

**UNIVERSITY OF HOUSTON**  
**Campus Facilities Planning Committee**  
**Agenda Item Description Form**

- 1. DATE** *May 12, 2017*
- 2. ITEM:** *Biology Greenhouse Relocation*
- 3. REQUESTING DEPARTMENT:** *College of Natural Sciences and  
Mathematics*
- 4. CONTACT NAMES &  
PHONE NUMBERS:** *Fred McGhee x3-8631 / Donna  
Pattison x3-2642*
- 5. PRESENTER:** *Donna Pattison*
- 6. RECOMMENDATION/  
ACTION REQUESTED:** *Approval of site location of new greenhouse*
- 7. SUMMARY:**

The “Old” Science building was taken offline in 2014 until major life safety, accessibility, and obsolete system problems could be rectified. The Biology Greenhouse (19XX), a lean-to structure on the north façade of Science, has operated continuously since that building’s closure but now must find new quarters on campus so that Science’s renovation may go forward.

Funds from the renovation of “Old” Science will be used to construct a stock greenhouse slightly larger than the current greenhouse (701 SF).

The Horticulture Society, the Campus Community Garden, and the Biology and Biochemistry Department use the greenhouse at Old Science during the academic year: In addition, the Plant Physiology Class and Lab are taught there in the fall semester.

Several possible locations were reviewed but all were found to be too remote from associated academic programs. A location at the Community Garden was investigated, but issues with potential flooding and area drainage, and aesthetic conflicts with Cougar Woods removed that site from consideration.

The location proposed in this agenda item is at the SR1 building, approximately 35’ off the east facade, in line with the Social Work building. NSM approves the location. Although SR1 is undergoing façade renovation this year, the distance between the SR1 façade and the new greenhouse is sufficient to avoid construction conflicts.

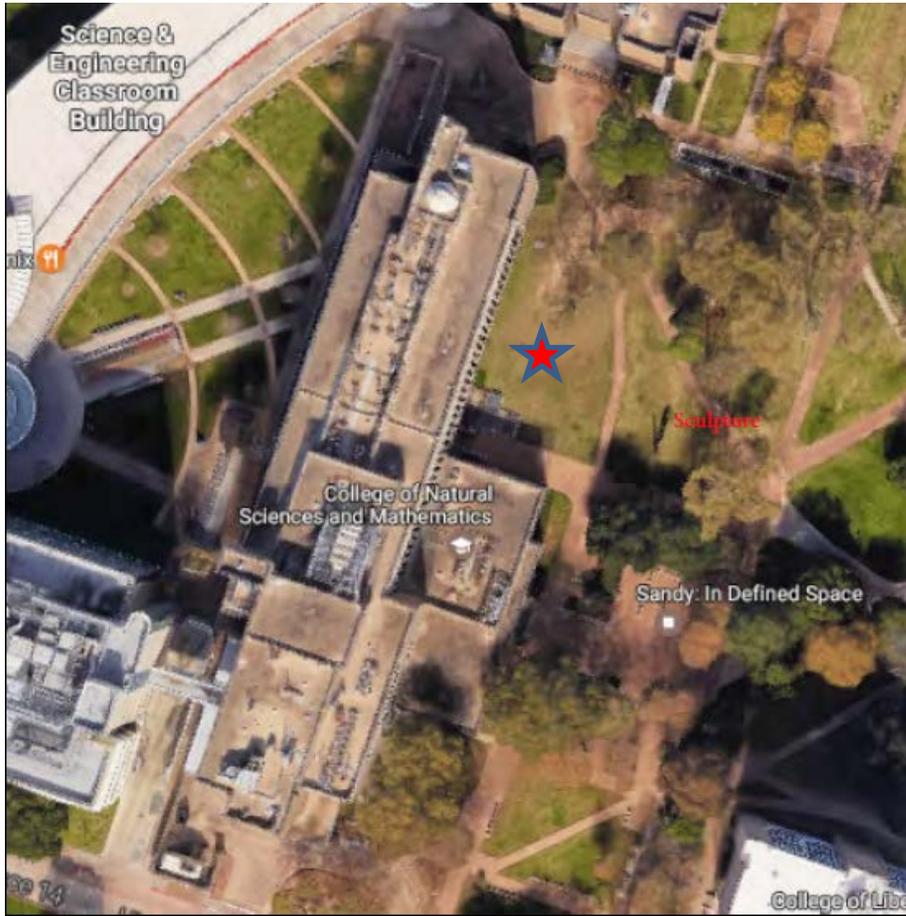
North-south orientation at SR1 allows the new greenhouse its preferred orientation, with its long side oriented east/west, thus maximizing fall, winter, and spring daylight.

