**Station 1: Coordination of Academic Programs and Physical Planning**

What is being done well?

* Colleges in close proximity to each other
* Buildings for colleges in walking distance to each other (for some colleges)
* Density of campus (Allows for collaboration)
* Good Wi-Fi on North Campus

What could be improved?

|  |  |
| --- | --- |
| * Move Grad program out of North Campus to more remote areas/ Strengthen undergrad academics on North Campus
 | **(1 red)** |
| * Consolidate programs
 |  |
| * Strengthen connections to Hillsborough Street. May mean night activities.
 | **(1 red – 1 orange)**  |
| * Strengthen sense of place/pedestrian for Scott Courtyard
 |  |
| * Add “European” fountains at each exterior hearth to fill water bottles and create community space/ gathering
 | **(1 red)** |
| * Strengthen identity of All-Campus Path (Add glass block accent)
 | **(2 orange)** |
| * Increase mix use activities

Mini- citiesTrue Neighborhood amenitiesOn campus ‘Pub”/ Student basement space | **(12 red – 6 orange)** |
| * Increase collaboration spaces

Exterior need to be largerMore quantity needed within buildingMore informal spaces neededCreate “Third” place (Park Shops too small, D.H. Hill Library – students not staff) | **(13 red – 8 orange)** |
| * Need more dining- open late hours

C-Store (Park Shop or add items)Healthy food choices | **(2 red – 1 orange)** |
| * Room numbering/ Wayfinding within building needs to be improved
 |  |
| * Classrooms need universal tech/ set up

Need large size auditoriums 100+ | **(2 red – 6 orange)** |
| * Engineering/COE and PCOM remote from one another

Need more interdisciplinary space to bring together colleges |  |
| * Need more buildings/space with student life functions

Activities take place in academic spaces during off-hoursExpand dance/music options during class timesAdd student housing | **(1 red)** |
| * Increase/ celebrate academic activities on campus
 | **(2 orange)** |
| * Brand colleges (Banners, Lights, Artwork)

Create physical neighborhood through brandingCore university functions need identityCreate pedestrian/bike streets to brand/ connect (way finding) | **(1 red – 3 orange)** |
| * Improve physical links between neighborhoods (E – W)

Connection to central precinct |  |
| * Update buildings for today’s requirements
 |  |
| * Quality lab space(Research and Teaching)

Need to improve and need more demolition/ renovation, poor space | **(3 red – 4 orange)** |
| * Need flexible building without ownership

Bring students out of college buildingIncrease open work spacesImprove “The Pit’ outdoor area by Kamphoefner HallIncrease community space | **(1 orange)** |
| * Consider impact of Business Operation Centers
 |  |

**Station 2: Mixed-Use Activities Issues**

What is being done well?

* **Urban Agriculture – Fig Trees in Gov’s Scott Courtyard**
* **Library**
* **Food Options**
* **Outdoor Classrooms**
* **Bookstore on North Campus – Store in Dabney Hall**
* **D Store/ C Store – has some art supplies**

What could be improved?

|  |  |
| --- | --- |
| * Housing:

Visiting scholars need space, potentially across Hillsborough St by Gregg Museum (former Chancellor’s Residence)Need a campus hotelAdd housing to Harrelson Hall replacement building  | **(1 red – 2 orange)** |
| * Add Playground/ Skate park
 |  |
| * Add Gym
 |  |
| * Caldwell Hall Common (currently study space, but also booked for events: need quiet zone)
 | **(1 red)** |
| * Students out of session (Night/Weekend) - no amenities open
 |  |
| * Capitalize on empty classrooms during non-booked times (Dance group in large open plan)
 | **(1 orange)** |
| * Traffic calming on Stinson Dr
 |  |
| * Tompkins Hall - rooms with video need individual speakers/headphones
 |  |
| * When bookstore open in Talley Center, Harrelson Hall bookstore closes- need a satellite bookstore with office supplies; expand atrium bookstore, need a place to drive and park on Hillsborough St possibly
 | **(1 red- 2 orange)** |
| * D Store/C Store at Kamphoefner Hall needs:

Better/longer hoursExpand studio supply collection24 hr coffee vending | **(1 orange)** |
| * Seating with charging stations (like at airport)
 | **(8 red – 4 orange)** |
| * Adding/Blurring visibility between inside/ outside

