

SMRC RECYCLING CENTRE

Bannister Road | Canning Vale | WA

CLIENT
Site Architecture Studio

BUILDER
Oosteven Pty Ltd

DISCIPLINE
Structural

PROJECT COST
\$6m



Having been devastated by fire in 2009, the SMRC's recycling plant was being rebuilt, new and improved at the same site. Structerre were engaged to investigate and assess the remains of the foundations of the facility from a structural and geotechnical perspective, and then to design and document the structural elements of the "rebuilt" recycling facility as well as the adjacent two storey administration building and learning centre.

Structerre's design was based on utilisation of what was left of the original building's foundation systems, thereby minimising demolition and ground-works costs. Existing conveyor pits, loading docks, retaining walls and footings were incorporated into the new construction. The existing slab on grade was also preserved to supplement a new surface slab, allowing a much thinner slab to be constructed to service heavy-duty excavator traffic. By working closely with the client and constructor, Structerre produced designs that significantly reduced construction costs on this important community project.

 Residential  Geotechnical  Commercial & Infrastructure  Inspect & Investigate  Energy Assessment  Environmental

WA | QLD | NSW | VIC

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 **STRUCterre**
consulting engineers

PRINTING SPECIFICATIONS

Project Profiles (SCE)

Size: 210 x 297mm (A4)

Print Process: Digital

Stock: 250gsm, Colotech Silk

Finishes: Double sided or single Sided

Assembly: n/a

Further Info: n/a

Recommended Qty: 50 of each project