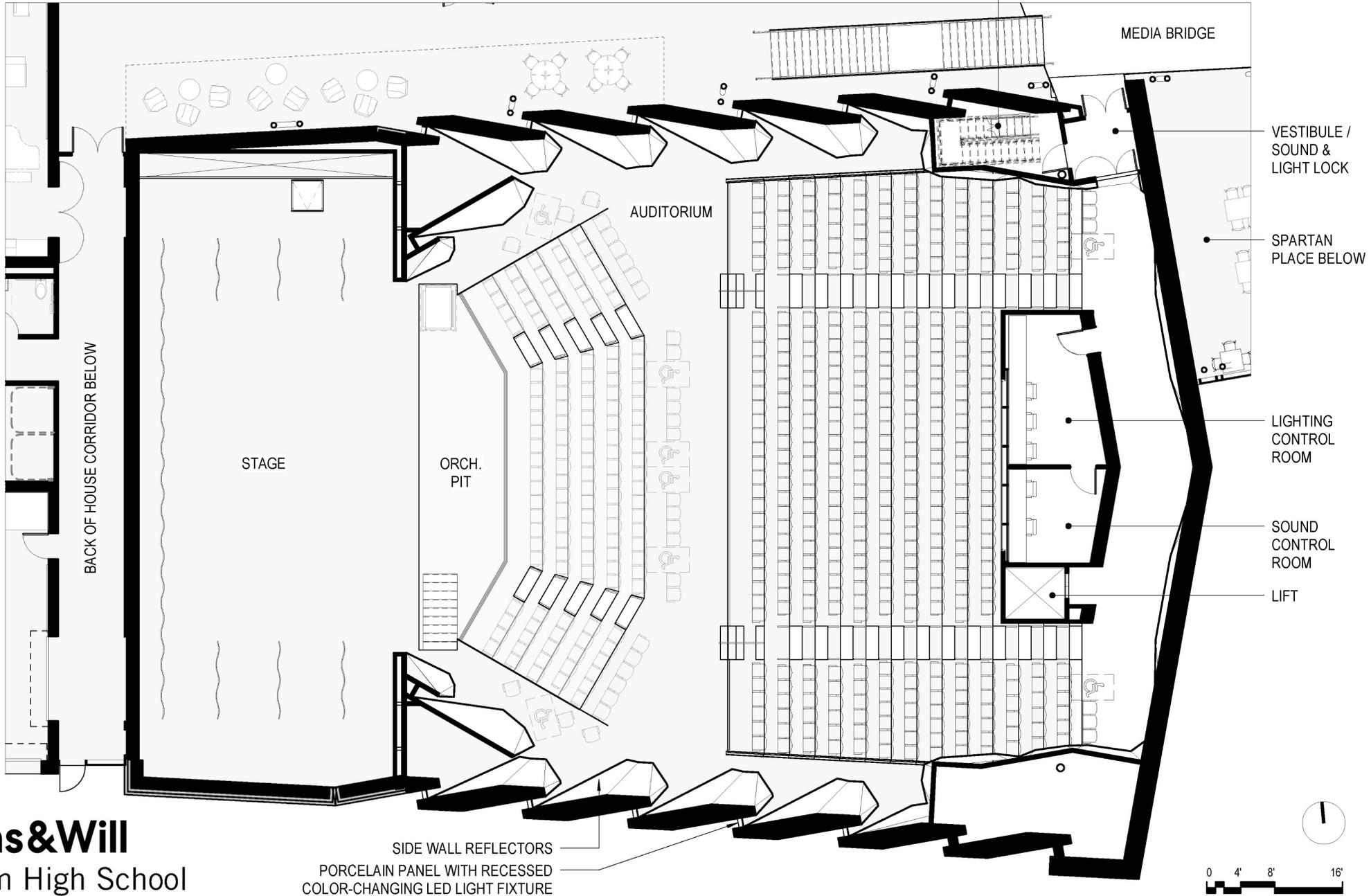
Perkins&Will
Stoneham High School



AUDITORIUM - LEVEL 2

BACK OF HOUSE ROOMS BELOW ON LEVEL 1

BACK OF HOUSE CORRIDOR BELOW



STAIR TO CATWALK LEVEL

MEDIA BRIDGE

VESTIBULE /
SOUND &
LIGHT LOCK

SPARTAN
PLACE BELOW

LIGHTING
CONTROL
ROOM

SOUND
CONTROL
ROOM

LIFT

AUDITORIUM

STAGE

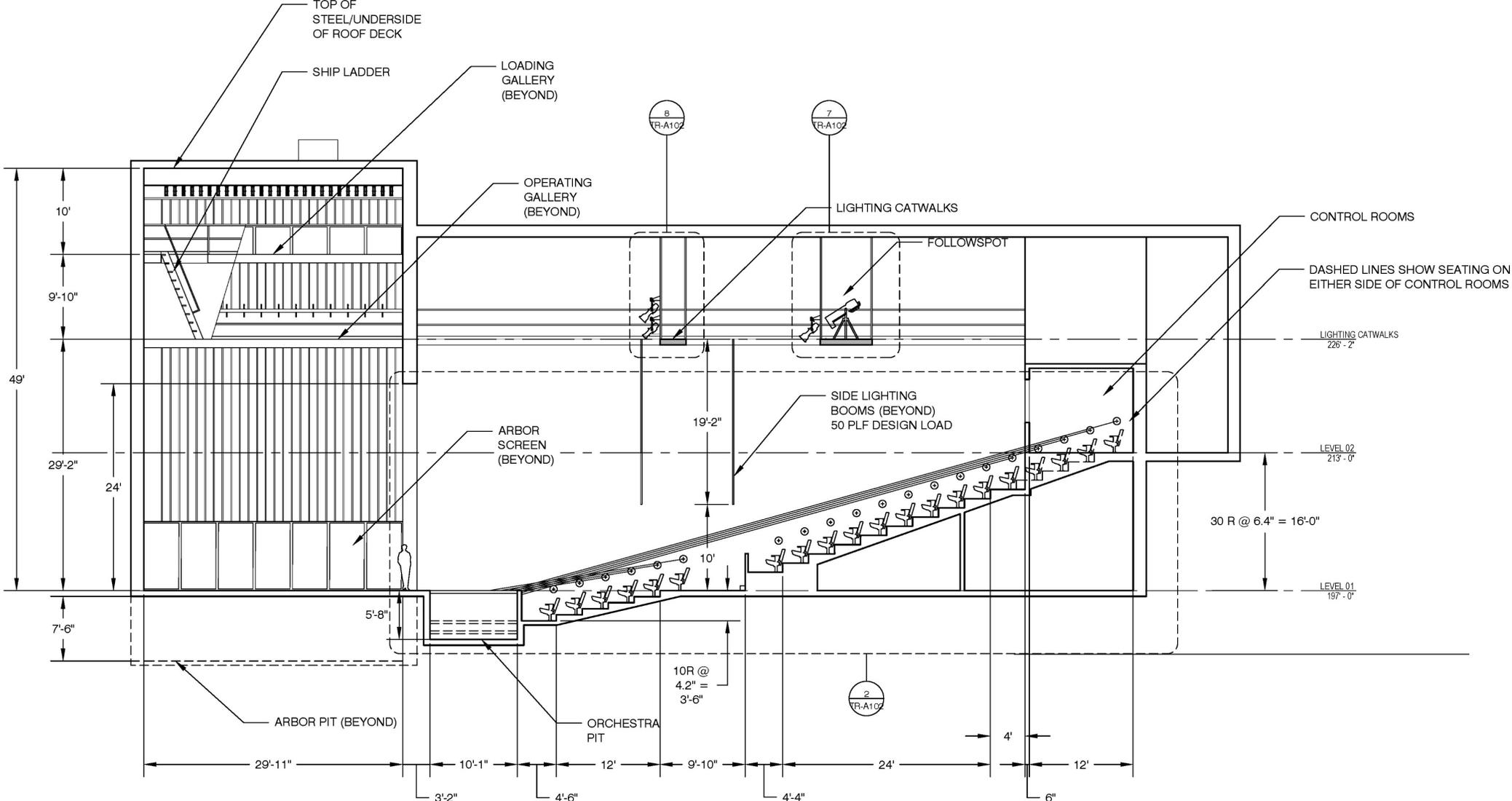
ORCH.
PIT

SIDE WALL REFLECTORS

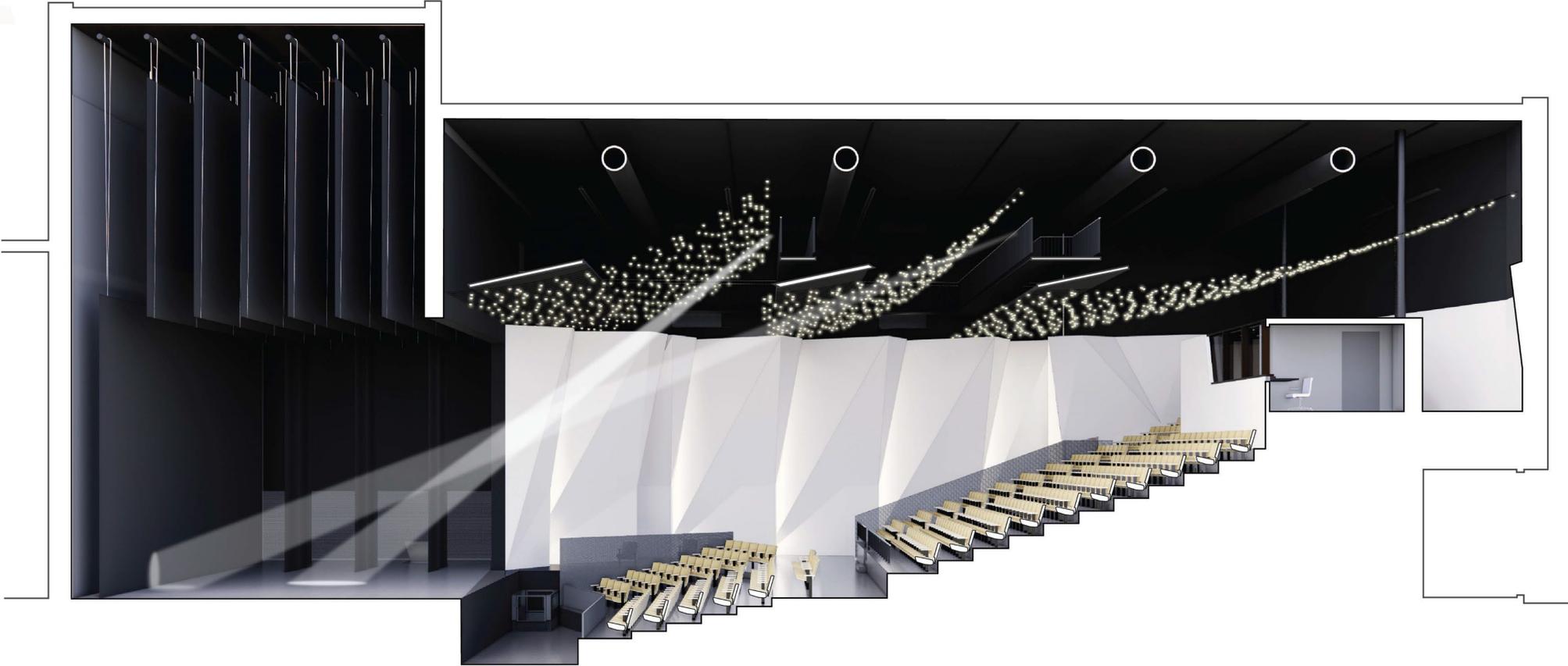
