

Generic Lift Shaft Opening Edge Protection

Legend

• Tube

• Saddle Coupler Tie

PEDESTRIAN PROTECTION

PROTECTION TO THE PUBLIC MUST BE MAINTAINED IN ACCORDANCE WITH SG34:17 & TG20:21

CLASS B COUPLERS

ALL CONNECTIONS TO BE MADE WITH CLASS B COUPLERS
CLASS B COUPLER: SWL = 9.1kN

DIMENSIONS

NO SURVEY DRAWINGS SUPPLIED THEREFORE ALL BUILDING DIMENSIONS ARE APPROXIMATE. ALL DIMENSIONS TO BE CHECKED PRIOR TO ERECTION

RISK

Principal contractor to confirm structure is capable of supporting imposed loads

RISK

Scaffold operatives must have a safe system of work in place when working on leading edges to ensure they are clipped on at all times

CDM REGULATIONS 2015

The Construction (design & management) Regulations 2015, Require that we make customers aware of their duties imposed by the regulations. Guidance on your duties are published by the HSE in the form of an approved code of practice.

SHEAR TIE REQUIREMENTS

Saddle Coupler shear tie arrangements MUST be fixed to the concrete wall, inline with the details below

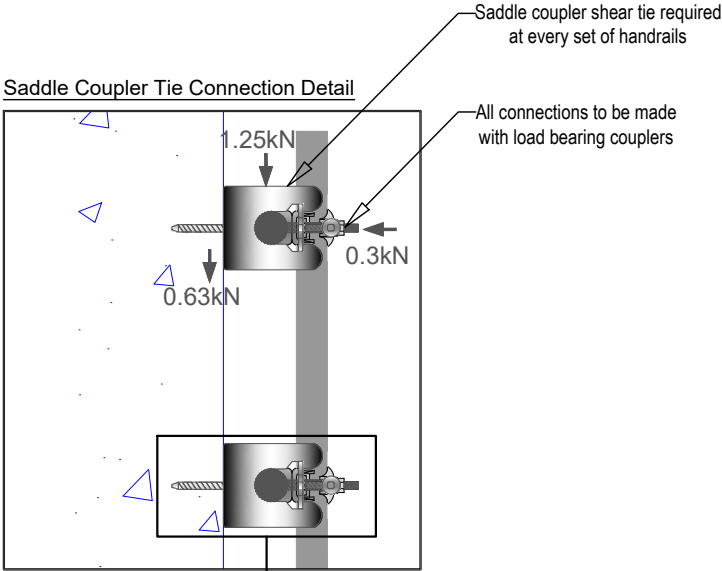
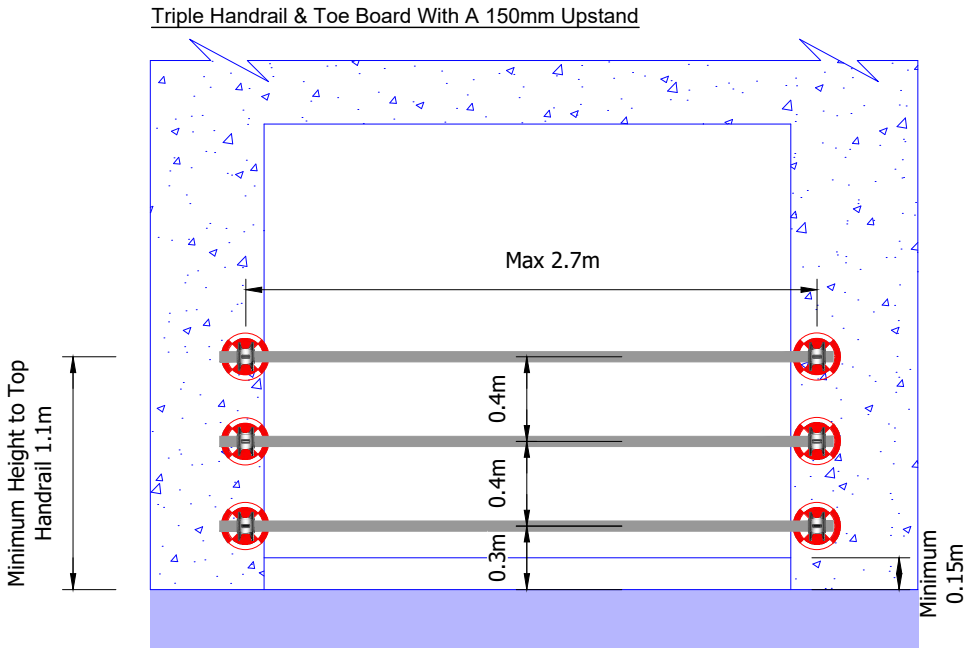
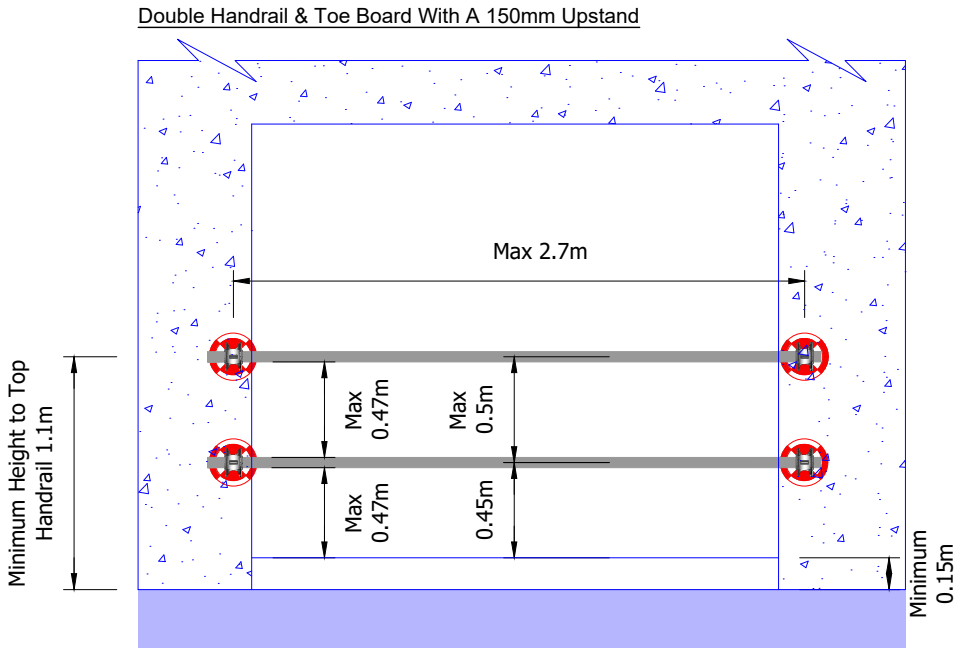
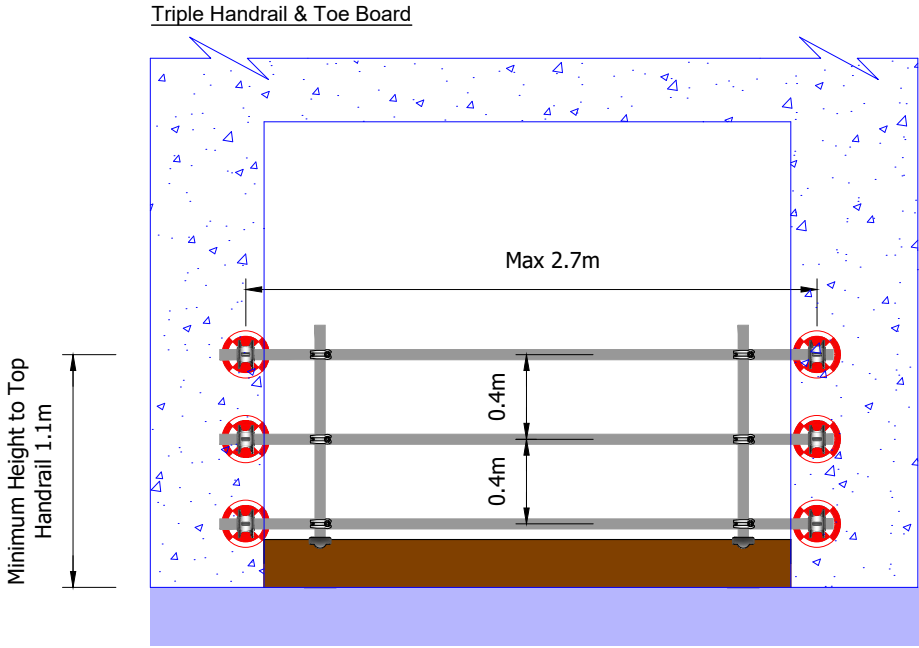
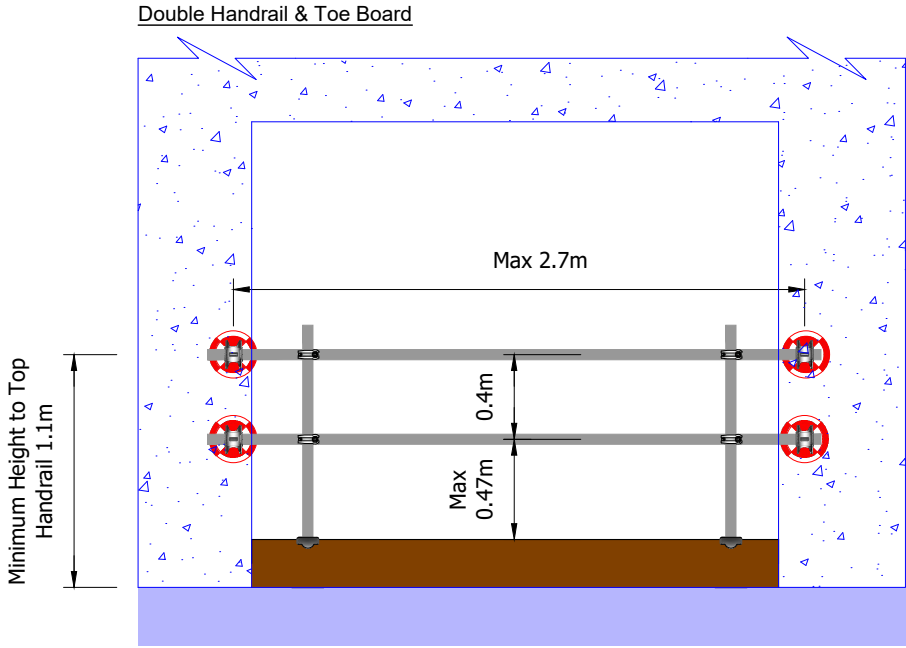
- Bolt Type: ADI, CSB Self Tapping Concrete Bolt
- Bolt Size: 130mm (length) with 12mm Ø Diameter
- Minimum Hole Depth: 115mm
- Minimum Embedment Depth: 90mm
- SWL (shear): 15kN per bolt - (tension): 13kN
- Spacing Distance: Minimum 400mm

