

**COMMISSION ON UNIVERSITY SUPPORT
MEETING MINUTES
February 19, 2015
325 Burruss Hall**

MEMBERS

Members Present: Mary Christian, William Dougherty (for Scott Midkiff), Chris Kiwus, Ed Lener, Gary Long (for Lay Nam Chang), Henry Murray, John Seiler, Savita Sharma (for Dwight Shelton), Ken Smith, Ryan Speer, Sherwood Wilson

Members Absent: Richard Ashley, Cynthia Bonner (with notice), Felicia Etzkorn, Betsy Flanagan, Kathy Hosig (with notice), Joseph Jajonie, Christina Lapel, Maxine Lyons (with notice), Tom Tillar

Guests: Angela Kates, Steve Mouras, Jason Soileau

Recorder: Vickie Chiocca

1. Approval of agenda

Ed Lener, Vice Chair, called the meeting to order at 2:05 p.m. William Dougherty moved to approve the agenda. The motion was seconded by John Seiler and approved unanimously.

2. Announcement of approval of, January 15, 2015 minutes

These minutes were approved electronically by the 2014-15 Commission membership.

3. Old Business

Mr. Lener stated that Felicia Etzkorn shared an article on e-cigarettes via email to the membership. The e-cigarette subcommittee has a meeting scheduled in March.

4. New Business

Forest Management Plan

John Seiler and Jason Soileau gave a presentation on the Stadium Woods Stewardship Plan (Attachment A).

Dr. Seiler reported that Stadium Woods appears to have been intact for at least three centuries with several trees over 300 years old. A collaborative team of university leaders and professors has been working to develop a Stadium Woods Stewardship Plan (SWS Plan), jointly funded by the Provost, the Vice President for Administration, the Department of Forest Resources and Environmental Conservation, and the College of Natural Resources and Environment. The goal is to create a roadmap for the stewardship of Stadium Woods in order to meet the long range needs of the university and the community. Rodney Walters, a Forestry Masters candidate, is leading the planning effort and has organized stakeholders into the Campus Tree Advisory Committee.

Mr. Soileau reported that the team has already conducted numerous community and campus stakeholder meetings. A report will be ready for review in fall 2015, with final analysis and

recommendations to be completed in spring 2016. While the SWS Plan is specific to Stadium Woods it may also be applicable to other areas in and around campus.

5. Reports from Committee Chairs/Representatives

The Campus Development Committee met on January 15, 2015. Mr. Soileau reported the committee received updates on construction and design projects (new facilities), as well as the Parking and Transportation Master Plan. Chris Wise, Director of Recreational Sports, gave a detailed presentation on Recreational Sports Facilities. Mr. Soileau will request a copy of the presentation for distribution to the Commission members (Attachment B).

The Energy and Sustainability Committee last met on January 26, 2015. Mr. Mouras reported on the November 17 committee meeting. Main topics of discussion included Dining Services' role in waste management, the Green RFP program, future energy management opportunities, and the Residence Hall Energy Competition.

The Transportation and Parking Committee met on January 26, 2015. Dr. Seiler reported on the November 18 committee meeting, where concerns about potential safety issues resulting from bicycle use on campus sidewalks were discussed. While data suggests there is not a problem with bicycle/pedestrian accidents, anecdotal evidence suggests that these incidents are dramatically under reported. A Commission member asked about parking privileges for Corporate Research Center (CRC) employees enrolled as students. University administration has discussed the issue and tasked Parking Services staff to work with CRC leadership on an appropriate resolution. Anyone registered as a student, must purchase a student parking pass.

6. Acceptance of Committee Minutes

The following minutes were accepted electronically in advance of the meeting:

- **Campus Development Committee**
January 15, 2015
- **Energy & Sustainability Committee Minutes**
November 17, 2014
- **Transportation & Parking Committee**
November 18, 2014

7. Next meeting date

March 19, 2015 – 325 Burruss Hall

Adjourned at 2:40 p.m.

Respectfully submitted,

Vickie Chiocca

“Stadium Woods” Stewardship Plan

“Stadium Woods”
Remnant Forest
Natural Land Area
On 12 Acres





“On the campus of Virginia Tech...is a remnant old-growth white oak stand.”
 “Stadium Woods appears to have been an intact canopy forest for at least three centuries.”

(Copenheaver, et. al. 2013. Dendrochronologia)

Photo by Dr. John Seiler

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Exceptionally Old Trees (Over 300 years old):



White Oak Tree # 101 in Stadium Woods, age 346 yrs.

Core Graphics & Tree Info by Dr. Seiler

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What We are Doing (Charge):

~Develop a “Stadium Woods” Stewardship Plan - (SWS) Plan

~Intent/Goal: To Create an Actionable Roadmap for Operations & Management for the Stewardship of “Stadium Woods” in order to meet the Long Range needs of the University and the Community; based on Prevailing Needs, Constraints, & Best Management Practices of Forest & Tree Management

Photo by Dr. John Sailer

Rodney Walters

Joined Virginia Tech as a M.F. graduate student
in the Department of Forest Resources and
Environmental Conservation



- Plant Health Care (PHC) Specifications
- ANSI Z-133.1 Safety Standards
- OSHA Safety Regulations
- EPA Standards & Requirements
- Fair Labor Practices
- American National Standards Institute (ANSI) A300 Tree Care Standards
- International Society of Arboriculture (ISA) Best Management Practices
- Integrated Pest Management (IPM)

