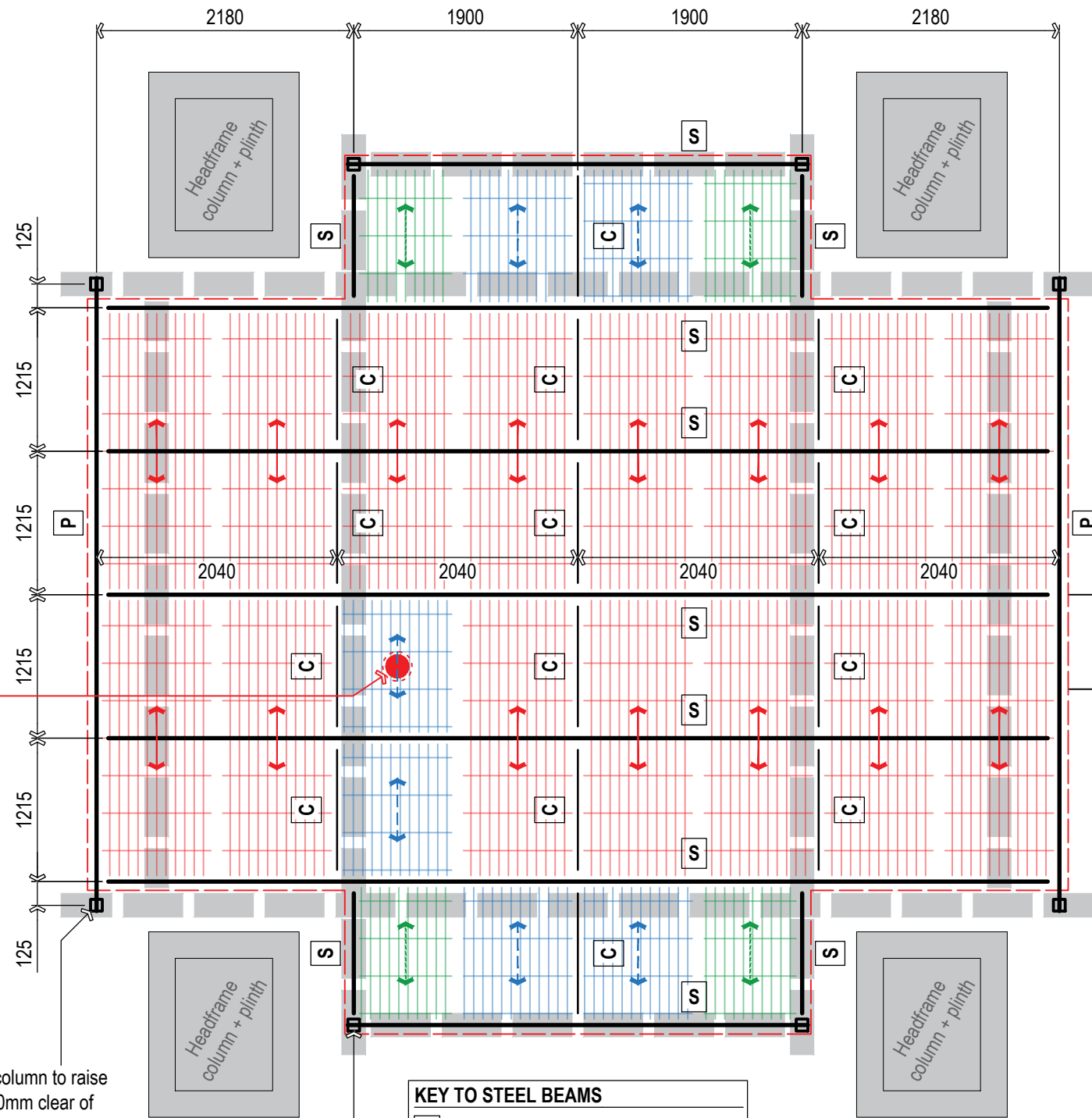
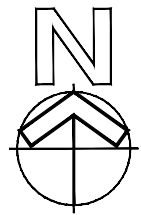


File name Y:\62253\XXX\62253022 - CEFN COED COLLIERY - HEADGEAR\03 WIP\ST BUILDING STRUCTURES\02 CAD BIM MODELS\62253022_S_1000 SERIES SHAFT CAPPING.DWG, printed on 11 July 2019 13:33:59, by Swan, Andrew



Access required to apertures in existing capping here. Place 1.2x1.0m panel over this area.

100x100x8 SHS stub column to raise new deck structure 200mm clear of existing (for future maintenance), bolted to top flange of existing capping beam. Extg. capping beam drilled on site.

KEY TO STEEL BEAMS

- P** 254x146 UB 31 S275 primary beam
- S** 254x146 UB 31 S275 secondary beam
- C** 100x100x8 RSA S275 cross beam

All bolts to be Gr 8.8: 4 no. for stub column connection to extg. beams; min. 3 no. between primary and secondary beam connections. 2 no. for cross beams and stair stringers.