1st Floor functions – Public study place rather than closed off classroomInterior windows to see creative/collaborative functions | **(2 red – 7 orange)** |
| * Mann Hall and 1911 Building – Nice Porch, but no seating/tables

Witherspoon Center - limited seating | **(2 red – 2 orange)** |
| * Accessible/Public can use facility v. safety/security

Balance longer hours, public functionsMore people can be more safe |  |
| * Lactation/ Mother Rooms
 |  |
| * Medical facilities? “Urgent care” ( Staff use of student health center, specifically in an emergency)
 |  |
| * Childcare: campus is not kid friendly; stroller/ bike/ wheels on sidewalks are not easy
 | **(2 red)** |
| * Food:

Beer/Adult beverage options on campusMoveable food carts – Centralized locations rather than on edge of campusUrban agriculture – allow ‘community plots’ for studentsCurrent food options - Not always convenient location and hoursNeed healthy choices- advertise at shopsAdd student garden by Kilgore/Scott Halls and Court of North CarolinaMore days for Farmers Market (Permanent/Covered spot) | **(11 red – 6 orange)** |
| * Art – Way finding, vertical
 | **(1 red)** |
| * Gathering/Art

Renewable energy-based art: Icon for neighborhoodOrganize a place that lists art, ties pieces togetherCovered outdoor spaces (specifically by housing) Better utilize green space lawns: open entertainment, outdoor films, Campus AmphitheatreLarge Classroom with moveable seating- change room configurationOutdoor tables/ maybe add power | **(2 red – 7 orange)** |
| * Aesthetically- backdoor/dumpster/service areas:

No longer behind building - upfront and center as buildings filled in around campusBalconies on south of buildings (student hangout, not stuck on ground floor) | **(2 red – 1 orange)** |
| * Central/ Unifying/Ceremonial Space need:

At University Plaza? Bell tower? | **(1 red)** |
| * Library is crowded

Indoor gathering needed- conference space for staff with sinkStudy areas for reservation | **(2 orange)** |

**Station 3: Design Harmony, Human-Scaled Neighborhoods and Paths**

What is being done well?

* Overhead plans at Bostian Hall for human scale
* Watauga gateway
* Brickyard
* Stinson and Lampe Drive
* Nelson Hall south side landscaping and seating
* Meandering paths at Court of North Carolina
* Leazar Hall is brilliant

What could be improved?

|  |  |
| --- | --- |
| * More interior lit lobby spaces on campus
 |  |
| * Better utilization of space between dorms/ Dress up space like Tucker - Rain gardens
 | **(9 red – 4 orange)** |
| * Slick/ unsafe brick pavers- Better maintained (Especially at grade changes; Caldwell Hall Tunnel)
 |  |
| * No service vehicle parking on paths: culture change (especially at Brooks Hall, Park Shops)
 | **(1 red)** |
| * More planning of large shade trees and different types of trees
 | **(1 red)** |
| * Wayfinding and beautification on brickyard for open house
 | **(1 red – 2 orange)** |
| * Walking tour/ exercise brochures that highlight educational info
 | **(3 orange)** |
| * Emergency repair to coordinate and demarcate pedestrian detours
 |  |
| * Need showers
 |  |
| * Need a more intimate trellis at Governors Scott Courtyard
 |  |
| * Dan Allen Dr Gateway- more welcoming
 | **(1 red – 4 orange)** |
| * Need non-building features/ infrastructure (walls, landscaping, water) to define pathways, streetscapes, etc.
 |  |
| * Branding E-W Edges
 |  |
| * Hillsborough St edges need more gathering spaces- break up hedgerow
 | **(4 red – 7 orange)** |
| * Skateboarding vs. pedestrian conflicts
 | **(3 red – 3 orange)** |
| * Inside buildings- better management of recycling stations
 |  |
| * Path needed on E side of Kamphoefner Hall
 | **(1 red)** |
| * Formalize pig paths: Pullen Rd to Brooks Hall, side of DH Hill Library
 | **(2 orange)** |
| * “The Pit” at Brooks and Kamphoefner Halls need reorienting and redesign of stairs
 | **(1 red)** |
| * Bragaw Hall needs updating
 |  |
| * Emergency generators need better placement and landscaping/ screening especially behind Lee and Bragaw Halls - Many visitors
 |  |
| * Better defined bike paths north of Thomas Hall
 |  |
| * Develop seating/ gathering spaces at Fox Labs and Scott Hall
 |  |
| * Path along Dan Allen Dr
 |  |
| * Add exterior architectural element to Kamphoefner Hall to bring scale down to human level
 |  |
| * Mary Yarborough Court needs a destination space, needs benches, etc.
 |  |
| * Entrance at DH Hill Library on Hillsborough St too big and locked
 | **(4 red – 2 orange)** |
| * Fixing color wall at DH Hill
 | **(4 red)** |
| * Additional removal of parking on Stinson Dr
 |  |
| * Modernist “ramming” into traditional building (example: Leazar Hall)
 |  |
| * Seating at Scott Hall and open handrails
 |  |
| * Harrelson Hall replacement – Temporary and long-term landscaping/hardscaping
 | **(1 red – 3 orange)** |
| * Arcades should be on south side of buildings, not north
 |  |
| * Convert south-side service areas (like Kilgore Hall) to people places- hide dumpsters
 | **(1 orange)** |
| * Add more variety to material palette and expression
 | **(2 red)** |
| * Define our street ways in terms of hierarchy (Primary vs. Secondary)
 | **(4 red – 1 orange)** |

