

SECTION 13

DDRC

TECHNICAL DRAWINGS & SPECIFICATIONS

SUDAN
Empowered lives.
Sustained peace.

Project Name:

REHABILITATION OF TORA BASIC SCHOOL

Location:

Tora (A) Area -Elfashir Locality -North Darfur State

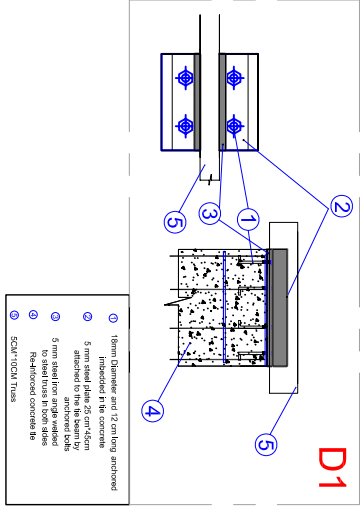
Mar 2018



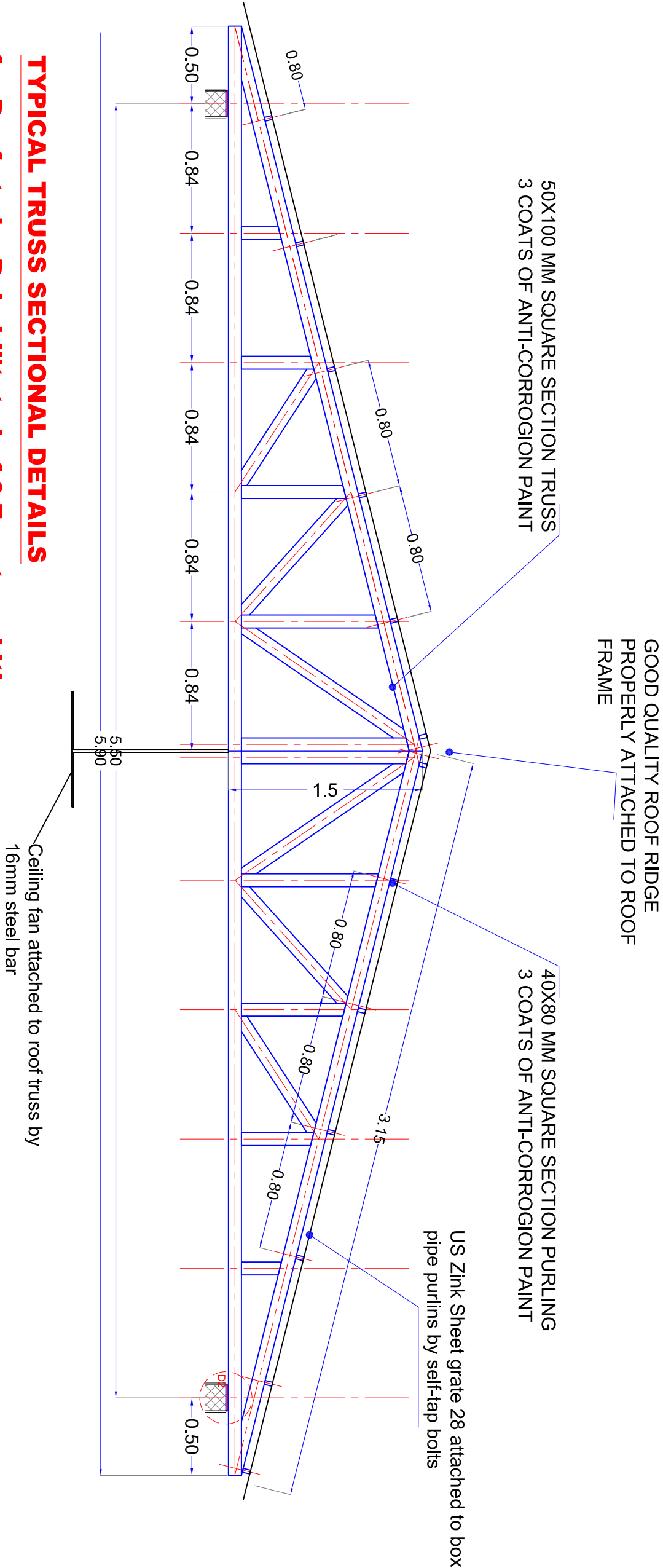
SUDAN

TYPICAL TRUSS SECTIONAL DETAILS

for Roofs of uncompleted buildings



TRUSS & TIE BEAM CONNECTION DETAILS



TYPICAL TRUSS SECTIONAL DETAILS

for Roofs to be Rehabilitated of 6.7 meter width

ELECTRICAL KEY	
S	Description
WALL MOUNTED KDK FAN	
SOCKET OUTLET	
WALL MOUNTED LAMP	
DOUBLE ONE WAY SWITCH	

Project Name:

