



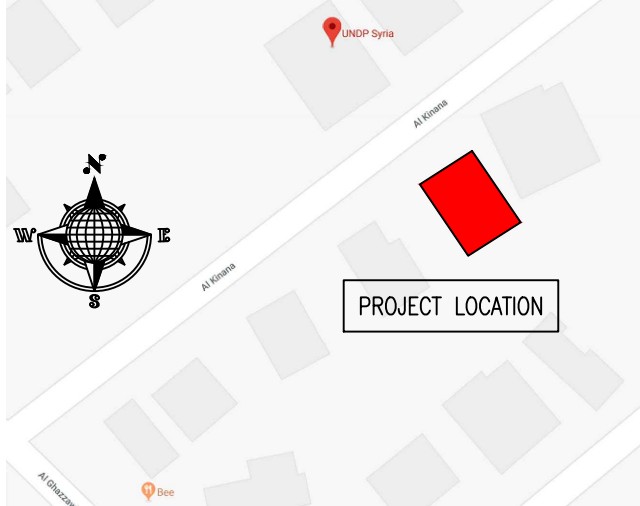
UN  
DP

REHABILITATION OF THE UNDP PREMISES ON THE ROOF FLOOR



LIST OF DRAWINGS					
SN	DRAWING NO	DRAWING TITLE	SCALE	DATE	REMARKS
1	–	COVER PAGE	–	–	
2	A-000	LIST OF DRAWINGS	N.T.S @ A2	JAN-2019	
3	A-100	ROOF PLAN LAYOUT – AS-BUILT	1:50 @ A2	JAN-2019	
4	A-101	ROOF FLOOR PLAN – DEMOLITION/EXTENDING WORK	1:50 @ A2	JAN-2019	
5	A-102	ROOF FLOOR PLAN – FURNITURE LAYOUT	1:50 @ A2	JAN-2019	
6	A-103	ROOF FLOOR PLAN – 3D PERSPECTIVES	N.T.S @ A2	JAN-2019	
7	A-104	ROOF FLOOR PLAN – DIMENSION LAYOUT	1:50 @ A2	JAN-2019	
8	A-105	ROOF FLOOR PLAN – FALSE CEILING LAYOUT	1:50 @ A2	JAN-2019	
9	A-106	ROOF FLOOR PLAN – FLOORING LAYOUT	1:50 @ A2	JAN-2019	
10	A-107	TOP ROOF FLOOR PLAN – PROPOSED LAYOUT	1:50 @ A2	JAN-2019	
11	ST-100	EMERGENCY EXIT STAIRCASE PLANS, ELEVATION & DETAILS	1:50 @ A2	JAN-2019	
12	ST-101	EMERGENCY EXIT STAIRCASE SECTIONS & LANDINGS DETAILS	1:25 @ A2	JAN-2019	
13	ST-102	EMERGENCY EXIT STAIRCASE – 3D PERSPECTIVES	N.T.S @ A2	JAN-2019	
14	SE-100	ROOF FLOOR PLAN – SECURITY MEASURES LAYOUT	1:50 @ A2	JAN-2019	
15	SE-101	SECURITY MEASURES – DETAILS-01	1:25 @ A2	JAN-2019	
16	SE-102	SECURITY MEASURES – DETAILS-02	1:25 @ A2	JAN-2019	
17	SE-103	SECURITY MEASURES – DETAILS-3	1:25 @ A2	JAN-2019	
18	SE-104	SECURITY MEASURES – DETAILS-4	1:25 @ A2	JAN-2019	
19	SE-105	SECURITY MEASURES – DETAILS-5	1:25 @ A2	JAN-2019	
20	FA-100	ROOF FLOOR PLAN – FIRE ALARM SYSTEM LAYOUT	1:50 @ A2	JAN-2019	
21	E-100	ROOF FLOOR PLAN – LIGHTING LAYOUT	1:50 @ A2	JAN-2019	
22	E-101	ROOF FLOOR PLAN – POWER LAYOUT	1:50 @ A2	JAN-2019	
23	E-102	ROOF FLOOR PLAN – DATA/VOICE SYSTEM LAYOUT	1:50 @ A2	JAN-2019	
24	E-103	ROOF FLOOR PLAN – CABLE TRAYS LAYOUT	1:50 @ A2	JAN-2019	
25	E-104	SCHEMATIC OF DATA/TEL SYSTEM	N.T.S @ A2	JAN-2019	
26	E-105	ELECTRICAL LOAD SCHEDULE	N.T.S @ A2	JAN-2019	
27	M-100	ROOF FLOOR PLAN – PLUMBING LAYOUT	1:50 @ A2	JAN-2019	
28	M-101	ROOF FLOOR PLAN – HVAC LAYOUT	1:50 @ A2	JAN-2019	

KEY PLAN :



NOTES :

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CLIENT :



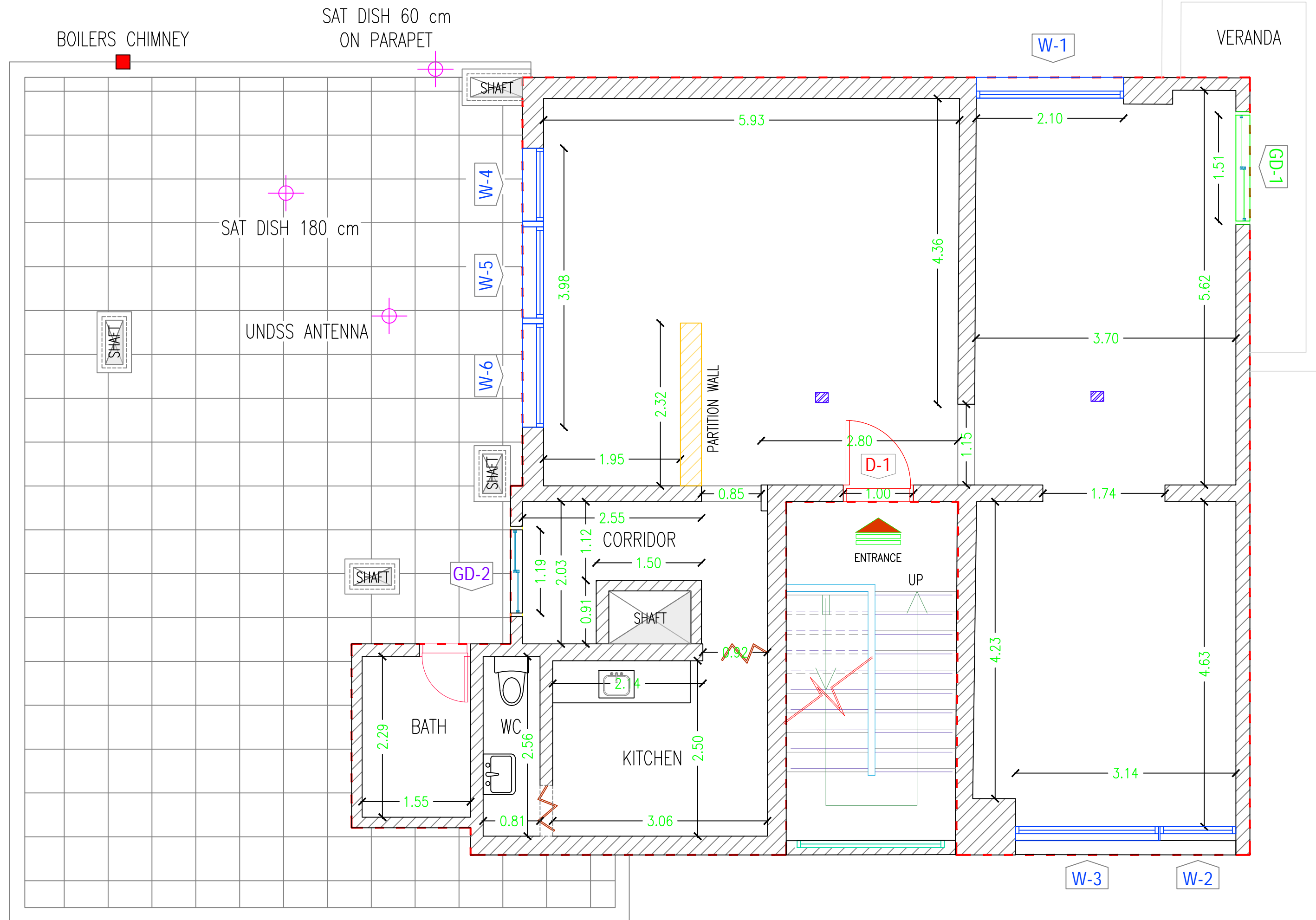
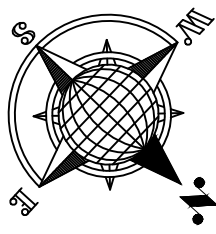
PROJECT NAME :

REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

DRAWING TITLE :

LIST OF DRAWINGS

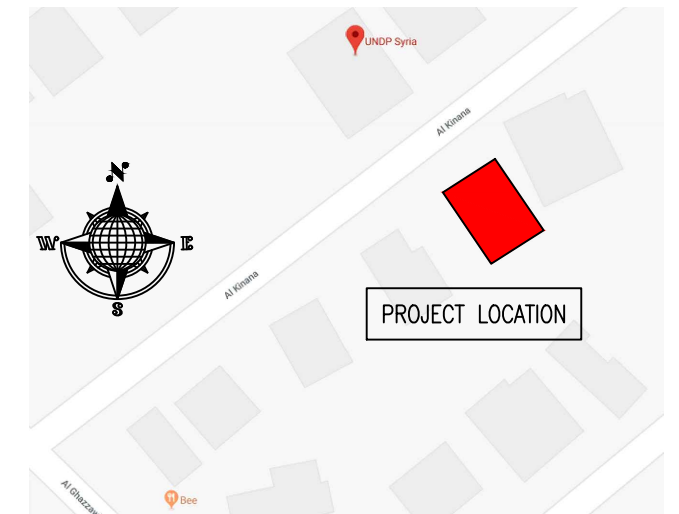
DESIGNED BY:	A.H.	DRAWING NO. :	A-000
APPROVED BY:	A.A.R.	SCALE :	N.T.S
DATE:	JAN-2019	REV NO. :	01



- EXISTING MASONRY WALL  
EXISTING PARTITION WALL - TO BE DEMOLISHED

ARCHITECTURAL  
ROOF FLOOR PLAN - AS-BUILT DRAWING

KEY PLAN :



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CLIENT :



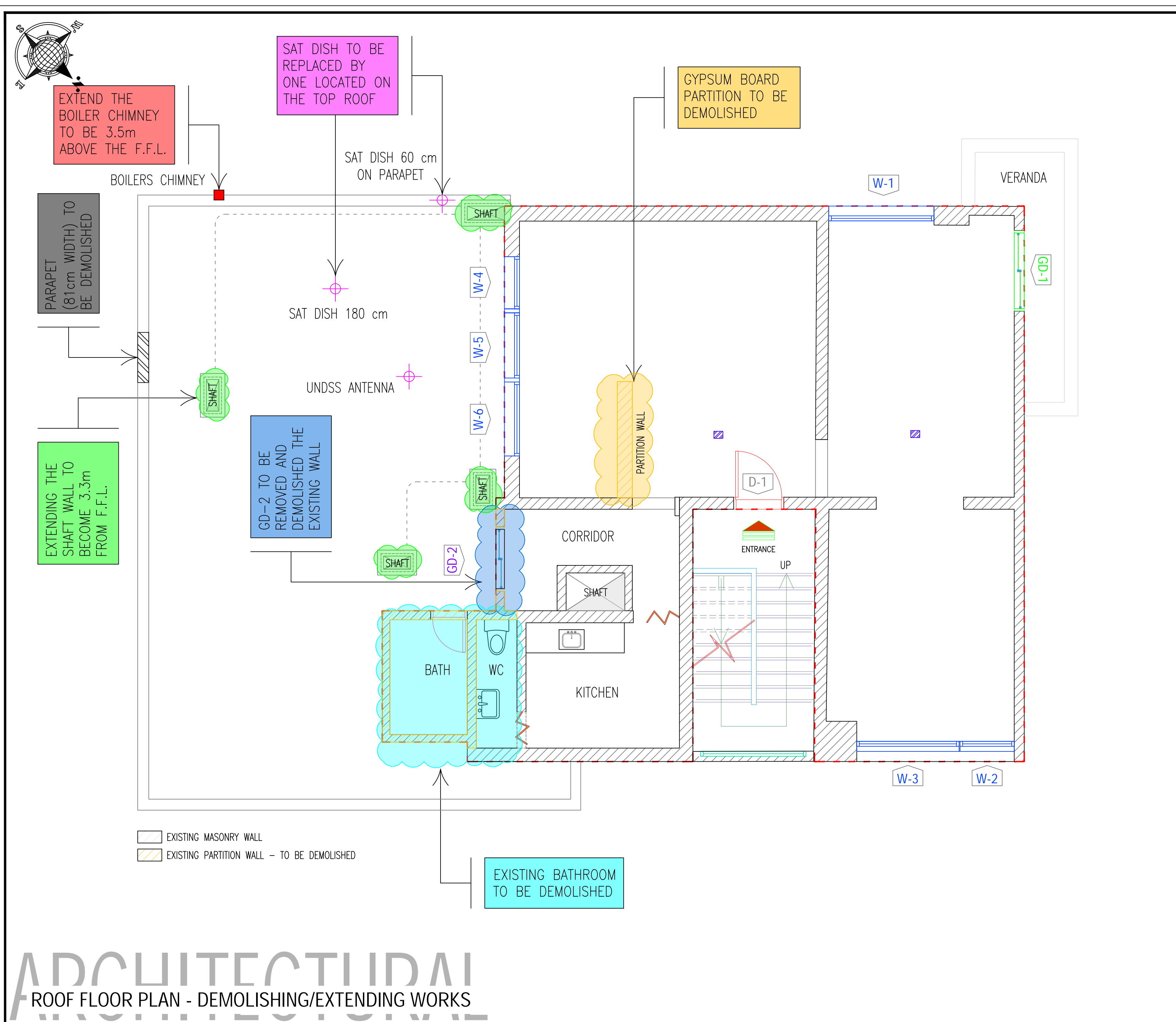
PROJECT NAME :

REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

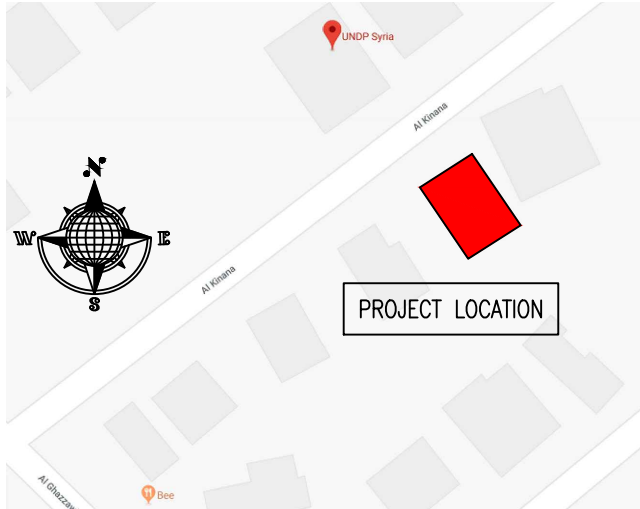
DRAWING TITLE :

ROOF PLAN LAYOUT - AS-BUILT

DESIGNED BY:	A.H.	DRAWING NO. :	A-100
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	JAN-2019	REV NO. :	01



KEY PLAN :



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PROJECT NAME :

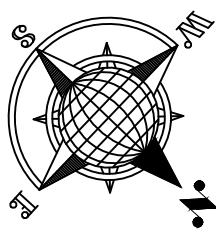
REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

DRAWING TITLE :

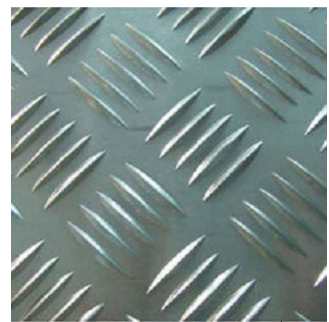
ROOF FLOOR PLAN  
DEMOLITION/EXTENDING WORK

DESIGNED BY:	A.H.	DRAWING NO. :	A-101
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	JAN-2019	REV NO. :	01

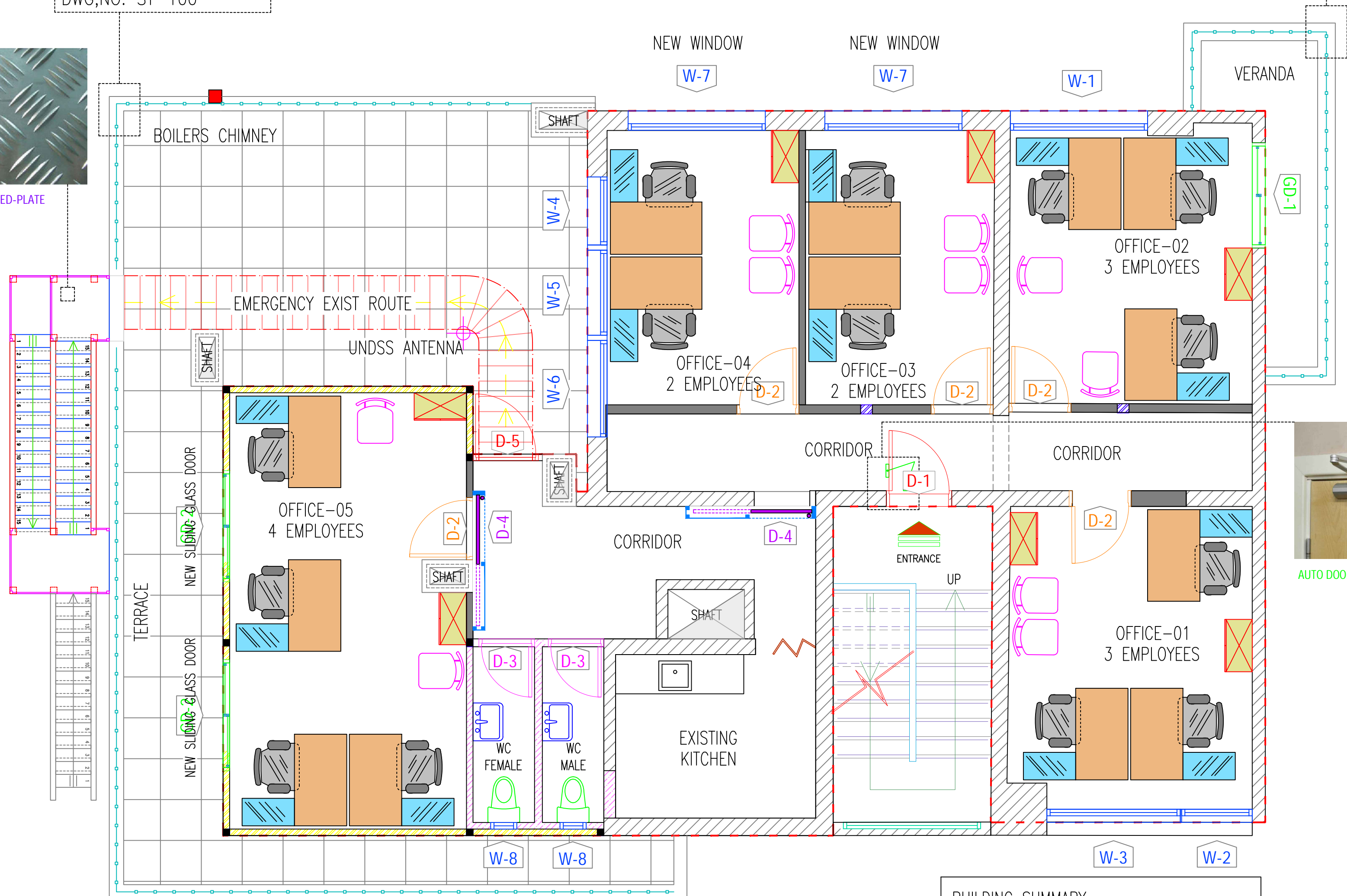




PARAPET ROOF RAILINGS  
APPROX. LENGTH = 36m  
FOR MORE DETAILS  
REFER TO  
DWG,NO. ST-100



CHECKERED-PLATE



- EXISTING MASONRY WALL
- NEW GYPSUM BOARD PARTITION 10 cm THICKNESS - FOR OFFICES
- NEW CEMENT BOARD PARTITION 10 cm THICKNESS - FOR WC WALLS
- NEW SANDWICH PANEL 10 cm THICKNESS WITH ADDITIONAL INTERNAL GYPSUM BOARD LAYER - FOR EXTERNAL WALLS

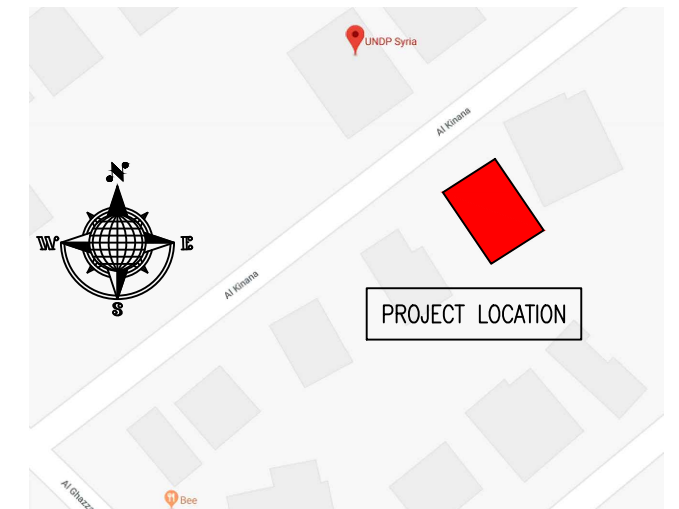
#### BUILDING SUMMARY

OFFICE QTY : 5

STAFF : 14 EMPLOYEES

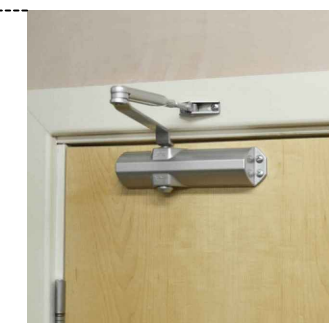
TOTAL GROSS FLOOR AREA = 138.16 m<sup>2</sup>

#### KEY PLAN :



#### NOTES :

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AUTO DOOR CLOSER

#### CLIENT :



#### PROJECT NAME :

REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

#### DRAWING TITLE :

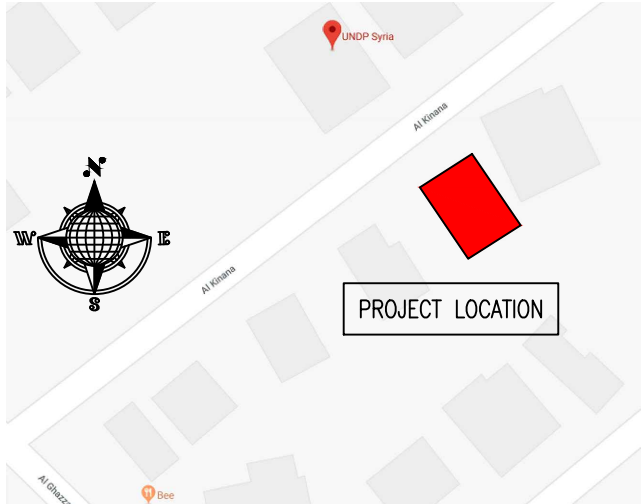
ROOF FLOOR PLAN  
FURNITURE LAYOUT

DESIGNED BY:	A.H.	DRAWING NO. :	A-102
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	JAN-2019	REV NO. :	01





KEY PLAN :



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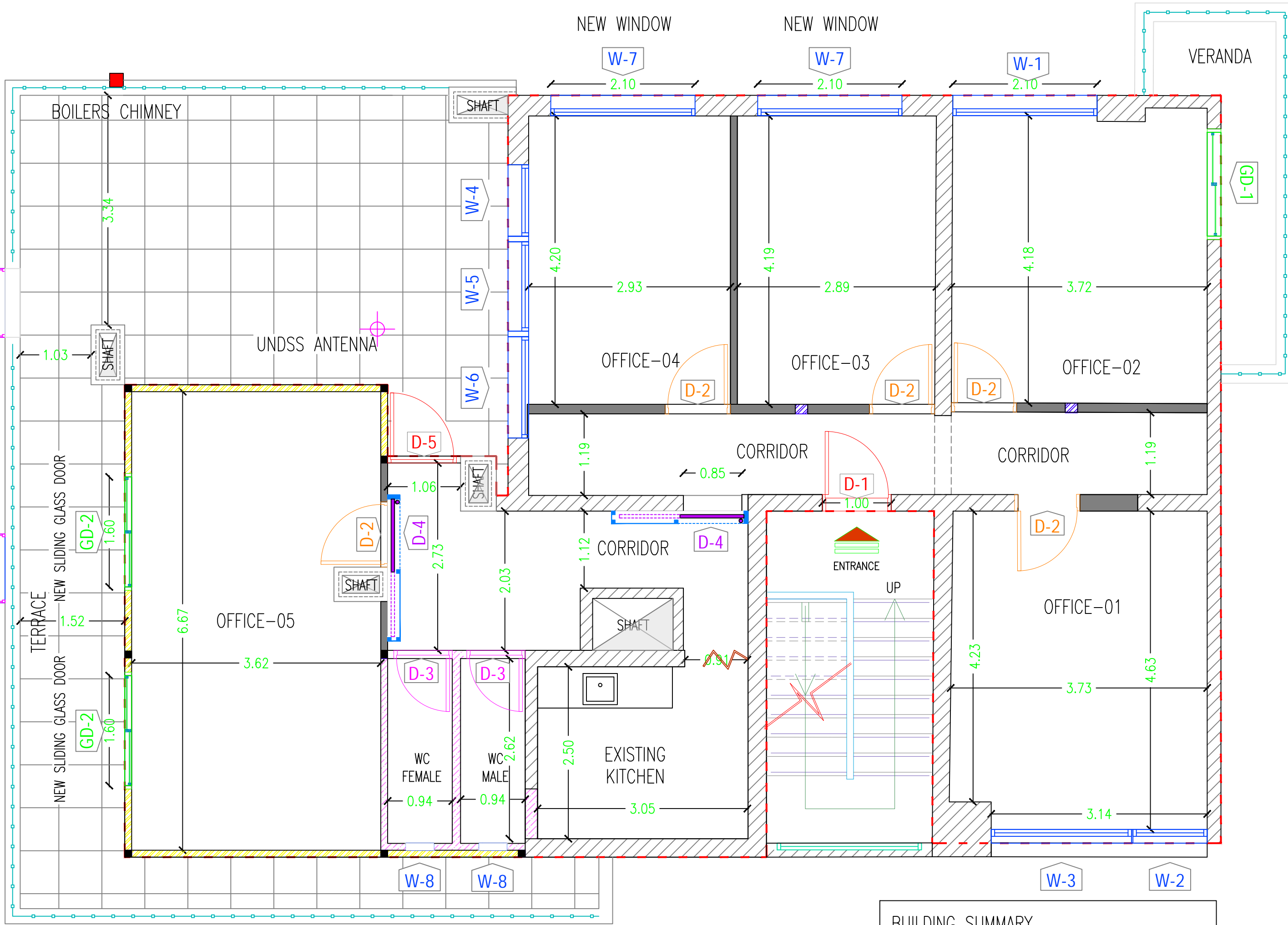
REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

