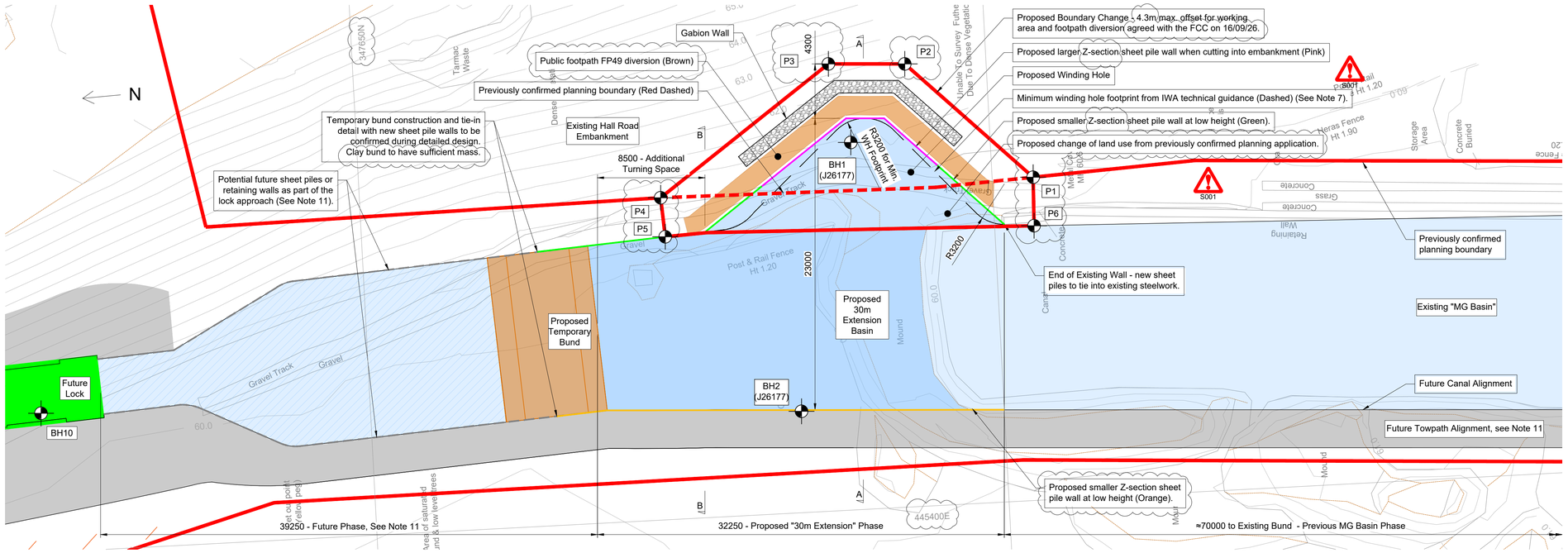
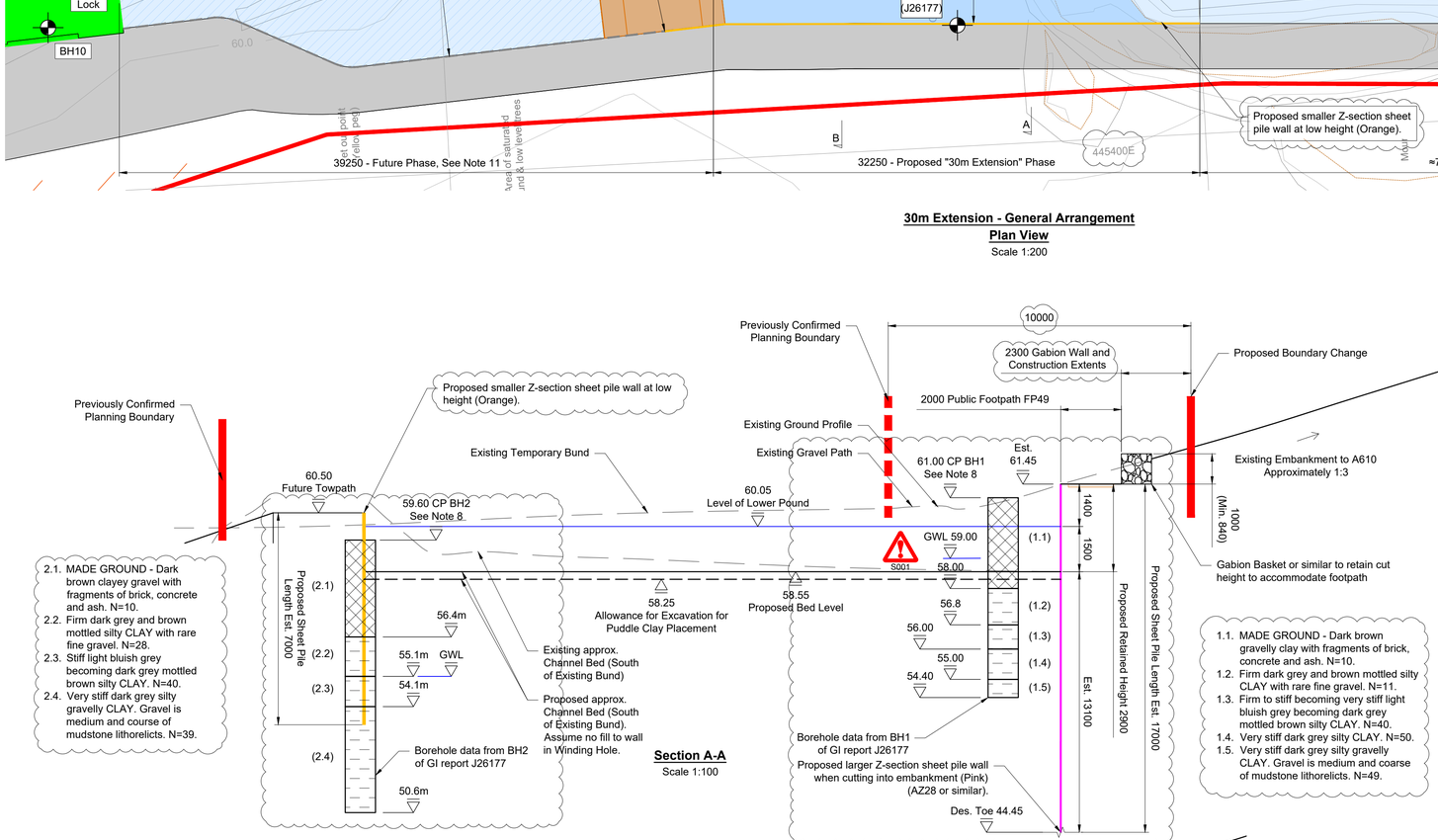


