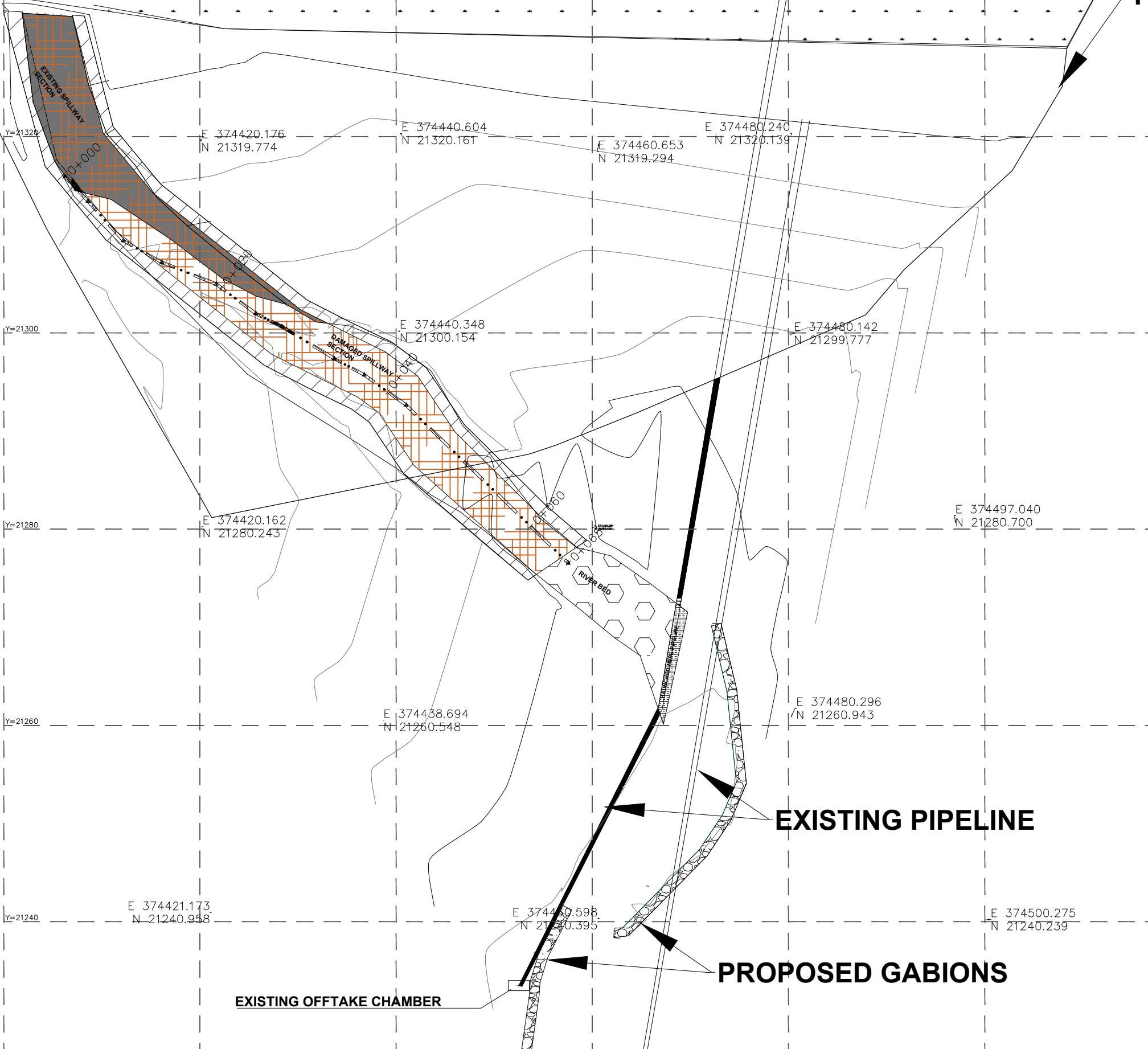


NOTES  
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED

**EXISTING  
DAM  
RESERVOIR**

**PROPOSED FENCELINE**



**FOR TENDERING**  
signed CMTS

REV	REVISIONS	SIGN	DATE	APPROVED
	BY			
	CHECKED			
	BY			
	CHECKED			
	BY			
	CHECKED			
CO	ISSUED FOR CONSTRUCTION	BY		CHECKED

