

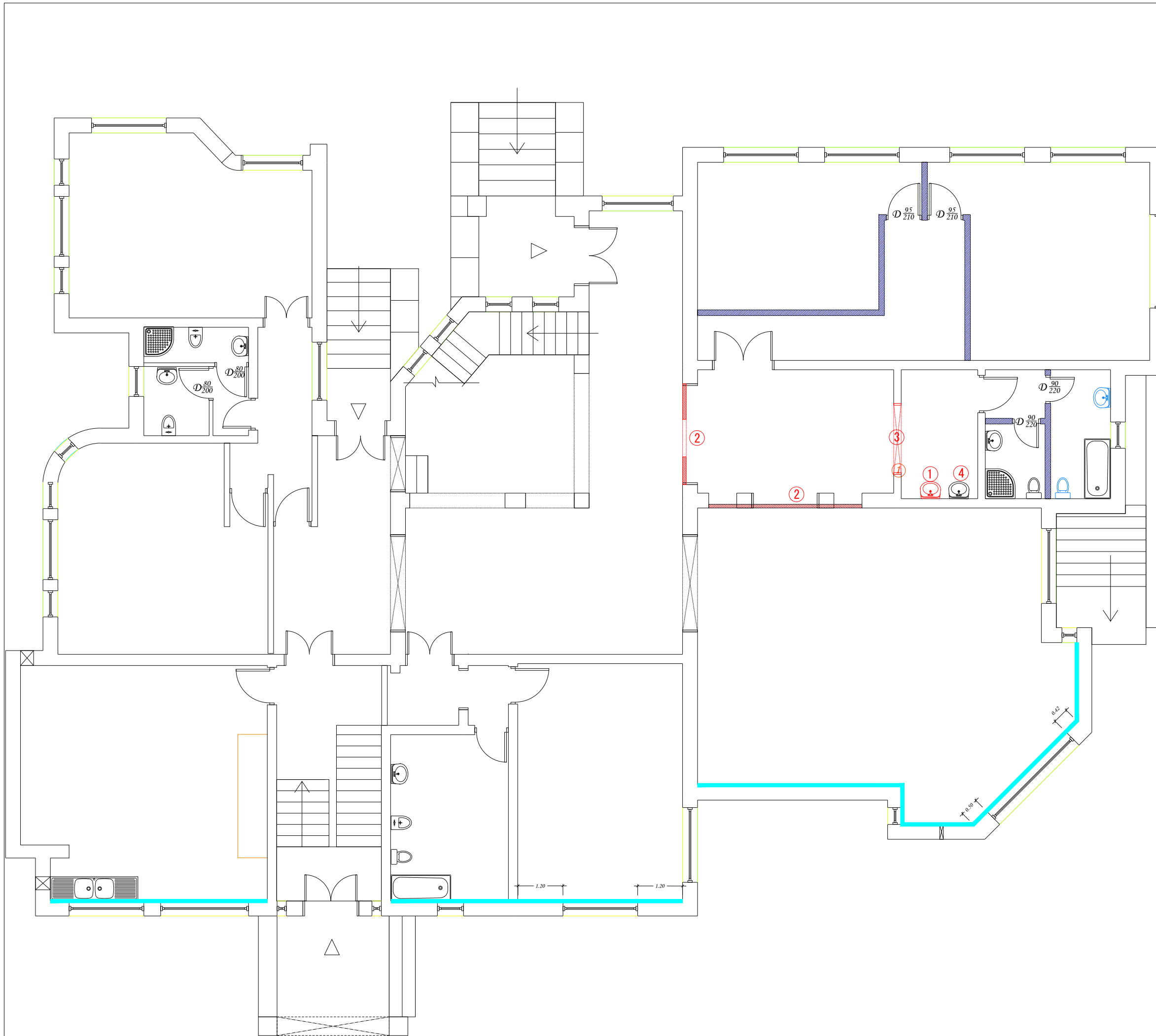


United Nations Development Programme (UNDP)

UNDP Villa

Haddah area, Sana'a , Yemen

15. April.2020



1. Dismantling the existing wash hand basin and modify the wooden cabinet under it.
2. Dismantling the existing gypsum board.
3. Dismantling the existing wooden door.
4. Dismantling the existing washstand basin mixer and install automatic wash hand .

- Existing Wall catcher
- Existing Gypsum board

United Nations Development Programme (UNDP)

Project: UNDP Villa

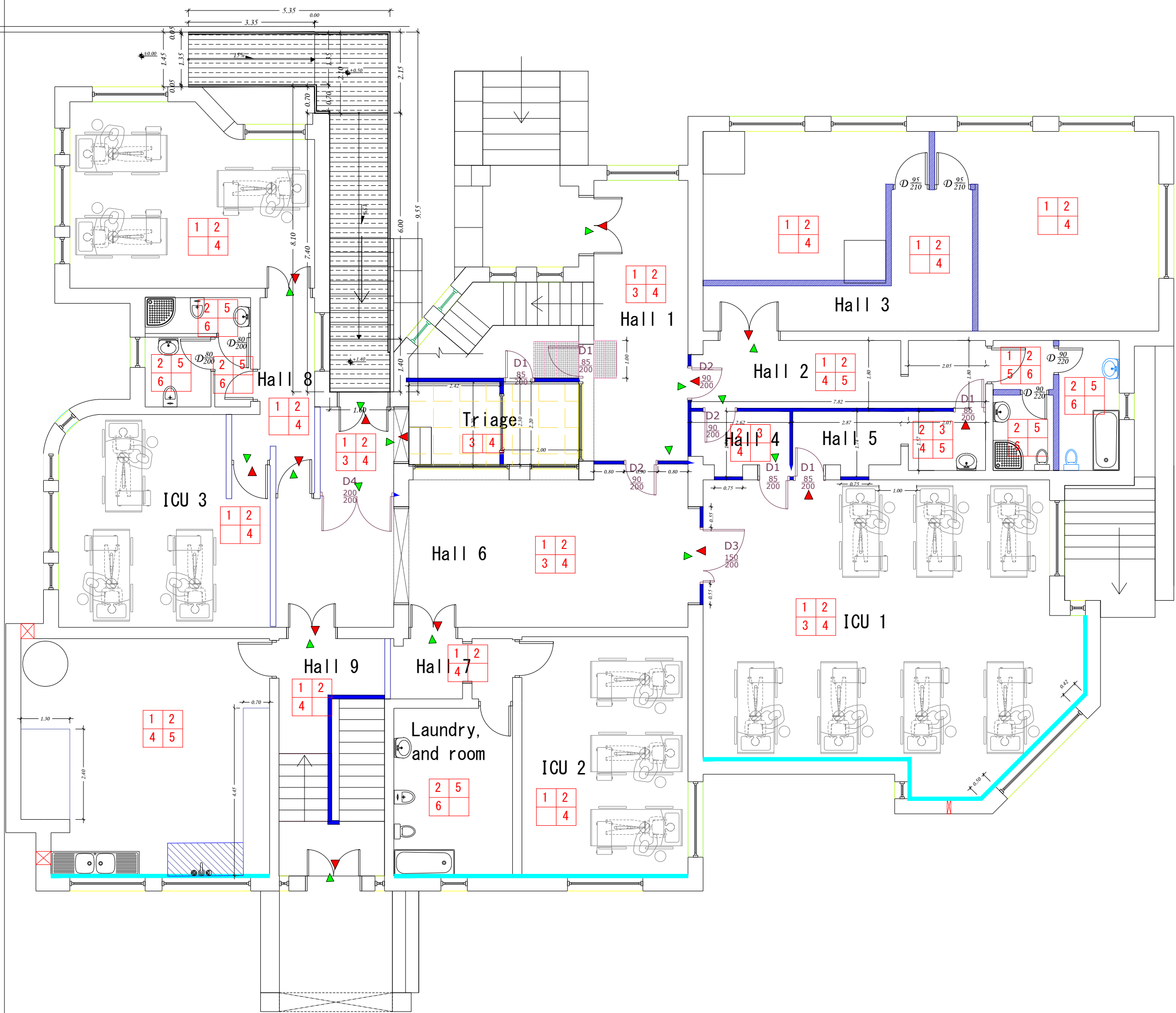
Location: in front of UNCAF, Haddah area, Sana'a , Yemen



Drawing Title: Preparation Work Ground floor for UNCAF Villa

Date: 13. April.2020 Drawing Type: Architectural

Paper Size: A3 Drawing No. 1



Symbols	Description
	Existing Wall Catcher
	Existing Gypsum Board
	Fiber Glass Wall
	New Doors
	Entrance
	Exit
	Ramp
	Triage Area
	Marble Tiles

1. Painting Work for Internal walls using epoxy material.
2. Painting Work for ceiling using epoxy material.
3. Painting for the stone.
4. Painting for the floor tiles.
5. Grouting for the wall tile.
6. Grouting for the floor tiles.

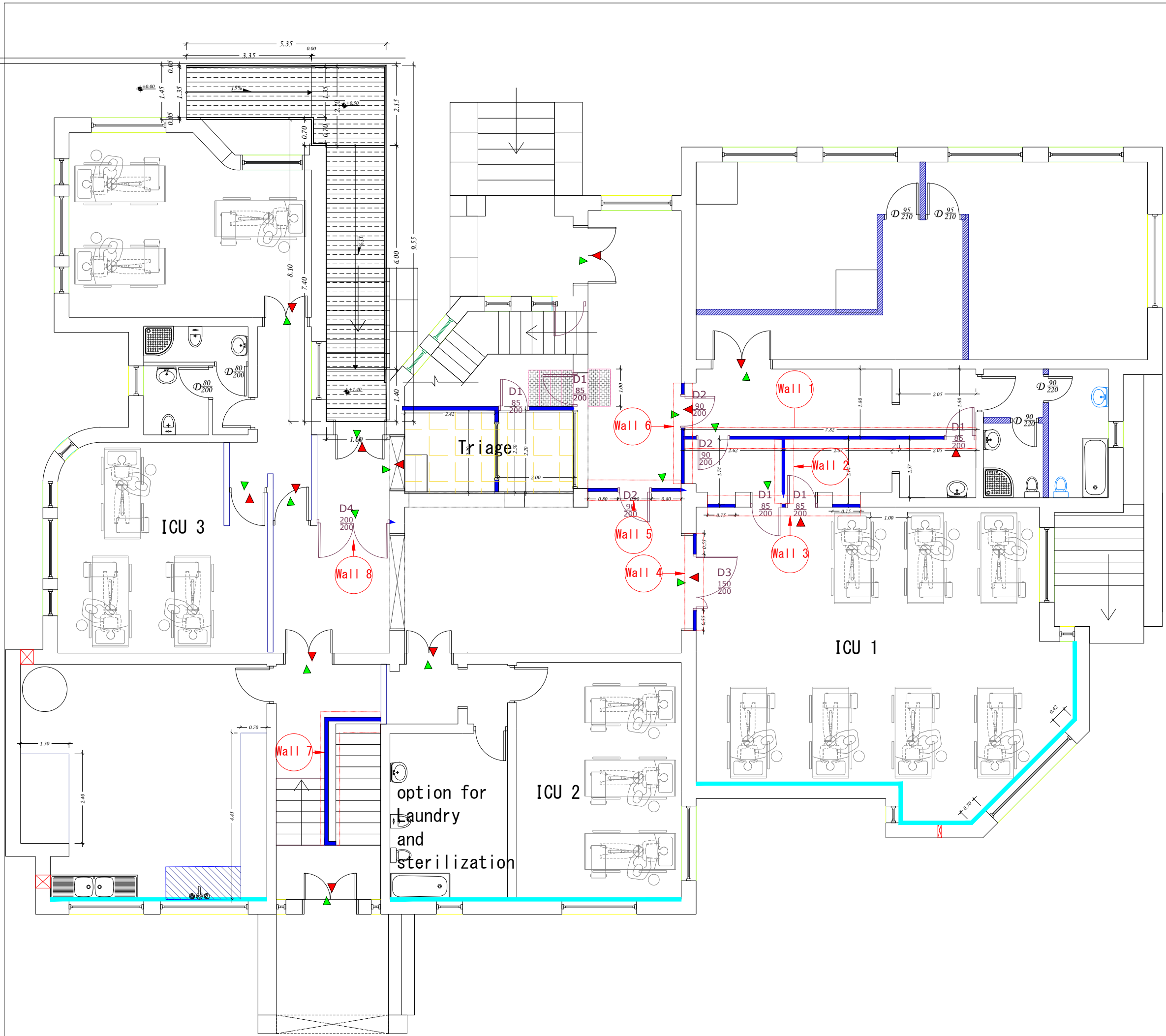
United Nations Development Programme (UNDP)

Project: UNDP Villa
Location: in front of UNCAF, Haddah area, Sana'a, Yemen



Drawing Title: Civil Work in Ground Floor of UNCAF Villa

Date	13. April.2020	Drawing Type	Architectural
Paper Size	A3	Drawing No.	2



	Existing Wall Catcher
	Existing Gypsum Board
	Fiber Glass Wall
	New Doors
	Entrance
	Exit
	Ramp
	Triage Area
	Marble Tiles

United Nations Development Programme (UNDP)

