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NOTES

1.0 GENERAL

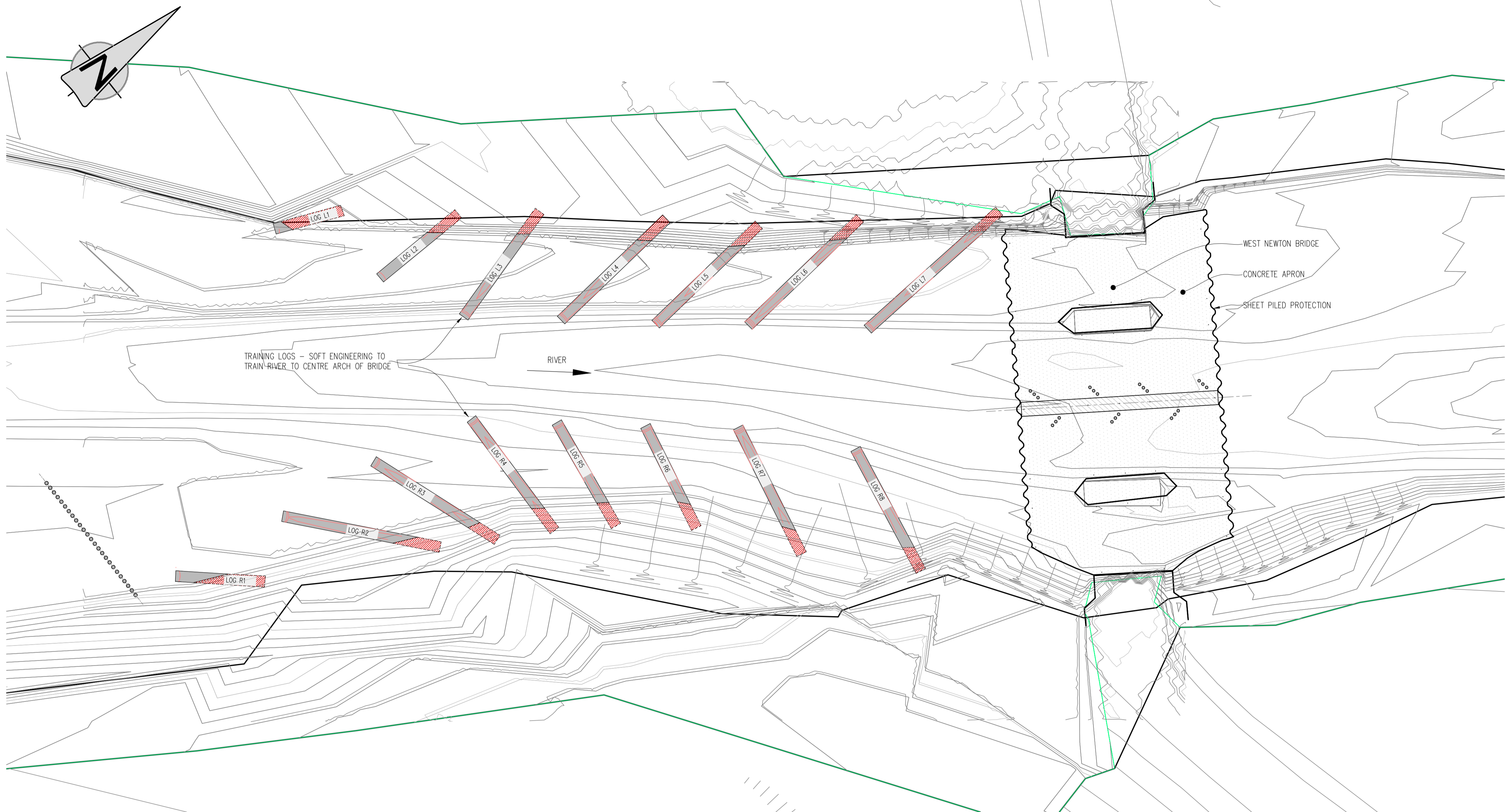
- 1.1 ALL DIMENSIONS IN mm UNLESS STATED OTHERWISE.
- 1.2 LEVELS ARE TO A LOCAL GRID REFERENCE.
- 1.3 THIS DRAWING TO BE READ IN CONJUNCTION WITH:
HB127276/.../23 (SITE REFERENCE PLAN.)
HB127276/.../25 AREA 1. (TRAINING LOGS SECTIONS)
HB127276/.../29 AREA 1. (APRON DETAILS).

3.0 PROPOSED WORKS

- 3.1 CONSTRUCT CONCRETE APRON WITH SHEET PILED OUT OFF WALLS.
- 3.2 INSTALL SOFT ENGINEERING, TRAINING LOGS UPSTREAM OF BRIDGE.

4.0 LOGS

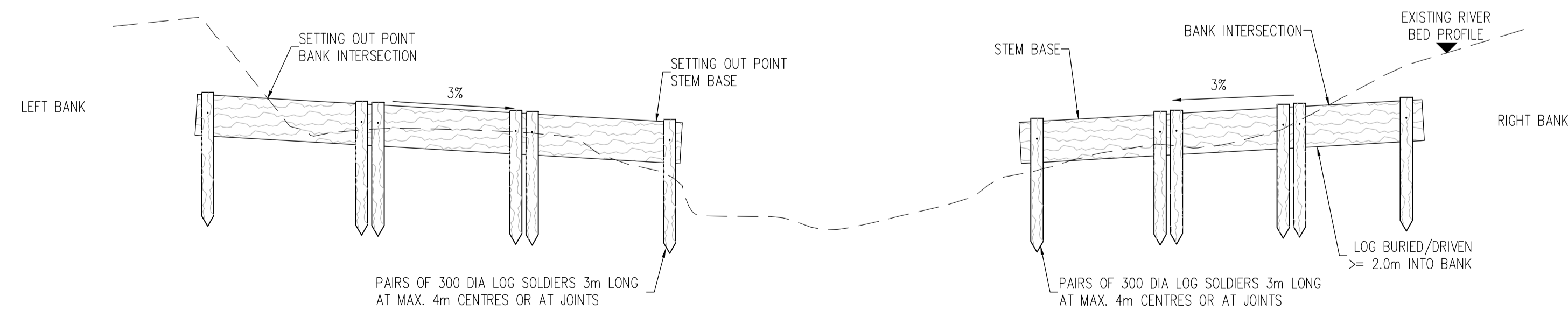
- 4.1 ALL TRAINING LOGS TO BE A MINIMUM 500mm DIAMETER.
- 4.2 LOG SOLDIERS TO BE A MINIMUM DIAMETER OF 300mm.
- 4.3 NO TREATMENT REQUIRED, LOGS CAN BE FRESH FELLED WITH BARK STILL ATTACHED. MINIMUM LOG LENGTH TO BE 4m.



