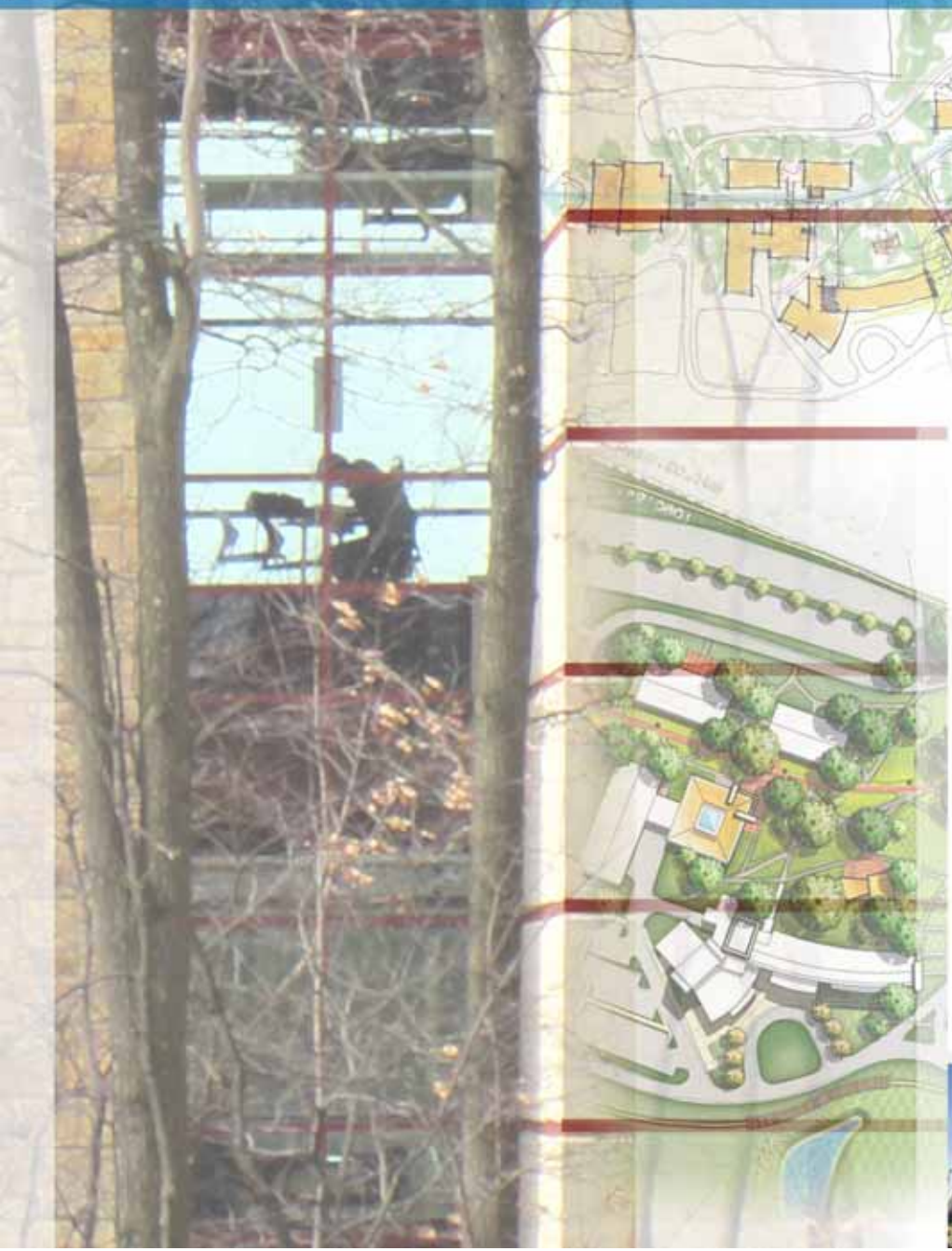
Butler County Community College
Butler Campus
Master Plan
Fall 2012

Stantec Project no. 218010379



Stantec

Section 3 - Recommendations

MASTER PLAN
MASTER PLAN PROJECT BREAKDOWN
MASTER PLAN ENLARGEMENT
MASTER PLAN PROJECTS

Campus Analysis and Master Plan information has been presented to the BC3 Board of Trustees, the BC3 Education Foundation Board, faculty, staff, and administration of the Butler County Community College through group presentations on the following dates:

President's Cabinet – Workshop Sessions on February 23, 2012 and April 4, 2012

Facilities Committee - May 14, 2012

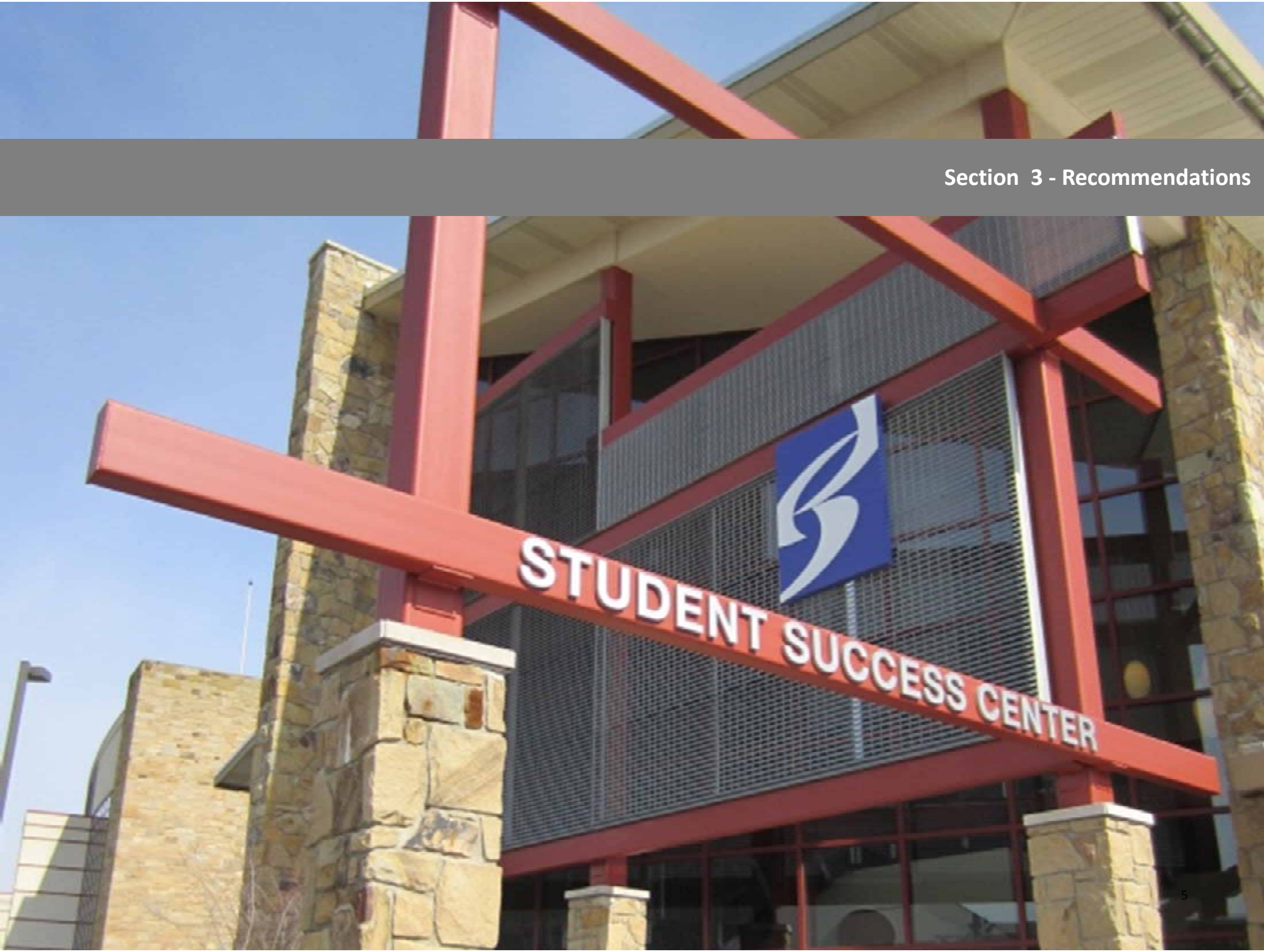
Supervisors and Administrators - July 2, 2012 and July 31, 2012

Board of Trustees - July 25, 2012

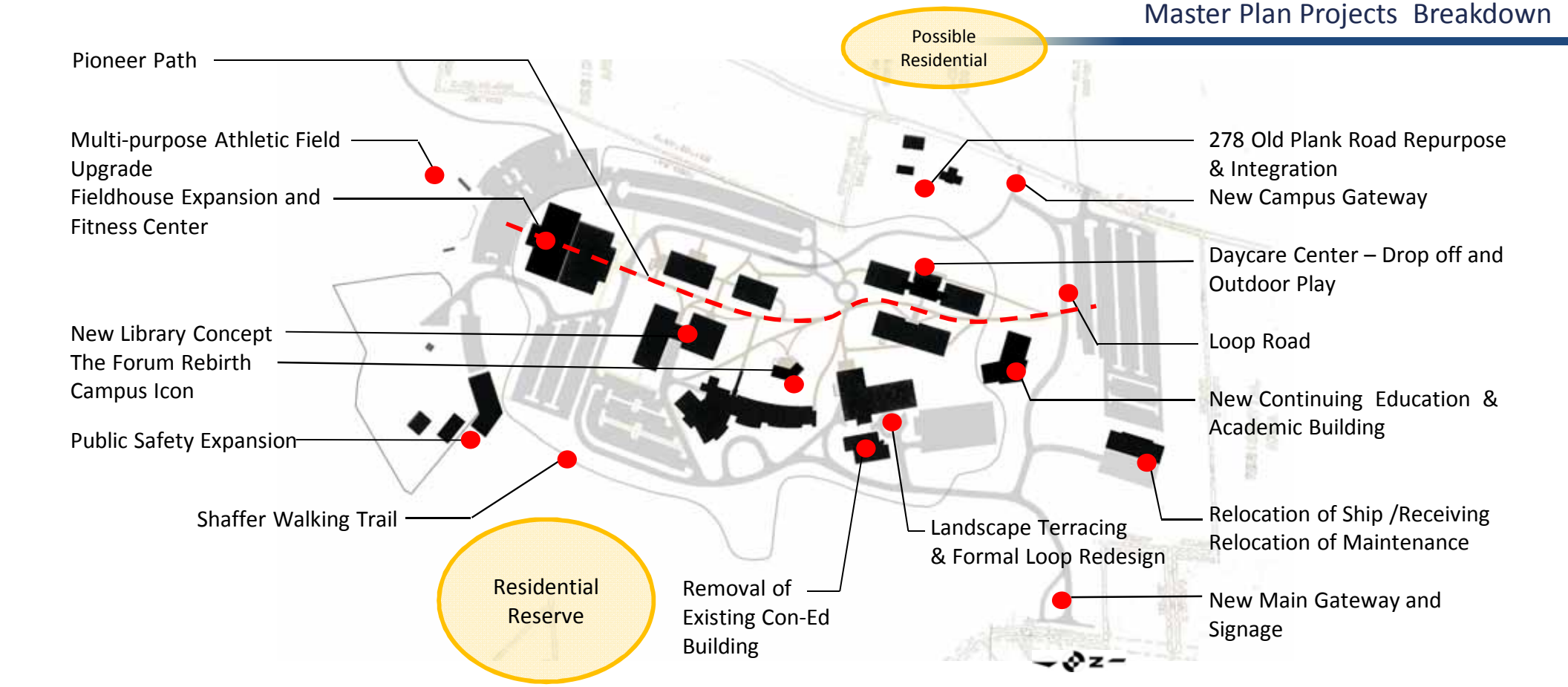
Faculty and Staff - August 16, 2012

Foundation - September 13, 2012

Section 3 - Recommendations



Campus
Gateway
Possible
Residential
Campus
Gateway
Future
Expansion
Residential
Reserve
Campus
Gateway



