2010 CFA PROJECT OF THE YEAR

PROJECT 5 ENTRY INFORMATION

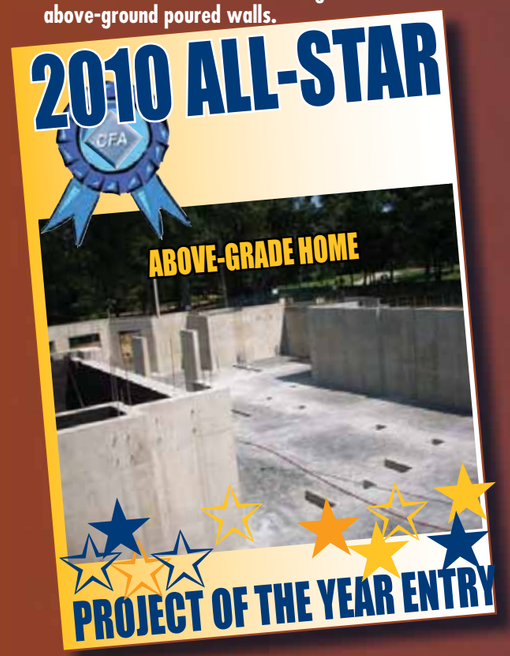
SIZE: 3,000 total sq. ft. basement +pool house + garage

FOOTINGS: 265 cu. yds. concrete
3.8 tons steel

WALLS: 612 cu. yds. concrete
4.9 tons steel
Heights: 11' basement, 24' above
Thickness: 8" to 24"

THE STORY

This house had the works. Originally designed as a 3 ½ level CMU foundation, the entire house was changed to poured-in-place with 24" thick walls to carry an authentic stone boulder veneer 2 ½ stories to the attic, curved roof ledges, custom window and door openings, free-standing columns to carry masonry fireplaces at 3 levels, bay windows and multiple floor elevations required intricate planning and forming. The working drawings were always shown as CMU; we had to plan several phases ahead of ourselves for the framer and other trades' installation, accounting for cast-in-place and free standing steel beams and columns, and internal wall and conduit pipe systems. The private community limited the work day hours and construction noise. The site was cleared in sections with major trees limiting equipment and material; at the same time, the size of the walls required placing concrete in slow lifts timed exactly to eliminate cold joints. Major shoring and bracing was planned to eliminate blow-outs. In addition to the main house, a Pool Pavilion and Detached Garage also included above-ground poured walls.



ABOVE-GRADE HOME ENTRY 5