George Mason University

Land and Building Committee
June 11, 2012
1:30 to 3:00pm

Agenda

- Project Starts
  - Bull Run Hall Addition
  - Academic VII/Research 3
- Capital Planning Process
- Design Manual Update
- Basketball Practice Study Update
- Baseball Stadium Amenities
- Campus Drive Update (separate presentation)
- Capital Bike-share at Arlington
- Patriot Green Fund Projects
- Urban Forestry Buffer Palette
- Smoke-out Campaign
- Golf Cart Parking Areas
Projects approved for the 2012-2014 Bi-ennium

- Detailed Planning Only
  - Bull Run Hall Addition
  - Academic VII/Research 3

- Non-General Fund Full Authority
  - Baseball Stadium Amenities
Bull Run Hall Addition

- Parking location to be determined, possibly shared with performance arts
- Drop off
- Existing overhead power to be relocated
- Service yard
- Proposed academic/recreation building, 4-story, 120,000 GSF
- Area of wetland preservation

SITE IV. OPTION A - SCORECARD

<table>
<thead>
<tr>
<th>Item</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Campus Placement (Present/Future)</td>
<td>8</td>
</tr>
<tr>
<td>2. Parking</td>
<td>1</td>
</tr>
<tr>
<td>3. Solar Orientation</td>
<td>6</td>
</tr>
<tr>
<td>4. Infrastructure</td>
<td>6</td>
</tr>
<tr>
<td>5. Relationship to Housing</td>
<td>5</td>
</tr>
<tr>
<td>6. Utility Costs (Sanitary, Storm)</td>
<td>5</td>
</tr>
<tr>
<td>7. IMPACT STUDY/ARCHITECTURAL IMPACT</td>
<td>5</td>
</tr>
<tr>
<td>8. BUILDING EFFICIENCY / DURABILITY</td>
<td>5</td>
</tr>
<tr>
<td>9. SERVICE YARD LOCATION</td>
<td>5</td>
</tr>
<tr>
<td>10. CIRCULATION (PEDESTRIAN, VEHICULAR)</td>
<td>5</td>
</tr>
<tr>
<td>TOTAL</td>
<td>50</td>
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</table>
Conceptual Site Plan

**KEY**
- Existing trees to be preserved
- Proposed trees
- A: 1/2 acre stormwater pond
- B: 5200 sq ft roof garden
- C: Healing garden and terraced amphitheater
- D: Entry lawn
- E: Entry boulevard
- F: Information kiosk and parking (3 cars)
- G: Campus entrance
- H: Academic VII / Research III – Phase II
- I: Reconfigured parking for 40 cars
- J: Loading access
- K: Bicycle parking
- L: Clinic parking (12 cars and 2 handicapped)
- M: Primary utility corridor with dam to the north and walkway above
- N: South facing terrace and healing garden
- O: South pond with wetland planting/raingardens
- P: Series of weirs (3) and reconstructed stream

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Design Manual Update

• Current Design Manual is as of October 2006 (with some addenda subsequent)
• Facilities team supported by consultants
  – EEK/Perkins-Eastman
  – Vanderweil
  – christopher consultants
• Start: June 2012
• Finish: December 2012
• Goal: Use for Project Starts and Capital Planning for next cycle
Campus Drive Update

Separate Slides
Basketball Practice Study Update

Program Re-Confirmation with Athletics/Athletic Academic Support

23-Mar-12

Basketball Practice

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<th>Facility Description</th>
<th>GSF</th>
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<tbody>
<tr>
<td>PRACTICE COURT</td>
<td>10800</td>
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<tr>
<td>LOCKER ROOMS (2 @ [15] 18” LOCKERS EACH)</td>
<td>450</td>
</tr>
<tr>
<td>RESTROOMS (2 @ 2 WC, 1 LAV, EACH)</td>
<td>320</td>
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<tr>
<td>SEPERATED SHOWERS (4 STALLS)</td>
<td>200</td>
</tr>
<tr>
<td>EQUIPMENT STORAGE/SMALL TRAINING (W/ 3 TAPING TABLES)</td>
<td>200</td>
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<tr>
<td></td>
<td>11970</td>
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Academic Support

