



PAUL PUBLIC CHARTER SCHOOL

Washington, DC

Institutional Category

PROJECT DESCRIPTION

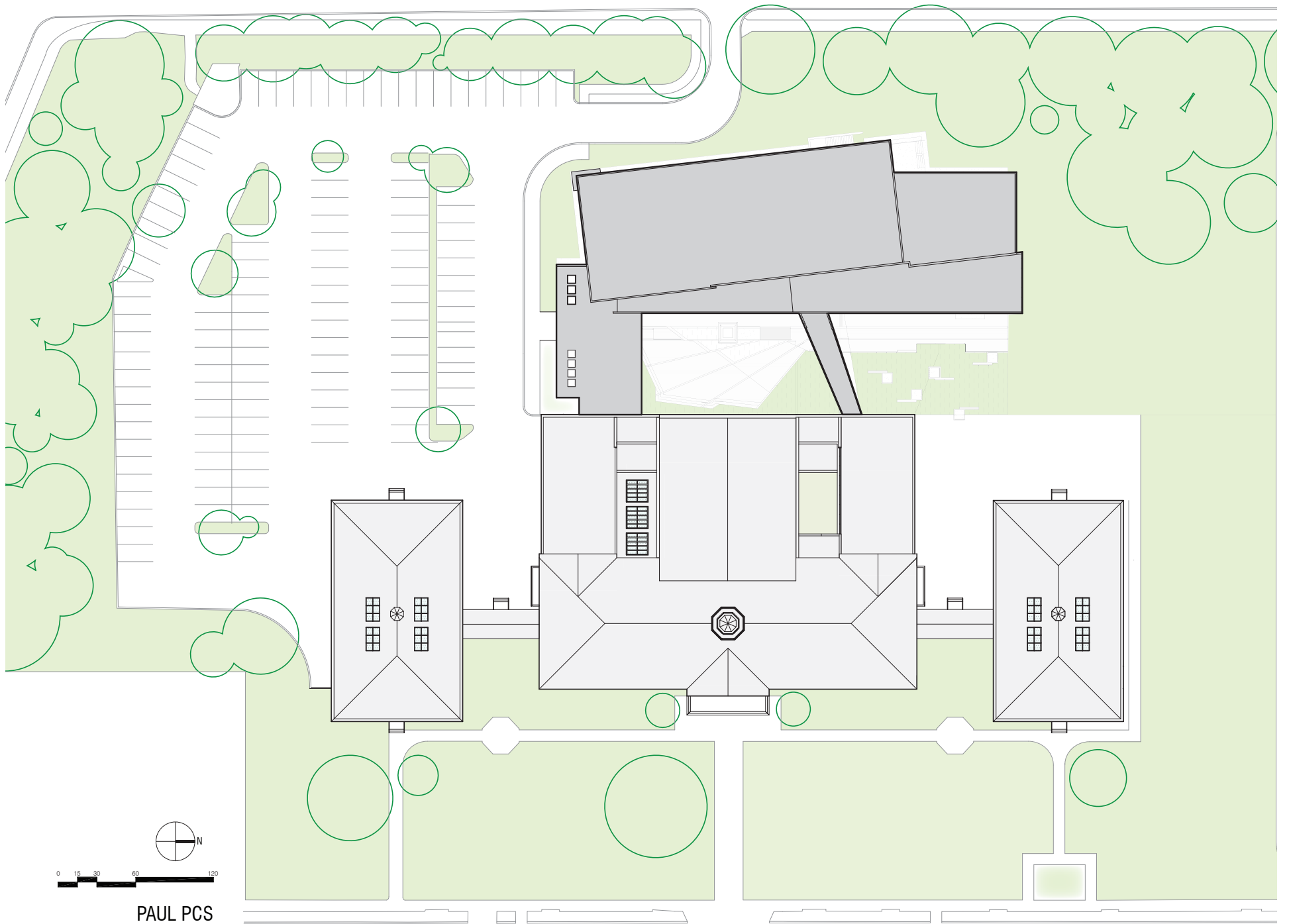
Paul Public Charter School is a 135,000 sft renovation and 30,000 sft addition of a former DCPS junior high school.

