SECTION 09300

FLOOR AND WALL TILE (final)

PART 1 - GENERAL

1.01 Tile floors and base in all bathrooms, restrooms and janitor’s closets.

1.02 In dorm, athletic restrooms and showers, and in major food service facilities tile over cement board is required on all floors and walls except for mirrors.

1.03 At a minimum all wet walls in multi-user bathrooms shall be tile over cement board except for mirrors.

1.04 Refer to the TCA (Tile Council of America) handbook for assistance in selecting the installation type including mortar beds, grouts, and details.

1.05 Whenever possible provide materials obtained from one source for each type and color of tile, grout, and setting materials.

1.06 RELATED WORK

A. Section 00100 General Conditions for as-built samples

PART 2 - PRODUCTS

2.01 Tile includes ceramic, quarry, paver and stone tile for floor, wall and base.

2.02 Slip resistant tile shall be used for floors.

2.03 All cove bases in bathrooms shall be tile.

2.04 A textured or grooved stone threshold that is flush to both floors shall be used for slip resistant surfaces as a transition between tile and dissimilar flooring material.

2.05 Follow the “Grout Guide” in the TCA handbook for selection and installation systems.

2.06 Before grouting apply sealer to all surfaces. This step will allow quick and easy cleanup after grouting. Grout can stain many surfaces if this procedure is not used prior to the grouting process.
2.07 It is required that in all areas, including floors and walls, a cement backer board underlayment is used unless a tile or concrete substrate exists.

2.08 In shower areas membrane systems are not allowed, instead use copper pan systems and mud job.

2.09 WATERPROOFING:

   A. In rooms where tile floors have floor drains or large quantities of water exist, the use of a waterproofing layer beneath the tile and flashed into the drains is required. It is also required that the membrane is carried up the wall (4”) behind the finish.

PART 3 - EXECUTION

3.01 Tie membrane into pan. Membrane joints shall be installed before the tile.

3.02 LAYOUT:

   A. Align all new tile joints to give straight uniform grout lines, plumb, level and parallel between floor and walls.

   B. Particular attention shall be paid to coursing.

   C. Coordinate with all involved trades.

3.03 EXISTING TILE SUBSTRATE:

   A. Tile may be made over the existing tile if the existing tile and substrates are sound.

   B. Careful consideration shall be given to the adhesives, substrates, existing fixtures, fittings and sleeves through the floor to execute this type of application successfully.

3.04 DRAINAGE:

   A. Whenever possible multi-use showers in athletic facilities shall use trench drain systems. Where floor drains are required, floors shall pitch to drain.

END OF SECTION