DRAWING TITLE :

ROOF FLOOR PLAN  
3D PERSPECTIVES

DESIGNED BY:	A.H.	DRAWING NO. :	A-103
APPROVED BY:	A.A.R.	SCALE :	N.T.S
DATE:	JAN-2019	REV NO. :	01





- |  |
|--|
| BUILDING SUMMARY                               |
| OFFICE QTY : 5                                 |
| STAFF : 14 EMPLOYEES                           |
| TOTAL GROSS FLOOR AREA = 138.16 m <sup>2</sup> |

The map shows the study area in Aleppo, Syria. A red rectangle indicates the project location. The map includes a compass rose and a scale bar. The project location is situated near the Aleppo University (UNDP Syria) and the Aleppo University (UNDP Syria).

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UNITED  
NATIONS  
DEVELOPMENT  
PROGRAMME

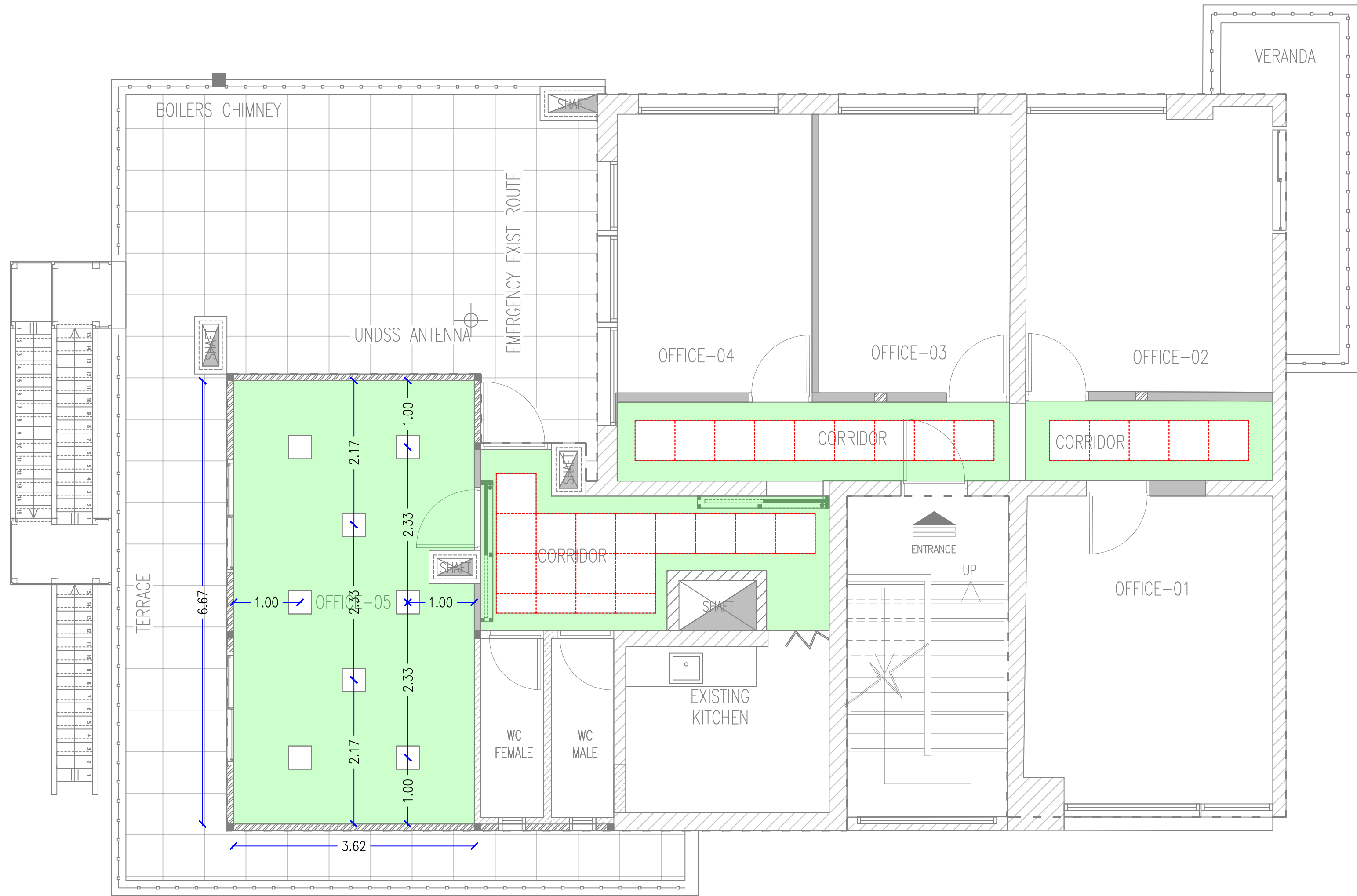
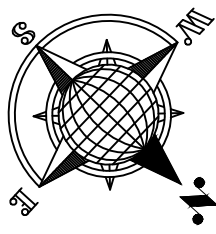
## REHABILITATION OF THE UNDP PREMISES ON THE ROOF FLOOR

## ROOF FLOOR PLAN DIMENSION LAYOUT

DESIGNED BY:	A.H.	DRAWING NO. :	A-104
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	JAN-2019	REV NO. :	01

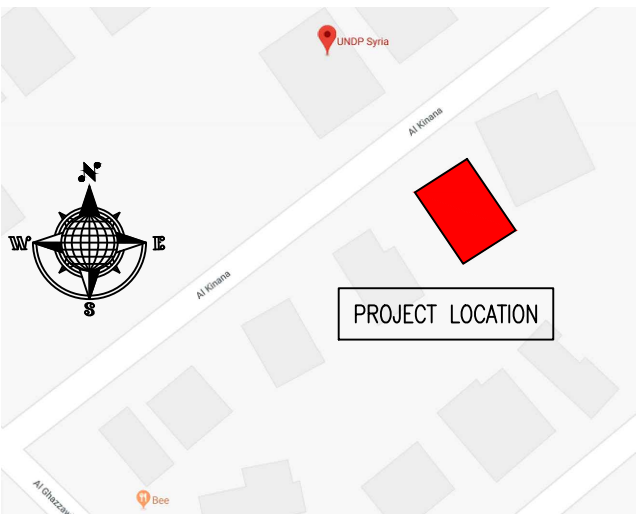
# ARCHITECTURAL

ROOF FLOOR PLAN - PROPOSED LAYOUT DIMENSIONS



- GYPSUM BOARD FALSE CEILING, PLAIN PANELS
- GYPSUM BOARD TILES 60x60cm

KEY PLAN :



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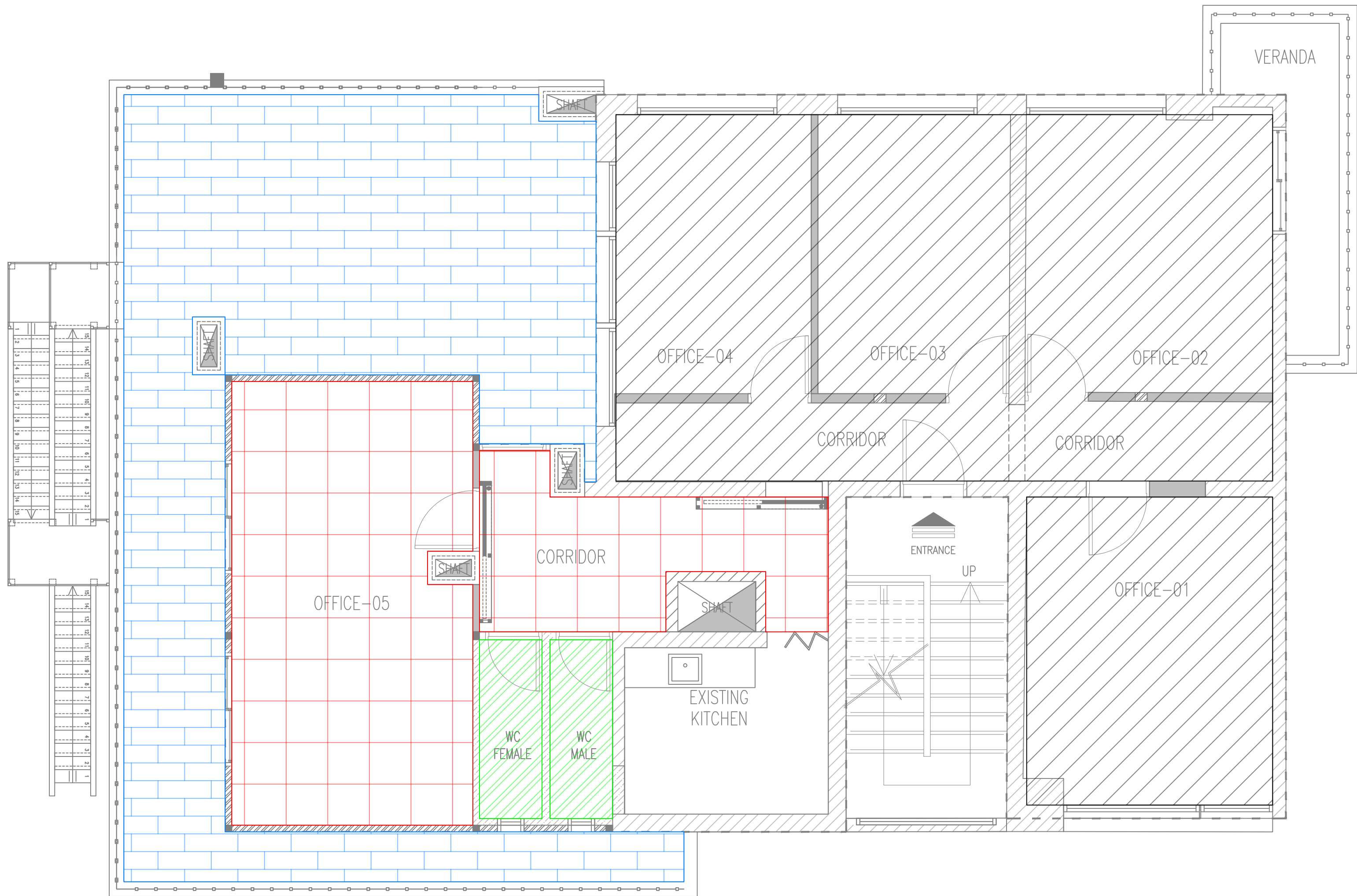
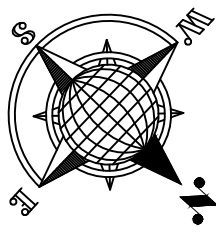
REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

DRAWING TITLE :

ROOF FLOOR PLAN  
FALSE CEILING LAYOUT

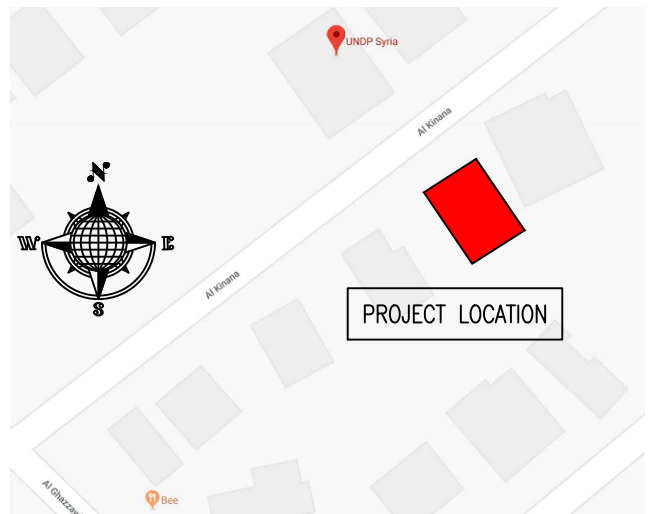
DESIGNED BY:	A.H.	DRAWING NO. :	A-105
APPROVED BY:	A.A.R.	SCALE :	1:50
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- ARTIFICIAL GRANITE 60x60 cm FOR ROOF OUTSIDE AREA, SLOPED TO THE STORM WATER FLOOR DRAIN, APPROXIMATE. AREA = 48 m<sup>2</sup>
- ARTIFICIAL GRANITE 60x60 cm FOR FLOOR SIMILAR TO THE EXISTING, FOR CORRIDOR AND OFFICE-05. APPROXIMATE AREA = 34 m<sup>2</sup>
- CERAMIC FLOOR TILES, SPECIFIED DIMENSION AS THE APPROVED SAMPLES PROVIDED BY THE CONTRACTOR. APPROXIMATE ARE = 5 m<sup>2</sup>
- EXISTING FLOORING AREA, REMAINS AS IT IS, UNLESS MAINTENANCE IS REQUIRED.