Project: UNDP Villa

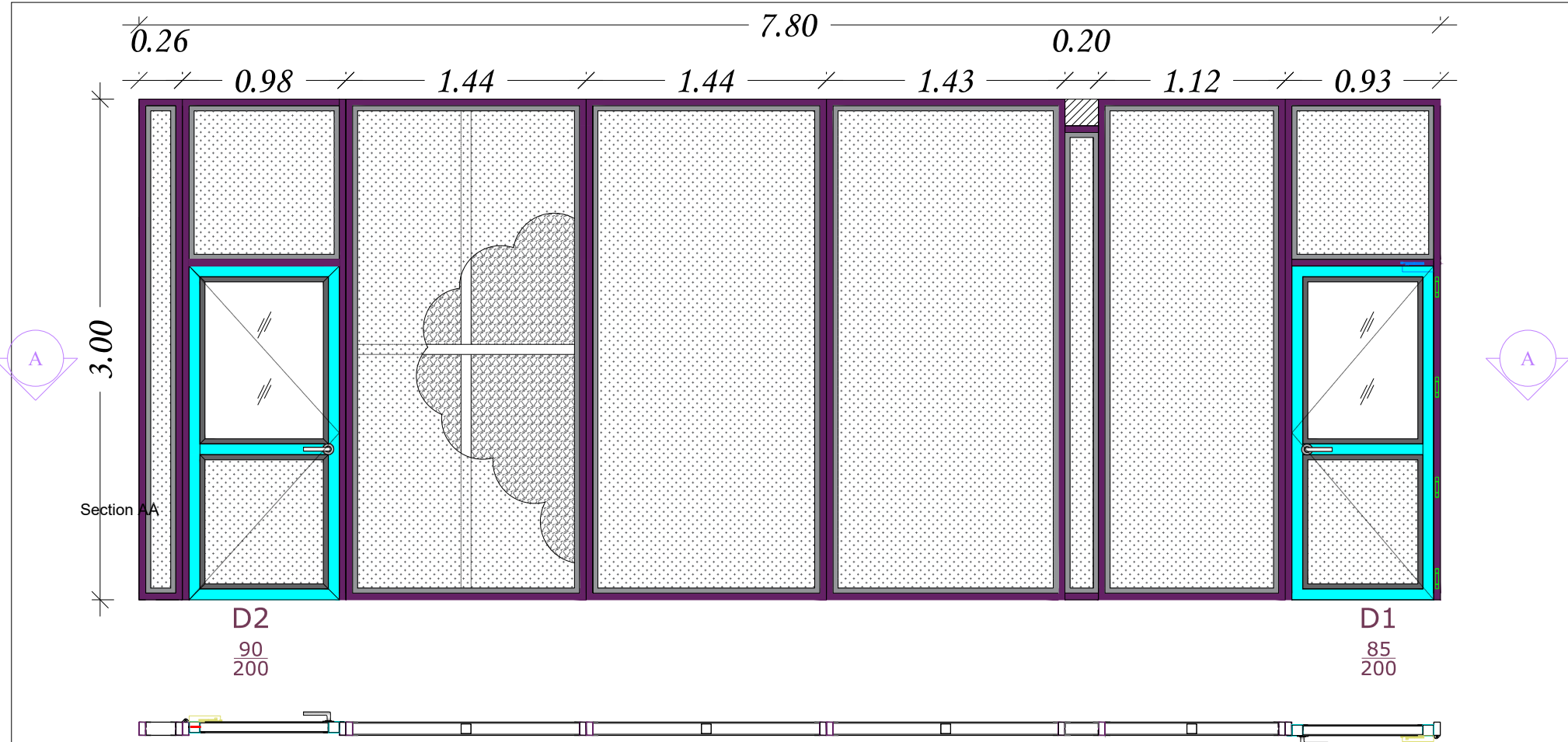
Location: in front of UNCAF, Haddah area,
Sana'a , Yemen



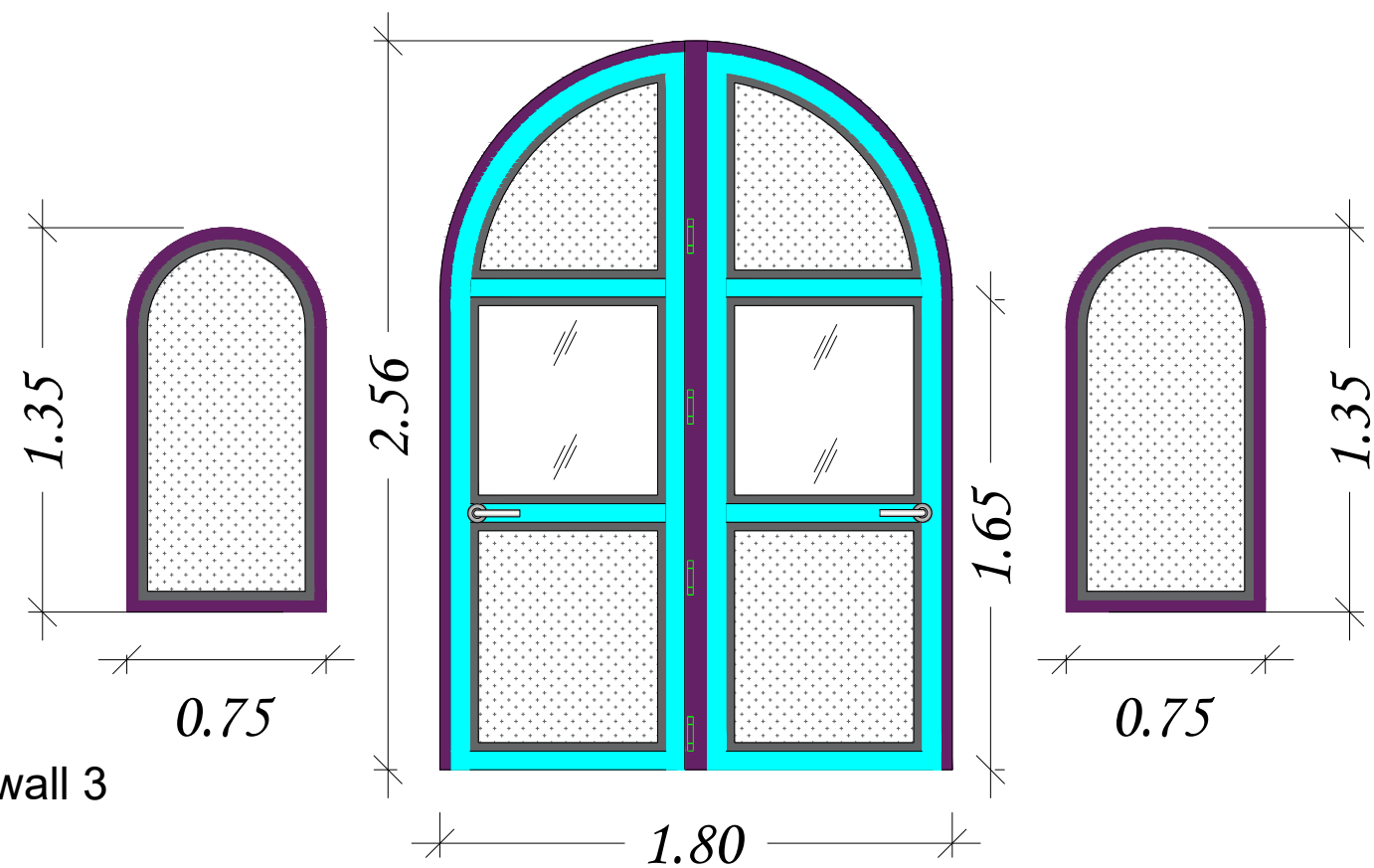
Drawing Title: Wall in Ground Floor of UNCAF Villa

Date	13. April.2020	Drawing Type	Architectural
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Paper Size	A3	Drawing No.	3
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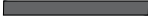


Detail for wall and doors (D 1and door D & 1D)2



Detail for wall 3



Symbols	Description
	Double fiber glass with 6 mm thickness of each layer.
	Aluminum tube section with size 8x4x1.5mm
	Aluminum L section with size 3x3cmx1.5mm
	Aluminum tube section for the door with size 6.5x6.5x1.5mm
	Double glass with thickness 6 mm of each layer
	6 cm insulation material Polystyrene

United Nations Development Programme (UNDP)



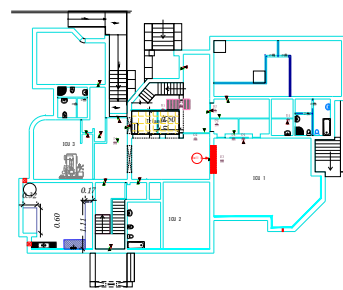
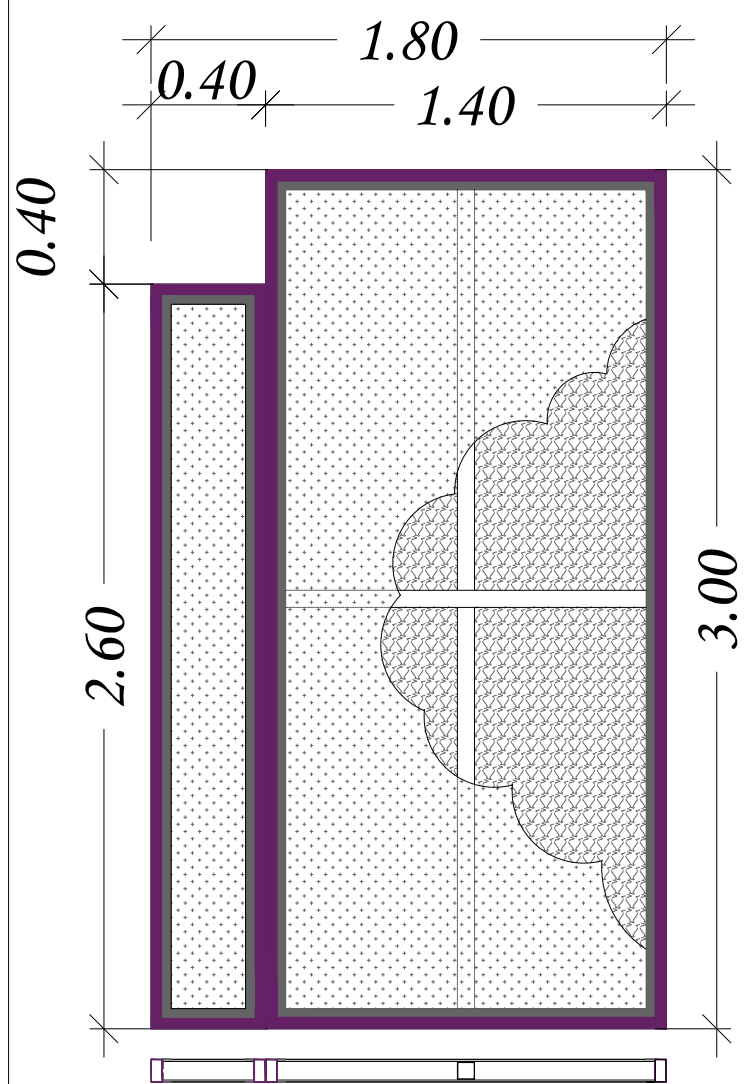
<i>Project:</i>	<i>UNDP Villa</i>
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Location:	in front of UNCAF, Haddah area, Sana'a , Yemen
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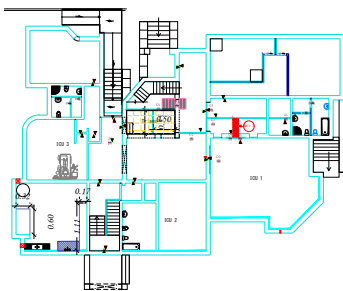
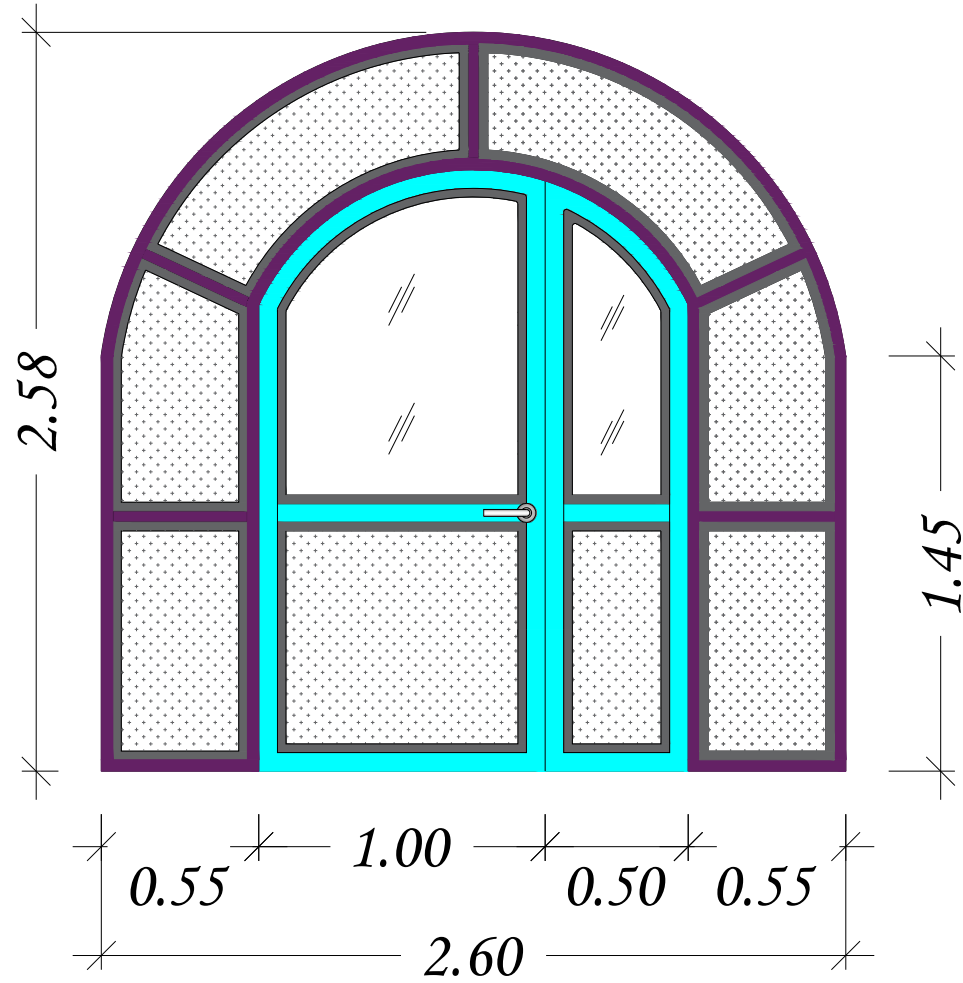


