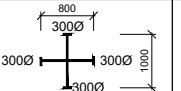

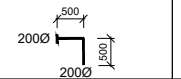

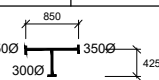



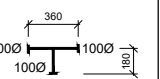

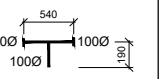

**FILTERED WATER OUTLET PIPEWORK SCHEDULE:
(APPROVED LINED FERROUS PIPES)**

ITEM No.	DESCRIPTION	DIA. (mm)	LENGTH (mm)	QUANTITY (No.)
①	SPECIAL FLANGED BELL MOUTH WITH PUDDLE FLANGE 100mm FROM BELL MOUTH END	300	500	4
②	DOUBLE FLANGED PIPE WITH PUDDLE FLANGE 500mm FROM ONE END	300	1520	4
③	SPECIAL ALL FLANGED CROSS 300 X 300 X 300 X 300mm		4	4
④	300mmØ x 200mmØ DOUBLE FLANGED CONCENTRIC TAPER		8	8
⑤	DOUBLE FLANGED GATE VALVE WITH EXTENSION SPINDLE, LENGTH 4.8m, AND HEADSTOCK	200	230	4
⑥	90° FLANGED SPIGOT BEND		4	4
⑦	ALL FLANGED GATE VALVE WITH EXTENSION SPINDLE, LENGTH 4.8m, AND HEADSTOCK	200	230	4
⑧	FLANGE ADAPTOR	200	-	4
⑨	PLAIN ENDED PIPE WITH PUDDLE FLANGE 75mm FROM ONE END	200	475	4

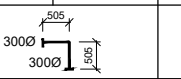
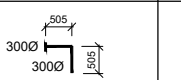
**WASH WATER INLET PIPEWORK SCHEDULE:
(APPROVED LINED FERROUS PIPES)**

ITEM No.	DESCRIPTION	DIA. (mm)	LENGTH (mm)	QUANTITY (No.)
⑩	ALL FLANGED GATE VALVE WITH EXTENSION SPINDLE, LENGTH 4.8m, AND HEADSTOCK	300	270	4
⑪	SPECIAL ALL FLANGED 90° SHORT RADIUS BEND		8	8
⑫	ALL FLANGED PIPE	300	2000	4
⑬	ALL FLANGED TEE - 350x350x300mm Ø		4	4
⑭	BLANK FLANGE	350	-	1
⑮	ALL FLANGED PIPE	350	2850	4
⑯	ALL FLANGED PIPE	350	3950	1
⑰	ALL FLANGED 90° BEND		2	2
⑰A	FLANGED SPIGOT PIPE (CUT TO SUIT ON SITE)	350	2000	1
⑰B	FLANGE ADAPTOR	350	-	1
⑰C	FLANGED SPIGOT PIPE	350	1200	1
⑰D	COUPLING	350	-	1

