DIVISION 9
FINISHES
1.0 GENERAL INFORMATION
All laboratory floors to be industrial epoxy coating approved by Capital Planning and Construction.

Design must coordinate floor tolerances required in Division 3

2.0 GYPSUM BOARD ASSEMBLIES
Use of Gypsum Board window sills is unacceptable.

Architect to list UL Assemblies for each partition type for code assessment

5/8" Type "X" gypsum board to be used throughout unless written authorization is provided by Campus Architect.

Use 20 gage or heavier studs at tile backing and at door jambs. Use double studs at door jambs.

For public corridors 5/8" High-density paperless gypsum and cellulose wall panels with long edges tapered to form a shallow channel for joint reinforcement. Setting-type joint compound is required with these panels. FIBEROCK® panels from USG or approved equal.

Please note that the Fiberock panels belong to ASTM C1278, C1629.

3.0 TILE
Provide 5% of each size, type, and color of tile, but not less than 2 cartons; except in the case of accent colors, then the design consultant should recommend the appropriate quantities.

Prefer thick set application for showers and other demanding locations.

Coordinate tile wainscots with all toilet accessories including owner supplied items and toilet partitions to ensure mounting of these items does not straddle wainscot and that they meet ANSI A117.1 standards.

Larger floor tile is preferred with dark grout color. 1" floor tiles are not acceptable.

Floor must be stripped, scrubbed and a minimum of manufacture approved sealer applied before contractor turnover.

4.0 ACOUSTICAL CEILINGS
¾" Thick square tiles are preferred. If tegular edges are specified, confirm that diffusers are compatible.

Preferred grid Module 24" x 48"

Hanger Wires: ASTM A641, soft temper, pre-stretched, yield-stress load of at least 3 times the design load, but not less than 12 gage.

5.0 WOOD FLOORING
Limit use of wood flooring to athletic, recreational or performing arts applications. Any other than historical use requires approval from the Campus Architect.

Flooring should be stored and acclimatized to the space for a minimum of 14 days. At a
minimum of 65 degrees F.

Use waterborne finish rather than solvent based whenever possible.

Floor cleaner, sealer, and urethane finish shall be by BonaKemi USA, Inc., Aurora, Colorado, (303) 371-1411, or approved substitute.

6.0 RESILIENT FLOORING
Extra Materials: Furnish materials at the rate of 2% of total square footage installed, but not less than one carton for each color and pattern of flooring or at the rate of 120 lineal feet (one carton) for each color and type of base installed. Materials must be from the same manufactured lot as materials installed.

Do not specify solid colors without written approval from the Campus Architect.

Resilient base, 1/8" x 4" high, Provide straight base without cove for carpet and top set style with coved base for all other locations. Provide preformed or molded internal and external corner units.

If stairs must be resilient for budgetary reasons, single-piece stair treads, 3/16" gage minimum, with matching coved base and 0.080" gage sheet rubber stringer skirt.

7.0 CARPET
See standards section 09680

8.0 PAINTING
Field painting of exposed bare and covered pipes, conduits, hangers, exposed steel and iron work, and primed metal surfaces of equipment installed under the mechanical and electrical work. Coordinate with General Maintenance Shop for color coding.

Do not paint over any:
Moving parts of operating units.
Equipment identification.
Performance rating data.
Name or nomenclature plates.
Code-required labels.

Preferred Manufacturer: Glidden Company, formerly ICI Dulux
Alternate Manufacturers: Benjamin Moore & Co.
Sherman Williams

Extra Materials: Leave on premises where directed by the CSM Project Manager, not less than 3 gallons of each standard color and one gallon of each accent color. All material shall be in unopened 1-gallon containers, tightly sealed and clearly marked with manufactures name, color number or formula, base number and sheen.

Waterborne or latex acrylic coatings shall be used unless prior approval for substitution is obtained.

VOLUME SOLID CONTENTS
When applied at a rate of 400SF per gallon-obtaining a MIL thickness when dry of a minimum of 1.3 MILS, the minimum acceptable Volume Solid Content must be A (see list below) minimum and angular specular sheen should be B (see list below).
For Flat finish
- For Eggshell or Satin finish
- For Semi-Gloss finish
- For Gloss finish

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
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</thead>
<tbody>
<tr>
<td>Flat finish</td>
<td>38%</td>
<td>0-5 @ 60°</td>
</tr>
<tr>
<td>Eggshell or Satin finish</td>
<td>36%</td>
<td>14-30 @ 60°</td>
</tr>
<tr>
<td>Semi-Gloss finish</td>
<td>34%</td>
<td>30-45 @ 60°</td>
</tr>
<tr>
<td>Gloss finish</td>
<td>34%</td>
<td>50-70 @ 60</td>
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</tbody>
</table>

85% sheen measurement is not acceptable.

Restrooms, showers, janitor closets or other rooms subject to moisture should be painted with semi-gloss finish.

All other walls must be painted with an Eggshell or Satin that meets the above sheen and volume solids ratings.

All trim is to be painted with semi-gloss paint that meets the above sheen and volume solids ratings.

END OF SECTION