Rehabilitation of Tora Basic school

Project Location:

Tora(A) area-North Darfur

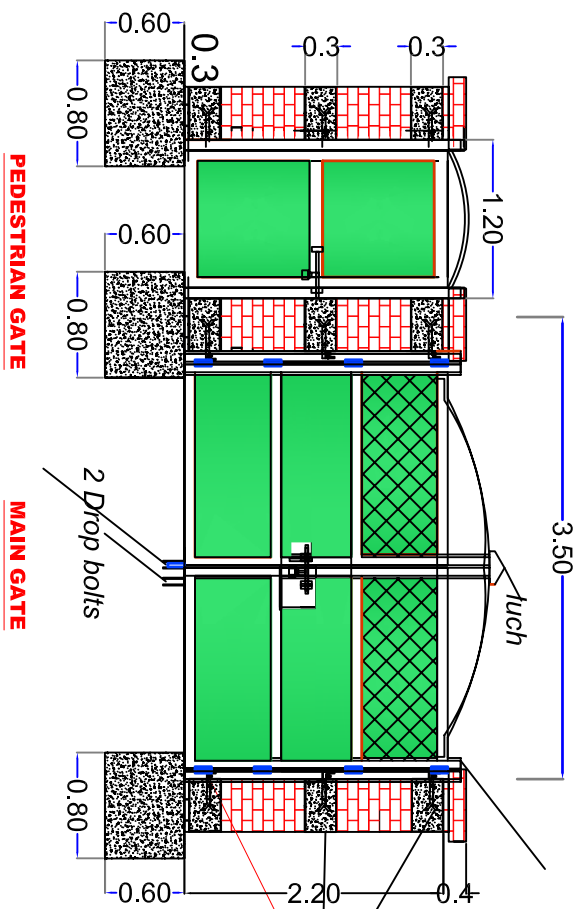
Content:

Steel Roof Drawings

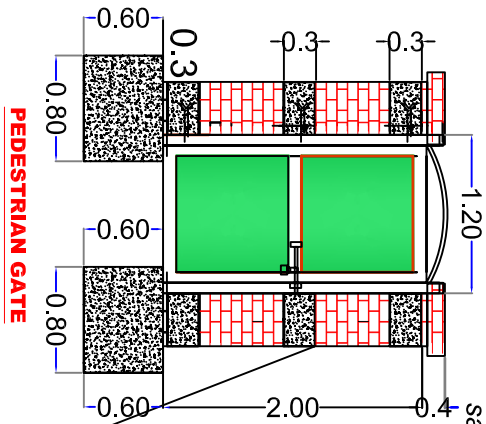
Design By:

T1

the mainframe of the gate is fabricated from 5*10 heavy steel box pipes and the leaves from heavy 4*8 steel box pipe sheeted with good steel .



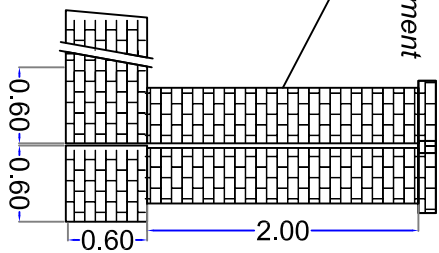
2.5 in steel angle
inbedded in plain concrete
and clad with fair face bricks



PEDESTRIAN GATE

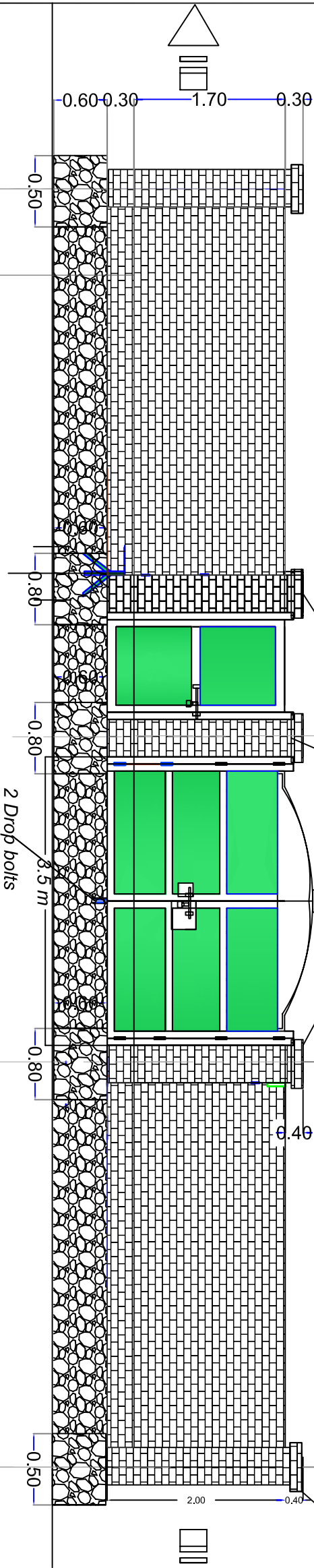
1.6 cement block (60cm piers built from normal and 1:6 sand cement mortar and first class red brickthe top of the wall is to finished with layers of thick mortar plaster

