School Without Walls at Francis-Stevens

JULY 21, 2022 – CFA CONCEPT PRESENTATION #CFA-2596
AGENDA

• Project Context
  • Design Principles
  • Site Analysis
  • Existing Building
• Project Scope
• Façade Design Considerations
Project Context

2425 N ST NW
DESIGN PRINCIPLES

1. Enhance and Celebrate Connections to the Outdoors
2. Reinforce the Relationship with Rock Creek Park
3. Provide a Place that Enhances the Sense of Community
4. Demonstrate a High-Performance, Healthy Learning Environment
5. Defer to the Civic Presence of the Historic Structures
6. Create Vertical Connections for All Grade Levels
7. Put Learning on Display
8. Embrace Equitable Student-Centered Spaces
9. Create a Professional, Nurturing Environment that Inspires Teachers
SITE ANALYSIS
SITE CONTEXT AND CONNECTIONS

ROCK CREEK PARKWAY
ROCK CREEK PARK
DPR – FRANCIS OUTDOOR POOL
NPS – TENNIS COURTS
PRIVATE CONDO
PRIVATE OFFICES
N ST NW
24TH ST NW
25TH ST NW
Informal walking trails
EXISTING BUILDING

PROGRESSION OF HISTORICAL ADDITIONS
EXISTING BUILDING CONDITIONS

N ST FRONT ENTRY

EAST VIEW OF 1928 ADDITION

PARK VIEW OF 1928 ADDITION
EXISTING BUILDING

INTERIOR CONDITIONS

N-S CORRIDOR

E-W CORRIDOR

CLASSROOM
Project Scope
PROJECT SCOPE

MODERNIZATION, EXPANSION, AND ADDITION
PROJECT SCOPE

SITUATED ON SITE
PROJECT SCOPE

FLOOR PLANS

First Floor Plan

Second Floor Plan

Third Floor Plan
PROJECT SCOPE

PRESERVE EXISTING EXTERIOR FACADES IN NEW INTERIOR SPACES

Existing exterior service courtyard

Potential interior infill for student dining commons
Façade Design Considerations
EXISTING BUILDING
OVERALL COMPOSITION OF HISTORIC FACADES
EXISTING BUILDING
SOUTH ENTRY FACADE
EXISTING BUILDING

SOUTH ENTRY FACADE
EXISTING BUILDING
SOUTH ENTRY FACADE
EXISTING BUILDING
WEST FACADE
VIGNETTES
WEST ADDITION – SOUTH ENTRY
VIGNETTES

WEST ADDITION – WEST FACADE
VIGNETTE
WEST ADDITION – NORTH FACADE
VIGNETTE
EAST GYM EXTENSION AND ATRIUM – NORTH DROP OFF AND COMMUNITY ENTRY
VIJNETTE
EAST GYM EXTENSION AND ATRIUM – EAST FACADE
MATERIALS
RESPECT HISTORIC STRUCTURES WITH NEW MATERIAL CHOICES

1. Photo-voltaic Panels
2. Skylights
3. Storefront & Curtain Wall
4. Masonry
5. Metal Panels
6. Perforated Screens
NET-ZERO UPGRADES
PHOTOVOLTAIC TRELLIS

Existing Building

Potential view of PV trellis on existing building
ELEVATION

SOUTH ENTRY FACADE
ELEVATION
EAST FACADE
DESIGNING THE DISTRICT