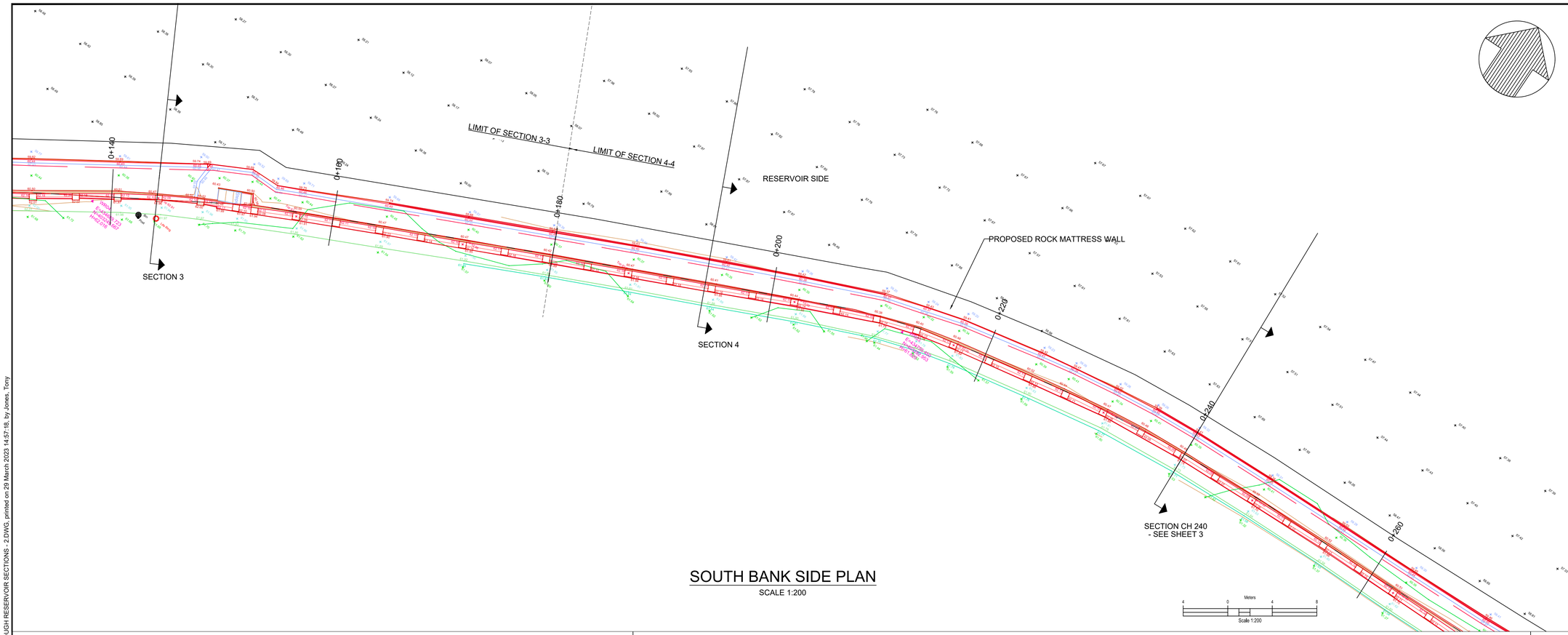
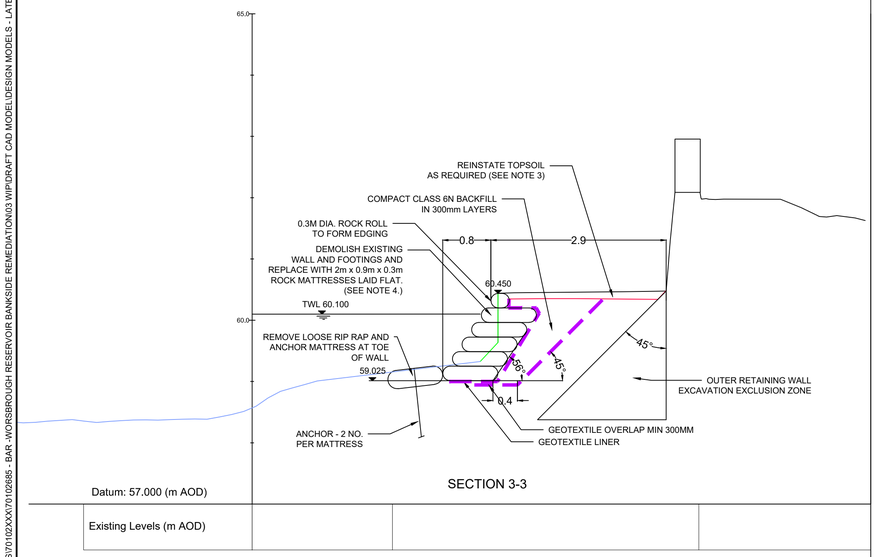
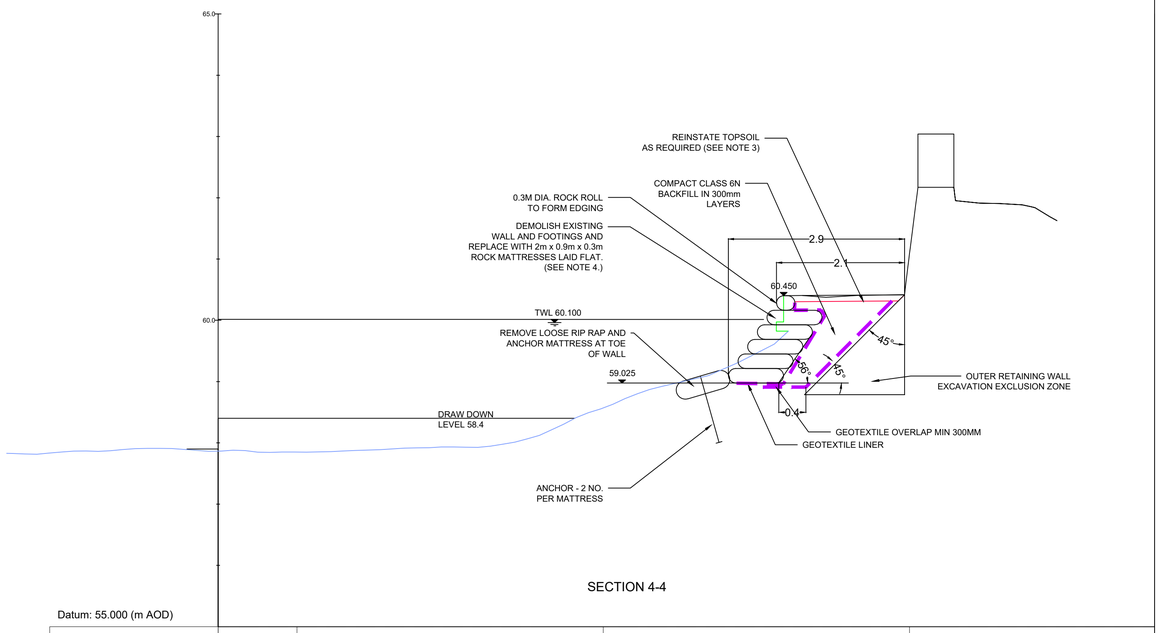


SOUTH BANK SIDE PLAN

SCALE 1:200



SECTION 3-3



SECTION 4-4

3 - 3
SCALE 1:50

4 - 4
SCALE 1:50

Meters
1 0 1 2
Scale 1:50

SOUTH 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. ROCK MATTRESS AND ROCK ROLL FILL TO COMPRISE WEATHER AND FROST RESISTANT GRANITE 40mm TO 75mm.
6. 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.
7. 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 6, 7, 8 ADDED AND MINOR AMENDMENTS	AWJ	MF
P02	10-03-2023	--	NUMBER OF MATTRESSES AND NOTE 5 AMENDED	AWJ	SH
P01	09-03-2023	--	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:
SOUTH BANKSIDE
PLAN AND SECTION
ROCK MATTRESS ALTERNATIVE
SHEET 2 OF 3

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-0013 REV: P05

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