

NOTES

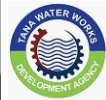
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED

FOR TENDERING

signed CMTS

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	CHECKED			

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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



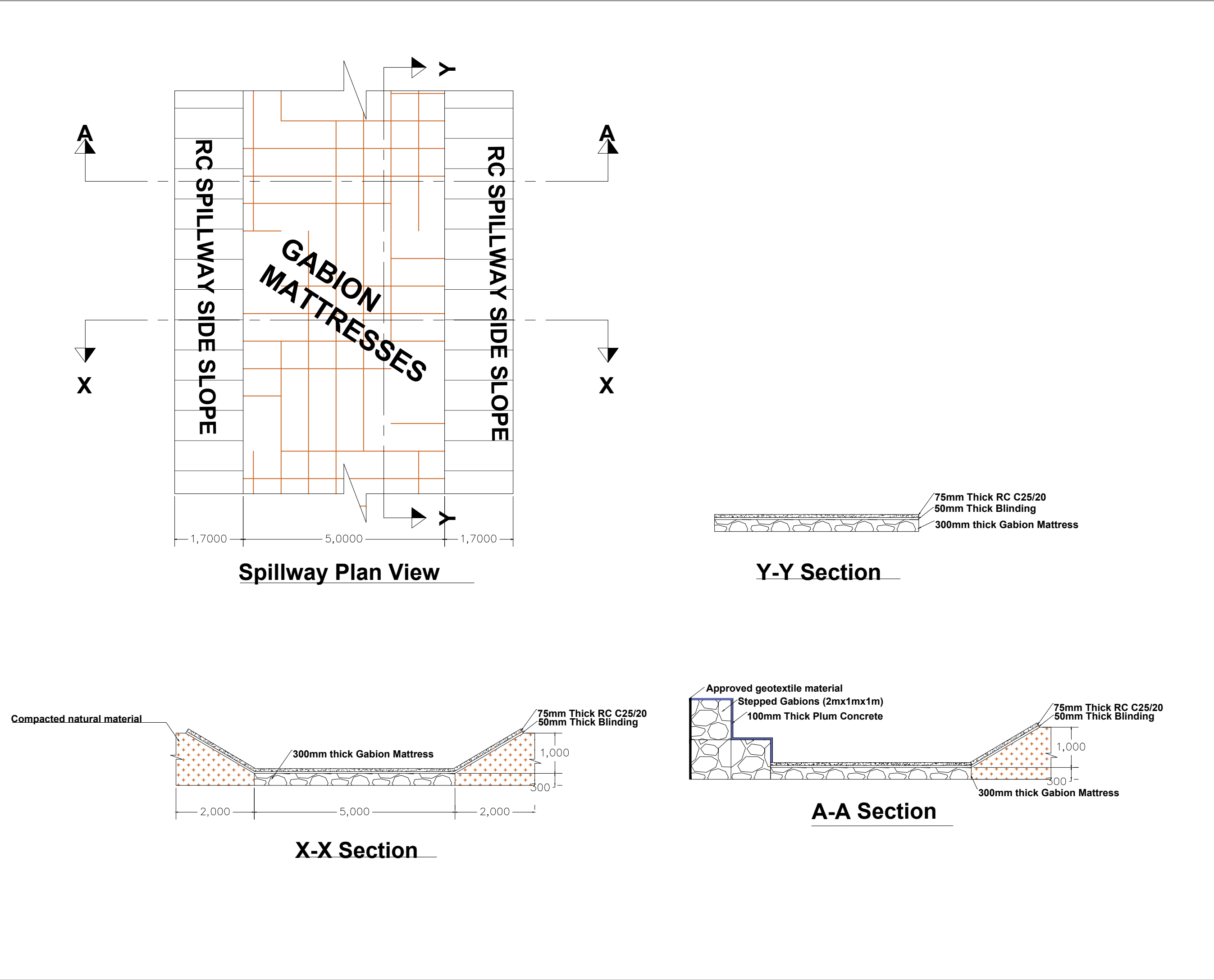
TANA WATER WORKS  
DEVELOPMENT AGENCY  
P. O. BOX 1292-10100  
NYERI

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. TWWD/SDS/SL-01	CO REV
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IGEMBE CLUSTER WATER PROJECT – LOT II:  
THANGATHA DAM SPILLWAY WORKS

