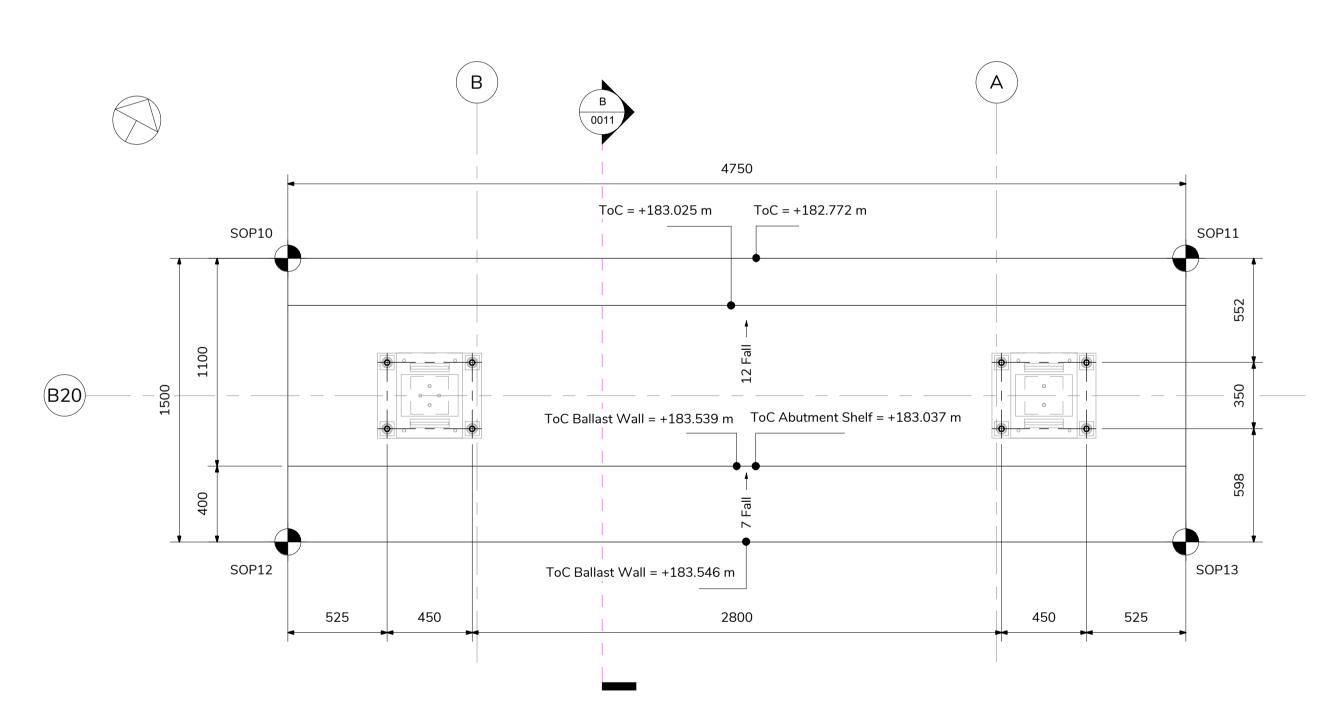


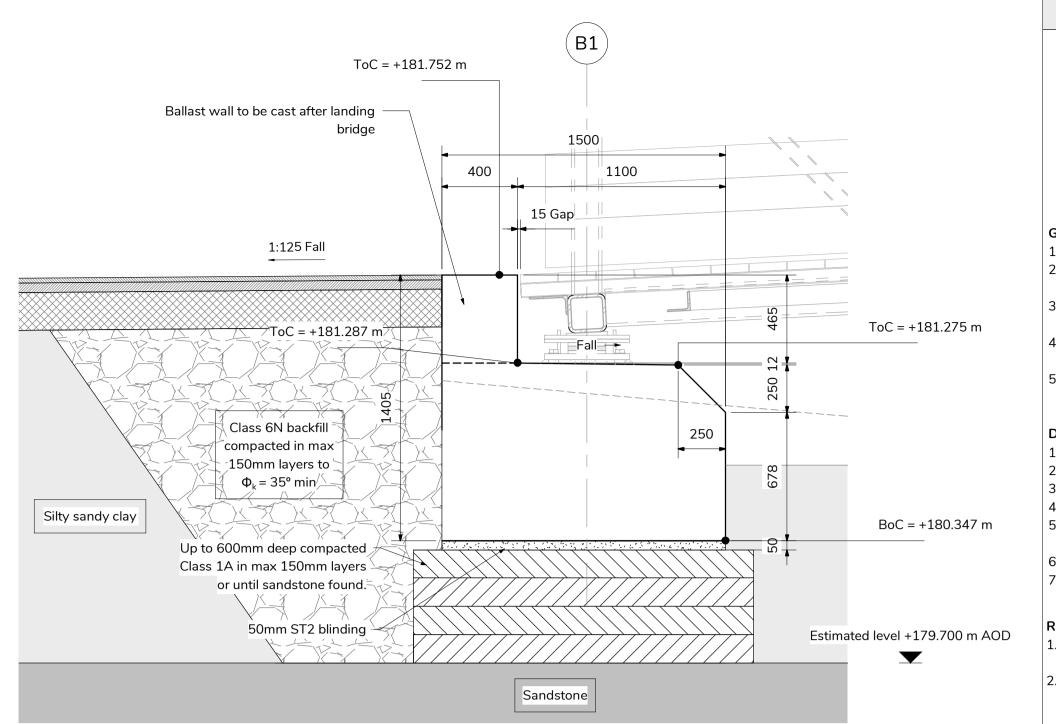
# 1 Proposed North Bankseat Plan

1:20



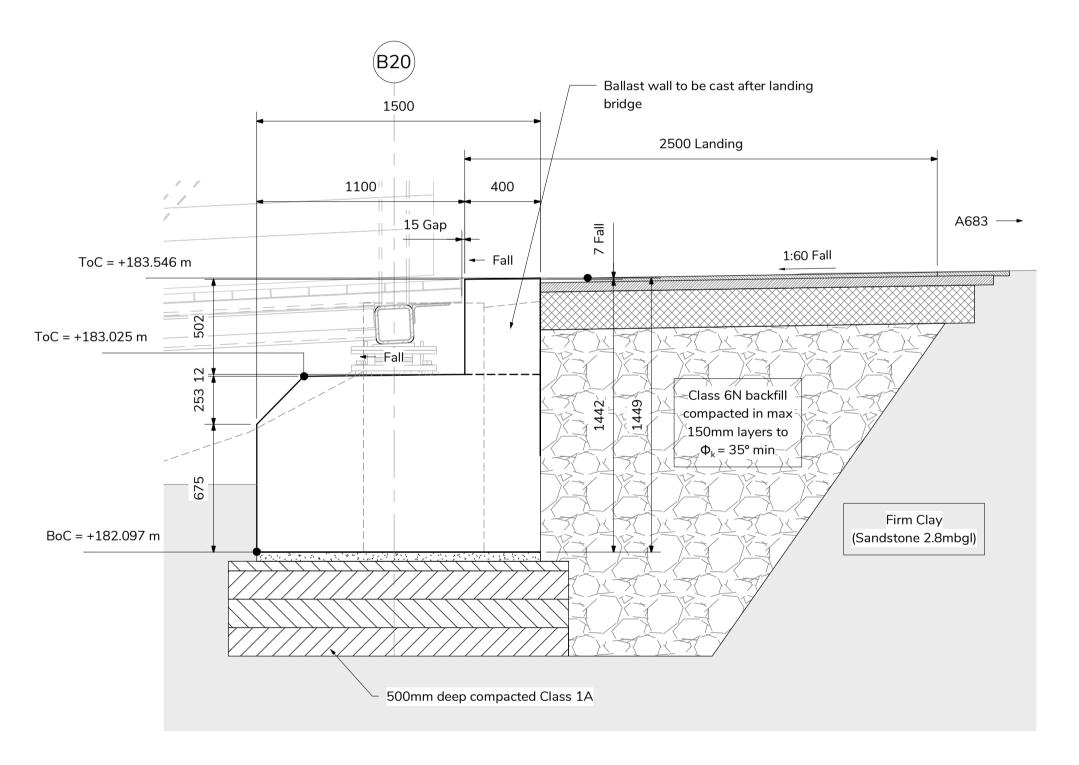
# 2 Proposed South Bankseat Plan

1:20



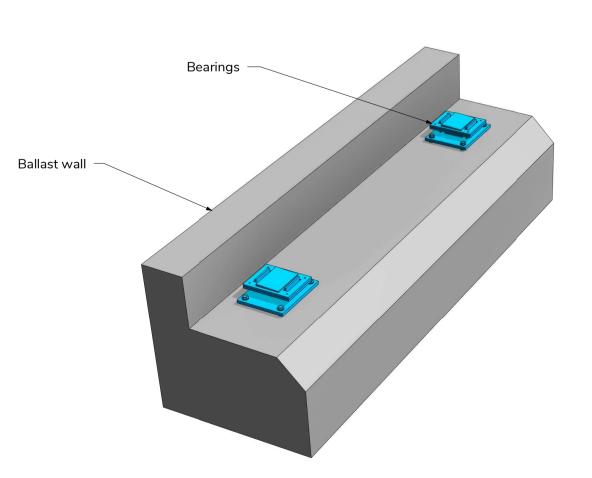
## Detail A

1:20



## Detail B

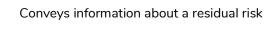
1:20



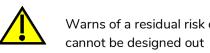
Typical Bank Seat

### CDM Key

Indicates a residual risk requiring a compulsory action



Indicates a residual risk requiring a specific action to be



Warns of a residual risk or information that is unusual and

- All dimensions in millimetres. All levels in meters. This drawing to be read in conjunction with other scheme
- drawings if applicable. This is a CAD produced drawing and should not be amended by