While the original school building primarily addresses the academic programming, the addition responds to the arts and athletics needs of the school with a new double gym, dance studio and art center. The double gym allows for simultaneous use by multiple student groups, and includes an indoor running track at the gym perimeter.

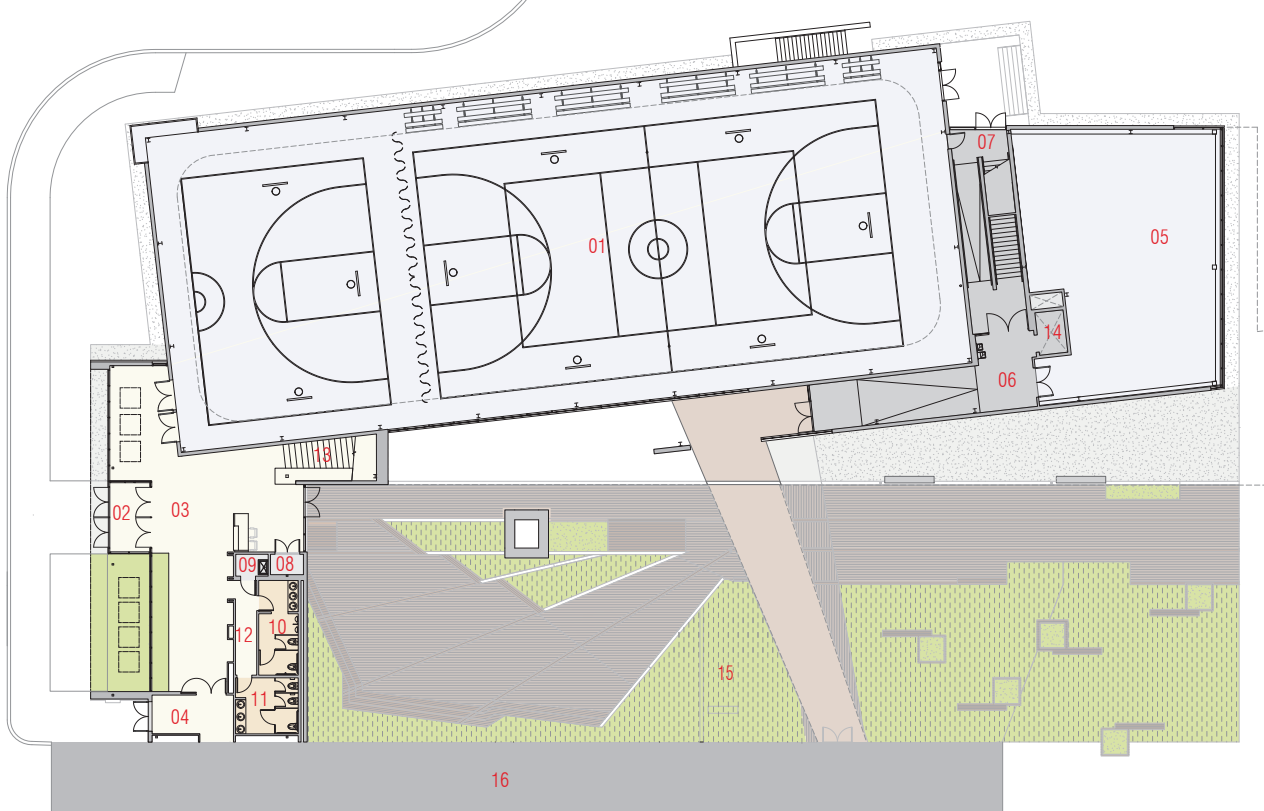
Other programs housed in the addition include a library, resource center, offices and support spaces. A bridge at the second floor connects the addition to the existing building.

One of the design and construction goals was to build the school economically, using resources in a creative and efficient way. The addition is constructed using prefabricated structural insulated panels (SIPs). The panels act as the exterior wall structure, provide high thermal insulation properties, and are cost and time effective.

