

**MASTER PLAN WORKSHOP 11.1.12
South Campus Precinct**

Station 1: Coordination of Academic Programs and Physical Planning

What is being done well?

- Proximity between Centennial and Central Campus Precincts
- West Manor location/ proximity to Central Campus is desired
- Visitor center is in good place (good but limited parking)
- Proposed sports fields good to connect to North/ Central Precincts
Tie Greek/ Centennial/ Avent Ferry
- Easy access for non-university personnel (Don't want to sacrifice)

What could be improved?

• Feel like in transitional "connector" space	
• Add hotel at McKimmon for family visits	(3 orange)
• Western Blvd and Avent Ferry Dr feel non-welcoming	(3 red – 1 orange)
• Varsity Dr needs improved connection to Central and Centennial Campuses	(7 red – 6 orange)
• Varsity Drive south entry is not defined	(2 orange)
• Strengthen Varsity Drive as connector/ Improve way finding between campus precincts	(1 red – 2 orange)
• Need more student common shared space for "study"	(1 orange)
• Outdoor gathering spaces needed	(1 orange)
• Difficult to get academic people to come to Varsity Research Building	(1 red – 2 orange)
• Strengthen Connection from Greek Village to Avent Ferry restaurants, retail, and central dining	(4 red – 4 orange)
• JVC focus (purpose) to serve daily visitors (May need to relocate groups out of building)	(1 red)
• Growth in conference space/ parking to support McKimmon	
• Could South Campus be part of Centennial public/private	(1 orange)
• New academic area along Western needs appropriate parking	
• Push vehicle traffic to Varsity/ Western/ Avent Ferry Don't cut up "through" Greek Village	(1 red- 2 orange)
• new academic buildings along Western Blvd would be good location for Education	(2 orange)
• Change Varsity Research to Housing	(2 red)
• Improve paths to Central Campus academic with pedestrian and bike crossing (maybe underground)	(1 red)
• Visitor center not near walking tour	(1 red)
• Dining connection could be improved	(2 red – 2 orange)
• Recreation needs to be improved	
• Sea Grant and Water Resources Research Institute needs improved connection with National Weather, MEAS, and Bio Ag Engineering	
• Greek Village feels like an island	(1 red – 1 orange)
• JVC needs connection to Admissions, Academic Space, and Financial Aid	(5 red – 1 orange)
• Varsity Research Building needs to be integrated into campus	(2 red – 1 orange)
• JVC should be paired with Career Center	(1 orange)
• McKimmon and other locations need to increase evening classes	
• Improve/ strengthen East- West green space/ paths	(1 red)

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Station 2: Mixed-Use Activities Issues

What is being done well?

- **Plenty of parking (Western Manor)**
- **PMP- Plan for Rec Fields**
- **PMP- Plan for Greek Village**
- **AF- Guest rooms available at back of complex, little separated**
(Valentine Commons on Hillsborough- attractive, new housing option; maybe example for here)

What could be improved?

<ul style="list-style-type: none"> • McKimmon – Evening Classes 	
<ul style="list-style-type: none"> • Gathering Space • Coffee Shop • Outdoor eating • Theatre, Amphitheatre for concerts, LG speaker 	(7 red – 4 orange)
<ul style="list-style-type: none"> • Community Center at Greek Village Is it for Greek Village only? It should be inviting to visitors Retail is needed 	
<ul style="list-style-type: none"> • “Heart” of precinct needs to be defined –Maybe at Joyner/ McKimmon node Maybe middle of Greek Village, Varsity/ Avent Ferry intersection Building Aesthetics/ Roadways and edges of campus need identification (Make it look like NCSU) 	(7 red – 2 orange)
<ul style="list-style-type: none"> • Food Service available to Avent Ferry as well Concessions should be provided at proposed Sports Fields Willing to locate Food Services at townhomes if dining would co-pay 	(8 red – 6 orange)
<ul style="list-style-type: none"> • Where would existing functions go to create Sports Fields? For example, Solar Center 	
<ul style="list-style-type: none"> • Aesthetic needs – Research at Solar Center not attractive needs to fit into neighborhood Transition to ball fields needed Integrate power to light at fields Fix McKimmon “face” on Varsity so less “back of house” appearance with parking Buy Champion Court, behind Avent Ferry - Fill in precinct 	(4 red – 4 orange)
<ul style="list-style-type: none"> • Food service in community center at Greek Village Within McKimmon? Maybe at C-Store or Coffee shop 	(2 red – 1 orange)
<ul style="list-style-type: none"> • Western manor- unused study room; Convert to Recreation Lounge, Games 	
<ul style="list-style-type: none"> • Western Manor Community Room – Rented from Champion Court Need reservable space Add kids areas since Family Residence 	(1 orange)
<ul style="list-style-type: none"> • Paths and areas to workout rather than need to cross Avent Ferry to Centennial (stations on Centennial parkway) Picnic Pavilion needed Create path from Varsity Research Building through Greek Village to access Avent Ferry 	(2 red – 4 orange)
<ul style="list-style-type: none"> • Not enough parking on side roads (Marcom) 	(1 orange)
<ul style="list-style-type: none"> • Community Center at Greek Village- Is it open to public – Food service/ C- Store should be open to staff at Varsity Research, etc. 	(1 red)
<ul style="list-style-type: none"> • Outdoor space – Co-located at Avent Ferry Potential link to Avent Ferry (Mission Valley) and Greek Village 	(2 orange)
<ul style="list-style-type: none"> • Construct Hotel close to McKimmon and Campus (south campus good location) Need amenities or transit to/from Downtown Buy land south of Varsity 	(4 Red – 5 orange)

