Barrabool Hills Baptist Church, Geelong West, Australia

**PROJECT OVERVIEW:**
Located in Australia, the Barrabool Hills Baptist Church sought to upgrade its irrigation system in conjunction with a major redevelopment of its expansive site. The project scope included a substantial investment in water harvesting, a new pump station and several areas of drought-tolerant grass.

**CHALLENGE:**
The Barrabool Hills site features numerous slopes and rocky areas. In addition, the phased project demanded a solution that could grow as construction progressed over a period of years. To contend with a challenging climate and help manage its complex watering needs, the site also planned to implement central control at a later date.

**SOLUTION:**
The Rain Bird® ESP-LXD Decoder Controller leaves the door open for easy system expansion, while also offering the option of central control at a reasonable price point. Beyond the site's control technology, Seal-A-Matic™ (SAM) rotors and sprays help prevent low-head drainage at the bottom of slopes. Installed on 1804 Spray Heads, Rotary Nozzles offer design flexibility and highly efficient water distribution from 13 to 24 feet.

**COST AND WATER SAVINGS:**
While documented water savings are not yet available due to the ongoing nature of the project, the easy-to-program ESP-LXD Decoder Controller resulted in time and labor savings during installation. Furthermore, because of the efficiency of two-wire control, the site significantly reduced its copper wire costs.

**IRRIGATION CONTRACTOR:**
Rural & Turf Irrigation

**COMPLETION DATE:**
Ongoing

**RAIN BIRD PRODUCTS:**
- ESP-LXD Decoder Controller
- 1804 SAM Sprays
- Rotary Nozzles
- 3504 SAM and 5004 SAM Rotors
- DVF and PEB Series Valves

Photo is representative, not actual site.