PORCELAIN PANEL WITH RECESSED
COLOR-CHANGING LED LIGHT FIXTURE



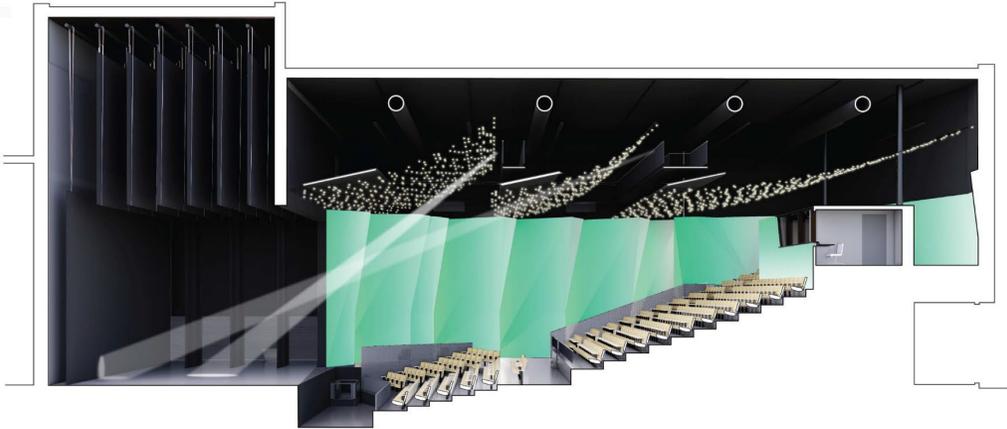
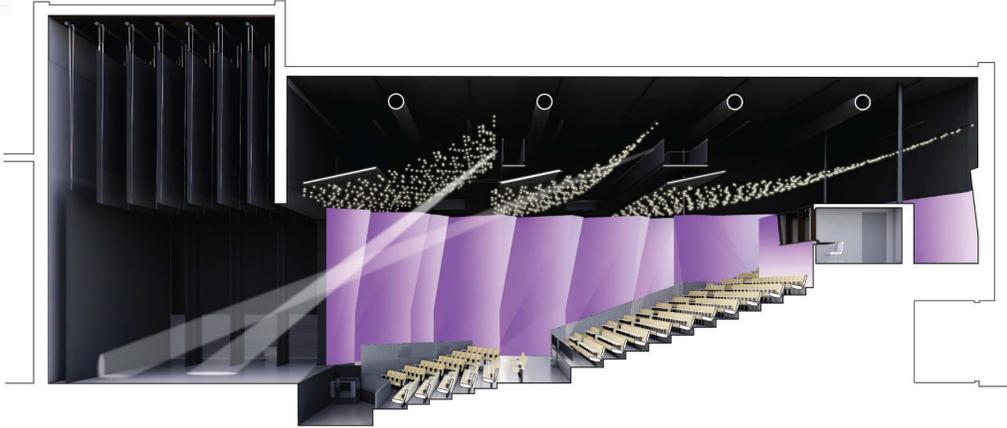
Auditorium Centerline Section



Auditorium Section Perspective



Auditorium Section Perspective: Color-Changing Lights



Auditorium Lighting Strategy Precedents



MODEL WALK-THROUGH

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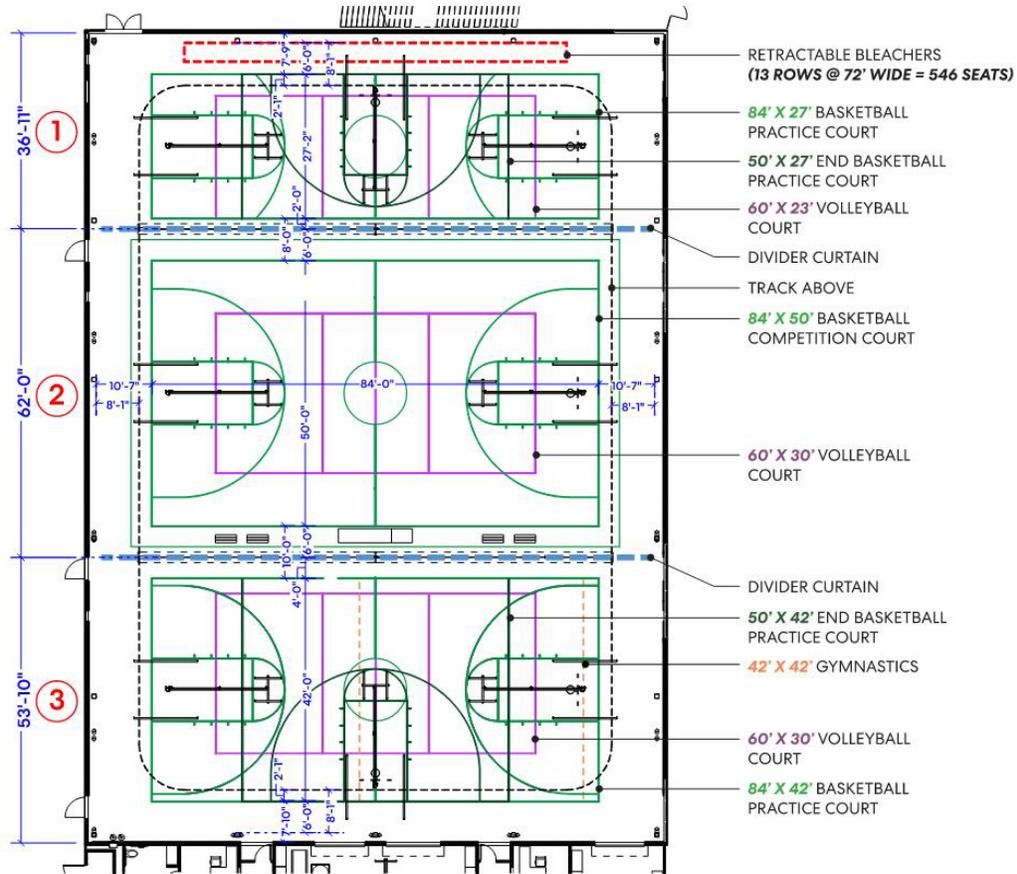
PROGRAMMING UPDATES

