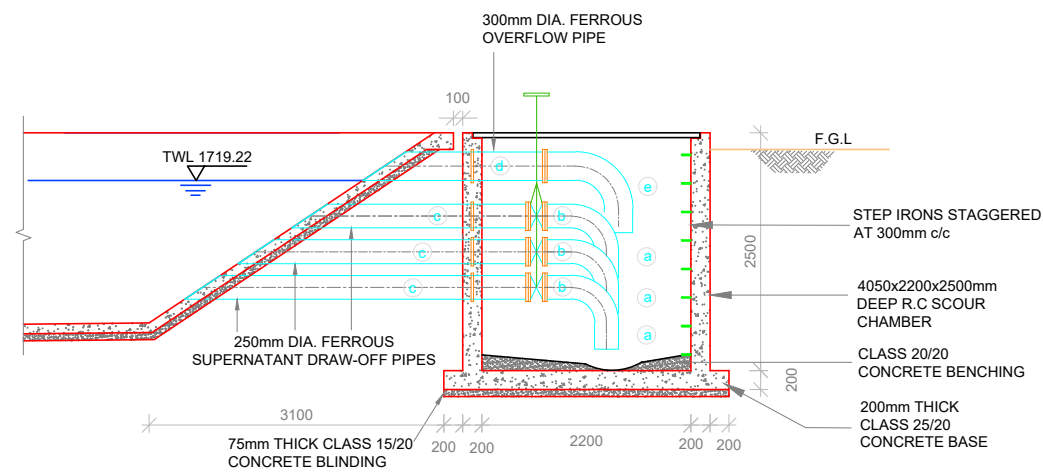


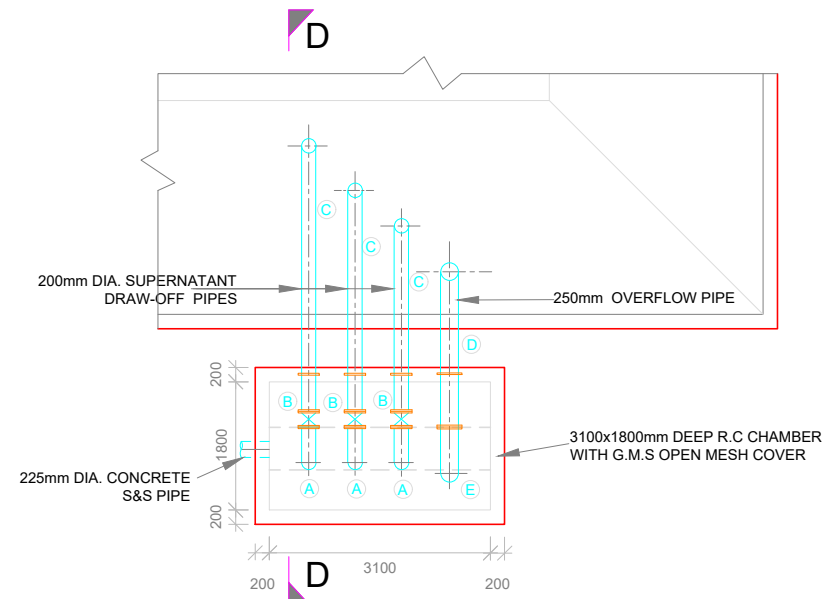
**BACKWASH WATER LAGOON  
SUPERNATANT DRAW-OFF AND OVERFLOW PIPEWORK - PLAN**  
SCALE 1:100



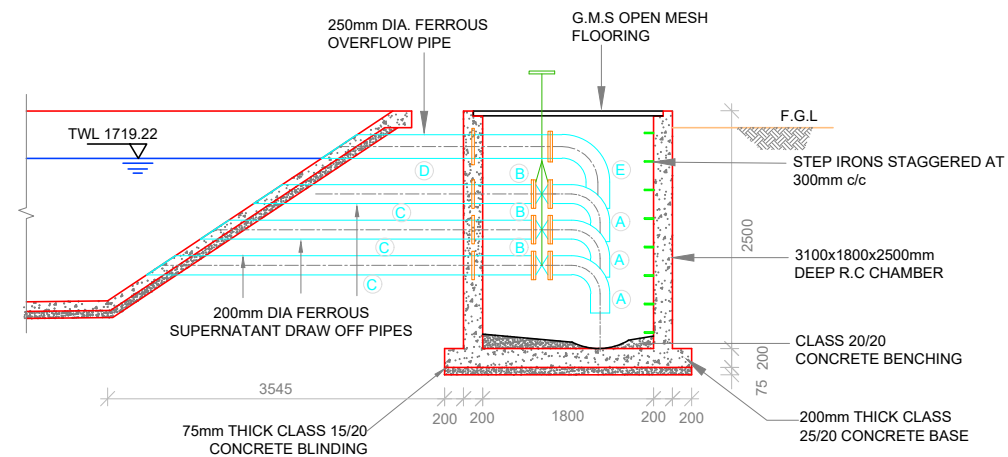
**BACKWASH WATER LAGOON  
SUPERNATANT DRAW-OFF AND OVERFLOW PIPEWORK - SECTION C-C**  
SCALE 1:75

