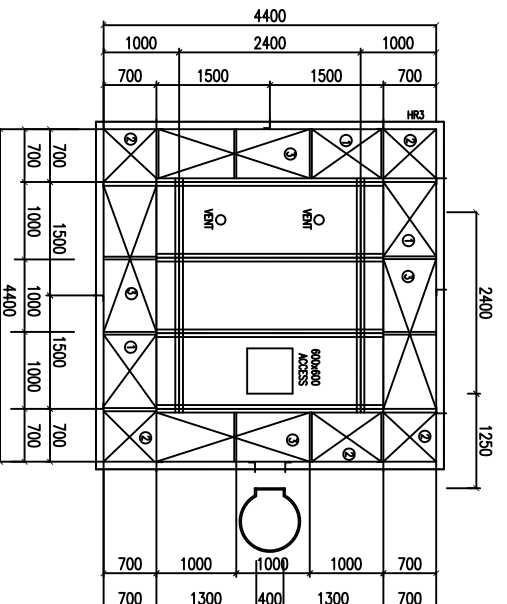
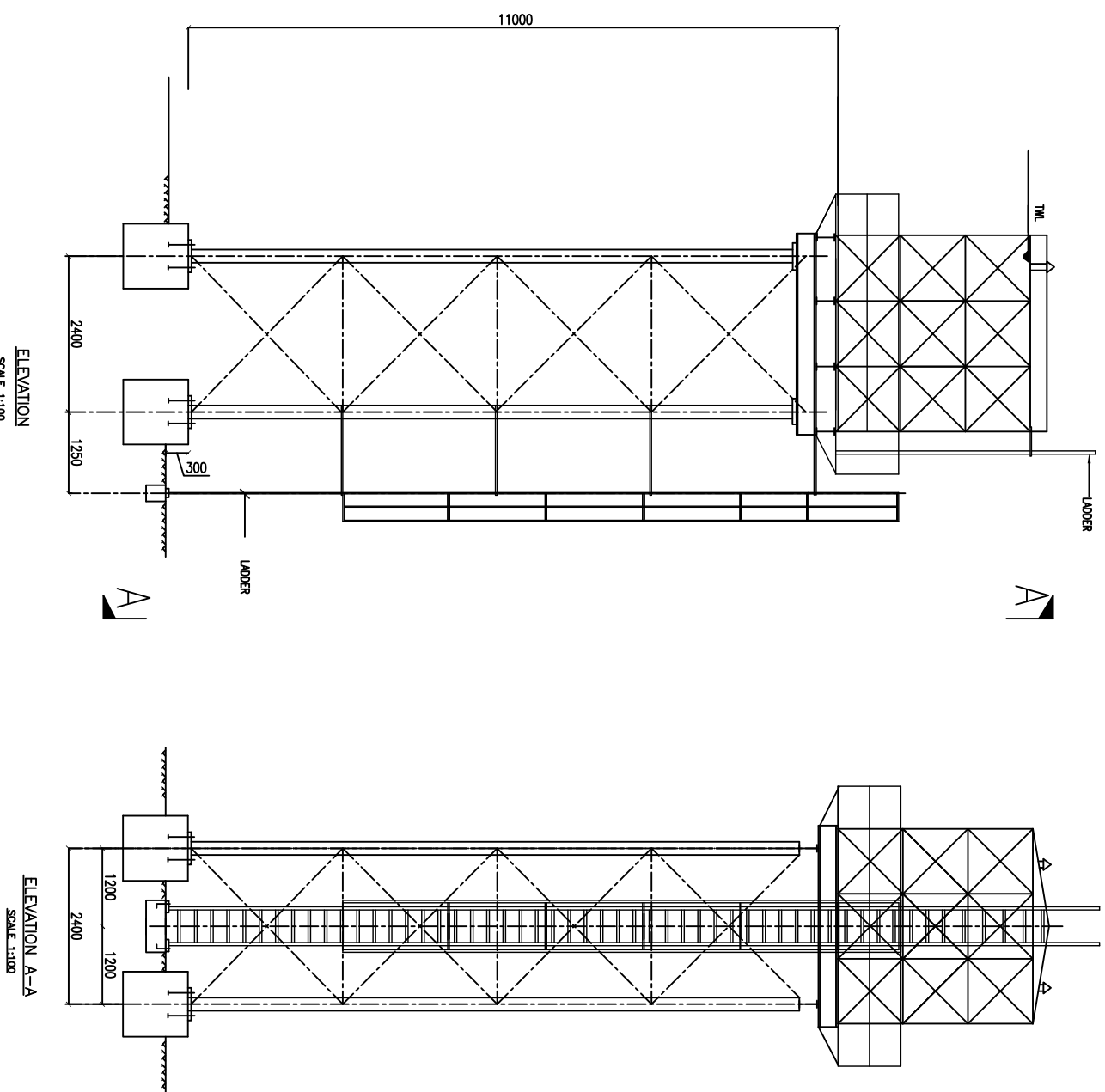
