

CASE STUDY | ADS N12 PIPE

TALLEBUDGERA ACTIVE PRECINCT GOLD COAST, QLD



PROJECT INFORMATION

The refurbishment of the Gold Coast Adventure Precinct included the demolition of the existing gym, corridor and roof, multipurpose outdoor courts and storeroom on the end of the existing show court. In doing this, new pipelines were required to direct the flow of water out into the council drainage network.

This is where SPEL were able to quickly and cost-effectively assist, by providing the civil contractor with 140 meters of pipe, delivered to site in 3 days from order, ready for installation.

The new precinct will involve the construction of a new gym, amenities, reception area and building housing 2 multipurpose courts.

INSTALLATION

Cumulatively, it took the civil contractors 1 ½ days, including the excavation work to install 140m of pipe, working out to be roughly 13m laid per hour. The pipe was lowered into the trenches by hand thanks to the product's light weight.

The civil contractor was impressed with the ease at which the pipe was installed and joined together. With this in mind, the contractor not only saved time onsite but also saved significantly with onsite costs.



CONTRACTOR	ALTO CIVIL, MCNAB
ENGINEER	ACOR CONSULTANTS
CLIENT	GOLD COAST RECREATION CENTER
LOCATION	TALLEBUDGERA ACTIVE PRECINCT
PRODUCTS USED	450MM ADS N12 PIPE



spelstormwater
joy in water



ADS HDPE PIPE

ADS HDPE corrugated pipe is dual wall (corrugated outer wall and smooth inner wall) pipe engineered from high density polyethylene (HDPE).

Light, strong and durable, it requires low cover and is hydraulically efficient with superior performance in gravity-flow drainage applications.

FEATURES

- Light, strong and durable stormwater drainage pipe
- Supports AS5100.2 Highway and Railway loads
- Installation and design in accordance with AS2566
- Low Manning's due to smooth polyethylene interior
- Excellent abrasion and chemical resistance
- Light weight and robust
- No bell hole dig required due to constant outside diameter along the joint

APPLICATIONS

- Railways
- Mine sites
- Civil stormwater
- Irrigation
- Stormwater re-use

