

BOOK OF DRAWINGS FOR THE PROPOSED DALU WATER PAN

NOTES:

1. All Levels are in metres based on National Datum
2. All dimensions are in meters unless otherwise specified.

LEGEND:—



SURVEY BENCHMARK

NO.	REVISIONS	BY	DATE	DESCRIPTION
4				
3				
2				
1				

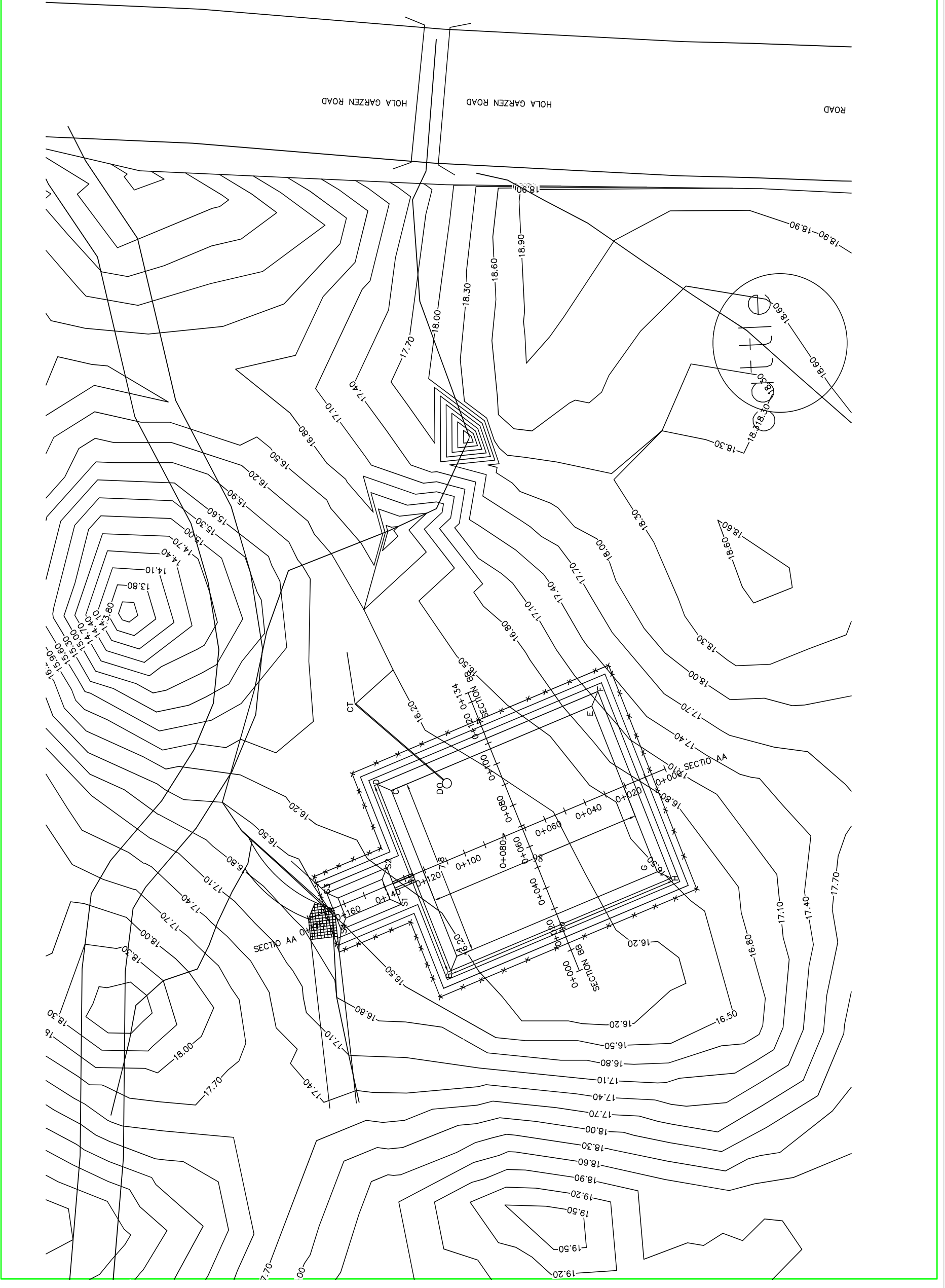
PROJECT: WASH-COMMUNITY RESILIENCE BUILDING IN LIVELIHOOD & DISASTER RISK MANAGEMENT (REBUILD) IN TANA-RIVER COUNTY

CISP
 INTERNATIONAL COMMITTEE FOR DEVELOPMENT OF PEOPLE
 NAIROBI OFFICE # 117
 MANYANI EAST ROAD, OFF JAMES GICHURU, LIVINGSTON, NAIROBI - KENYA
 Email: kenya@cisp-ngo.org

INDIVIDUALCONSULTANT
 ENG. JMR
 P.O BOX 72398-0200
 NAIROBI, KENYA
 Telephone: +254 - 722617042 Email: ramesso@yahoo.com

WATER PAN PROJECT

Scale: 1:500
 Date: JUNE 2022
 TANA RIVER 2022
 DWG NO: 4/8



NOTES:

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LEGEND:-



NORTH



SURVEY BENCHMARK

SETTING OUT DALU

A	623811.560	9740163.617
B	623805.043	9740166.361
D	623888.393	9740200.312
F	623929.889	9740098.440
H	623846.539	9740064.488
S1	623834.772	9740189.268
S2	623851.119	9740195.927
S3	623839.802	9740223.711
DO	623888.813	9740160.156
CT	623924.300	9740210.610

REV	REVISIONS	BY	DATE	APPROVED
4	REVISION	BY	DATE	APPROVED
3	REVISION	BY	DATE	APPROVED
2	REVISION	BY	DATE	APPROVED
1	REVISION	BY	DATE	APPROVED

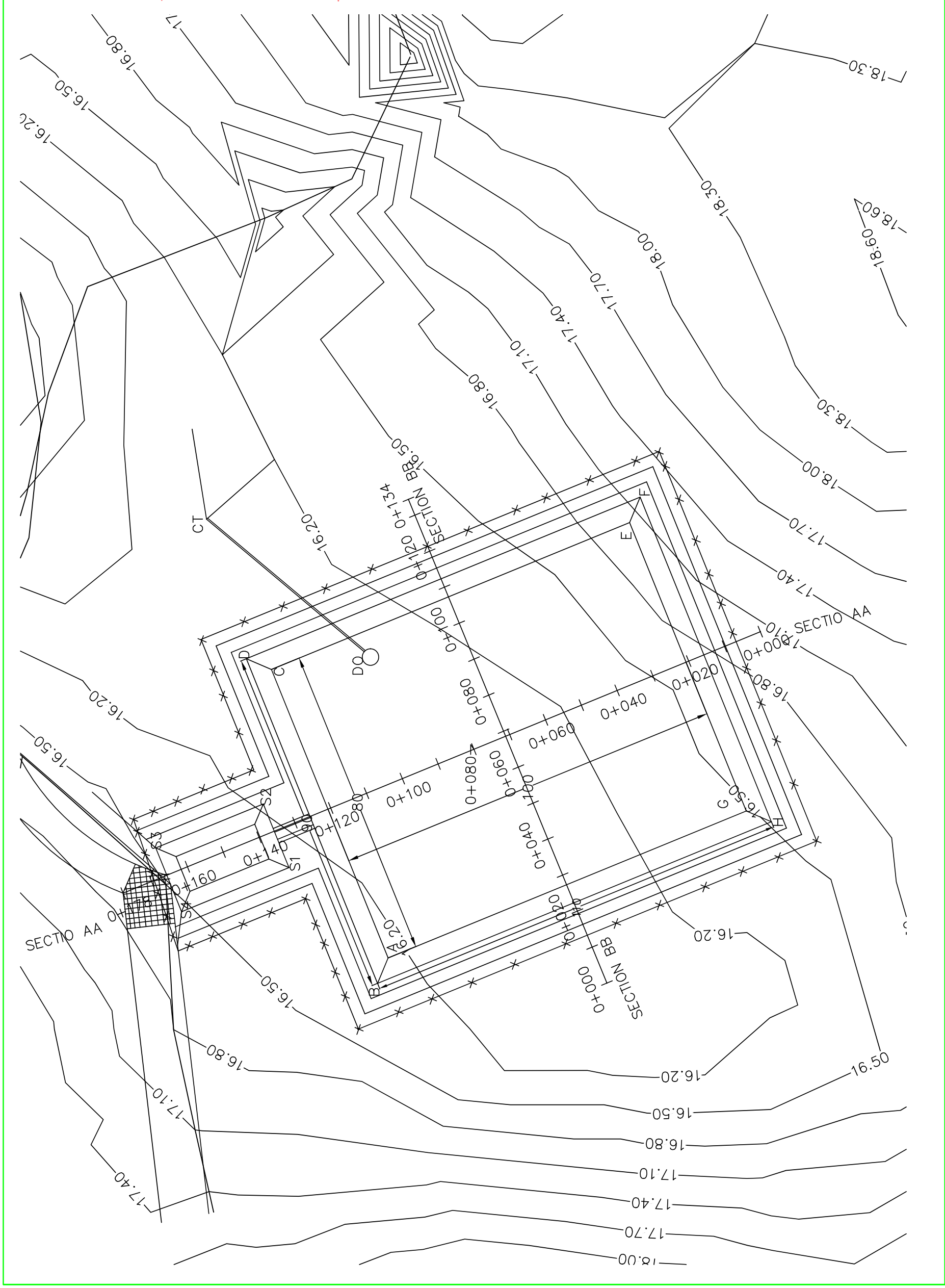
PROJECT:
WASH-COMMUNITY RESILIENCE BUILDING IN LIVELIHOOD & DISASTER RISK MANAGEMENT (REBUILD) IN TANU-RIVER COUNTY