Rodney Walters



- Created a GIS/GPS Tree Inventory of MSU's Urban Forest
- Organized Stakeholders with Different Objectives into the Campus Tree Advisory Committee
- Rallied Campus Culture Around a Sustainable Management Approach
- Created a Campus Tree Care Plan with Dedicated Annual Expenditures
- Observed Arbor Day & Engaged Students in a Service Learning Projects

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Who is Involved:



~Mr. Jason Soileau: Assistant Vice President – Office of University Planning -



~ John Seiler, Ph. D. (Tree Physiology Specialist): Dept. of Forest Resources & Environmental Conservation

~ Eric Wiseman, Ph. D (Urban Forestry & Arboriculture): Dept. of Forest Resources & Environmental Conservation

~ Sara Karpanty, Ph. D. (Ecology & Evolutionary Biology): Dept. Fish & Wildlife Conservation

~ Michael Sorice, Ph.D. (Natural Resource Mgmt. & Human Dimensions): Dept. of Forest Resources & Environment

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Process for General Stewardship Plan

1. Inventory Natural Land Resources: (What do we have?)
2. Delineate Natural Lands: (Where is it?)
3. Establish Stewardship Units: (How is it categorized?)
4. Establish Stewardship Priority: (Why is it important, what is its value?)
5. Establish Stewardship Goals: (What is the future desired use & condition?)
6. Determine Appropriate Stewardship Strategies: (How do we get what we want?)
7. Assemble The Stewardship Plan: (Information & decisions are documented)

Stecker, S.B., & H.M. Hahn. 2014. Land for Life: Stewardship Plan, Media, PA

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Many Stadium Woods Stakeholders:

- Friends of Stadium Woods
- Town of Blacksburg Parks & Recreation
- Town of Blacksburg Office of Sustainability
- New River Valley Master Naturalists
- Virginia Tech Alumni Relations
- Virginia Tech Army ROTC
- Virginia Tech Athletics
- Virginia Tech CORPS of Cadets
- Virginia Tech Department of Architecture & Design
- Virginia Tech Department of Biological Sciences
- Virginia Tech Department of Crop & Soil Environmental Science
- Virginia Tech Department of Forest Resources & Environmental Conservation
- Virginia Tech Emergency Management
- Virginia Tech Facilities Services, Operations
- Virginia Tech Landscape & Grounds
- Virginia Tech Parking & Transportation
- Virginia Tech Planning & Sustainability
- Virginia Tech Police
- Virginia Tech Recreational Sports
- Virginia Tech School of Architecture, Design & Landscape
- Virginia Tech Stormwater Compliance
- Virginia Tech Water Resources Engineering

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Stakeholder Meetings



Community and Campus Stakeholder Meetings Completed

- Facilitate a Discussion with Key Stakeholders to Identify the Long Range Needs/Wants of the University and Community
- Identify Potential Activities In & Around the Woods
- Examine What Impacts the Activities May Have on the Health of This Important Ecosystem & If/What Measures can be Taken to Mitigate Impacts

Path Forward:

Due Diligence And Research	Draft Report Prep			Review	Final Analysis and Recommendation
Fall 2014	Spring 2015	Summer 2015	Fall 2015	Spring 2016	

Questions ?



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CAMPUS DEVELOPMENT COMMITTEE

CAMPUS RECREATION FACILITIES UPDATE

CAMPUS DEVELOPMENT COMMITTEE

CAMPUS RECREATION FACILITIES UPDATE

- ROLE OF RECREATIONAL SPORTS/CAMPUS RECREATION
- HISTORY AND IT'S RELATION TO CAMPUS RECREATION
- VT PARTICIPATION NUMBERS...TODAY VS YESTERDAY
- CURRENT RECREATION FACILITIES AND RELATED PROGRAMS
- RECREATIONAL FACILITIES STANDARDS/GUIDELINES
- FUTURE VISION
- POTENTIAL FOR NEW WAR MEMORIAL
- POTENTIAL FOR OUTDOOR RECREATIONAL IMPROVEMENTS

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CAMPUS DEVELOPMENT COMMITTEE CAMPUS RECREATION FACILITIES UPDATE

ROLE OF RECREATION SPORTS:

Research has found that recreational sports programs contribute to the development of a student's positive self-image, awareness of strengths, increased tolerance and self-control, stronger social interaction skills, and maturity. These programs have been endorsed by institutions for their value in helping students maintain good physical and mental health by providing a respite from rigorous academic work and in teaching recreational skills with a carryover for leisure time exercise throughout life. (*Council for the Advancement of Standards in Higher Education – Eighth Edition, 2012*)

OUR MISSION:

To enhance the quality of life for the university community by educating and encouraging participation in activities that promote healthy lifestyles, social interactions, and leadership skills. The department creates an atmosphere that encourages individuals to develop life-long involvement in recreational activities and is dedicated to meeting the changing needs of a diverse community by offering quality structured and informal recreational opportunities.