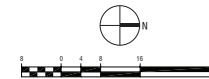




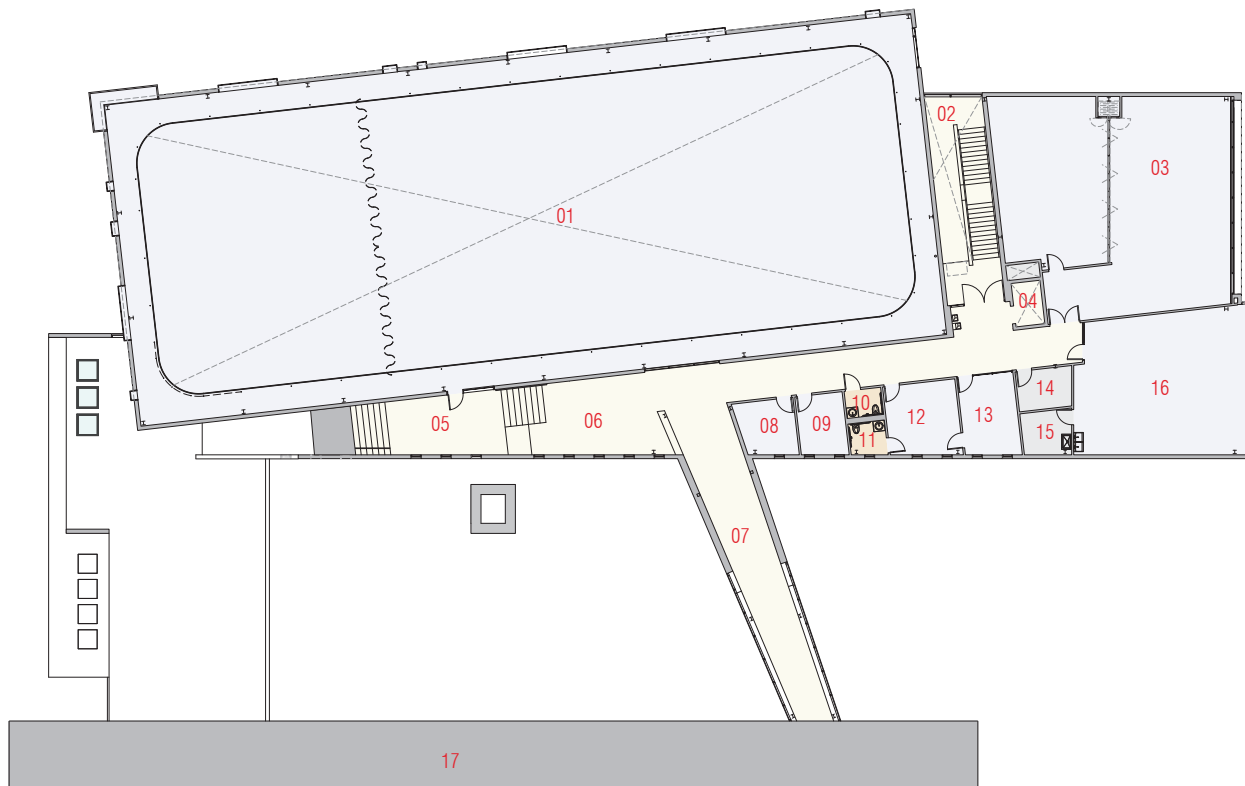
PAUL PCS



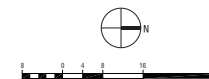
- 01 GYMNASIUM
- 02 VESTIBULE
- 03 LOBBY
- 04 ENTRY
- 05 DANCE STUDIO
- 06 PLAZA ENTRY
- 07 STAIR VESTIBULE
- 08 ELECTRIC CLOSET
- 09 STORAGE
- 10 RESTROOM
- 11 RESTROOM
- 12 CORRIDOR
- 13 STAIR
- 14 ELEVATOR
- 15 COURTYARD
- 16 EXISTING BUILDING



FIRST FLOOR



- 01 GYMNASIUM
- 02 STAIR VESTIBULE
- 03 RESOURCE CENTER
- 04 ELEVATOR
- 05 STAIR
- 06 BREAKOUT
- 07 SKY BRIDGE
- 08 FINANCE OFFICE
- 09 ASSISTANT'S OFFICE
- 10 RESTROOM
- 11 RESTROOM
- 12 DIRECTOR'S OFFICE
- 13 CONFERENCE
- 14 STORAGE
- 15 STORAGE
- 16 ART ROOM
- 17 EXISTING BUILDING