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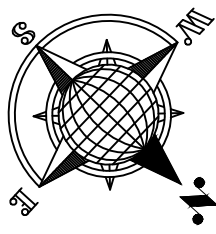
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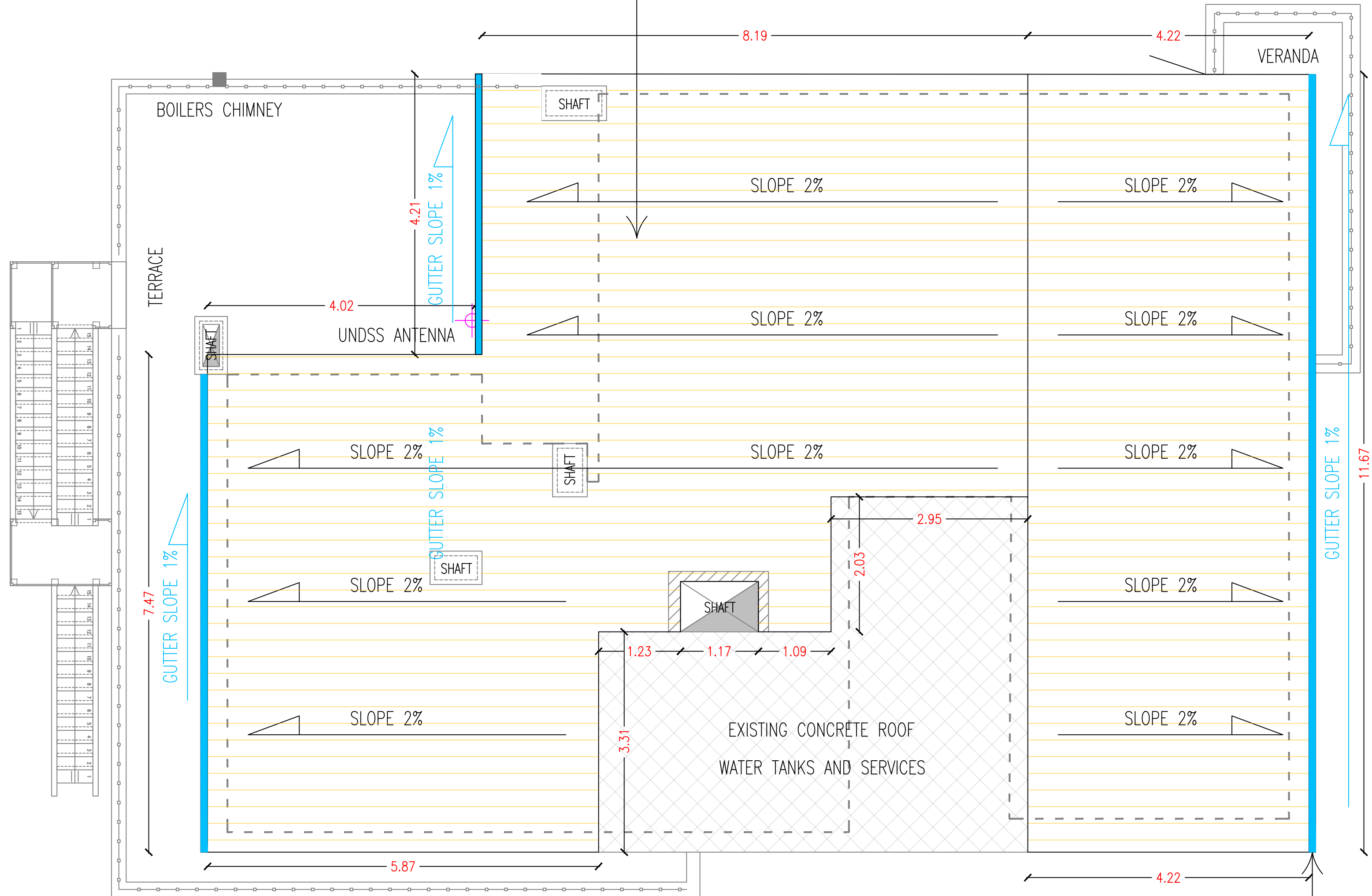
DRAWING TITLE :

ROOF FLOOR PLAN  
FLOORING LAYOUT

DESIGNED BY:	A.H.	DRAWING NO. :	A-106
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	JAN-2019	REV NO. :	01



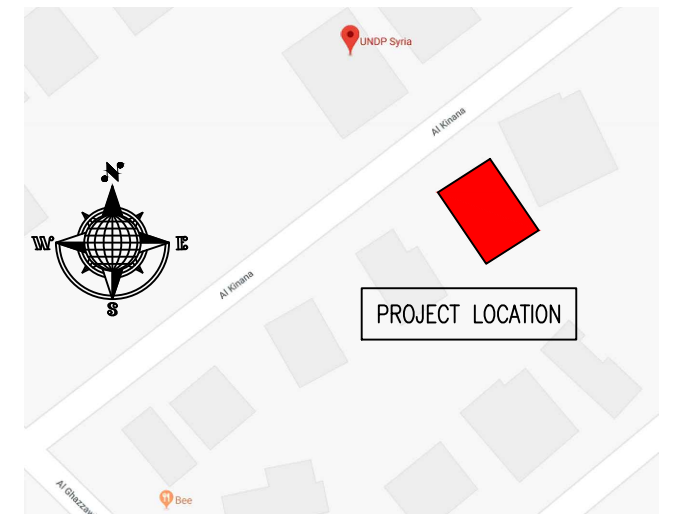
SANDWICH PANEL  
10 CM THICKNESS  
TOP LAYER : GALVANIZED CORRUGATED SHEET @0.6mm  
INSULATION : PUF 40 kg/m<sup>3</sup> "POLYURETHANE FOAM" @10cm  
BOTTOM LAYER : COATED STEEL SHEET @0.3mm



NOTE:  
THE SANDWICH PANEL ROOF SHALL BE OFFSET  
FROM THE BUILDING BOUNDARY WITH 30cm

STORM WATER GUTTER  
G.I METAL SHEET @2mm THICKNESS  
SLOPE : 1 %  
WIDTH : 10cm  
MIN. DEPTH : 10cm

KEY PLAN :