Drawing Title: Detail Wall 1and Wall 3

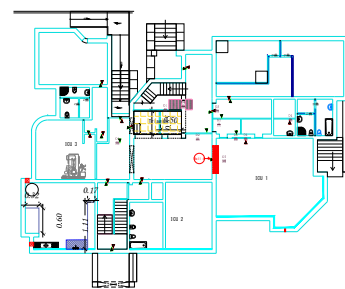
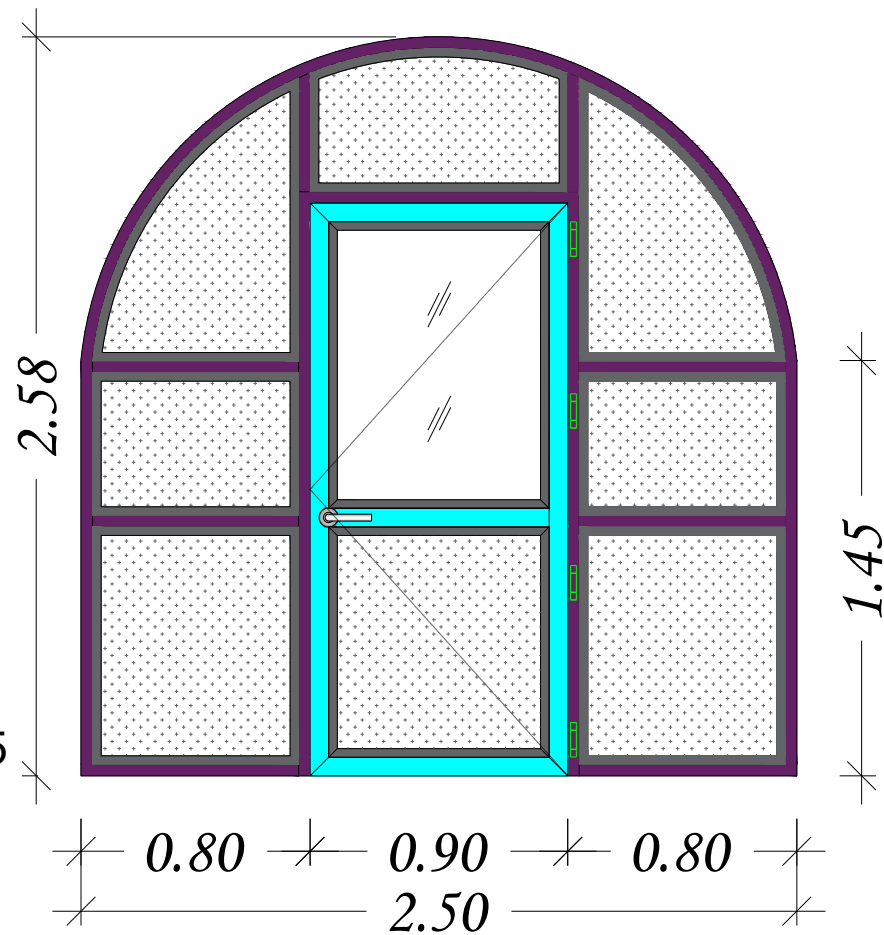
<i>Date</i>	15. April.2020	<i>Drawing Type</i>	Architectural
<i>Paper Size</i>	A3	<i>Drawing No.</i>	④



Detail for wall 4



Detail for wall 2



Detail for wall 5



Symbols	Description
	Double fiber glass with 6 mm thickness of each layer.
	Aluminum tube section with size 8x4x1.5mm
	Aluminum L section with size 3x3cmx1.5mm
	Aluminum tube section for the door with size 6.5x6.5x1.5mm
	Double glass with thickness 6 mm of each layer
	6 cm insulation material Polystyrene

United Nations Development Programme (UNDP)



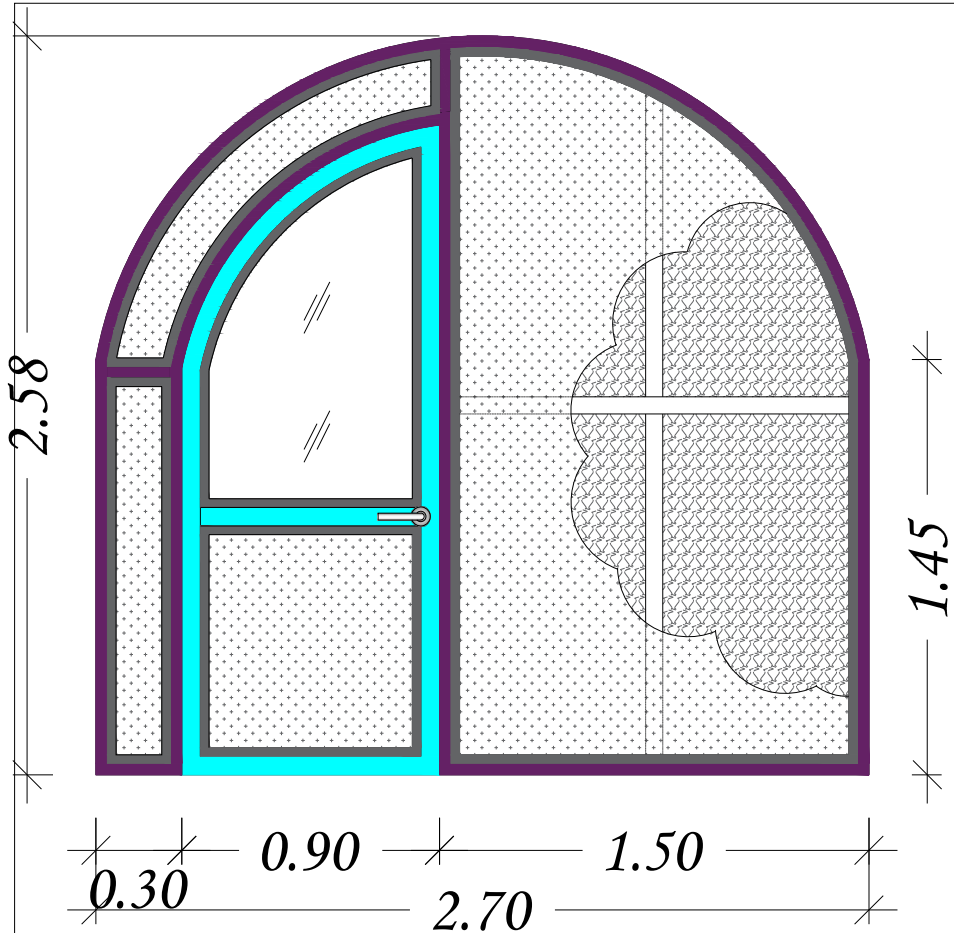
Project: UNDP Villa

Location: in front of UNCAF, Haddah area, Sana'a , Yemen

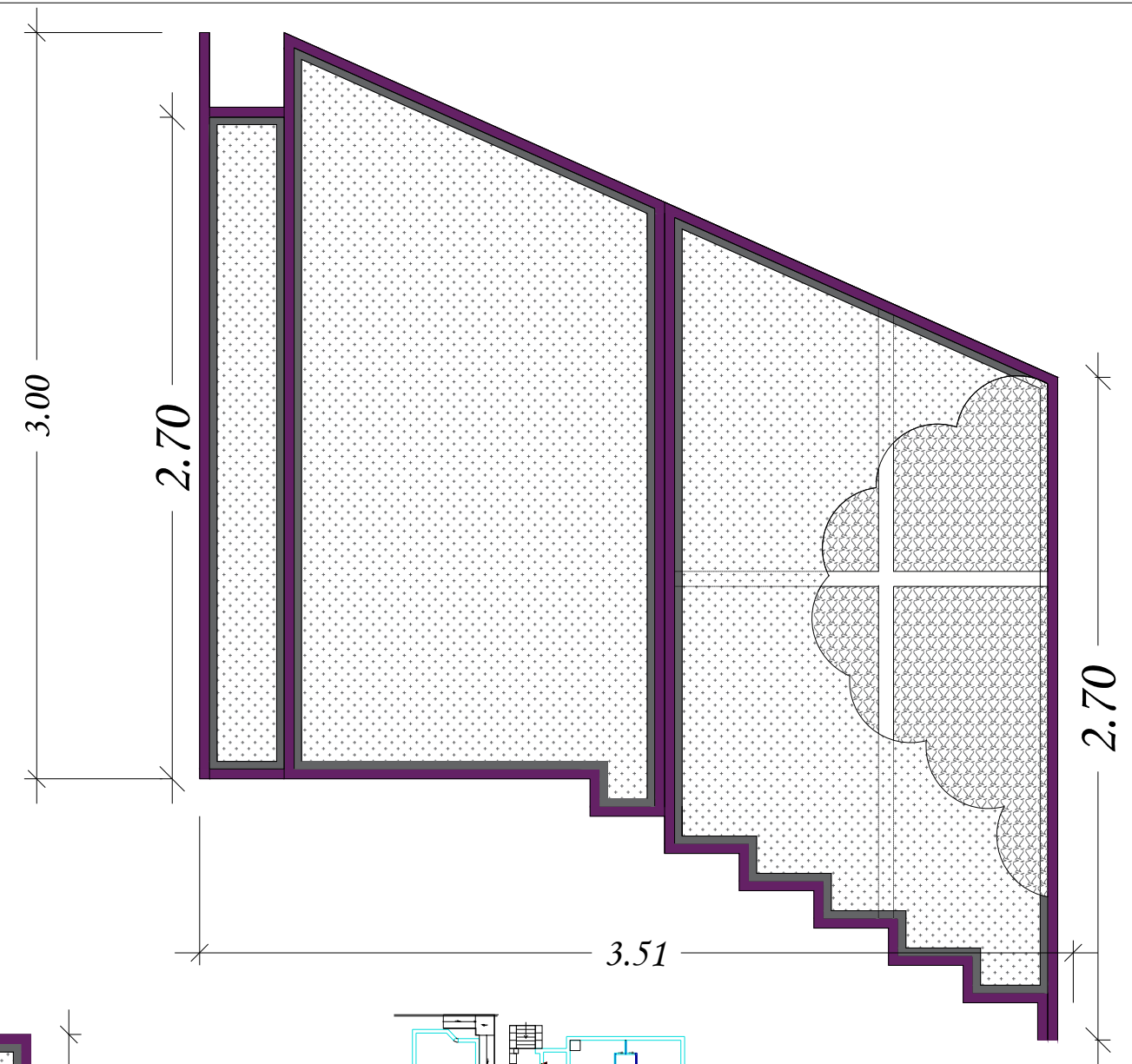
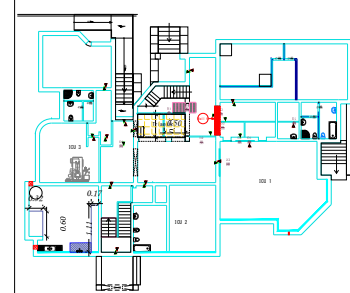
Drawing Title: Detail wall, 2Wall 4and Wall 5

Date: 15. April.2020 Drawing Type: Architectural

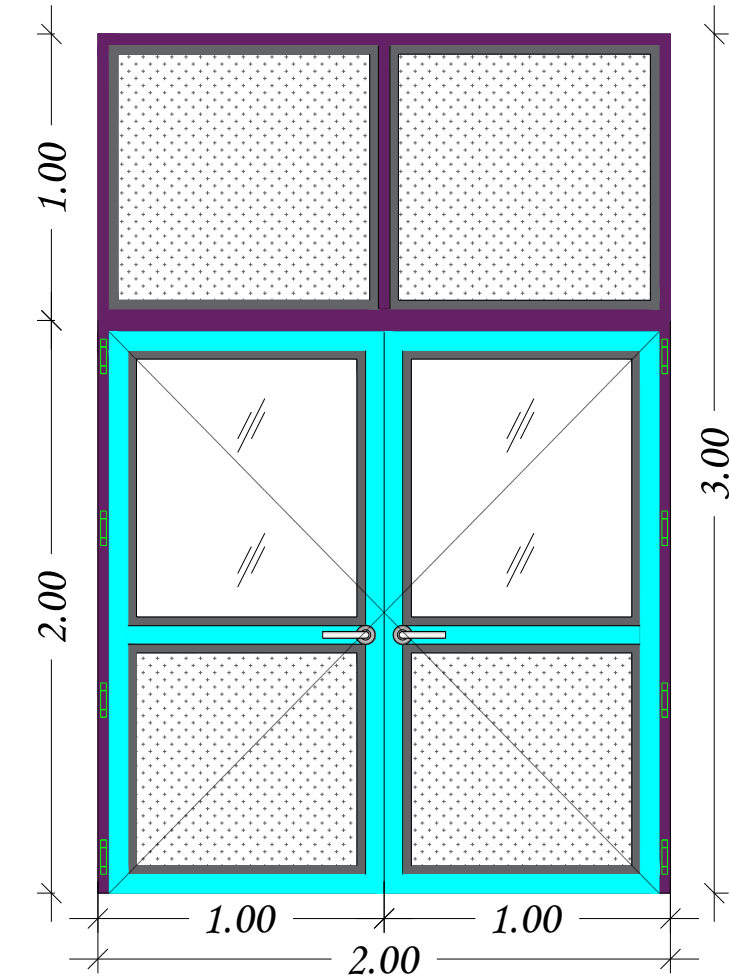
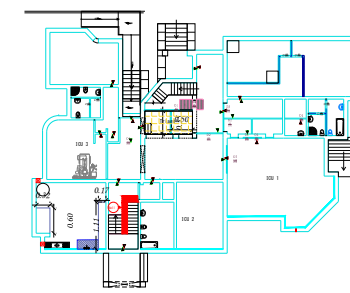
Paper Size: A3 Drawing No. 5