Civil/Structural Engineers

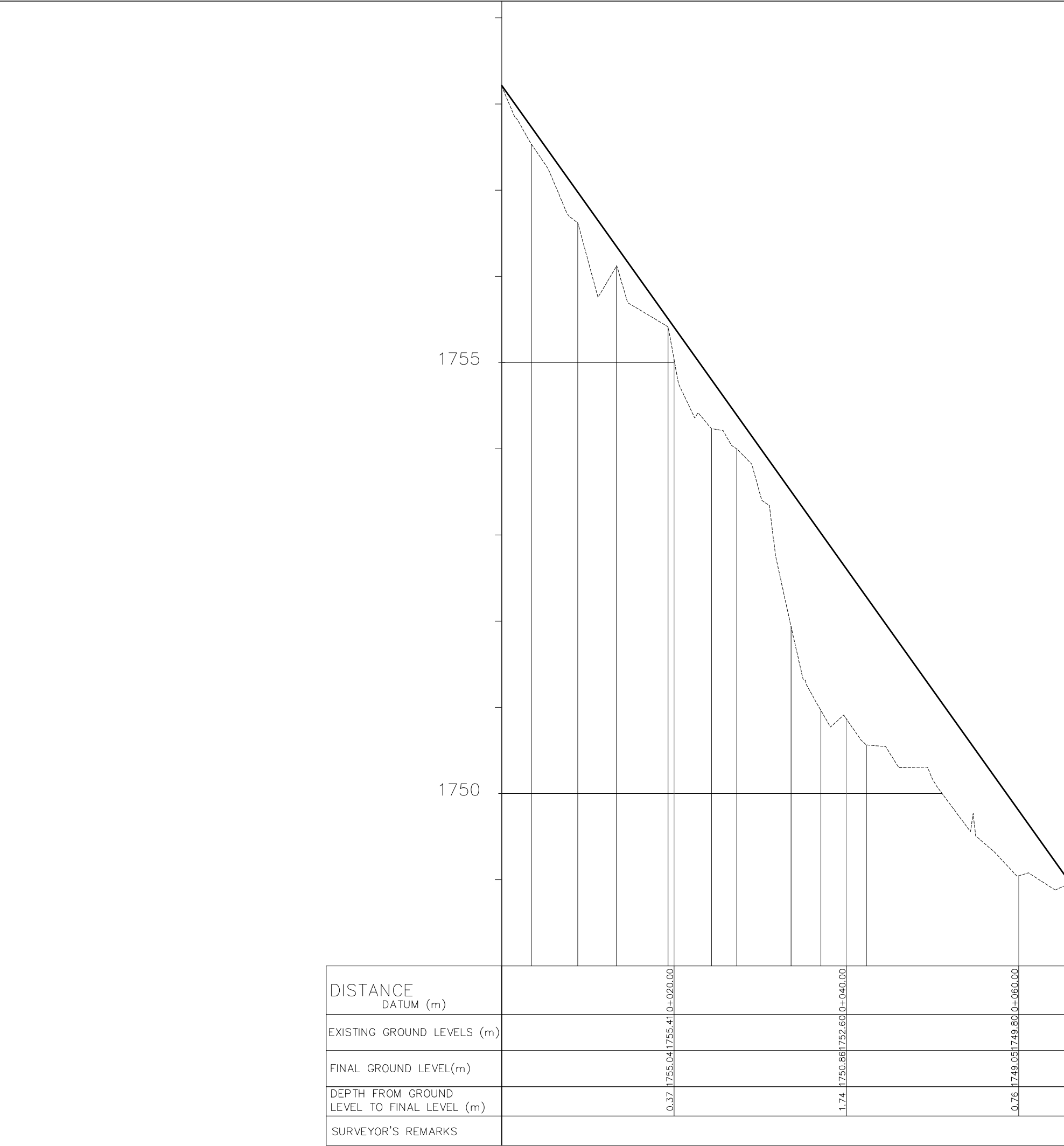


TANA WATER WORKS  
DEVELOPMENT AGENCY  
P. O. BOX 1292-10100  
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Drawing Title

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	CO REV	



NOTES

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LEGEND:


- PROPOSED PIPELINE
- - - EXISTING GROUND PROFILE

FOR TENDERING

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THANGATHA DAM SPILLWAY WORKS