Space for contemplation

Places to sit and meet

Pioneer Walk

Campus Icon

Collaboration space under the shade and light of BC3 Oaks

Campus Icon – clock tower, chimes, The Grove

Signage founded in BC3's Core Mission

Master Plan Project List

1. 278 Old Plank Road Repurpose
2. Shaffer Walking Trail
3. New Library Concept
4. Loop Road
5. Daycare Expansion, Drop off & Outdoor Play / Learning Area
6. Maintenance Facility Relocation
7. New Campus Gateway Entry and Signage
8. New Continuing Education & Administration Center
9. Fieldhouse Expansion and Fitness Center
10. Pioneer Path
11. Campus Icon
12. New Pavilion/Shelter Concept
13. The Grove
14. Terracing and West Campus Drop-off
15. Public Safety Training Facility Expansion
16. Multi-purpose Athletic Field Upgrade

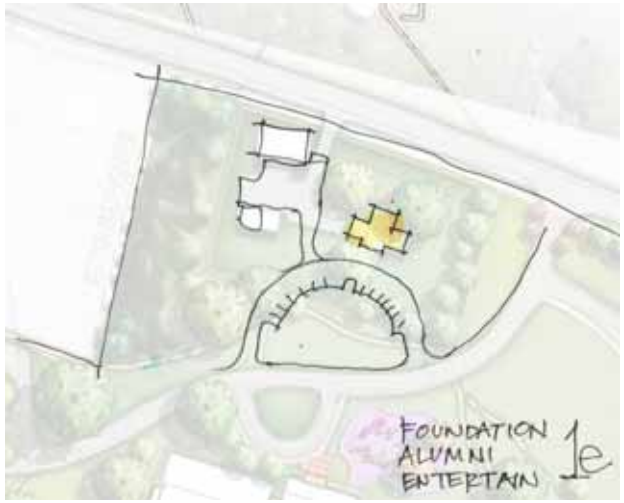
The Current Opportunity

Current configuration is shown un-modified in the master plan

The existing facility is nestled among oak and large canopy trees in character with campus

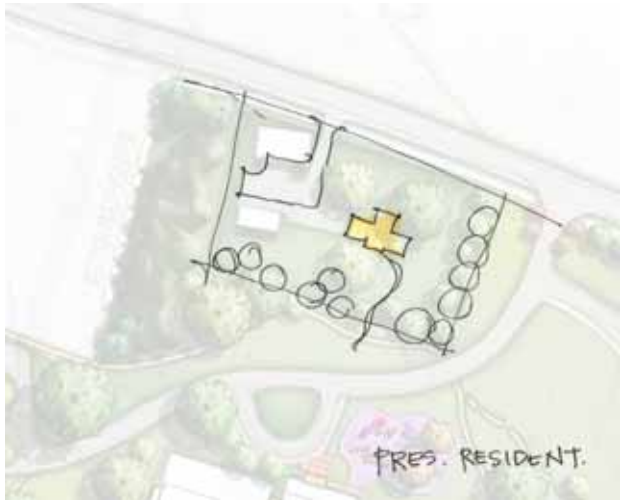
Potential Property Uses

BC3 Event's Facility

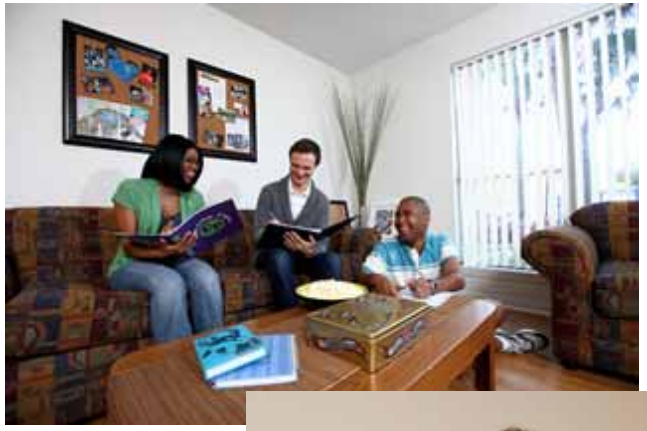


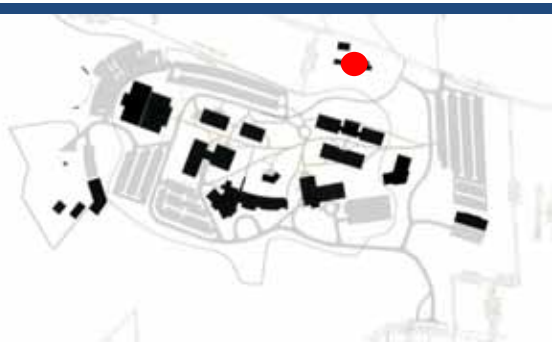
Welcome Center

Foundation House



The President's House



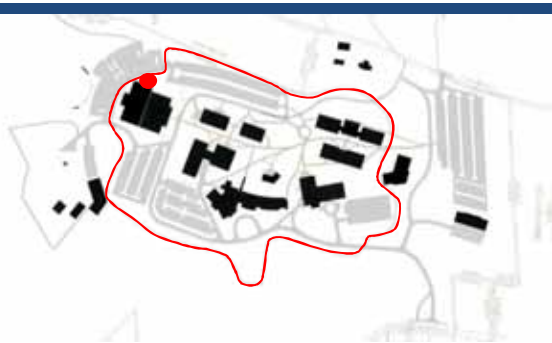


278 OLD PLANK ROAD REPURPOSING

This recently acquired property creates several opportunities for us by the college. The opportunities range in several levels from private to public .

