



E - 44

Hilltop Needmore Road Elementary School

SITE MASTER PLAN & SCHEMATIC DESIGN – Facilities Committee Meeting

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PROJECT VISION



PROJECT VALUES

+ IMMERSIVE LEARNING

- DIFFERENT SCALE LEARNING SPACES
- SENSORY SENSITIVE DESIGN
- LEARNING BEYOND THE CLASSROOM

+ CONNECTED NEIGHBORHOOD

- TRANSPARENCY AND VISUAL CONNECTION
- LEARNING COMMONS FOR EACH GRADE
- CONNECTION TO COMMUNITY

+ SITE RESPONSIVE

- ECOSYSTEM OF NC
- OUTDOOR CLASSROOMS
- DEMONSTRATIVE GARDENS
- INTERGATION OF SITE AND BUILDING

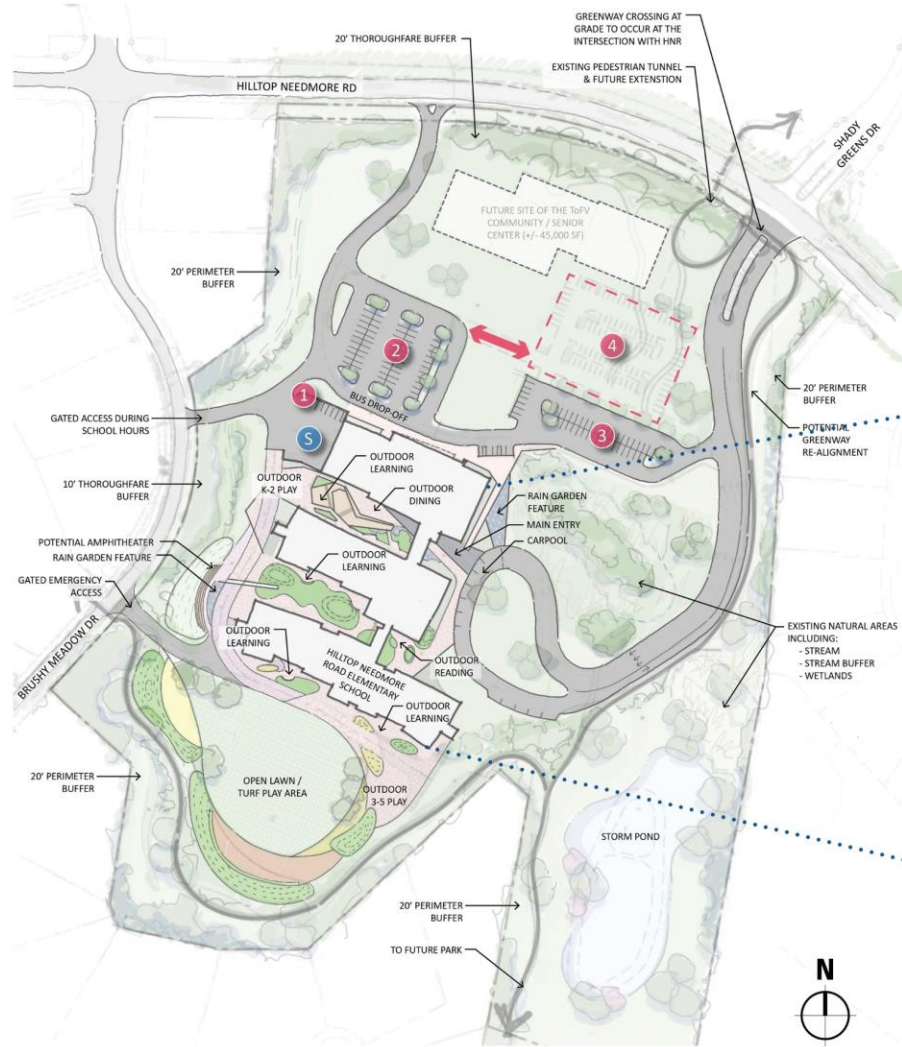
+ HIGH PERFORMANCE

- REDUCED ENERGY AND WATER REQUIREMENTS
- BUILDING AS LEARNING TOOL
- EFFICIENT PLACEMENT ON SITE

SITE VICINITY MAP



MASTER PLAN RECOMMENDATION



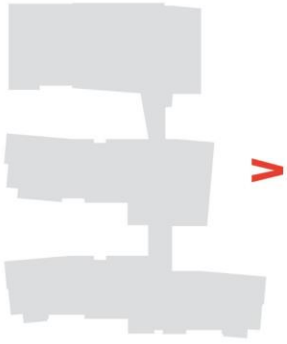
SITE SECURITY

- Enhanced sight lines of the building
- Visual security of the building and site
- Admin area strategically positioned for maximum visual control
- Supervision of public greenway and pedestrian tunnel
- Pedestrian tunnel discharges on Community center site
- Clear separation of traffic and parking areas
- Protected playground zones



