

Pump chamber arrangement

Note
PRECAST MANHOLE SECTION

1. Do not scale.
2. Lifting point are provide by lifting hooks or lifting from bottom of septic tank
3. Concrete grade to be C45 U.N.O
- 4.
5. *Stilling chamber to the distribution box should be greater than 3m in length*

Dimension

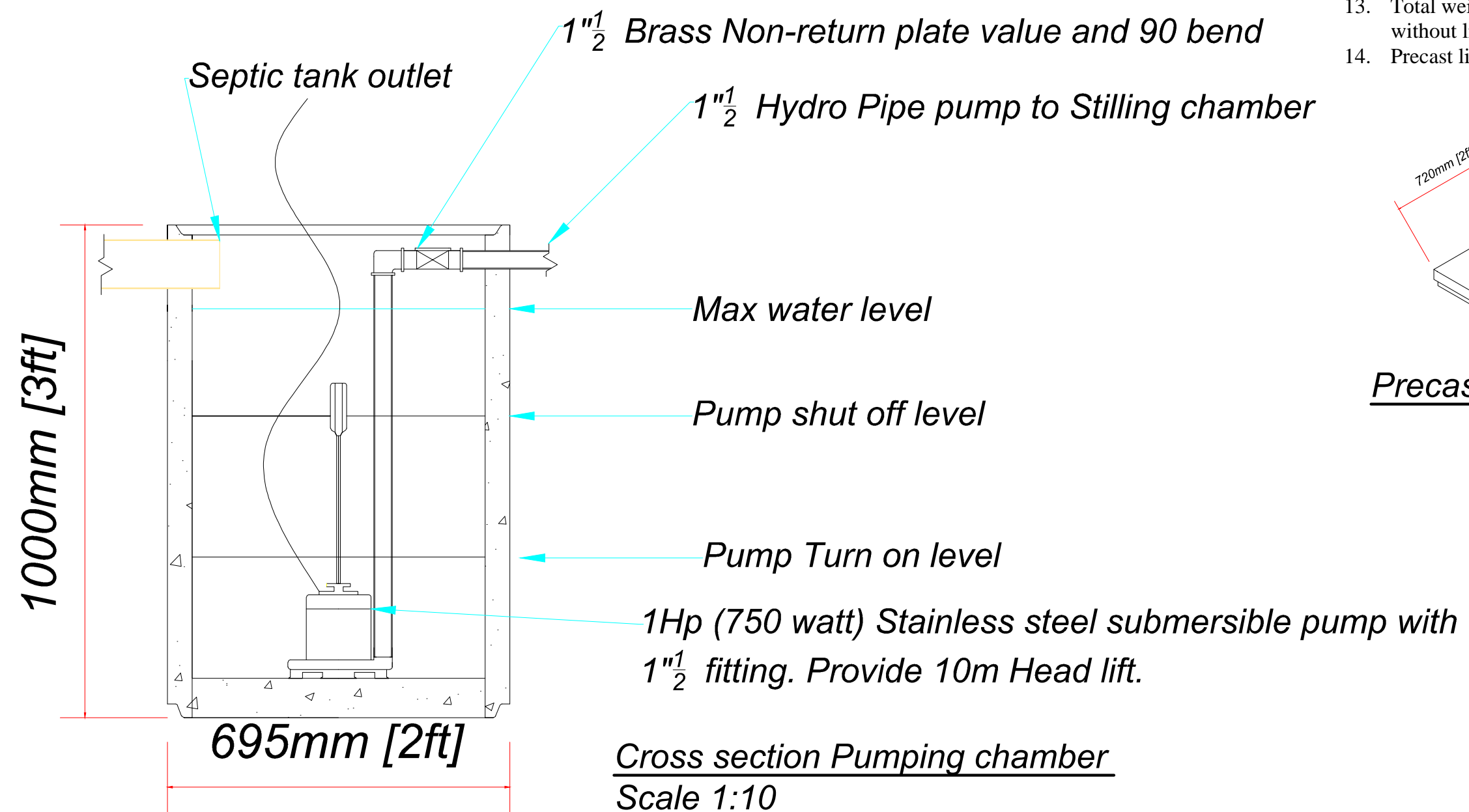
6. Max dimension external (HxB) 1000x700mm
7. Opening dimension 595mm
8. Inlet Pipe Position will depend on level of tank

Volume

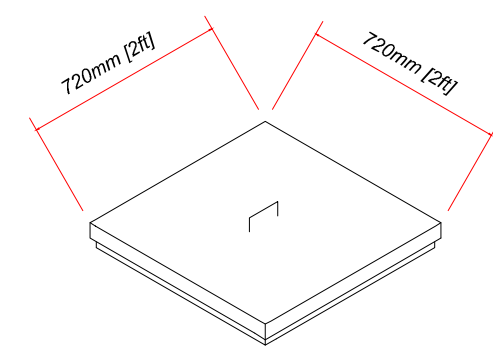
9. Max volume 250 liters (54 gal)
10. Typical holding volume 220 liters (48 gal)
11. Total volume of Box 0.39m³

Weight

12. Total weight of pumping chamber base 290 kg without lids
13. Total weight of pumping chamber pipe 240 kg without lids
14. Precast lid element weight approx 80kg



Cross section Pumping chamber
Scale 1:10



Precast Lids

Issue 2	Revised for Audit	
Issue 1	Construction	12-Sept-2013
Client	N/B	Scale Checked N/B
Drawing Title	Details	Dwg No. 1090/S/Tank Drawn CMcE
Project Description		Drawing & issue notes to be read in conjunction with issue sheet. ©This Drawing is Copyright
Septic tank Pump chamber		



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