



**STRUCTURAL DESIGN**

The standard **WATERGATE** Chamber is designed for a maximum **2 Metre** burial over the top slab under an area of passenger vehicle parking. Please consult with the factory regarding installations that will exceed the above conditions. This chamber must not be placed directly onto any hard surface. We recommend a granular base, minimum 200 mm thick.

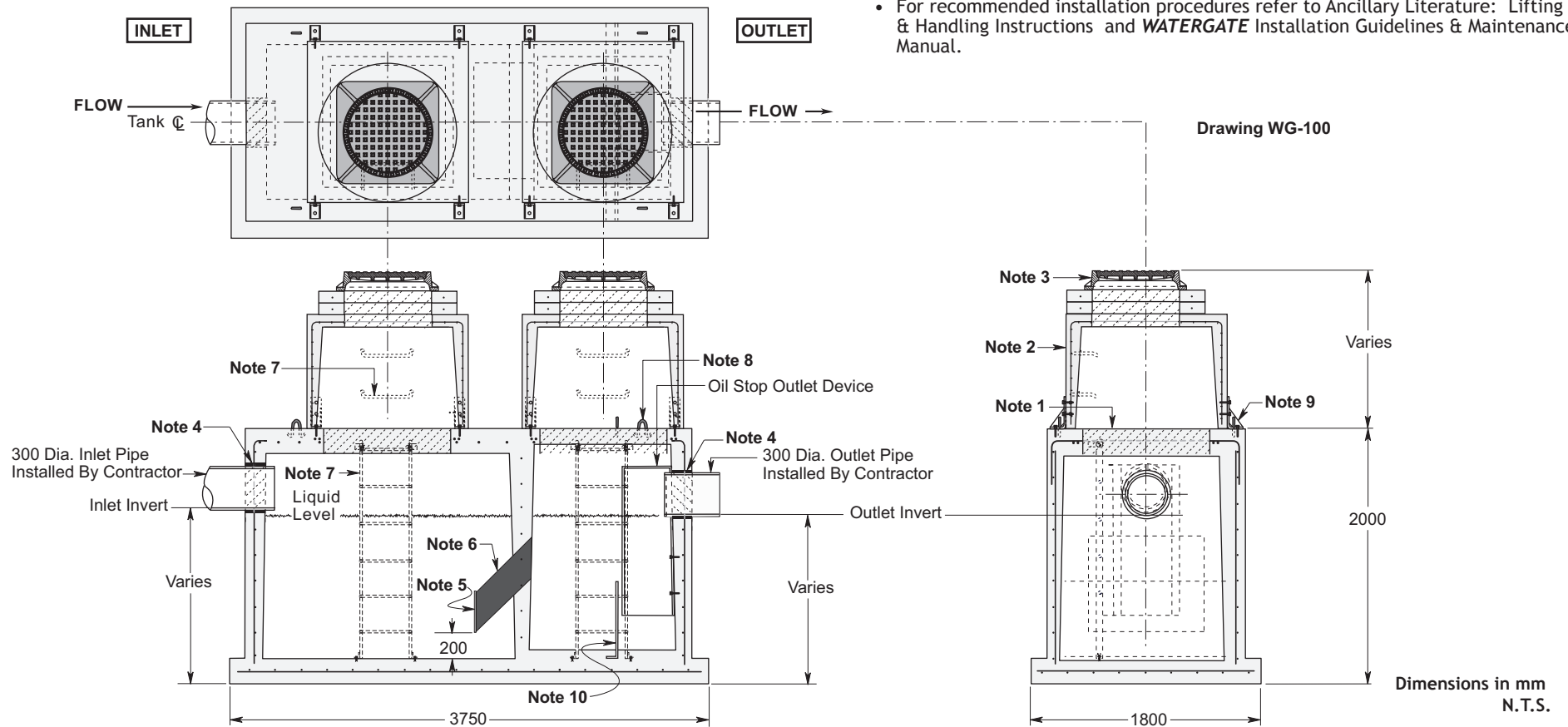
**Concrete:** 35 MPa at 28 Days, 5 to 8% Air Entrainment.

**Reinforcing:** Grade 400 deformed bar to suit loading requirements.  
Minimum cover over reinforcing bars - 25 mm.

**THIS CHAMBER IS FACTORY ASSEMBLED EXCEPT FOR ANY ACCESS RISERS AND IS INTENDED TO BE SHIPPED AND INSTALLED AS A ONE PIECE UNIT.**

**Shipping and Handling Weight: 13,000 kg**

- For recommended installation procedures refer to Ancillary Literature: Lifting & Handling Instructions and **WATERGATE** Installation Guidelines & Maintenance Manual.



For recommended installation procedures refer to Wilkinson Installation Guidelines and Lifting and Assembly Instructions.