**CLIENT**  
 TANA WATER WORKS  
DEVELOPMENT AGENCY  
P. O. BOX 1292-10100  
NYERI

**PROJECT**  
IGEMBE CLUSTER WATER PROJECT - LOT II:  
THANGATHA DAM SPILLWAY WORKS

**Civil/Structural Engineers**  
 TANA WATER WORKS  
DEVELOPMENT AGENCY  
P. O. BOX 1292-10100  
NYERI

**Drawing Title**  
THANGATHA DAM  
SPILLWAY REHABILITATION WORKS  
SPILLWAY LAYOUT

Designed by KNG Drawn by EWN

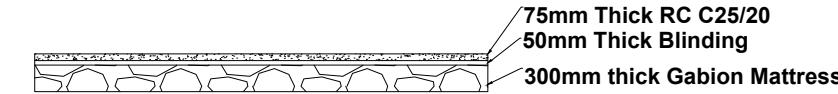
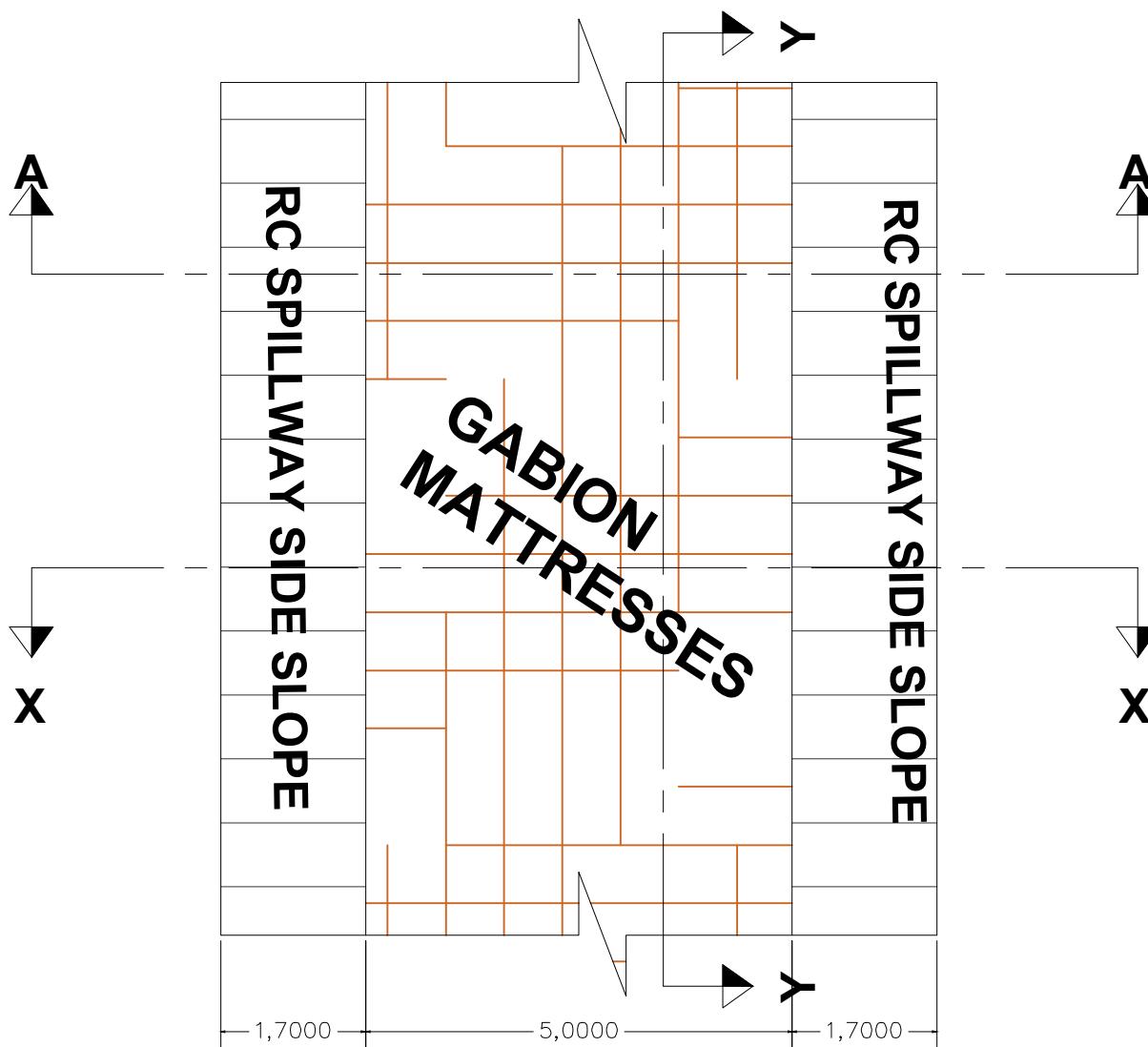
Checked by JMM Approved by

