Carpenter Minimum Standard

1. **Concrete**

   **A. Walkways**
   
   1. Walking areas only should be no less than 4 inches thick. Walkways that have vehicular usage will be 6 inches thick.
   2. Where new concrete project meets existing, must be pinned (attached with rebar per code).
   3. Four inch thickness minimum.

   **B. Concrete Color**
   
   1. #678 (Santa Barbara Brown).
   2. #5084 Omaha Tan Davis Brown (Building 355 West Campus-Child Care Center).

   **C. Base**
   
   1. Four to Six inch base depending on usage and location.

   **D. Finish**
   
   1. Concrete must match existing.

2. **Classroom**

   **A. Chair railing recommended at height of chair.**

3. **Planters**

   **A. Water test must be performed and approved by UCSB Facilities Representative (drainage, leakage, proper install) 24 hour test.**
   **B. Contractor and/or manufacturer must submit written warranty.**
   **C. Potable water must be used (not reclaimed).**

4. **Hand Rails**

   **A. Pre-finished; no maintenance required (Anodized).**
   **B. Skateboard deterrents can be installed.**
   **C. Meet all code requirements.**

5. **Metal Door Frames**

   **A. Pre-finished with primer.**
6. **Exterior Metal Doors**

A. Galvanized steel – doors and frames shall be fabricated in the specified gauges (doors 20, 18, 16, or 14; frames 18, 16, 14, or 12) from zinc-coated steel. The steel shall be hot dipped galvanized so as to provide ductile coating, tightly adherent to the base steel. The zinc coating shall be A 60 coating in accordance with ASTM A 924. The Zinc coating shall be minimum spangle and shall be treated for paint adhesion.

B. A 60 coating is .6 ounces per square foot (17 grams/.09 square millimeter) of steel, total coverage.

7. **Door Hardware**

    Reference: UCSB Physical Facilities-Finish Hardware Standard

Tony DeAlba: REV. 12/04/2006