



PROJECT NAME :

Establishment of Workshop and Tool  
service center in 4 IDP Camps / Duhok  
governorate

LEGEND

SHEET NAME :

Site plan

DESIGNED BY :

DRAWING BY :

DEP. CHIEF :

APPROVED BY :

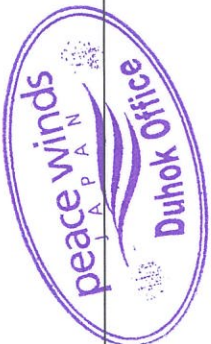
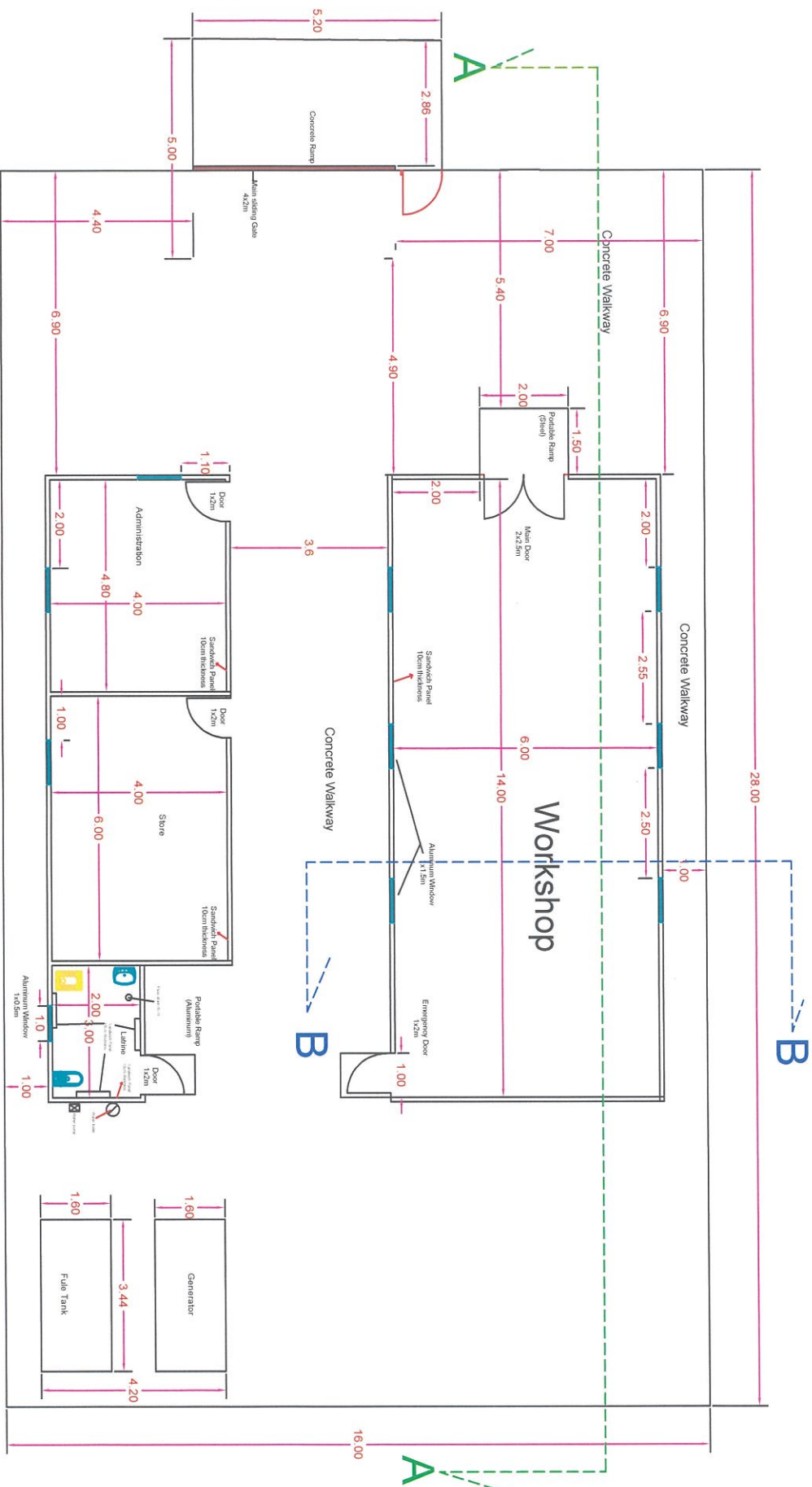
DATE :

B.P.R.M

SHEET SIZE :

SHEET NO :

1



Duhok Office



PROJECT NAME:

Establishment of Workshop and Tool  
service center in 4 IDP C camps / Duhok  
governorate

LEGEND

SHEET NAME :

Concrete area

DESIGNED BY :

P.W

DRAWING BY :

DEP. CHIEF :

APPROVED BY :

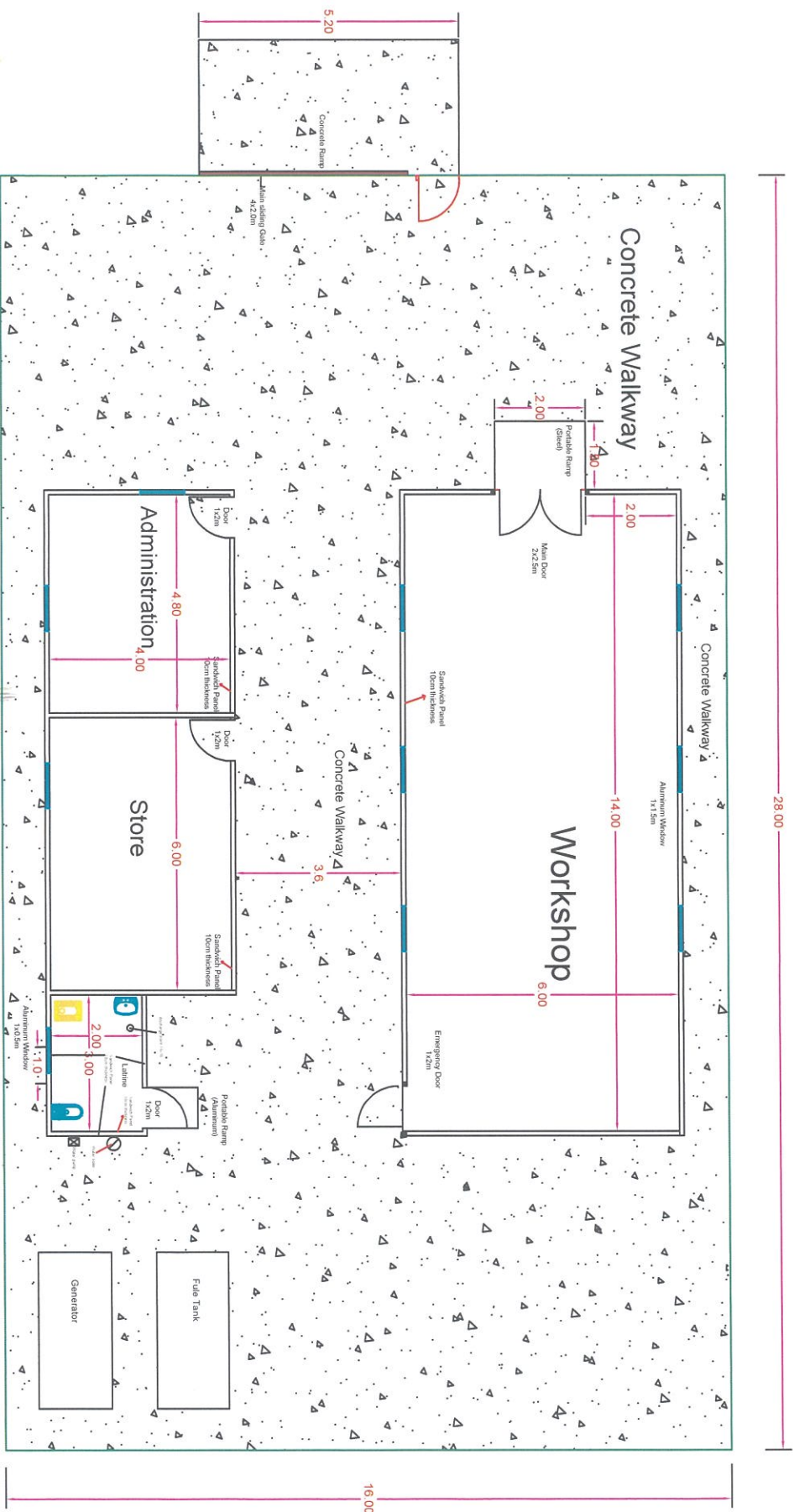
B.P.R.M

DATE :

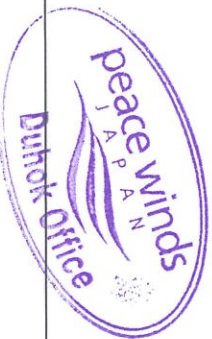
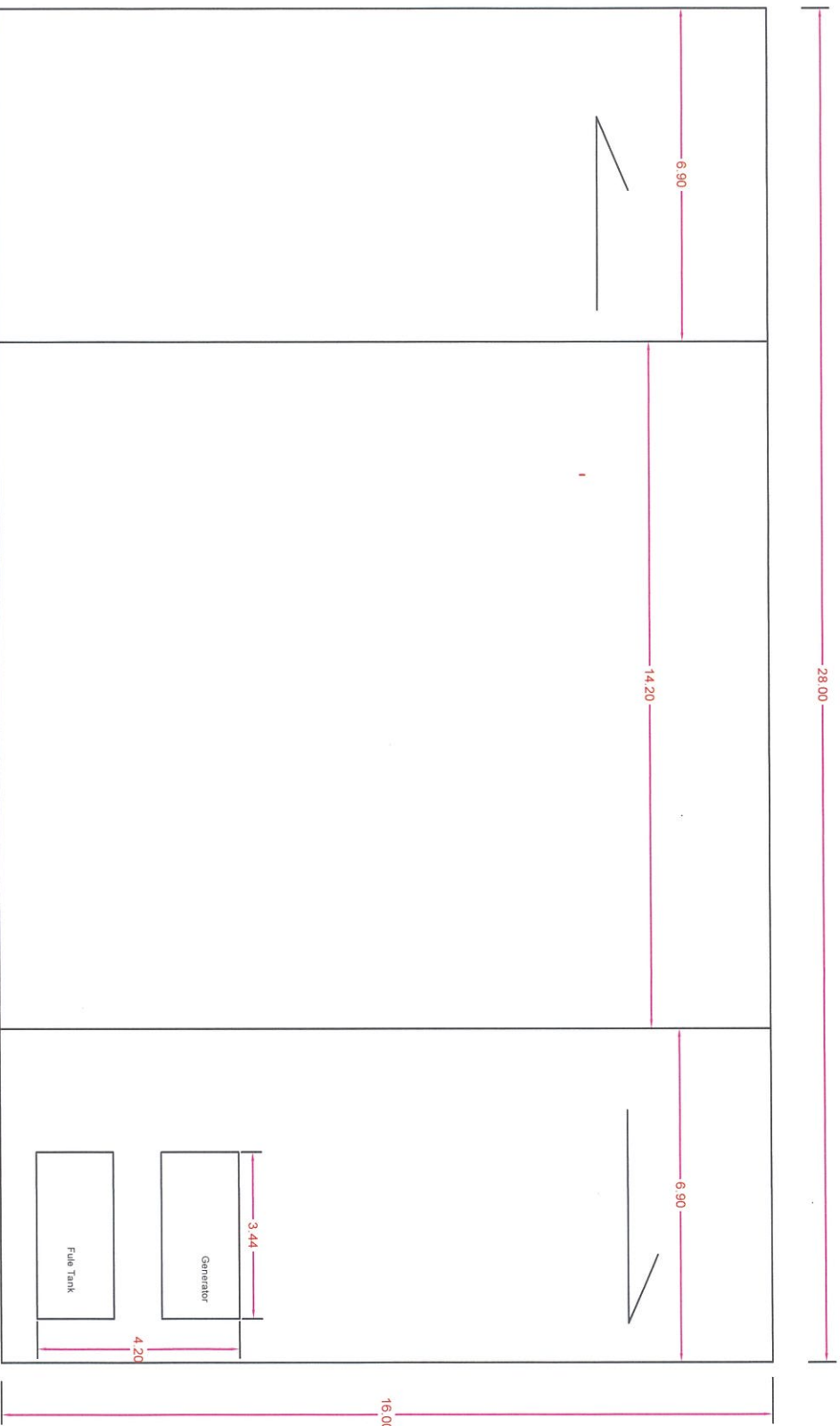
SHEET SIZE :