- CLASSROOM WING
- LIBRARY MEDIA CENTER
- CHILD NUTRITION & PLAY
- ADMINISTRATION & STUDENT SUPPORT SERVICES
- - - MASTER PLAN OUTLINE
- GREENWAY PATH
- KEY SIGHT LINES

MAIN ENTRY VIEW



- Clearly defined entry
- Visual connections to courtyards beyond
- Massing serves as wayfinding - volumes of public spaces are prominent



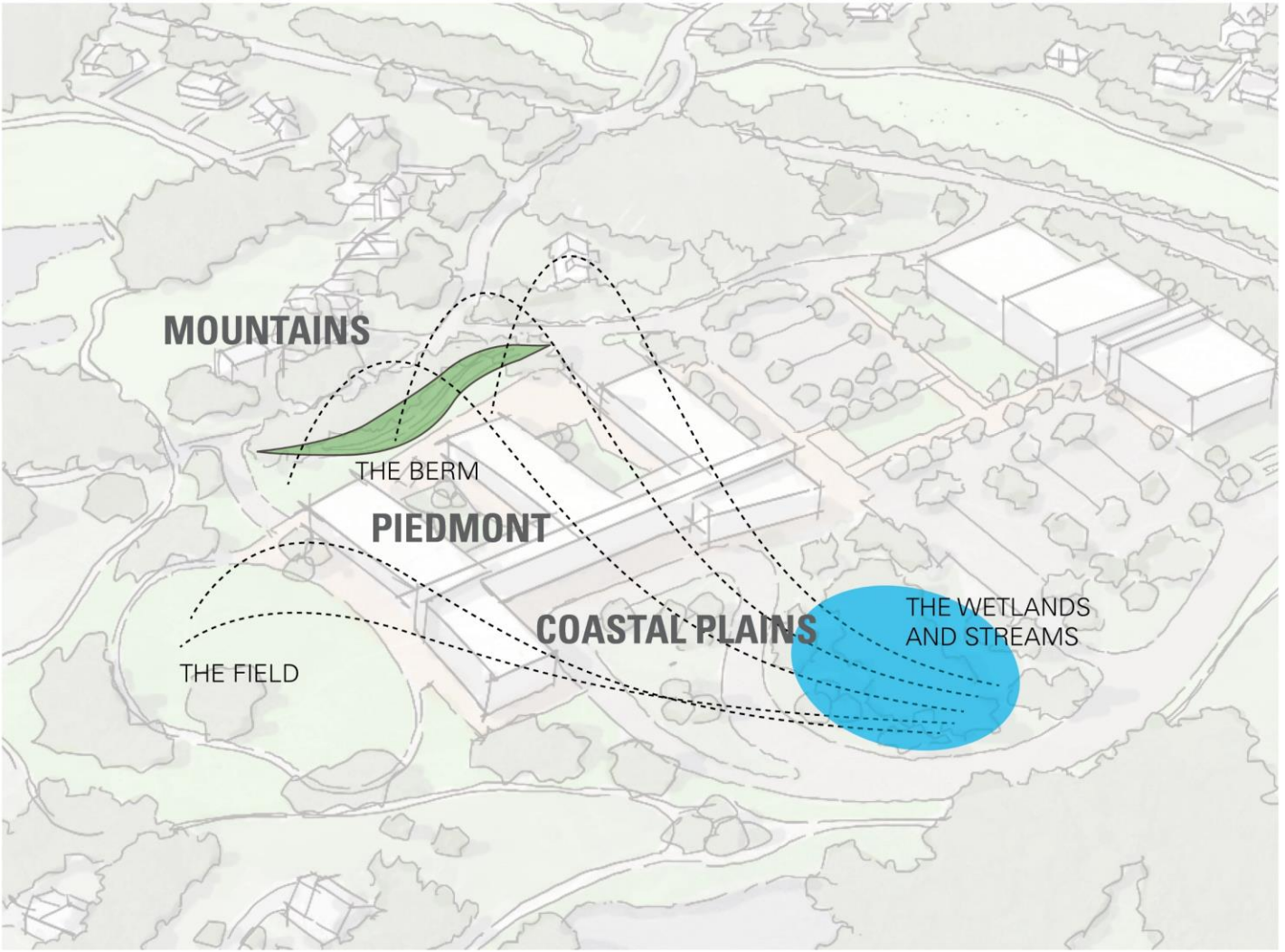
NORTH ENTRY VIEW



- Strong north-to-south connection of primary corridor from bus entry
- Clear entry point for bus riders
- Welcoming facade to future community center



SITE CONCEPT



SITE PRECEDENTS



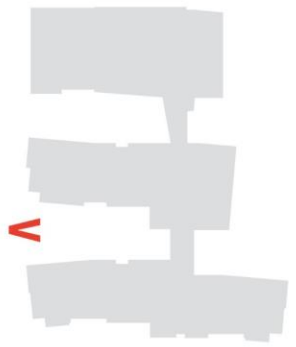
OUTDOOR CLASSROOMS



PLAYFUL GREEN SPACE



COURTYARD VIEW



- Strong connection from classrooms to courtyards
- Landscape evokes NC piedmont with rolling hills
- Courtyards act as both play & learning spaces



FLOOR PLAN - LEVEL 01

- GENERAL CLASSROOMS
- PRE-K + SPECIAL EDUCATION
- MUSIC + ART CLASSROOMS
- IMPART SPACE
- LEARNING COMMONS
- LIBRARY MEDIA CENTER
- PHYSICAL EDUCATION
- CHILD NUTRITION SERVICES
- STAFF REQUIREMENTS
- ADMINISTRATION
- STUDENT SUPPORT SERVICES
- SERVICE
- CIRCULATION



FLOOR PLAN - LEVEL 02

- GENERAL CLASSROOMS
- PRE-K + SPECIAL EDUCATION
- MUSIC + ART CLASSROOMS
- IMPART SPACE
- LEARNING COMMONS
- LIBRARY MEDIA CENTER
- PHYSICAL EDUCATION
- CHILD NUTRITION SERVICES
- STAFF REQUIREMENTS
- ADMINISTRATION
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IMMERSIVE LEARNING PRECEDENTS