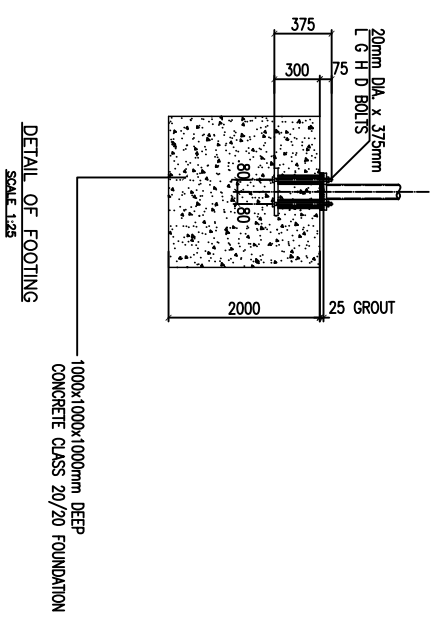
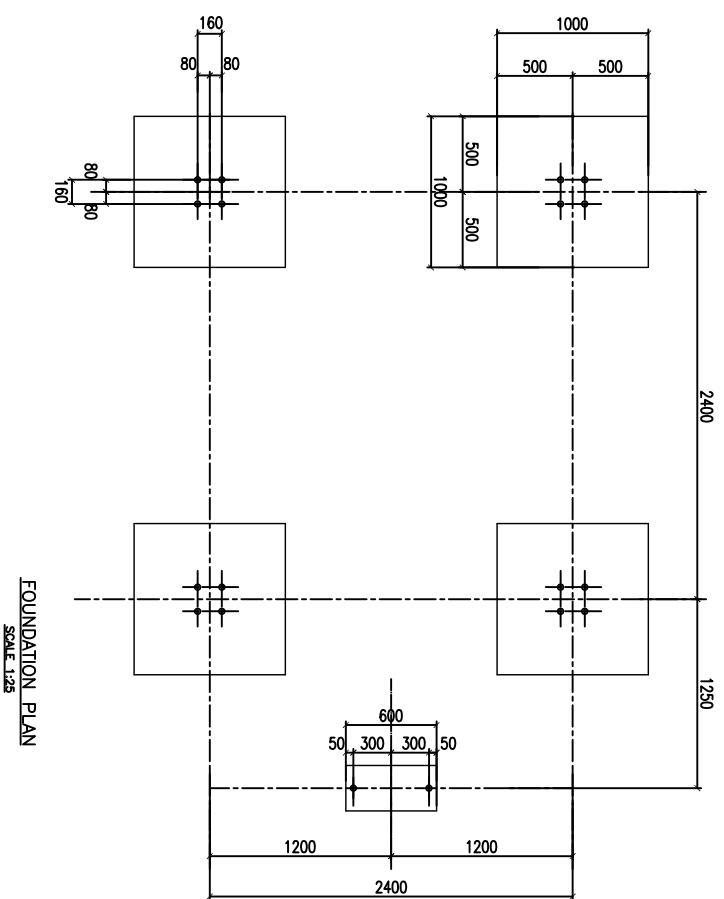


