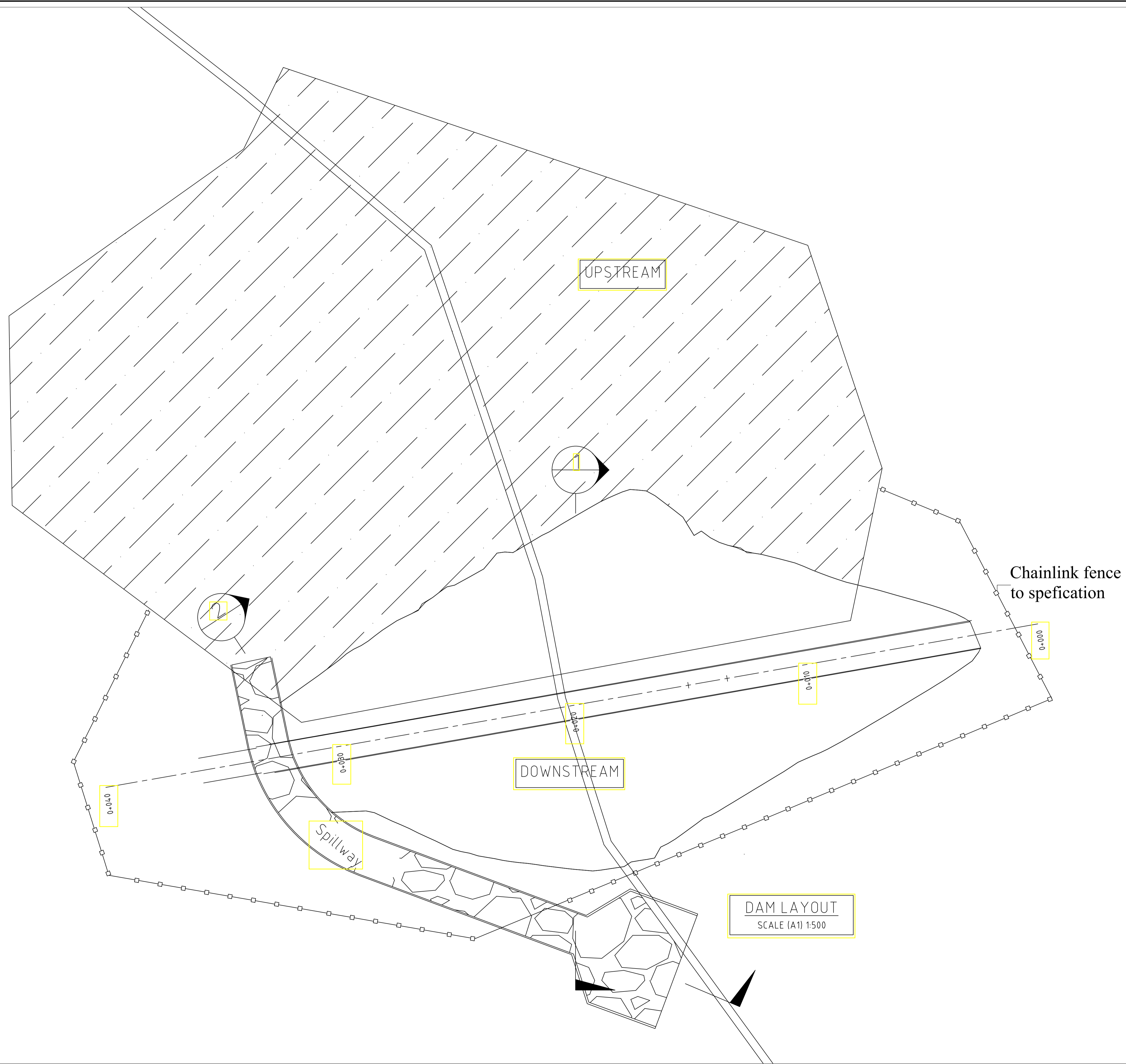


and File No. E:\TANATHI\Projects\Earth Dams cluster\Kaya Dam\Tender documents\Drawings\Kaya dam drawing.dwg




NOTES.

1. LEVEL ARE IN METRES.
2. A PROVISIONAL FILTER THICKNESS OF 1m MINIMUM HAS BEEN PROVIDED.
3. DEPTH OF FOUNDATION(S) TO BE FINALIZED AFTER GEOTECHNICAL INVESTIGATION.
4. A CAMBER OF 2% OF THE DESIGN DAM HEIGHT, OR AS SPECIFIED BY THE ENGINEER, SHOULD BE PROVIDED ABOVE THE DCL TO CATER FOR SETTLEMENT OF EMBANKMENT AND FOUNDATION.