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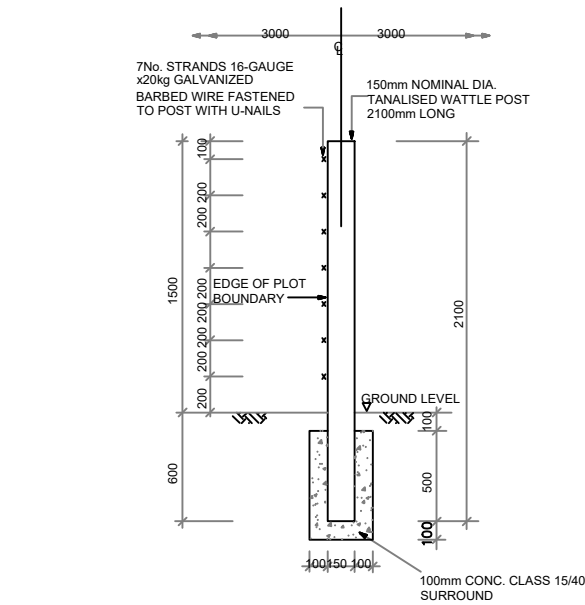
Drawing Title

THANGATHA DAM  
SPILLWAY REHABILITATION WORKS  
SPILLWAY LAYOUT

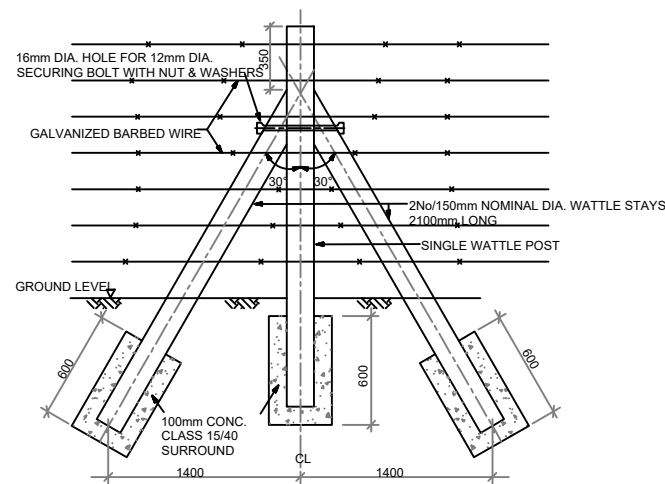
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## DETAILS OF WATTLE POSTS FOR BARBED WIRE FENCE



