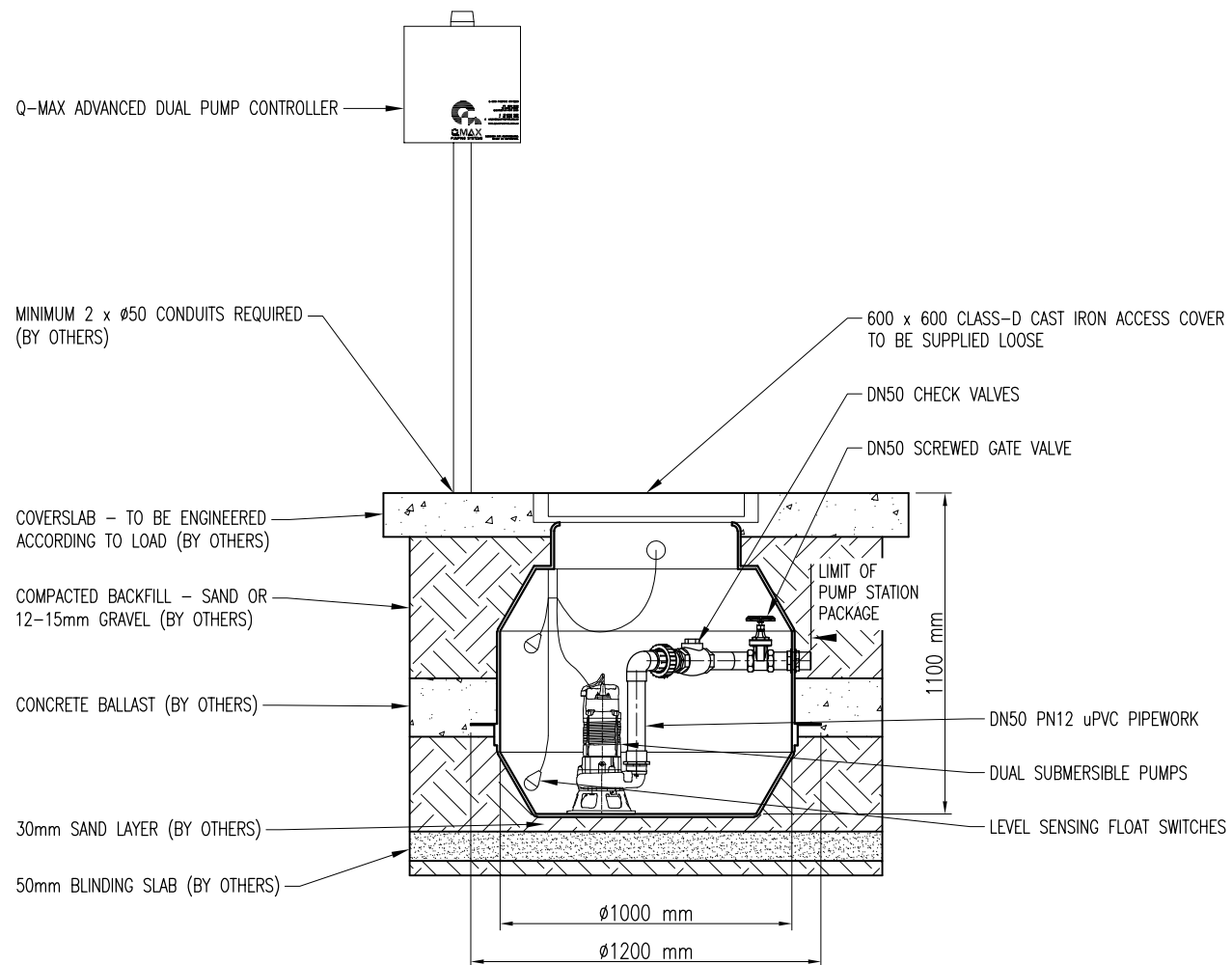


SECTIONAL PLAN VIEW
SCALE: 1:25 @ A3



SECTIONAL ELEVATION
SCALE: 1:25 @ A3

SPECIFICATIONS:

1. INTERNAL DIAMETER - 1000mm nominal.
2. METHOD OF MANUFACTURE - filament wound fibreglass using patented chop hoop filament winding process for maximum circumferential and longitudinal strength - design conforms to AS2634 - 1987.
3. VALVES - DN50 BSP.
4. PIPEWORK - DN50 PN12 uPVC.
5. PUMPS - 2 x Submersible pumps
6. LEVEL CONTROLS - Backup float level switches.
7. PUMP CONTROLLER - Q-Max Advanced, dual alternating controller, free standing or wall mounting, to project drawing and specifications.
8. TOTAL COMBINED CONCRETE BALLAST - minimum 0.36 cubic metres.

INSTALLATION PROCEDURE FOR Q-MAX FIBREGLASS PUMP WELLS:

- A. Excavation for tank should be no greater than 300mm oversize if possible.
- B. Level the base with compacted road base and pour 50mm concrete blinding slab with 30mm cover of clean washer sand.
- C. Lower well into excavation making sure no sharp objects can cause damage.
- D. After leveling well, half fill it with water.
- E. Check all plumbing connections for leaks.
- F. Pour calculated volume of concrete ballast around base of unit. As a minimum the first reinforcement ring should be covered (see drawing).
- G. Complete backfill with 12-15mm gravel or clean washer sand.
- H. Concrete coverslab can then be poured around the well to engineers requirements, depending on traffic load etc.
- I. Ballast can be calculated as follows:
Volume of well in cubic metres / 2.2 = Cubic metres of concrete ballast (including cover slab).

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- Figured dimensions to be used in preference to scaling.
- Any dimensional or drawing discrepancy to be referred to the Q-MAX Project Manager Prior to the commencement of work.

Rev	Description	Date
A	General Draft	27.06.18

Status
GENERAL DRAFT

Q-MAX PUMPING SYSTEMS
PO BOX 6006
72 HIGH STREET
QUEANBEYAN NSW 2620
P 02 6128 1000 F 02 6299 7613
E ADMIN@QMAXPUMPING.COM.AU
WWW.QMAXPUMPING.COM.AU
QMAX PUMPING SYSTEMS
DESIGNED FOR PERFORMANCE.
BASED ON EXPERIENCE.

Client
-

Project
-

Drawn S. PATEL Date 27.06.2018

Designed D. PRIDHAM

Checked P. PRIDHAM Sheet 1/1

Scale 1:25 Size A3

Title
Q-MAX FRP-1010 PUMP STATION GENERAL LAYOUT

Drg No. 1010-50P Rev A