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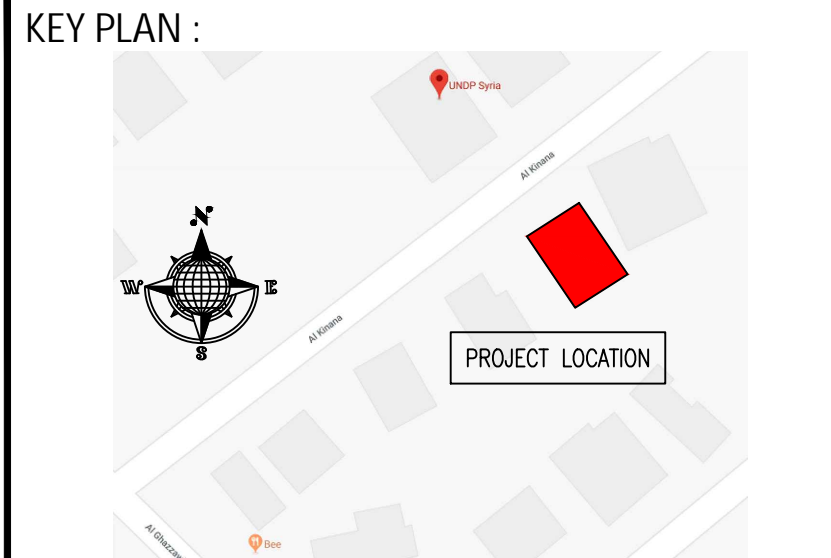
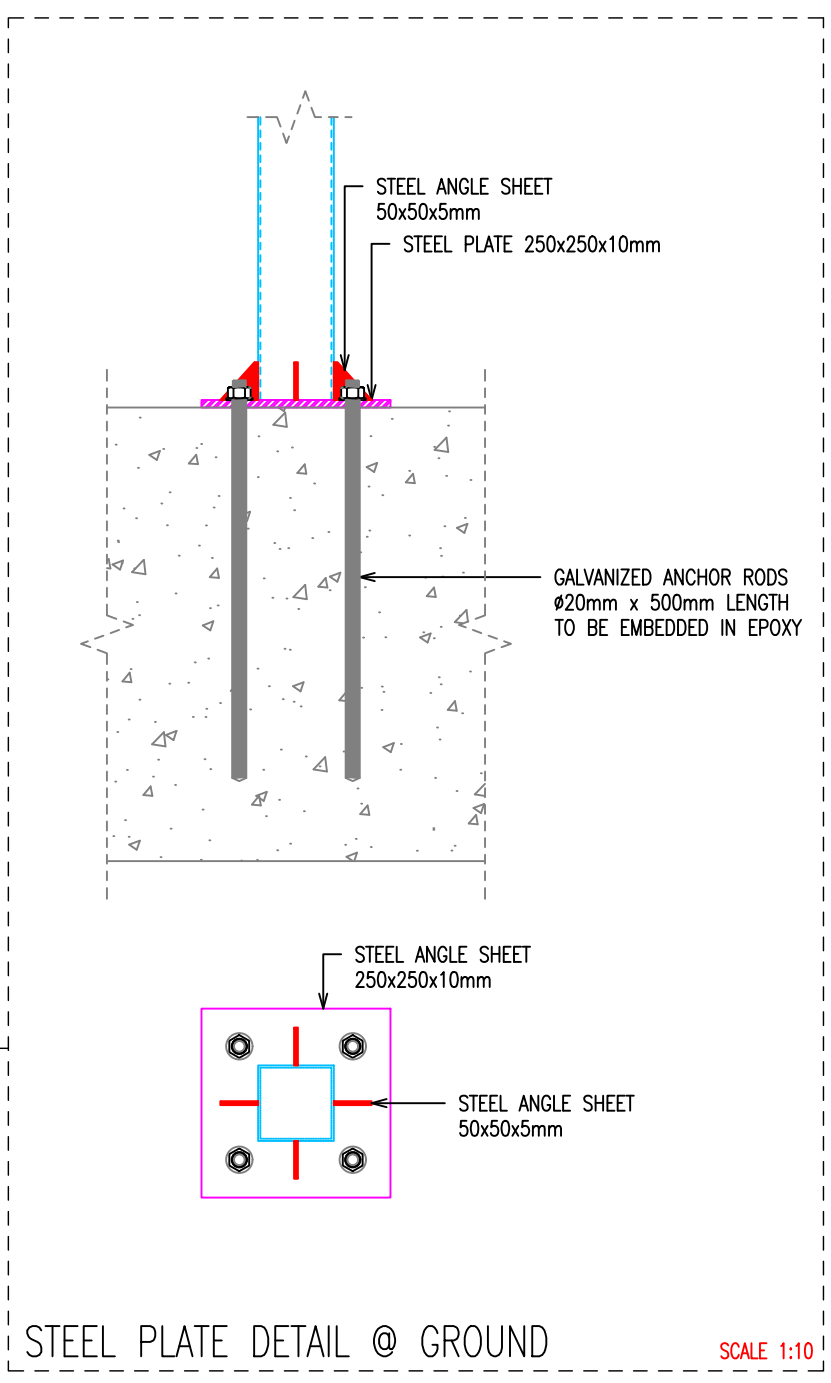
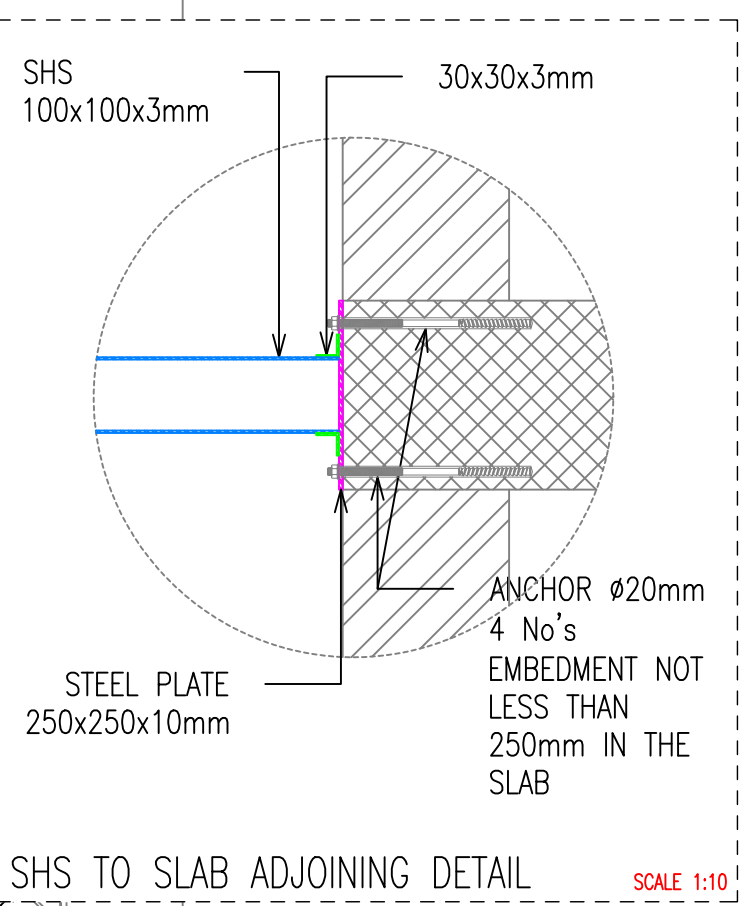
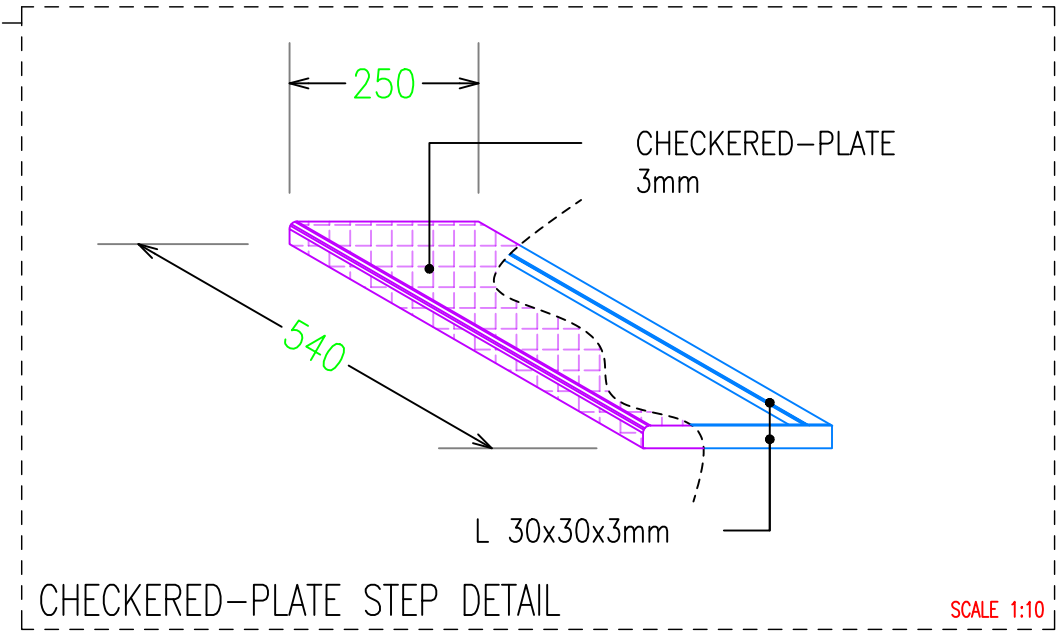
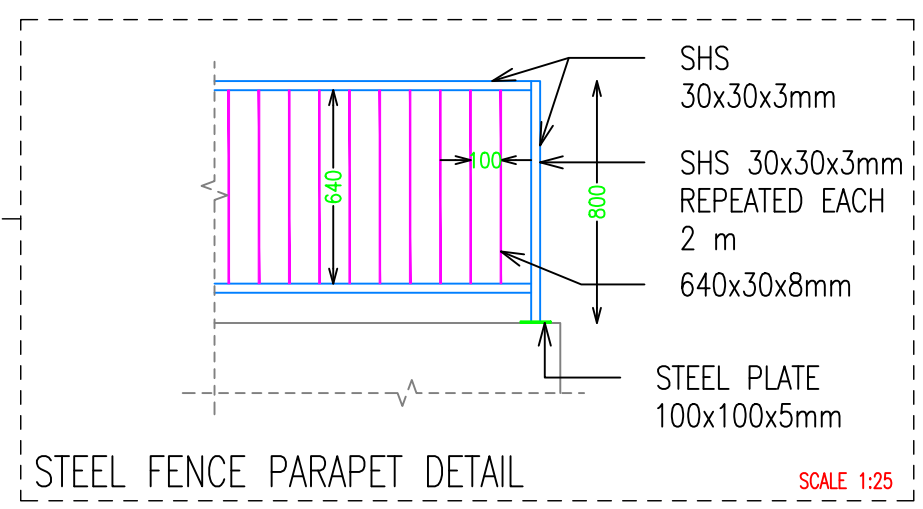
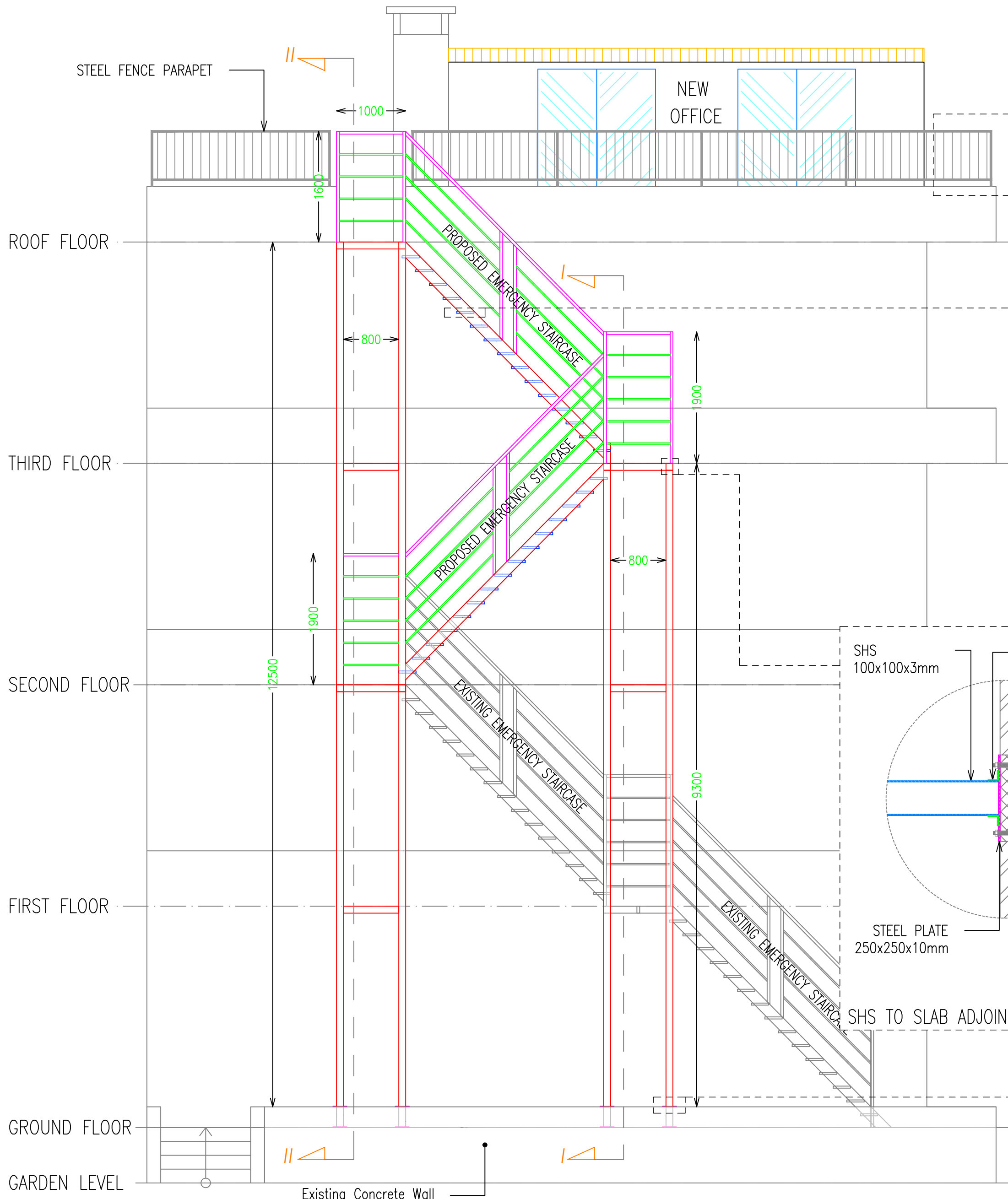
DRAWING TITLE :

TOP ROOF FLOOR PLAN  
PROPOSED LAYOUT

DESIGNED BY:	A.H.	DRAWING NO. :	A-107
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	JAN-2019	REV NO. :	01

ARCHITECTURAL  
TOP ROOF FLOOR PLAN - PROPOSED LAYOUT





- NOTES :
1. WHERE DOCUMENTS ARE REFERENCED IN THE GENERAL AND DESIGN NOTES, THEY SHALL BE THE LATEST EDITIONS, UNLESS OTHERWISE NOTED OR SHOWN.
  2. READ ALL THE DRAWINGS IN CONJUNCTION WITH SEPARATELY BOUND SPECIFICATIONS AND ALL OTHER CONTRACT DOCUMENTS.
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  6. DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
  7. DO NOT SCALE DRAWINGS.
  8. THE CONTRACTOR SHALL PROPOSE A FULL METHODOLOGY FOR EXECUTING THE WORK.

CLIENT :