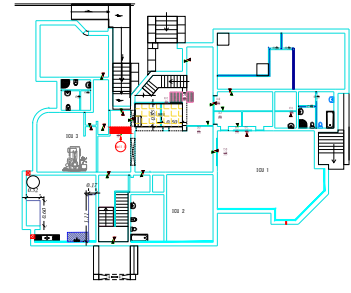
Detail for wall 6



Detail for wall 7



Detail for wall 8



Symbols	Description
	Double fiber glass with 6 mm thickness of each layer.
	Aluminum tube section with size 8x4x1.5mm
	Aluminum L section with size 3x3cmx1.5mm
	Aluminum tube section for the door with size 6.5x6.5x1.5mm
	Double glass with thickness 6 mm of each layer
	6 cm insulation material Polystyrene

United Nations Development Programme (UNDP)



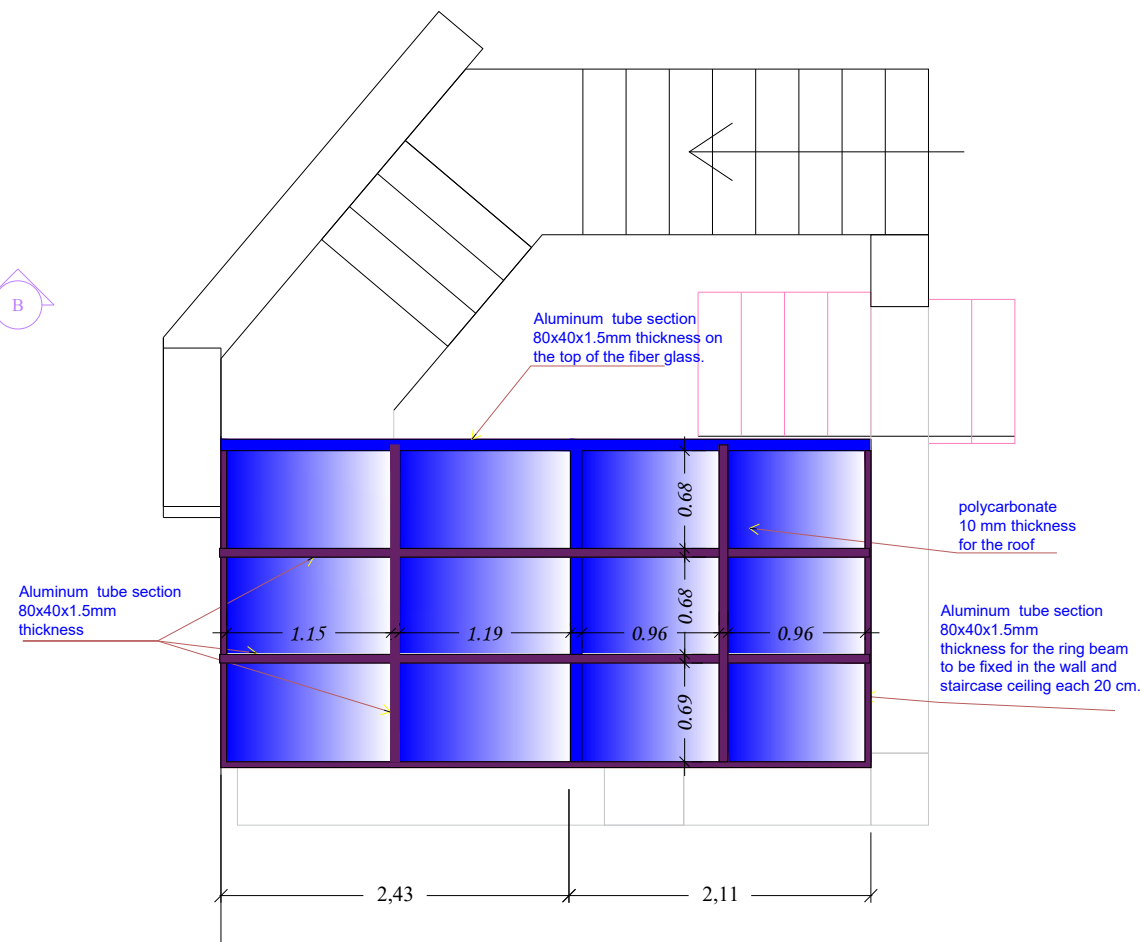
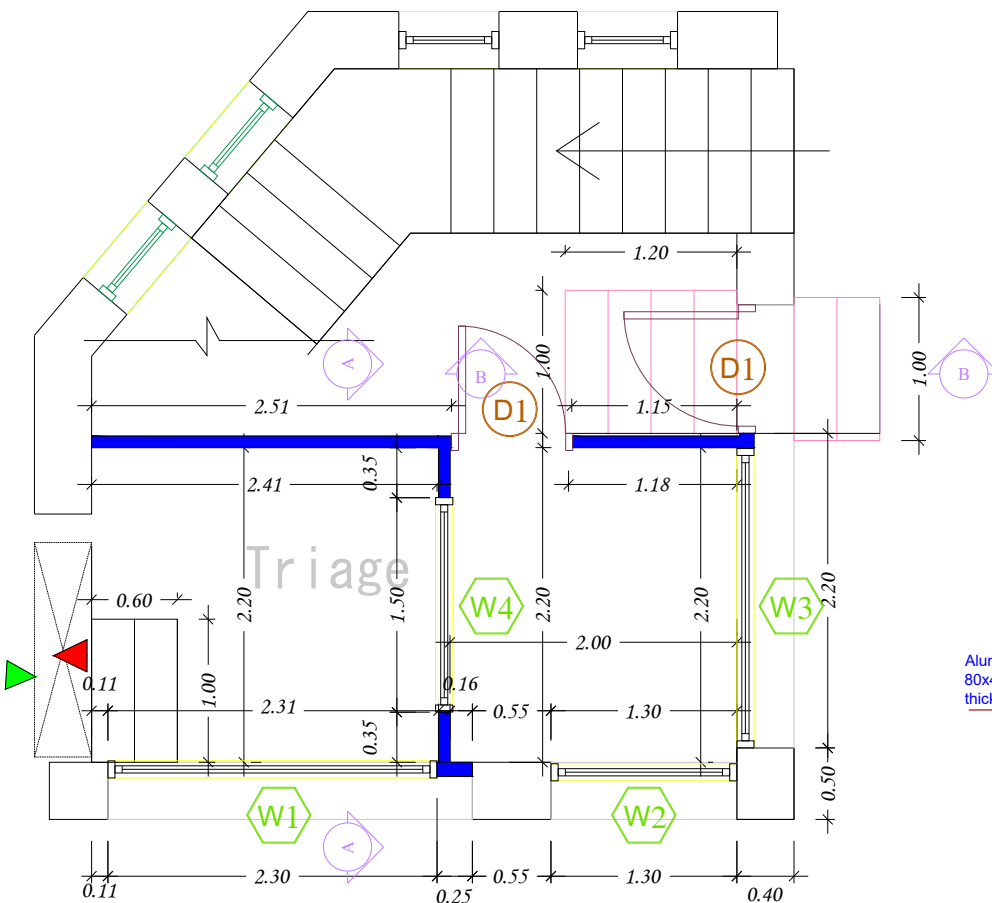
Project: UNDP Villa

Location: in front of UNCAF, Haddah area, Sana'a , Yemen

Drawing Title: Detail Wall, 6Wall 7and Wall8

Date: 15. April.2020 Drawing Type: Architectural

Paper Size: A3 Drawing No.: 6



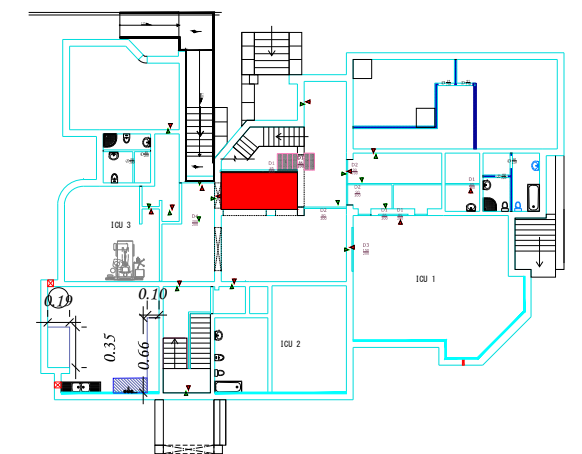
Schedule of Windows

Symbol	Specification	Width	High	Sill	Number
W1	Fixed polycarbonate window	2.30m	1.95m	0.90m	1
W2	Fixed polycarbonate window	1.30m	1.95m	0.90m	1
W3	Fixed polycarbonate window	2.20m	1.95m	0.90m	1
W4	Fixed polycarbonate window	1.50m	1.20m	0.80m	1

Schedule of Doors

Symbol	Specification	Width	High	Number
D1	Swing aluminum door	0.85m	2.0m	2

Symbols	Description
	Double fiber glass with 6 mm thickness of each layer.
	Aluminum tube section with size 8x4x1.5mm
	Aluminum L section with size 3x3cmx1.5mm
	Aluminum tube section for the door with size 6.5x6.5x1.5mm
	Double glass with thickness 6 mm of each layer
	6 cm insulation material Polystyrene
	Polycarbonate with 10 mm thickness



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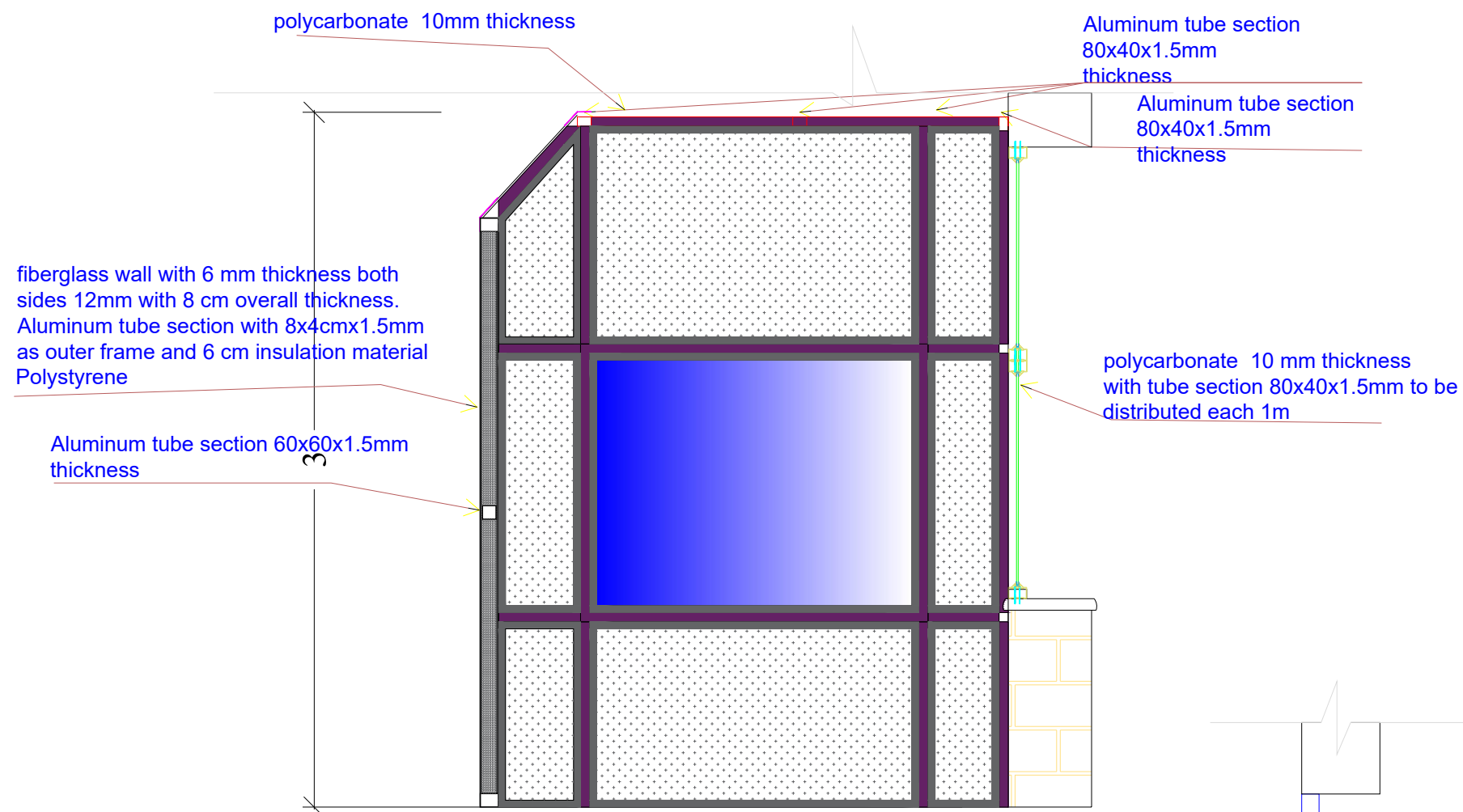
Project: UNDP Villa