**8. PROPOSED START DATE:**

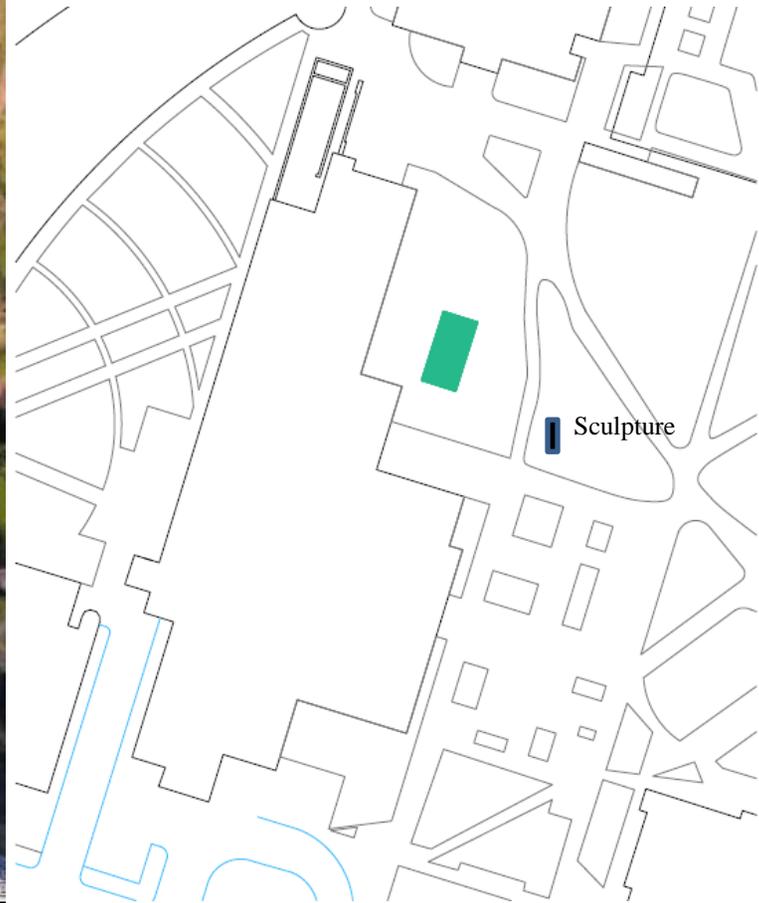
*Upon Approval*

**9. SUPPORTING DOCUMENTATION:**

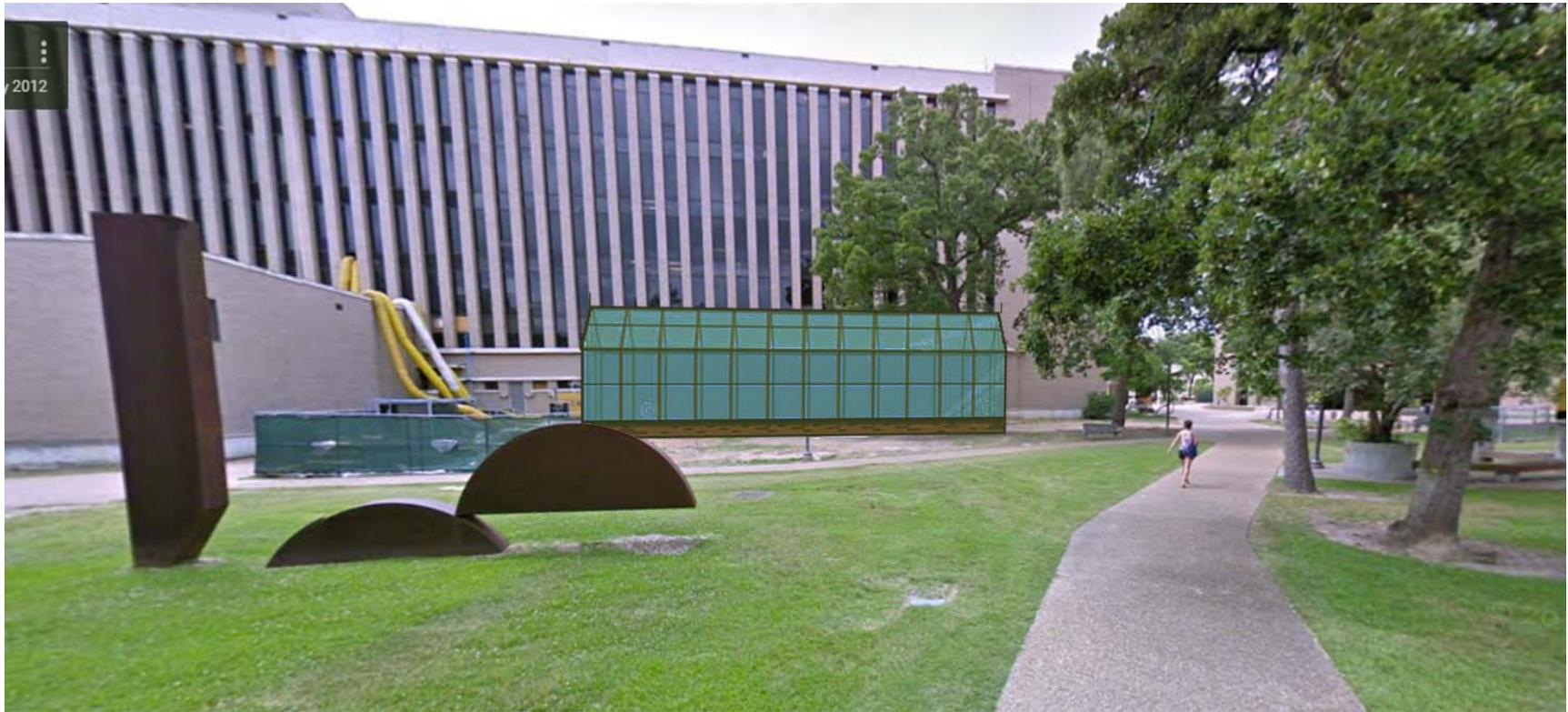
*Site plans, mock-ups*



SR1 East Yard Aerial



800 SF Greenhouse to scale



Off the shelf greenhouse structure depicted;  
Final design will be brought back to the committee.