SHEET NO :

2



Duhok Office



PROJECT NAME

Establishment of Workshop and Tool  
service center in 4 IDP Camps / Duhok  
governorate

LEGEND

SHEET NAME :	
Floor drain slops	

DESIGNED BY : P.W

DRAWING BY :

DEP. CHIEF :

APPROVED BY :

B.P.R.M

DATE :

SHEET SIZE

SHEET NO : 3



PROJECT NAME :

Establishment of Workshop and Tool  
service center in 4 IDP Camps / Duhok  
governorate

LEGEND

SHEET NAME :

Section A-A

DESIGNED BY :  
P.W

DRAWING BY :

DEP. CHIEF :

APPROVED BY :  
B.P.R.M

DATE :

SHEET SIZE :

SHEET NO. :  
4

Main support

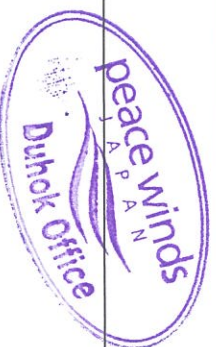
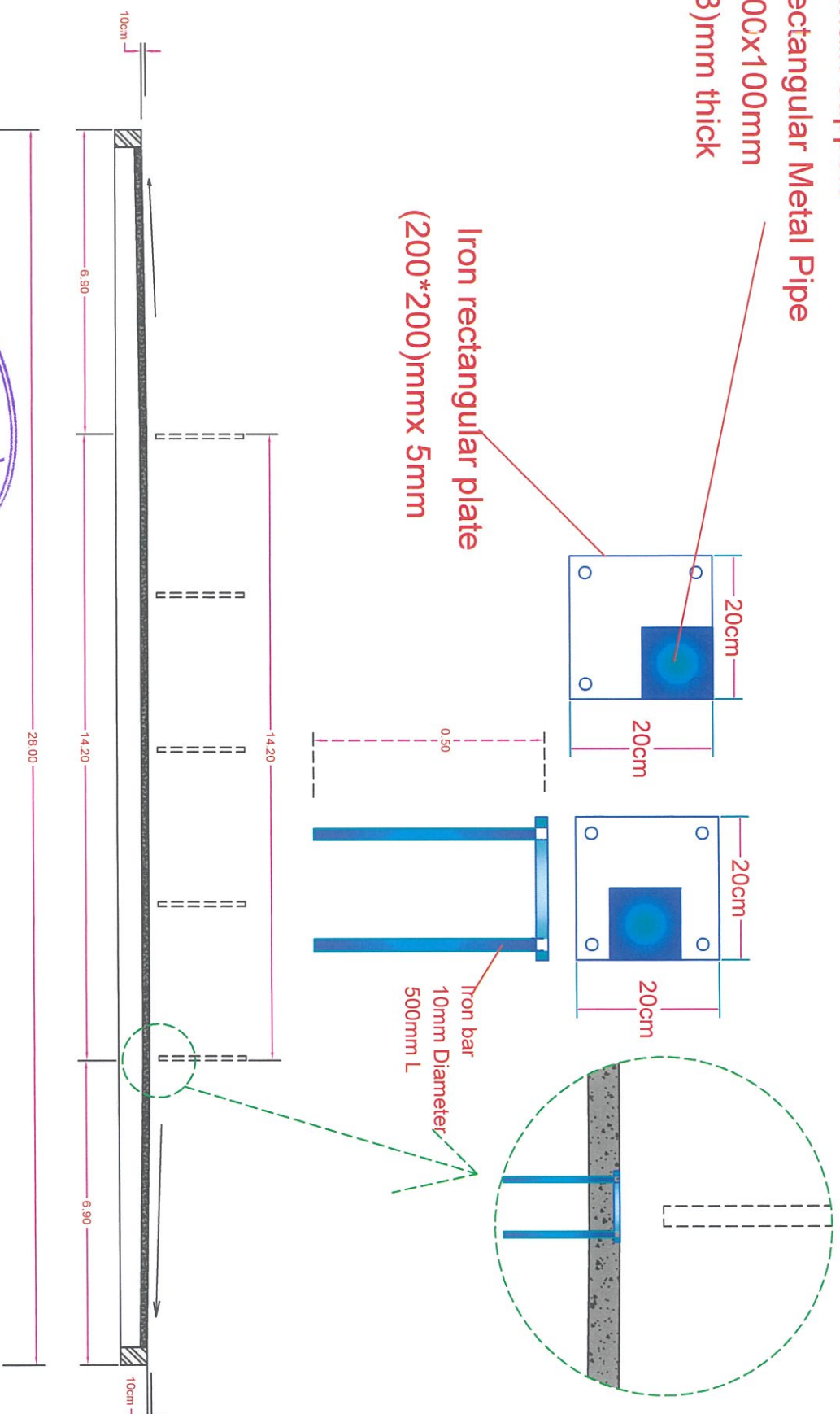
rectangular Metal Pipe

100x100mm  
(3)mm thick

Iron rectangular plate

(200\*200)mmx 5mm

Iron bar  
10mm Diameter  
500mm L







PROJECT NAME :

Establishment of Workshop and Tool  
service center in 4 IDP Camps / Duhok  
governorate

LEGEND

SHEET NAME :

Iron layout for floor

DESIGNED BY :  
P.W

DRAWING BY :

DEP.CHEF :

APPROVED BY :

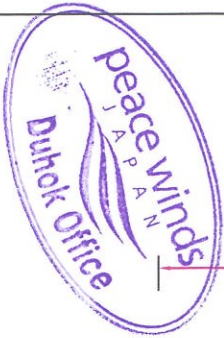
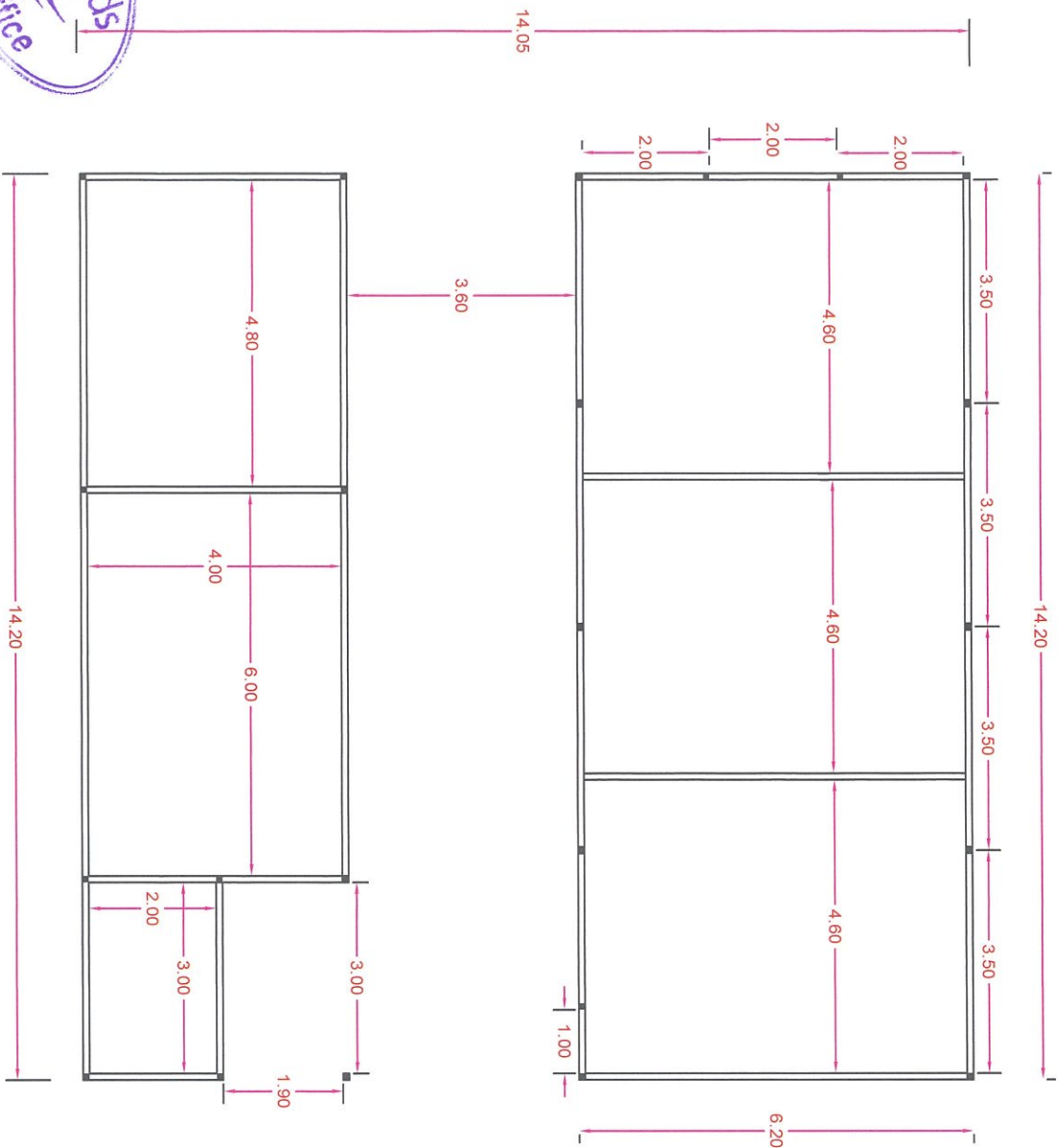
B.P.R.M

DATE :

SHEET SIZE :

SHEET NO :

5





PROJECT NAME :

Establishment of Workshop and Tool service center in 4 IDP Camps / Duhok governorate

LEGEND

SHEET NAME :

Retaining wall details

DESIGNED BY : P.W

DRAWING BY :

DEP CHIEF :