**Station 4: Sustainability**

What is being done well?

* Fixing up old buildings (preservation and adaptive reuse)
* Shaded paths
* Labeling “landfill” trash cans
* Rocky branch signs – education
* Syme rain garden
* Posters with education (ie – dumpsters on Dan Allen)
* Farmer’s market – good choices
* Solar gazebo
* Good experiences with waste reduction and recycling

What could be improved?

|  |  |
| --- | --- |
| Buildings are over cooled in summer – seems like waste  | **(1 red – 2 orange)** |
| Consolidate summer classes for energy efficiency |  |
| Repurpose buildings – use as educational tool |  |
| More internal windows |  |
| Gardens – rooftops! |  |
| Outdoor compost bins outside residence halls (closed)  | **(1 red – orange)** |
| Capture friction energy from trains over tracks |  |
| Inductive charging for buses |  |
| Energy performance contract – want feedback (savings outcomes) for occupants  | **(1 red)** |
| Using dashboards for energy competitions  | **(1 red)** |
| Communicate forestry expertise at NCSU on campus. |  |
| Communicate programs like “pack and give” more effectively |  |
| Nice looking solar gazebos (more!)  | **(1 orange)** |
| Problems with heating and cooling; need more efficient settings that students can alter |  |
| Gold Hall has computers running – go to sleep?  |  |
| Wolf-wheels – pick up/drop off bikes in more locations  | **(2 red – 4 orange)** |
| Looking for funding for further rocky branch maintenance and enhancement  |  |
| Solar Panels on parking decks  | **(2 orange)** |
| Fix large temperature fluctuations (Polk, Williams, Kilgore, Page)  | **(2 red)** |
| Lots of microfridges – instead of more efficient central fridges |  |
| More shower facilities  | **(2 orange)** |
| Educational signage in bus stops, buildings |  |
| Keep sustainability tours updated (admissions) |  |
| Walk Raleigh Program – like signage  | **(2 red)** |
| More solar powered charging stations for personal electronics  | **(1 red – 3 orange)** |
| Need smart grid |  |
| More smart sensors to reduce/regulate utilities  | **(2 red – 1 orange)** |
| More small recycling bins in each room  | **(1 red)** |
| Use grey water  | **(1 red – 1 orange)** |
| Storm water management upgrading systems  | **(1 red)** |
| Expansion of farmer’s market  | **(3 red – 1 orange)** |
| Expansion of food trucks with good food – fruits and veggies |  |
| Need a “greeter” on brickyard for welcoming/ directing folks |  |
| Dashboards in outdoor space for whole campus – brick yard  | **(2 orange)** |
| Website to track campus energy |  |
| Wake Co bus transportation (TTA, CAT): safe, clean, reliable, easy to access  | **(1 orange)** |
| Dedication and commitment to demolition of old buildings (window A/C units are inefficient i.e. – Gardner Hall)  | **(1 red)** |
| Concern with lack of funding to sustainability (ie – Jordan Hall, Fox Labs) – “value engineer-ed” sustainable elements  | **(1 orange)** |
| More shading – trees!  | **(1 red – 3 orange)** |
| Biltmore, Williams window replacement caused moisture problems |  |
| Grow more food on campus – ie: behind Kilgore Hall  | **(2 orange)** |
| Photovoltaic Panels on all roofs and solar thermal, green roofs and green walls  | **(12 red – 1 orange)** |
| Combine green roofs and food production  | **(1 red – 2 orange)** |
| Collect all rainwater for irrigation and toilet flushing  | **(5 orange)** |
| Any new buildings should generate ¾ of their electricity needs |  |
| Cover bicycle parking  | **(1 red – 1 orange)** |
| Renovating should include day lighting strategy  | **(1 red – 1 orange)** |
| EV charging stations |  |
| Need post-consumer “organics” compost option |  |
| Wind turbine retrofit on tall buildings  | **(1 orange)** |
| More meeting spaces outdoors with covering (shade, wind, rain)  |  |

