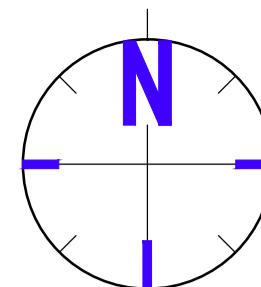


Proposals subject to site survey and investigation, detailed design, statutory requirements and local authority approvals.

Drawing originally based upon HD Surveying drawing 02178\_001\_T\_0 dated 14.02.23, and Promap data.

## Key

+	30.000	Existing Levels
+	30.000	Proposed Levels
VL	29.488	Water Level
		Coffer Dam
		Frame zone 3m (boats excluded)



1. Proposed sequence of operations (see Rothen Group RAMS for detailed sequence of operations).

- Dredging to facilitate access to bank works
- Break out existing concrete from behind wall & remove off site
- Dig slot trench
- Drive front face piles (not Cantilever)
- Drive anchor piles with back ties
- Take down existing wall to facilitate attaching waler/channel
- Attach waler/channel to front of pile
- Continue to remove existing wall to 1.2m before water level
- Install outfalls
- Install Capping tray
- Coper install
- Mooring rings

Please refer to Specialist Contractor (Rothen Group) Risk Assessments and Method Statements for detailed breakdown of construction methodology.

2. For Landscaping details - see dwgs. FNF-BOSK-90-F3-00-DR-3000 (3), FNF-BOSK-90-F-00-DR-6000(3), FNF-BOSK-90-F-00-DR-2000(3) and FNF-BOSK-90-F-00-DR-6001(4).

3. For Drainage details - see dwgs. FNF-C-E-HYD-DR-01-0201 (C7), FNF-C-F-HYD-DR-01-0201 (C14) and FNF-SITE-HYD-DR-01-0201 (C1).

4. For Surface Water Drainage outfall details - see dwgs. DOUBLE HINGE VALVE OPTION 1 and DOUBLE HINGE VALVE OPTION 2

5. For Capping Beam details - see dwg. CAPPING DETAIL OPTION 1

6. For Structural Engineer's details - see dwgs.  
FNF-NIR-ZZ-XX-DR-S-31000-C02  
FNF-NIR-ZZ-XX-DR-S-31002-C03

7. For Barge details and position. - see dwgs.  
FNF-BOSK-90-XX-ZZ-SK-0020-P01

M	WORK BOATS REMOVED.	BWS	03.08.2023
L	MINOR REVISION TO SUIT NIRAS DRAWING REFS.	BWS	02.08.2023
K	MINOR REVISION TO SUIT NIRAS DRAWINGS	BWS	31.07.2023
J	LEVELS REVISED TO SUIT NIRAS DRAWINGS. COFFER DAM TO OUTLET BY BARGE OMITTED.	BWS	27.07.2023
H	MINOR REVISION TO NOTES.	BWS	31.05.2023
G	MOORING RINGS AMENDED. COFFER DAMS AND FRAME ZONE SHOWN. WALL LAYOUT AMENDED TO SUIT NIRAS DRAWINGS NOTES AMENDED.	BWS	31.05.2023
F	WALL TIE IN ENDS AND NOTES AMENDED, ADDITIONAL INFORMATION ADDED FOR BARGE AND SERVICE BOLLARDS.	BWS	14.04.2023
E	WALL POSITION AND NOTES AMENDED, SEQUENCE NOTES AND DRAWING REFERENCE INFORMATION ADDED.	BWS	31.03.2023
D	MINOR REVISION TO NOTES.	EE	22.03.2023
C	MINOR REVISION	EE	20.03.2023
B	SCHEME AMENDED. DREDGING EXCLUSION ZONE SHOWN AND SWD OUTLETS ADDED. TIE IN DETAILS NOTED.	EE	16.03.2023
A	EQUIPMENT ADDED, SILT CURTAIN AND MOC SHOWN	EE	08.03.2023
Rev	Description	Edited	Date

<p><u>BLUETECH WATERFRONT SOLUTIONS LTD</u></p> <p>Georgian House, 63 - 73 Saltisford Warwick CV34 4TR</p> <p>Tel: 01926 353 555 Fax: 01926 353 559</p> <p>Email: <a href="mailto:enquiries@bluetechwaterfrontsolutions.co.uk">enquiries@bluetechwaterfrontsolutions.co.uk</a> Web: <a href="http://www.bluetechwaterfrontsolutions.co.uk">www.bluetechwaterfrontsolutions.co.uk</a></p>	 The logo for Bluetech Waterfront Solutions. It features the word "Bluetech" in a bold, blue, sans-serif font. To the left of "Bluetech" is a graphic element consisting of several blue, wavy, horizontal lines of varying lengths that curve around the text. To the right of "Bluetech" is a large, stylized, blue, curved shape that resembles a wave or a stylized letter "B". Below "Bluetech" is the text "Waterfront Solutions" in a smaller, blue, sans-serif font.
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CLIENT	-		
PROJECT	<b>WORKS TO EXISTING CANAL, FORMER NESTLE FACTORY, HAYES</b>		
DRAWING	<b>GENERAL ARRANGEMENT PLAN</b>		
SCALE	DRAWN 1:100 @A1	DATE 07.03.23	DRG. NO. <b>2308-SP01</b>
			REV <b>M</b>

02178\_001\_1\_0 dated 14.02.23, and Promap data.

**WL 29.488**

**Grand Union Canal**

**BL01**

**BL02**

**BL03**

**BL04**

**BL05**

**BL01**

**BL02**

**BL03**

**BL04**

**BL05**

**Railway bridge over**

Existing abutment wall to railway bridge shown indicatively.

Existing wall. Line shown indicatively.

Existing reinforced concrete wall, shown indicatively.

Existing concrete bagwork on brick wall. Line shown indicatively.

3m section of Existing wall to be retained, add concrete infill behind.

Outfall

Existing reinforced concrete wall with toe to be demolished by others.

Mooring Bollard

Mooring ring position TBA.

Proposed location of pumped foul connection in Quayside.

Electric service bollard, position TBA.

Mooring ring position TBA.

Foul Water Grey Water Pump Out

Hatch

Barge

Mooring Bollard

Water filler point

Mooring Bollard

Water filler point

Mooring ring position TBA.

Water service bollard, position TBA.

Outfall

Outfall

Existing reinforced concrete wall with toe to be demolished by others.

Site Hoardings

Mooring ring position TBA.

Outfall

Proposed new MX500 sheet pile wall, blue brick capping over and fender.

Hatch denotes area of dredging, depths vary see sections.

Proposed new Outfalls through new wall for Surface Water. Refer to drainage details.

9m MOC

Proposed new MX500 sheet pile wall, blue brick capping over and fender.

Hatch denotes area of dredging, depths vary see sections.

Proposed new Outfalls through existing wall for Surface Water. Refer to drainage details.

New MX500 sheet pile and existing sheet piling joined by single section of MX500 in concrete infill. Tie In detail - refer to NIRAS drawing FNF-NIR-ZZ-XX-DR-S-31000-C01.

**Water Level**

**Coffer Dam**

**Frame zone 3m (boats excluded)**