Scale AS SHOWN (A1) Date FEBRUARY 2022

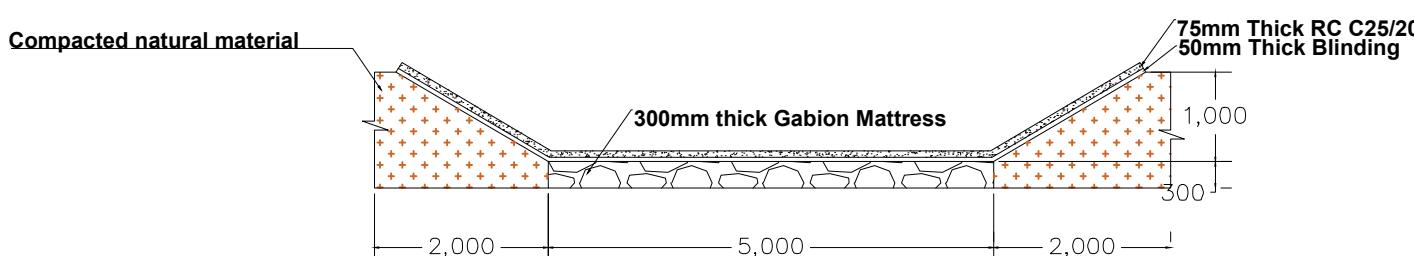
Job No. 1 ACAD File:

PD STATUS DRAWING No. TWWDA/TDS/SL-01 CO REV

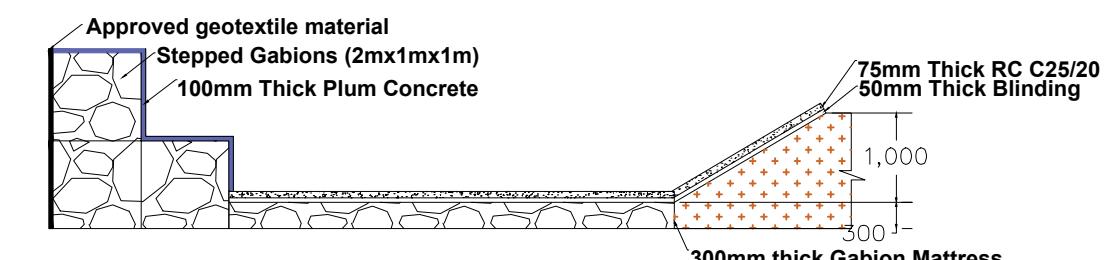
NOTES  
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED



Y-Y Section



X-X Section



A-A Section

FOR TENDERING  
signed CMTS

REV	REVISIONS	SIGN	DATE	APPROVED
	BY			
	CHECKED			
	BY			
	CHECKED			
	BY			
	CHECKED			
CO	ISSUED FOR CONSTRUCTION	BY		CHECKED