SG4:22

The scaffolders MUST erect the scaffolding in accordance with the guidance notes set out in SG4:22

RISK

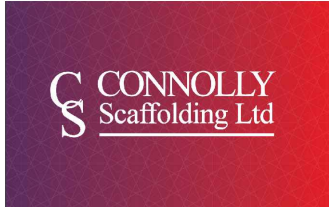
NO BANNERS, SHEETING OR NETTING TO BE FIXED TO THE SCAFFOLD



Fundamental Notes

1. Max bay length 2.7m
2. Max handrail spacing 0.5m c/c
3. All connections except board bearers to be made using load bearing fittings
4. Exact standard locations may vary on site, however max bay lengths/widths etc must not be exceeded
5. Max tie grid - As Shown

Client:



MAXIMUM LOADINGS
Edge Protection - 0.3kN (Horizontally)
- 1.25kN (Vertically)

THESE LOADING MUST NOT BE EXCEEDED
All Loadings Unfactored
No alterations which may effect the scaffolds structural stability to be made without prior written notice from BDS Ltd



Approval
Only

Project: Various Throughout England & Wales
Drawing Title: Edge Protection to Shaft Opening

Drawn by: Alex Murphy	Calculations by: J Hollingworth	Draft: N/A
Signed:	Signed:	Approval: 05/10/2023
Checked by: Mike Brown		Construction: TBC
Signed:		Date: 05/10/2023

Drawing No.
BDS-10476-01

A	N/A	Revision N/A
B	N/A	N/A
C	N/A	N/A
D	N/A	N/A
E	N/A	N/A

Notes:

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The customer should check that we have correctly interpreted his/her requirements, and that all loadings, details, erection & dismantling sequences etc, are correct and practicable.

The Main Contractor is to ensure the ground, structure and/or base provided for our scaffold, is adequate to support the imposed loads applied, including the provision for any necessary spreaders.

The design and erection of scaffolds are to conform with the following British Standards and Codes of Practice:

- BS1139 Metal Scaffolding
- BS2482 Specification for Timber Boards
- BS EN 12811-1 Codes of Practice for Access and Working Scaffolds and Special Scaffold Structures in Steel
- BS EN 12812-1:2008 Falsework: Performance requirements & general design
- TG20:21 Guide to Good Practice for Scaffolding with Tube and Fittings
- BS EN 1991-1-1:2002 Eurocode: Actions on Structures - Densities, Self-weight and Imposed Loads
- BS EN 1991-1-4:2005 Eurocode: Actions on Structures - Wind
- BS EN 13374:2013 Temporary edge protection systems - Product specification, test methods.



Please print all drawings in colour A3 min
Drawing not to scale
dimensions as per drawing