CAMPUS DEVELOPMENT COMMITTEE CAMPUS RECREATION FACILITIES UPDATE

HISTORY AND RELATION TO CAMPUS RECREATION:

- Early Days of Colonial Colleges –students organized sports activities as diversion from the rigors of academic life that were limited to competitive activities between classmates
 - Interest intensified and intercollegiate athletics was born overshadowing Intramurals
- Resurgence of intramurals – Late 19th/Early 20th centuries led to first dedicated facilities (PE)
- NIA/NIRSA – formed in 1950 and teams began to compete with other institutions
- Title IX – 1972 produced an influx of women into competitive athletics and produced higher interest level in sports activities on campus
- Aerobic exercise movement- Late 1970's and 1980's aerobic exercise began in groups for motivational purposes
- Rapid Growth – late 1980's produced the first new and better campus facilities dedicated to recreation and fitness as opposed to physical education.
- Beginning of 21st Century – greater expansion of recreational sports opportunities and facilities reaching estimated 7.1 million students with an estimated 5.3 million students considered heavy or regular users. Approximately 75% At VT 85% of Students participate.



CAMPUS DEVELOPMENT COMMITTEE CAMPUS RECREATION FACILITIES UPDATE

VT PARTICIPATION NUMBERS ... TODAY VS YESTERDAY

	98-99	01-02	09-10	12-13		09-10	12-13
Total Visits to McComas & WMH	215,321	425,422	512,276	622,066	Unique visits to McComas & WMH	21,456	22,330
Total Intramural Participants	9,617	11,097	16,722	16,986	Unique Intramural Participants	8,589	8,583
Total Group Exercise & PT Participants	11,282	18,529	29,881	46,687	Unique Group Exercise & PT Participants	2,689	4,124
Total Club Sport Teams	20	25	29	31			

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CAMPUS DEVELOPMENT COMMITTEE CAMPUS RECREATION FACILITIES UPDATE

CURRENT RECREATION FACILITIES AND RELATED PROGRAMS Orange = size

- McComas Hall Student Fitness Center 84,189
 - Informal Recreation, Fitness Programming, Special Events
- War Memorial Hall 92,000
 - Intramural Sports, Club Sports, Informal Recreation, Special Events, Reservations (Student Groups)
- South Recreation Area (2 Field Complexes) 15 Acres
 - Intramural Sports, Club Sports, Special Events, Limited Reservations
- Washington Street Tennis Courts 12 courts
 - Informal Recreation, Club Sports, Reservations
- South Recreation Area Tennis Courts 6 courts
 - Informal Recreation, Club Sports, Reservations

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CAMPUS DEVELOPMENT COMMITTEE CAMPUS RECREATION FACILITIES UPDATE

STANDARDS/GUIDELINES OF CAMPUS RECREATION INDOOR FACILITIES

- Indoor Facilities = 10 square feet (SF) per student based on total enrollment
- Strength & Conditioning = 1 SF per student is typical in new recreation facilities
- Multipurpose Rooms = .5 SF square feet per student
- Natatorium Recreation use only = 6 lane, 25 yard pool
- Gymnasium = Average of 6 courts per facility proper size and safety zones
- Racquetball/Squash/Handball = New facilities average 6 racquetball and 1 Squash
- Locker Rooms = 1 locker for every 15 students

Where do we fall short:

- Indoor facilities - 124,000 sq foot deficit
- Strength & Conditioning - 6,000 sq foot deficit
- Multipurpose Rooms - 6,000 sq foot deficit
- Gymnasium - 5 courts short
- Locker Rooms – short about 600



CAMPUS DEVELOPMENT COMMITTEE CAMPUS RECREATION FACILITIES UPDATE

FUTURE VISION

- Renovated War Memorial Hall to meet current and new demands
 - Multiple purpose space for student organizations/Clubs (martial arts, dance, etc)
 - Court space for additional intramural activities
 - Fitness space (crossfit, small group training, informal recreation changes)
 - Climbing wall
 - Outdoor space indoors (turf space, sled space, combine training space)
- Outdoor recreation space
 - Jogging/Walking 5K or 10K course without traffic considerations
 - High Ropes/Experiential Learning course
 - Disk Golf
 - Cyclocross



CAMPUS DEVELOPMENT COMMITTEE CAMPUS RECREATION FACILITIES UPDATE

POTENTIAL FOR A NEW WAR MEMORIAL HALL

- New vibrant entrance from Eggleston side...Separation of Academic and Recreation
- Reduce racquetball and squash – add fitness, multipurpose, climbing wall, etc
- Improve court space and evaluate opportunity to reposition and increase amounts
- Introduce Air Conditioning to the facility
- Develop social gathering space at entrance
- Provide improvements to pool, locker rooms, club sport office space
- Create “state of art” opportunities for students and faculty/staff
- Spread recreation user population over two quality facilities
- Excellent site location for on campus users (students as well as employees)