- Do not scale from this drawing, work to stated dimension only. If in
- Structure designed in accordance with BS EN 1993-2 Bridge

- Geometry: (Basis of design as per BS EN 1990)
- Bridge length = 35.72m
- Clear width = 2.500m minimum (Between parapets)
- Overall bridge weight = 24t (Steel = 21t) Loading: (Loading as per BS EN 1991, resistance as per BS EN
- Live load (UDL): 5.0kN/m<sup>2</sup> (For smaller loaded lengths)
- Live load (UDL): 4.7kN/m<sup>2</sup> (For full span loaded lengths)

- Concrete to be in accordance with SHW 1700 Structural Concrete.
- Concrete to be:
  - Exposure Class: XD3
  - Min compressive strength = C28/35.
  - Max w/c ratio = 0.45
  - Minimum cement or combination content = 360kg/m3
- Design Chemical Class: DC-1
- Min. concrete cover =  $50 + \Delta c = 65$ mm
- Cement/comb type: IIIB, IVB-P, IVB-Q, IVB-V
- Chamfers to be 25x25 unless stated otherwise.
- The bridge superstructure shall not be installed until the concrete
- has cured for 3 days.
- The bridge shall not be trafficked until the concrete has cured for 28 days.

Rev	Description	Chkd	Ву	Date
P01	Tender	AK	ARH	31.03.23
C01	Issued for Construction	ED	BKD	02.06.23

Beaver Bridges Ltd The Warehouse, Cartmel Drive, Harlescott,



Yorkshire Dales NPA

### Project Name

Cross Keys Footbridge

# Drawing Title

General Arrangement North and South Bankseat Details

Start Date	Drawn	Designed	Che	cked	Scale
	Author	Designer	Che	cker	1:20
Drawing Status	age Size				
	A1				
Drawing No					
BB1543		C01			