<table>
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<th>Facility Description</th>
<th>GSF</th>
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<tr>
<td>RECEPTION</td>
<td>120</td>
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<tr>
<td>ASSOCIATE AD OFFICE [to comply with space standards]</td>
<td>140</td>
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<tr>
<td>ACADEMIC COORDINATORS (6 @ 100 SF EA.) [to comply with space standards]</td>
<td>600</td>
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<tr>
<td>OPEN WORKSTATIONS (4 @ 64 SF EA.)</td>
<td>0</td>
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<tr>
<td>FILING / SUPPLY ROOM</td>
<td>100</td>
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<tr>
<td>INDIVIDUAL TUTORS (6 @ 80 SF EA.) [make 15@90 sf, tutors use these as drop in]</td>
<td>1350</td>
</tr>
<tr>
<td>SMALL GROUP TUTORIAL (2 @ 160 SF EA., DIVIDABLE) [make 1x@120 sf and 1@180 sf; 180 doubles as team meeting/video review theater]</td>
<td>300</td>
</tr>
<tr>
<td>QUIET STUDY / STUDY HALL [kept at larger size to enable flexibility]</td>
<td>1200</td>
</tr>
<tr>
<td>COMPUTER LAB (25-30 STATIONS) [needs some confirmation for circulation]</td>
<td>500</td>
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<tr>
<td>CLASSROOM / SMALL STUDY HALL</td>
<td>0</td>
</tr>
<tr>
<td>LIBRARY / BOOK ROOM</td>
<td>240</td>
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<tr>
<td>LAPTOP STORAGE</td>
<td>60</td>
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<tr>
<td>BREAK ROOM</td>
<td>80</td>
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<tr>
<td>MEN’S RESTROOM (1 WC, 1 URINAL, 1 LAV)</td>
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<tr>
<td>WOMEN’S RESTROOM (2 WC, 1 LAV)</td>
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<tr>
<td>STORAGE</td>
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<td>CIRCULATION</td>
<td>400</td>
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Total NSF: 18030

20% Grossing Factor: 3610

Total GSF: 21640
Basketball Practice Study Update
Basketball Practice Study Update
Basketball Practice Study Update
Baseball Stadium Amenities
Patriot Green Fund (PGF) Proposals

• Patriot Green Fund
  – Internal Grant Program to Fund Research and Infrastructure Projects (primarily driven by students) towards sustainable efforts
  – Chair: Lenna Storm; Committee: Faculty, Staff, and a number of Students
  – Past Examples: Bee Hives

• Current Prelim Proposals
  – Research
    • ALL_Environmental_Literacy
    • ALL_Renewable_Energy_Feasibility_Study
  – Research (but may lead to facility effort)
    • FX_Increasing_Local_Food
    • FX_Hybrid_Solar_and_PV
  – Infrastructure
    • FX_Residence_Hall_Recycling_Bins
    • FX_Increasing_Recycling_in_Residence_Halls
    • FX_Increasing_Yields_of_Potomac_Heights_Vegetable_Garden
    • FX_Bike_Share_Program
<table>
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<tr>
<th><strong>Smoking/Non-Smoking Campaign</strong></th>
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<tbody>
<tr>
<td><strong>Courtesy Helps Bridge Differences</strong></td>
</tr>
<tr>
<td><strong>Non-Smokers</strong></td>
</tr>
<tr>
<td>Please remember:</td>
</tr>
<tr>
<td>- Some smokers do not want to quit.</td>
</tr>
<tr>
<td>- Be compassionate; quitting tobacco is difficult.</td>
</tr>
<tr>
<td>- It’s ok to nicely ask smokers to move the 25’ distance from a building entrance.</td>
</tr>
<tr>
<td>- No judging please.</td>
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Information on wellness is available at [http://wellnessbymason.gmu.edu](http://wellnessbymason.gmu.edu)
Cart or truck – rules of the road apply

- You must obey traffic signs and signals
- Drive on the right side
- You must obey campus speed limits
- Do not block any entrance or egress from any public building
- Any contact with a pedestrian must be reported to a supervisor immediately
- GMU Golf Cart Safety Guidelines
Future Meeting Topics

• Past Topics
  – Transportation Updates
    • Roanoke Entrance
  – Housing Projects
    • Housing VIII-B Shenandoah
    • Graduate Student Housing
  – Tallwood Study
  – CVPA Master Plan
  – Campus Dining Projects
  – Field House Exterior Upgrades

• Present and Future Topics
  – Capital Project Update
    • Amendments that were submitted
    • Update on Approved Projects *
  – Transportation Updates
    • Sandy Creek Transit Center
    • Campus Drive/WCC *
    • Athletics & Rec MP Update

• Present and Future Topics (cont’d)
  – Housing Projects
    • Housing VIII-B Rappahannock
  – Sustainability Topics
    • Natural Resource Inventory
    • Patriot Green Fund Proposals *
  – Basketball Practice Facility *
  – Smoking Courtesy *
  – Bike Share *
  – Prince William Planning
  – Arlington Planning
  – Belmont Bay/Potomac Science Center
  – Satellite Plant
  – Fire Lanes and Event Areas
  – Crosswalks and Signage
  – Carts and Safety *
  – Urban Forestry Buffer *

Items with * are planned agenda items for today’s meeting

Next Meeting Dates:
June 11th   September 24th
July 23rd   October 22nd
August 27th  November 26th