Rev	Revision	Approved	Date

Client:



CONSULTANT:

Project: **KAYA EARTH DAM**

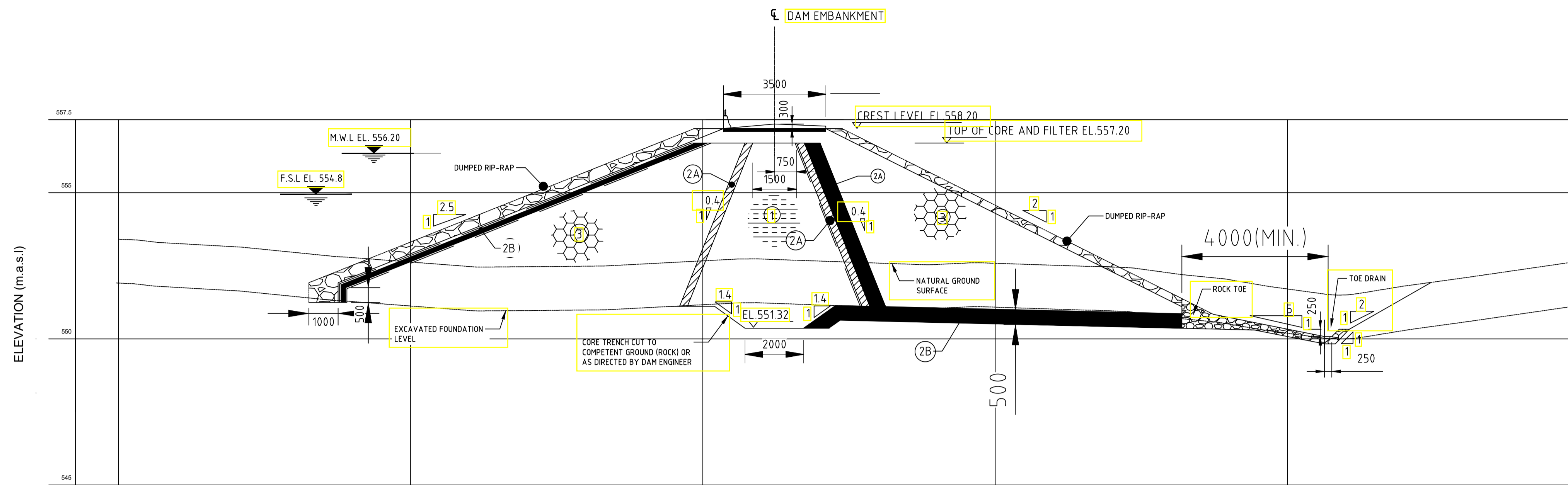
Title: **EMBANKMENT MATERIAL GRADATION**

Drawn: **KMK** Date: **16/06/2025**
 Designed: **KMK** Date: **16/06/2025**
 Checked: _____ Date: _____
 Approved: _____ Date: _____

Drawing No. **TAWWDA/KA/06/2025-01** Revision: **A**
 Drawing Scale: _____ Sheet Size: **A1**
 Drawing Status: **TENDER DRAWINGS**

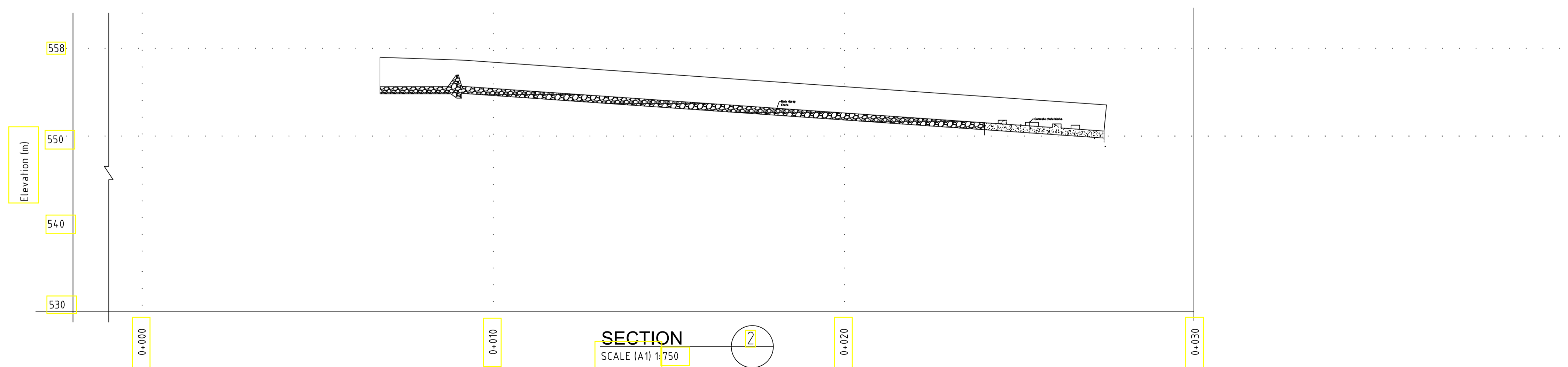
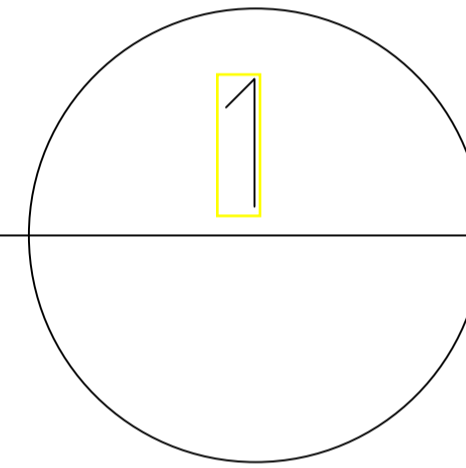
NOTES.

1. DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
2. LEVEL ARE IN METRES.
3. A PROVISIONAL FILTER THICKNESS OF 1m MINIMUM HAS BEEN PROVIDED.
4. DEPTH OF FOUNDATION(S) TO BE FINALIZED AFTER GEOTECHNICAL INVESTIGATION.
5. A CAMBER OF 2% OF THE DESIGN DAM HEIGHT, OR AS SPECIFIED BY THE ENGINEER, SHOULD BE PROVIDED ABOVE THE DCL TO CATER FOR SETTLEMENT OF EMBANKMENT AND FOUNDATION.



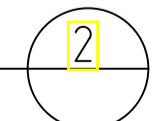
SECTION

SCALE (A1) 1:100




SECTION

SCALE (A1) 1:750



Rev	Revision	Approved	Date

Client:



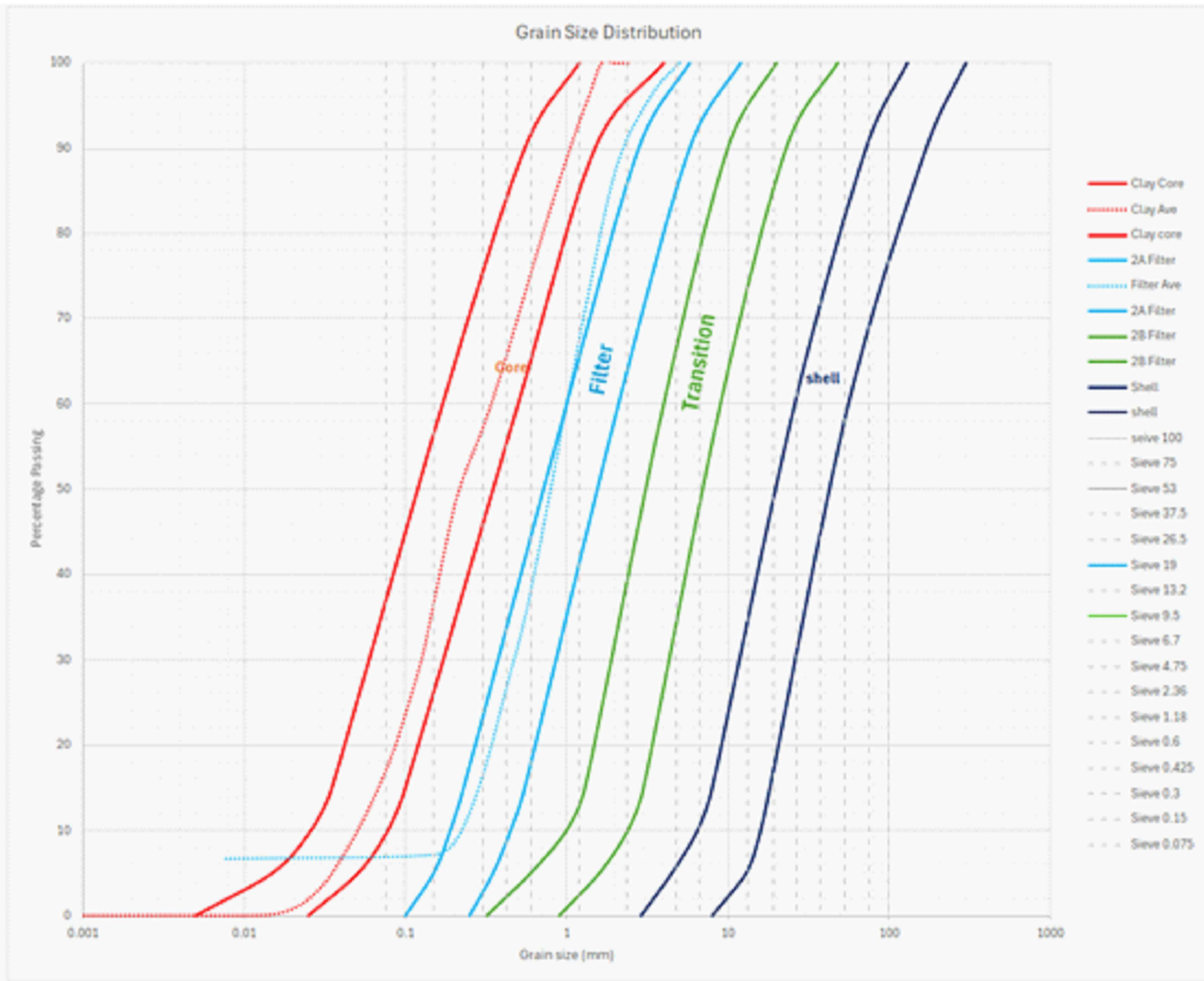
CONSULTANT:

Project: KAYA EARTH DAM

Title: EMBANKMENT MATERIAL GRADATION

Drawn: KMK	Date: 16/06/2025
Designed: KMK	Date: 16/06/2025
Checked:	Date:
Approved:	Date:

Drawing No. TAWWDA/KA/06/2025-02	Revision: A
Drawing Scale:	Sheet Size: A1
Drawing Status: TENDER DRAWINGS	




Clay		
Percent passing	Particle Dia Upper	Particle Dia Low
100	4	1.2
90	1.5	0.55
60	0.5	0.17
15	0.1	0.035
10	0.078	0.026
5	0.051	0.015
0	0.025	0.005

Fine Filter		
Percent passing	Particle Dia Upper	Particle Dia Low
100	12	5.8
90	5.8	2.8
60	2.1	1
15	0.55	0.23
10	0.45	0.19
5	0.35	0.15
0	0.25	0.1

Transition		
Percent passing	Particle Dia Upper	Particle Dia Low
100	48	20
90	23	10
60	9	4
15	3	1.3
10	2.4	1
5	1.6	0.6
0	0.9	0.32

Shell		
Percent passing	Particle Dia High	Particle Dia Low
100	300	130
90	170	72
60	56	26
15	18.26	8
10	16	6.5
5	13	4.5
0	8	2.9

Rev	Revision	Approved	Date

Client: 