Building Committee Meeting

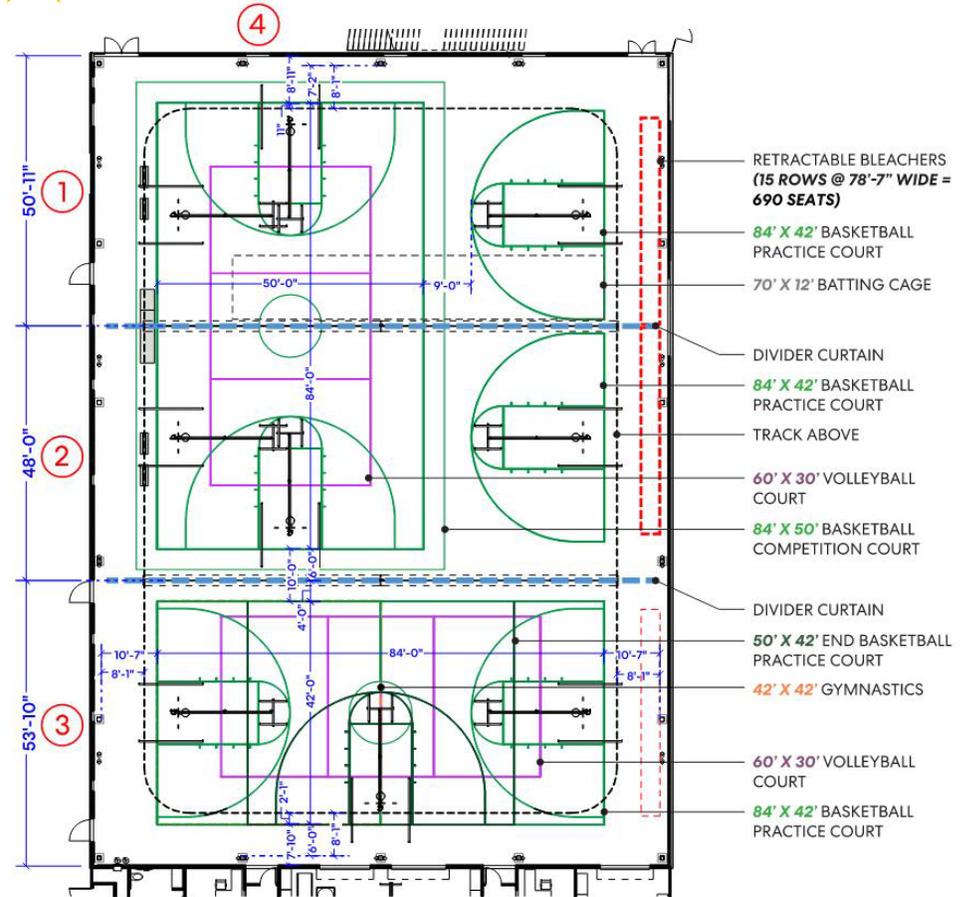
Programming Updates

Gymnasium Layout

LAYOUT A



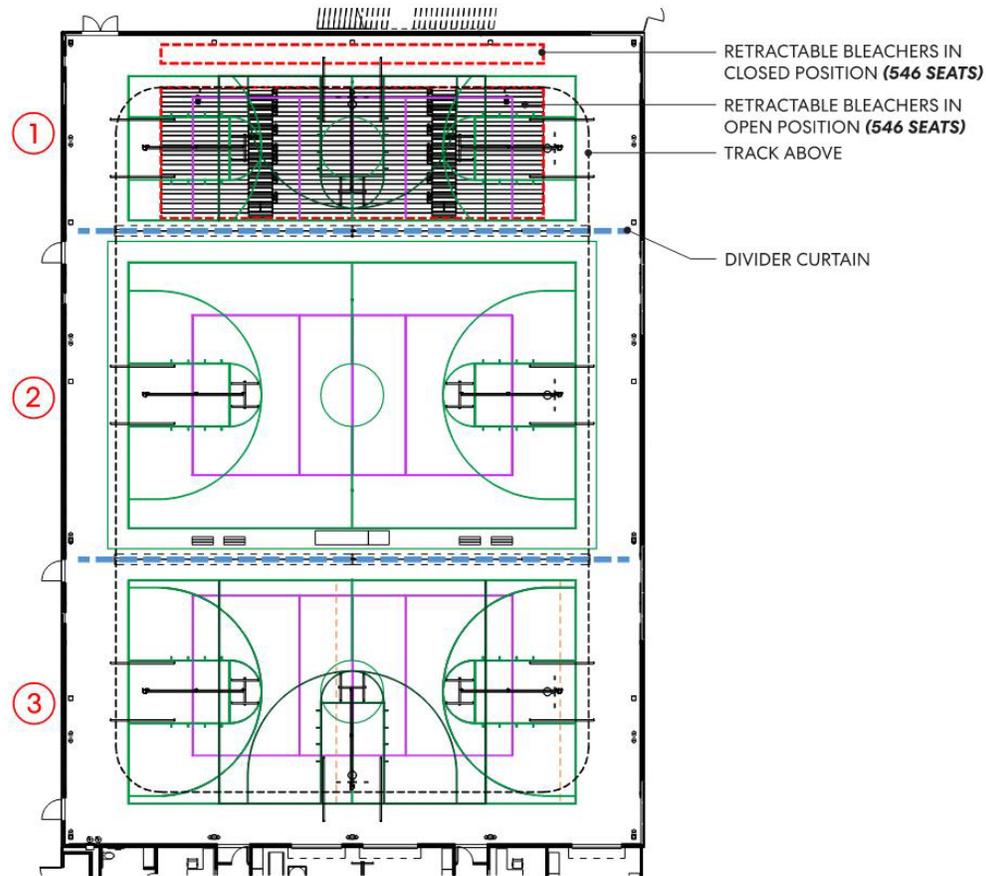
★ LAYOUT B



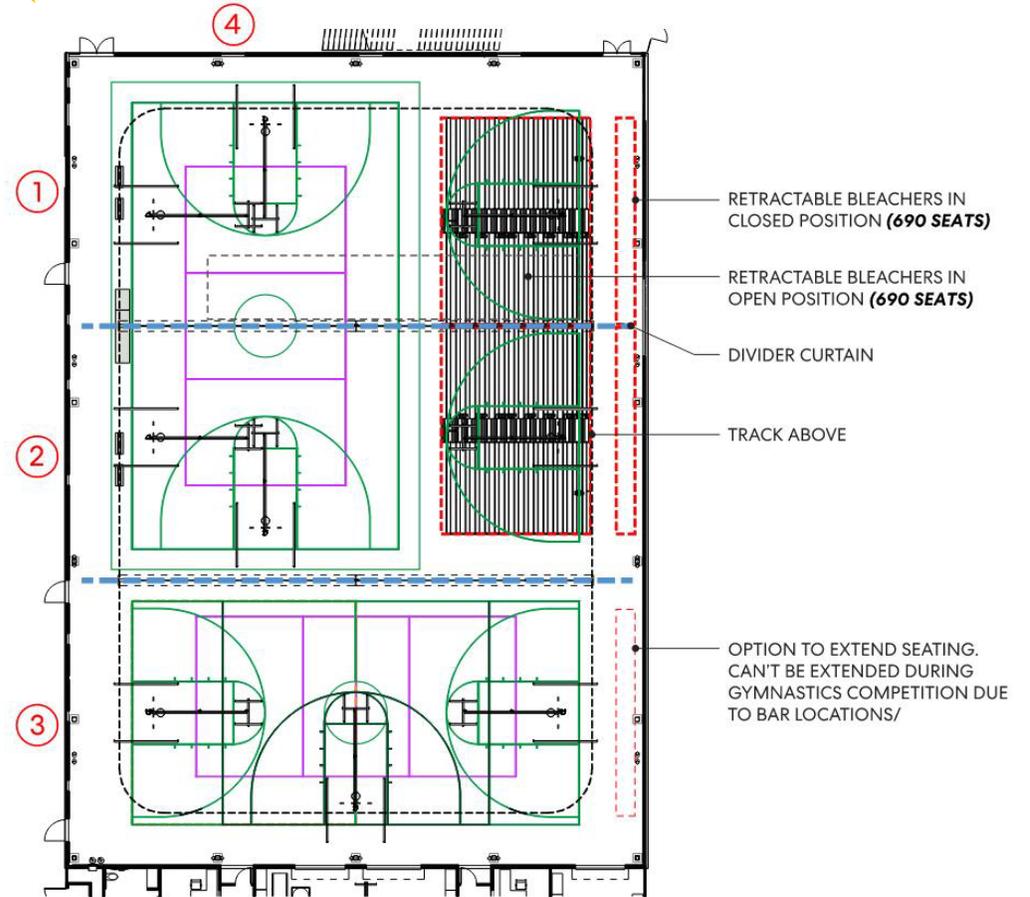
Programming Updates

Gymnasium Layout - Bleachers

LAYOUT A



★ LAYOUT B



Programming Updates

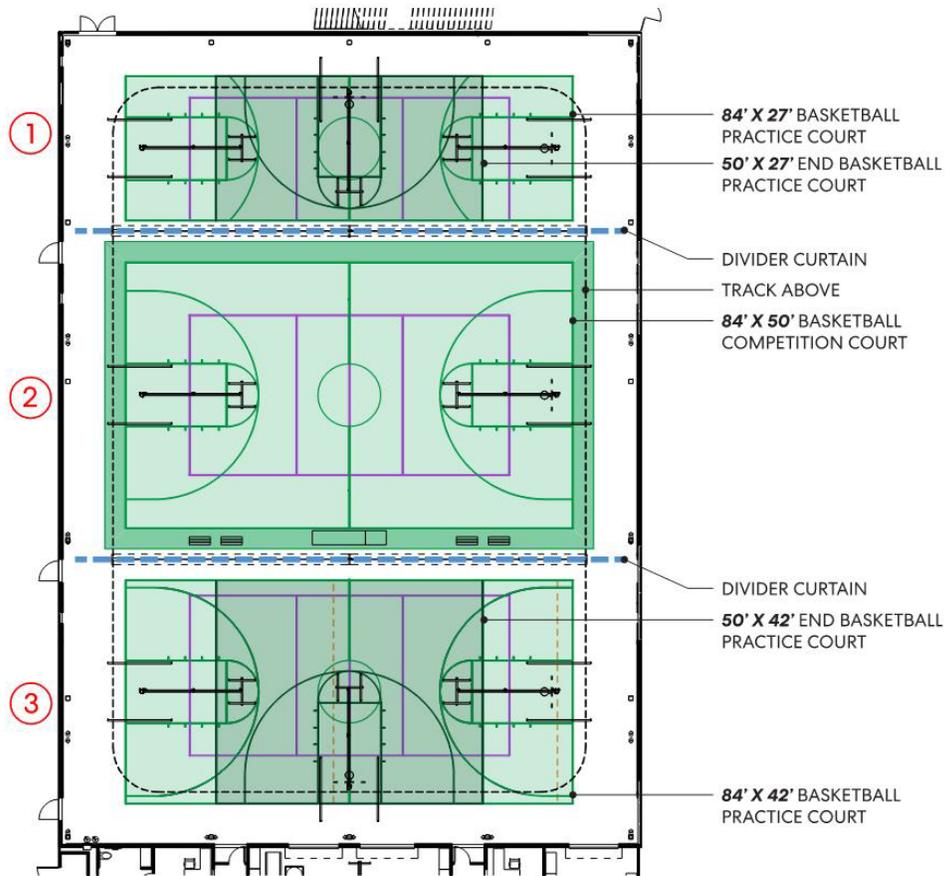
Gymnasium Layout - Bleachers



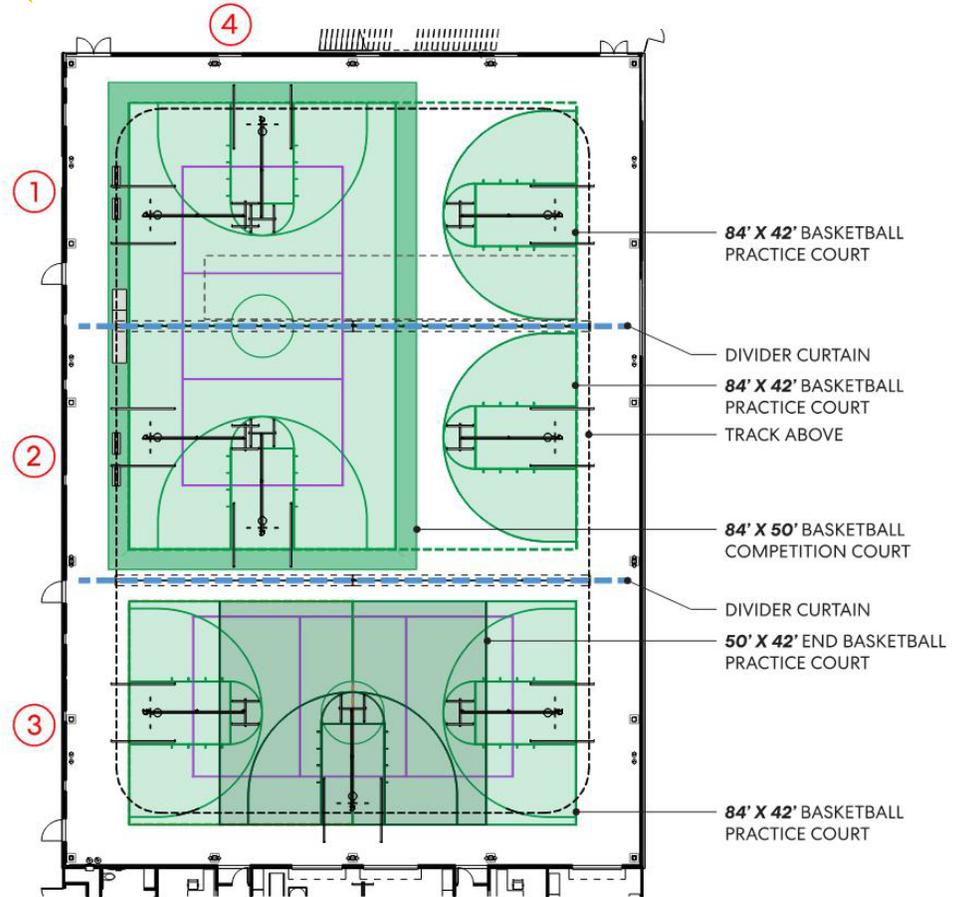
Programming Updates

Gymnasium Layout – Basketball Courts

LAYOUT A



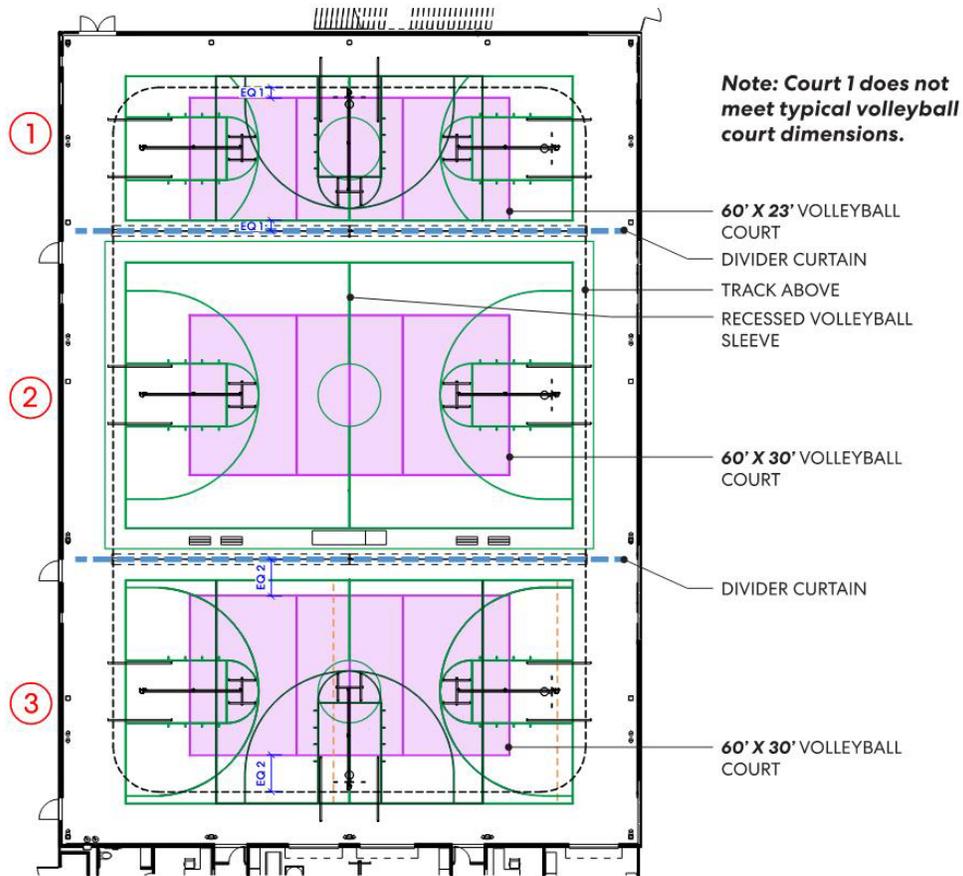
