CDRP 2017 OCTOBER PANEL MEETING

2017.10.25
JULY CDRP PANEL SYNOPSIS

1. Larger context map showing bus shelters and circulation paths from Transit Hub.
2. Develop and show South Entry.
3. Develop Promenade; show South view with the 2007 Rec Center bridge.
4. Consider aligning all four levels of East elevation at Cates Receptor.
5. Sun Screening overview for the building, including solar blade orientation.
6. North Exterior Entry Stair to be perpendicular to path of travel.
7. Consider design solutions to lessen Way-Finding Signage.
8. Address Bike Parking near entries; location and function to reward bike travel vs. car.
9. Provide Site Lighting information.
10. Approval of final Exterior Material Selections will be based upon field-erected sample panels.
ENTRY LEVEL 01
Axonometric Plan
LEVEL 03
Axonometric Plan

EXISTING
RENOVATION

UREC ADMIN

FITNESS
CIRCUIT RAMP
STUDIO
LEVEL 04
Axonometric Plan
EXTERIOR DESIGN
Southeast corner on Cates
iNTERIOR DESIGN
Level Two Entry
METAL ROOF CORNICE
HORIZONTAL SUN SHADE
STOREFRONT GLAZING
FRIT - HORIZONTAL PATTERNING
METAL PANEL TYPE 2, INSET
METAL PANEL TYPE 1
EXISTING CARMICHAEL GYM

EXTERIOR DETAILS
Elevation Study & Materiality

2017.10.25
CARMICHAEL RENOVATION + ADDITION
NC STATE UNIVERSITY
STOREFRONT GLAZING  
HORIZONTAL SUN SHADE 
METAL ... FRIT PATTERNING
2007 REC METAL PANEL
TALLEY INSET CONCEPT
EXTERIOR DETAILS
Sun Study Animation - First Day of School
OVERALL SITE PLAN WITH CIRCULATION
LANDSCAPE DESIGN
Site Plan Enlargement Areas
NORTH PLAZA ENLARGEMENT

KEY
A. EXISTING CATES AVENUE CROSSWALK
B. PROPOSED BICYCLE RACKS
C. PROPOSED STAIRWAY TO BASEMENT LEVEL
D. SEATING AREA WITH CAST CONCRETE SEAT WALLS
E. MAIN BUILDING ENTRANCE
F. MAIN LEVEL PLAZA WITH SEAT WALLS
G. PLAZA OVERLOOK
H. REMOVED PARKING AT CORNER
I. PROPOSED LARGE STREET TREES AT CORNER
J. PROPOSED BRICK “ALL CAMPUS PATH”

PRECEDENT IMAGES

LANDSCAPE DESIGN
North Plaza Enlargement

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CARMICHAEL RENOVATION + ADDITION
2017.10.25
A. NORTH PLAZA
B. PROPOSED BRICK VENEER RETAINING WALL
C. EXISTING CONCRETE RETAINING WALL
D. VEGATATED SWALE
E. MECHANICAL ROOM ENTRY
F. PROPOSED BRICK "ALL CAMPUS PATH"
G. CENTRAL GARDEN

GRADE TRANSITION ENLARGEMENT

LANDSCAPE DESIGN
Grade Transition Enlargement
**EAST GARDEN ENLARGEMENT**

**PRECEDENT IMAGES**

**KEY**

A. LANDSCAPE AREA WITH TERRACED WALLS
B. EXISTING CATES AVE. PEDESTRIAN CROSSWALK TO REMAIN. IMPROVED ACCESSIBLE RAMP AT CORNER
C. PROPOSED BRICK EGRESS PATH
D. PEDESTRIAN “BRIDGE” WITH SUNKEN PLANTERS
E. PROPOSED PLANTER BED WITH BRICK WALL. POTENTIAL LOCATION FOR BUILDING SIGNAGE
F. EXISTING MORRILL DRIVE CROSSWALK TO REMAIN
G. PROPOSED BRICK ACCESSIBLE RAMP TO LOWER LEVEL
H. PROPOSED MEDIUM-SIZED SHADE TREES ALONG “ALL CAMPUS PATH”