40 cm piers @ 5 meter c/c
built of cement block
40*20*20 and 1:80 cement
sand mortar



twin piers piers @ 20 meter c/c

built of cement block
40*20*20 and 1:80 cement
sand mortar



20cm cement block wall of 2.0 meter height
built by 40*20*20 cement block and 1:8 cement sand
mortar properly finished in Sidaba manner

Two Red Brick strip foundation of 40*60 cm width and 30 cm height

REHABILITATION OF RORA BASIC SCHOOL FOR GIRLS

Project Location:

Tora (A) Area-North Darfur State

Content :
Details of the
BOUNDARY WALL

Design By :

UNDP

Feb
2018

Drawn By :

UNDP

T2

BOUNDARY WALL

Scale 1:100 A3



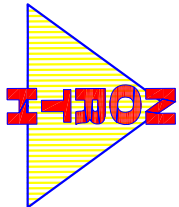
Tora (A) Area-North Darfur State

Design By:
Feb
2018

43



Scale 1:200 A3



Rehabilitation of Tora Basic School

PROJECT LOCATION

Tora (A) Area-North Darfur State

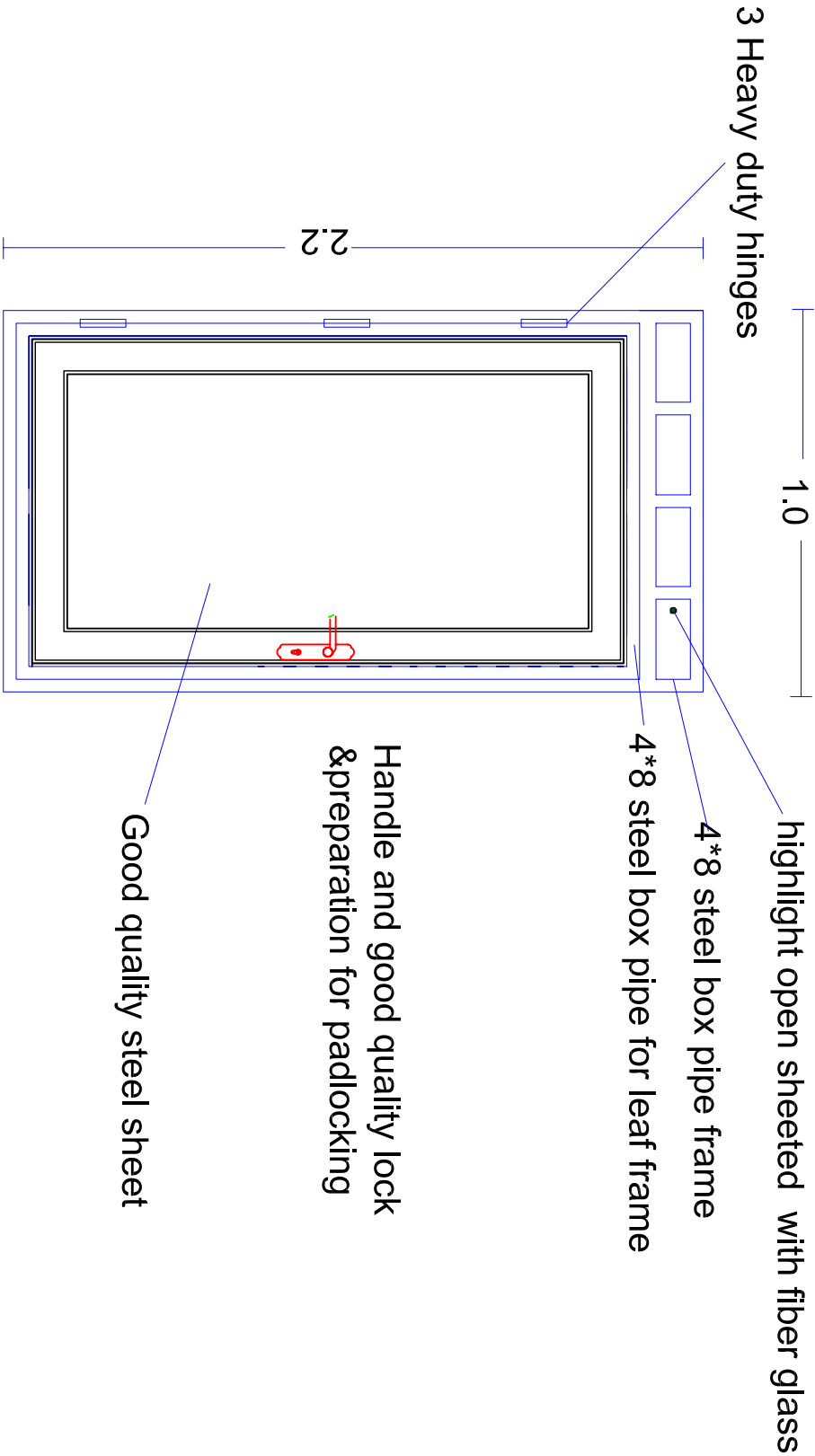
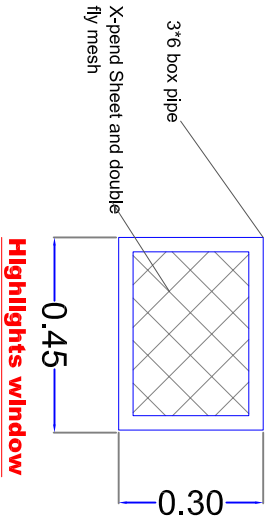
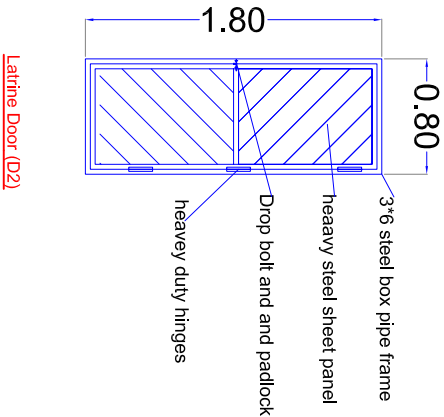
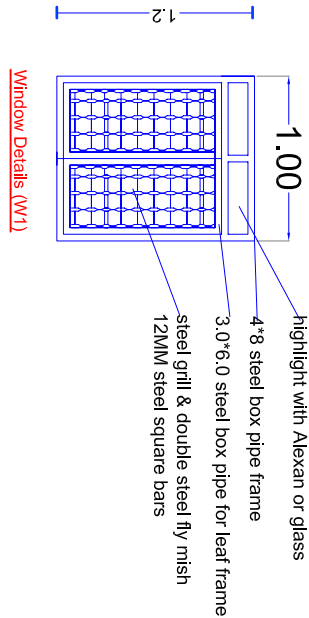
Content : Details of the
DOORS & WINDOWS