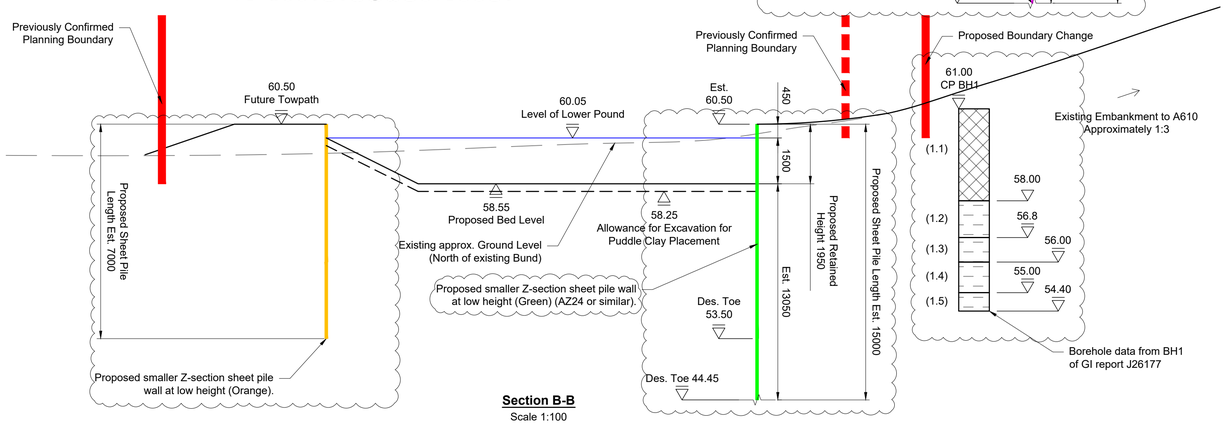
30m Extension - General Arrangement
Plan View
Scale 1:200



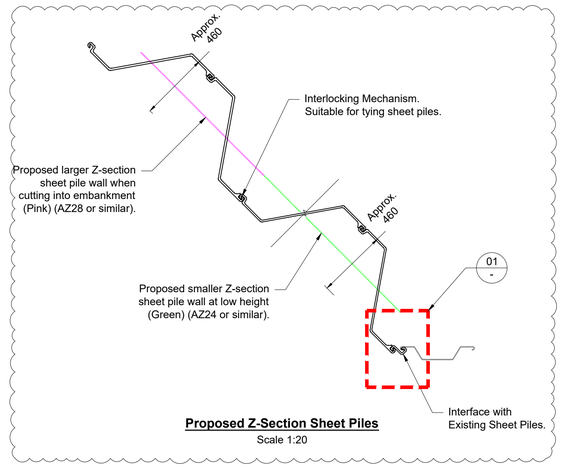
Site Plan
Scale 1:2500



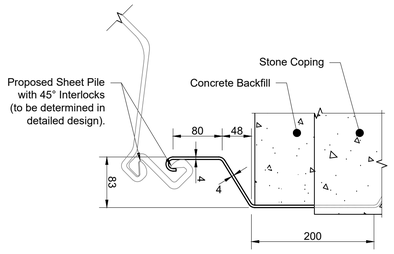
Section A-A
Scale 1:100



Section B-B
Scale 1:100



Proposed Z-Section Sheet Piles
Scale 1:20



Detail 01
Existing Ω-Piles
Scale 1:5

NOTES:
UNLESS OTHERWISE STATED

1. ALL DIMENSIONS ARE IN MILLIMETRES .
2. ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM .
3. DO NOT SCALE FROM THIS DRAWING.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER SCHEME DRAWINGS.
5. THIS DRAWING SHALL BE PRINTED IN COLOUR.
6. PROPOSED PERMANENT ALIGNMENT OBTAINED FROM PLANNING DRAWING FCC\STH\BLE\DWG 001-005.
7. DIMENSION OF WINDING HOLE BASED ON IWA TECHNICAL GUIDANCE DOCUMENT "WINDING HOLES - TOWARDS A SPECIFICATION FOR THE IDEAL TURNING PLACE" AND THE FOLLOWING ASSUMED DIMENSIONS:

   LENGTH = 21.95m/ 72'
   BEAM = 3.2m/ 10' 6"
   DRAUGHT = 0.91m/ 3'
   HEADROOM = 2.03m/ 6' 8"

8. BOREHOLE DATA OBTAINED FROM GROUND INVESTIGATION REPORT "J26177 REV.0" DATED AUGUST 2026. WHERE BOREHOLE GROUND LEVELS WERE NOT PROVIDED, THESE HAVE BEEN ESTIMATED USING THE BOREHOLE CO-ORDINATES AND TOPOGRAPHIC SURVEY FROM NOTE 6.
9. BASED ON NOTE 8, THE FOLLOWING SOIL CHARACTERISTICS HAVE BEEN ASSUMED TO INFORM SHEET PILE WORKING LIFE SECTION LOSS TO BS EN 1993-5 UK NA:
   - EMBANKMENT (ACTIVE FACE): NON-COMPACT AGGRESSIVE FILL, INCLUDING ASH AND SLAG.
   - CHANNEL (PASSIVE FACE): COMMON FRESHWATER (RIVER OR CANAL) IN ZONE OF HIGH ATTACK.
10. TARGET DESIGN LIFE OF 125 YEARS. THE POTENTIAL REQUIREMENT TO REDUCE THE DESIGN LIFE TO ACCOMMODATE SHEET PILES HAS BEEN COMMUNICATED WITH THE FCC.
11. WORKS NORTH OF THE NEW TEMPORARY BUND AND THE FUTURE TOWPATH ALIGNMENT ARE SHOWN FOR REFERENCE ONLY AND DO NOT CONSTITUTE PART OF THE CURRENT PLANNING APPLICATION.
12. THE FOLLOWING APPROXIMATE CO-ORDINATES FOR THE REVISED RED LINE BOUNDARY HAVE BEEN OBTAINED FROM INFORMATION STATED IN NOTE 6.

Table 1: New Red Line Boundary Points - See Note 12

Point	Easting (m)	Northing (m)
P1	445425	347597
P2	445435	347606
P3	445435	347612
P4	445425	347626
P5	445422	347626
P6	445422	347597

HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

Significant residual hazards/risks identified or those which could not be eliminated or reduced by TW designer:

Fabrication/Construction:

S001: Made ground (ground above 58.00mAOD) on the front (passive) face of the largest sheet pile wall (pink and green) to be locally excavated at a 1:1 depth to width. Excavation to be backfilled with concrete prior to placement of puddle clay to protect sheet piling.

NOTE !!! The above identified hazard/risks are in addition to those normally associated with the type of works defined on this drawing.

Rev	Revision details	Chkd	Appd	Date
A	Receipt of geotechnical investigation	DWR	DWR	06/10/26
-	For Issue	MA	DWR	19/06/26

Drawn:	LAS	For comment	✓
Design:	LAS	For tender	
Chkd:	MA	For construction	
Appd:	DWR	As constructed	
Date:	19/06/26	Other	
File ref:	P26-0012		

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Client
Friends of the Cromford Canal (FCC)

Project Name
Beggarlee Extension, Langley Mill 30m Extension Design

Drawing Title
General Arrangement and Sections

Original Drawing Size :	A1
Scale : See Plan	Dimensions : Millimetres

Drawing No
P26-0012-DWG-101

Rev
A