- NOTES**
1. STRUCTURAL DETAILS TO BE TO ENGINEER'S APPROVAL
  2. R.C BASE TO BE CONFIRMED BY THE ENGINEER



REV	REVISION	DATE	APPROVED
	CHECKED		
	BY		
	CHECKED		

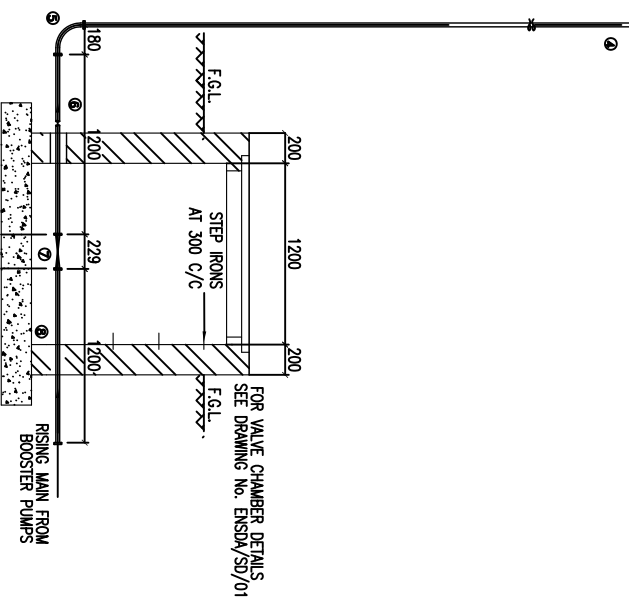
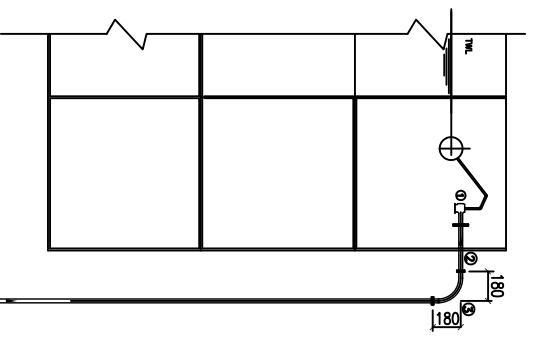
CLIENT:  
**ENSDA**  
 EWASO NGIRO SOUTH RIVER  
 BASIN DEVELOPMENT  
 AUTHORITY

PROJECT TITLE:  
**IMPROVEMENT OF WATER SUPPLY  
 FOR ENSDA TANNERY  
 EWASO NGIRO**

DRAWING TITLE:  
**DETAILS OF 27m<sup>3</sup> HIGH LEVEL  
 PRESSED STEEL TANK AND  
 11m HIGH TOWER**

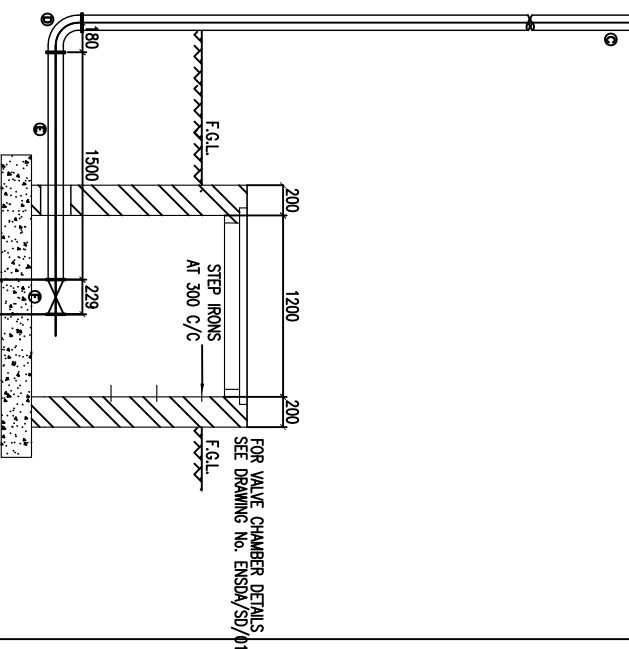
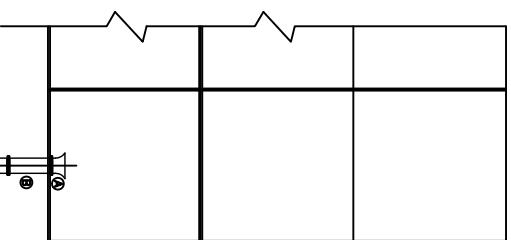
SHEET 1 OF 2

