



St. Mary's College High School Track & Field Improvements Berkeley, California

Structural Engineering



Client Reference:

Devin Conway, Principal
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Budget: \$3.1 million

Mesiti-Miller Engineering provided their structural engineering expertise for this landmark athletic field project from development of the master plan through design and construction. The dramatic hilltop location of the existing outdoor track and field area presented some structural and geotechnical challenges as the perimeter of the new track is adjacent to existing unstable slopes for much of its circumference. As a result of collaboration amongst the design/build team, a subsurface, reinforced concrete grade beam and pile support system was developed for the most critical locations. The total project included an all-weather track, a synthetic turf field, baseball infield and backstop, an all new CMU storage/equipment building partially embedded in the slope, several other retaining walls, site fencing and netting, sound walls, and storm drainage improvements.