Location: in front of UNCAF, Haddah area, Sana'a , Yemen

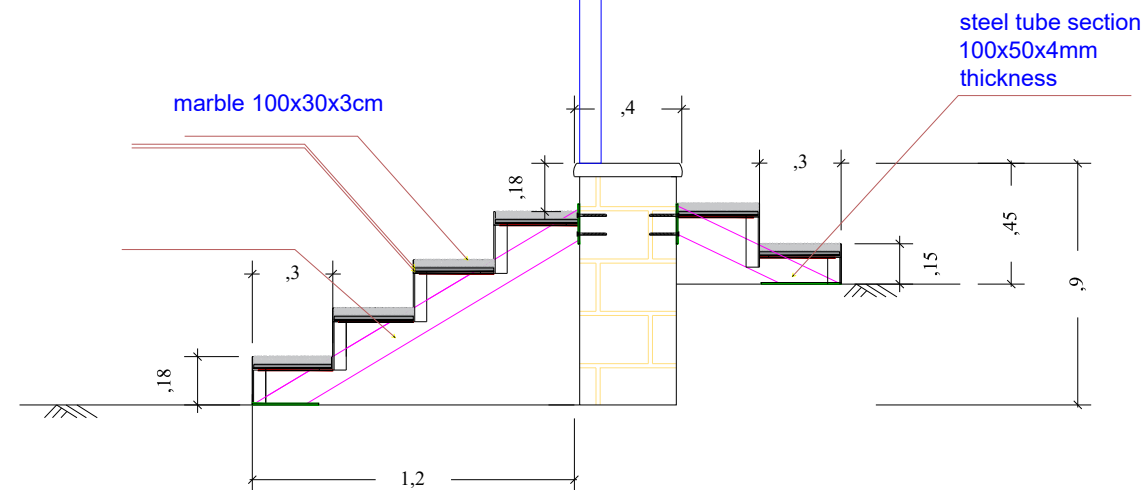
Drawing Title: Triage Plans

Date: 15. April.2020 Drawing Type: Architectural

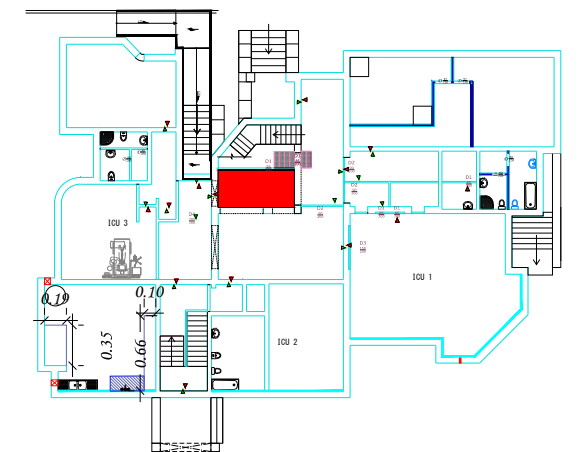
Paper Size: A3 Drawing No. 7



SECTION A-A



SECTION B-B



United Nations Development Programme (UNDP)



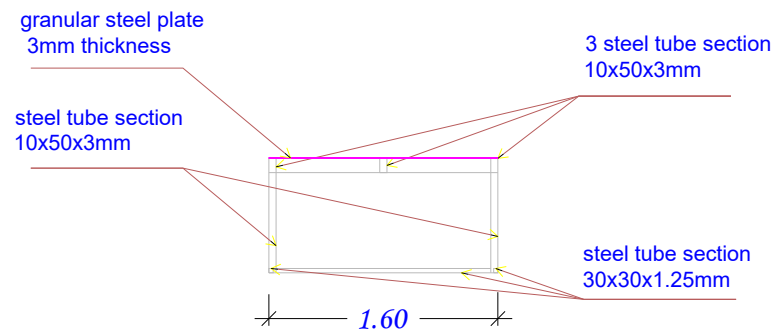
Project: UNDP Villa

Location: in front of UNCAF, Haddah area, Sana'a, Yemen

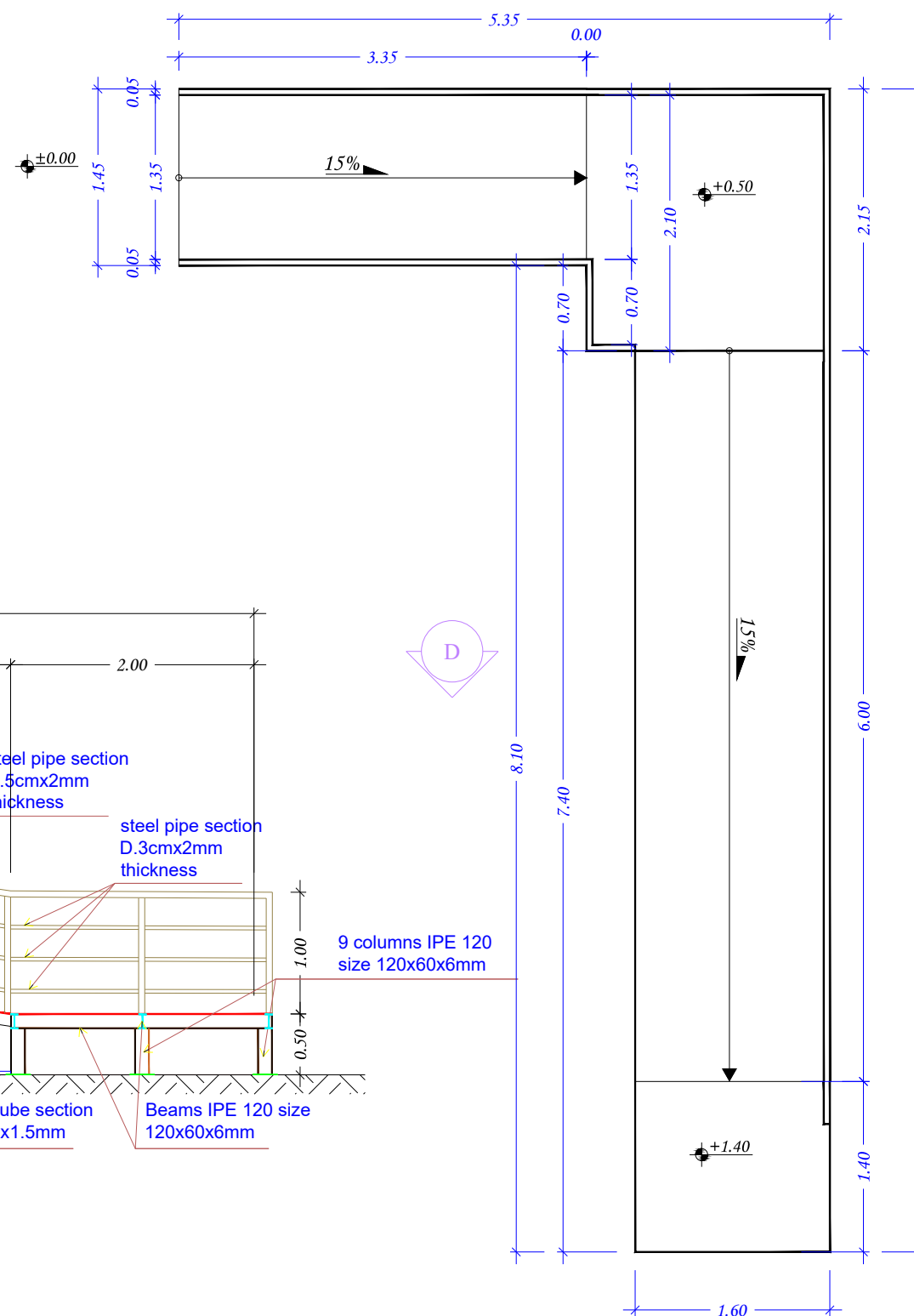
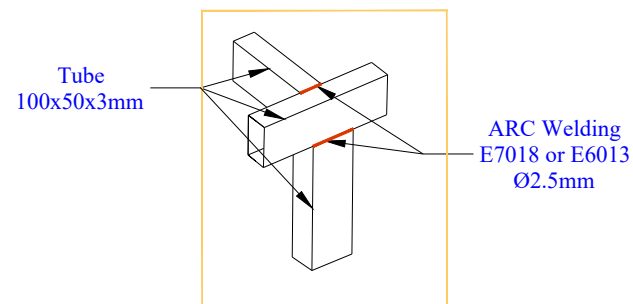
Drawing Title: Detail for triage

Date: 15. April.2020 Drawing Type: Architectural

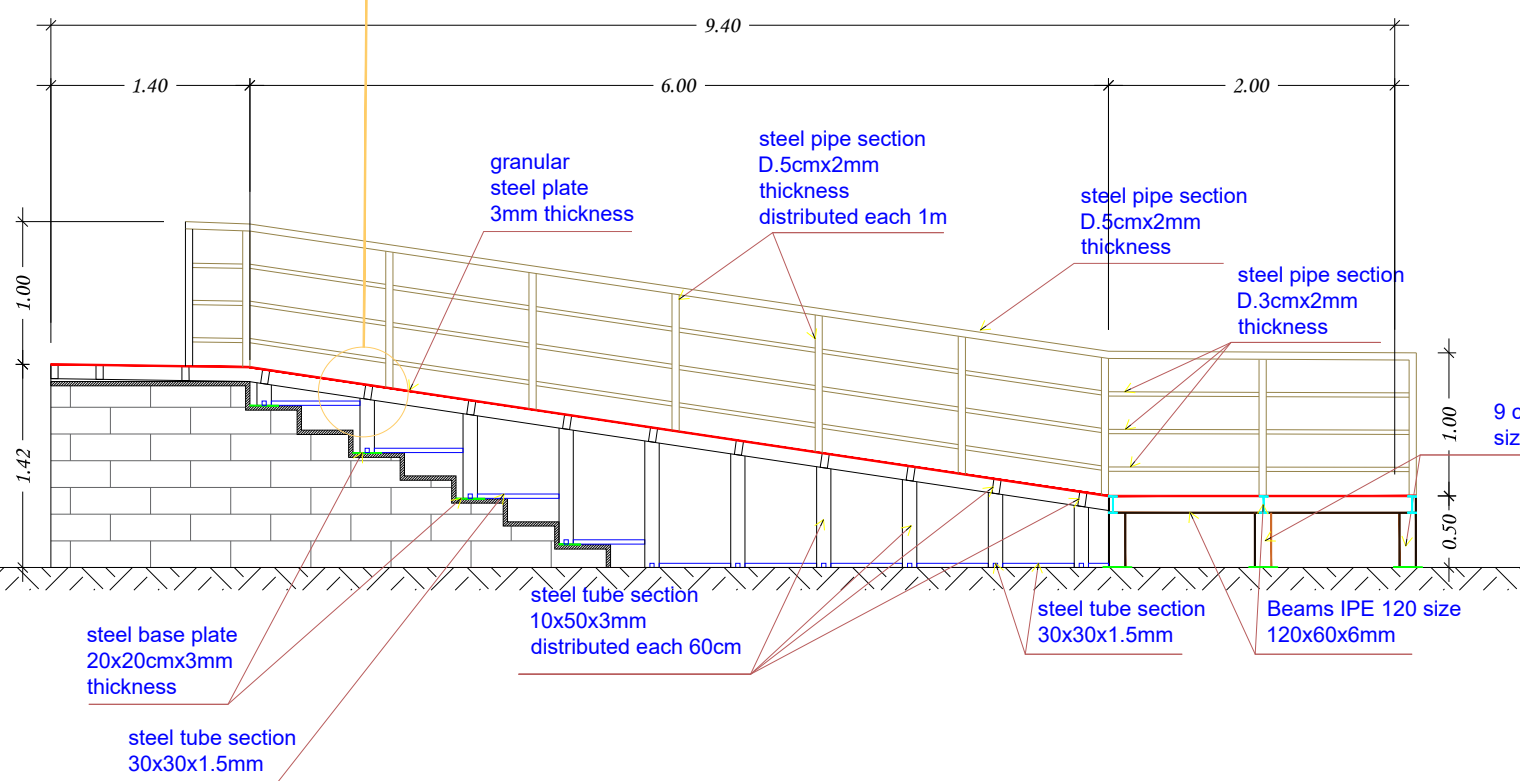
Paper Size: A3 Drawing No. 8



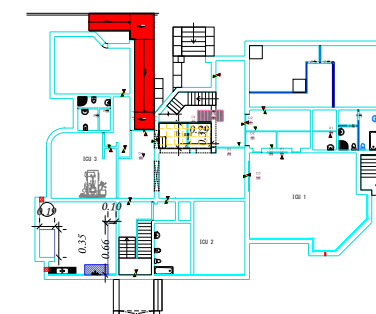
Section D-D



Plan view



Section C-C



United Nations Development Programme (UNDP)



