

EARTHWORK NOTES:

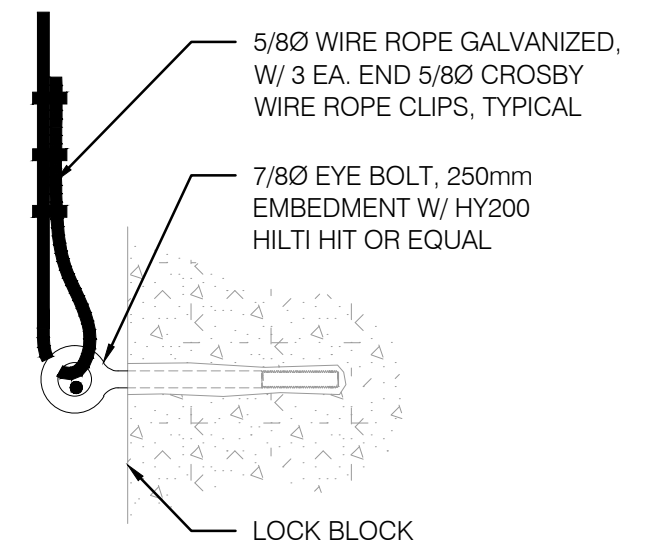
1. ALL SPECIFIED FILL MATERIALS TO BE COMPACTED TO MINIMUM 95% STANDARD PROCTOR MAXIMUM DRY DENSITY (SPMDD).
2. MAXIMUM THICKNESS OF 200mm (8") PER LIFT.
3. COMPACTION METHOD TO BE SMOOTH DRUM ROLLER.
4. FILL MOISTURE CONTENT TO BE OPTIMUM BASED ON SOIL TESTING.
5. MINIMUM AMBIENT TEMPERATURE OF 3 °C REQUIRED AT TIME OF FILL PLACEMENT UNLESS HEATING AND HOARDING IS USED. DO NOT PLACE ON FROZEN SUBGRADE.
6. COMPACTED FILL DENSITY MUST BE TESTED ONCE PER LIFT.
7. THE TOLERANCE OF THE FINISHED SURFACE MUST BE +/- 50mm OF DESIGN GRADE.
8. FILL SOURCE AND GRADATION CURVE MUST BE SIGNED OFF BY THE ENGINEER.
9. NO FILL TO BE PLACED WITHOUT SUBGRADE INSPECTION AND SIGN OFF BY THE ENGINEER.
10. MATERIAL TESTING TO BE CONDUCTED FOR ALL NEW FILL TYPES OR WHENEVER THERE IS A CHANGE IN APPEARANCE OF EXISTING FILL TYPE.
11. MATERIAL TESTING TO BE CONDUCTED IN ACCORDANCE WITH ASTM D422-63, ASTM C136-01, ASTM D2216-98, ASTM D698-00a.

GRANULAR FILTER BEDDING GRADATION
 USE GRADED GRAVEL AND SAND COMPLYING WITH THE FOLLOWING GRADATION REQUIREMENTS:

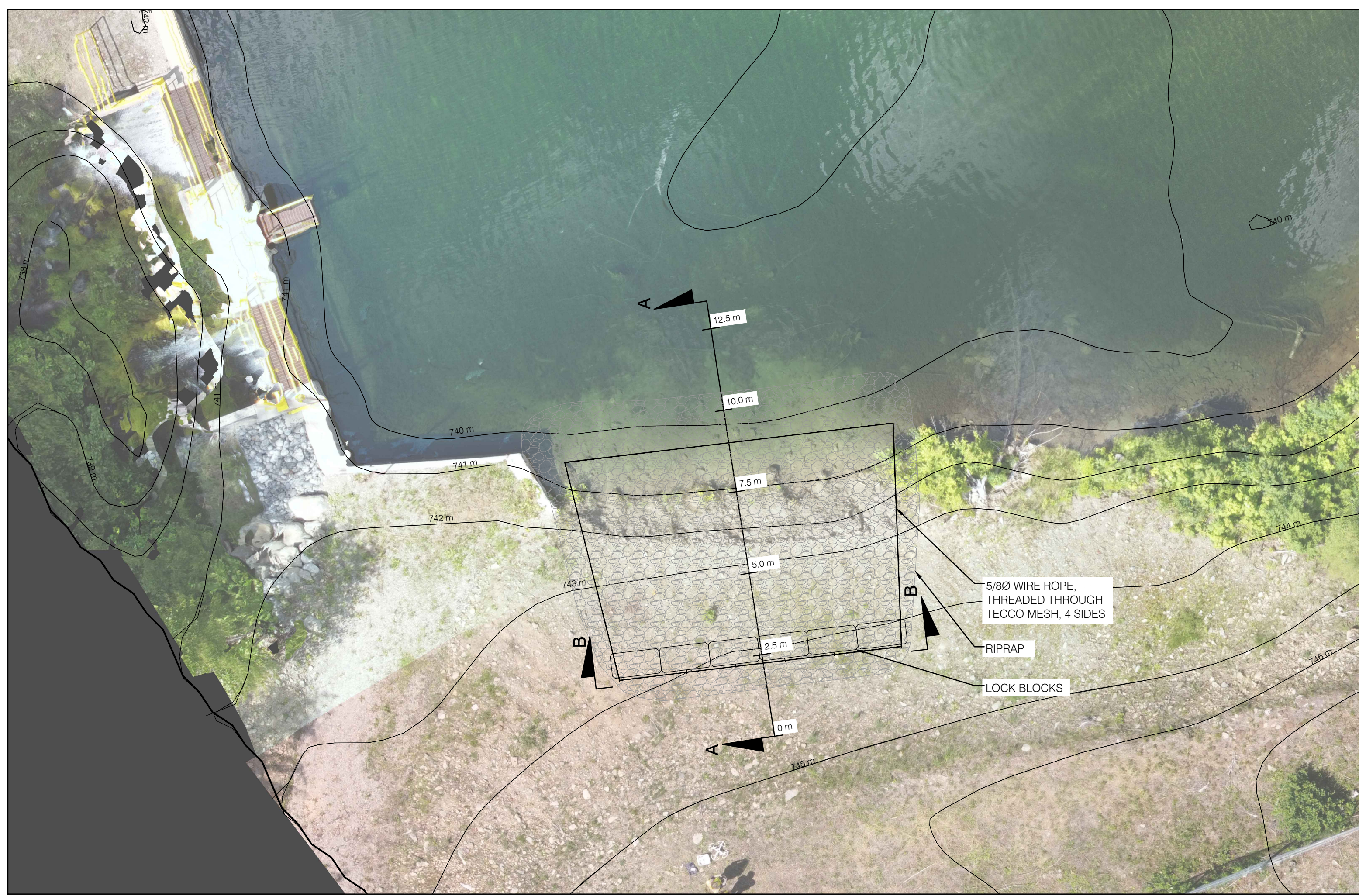
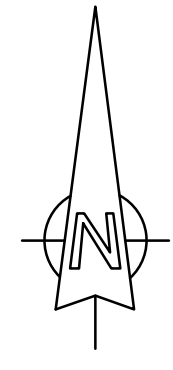
SIEVE SIZE (mm)	PERCENT PASSING BY MASS
25	100
19	75 TO 100
9.5	30 TO 65
4.75	5 TO 30
2.36	0 TO 10
0.30	0 TO 8
0.075	0 TO 5

RIPRAP MATERIAL GRADATION
 MATERIALS FOR THE ROCK RIPRAP SHALL BE SOUND AND DURABLE FIELD STONE, OR ROUGH HEWN QUARRY STONE AS NEARLY RECTANGULAR AS PRACTICAL WITH A SPECIFIC GRAVITY OF NOT LESS THAN 2.65, COMPLYING TO THE FOLLOWING GRADATION REQUIREMENTS:

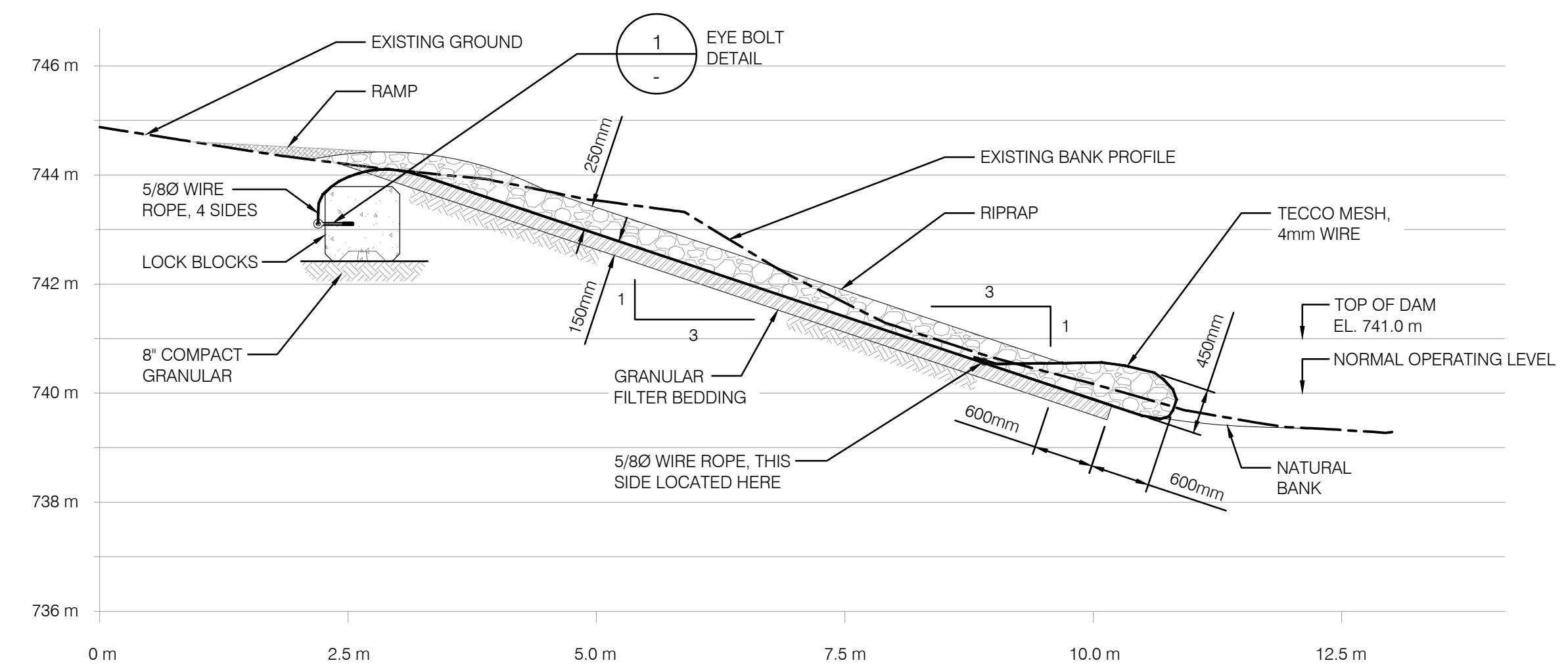
D _{MAX}	250mm
D ₈₀	130mm
D ₅₀	100mm
D ₂₀	50mm



