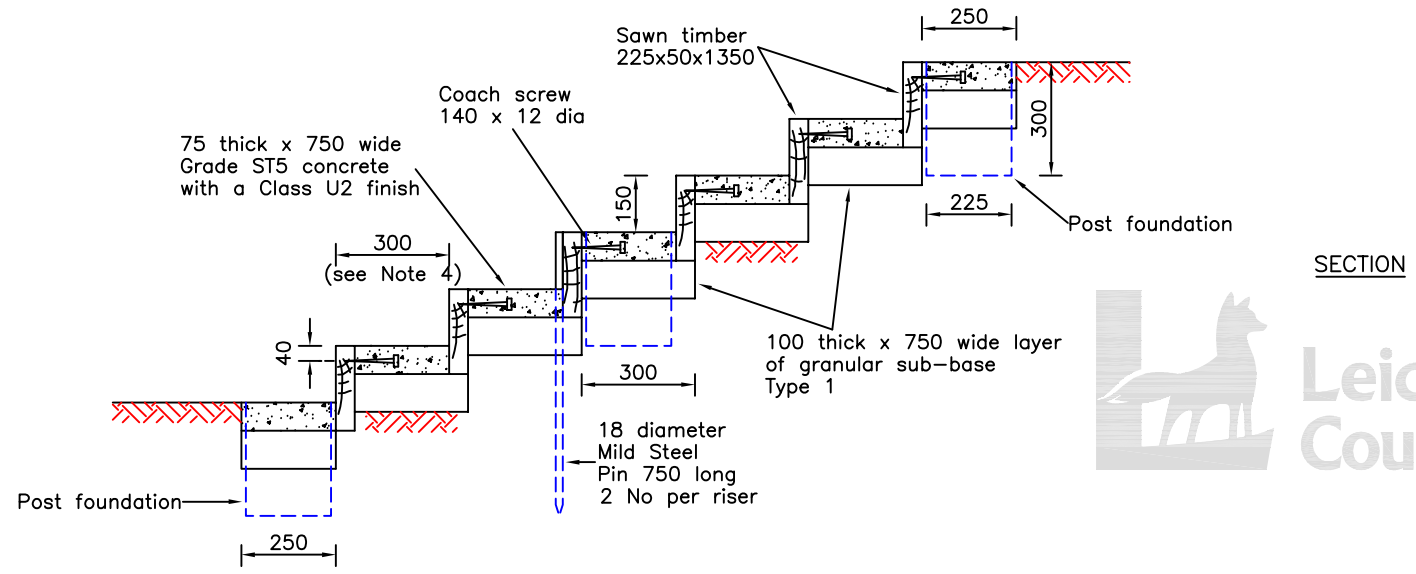


PLAN



SECTION

- NOTES:
1. All dimensions are in millimetres unless otherwise stated.
 2. Timber for steps shall be one of the species referred to in BS 5589 Section 6 : 1989 for performance Category 'A' and preserved with coal tar creosote complying with BS 144 : Part 1.
 3. Mild steel pins are to be galvanised in accordance with BS 729 : Part 1 at 0.628kg zinc per sq metre.
 4. The tread width of 300mm may be altered as necessary, to suit alternative side slopes. The section shows the steps on a slope of 1:2 (vertical : horizontal).
 5. Where the total height of the steps exceeds 450mm (ie 3 steps) then a steel galvanised handrail should be constructed using 'Kee-Klamps' tubes and fittings or similar approved system with construction and materials as follows:-
 - a) Maximum post spacings 900mm.
 - b) Rail height 900mm, inclined to suit gradient.
 - c) Post and rails to be galvanised steel tubing, 42mm diameter to BS 1387 and coated to BS 729.
 - d) Junctions between rails and posts to be malleable iron casting to BS 6681 and capable of achieving a rigid joint by means of a recessed zinc plated set screw at each tube/fitting interface.
 - e) The upright posts to be connected to the foundation by means of a ground socket cast into the concrete foundation with a set screw fixing. Concrete to be grade C10.

DRAWING NUMBER	DATE			
SD/11/28	SEPTEMBER 1999			
AUTOCAD REF	SCALE			
K:\GENERAL\ID9997\STDDRG\SD1128	NOT TO SCALE	Rev	Date	Notes on Revision