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

What is being done well?

- Gateway/entrance to South Campus with Orchard and sign
- JVC in sequence
- Oak trees at Greek Village
- Enhanced entrance to Greek Village and identity
- New green/ path at Avent Ferry/ Western intersection

What could be improved?

• City/university issue along Avent Ferry, for paths and landscaping and erosion on west side	
• Clean up campus	
• Paths designed for student pedestrian traffic	(1 orange)
• Water feature as part of BMP	(1 red – 1 orange)
• Green design with solar panels of roof	(2 red)
• Safety at night	(2 red)
• Sidewalks on varsity drive	(4 orange)
• Area around JVC – needs consistent treatment for landscaping and paths as rest of university	(2 red)
• Bridge Western Blvd. with human-scaled features and landscaping (species by precincts)	(6 red – 5 orange)
• Branding – banners on Western	(1 red – 2 orange)
• Way finding to campus from Gorman	
• Clear pedestrian/bike path connection between western manor, Greek village, rec fields and beyond	(15 red – 9 orange)
• Common materials/palette – e.g. Brick paths, lighting	
• Orchard and new planting plan needed – currently underwhelming	(1 red)
• Limb up magnolias and add understory planting	(1 orange)
• Better connection from gateway to JVC	(2 red)
• Parking at Avent ferry residence hall too close – need buffer, landscaping, path and ADA issues	(2 red – 1 orange)
• Connection from greenway to JVC needed	
• Western and Gorman intersection and Dan Allen	(2 orange)
• Disjoined green spaces – can help blend and organize all	(5 orange)

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Station 4: Sustainability

What is being done well?

- EV charging stations
- Performance contracting
- Consistent
- NC solar center activities
- Storm water for Greek Village, better than Varsity Research Building
- Greek Village occupancy sensors

What could be improved?

• Adding more EV charging stations	
• Planting trees to cool sidewalks, building – in the right places. Run off issues by Avent Ferry Hill floods basement of AV resident	(3 orange)
• Solar bus stops – sustainability aesthetic in architecture especially Greek Village	(5 red – 2 orange)
• Solar shade structures for parking lots	(4 red – 1 orange)
• Green roofs	
• Strategies to build community, i.e. gardens	(1 orange)
• Working with topography to improve erosion issues and maintenance of sites (i.e. near varsity research slope)	
• Day lighting creek behind varsity research. Deal with invasive.	
• Issues with tying lighting and conditioning together (makes it hard to conserve)	
• Issues with building scheduling and occupancy temperature set points – no flexibility	(1 orange)
• Varsity research – issues with scheduling and controls	(1 red)
• LEED – important for recruiting purposes	(1 red)
• Keeping up with other universities	(3 orange)
• Western Manor – not sustainable	
• Rainwater harvesting for landscaping (retrofits and new)	(3 red – 5 orange)
• Heat island effect reduction (retrofit and new)	
• Community garden for S campus and small composting	
• Sustainability important for recruiting (must be visible)	
• Solar lighting and/or daylight sensors on pavement (parking)	(2 reds)
• Use of native plants	
• Bring Andy Fox’s vision of storm water to south campus – an amenity	(3 red – 3 orange)
• Storm water function, repair maintenance	
• More alternative energy, not just at solar house	(1 red – 1 orange)
• Tunnels monorail (crossing Western Blvd) Location/ conflict	(3 red – 6 orange)
• Early college high school Location/ conflict	
• Greenway between north	
• Lights in parking lots – solar?	
• No bike preferred transportation	
• Opportunity for more racks	
• Helps with time required for travel across campus	
• Solar at McKimmon and Varsity Research Building	(3 red – 1 orange)
• Need more living/learning: in residential areas especially	
• Storm water integration into athletics (live/learn)	
• Need more visible sustainability way finding. Aesthetic solar/wind	(1 red – 2 orange)
• Electronic/biofuel/ natural gas/propane buses through residential area (monorail)	
• Greenways into natural areas	(1 orange)
• Making storm water BMP’s (ponds attractive)	(2 red – 1 orange)

