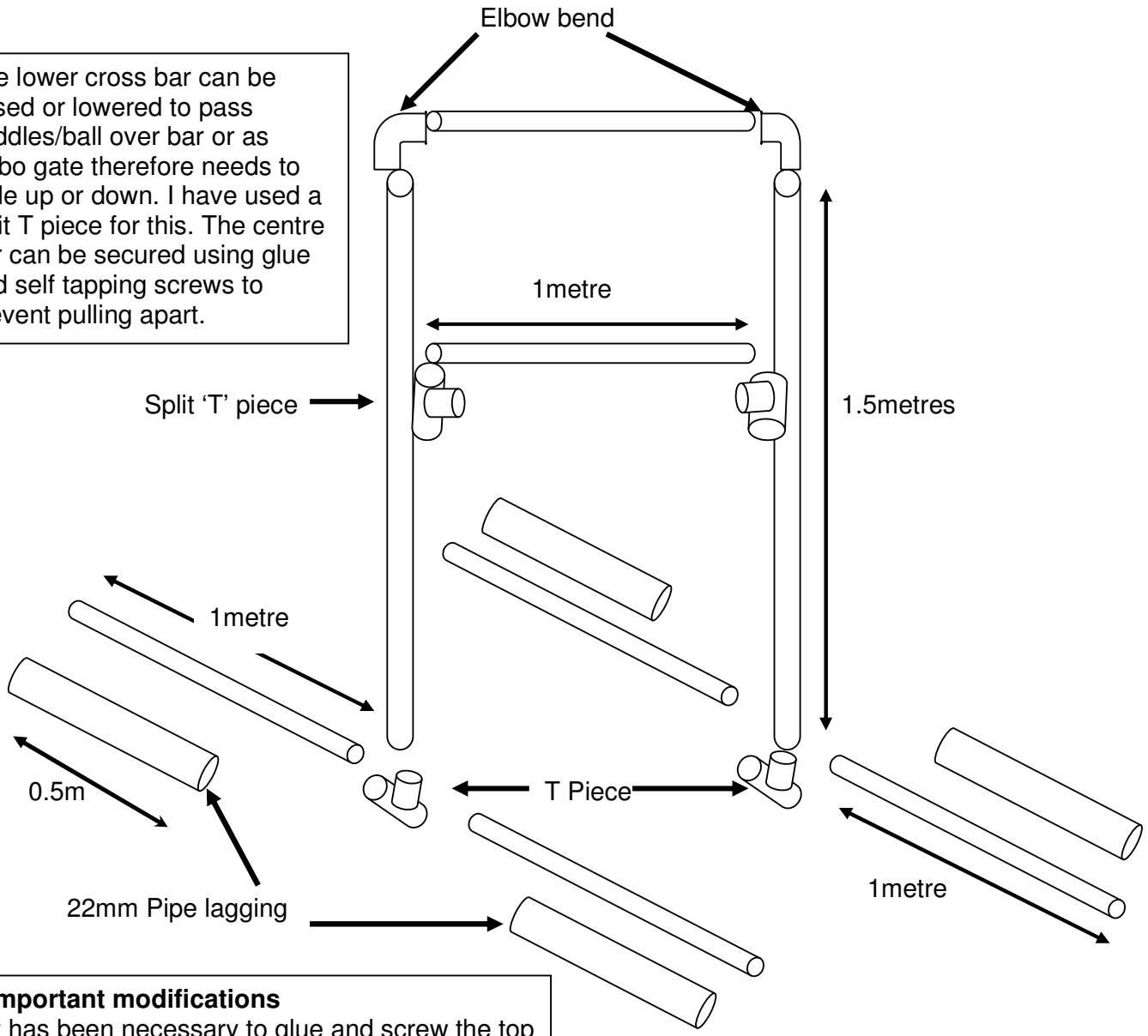
X Stream Gate construction

The lower cross bar can be raised or lowered to pass paddles/ball over bar or as limbo gate therefore needs to slide up or down. I have used a split T piece for this. The centre bar can be secured using glue and self tapping screws to prevent pulling apart.



Important modifications
It has been necessary to glue and screw the top 2 elbow joints and the sliding cross piece along with the bottom t pieces to prevent movement. The middle bar can still slide up or down and the float legs still removable. This system is still transportable on a roof rack or in back of an estate car.
Improvements to idea:
Colour code each gate a different colour for easy identification when coaching.
Fill floating legs and uprights with expanding foam to prevent filling with water.

Anchoring the Obstacle
A half house brick tied to each leg should be adequate in a still water environment. I am not sure what will happen in high wind conditions.

Each gate comprises of:

9 metres of 40mm plumbing waste pipe
4 x 'T' piece joints (2x Cut up middle)
2 x elbow bend joints
4 x 0.5 metres 22mm pipe lagging

5 x 9metres = 45 m waste pipe
5 x 4 = 20 'T' Pieces
5 x 2 = 10 Elbow joints
5 x 2 = 10m 22mm pipe lagging
Roll of electricians tape