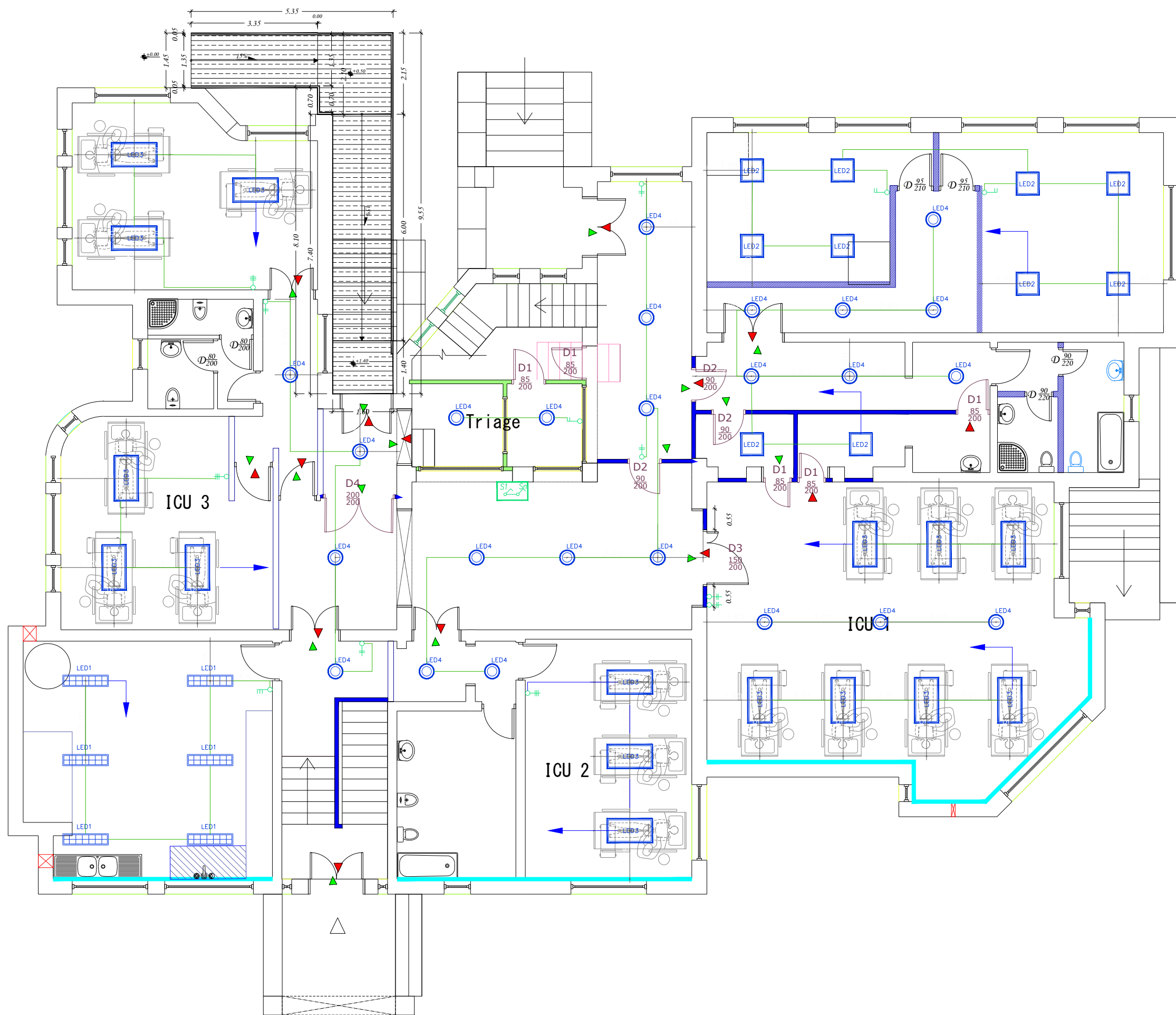
Project: UNDP Villa

Location: in front of UNCAF, Haddah area,
Sana'a, Yemen

Drawing Title: Detail for the Ramp

Date	15. April.2020	Drawing Type	Architectural
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Paper Size	A3	Drawing No.	9
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LED1	Mounting: Surface ceiling. Optical system: PLEXIGLAS diffuser with photometrically designed prisms to direct the light primarily onto the working plane, diffuser fits flush in the luminaire body. With highly-spectacular, anodized reflector. Luminaire body: Body of sheet steel housing with high grade white powder coated finish with UV resistant prismatic diffuser, min IP-54. Lamps and Control gear: 4x75-24W E With electronic control gear units (E), Multi-Lamp.
LED2	AS ELD2 but Lamps 2x75-54W E
LED3	Mounting: Surface ceiling. Optical system: aluminum louvers Luminaire body: steel - white stoved enamel. Integrated with exposed grid ceiling systems Lamps and Control gear: 2 x 36W TC-L . electronic - fixed output circuit.
LED4	Mounting: Surface ceiling downlight. Optical system: reflector in polished aluminium with silver anodized finish. Luminaire body: Body in black polycarbonate, gear plate and legs in zinc - plated steel Lamps and Control gear: 28W LED lamps.
SW1	ON, TOW & THREE GANGE ONE WAY SWITCH (10A-250V AC) WITH WHITE COVER PLATE AT 1.30m A.F.F.L.
SW2	ONE & TWO GANGE TOW WAY SWITCH (10A-250V AC) WITH WHITE COVER PLATE AT 1.30m A.F.F.L.
SW3	GRID SWITCH WITH ONE WAY MODULES.
LED5	LIGHTING POINT

United Nations Development Programme (UNDP)



Project: UNDP Villa

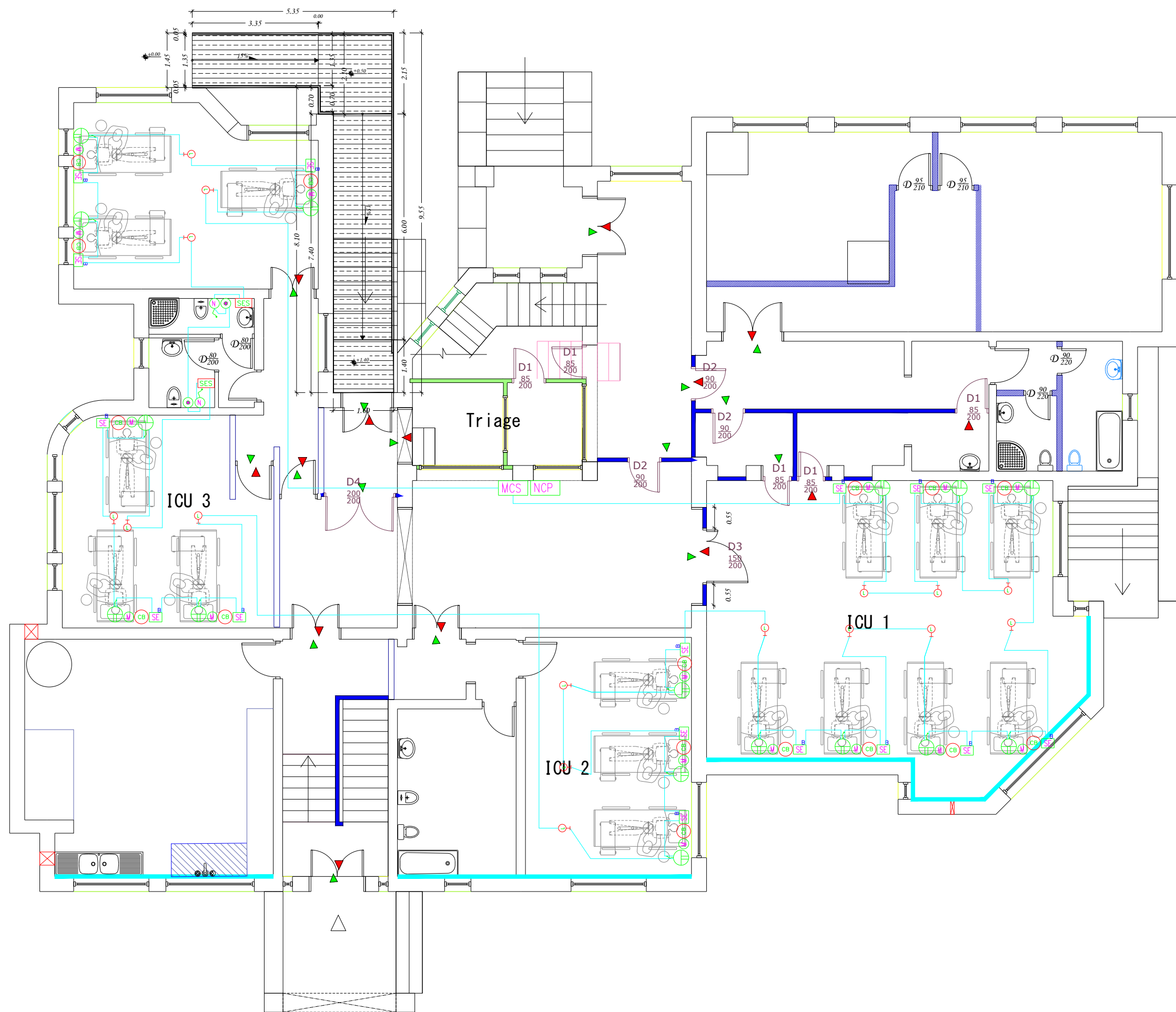
Location: in front of UNCAF, Haddah area, Sana'a, Yemen



Drawing Title: LIGHTING GROUND FLOOR

Date: 15. April.2020 Drawing Type: ELECTRICAL

Paper Size: A3 Drawing No. 3



NURSE CALL SYSTEM	
SYMBOL	DESCRIPTION
NCC	NURSE CALL CONTROL PANEL
NCL	NURSE CALL INDICATOR LIGHT, CEILING/WALL MOUNTED
SES	STAFF/STAFF EMERGENCY CALL WITH RESET AND REASSURANCE LIGHT, WALL OR BED HEAD UNIT MOUNTED
NCP	NURSE CALL POINT INCORPORATED WITH BED HEAD UNIT (BHU) COMPRISING OF PATIENT HANDSET FOR PATIENT/NURSE CALL, WITH RESET PUSH BUTTON, TWO WAY COMMUNICATION AND REASSURANCE LIGHT
PB	PUSH BUTTON, BATH STATION
PPC	PATIENT PULL CORD UNIT WITH CEILING MOUNTED, WITH RESET UNIT AND REASSURANCE LIGHT
NCR	NURSE CALL REPEATER PANEL
CB	CODE BLUE PUSH BUTTON
CDDI	CODE BLUE DOUBLE FACE DIGITAL INDICATOR (MIN 15 X 20 CM) WITH ELECTRONIC ALARM SOUND
CBS	CODE BLUE SYSTEM CONTROLLERS
M	MONITOR STATION BOX (EMPTY CONDUIT)
MCS	MONITOR CONTROL STATION BOX (EMPTY CONDUIT)

United Nations Development Programme (UNDP)



Project: UNDP Villa

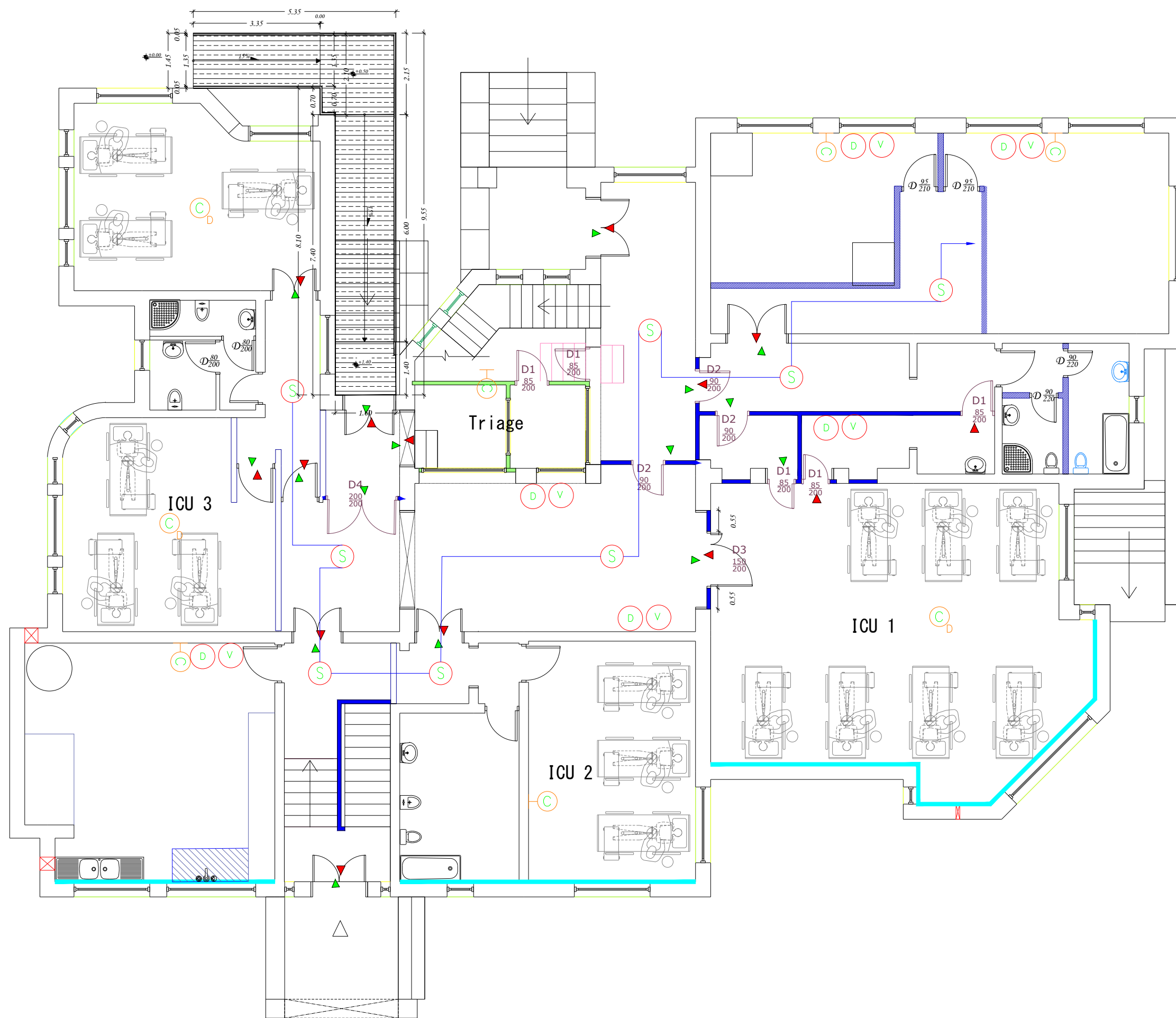
Location: in front of UNCAF, Haddah area, Sana'a, Yemen