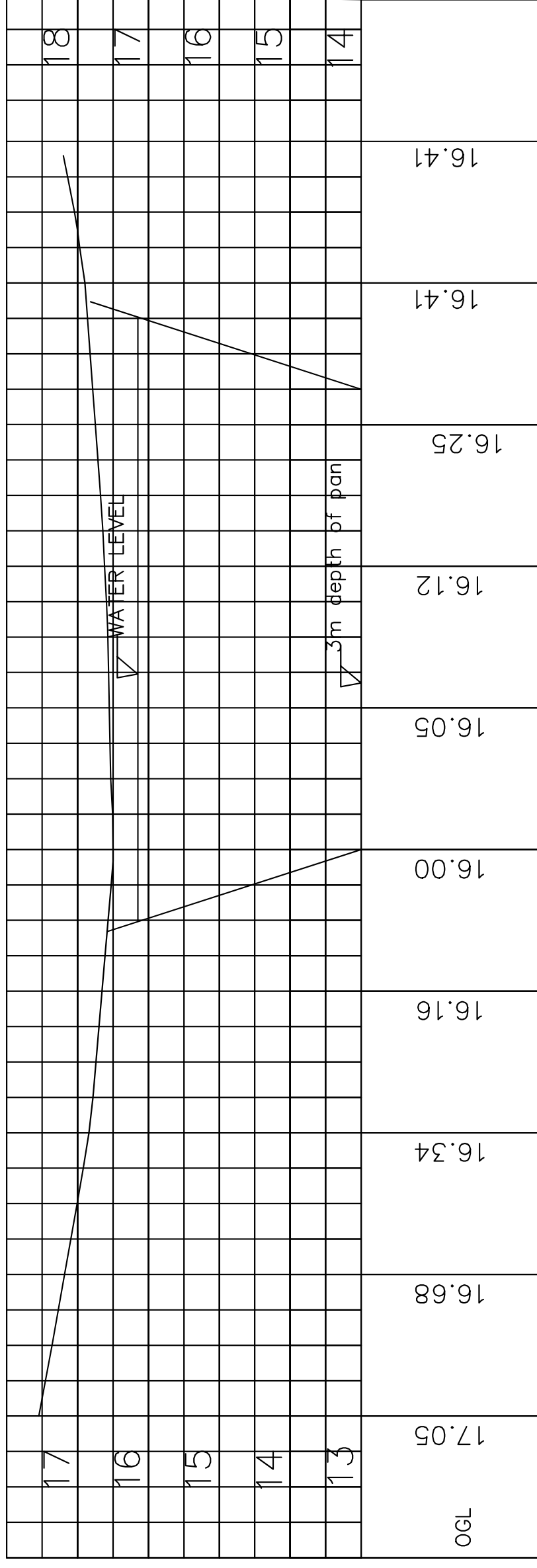
INTERNATIONAL COMMITTEE FOR DEVELOPMENT OF PEOPLE
NAIROBI OFFICE # 117
MANYANI EAST ROAD, OFF. JAMES GICHURU, LAVINGTON, NAIROBI - KENYA
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WATER PAN PROJECT
Scale: 1:200 Date: JUNE 2022
DWG NO: TANU RIVER 2022 4/8

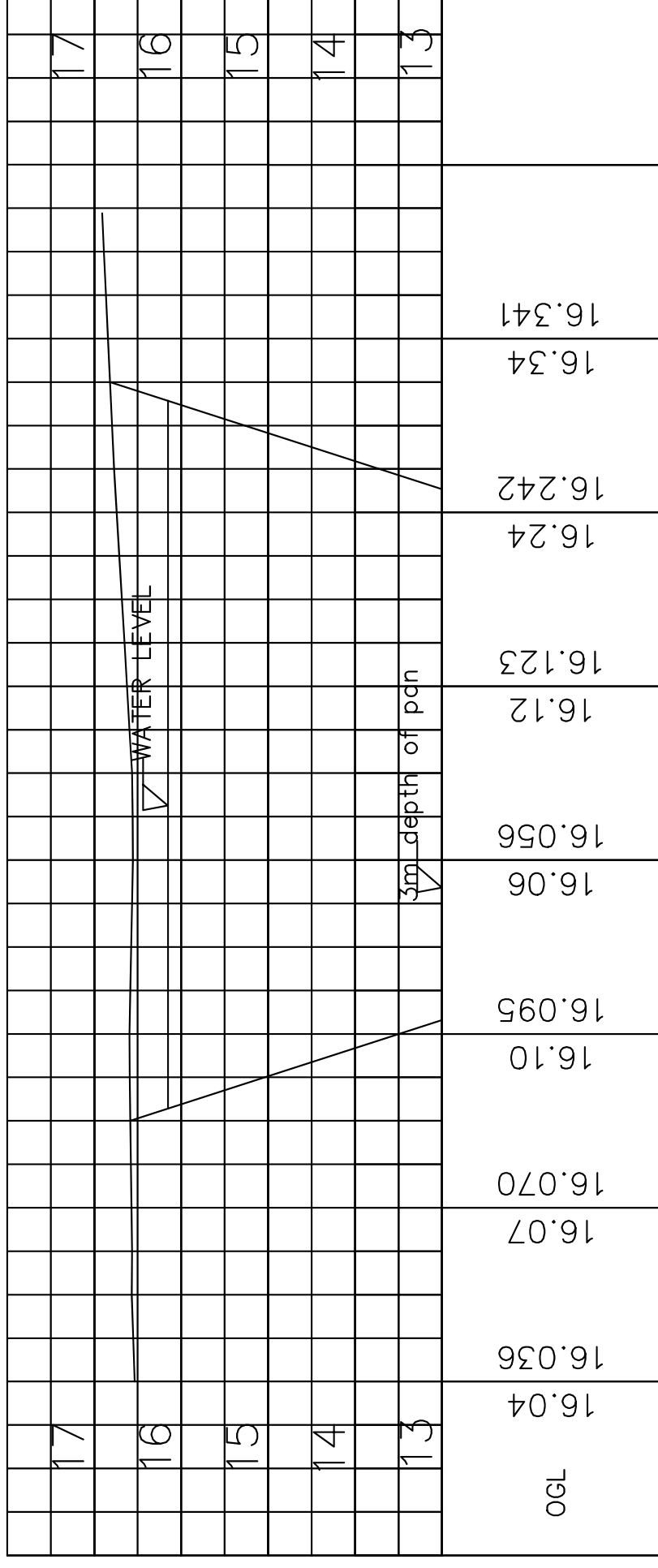


section A--A PROFILE



CHAINAGE 0+000 0+020 0+040 0+060 0+080 0+100 0+120 0+140 0+160 0+180

section B--B PROFILE



CHAINAGE 0+000 0+020 0+040 0+060 0+080 0+100 0+120 0+140

NOTES:

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LEGEND:-



NORTH



SURVEY BENCHMARK

NO	REVISIONS	BY	DATE	APPROVED
4				
3				
2				
1				

PROJECT: WASH-COMMUNITY RESILIENCE BUILDING IN LIVELIHOOD & DISASTER RISK MANAGEMENT (REBUILD) IN TANA-RIVER COUNTY

CISP INTERNATIONAL COMMITTEE FOR DEVELOPMENT OF PEOPLE
 NAIROBI OFFICE # 117
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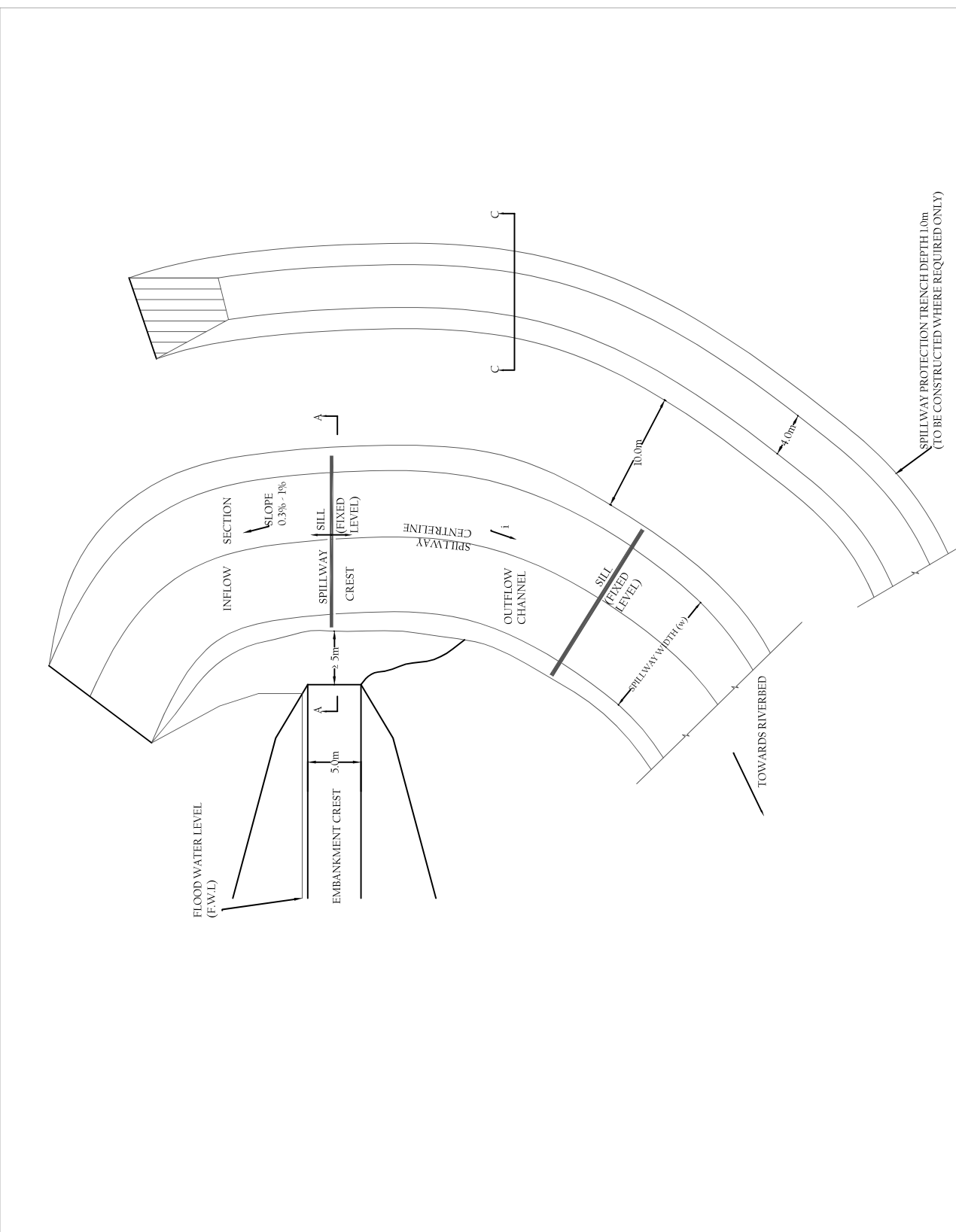
WATER PAN PROJECT

NOTES:
 1. All Levels are in metres based on National Datum.
 2. Dimensions are in meters unless otherwise specified.

LEGEND:-

NORTH

SURVEY BENCHMARK



NO.	REVISION	DATE	BY	CHKD
1	ISSUED FOR TENDERS	15/05/2024	J.M.B	J.M.B
2	FOR APPROVAL	15/05/2024	J.M.B	J.M.B
3	FOR APPROVAL	15/05/2024	J.M.B	J.M.B
4	FOR APPROVAL	15/05/2024	J.M.B	J.M.B

WASH-COMMUNITY RESILIENCE BUILDING IN UPELHOOD & DISASTER RISK MANAGEMENT (REBUILT) IN TANZANIA COUNTY

CISP
 ACTION AFRICA HELP KENYA
 P.O BOX 76598-00208
 1st FLOOR
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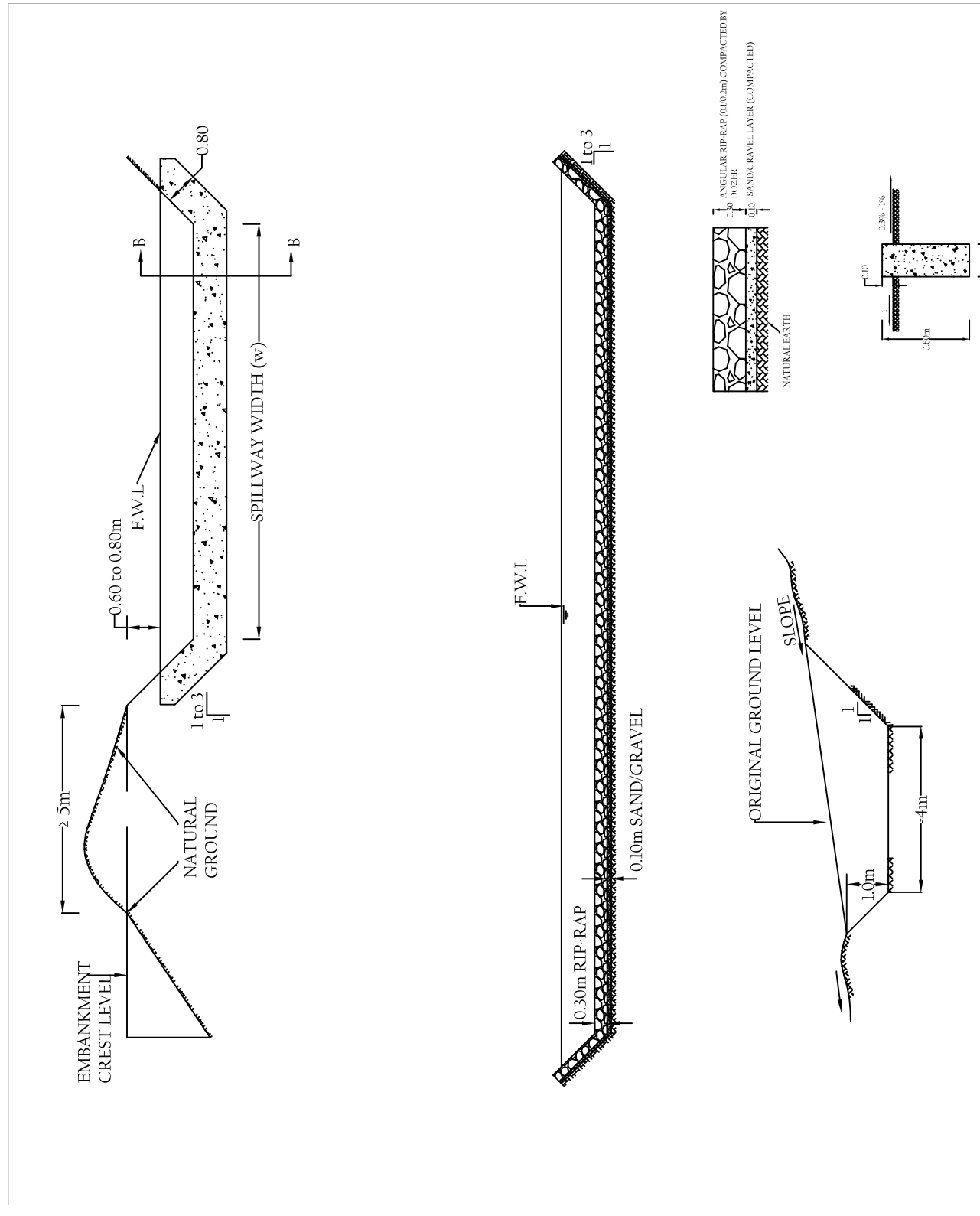
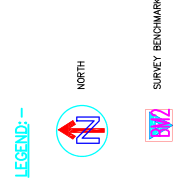
PROJECT: TANZANIA COUNTY

DATE: 15/05/2024

SCALE: 1:50

PROJECT NO: 15/05/2024

NOTES:
 1. All Levels are in metres based on National Datum.
 2. All dimensions are in meters unless otherwise specified.



NO.	REVISION	DATE	BY	CHKD BY
1	ISSUED FOR TENDERS	15/05/2022	RAMSISO	RAMSISO
2	FOR APPROVAL	15/05/2022	RAMSISO	RAMSISO
3	FOR APPROVAL	15/05/2022	RAMSISO	RAMSISO
4	FOR APPROVAL	15/05/2022	RAMSISO	RAMSISO
5	FOR APPROVAL	15/05/2022	RAMSISO	RAMSISO
6	FOR APPROVAL	15/05/2022	RAMSISO	RAMSISO