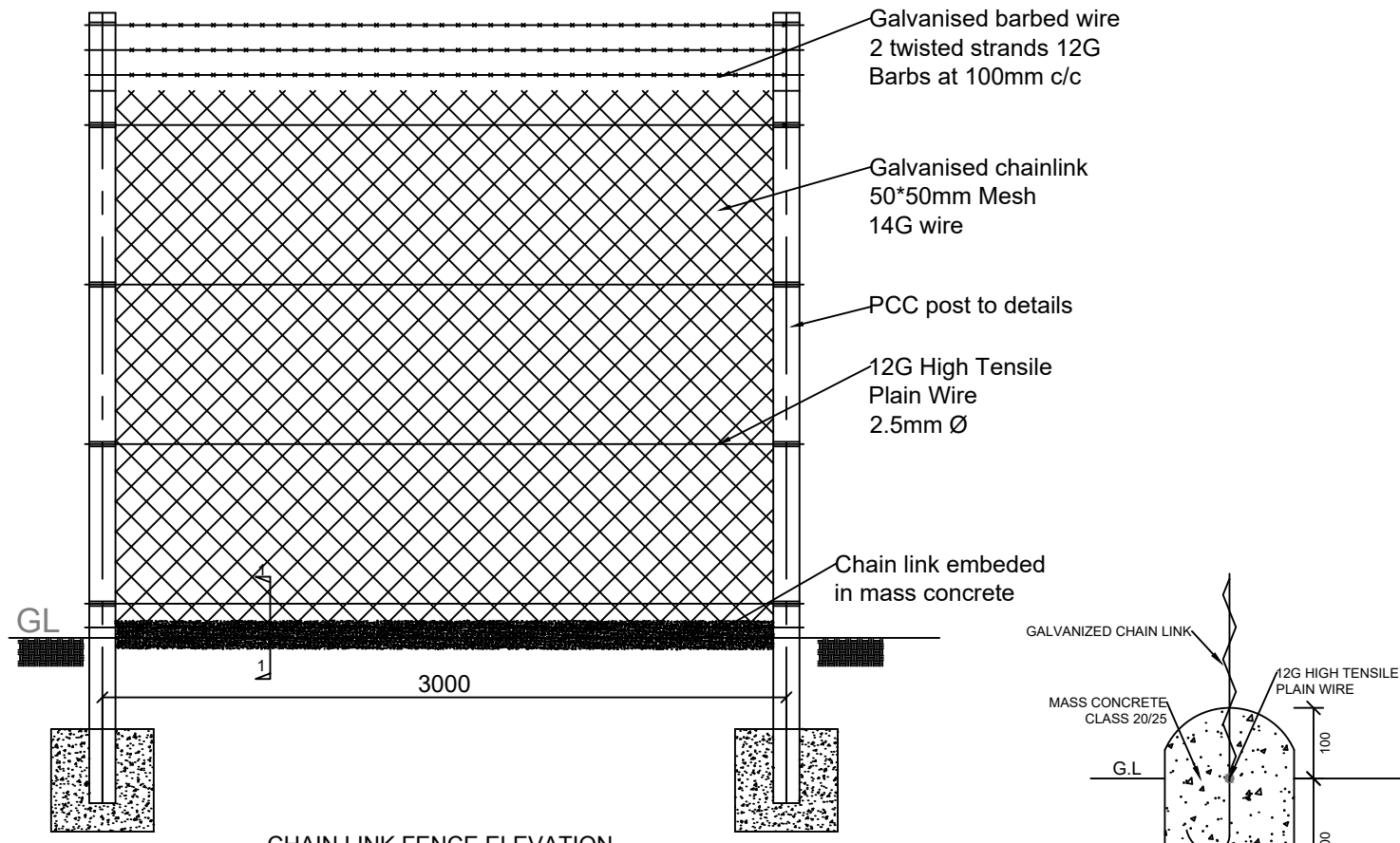
CONSULTANT: _____

Project: KAYA EARTH DAM

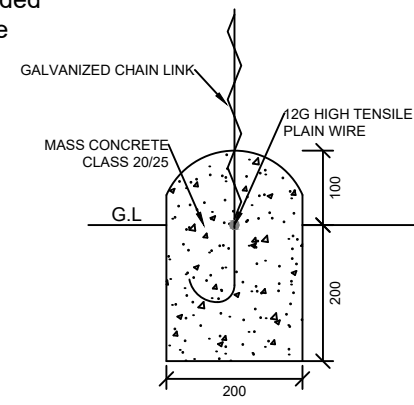
Title: EMBANKMENT MATERIAL GRADATION

Drawn: KMK Date: 16/06/2025
 Designed: KMK Date: 16/06/2025
 Checked: _____ Date: _____
 Approved: _____ Date: _____

Drawing No: TAWWDA/KA/06/2025-03 Revision: A
 Drawing Scale: _____ Sheet Size: A1
 Drawing Status: TENDER DRAWINGS