**Station 5: Pedestrian-Oriented Campus Issues**

What is being done well?

* Improvements on Hillsborough Street
* Improvements to Free Expression Tunnel
* Good lighting between North and Central
* Park Shops walk/ adding back cherry laurels

What could be improved?

|  |  |
| --- | --- |
| * All streets could benefit by narrowing them down
 |  |
| * Yarbrough Dr improvement needs to avoid conflicts with pedestrian and service vehicles
 |  |
| * Pedestrian crossing in front of Bell Tower where no crossing lights are at circle
 | **(I red)** |
| * Better lighting along Lampe Drive.
 |  |
| * Skateboard users need to obey traffic laws
 |  |
| * Dixie Trail and Hillsborough St intersection needs improvements
 |  |
| * Better traffic control coming along Stintson Drive.
 |  |
| * More crossings over/below Railroad for access to Central Campus
 | **(2 red – 1 orange)** |
| * Add more bike stations for rentals
 |  |
| * Dan Allen Drive at Railroad bridge needs a more defined pedestrian crossing – crosswalk at Parking Deck needs improvements
 | **(1 orange)** |
| * Plan for better pedestrian movements along Stintson Dr/ Pullen Rd when parking deck at old Riddick Stadium comes online
 |  |
| * Bricks in shady areas are slick
 | **(1 red – 1 orange)** |
| * East side of Railroad Bridge over Dan Allen Dr has water dripping onto pedestrian path
 |  |
| * Need more showers in buildings
 | **(1 red – 4 orange)** |
| * A place for skateboarders to use to keep them off of public areas
 | **(1 orange)** |
| * In general: need signals at pedestrian and vehicle intersections for safer crossing
 |  |
| * Lighting in Free Expression is often painted over
 |  |
| * Kilgore Hall east walkway needs to be replaced
 | **(3 red – 2 orange)** |
| * Parking along Stinston Drive should be removed
 | **(1 red – 2 orange)** |
| * Need to increase bike parking and covered parking with security cameras
 | **(6 red – 3 orange)** |
| * Increase LED lighting for safety along pedestrian routes
 | **(1 orange)** |
| * Clear direction on Blue Light Phones sight lines
 |  |
| * Better lighting in all tunnels
 |  |
| * Better definition of neighborhood spaces (branding)
 |  |
| * Lack of Pedestrian paths around Yarborough Stream Plant
 | **(1 orange)** |
| * Rental for “Segways”
 |  |
| * Address issues of students scaling western wall at Yarborough Stream Plant
 |  |
| * Need to complete all campus path behind Patterson Hall- to brickyard
 |  |
| * Pullen Park/ Western Blvd/ Gorman St missing pedestrian links to campus
 | **(1 red – 2 orange)** |
| * Sidewalk on north side of Caldwell Hall is too narrow
 | **(1 red)** |
| * ADA accessibility issues
 | **(2 orange)** |
| * Bicycle and pedestrian conflicts with skateboards
 | **(1 orange)** |
| * Clear designation of bike lanes
 | **(1 red)** |
| * Morrill Drive approaching Western Blvd. east-side missing sidewalk link, around Warren Carroll Drive
 | **(1 red)** |
| * Dan Allen intersection crossing at Hillsborough street needs improvements
 | **(8 red – 4 red)** |
| * Hillsborough St roundabout produces conflicts with vehicles and pedestrians
 | **(1 red)** |
| * Lack of bike access at Free Expression Tunnel during class changes
 | **(1 red)** |
| * Public safety needs to address skateboarders
 |  |
| * Better connections through buildings to link pedestrian route at edges: example DH Hill Library at Hillsborough St
 | **(2 red – 4 orange)** |
| * Use art to connect spaces
 | **(1 red – 6 orange)** |
| * Add button for bike users at all intersections
 |  |
| * Ban all vehicles one day each year
 | **(1 red)** |
| * Need sidewalk connecting Cates Ave to Western Blvd
 |  |
| * Yarborough Drive needs pathway that is continuous
 |  |
| * Between Leazar and Kamphoefner Halls - pedestrian sidewalk is not wide enough
 |  |
| * Keep cars and trucks out of Willow Oaks along Dunn Ave
 |  |
| * Look for other opportunities to use materials besides brick
 |  |
| * Connect All Campus Path to city edge
 | **(1 red)** |