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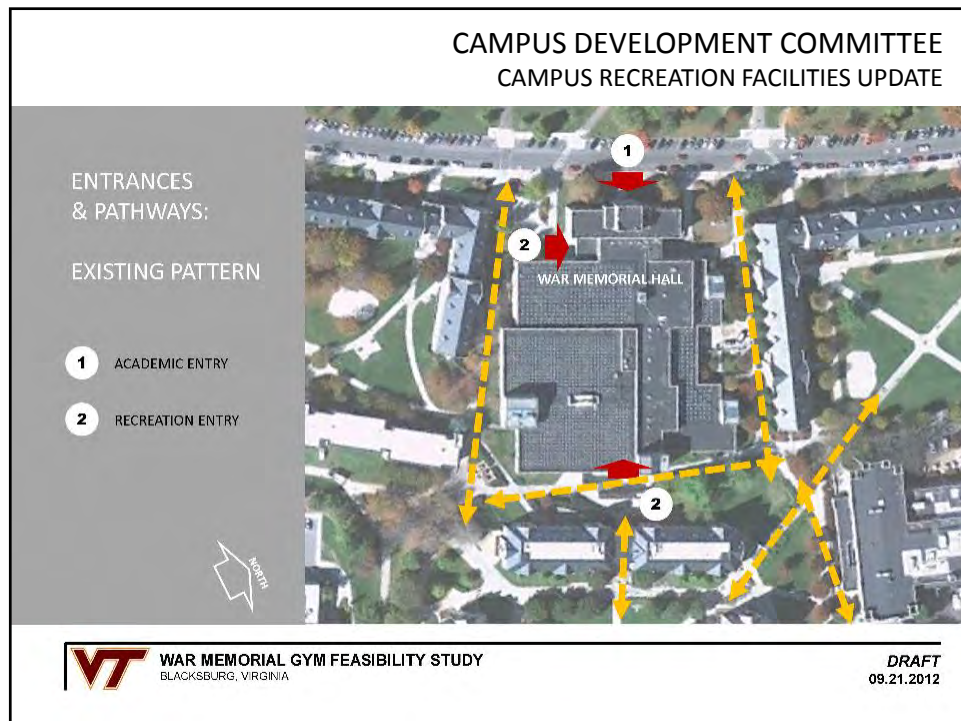
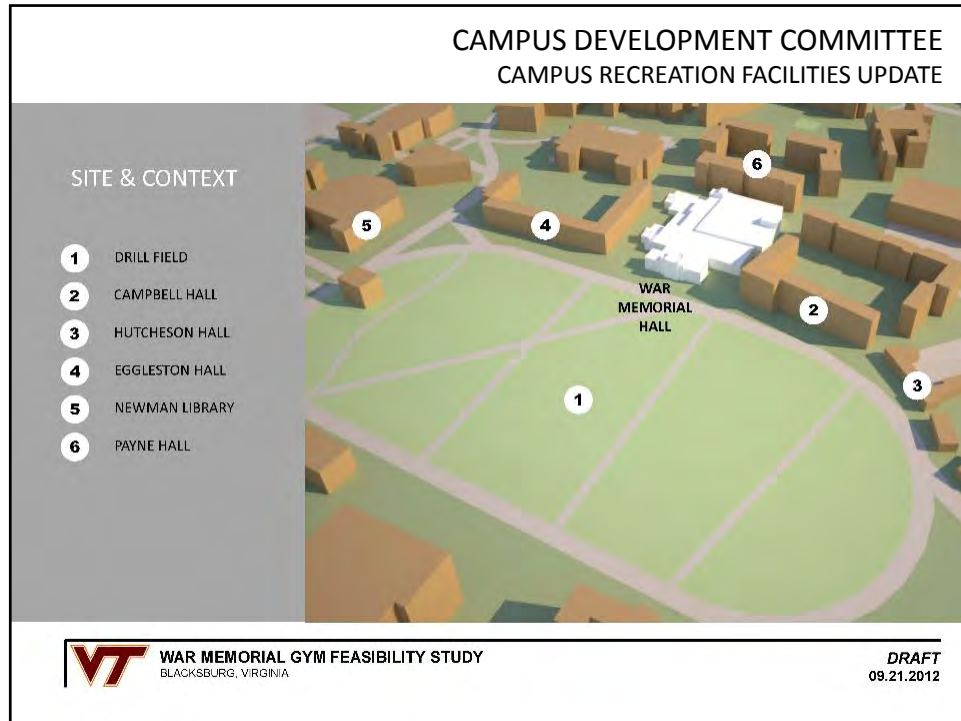
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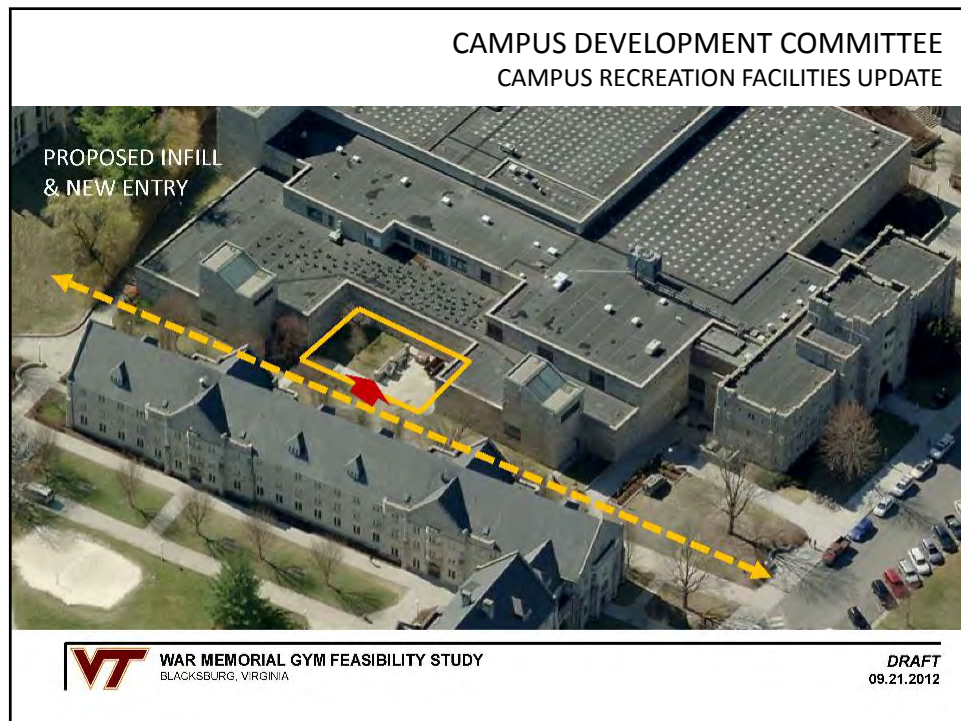
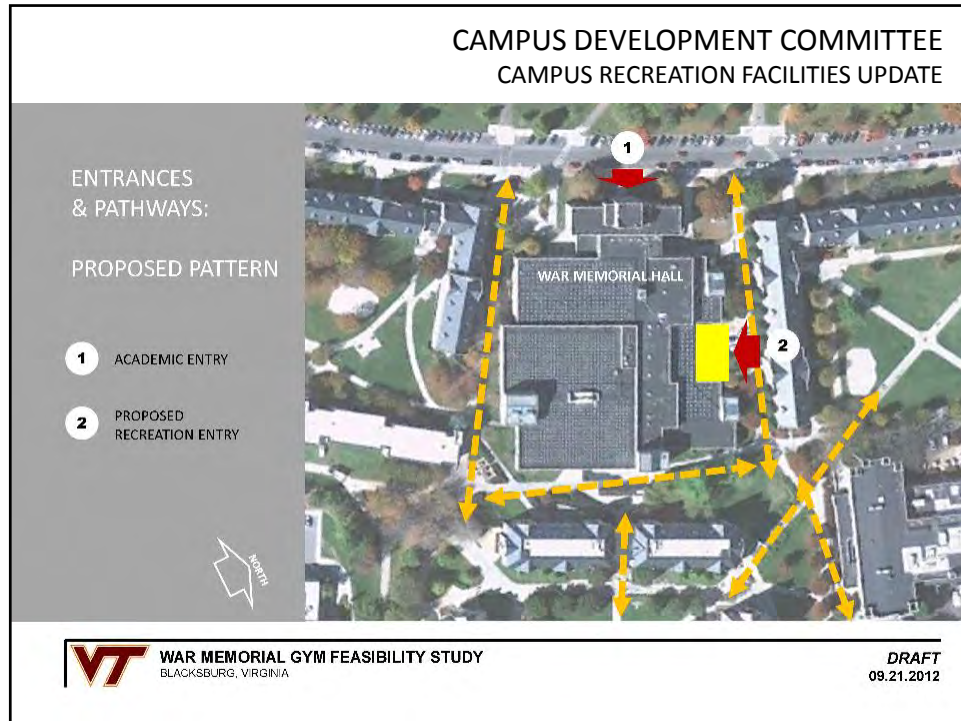
- 1 DRILL FIELD
- 2 CAMPBELL HALL
- 3 HUTCHESON HALL
- 4 EGGLESTON HALL
- 5 NEWMAN LIBRARY
- 6 PAYNE HALL