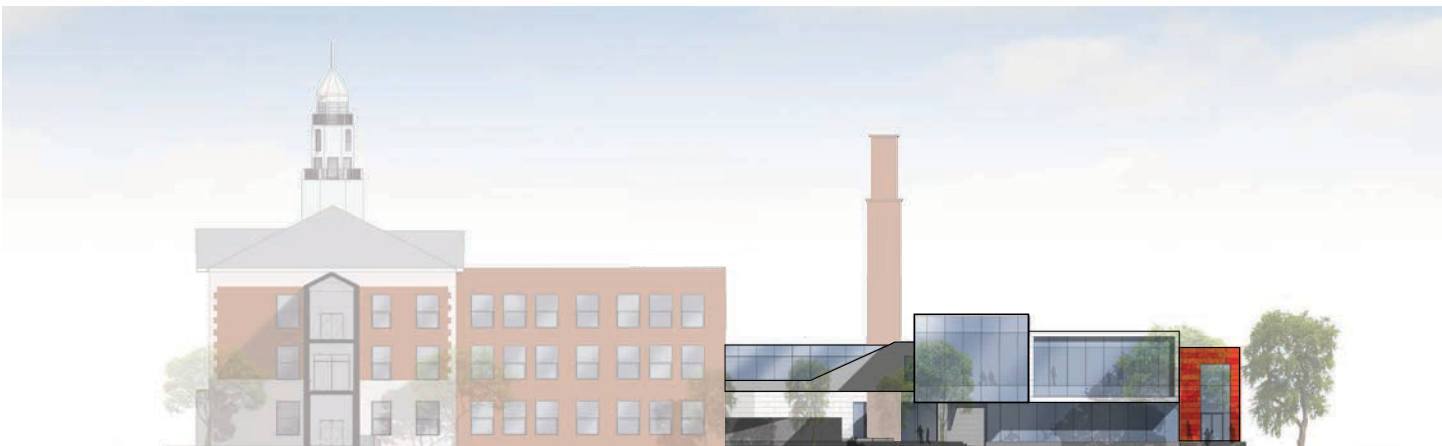
SECOND FLOOR



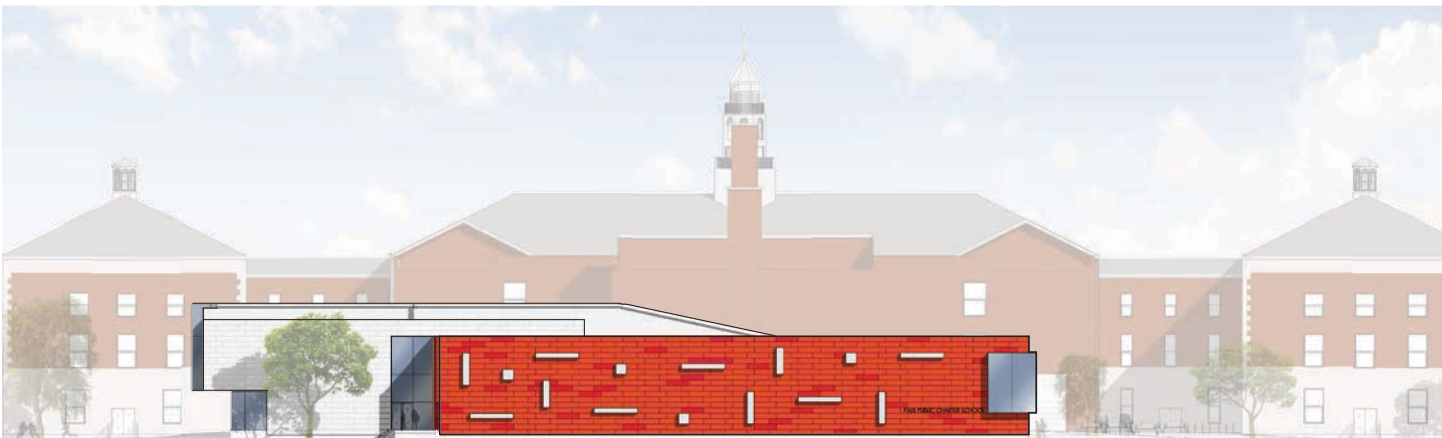
EAST ELEVATION



NORTH ELEVATION

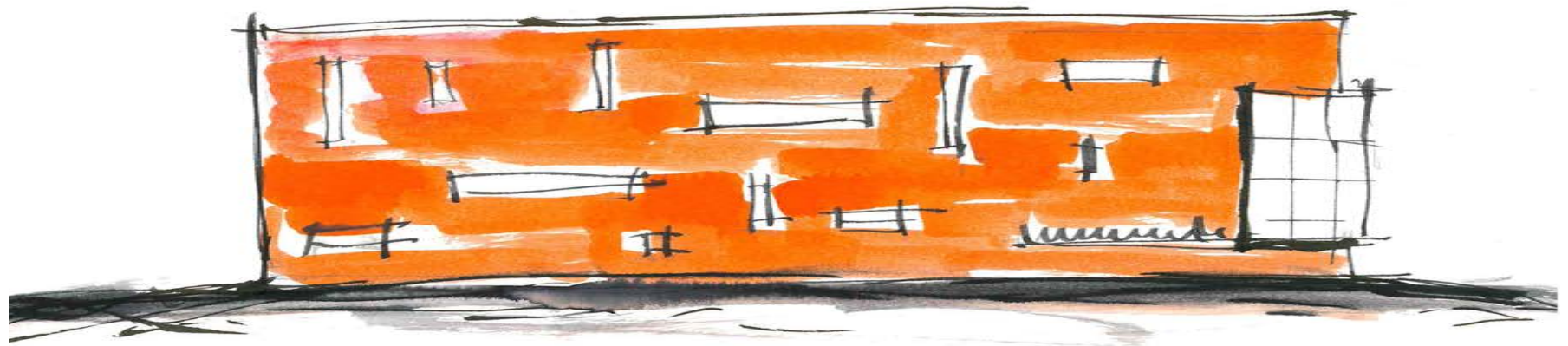


SOUTH ELEVATION