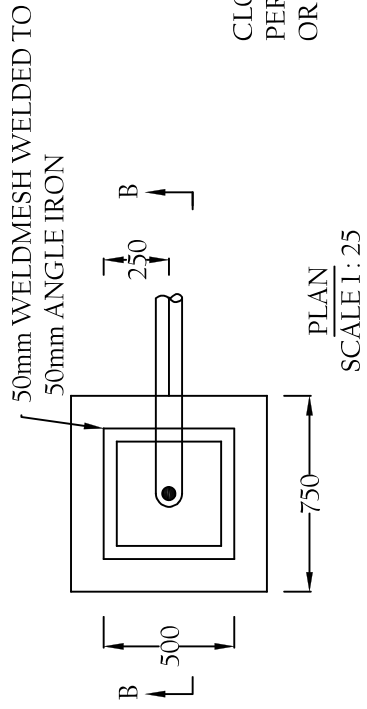
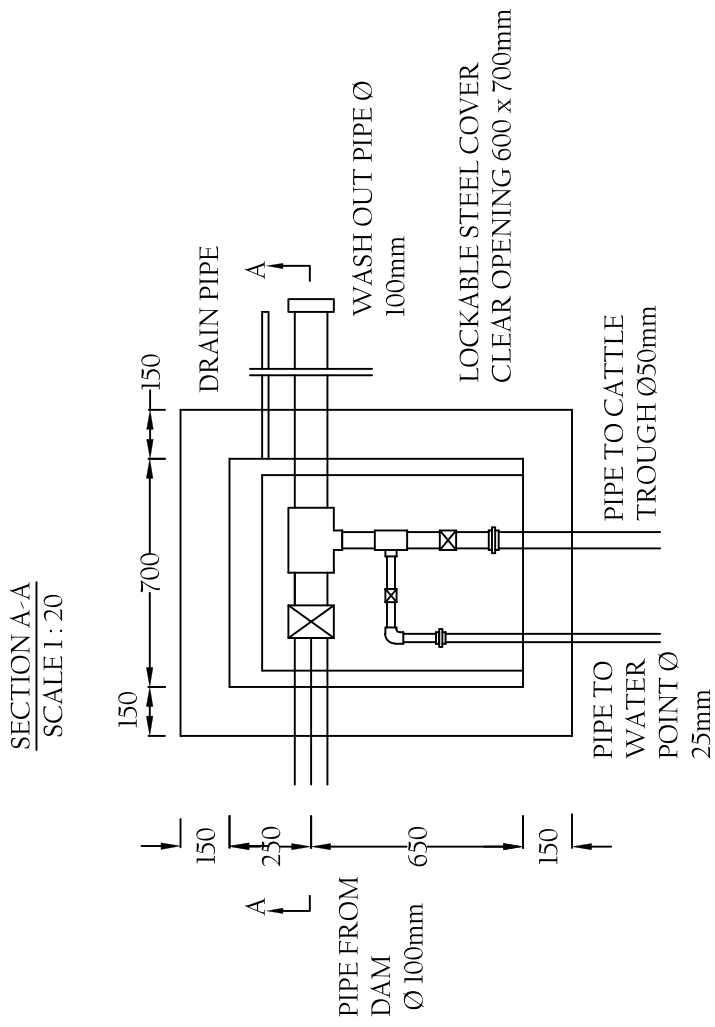
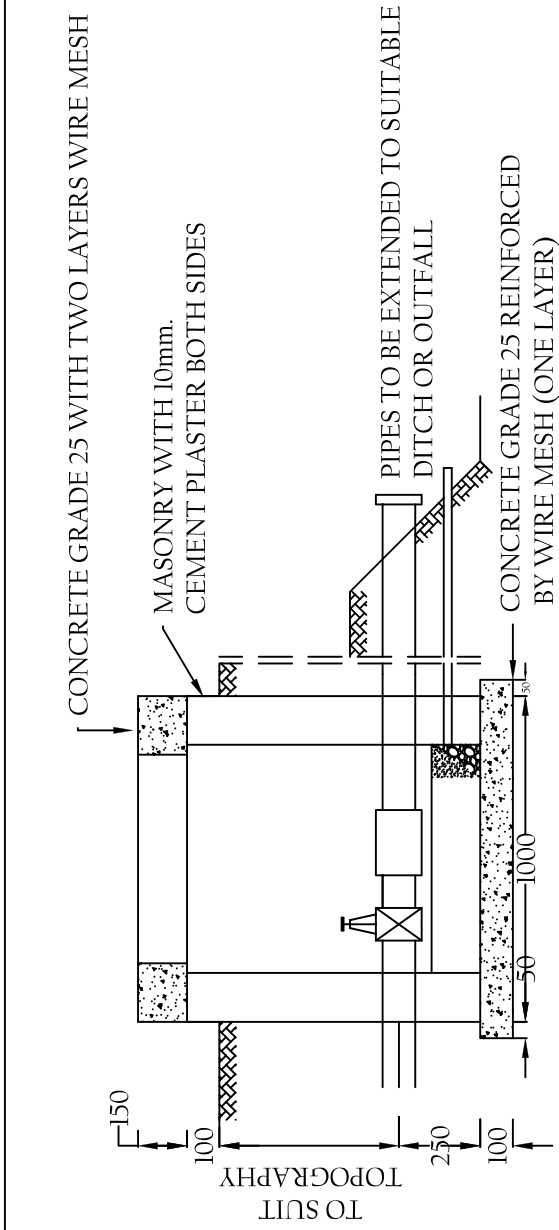
PROJECT:
 WASH-COMB WITH RESILIENCE BUILDING IN UHAPURU DISTRICT MASTER PLAN (REBUILD IN TANA-RIVER COURT)

CLIENT:
 ACTION AFRICA HELP KENYA
 P.O BOX 76598-00508
 III PLAZA 7TH FLOOR
 NAIROBI, KENYA
 TEL: +254 20 2720000
 WWW.ACTIONAFRICAHELP.ORG
 MYSA@ACTIONAFRICAHELP.ORG

CONSULTANT:
 INDIVIDUAL CONSULTANT
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 Telephone: +254 - 72267042 Email: ramesiso@yahoo.com

PROJECT TITLE:
WATER PAN PROJECT

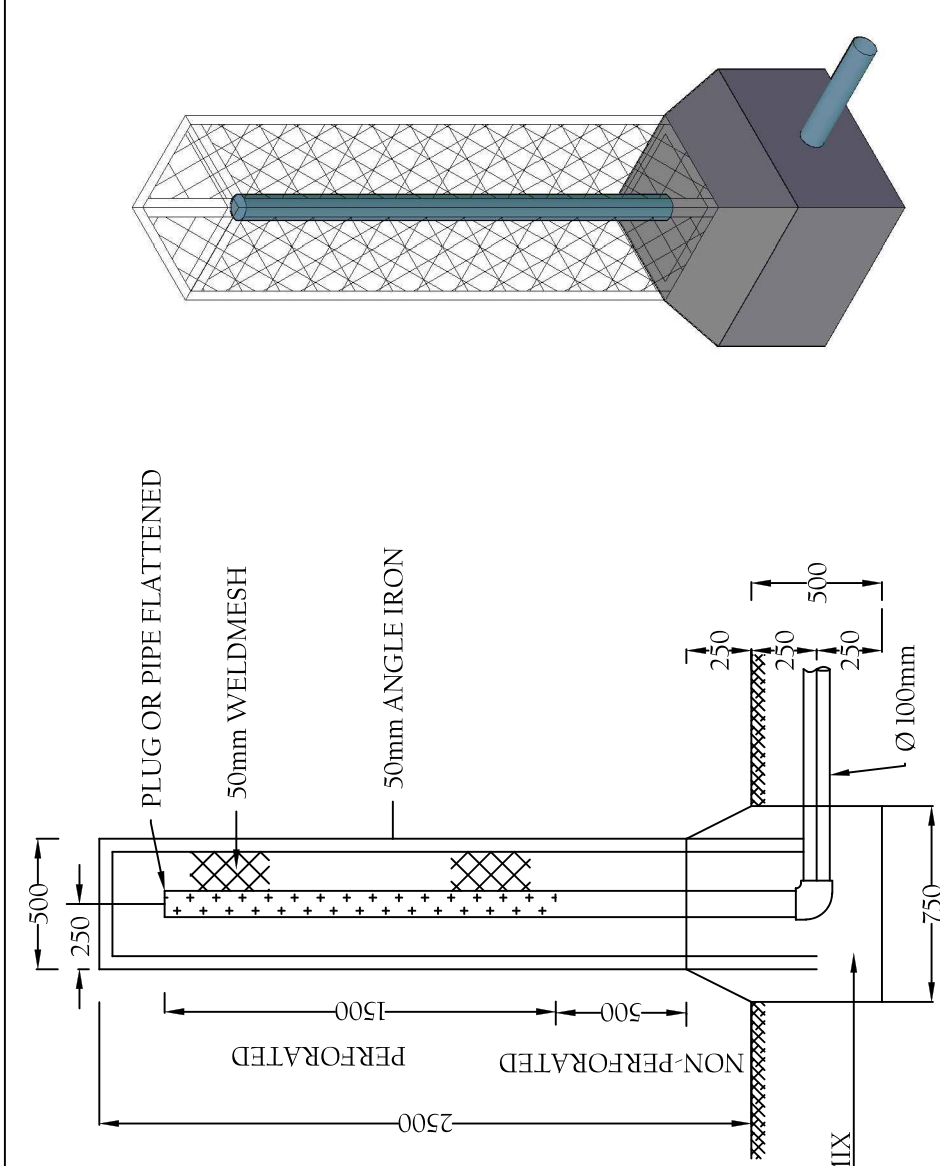
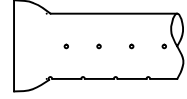
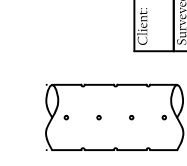
DATE: 15/05/2022
SCALE: AS SHOWN
PROJECT NO.: 48
REVISION: 6



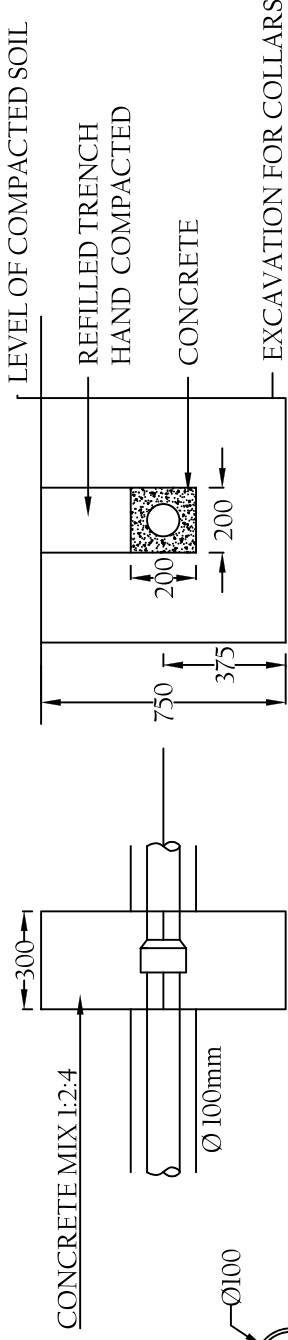
CLOSING TOP END PERFORATED PIPE OR SOLID PLUG

