

(SCALE 1:10)

800 450 175 6mm FILLET WELD ON EITHER SIDE OF PLATE 20mmx50mm SLOT IN PLATE 20mm DIA RAWL BOLT 150mm LONG CAST IN - 🖗 500mmx250mm CLEAR 75 OPENING IN WALL 750x450mmx6mm THICK M.S. PLATE
WELDED TO TROUGH. (PACKING TO BE PROVIDED BETWEEN THE PLATE AND CONCRETE WALL) **DETAIL AT'X'** 

(SCALE 1:40)

100 x 100 x 8 kg/m ANGLE, 700mm LONG, FIXED TO CONCRETE BEAM BY MEANS OF 2 No. 12mm RAWL BOLTS 600X450mm R.C TIE BEAM 6mm THICK GALVANISED STEEL PLATE WELDED TO END OF TROUGH GALVANISED STEEL PLATE CLAMP (SEE DETAIL ABOVE)

> **DETAIL AT'Y'** (SCALE 1:10)

## D 20mm RAWL BOLTS 20mm DIA BOLTS AND 254 x 146 x 31 kg/m UB 20mm x 40mm SLOTS · 🇆 **®** 90 20mm RAWL BOLTS D 150mm LONG 200x100x10mm THICK M.S. PLATE (CLEAT) WELDED TO 410x200x10mm M.S. PLATE. 6mm FILLET WELD ON EITHER SIDE OF PLATE

(SCALE 1:10)

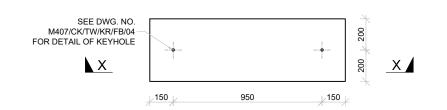
20mm RAWL BOLTS 39 200x100x10mm THICK M.S. 254 x 146 x 31 PLATE (CLEAT) WELDED TO 410x200x10mm M.S. PLATE. kg/m U.B. **SECTION D-D** 

(SCALE 1:10)

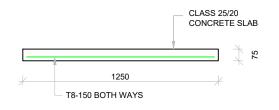
# FIXING DETAILS OF UB TO SEDIMENTATION TANK WALLS

### **DETAILS OF P.C.C COVER SLAB OVER FLOCCULATED WATER CHANNEL**

(SCALE 1:10)



#### **P.C.C SLAB PLAN SCALE 1:25**



SEC X-X **SCALE 1:25** 

#### THE CHIEF EXECUTIVE OFFICER



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

1. DIMENSIONS IN mm UNLESS OTHERWISE SPECIFIED

P.C.C - PRECAST CONCRETE E.G.L - EXISTING GROUND LEVEL

F.G.L - FINISHED GROUND LEVEL G.M.S - GALVANIZED MILD STEEL

T.W.L - TOP WATER LEVEL

CHIEF MANAGER TECHNICAL

SERVICES TANA WATER WORKS DEVELOPMENT AGENCY

PROJECT TITLE:

TETU AGUTHI WATER SUPPLY

DRAWING TITLE:

TETU WATER TREATMENT WORKS SEDIMENTATION TANK

PCC DETAILS

1:100	Date: OCT 2023
Checked by: J.M.M	Approved by: D.N.M
Designed by: K.N.G.	Drawn by: A.M.M

DRG No. TAWP/SED/04