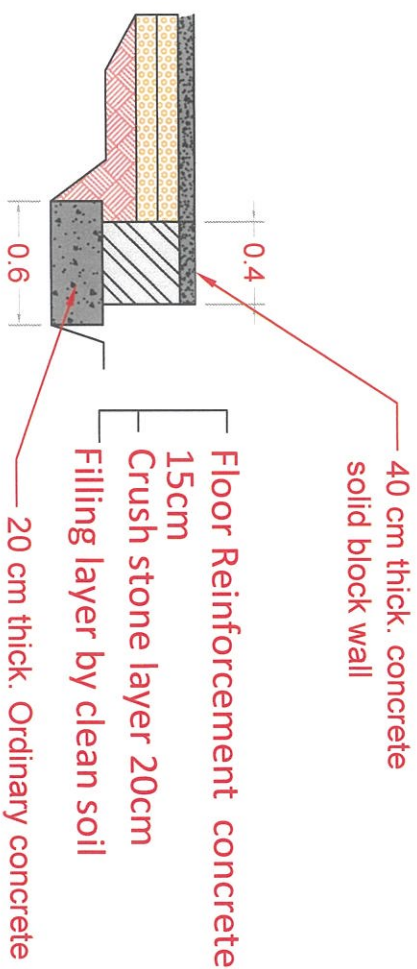
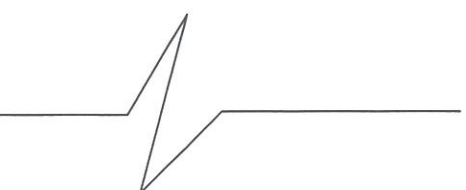
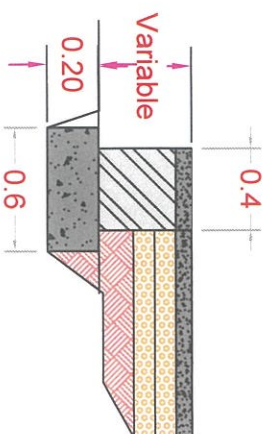
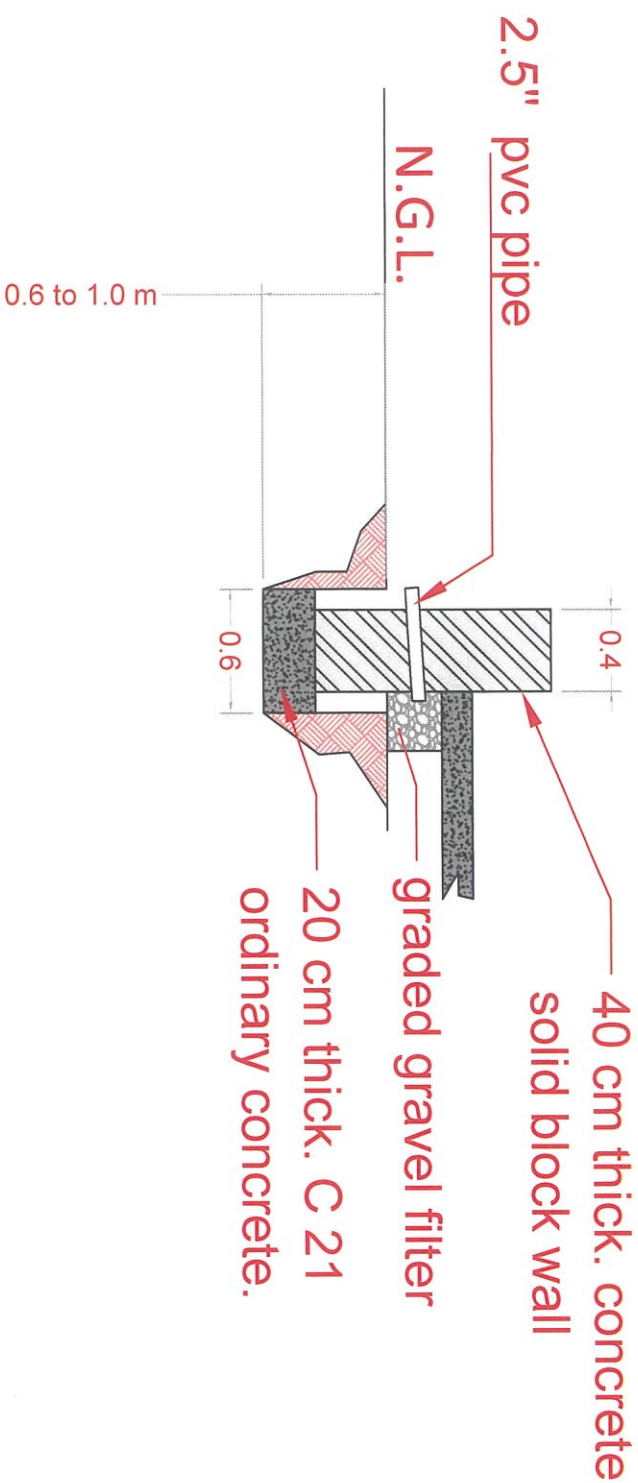
APPROVED BY :

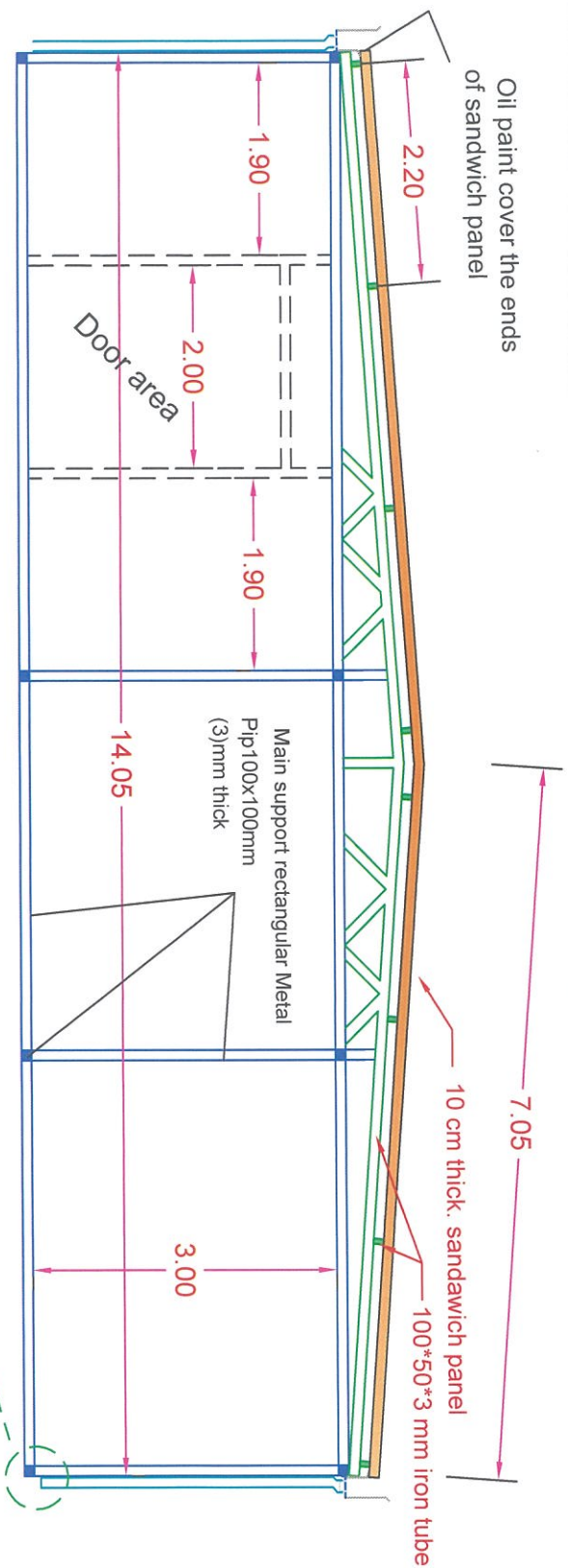
B.P.R.M

DATE :

SHEET SIZE

SHEET NO : 6





Main support rectangular Metal Pipe  
100x100mm(3)mm thick

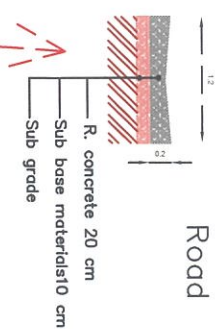
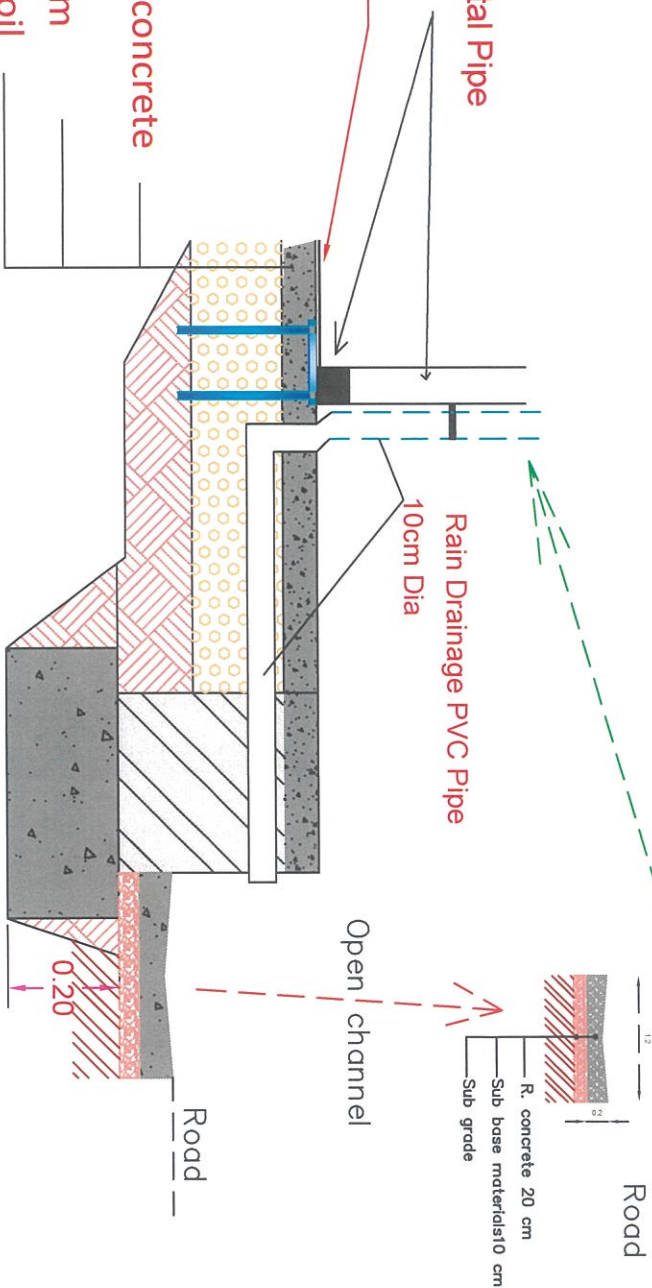
Iron checker plates thickens 3mm

Floor Reinforcement concrete

15cm

Crush stone layer 20cm

Filling layer by clean soil



PROJECT NAME :

Establishment of Workshop and Tool  
service center in 4 IDP Camps / Duhok  
governorate

LEGEND

SHEET NAME :

Cross section B-B

DESIGNED BY : P.W

DRAWING BY :

DEP CHIEF :

APPROVED BY :