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• More mixed use (restaurants)	
• Farmer's market location – think about where to locate with new development	
• Meals at Greek Village – local food	
• Install Solar lighting at proposed sports fields	

Station 5: Pedestrian-Oriented Campus Issues

What is being done well?

- **Varsity drive improvements**
- **Improvement to Avent Western from apartments**

What could be improved?

• Avent and Western crossing issue	(10 red – 2 orange)
• Varsity and Avent Ferry	
• Only driveway connections to front and back of McKimmon	
• Need a better connection from Greek Village to Centennial Campus	(4 red – 1 orange)
• Need greenway connection to other campus – ex) greenway	(2 orange)
• More lighting along varsity – both people and cars	(1 red)
• Blue light safety at all bus stops (wolfline)	(1 orange)
• Hard to have a sense of south campus	(1 red – 2 orange)
• More bike accessibility between campus	(1 red – 5 orange)
• All campus path not defined	(1 red – 1 orange)
• How will varsity access relate to McKimmon's back door	
• Perimeter pedestrian access needs improvement along Avent Ferry	(1 red – 2 orange)
• Varsity and Avent crossing to CC needs improvement	(1 red – 1 orange)
• No connections from western manor to other south campus areas	(1 orange)
• Blue lights are not within sight of each other	(3 orange)
• Keep pedestrian connections along roadways – not between buildings	
• Pedestrian access through "great lawn" at Greek Village	
• Pathway system needs to feel more "campus like"	(5 red – 3 orange)
• Crossing from gravel outflow lot to McKimmon and JVC needs better pedestrian crossing – pathway	
• Need better east-west pathway	
• Need better green space connection – from space to space	(5 red – 2 orange)
• Need path on eastside of varsity from Western Blvd to Centennial Campus entrance	
• Need walkway along Faucette (central campus)	
• Bus stop at Gorman – no direct connection to McKimmon	(1 orange)
• Gorman intersection has poor pedestrian connection at Western	
• Overall better lighting needed throughout campus for safety	(3 red – 4 orange)
• Water fountains along key areas should be added	(2 orange)
• Rest areas – seating needed	

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Station 6: Effective Vehicular Movement

What is being done well?

- **Frequency of Wolfline Service**
- **Egress out of McKimmon for vehicles**
Varsity gateway project
- **Online parking request for visitors**
- **Visitor center is accessible/ lots of available parking**
- **Roadways are accessible to emerging vehicles**
- **Varsity is free of congestion**

What could be improved?