**Station 6: Effective Vehicular Movement**

What is being done well?

* Founders Dr bus way
* TransLOC Tracking
* Stop announcements
* Recent: Avent Ferry signal timing

What could be improved?

|  |  |
| --- | --- |
| * More visitor parking/ Offloading for corporate and regular users
 | **(3 red – 1 orange)**  |
| * Vehicle/Car congestion
 | **(1 red)** |
| * Reverse bus (Shuttle Route)
 | **(3 orange)** |
| * Large map of campus
 | **(2 orange)** |
| * Lot removal in “hallowed” areas/Decrease number of pedestrian conflicts
 |  |
| * North Hall lot – change to deck
 | **(2 orange)** |
| * Parking in general
 | **(1 red)** |
| * Founders Dr has pedestrian conflicts (safety)
 |  |
| * Bus turn radius at corner/ Pedestrian Safety
 |  |
| * Bus connectivity: Trailwood Rd/Tryon Rd to south of campus
 | **(2 red – 1 orange)** |
| * Small utility vehicles in pedestrian zones
 |  |
| * Expand and improve bike connectivity through tunnels under railroad tracks
 |  |
| * Bike lanes
 | **(6 red – 6 orange)** |
| * Bike racks on bus
 | **(2 red – 3 orange)** |
| * Decrease the number of parallel parking (Pedestrian safety)
 | **(1 red)** |
| * Decrease the number of state-owned vehicles on North Campus, relocate

Move closer to department needs |  |
| * Better loading zone for department vehicles, store vehicles elsewhere on North Campus (Dan Allen Deck?)
 | **(3 red – 4 orange)** |
| * Better Centennial to North Precincts transit
 | **(12 red – 4 orange)** |
| * Reduce size of wide load buses
 |  |
| * More ART (not advertising) on exterior of buses
 |  |
| * Better visitor parking info
 |  |
| * Better signage at gated entrances
 | **(1 red)**  |
| * ‘Full Bus’ notification on bus app
 |  |
| * Bus drivers pull out on Hillsborough St in bus stop zones
 |  |
| * Quieter golf carts/Kubota (prefer EV)
 |  |
| * Gate opening capacity on ID Card/ windshield tag
 | **(2 orange)** |
| * Service hubs – Multi use? For use in non-service times/outside normal operating hours
 | **(1 red)** |
| * Integrate vehicular and pedestrian pathways (example - continue Stinson Plaza)
 | **(1 red -- 2 orange)** |
| * Designate Kubota Parking (Short term)
 | **(1 red – 1 orange)** |
| * Gold Courtyard access
 |  |
| * Reduce certain one way streets (eliminate on-street parking)
 | **(1 orange)** |
| * Parking deck in place of Brooks lot (north of Hillsborough St) to free up campus spaces
 | **(1 orange)** |
| * Formal signage that estimates “time-to-walk-to-[point of interest]” signs on/ near campus
 | **(1 orange)** |
| * Security van (Night)
 | **(1 red)** |

**Station 7: Other Planning Issues**

What is being done well?