B.P.R.M

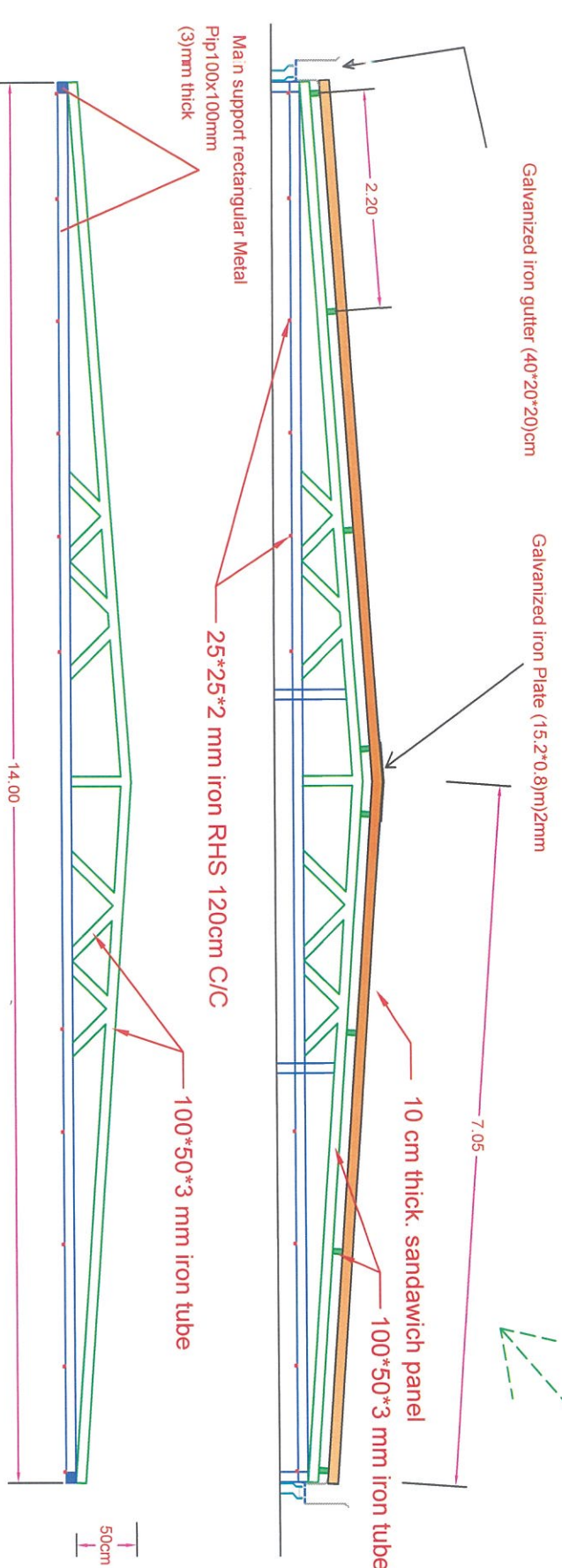
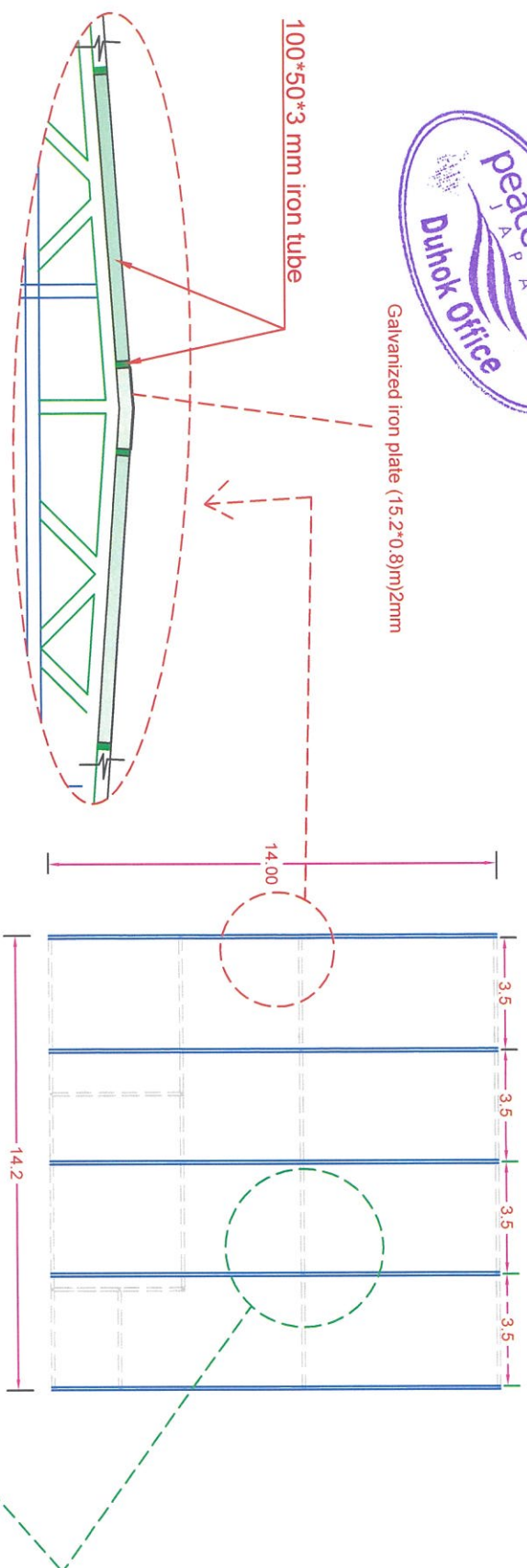
DATE :

SHEET SIZE :

SHEET NO :

7





PROJECT NAME :

Establishment of Workshop and Tool  
service center in 4 IDP Camps / Duhok  
governorate

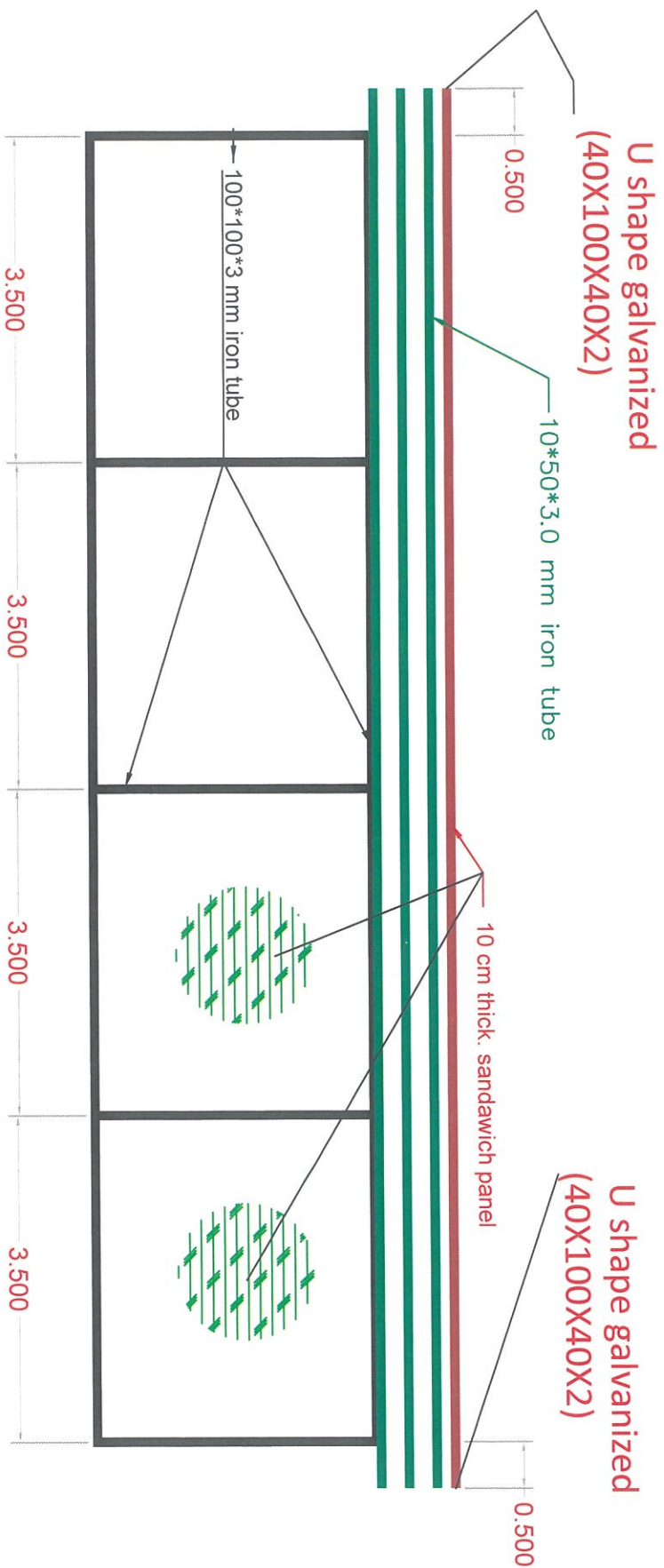
LEGEND

SHEET NAME :	
DESIGNED BY :	P.W
DRAWING BY :	
DEP CHIEF :	
APPROVED BY :	B.P.R.M
DATE :	

Iron details for Roof

SHEET NO :	8
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# Cross-section B-B of W.S. building



PROJECT NAME :

Establishment of Workshop and Tool  
service center in 4 IDP Camps / Duhok  
governorate

LEGEND

SHEET NAME :

Wall details

DESIGNED BY : P.W

DRAWING BY :

DEP CHIEF :

APPROVED BY : B.P.R.M

DATE :

SHEET SIZE :

SHEET NO : 9

100\*100\*3 mm  
iron tube

100\*100\*3 mm  
iron tube

100\*100\*3 mm  
iron RHS



100\*50\*3 mm  
iron rectangular  
pipe

50\*50\*2.0 mm  
iron rectangular  
pipe



PROJECT NAME :

Establishment of Workshop and Tool  
service center in 4 IDP Camps / Duhok  
governorate

LEGEND

SHEET NAME :

Iron details for floor

DESIGNED BY : P.W

DRAWING BY :

DEP.CHEF :

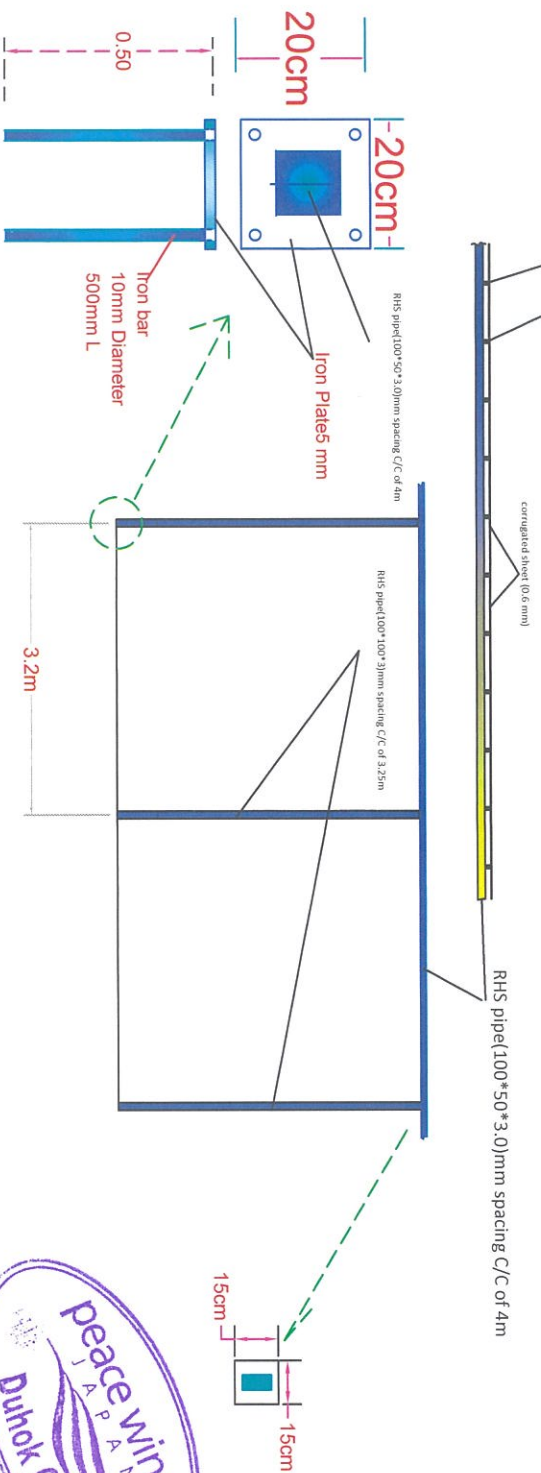
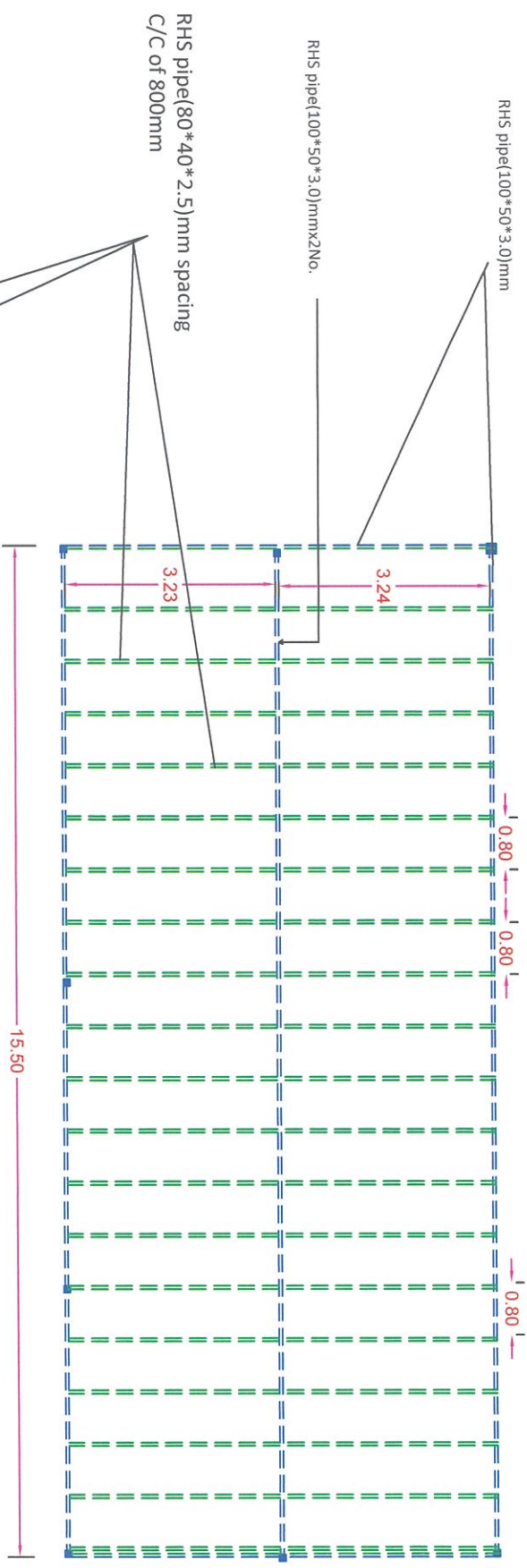
APPROVED BY :