Design By :

Feb
2018

Drawn By:

T4



DOOR 1 DETAILS
FOR OFFICES & CLASSES

S	Description
	WALL MOUNTED KDK FAN
	SOCKET OUTLET
	WALL MOUNTED LAMP
	DOUBLE ONE WAY SWITCH

PROJECT LOCATION

Tora (A) Area-North Darfur State

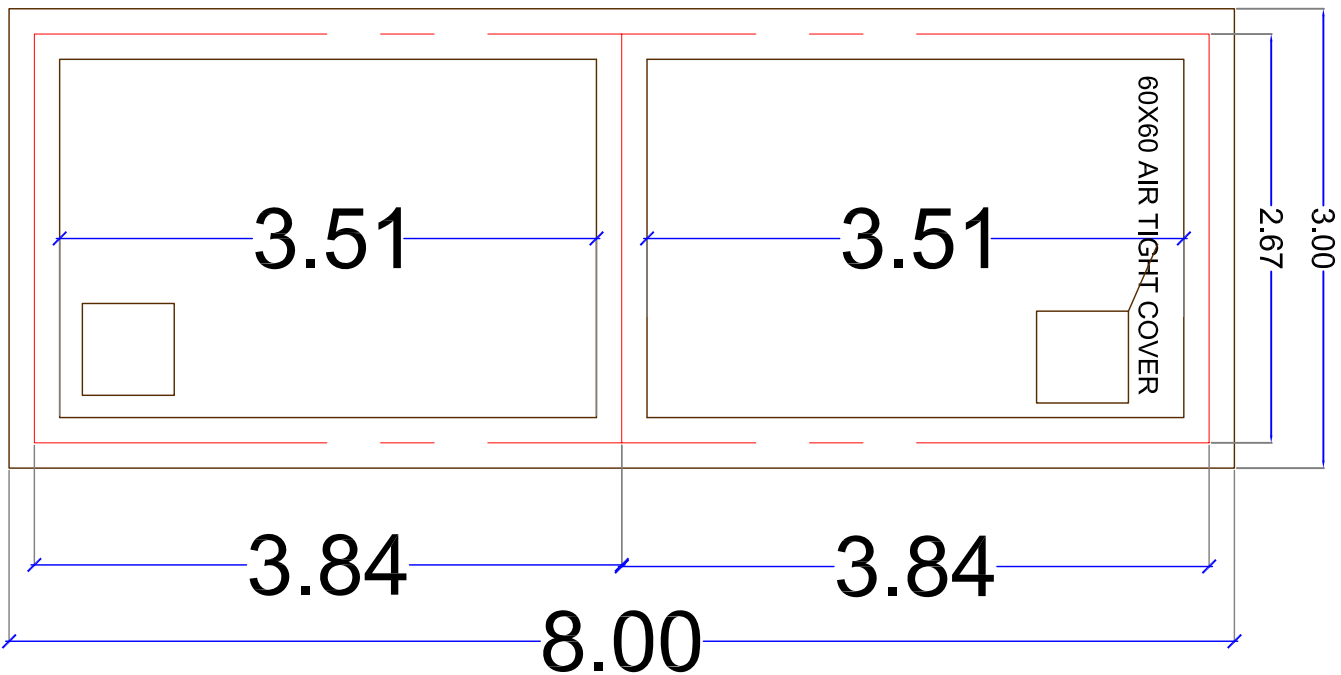
Project Title:
Rehabilitation of Tora Basic School