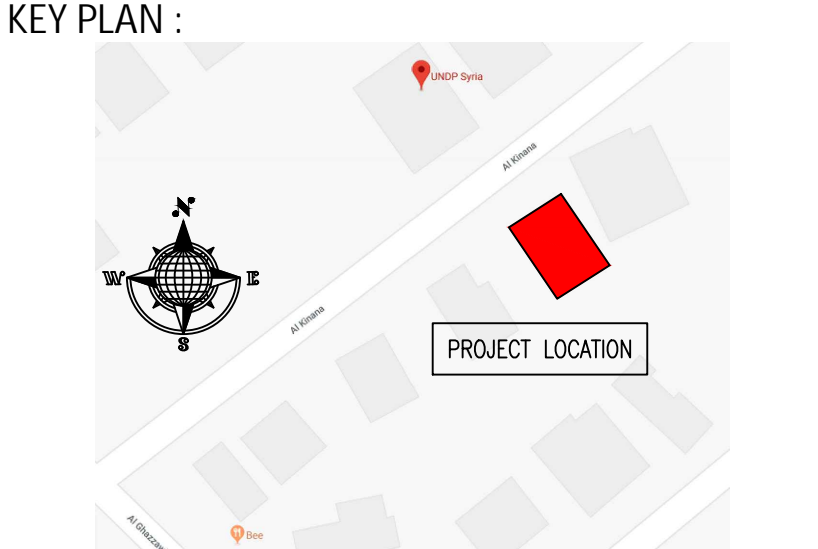
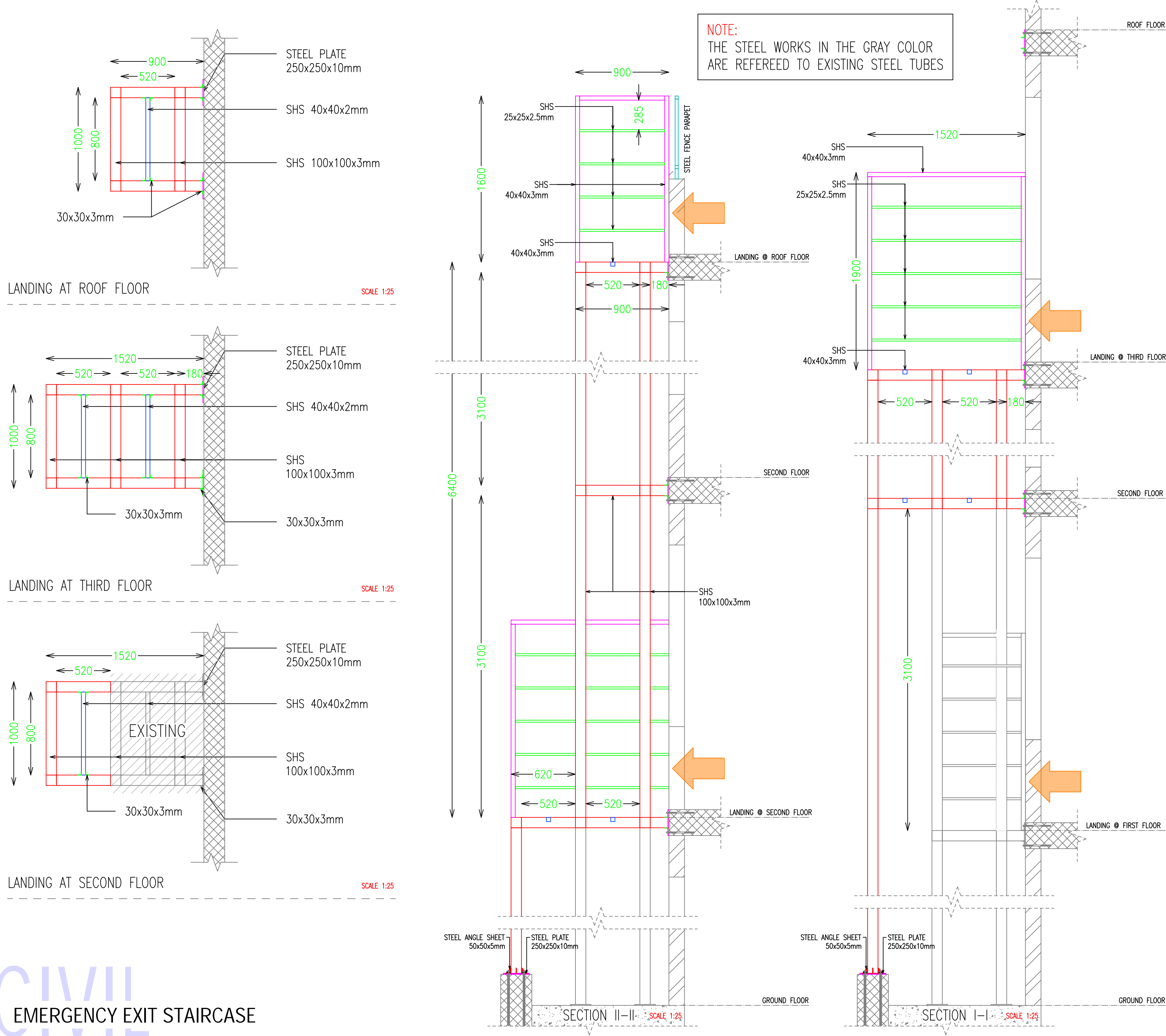


UNITED NATIONS  
DEVELOPMENT PROGRAMME

PROJECT NAME :  
REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

DRAWING TITLE :  
EMERGENCY EXIT STAIRCASE  
PLANS, ELEVATION & DETAILS

DESIGNED BY:	A.H.	DRAWING NO. :	ST-100
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	JAN-2019	REV NO. :	01



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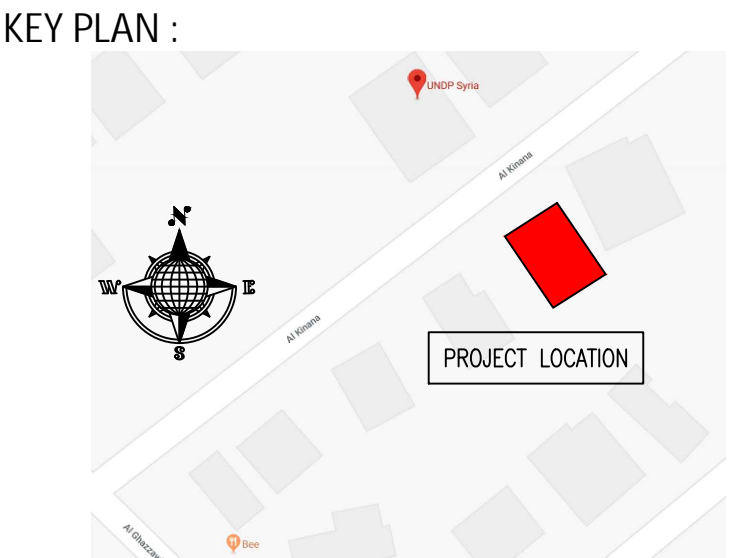
UNITED NATIONS DEVELOPMENT PROGRAMME

PROJECT NAME :  
REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

DRAWING TITLE :  
EMERGENCY EXIT STAIRCASE  
SECTIONS & LANDINGS DETAILS

DESIGNED BY:	A.H.	DRAWING NO. :	ST-101
APPROVED BY:	A.A.R.	SCALE :	1:25
DATE:	JAN-2019	REV NO. :	01





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CLIENT :



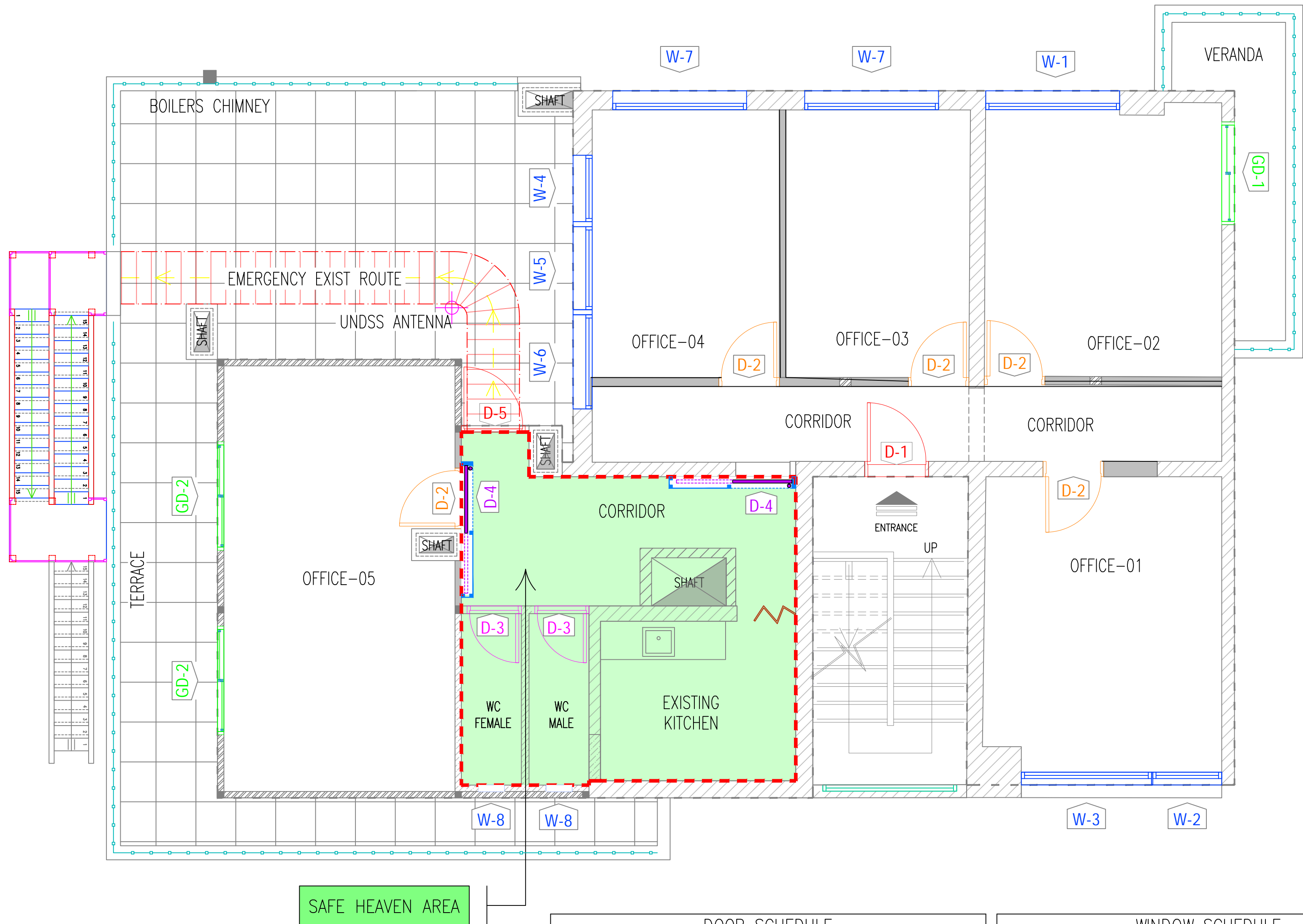
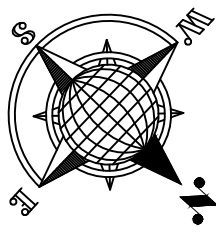
UNITED  
NATIONS  
DEVELOPMENT  
PROGRAMME

PROJECT NAME :  
REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

DRAWING TITLE :  
EMERGENCY EXIT STAIRCASE  
3D PERSPECTIVES

DESIGNED BY:	A.H.	DRAWING NO. :	ST-102
APPROVED BY:	A.A.R.	SCALE :	N.T.S
DATE:	JAN-2019	REV NO. :	01



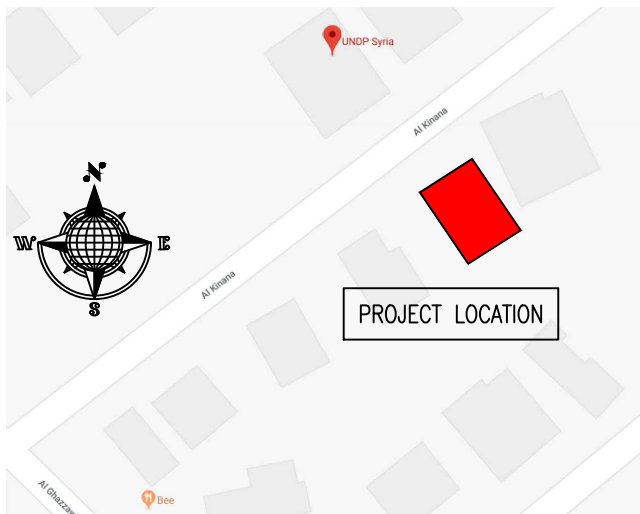


SAFE HEAVEN AREA

DOOR SCHEDULE				
REF.	TYPE	SIZE (mm)	DESCRIPTION	QTY
D-1	WOODEN REINFORCED WITH METAL	920x2,000	MAIN ENTRY DOOR	1
D-2	INTERIOR WOODEN DOOR	870x2,000	PLAIN WOODEN DOOR FOR OFFICES	5
D-3	WOODEN DOOR WITH GRILL	770x2,000	PLAIN WOODEN DOOR WITH GRILL 400x200mm FOR WCs	2
D-4	SLIDING POCKET REINFORCED DOOR	1,060x2,200	SLIDING POCKET REINFORCED DOOR FOR SAFE HEAVEN	2
D-5	STEEL DOOR	920x2,000	EMERGENCY EXIT DOOR	1
GD-1	SLIDING DOUBLE LEAF ALUMINUM GLASS DOOR	1,510x2,350	EXISTING GLASS DOOR	1
GD-2	SLIDING DOUBLE LEAF ALUMINUM GLASS DOOR	1,600x2,350	NEW GLASS DOOR	2

WINDOW SCHEDULE				
REF.	TYPE	SIZE (mm)	DESCRIPTION	QTY
W-1	SLIDING DOUBLE LEAF/ALUM.	2,100x1,650	EXISTING WINDOW	1
W-2	SLIDING DOUBLE LEAF/ALUM.	1,080x1,071	EXISTING WINDOW	1
W-3	SLIDING DOUBLE LEAF/ALUM.	2,040x1,071	EXISTING WINDOW	1
W-4	SLIDING DOUBLE LEAF/ALUM.	1,040x1,500	EXISTING WINDOW	1
W-5	SLIDING DOUBLE LEAF/ALUM.	1,300x1,500	EXISTING WINDOW	1
W-6	SLIDING DOUBLE LEAF/ALUM.	1,475x1,500	EXISTING WINDOW	1
W-7	SLIDING DOUBLE LEAF/ALUM.	2,100x1,650	NEW WINDOW	2
W-8	AWNING WINDOW/ALUM.	400x400	NEW WINDOW	2

KEY PLAN :



NOTES :

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CLIENT :



PROJECT NAME :

REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

DRAWING TITLE :

ROOF FLOOR PLAN  
SECURITY MEASURES LAYOUT

DESIGNED BY: A.H.

DRAWING NO.: SE-100

APPROVED BY: A.A.R.

