



# GRP MANHOLE

Project Case Study



Supplying engineered pipeline,  
fitting & valve solutions.



## Technical Project Specifications

3 x DN1100 Custom  
GRP Manholes  
+ Access Covers

Service medium:  
Gravity Sewer

Certifications:  
AS/NZS 3571.2  
WSAA Appraisal  
14/20



**PROJECT** Nagari Road Trunk Sewer Upgrade

**WHO** Gosford City Council

**WHERE** Nagari Road, Woy Woy

**WHEN** 2015

**SCOPE** Design, manufacture, supply and delivery of an innovative sewer GRP manhole solution

### SUMMARY

Clover's GRP Manhole solution was selected by Gosford City Council for a critical DN1100 Trunk sewer main replacement, due to its innovative design and superior service life.





Need help with  
your project?

Get in touch.

### CLOVER PIPELINES

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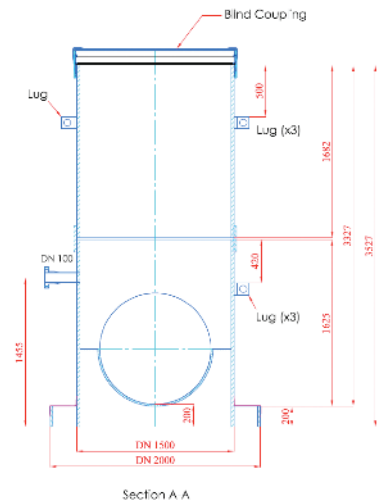
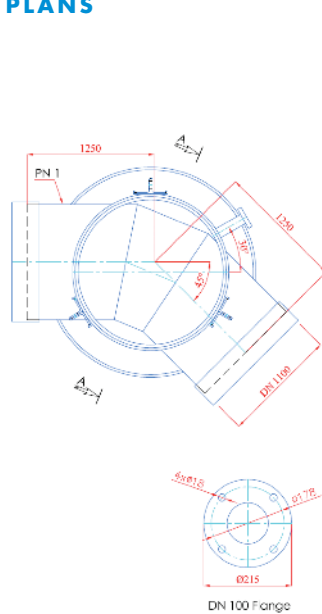
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### DESIGN PLANS



GRP MANHOLE			
<b>clover</b>			
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<small>           Date: 16/05/2016            Drawn by: E. ALFORD            Checked by: C. SCHUB            Approved by: G. CHICKER         </small>	<small>           Revision: 1            Date: 16/05/2016         </small>	<small>           Drawing: 1            Date: 16/05/2016         </small>	<small>           Scale: 1:1            Sheet: 1 of 1         </small>
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### FEATURES

- › Clover fully designed three (3) custom GRP manholes to suit a new DN1100 GRP gravity sewer main.
- › DN1500 GRP access riser with fully benched and deflected chamber and access platform with multipart riser to allow staged installation.
- › Flanged rising main connection and anti buoyancy design incorporated into shaft design.
- › Laminated inlet and outlets to match existing reinforced concrete sewer main diameter.
- › Lightweight design with integrated lifting points for reduced installation time and costs.
- › Superlit GRP coupling system with full face EPDM seal for guaranteed seal integrity.
- › No welding required.
- › Long life corrosion resistant material that does not require sealing or protective coatings.
- › Optional covers, access ladders, foot wells, overflows and storage chambers available.

