

Brookwater Estate, Ipswich QLD

Case study – Large-scale custom stormwater pits



Large-scale custom pits deliver smooth installation at designer golf course estate

Brookwater estate is one of Ipswich, Queensland's most highly regarded suburbs built around the Greg Norman designed Brookwater Golf Course. For their latest land release, the Dress Circle, Brookwater Residential partnered with the BMD Group as their civil contractor.

BMD required some large-scale custom pits for their stormwater works on the project and reached out to Humes for a complete modular precast solution.

With twin DN1500 Reinforced Concrete stormwater pipelines running through the estate, three large custom pits of various dimensions were required to meet pipeline access and change of depth requirements. All three of the pits, the largest measuring 4100L x 1200W x 3200H (internal), were supplied as modular pieces including base, chamber and lid.

Choosing to use a precast solution offered BMD the advantage of greatly reducing the man-hours and exposure to on-site hazards that an in-situ installation would have required.

The major lifting and installation component for each of the three custom pits was completed in just two hours with only an additional day's labour required for grouting, sealing and lid placement.

The pits were manufactured off-site at Humes Ipswich facility and only delivered as required, so there was no requirement for on-site storage.

BMD were impressed with the general quality and finish of the custom pits. With the installation going smoothly, and significantly reducing labour time BMD's Project Engineer, Jacob Meecham said 'Everything has been going well from our end, I would definitely look to use Humes moving forward for these types of structures'.

Project

Brookwater Estate,
Ipswich QLD

Principal

Brookwater Residential

Civil Contractor

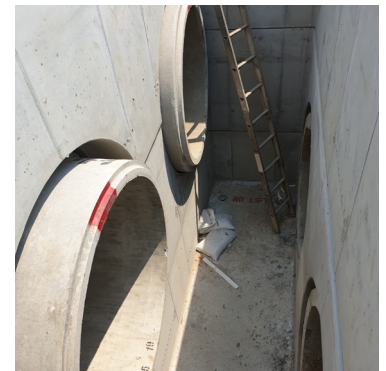
BMD Group

Project Engineer

Jacob Meecham, BMD Group

Product supplied

3 no. Large-scale custom stormwater pits



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