• Too far of a walk to bus stops	
• Bike lanes on Varsity are needed	(4 red – 1 orange)
• Avent Ferry/Western dangerous for all modes (auto, bike, pedestrian)	(7 red – 8 orange)
• Vehicular turning into and out of Avent Ferry Complex	(1 red)
• Parking along Marlom on both sides makes street too narrow	(1 red – 3 orange)
• Walking to McKimmon & having to cross Western is dangerous	(1 red – 3 orange)
• Lit parking areas could be brighter	(1 orange)
• Bike crossing Western is dangerous	(1 red)
• More bicycle parking (covered, safe, well lit facilities)	(1 red)
• Parking on both sides of varsity makes street too narrow	(2 orange)
• Increase visitor parking (Paid visitor parking is costly for visitor center department)	(1 red)
• Increase parking for McKimmon	(3 orange)
• Improve pedestrian connections from gravel lot to McKimmon	
• More greenway connections through south campus are needed	(2 red – 4 orange)
• Emergency vehicle accessibility to McKimmon on be a challenge	
• Skateboarders on roadways is a hazard	(1 red – 2 orange)
• Access/Egross to Avent Ferry Rd. needs improvement	(1 red)
• Visitor Center is isolated from North/Central campus and requires car to go between location	(2 red – 1 orange)
• Western Manor permits should be allowed at other parking areas at South Campus	
• Improve vehicle circulation around S. campus to encourage clockwise travel: Varsity – Western – Avent Ferry	(4 red – 2 orange)
• Limited Parking for Visitor Center	(1 red)
• Slow down speeding vehicles on Varsity Dr.	(1 red)
• Better pedestrian connections to McKimmon	
• More parking at Greek village especially after-hours during chapter meetings	(2 red)
• Increase visibility/availability of multi-model options for travel to other places around campus	
• More integration of Wolfline/TTA/CAT bus stops along Western Blvd.	(3 red – 2 orange)

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Station 7: Other Planning Issues

What is being done well?

- Visitor Center – good way finding design
- McKimmon Center – good way finding design
- Greenway
- Greek Village design will energize this campus and help increase density
- Good that some awful buildings have been demolished

What could be improved?

• Many very dark places; improve lighting	(1 orange)
• Surrounding neighborhoods are 'sketchy'; high crime rate – makes McKimmon Ctr feel unsafe	(6 red – 4 orange)
• Would be nice to share rec field with community	(1 orange)
• Not a good idea to share sports fields with community	(2 red – 1 orange)
• Proposed East-West connector street south of McKimmon is BAD for solar centers existing research and training facilities, solar house investments made on site	(2 red)
• Improve south edge of Western Blvd; what is campus vs. private business	(1 orange)
• In general, campus doesn't have one front door – need to define multiple 'front doors'	(2 orange)
• Both sides of Varsity (at Avent Ferry) intersect should have 'gateway'	(1 red – 2 orange)
• Food service is 'spotty' increase in density will create demand for Food Service	
• Need to buy west side of Varsity Dr from Avent Ferry to Crest and/or Markham Streets	(2 red)
• Further development of path system at 'neighborhood path' level	(2 red – 2 orange)
• Needs Gateways and entrance features that indicate residential and other characteristics of South Campus (Centennial Campus gateway may not be appropriate)	
• No pedestrian connection from bus to McKimmon Center/ can't tell that station is the McKimmon Center	
• Coordination with City of Raleigh to time stop lights – people do not need 'no turn on red' at Avent Ferry/ Western Intersection	
• Improve signage Varsity Drive corridor; must think about traffic going 45 mph	
• No "presence" at Varsity Dr. Intersection with Western Blvd (like at Gorman and Western)	(1 red – 2 orange)
• No definition at 'ends' of campus; ex. Gorman Street at McKimmon Center/ edge should be recognizable (trees, sidewalk) language that says university	(4 red – 1 orange)
• BAD intersection at Avent Ferry and Varsity Drive	
• Edges should be more dramatic	(1 orange)
• On greenway, can't enter/connect with Visitor Center	
• Avent Ferry accessibility – huge challenge	(1 orange)
• Varsity Drive needs curb/ gutter/ sidewalks from Western Blvd to Centennial Campus Entrance	(2 orange)
• Add striping on roadway to define bike lane	(1 orange)
• Visibility of activities is a challenge	(1 orange)
• McKimmon Center front door not accessible	
• Greek Village needs to feel secure; neighborhood development doesn't feel safe. Loss of trees due to construction makes it feel open and exposed.	(1 orange)
• Way finding using street trees, and other vegetation could be different per campus	
• Use color in signage to differentiate precincts	
• Incorporate brick elements into modern buildings	
• Bus stops need to be designed and provide seating and cover. NEED this at Avent Ferry in front of Burger King. Mission Valley other locations	(1 red – 1 orange)
• Need to review a 'visitors approach' to campus (all precincts) to identify eyesores that need improving	(10 red – 5 orange)
• Create more "primrose improvements" (Watauga Club gateway) on Varsity Dr	(1 red – 1 orange)
• Corner at Jordan Hall needs to announce campus	(1 orange)
• Work with City of Raleigh to extend "R" line bus to campus	