★ LAYOUT B



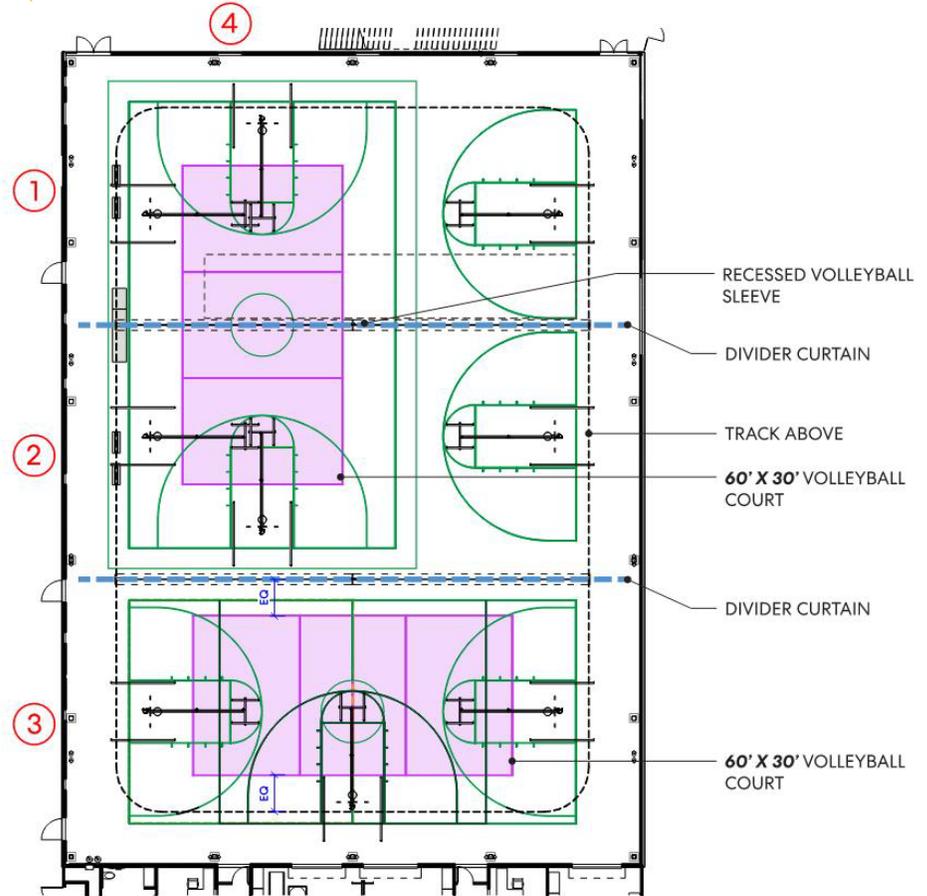
Programming Updates

Gymnasium Layout – Volleyball Courts

LAYOUT A



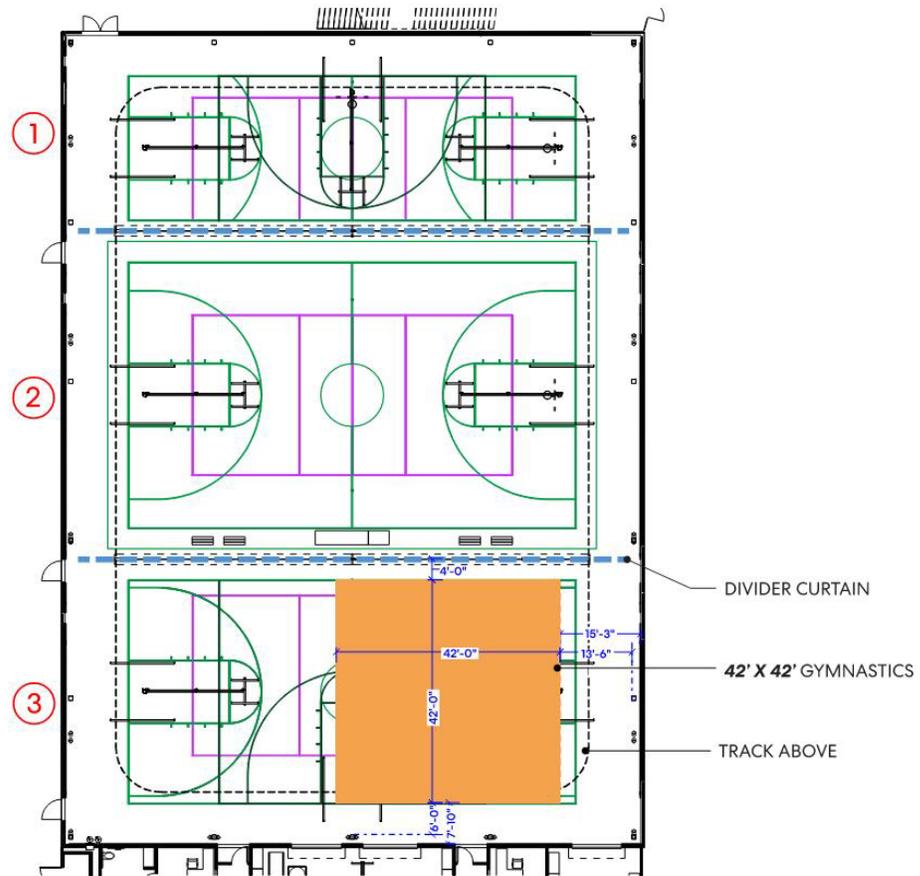
★ LAYOUT B



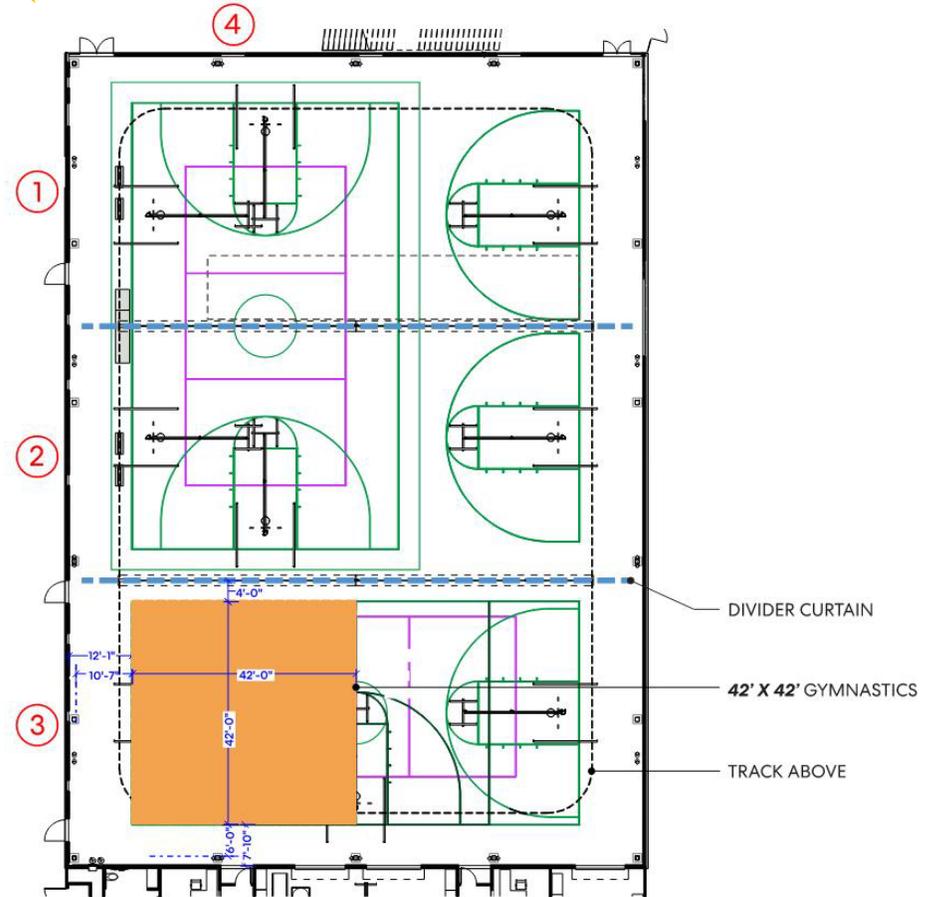
Programming Updates

Gymnasium Layout - Gymnastics

LAYOUT A



★ LAYOUT B



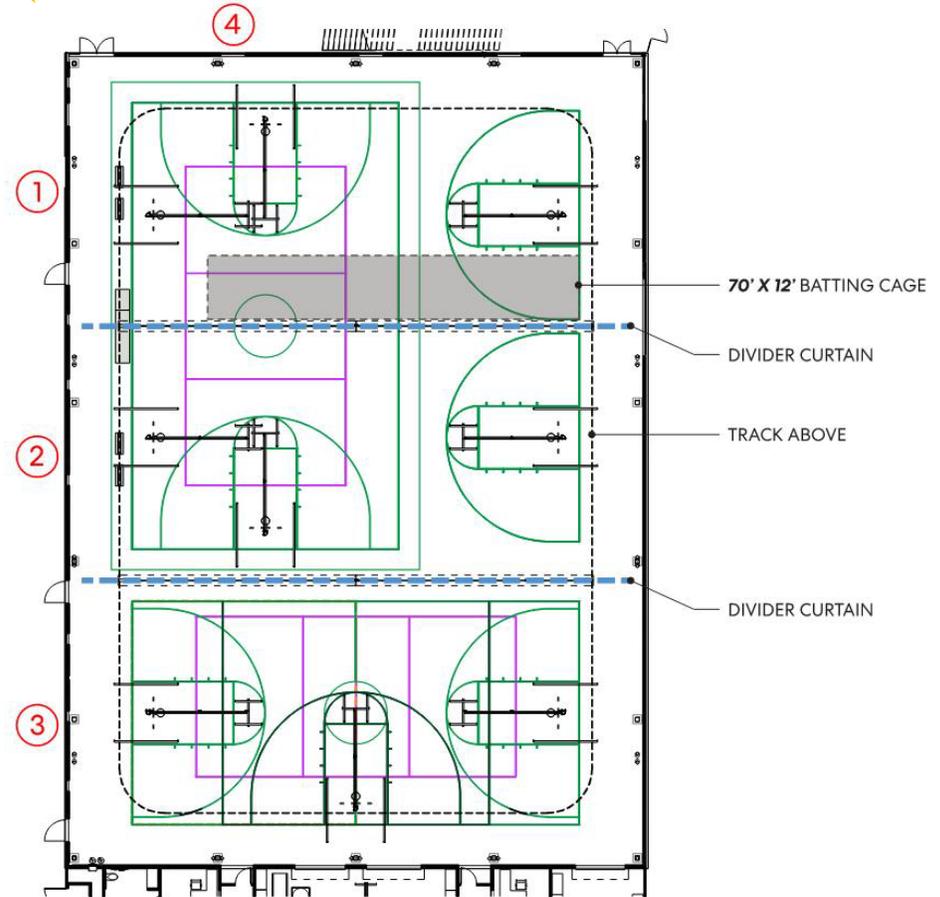
Programming Updates

Gymnasium Layout – Batting Cage

LAYOUT A

Ceiling-mounted batting cage cannot be accommodated in layout A due to limited space within ceiling structure.