WAR MEMORIAL GYM FEASIBILITY STUDY
BLACKSBURG, VIRGINIA

DRAFT
09.21.2012





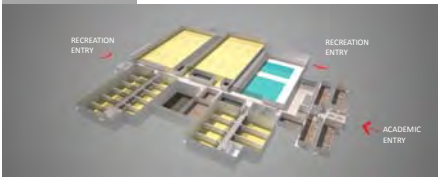
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CAMPUS RECREATION FACILITIES UPDATE



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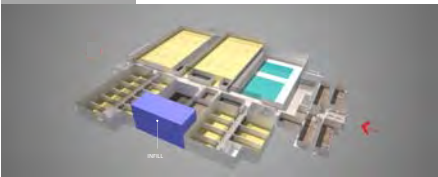
EXISTING LAYOUT



WAR MEMORIAL GYM FEASIBILITY STUDY
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PROPOSED ADDITION



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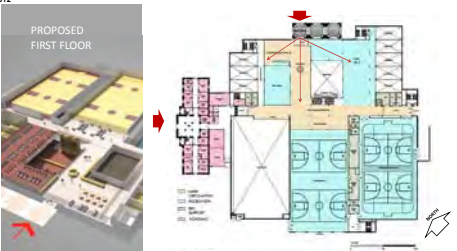
EXISTING
FIRST FLOOR



WAR MEMORIAL GYM FEASIBILITY STUDY
BLACKSBURG, VIRGINIA

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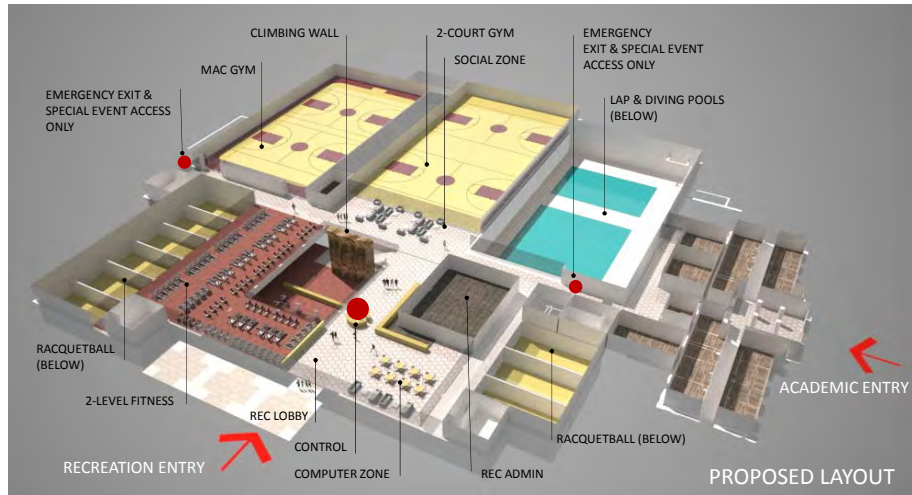
PROPOSED
FIRST FLOOR



