

4. Curved stile returns on cat ladders shall be in aluminium sections socketed into hollow stile risers.
 5. Ladder feet shall be properly dowelled into floors and stiles shall be fitted with fixing lugs for building in at a maximum of 500 mm centres. All fixings shall be stainless steel.
 6. Extruded aluminium sections shall be anodised to AAMA 606.1/BS 1615 Grade AA25 with a natural silver finish.
 7. Contact between dissimilar materials shall be prevented by the use of suitable washers bushes and bedding pads so as to avoid anodic reactions.
- H. Step Irons:
1. Step Irons shall be of stainless steel encapsulated in GRP and be of the general purpose or pre cast concrete manhole pattern as applicable.
- I. Open Bar Grating and Chequer Plate Flooring:
1. Open Bar Grating: Non-slip rectangular mesh to BS. 4592. Fixing to frames is by purpose made cleats.
 2. Chequer Plate Flooring - Non-slip type, not less than 10 mm thick excluding the raised pattern. Fixing to frames is to be by way of countersunk stainless set screws.
 3. Gratings and Plate Flooring: designed to carry a loading of 750kg per sq. meter with deflection limited to 0.2% of the span and sized to be suitable for lifting by one man with cut outs to permit removal without disturbing any of the installed electrical or mechanical plant. Sized to provide clear access to the openings and trenches.
 4. Toe plates are to be provided around all cut outs.
 5. Set Grating and Flooring flush and supported using frames and traverse bars fixed to the walls. Fixed built in pockets will not be acceptable.
- J. Bumper Posts and Guard Rails: As detailed; prime paint galvanised finish.
- K. Bollards: Steel pipe, concrete filled, crowned cap, as detailed; prime paint galvanised finish.
- L. Joist Hangers: Joist strap anchors, fabricated with minimum 8 mm gage mm steel; galvanised prime paint finish.