**LANDSCAPE DESIGN**

East Garden Enlargement
KEY
A. PROPOSED BRICK ACCESSIBLE RAMP TO UPPER LEVEL
B. PLANTING AREA WITH ORNAMENTAL GRASS BANDS
C. PROPOSED STAIRS WITH CONCRETE CHEEK WALLS
D. PROPOSED PEDESTRIAN CORRIDOR WITH BRICK PAVERS AND CAST SEAT WALL
E. SOUTH BUILDING ENTRANCE WITH ENHANCED PAVERS
F. PROPOSED BICYCLE RACKS
G. PROPOSED BRICK PAVER HARDSCAPE PLAZA
H. ENHANCED LANDSCAPING IN EXISTING LANDSCAPE AREA
I. MONOLITHIC CAST IN PLACE CONCRETE SEATWALL, RETAINING WALL AND STAIRS

LANDSCAPE DESIGN
Promenade Enlargement
SOUTH-SIDE ENLARGEMENT

KEY
A. SOUTH BUILDING ENTRANCE WITH ENHANCED PAVERS
B. PROPOSED BICYCLE RACKS WITH BIKE REPAIR STATION (SHELTER OPTIONAL)
C. PROPOSED BICYCLE RACKS (SHELTER OPTIONAL)
D. PROPOSED PEDESTRIAN CORRIDOR WITH BRICK PAVERS AND CONCRETE BANDS
E. PROPOSED SEATING AREA WITH ENHANCED PAVING
F. ENHANCED LANDSCAPING IN EXISTING LANDSCAPE AREA
G. PROPOSED LOUVERED METAL SCREEN
H. PROPOSED DECORATIVE STONE GARDEN

PRECEDENT IMAGES

LANDSCAPE DESIGN
South-Side Enlargement
PLANTING CHARACTER

LANDSCAPE DESIGN
Planting Character
Pedestrian Paver Pattern Options

**PAVER MATERIAL PALETTE**

- *Charcoal*
- *Natural*
- *Matrix 1428*
- *Hanover Concrete Pavers with Tudor Finish at Area A - North and South Plazas*

**PATTERN/LAYOUT OPTIONS (AREA A)**

- **Linear** - Running Bond Layout with color banding pattern
- **Orthogonal** - Standard Herringbone Layout with random color pattern
- **Geometric** - Varied Basketweave Layout with Ashlar Style color pattern
- **Running Bond** - Campus Standard

**PATTERN/LAYOUT (AREA B)**

- **Running Bond** - Campus Standard

**AREA A - NORTH PLAZA**

- Hanover Concrete Pavers with Tudor Finish at Area A - North and South Plazas

**AREA B - ALL CAMPUS PATH**

- Pine Hall Brick Pavers with Straight Edge at Area B - All Campus Path
SITE LIGHTING AREA PLAN

KEY

A. STREETSCAPE LIGHTING
B. PLAZA LIGHTING
C. BUILDING/SCONCE LIGHTING

LANDSCAPE DESIGN
Site Lighting
BICYCLE PARKING STRATEGY PLAN

EXISTING BIKE RACKS AT SITE: 48
PROPOSED BIKE RACKS AT SITE: 72

(15) PROPOSED FREE-STANDING RACKS (30 SPACES)
**REQUIRES USE OF 2 EXISTING PARKING SPACES

(12) PROPOSED FREE-STANDING RACKS (24 SPACES)
POTENTIAL COVER STRUCTURE LOCATION
RELOCATED BICYCLE REPAIR STATION

(8) PROPOSED FREE-STANDING RACKS (16 SPACES)
POTENTIAL COVER STRUCTURE LOCATION

BICYCLE PARKING SUMMARY:
EXISTING BIKE RACKS AT SITE: 48
PROPOSED BIKE RACKS AT SITE: 72

BICYCLE RACK AND ACCESSORIES
BICYCLE RACK SHELTER OPTIONS

LANDSCAPE DESIGN
Bicycle Parking
Material Precedents

SITE FURNISHINGS

PAVING MATERIALS

SLOPE AND WALLS

LANDSCAPE DESIGN

Material Precedents