Content :
Latrines Drawings

Feb 2018

Design By:

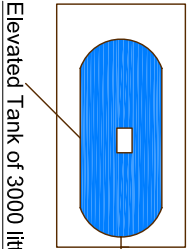
T6



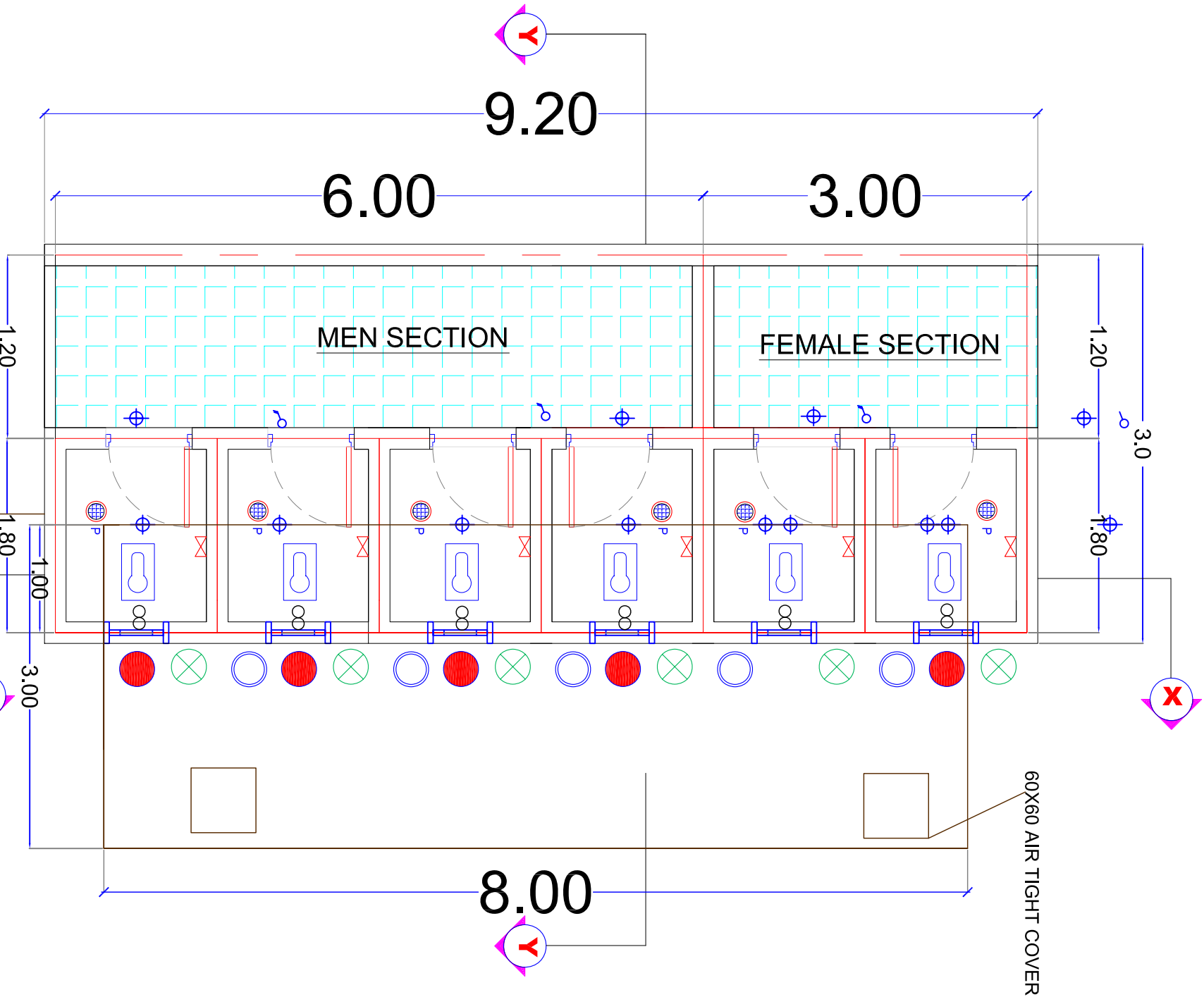
S	Description
	EXHAUST FAN
	2 ft SINGLE FLOURECENT LAMP