CLIENT  
 TANA WATER WORKS DEVELOPMENT AGENCY P. O. BOX 1292-10100 NYERI

PROJECT  
IGEMBE CLUSTER WATER PROJECT - LOT II: THANGATHA DAM SPILLWAY WORKS

Civil/Structural Engineers  
 TANA WATER WORKS DEVELOPMENT AGENCY P. O. BOX 1292-10100 NYERI

Drawing Title  
THANGATHA DAM REHABILITATION WORKS PLAN AND SECTION VIEWS

Designed by KNG	Drawn by EWN
Checked by JMM	Approved by
Scale AS SHOWN (A1)	Date FEB 2022
Job No. 1	ACAD File:
PD STATUS	DRAWING No. TWWDA/TDS/PS-01

NOTES  
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED



LEGEND:  
— PROPOSED PIPELINE  
- - - EXISTING GROUND PROFILE

FOR TENDERING  
signed CMTS

REV	REVISIONS	SIGN	DATE	APPROVED
	BY			
	CHECKED			
	BY			
	CHECKED			
	BY			
	CHECKED			
CO	ISSUED FOR CONSTRUCTION	BY		
		CHECKED		

CLIENT  
 TANA WATER WORKS DEVELOPMENT AGENCY P. O. BOX 1292-10100 NYERI

PROJECT  
IGEMBE CLUSTER WATER PROJECT – LOT II: THANGATHA DAM SPILLWAY WORKS

Civil/Structural Engineers  
 TANA WATER WORKS DEVELOPMENT AGENCY P. O. BOX 1292-10100 NYERI

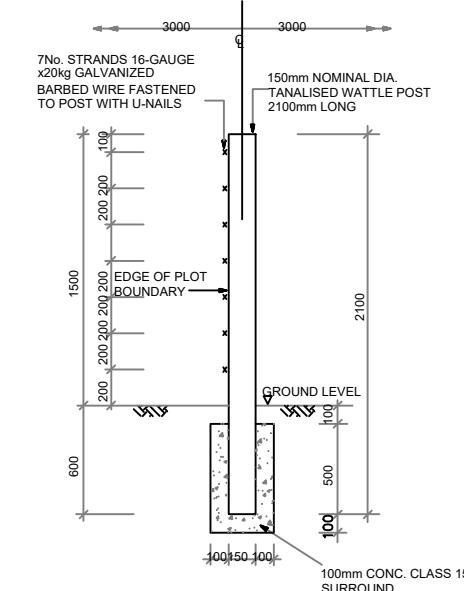
Drawing Title  
THANGATHA DAM SPILLWAY REHABILITATION WORKS SPILLWAY LAYOUT

Designed by KNG	Drawn by EWN
Checked by JMM	Approved by
Scale AS SHOWN (A1)	Date FEBRUARY 2022
Job No. 1	ACAD File:
PD STATUS	DRAWING No. TWWDA/TDS/SL-01
CO REV	