B.P.R.M

DATE :

SHEET SIZE :

SHEET NO : 10






PROJECT NAME :

Establishment of Workshop and Tool service center in 4 IDP Camps / Duhok governorate

LEGEND

SHEET NAME :

Shade area details

DESIGNED BY :	P.W
DRAWING BY :	
DEP. CHIEF :	
APPROVED BY :	B.P.R.M
DATE :	
SHEET SIZE :	
SHEET NO :	11

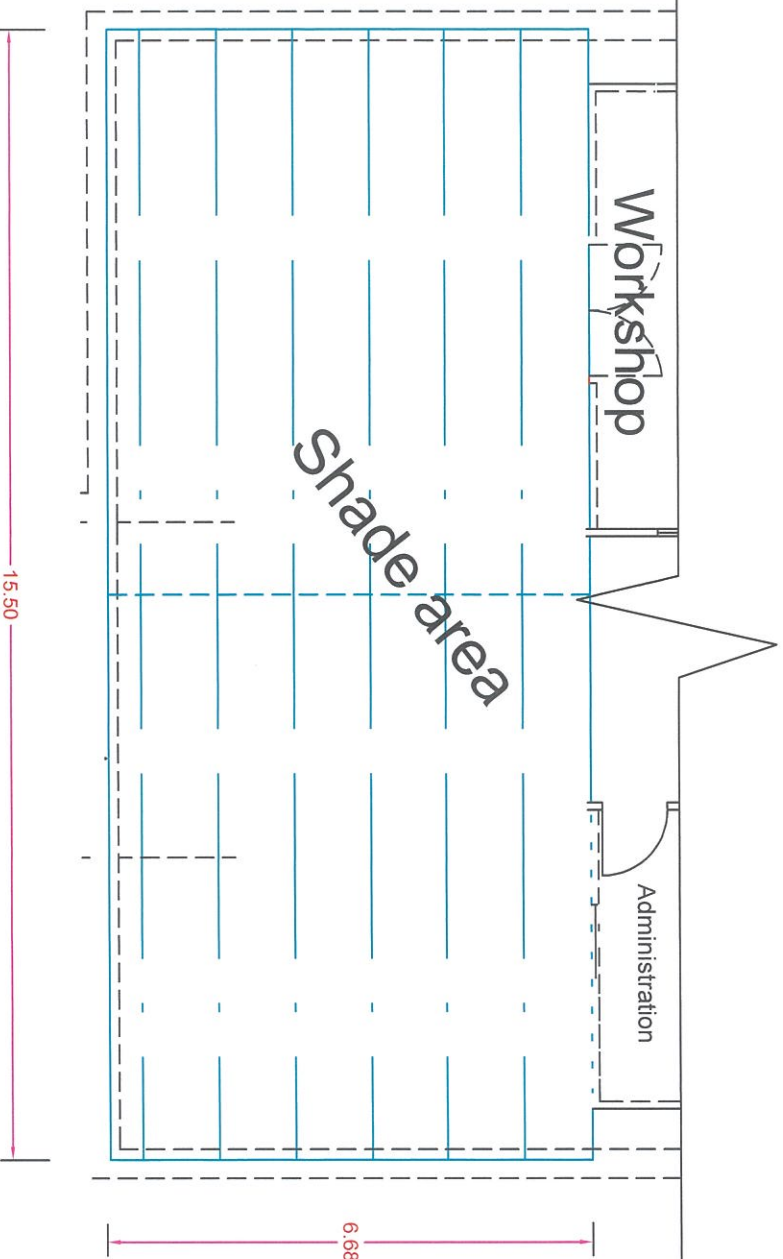
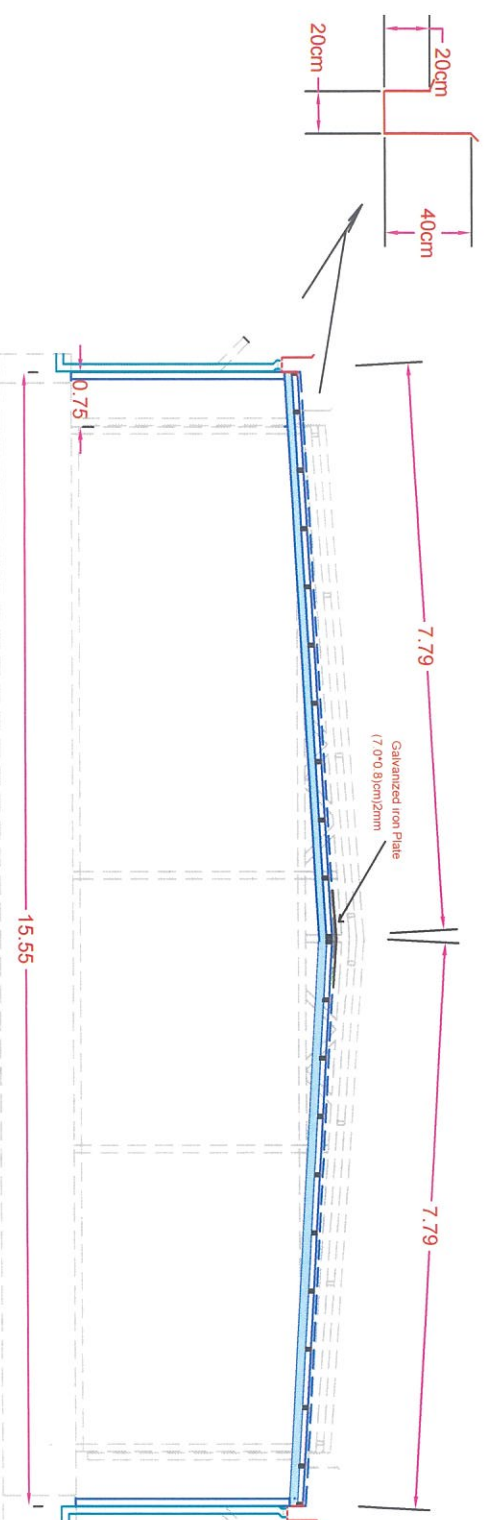




PROJECT NAME :

Establishment of Workshop and Tool  
service center in 4 IDP Camps / Duhok  
governorate

LEGEND



SHEET NAME :

Shade area location

DESIGNED BY : P.W

DRAWING BY :

DEP CHIEF :

APPROVED BY :

B.P.R.M

DATE :

SHEET SIZE :

SHEET NO : 12



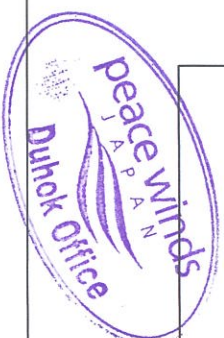
Establishment of Workshop and Tool service center in 4 IDP Camps / Duhok governorate

S.T : Septic tank  
CP : cesspool  
M.H : Main hole



P.W	
B.P.I	

SHEET NO: 13



Establishment of Workshop and Tool service center in 4 IDP Camps / Duhok governorate

S.T : Septic tank  
CP : cesspool  
M.H : Main hole



## Iron plates layout

DRAWING BY : P.W

DRAWING BY : P.W

APPROVED BY : **B.P.R.M**

SHEET SIZE

SHEET SIZE

14





Establishment of Workshop and Tool service center in 4 IDP Camps / Duhok governorate

Technical drawing of a rectangular plate. The drawing shows a rectangle with dimensions 1.31 (width) and 1.45 (height). There are four holes, one in each corner. A leader line points to one of the holes with the text "Holes 4 No for peach pipe".

SHEET NAME :  
Septic tank & cesspool details

DRAWING BY:

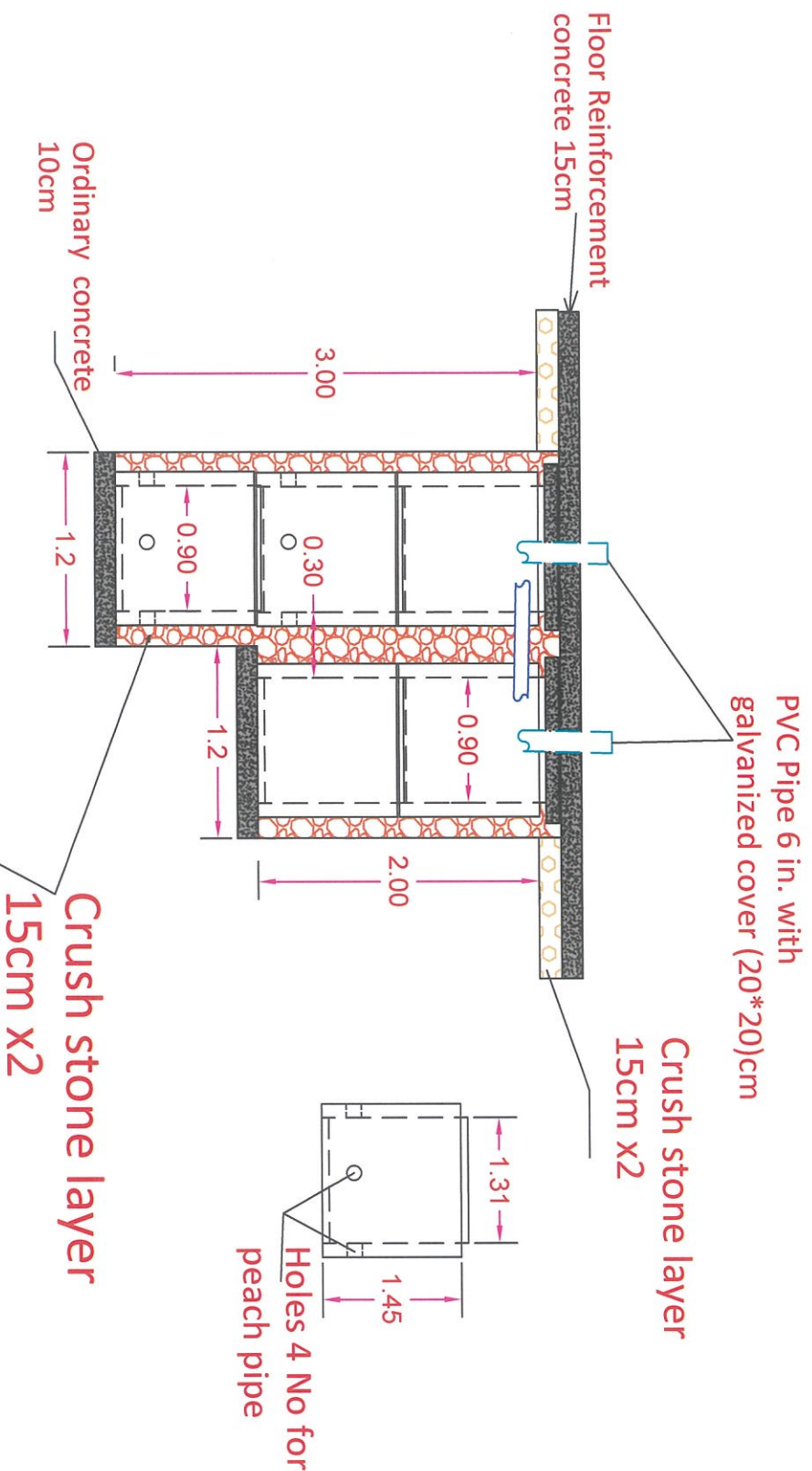
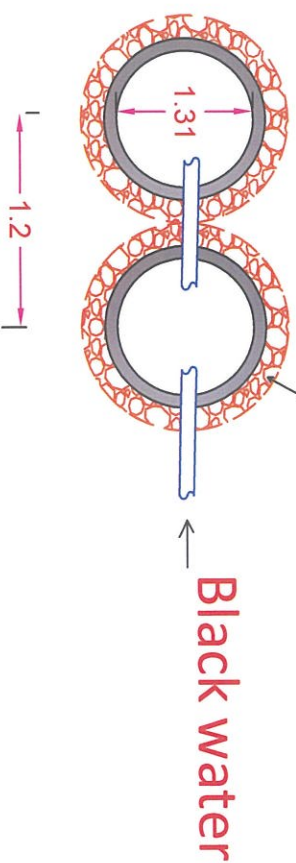
DEP.CHEF :

