

# LEVITATE

SANDSFOOT CASTLE, WEYMOUTH

## DETAIL THROUGH WALKWAY, 1:10

- 1 oiled oak handrail bolted to steel plate
- 2 8mm plate welded to form handrail
- 3 16mm rods forming balustrade, staggered in plan, welded to walkway front edge beam and to handrail plate
- 4 oak boards bolted to angle below, packers beneath as necessary
- 5 8mm steel sloping plate welded to 8mm upright plate
- 6 edge profile bolted to horizontal beam
- 7 balusters welded to sloping plate
- 8 8mm plate vertical fins welded at 470mm centres to allow for fluorescent lighting
- 9 Encapsulite MT-IK10 IP68 T5 fluorescent light with satin cover providing low level lighting
- 10 continuous angle welded to rear of front edge beam, note angle is set to slight fall in order to shed water
- 11 flitch connection between leg and horizontal beam
- 12 spot lights fixed to tab
- 13 leg formed from 3 no. 12mm thick plate welded continuously
- 14 8mm thick plate welded to rear of legs to stiffen
- 15 diagonal brace formed from 3 no. 12mm thick plates welded continuously, connected to front leg with flitch connection
- 16 base plate connects to bottom of leg with flitch connection
- 17 base plate fixes to concrete padstone or strip footing
- 18 gravel to cover existing ground
- 19 8mm plate forming back beam and kicker, with angle welded to side to receive timber boards
- 20 diagonal brace flitched into horizontal beam
- 21 horizontal beam beyond formed from 3 no. 12mm
- 22 interpretation board mounted on baluster
- 23 pair of balusters bend out of plane to support interpretation board
- 24 balusters beyond continue straight

