

TYPICAL SECTION / ELEVATION - 1:20

NOTES / SPECIFICATIONS

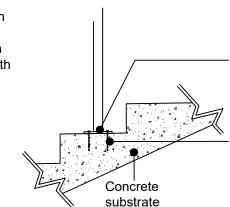
- (1.) Where handrail upright is located on gravel or grassed surface root fix in concrete as drawn above.
- (2.) For anchoring to concrete substrate anchor upright with a base plate bolted to substrate with appropriately sized resin achor rods. Ensure anchors are no closer than 75mm from edge of formation. Refer to inset drawing 2.
- (3.) For anchoring to stone substrate steps anchor upright by core drilling a minimum of 350mm into substrate and then resin anchor upright. Finish surface neatly by grouting last 20-30mm with grout to match stone colour as approved by Landscape Architect. Refer to inset drawing 3.

Handrail to be raked to follow gradient of footpath or steps with level sections at landings. For details of designed gradients and length of paths refer to general arrangement drawings 11 and 12 for Amphitheatre and Greenway Link . <u>All</u> dimensions to be checked on site prior to fabrication.

Handrail: 48.3Ø Mild steel with 3.0mm wall thickness, fully welded construction, hot dipped galvanised or hot metal sprayed mild steel.

All welds ground back to an even and smooth finish prior to galvanising, with any snots or snags removed.

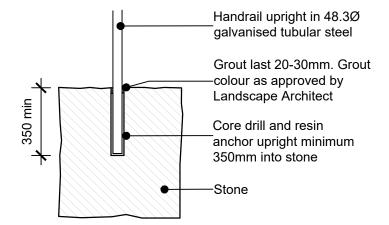
All Handrail fixings should be designed to meet the loading recommendations of BS 6399-1.



Mild steel base plate welded to upright with 4no. predrilled holes for bolts. Galvanised or hot metal sprayed finish.

4no. concrete archor rods resinanchored in place. Handrail fixings designed to meet the loading recommendations of BS 6399-1.

2. ANCHORING HANDRAIL TO CONCRETE SUBSTRATE



3. ANCHORING HANDRAIL TO STONE SUBSTRATE

