

SECTION 09 30 13
CERAMIC TILE
Design Standard

PART 1 GENERAL

1.1 PURPOSE:

Ceramic tile design standards are intended to provide an easy a durable, easy to maintain facility that recognizes human perception and the need for construction efficiency.

San Mateo County Community College District is strongly committed to promoting sustainability throughout their campus projects. Section 01 81 13 Sustainability of the Design Standard provides guidelines and recommendations for implementing sustainability strategies. Where relevant, specific sustainability criteria is noted in this section; however; each project team should review and cross reference that front section while developing the specific project and its documentation. Each discipline shall conform that specific performance and manufacturer information provided in the specification section is in alignment with code requirements, LEED criteria, and any other goals for sustainability.

PART 2 PRODUCT

2.1 FLOOR TILES

Random mosaic, multi-color ceramic tile floor not only adds visual interest, but its colors were selected very deliberately to camouflage the stains and dirt that are cleaned on a daily basis, but may detract from the overall clean feeling of the restroom between cleanings.

A. Taupe colored grout is intentionally used on both the wall and floor tiles. The grout color naturally minimizes the appearance of stains. By using the same grout on walls and floors, the installer can complete the work in a single application, for economy of scale, thus reducing the cost to the District.

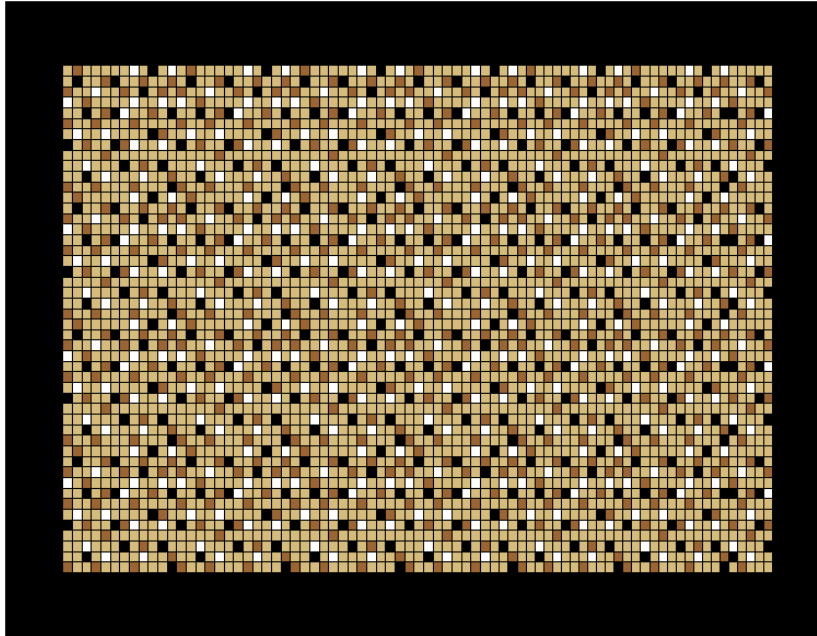
B. The variety of tiles is maintained at an acceptable number to satisfy both visual interest and reasonableness in attic stock.

1. In the event that wall tiles are broken and require replacement, there are only 4 possible tile options that the maintenance/repair personnel have to rummage through attic stock to find.

2. In the event that floor tiles are broken and require replacement, there are only 5 possible tile options – and if it's one of the 2 X 2 mosaic tiles, any color will suffice because of the random pattern.