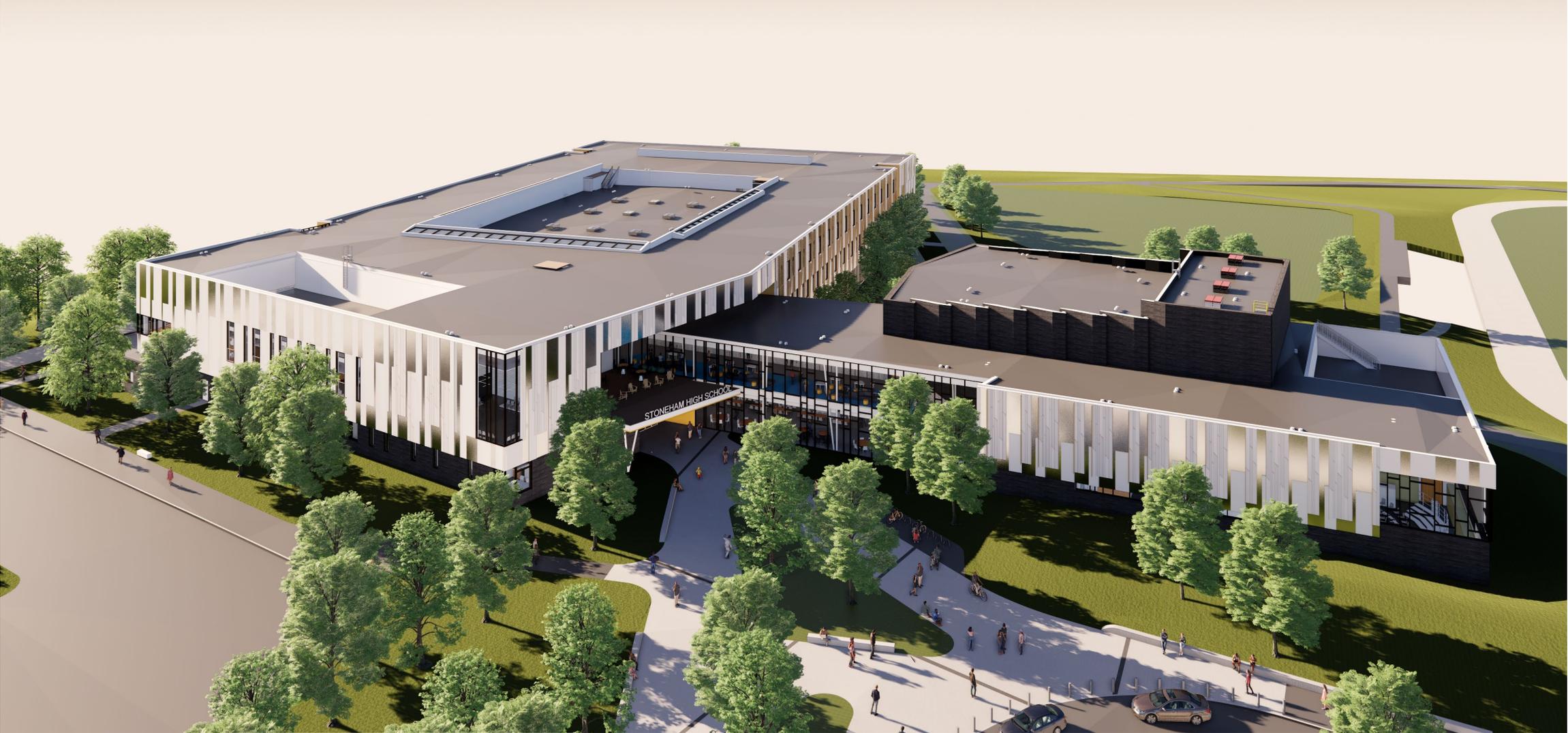
★ LAYOUT B



EXTERIOR DESIGN UPDATE

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Exterior Design – Aerial View



Perkins&Will

Exterior Design - Entry

Simplified Canopy
Design



Perkins&Will

Exterior Design – Pre-K

Consistent
Datum Line

Simplified Pre-K
Roofline



Perkins&Will

Exterior Design – East Elevation Detail

Reduced Window Height
From 8' to 7'-6"

Simplified Sunshade
Removed bend

Simplified Panel Depths





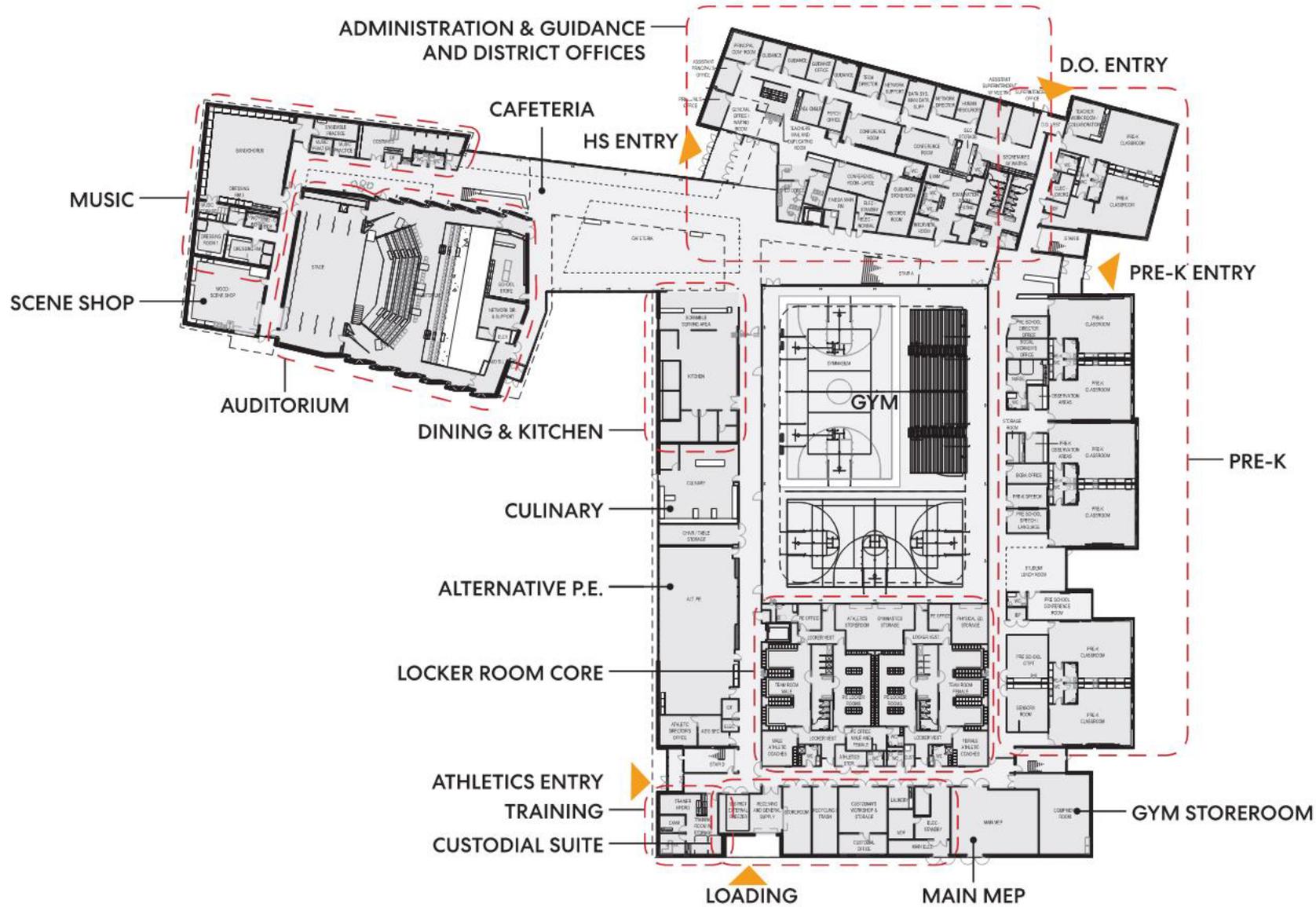
THANK YOU!

Appendix

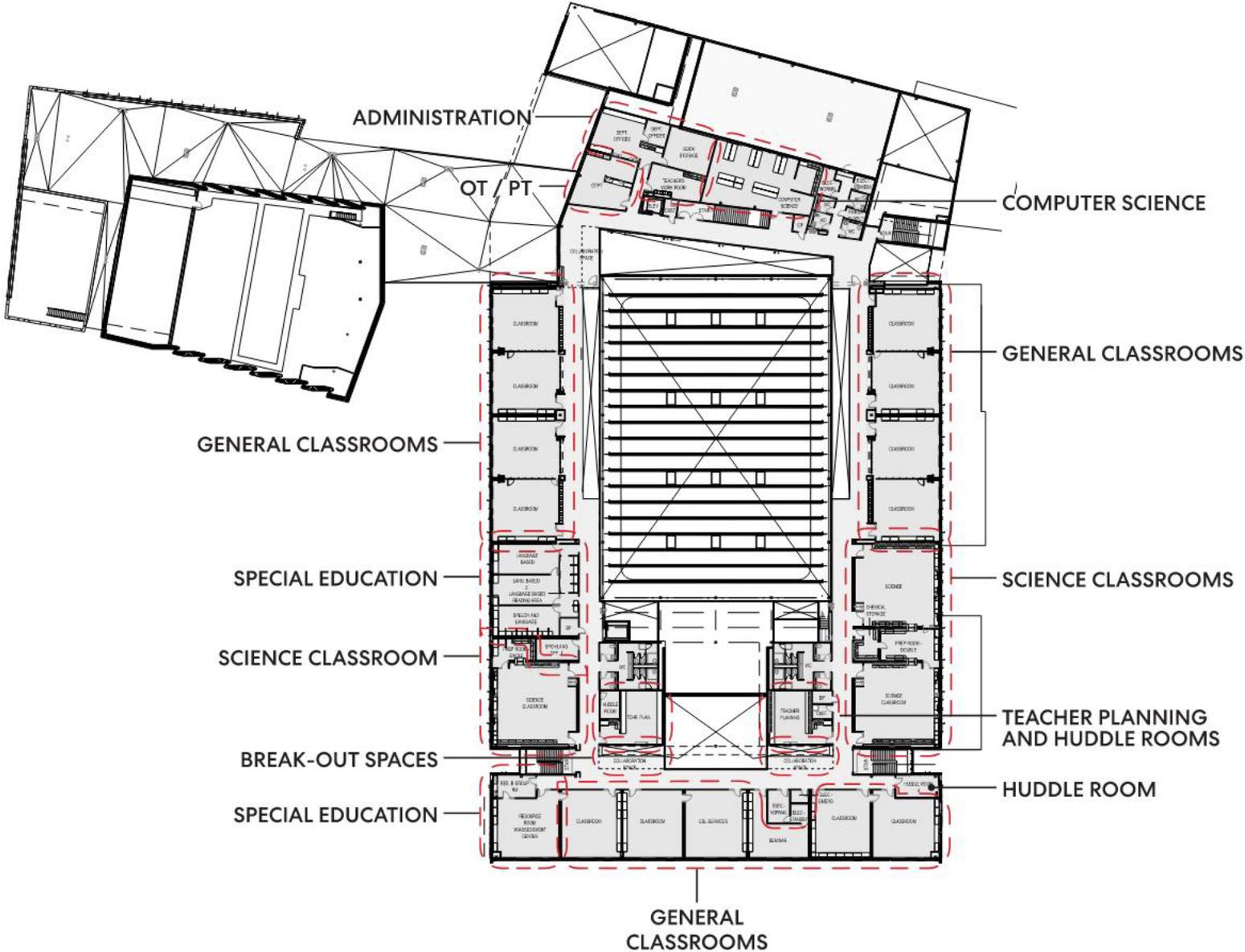
(To be reviewed with Interior Subcommittee)