PERFORATED PIPE 5mm HOLES EVERY 5cm

SCALE 1:10



INTAKE STRUCTURE



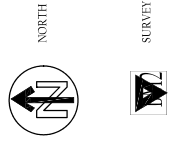
COLLARS AROUND EVERY JOINT UNDER EMBANKMENT PIPE TO BE LAID IN EXCAVATION TRENCH EMBEDDED IN CONCRETE 1:2:4 300mm DEPTH IN EXCAVATION, NO SHUTTERING TO

Client:	
Surveyed By:	
Drawn By:	
Designed By:	
Checked By:	
Approved By:	
Scale:	AS SHOWN
Project:	
Drawing Title:	INTAKE, DRAW OFF AND VALVE CHAMBER FOR SMALL EARTH DAMS
Drawing No:	
Rev:	05

NOTES:

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LEGEND:



REV	REVISIONS	BY	DATE	APPROVED
1	CHECKED			
2	CHECKED			
3	CHECKED			
4	CHECKED			

PROJECT: WASH-COMMUNITY RESILIENCE BUILDING IN LEVELHOOD & DISASTER RISK MANAGEMENT (REBUILD) IN TANU-RIVER COUNTY

CLIENT:

ACTION AFRICA HELP KENYA
P.O BOX 76598-00508
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nyk@actionafricahelp.org

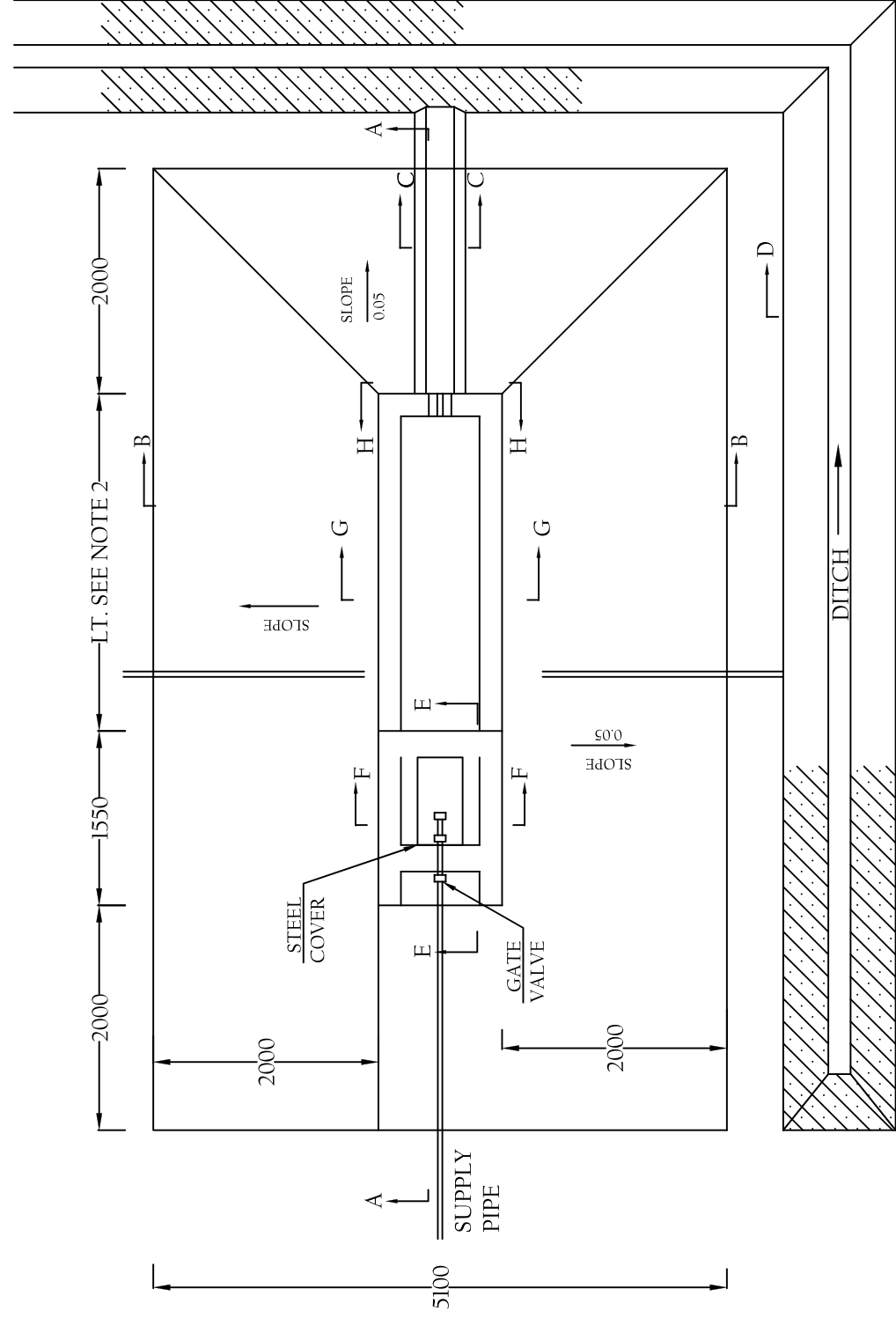
CONSULTANT:

INDIVIDUAL CONSULTANT
ENG. JMR
P.O BOX 72398-0200
Nairobi, Kenya
Telephone: +254 - 72247042 Email: ramesh@yahoo.com

Drawing Title:

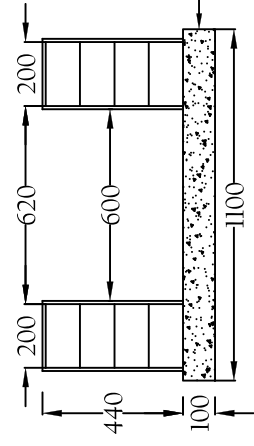
Scale: 1:2000 Date: JUNE 2022
DWG NO: TANA RIVER 2022 SHEET NO: 0

DITCH LEADING TO RIVER OR DEPRESSION



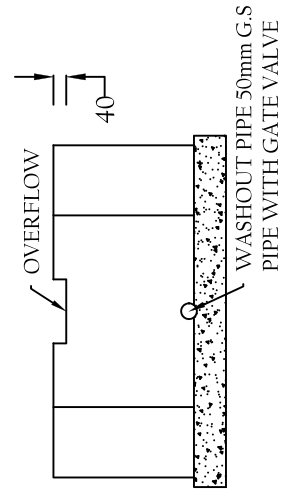
PLAN
SCALE 1:50

DITCH IS ONLY REQUIRED IF SURROUNDING AREA SLOPES TOWARDS TROUGH

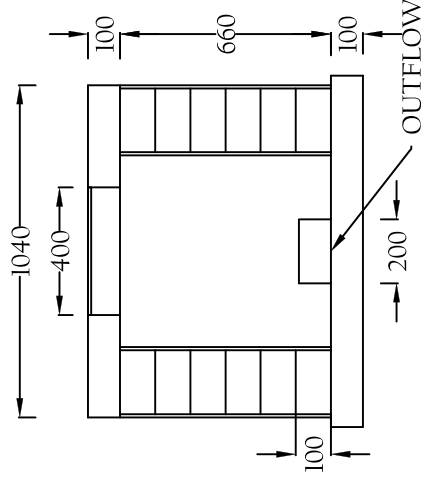


SECTION G-G
SCALE 1:20

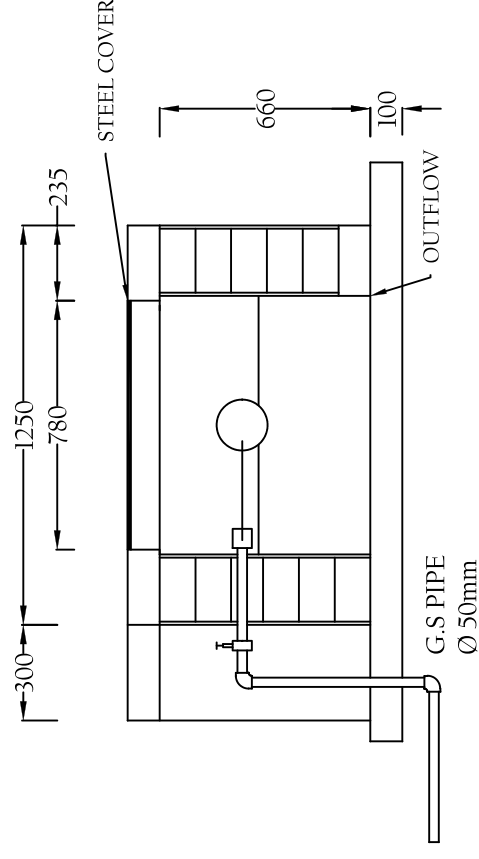
CONCRETE 1:2.4 REINFORCED BY WIRE MESH



FRONT VIEW H-H
SCALE 1:20



SECTION F-F
SCALE 1:20



SECTION E-E
SCALE 1:20

NOTES:

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2. All dimensions are in metres unless otherwise specified.