SCALE: 1:50

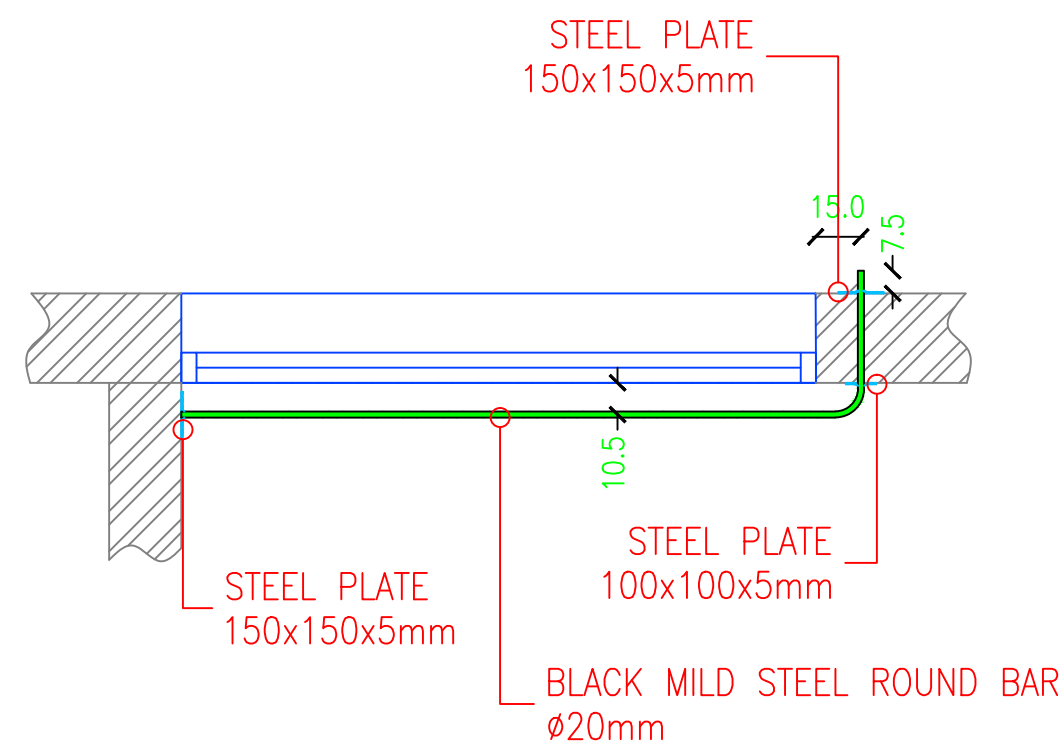
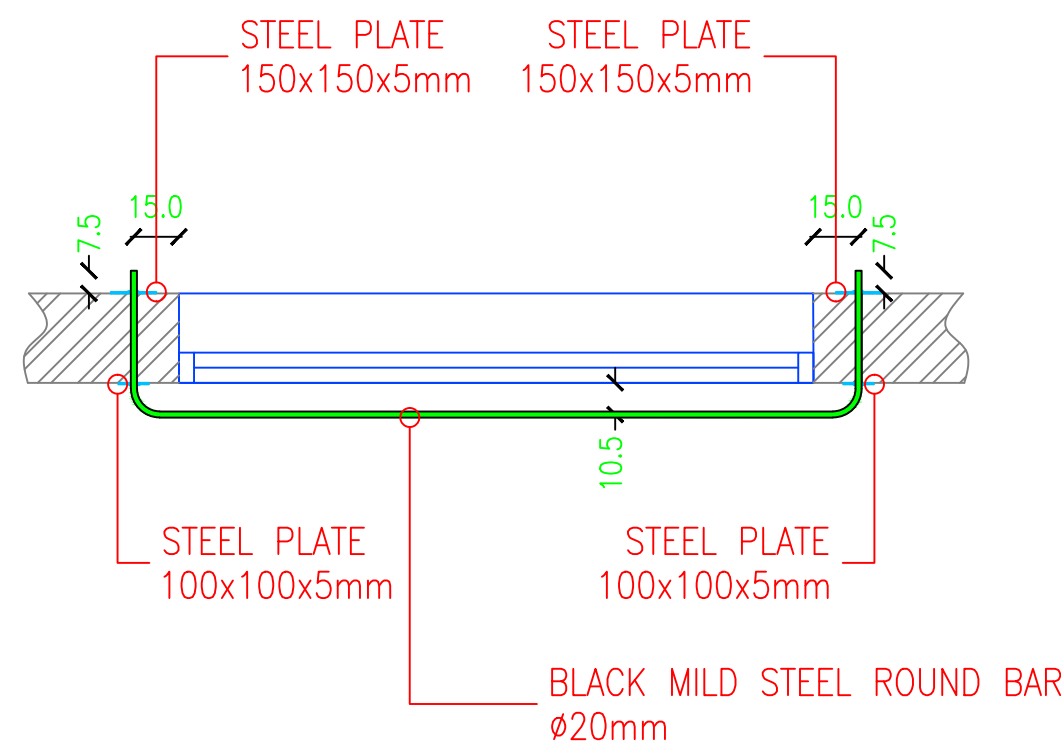
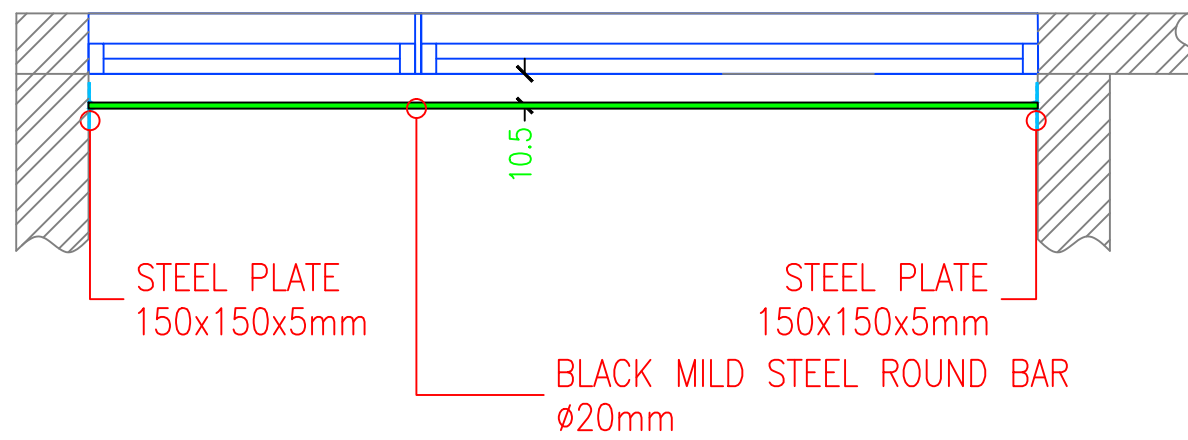
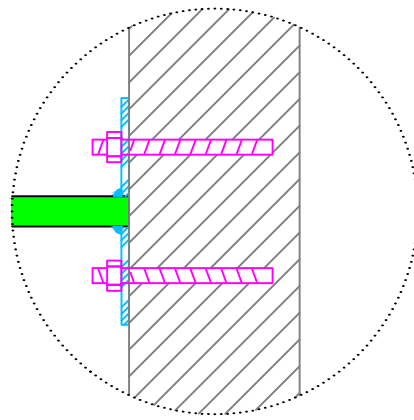
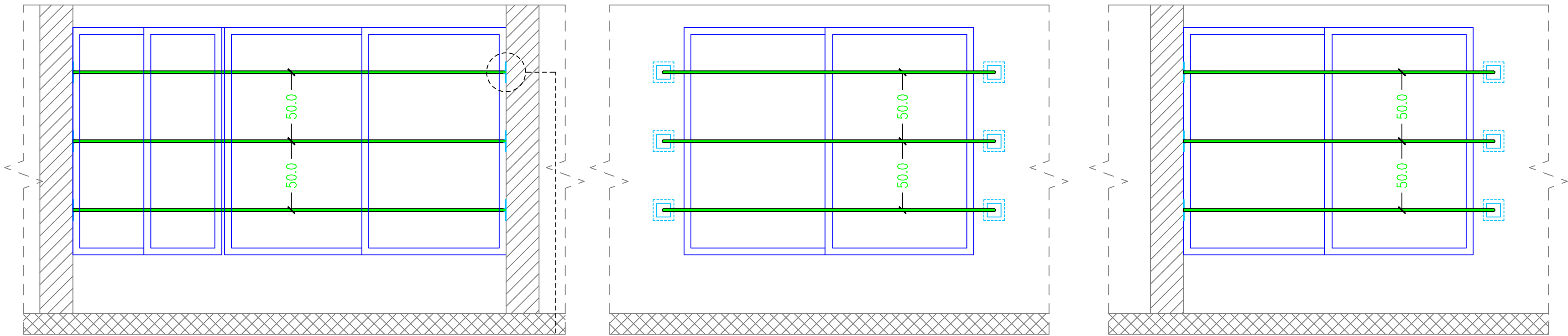
DATE: JAN-2019

REV NO.: 01

SECURITY MEASURES

ROOF FLOOR PLAN - PROPOSED LAYOUT



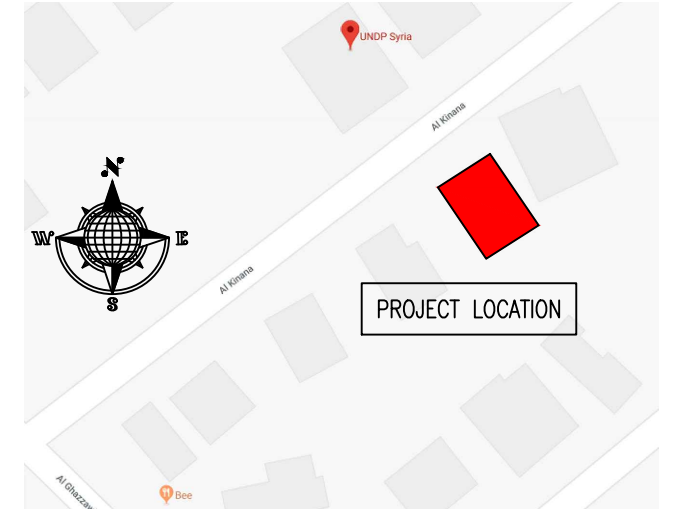


REF.	TYPE	SIZE (mm)	DSCRIPTION	QTY
W-2	SLIDING DOUBLE LEAF/ALUM.	1,080x1,071	EXISTING WINDOW	1
W-3	SLIDING DOUBLE LEAF/ALUM.	2,040x1,071	EXISTING WINDOW	1

REF.	TYPE	SIZE (mm)	DSCRIPTION	QTY
W-7	SLIDING DOUBLE LEAF/ALUM.	2,100x1,650	NEW WINDOW	2

REF.	TYPE	SIZE (mm)	DSCRIPTION	QTY
W-1	SLIDING DOUBLE LEAF/ALUM.	2,100x1,650	EXISTING WINDOW	1

KEY PLAN :



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CLIENT :



PROJECT NAME :

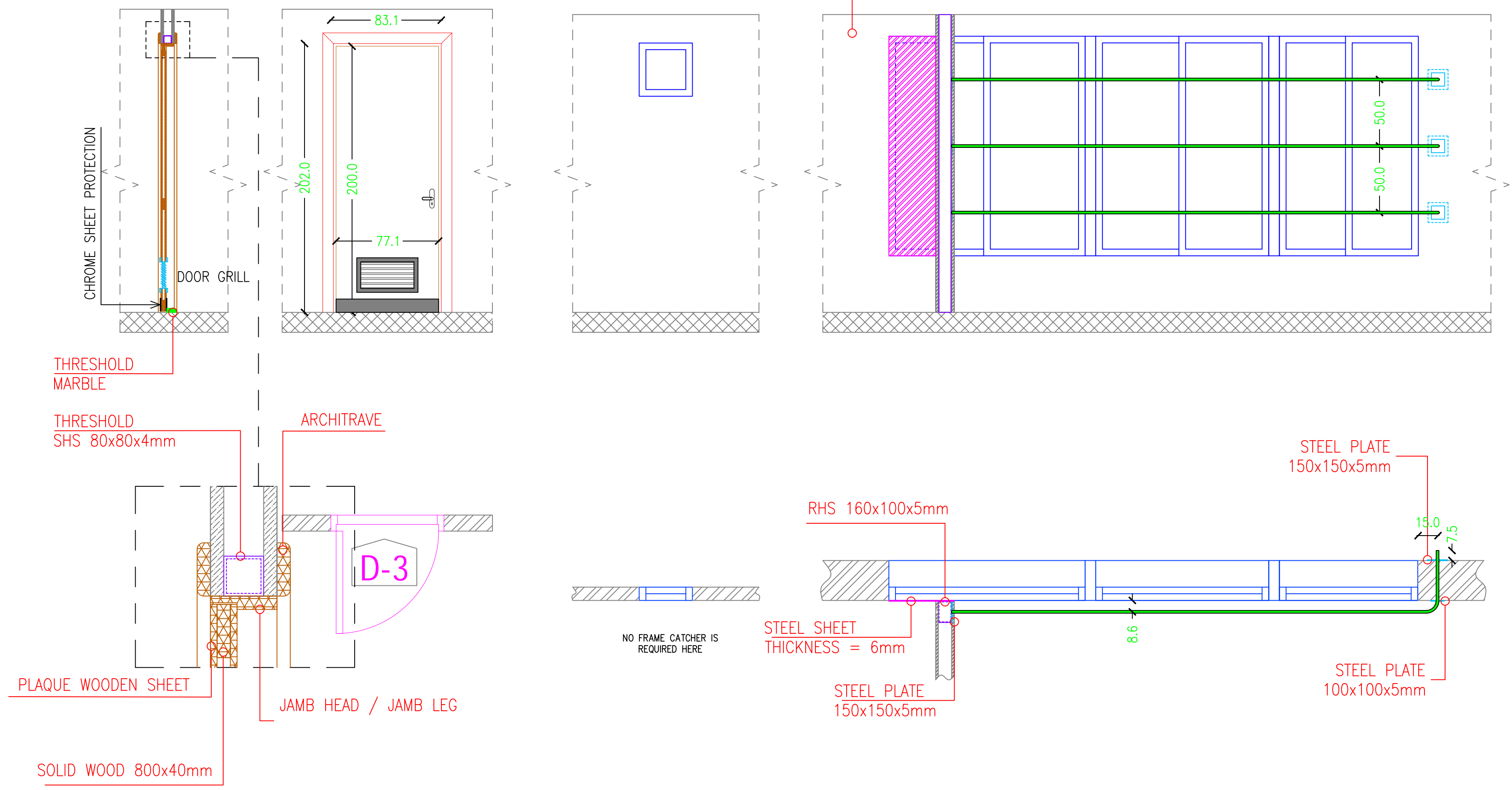
REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