Designed by: EO      Drawn by: EO  
 Checked by: RO      Approved by: RO  
 Scale: 1:100      Date: FEB. 2018  
 DRG No. ENSDAM/SET/01



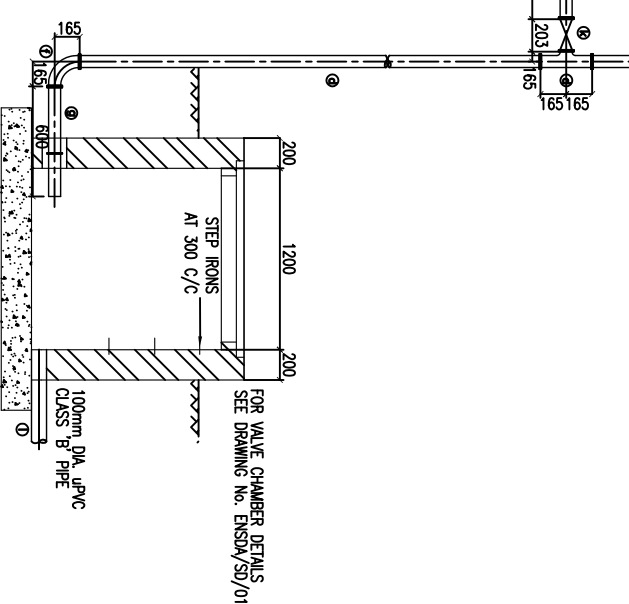
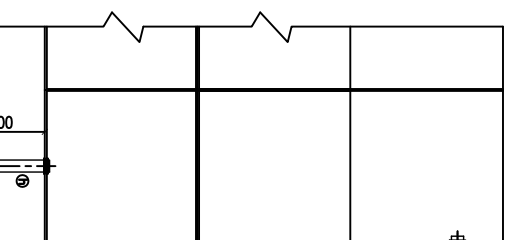
**INLET PIPE**  
SCALE 1:50

- INLET PIPE WORK**
- ① 1No. 50mm DIA. FLANGED BALL FLOAT VALVE
  - ② 1No. 50mm DIA. ALL FLANGED PIPE 300mm LONG
  - ③ 1No. 50mm DIA. ALL FLANGED 90° SHORT RADIUS BEND
  - ④ 3No. 50mm DIA. ALL FLANGED PIPE 6000mm LONG INCLUDE FOR COUPLING
  - ⑤ 1No. 50mm DIA. ALL FLANGED 90° SHORT RADIUS BEND
  - ⑥ 1No. 50mm DIA. ALL FLANGED PIPE 1200mm LONG
  - ⑦ 1No. 50mm DIA. ALL FLANGED GATE VALVE
  - ⑧ 1No. 50mm DIA. ALL FLANGED PIPE 1200mm LONG
  - ⑨ 1No. 50mm DIA. ALL FLANGED PIPE 13500mm LONG INCLUDE FOR COUPLING
  - ⑩ 1No. 250x50mm DIA. ALL FLANGED STEEL TEE