Building Committee Meeting

LEVEL 01 - REFERENCE PLAN

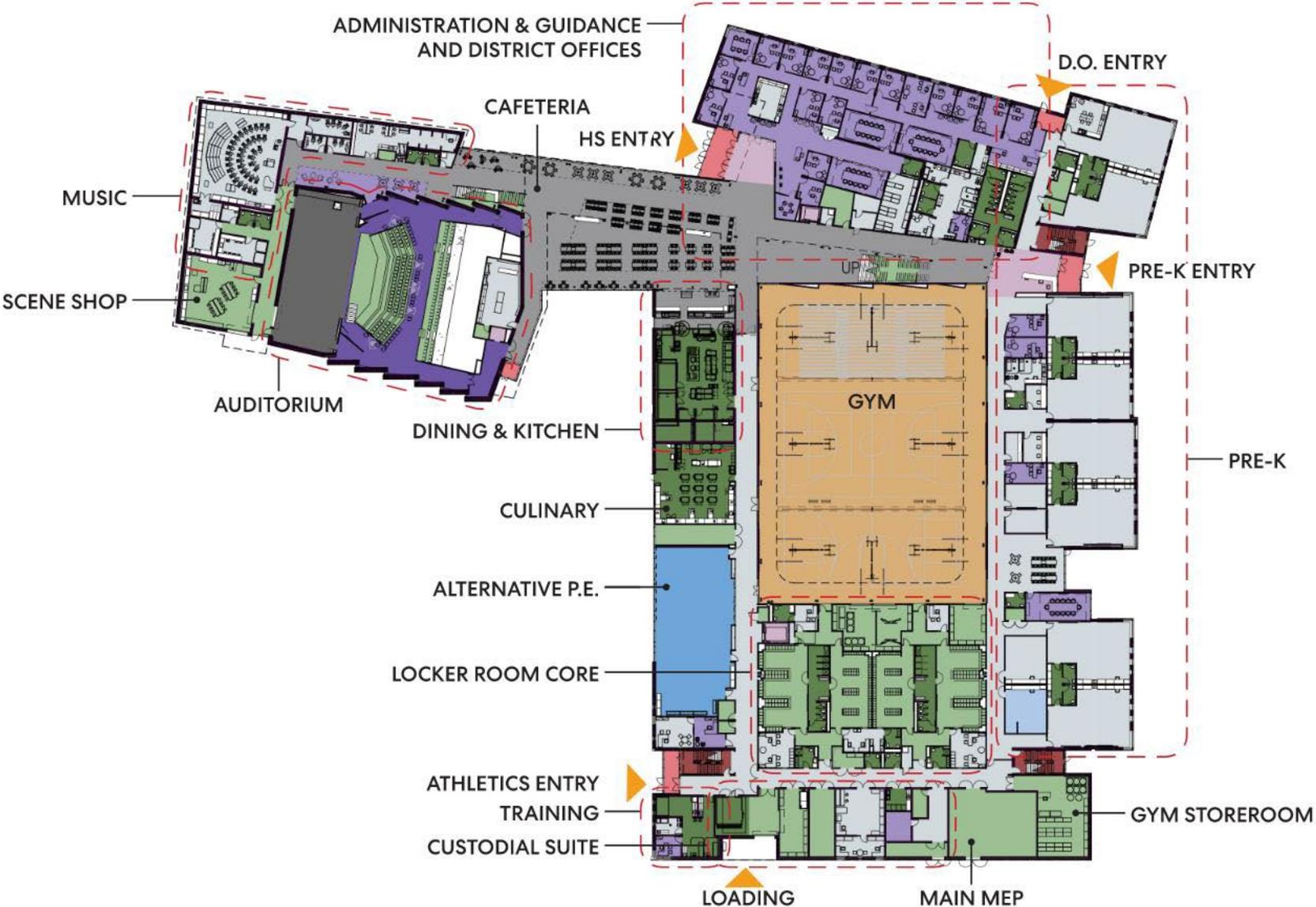


LEVEL 03 - REFERENCE PLAN



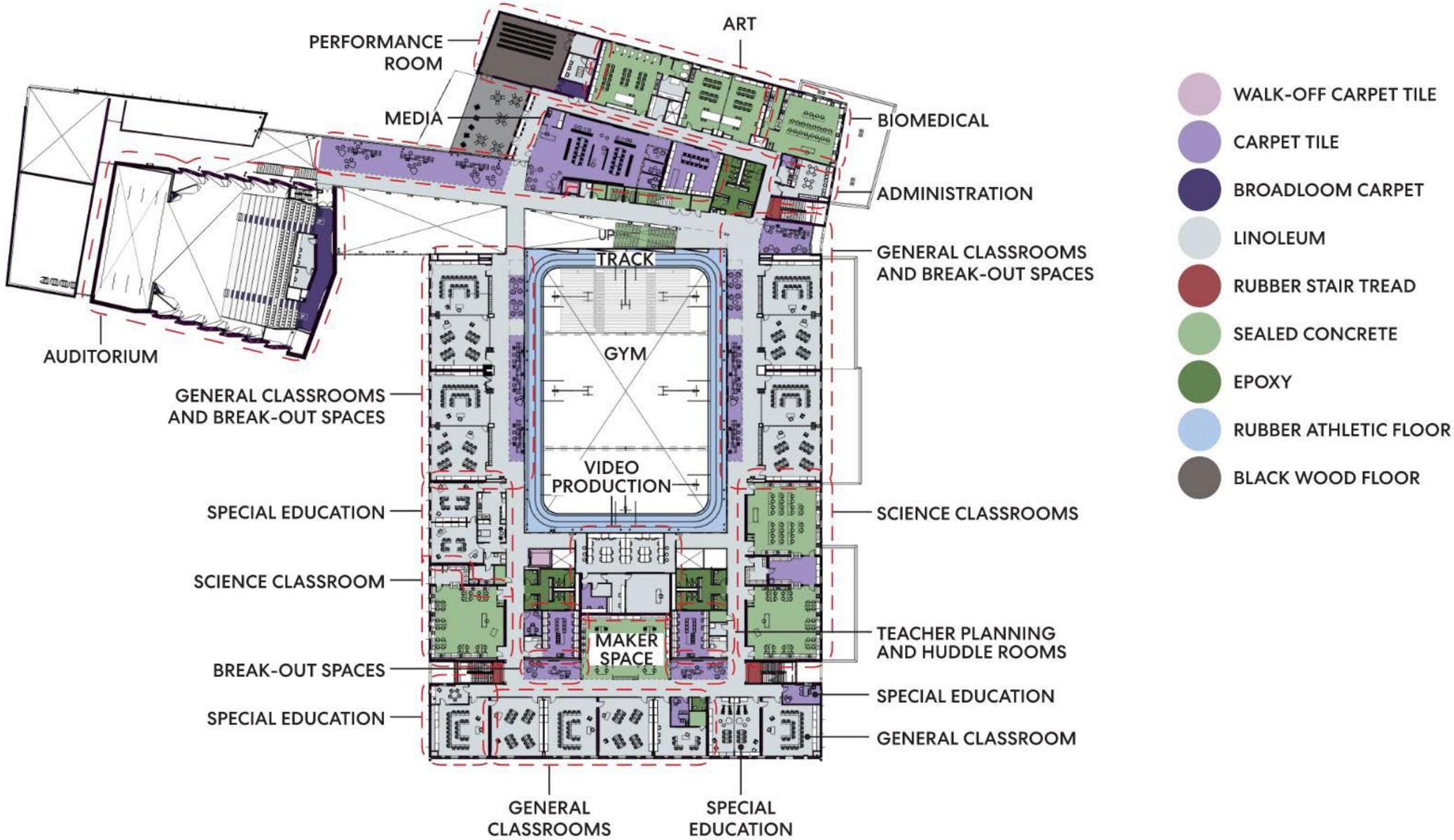
LEVEL 01 - FLOOR FINISH DIAGRAM

LEGEND NOT REPRESENTATIVE OF COLOR. DIAGRAM DEPICTING MATERIAL TYPE ONLY.



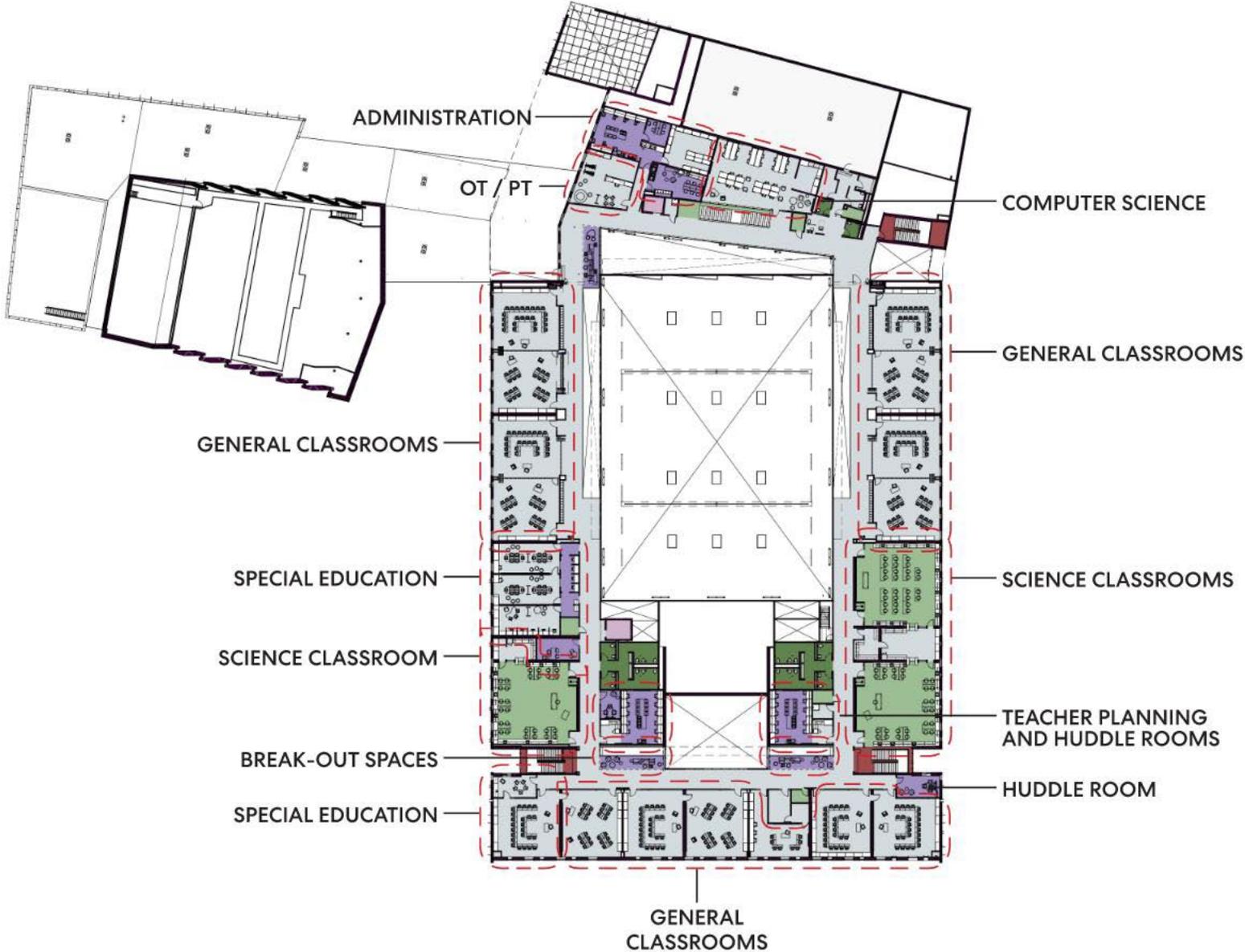
LEVEL 02 - FLOOR FINISH DIAGRAM

LEGEND NOT REPRESENTATIVE OF COLOR. DIAGRAM DEPICTING MATERIAL TYPE ONLY.