Drawing Title: NURSE CALL SYSTEM GROUND FLOOR

Date: 15. April.2020 Drawing Type: ELECTRICAL

Paper Size: A3 Drawing No.: 4



LOW CURRENT SYSTEMS	
SYMBOL	DESCRIPTION
	MAIN DISTRIBUTION FRAME - VOICE / TELEPHONE SYSTEM
	MAIN TELEPHONE JUNCTION BOX - VOICE / TELEPHONE SYSTEM
	VOICE/TELEPHONE PATCH PANEL
	TELEPHONE JUNCTION BOX (VOICE)
	DATA MAIN PATCH PANEL
	DATA PATCH PANEL
	RJ - 11 OUTLET FOR TELEPHONE POINT INCLUDING CAT3 2 PAIR UTP CABLE
	DITTO AS ABOVE BUT INCORPORATED IN BED HEAD UNIT
	RJ - 45 OUTLET FOR DATA POINT INCLUDING CAT6 4 PAIR UTP CABLE
	DITTO AS ABOVE BUT INCORPORATED IN BED HEAD UNIT
	DUAL OUTLET FOR TELEPHONE (RJ-11) INCLUDING CAT3 , 2 PAIR UTP CABLE AND THE OTHER FOR DATA (RJ-45) INCLUDING CAT 6, 4 PAIR UTP CABLE
	SMATV SOCKET OUTLET (75 OHM)
	SMATV SYSTEM TAP-OFF BOX (TWO TO EIGHT WAY AS PER DRAWING) WALL MOUNTED ABOVE FALSE CEILING
	SMATV SYSTEM TAP-OFF BOX WITH END OF LINE RESISTOR , WALL MOUNTED ABOVE FALSE CEILING
	SMATV SYSTEM SIGNAL SPLITTER 1:2
	SMATV SYSTEM SIGNAL SPLITTER 1:3
	SMATV SYSTEM SIGNAL SPLITTER 1:4
	SMATV DISTRIBUTION AMPLIFIER
	SMATV HEAD END EQUIPMENT
	MASTER CLOCK PANEL
	SYNCHRONOUS SLAVE CLOCK WALL MOUNTED CONNECTED TO MASTER CLOCK SYSTEM
	DITTO AS ABOVE BUT DOUBLE SIDE SUSPENDED FROM CEILING
	PUBLIC ADDRESS/ PAGING SYSTEM MICROPHONE
	PUBLIC ADDRESS SYSTEM 6W LOUD SPEAKER, RECESSED IN FALSE CEILING, C/W TAP CHANGING TRANSFORMER
	PUBLIC ADDRESS SYSTEM 15W HORN LOUD SPEAKER, WALL MOUNTED, C/W TAP CHANGING TRANSFORMER
	PUBLIC ADDRESS SYSTEM ADJUSTABLE POWER 2.5-10W LOUD SPEAKER COLUMN, WALL MOUNTED, C/W TAP CHANGING TRANSFORMER
	PUBLIC ADDRESS /PAGING SYSTEM MAIN RACK .
	MASTER INTERCOM STATION UNIT
	INTERCOM STATION UNIT
	LOW CURRENT SYSTEMS MULTI COMPARTMENT GALVANIZED IRON TRUNKING, INSTALLED ABOVE FALSE CEILING

United Nations Development Programme (UNDP)



Project: UNDP Villa

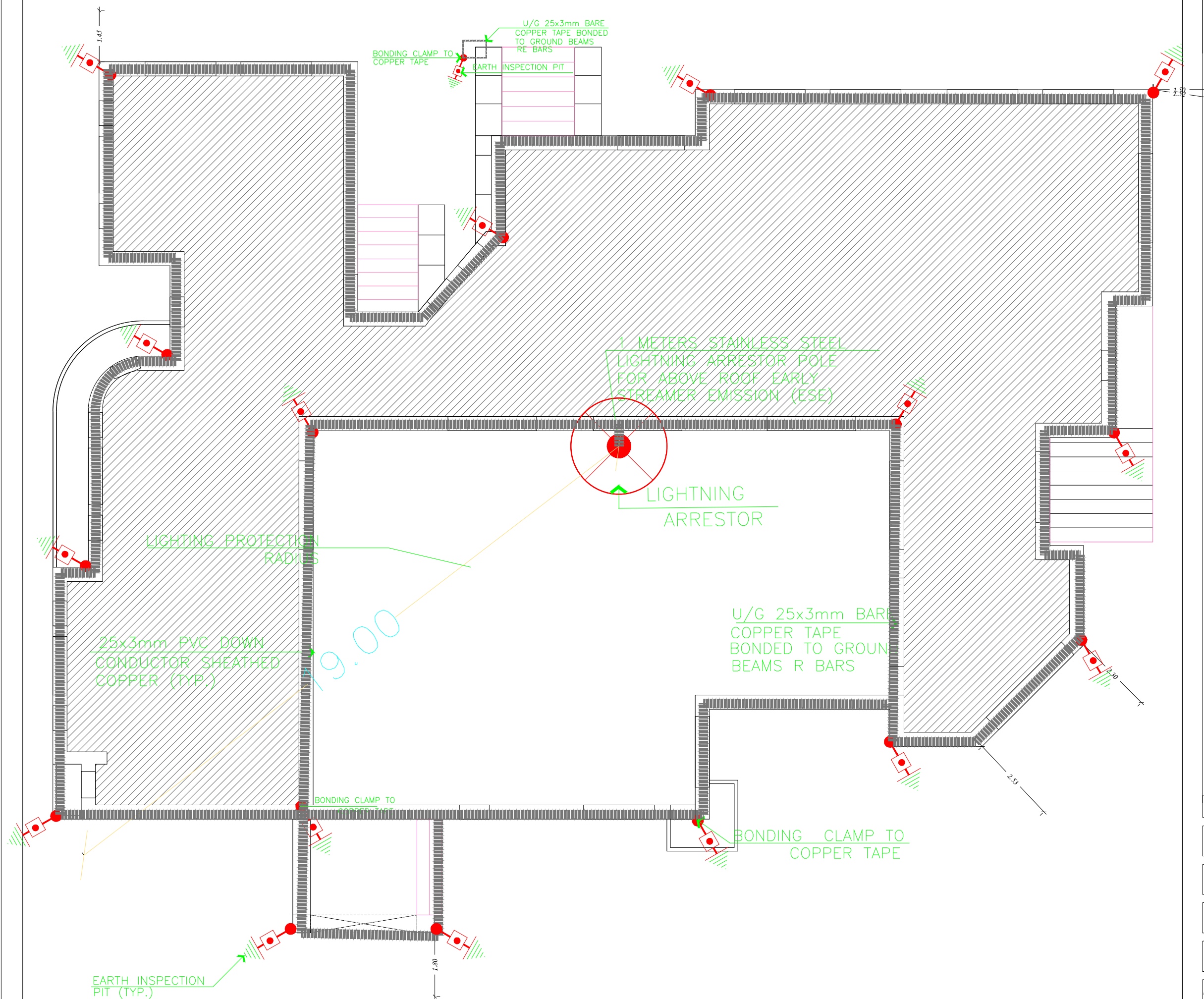
Location: in front of UNCAF, Haddah area,
Sana'a , Yemen



Drawing Title: DATA AND TELEPHONE AND MASTER
CLOCK GROUND FLOOR

Date 15. April.2020 Drawing Type ELECTRICAL

Paper Size A3 Drawing No. 5



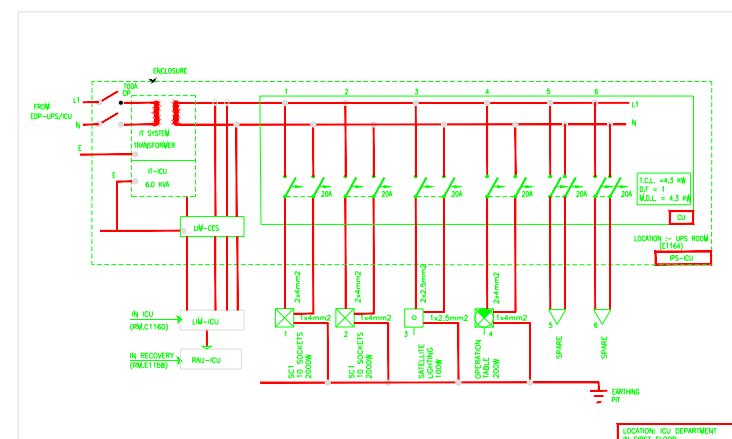
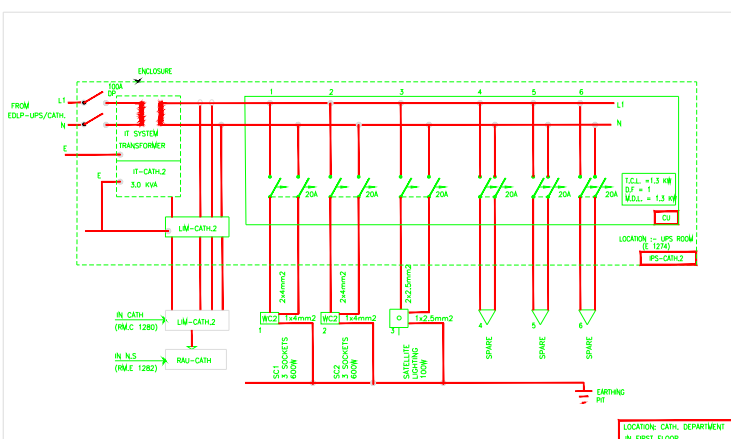
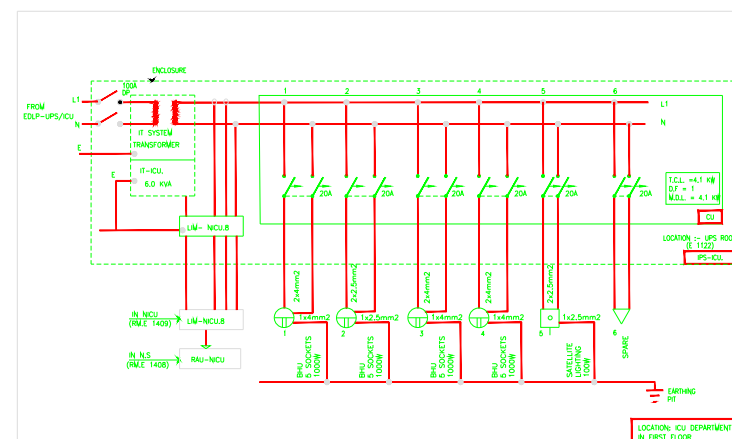
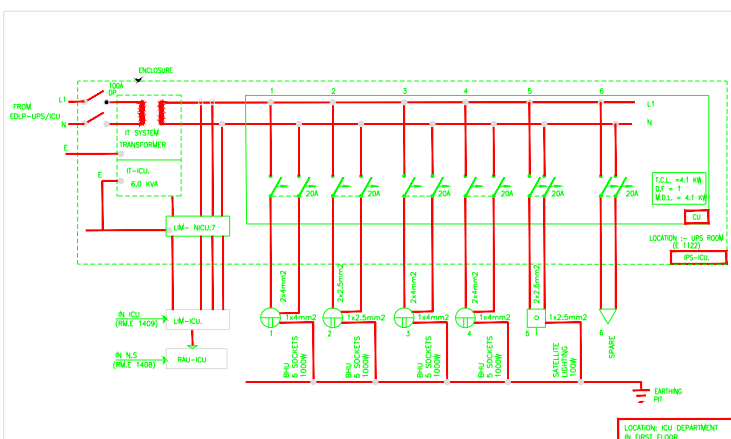
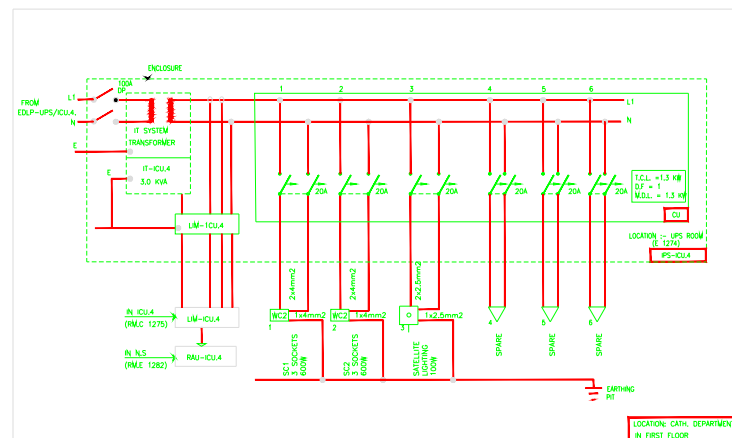
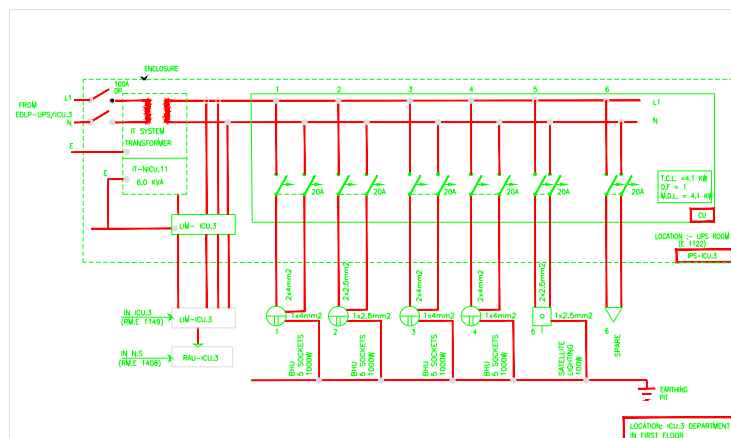
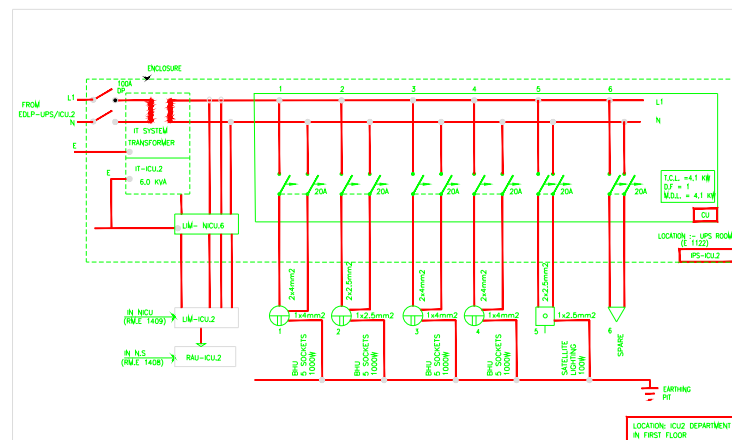
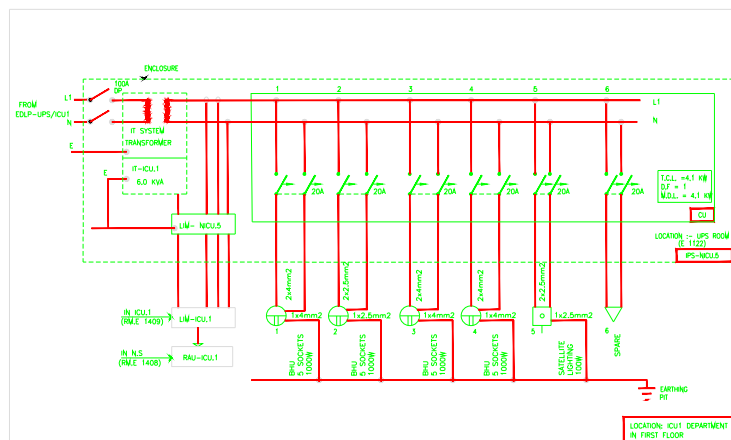
(GROUNDING & BONDING /
LIGHTNING PROTECTION SYSTEM)

