

The Edge in Constructing Environments

ONE OF AUSTRALIA'S MOST PICTURESQUE

PARKS

Grant Reserve is situated at one of Sydney's premier locations at Coogee Beach. The playground provides children and parents an unprecedented play experience. Beautiful artwork and a view of the beach under constructed shade sails make the playground safe and comfortable.

Works included installation of park furniture, drinking fountains, coloured concrete paving, playground equipment with rubber softfall, interactive interpretive playground features for sound and touch, turfing, fencing, brick and timber edging, and extensive planting and artworks. Randwick City Council and the local residents are delighted with the results and the playground is full of happy children day and night.



WATER HARVESTING MEANS BETTER SPORTS

FACILITIES

Tryon Oval No 2 is situated at East Lindfield in the Gordon Creek Catchment. The bushland around the site contains rare and endangered species and natural features of significance such as "Lindfield Rocks". There is a network of walking tracks and remnant stonework from the 1930s which is culturally significant.

Ku-ring-gai Council chose ESD Landscape Contractors to do a major reconstruction of Tryon Oval and the surrounding infrastructure. This involved complete stripping of the area down to the sub-grade, installing subsurface drainage to the oval, utilising swales and subsoil drainage to pits to harvest all stormwater runoff, which after running through the Gross Pollutant Traps, is then transferred to a 250,000 litre reservoir which was also installed by ESD. A fully automatic subsurface irrigation system was also installed which is fed by the harvested stormwater to keep the turf looking its best.

The final result is a fully self-sufficient, environmentally friendly playing field which blends in beautifully with the surrounding bushland.



A NEW FISHWAY FOR FISH MIGRATION

ESD created a rock-ramp fishway to allow fish to migrate between Lake Belvedere and Boundary Creek at Homebush Bay. The Fishway will help enhance biodiversity and improve water quality.

Scope of works included the following:

- Protection of flora and fauna, establishment of erosion, sedimentation and other environmental control mitigation.
- Geotechnical investigation of fishway site subsurface materials to understand foundation suitability, bearing capacity, fill removal and foundation quantities.
- Fabrication, supply, delivery and installation of all materials relating to the upstream trash rack weir structure.
- Modification of part of the trash rack grill including securing of bottom support rail.
- Excavation of all earthworks and installation of the geotextile membrane.
- Rock rip-rap of the base of the fishway structure.
- The rock spalls forming the fishway and the transverse ridge-rock and flow-control rocks.
- Drainage and associated works and environmental testing in accordance with Australia Standards.



ESD Landscape Contractors Pty Ltd
Unit E1, 15 Narabang Way, Belrose NSW 2085 Sydney Australia
Phone: 61 2 9986 1741 Fax: 61 2 9986 1745
Contact: Robert Griffith Email: robert@esdland.com.au