## NOTES

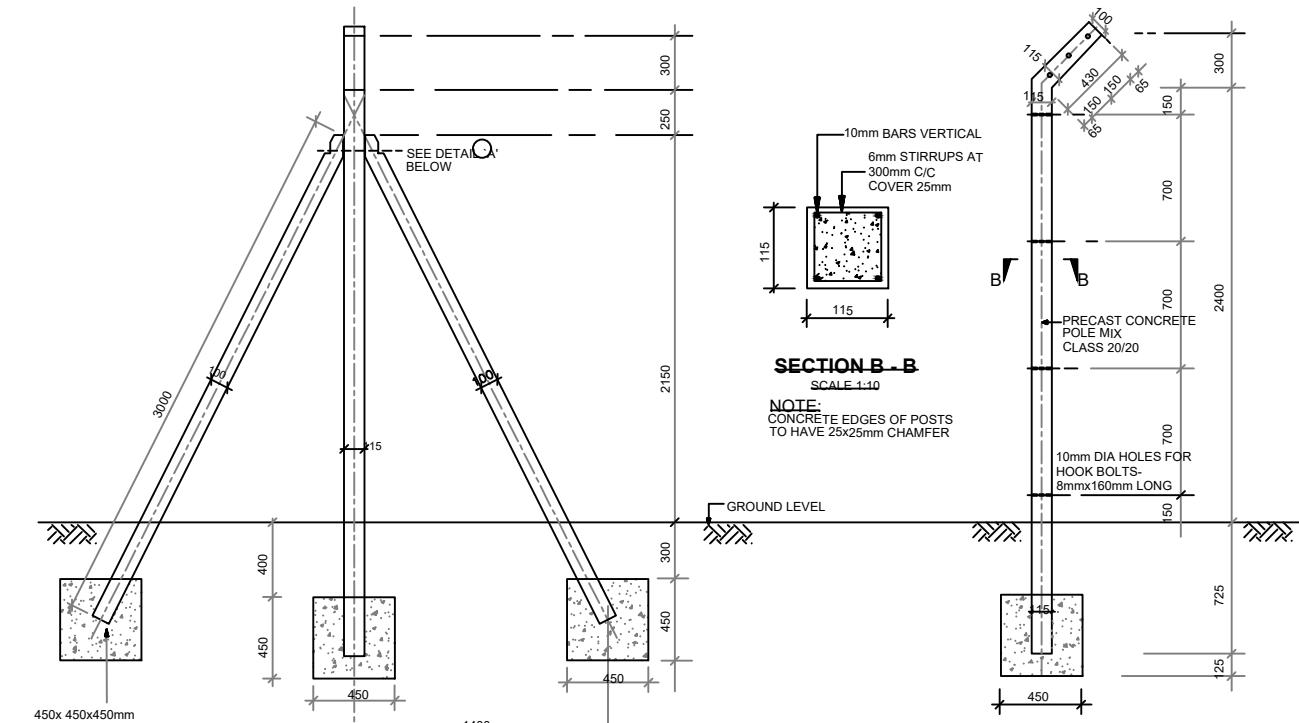
- a) CONCRETE MIXES ARE AS FOLLOWS:
  - 1. POSTS CLASS 20/20
  - 2. STRAINER POSTS CLASS 20/20
  - 3. FOUNDATION BLOCK CLASS 15/20 CONC.
- b) CHAIN LINK IS IN GAUGE 12 GALVANISED STEEL WIRE.
- c) STRAINING WIRES ARE 12 GAUGE GALVANISED STEEL PLAIN WIRES.
- d) WIRES ON CRANK ARE 12 GAUGE GALVANISED STEEL BARBED WIRE.
- e) STRAINING WIRES FIXED TO POST WITH GALVANIZED HOOK BOLTS 8mm DIA. x 60mm LONG
- WHERE THE POST ENCROACHES ON PRIVATE LAND THE FENCE IS ERECTED WITH CRANK POINTING INTO THE SITE.
- f) ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE STATED.
- g) ALL EXPOSED CONCRETE EDGES OF POSTS HAVE 25x25mm CHAMFER

## DETAILS OF WATTLE POSTS FOR BARBED WIRE FENCE



**TYPICAL END ELEVATION - SINGLE POST  
(AT 3.0m CENTRES)**  
(NTS)

## DETAILS OF PRECAST CONCRETE POSTS FOR CHAIN LINK FENCE



**DETAILS OF SINGLE P.C.C.  
POST AT 3.30m Cts.**  
SCALE 1:40

## ABBREVIATIONS

C/C = CENTRE TO CENTRE.  
 Cts. = CENTRES.  
 M.S. = MILD STEEL.  
 P.C.C = PRECAST CEMENT CONCRETE.  
 CONC. - CONCRETE  
 mm - MILLIMETER  
 uPVC - UNPLASTICISED POLYVINYL CHLORIDE  
 Dia. - DIAMETER  
 Kg - KILOGRAMME  
 C - CENTRE LINE  
 m - METRE  
 NTS - NOT TO SCALE  
 Nr. - NUMBER

## LEGEND:

FOR TENDERING			
signed CMTS			
REV	REVISIONS	SIGN	DATE APPROVED
		BY	
		CHECKED	
		BY	
		CHECKED	
		BY	
		CHECKED	
CO	ISSUED FOR CONSTRUCTION	BY	CHECKED

