VERDE DESIGN WAS RETAINED by Devcon to provide design-build services for the San Jose Earthquakes Practice Facility, a sand-based natural turf field that includes a 75 x 115 yard field with additional practice space.

Drainage and irrigation designs with associated details were provided as well as coordination with a booster pump manufacturer for an air gap system (a City of San Jose requirement). Irrigation and electrical points of connection were brought through adjacent properties. An irrigation main line connection was made around 1000 feet from the field. The main line was brought above grade so as not to impact neighboring properties. Coordinating the booster pump and above grade main line was a special challenge. The irrigation pipes were upgraded to ductile iron at certain locations to prevent breaks from the pressure build up caused by the booster pump.

This project went from start to finish in the brief span of a few months, partly due to acting quickly during the design phase. Being out on the site almost daily assisted in construction administration so the field could be constructed on time and under budget.

Program:
- Sand-based natural turf field
- Vinyl-coated fencing and pedestrian and vehicular gates
- Irrigation booster pump and irrigation system

Services: Site design, construction documents, construction administration services

Client: Devcon Construction, Inc.
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Construction Cost: Design-build (no cost available)
Size: ~2.5 acres
Schedule: February 2010 - April 2010