CHAIN LINK FENCE ELEVATION



SECTION THRU' THE FENCE SECTION 1-1



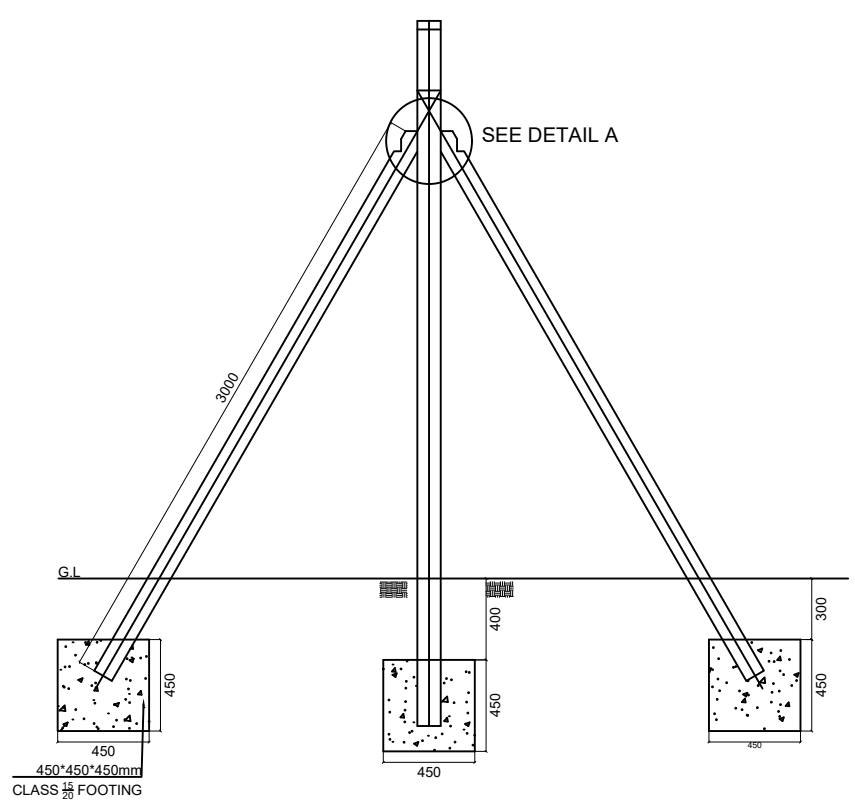
Image of Stay Post



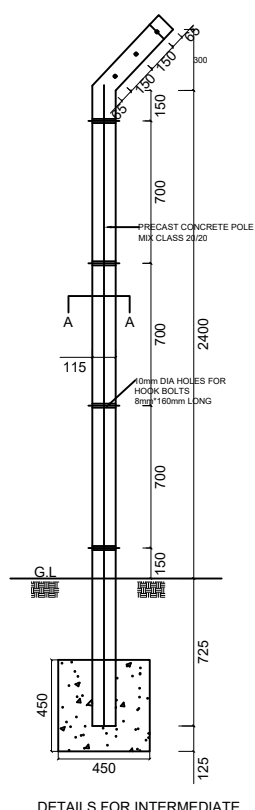
Image of Corner Post Type 1 for corner angle < 135°



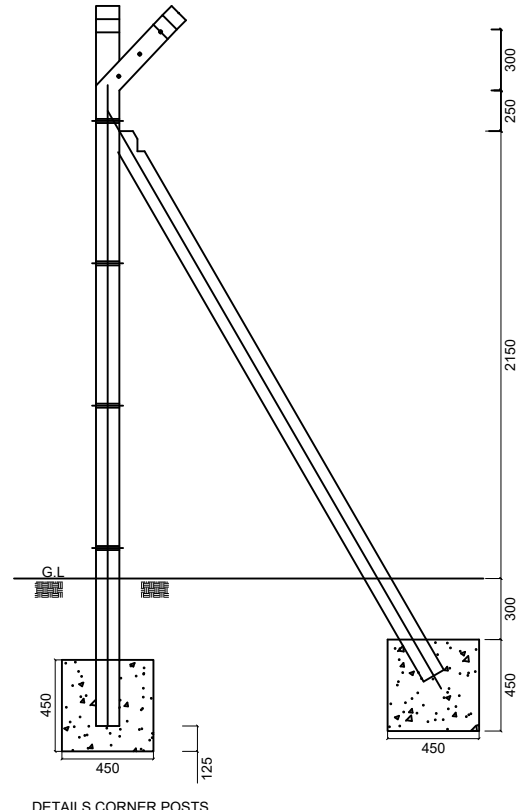
Image of Corner Post Type 2 for corner angle > 135°



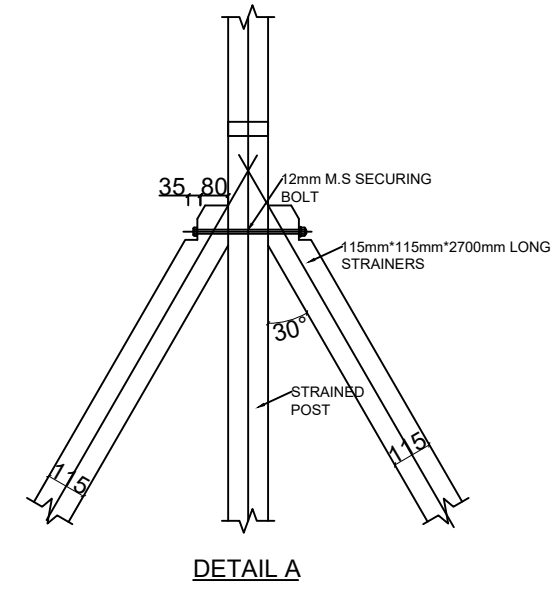
DETAILS FOR STAY POSTS



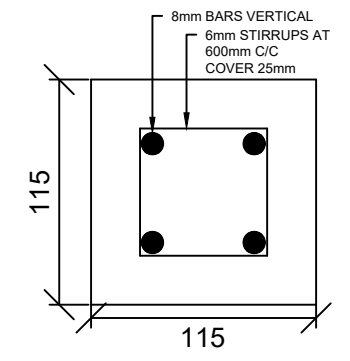
DETAILS FOR INTERMEDIATE POST AT 3.0m C/C