**AIR WASH PIPEWORK SCHEDULE:
(APPROVED EPOXY COATED STEEL PIPES)**

ITEM No.	DESCRIPTION	DIA. (mm)	LENGTH (mm)	QUANTITY (No.)
Ⓐ	FLANGED SPIGOT PIPE WITH SPIGOT END BLANKED OFF AND 21No. 12 mmØ HOLES AND HEXAGON NUTS WELDED AT 215mm and 310mm c/c ON UNDERSIDE AS PER DETAILS SHOWN	100	4105	4
Ⓑ	SPECIAL ALL FLANGED TEE WITH 2No. 12 mmØ HOLES AND HEXAGON NUTS WELDED AT 215mm c/c ON UNDERSIDE AS PER DETAILS SHOWN		4	4
Ⓒ	FLANGED SPIGOT PIPE WITH SPIGOT END BLANKED OFF AND 1No. 12 mmØ HOLES AND HEXAGON NUTS WELDED AT 90mm FROM SPIGOT END AS PER DETAILS SHOWN	100	205	4
Ⓓ	ALL FLANGED PIPE	100	2950	4
Ⓔ	ALL FLANGED 90° BEND		5	5
①	FLANGED SPIGOT PIPE	100	1757	4
Ⓔ	FLANGE ADAPTOR	100	-	4
①B	ALL FLANGED GATE VALVE WITH EXTENSION SPINDLE, LENGTH 410mm, AND HEADSTOCK	100	190	4
①	ALL FLANGED TEE		4	4
①	ALL FLANGED PIPE	100	3160	3
⑫	ALL FLANGED PIPE	100	3485	1
⑬	BLANK FLANGE	100	-	1
①	ALL FLANGED PIPE	100	1774	1
①B	FLANGED SPIGOT PIPE	100	4000	1
①B	FLANGE ADAPTOR	100	-	1
Ⓒ	ALL FLANGED PIPE	100	1200	1
Ⓒ	ALL FLANGED NON RETURN VALVE	100	235	1
Ⓒ	150mm Ø x 100mm Ø DOUBLE FLANGED CONCENTRIC TAPER		1	1
Ⓔ	FLANGED SPIGOT PIPE	150	1200	1


**WASH WATER OUTLET PIPEWORK SCHEDULE:
(APPROVED LINED FERROUS PIPES)**

ITEM No.	DESCRIPTION	DIA. (mm)	LENGTH (mm)	QUANTITY (No.)
⑱	FLANGED SPIGOT PIPE WITH PUDDLE FLANGE 150mm FROM SPIGOT END	300	525	4
⑲	SPECIAL ALL FLANGED 90° SHORT RADIUS BEND		4	4
⑳	ALL FLANGED GATE VALVE WITH EXTENSION SPINDLE, LENGTH 4.0m, AND HEADSTOCK	300	270	4
㉑	SPECIAL FLANGED SPIGOT 90° SHORT RADIUS BEND		4	4

**OUTLET TO TREATED WATER TANK
PIPEWORK SCHEDULE:
(APPROVED LINED FERROUS PIPES)**

ITEM No.	DESCRIPTION	DIA. (mm)	LENGTH (mm)	QUANTITY (No.)
㉒	PLAIN ENDED PIPE WITH PUDDLE FLANGE AT 100mm FROM ONE END	350	600	1
㉒A	COUPLING	350	-	1

**OVERFLOW PIPEWORK SCHEDULE:
(APPROVED LINED FERROUS PIPES)**

ITEM No.	DESCRIPTION	DIA. (mm)	LENGTH (mm)	QUANTITY (No.)
㉒	FLANGED SPIGOT PIPE WITH PUDDLE FLANGE AT 150mm FROM SPIGOT END	200	470	4
㉒	90° ALL FLANGED BEND		4	4
㉒A	FLANGED SPIGOT PIPE	200	3675	4

NOTES

- ALL PIPE, FITTINGS AND VALVE
DIAMETERS ARE NOMINAL DIAMETERS
- ALL DIMENSIONS ARE IN MM UNLESS
OTHERWISE STATED
- PIPE AND FITTINGS DIMENSIONS MAY
VARY FROM MANUFACTURER TO
MANUFACTURER

FOR CONSTRUCTION

REV	REVISIONS	SIGN	DATE	APPROVED
	BY			
	CHECKED			
	BY			
	CHECKED			
	BY			
	CHECKED			
C0	BY			
	CHECKED			

CLIENT



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

PROJECT

DESIGN FOR KAHARO WATER
TREATMENT WORKS - OTHAYA

Civil/Structural Engineers



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

Drawing Title

KAHARO WATER TREATMENT WORKS
PIPES AND FITTINGS
SCHEDULE

Designed by	DWN	Drawn by	EWN
Checked by	JMM	Approved by	
Scale	AS SHOWN (A1)	Date	SEP 2022
Job No.	1	ACAD File:	
PD STATUS	DRAWING No.	TWWDA/KTW/FFG-10	C0 REV