

**SCHEMATIC DIAGRAM OF PIPE RANGES AND CLEAR WATER SUPPLY TO MIXING TANKS**

NTS

**NOTES:**

1. CHEMICAL DOSING PIPES SHALL BE REINFORCED NYLON PIPES OR uPVC AS INDICATED ON DETAILS

SHOP DRAWINGS FOR PIPEWORK TO BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE FABRICATION

**LEGEND FOR ISOMETRIC DETAILS OF CLEAR WATER SUPPLY TO CHLORINE MIXING TANKS**

- uPVC PIPE
- uPVC SOCKETED TEE
- uPVC SOCKETED BEND
- SOCKET OR COUPLER
- uPVC TAP

**LEGEND FOR ISOMETRIC DETAILS OF CHLORINE DOSING PIPEWORK**

- uPVC PIPE
- uPVC FEMALE THREADED STOP VALVE (SAUNDERS VALVES)
- uPVC SOCKETED TEE
- uPVC SOCKETED BEND WITH RODING EYE

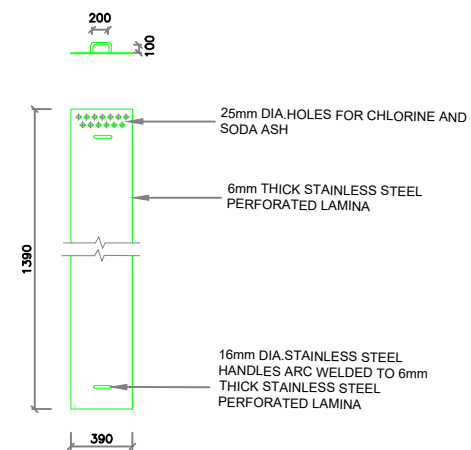
**LEGEND FOR ISOMETRIC DETAILS OF OVERFLOW PIPEWORK**

- uPVC PIPE
- uPVC SOCKETED TEE
- uPVC SOCKETED BEND (90°)
- uPVC SOCKETED BEND (22½°)

**LEGEND FOR ISOMETRIC DETAILS OF SCOUR PIPEWORK**

- uPVC PIPE
- uPVC FEMALE THREADED STOP VALVE (SAUNDERS VALVES)
- uPVC SOCKETED BEND

**SECTION AND PLAN OF CHEMICAL MIXING TRAY**



**NOTES:**

1. DIMENSIONS IN mm UNLESS OTHERWISE SPECIFIED
2. ALL EXPOSED CONCRETE EDGES TO HAVE A 25mm x 25mm CHAMFER
3. CONCRETE WORKS: ALL REINFORCED CONCRETE TO BE CLASS 25/20 EXCEPT WHERE OTHERWISE SPECIFIED
4. ABBREVIATIONS
  - R.C - REINFORCED CONCRETE
  - D.P.C - DAMP PROOF COURSE
  - E.G.L - EXISTING GROUND LEVEL
  - F.G.L - FINISHED GROUND LEVEL
  - F.F.L - FINISHED FLOOR LEVEL
  - P.C.C - PRECAST CONCRETE
  - G.C.I - GALVANIZED CORRUGATED IRON
5. EDGES OF TREADS AND RISERS IN CONCRETE STAIRCASE TO BE PROTECTED WITH 40 x 40 x 3mm M.S. ANGLE FIXED WITH FISH TAIL LUGS EMBEDDED IN CONCRETE
6. FOR WINDOW SCHEDULE SEE DRG. NO. M407/SD/25
7. FOR DOOR SCHEDULE SEE DRG. NO. M407/SD/26-27
8. ALL VENT BLOCKS UNDER WINDOWS TO BE PROVIDED WITH PVC GAUZE IN TIMBER FRAMING
9. ALL INTERNAL SURFACES OF MIXING TANKS TO BE LINED WITH THREE COATS OF APPROVED EPOXY LINING
10. DETAIL OF DOSER PLATFORM IS SHOWN FOR OPADOS TYPE DOSERS. IF DIFFERENT TYPE OF DOSER IS PROPOSED, CONTRACTOR TO SUBMIT TO ENGINEER DETAILS OF DOSER AND SUITABLE PLATFORM(S) BEFORE COMMENCING CONSTRUCTION OF MIXING TANK WALLS.

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

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

PROJECT TITLE:

**TETU AGUTHI WATER SUPPLY PROJECT**

DRAWING TITLE:  
**TETU WATER TREATMENT WORKS**

**MISCELLANEOUS DETAILS**

Designed by: R.M.N.	Drawn by: R.M.N.
Checked by: J.M.M	Approved by: D.N.M
Scale: NTS	Date: JAN 2024

DRG No. **TAWP/CSMB/05**