STD PANEL CTRS 2896
 TYPICAL BASE CONSTRUCTION DETAILS 1. Level site and strip off all top soil to depth of GL - 250mm 2. Excavate for 450mm wide perimeter beam to GL-375mm min. 3. Check subsoil condition at bottom of trench, if soft soil or roots are encountered increase depth until firm subsoil is reached. The soil loading is unlikely to exceed 70kN/m². 4. Set up circular shuttering to tank OD+400mm. If circular shuttering is not available a straight sided octagon can be formed by filling in the corners of a square.
 Place and compact 225mm min clean hardcore. For large bases or poor soil conditions insert A139 (or equivalent) reinforcing fabric at FFL-100mm. Pour 150mm of RC30.ST4 concrete, tamp well and trowel finish. Locate base centre point and chalk the diameter of the tank, erect tank to this line making sure tank is perfectly round. Fix tank using M12 "Thrubolts". When tank is fixed form 30° sand /cement fillet at base of wall sheets. NB. Final details to be confirmed by qualified surveyor to ensure that the foundations are adequate for the site conditions
TANK SIZE 6' 9' 12' 15' 18' 21' 22' 24' 27' 30' 33' 36'
DIAMETER 2240mm 3175mm 4090mm 5000mm 5950mm 6900mm 7200mm 7800mm 8700mm 9625mm 10540mm 11480mm 12
GENERAL NOTES: Butyl Products Ltd TITLE: Scale: Drawn PRS - Third angle projection - Third angle pr
- All dimensions in millimeters unless otherwise stated Billericay, Essex, Essex, Standard Range Checked by
Description NO.REQD Burrs and sharp edges are to be CM12 0DW

Burrs and sharp edges are to be removed

NO. REQD.-PER UNIT

Description

ITEM CODE NO.

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39' 42' 45' 12400mm 13300mm 14250mm 151	48' 50mm			
Drawing number: BP-TANK BASE				
REV. Description	Ву	Date		

Date