DETAILS CORNER POSTS

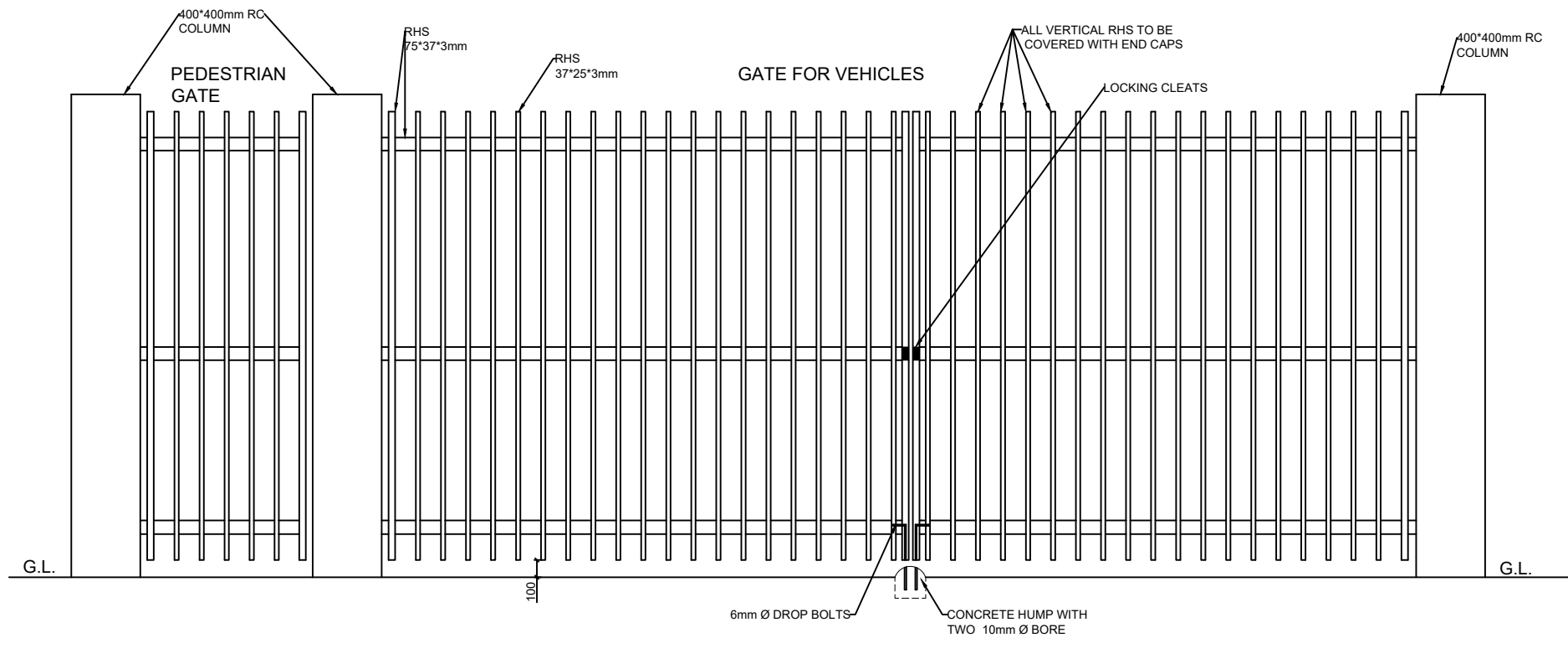


DETAIL A

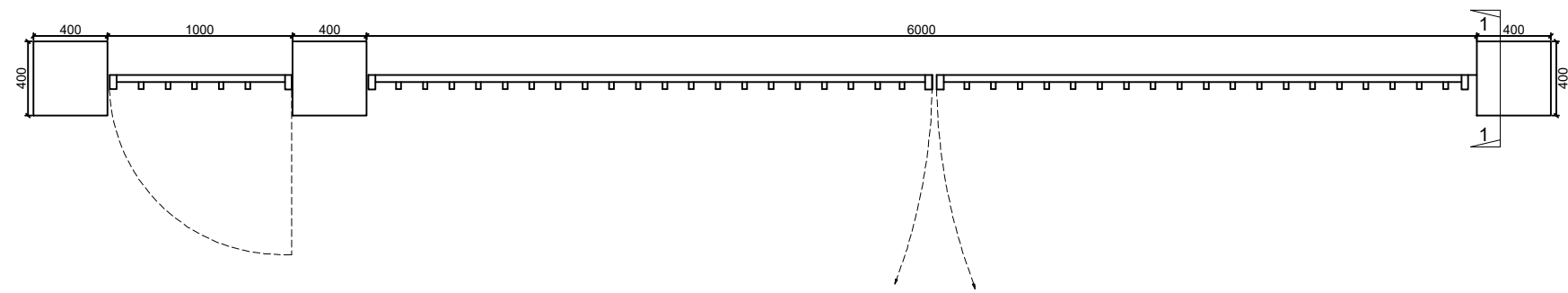


SECTION A-A

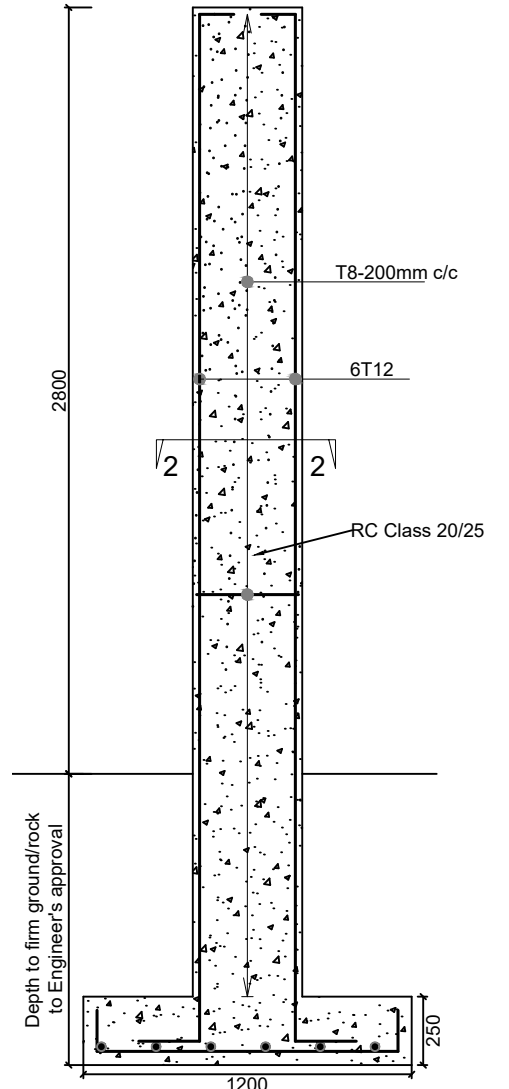
Revision	Approved by	Date	Ref: NO.
	K. Martin	2025/06/17	
Revision		TYPICAL DETAILS	
Approval	K. Martin		
Check	DMO		
Design	K. Martin	FENCE DETAILS	
Drawing	K. Martin		
Date	2025/06/17	Drawing No.	TAWWDA -TD - 04



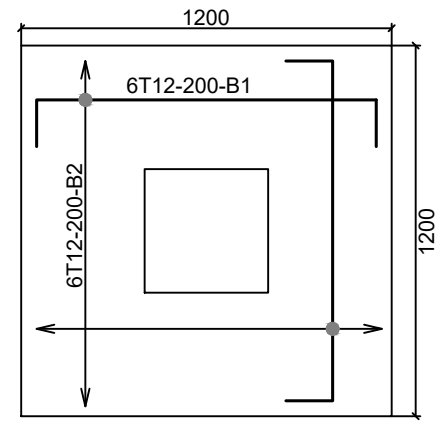