APPROVED BY

DATE \_\_\_\_\_

SHEET SIZE

SHEET NO : 15

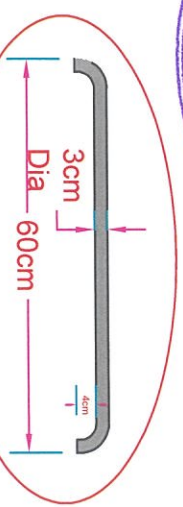




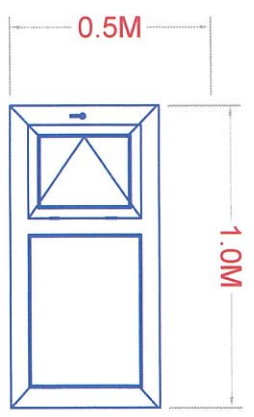
PROJECT NAME :

Establishment of Workshop and Tool service center in 4 IDP Camps / Duhok governorate

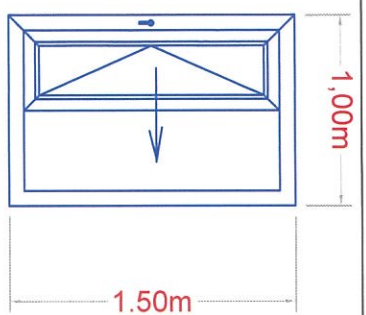
LEGEND



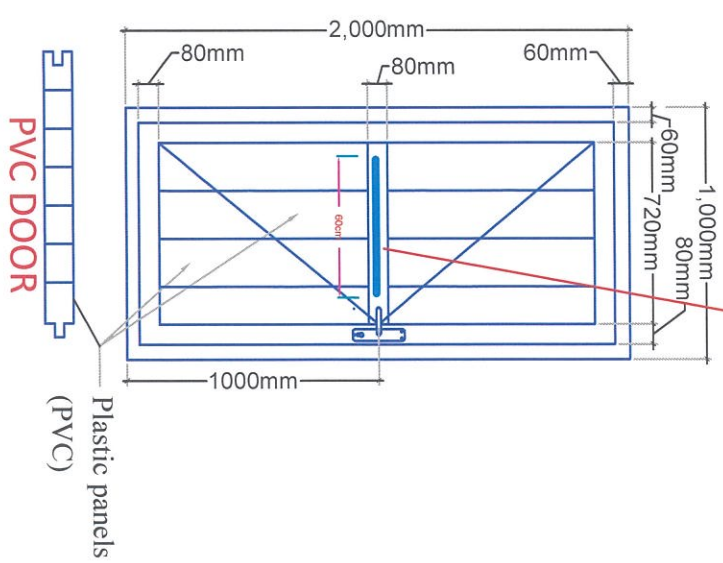
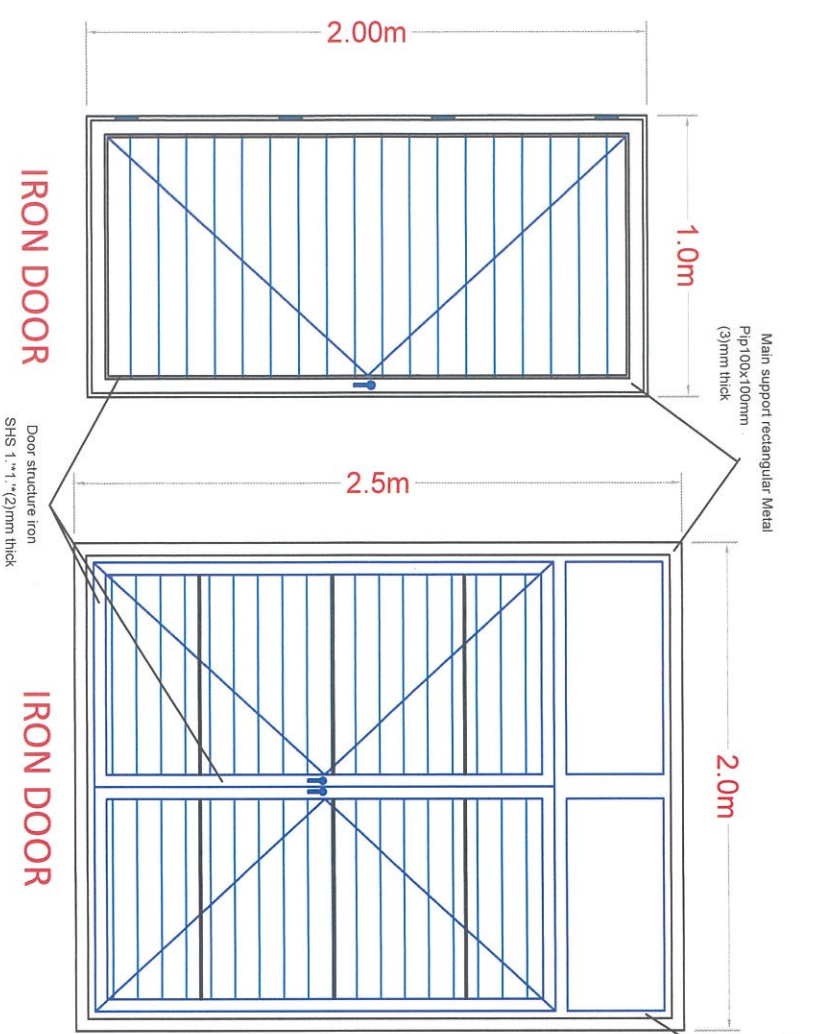
Circular Aluminum Grab bar  
3cm Diameter (Latrine door)  
For both sides of the Door



Aluminum Window



Aluminum Window



PVC DOOR

IRON DOOR

IRON DOOR

SHEET NAME :

Door and windows

DESIGNED BY : P.W

DRAWING BY :

DEF. CHIEF :

APPROVED BY : B.P.R.M

DATE :

SHEET SIZE :

SHEET NO :

16



PROJECT NAME :

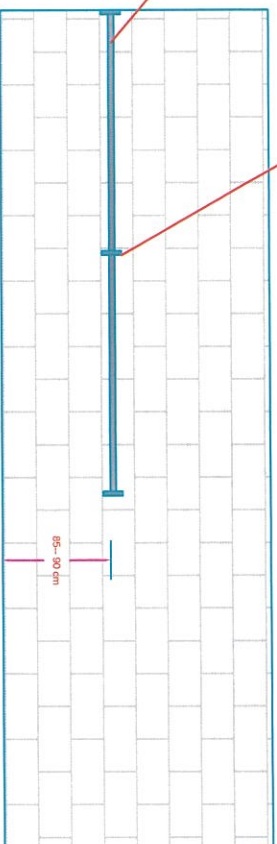
Establishment of Workshop and Tool  
service center in 4 IDP Camps / Duhok  
governorate

LEGEND

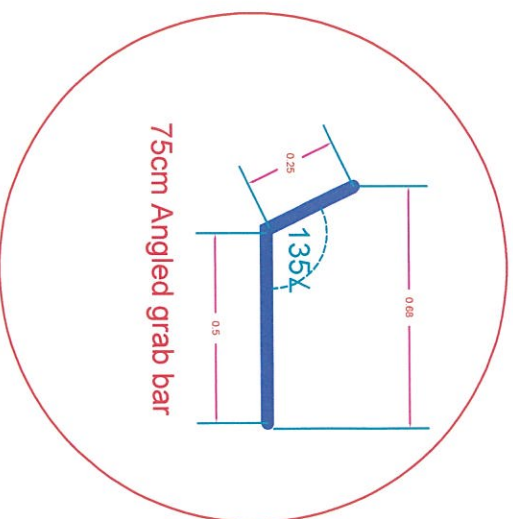
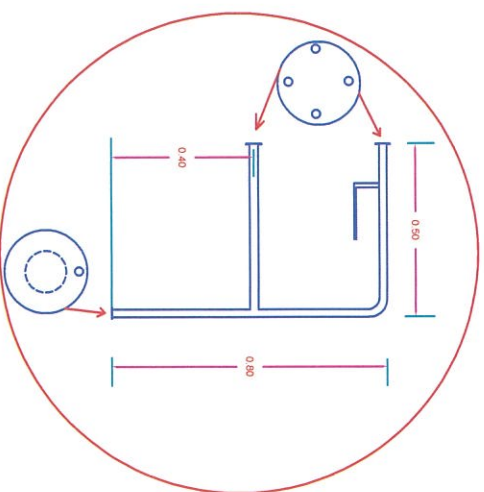


Aluminum L holder  
with 5mm thick

Aluminum grab bar 5cm  
with 1.5mm thick



Aluminum Wall Handrail



SHEET NAME :

Aluminum grab bar

DESIGNED BY : P.W

DRAWING BY :

DEP.CHEF :

APPROVED BY :

B.P.R.M

DATE :

SHEET SIZE :

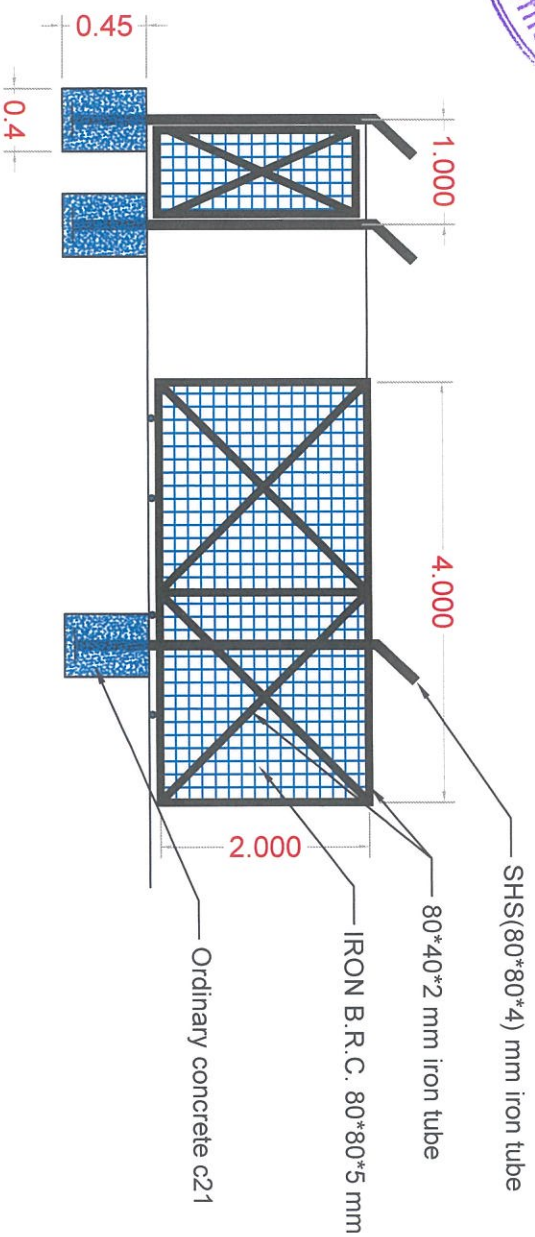
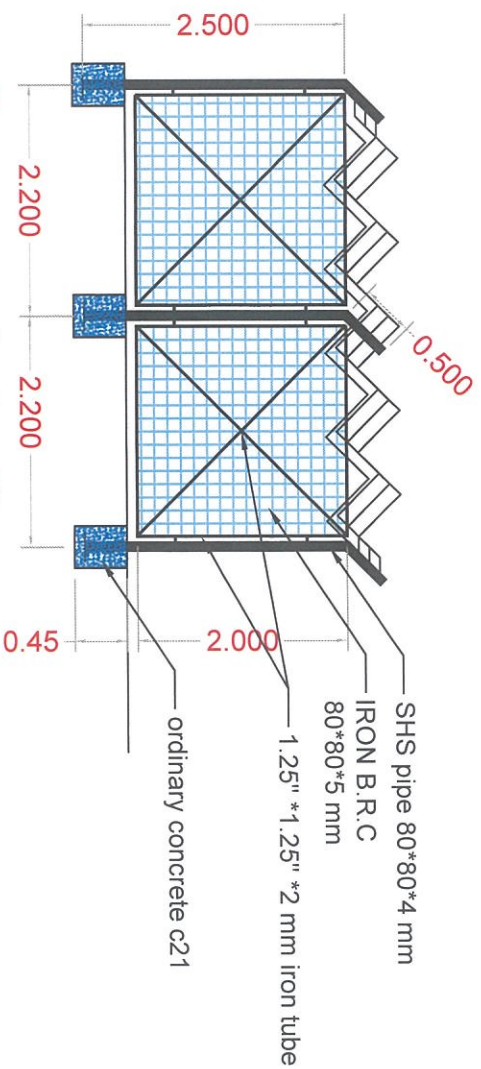
SHEET NO :