General Arrangement Plan

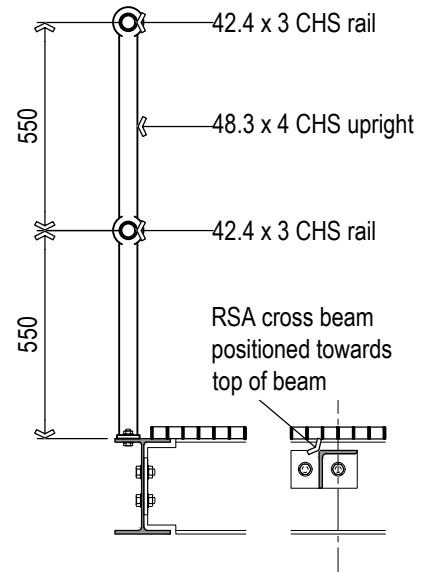
Of new deck framing | scale 1:50

Existing capping beams and plate to be renovated by clearing off debris, loose rust, etc. and application of 2 coats of Johnstone's Smooth Metal Paint (primer and top coat 'straight to metal' paint), BS4800 colour ref. 00A09 or similar standard mid-gray colour.

ALL DIMENSIONS AND SETTING OUT TO BE VERIFIED PRIOR TO FABRICATION.

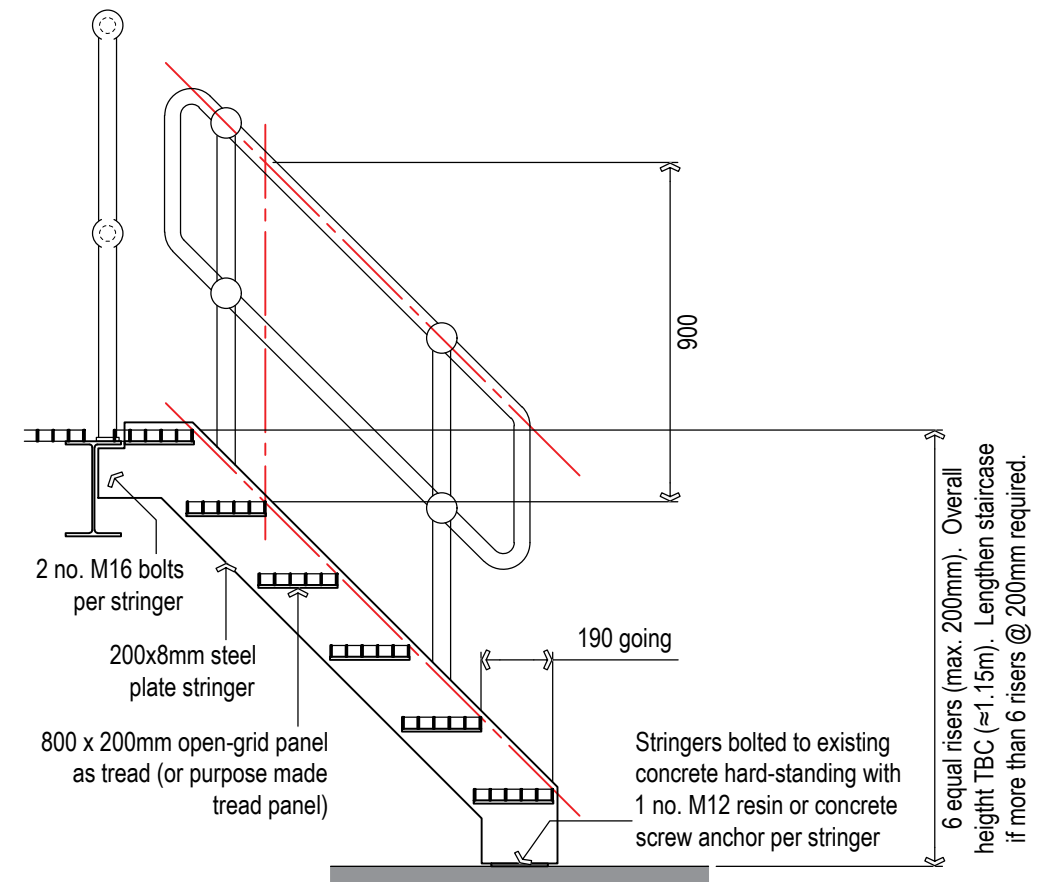
- Existing capping beams
- 2.4x1.00m panels
- 1.2x1.00m panels
- 1.2x0.84m (TBC) panels
- 30x3mm 41/100 open grid flooring, cut from standard 6.0x1.0m sheets. To be galvanised following fabrication. Panels to be bolted to beam flanges with proprietary clips.
- Edge protection, by Steelway or similar, comprised of:
 - 48.3 x 4mm CHS uprights (min.), 1100mm high at 1650mm maximum spacing, with 2 no. 80mm dia. 'ball shanks'.
 - 2 no. 42.4 x 3mm CHS horizontal rails, equally spaced, with radius corner bends.
 - 900mm high uprights required for stair flight.

DO NOT SCALE



Edge protection detail

scale 1:20



Stair flight detail

scale 1:20

DRAWING STATUS:

D1- FOR COSTING



1 Capital Quarter
Tyndall St
Cardiff
CF10 4BZ, UK

T+ 44 (0) 292 076 9200
wsp.com

CLIENT:

ARCHITECT:

PROJECT:

CEFN COED COLLIERY MUSEUM
HEADGEAR RENOVATION

TITLE:

HEADFRAME 2
NEW MAINTENANCE ACCESS OVER-DECK
GEN. ARRANGEMENT PLAN AND DETAILS

SCALE @ A3:

1:20 1:50

CHECKED:

DESIGNED:

A SWAN

DRAWN:

A SWAN

APPROVED:

DATE:

10/07/2019

DRAWING No:

62253022-S-1021

REV:

P1

© WSP UK Ltd