NEIGHBORHOOD CONCEPT



CREATE



DISCOVER



EXCHANGE



IMPART

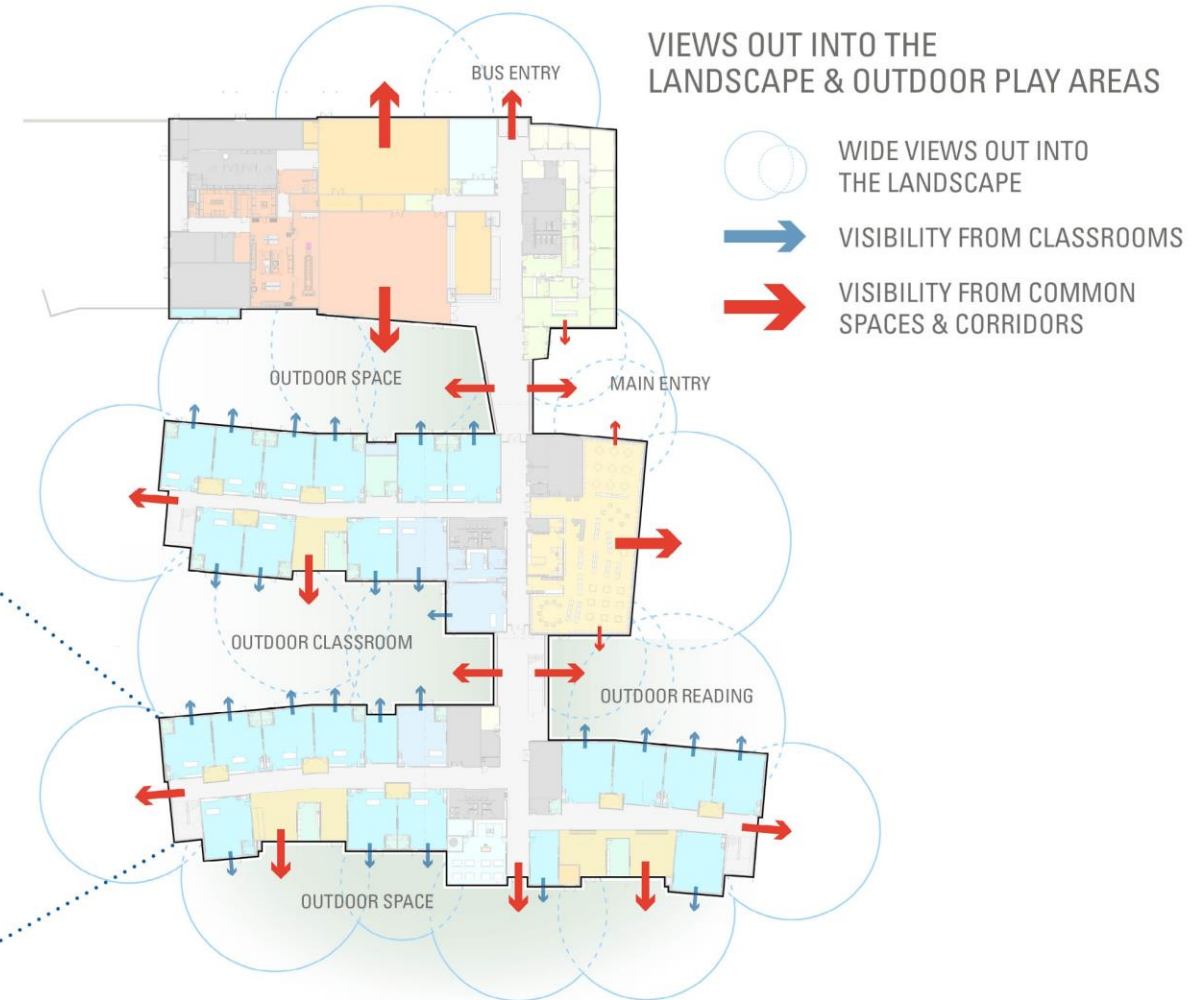
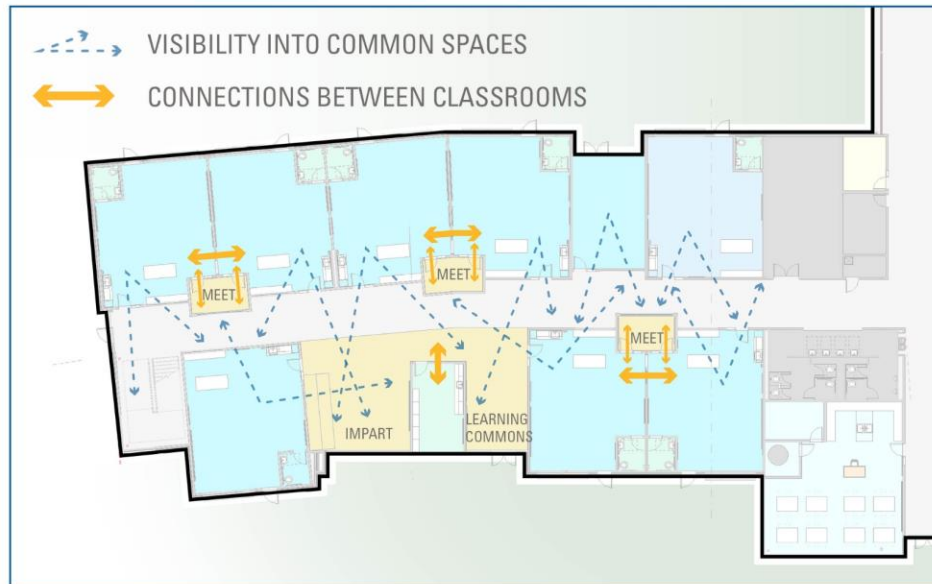


THINK

VIEWS DIAGRAMS

- Strong connection to outdoors from all spaces, including learning commons and corridors
- Integration of daylighting into learning commons
- Sight lines from multiple classrooms into learning commons
- Different scales of learning commons and direct connections to classrooms