17





## fence details



PROJECT NAME :

Establishment of Workshop and Tool  
service center in 4 IDP Camps / Duhok  
governorate

LEGEND

SHEET NAME :

Fence & Gate details

DESIGNED BY: P.W

DRAWING BY:

DEP.CHEF :

APPROVED BY: B.P.R.M

DATE :

SHEET SIZE :

SHEET NO :

18



PROJECT NAME :

Establishment of Workshop and Tool service center in 4 IDP Camps / Duhok governorate

# LEGEND

SHEET NAME :  
Floor and Wall Handrail Details

DESIGNED BY :  
P.W

DRAWING BY :

DEP CHIEF :

APPROVED BY :

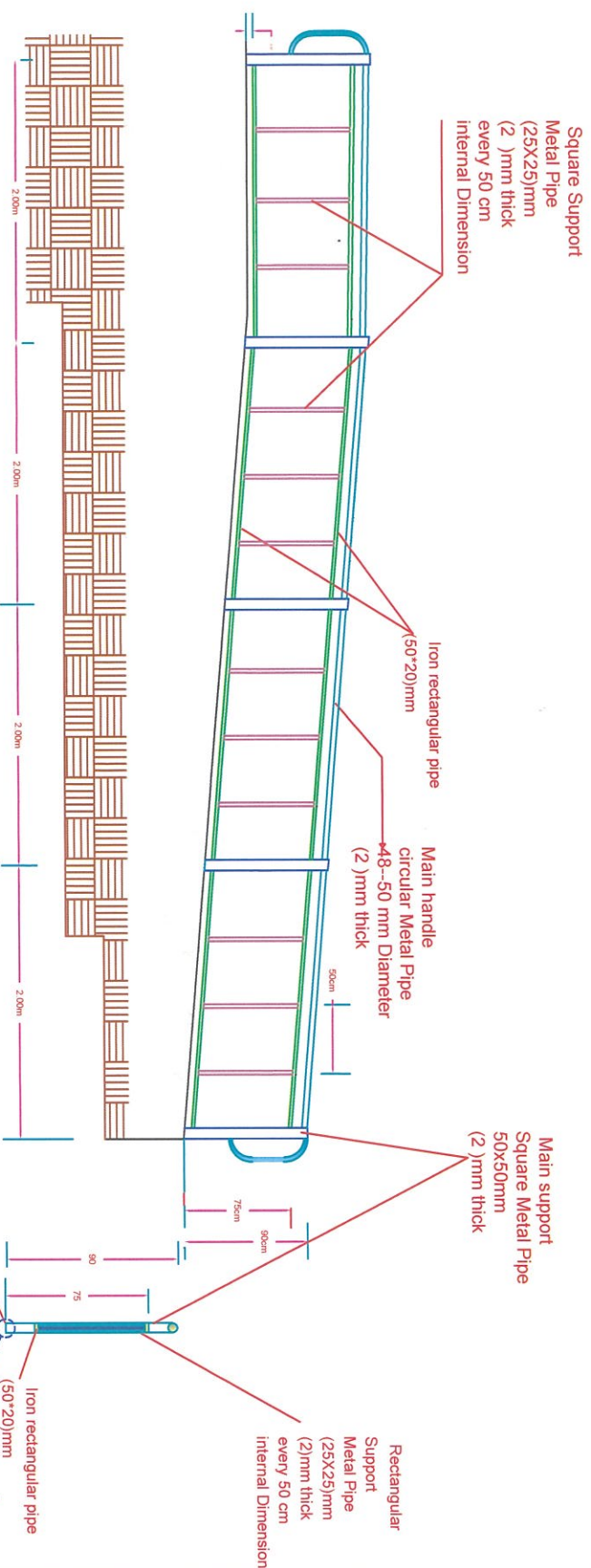
B.P.R.M

DATE :

SHEET SIZE

SHEET NO :

19



Floor Handrail Details using Metal Pipe  
painted with anti Rust paint and Oil paint



PROJECT NAME :

Establishment of Workshop and Tool service center in 4 IDP Camps / Duhok governorate

LEGEND

--	--

SHEET NAME :

Portable iron ramp

DESIGNED BY : P.W

DRAWING BY :

DEP CHIEF :

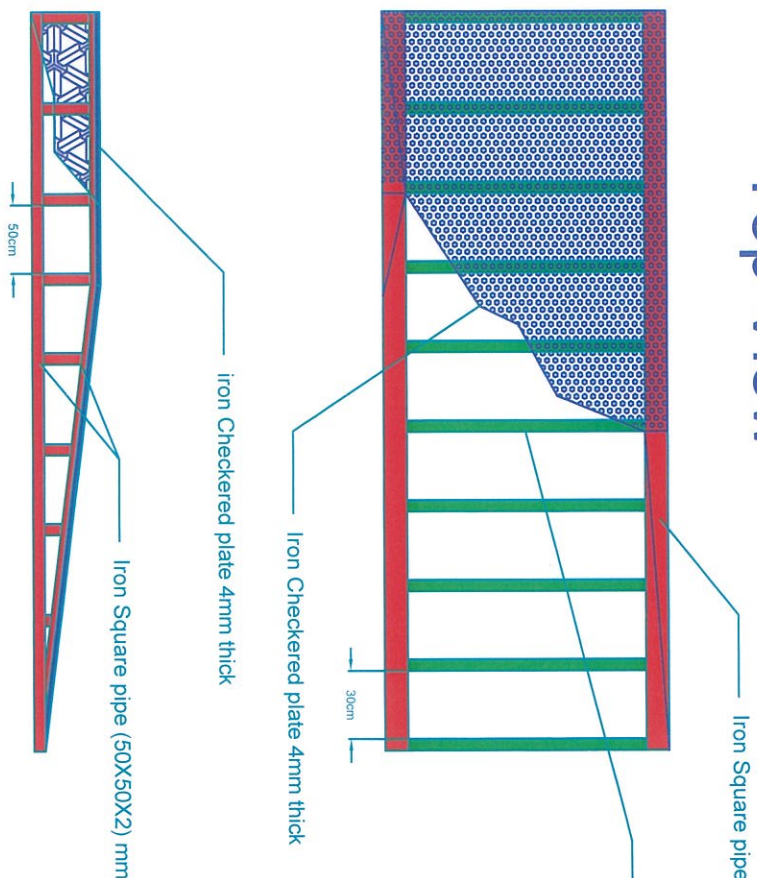
APPROVED BY : B.P.R.M

DATE :

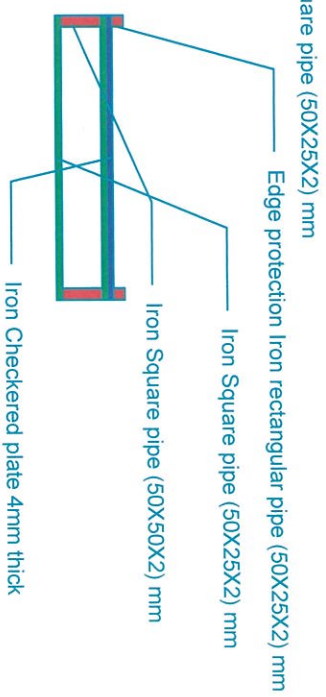
SHEET SIZE :

SHEET NO : 20

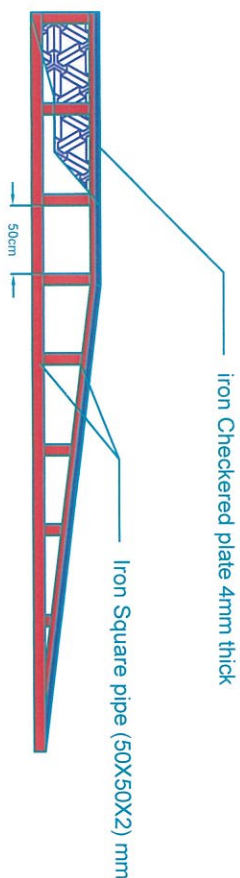
Top View



Front View



Side View



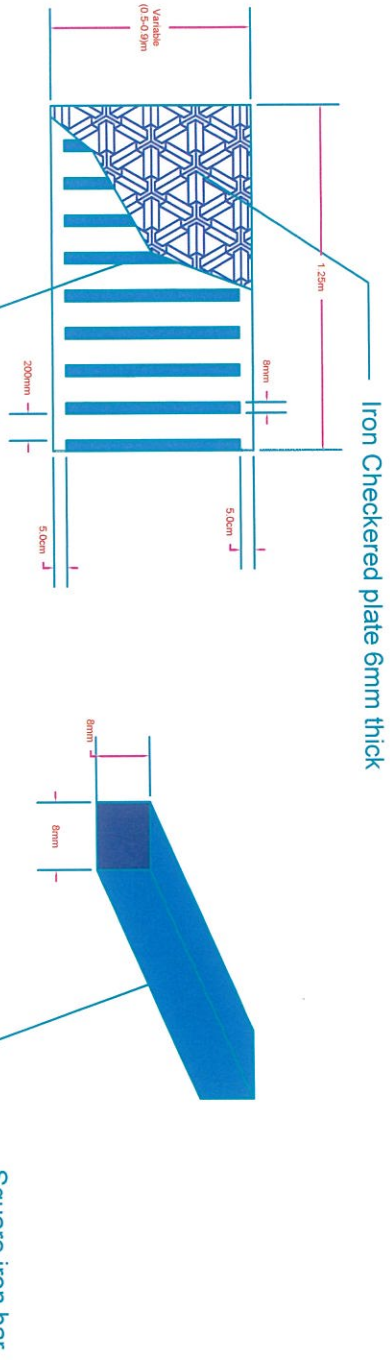




PROJECT NAME :

Establishment of Workshop and Tool  
service center in 4 IDP Camps / Duhok  
governorate

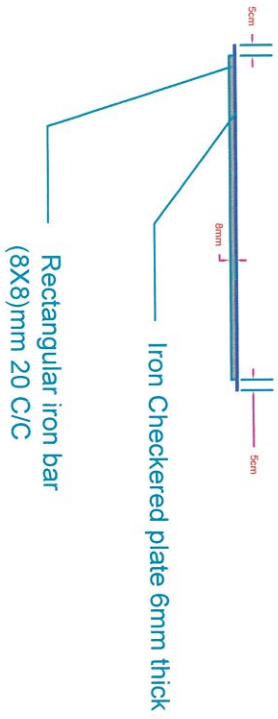
LEGEND



Iron Checkered plate 6mm thick

Rectangular iron bar  
(8X8)mm 20 C/C

Square iron bar  
(8X8)mm 20 C/C



Iron Checkered plate 6mm thick

Rectangular iron bar  
(8X8)mm 20 C/C



SHEET NAME :