* Redesign of Hillsborough Street in front of NC State
* Edges are well defined on North Campus
* Watauga Club Gateway
* Like Bricks!
* Brickyard has matured well, mature trees
* Court of North Carolina- Outdoor classrooms
* Gardner Arboretum

What could be improved?

|  |  |
| --- | --- |
| * West end of Hillsborough Street, integration with Stanhope neighborhood
 |  |
| * Transition of traffic toward campus from downtown and west. Transition from Blue Ridge Rd to Vet School and East
 |  |
| * Ease to find tunnel to Talley Center and make North and Central Precincts feel connected
* Connectivity between North and Central Precincts (pedestrian)
* Other tunnels need to be accessible and improved (like Free Expression Tunnel)
 | **(7 red – 3 orange)** |
| * New fountain (since Talley fountain has been removed)
 | **(1 red – 4 orange)** |
| * Further development of Governors Scott Courtyard (empty feeling)
 | **(1 red – 2 orange)** |
| * Continue to reinforce connections between open spaces and make improvements to help with way finding
 |  |
| * Outdoor classrooms
* Tables, benches for studying
 | **(7 red – 1 orange)** |
| * Celebrating successes of the neighborhood academically; to give understanding of what is occurring in neighborhood through place and location
 | **(4 orange)** |
| * Peach tree at Scott Hall
 |  |
| * Pedestrian improvements at roundabout
 |  |
| * Dangerous pedestrian crossing at Dan Allen Dr and Hillsborough St
 | **(1 orange)** |
| * Pedestrian connectivity between College of Design and rest of campus toward West
 | **(1 red – 1 orange)** |
| * Place on campus to participate in Art- Performing Arts Center
 | **(1 orange)** |
| * More announcement of NC State edges/ entries (ex: along Western, east to west; Bell tower; Hillsborough St from west
 | **(1 red)** |
| * Announcement of activities- strategic places for electronic displays
 | **( 2 orange)** |
| * Smartphone APP for map to find buildings and aid way finding include maps of building interiors.
 | **(1 red)** |
| * Gardner Hall needs investment; Life Sciences have not received support. Demolish ‘400 wing’. HVAC/fume hood issues ongoing.
 | **(1 red – 4 orange)** |
| * Move science-based graduate programs to periphery of campus
 |  |
| * Campus edge at Hillsborough St feels walled off (DH Hill and other locations)
 |  |
| * Pullen Rd at Hillsborough St needs stronger gateway feel
 |  |
| * Pullen Rd at Western Blvd needs stronger gateway feel
 | **(1 red)** |
| * Entrance to DH hill bad- big stairway to Brickyard to create gathering place (Spanish steps in Rome)
 |  |
| * Centennial Precinct gateways need improvement, need to feel more like Watauga Club Gateway
 | **(1 red – 2 orange)** |
| * Street signage at corners are not readable because both signs are at same elevation
 | **(1 orange)** |
| * Pecan trees at edges to brand campus edges (like Dan Allen Dr at Nelson Hall) perhaps on north side of Hillsborough St as well.
 |  |
| * Develop more small intimate outdoor spaces between buildings
 | **(2 red)** |
| * Re-establish the former charm of the pathway north of Parks Shops
 |  |
| * Define historic place and reinforce with plants, seating type, etc.
 |  |
| * Move future Light Rail station in Pullen Park to campus- potential for pedestrian issue if student have to cross Pullen Rd
 | **(1 red – 1 orange)**  |
| * Outdoor Wi-Fi (and indoor)
 | **(6 red – 2 orange)** |
| * Sign for Gardner Arboretum
 |  |
| * West side of DH Hill gateway aesthetics not good /needs to be developed- needs roof, shelter (looks like the back of a hospital)
 |  |
| * Too many restrictions on use of outdoor spaces for events, etc. (Creates 2 campuses; activities occur on Central Campus not North Campus)
 | **(1 red)** |
| * Accessibility of walks, uneven surfaces
 | **(1 red)** |
| * Harrelson replacement- attach to Cox/Dabney so Brickyard can be expanded
 |  |
| * Replace Harrelson with another unique building- big, domed greenhouse at center of building
 | **(5 red – 5 orange)** |
| * Honor recognition- Buckminster Fuller and geodesic dome
 |  |
| * Brand our space with a light type that’s different and identifiable
 | **(1 orange)** |
| * Contemporary landscape space needed (include Wi-Fi, sculpture, etc.)
 | **(2 red)** |