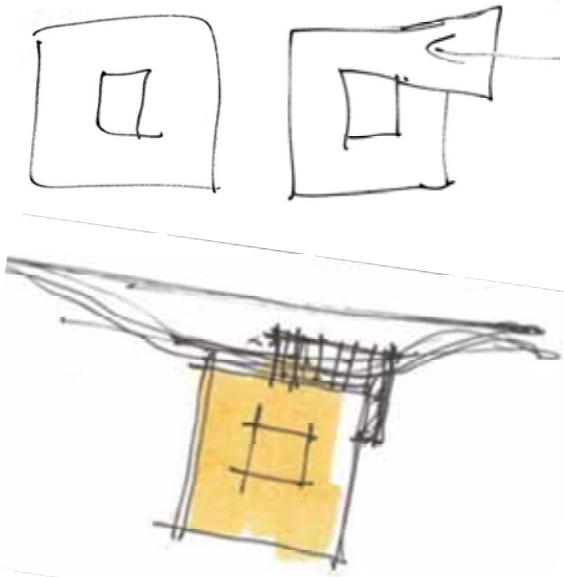
- Events Facility
- Welcome Center
- Foundation House
- President’s house
- Barn and garage can provide seasonal storage

Birds-eye View of Walking Trail

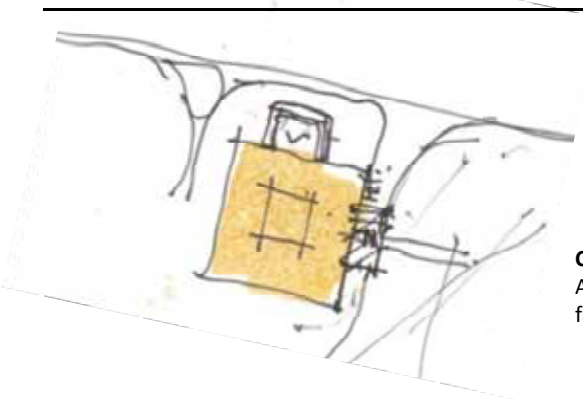


Shaffer Walking Trail
A paved one-mile walking trail, which will loop around BC3's main campus

- Offers a link to educational/nature study opportunities
- Removes student physical education/training from vehicular roadways
- Accessible during off-hours for community use



Preliminary Corner entry Design Concept
This corner entry concept allows funneling of pedestrian traffic from the Pioneer Path

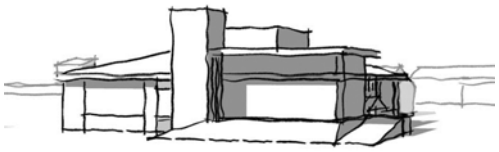


Center Façade Entry Concept
Also explored was a center entry concept . This design incorporates an upper-level entrance in the center of the southern façade of the library – the previous lower level entry converted to outdoor three-season reading area

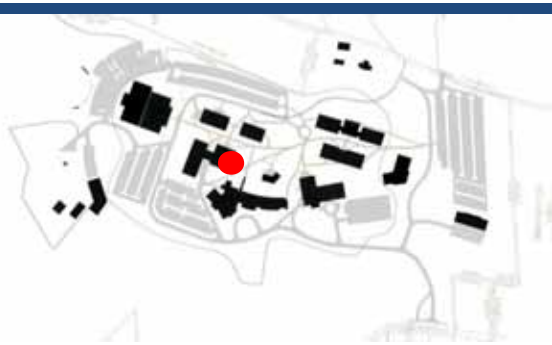
Existing Library

Potential Library Concept

Open Entry Design Scheme



Glazed Entry Design Scheme

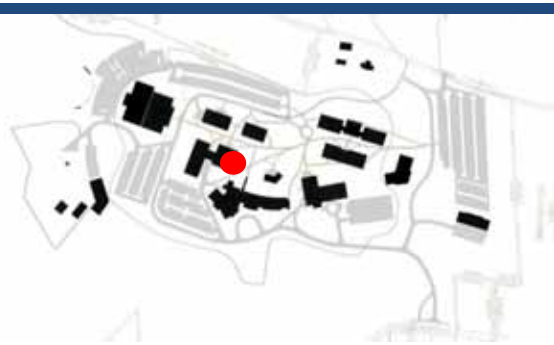


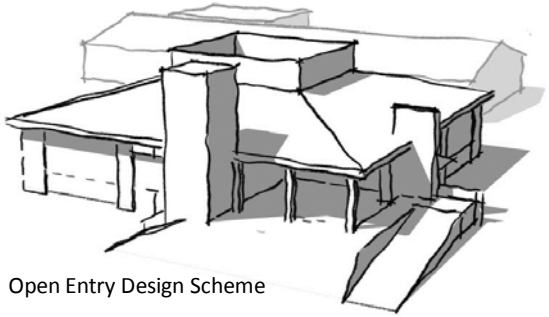
LIBRARY

- Renovation of the existing library to become the BC3 link/information center
- Relocated entry to the second floor south east corner of the building to funnel pedestrian traffic from the pioneer path to the library
- A forum type design cascading form the second floor entry out to the campus grove
- This building is anticipated to become the heart of campus
- Create an area for student , faculty, as well as public interaction
- Home for IT support, learning/teaching rooms, coffee shop, more, more, more
- Creates opportunity for food/retail income
- Technology hub
- Designed incorporation of a clock tower to create a visual as well as audible campus beacon

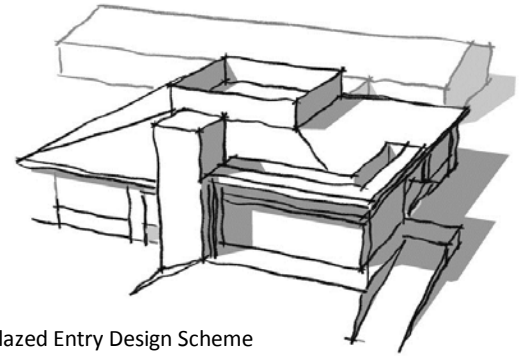
Functional Benchmarking - Duke Link interior spaces