LEVEL 03 - FLOOR FINISH DIAGRAM

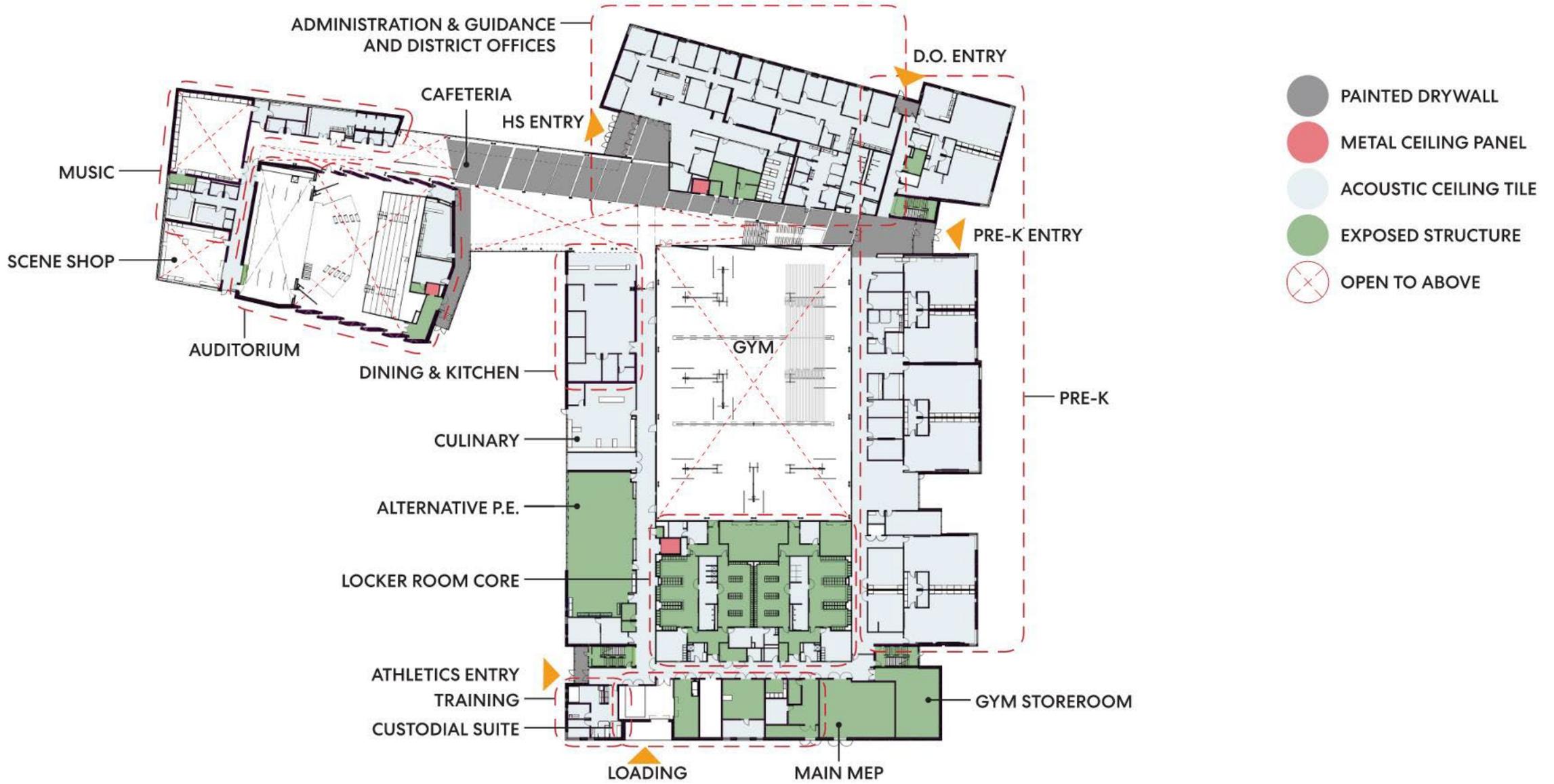
LEGEND NOT REPRESENTATIVE OF COLOR. DIAGRAM DEPICTING MATERIAL TYPE ONLY.



- WALK-OFF CARPET TILE
- CARPET TILE
- LINOLEUM
- RUBBER STAIR TREAD
- SEALED CONCRETE
- EPOXY

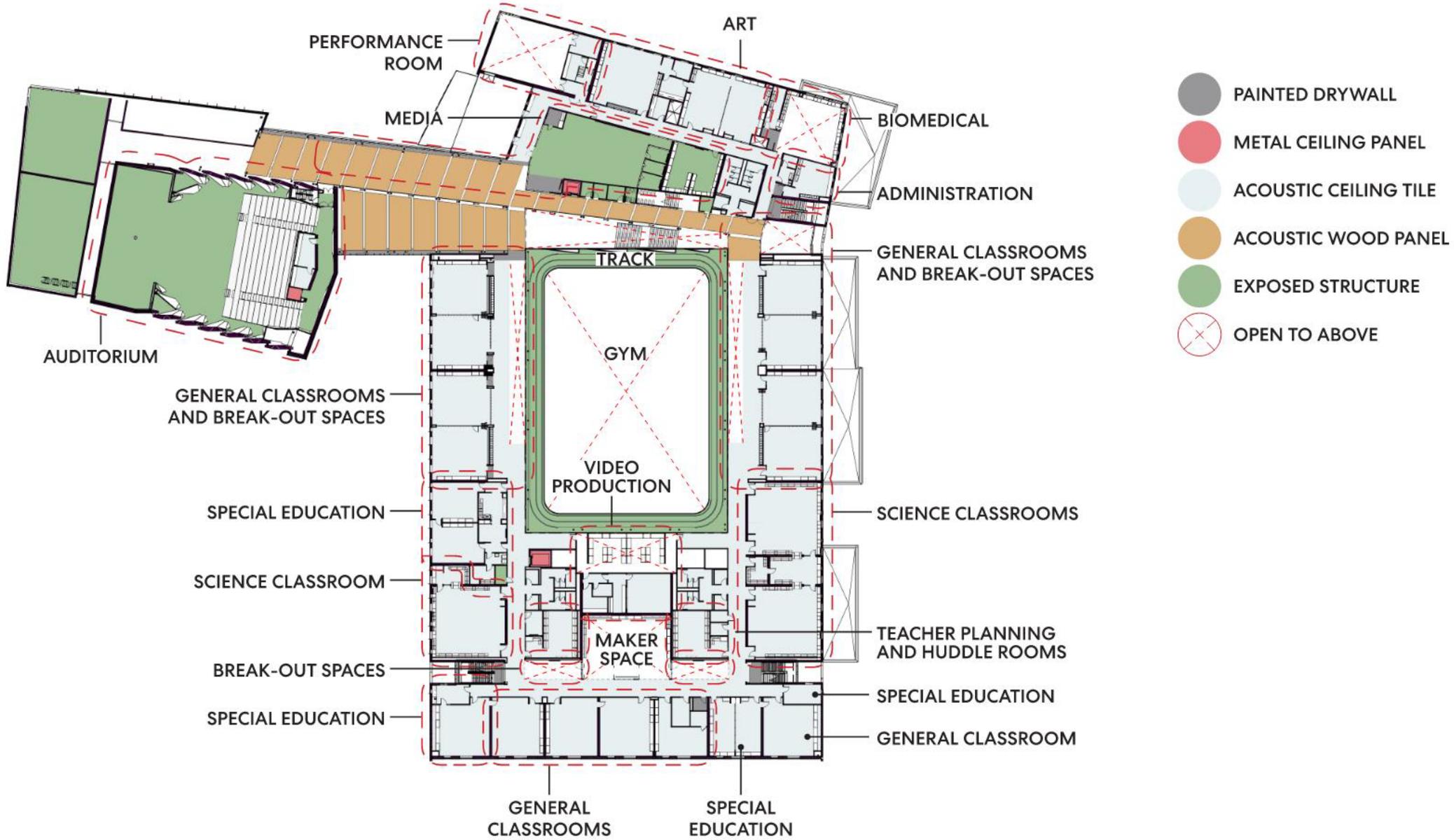
LEVEL 01 - CEILING FINISH DIAGRAM

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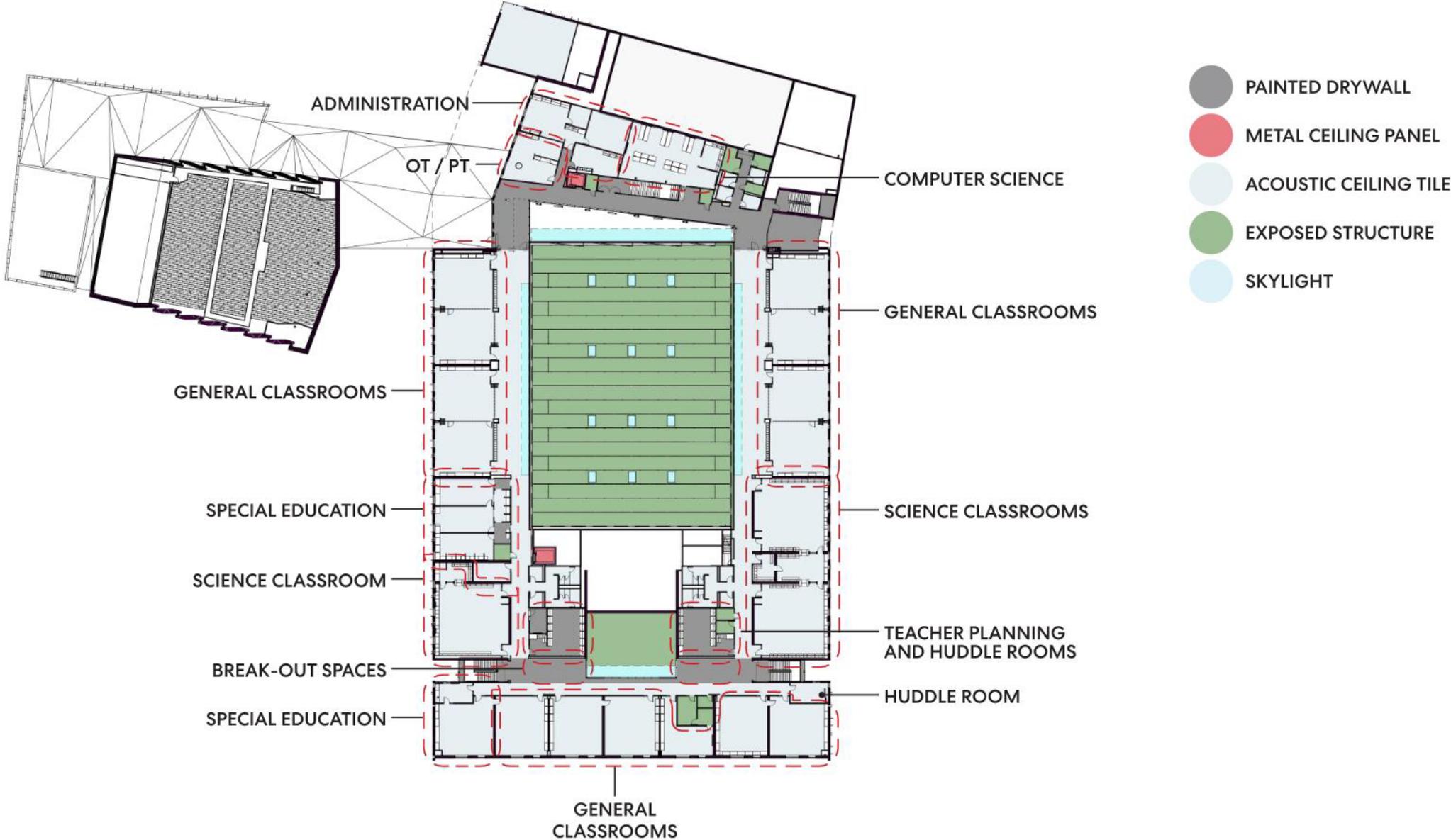
LEVEL 02 - CEILING FINISH DIAGRAM