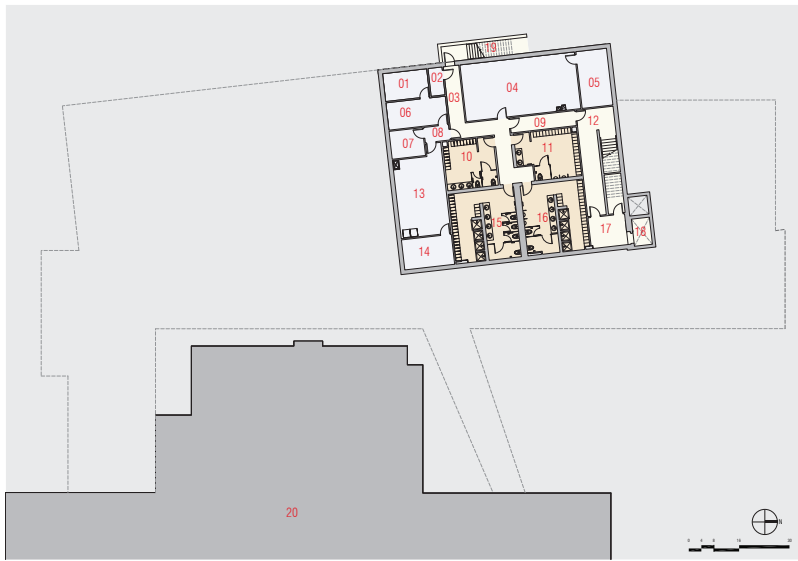


WEST ELEVATION



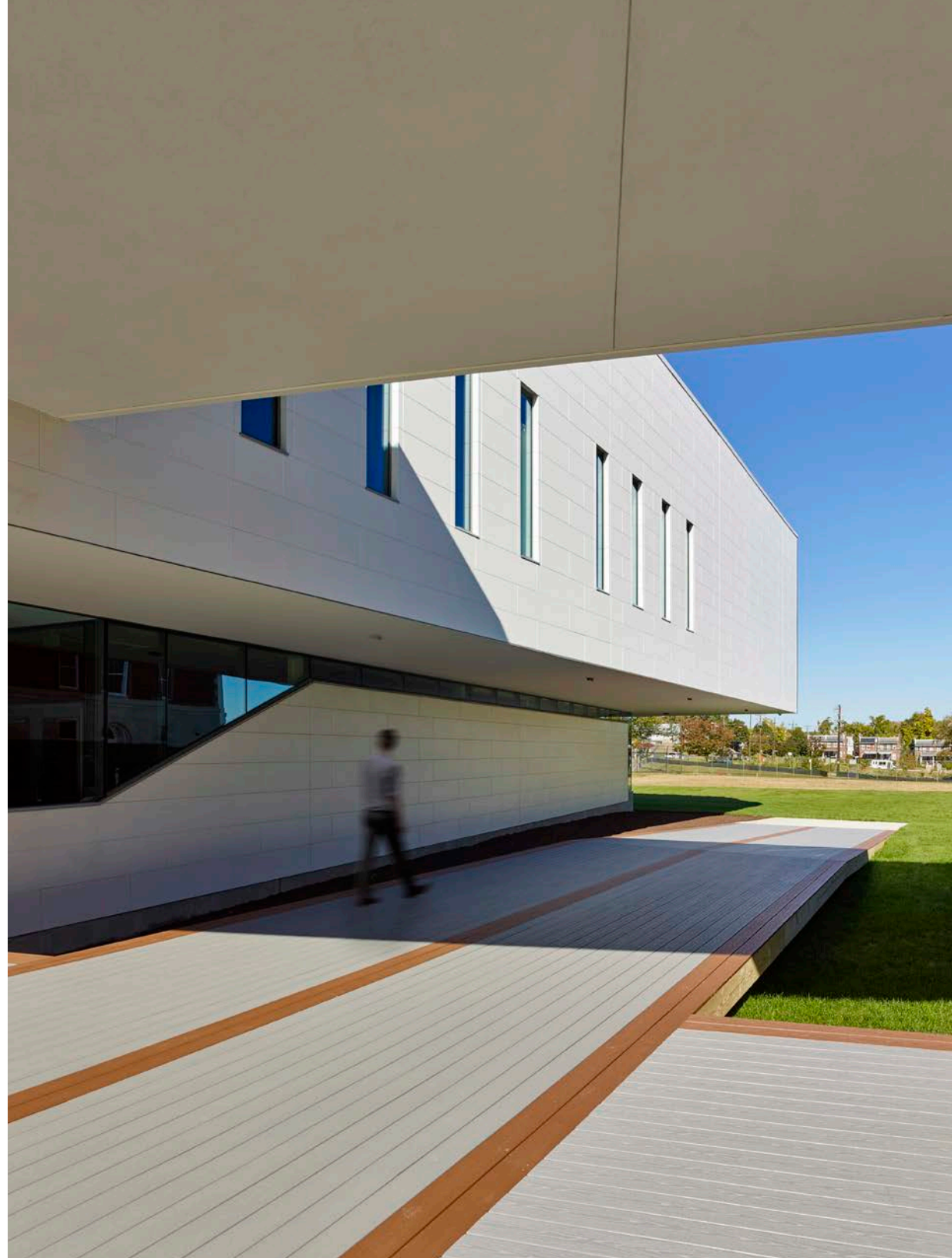


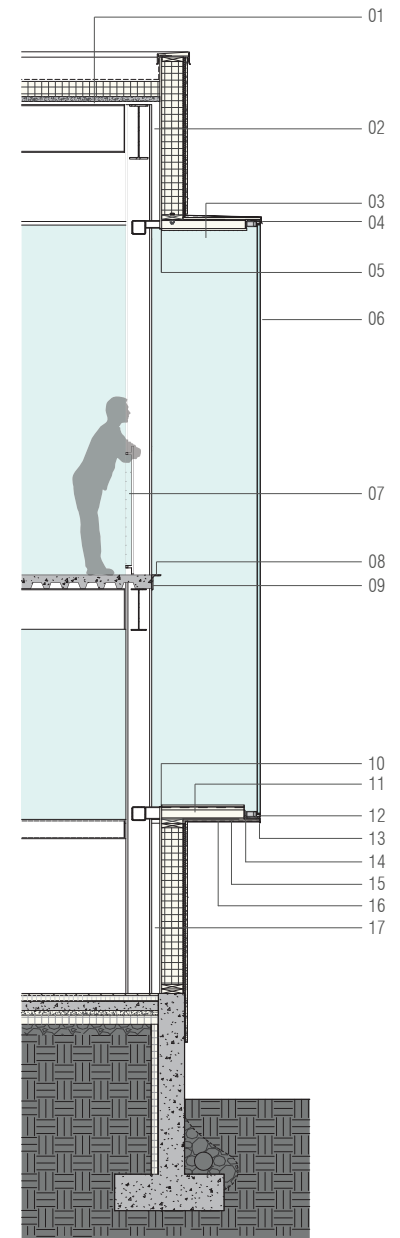
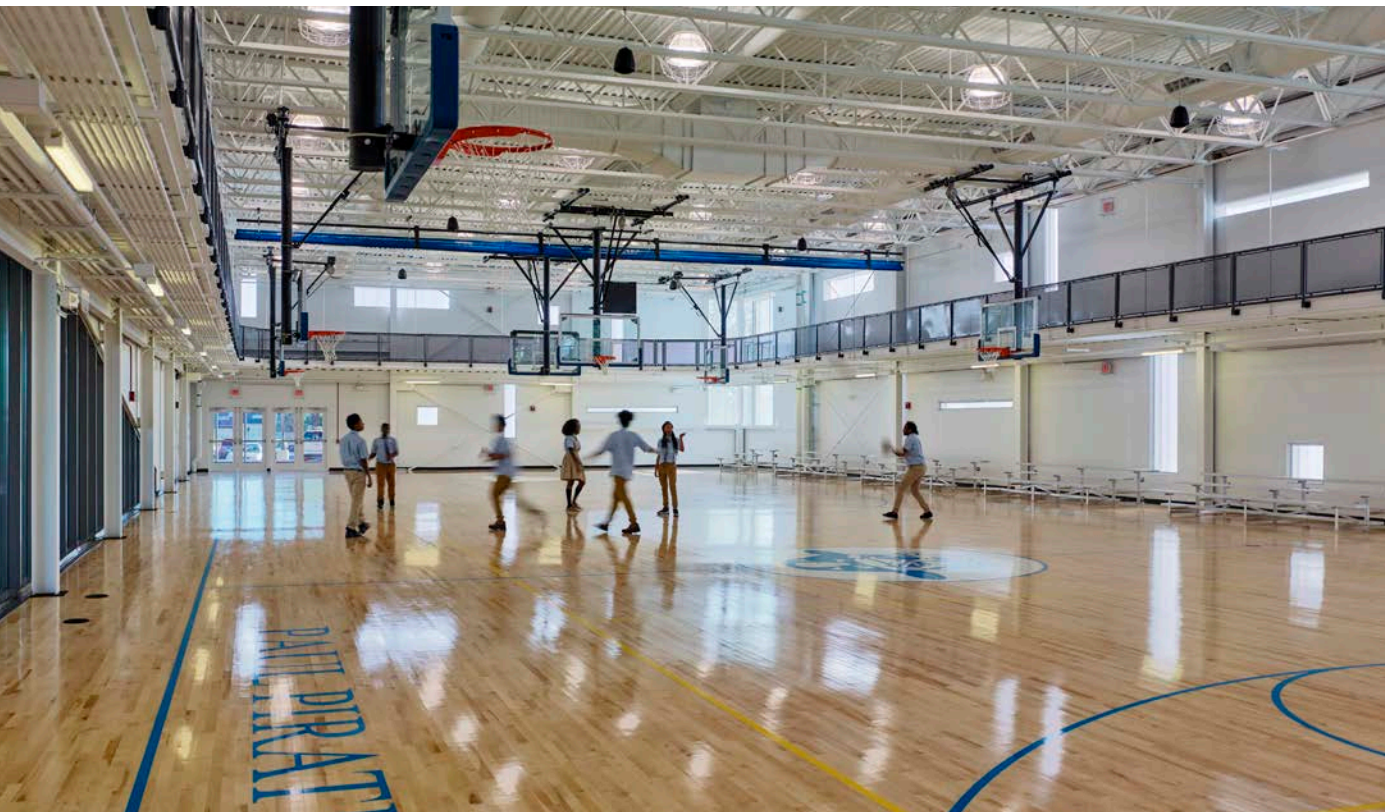
- 01 PHYS ED ROOM
- 02 STORAGE
- 03 CORRIDOR
- 04 WEIGHT ROOM
- 05 SPRINKLER ROOM
- 06 CONFERENCE ROOM
- 07 OFFICE
- 08 VESTIBULE
- 09 CORRIDOR
- 10 MS GIRLS' LOCKER
- 11 MS BOYS' LOCKER
- 12 STAIR VESTIBULE
- 13 STORAGE/MECH
- 14 ELECTRICAL ROOM
- 15 HS GIRLS' LOCKER
- 16 HS BOYS' LOCKER
- 17 ELEVATOR LOBBY
- 18 ELEVATOR
- 19 EXTERIOR STAIR
- 20 EXISTING BUILDING



