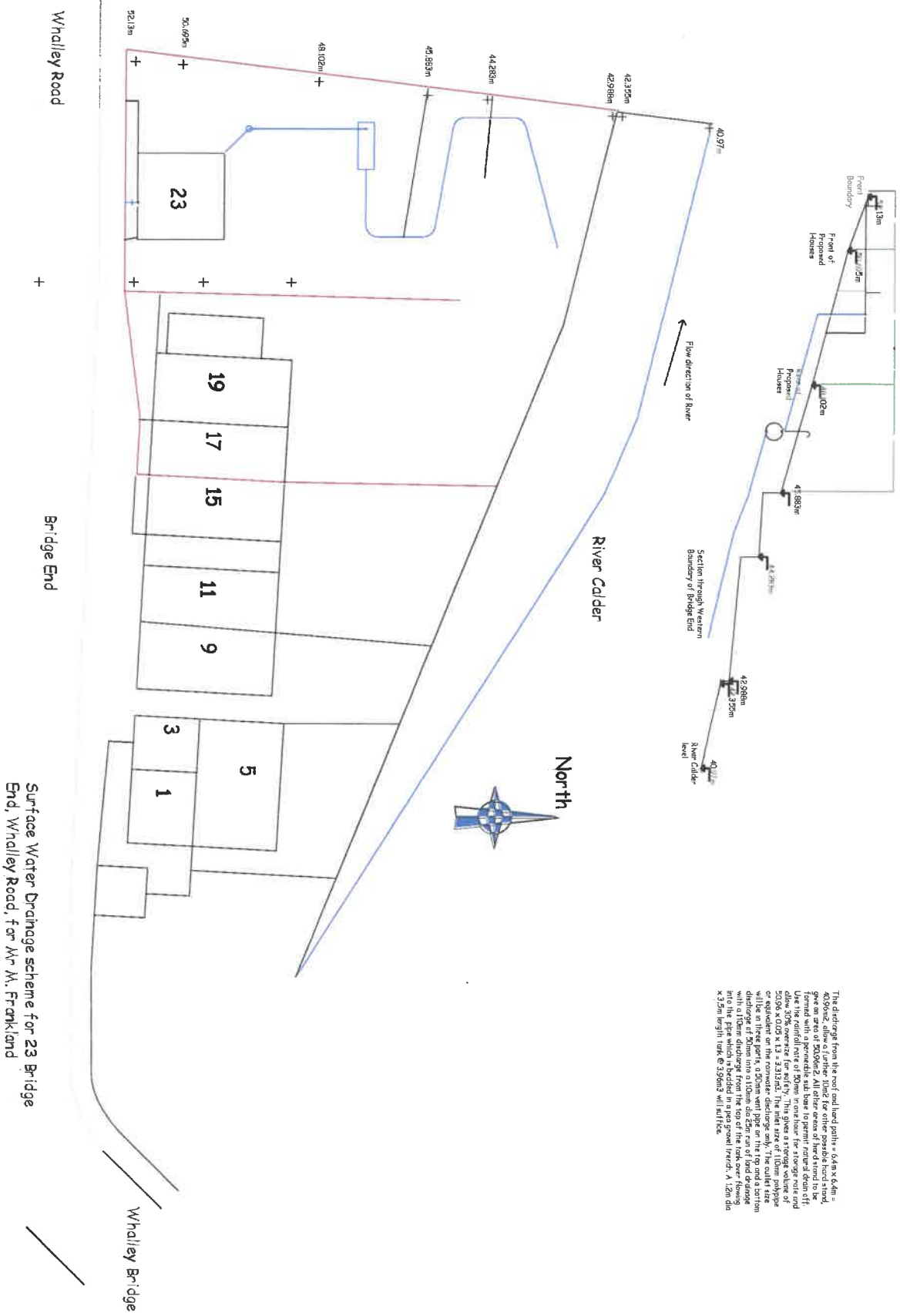




The discharge from the roof and land pitch is 6.6m x 6.6m = 40.9m², allow a further 10m² for other possible hard stand, give an area of 50.9m². All other areas of hard stand to be formed with a permeable sub base to permit rainfall drain off. Use a standard 150mm diameter pipe with a 1% fall to the 30% oversize for safety. This gives a rough volume of 50.9 x 0.02 x 13 = 3.313m³. The inlet size of 150mm polypropylene or equivalent on the road side discharge only. The outlet size will be 150mm. The discharge from the top and bottom discharge of 30mm x 100mm to the 150mm discharge into the 150mm discharge from the top of the tank over flowing into the pipe which is bedded in a 300mm trench. A 12m dia x 3.2m length tank or 300m³ will suffice.