ELEVATION



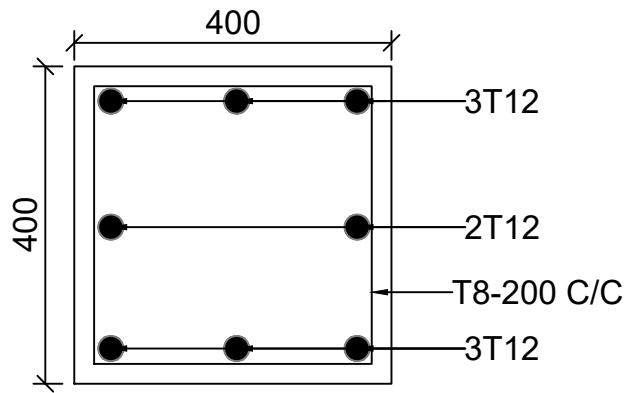
PLAN VIEW



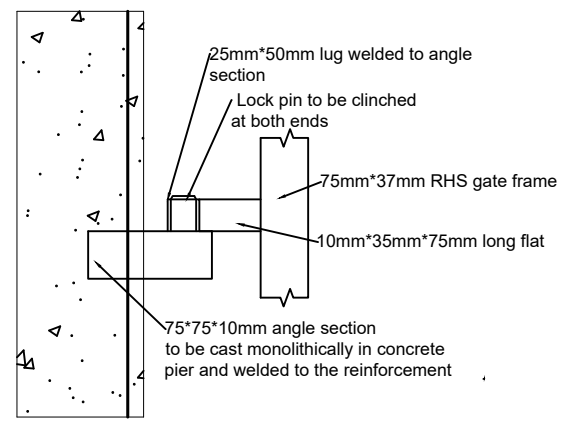
Gate Pier details Section 1-1



COLUMN FOOTING DETAILS



SECTION 2-2



Hinge connection details

Revision	Approved by	Date	Ref: NO.
	K.Martin	2025/06/17	
TYPICAL DETAILS			
Revision		GATE DETAILS	
Approval	K.Martin		
Check	DMO		
Design	K. Martin		
Drawing	K.Martin		
Date	2025/06/17	Drawing No.	TAWWDA -TD - 005