TECHNICAL DATA:

1. PRESSED STEEL WATER TANK TO BS 1564 PART 2
2. STEEL TOWER TO BS 449
3. STEEL LADDER TO BS 4311
4. ALL FILLET WELDS NOT LESS THAN 6mm UNLESS OTHERWISE STATED
5. ALL GUSSET PLATES 6mm THICK
6. HOLES ON ANGLES AND GUSSET PLATES TO BE Ø18mm
7. ALL WELDS DESSLAGED AND WIRE-BRUSHED
8. TANK AND TOWER TO BE PAINTED ONE COAT OF RED OXIDE PRIMER AND ONE COAT OF ALUMINIUM PAINT BEFORE DESPATCH, WITH ONE COAT OF ALUMINIUM PAINT AFTER INSTALLATION.
9. ALL STEEL SHALL BE GRADE 43
10. ALL BOLTS TO BE M 16 (GRADE 4.6).
11. ALL BUILDER'S WORK TO BE DONE TO SUITE STRUCTURAL ENGINEER'S DETAILS.
12. FOUNDATION BASE TO BE ON STABLE UNDISTURBED SOIL
13. FOUNDATION BOLTS TO BE PROPERLY LEVELLED BEFORE CASTING.
14. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE INDICATED.

ALL DIMENSIONS ARE IN MM UNLESS INDICATED OTHERWISE
GENERAL ARRANGEMENT
SIDE VIEW

ALL DIMENSIONS ARE IN MM UNLESS INDICATED OTHERWISE

VIKING INDUSTRIES LTD

DRAWING TITLE
6.1M x 4.88M x 3.66m P.S.ST on 15M TOWER

CLIENT
OXFAM

DRAWN MWELESA
DATE 28th SEPT 2010

CHECKED
DATE

UBI 406x178x54 Kg/m
UB2 254x146x31 Kg/m
HDB
HDB
DRAIN

OUTLET

INLET

OVERFLOW

UB1 406x178x54 Kg/m

UB2 254x146x31 Kg/m

GRILLAGE DETAIL: PLAN

SIDEx VIEW

GRILLAGE DETAIL: SECTION

ALL DIMENSIONS ARE IN MM UNLESS INDICATED OTHERWISE
BASE GUSSET DETAIL: PLAN

VIEW 'M'

60 x 60 x 6 mm L x 4245 mm Lg
Bracings

VIEW 'N'

60 x 60 x 6 mm L x 4245 mm Lg
Bracings

BASE GUSSET DETAIL: SECTION

VIEW 'XX'

CAP GUSSET DETAIL: PLAN

VIEW 'WW'

STANCHION TOP DETAILS

CAP GUSSET DETAIL: SECTION

OXFAM

VIKING INDUSTRIES LTD

DRAWING TITLE
6.1 M x 4.88 M x 3.66 m P.S.T on 15 M TOWER

CLIENT
OXFAM

DRAWN: confidentiality
DATE: 14th Feb, 2011

INSPECTED

ALL DIMENSIONS ARE IN MM UNLESS INDICATED OTHERWISE
INTERMEDIATE JOINT

SPAN GUSSET DETAILS

ALL DIMENSIONS ARE IN MM UNLESS INDICATED OTHERWISE
TYPICAL FOUNDATION DETAILS: PLAN VIEW

1. Base to be on stable ROCK
2. Concrete to be grade 20 of mix ratio 1:2:4
3. Maximum aggregate size to be 20 mm diameter.
4. Filling to be done with compacted Murram.
5. Bolts to be properly levelled before casting. Nuts heads to be covered to avoid cement setting on threads.
6. For Ifo site, Build Trenches to control Floods Waters away from the Tower. To be done by others.

BASE GUSSET DETAILS: PLAN

All dimensions are in mm unless indicated otherwise.