LEGEND:-



NORTH



SURVEY BENCHMARK

REV	REVISIONS	BY	CHECKED	DATE	APPROVED
4			CHECKED		
3			CHECKED		
2			CHECKED		
1			CHECKED		

PROJECT:
WASH-COMMUNITY RESILIENCE BUILDING IN LIVELIHOOD & DISASTER RISK MANAGEMENT (REBUILD) IN TANANARIVE COUNTY

CLIENT:



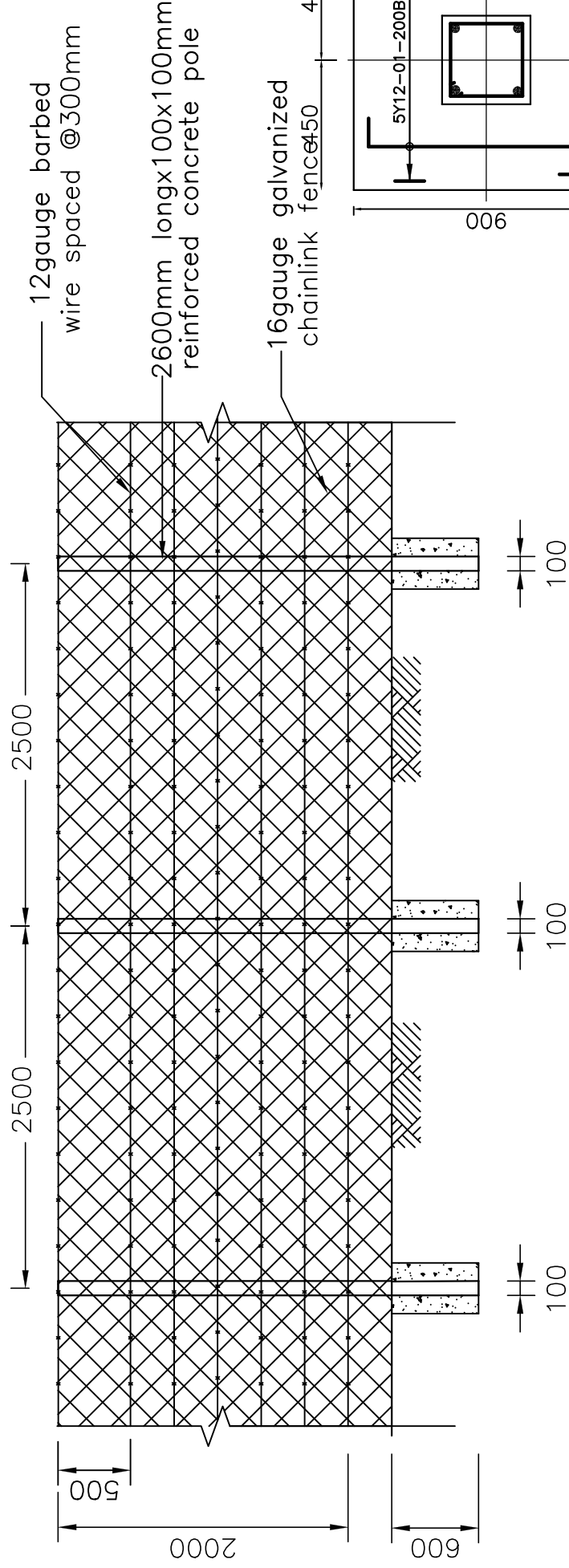
ACTION AFRICA HELP KENYA
P.O. BOX 25000
100032 21st FLOOR
Nairobi, KENYA
T: +254-798865925
mya@actionafricahelp.org

CONSULTANT:

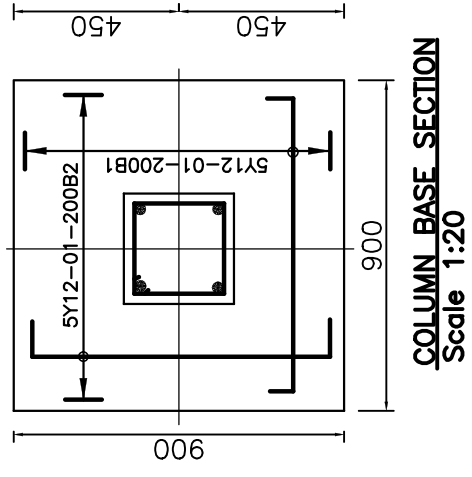
INDIVIDUALCONSULTANT
ENG. JMR
P.O. BOX 72398-0200
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Email: jmr@icso.com

Drawing Title: WATER PAN

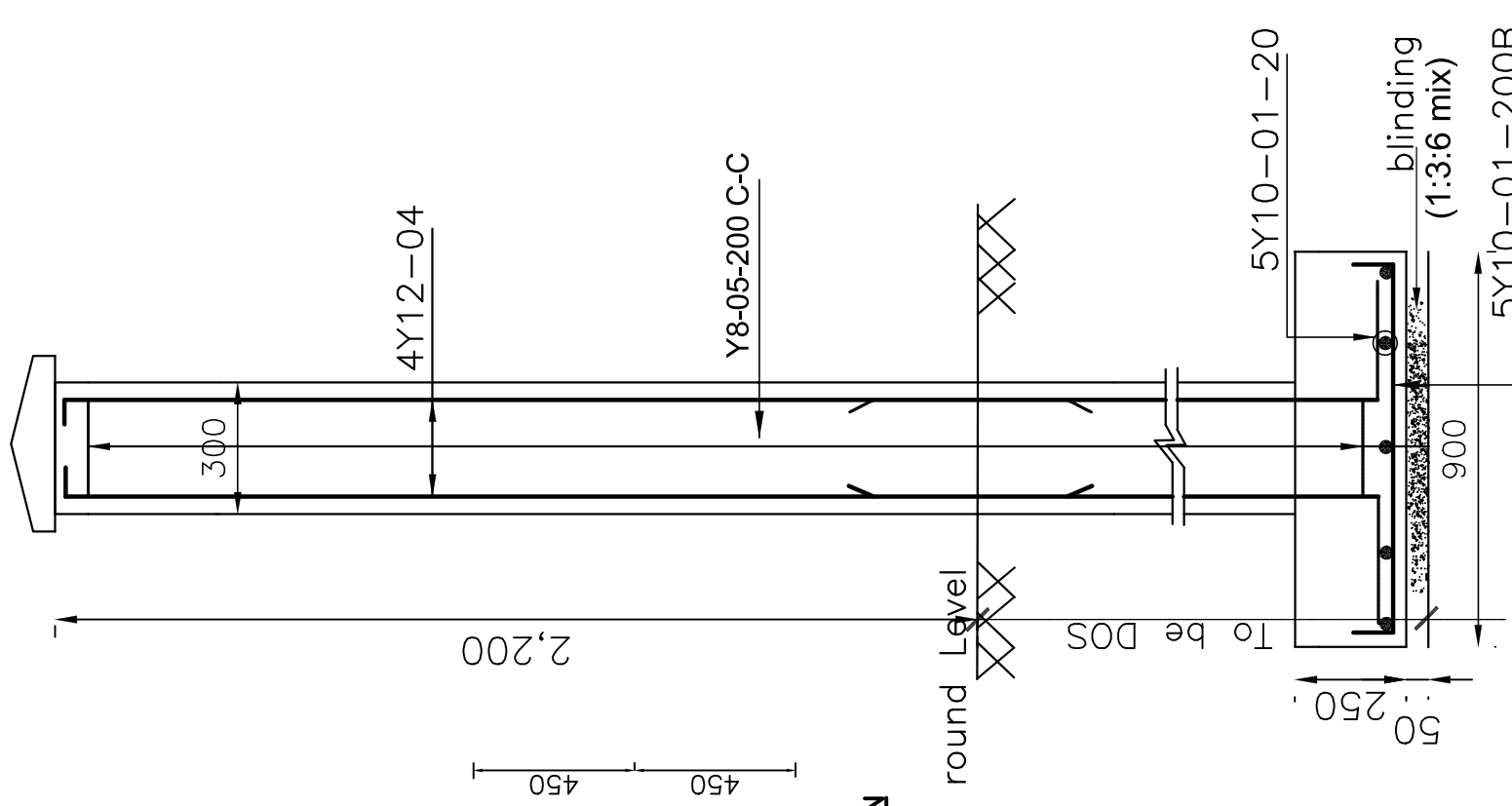
Scale: 1:2000
Date: JUNE 2022
DWG NO.: TANA RIVER
SHEET NO.: 0