Heart of Campus – interaction between Library building and Pavilion Structure



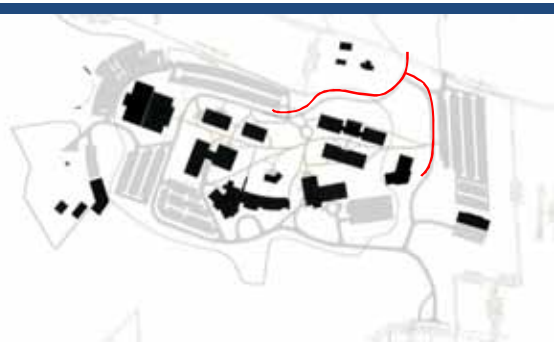


Open Entry Design Scheme



Glazed Entry Design Scheme

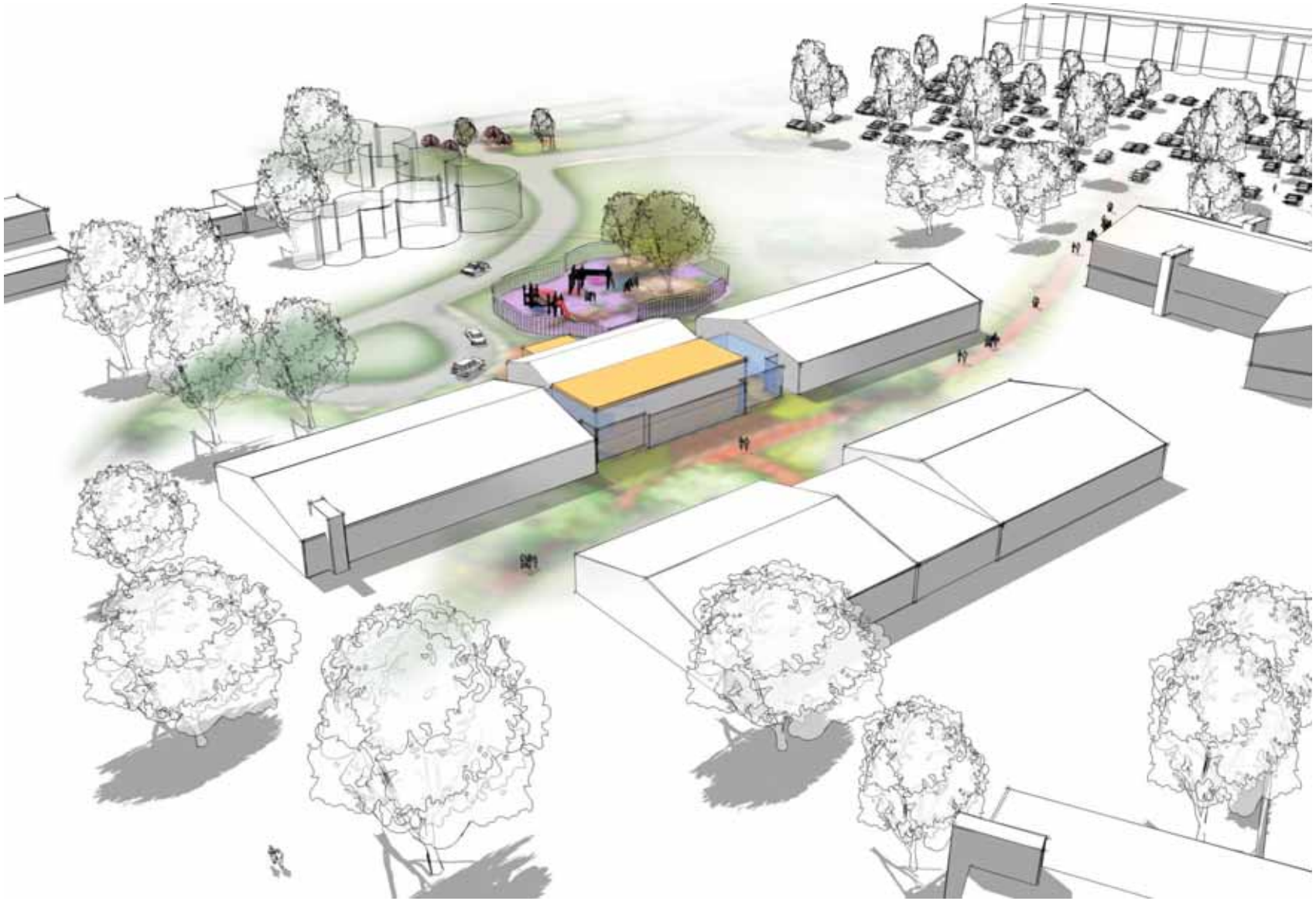
Potential Concept
This concept incorporates an upper-level entrance in the South-East corner of the library – This design allows the entry to cascade into the Campus Grove creating a terraced forum

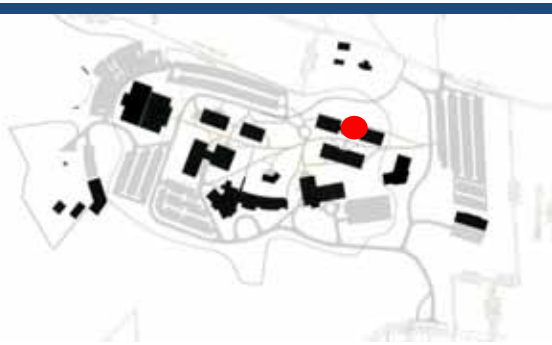


NEW LOOP ROAD

Asphalt paved entry drive from Old Plank Road connecting to existing campus circulation incorporating a new drop-off loop

- New loop road will create a new and more attractive campus entrance from Old Plank Road.
- Allows the completion of a full circulation loop around the campus
- New drop-off loop from will allow for drop-off and pick-up for the Children's Creative Learning Center
- Removes pass through vehicular traffic from south parking lot
- Previous east entrance from Old Plank Road can be gated /closed for day to day use, but allows entry for public uses of the south parking lot – allowing parking for public use of the Shaffer walking trail.

