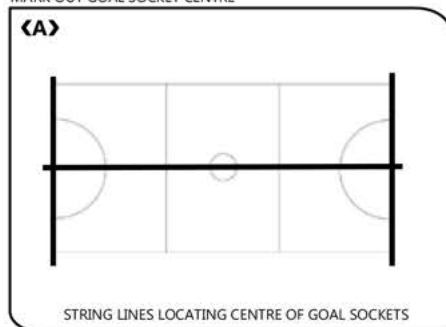


MARK OUT GOAL SOCKET CENTRE



Precision Site Survey

• Following completion and final compaction of the base and top course preparation a precision survey is installed to define the following points:

- Four corners of the court, centre of the white lines
- Court centre Point
- Court centre line, extending 1000mm behind the baseline
- Goal socket centre is on the centre of the base line

• All points located by a 40 mm sq. dumpy peg driven down to place its top surface 30 mm above the finished top course surface. A small tack nail is to be driven flush into the peg to define the precise point location.

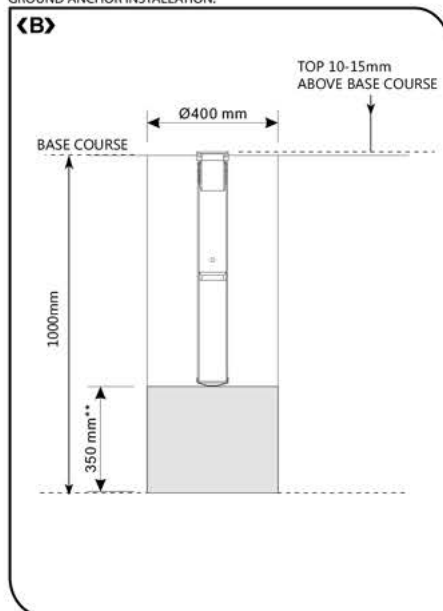
• Corner points for this initial set out are 25 mm inside the base line (centre of white line) to coincide with the centre of the goal sockets. Final subsequent set out for the line marking will be on the out side of the line positions as is normal

• Run String lines along centre of the proposed base line and down the court centre line packed up on 30mm plywood packers. Their intersection points will be the centre point of the goal sockets.

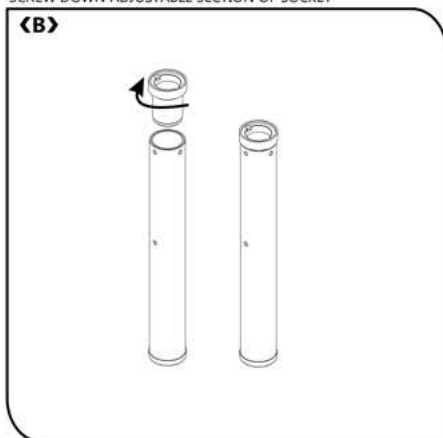
• **Set out by simple steel tape method will not provide the reliable accuracy required. Professional surveyors experienced in precision survey should be engaged for this work**

• **Required accuracy is within plus /minus 3 mm.**

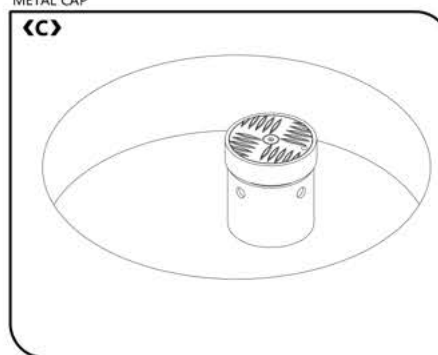
GROUND ANCHOR INSTALLATION:



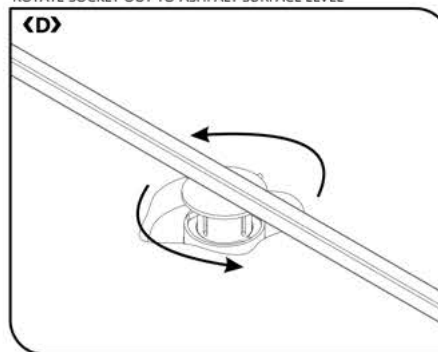
SCREW DOWN ADJUSTABLE SECTION OF SOCKET



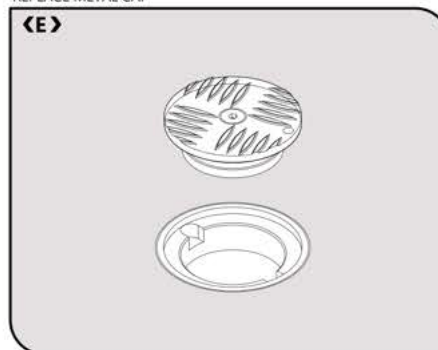
METAL CAP



ROTATE SOCKET OUT TO ASPHALT SURFACE LEVEL



REPLACE METAL CAP



CONTENTS CHECKLIST:

- 2 x Goal post sockets per court
- 1 x Setting jig

INSTALLATION INSTRUCTIONS:

Procedure - Setting Goal Socket

• Drill a Ø400mm hole 1m deep centred on marked goal centre. Remove string lines if necessary.

• Ensure the adjustable section of ground socket is screwed fully into the socket Ref.Diag

• Place and compact a drypack fine concrete mix of 7mm all in aggregate and cement 5:1 and roughly level in the bored hole base. Complete tamping and ensure the top of the socket is level and 10-15mm proud of the base course. Ref.Diag <C> for Goal Socket foundation details.

• Make sure goal socket is level and on centre.

• While holding the assembly in this position carefully place damp cement mix around the socket stem for a depth of 600 mm** gently tamping all sides. Take care not to move the socket horizontally with the tamping.

• Place metal cap over Goal Socket to keep free from hot mix during paving. Ref.Diag <D>

• GPS socket position and proceed with hot mix.

• **Once hot mix is set locate socket position using GPS information and excavate as close as possible to the outside diameter of the goal socket.**

• **Remove metal cap use setting jig to unwind top section of goal socket until flush with asphalt surface. Ref.Diag <E>**

• **Replace metal cap and repair asphalt surface around Goal Socket.???**