3. In either case, the taupe grout color remains the same.

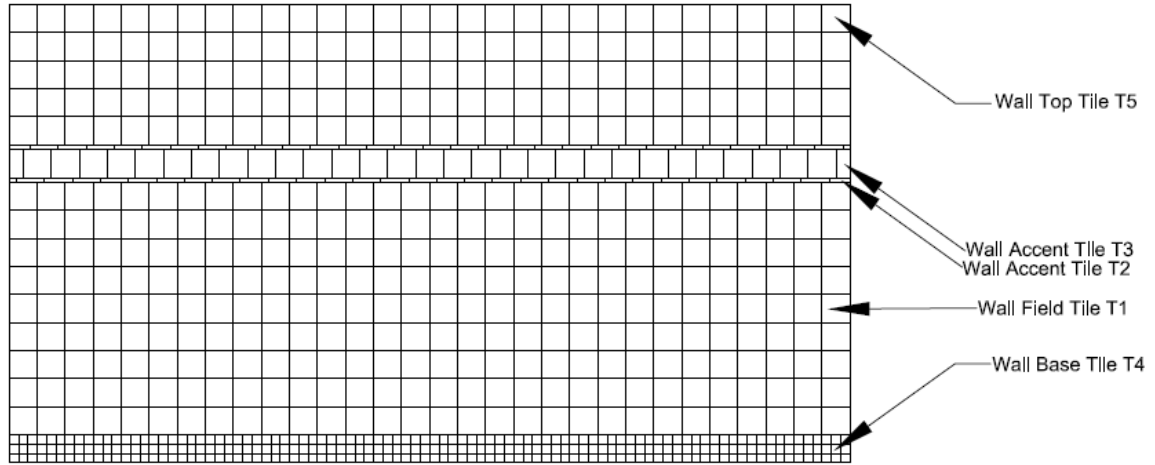




2.2 WALL TILES

- A. Wall tiles start above a built-up cove tile base. They are arranged stack bond pattern.
- B. An accent band in tile is set 6 full field tile units above the base. The accent band consists of two 1"x 6" liner bands bracketing a single run of standard 6"x 6" wall tiles. The liners shall be arranged so that the joint lines are offset from the field tiles in a 25/75% arrangement. Both top and bottom liners shall have offsets which oppose each other. The 6"x 6" tile in the middle of the accent band shall be set offset from the field by 50%.
- C. The wall tile height is set at approximately 6" below the ceiling line (as close to 6" inches without cutting tile); this allows the wall tile to be high enough that graffiti is limited to the easily-cleaned tile surface instead of painted gypboard, yet the tile is stopped below the ceiling line so that the effort and associated cost of scribing tiles to an imperfect ceiling line is voided.





Floor Tile

All floor tile shall be as manufactured by DaTile, Keystones style, in 2"x2" squares, randomly mixed as indicated in the table below.

Application	Reference	Color	Color Code	Mix
Field	MT-1/A	Golden Granite	D138	10%
Field	MT-1/B	Mottled Med. Brown	D050	65%
Field	MT-1/C	Artisan Brown Speckle	D204	15%
Field	MT-1/D	Black	D311	10%
Border	MT-2	Black	D311	All

Wall Tile

All wall tile shall be as manufactured by DalTile, Keystones style, in 6"x6" size, Semi-gloss finish, unless otherwise noted.

Application	Reference	Color	Color Code	Note
Built-up Base	T-4	Black	D311	Mfgr style: MB-5A
Field	T-1	Arctic White	190	
Liners	T-2	Arctic White	190	1"x6" size
Accent	T-3	Arctic White	790	Matte finish
Bullnose	T-5	Arctic White	190	

Epoxy Grout

Bostik Findley Hydroment Epoxy Grout
Custom Building Products Polyblend 100% Solids Epoxy Grout

2.3 APPROVED MANUFACTURERS

- A. Ceramic Tile
 - 1. DalTile
 - 2. Demonstrated equivalent if approved in writing by Vice Chancellor of Facilities or Executive Director of Construction Planning
- B. Epoxy Grout
 - 1. Bostik Findley, Custom Building Products
 - 2. or equivalent

PART 3 EXECUTION**3.1 SUBSTITUTIONS ALLOWED?**

Only for grout if performance and quality equivalency can be evidenced.

3.2 ASSOCIATED DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS

Rest Room Interiors Guideline

END OF SECTION