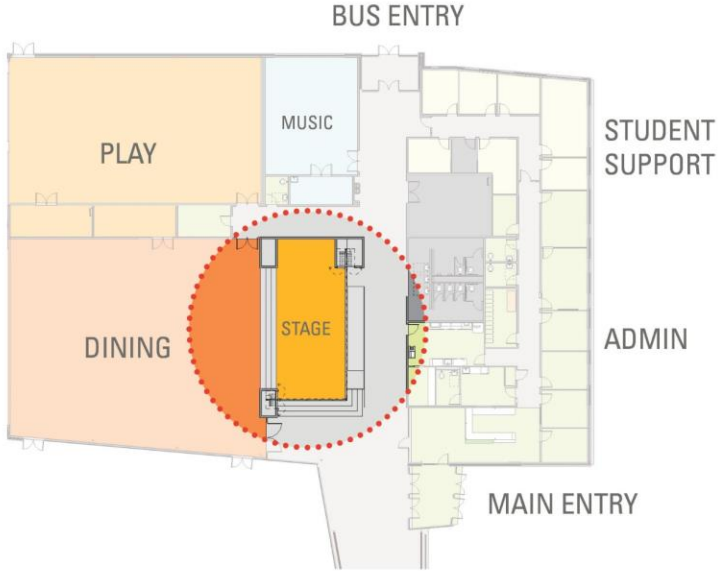
VISIBILITY & PERMEABILITY IN TYPICAL CLASSROOM WING



STAGE PRECEDENTS

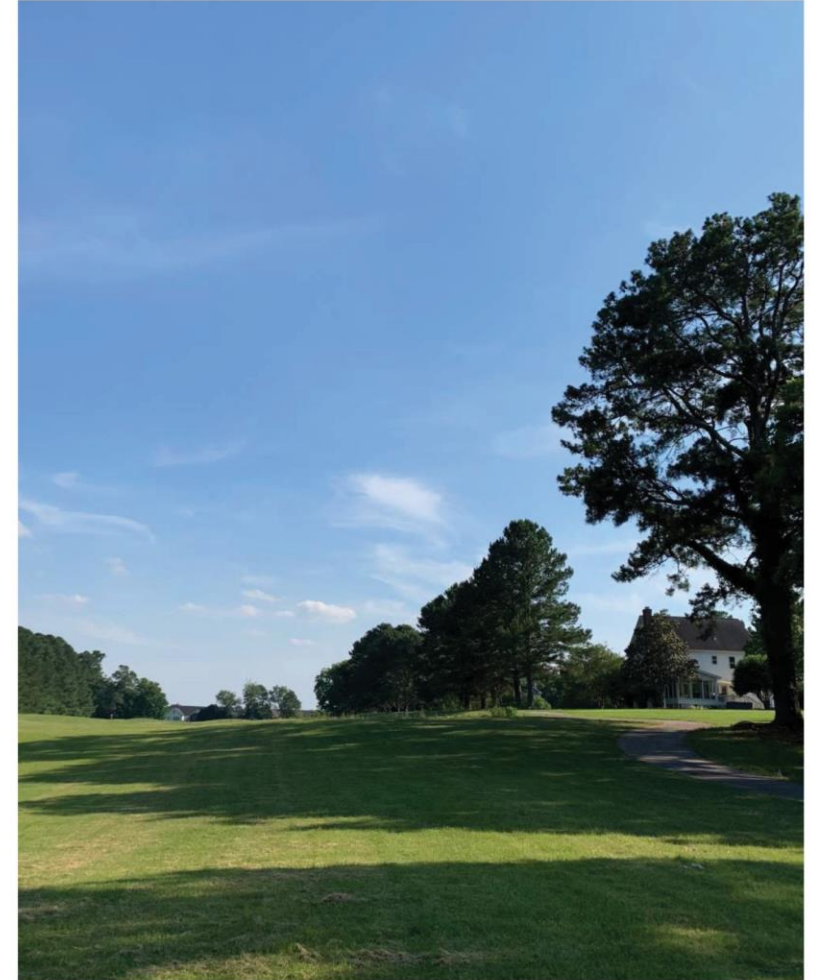


RETHINKING THE CONCEPT OF A STAGE...
NEW SPATIAL FUNCTIONS FOR A
FORMERLY UNDER-UTILIZED SPACE



+ OUTCOMES

- A. Meet space standards
- B. Learning on display through learning commons
- C. Multiple scales and types of learning opportunities to respond to different educational needs
- C. Maintains strong connection to the site and the community



Hilltop Needmore Road Elementary School

Thank you!

Questions