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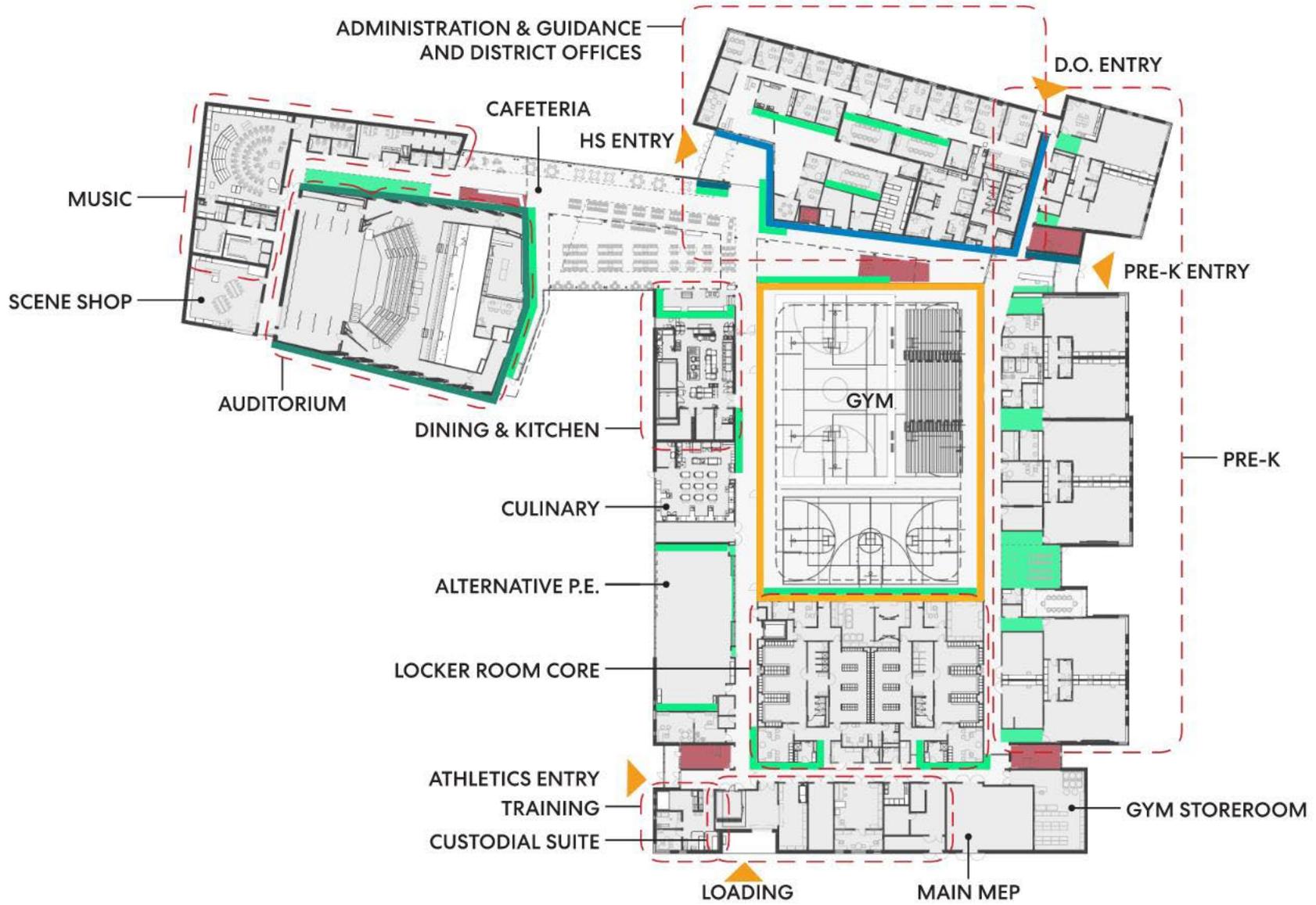
LEVEL 03 - CEILING FINISH DIAGRAM

LEGEND NOT REPRESENTATIVE OF COLOR. DIAGRAM DEPICTING MATERIAL TYPE ONLY.



LEVEL 01 - FLOOR PLAN DIAGRAM OF ACCENT AREAS

DIAGRAM DOES NOT REPRESENT ACTUAL COLOR.



INTERIOR MATERIALS TO MATCH IN TONE TO EXTERIOR BUILDING MATERIALS:

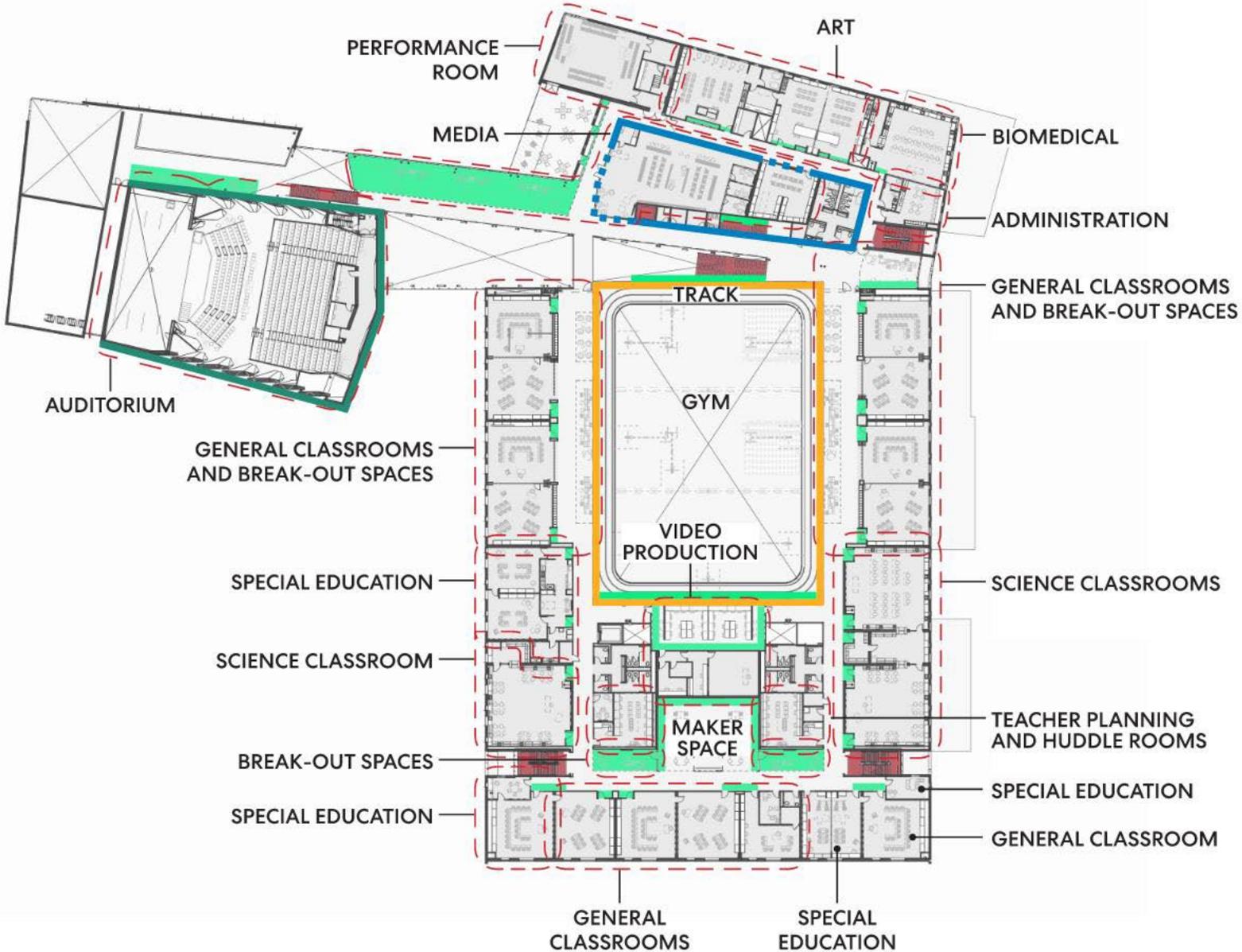
- CHARCOAL GRAY ACOUSTIC GROUND FACE BLOCK
- CHARCOAL GRAY PORCELAIN TILE
- WHITE, GRAY, AND BEIGE TONES

ACCENT AREAS:

- FOCAL POINTS
- VERTICAL CIRCULATION

LEVEL 02 - FLOOR PLAN DIAGRAM OF ACCENT AREAS

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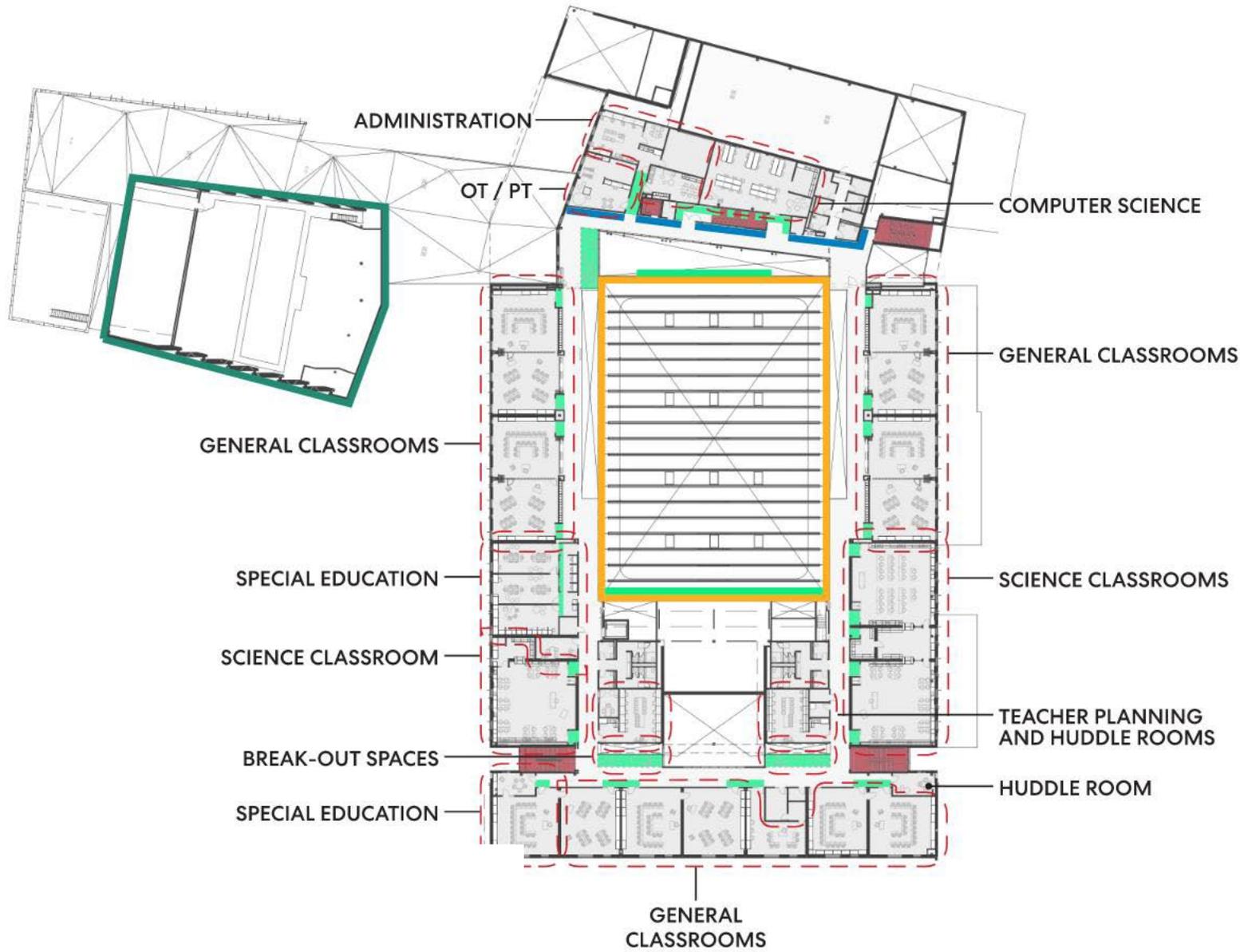
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