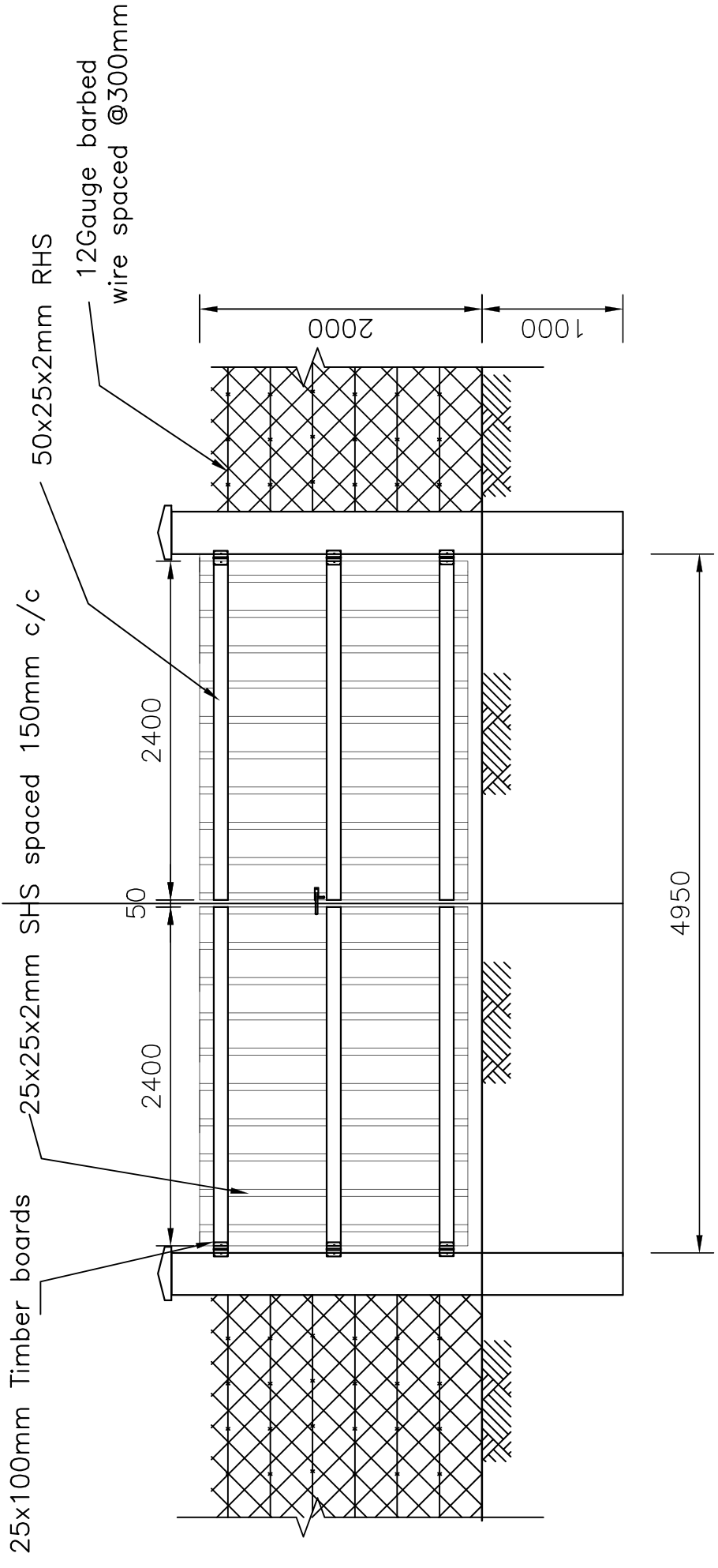
Typical Details of the Fence
Scale: 1:20



COLUMN BASE SECTION
Scale 1:20



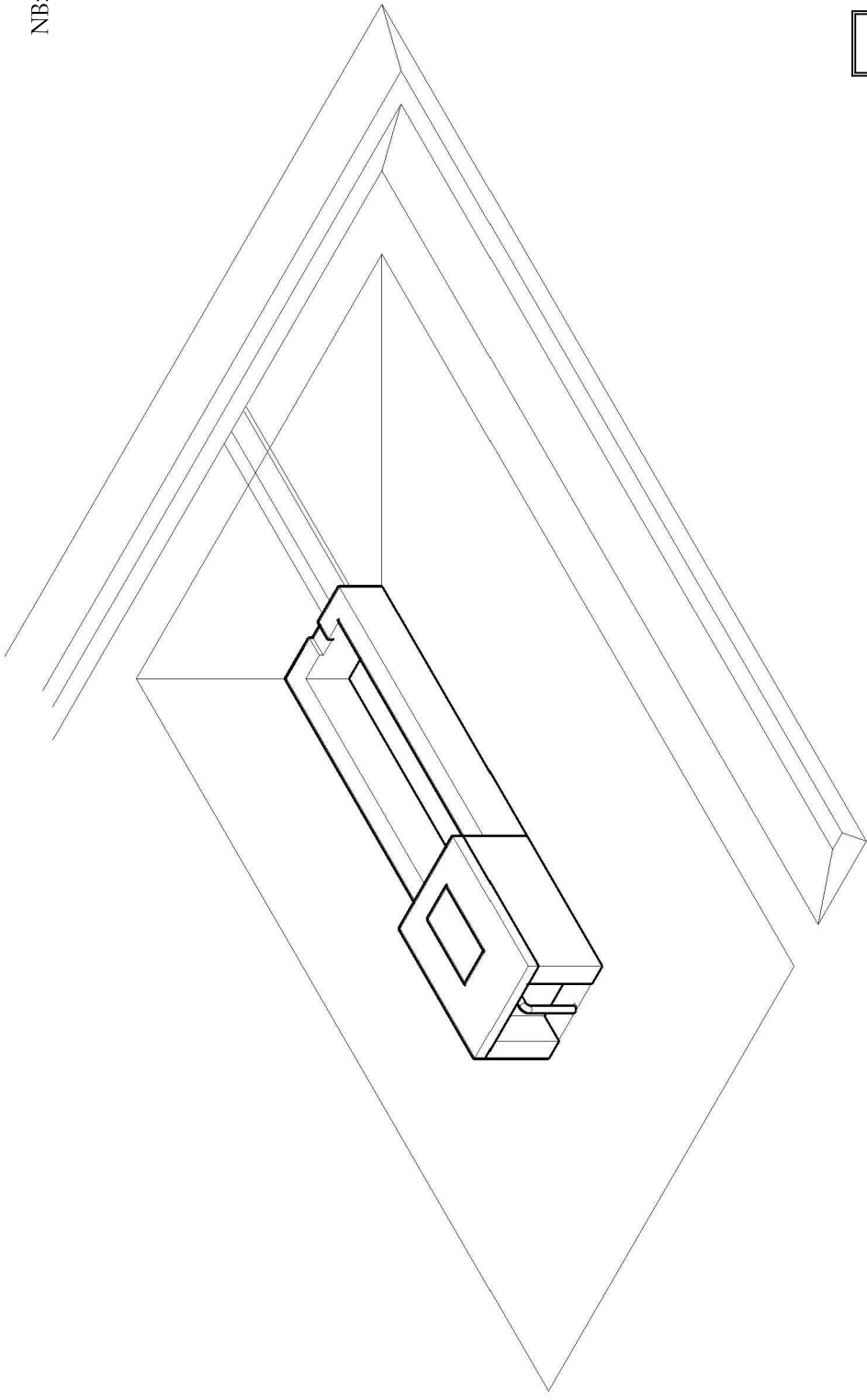
Column Details



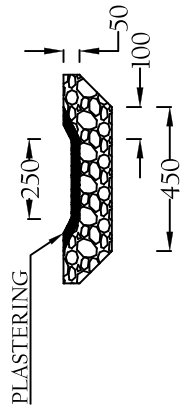
Details of the Gate

Project:	PROPOSED	Water Pan
Client:	CISP COMITATO INTERNAZIONALE PER LO SVILUPPO DEI POPOLI.	
Consultant:	INDIVIDUAL CONSULTANT: JMR	
Drawing Title:	FENCE & GATE DETAILS	
Drawing No:	Rev:	Sheet:

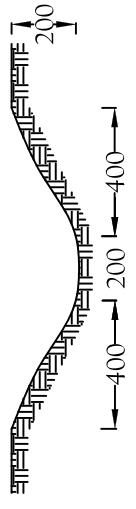
- NB:
- STRUCTURE IN 400 x 200 x 100mm CEMENT BLOCKS PLASTERED 1:3 MIX ON ALL SHOWING SURFACES
 - LENGTH OF TROUGH ACCORDING TO EXPECTED HERD SIZES
 L.T = 5,00m - SMALL CATTLE HERDS, GOATS AND SHEEP
 L.T = 10,00m - BIG CATTLE HERDS



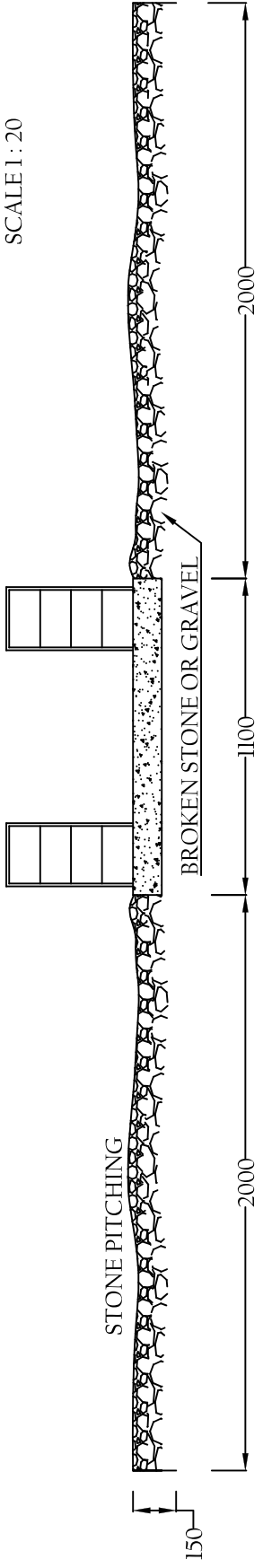
ISOMETRIC VIEW
SCALE 1 : 50



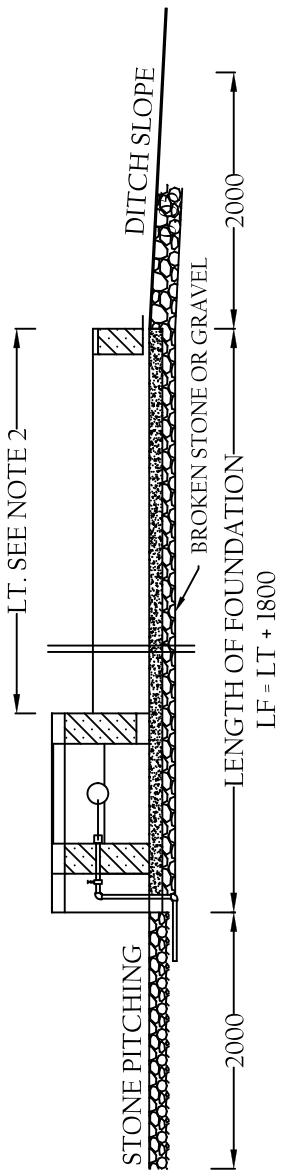
SECTION C-C
SCALE 1 : 20



SECTION D-D
SCALE 1 : 20



SECTION B-B
SCALE 1 : 50

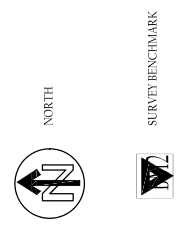


SECTION A-A
SCALE 1 : 50

NOTES:

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LEGEND:-



REV	REVISIONS	BY	CHECKED	DATE	APPROVED
4			CHECKED		
3			CHECKED		
2			CHECKED		
1			CHECKED		

PROJECT: WASH-COMMUNITY RESILIENCE BUILDING IN LIVELIHOOD & DISASTER RISK MANAGEMENT (REBUILD) IN TANAHERI COUNTY
 CLIENT:

ACTION AFRICA HELP KENYA
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Drawing Title: WATER PAN PROJECT
 Scale: 1:2000
 Date: JUNE 2022
 SHEET NO: 0
 DWG NO: TANA/2022
 REVISION:

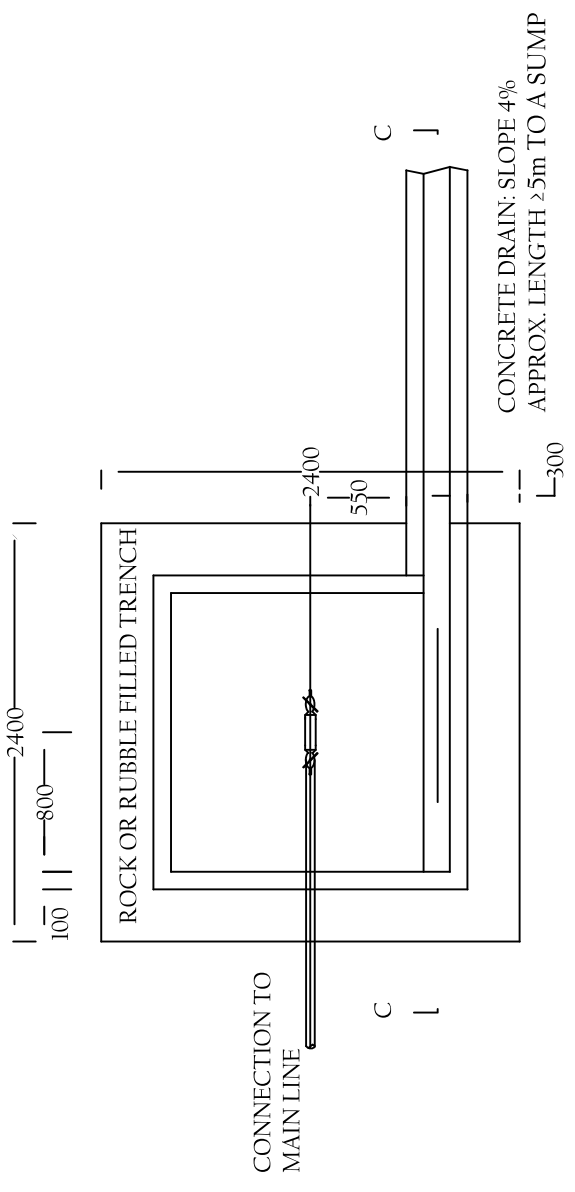
NOTES:

- All Levels are in metres based on National Datum
- Griddines are based on U.T.M system
- The location of pipes from edges of roads, plot boundaries and fences as shown are approximate, the actual location will be determined on site by the Engineers representative
- Precise location of Sluice Valves, Air Valves, Washouts, Fire Hydrants, and other Valves will be determined on site by the Engineer's Representative
- Exact Location of underground services to be crossed by pipelines to be determined by the Contractor with assistance from the relevant authority and full responsibility for any damage lies with the Contractor
- Minimum cover up all pipes to be 0.5m

LEGEND:-

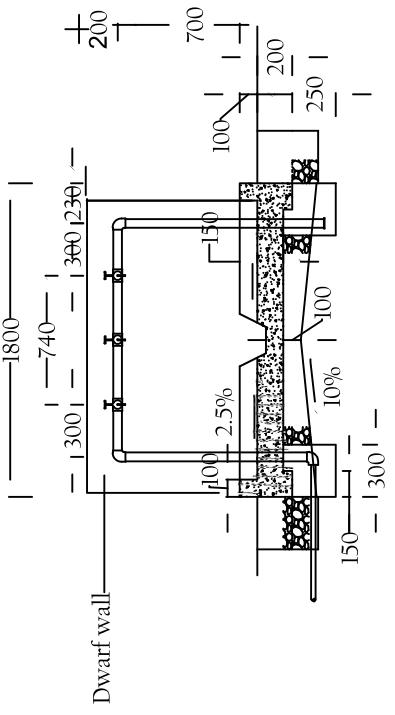


0+100 CHAINAGE

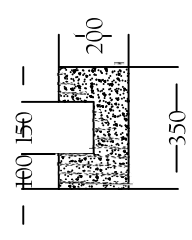


PLAN 2 TAP CWP
SCALE 1:40

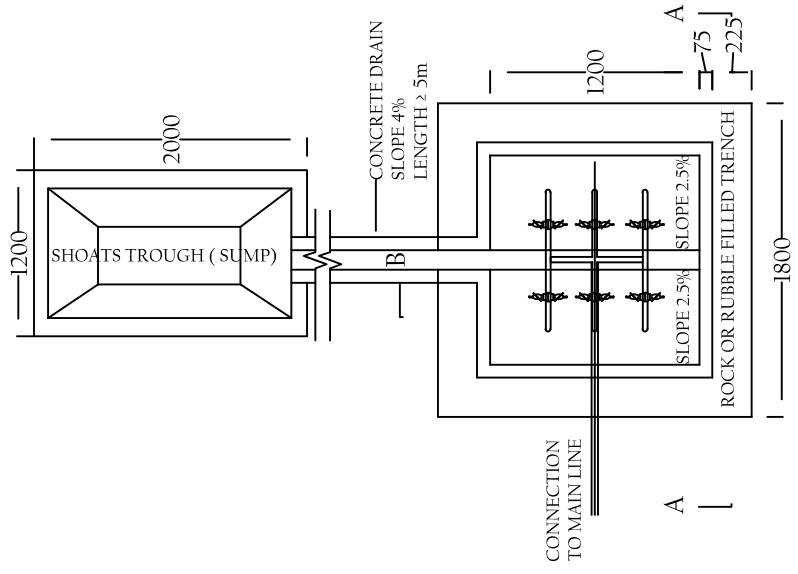
CONCRETE DRAIN: SLOPE 4%
APPROX. LENGTH 5m TO A SUMP



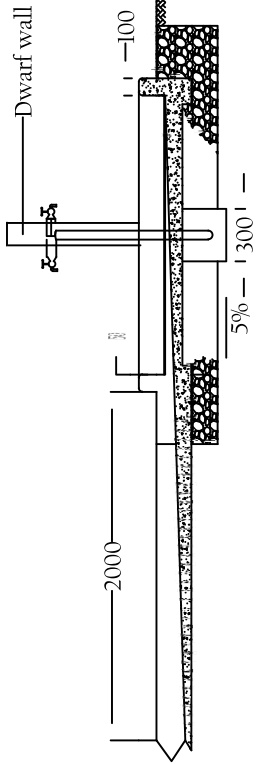
SECTION A-A
SCALE 1:40



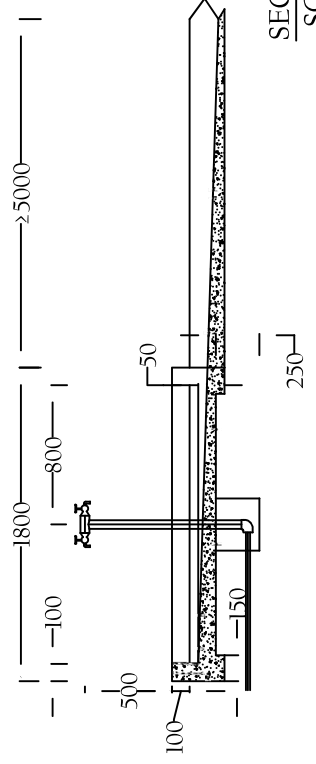
SECTION THROUGH DRAIN
SCALE 1:40



PLAN 6 TAP CWP
SCALE 1:40



SECTION B-B
SCALE 1:40



SECTION C-C
SCALE 1:40

REV	REVISIONS	BY	DATE	APPROVE
4		CHRODEN		
3		BT		
2		CHRODEN		
1		BT		

PROJECT: WASH-COMMUNITY RESILIENCE BUILDING IN LEVELHOOD & DISASTER RISK MANAGEMENT (RESIL) IN NAKURUR COUNTY
CLIENT:

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P.O. BOX 72398-0200
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mya@actionafricahelp.org

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Drawing Title: COMMUNAL WATER POINT

Scale: 1:5000	Date: JUNE 2022
REV	0