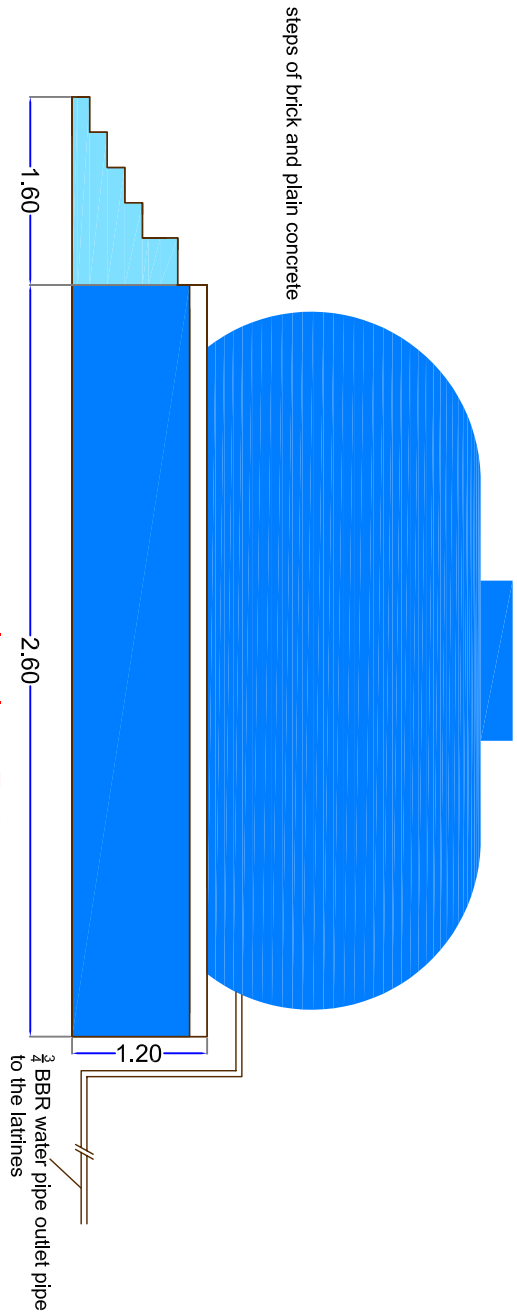
ELECTRICAL SYMBOL KEY:

S	Description
	EXHAUST FAN
	2 ft SINGLE FLOURECENT LAMP

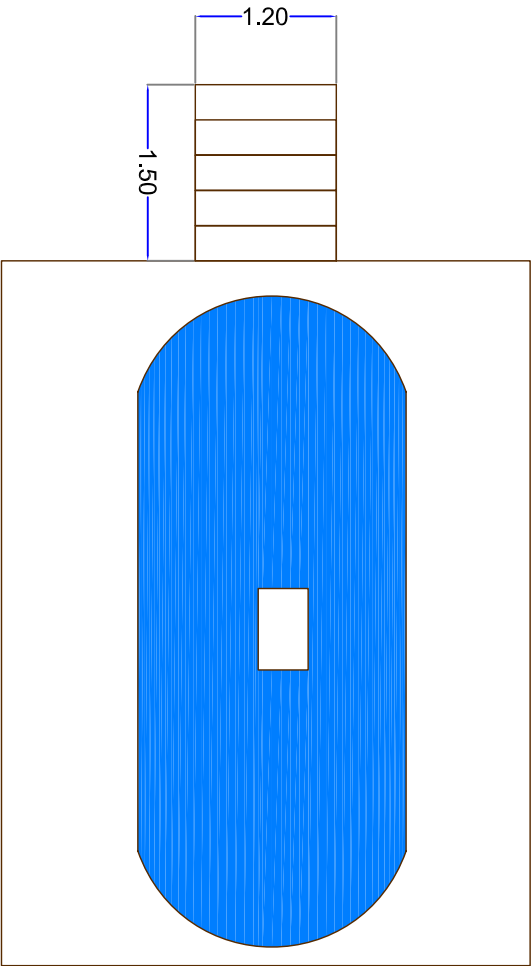


Elevated Tank of 3000 liter

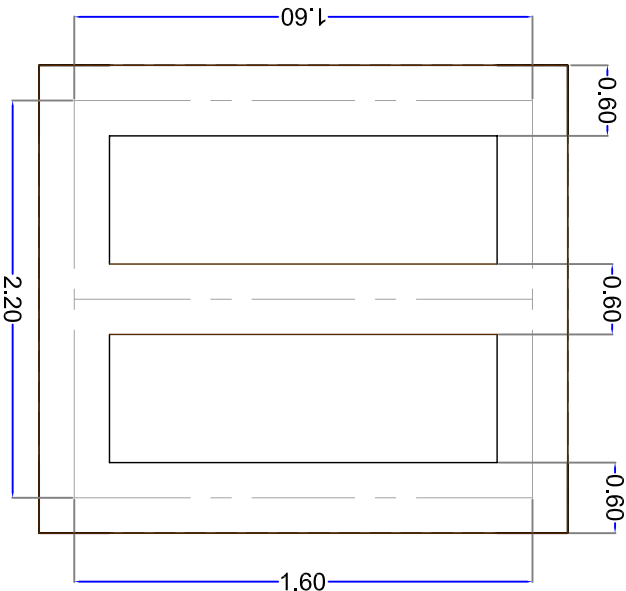




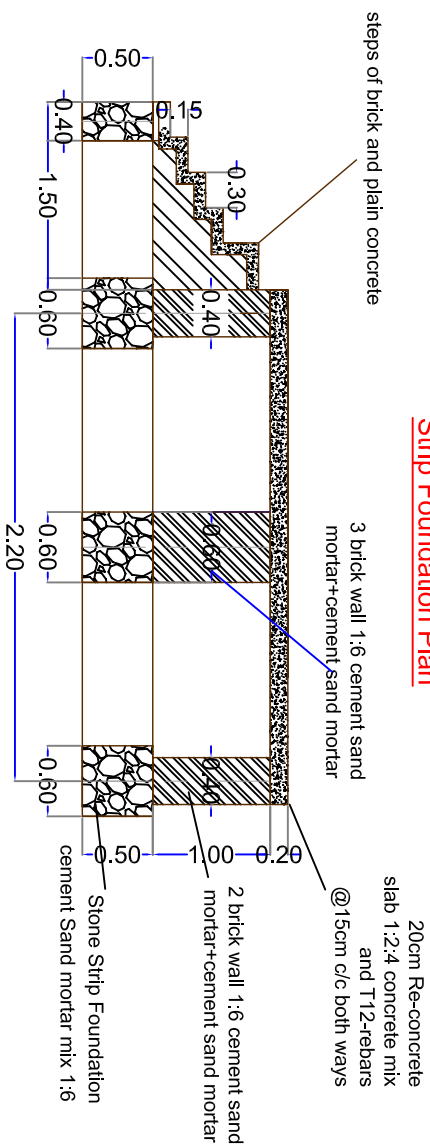
3000 liter plastic Tank
with brick wall&concrete
Base



Water Tank with Base Plan



Strip Foundation Plan



Strip Foundation



SUDAN

GENERAL:
1. THIS DRAWING MUST NOT BE SCALED.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS, ARCHITECT AND SUB-CONTRACTOR DRAWINGS, DETAILS AND SPECIFICATIONS.
3. THE CONTRACTOR IS TO CHECK AND CONFIRM ALL THE DIMENSIONS AND DETAILS SHOWN ON THIS DRAWING.
4. ALL DIMENSIONS IN M, UNLESS NOTED OTHERWISE.