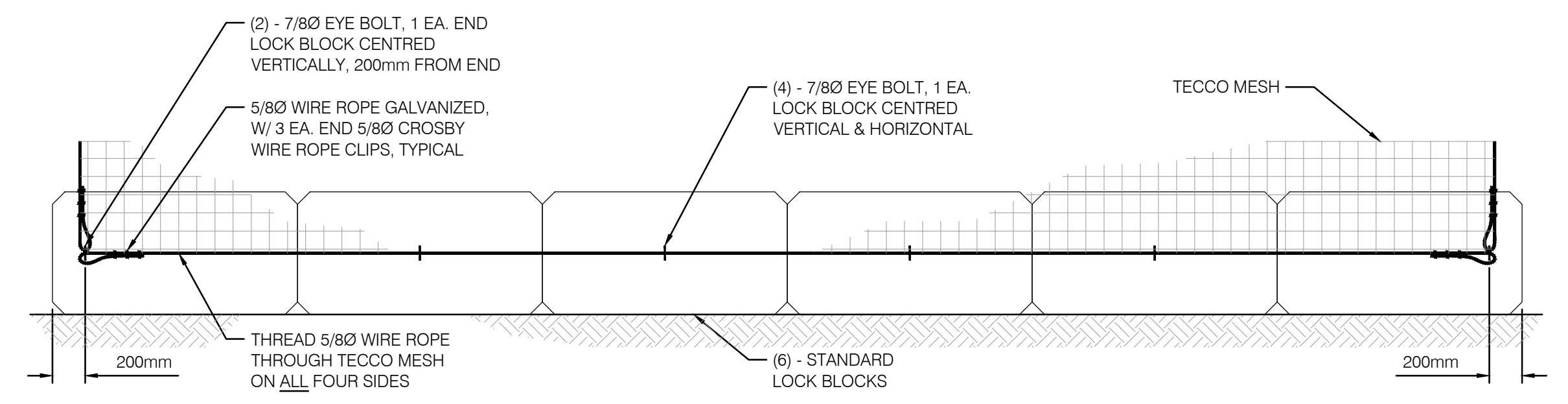
1 DETAIL
 SCALE: 1:10
 6 TYPICAL



KELLY CREEK PLAN
 SCALE: 1:100



A SECTION
 SCALE: 1:50



B SECTION
 SCALE: 1:30

FOR CONSTRUCTION

DRAWING No.	DESCRIPTION	REV	DESCRIPTION	PREPARED BY	VERIFIED BY	DATE
		1	REVISED & RE-ISSUED FOR CONSTRUCTION	M. DEMELO	R. AUSTIN	2024-08-12
		0	ISSUED FOR CONSTRUCTION	M. DEMELO	R. AUSTIN	2024-02-13
REFERENCE DRAWINGS						
REVISIONS						

	PROJECT: VILLAGE OF FRUITVALE TITLE: KELLY CREEK DAM RIPRAP DESIGN
	DESIGNED BY: R. AUSTIN PREPARED BY: R. AUSTIN SCALE: AS SHOWN DRAWING No.: 7857001-000000-41-D20-0001