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

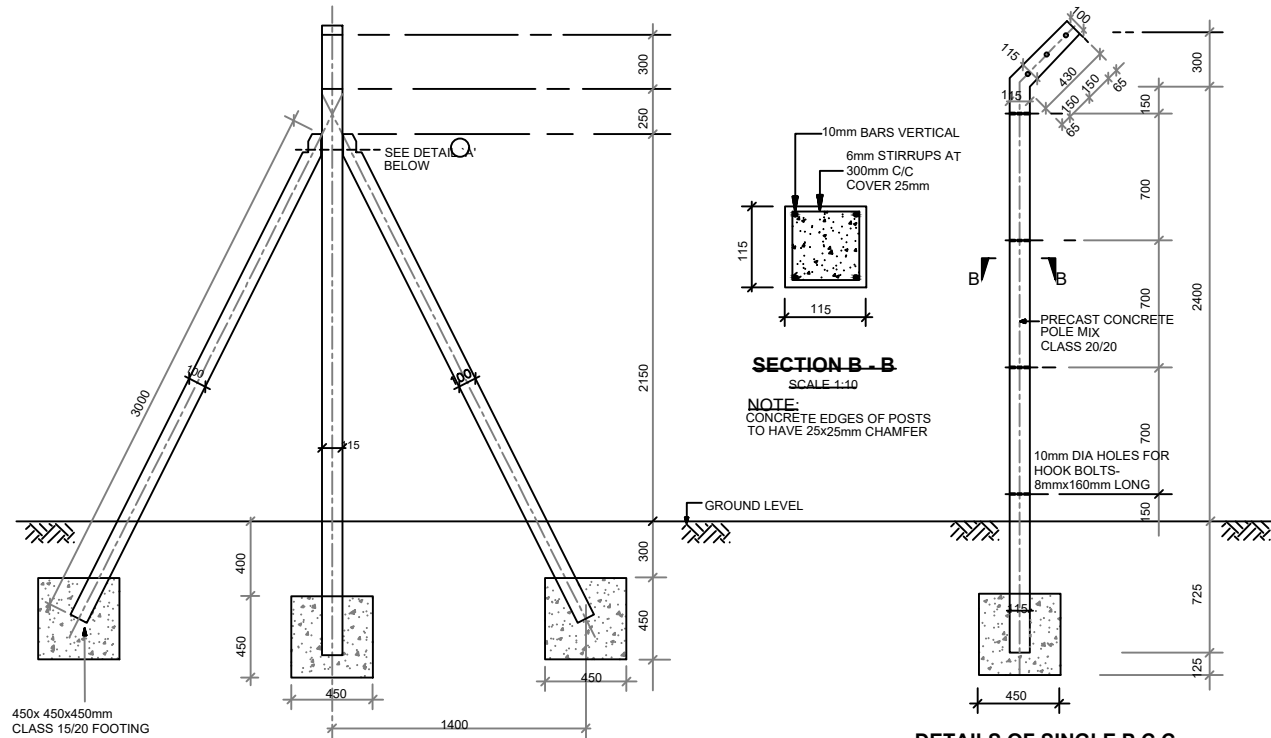


**TYPICAL FRONT ELEVATION - STAYED POST  
(STAYS PROVIDED AT 30.0m c/c AND AT  
CORNERS)**  
(NTS)

### NOTES

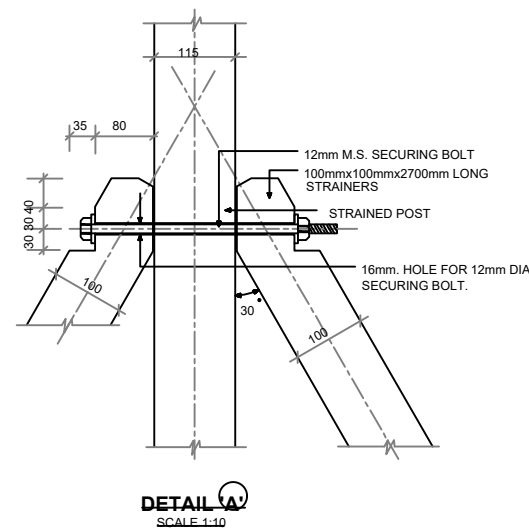
- ALL CORNER POSTS AND EVERY 10 SINGLE POST HAVE 2No. STAYS
- POSTS AT 3000mm CENTRES
- TOP OF ALL POSTS ARE KEPT IN UNIFORM LINE
- EXTENT OF FENCING IS SHOWN ON THE LAYOUT PLAN
- N.T.S = NOT TO SCALE

## DETAILS OF PRECAST CONCRETE POSTS FOR CHAIN LINK FENCE



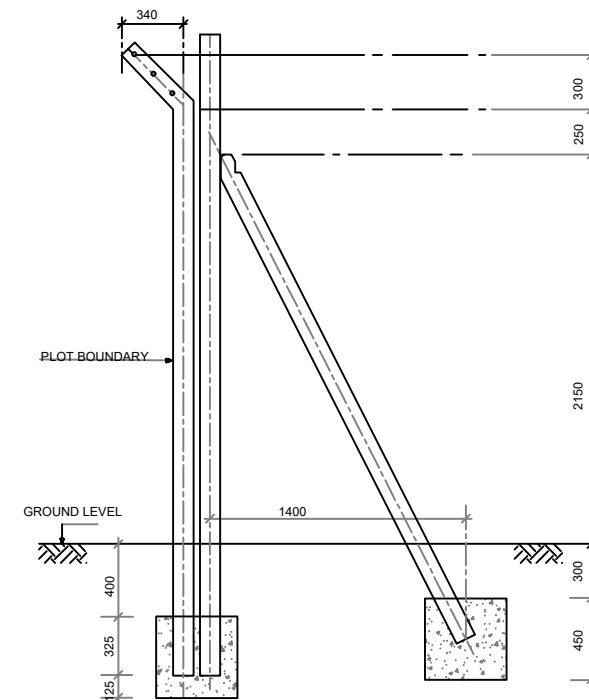
**DETAILS OF STRAINING POST FOR  
CHAIN LINK FENCE AT 33.3m Cts.**  
SCALE 1:40

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



### NOTES

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



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

## NOTES

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


## 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 LINEL  
m - METRE  
NTS - NOT TO SCALE  
Nr. - NUMBER


## FOR TENDERING

signed CMTS

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

Civil/Structural Engineers  
 TANA WATER WORKS  
DEVELOPMENT AGENCY  
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Drawing Title  
STANDARD DRAWINGS  
DETAILS OF FENCING POSTS

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