CLIENT  
 TANA WATER WORKS DEVELOPMENT AGENCY  
 P. O. BOX 1292-10100 NYERI

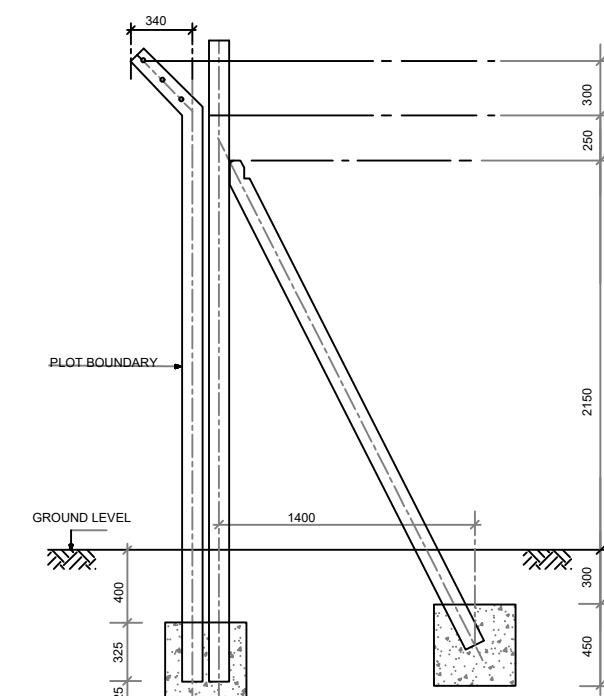
PROJECT  
 IGEMBE CLUSTER WATER PROJECT - LOT II: THANGATHA DAM SPILLWAY WORKS

Civil/Structural Engineers  
 TANA WATER WORKS DEVELOPMENT AGENCY  
 P. O. BOX 1292-10100 NYERI

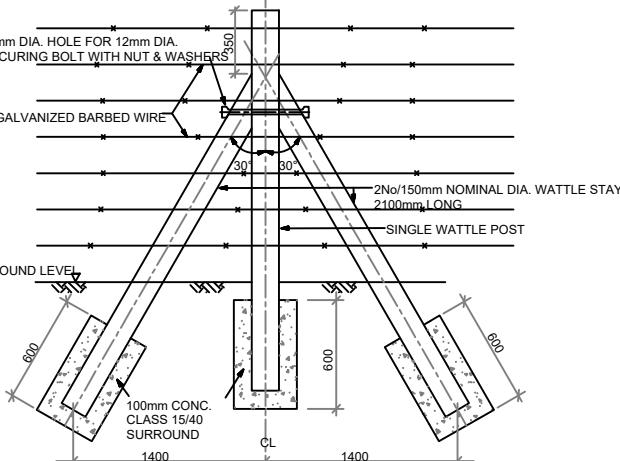
Drawing Title

STANDARD DRAWINGS

## DETAILS OF FENCING POSTS



**DETAILS OF CORNER POSTS**  
SCALE 1:40



**TYPICAL FRONT ELEVATION - STAYED POST  
(STAYS PROVIDED AT 30.0m c/c AND AT  
CORNERS)**  
(NTS)

## NOTES

- a) ALL CORNER POSTS AND EVERY 10 SINGLE POST HAVE 2No. STAYS
- b) POSTS AT 3000mm CENTRES
- c) TOP OF ALL POSTS ARE KEPT IN UNIFORM LINE
- d) EXTENT OF FENCING IS SHOWN ON THE LAYOUT PLAN
- e) N.T.S = NOT TO SCALE

## NOTES

- a) POST AT 3300mm CENTRES
- b) TOP OF ALL POSTS KEPT IN UNIFORM LINE

Designed by KNG	Drawn by EWN
Checked by JMM	Approved by
Scale AS SHOWN (A1)	Date FEBRUARY 2022
Job No. 1	ACAD File:
PD STATUS	DRAWING No. TWWDA/TDS/SD-01