1. This information provides guidelines for carpet, carpet tiles, accessories, and carpet recycling.

2. Facilities Management project representative and Environmental Health and Safety Office shall approve selection of materials, colors and sizes, means, and methods. The design intent is to select materials that blend with existing or adjacent campus building features.

3. When working on or adjacent to occupied buildings, require means and methods that protect occupants from exposure to noises, dust, traffic, odor, and other hazards.

4. Environmental Health and Safety and project representative shall review MSDS for leveling compounds, adhesive system, and carpet products. Meet Carpet and Rug Institute (CRI) criteria for “Green Label” requirements (low VOC) ASTM D 5116.

5. Provide adequate fresh air during installation process.

6. Unroll and air out (off gas) carpet in a warehouse 72 hours prior to installation. (Tests indicate that carpet emissions will dissipate within 48 to 72 hours with proper ventilation.)

7. Flame/smoke resistance standards: Class 1 only.

8. Static resistance: Do not exceed 3.5 kV (kilovolt) resistance for 20% R. H (relative humidity) at 70 degrees Fahrenheit.

9. Static decay rate: Use Federal Test Method 4046 (101C) or NFPA 45-a for product evaluations.

10. Warranties:
    a. Provide ten (10) year written guarantee beginning from date of “Substantial Completion” against faulty material and/or workmanship.
    b. Provide ten (10) year written guarantee beginning from date of “Substantial Completion” that carpet product will not lose more than 10% of its original fiber content, by weight, due to abrasive wear.
    c. Provide lifetime written guarantee against edge ravel and delamination.
    d. Manufacturer guarantee to recycle the new carpet when removed.

11. Carpet and carpet tile
    a. Meet or exceed density of 5000 ox/cu yd.
    b. 100% solution dyed.
    c. 100% sustainable backings.
    d. Manufacturer shall recycle carpet and backing when removed.
    e. Minimum 20% recycle content.
    g. NBS Smoke: <450 Flaming Mode (ASTM E-662).
    h. Tuft bind (dry): 8 lbs (ASTM D-1335).
    i. Delamination: Secondary backed products, 3.5 lbs (ASTM D 3936).
    j. Colorfastness (light): 4 or better (60 AFU 3 cycles).
    k. Colorfastness (ozone): 4 or better after 2 cycles.
    l. Colorfastness (crocking): 4 or better (wet & dry).
    m. Colorfastness (water): 4 or better.

12. Leveling compound:
a. Latex type, recommended by manufacturer for the type of application. Low volatile compounds.

13. Adhesive:
   a. Use low volatile organic compound (VOC) floor covering adhesive. Meet emissions criteria allowed for CRI “Green Label.”
   b. Use carpet manufacturer’s approved adhesive only.

14. Reuse or recycle used carpet. Required features of an acceptable reclamation program: company agrees to accept old carpet and backing and recycle into new carpet/backing. Do not landfill used carpet/backing or incinerate.

15. Carpet removal.
   a. Vacuum carpet prior to removal.
   b. Vacuum subfloor underneath to minimize airborne dirt.
   c. Remove old carpet before installing new carpet.

16. Extra stock:
   a. Project representative/designer to verify with University Renovation Services or University Residences the availability of space to store extra stock
      i. Project representative to review carpet scrap and select pieces to be retained for future repairs, OR
      ii. Provide owner with 5% of total installed square yards, full roll width, OR
      iii. Deliver leftover contents of last opened box of carpet tile to owner.
   b. Deliver extra stock to owner with protective covering for storage; label appropriately with manufacturer’s label, public works project number and amount left on roll(s).
   c. University Renovation Services or University Residences warehouse to provide signed receipt of delivery to project representative.

End