Iron Gutter details

DESIGNED BY :  
**P.W**

DRAWING BY :

DEP. CHIEF :

APPROVED BY :  
**B.P.R.M**

DATE :

SHEET SIZE :

SHEET NO :

21



PROJECT NAME :

Establishment of Workshop and Tool  
service center in 4 IDP Camps / Duhok  
governorate

LEGEND

**Note:**

All dimensions are in meter

SHEET NAME :

Windows & AC security  
protection

DESIGNED BY : **P.W**

DRAWING BY :

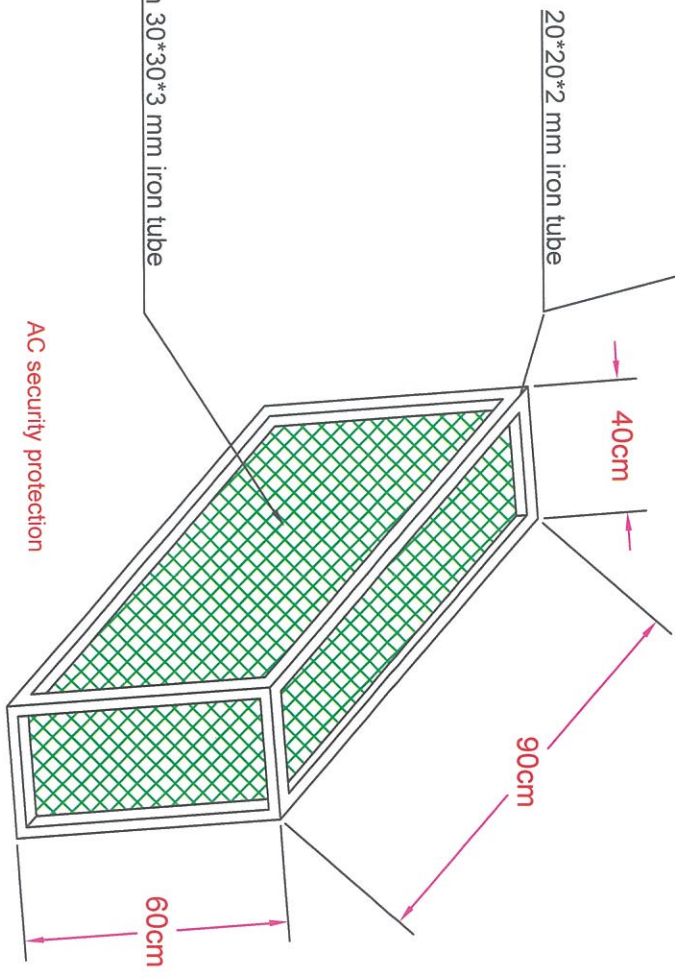
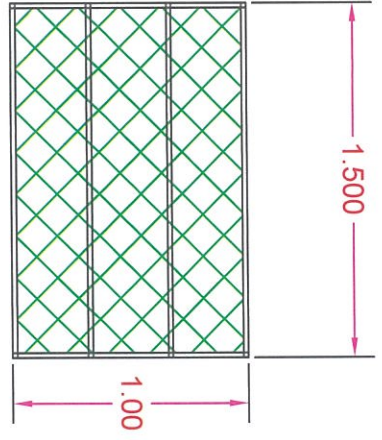
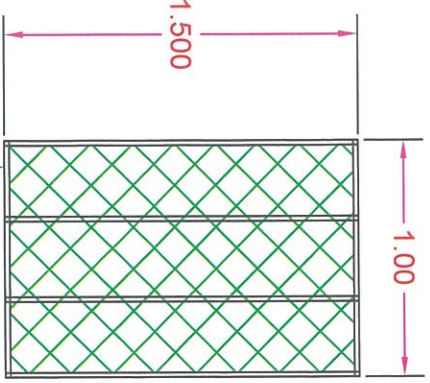
DEP.CHEF :

APPROVED BY : **B.P.R.M**

DATE :

SHEET SIZE :

SHEET NO : **22**





PROJECT NAME :

Establishment of Workshop and Tool  
service center in 4 IDP Camps / Duhok  
governorate

LEGEND

SHEET NAME :

DESIGNED BY :  
**P.W**

DRAWING BY :

DEP.CHIEF :

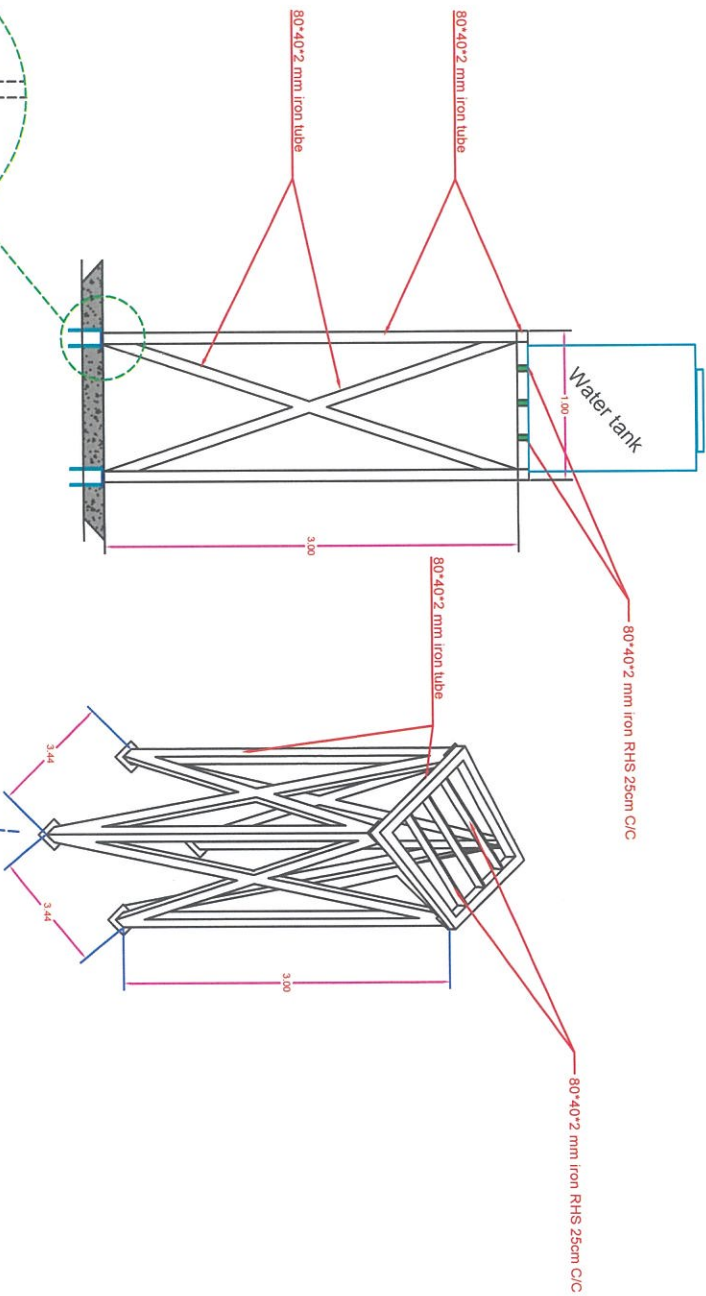
APPROVED BY :

**B.P.R.M**

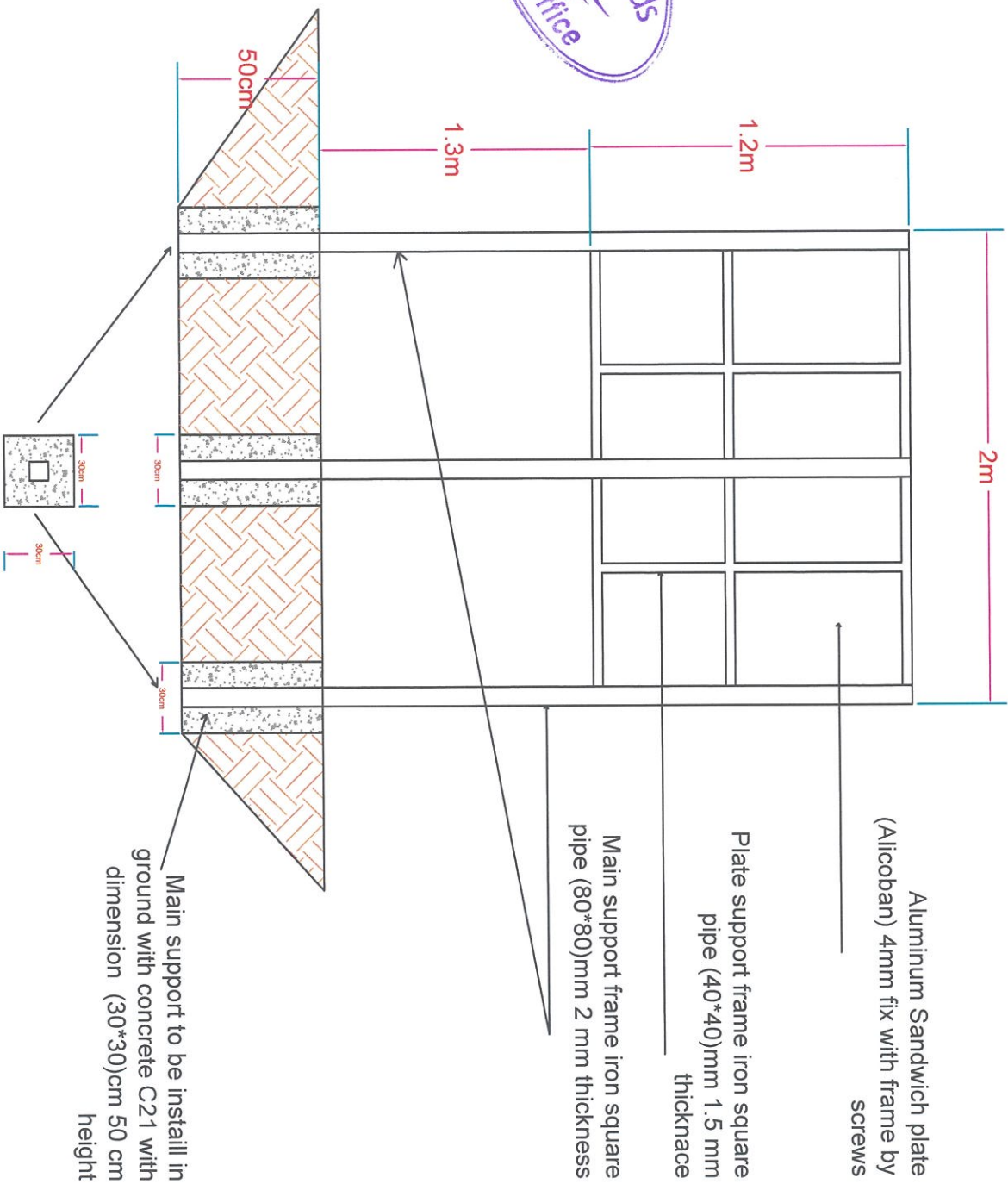
DATE :

SHEET SIZE :

SHEET NO :  
**23**







PROJECT NAME :

Establishment of Workshop and Tool  
service center in 4 IDP Camps / Duhoik  
governorate

LEGEND

All dimensions are in meter  
Name of project with all details  
must print on suitable sticker (best type and water proof type )  
and must paste on the  
Aluminum plate for each camp

SHEET NAME :

Topical signboard structure

DESIGNED BY : P.W

DRAWING BY :

DEP CHIEF :

APPROVED BY :

B.P.R.M

DATE :

SHEET SIZE

SHEET NO :

24