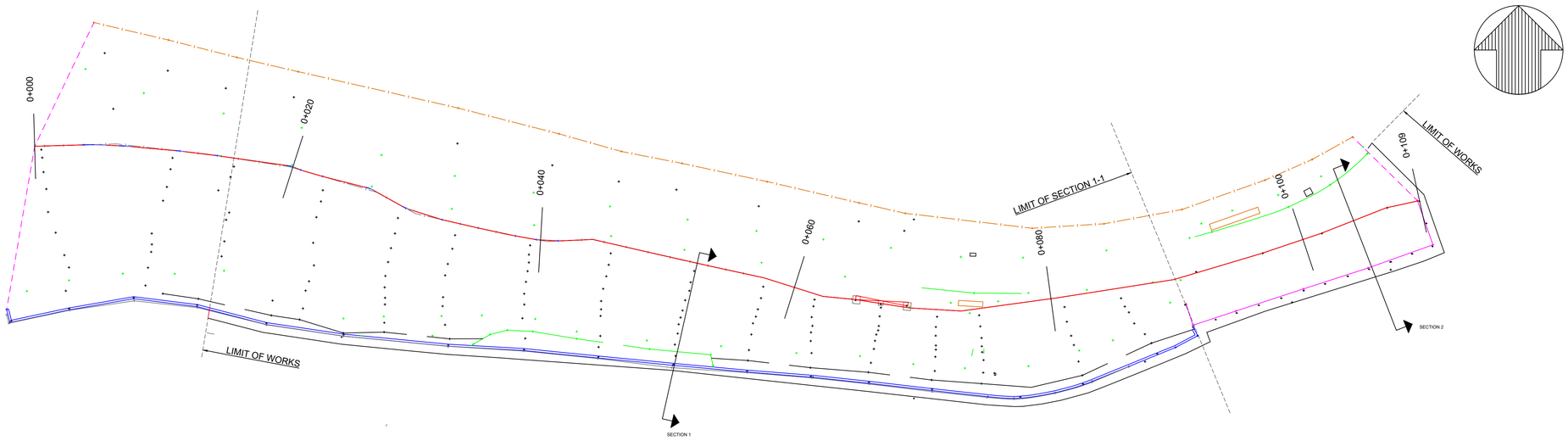
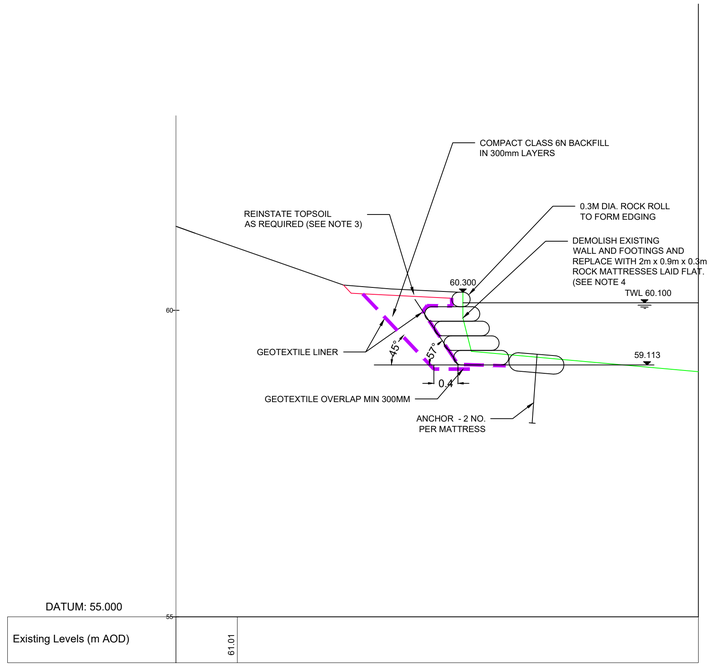