PAUL PCS

BASEMENT

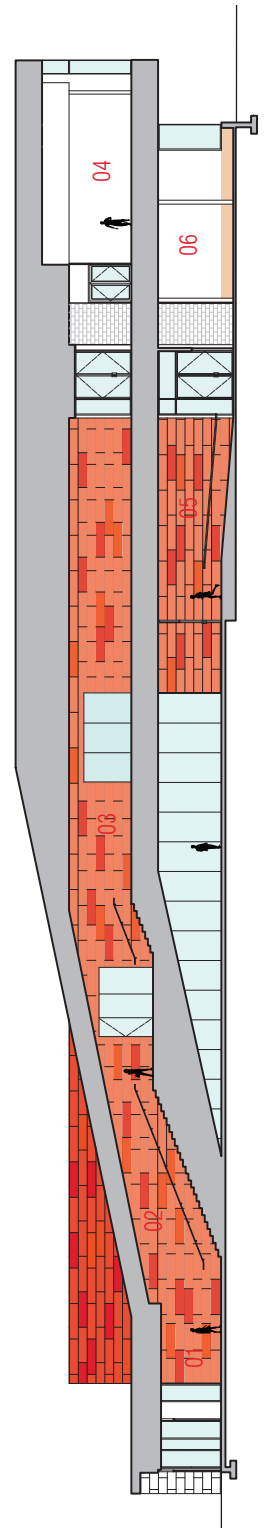




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|----|--|----|--|
| 01 | ROOF ASSEMBLY:
TPO MEMBRANE OVER 5" MINIMUM
SLOPED RIGID INSULATION OVER
METAL DECKING | 08 | ALUM ANGLE TRIM |
| 02 | WALL ASSEMBLY:
COMPOSITE EXTERIOR RAIN SCREEN
PANEL OVER 1/4" PANEL CLIPS OVER
VAPOR BARRIER OVER STRUCTURAL
INSULATED PANEL | 09 | POUR STOP |
| 03 | SHEATHING ON 3 X 3 X 3/8" MTL ANGLE
FRAME FILLED WITH EXPANDABLE
POLYSTYRENE INSULATION | 10 | 3/4" X 3/4" X 1/8" ALUM. ANGLE TRIM |
| 04 | ALUMINUM FLASHING | 11 | SHEATHING ON 3X3X3/8" MTL ANGLE
FRAME FILLED WITH EXPANDABLE
POLYSTYRENE INSULATION |
| 05 | 3/4" X 1/4" X 1/8" MTL ANGLE FRAME | 12 | ALUMINUM FLASHING |
| 06 | ALUMINUM FRAMED WINDOW WALL
GUARD RAIL | 13 | ALUMINUM FLASHING AND DRIP |
| | | 14 | 3-1/2" X 5" X 3/8" METAL ANGLE SHELF |
| | | 15 | VAPOR BARRIER |
| | | 16 | POWDER COATED ALUMINUM SOFFIT
ON 1/4" CLIPS |
| | | 17 | WALL ASSEMBLY:
COMPOSITE EXTERIOR RAIN SCREEN
PANEL OVER 1/4" PANEL CLIPS OVER
VAPOR BARRIER OVER STRUCTURAL
INSULATED PANEL |



- 01 LOBBY
- 02 STAIR
- 03 BREAKOUT SPACE
- 04 ART ROOM
- 05 PLAZA ENTRY
- 06 DANCE STUDIO







COLLEGE OF BUSINESS