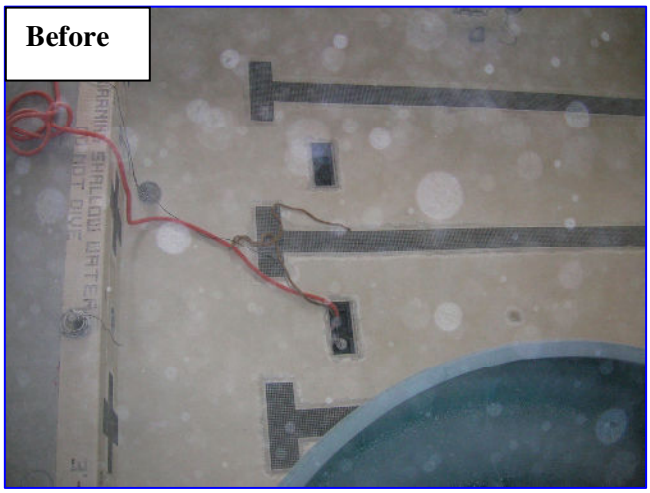
PROJECT HISTORY

CITY OF MISSION, KANSAS

MISSION, KANSAS

COMPLETION: 2008

Before



PROJECT ASSESSMENT

"What needed to be done"

Large indoor pool complex originally surfaced with white pool plaster. Heat in combination with chemically treated water yellowed the surface and deteriorated the smooth finish. The rough, spalling surface took its toll on swimmers, especially children's feet. After years of draining, (repeated cycles of drying and wetting), cleaning and acid washing, the pool surface started to experience adhesion problems and a series of pop-offs developed.

RE-SURFACING PLAN

"How it was done"

Pebblecrete was the choice for the new surface. Re-surfacing with Pebblecrete results in a thicker surface coating than re-plastering with pool plaster or Diamond Brite. The expected thicker new coating demanded deeper and wider removal of the existing pool plaster around waterline tiling, pool lights and other orifices. Brush blasting was used to remove the spalled and weakened top layer surface finish, followed by high-pressure water blasting (>5000 psi). Mechanical removal of the existing plaster from the tile line and other fixtures extended to a depth of 6–8". Following cleaning and high-pressure water blasting, SGM bond coat was applied throughout the pool shell followed by a new, mist-cured Pebblecrete surface.

Renovation Result

SAMPLE PICTORIAL SEQUENCE ON BACK OF THIS PAGE

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Removal in Progress from the Yellowed Surface

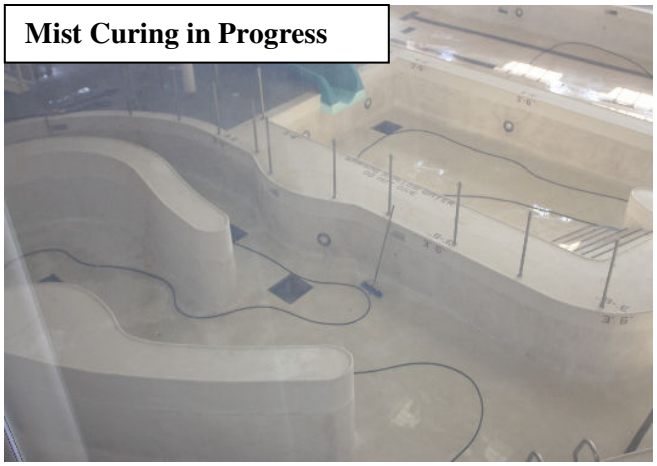
Depth of Plaster Removal from Tile Line

Protective Paper During Bond Coat Installation

Pebblecrete Installation in Progress

Exposing the Pebbles

Mist Curing in Progress



PROJECT SPECIFICATIONS:

TOTAL SQ. FT.:	5,780
POOL SHAPE:	RECTANGULAR, LAZY RIVER, ZERO-DEPTH WALK -IN
TYPE OF CIRCULATION:	SKIMMING, TILED CONCRETE GUTTER SYSTEM
TYPE OF CONSTRUCTION:	SHOT-CRETE
TYPE OF FINISH AFTER RENOVATION:	PEBBLECRETE

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