

Salt Court Townhomes

Application

52,300 cubic feet of EPS 19 Geofoam was used as landscape fill in the construction of the new Salt Court Townhomes at The Preserve community in Redwood City, California.

Project Details

Spring 2010, engineers needed a strong, yet lightweight fill material that would not require settlement time for two phases of the Salt Court Townhomes construction project. The first phase used 16,000 cubic feet of 3' x 4' x 16' EPS Geofoam blocks as a lightweight fill material to withstand the weight of the 3 foot wide irrigation pipes installed above the Geofoam.

The second phase used 36,300 cubic feet of EPS 19 Geofoam to fill an 800 feet long by 16 feet wide trench along the Redwood Shores Levy, allowing for the backyards of the townhomes to be raised while not damaging the levy itself with a heavy fill material. Raising the height of the backyards provides residents with an unobstructed view of San Francisco Bay and the Dumbarton Bridge.

The use of Geofoam as a lightweight fill material saved the project considerable time and money by not having to wait for settlement when soil is used as a fill material.

Geofoam

Salt Court Townhomes

- Redwood City, CA
- Spring 2010
- Geofoam Landscape Fill
- 52,300 Cubic Feet

Engineer

John Gouchon
BKF Engineers

General Engineering Contractor

Phase 1: Top Grade Construction
Phase 2: DeSilva Gates



ACH
FOAM TECHNOLOGIES

WWW.ACHFOAM.COM