**OUTLET PIPE**  
SCALE 1:50

- OUTLET PIPE WORK**
- ① 1No. 80mm DIA. FLANGED BELL MOUTH
  - ② 1No. 80mm DIA. ALL FLANGED PIPE 250mm LONG
  - ③ 1No. 80mm DIA. ALL FLANGED PIPE 15520mm LONG INCLUDE FOR COUPLING
  - ④ 1No. 80mm DIA. ALL FLANGED 90° SHORT RADIUS BEND
  - ⑤ 1No. 80mm DIA. ALL FLANGED PIPE 15000mm LONG
  - ⑥ 1No. 80mm DIA. ALL FLANGED GATE VALVE



**OVERFLOW AND SCOUR PIPE**  
SCALE 1:50

- OVERFLOW AND SCOUR PIPE WORK**
- ① 1No. 80mm DIA. FLANGED SPIGOT PIPE 300mm LONG
  - ② 1No. 80mm DIA. ALL FLANGED 90° LONG RADIUS BEND
  - ③ 1No. 80mm DIA. ALL FLANGED PIPE 2950mm LONG
  - ④ 1No. 80x80mm DIA. ALL FLANGED TEE
  - ⑤ 1No. 80mm DIA. ALL FLANGED PIPE 14755mm LONG INCLUDE FOR COUPLING
  - ⑥ 1No. 80mm DIA. ALL FLANGED 90° SHORT RADIUS BEND
  - ⑦ 1No. 80mm DIA. FLANGED SPIGOT PIPE 600mm LONG WITH PUDDLE FLANGE AT 200mm FROM PLAIN END
  - ⑧ 1No. 80mm DIA. FLANGED PIPE 600mm LONG
  - ⑨ 1No. 80mm DIA. ALL FLANGED 90° SHORT RADIUS BEND
  - ⑩ 1No. 80mm DIA. ALL FLANGED PIPE 590mm LONG
  - ⑪ 1No. 100mm DIA. UPVC CLASS 'B' PIPE 13000mm LONG

**NOTES**

1. FE = FERROUS PIPE
2. ALL DIMENSIONS FOR PIPES AND FITTINGS HAVE BEEN BASED ON DUCTILE IRON (DI) MATERIAL (REF. STANTON AND STAVELY PRODUCTS CATALOGUE)
3. CONTRACTOR TO SUBMIT FOR APPROVAL OF ENGINEER 3 PRINTS OF SHOP DRAWINGS FOR FITTINGS AND SHOP DRAWINGS FOR PIPE SUPPLY AND CONSTRUCTION OF THESE WORKS
4. ALL FERROUS FITTINGS TO COMPLY WITH NP 16 BATING
5. BALL FLOAT VALVES TO SERIES 1048 BIMATER CATALOGUE OR APPROVED EQUIVALENT
6. GATE VALVES TO BS 5163 - GLENFIELD SERIES 3413 BIMATER OR APPROVED EQUIVALENT
7. ALL DIMENSIONS ARE SHOWN IN MILLIMETERS UNLESS OTHERWISE STATED
8. DRAWINGS ARE NOT TO BE SCALED. ONLY FIGURED DIMENSIONS ARE TO BE USED

REV	REVISIONS	BY	DATE	APPROVED

CLIENT:



**ENSDA**  
EWASO NGIRO SOUTH RIVER  
BASIN DEVELOPMENT  
AUTHORITY

PROJECT TITLE:  
**IMPROVEMENT OF WATER SUPPLY  
FOR ENSDA TANNERY  
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DRAWING TITLE:

**DETAILS OF 27m<sup>3</sup> HIGH LEVEL  
PRESSED STEEL TANK AND  
11m HIGH TOWER**

SHEET 2 OF 2

Designed by: EO Drawn by: EO

Checked by: RO Approved by: RO

Scale: 1:50 Date: FEB. 2018

DRG No. ENSDAM/SET102 REV