Ramped link to Back Station Road

Platform and associated step positioned to allow flood escape onto dry land in line with FRA

47.04 46.95 46.83 46.70 46.58 46.44 46.31 46.18 46.05 45.92 45.80 45.67 45.53 45.40 45.26 45.16 45.11 45.05

45.88 45.22 0.66 46.00

45.88 45.20 0.68 46.00

45.88 45.22 0.66 46.00

45.70 45.30 0.40 45.82

45.55 45.31 0.24 45.67

45.51 45.25 0.26 45.63

45.59 45.33 0.26 45.71

45.55 45.28 0.27 45.67

45.43 45.18 0.25 45.95

45.36 45.20 0.16 45.48

45.29 44.77 0.46 45.88

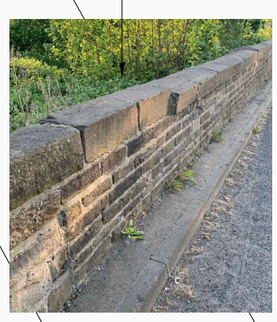
45.29 44.77 0.46 46.78

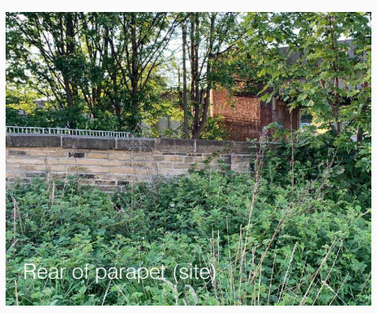
45.31 44.77 0.54 45.43

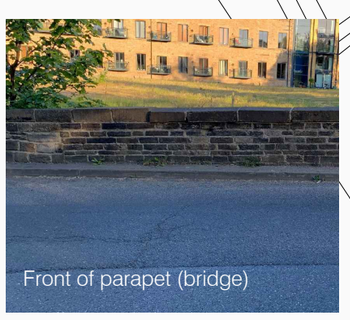
45.29 44.49 0.46 46.33

1200mm wide tanalized timber walkway nominally 600mm above existing ground level - see also Drainage engineer information - comprising 25mm decking boards on C16 tanalized timber joists spanning between 200mm dia driven tanalized timber posts at nominally 3m centres.
Walkway to have timber handrail at 1100mm above deck level above 4mm post tensioned wire rope balustrade installed in line with manufacturers details.
Walkway to incorporate steps at regular intervals, link to proposed residential block escape stair and up and over ramp to riverside walkway as shown.

Platform to rear of bridge parapet to be provided with step to allow evacuees to sit on wall upstand and swing legs over to effect escape.
Step inset from edge of platform to remove need for raised balustrading in line with AD_K.







Site plan 1: 200

Step on platform to allow evacuees to sit on parapet and swing legs over wall to effect escape

45.670
45.800
45.920
45.220
46.000

Landing area adjacent to Bridge formed with timber structure to create waiting area to allow safe egress onto highway

Landing area Plan 1: 50

Tanalized timber walkway formed on driven timber posts supporting decking boards with post tensioned wire rope balustrading installed as manufacturers recommendations

Walkway Elevation 1: 50

Step on platform to rear of parapet shown dashed to allow evacuees to escape onto bridge

Bridge Elevation 1: 50

Timber walkway elevated above predicted flood level as Drainage Engineer design with clear void below. Stepped links to adjacent riverside walkway to be provided in line with Landscape Architect details

Cross Section 1: 20

Tiered timber ramp reconciling residential ground floor level and walkway as specialist detail.

Drawings based on Ordnance Survey (Streetwise License No 100047474) and preliminary survey – design and drawing content subject to further Site Surveys, Structural Survey, Site Investigations, Planning and Statutory Requirements and Approvals.

Walkway levels:

45.36	Flood level
45.20	Existing ground level
0.16	Difference between flood level and existing ground level
45.48	Walkway level (nominally 120mm above flood level)

For further details refer to drainage engineer information

A_Flood levels added	May 25
B_Ramp added	June 25
C_Opening removed, step added	Sept 25
D_Walkway levels added	Nov 25
E_Ramps added	Dec 25

0 2 4 6 8 10m

Scale 1:200

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Project	Proposed residential scheme at Ledgard Bridge, Mirfield
Client	Binks Executive Homes Ltd, Cawthorne, Barnsley S75 4EJ
Dwg Title	(17001)15_Walkway E
Scale	1:200, 50, 20 @ A2
Date	May 25