WAR MEMORIAL GYM FEASIBILITY STUDY
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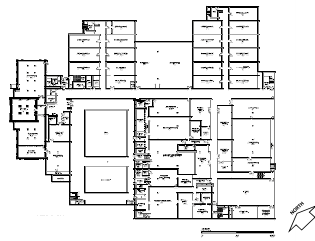
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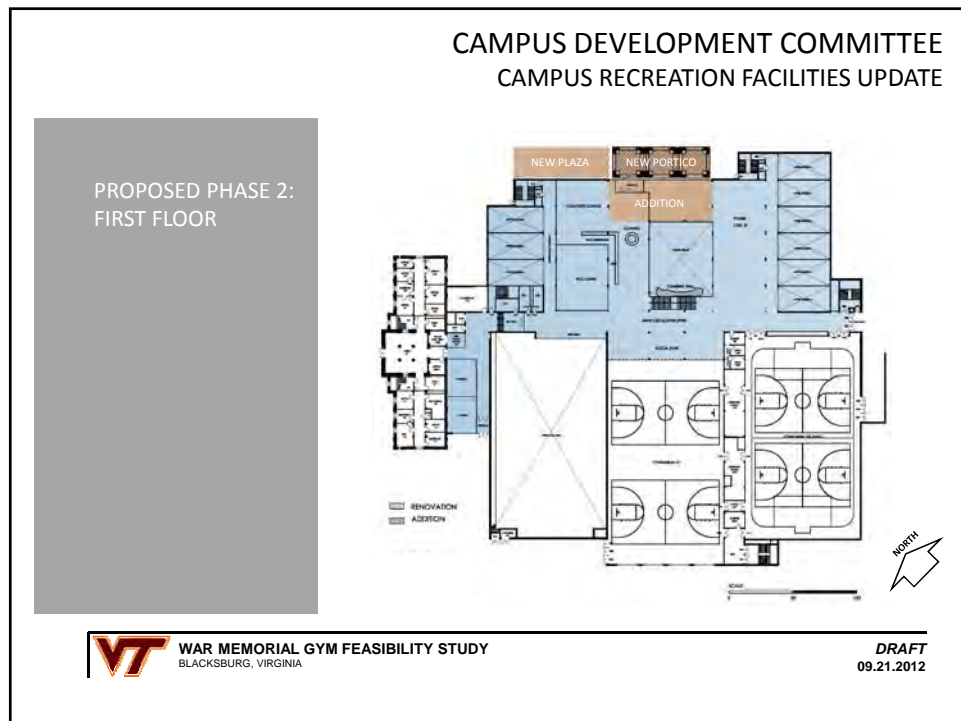
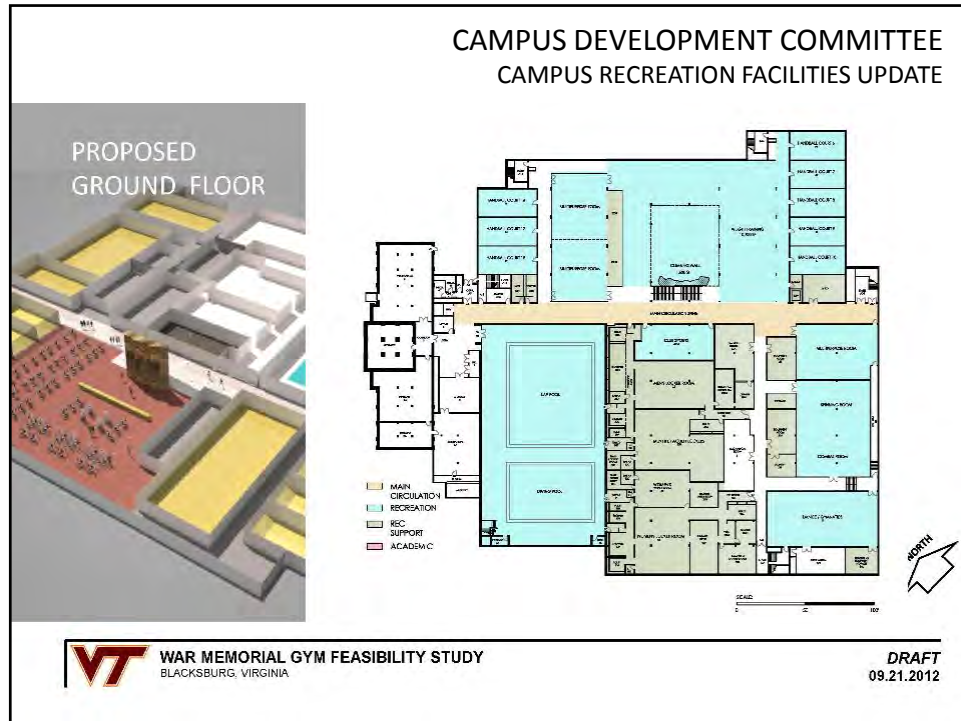