SYMBOL	DESCRIPTION
	25x3mm BARE COPPER TAPE (PVC SHEATHED FOR DOWN CONDUCTORS)
	EARTHING INSPECTION PIT (30x30cm)
	BONDING CLAMP TO COPPER TAPE, METALLIC EQUIPMENTS OR REINFORCEMENT STEEL
	SOLID COPPER ROD MIN L=1200mm, DIAMETER=16mm.
	1 METER STAINLESS STEEL POLE ABOVE ROOF PARAPET FOR ESE OF PROTECTION RADIUS 107M FOR LEVEL III LIGHTNING PROTECTION

United Nations Development Programme (UNDP)

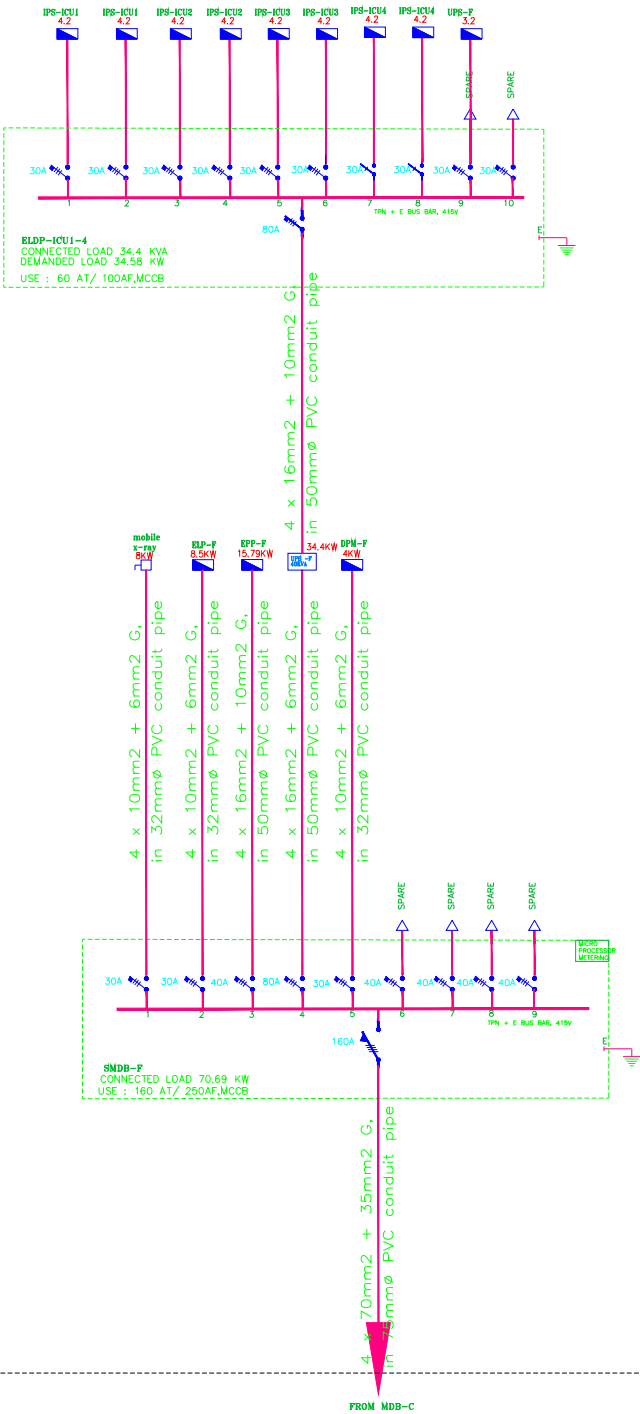


Project:	UNDP Villa		
Location:	in front of UNCAF, Haddah area, Sana'a , Yemen		
Drawing Title:	LIGHTNING PROTECTION GROUND FLOOR		
Date	15. April.2020	Drawing Type	Electrical
Paper Size	A3	Drawing No.	6



DISTRIBUTION PANEL BOARD													
BUILDING:		VILLA OF UNICEF		LOCATION:		FIRST FLOOR		PANEL REF:		ELP-F			
VOLTAGE & FREQ: THREE PHASE 415/230V ,50Hz						CABLE SIZE		4 x 10mm ² + 6mm ² G, in 32mm ² PVC conduit pipe					
Designation Load	Wire size mm ²	Phase Load In W			Trip Rating			Phase Load In W			Wire size mm ²	Designation Load	
		R	Y	B	C NO	T (A)	R	Y	B	T (A)			
Lighting 4LED3	3x2.5	432			1	10	6	2	324		3x2.5	Lighting 3LED3	
Lighting 3LED3	3x2.5		324		3	6	6	4		288	3x2.5	Lighting 4LED1	
Lighting 3LED3	3x1.5			324	5	6	6	6			260	3x1.5	Lighting 3LED3
Lighting 8LED2	3x1.5	576			7	10	6	8		326		3x1.5	Lighting 2LED2,2LED4
Lighting 4FL5	3x1.5		430		9	6	10	10		1080		3x2.5	6 Sockets 13A
4 Sockets 13A	3x2.5			900	11	10	10	12		1080		3x2.5	6 Sockets 13A
4 Sockets 13A	3x2.5	720			17	10	10	14		720		3x2.5	4 Sockets 13A
5 Sockets 13A	3x2.5		720		15	6	6	16				3x1.5	
	3x1.5				17	6	10	18				3x2.5	
	3x2.5				19	10	10	20				3x2.5	
	3x2.5				21	10	15	22				3x4	
	3x1.5				23	6	6	24				3x1.5	
	3x1.5				25	6	6	26				3x1.5	
	3x1.5				27	6	6	28				3x1.5	
					29	10	10	30					
					31	10	10	32					
SP CONTACTOR 6-25A TP CONTACTOR 30A,TP,MCB													
						Lighting		Socket		MISC		TOTAL	
						Connected W		R 3098					
								Y 2842					
								B 2564					
						TOTAL		8504					
						DEM FACT		1					
						Connected KW		8.5				8.5	

GROUND FLOOR



BASEMENT FLOOR



United Nations Development Programme (UNDP)



Project: UNDP Villa

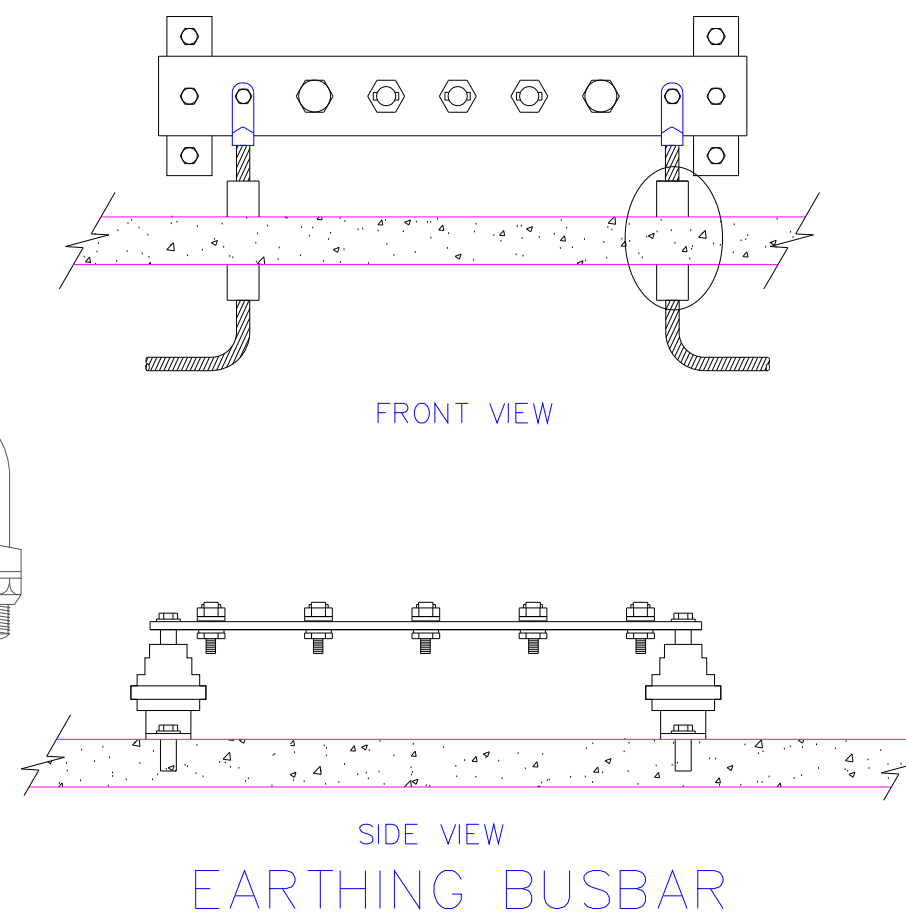
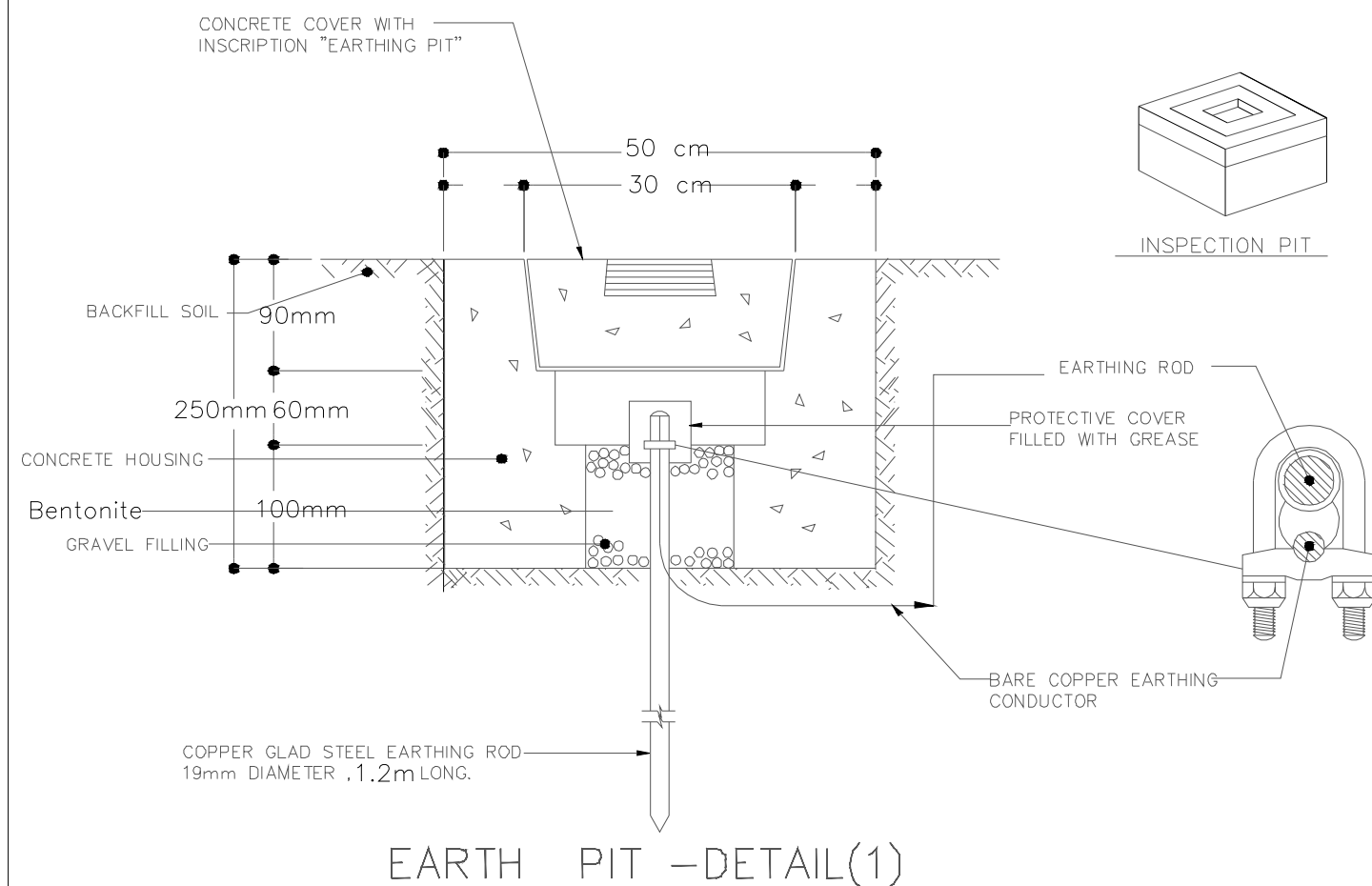
Location: in front of UNCAF, Haddah area,
Sana'a , Yemen



Drawing Title: SLD GROUND FLOOR

Date 15. April.2020 Drawing Type ELECTRICAL

Paper Size A3 Drawing No. 9



United Nations Development Programme (UNDP)



Project: UNDP Villa

Location: in front of UNCAF, Haddah area,
Sana'a , Yemen



Drawing Title: DETAILS OF GROUNDING

Date: 15. April.2020 Drawing Type: ELECTRICAL

Paper Size: A3 Drawing No. 10