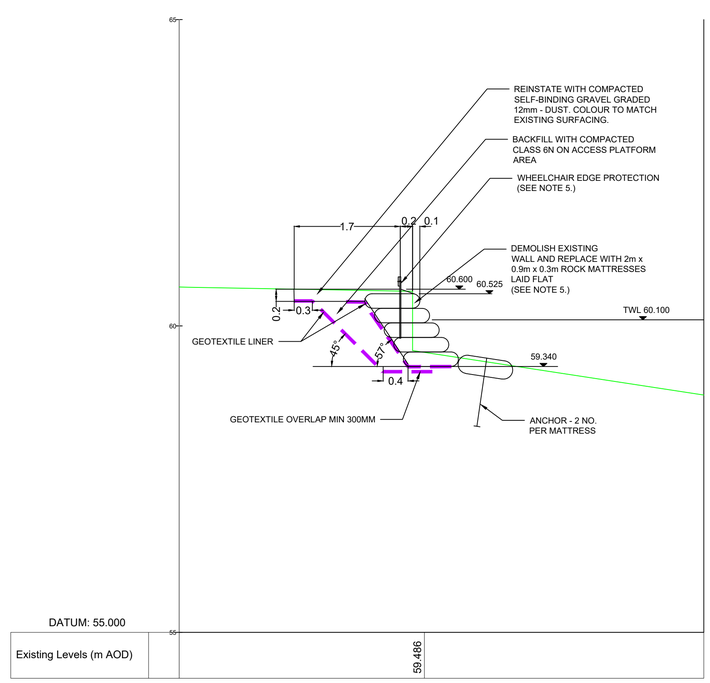
NORTH WEST BANKSIDE PLAN

SCALE 1:200

Meters
4 0 4 8
Scale 1:200



1 - 1
SCALE 1:50



2 -2
SCALE 1:50

Meters
1 0 1 2
Scale 1:50

NORTH WEST BANK SIDE CROSS SECTIONS

DO NOT SCALE

NOTES
1. ALL DIMENSIONS ARE IN METRES AND LEVELS ARE IN METRES RELATED TO ORDNANCE DATUM UNLESS STATED OTHERWISE.
2. DO NOT SCALE FROM THIS DRAWING USE ONLY FIGURED DIMENSIONS.
3. REINSTATE WITH MIN. 100mm TOPSOIL AND TURF
4. TO ACHIEVE THE REQUIRED TOP OF STRUCTURE LEVEL ALLOWANCE MUST BE MADE FOR COMPACTION AND SPREAD UNDER SELF WEIGHT OF ROCK MATTRESSES. 6 NO. MATTRESSES OF NOMINAL THICKNESS 300MM WILL BE REQUIRED TO ACHIEVE A FINISHED HEIGHT OF APPROXIMATELY 1.5M.
5. WHEELCHAIR EDGE PROTECTION TO COMPRISE 1M LONG 20MM DIA. STAINLESS STEEL ROUND BAR STAKED INTO ROCK MATTRESSES AT MAX. 2 CENTRES, WITH 150MM X 27MM THICK TREATED TIMBER BOARD FIXED TO BARS WITH STAINLESS STEEL "U" BOLTS. NUTS TO BE WELDED TO PREVENT UNAUTHORISED REMOVAL.
6. ROCK MATTRESS AND ROCK ROLL FILL TO COMPRISE WEATHER AND FROST RESISTANT GRANITE 40mm TO 75mm.
7. ROCK MATTRESS AND ROCK ROLL NETS TO COMPRISE 3mm SYNTHETIC POLYETHYLENE BRAIDED KNOTTED NETS WITH 32mm NET APERTURES, UV TREATED 350 KLY, SINGLE MESH TENSILE STRENGTH 1495 KN/MESH, COLOUR BLACK.
8. VERTICAL JOINTS IN ROCK MATTRESSES SHALL OVERLAP BY 1m.
9. ROCK ROLLS AND MATTRESSES SHALL BE STITCHED TOGETHER TO THE MATTRESS BELOW AND TO THE ADJACENT MATTRESS AND ROLL USING 3mm BLACK POLYPROPYLENE TWINE WITH MIN. BREAKING STRENGTH 156 KG, WITH A WHIP STITCH PATTERN AT MAX. 100mm CENTRES. FOR THE TOP ROLL THE STITCHING SHALL BE ON THE BANK SIDE.

HEALTH AND SAFETY RISKS:

1. DEEP WATER
2. LARGE MASONRY RETAINING WALL WITH UNKNOWN STABILITY AND UNKNOWN FOUNDATION DEPTH.
3. UNCHARTERED UTILITY SERVICES.
4. PUBLIC INTERFACE.
5. RAPIDLY RISING WATER LEVELS AFTER A STORM.
6. UNEVEN GROUND

REV	DATE	BY	DESCRIPTION	CHK	APP
P05	29/03/2023	--	LEVELS AMENDED AND NOTES ADDED	AWJ	MF
P04	23/03/2023	--	NOTES AMENDED	AWJ	MF
P03	16-03-2023	--	NOTES 7, 8, 9 ADDED AND MINOR AMENDMENTS	AWJ	MF
P02	10-03-2023		NUMBER OF MATTRESSES AND NOTE 5 AMENDED AND NOTE 6 ADDED	AWJ	SH
P01	08-03-2023	--	ROCK MATTRESS ALTERNATIVE	AWJ	SH

DRAWING STATUS:
S2 - FOR INFORMATION

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CLIENT:
BARNSLEY METROPOLITAN BOROUGH COUNCIL

SITE/PROJECT:
WORSHROUGH RESERVOIR
BANKSIDE REMEDIATION

TITLE:
NORTH WEST BANKSIDE
PLAN AND SECTION
ROCK MATTRESS ALTERNATIVE

SCALE @ A1:	CHECKED:	APPROVED:
As Shown	AWJ	SH

PROJECT NO:	DESIGNED:	DRAWN:	DATE:
70102685	AWJ	PA	March 23

DRAWING No: 70102685-WSP-00-XX-DR-CE-0017
REV: P05

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File name \\UK.WSPGROUP.COM\CENTRAL DATA\PROJECTS\70102XX\70102685 - BAR -\WORSBROUGH RESERVOIR BANKSIDE REMEDIATION\03 WIP\DRAFT CAD MODEL\DESIGN MODELS - LATEST\WORSBROUGH RESERVOIR SECTIONS - 2.DWG, printed on 29 March 2023 14:59:59, by: Jones, Tony