

OD 200mm uPVC OVERFLOW PIPE TO SITE DRAINAGE CHAMBER

# **RECIRCULATION PUMP CHAMBER - PLAN**

200

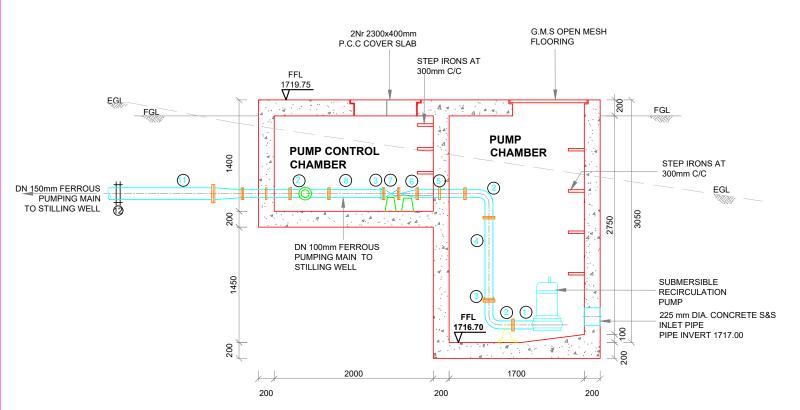
1500

STEP IRONS

STAGGERED

AT 300mm c/c

200



## **RECIRCULATION PUMP CHAMBER** SECTION E -E

#### **DELIVERY PIPEWORK SCHEDULE** (APPROVED LINED FERROUS PIPES)

ITEM NO.	DESCRIPTION	DIA. (mm)	LENGTH (mm)	QUANTITY (No.)
1)	FLANGED SPIGOT PIPE (CUT TO SUIT ON SITE)	100	400	2
2	ALL FLANGED 90° BEND	100	300 100Ø	6
3	FLANGE ADAPTOR	100	-	4
4	FLANGED SPIGOT PIPE	100	1200	2
⑤	DOUBLE FLANGED PIPE WITH PUDDLE FLANGE AT 300mm FROM ONE END	100	600	3
6	ALL FLANGED CHECK VALVE	100	235	2
7	ALL FLANGED GATE VALVE	100	190	2
8	FLANGED SPIGOT PIPE	100	685	2
9	ALL FLANGED TEE	100 x 100 x 100	1000	1
10	ALL FLANGED CONCENTRIC TAPER	150/100	365 100Ø 150Ø	1
(11)	FLANGED SPIGOT PIPE	150	1200	1
(12)	COUPLING	150	-	1

### SCOUR AND OVERFLOW PIPEWORK SCHEDULE -(APPROVED LINED FERROUS PIPES)

ITEM NO.	DESCRIPTION	DIA. (mm)	LENGTH (mm)	QUANTITY (No.)
i	FLANGED SPIGOT 90° BEND WITH PUDDLE FLANGE AT 100mm FROM SPIGOT END	150	00 150Ø 150Ø	1
ii	FLANGED PIPE (CUT TO SUIT ON SITE)	150	800	1
(iii)	ALL FLANGED 45° BEND	150	150Ø 08 150Ø	1
iv	FLANGED SPIGOT PIPE WITH SPIGOT END BEVELLED (CUT TO SUIT ON SITE)	150	920	1
V	FLANGED SPIGOT PIPE WITH A PUDDLE FLANGE AT 100mm FROM SPIGOT END	150	1085	1
Vi	FLANGED GATE VALVE WITH EXTENDED SPINDLE AND WHEEL	150	210	1

#### NOTES:

- 1. DIMENSIONS IN mm UNLESS OTHERWISE SPECIFIED
- 2. ALL EXPOSED CONCRETE EDGES TO HAVE
- 3. ALL JOINTS BETWEEN WALLS AND FLOOR TO HAVE A BENCHING NOT EXCEEDING 200mm THICK TO SMOOTHEN SHARP
- 4. CONCRETE WORKS: ALL REINFORCED CONCRETE TO BE CLASS 25/20 EXCEPT WHERE OTHERWISE SPECIFIED
- 5. ABBREVIATIONS

C/C - CENTRE TO CENTRE - 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

- CAST IRON

6. THIS DRAWING IS TO BE USED FOR PIPE WORK DETAILS

THE CHIEF EXECUTIVE OFFICER TANA WATER WORKS **DEVELOPMENT AGENCY** 

P.O BOX 1292 - 1010 NYERI, KENYA

THE CHIEF MANAGER TECHNICAL **SERVICES** TANA WATER WORKS

DEVELOPMENT AGENCY NYERI, KENYA

PROJECT TITLE:

**TETU - AGUTHI WATER SUPPLY** 

DRAWING TITLE:

TETU WATER TREATMENT WORKS

RECIRCULATION CHAMBER PIPEWORK AND PIPEWORK SCHEDULE

DRG No. TAWP/BWSL/05					
Scale: 1:120		Date:	JAN 2024		
Checked by:	J.M.M	Approved by:	D.N.M		
Designed by:	R.M.N.	Drawn by:	R.M.N.		