PROPOSED
GROUND FLOOR



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EXISTING: NW VIEW

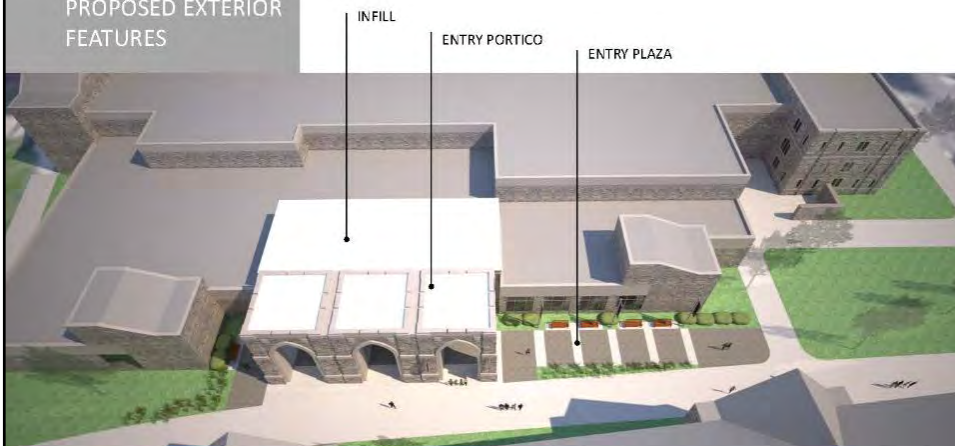


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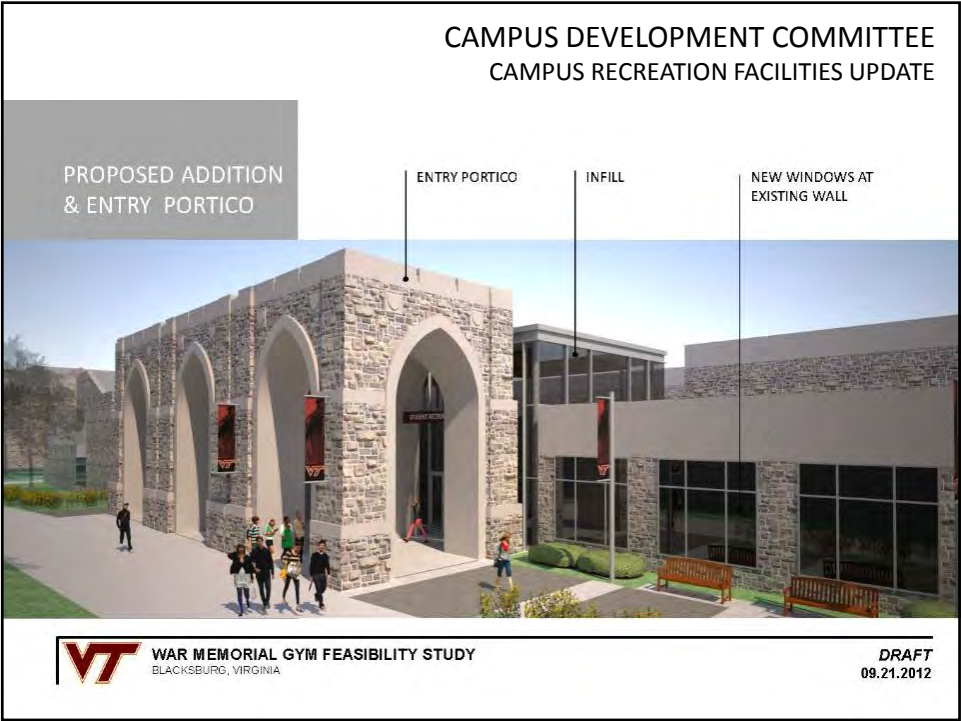
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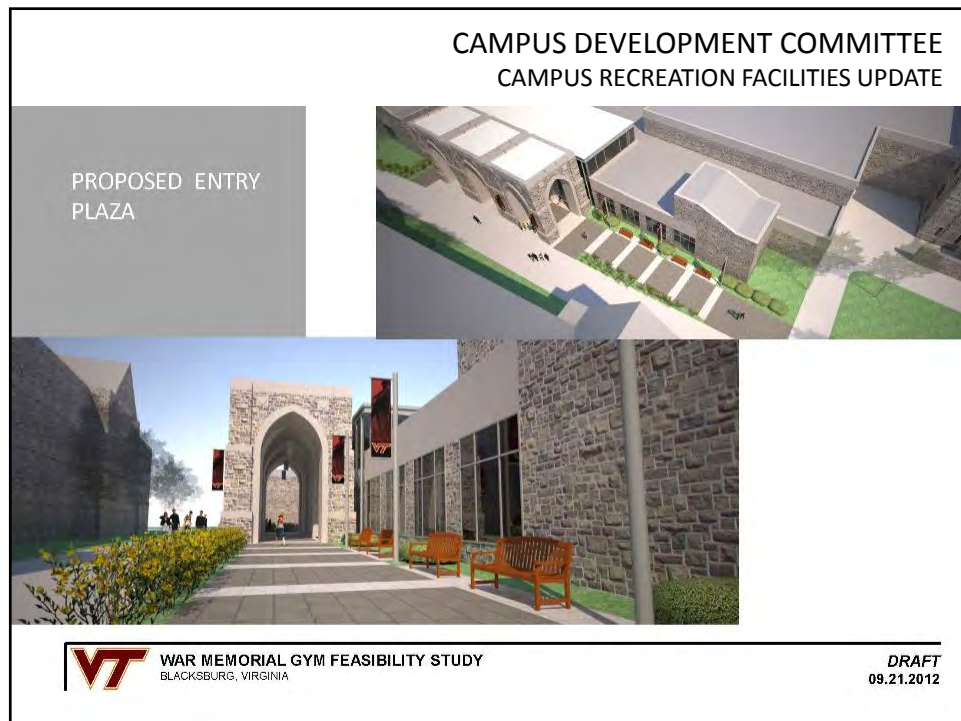
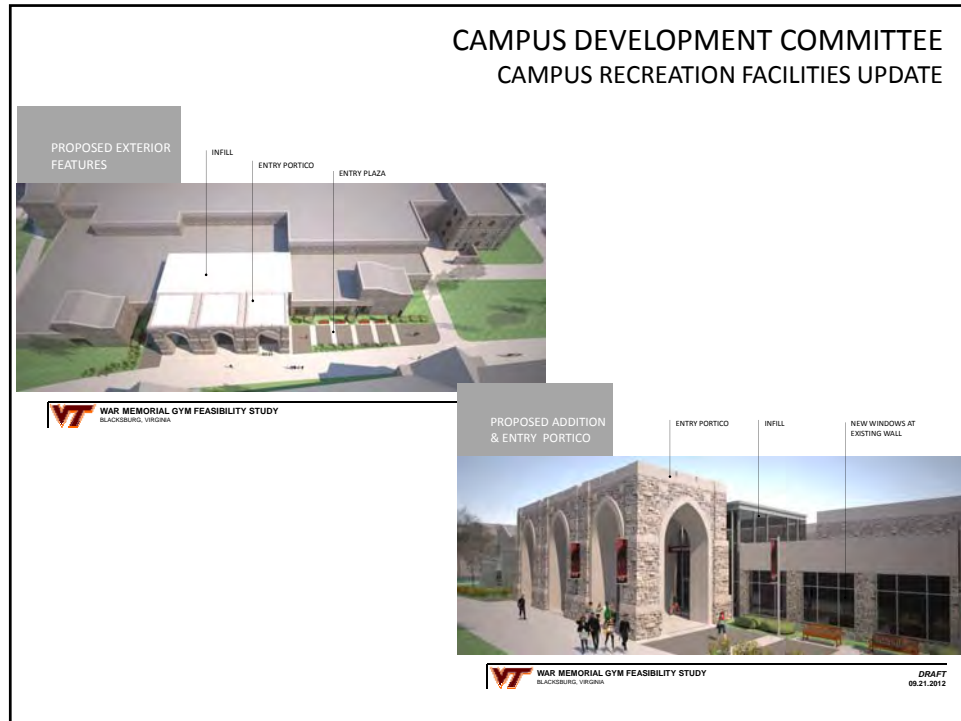
PROPOSED EXTERIOR
FEATURES