TRAINING LOGS AND BRIDGE SCOUR PROTECTION PLAN

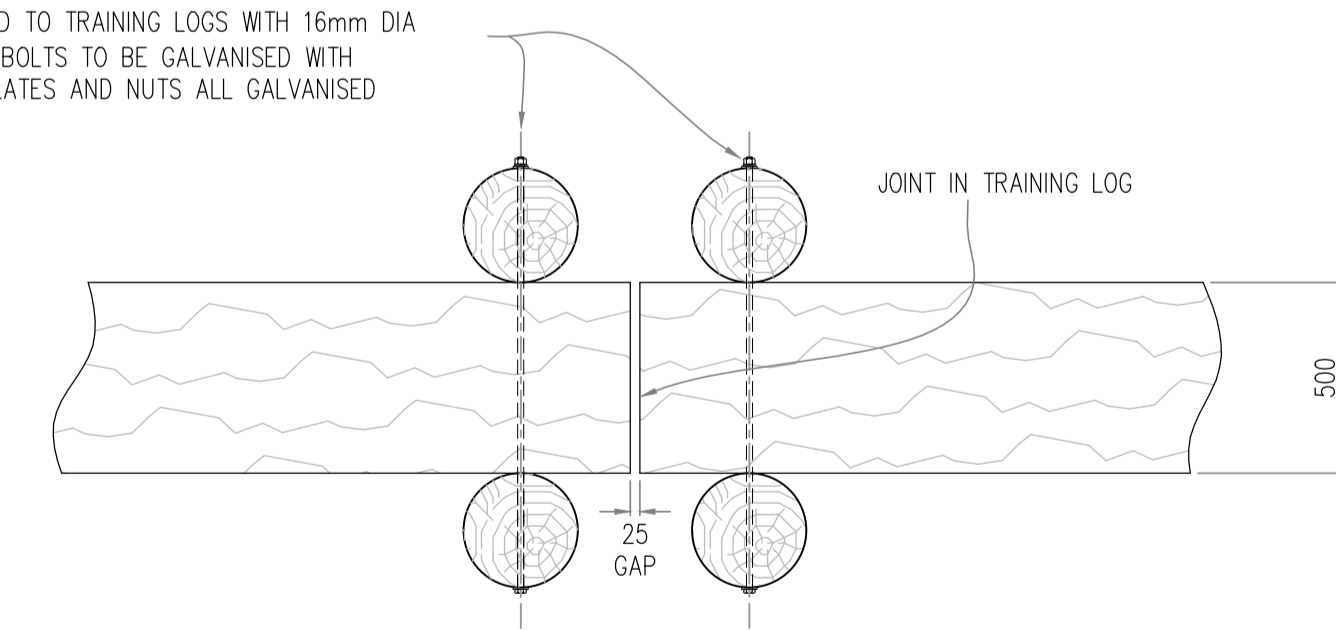
SCALE 1/200

SOLDIERS FIXED TO TRAINING LOGS WITH 16mm DIA THRU' BOLTS. BOLTS TO BE GALVANISED WITH 50 Sq. x 6 PLATES AND NUTS ALL GALVANISED



TYPICAL DETAIL SHOWING TRAINING LOGS INSTALLATION

SCALE: 1/100



TYPICAL PLAN VIEW ON TRAINING LOG BOLTING ARRANGEMENT

SCALE: 1/20

STEM BASE AND BANK INTERSECTION CO-ORDINATES AND ELEVATIONS

Log Id	Point Location	Eastng	Northng	Elevation	Log Id	Point Location	Eastng	Northng	Elevation
LOG11	STEM BASE	390726.34	630332.26	65.63	LOGR1	STEM BASE	390744.52	630323.55	65.63
	BANK	AS ABOVE	AS ABOVE	AS ABOVE		BANK	390746.18	630324.88	65.73
LOG12	STEM BASE	390735.25	630331.60	65.58	LOGR2	STEM BASE	390746.26	630322.67	65.63
	BANK	390735.17	630347.15	65.75		BANK	390753.82	630229.15	65.90
LOG13	STEM BASE	390742.25	630345.11	65.56	LOGR3	STEM BASE	390747.44	630331.33	65.58
	BANK	390739.85	630352.88	65.88		BANK	390756.29	630334.42	65.86
LOG14	STEM BASE	390747.43	630355.36	65.54	LOGR4	STEM BASE	390749.80	630339.88	65.56
	BANK	390746.57	630360.48	65.81		BANK	390758.65	630339.52	65.82
LOG15	STEM BASE	390752.54	630357.36	65.52	LOGR5	STEM BASE	390754.88	630345.14	65.54
	BANK	390751.81	630366.29	65.78		BANK	390762.67	630348.09	65.75
LOG16	STEM BASE	390757.57	630362.37	65.59	LOGR6	STEM BASE	390759.33	630350.77	65.52
	BANK	390756.63	630373.24	65.69		BANK	390765.70	630349.17	65.72
LOG17	STEM BASE	390764.65	630373.03	65.29	LOGR7	STEM BASE	390764.24	630354.78	65.29
	BANK	390763.34	630382.78	65.64		BANK	390773.07	630354.93	65.62
					LOGR8	STEM BASE	390771.81	630363.39	65.29
						BANK	390780.54	630361.88	65.54

FISH PASS AMENDED.	PF	7/10/14	Ⓢ
CHECKED : PAB	PASSED : STR		
LOG DETAILS ADDED.	PF	14/02/15	Ⓢ
CHECKED : PAB	PASSED : STR		
AMENDMENT TO TRAINING LOGS ELEVATION	PF	28/01/14	Ⓢ
CHECKED :	PASSED :		
REVISION	By	Date	Rev.

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Drawing Status: **PRELIMINARY**

Client: NORTHUMBERLAND COUNTY COUNCIL COUNTY HALL, MORPETH, NORTHUMBERLAND. NE61 2EF

Job Title: WEST NEWTON - KIRKNEWTON B6351 ROAD WEST NEWTON BRIDGE SCOUR PROTECTION WORKS

Drawing Title: PROPOSED WORKS - AREA 1 TRAINING LOGS & SCOUR PROTECTION TO BRIDGE PLAN, DETAIL & SCHEDULE (Sheet 1 of 2)

Drn	Date	Checked	Passed
PF	23.09.14	PAB	JLR
Drawing Number	HB127276/B/B6351/06/24		
Job Number/File Number			