**BACKWASH WATER LAGOON  
SUPERNATANT DRAW-OFF AND OVERFLOW PIPEWORK SCHEDULE**  
(APPROVED LINED FERROUS PIPES AND FITTINGS)

ITEM No.	DESCRIPTION	DIA. (mm)	LENGTH (mm)	QUANTITY (No.)
(a)	SINGLE FLANGED 90° BEND	250	650	3
(b)	ALL FLANGED GATE VALVE WITH EXTENDED SPINDLE AND WHEEL	250	250	3
(c)	FLANGED SPIGOT PIPE WITH PUDDLE FLANGE AT 750mm FROM FLANGED END AND WITH SPIGOT END BEVELLED (CUT TO SUIT ON SITE)	250	2400 2950 3550	1 1 1
(d)	FLANGED SPIGOT PIPE WITH PUDDLE FLANGE AT 750mm FROM FLANGED END AND WITH SPIGOT END BEVELLED (CUT TO SUIT ON SITE)	300	1750	1
(e)	SINGLE FLANGED 90° BEND	300	700	1



**SLUDGE LAGOON  
SUPERNATANT DRAW-OFF AND OVERFLOW PIPEWORK - PLAN**  
SCALE 1:100



**SLUDGE LAGOON  
SUPERNATANT DRAW-OFF AND OVERFLOW PIPEWORK - SECTION D-D**  
SCALE 1:75

**SLUDGE LAGOON  
SUPERNATANT DRAW-OFF AND OVERFLOW PIPEWORK SCHEDULE**  
(APPROVED LINED FERROUS PIPES AND FITTINGS)

ITEM No.	DESCRIPTION	DIA. (mm)	LENGTH (mm)	QUANTITY (No.)
(A)	SINGLE FLANGED 90° BEND	200	500	3
(B)	ALL FLANGED GATE VALVE WITH EXTENDED SPINDLE AND WHEEL	200	230	3
(C)	FLANGED SPIGOT PIPE WITH PUDDLE FLANGE AT 565mm FROM FLANGED END AND WITH SPIGOT END BEVELLED (CUT TO SUIT ON SITE)	200	2850 3450 4050	1 1 1
(D)	FLANGED SPIGOT PIPE WITH PUDDLE FLANGE AT 565mm FROM FLANGED END AND WITH SPIGOT END BEVELLED (CUT TO SUIT ON SITE)	250	2350	1
(E)	SINGLE FLANGED 90° BEND	250	650	1

**NOTES:**

- DIMENSIONS IN mm UNLESS OTHERWISE SPECIFIED
- ALL EXPOSED CONCRETE EDGES TO HAVE A 25mm x 25mm CHAMFER
- ALL JOINTS BETWEEN WALLS AND FLOOR TO HAVE A BENCHING NOT EXCEEDING 200mm THICK TO SMOOTHEN SHARP CORNERS
- CONCRETE WORKS: ALL REINFORCED CONCRETE TO BE CLASS 25/20 EXCEPT WHERE OTHERWISE SPECIFIED
- ABBREVIATIONS
  - C/C - CENTRE TO CENTRE
  - R.C - REINFORCED CONCRETE
  - E.G.L - EXISTING GROUND LEVEL
  - F.G.L - FINISHED GROUND LEVEL
  - F.F.L - FINISHED FLOOR LEVEL
  - P.C.C - PRECAST CONCRETE
  - G.M.S - GALVANIZED MILD STEEL
  - C.I - CAST IRON
- THIS DRAWING IS TO BE USED FOR PIPEWORK DETAILS

CLIENT: **THE CHIEF EXECUTIVE OFFICER  
TANA WATER WORKS  
DEVELOPMENT AGENCY**  
P.O BOX 1292 - 10100,  
NYERI, KENYA

ENGINEERS: **THE CHIEF MANAGER  
TECHNICAL SERVICES  
TANA WATER WORKS  
DEVELOPMENT AGENCY**  
P.O BOX 1292 - 10100,  
NYERI, KENYA

PROJECT TITLE:

**TETU AGUTHI WATER SUPPLY**

DRAWING TITLE:

**TETU WATER TREATMENT WORKS  
BACKWASH WATER LAGOON AND SLUDGE  
LAGOON SUPERNATANT DRAW-OFF AND  
OVERFLOW PIPEWORK**

Designed by: R.M.N. Drawn by: R.M.N.

Checked by: J.M.M Approved by: D.N.M

Scale: 1:120 Date: JAN 2024

DRG No. **TAWP/BWSL/04**