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PROPOSED NEW LOBBY



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ENTRY LOUNGE



SOCIAL ZONE



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CLIMBING WALL



WEIGHT TRAINING



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FITNESS AREA



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CAMPUS RECREATION FACILITIES UPDATE

POTENTIAL FOR OUTDOOR RECREATIONAL COMPLEX

- Upgraded fields for intramural and club sport use (Synthetic Turf and Bermuda)
- New Club softball field option
- New field for shared use, Recreational Sports/Marching Virginians
- 5K course with NO road crossing – Multiple options for shorter distance
- Potential Home for Venture Out operations
- Improved Cyclo-Cross Trail
- Possible Ropes Course
- Improved offices and storage for outdoor operations
- Potential for improved Roller Hockey facility
- Entrance Kiosk with access required entry
- Entry Plaza at Intramural fields and potentially at Club Fields (Covered or not)



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CAMPUS RECREATION FACILITIES UPDATE



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CAMPUS RECREATION FACILITIES UPDATE



CAMPUS DEVELOPMENT COMMITTEE
CAMPUS RECREATION FACILITIES UPDATE





RECREATIONAL SPORTS- ILLUSTRATIVE MASTER PLAN
Virginia Tech Office of University Planning Not to scale 06/12/14

- LEGEND**
- PROPOSED ITEMS**
- A. VENTURES OUT BUILDING
 - B. INDIAN DINING PLAZA
 - C. CLUB SOUTHERN FIELD
 - D. STORAGE BUILDING
 - E. SKI START/FINISH
 - F. ACCESS CONTROL FENCING
 - G. BIKE TRAIL BY AIRPORT PROJECT
 - H. SKI LOOP TRAIL
 - I. SOARING CENTER UTOPADES
 - J. BICYCLE TRAIL
 - K. NARCISSE/VENTURES HILL: RICE FIELD
 - L. ROLLING HOCKEY
 - M. BIKE CROSS TRAIL
 - N. FUTURE FACILITIES SERVICE DRIVE
 - O. NORTHERN ACCESS DRIVE
 - P. HOPKES COURSE
 - Q. MARSHING VENTURES BUILDING
 - R. FRANCHISE KIOSK
- EXISTING ITEMS**
- 1. STUDENT TENNIS COURTS
 - 2. VENTURES TENNIS COURTS
 - 3. RESTROOM BUILDING
 - 4. STORAGE BUILDING
 - 5. STORMWATER POND

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Questions?

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CAMPUS RECREATION FACILITIES UPDATE