PROJECT LOCATION
Tona (A) Area/Komti Darfur State

Project Title:
Construction Of Tona Secondary school

Content :
Water Tank Drawings

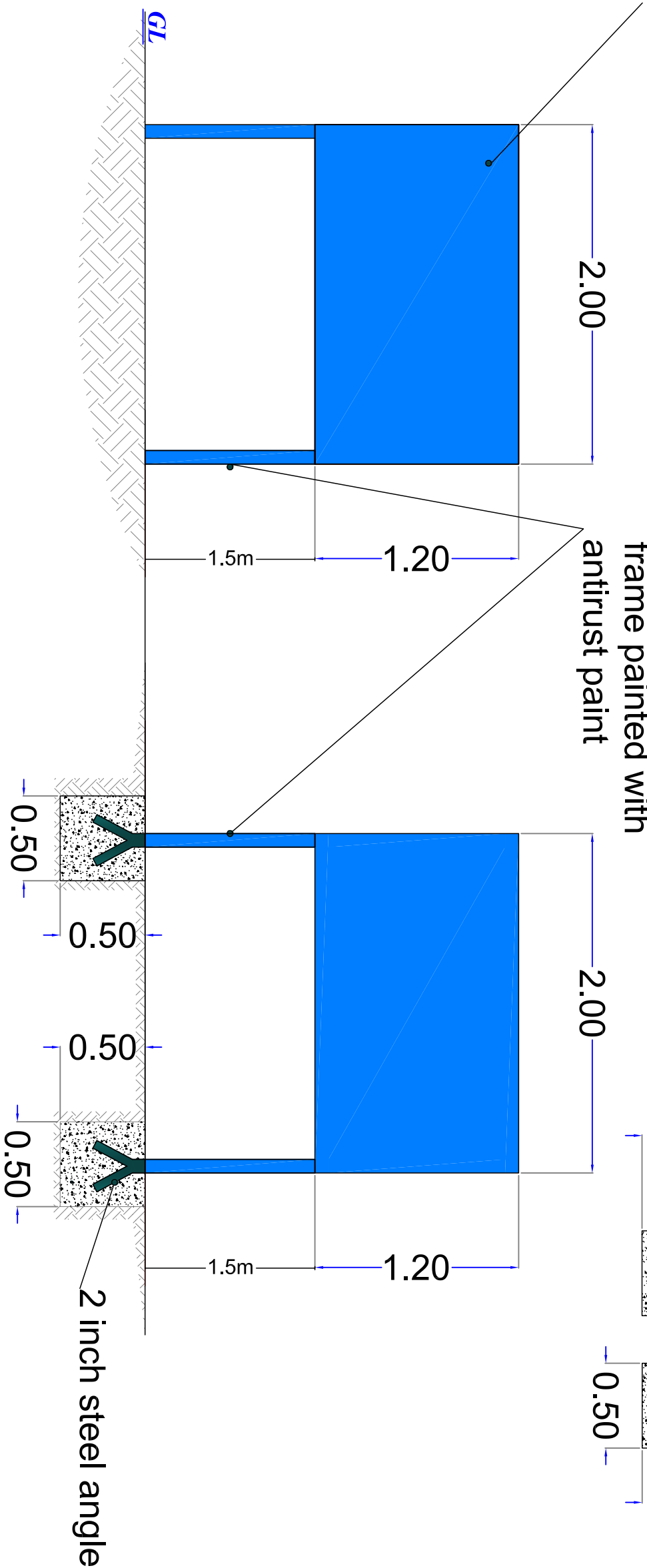
Feb
2018

Design By:

UNDP

Heavy steel sheet fully welded to
4*8 steel box pie frame

4*8 steel box pipe
frame painted with
antirust paint

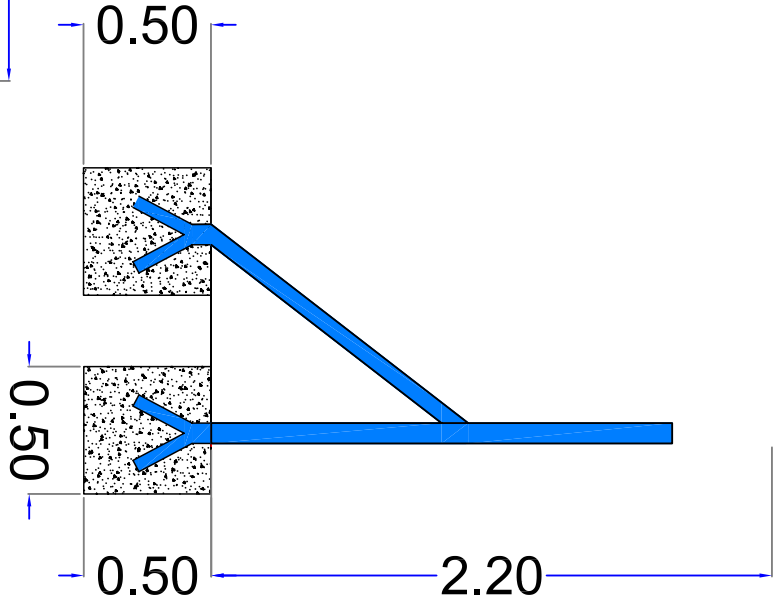


Front Side Elevation View

Back Side Elevation View

Plan concrete

2 inch steel angle



- GENERAL:
- 1- All steel members shall be are of good quality heavy steel (Black type).
 - 2- all steel rememblers shall be painted with antirust paints and final coats
 - 3-the plain concrete is of 1:3:6 mix and shall be treated properly with water
 - 4-All dimensions are in meter unless otherwise stated

Note:
The contractor shall obtain the logos needed to be drawn as well as what is needed to be written on the signboard from UNDP&DDRC

Project Title:

Tora (A) Area-North Darfur State

Content:

Sign Board Details

Designed by:

2018

Drawn By: