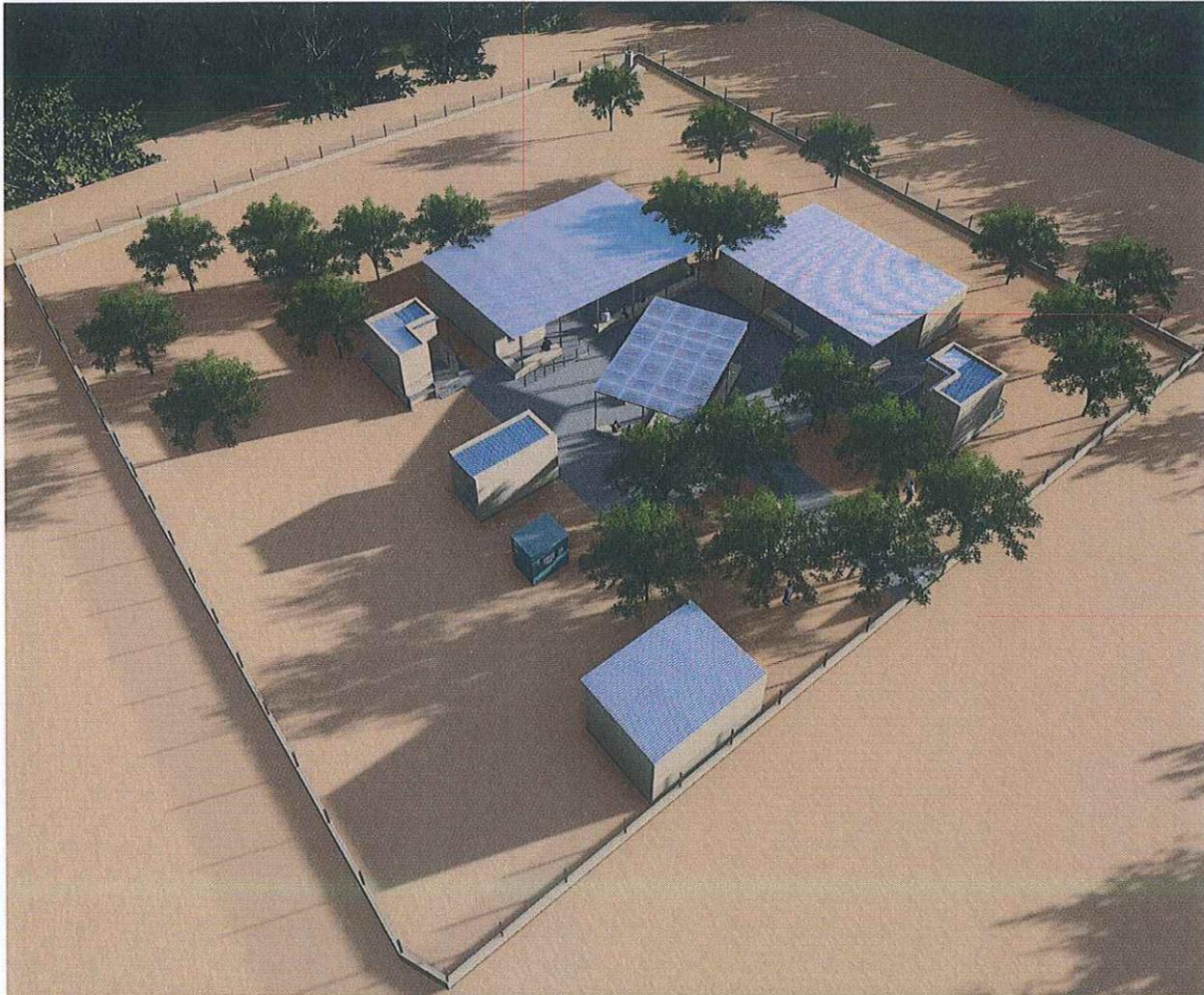




BLOCK A



CHILDREN PLAY GROUND



BLOCK B



MAIN ENTRANCE



PROJECT NAME:
PHC OF AL SALAM -
NUTRITION PROGRAM
(ALF05)

LOCATION:
NORTHERN EAST AL FASHER

DRAWING TITLE:
GENERAL VIEWS

DATE:
10.01.2022

ARCHITECT:
ENG.Rabab Azhari Fadle Elseed

CHECKED BY:
ENG AMRAN MOHAMMED OTHMA

GENERALS	
DRAWING NO	DRAWING TITLE
G_01	SITE PLAN EXISTING SITUATION & DESIGN PROPOSAL
G_02	GROUND FLOOR PLAN EXISTING DESIGN
G_03	GROUND FLOOR PLAN DESIGN PROPOSAL

GENERALS PLUMPING AND ELECTRICAL	
DRAWING NO	DRAWING TITLE
GP_01	WATER SUPPLY DESIGN
GP_02	WATER TANK SYSTEM
GP_03	ABSORBING WELL DETAILS
GP_04	WATER TOWER DETAILS
GP_05	WATER TOWER FOUNDATION DETAILS
GPE_06	GENERAL PLAN ELECTRICAL LAYOUT

BLOCK CPG	
DRAWING NO	DRAWING TITLE
CPG_01	CHILDREN PLAY GROUND PLAN
CPG_02	CHILDREN PLAY GROUND ROOF PLAN
CPG_03	CHILDREN PLAY GROUND SECTION
CPG_04	CHILDREN PLAY GROUND - 3D SOLAR PANEL DETAILS
CPG_05	CHILDREN PLAY GROUND ELECTRICAL LAYOUT

BLOCK E	
DRAWING NO	DRAWING TITLE
E_01	ELECTRICAL ROOM PLANS & DETAILS
E_02	ELECTRICAL ROOM. ELECTRICAL LAYOUT

BLOCK A	
DRAWING NO	DRAWING TITLE
A_01	GROUND FLOOR PLAN
A_02	ROOF PLAN
A_03	ROOF STRUCTURE PLAN
A_04	ROOF SECTION
A_05	LINTEL BEAM & CALLOUT
A_06	ELEVATIONS
A_07	SECTION -A & B-
A_08	RAMP SECTION & 3D
A_09	GROUND FLOOR PLAN DOORS & WINDOWS
A_10	DOORS & WINDOWS DETAILS
A_11	GROUND FLOOR PLAN FURNITURE
A_12	BLOCK A ELECTRICAL LAYOUT

BLOCK B	
DRAWING NO	DRAWING TITLE
B_01	GROUND FLOOR PLAN
B_02	ROOF PLAN
B_03	ROOF STRUCTURE PLAN
B_04	ROOF SECTION
B_05	LINTEL BEAM & CALLOUT
B_06	ELEVATIONS
B_07	SECTION -A & B-
B_08	RAMP SECTION & 3D
B_09	GROUND FLOOR PLAN DOORS & WINDOWS
B_10	DOORS & WINDOWS DETAILS
B_11	GROUND FLOOR PLAN FURNITURE
B_12	BLOCK B ELECTRICAL LAYOUT

BLOCK T1	
DRAWING NO	DRAWING TITLE
T1_01	LATRINE UNDER GROUND EXCAVATION PLAN
T1_02	GROUND FLOOR PLAN
T1_03	ROOF PLAN
T1_04	ELEVATIONS
T1_05	DETAILS
T1_06	WELL DETAILS
T1_07	W.C ROOF SYSTEM
T1_08	BLOCK T1 ELECTRICAL LAYOUT

BLOCK T2	
DRAWING NO	DRAWING TITLE
T2_01	LATRINE UNDER GROUND EXCAVATION PLAN
T2_02	GROUND FLOOR PLAN
T2_03	ROOF PLAN
T2_04	ELEVATIONS
T2_05	DETAILS
T2_06	WELL DETAILS
T2_07	W.C ROOF SYSTEM
T2_08	BLOCK T2 ELECTRICAL LAYOUT

MEDICAL WASTE DISPOSAL	
DRAWING NO	DRAWING TITLE
MWD_01	MEDICAL WASTE DISPOSAL PLAN, SECTION & 3D

FENCE	
DRAWING NO	DRAWING TITLE
F_01	FENCE DETAILS



AICS-Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

AL-Amarat Mohamed Najeab Street, Khartoum

TEL: +24925451234
+249115418666

EMAIL: DQTC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:

T05-EUF-HOA-SD-73-01

PROJECT TITLE:

PHC of Al Salam - Nutrition Program

LOCATION:

Northern East Al Fasher

ARCHITECTURAL ENGINEER:

ENG.RABAB AZHARI FADL ELSEED

CHECKED BY:

ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:

LIST OF DRAWINGS

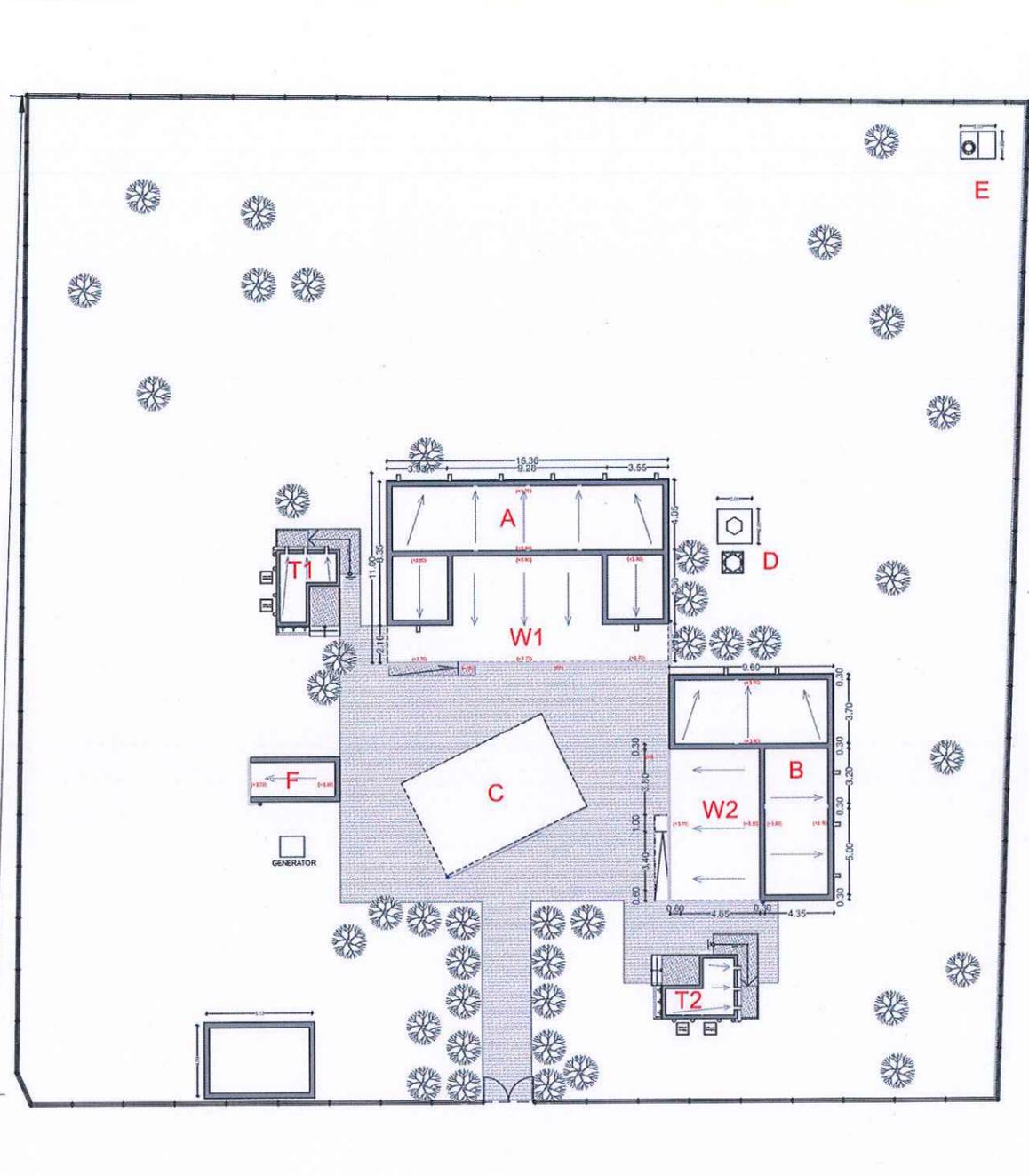
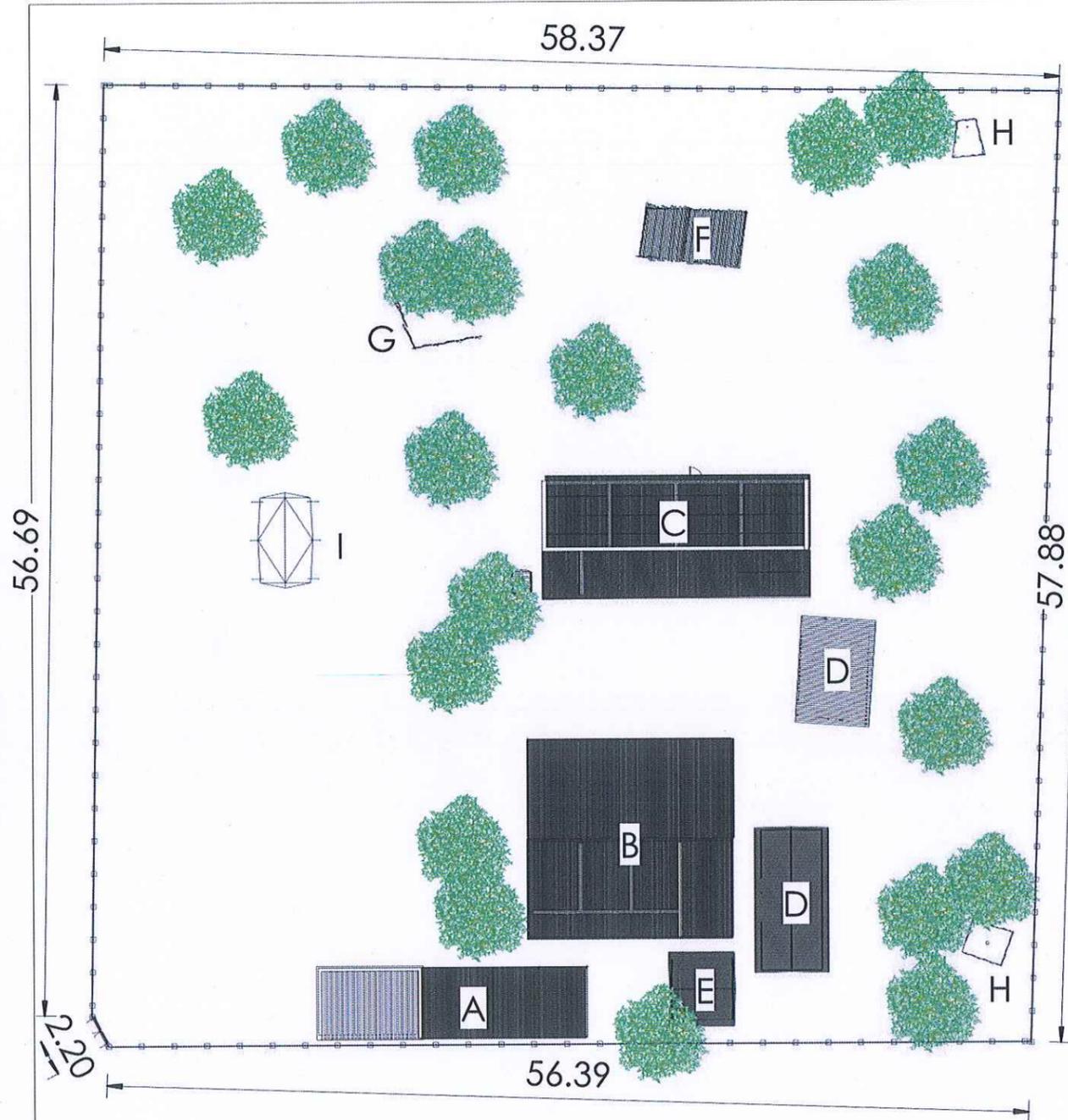
DATE: JANUARY 2022

INDEX:

01

SCALE:





DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation - T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

LOCATION :
NORTHERN EAST AL FASHER

ARCHITECT :
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :
SITE PLAN
Existing Situation & Design Proposal

INDEX : G-01 SCALE : 1:350

LEGEND

SITE PLAN - EXISTING

A	BLOCK A	F	BREAK FAST PLACE
B	BLOCK B	G	PRAYING AREA (RAKOOBA)
C	BLOCK C	W.A	WAITING AREA
D	WARD	H	LATRINE
E	KITCHEN	I	TENT

LEGEND

SITE PLAN - REHABILITATION DESIGN

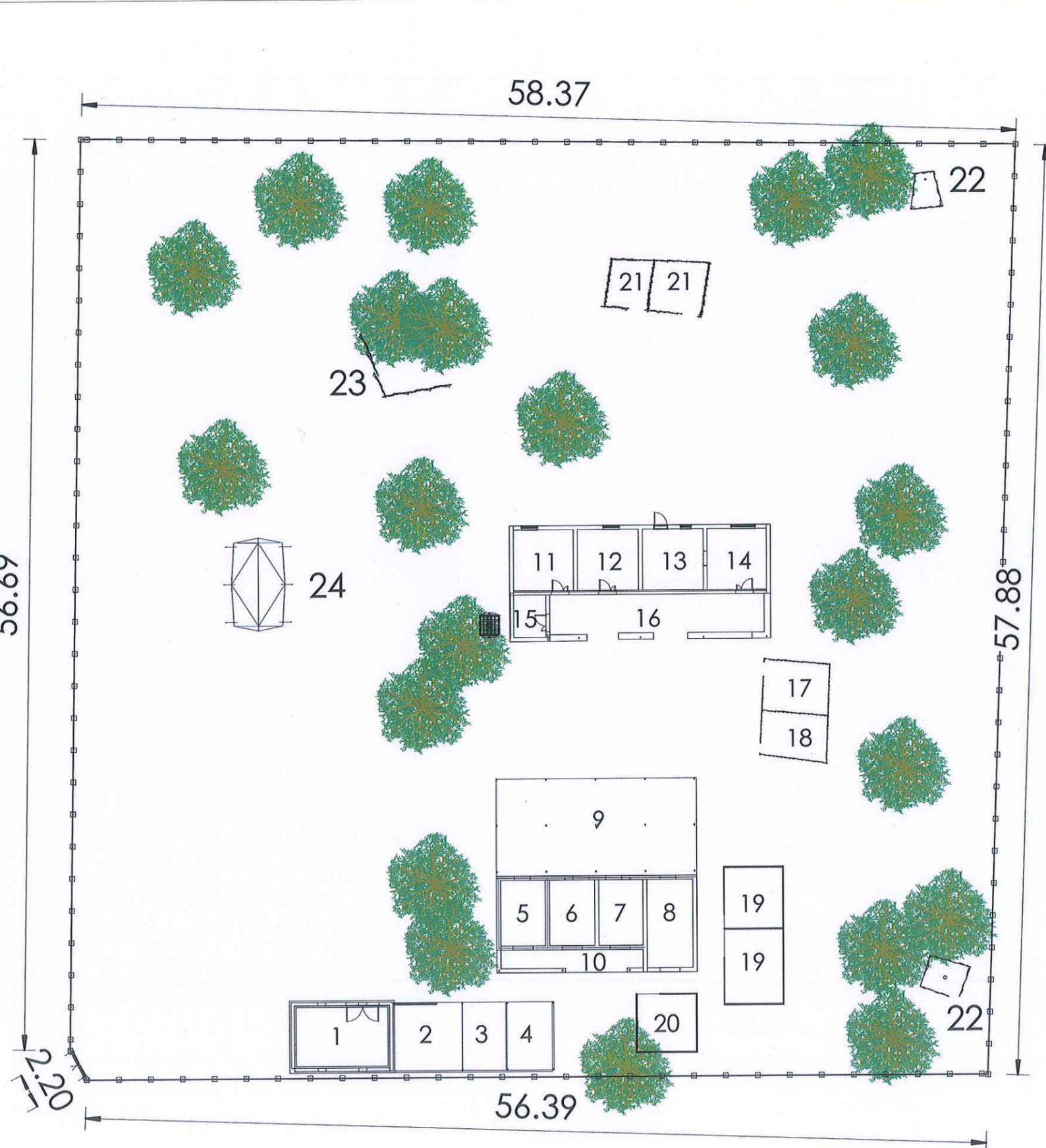
A	BLOCK A	F	ELECTRICAL ROOM
B	BLOCK B	W1	WAITING AREA
C	CHILDREN PLAY GROUND	W2	WAITING AREA
D	WATER TANK	T1	MALE W.C.
E	MEDICAL WASTE DISPOSAL	T2	FEMALE W.C.



LEGEND Site Plan - Existing

1	Store	13	RH SECTION
2	Waiting Area	14	RH SECTION
3	Registration of Children Weight	15	SAMPLING TEST ROOM
4	Doctor & Distribution Space	16	Veranda
5	Medical Office	17	Male Ward
6	Medical Assistance	18	Female Ward
7	Vaccination Room	19	Old Ward
8	Dressing Room	20	Kitchen
9	Waiting Area	21	Breakfast place
10	Veranda	22	Latrin
11	LAB	23	praying area (RAKOOBA)
12	PHARMACY	24	Tent

56.69



DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation - T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

LOCATION :
NORTHERN EAST AL FASHER

ARCHITECT :
ENG. Rabab Azhari Fadle Elseed

STRUCTURAL ENGINEER :
ENG. Designer IBRAHEM MOHAMED

CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :
GROUND FLOOR PLAN
Existing Design

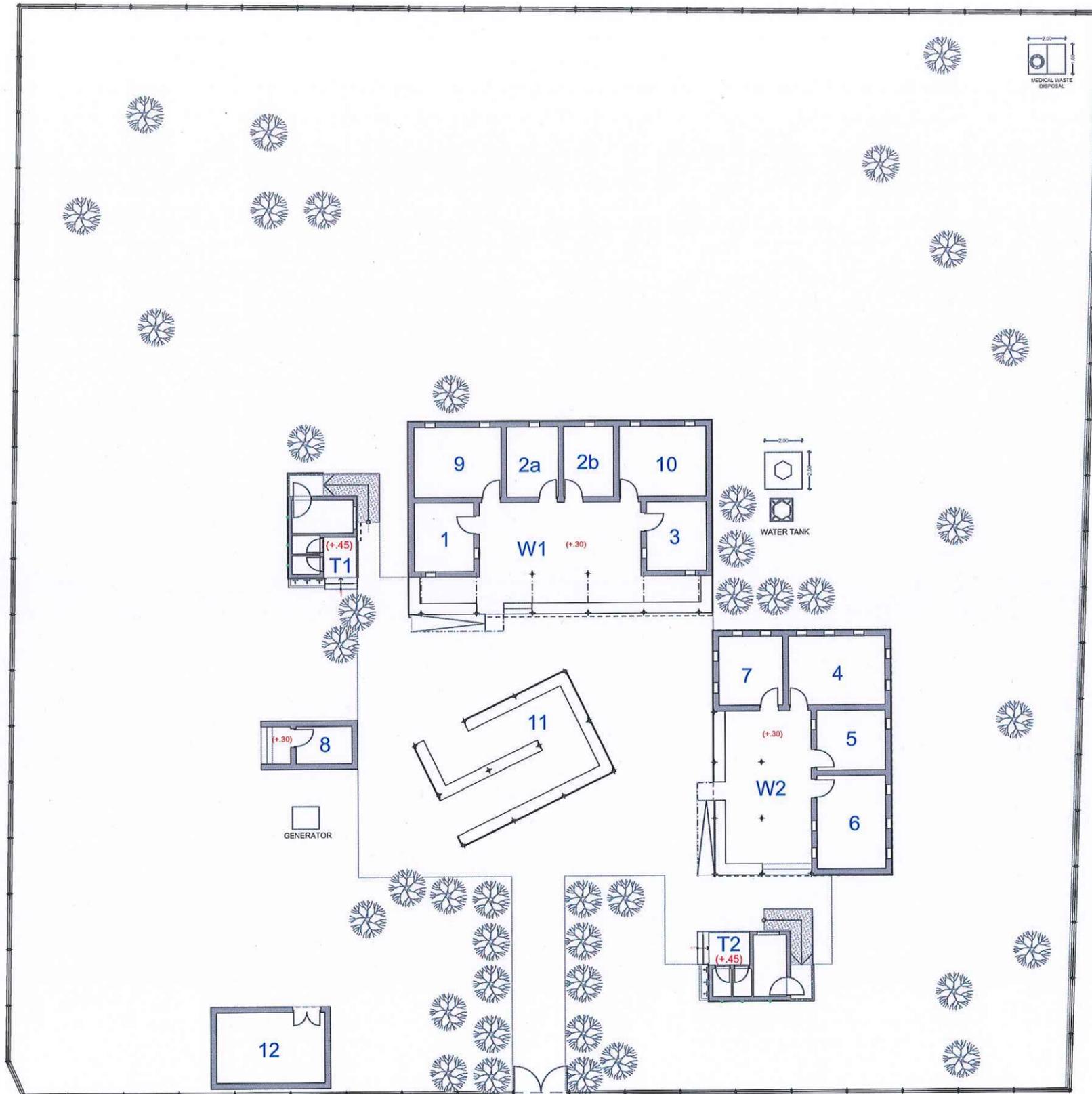
INDEX : G-02 SCALE : 1:250





LEGEND **GROUND FLOOR PLAN - REHABILITATION DESIGN**

1	LAB	8	ELEC. ROOM
2a	MEDICAL CONSULTAION	9	MALE WARD
2b	MEDICAL CONSULTAION	10	REGISTRATION ROOM
3	PHARMACY	11	CHILDERN PLAYGROUND
4	MIDWIFERY	12	STORE
5	DELIVARY ROOM	W1	WAITING AREA
6	FEMALE WARD	T1	FEMALE W.C.
7	EPI/NU	T2	MALE W.C.



DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

LOCATION :
NORTHERN EAST AL FASHER

ARCHITECT :
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

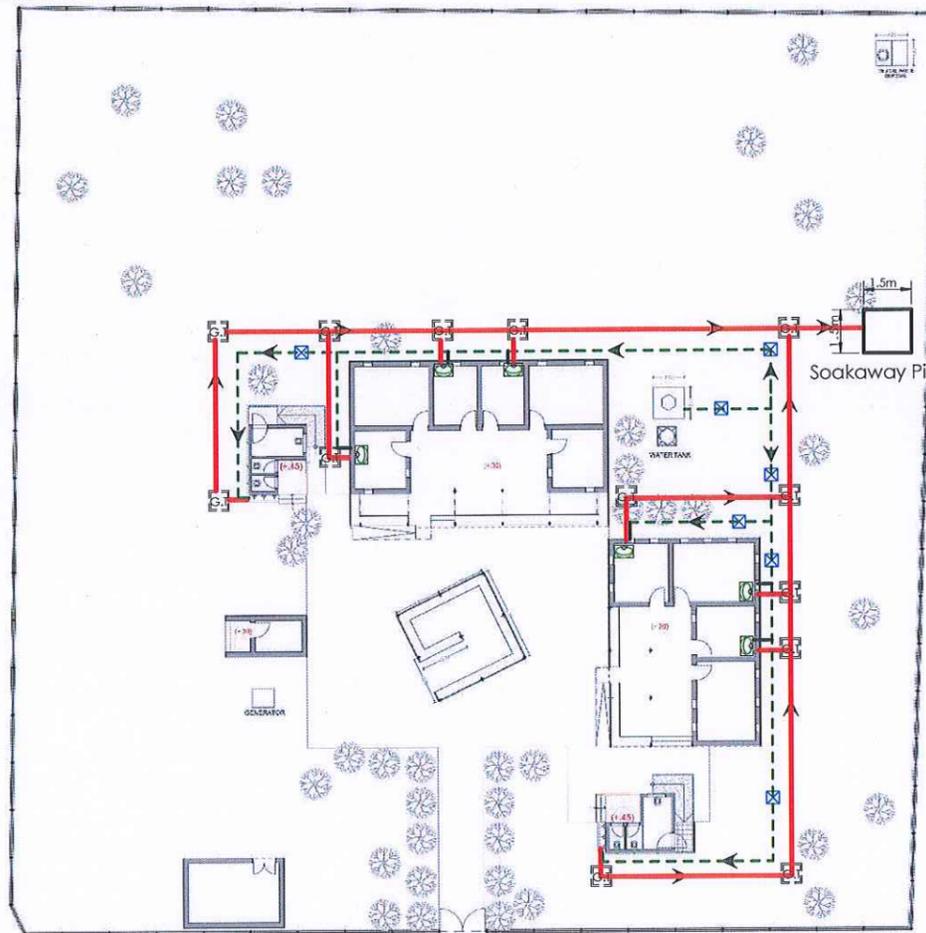
DRAWING TITLE :
GROUND FLOOR PLAN
Design Proposal

INDEX : SCALE :
G-03 1:250





Legend	Description
	Gate Valve
	Water Direction
	P.P.R 25mm
	P.P.R 13mm
	PVC 2inch Pipe
	Gally Trap



AICS-Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

Al-Amarat Mohamed Nijeeb Street, Khartoum
TEL: +249925451234
+249115418666
EMAIL: DGIC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:
T05-EUTF-HOA-SD-73-01

PROJECT TITLE:
PHC of Al Salam - Nutrition program (AIE05)

LOCATION:
Northern East Al Fasher

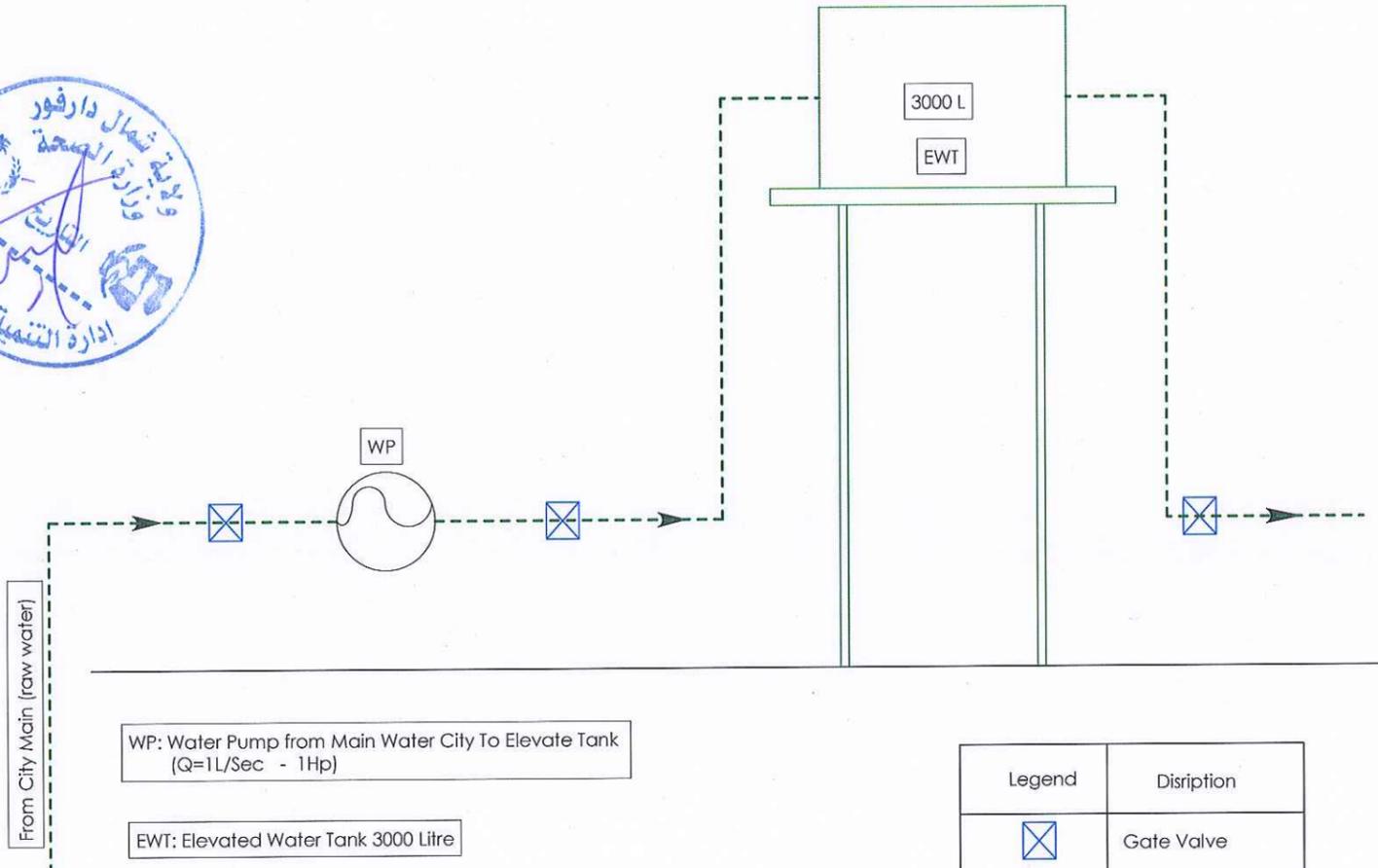
ARCHITECT:
ENG.Rabab Azhari Fadte Elseed
STRUCTURAL ENGINEER:

ENG.IBRAHIM MOHAMMED IBRAHIM
CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
Plumbing - Water Supply Design

DATE: January 2022

INDEX: GP_01	SCALE: Scale 1:300	
-----------------	-----------------------	--



WP: Water Pump from Main Water City To Elevate Tank
(Q=1L/Sec - 1Hp)

EWT: Elevated Water Tank 3000 Litre

Legend	Disription
	Gate Valve
	Water Direction
	P.P.R 25mm
	P.P.R 13mm
	PVC 2inch Pipe
	Gally Trap

AICS-Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

Al-Amarat Mohamed Najeb Street, Khartoum
TEL: +249925451234
+249115418666
EMAIL: DQTC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:
T05-EUTF-HOA-SD-73-01

PROJECT TITLE:
PHC of Al Salam - Nutrition program (ALFDS)

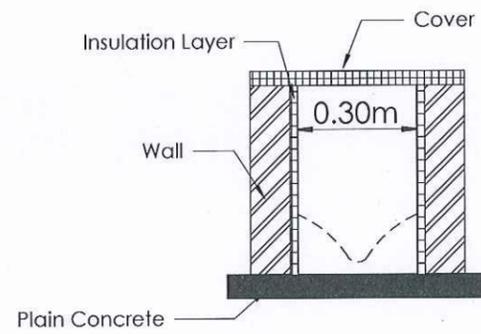
LOCATION:
Northern East Al Fasher

ARCHITECT:
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER:
ENG.IBRAHIM MOHAMMED IBRAHIM
CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
Plumbing - WaterTank System

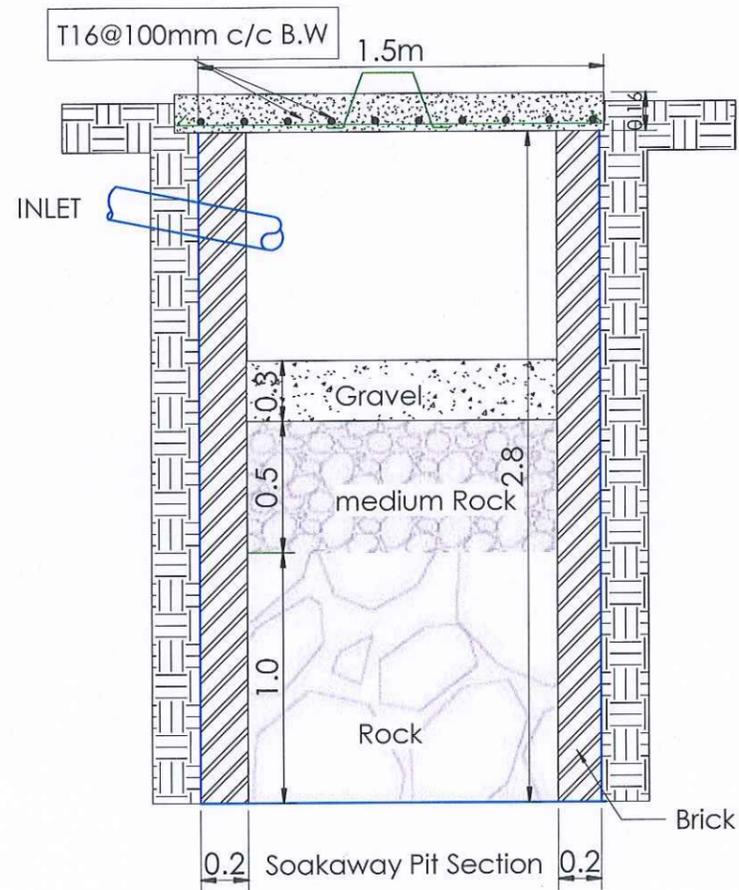
DATE: January 2022
INDEX: GP_02 SCALE: As indicated





G.T - Section

Scale 1:20



Scale 1:55



AICS Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

AL-Amarat Mohamed Najeb Street, Khartoum
TEL: +249925451234
+249115418666

EMAIL: DQTC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:
T05-EUTF-HOA-SD-73-01

PROJECT TITLE:
PHC of Al Salam - Nutrition program (ALF05)

LOCATION:
Northern East Al Fasher

STRUCTURAL ENGINEER:
ENG. IBRAHIM MOHAMMED IBRAHIM

CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

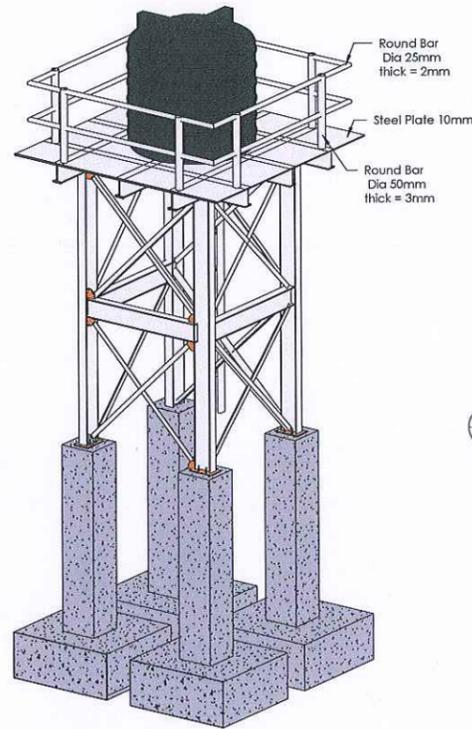
DRAWING TITLE:
Pumping - Absorbing Wells details

DATE: January 2022

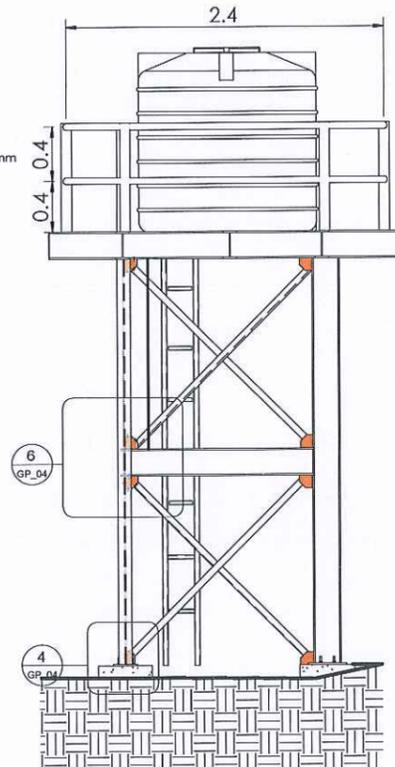
INDEX:
CP_03

SCALE:
As indicated

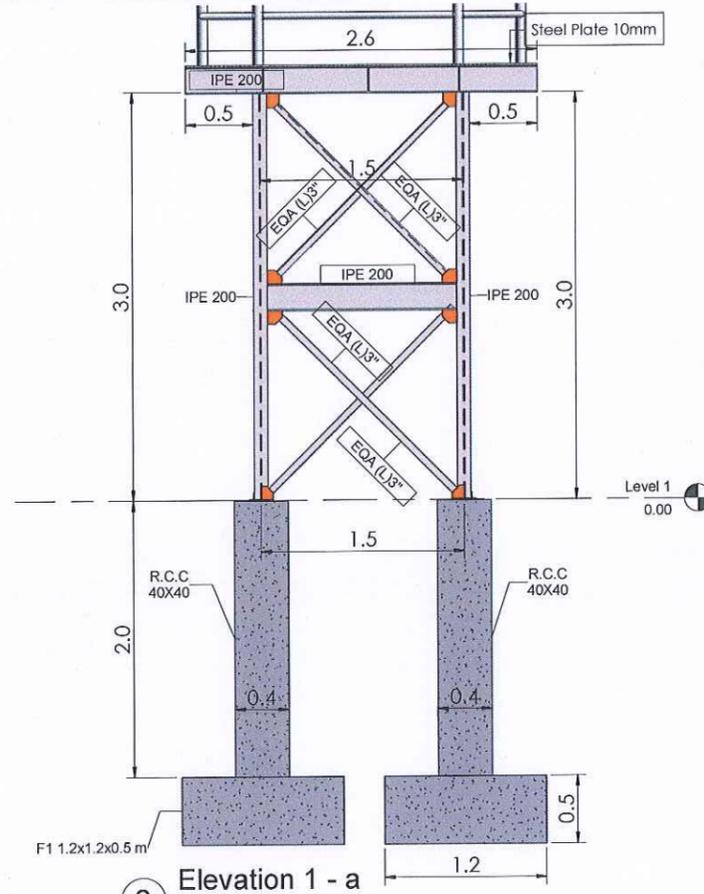




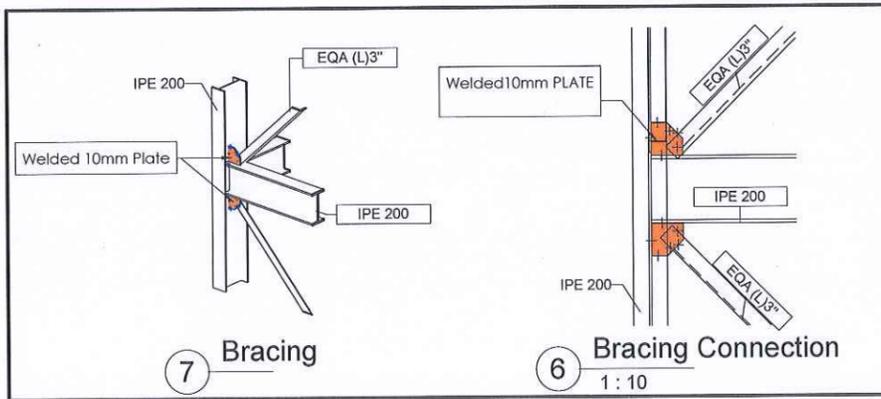
8 Water Tank - 3D



3 Elevation 1 - b
1 : 25

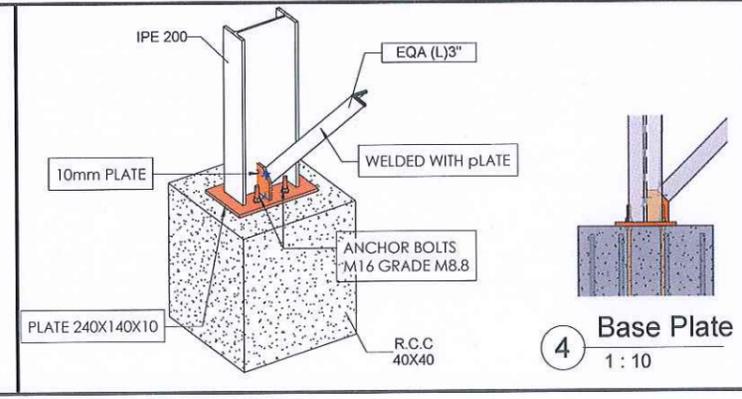


2 Elevation 1 - a
1 : 25



7 Bracing

6 Bracing Connection
1 : 10



4 Base Plate
1 : 10

AICS-Italian Agency for Development Cooperation - SDN

 13 Project St. no 33 Amarat, House no 25

 Block 12 East Khartoum, SUDAN

Al-Amarat Mohamed Najeeb Street, Khartoum

 TEL: +249925451934

 +249115418666

 EMAIL: DGIC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:

 T05-EUTF-HOA-SD-73-01

PROJECT TITLE:

 PHC of Al Salam - Nutrition program (AIE05)

LOCATION:

 Northern East Al Fasher

ARCHITECT:

 ENG. Rabab Azhari Fadle Elseed

 STRUCTURAL ENGINEER:

 ENG. IBRAHIM MOHAMMED IBRAHIM

 CHECKED BY:

 ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:

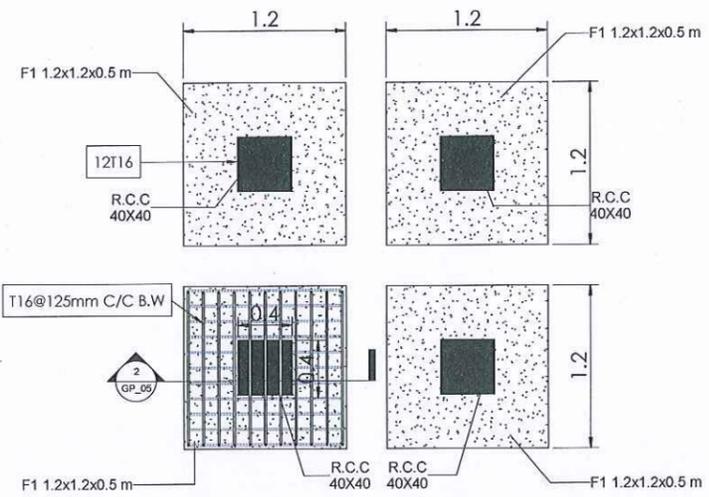
 Water Tower Details

DATE: January 2022

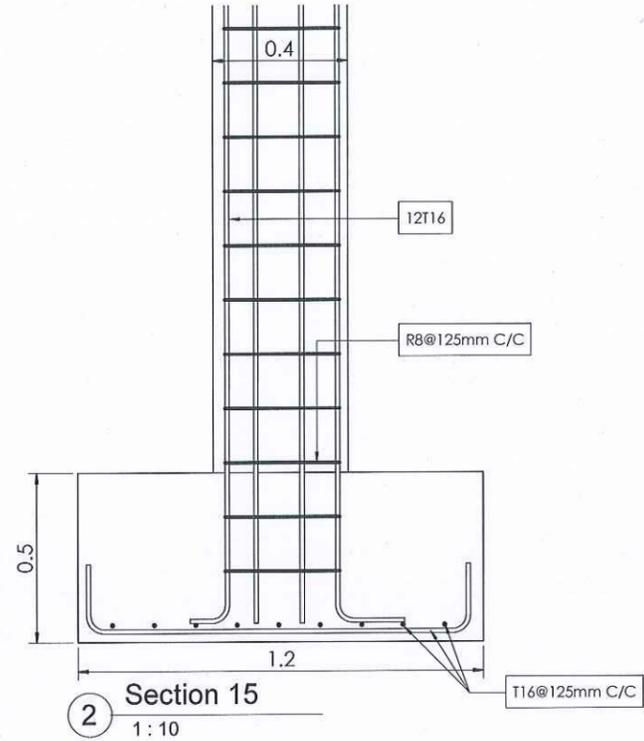
 INDEX: GP_04

 SCALE: As indicated

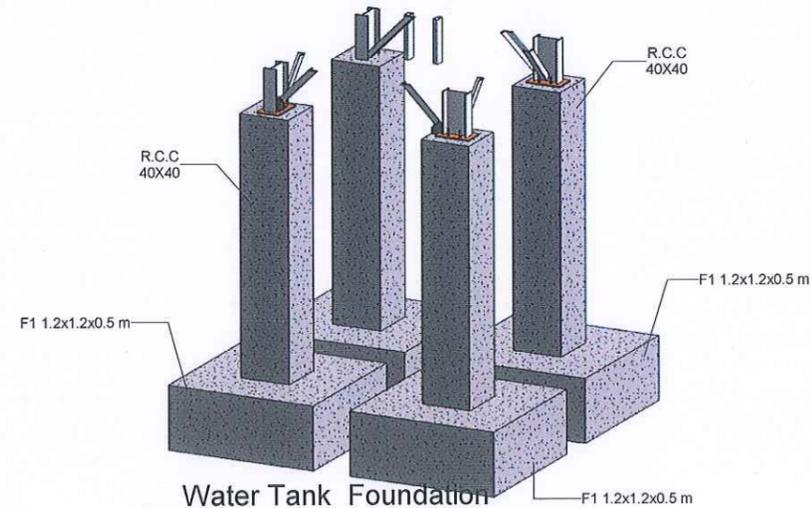




1 Foundation Plan
1: 25



2 Section 15
1: 10



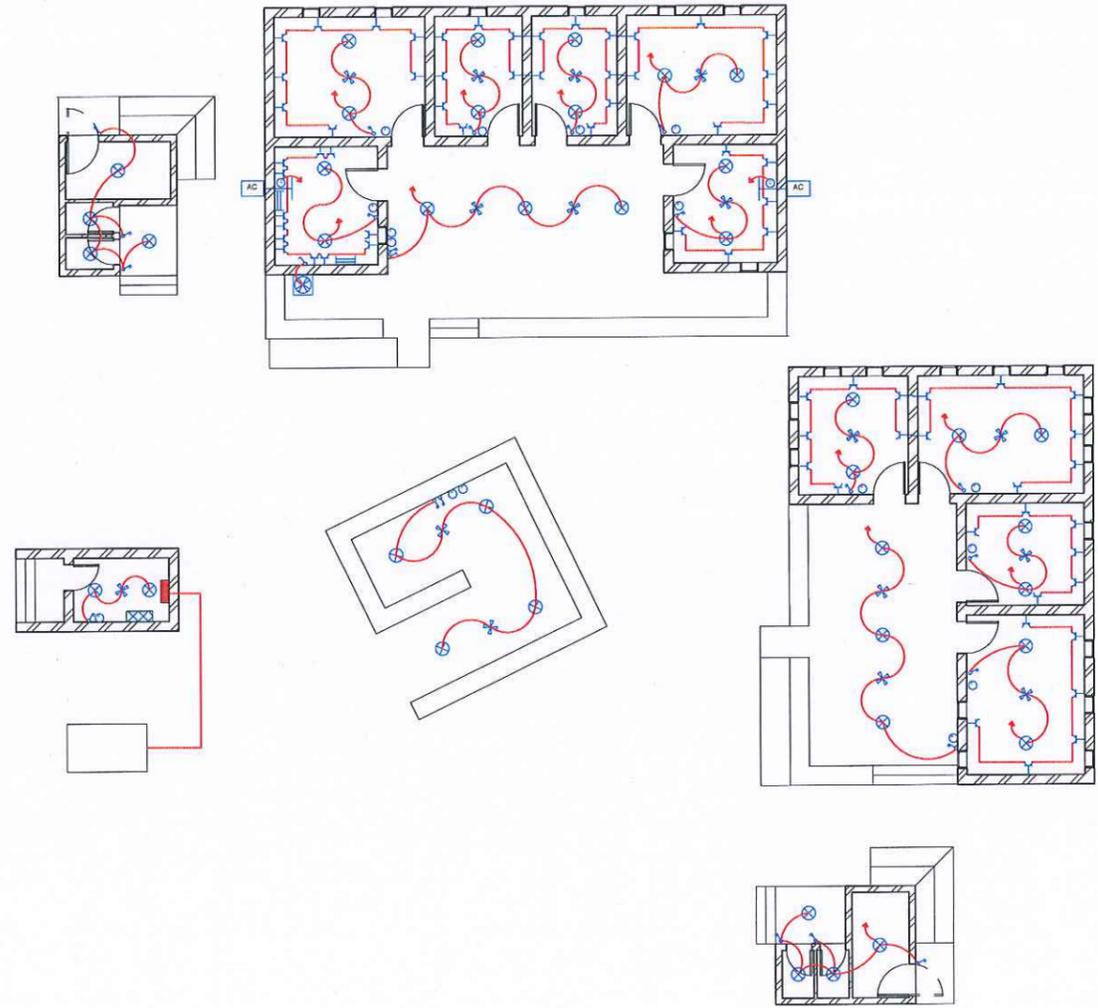
3 Water Tank Foundation
(3D)



AL-Amarat Mohamed Najeab Street, Khartoum
TEL: +249925451234
+249115418666
EMAIL: DGIC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:	
T05-EUTF-HOA-SD-73-01	
PROJECT TITLE:	
PHC of Al Salam - Nutrition program (ALFDS)	
LOCATION:	
Northern East Al Fasher	
ARCHITECT:	
ENG.Rabab Azhar Fadle Elseed	
STRUCTURAL ENGINEER:	
ENG.IBRAHIM MOHAMMED IBRAHIM	
CHECKED BY:	
ENG. AMRAN MOHAMMED OTHMAN	
DRAWING TITLE:	
WATER TOWER FOUNDATION DETAILS	
DATE: January 2022	
INDEX:	SCALE:
GP_05	As indicated



1 GENERAL PLAN
1 : 150

DESCRIPTION	
	SINGLE LIGHT SWITCH
	DOUBLE LIGHT SWITCH
	TRIPLE LIGHT SWITCH
	SOCKET OUTLET POINT
	AC SWITCH 45 AMP
	FAN SWITCH
	NEON LAMP
	CEILING LAMP
	CEILING FAN
	EXHAUST FAN
	AIR CONDITIONER 24000BTU
	INVERTOR
	MAIN DISTRIBUTION BOARD
	GENERATOR

AICS-Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amara, House no 25
Block 12 K-east Khartoum, SUDAN

AL-Amara Mohamed Najeb Street, Khartoum
TEL: +24925451234
+249115418666
EMAIL: DTC.ENGINEERING@GMAIL.COM

DTC
DOUBLE DTC ENGINEERING

PROGRAM TITLE:
TOS-EUF-HOA-SD-73-01

PROJECT TITLE:
PHC of Al Salam - Nutrition Program

LOCATION:
Northern East Al Fasher

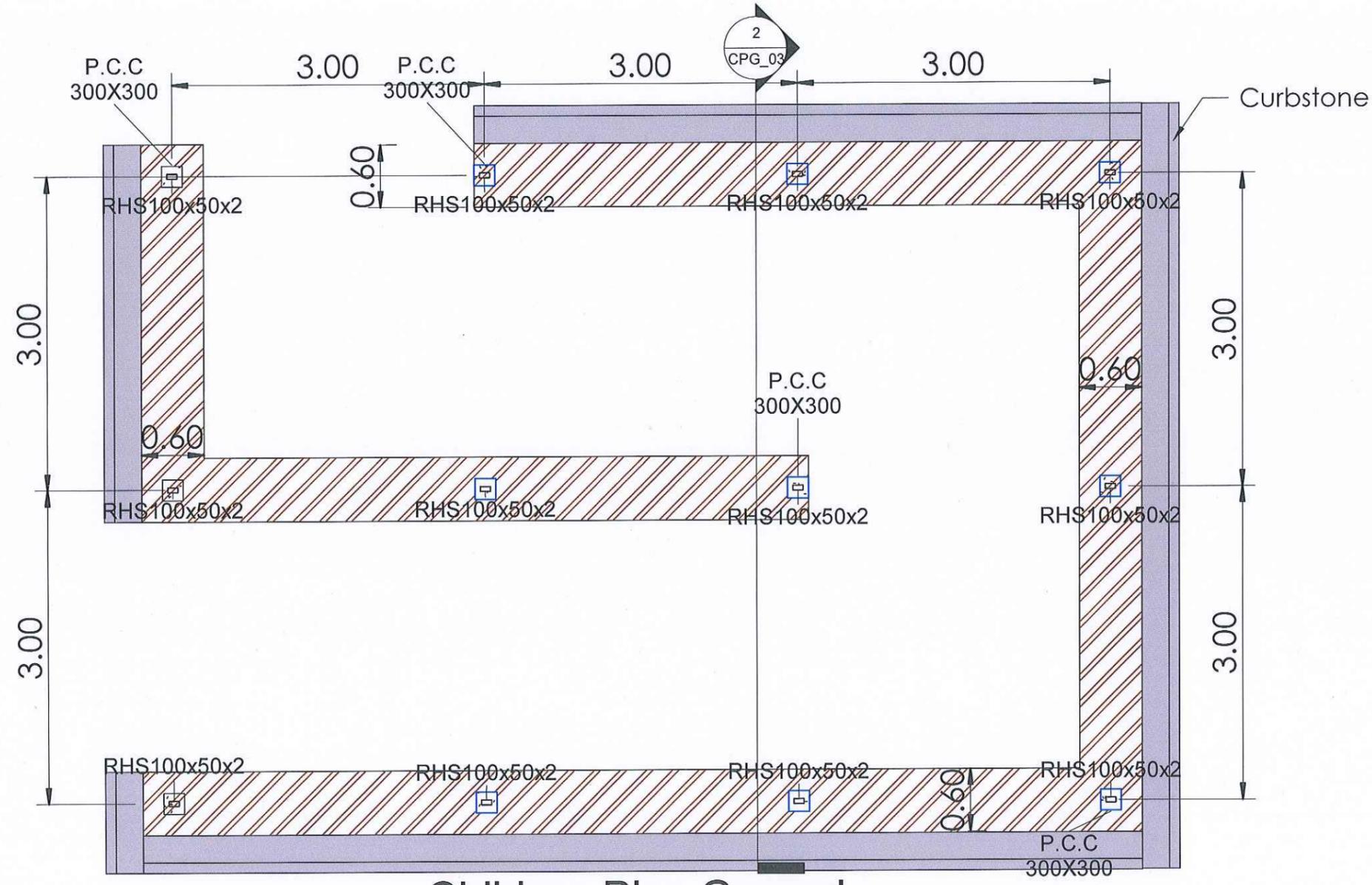
ELECTRICAL ENGINEER:
ENG. MOHAMMED SALAH ALAMIR

CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
GENERAL PLAN ELECTRICAL LAYOUT

DATE: JANUARY 2022

INDEX: GPE_06	SCALE: 1 : 150
------------------	-------------------



1 Children Play Ground
 1 : 50



PROGRAM TITLE:
 T05-EUTF-HOA-SD-73-01

PROJECT TITLE:
 PHC of Al Salam - Nutrition program (ALF05)

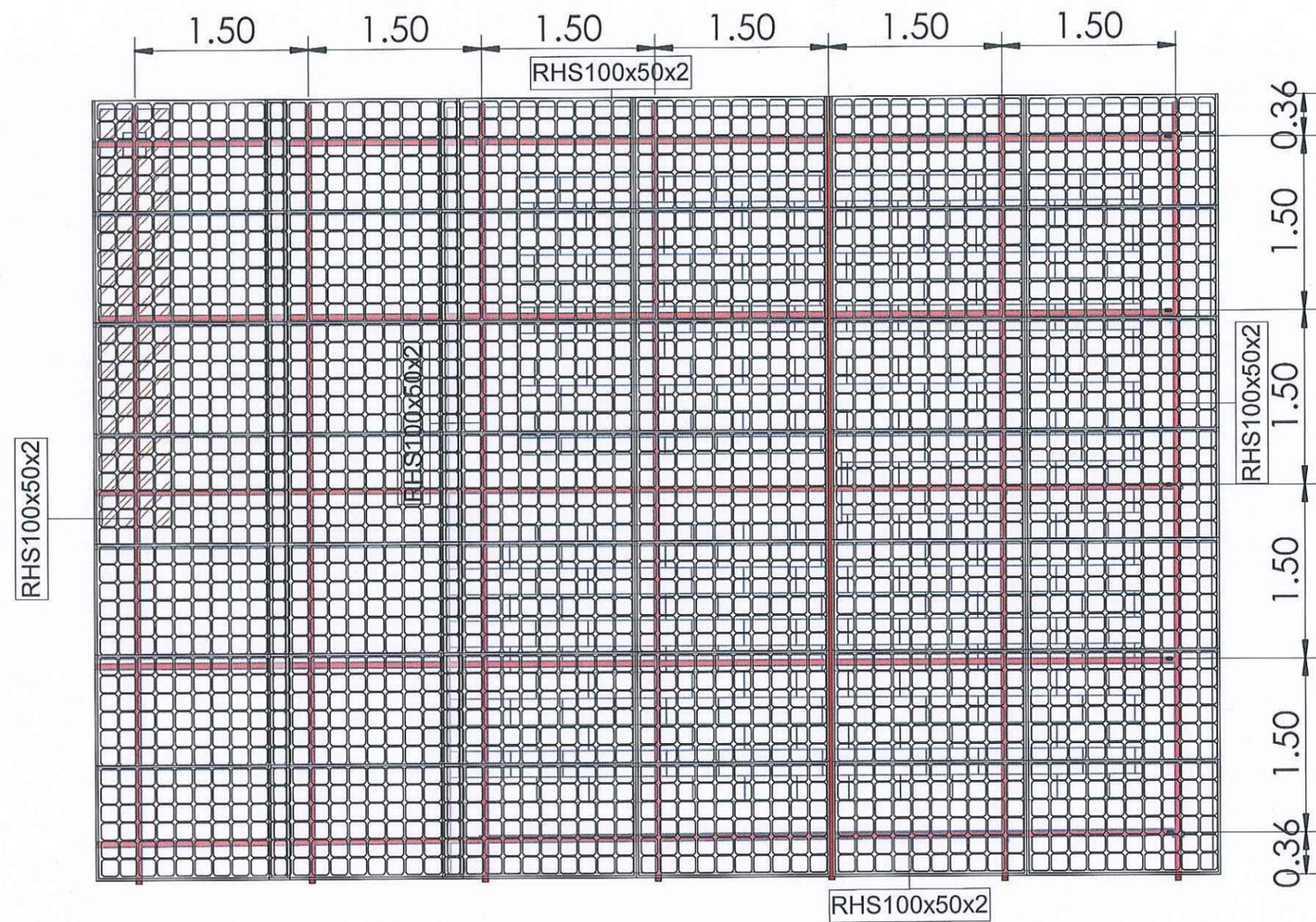
LOCATION:
 Northern East Al Fasher

STRUCTURAL ENGINEER:
 ENG. IBRAHIM MOHAMMED IBRAHIM
 CHECKED BY:
 ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
 Children Play Ground Plan

DATE: January 2022

INDEX: CPG_01	SCALE: 1 : 50	
------------------	------------------	--



HRS 100X50X2

1 Children Play Ground (Roof)
1 : 50



PROGRAM TITLE:

T05-EUTF-HOA-SD-73-01

PROJECT TITLE:

PHC of Al Salam - Nutrition
program (ALF05)

LOCATION:

Northern East Al Fasher

STRUCTURAL ENGINEER:

ENG.Designer

CHECKED BY:

ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:

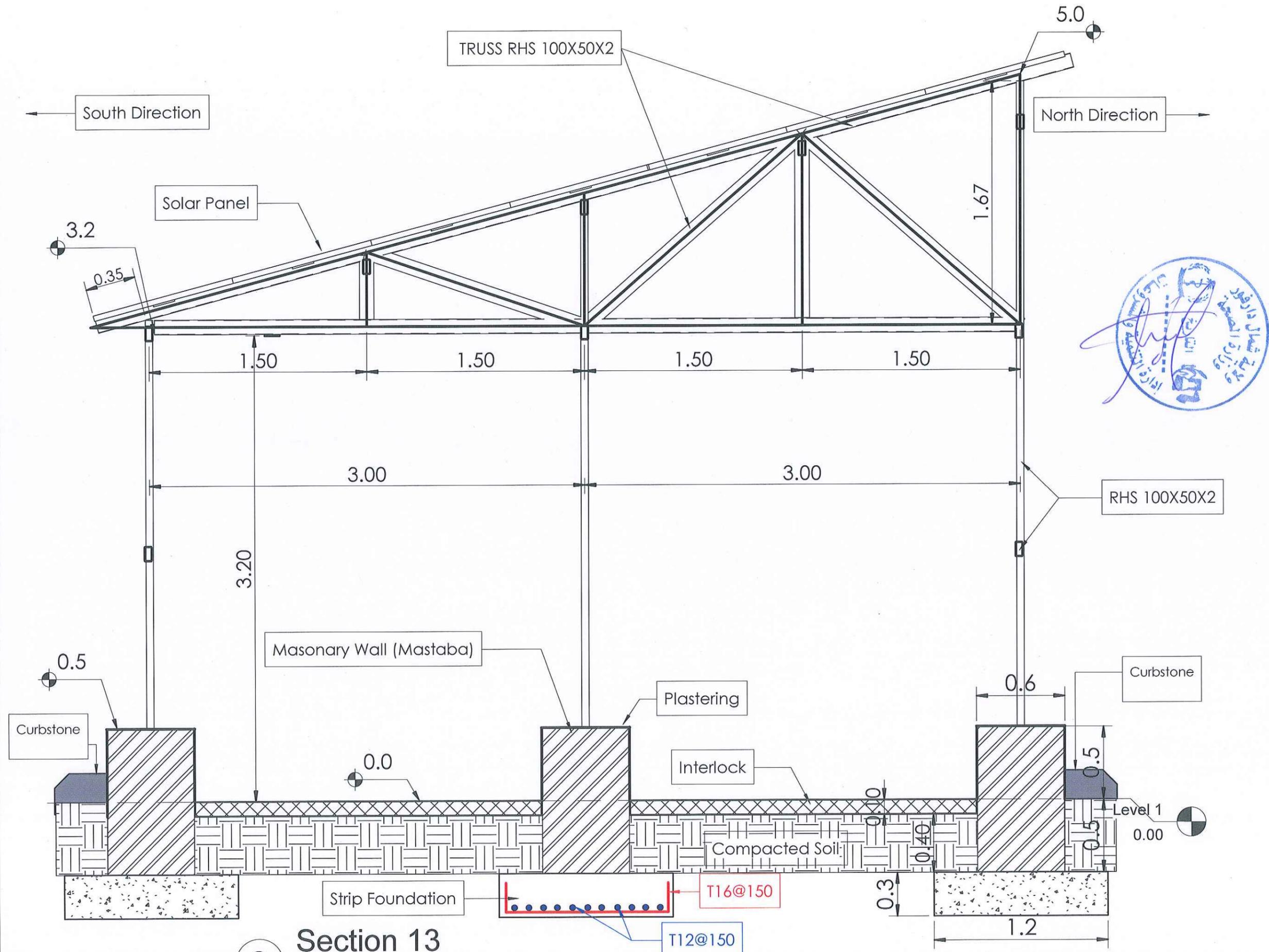
Children Play Ground Roof Plan

DATE: January 2022

INDEX: CPG_02

SCALE: 1 : 50





2 Section 13
1 : 25



AICS-Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

AL-Amarat Mohamed Najeeb Street, Khartoum
TEL: +249925451234
+249115418666
EMAIL: DQTC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:
T05-EUTF-HOA-SD-73-01

PROJECT TITLE:
PHC of Al Salam - Nutrition program (ALF05)

LOCATION:
Northern East Al Fasher

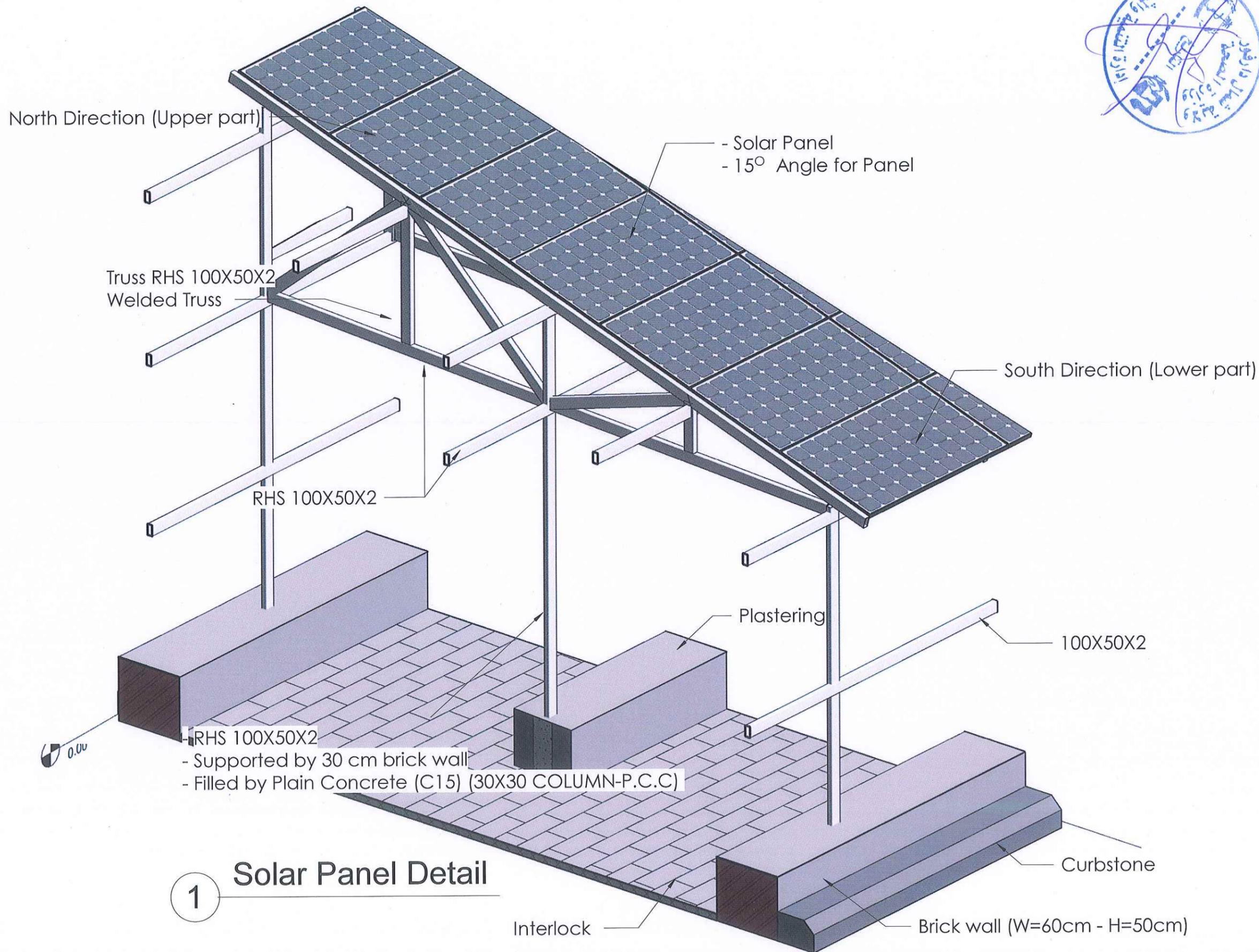
STRUCTURAL ENGINEER:
ENG. IBRAHIM MOHAMMED IBRAHIM
CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
Children Play Ground Details - Section

DATE: January 2022

INDEX: CPG_03 SCALE: 1 : 25





1 Solar Panel Detail



AICS-Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

AL-Amarat Mohamed Najeeb Street, Khartoum
TEL: +249925451234
+249115418666
EMAIL: DQTC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:
T05-EUTF-HOA-SD-73-01

PROJECT TITLE:
PHC of Al Salam - Nutrition program (ALF05)

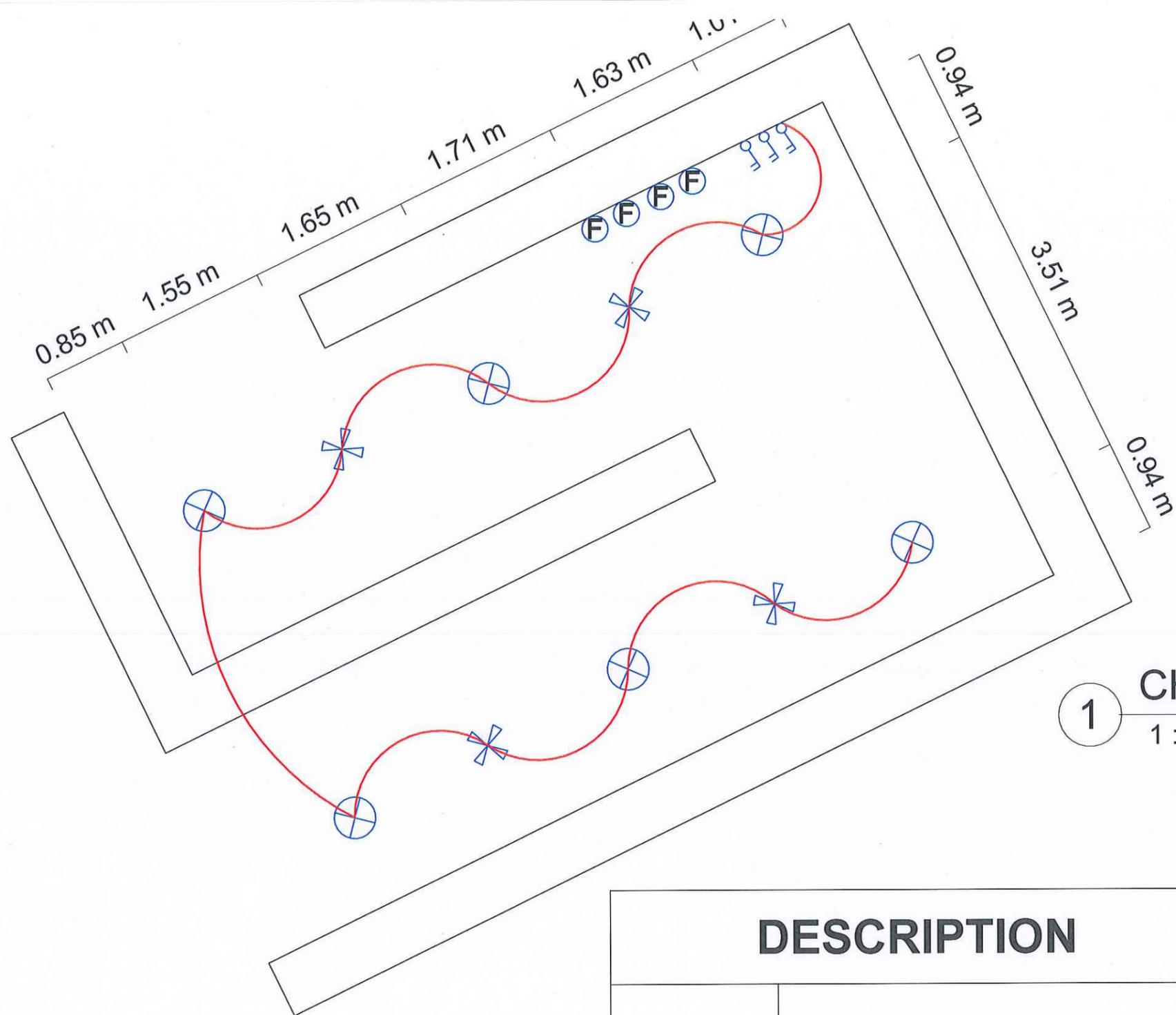
LOCATION:
Northern East Al Fasher

STRUCTURAL ENGINEER:
ENG. IBRAHIM MOHAMMED IBRAHIM
CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
Children Play Ground Structural 3D Details

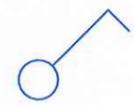
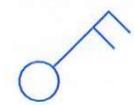
DATE: January 2022

INDEX: CPG_04 SCALE:



1 CHILDREN PLAY GROUND
1 : 50



DESCRIPTION		DESCRIPTION	
	SINGLE LIGHT SWITCH		FAN SWITCH
	DOUBLE LIGHT SWITCH		CEILING LAMP
	TRIPLE LIGHT SWITCH		CEILING FAN



AICS-Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

AL-Amarat Mohamed Najeeb Street, Khartoum

TEL: +249925451234
+249115418666

EMAIL: DQTC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:

T05-EUF-HOA-SD-73-01

PROJECT TITLE:

PHC of Al Salam - Nutrition Program

LOCATION:

Northern East Al Fasher

ELECTRICAL ENGINEER:

ENG. MOHAMMED SALAH ALAMIR

CHECKED BY:

ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:

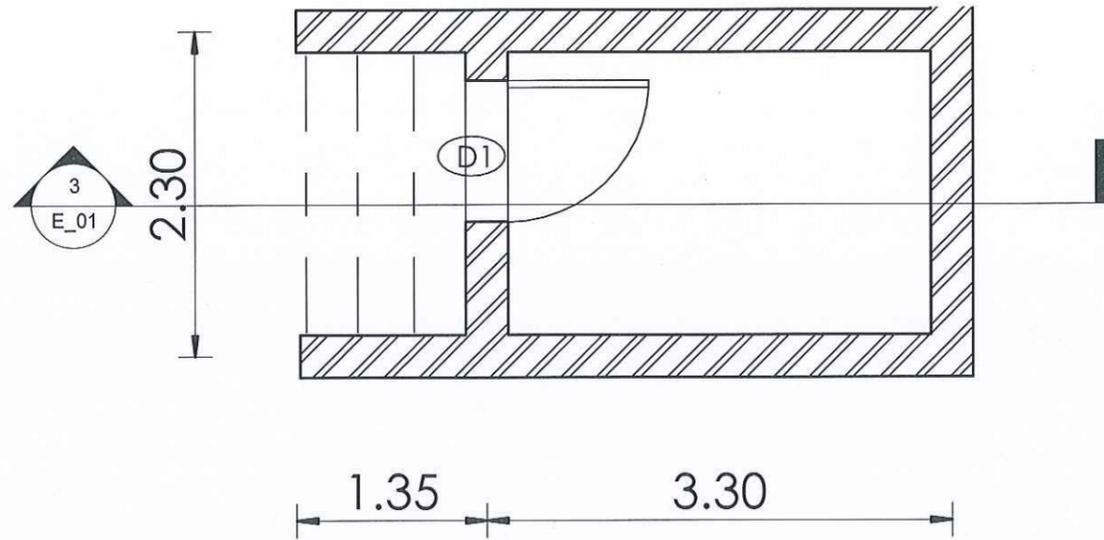
CHILDREN PLAY GROUND ELECTRICAL LAYOUT

DATE: JANUARY 2022

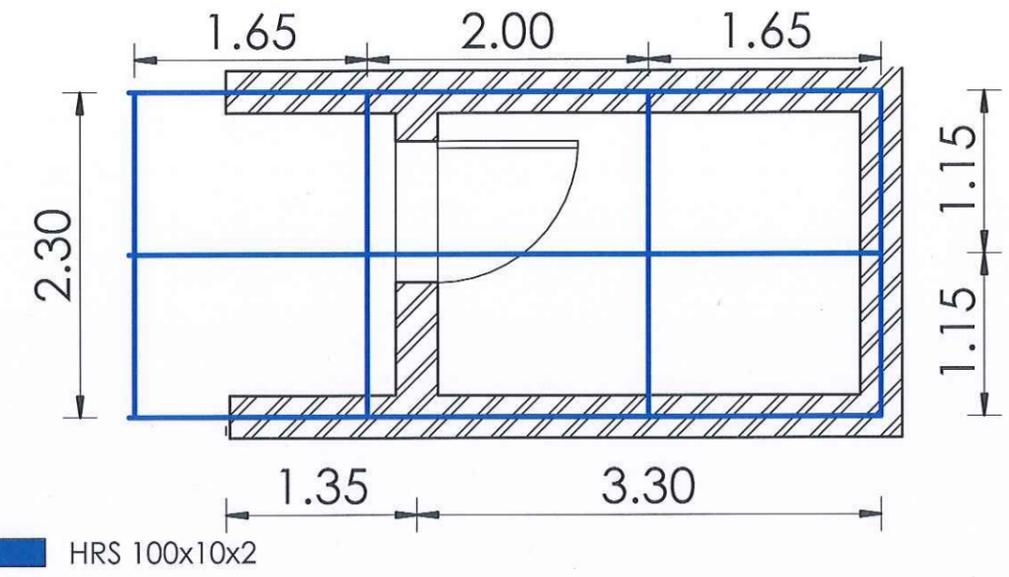
INDEX: CPG_05

SCALE: 1 : 50

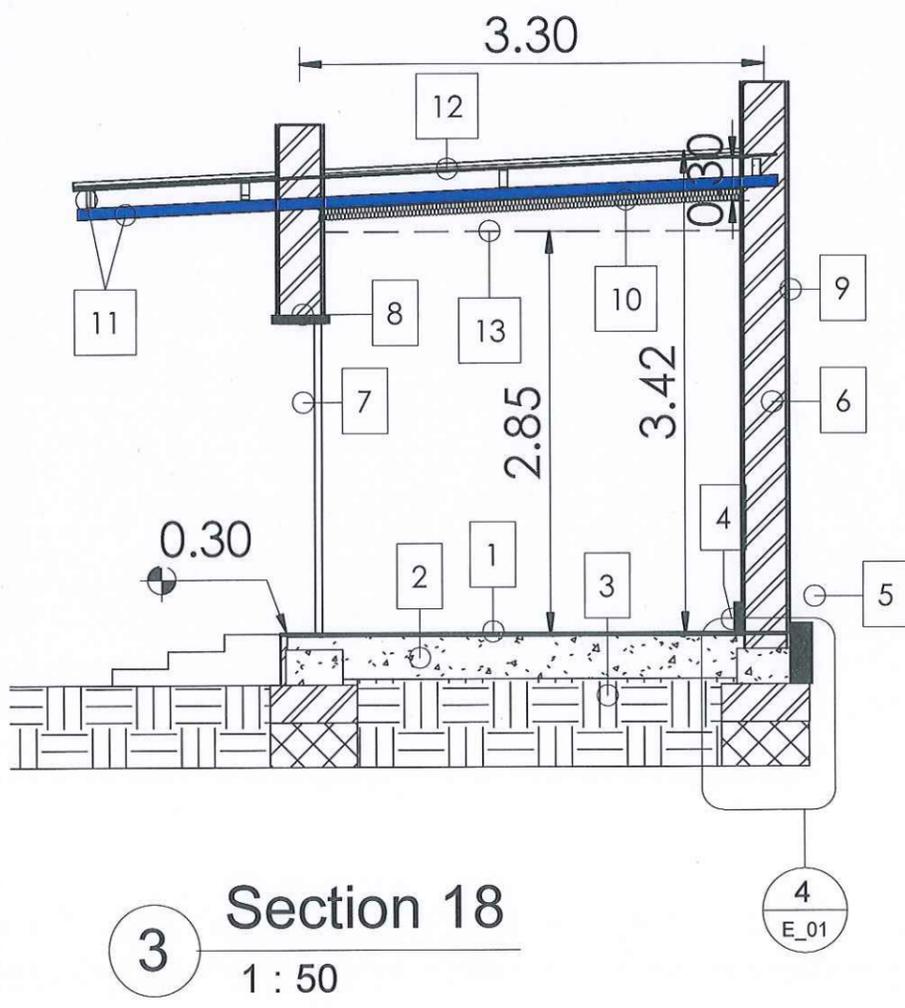




1 Electrical room plan.
1 : 50

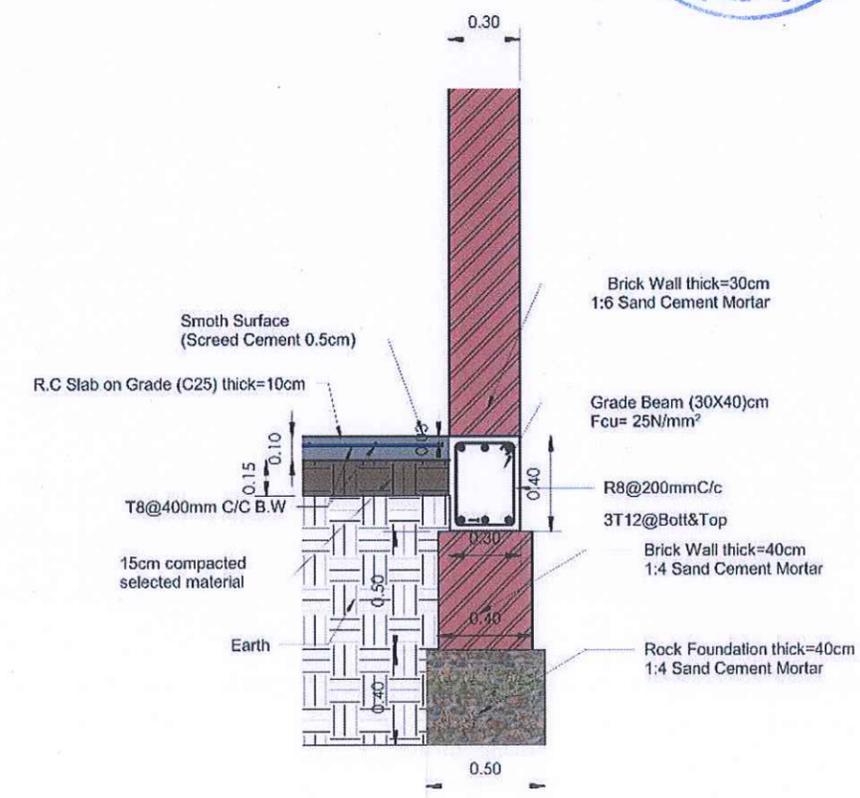


2 Electrical room roof plan
1 : 50



3 Section 18
1 : 50

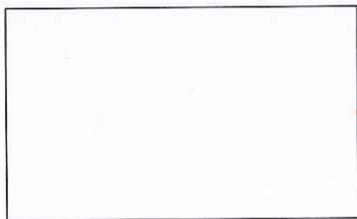
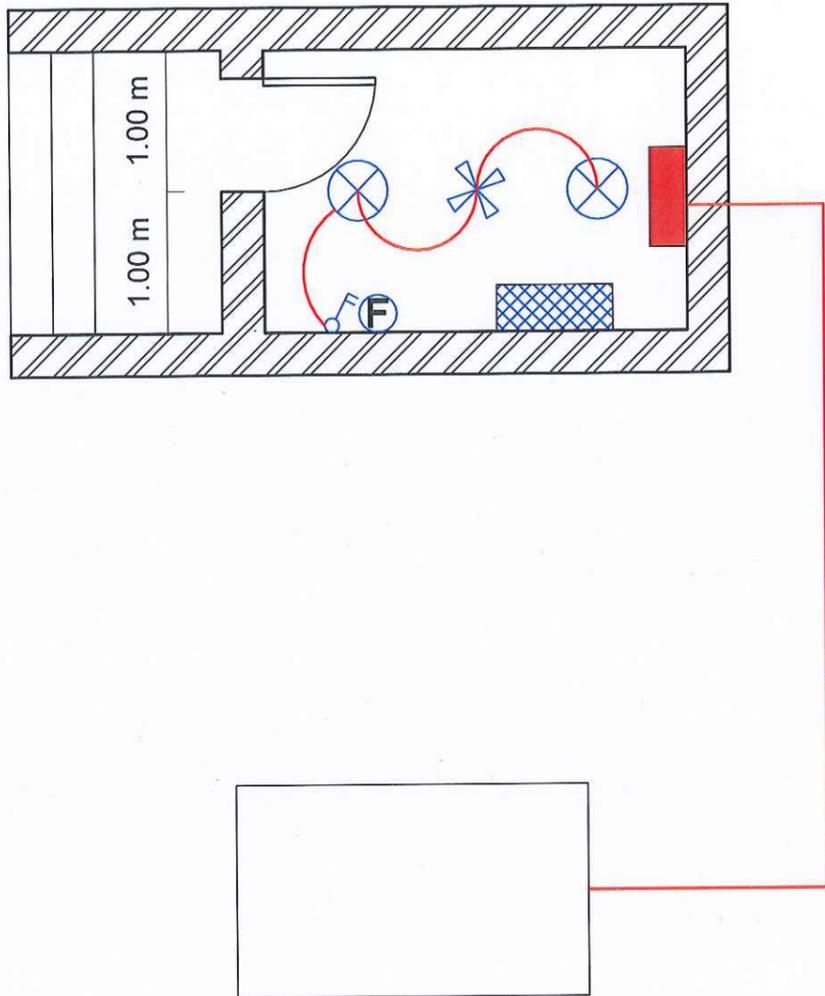
1	Tiles (internal ceramic)
2	Reinforced Concrete(C20)
3	Compacted Soil
4	Skirting Tiles
5	Curbstone
6	Wall
7	Door
8	Lintel Beam
9	Screed and Paint
10	Insulation Layre
11	HRS 10X5X2
12	Steel Sheet (Zinc)
13	False Ceiling



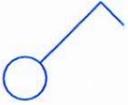
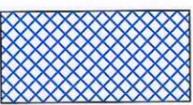
4 Section 18 - Callout 1
1 : 50



0.50 m 1.01 m 0.85 m 0.63 m



DESCRIPTION

	SINGLE LIGHT SWITCH
	DOUBLE LIGHT SWITCH
	TRIPLE LIGHT SWITCH
	FAN SWITCH
	CEILING LAMP
	CEILING FAN
	INVERTOR
	MAIN DISTRIBUTION BOARD
	GENERATOR

1

ELECTRICAL ROOM

1 : 50



AICS-Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

AL-Amarat Mohamed Najeeb Street, Khartoum

TEL: +249925451234
+249115418666

EMAIL: DQTC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:

T05-EUF-HOA-SD-73-01

PROJECT TITLE:

PHC of Al Salam - Nutrition Program

LOCATION:

Northern East Al Fasher

ELECTRICAL ENGINEER:

ENG. MOHAMMED SALAH ALAMIR

CHECKED BY:

ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:

ELECTRICAL ROOM. ELECTRICAL LAYOUT

DATE: JANUARY 2022

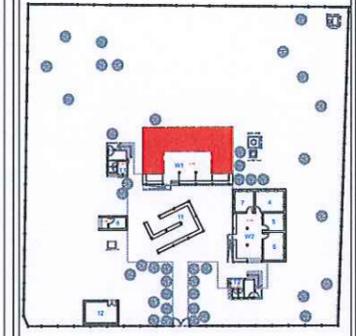
INDEX:

E_02

SCALE:

1 : 50





LEGEND

Description	Description
	new internal flooring(+0.30)with ceramic tiles (60x60cm)
	Screed cement finishing for ramp
	Skirting ceramic h=15cm
	Curbstone h=30cm
	Wall ceramic tiles(15 x 15cm) H:2 M
	INTERLOCK

DATE: JANUARY 2022

PROPERTY OF : Italian Agency for Development Cooperation -T05-EUTF-HOA-SDN-73-01

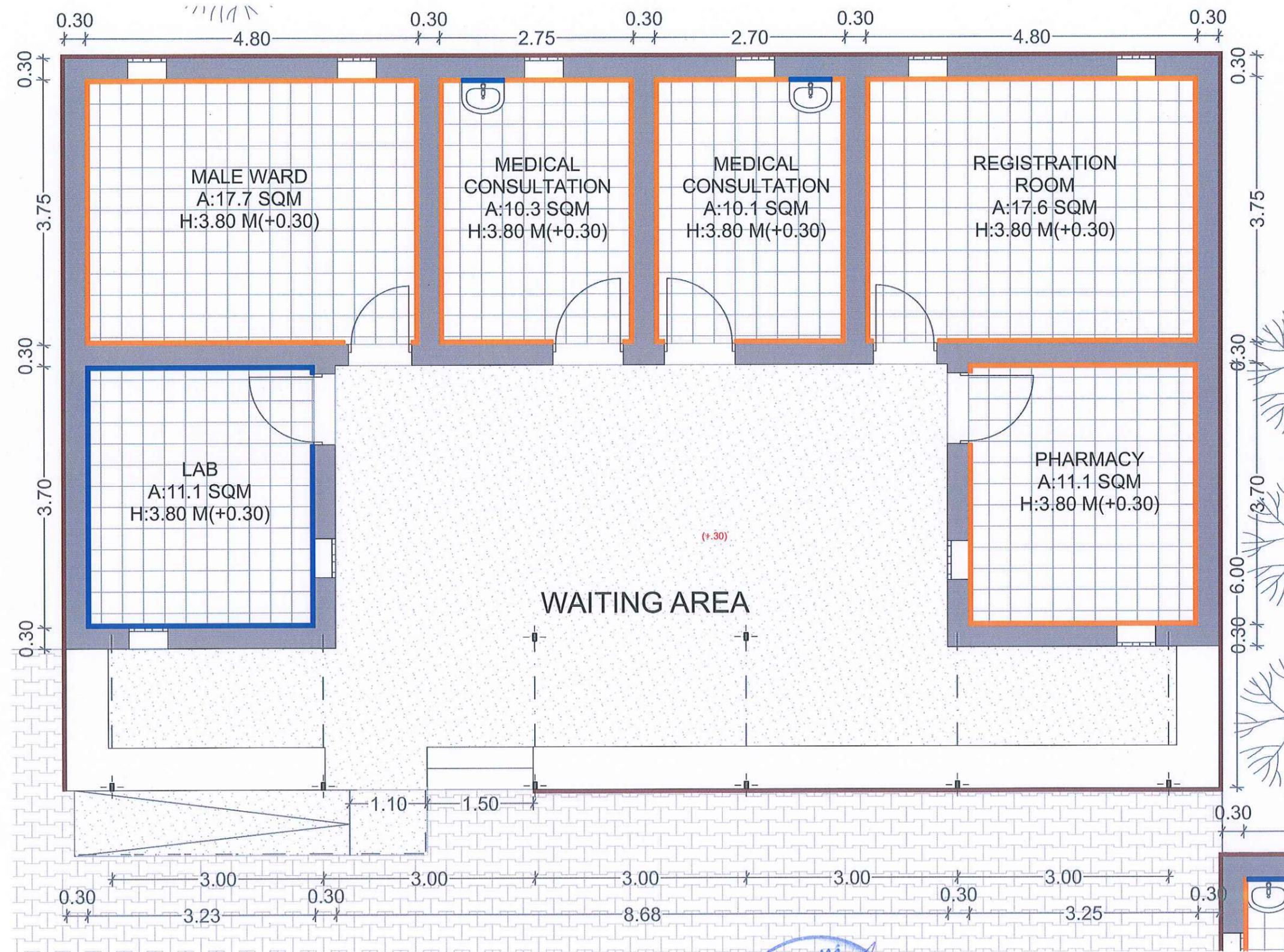
PROJECT NAME : PHC OF AL SALAM - NUTRITION PROGRAM (ALF05)

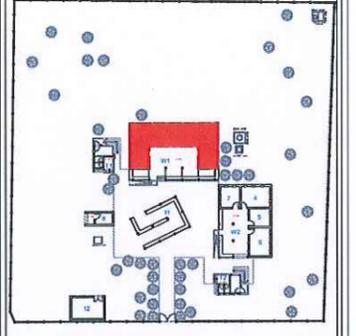
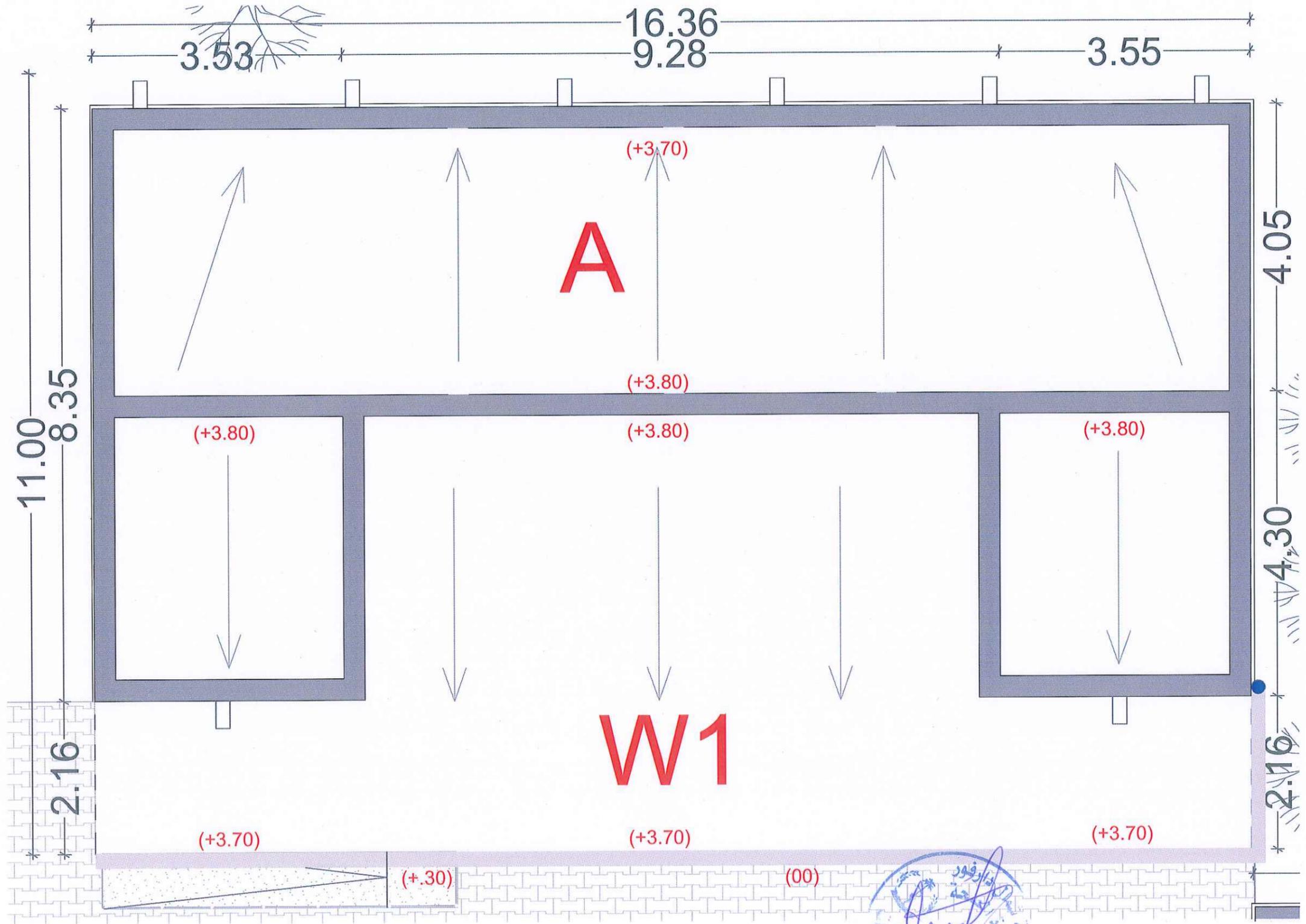
LOCATION : NORTHERN EAST AL FASHER

ARCHITECT : ENG.Rabab Azhari Fadle Elseed
 STRUCTURAL ENGINEER : ENG.Designer IBRAHEM MOHAMED
 CHECKED BY : ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE : GROUND FLOOR PLAN

INDEX : A-01 SCALE : 1:60





LEGEND

Description	Description
	corrugated metal (american) sheet
	INTERLOCK
	Vally Gutter
	100 mm rain water drainage pipe

DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

LOCATION :
NORTHERN EAST AL FASHER

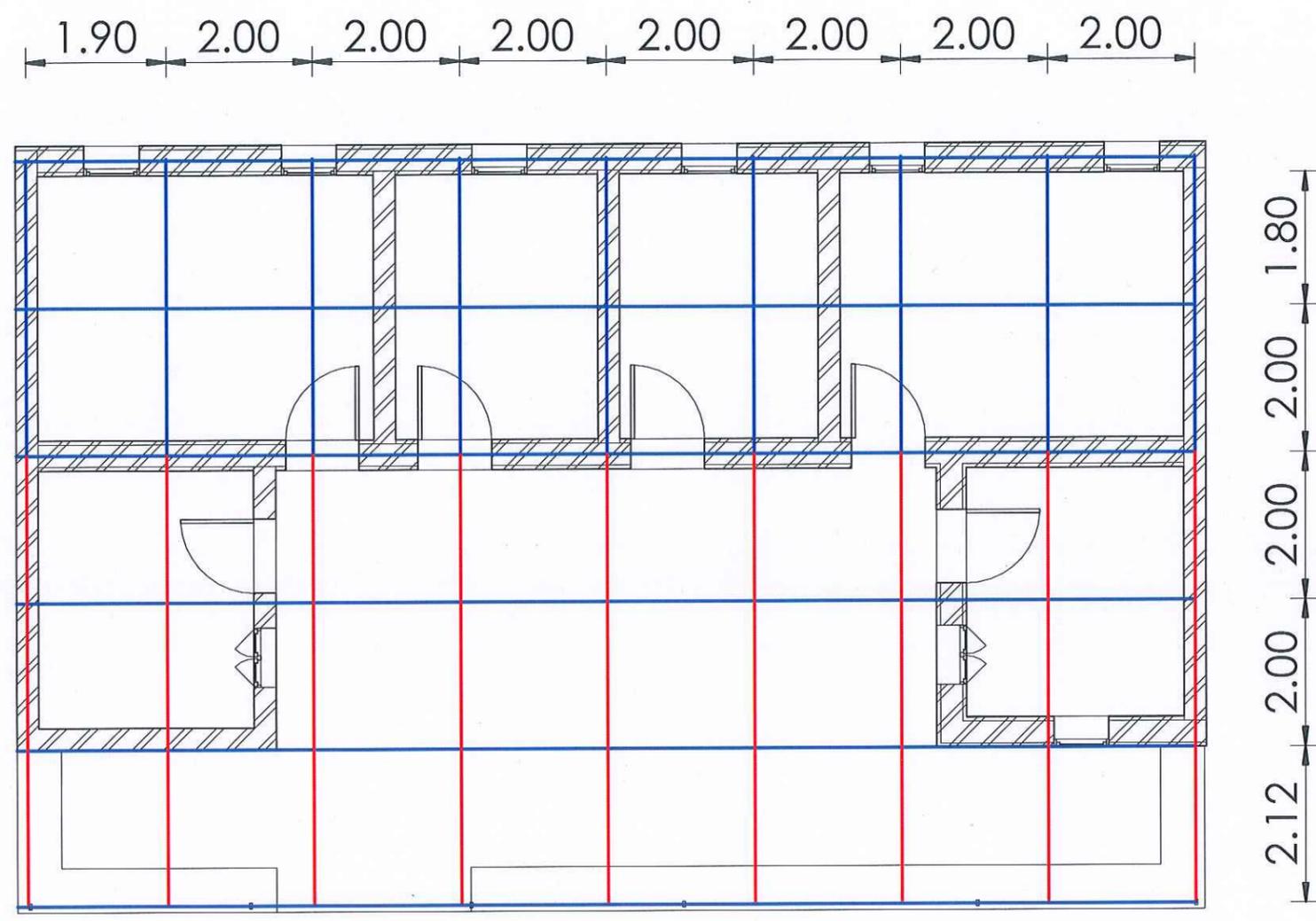
ARCHITECT :
ENG.Rabab Azhari Fadle Elseed

STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED

CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :
ROOF PLAN

INDEX : A-02	SCALE : 1:60	
-----------------	-----------------	--



1 Roof Structure Plan
 1 : 85

- HRS 100x10x2
- HRS 100x10x2



PROGRAM TITLE:
 T05-EUTF-HOA-SD-73-01

PROJECT TITLE:
 PHC of Al Salam - Nutrition program (ALF05)

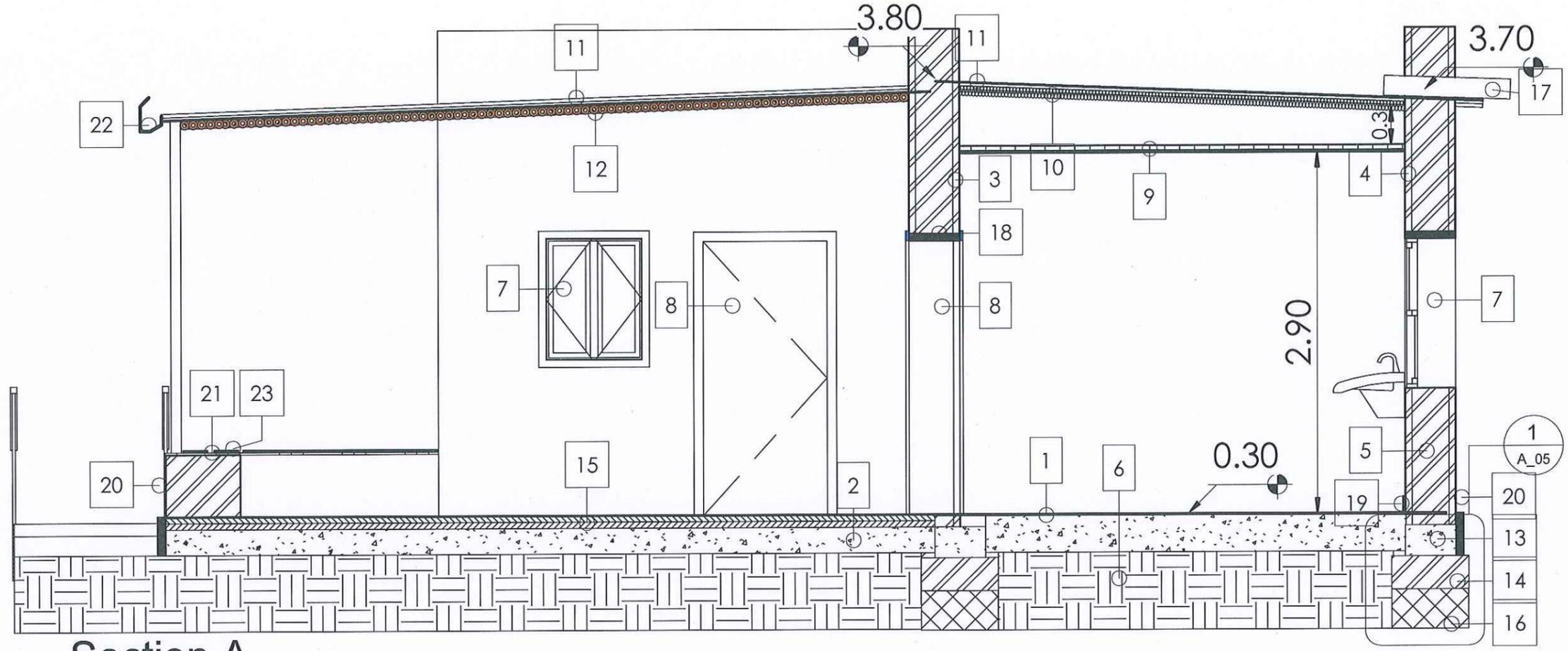
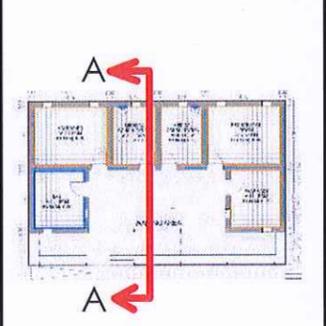
LOCATION:
 Northern East Al Fasher

STRUCTURAL ENGINEER:
 ENG. IBRAHIM MOHAMMED IBRAHIM
 CHECKED BY:
 ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
 Roof Structure Plan

DATE: January 2022

INDEX: A_03	SCALE: 1 : 85	
----------------	------------------	--



1 Section A
1 : 40

1	Tiles (internal ceramic)	8	Door	15	Concrete Floor	22	Galvanized Gutter
2	Reinforced Concrete(C20)	9	False Ceiling	16	Rock Foundation	23	Wodden Planks
3	Paint	10	Insulation Layre	17	PVC Pipe		
4	Screed	11	Steel Sheet (Zinc)	18	Lintel Beam		
5	Wall	12	Bambo	19	Skerting Tiles		
6	Compacted Soil	13	Grade Beam	20	Curbstone		
7	Window	14	Wall 40 cm (Gasa)	21	Plaster		



PROGRAM TITLE :
T05-EUTF-HOA-SD-73-01

PROJECT TITLE :
PHC of Al Salam - Nutrition
program (ALF05)

LOCATION :
Northern East Al Fasher

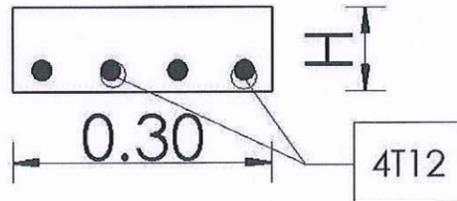
STRUCTURAL ENGINEER :
ENG. IBRAHIM MOHAMMED IBRAHIM
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :
Roof Section

DATE: January 2022

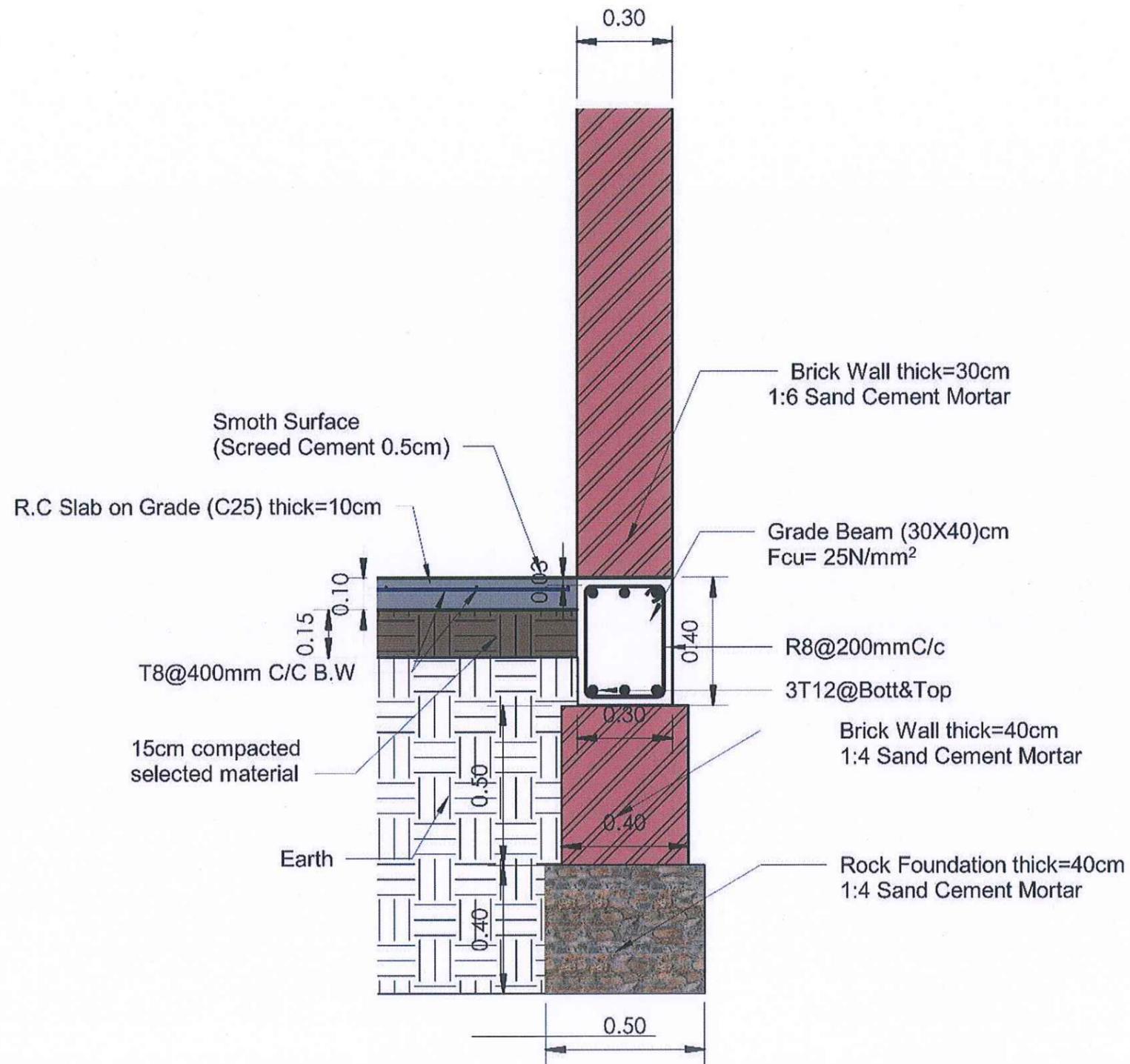
INDEX : A_04 SCALE : 1 : 40

Lintel Beam



H = 10cm for opening width = < 1 m

H = 15cm for opening width > 1 m



1 Callout A
1 : 15



AICS-Italian Agency for Development
Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

AL-Amarat Mohamed Najeeb Street, Khartoum

TEL: +249925451234
+249115418666

EMAIL: DQTC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:
T05-EUTF-HOA-SD-73-01

PROJECT TITLE:
PHC of Al Salam - Nutrition
program (ALF05)

LOCATION:
Northern East Al Fasher

STRUCTURAL ENGINEER:
ENG. IBRAHIM MOHAMMED IBRAHIM

CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
Lintel Beam and Callout

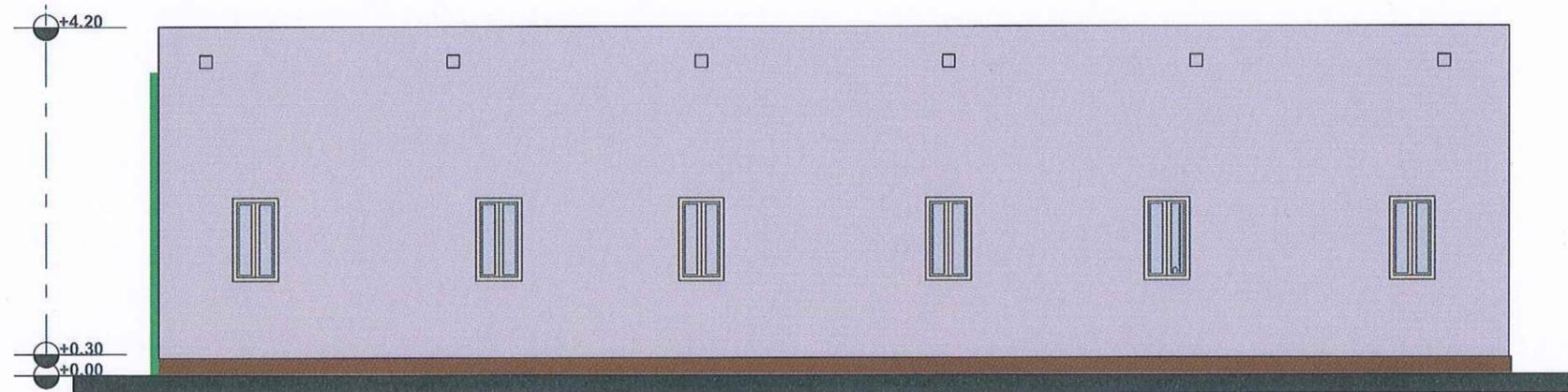
DATE: January 2022

INDEX: A_05

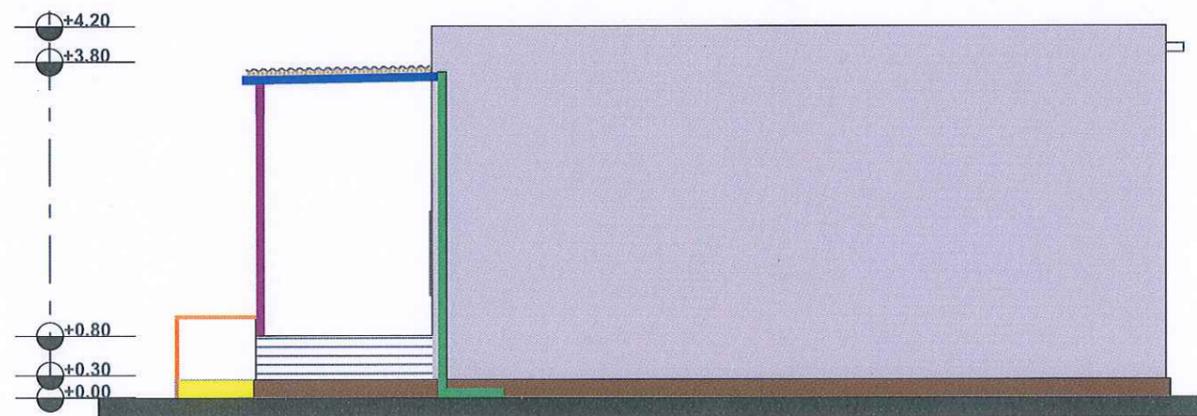
SCALE: 1 : 15



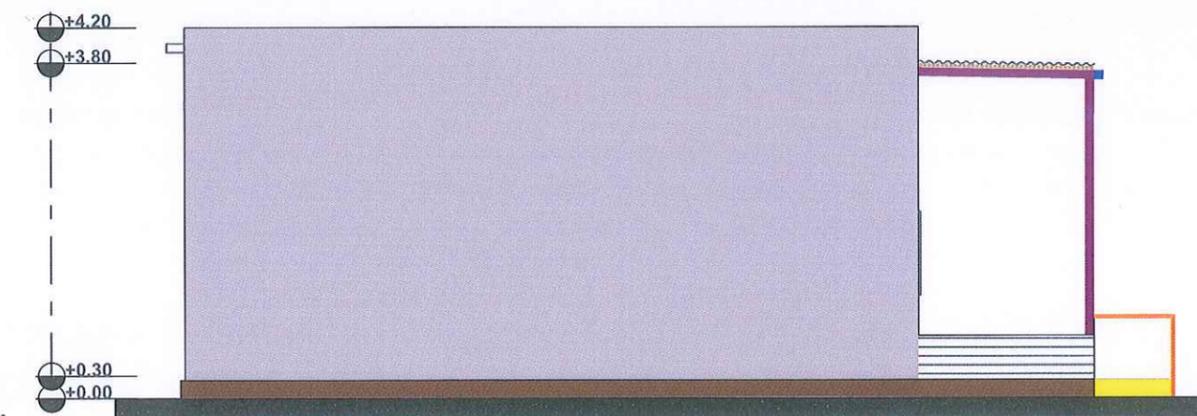
SOUTH ELEVATION



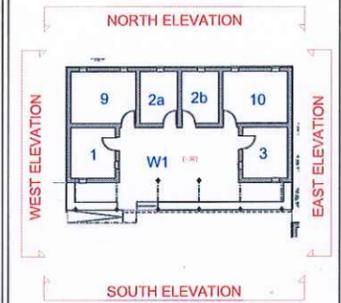
NORTH ELEVATION



EAST ELEVATION



WEST ELEVATION



LEGEND

	Description
	Curbstone h=30cm
	External painting
	New flooring
	New ramp
	New handrail
	Wooden bamboo sticks
	Steel profile 10x5 cm
	Bench in bricks H=50CM
	Vally Gutter
	100 mm rain water drainage pipe

DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

LOCATION :
NORTHERN EAST AL FASHER

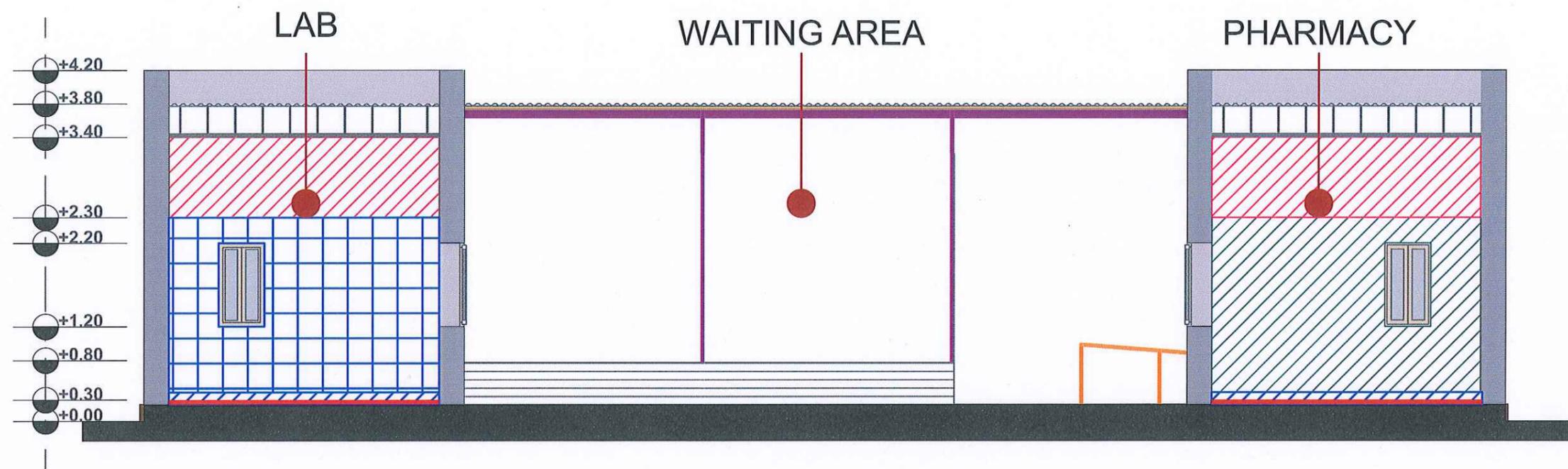
ARCHITECT :
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :
ELEVATIONS

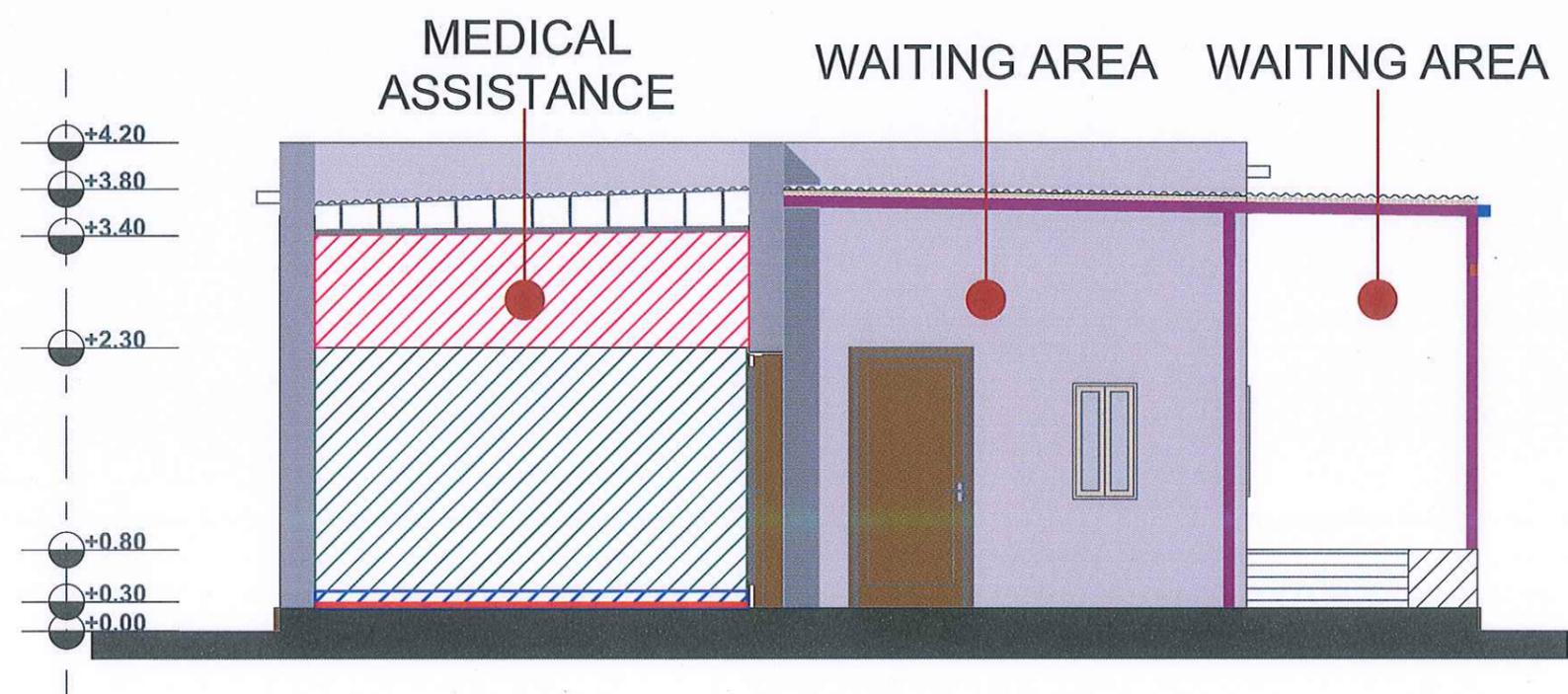
INDEX :
A-06

SCALE :
1:80

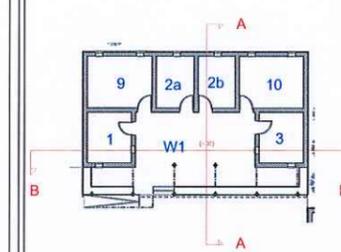




SECTION B - B



SECTION A - A



LEGEND

	Description
	Curbstone h=30cm
	External painting
	New flooring
	New ramp
	New handrail
	Wooden bamboo sticks
	Steel profile 10x5 cm
	Bench in bricks H =50CM
	Skirting tiles supply h=15cm
	Glossy oil painting (internal) from floor up to 2.00m
	Emulsion paint (internal) from 2.00m to ceiling
	WALL TILE 15x15

DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

LOCATION :
NORTHERN EAST AL FASHER

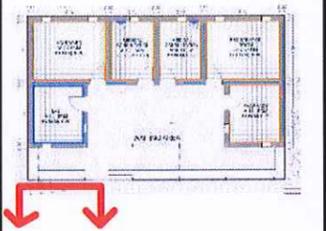
ARCHITECT :
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :
SECTIONS -A & B-

INDEX :
A-07

SCALE :
1:60





PROGRAM TITLE:
T05-EUTF-HOA-SD-73-01

PROJECT TITLE:
PHC of Al Salam - Nutrition
program (ALF05)

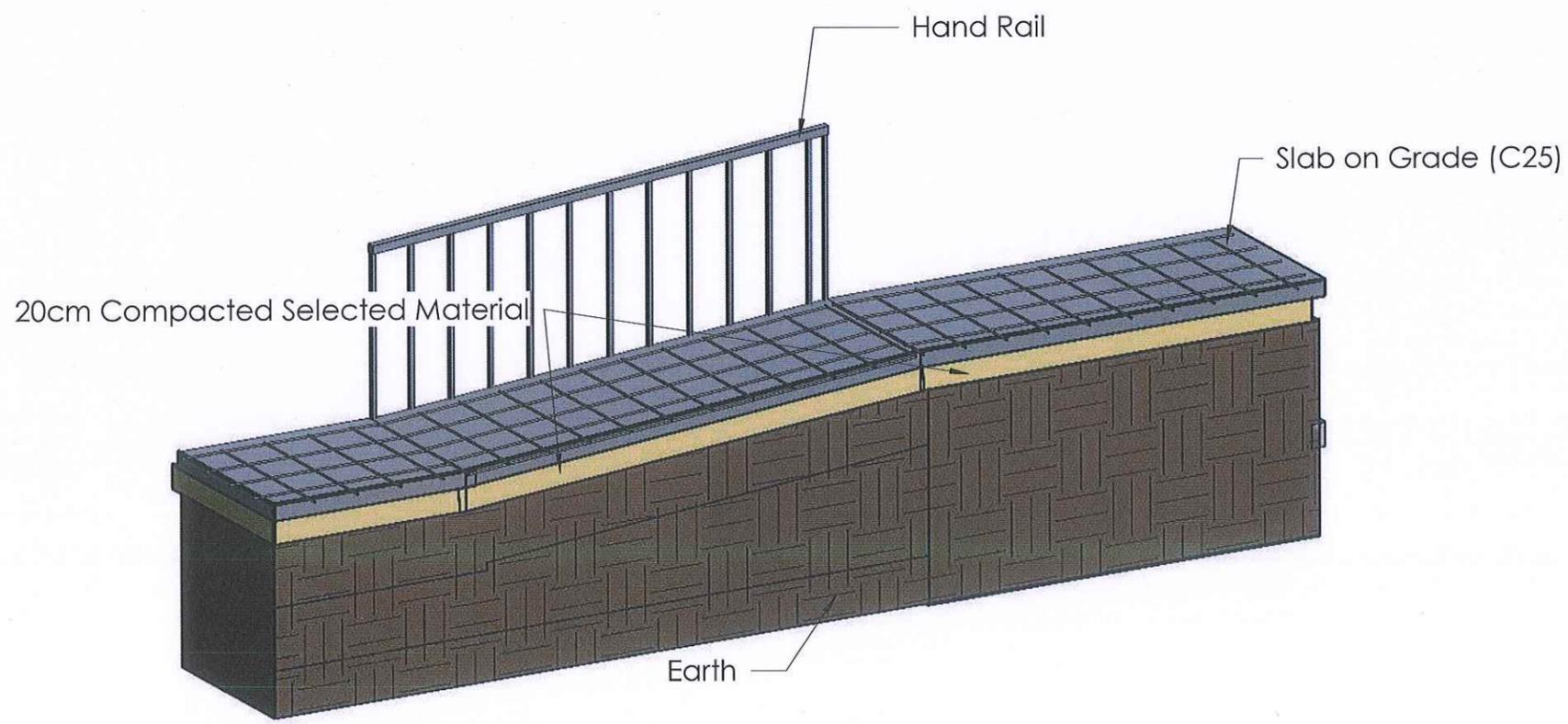
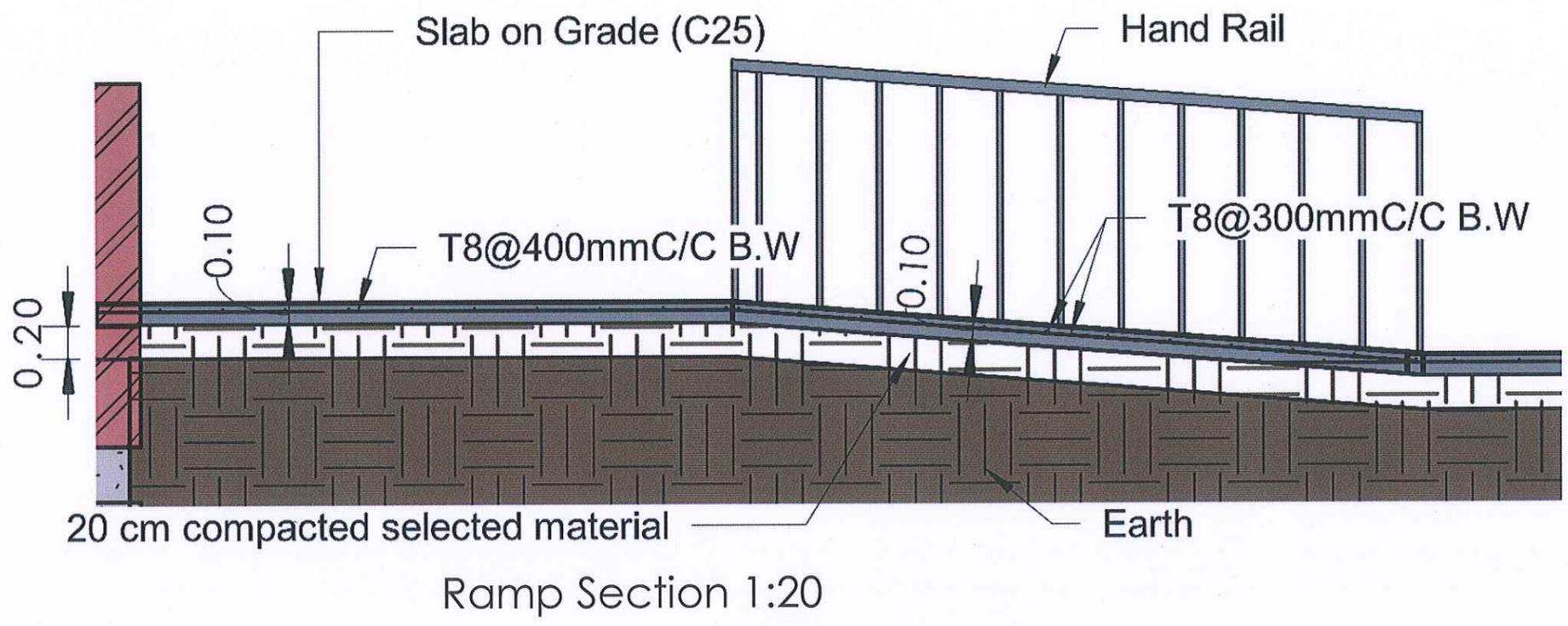
LOCATION:
Northern East Al Fasher

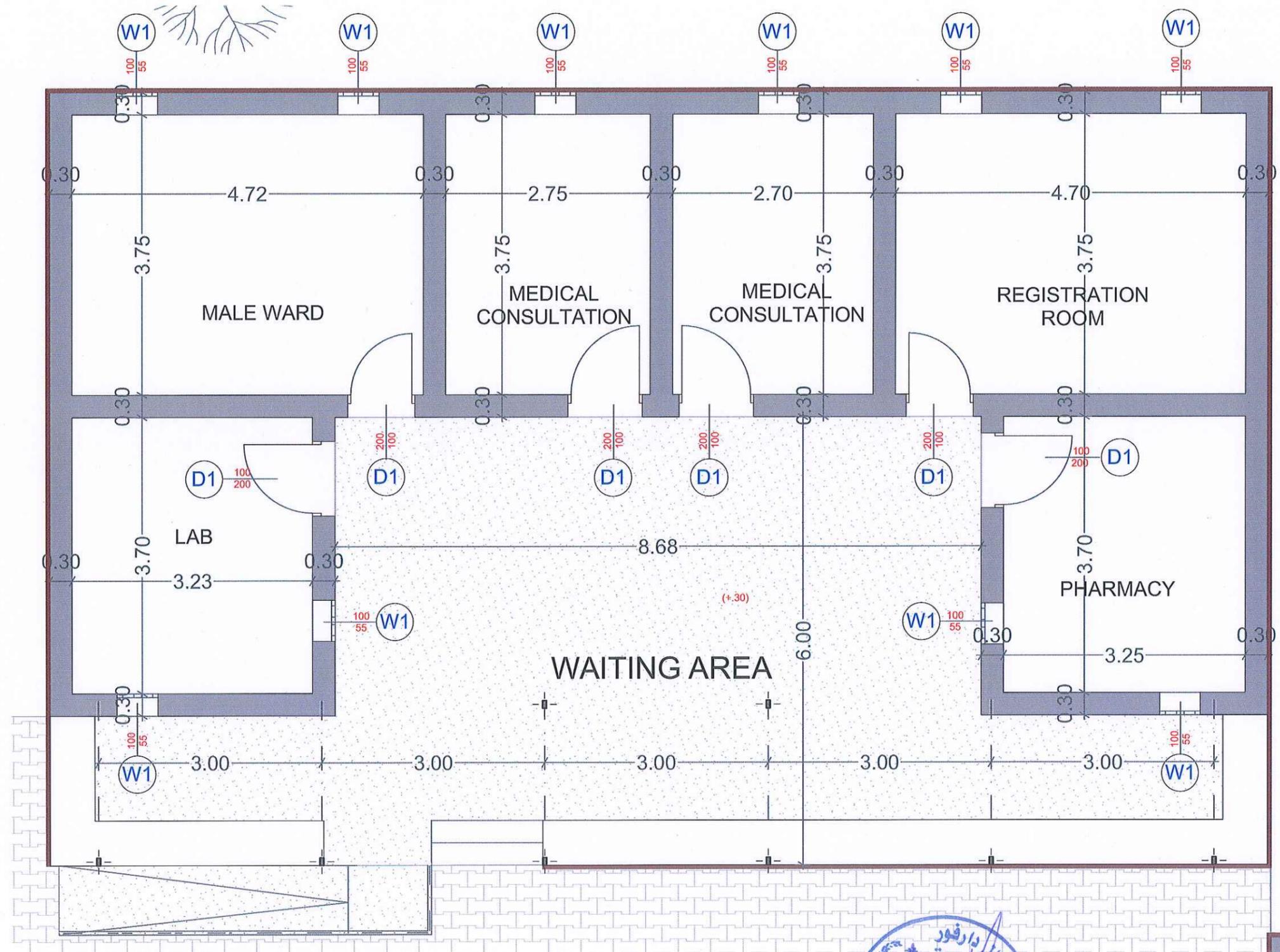
STRUCTURAL ENGINEER:
ENG. IBRAHIM MOHAMMED IBRAHIM
CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
Ramp Section and 3D

DATE: January 2022

INDEX: A_08 SCALE:





LEGEND

Description			
	Screed cement finishing for ramp		
INTERLOCK			
CODE	H x L	N°	MAT.
D1	1.00x2.00	6	STEEL
W1	1.00x0.55	10	STEEL

DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

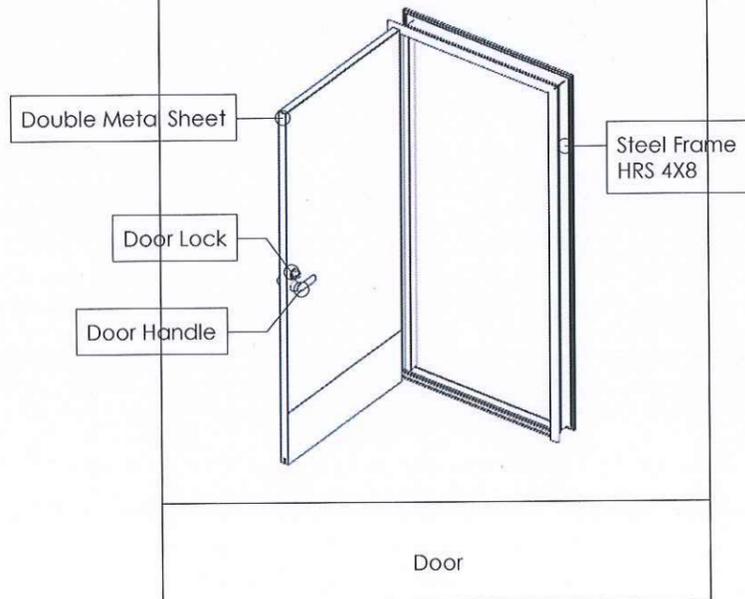
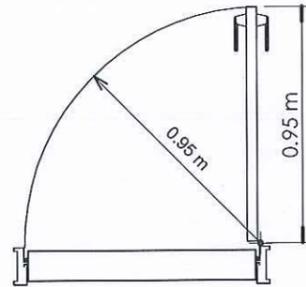
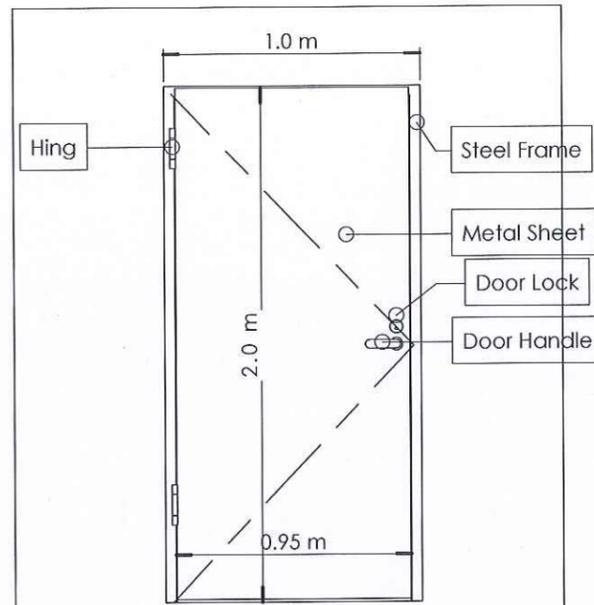
LOCATION :
NORTHERN EAST AL FASHER

ARCHITECT :
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

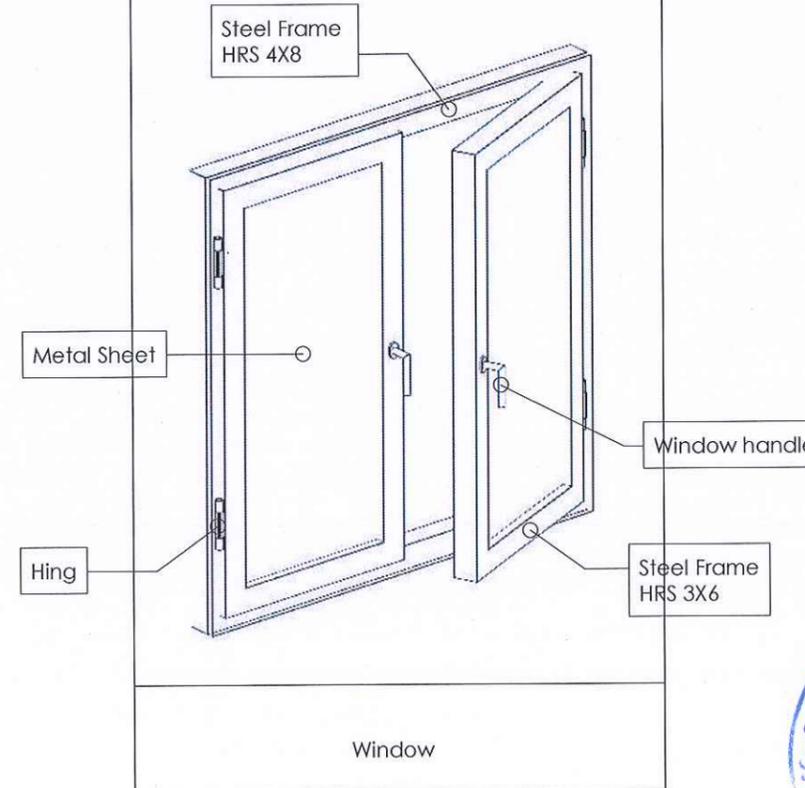
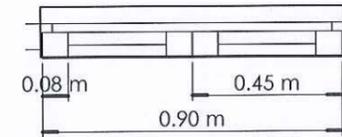
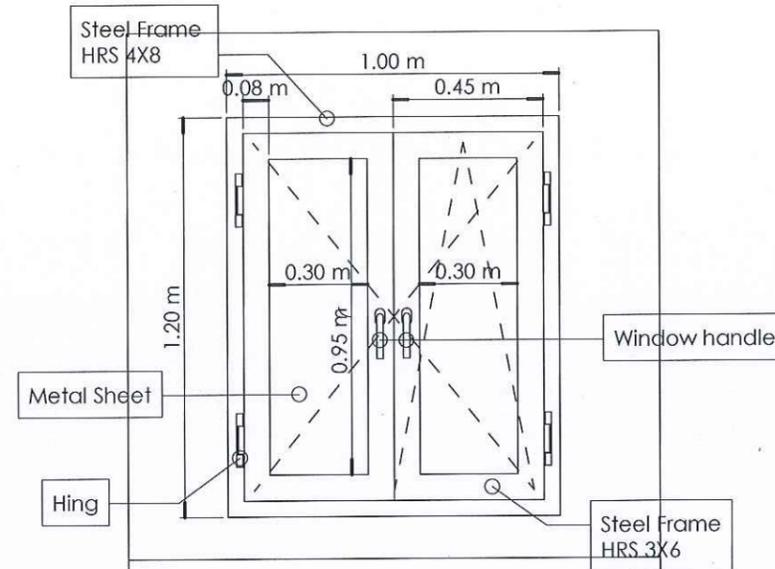
DRAWING TITLE :
GROUND FLOOR PLAN
doors & windows

INDEX : A-09	SCALE : 1:60	
-----------------	-----------------	--





○ DOOR Details
1 : 20



○ WINDOWS Details
1 : 15



AICS-Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

AL-Amarat Mohamed Najeeb Street, Khartoum
TEL: +249925451234
+249115418666
EMAIL: DQTC.ENGINEERING@GMAIL.COM



PROGRAM TITLE :
T05-EUTF-HOA-SD-73-01

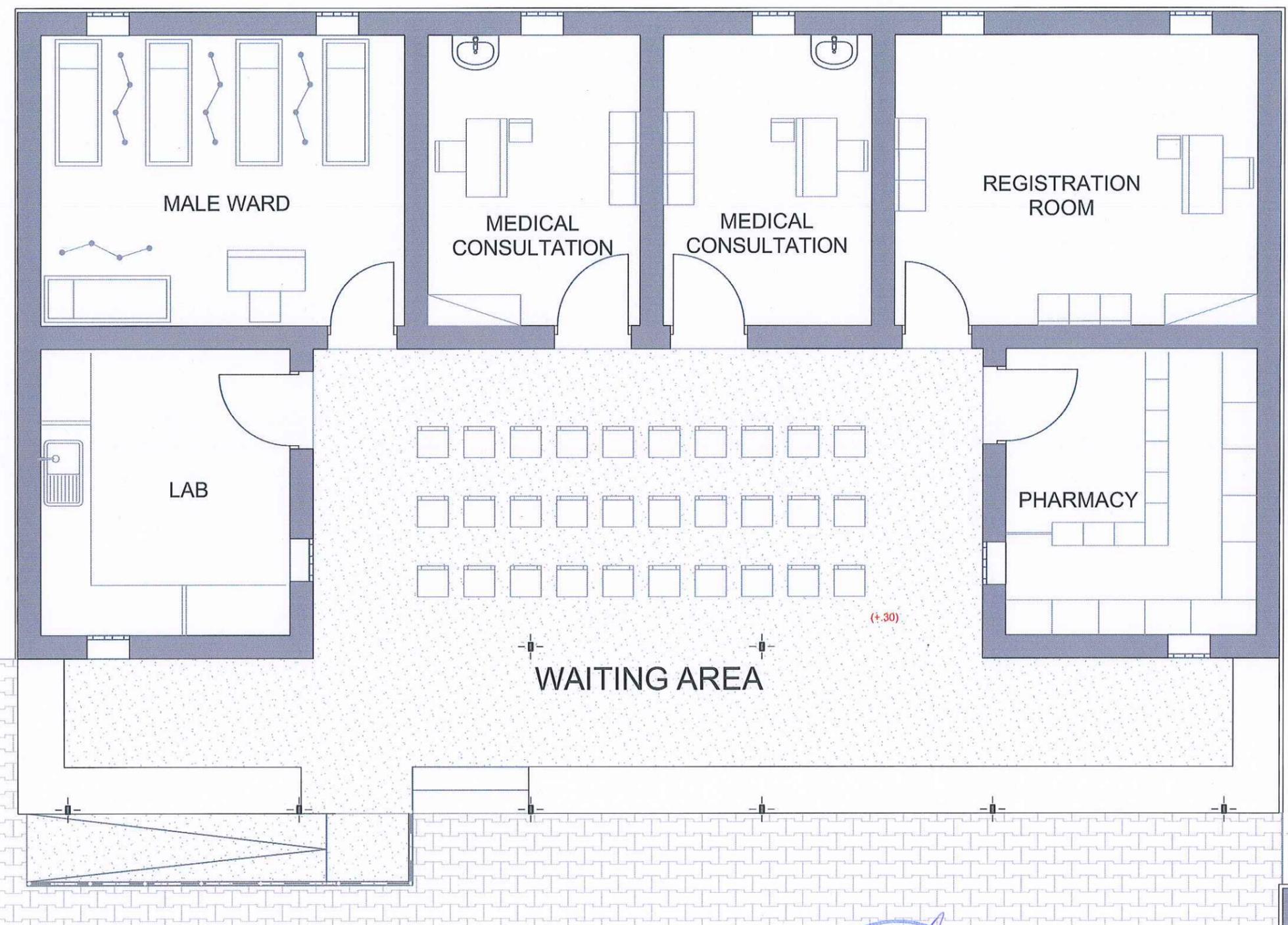
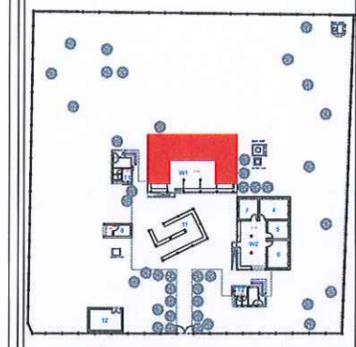
PROJECT TITLE :
PHC of Al Salam - Nutrition program (ALF05)
LOCATION :
Northern East Al Fasher

ARCHITECT :
ENG. IBRAHIM MOHAMMED IBRAHIM
STRUCTURAL ENGINEER :
ENG. Designer
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :
Door and Windows Details

DATE : January 2022

INDEX : A_10 SCALE : As indicated



LEGEND

	Description
	Screed cement finishing for ramp
	INTERLOCK

DATE:
JANUARY 2022

PROPERTY OF:
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME:
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

LOCATION:
NORTHERN EAST AL FASHER

ARCHITECT:
ENG.Rabab Azhari Fadle Elseed

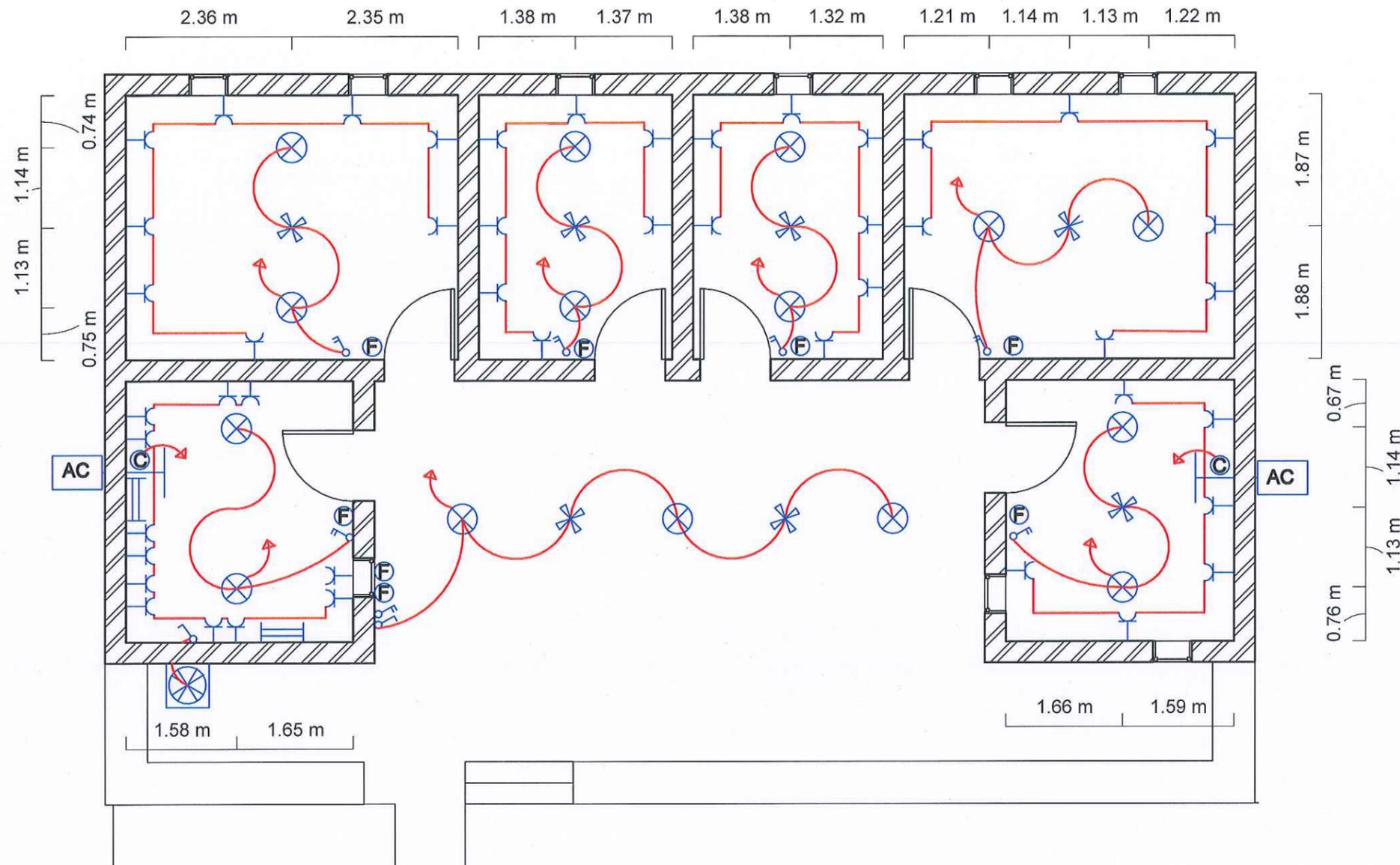
STRUCTURAL ENGINEER:
ENG.Designer IBRAHEM MOHAMED

CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
GROUND FLOOR PLAN
furniture

INDEX: A-11	SCALE: 1:60	
-----------------------	-----------------------	--





1 **BLOCK A**
1 : 75

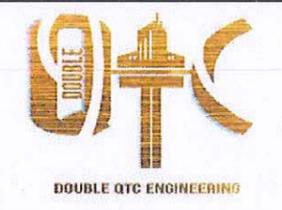


DESCRIPTION		DESCRIPTION	
	SINGLE LIGHT SWITCH		FAN SWITCH
	DOUBLE LIGHT SWITCH		CEILING FAN
	TRIPLE LIGHT SWITCH		NEON LAMP
	SOCKET OUTLET POINT		CEILING LAMP
	AC SWITCH 45 AMP		AIR CONDITIONER 24000BTU
	EXHAUST FAN		



AICS-Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

AL-Amarat Mohamed Najeeb Street, Khartoum
TEL: +249925451234
+249115418666
EMAIL: DQTC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:
T05-EUF-HOA-SD-73-01

PROJECT TITLE:
PHC of Al Salam - Nutrition Program

LOCATION:
Northern East Al Fasher

ELECTRICAL ENGINEER:
ENG. MOHAMMED SALAH ALAMIR

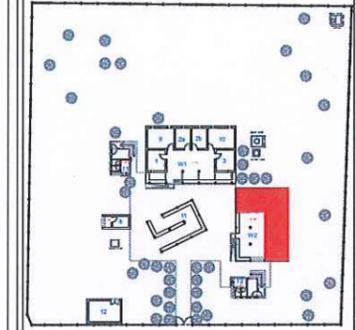
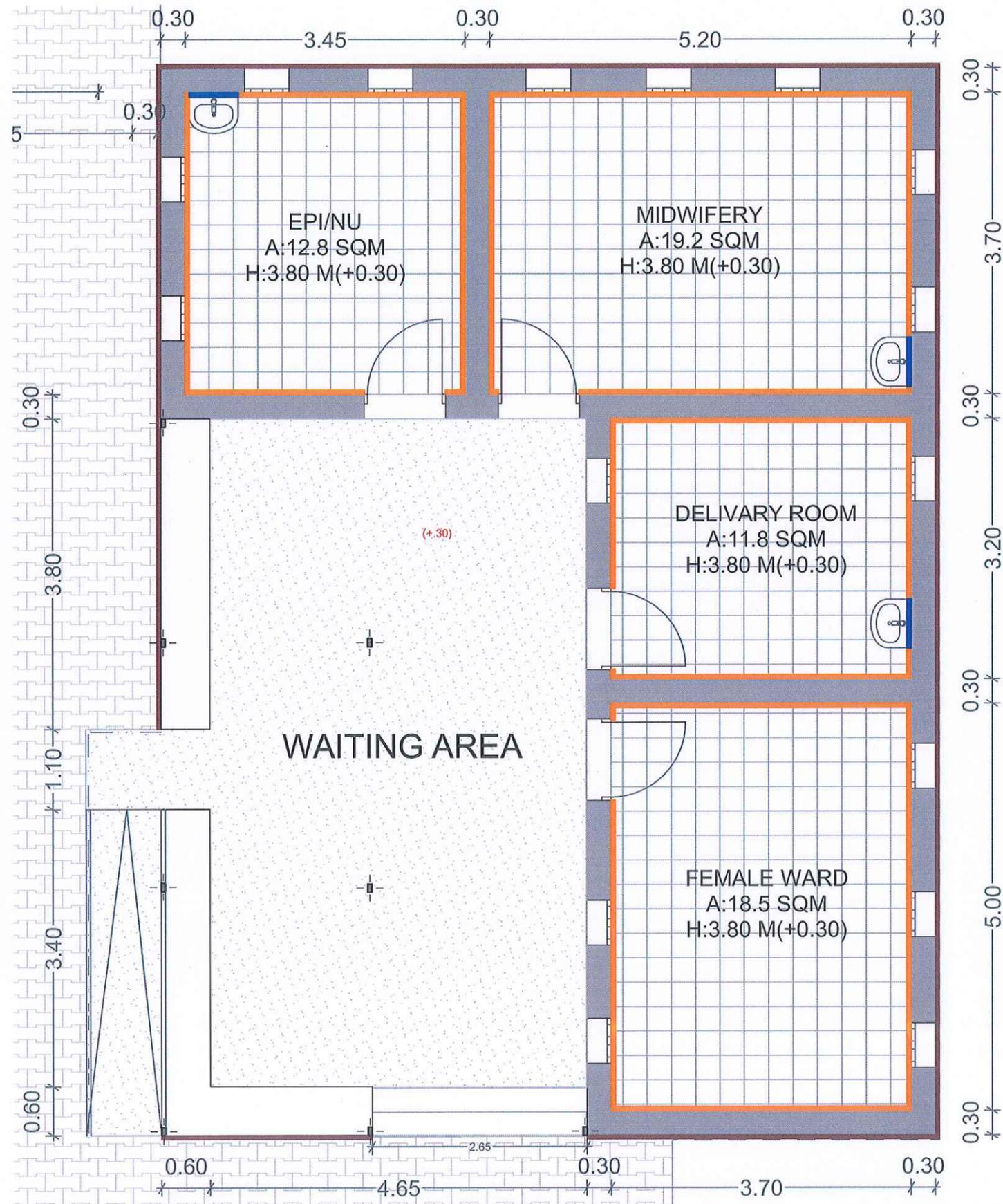
CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
BLOCK A ELECTRICAL LAYOUT

DATE: JANUARY 2022

INDEX: A_12	SCALE: 1 : 75
----------------	------------------





LEGEND

Symbol	Description
	new internal flooring(+0.30)with ceramic tiles (60x60cm)
	Screed cement finishing for ramp
	Skirting ceramic h=15cm
	Curbstone h=30cm
	Wall ceramic tiles(15 x 15cm)
	INTERLOCK

DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

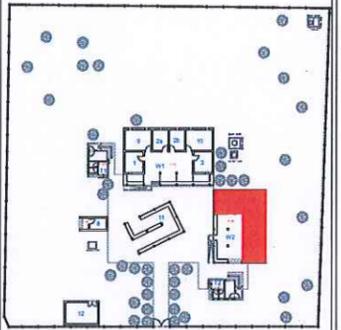
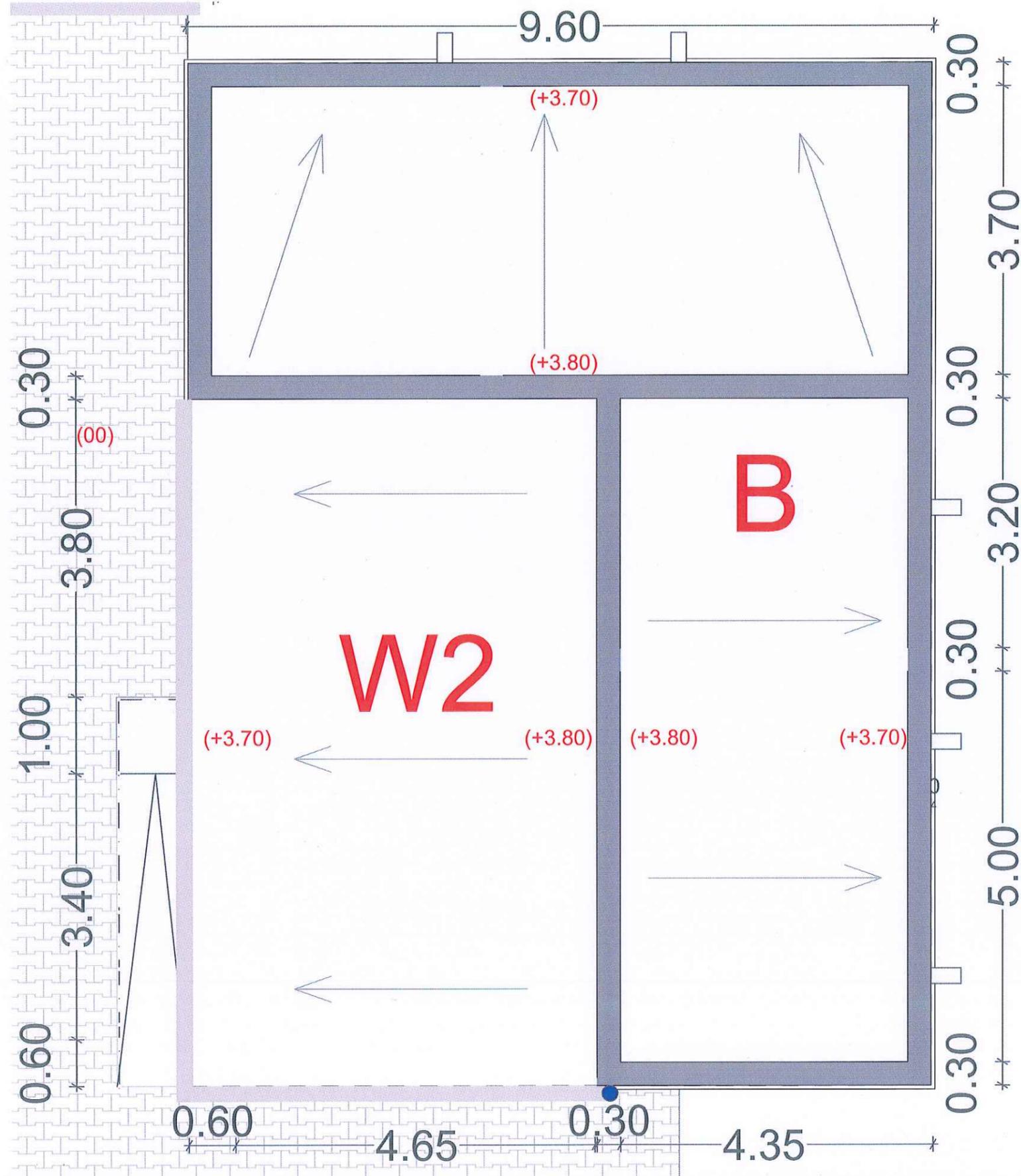
PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

LOCATION :
NORTHERN EAST AL FASHER

ARCHITECT :
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :
GROUND FLOOR PLAN

INDEX : B-01	SCALE : 1:60	
-----------------	-----------------	--



LEGEND

Description	Description
	corrugated metal (american) sheet
	INTERLOCK
	Vally Gutter
	100 mm rain water drainage pipe

DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

LOCATION :
NORTHERN EAST AL FASHER

ARCHITECT :
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :
ROOF PLAN

INDEX : B-02	SCALE : 1:60	
-----------------	-----------------	--



PROGRAM TITLE:
T05-EUTF-HOA-SD-73-01

PROJECT TITLE:
PHC of Al Salam - Nutrition
program (ALF05)

LOCATION:
Northern East Al Fasher

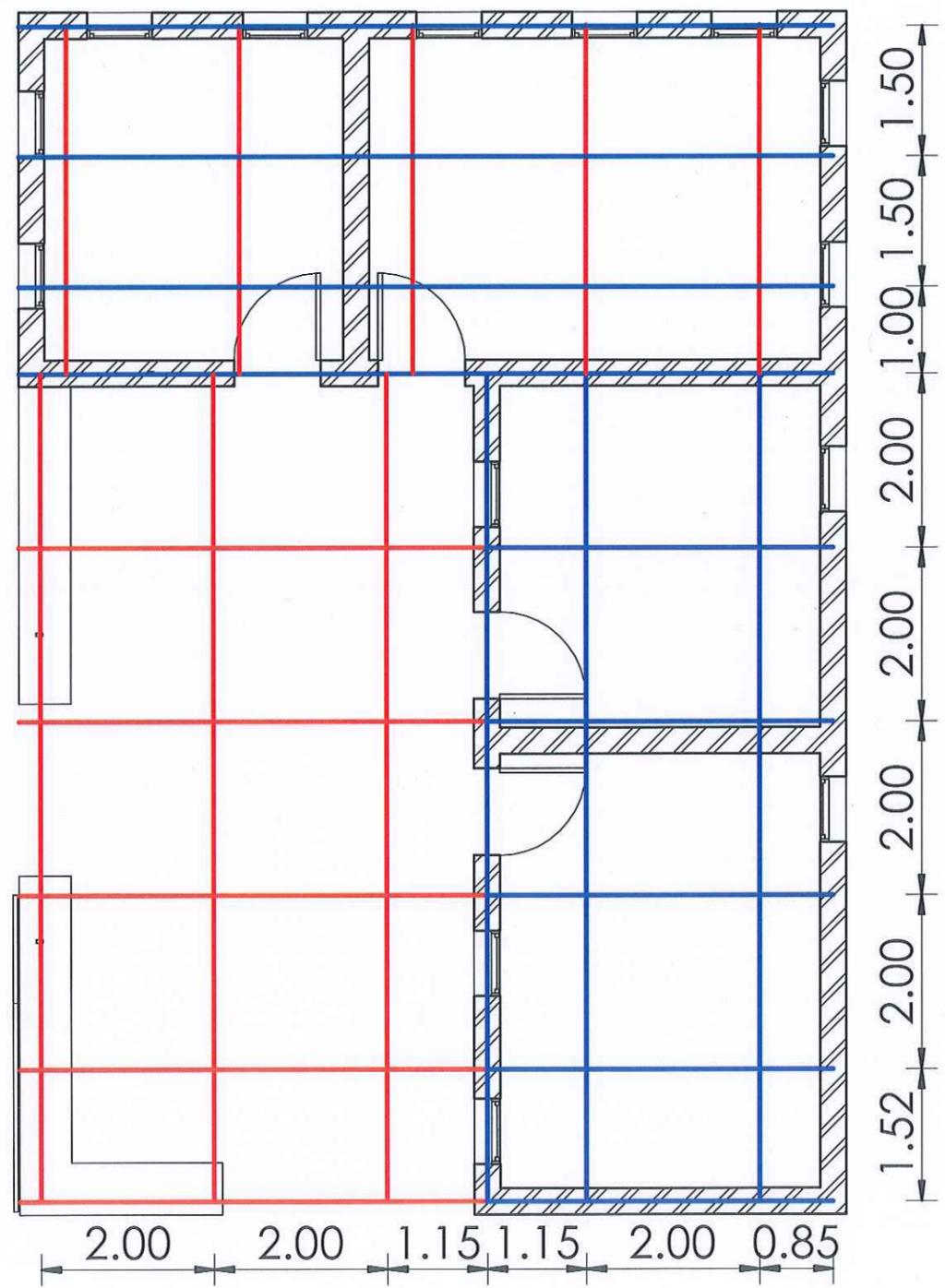
STRUCTURAL ENGINEER:
ENG. IBRAHIM MOHAMMED IBRAHIM
CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
Roof Structure Plan

DATE: January 2022

INDEX: B_03	SCALE: 1 : 75	
----------------	------------------	--

0.40 2.00 2.00 2.00 2.00 0.85

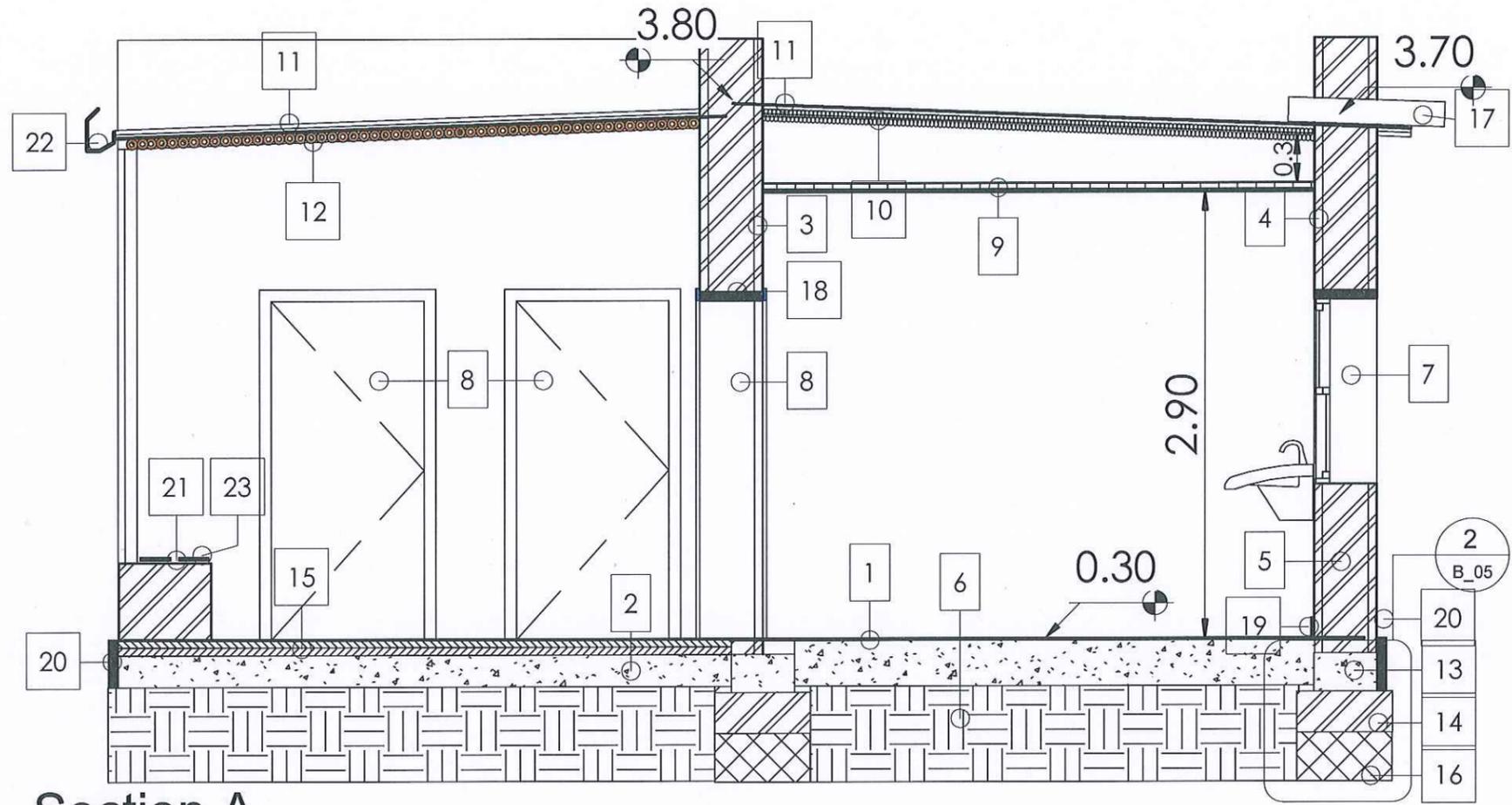
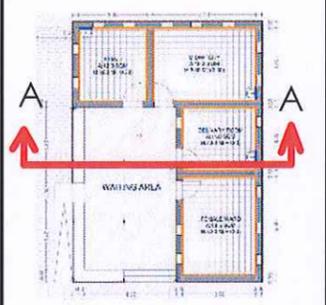


HRS 100x10x2

HRS 100x10x2

1 Roof Structure Plan.
1 : 75





1 Section A
1 : 40

1	Tiles (internal ceramic)	8	Door	15	Concrete Floor	22	Galvanized Gutter
2	Reinforced Concrete(C20)	9	False Ceiling	16	Rock Foundation	23	Wodden Planks
3	Paint	10	Insulation Layre	17	PVC Pipe		
4	Screed	11	Steel Sheet (Zinc)	18	Lintel Beam		
5	Wall	12	Bambo	19	Skerting Tiles		
6	Compacted Soil	13	Grade Beam	20	Curbstone		
7	Window	14	Wall 40 cm (Gasa)	21	Plaster		



PROGRAM TITLE:
T05-EUTF-HOA-SD-73-01

PROJECT TITLE:
PHC of Al Salam - Nutrition program (ALF05)

LOCATION:
Northern East Al Fasher

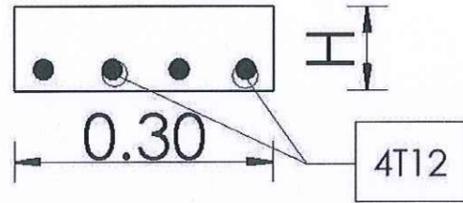
STRUCTURAL ENGINEER:
ENG. IBRAHIM MOHAMMED IBRAHIM
CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
Roof Section

DATE: January 2022

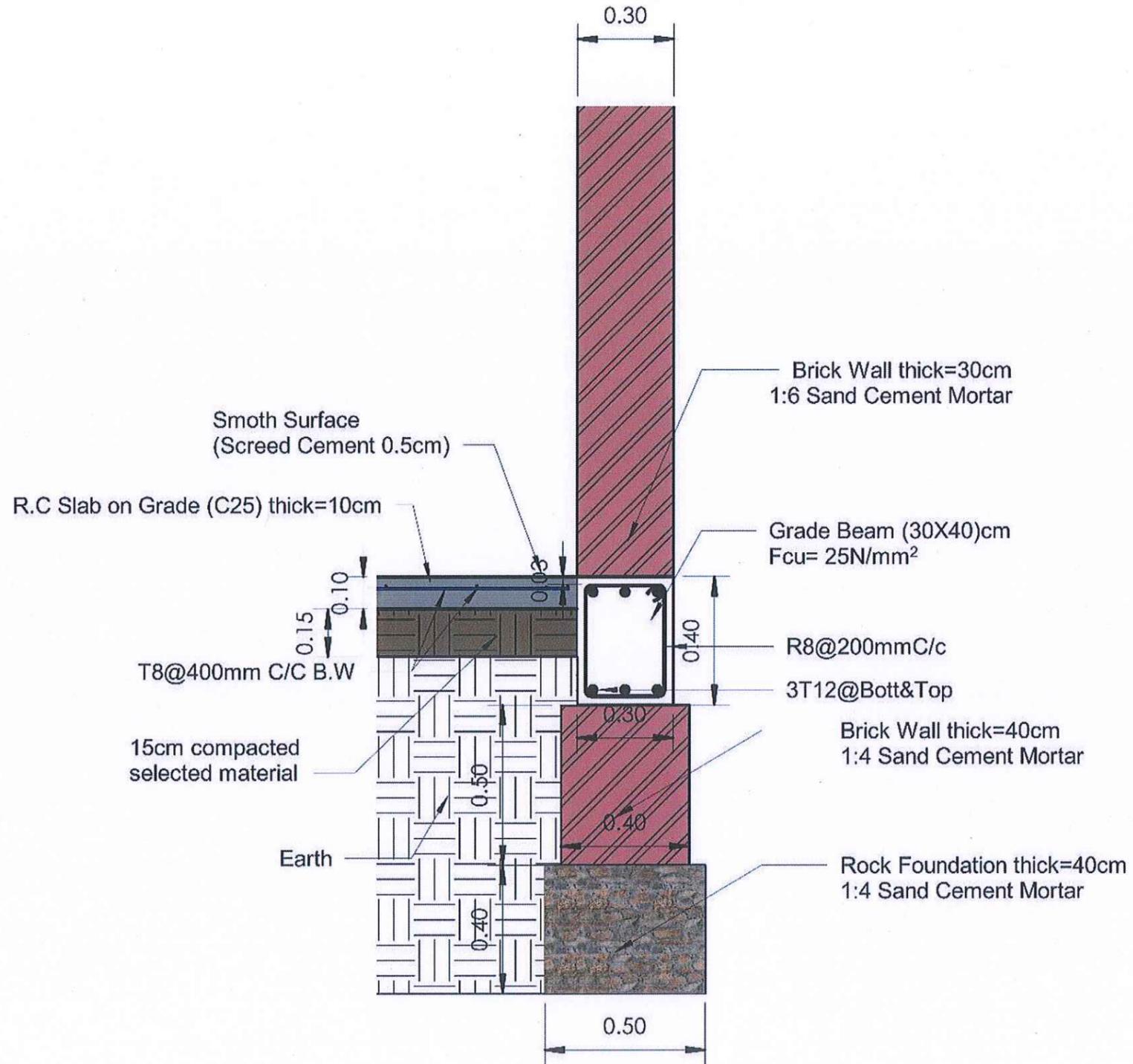
INDEX: B_04 SCALE: 1 : 40

Lintel Beam



H = 10cm for opening width = < 1 m

H = 15cm for opening width > 1 m



2 Callout A
1 : 15



AICS-Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

AL-Amarat Mohamed Najeeb Street, Khartoum

TEL: +249925451234
+249115418666

EMAIL: DQTC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:

T05-EUTF-HOA-SD-73-01

PROJECT TITLE:

PHC of Al Salam - Nutrition program (ALF05)

LOCATION:

Northern East Al Fasher

STRUCTURAL ENGINEER:

ENG. IBRAHIM MOHAMMED IBRAHIM

CHECKED BY:

ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:

Lintel Beam and Callout

DATE: January 2022

INDEX:

B_05

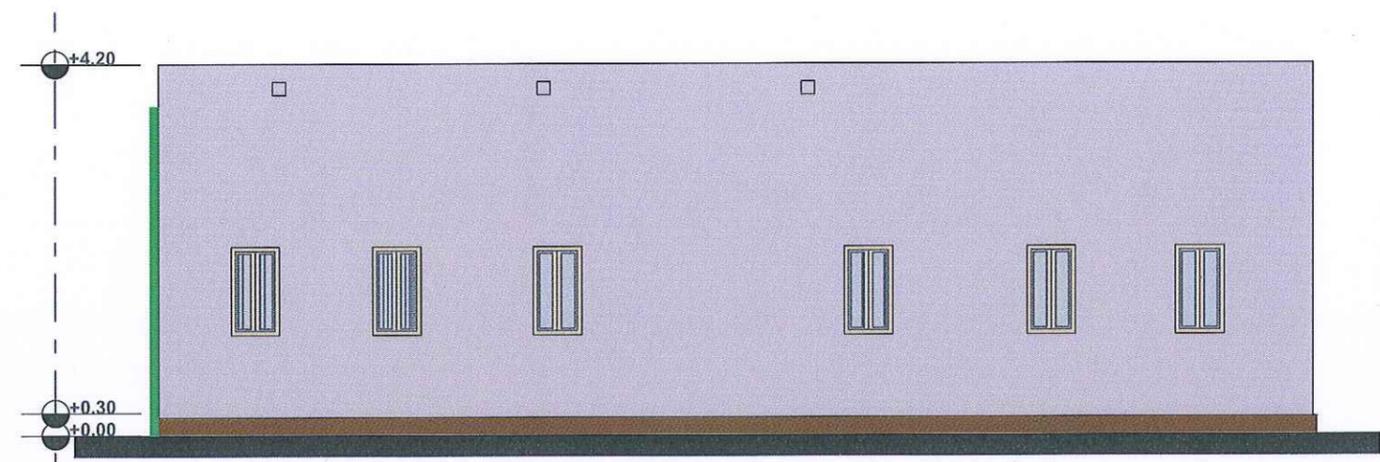
SCALE:

1 : 15

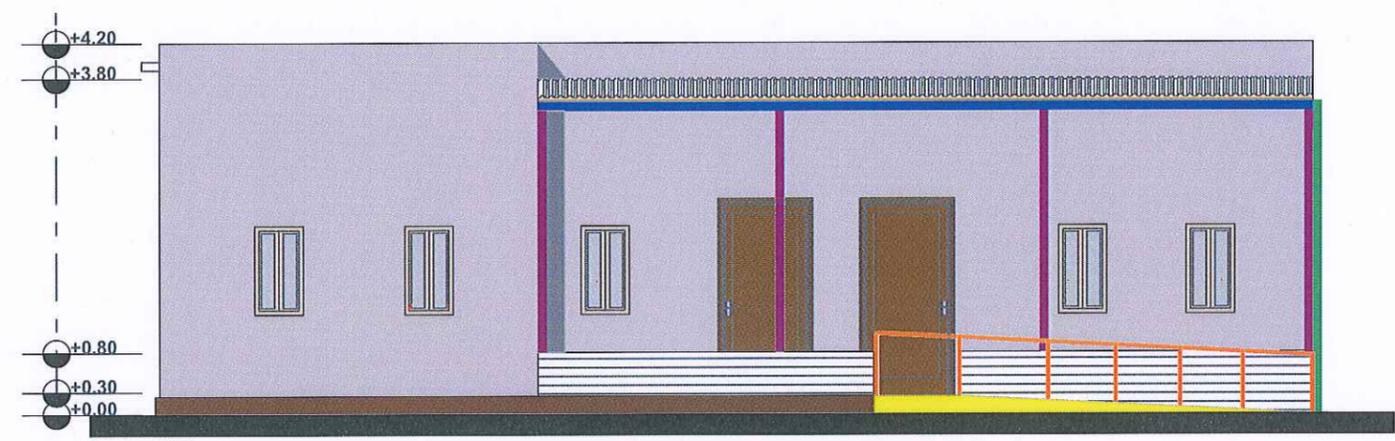




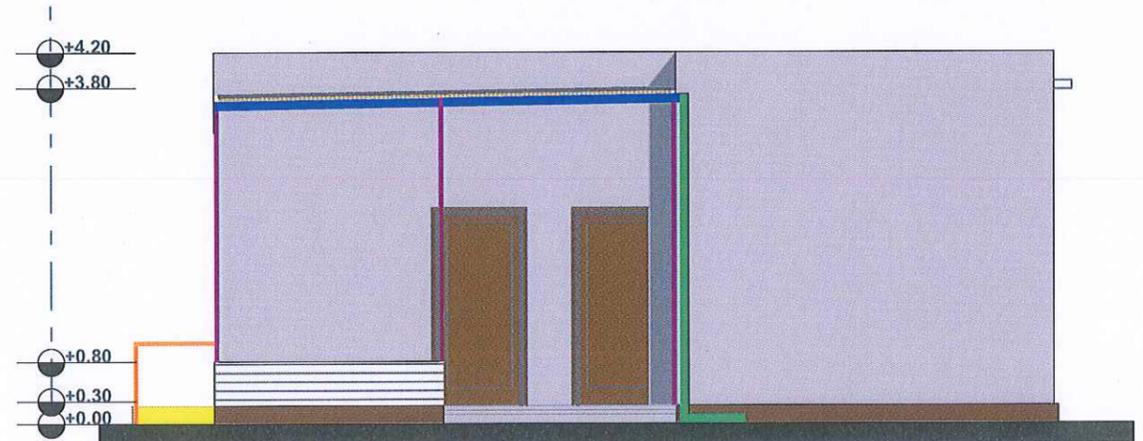
EAST ELEVATION



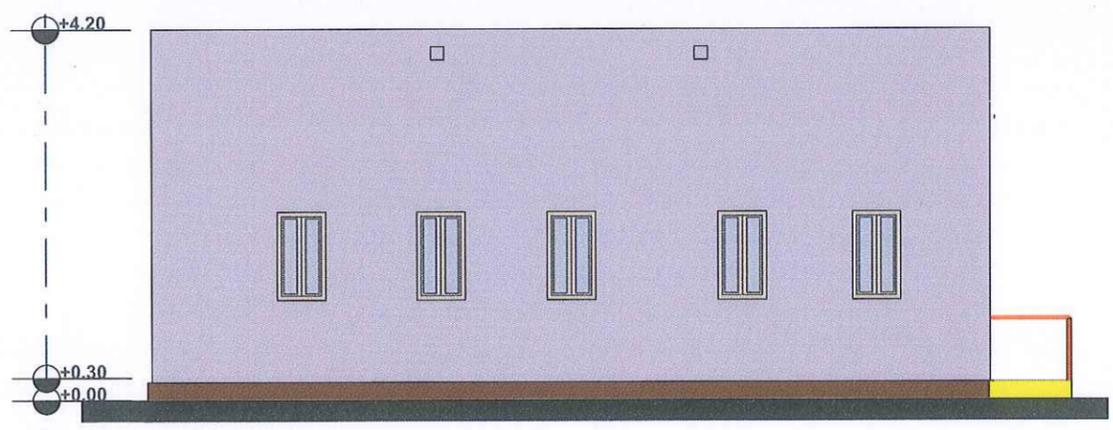
WEST ELEVATION



SOUTH ELEVATION



NORTH ELEVATION



LEGEND

	Description
	h=30cm
	External painting
	New flooring
	New ramp
	New handrail
	Wooden bamboo sticks
	Steel profile 10x5 cm
	Bench in bricks H=50CM
	Vally Gutter
	100 mm rain water drainage pipe

DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

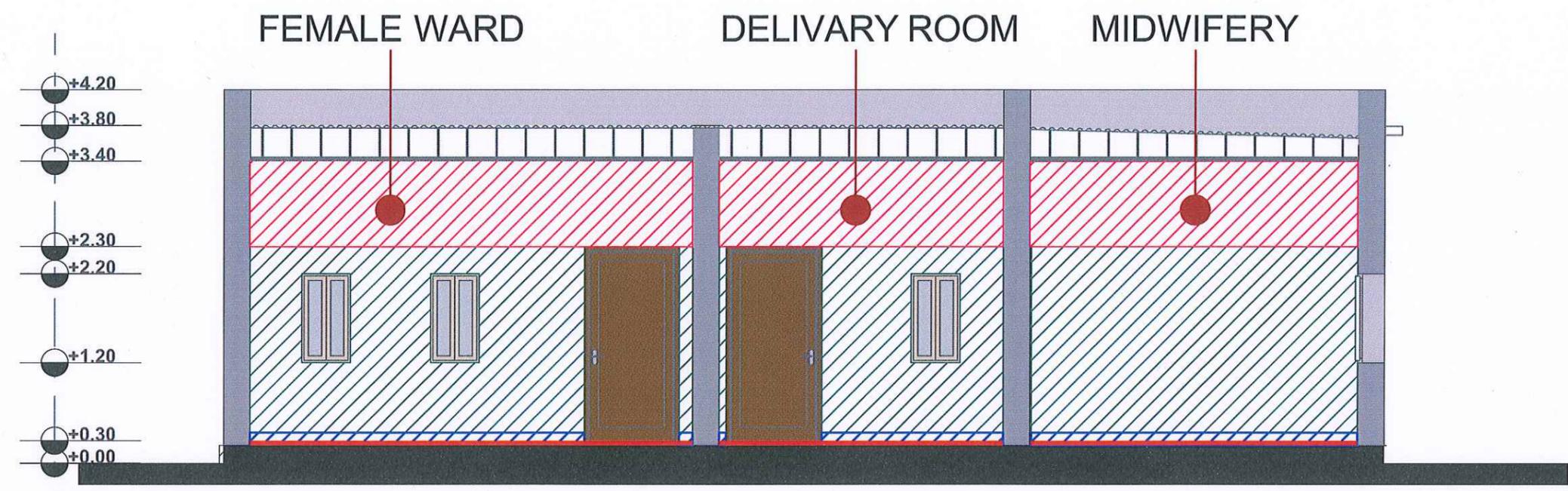
LOCATION :
NORTHERN EAST AL FASHER

ARCHITECT :
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

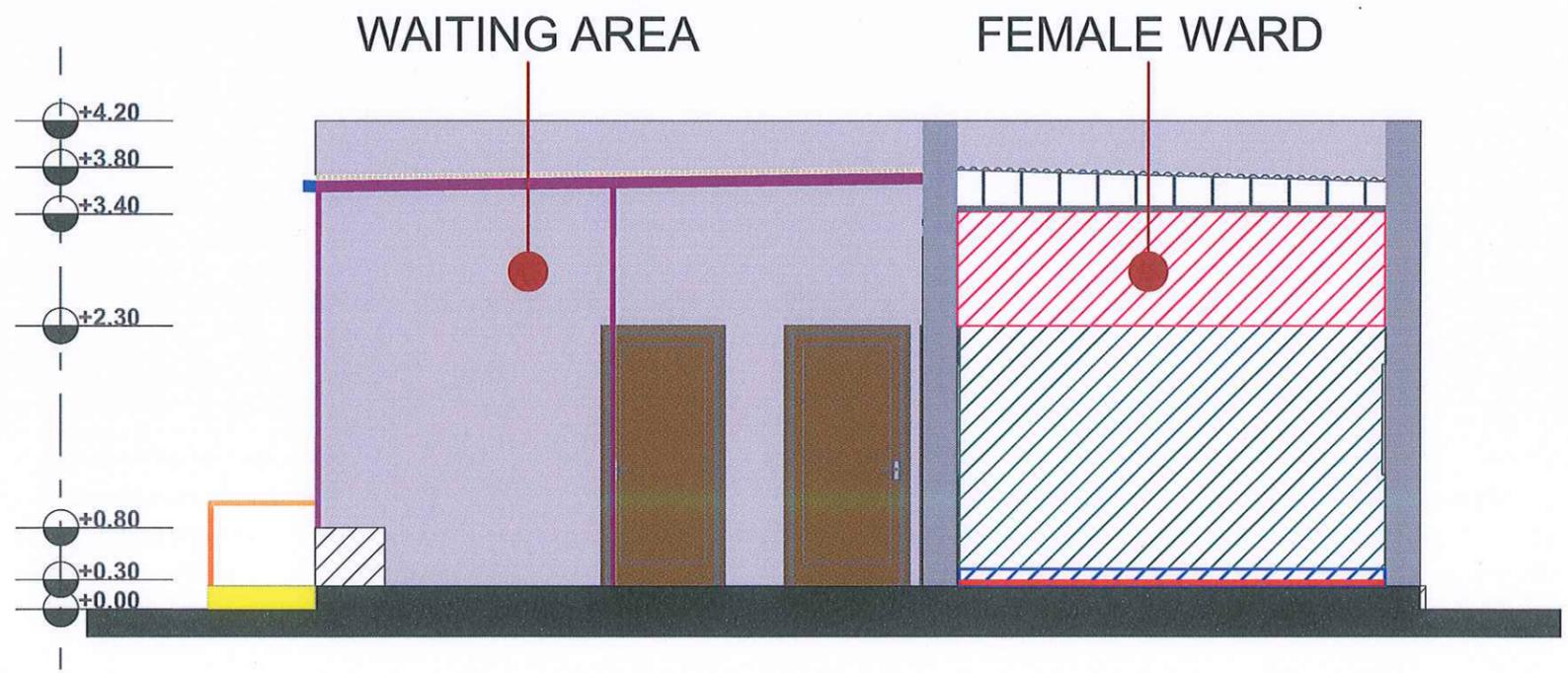
DRAWING TITLE :
ELEVATIONS

INDEX : B-06	SCALE : 1:80	
-----------------	-----------------	--

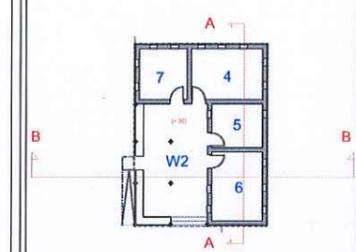




SECTION A - A



SECTION B - B



LEGEND

Description	Description
	h=30cm
	External painting
	New flooring
	New ramp
	New handrail
	Wooden bamboo sticks
	Steel profile 10x5 cm
	Bench in bricks H=50CM
	Skirting tiles supply h=15cm
	Glossy oil painting (internal) from floor up to 2.00m
	Emulsion paint (internal) from 2.00m to ceiling

DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

LOCATION :
NORTHERN EAST AL FASHER

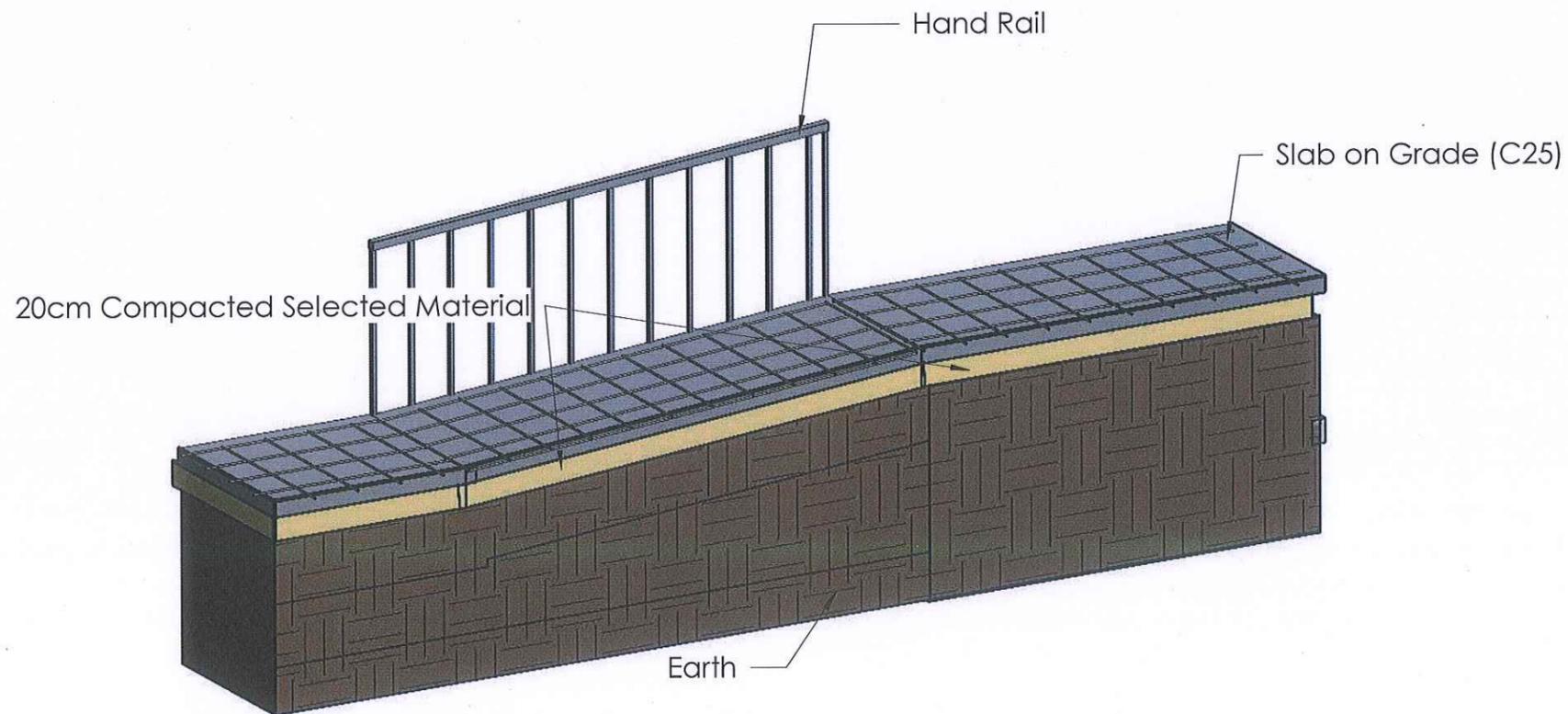
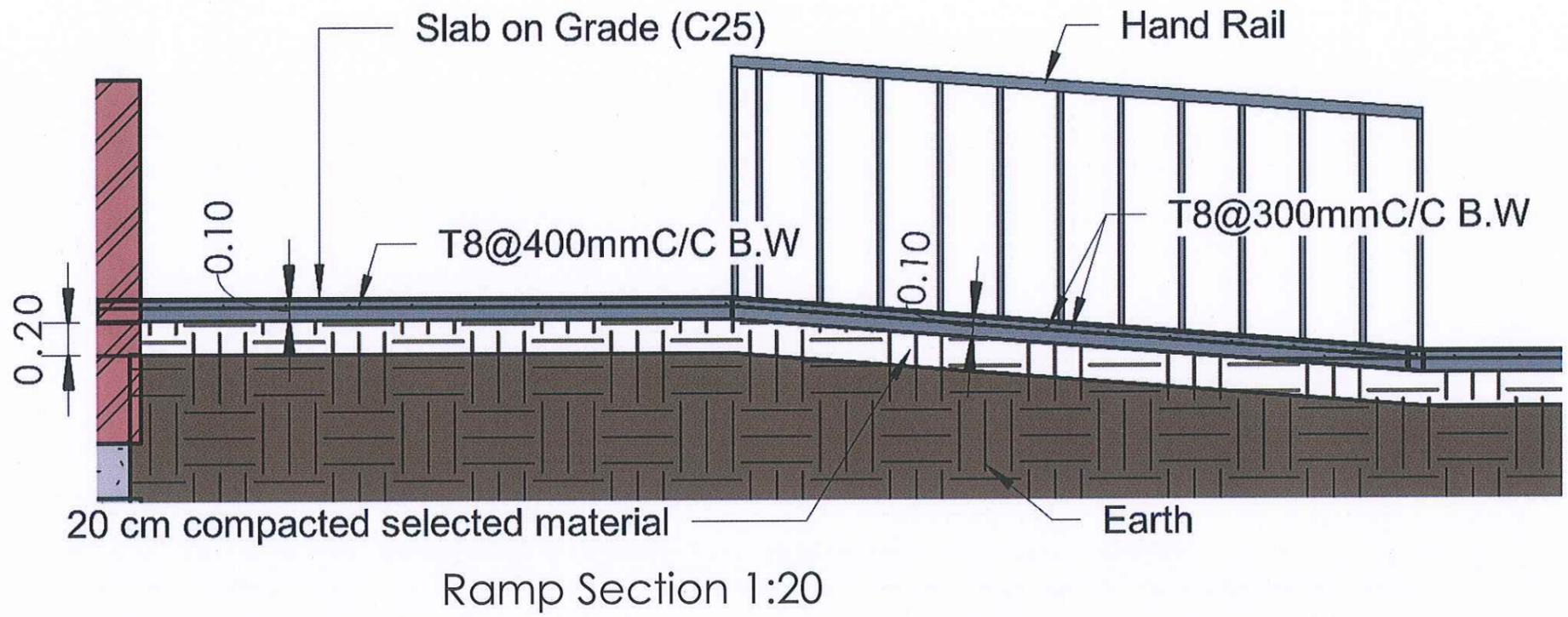
ARCHITECT :
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :
SECTIONS-A& B-

INDEX :
B-07

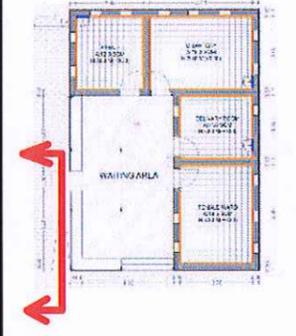
SCALE :
1:60





AICS-Italian Agency for Development Cooperation – SDN
 13 Project St. no 33 Amarat, House no 25
 Block 12 K-east Khartoum, SUDAN

AL-Amarat Mohamed Najeeb Street, Khartoum
 TEL: +249925451234
 +249115418666
 EMAIL: DGTC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:
 T05-EUTF-HOA-SD-73-01

PROJECT TITLE:
 PHC of Al Salam - Nutrition program (ALF05)

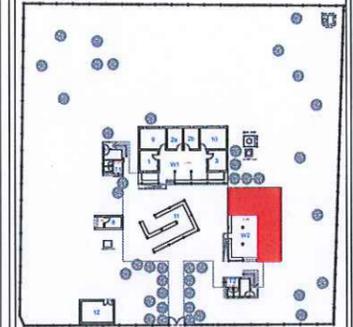
LOCATION:
 Northern East Al Fasher

STRUCTURAL ENGINEER:
 ENG. IBRAHIM MOHAMMED IBRAHIM
 CHECKED BY:
 ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
 Ramp Section and 3D

DATE: January 2022

INDEX: B_08 SCALE:



LEGEND

Description			
	Screed cement finishing for ramp		
INTERLOCK			
CODE	H x L	Nº	MAT.
D1	1.00x2.00	4	STEEL
W1	1.00x0.55	16	STEEL

DATE:
JANUARY 2022

PROPERTY OF:
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME:
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

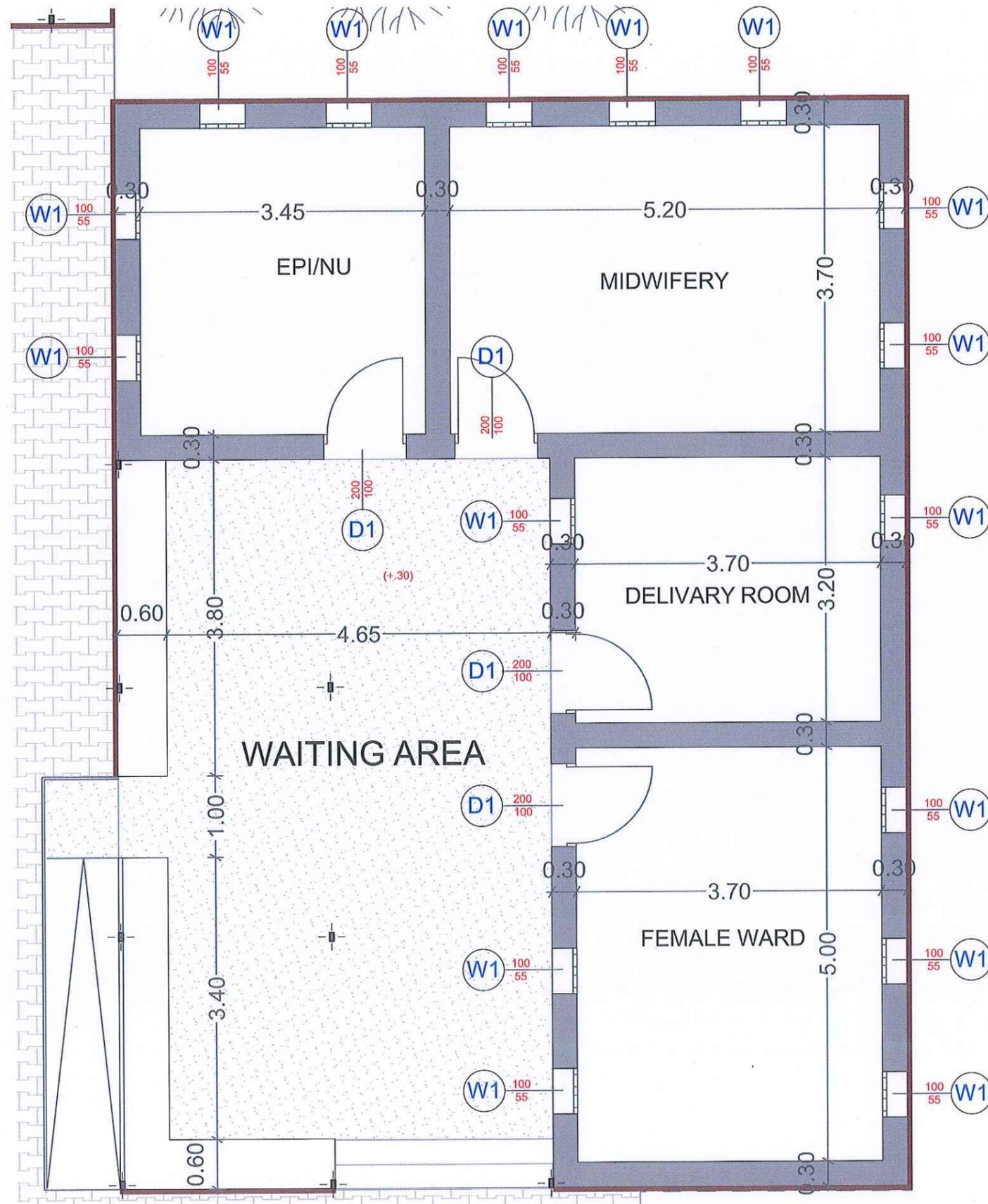
LOCATION:
NORTHERN EAST AL FASHER

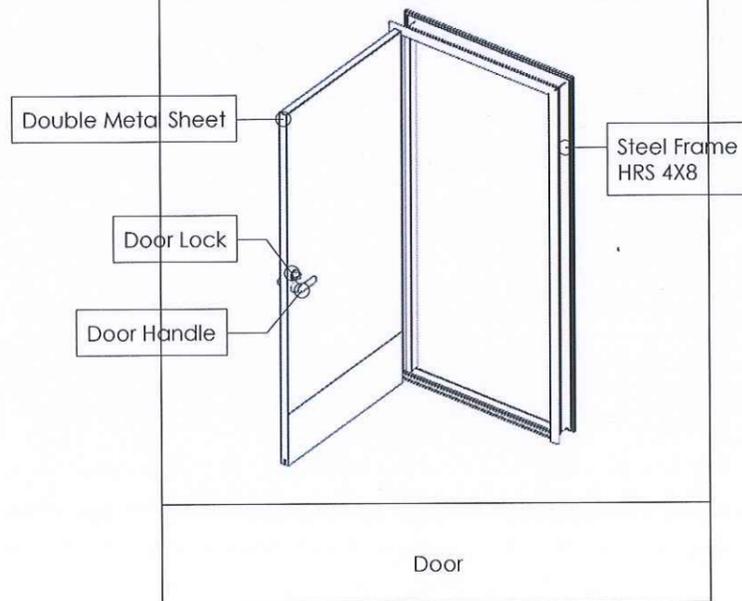
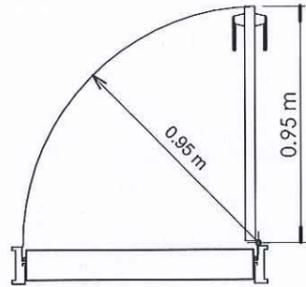
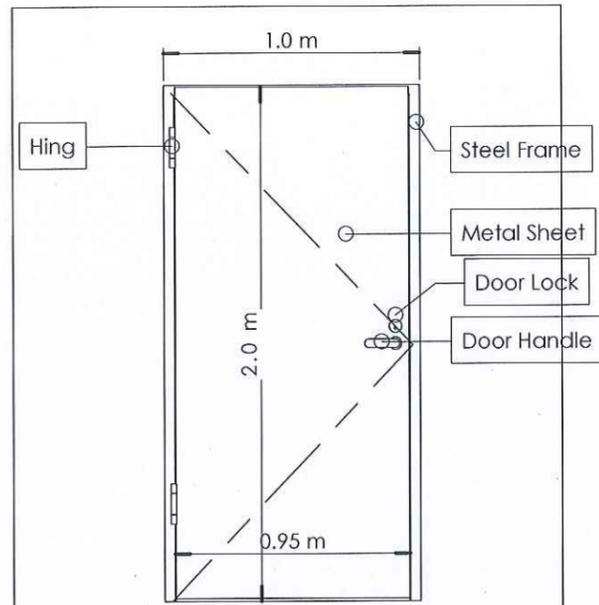
ARCHITECT:
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER:
ENG.Designer IBRAHEM MOHAMED
CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
GROUND FLOOR PLAN
doors & windows

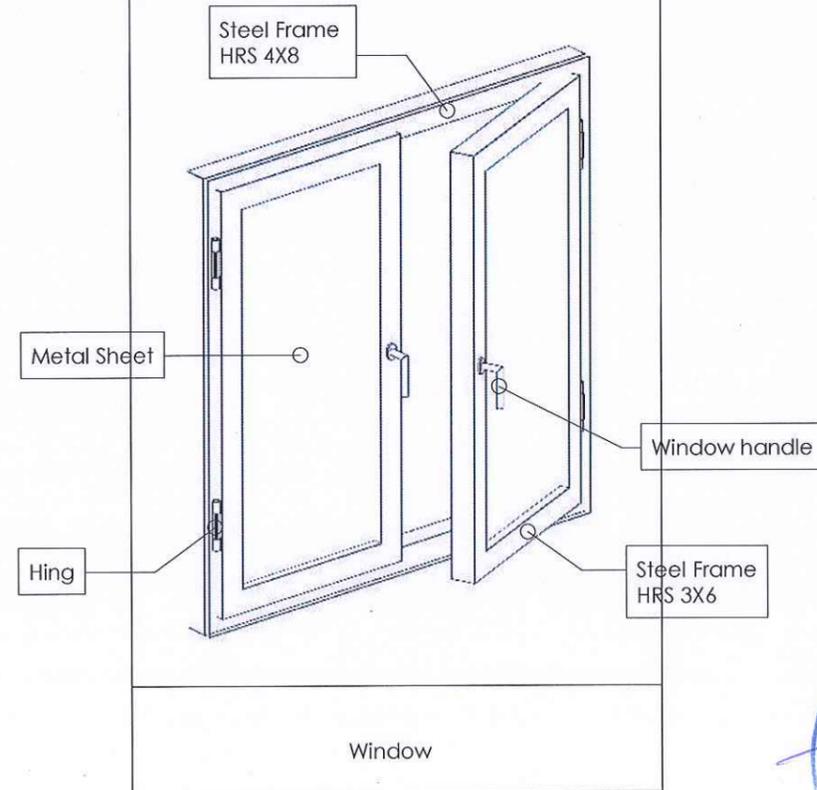
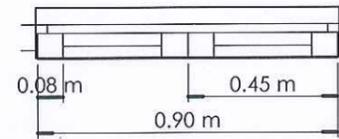
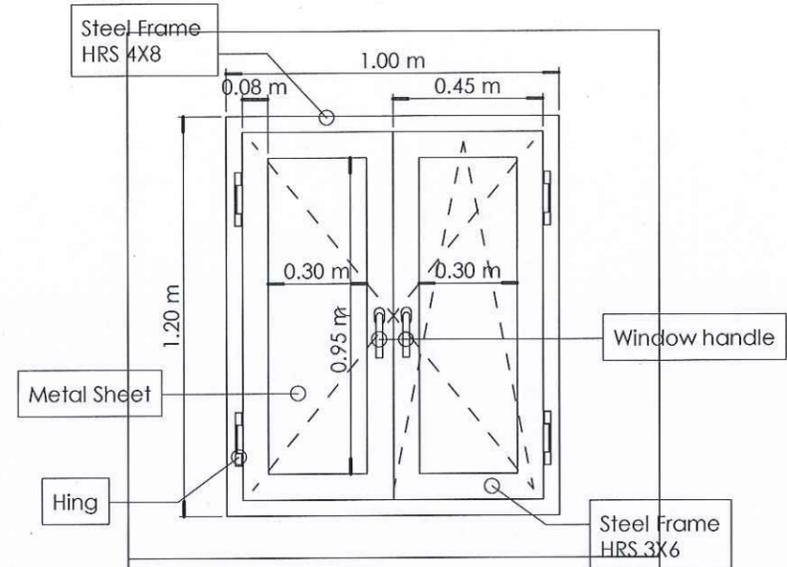
INDEX:
B-09

SCALE:
1:60



DOOR Details
1 : 20



WINDOWS Details
1 : 15



PROGRAM TITLE :
T05-EUTF-HOA-SD-73-01

PROJECT TITLE :
PHC of Al Salam - Nutrition program (AIE05)

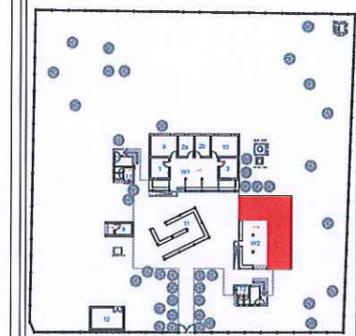
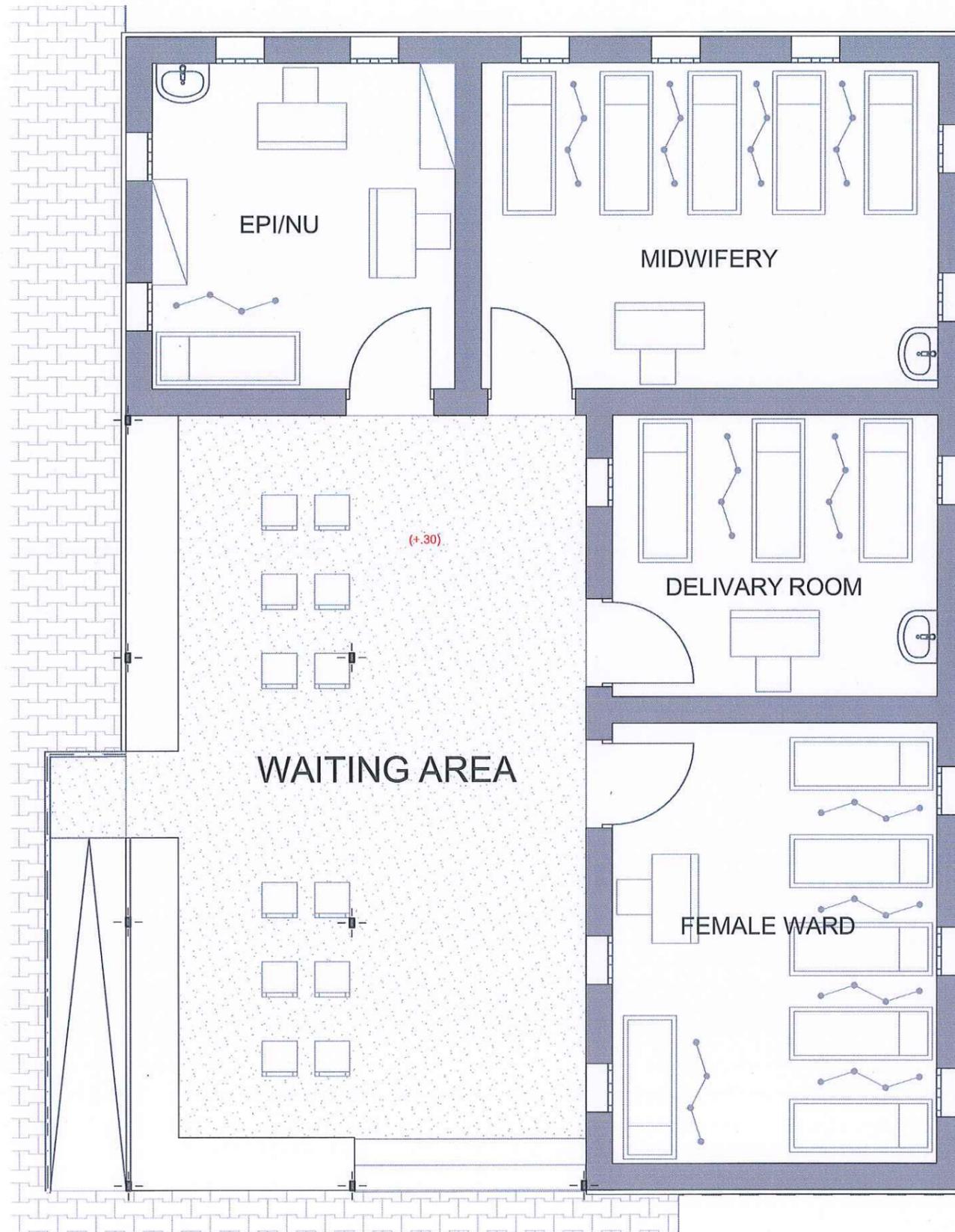
LOCATION :
Northern East Al Fasher

ARCHITECT :
ENG. IBRAHIM MOHAMMED IBRAHIM
STRUCTURAL ENGINEER :

ENG. Designer
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :
Door and Windows Details.

DATE : January 2022
INDEX : B_10
SCALE : As indicated



LEGEND

Description
Screed cement finishing for ramp
INTERLOCK

DATE:
JANUARY 2022

PROPERTY OF:
Italian Agency for Development Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME:
PHC OF AL SALAM - NUTRITION PROGRAM (ALF05)

LOCATION:
NORTHERN EAST AL FASHER

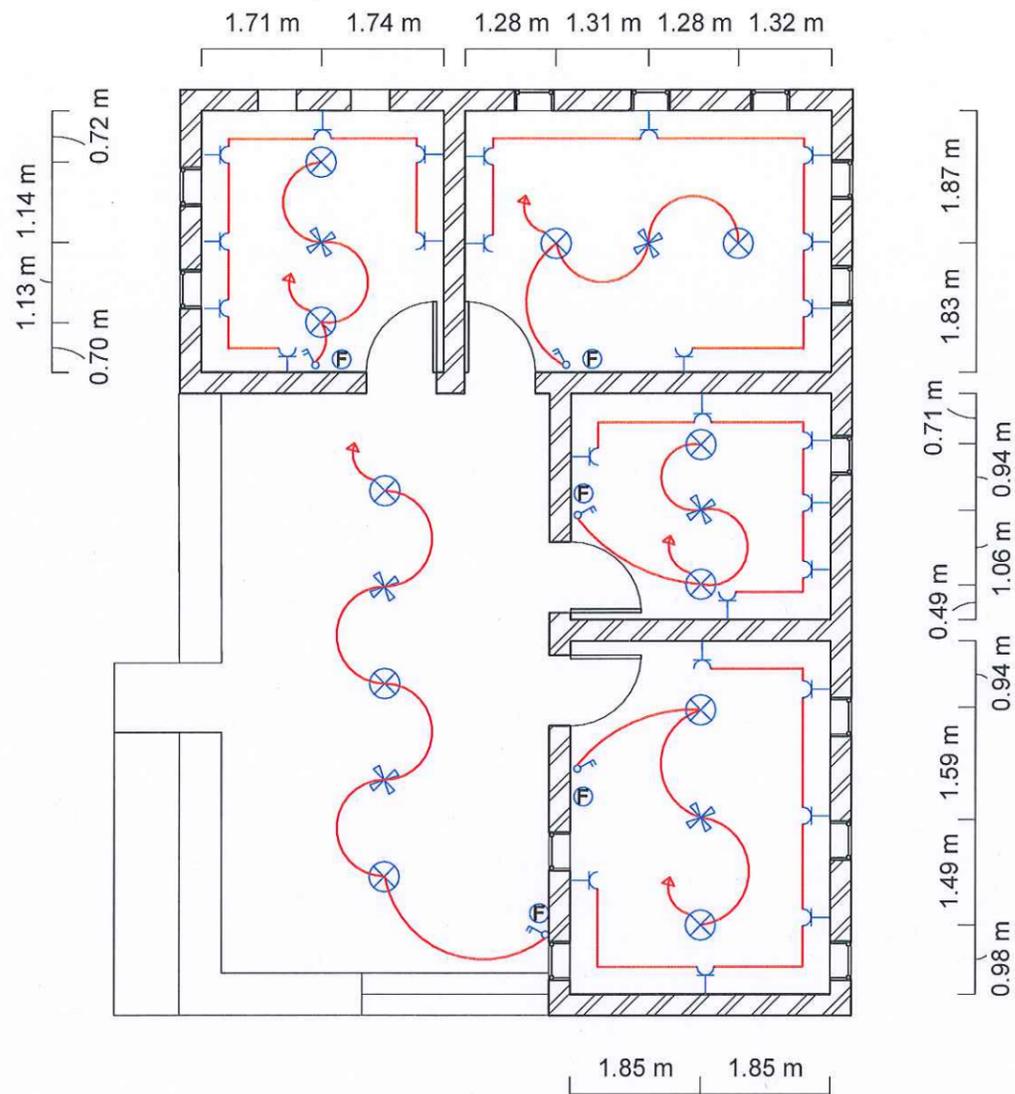
ARCHITECT:
ENG.Rabab Azhari Fadle Elseed

STRUCTURAL ENGINEER:
ENG.Designer IBRAHEM MOHAMED

CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
GROUND FLOOR PLAN furniture

INDEX: B-11	SCALE: 1:40	
-----------------------	-----------------------	--



DESCRIPTION		DESCRIPTION	
	SINGLE LIGHT SWITCH		AC SWITCH 45 AMP
	DOUBLE LIGHT SWITCH		FAN SWITCH
	TRIPLE LIGHT SWITCH		CEILING LAMP
	SOCKET OUTLET POINT		CEILING FAN



1 **BLOCK B**
1 : 100



AICS-Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

AL-Amarat Mohamed Najeeb Street, Khartoum

TEL: +249925451234
+249115418666

EMAIL: DQTC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:

T05-EUF-HOA-SD-73-01

PROJECT TITLE:

PHC of Al Salam - Nutrition Program

LOCATION:

Northern East Al Fasher

ELECTRICAL ENGINEER:

ENG. MOHAMMED SALAH ALAMIR

CHECKED BY:

ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:

BLOCK B ELECTRICAL LAYOUT

DATE: JANUARY 2022

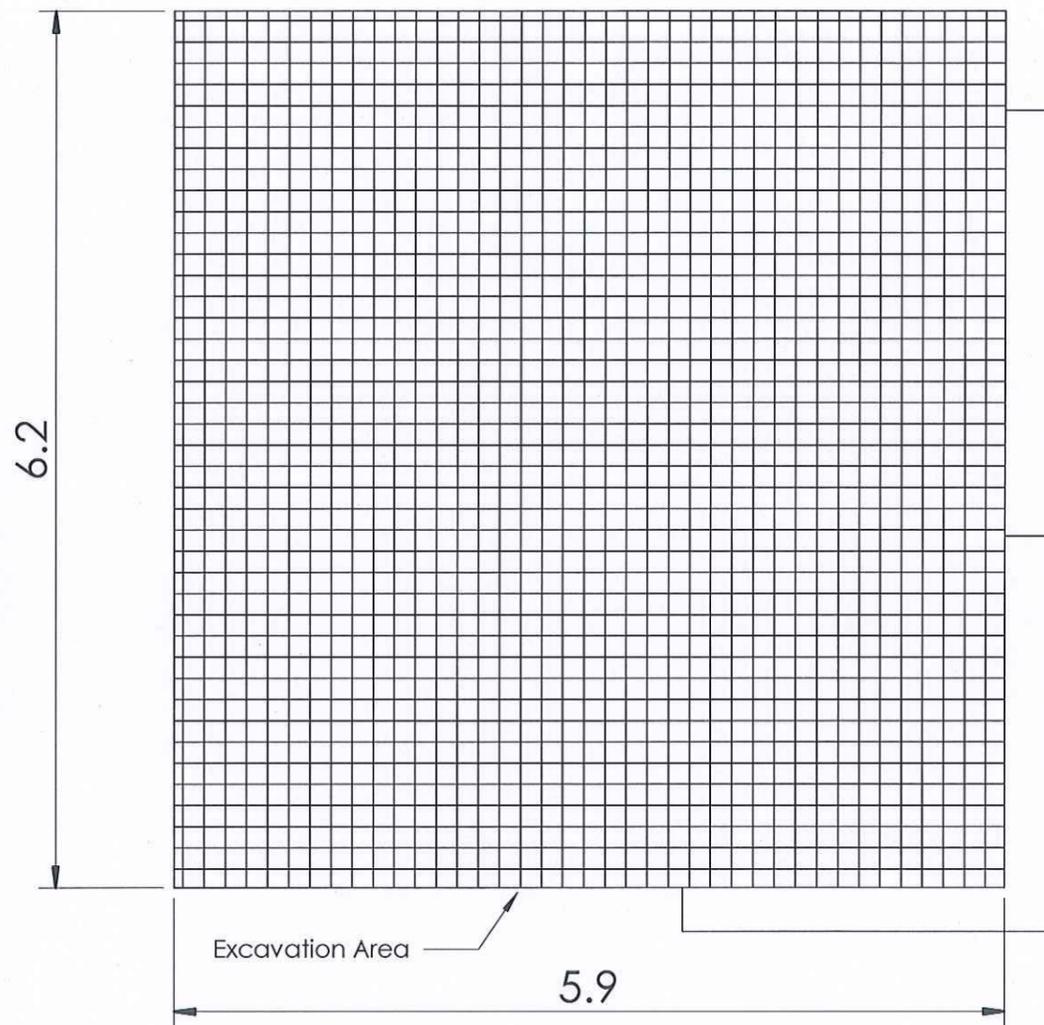
INDEX:

B_12

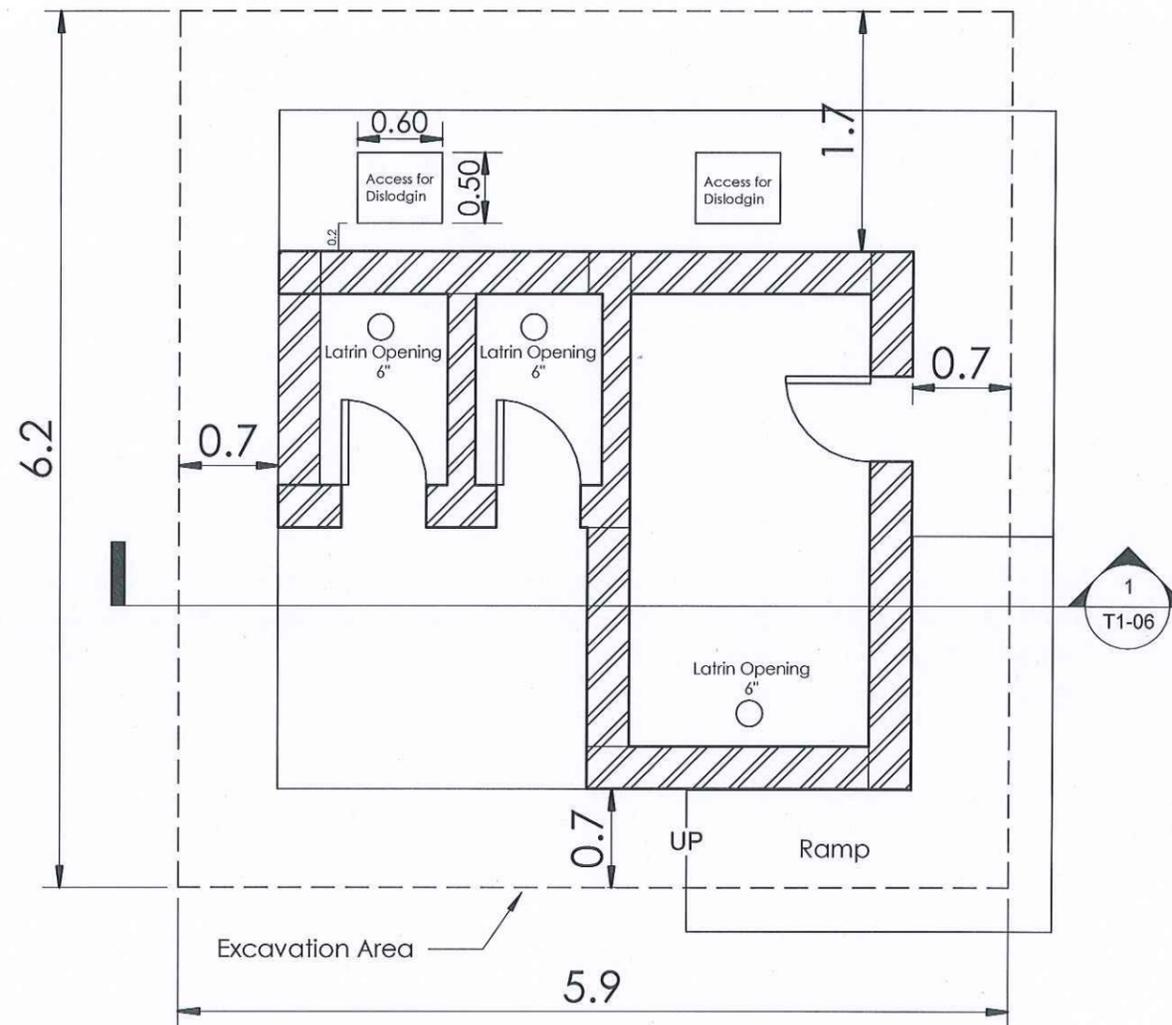
SCALE:

1 : 100





2 Excavation Area T1
1 : 50



1 W.C Well T1
1 : 50



AICS-Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

AL-Amarat Mohamed Najeeb Street, Khartoum
TEL: +249925451234
+249115418666
EMAIL: DQTC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:
T05-EUTF-HOA-SD-73-01

PROJECT TITLE:
PHC of Al Salam - Nutrition program (ALF05)

LOCATION:
Northern East Al Fasher

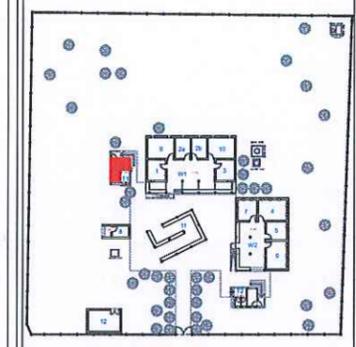
STRUCTURAL ENGINEER:
ENG. IBRAHIM MOHAMMED IBRAHIM
CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
Latrine Under Ground - Excavation Plan

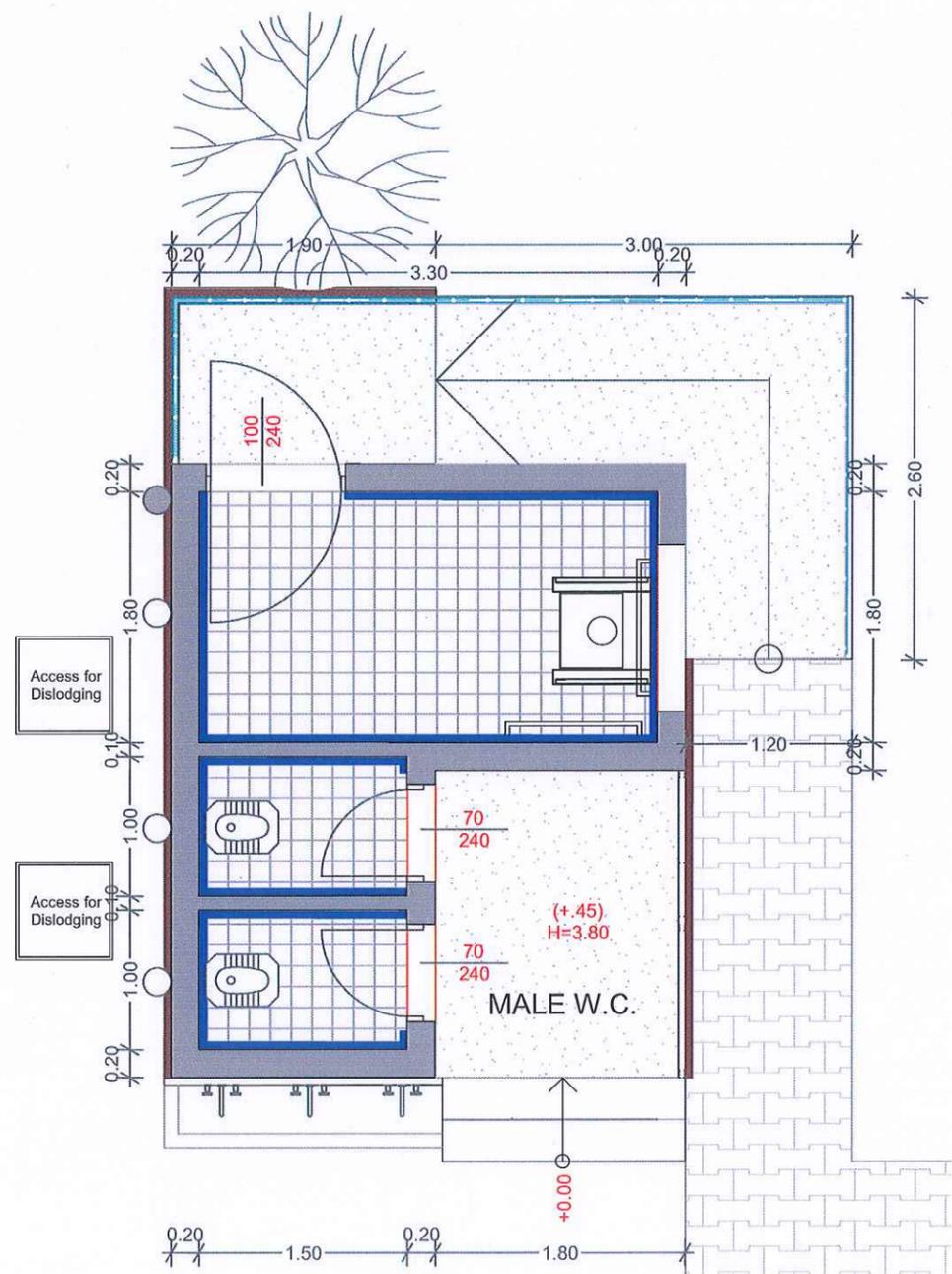
DATE: January 2022

INDEX:	SCALE:
T1-01	1 : 50





- 150 mm pvc ventilation pipe
- 150 mm rain water drainage pipe



LEGEND

Description	Description
	Screed cement finishing for ramp
	Curbstone h=30cm
	WALL TILE 15 x 15 cm
	FLOOR TILE 30 x 30 cm
	INTERLOCK
	HANDRAIL

DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

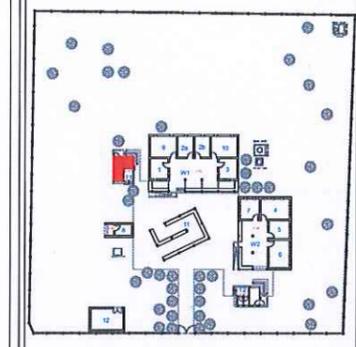
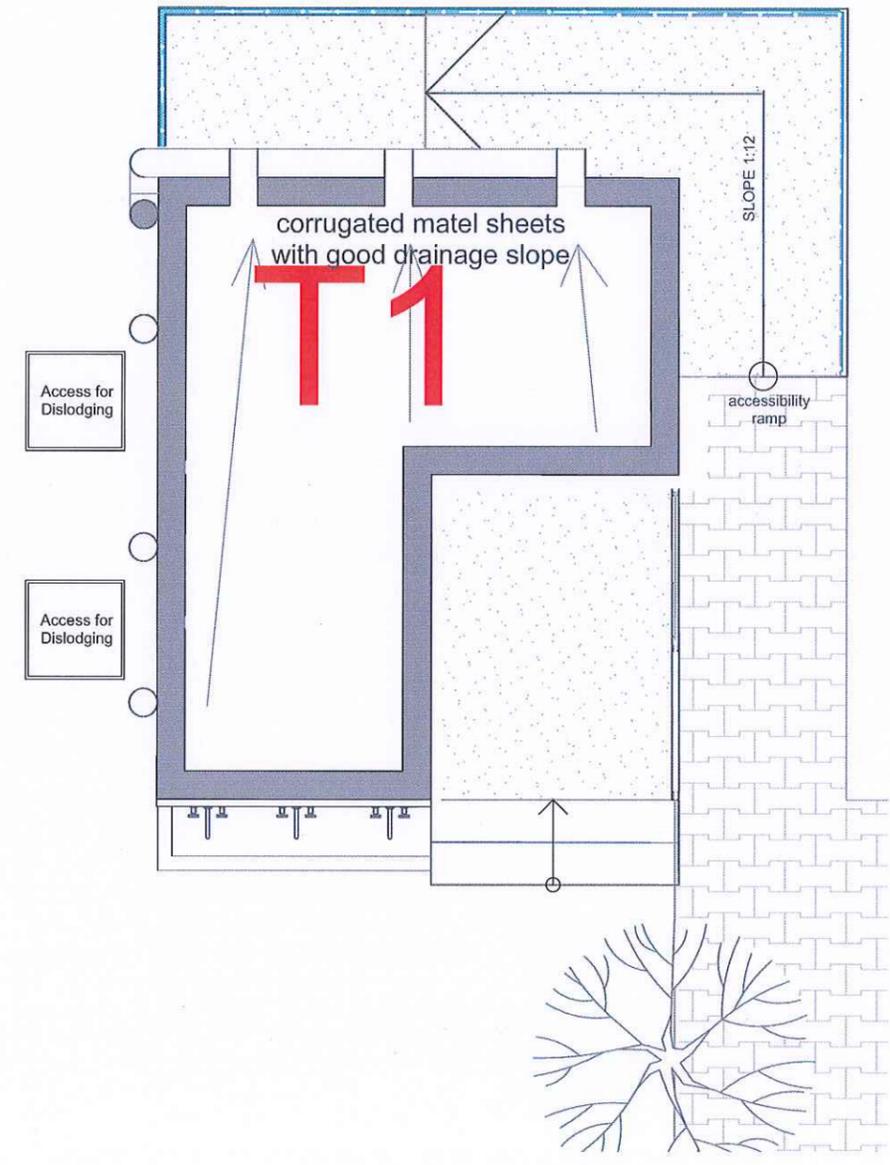
LOCATION :
NORTHERN EAST AL FASHER

ARCHITECT :
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :
GROUND FLOOR PLAN

INDEX : T1-02	SCALE : 1:50	
------------------	-----------------	---

- 150 mm pvc ventilation pipe
- 150 mm rain water drainage pipe



LEGEND

	Description
	Screed cement finishing for ramp
	FLOOR TILE 30 x 30 cm
	INTERLOCK
	HANDRAIL

DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

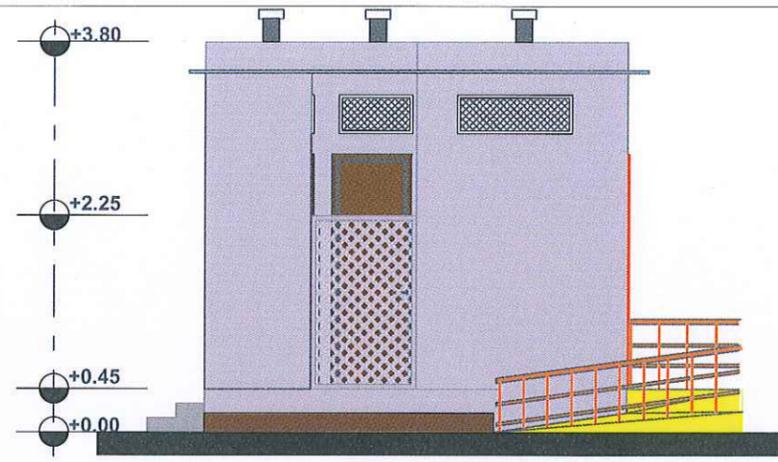
LOCATION :
NORTHERN EAST AL FASHER

ARCHITECT :
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

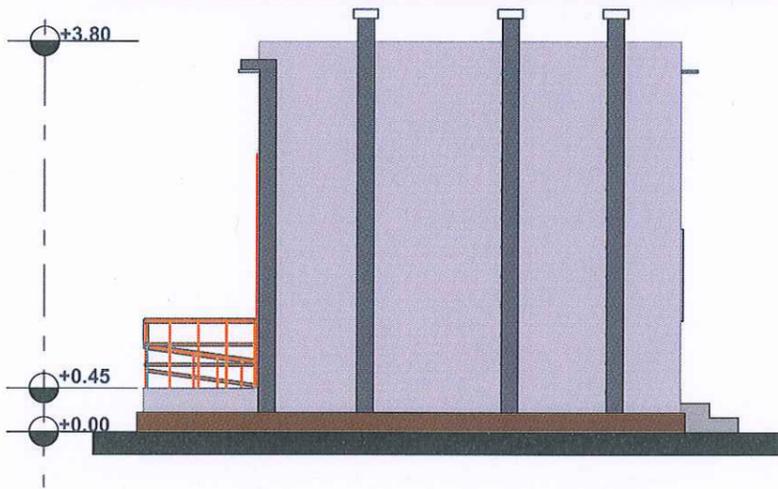
DRAWING TITLE :
ROOF PLAN

INDEX : T1-03	SCALE : 1:50	
------------------	-----------------	---

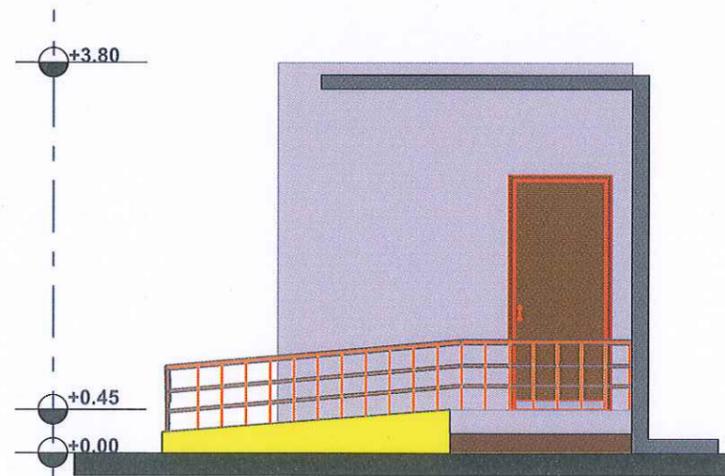
EAST ELEVATION



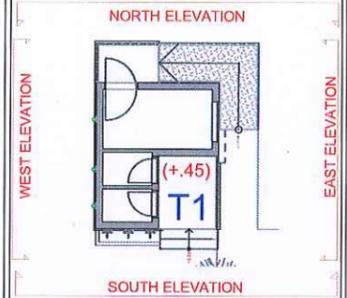
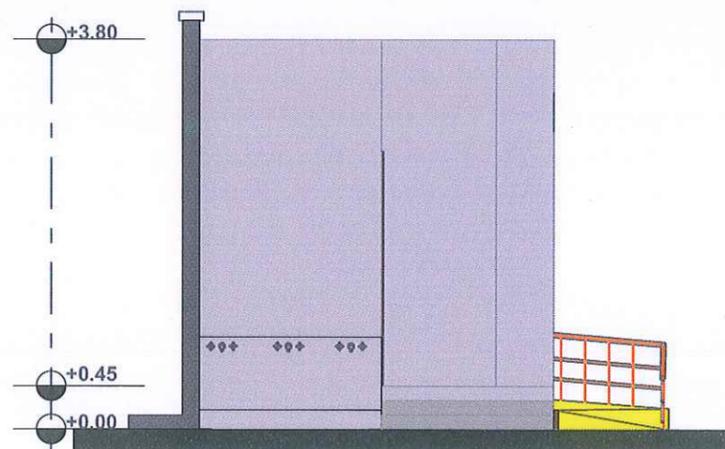
WEST ELEVATION



NORTH ELEVATION



SOUTH ELEVATION



LEGEND

	Description
	h=30cm
	External painting
	New ramp
	New handrail
	mosquito net

DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

LOCATION :
NORTHERN EAST AL FASHER

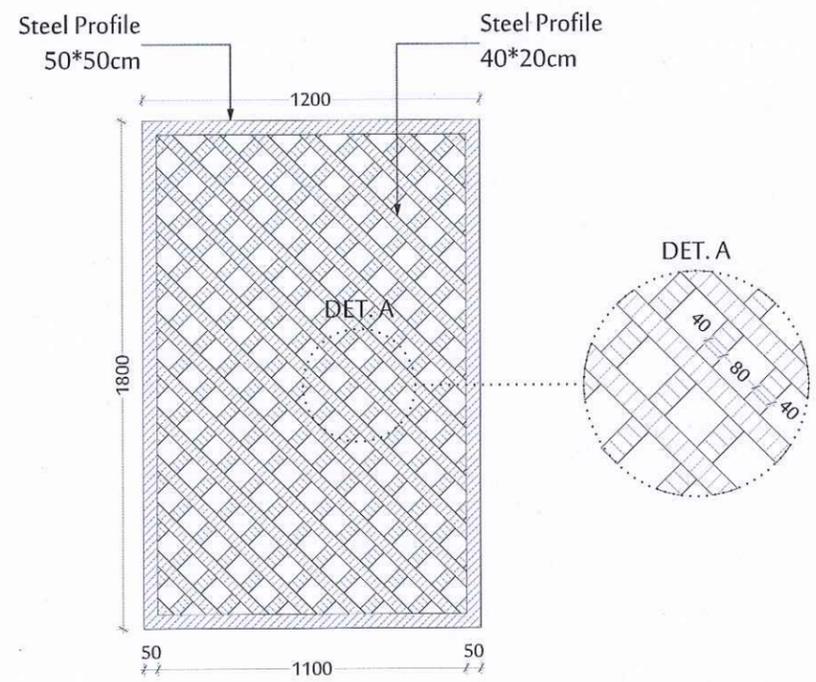
ARCHITECT :
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :
ELEVATIONS

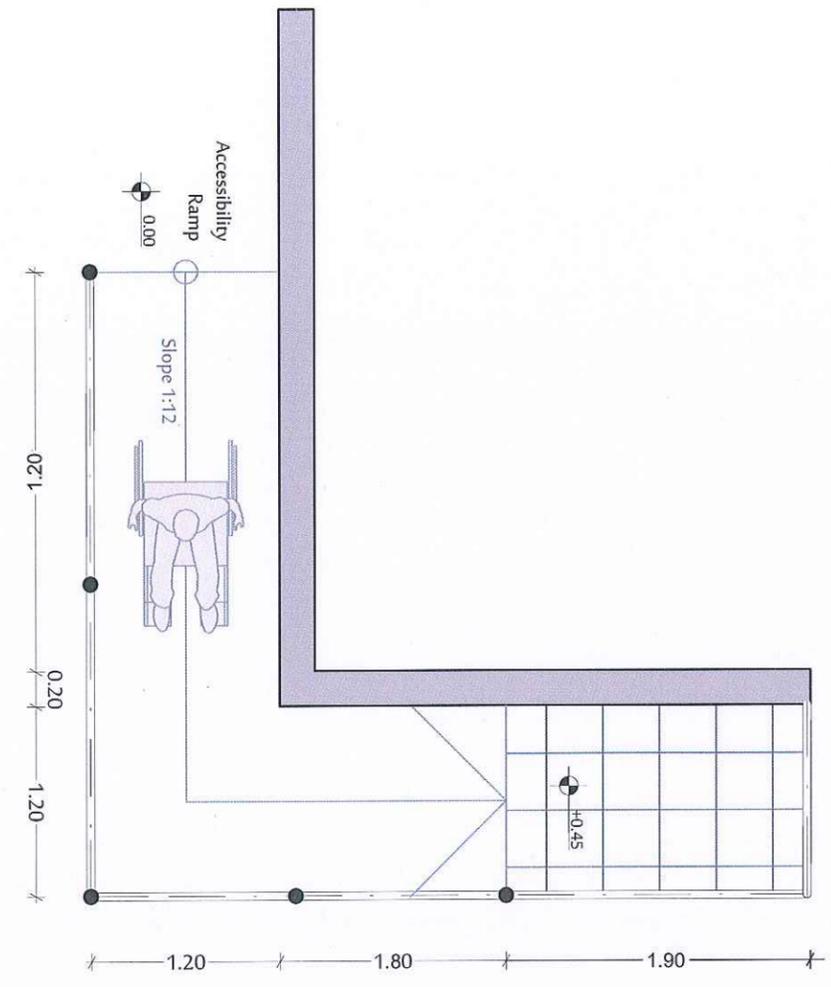
INDEX :
T1-04

SCALE :
1:70

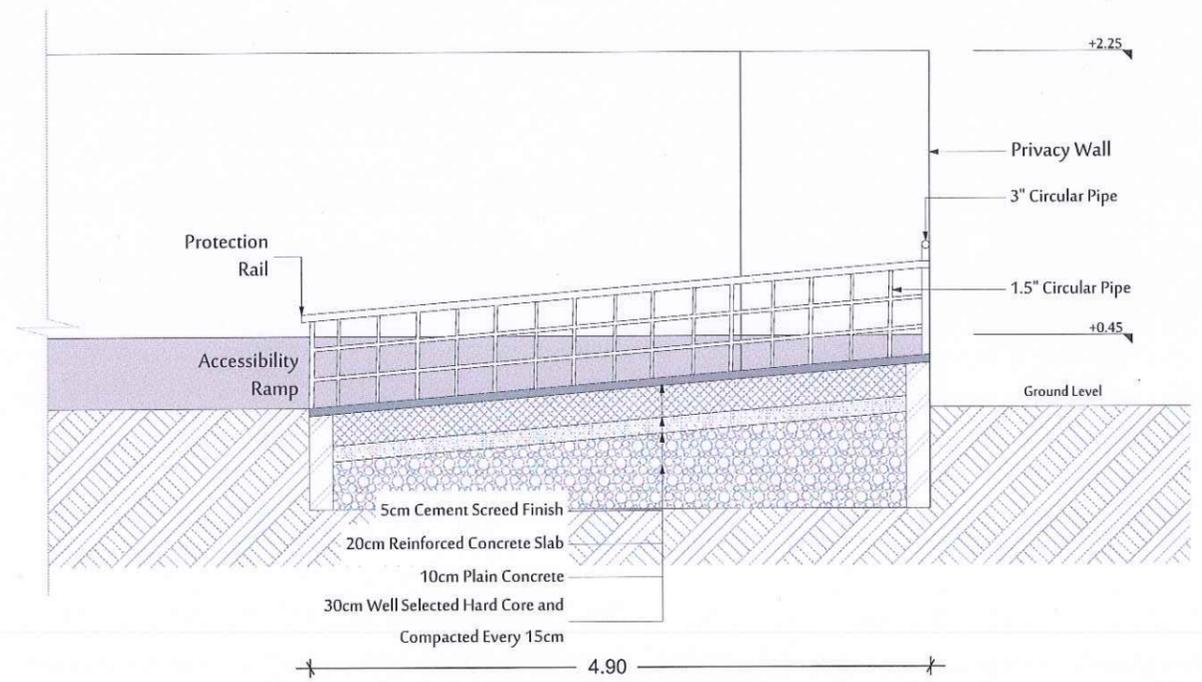




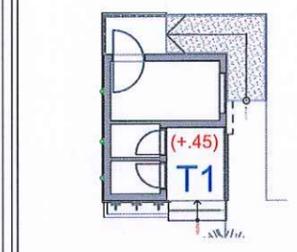
MASHRABEYA DETAIL



RAMP PLAN



RAMP SECTION



DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

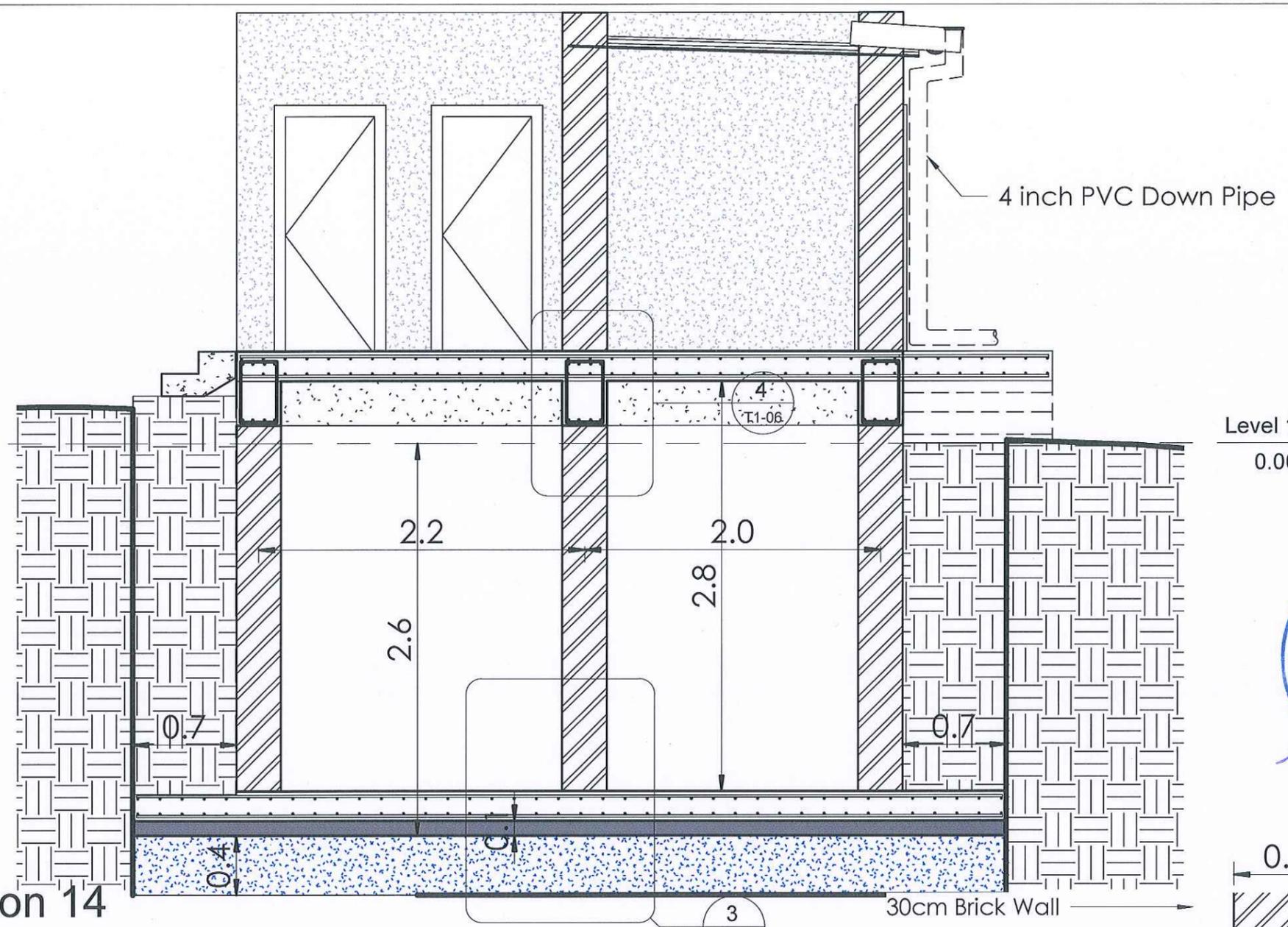
LOCATION :
NORTHERN EAST AL FASHER

ARCHITECT :
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

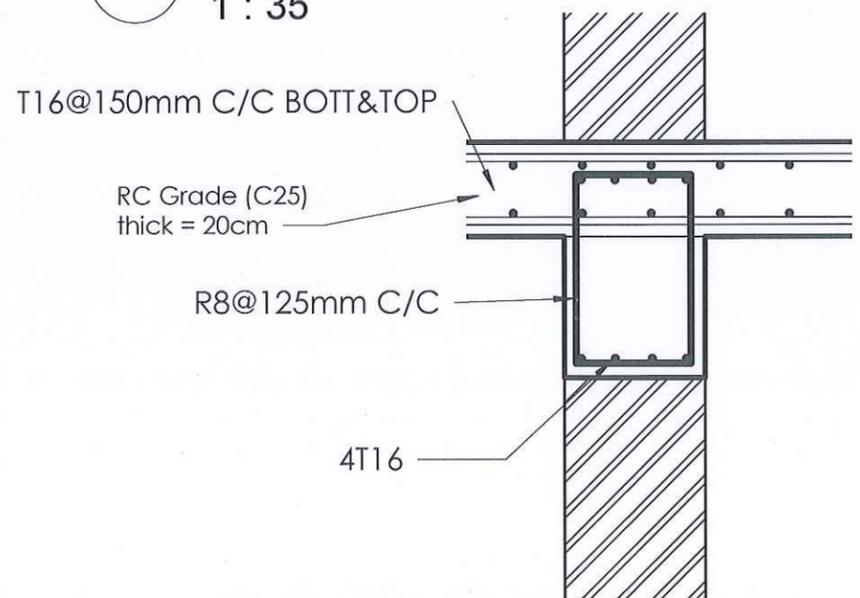
DRAWING TITLE :
DETAILS

INDEX :
T1-05

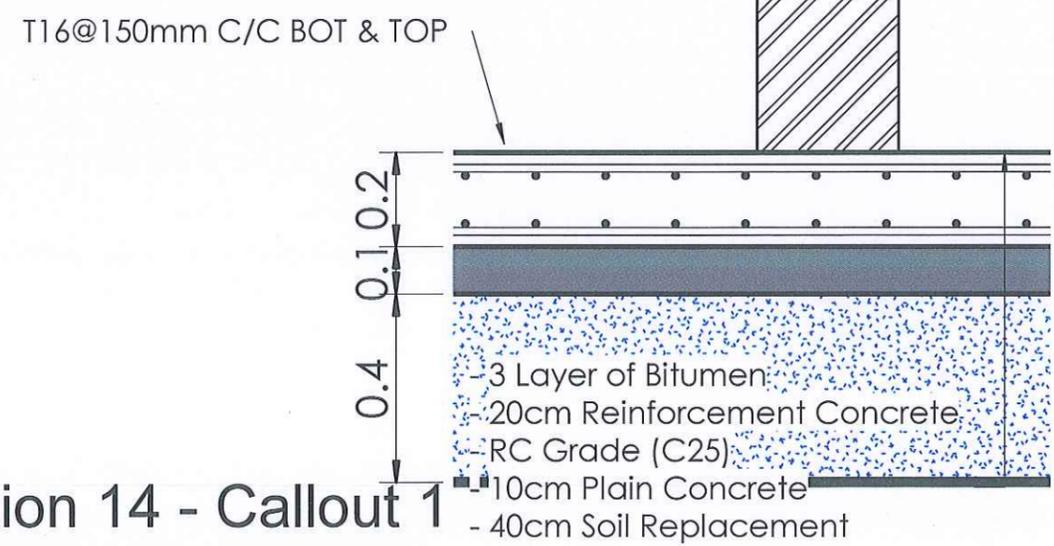
SCALE :
1:100



1 Section 14
1 : 35



4 Section 14 - Callout 2
1 : 15



3 Section 14 - Callout 1
1 : 15

PROGRAM TITLE:
T05-EUTF-HOA-SD-73-01

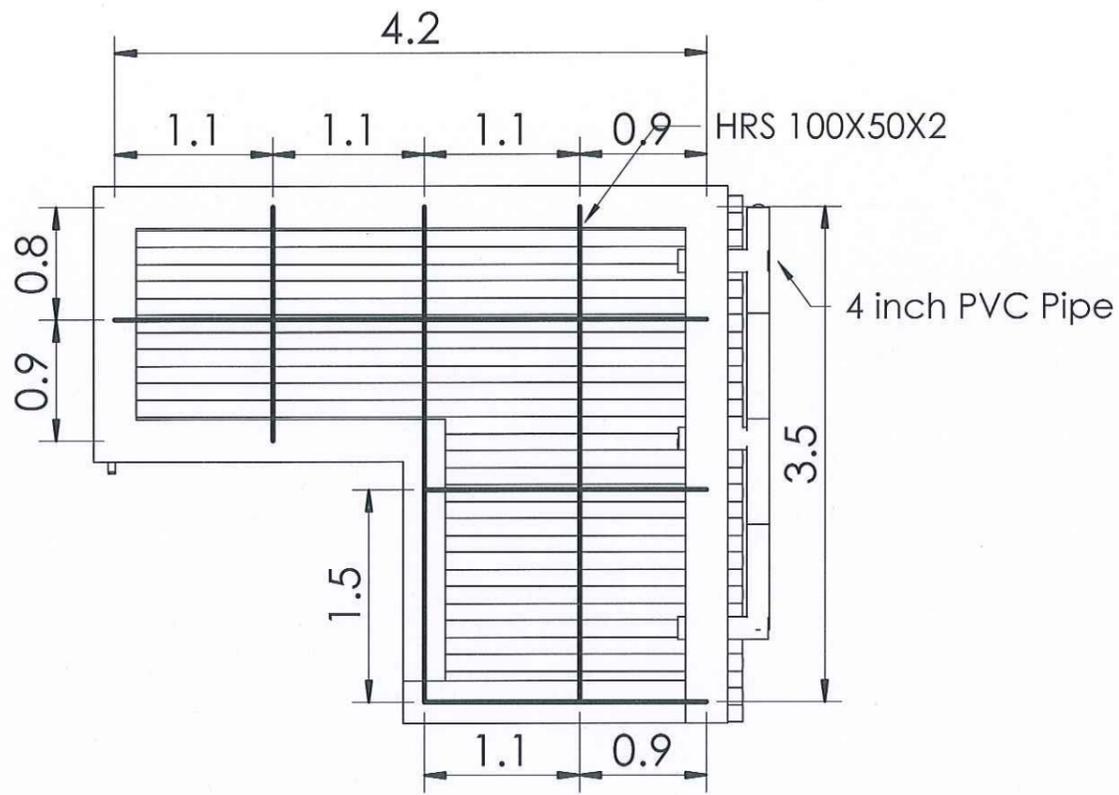
PROJECT TITLE:
PHC of Al Salam - Nutrition
program (ALF05)

LOCATION:
Northern East Al Fasher

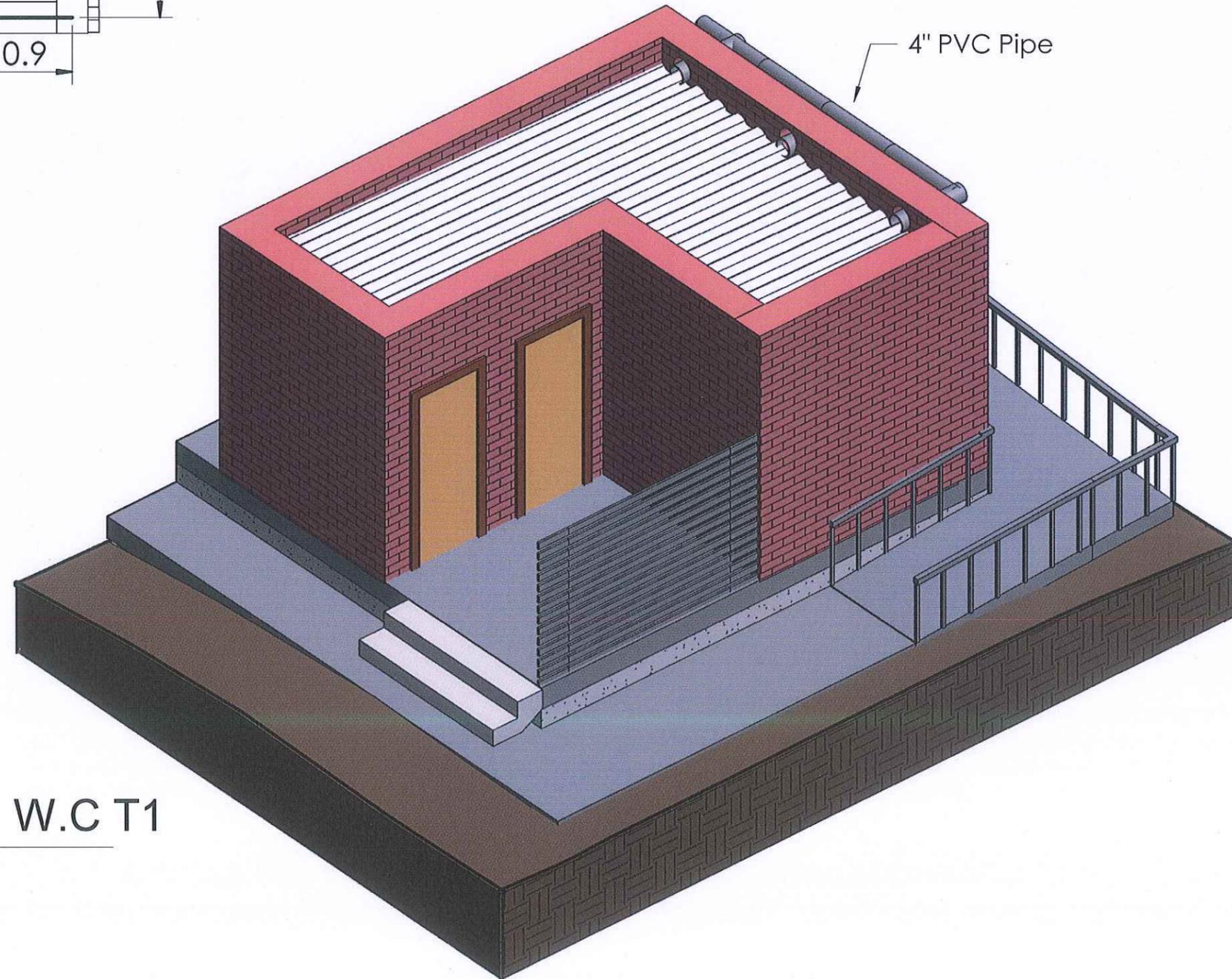
STRUCTURAL ENGINEER:
ENG. IBRAHIM MOHAMMED IBRAHIM
CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
Well Details

DATE: January 2022
INDEX: T1-06
SCALE: As



1 W.C Roof T1
1 : 50



4 W.C T1



AICS-Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

AL-Amarat Mohamed Najeeb Street, Khartoum

TEL: +249925451234
+249115418666

EMAIL: DQTC.ENGINEERING@GMAIL.COM



PROGRAM TITLE:
T05-EUTF-HOA-SD-73-01

PROJECT TITLE:
PHC of Al Salam - Nutrition program (ALF05)

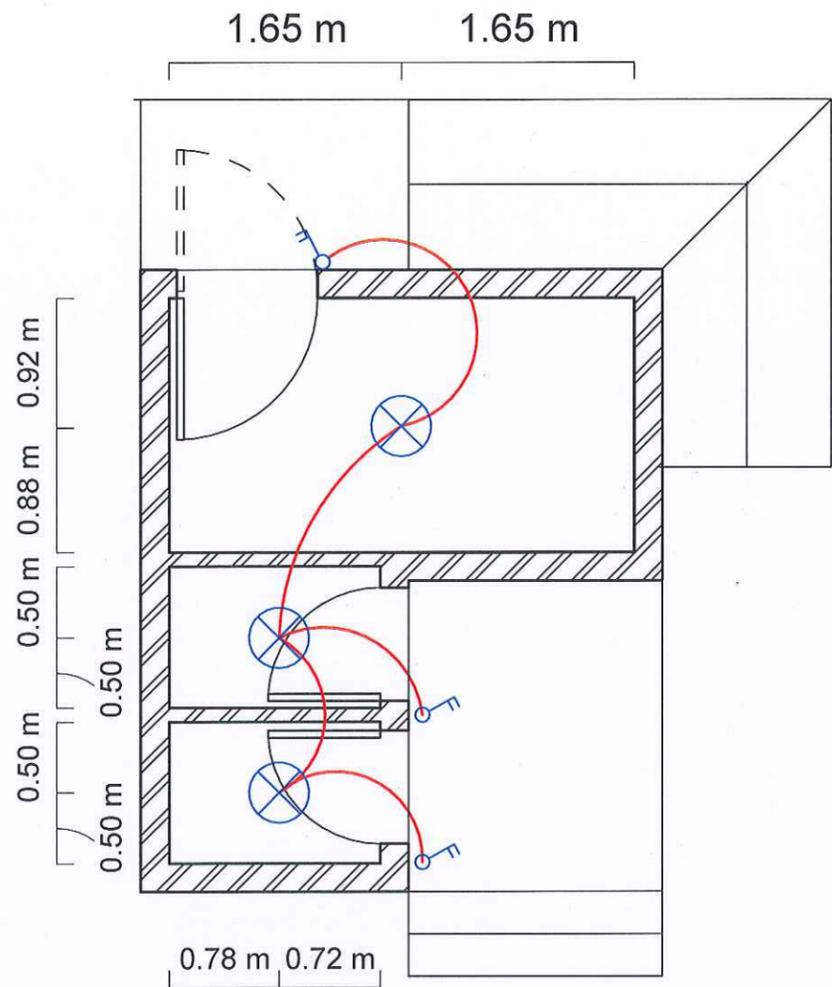
LOCATION:
Northern East Al Fasher

STRUCTURAL ENGINEER:
ENG. IBRAHIM MOHAMMED IBRAHIM
CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
W.C Roof System

DATE: January 2022

INDEX: T1-07	SCALE: 1 : 50	
-----------------	------------------	--



1 FEMALE W.C
1 : 50



DESCRIPTION	
	SINGLE LIGHT SWITCH
	DOUBLE LIGHT SWITCH
	TRIPLE LIGHT SWITCH
	CEILING LAMP



PROGRAM TITLE:
T05-EUF-HOA-SD-73-01

PROJECT TITLE:
PHC of Al Salam - Nutrition Program

LOCATION:
Northern East Al Fasher

ELECTRICAL ENGINEER:
ENG. MOHAMMED SALAH ALAMIR

CHECKED BY:
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:
BLOCK T1 ELECTRICAL LAYOUT

DATE: JANUARY 2022

INDEX:	SCALE:	
T1_08	1 : 50	



PROGRAM TITLE:
 T05-EUTF-HOA-SD-73-01

PROJECT TITLE:
 PHC of Al Salam - Nutrition program (ALF05)

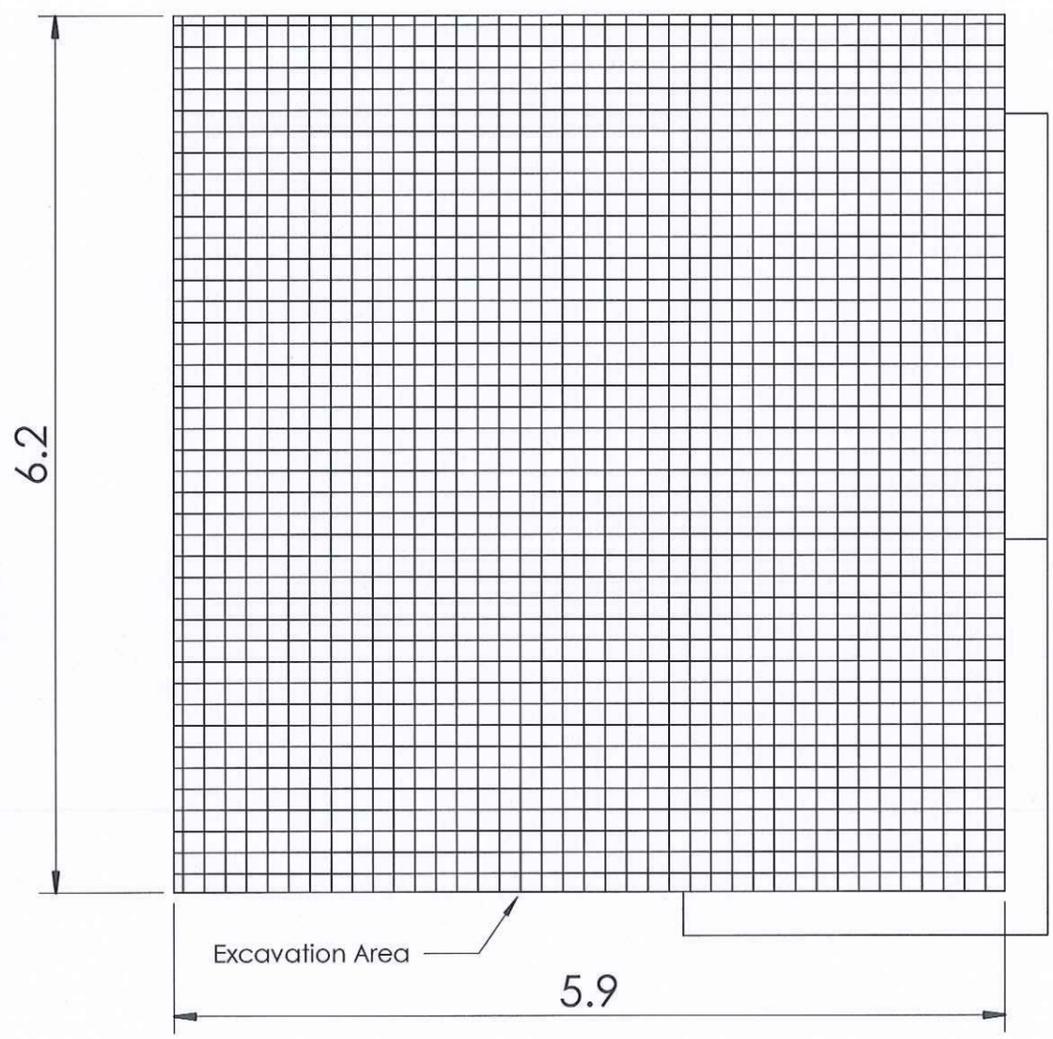
LOCATION:
 Northern East Al Fasher

STRUCTURAL ENGINEER:
 ENG. IBRAHIM MOHAMMED IBRAHIM
 CHECKED BY:
 ENG. AMRAN MOHAMMED OTHMAN

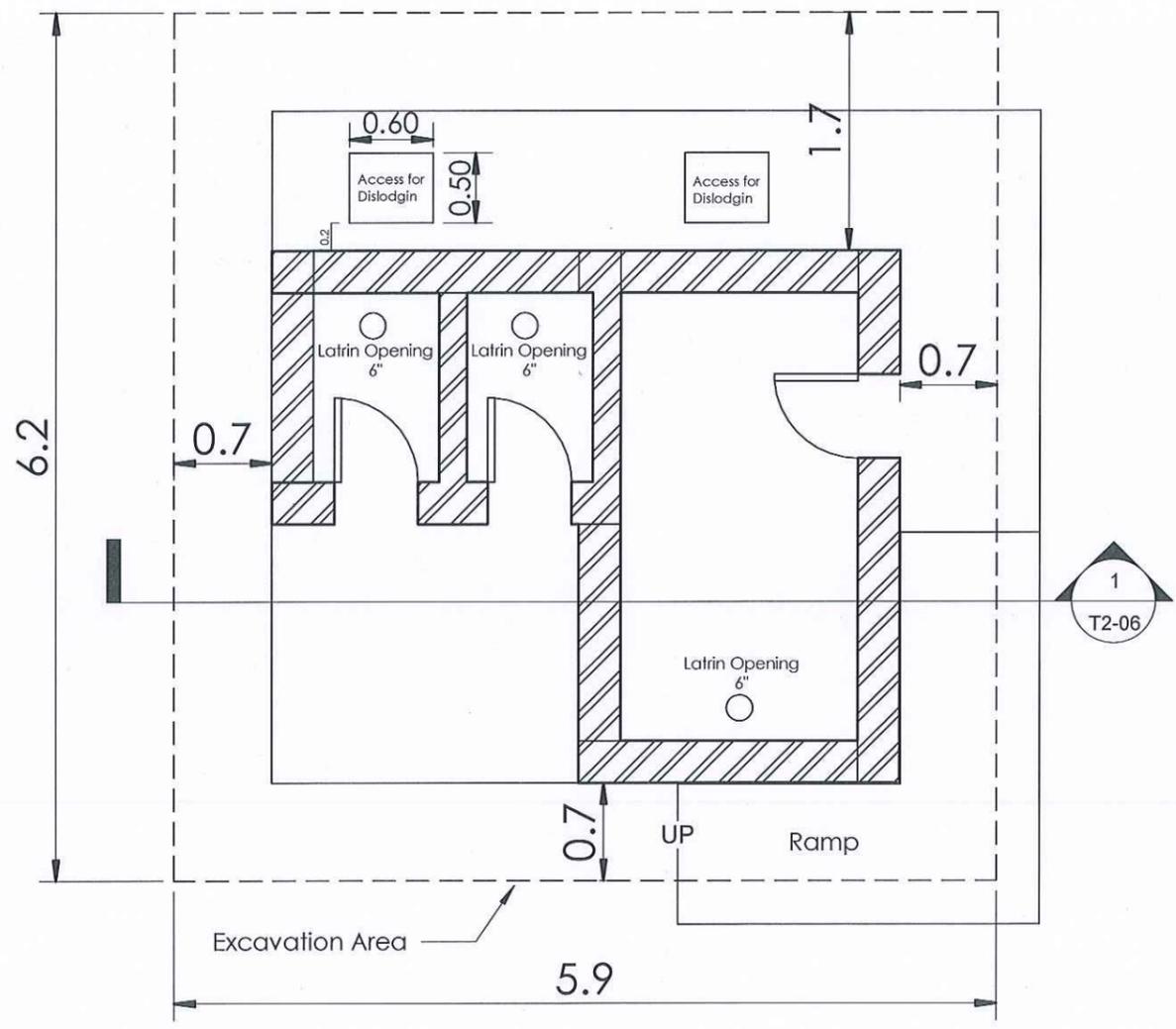
DRAWING TITLE:
 Latrine Under Ground - Excavation Plan

DATE: January 2022

INDEX: T2-01 SCALE: 1:50



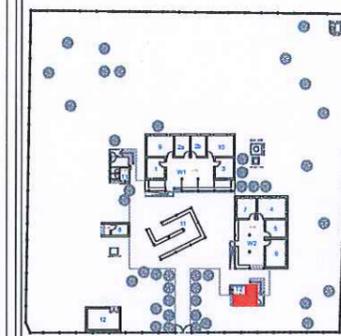
2 Excavation Area T2
 1:50



1 W.C Well T2
 1:50

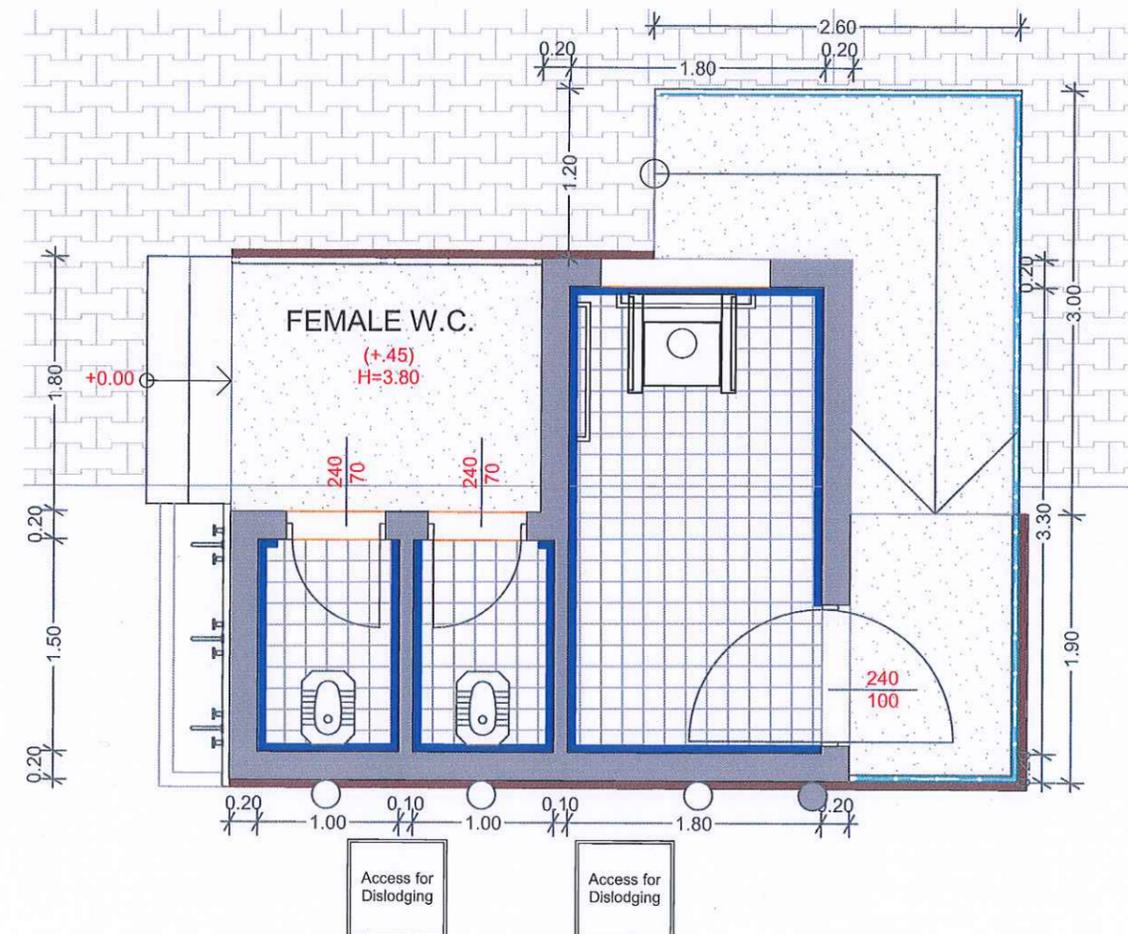


- 150 mm pvc ventilation pipe
- 150 mm rain water drainage pipe



LEGEND

	Description
	Screed cement finishing for ramp
	Curbstone h=30cm
	WALL TILE 15 x 15 cm
	FLOOR TILE 30 x 30 cm
	INTERLOCK
	HANDRAIL



DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

LOCATION :
NORTHERN EAST AL FASHER

ARCHITECT :
ENG.Rabab Azhari Fadle Elseed

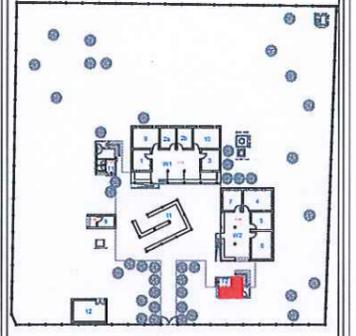
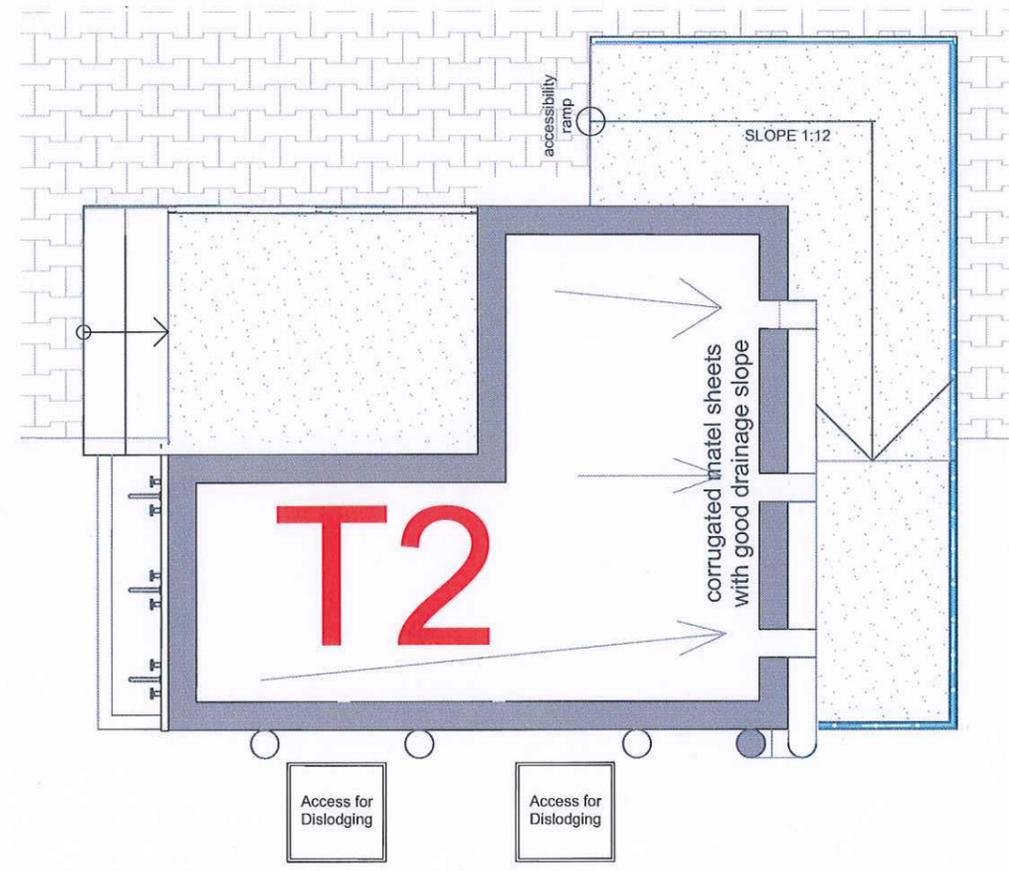
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED

CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :
GROUND FLOOR PLAN

INDEX : T2-02	SCALE : 1:50	
------------------	-----------------	--

- 150 mm pvc ventilation pipe
- 150 mm rain water drainage pipe



LEGEND

	Description
	Screened cement finishing for ramp
	FLOOR TILE 30 x 30 cm
	INTERLOCK
	HANDRAIL

DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

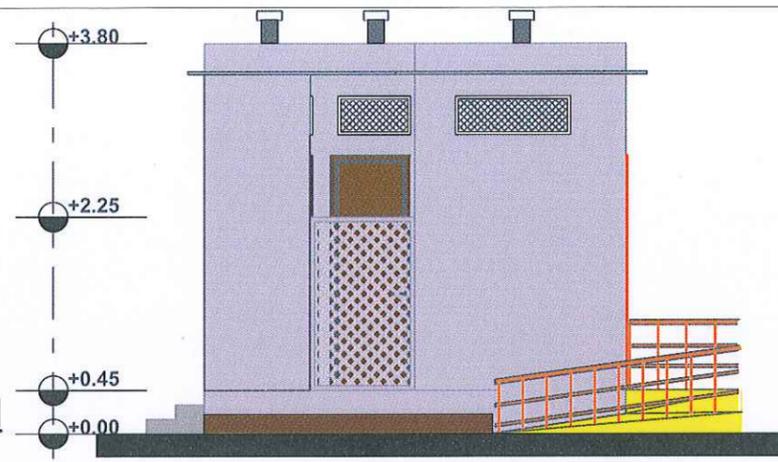
LOCATION :
NORTHERN EAST AL FASHER

ARCHITECT :
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

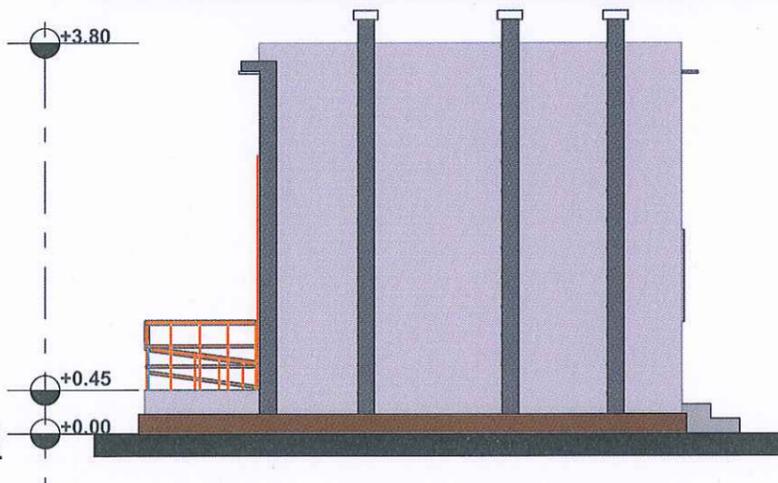
DRAWING TITLE :
ROOF PLAN

INDEX : T2-03	SCALE : 1:50	
-------------------------	------------------------	--

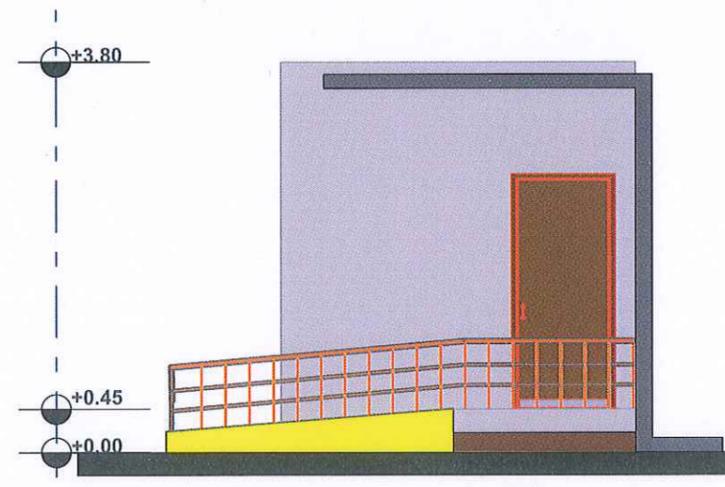
NORTH ELEVATION



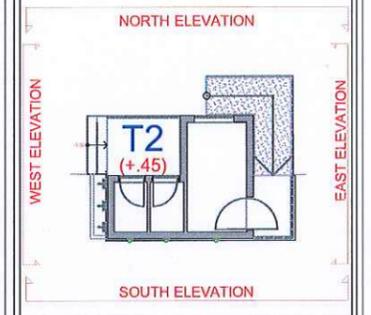
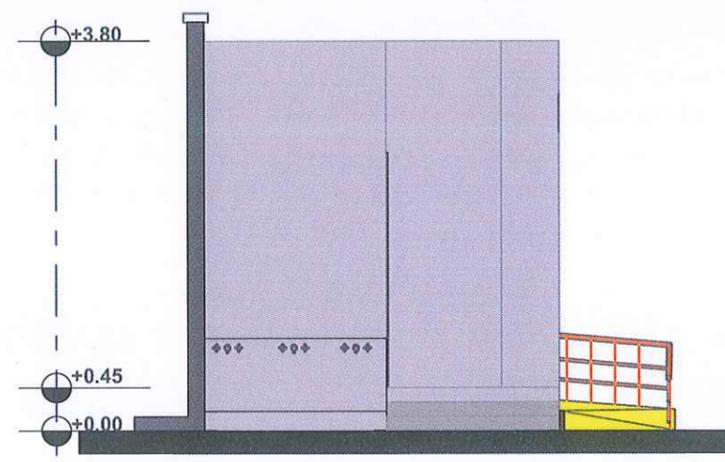
SOUTH ELEVATION



EAST ELEVATION



WEST ELEVATION



LEGEND

	Description
	h=30cm
	External painting
	New ramp
	New handrail
	mosquito net

DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

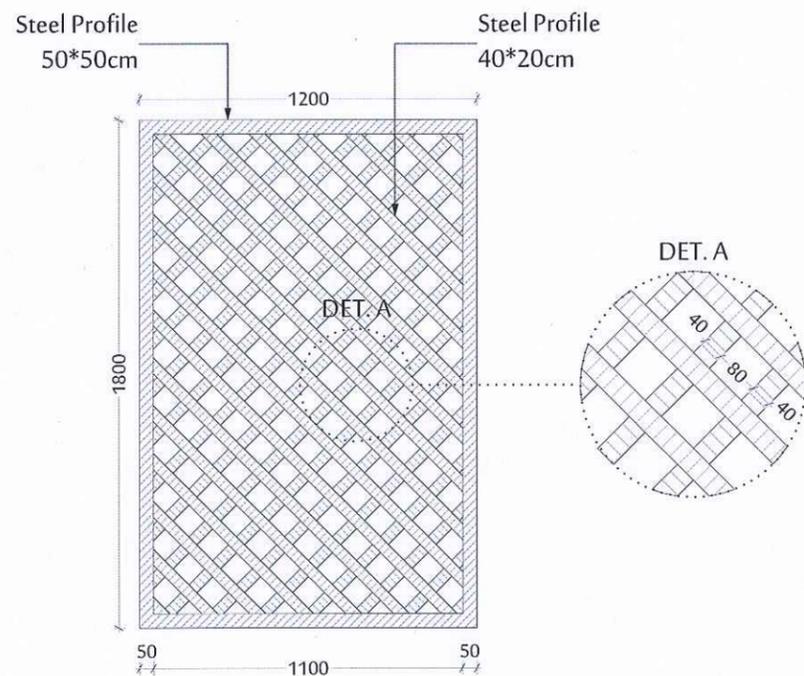
LOCATION :
NORTHERN EAST AL FASHER

ARCHITECT :
ENG.Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG.Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

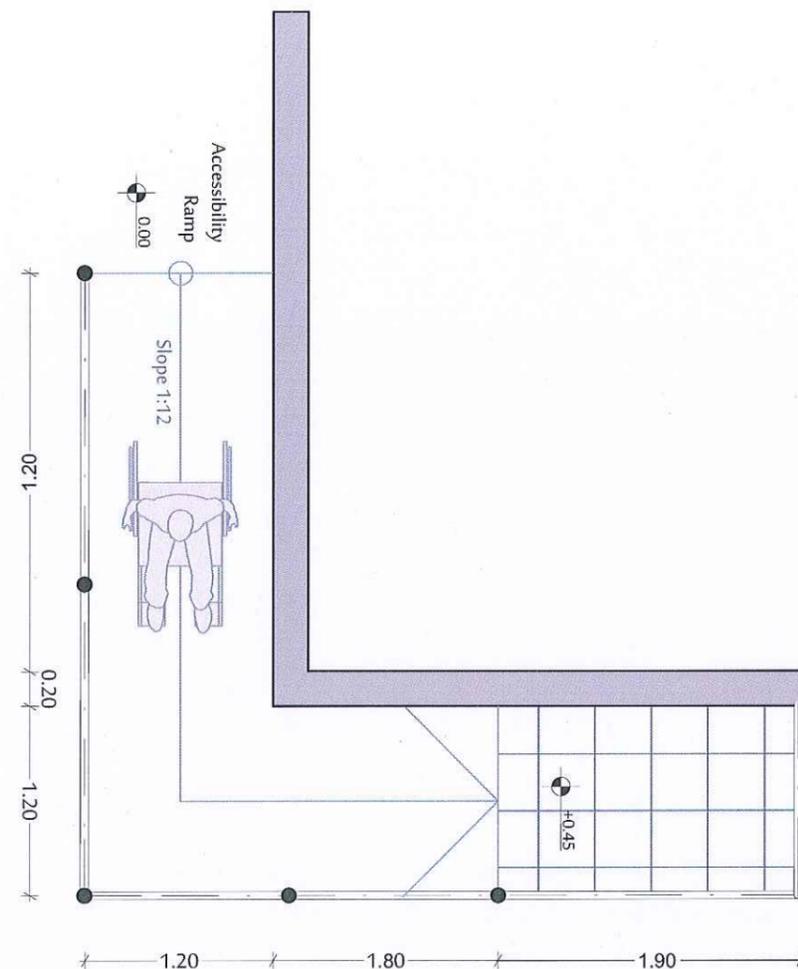
DRAWING TITLE :
ELEVATIONS

INDEX : T2-04 SCALE : 1:70

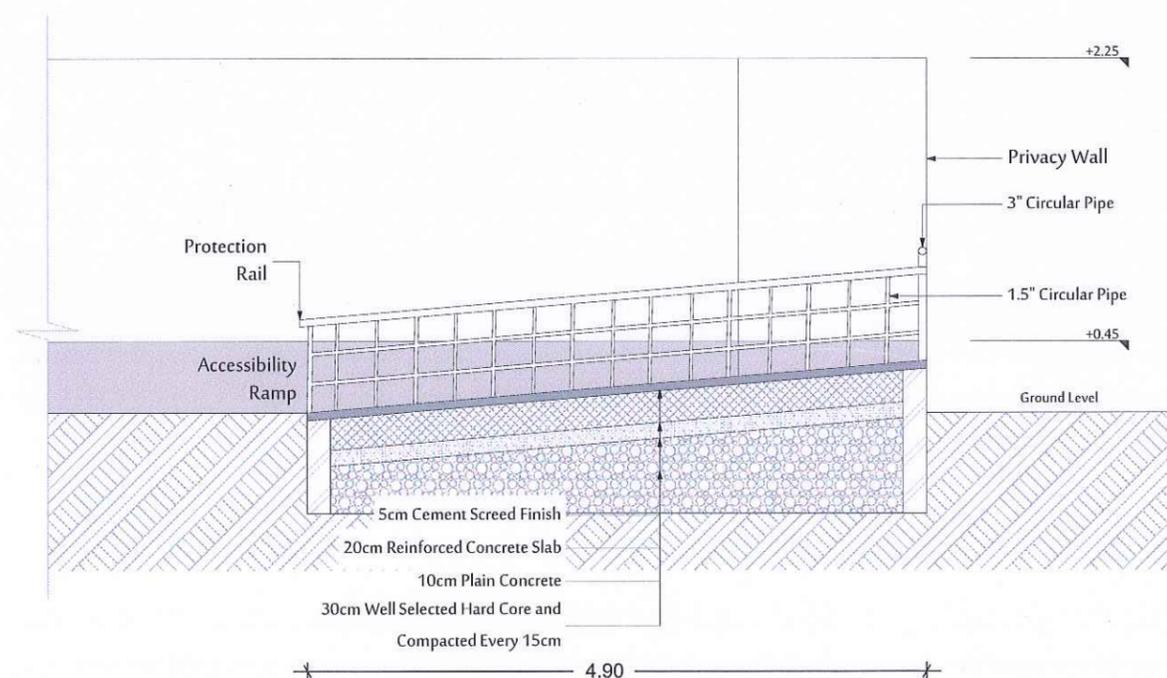




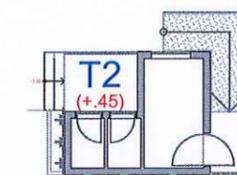
MASHRABEYA DETAIL



RAMP PLAN



RAMP SECTION



DATE:
JANUARY 2022

PROPERTY OF :
Italian Agency for Development
Cooperation -T05-EUTF-HOA-SDN-73-01

PROJECT NAME :
PHC OF AL SALAM - NUTRITION
PROGRAM (ALF05)

LOCATION :
NORTHERN EAST AL FASHER

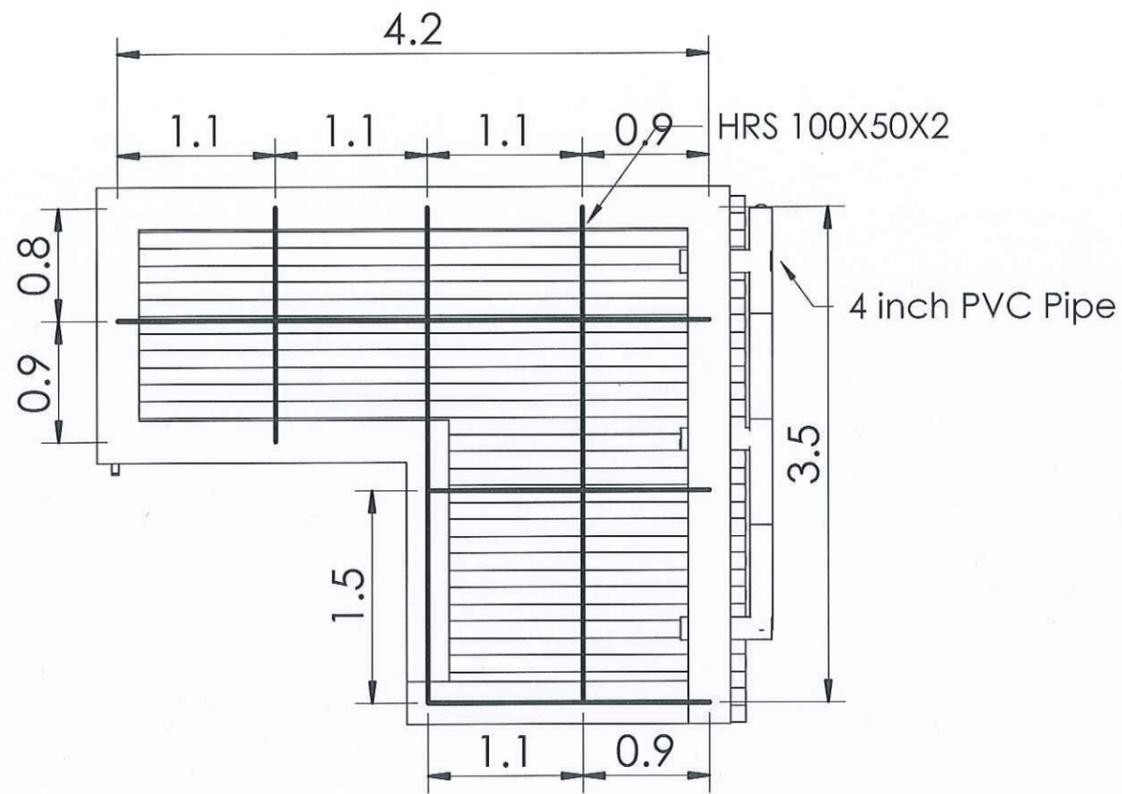
ARCHITECT :
ENG. Rabab Azhari Fadle Elseed
STRUCTURAL ENGINEER :
ENG. Designer IBRAHEM MOHAMED
CHECKED BY :
ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :
DETAILS

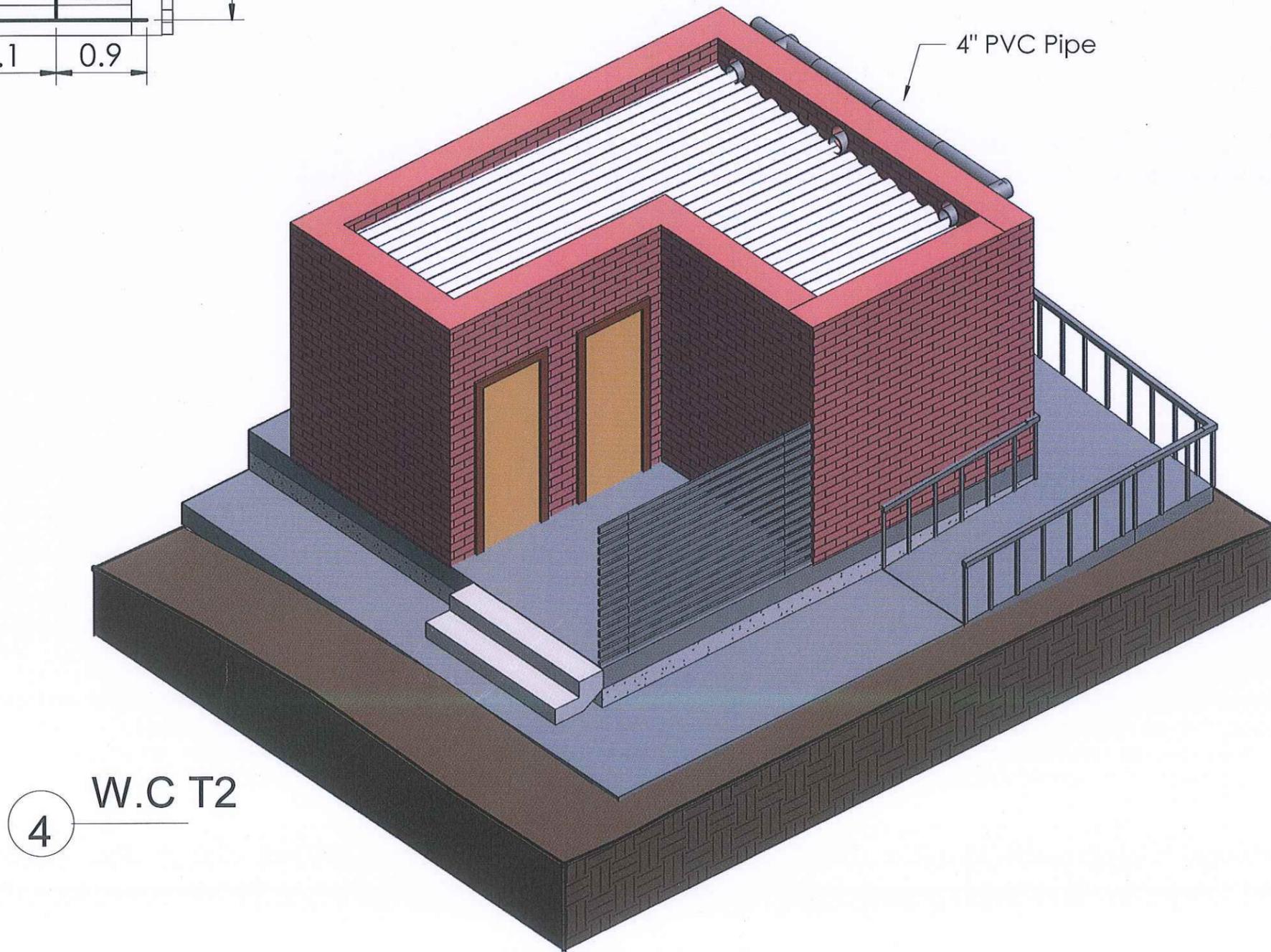
INDEX :
T2-05

SCALE :
1:100





1 W.C Roof T2
1 : 50



4 W.C T2



AICS-Italian Agency for Development Cooperation - SDN
13 Project St. no 33 Amarat, House no 25
Block 12 K-east Khartoum, SUDAN

AL-Amarat Mohamed Najeeb Street, Khartoum

TEL: +249925451234
+249115418666

EMAIL: DQTC.ENGINEERING@GMAIL.COM



DOUBLE QTC ENGINEERING

PROGRAM TITLE :

T05-EUTF-HOA-SD-73-01

PROJECT TITLE :

PHC of Al Salam - Nutrition program (ALF05)

LOCATION :

Northern East Al Fasher

STRUCTURAL ENGINEER :

ENG. IBRAHIM MOHAMMED IBRAHIM

CHECKED BY :

ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE :

W.C Roof System

DATE: January 2022

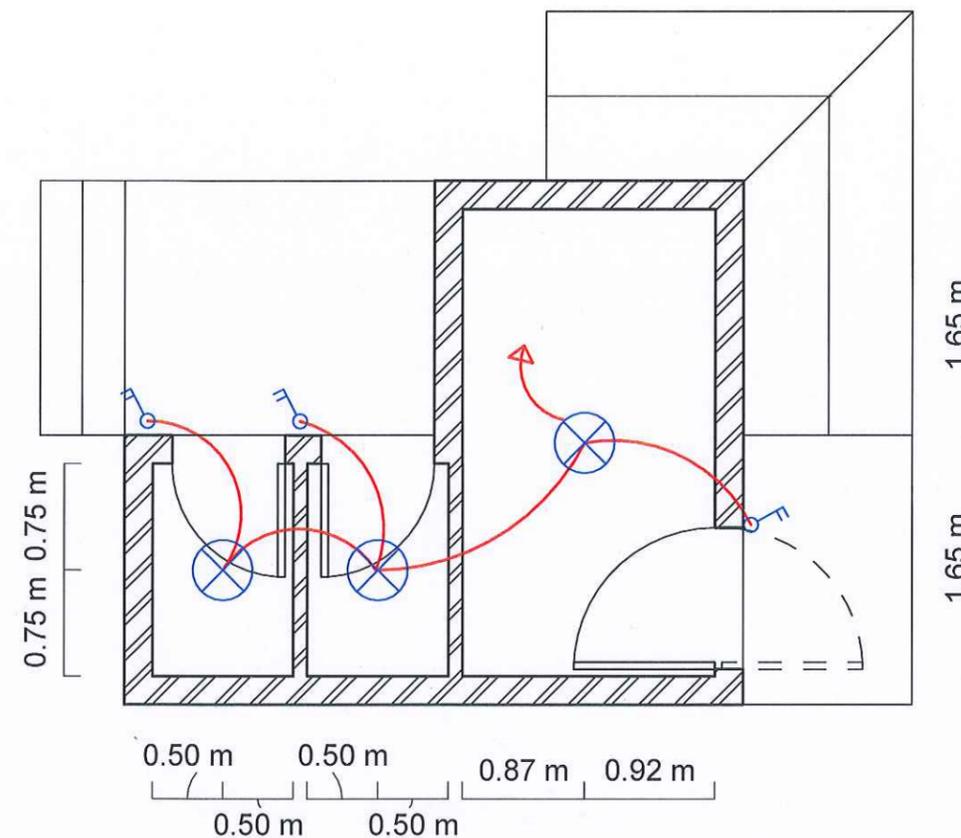
INDEX :

T2-03

SCALE :

1 : 50





1 MALE W.C
1 : 50



DESCRIPTION	
	SINGLE LIGHT SWITCH
	DOUBLE LIGHT SWITCH
	TRIPLE LIGHT SWITCH
	CEILING LAMP

PROGRAM TITLE:

T05-EUF-HOA-SD-73-01

PROJECT TITLE:

PHC of Al Salam - Nutrition Program

LOCATION:

Northern East Al Fasher

ELECTRICAL ENGINEER:

ENG. MOHAMMED SALAH ALAMIR

CHECKED BY:

ENG. AMRAN MOHAMMED OTHMAN

DRAWING TITLE:

BLOCK T2 ELECTRICAL LAYOUT

DATE: JANUARY 2022

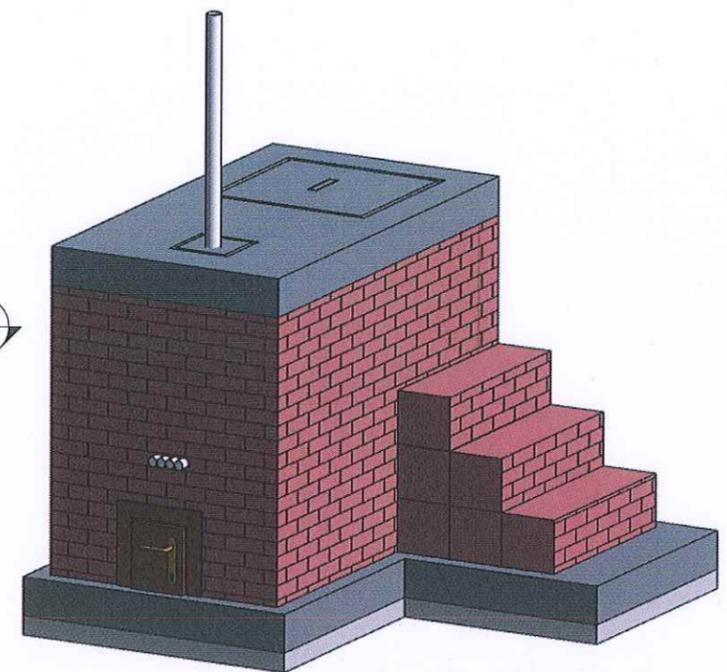
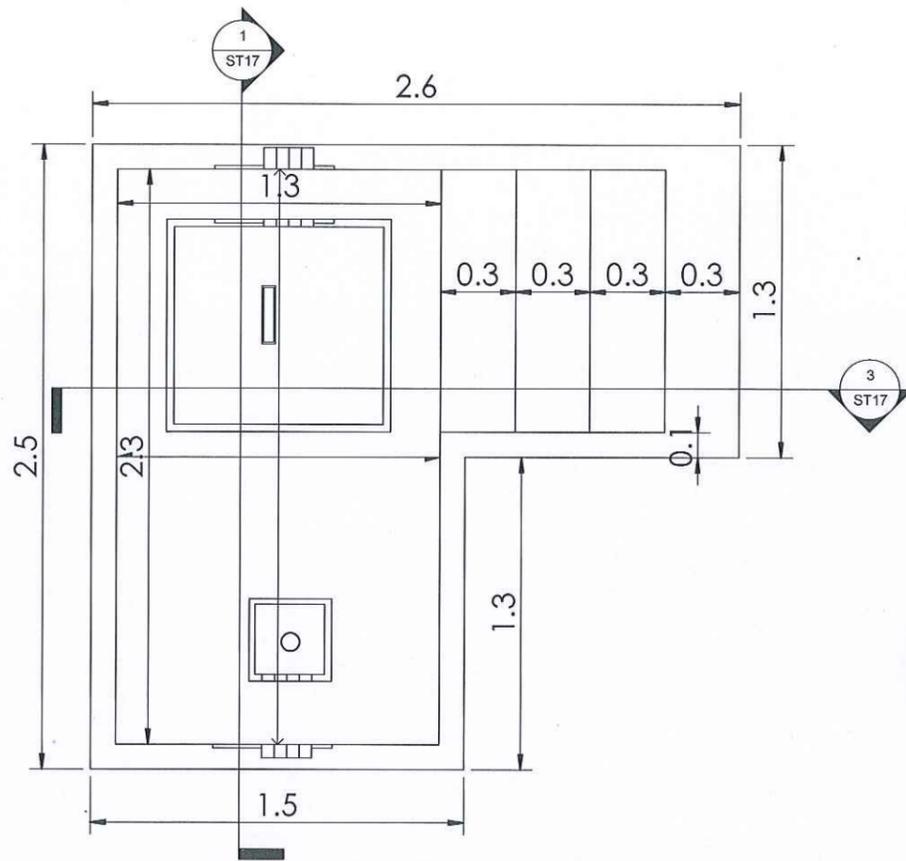
INDEX:

T2_08

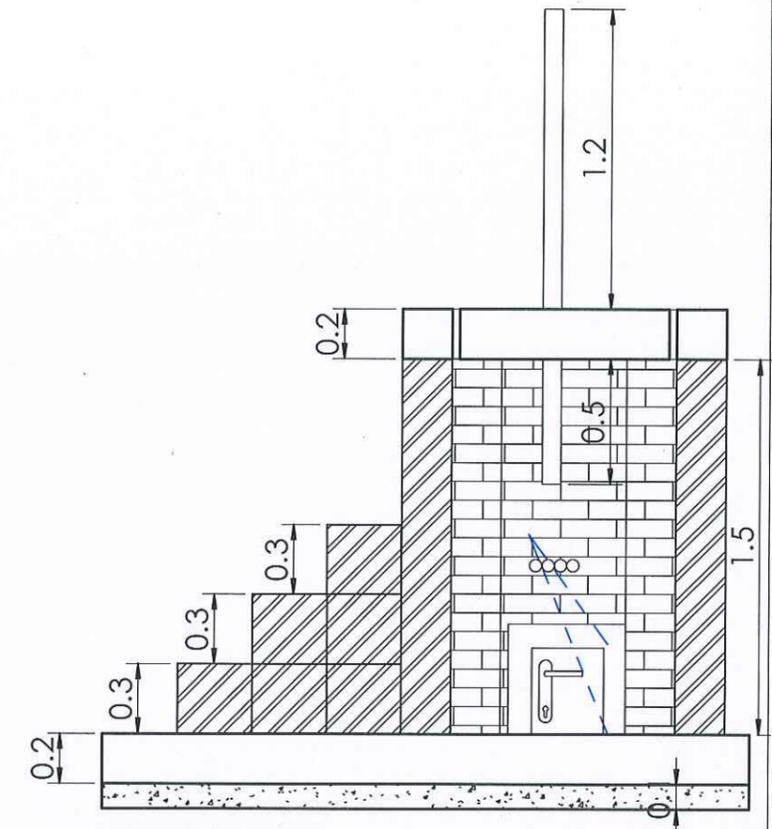
SCALE:

1 : 50



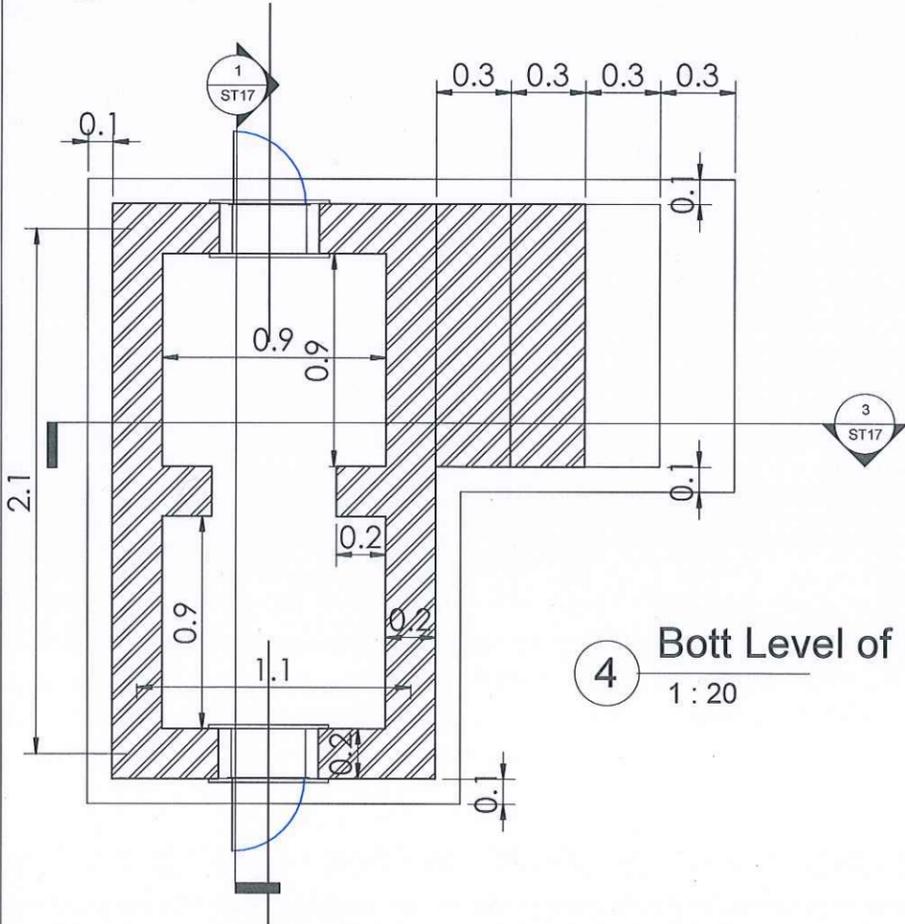


5 3D Medical Waste Disposal

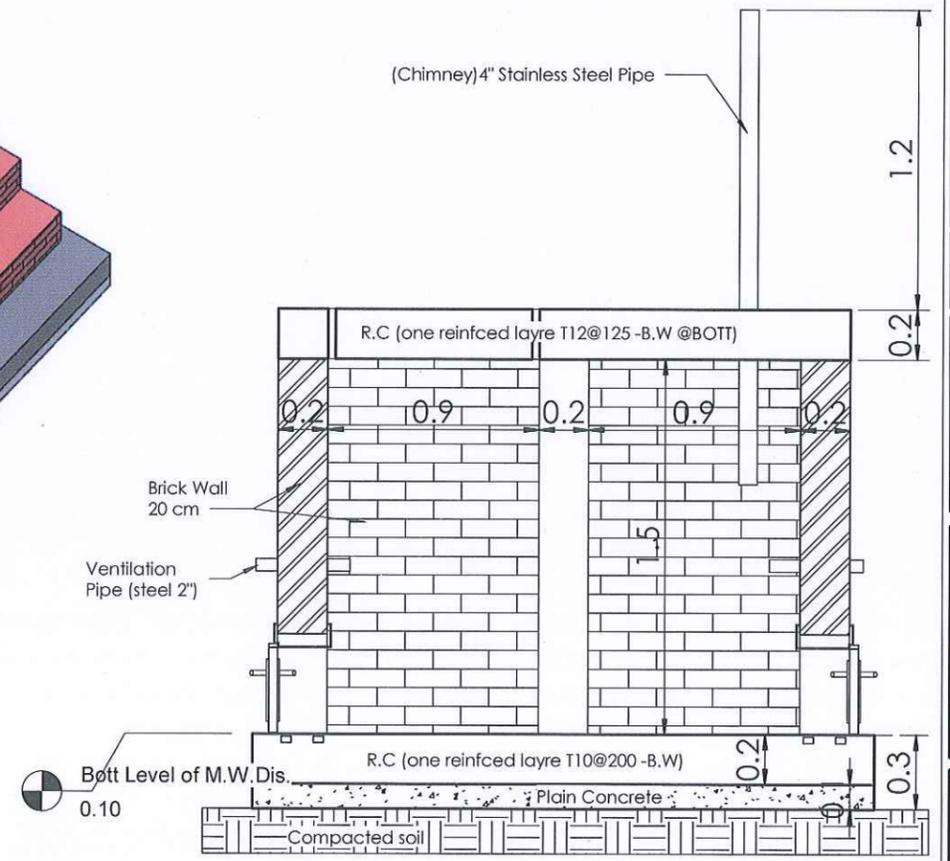
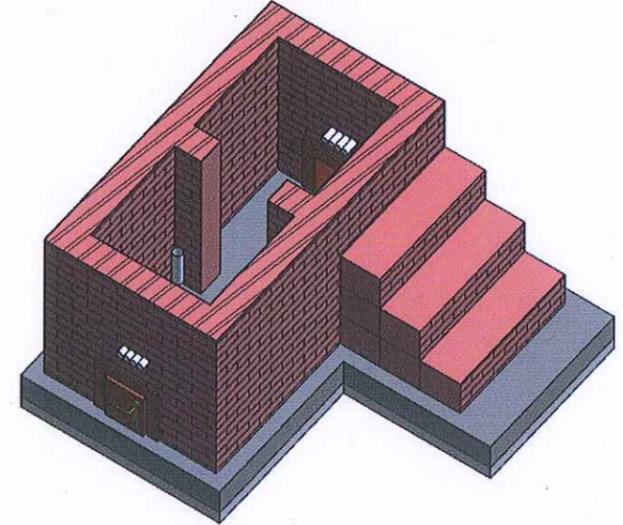


3 Section 17
1 : 20

2 Medical Waste Disposal
Plan
1 : 20

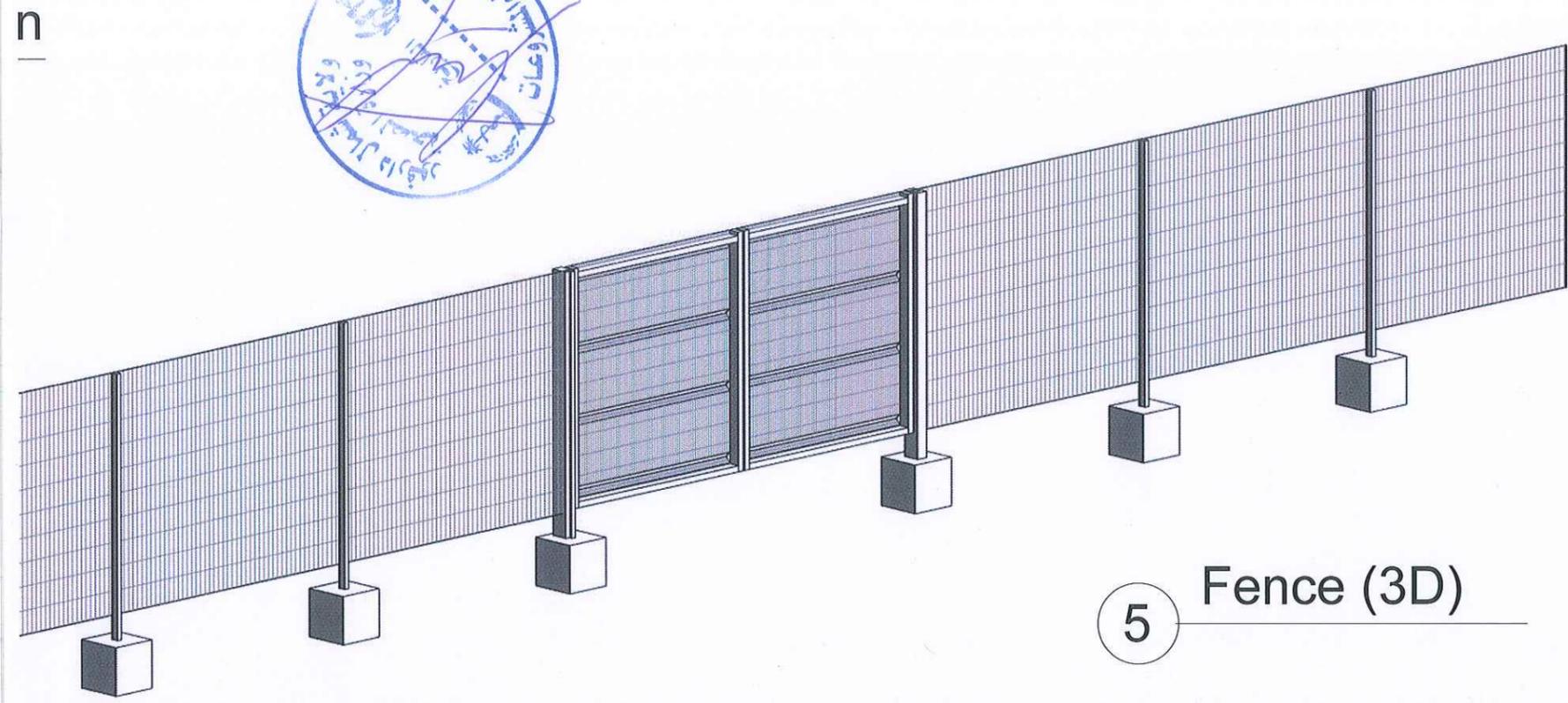
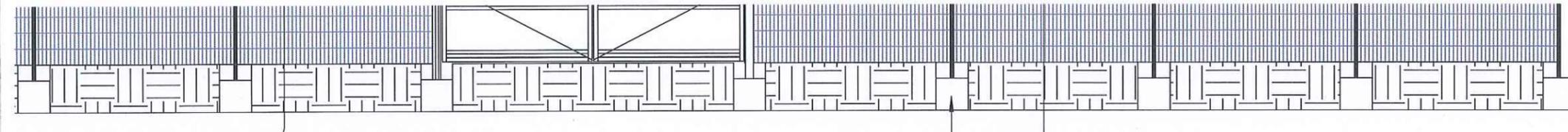


4 Bott Level of M.W.Dis.
1 : 20

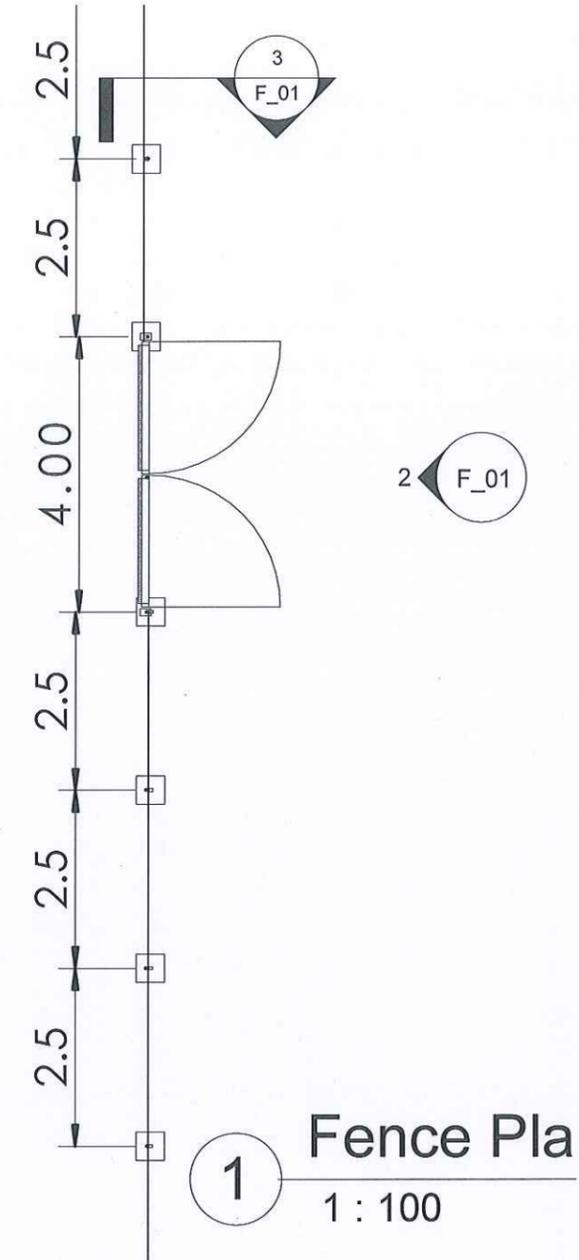


1 Section 16
1 : 20

PROGRAM TITLE :	
T05-EUTF-HOA-SD-73-01	
PROJECT TITLE :	
PHC of Al Salam - Nutrition program (ALF05)	
LOCATION :	
Northern East Al Fasher	
ARCHITECT :	
ENG.Rabab Azhari Fadle Elseed	
STRUCTURAL ENGINEER :	
ENG.IBRAHIM MOHAMMED IBRAHIM	
CHECKED BY :	
ENG. AMRAN MOHAMMED OTHMAN	
DRAWING TITLE :	
Medical Waste Disposal	
DATE : January 2022	
INDEX :	SCALE :
MWD_01	1 : 20

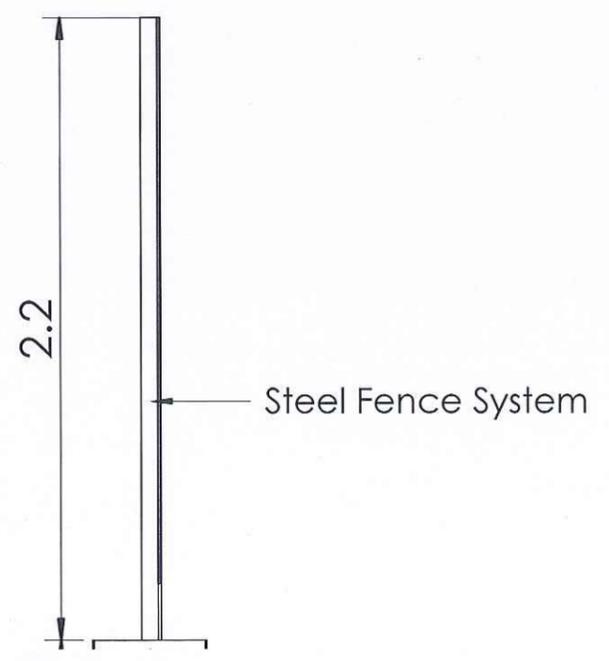
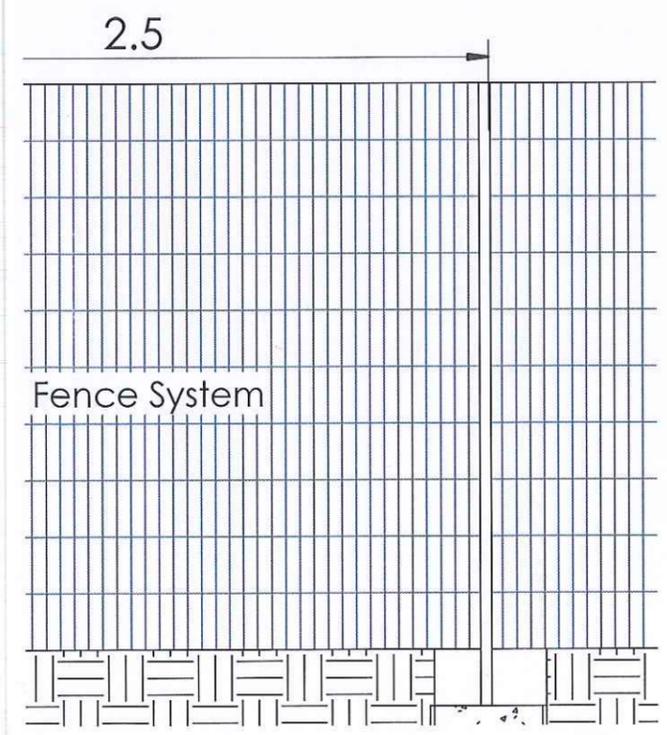


5 Fence (3D)



1 Fence Pla
1 : 100

NBS_CLD Fencing Systems



1	Metal Grid
2	HRS 80X40X2
3	Concerete Pocket Foundation (C20)
4	Entrance Door
5	HRS 60X30X2 (Frame for Entrance Door)