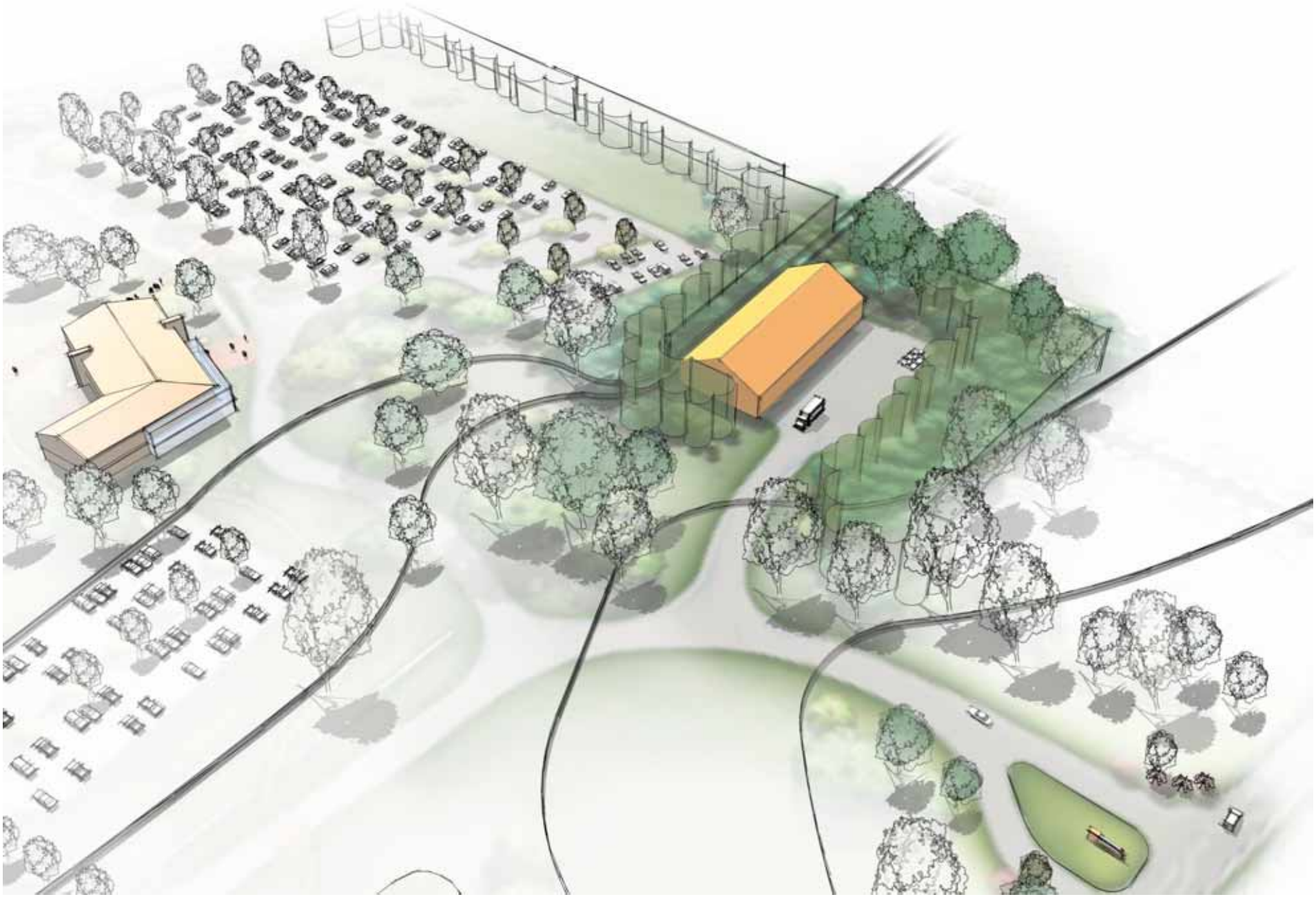


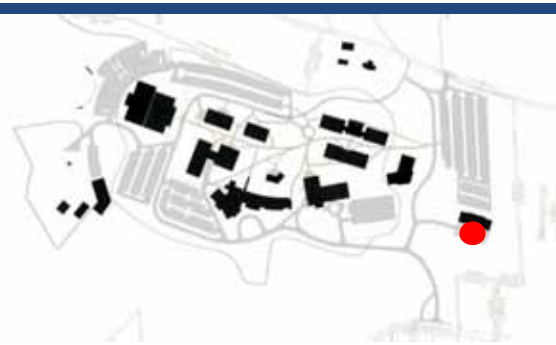


Children's Creative Learning Center

Enclosed connection and entry vestibule between the Arts & Hospitality and Social Science buildings also accessing the Children's Creative Learning Center. This connection will mirror the recently constructed Humanities & Education connection.

- New entry to the east side of the existing Children's Creative Learning Center accessed by a new drop-off loop and an addition to the west side of that space.
- Provides proper instructional space for children's learning programs
- New secure fenced-in outdoor learning center and play area
- This project will create a student sub-quad and outdoor interaction space along Pioneer Path in this area of the campus.





MAINTENANCE FACILITY

Relocated maintenance facility to the outside of campus . Proposed design incorporating a new building for facility operations, storage, shipping & receiving.

- Relocation of this facility to the edge of campus removes equipment and service traffic from student pathways
- Enlarged mechanical storage shed to enclose and protect maintain equipment
- New access drive for facility operations keeping on-campus service traffic to a minimum.
- Paved parking for facility equipment and loading
- Strategic location takes advantage of screening by existing trees

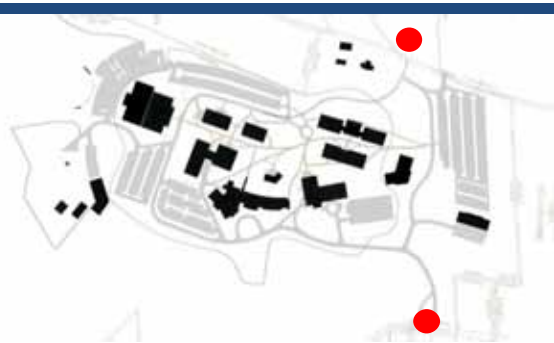
Concept Signage Design - Utilizing the Recommended Architectural Material Palette

Campus Gateway Plan

Campus Gateway Concept

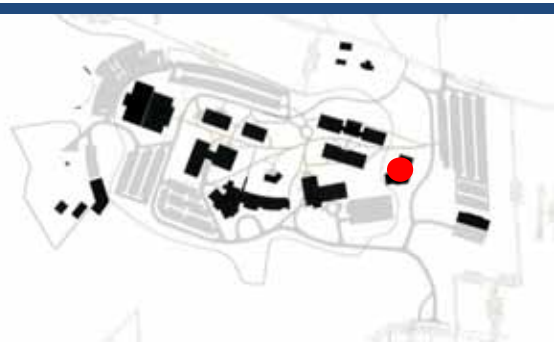
Design Benchmarking –Entry Signage

Design Benchmarking – Sculptural Signage



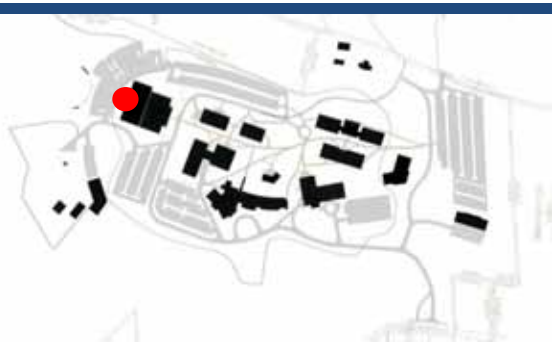
CAMPUS GATEWAYS

- Formalized first impression
- Set campus identity
- Similar entry signs at the west and east entrances to the campus
- The western gateway is planned to be a split entry with signage located on an island between
- Gateway signage would consist of architectural materials from the same palette as the campus buildings
- Appropriate landscaping
- Followed by way finding and possible branding signage along vehicular routes



CONTINUING EDUCATION & ACADEMIC BUILDING
New building to house Continuing Education, and academic programs. Building footprint is located to respect both axis created by existing buildings

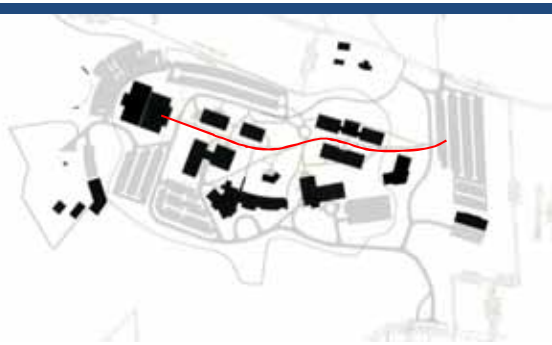
- 2 story design located along Pioneer Path allows possible pass-through 2-story atrium space and direct entry from southern campus parking
- Strategic location relieves parking loads from the center of campus
- Location on the edge of campus allows for easier access by continuing education students



FIELDHOUSE EXPANSION AND FITNESS CENTER
2-story addition/expansion north of the existing field house.

- 2-story addition will accommodate a fitness center on the ground level with a running track above.
- Vestibule/lobby off of the North parking lot
- Integration of the Shaffer Walking Trail Head

Design Benchmarking – Formal walk, defined path, and signature plantings

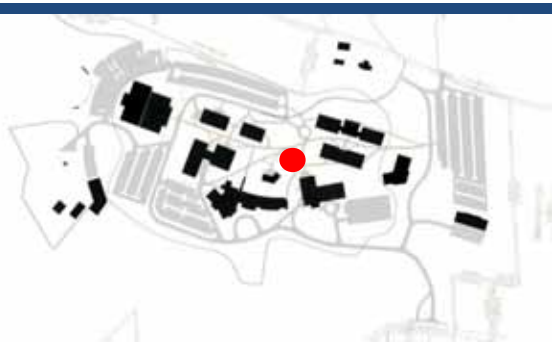


PIONEER PATH

Formalized main student walk through Butler County Community College unique from other paths and walks. This walk called ”Pioneer Path” is designed to have one head at the Northern-most (field house) parking lot, and another head at the southern-most campus parking lot. This path can be delineated in several ways, ranging from paving materials to plantings unique to this route.

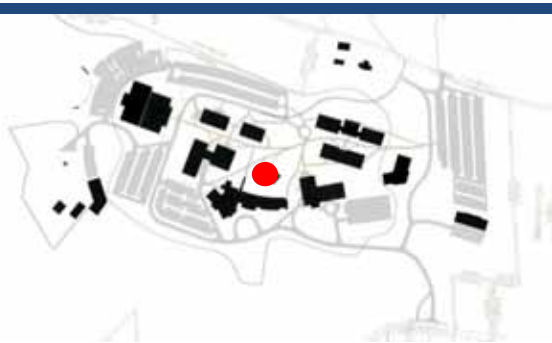
- Allows for additional way finding opportunities to give each building along Pioneer Path an address
- Reinforces a collegiate campus feel, student engagement, and campus image . This pedestrian highway also generates opportunity for student teacher interaction, and student experience
- Creates hierarchy of pedestrian circulation campus
- Creates opportunities for benches and seating areas along this Pioneer Path.
- Opportunity for Integration of an energy efficient lighting system to emphasize this main pathway

Design Benchmarking – Iconic design and materials



CAMPUS ICON
A designed visual sculptural and iconic marker located along Pioneer Path

- Reinforces campus identity
- Identifier helps to encourage student engagement in the Butler County Community College experience

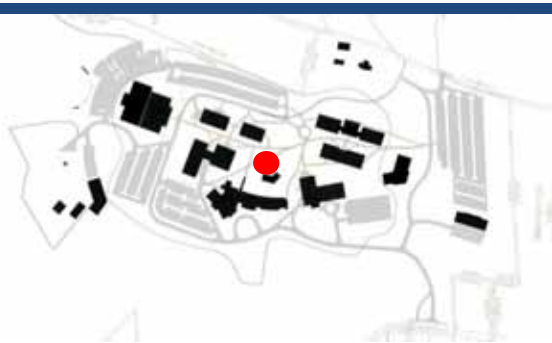


PAVILION
Multi-use structure (three season space) located within the heart of the BC3 campus constructed where the forum is currently allowing opportunity for student as well as public use. The design can potentially incorporate a public address system, cooking/grilling equipment, and an outdoor fireplace.

- Repurposes the currently under-utilized forum
- Designed in a way to respect and pay homage to the currently existing forum
- Provides opportunity for outdoor instructional sessions, large-group presentation, and public events space
- Potential usage as picnic shelter/ recreational venue

Design Benchmarking – Unique design and exposed structure

Design Benchmarking – Grove

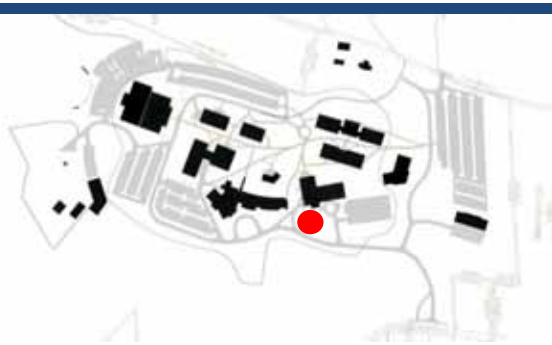


THE GROVE
Refinement of the informal commons with a green ceiling located within the heart of campus

- Creates an outdoor commons area for the Library, Science and Technology Building, Student Success Center, and Pavilion
- Provides an area for outdoor student activities
- Reinforcement of the vegetative ceiling over the campus green
- Raise the canopy through trimming and selective cutting

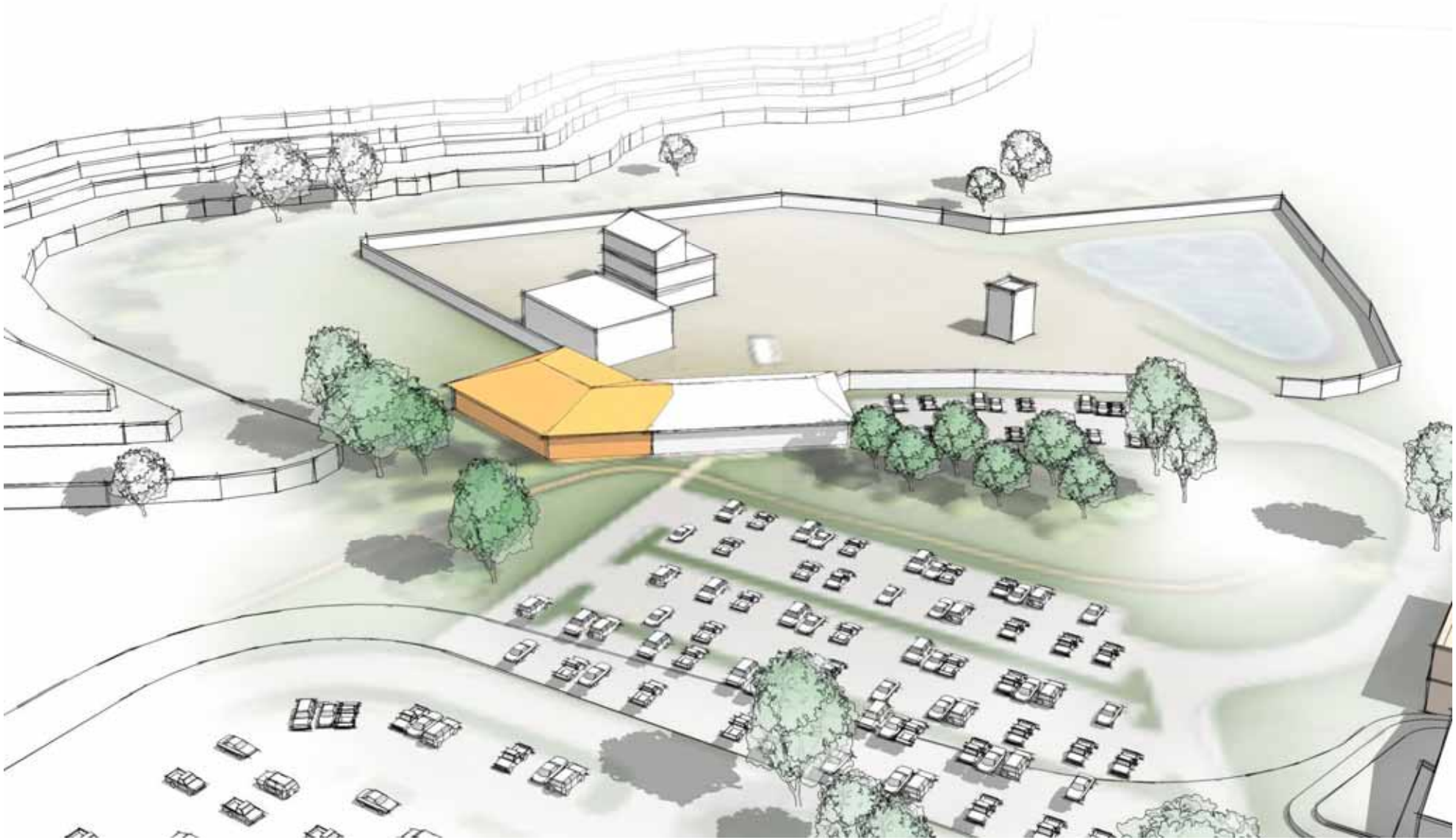
Student Success Center Backdrop

Edged Terracing



WEST CAMPUS DROP-OFF
Existing drop-off renovated in a more refined design creating a more formalized approach to the Student Success Center entrance.

- Allows for a formal entry/presentation area framed by the Student Success Center entry and BC3 logo
- Terraced landscape design



PUBLIC SAFETY TRAINING FACILITY EXPANSION
Multiple uses and opportunities
Grant and funding dependent

- Business & Industry Training
- Public Safety Training
- Gas and Oil Industry

MULTI-PURPOSE ATHLETIC FIELD UPGRADE
Multi-use sports field that can be utilized

- Creates an area for soccer, lacrosse, and field hockey among other sports
- Large multi-use green event space