DRAWING TITLE :

SECURITY MEASURES  
DETAILS-01

DESIGNED BY:	A.H.	DRAWING NO. :	SE-101
APPROVED BY:	A.A.R.	SCALE :	1:25
DATE:	JAN-2019	REV NO. :	01

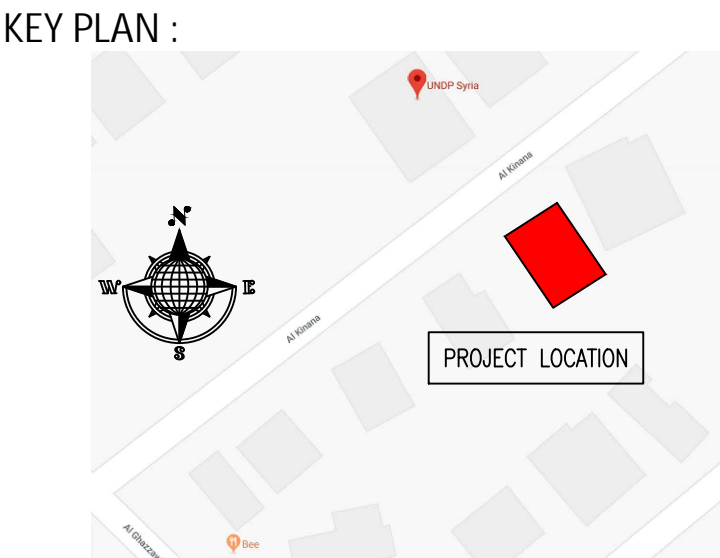
SECURITY MEASURES  
DETAILS - DOORS AND WINDOW



REF.	TYPE	SIZE (mm)	DSCRIPTION	QTY
D-3	WOODEN DOOR WITH GRILL	770x2,000	PLAIN WOODEN DOOR WITH GRILL 400x200mm FOR WCs	2

REF.	TYPE	SIZE (mm)	DSCRIPTION	QTY
W-8	AWNING WINDOW/ALUM.	400x400	NEW WINDOW	2

REF.	TYPE	SIZE (mm)	DSCRIPTION	QTY
W-4	SLIDING DOUBLE LEAF/ALUM.	1,040x1,500	EXISTING WINDOW	1
W-5	SLIDING DOUBLE LEAF/ALUM.	1,300x1,500	EXISTING WINDOW	1
W-6	SLIDING DOUBLE LEAF/ALUM.	1,475x1,500	EXISTING WINDOW	1



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CLIENT :

UNITED NATIONS DEVELOPMENT PROGRAMME

PROJECT NAME :  
REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

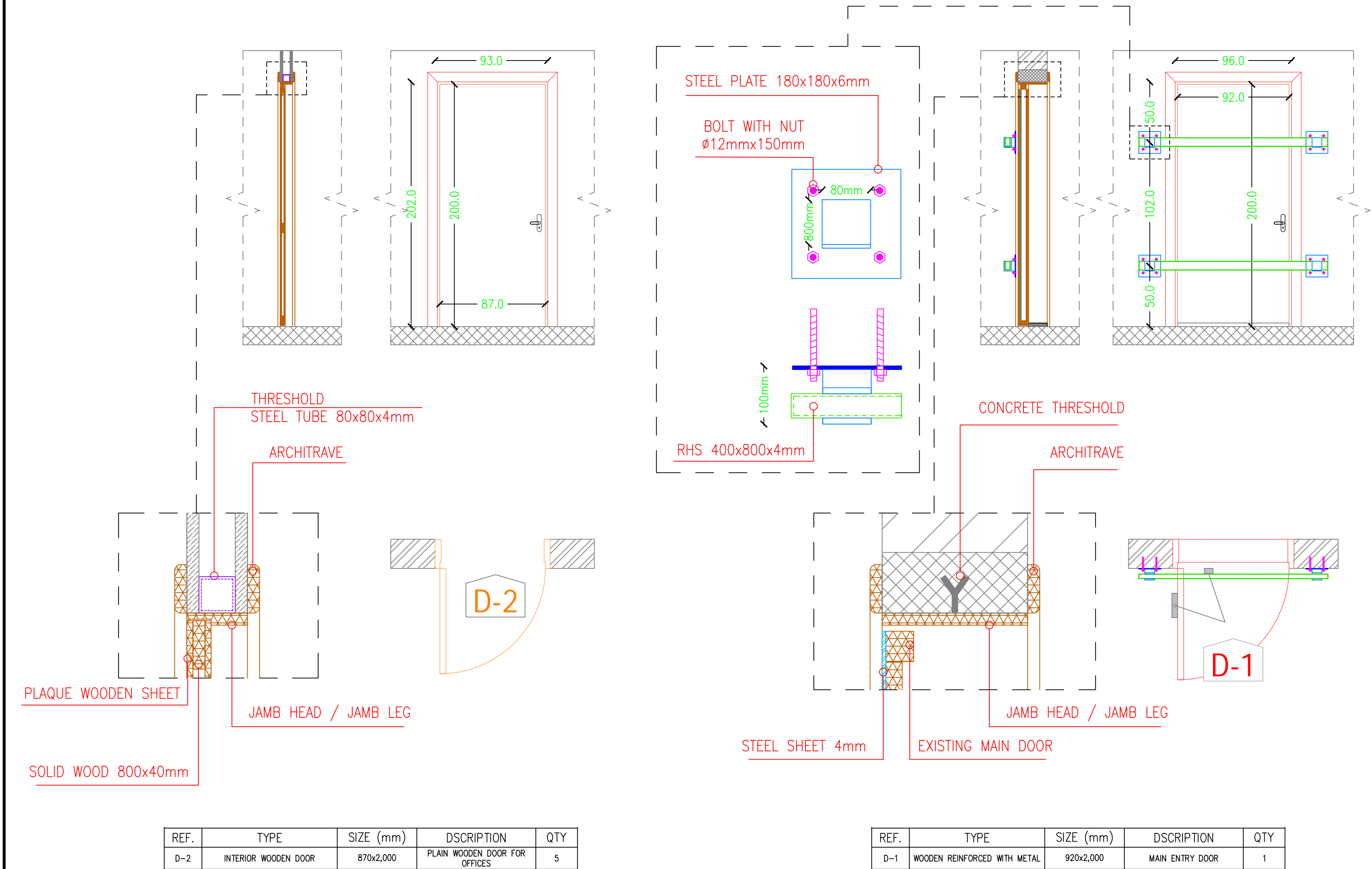
DRAWING TITLE :  
SECURITY MEASURES  
DETAILS-02

DESIGNED BY:	A.H.	DRAWING NO.:	SE-102
APPROVED BY:	A.A.R.	SCALE:	1:25
DATE:	JAN-2019	REV NO.:	01

# SECURITY MEASURES

## DETAILS - DOORS AND WINDOW





IMPORTANT NOTE:

THE REQUIRED IN THE D1 IS AS FOLLOWS:

- USE THE SAME EXISTING MAIN DOOR WITH ADDING THE 4mm STEEL SHEET FROM THE INSIDE AND AUTOMATIC DOOR CLOSER, AND CHANGING THE HINGES TO 4 HEAVY DUTY HINGES ABLE TO HANDLE THE WEIGHT.
- TO BE PROVIDED WITH AUTO DOOR CLOSER AND ELECTRICAL LOCK.

KEY PLAN :

NOTES :

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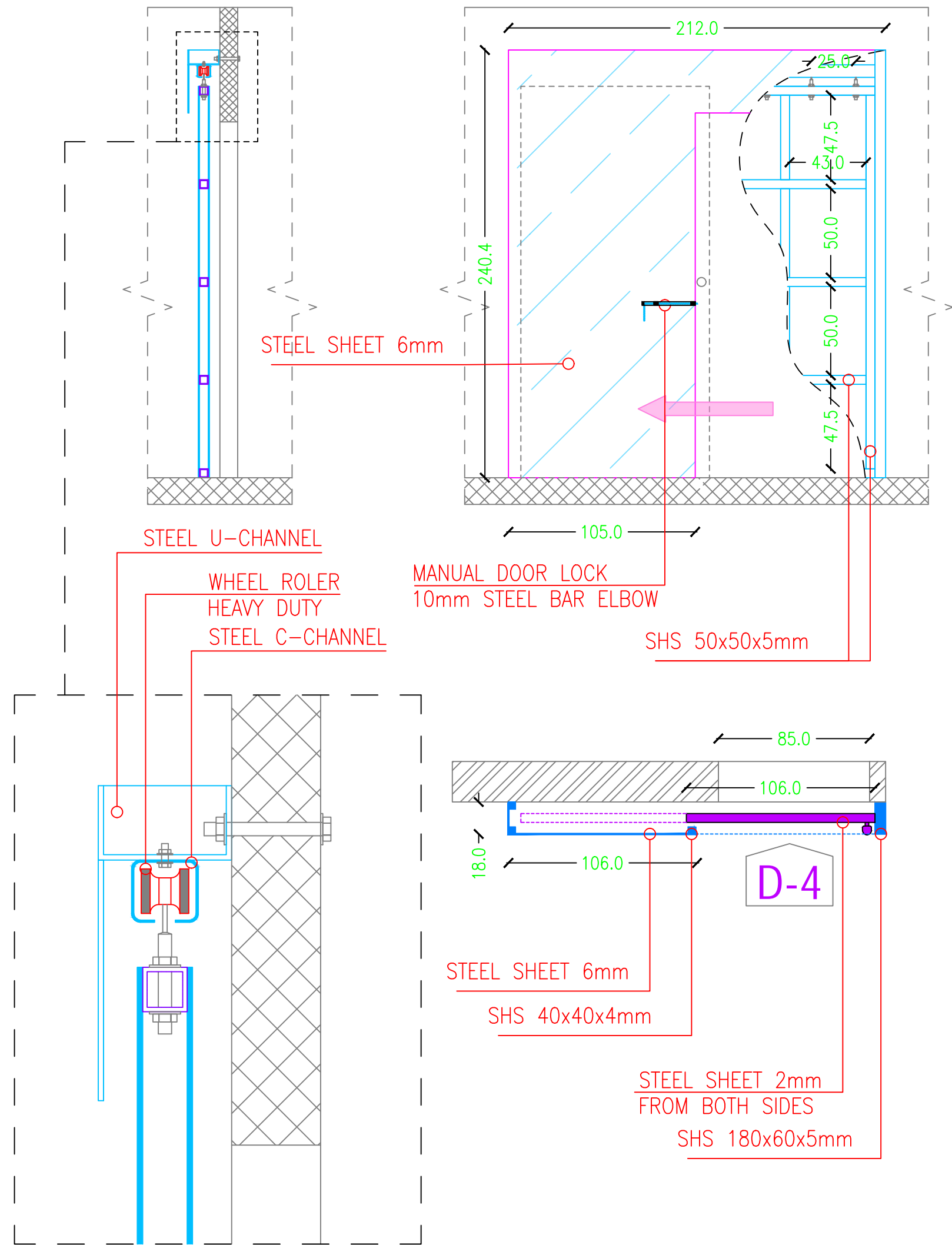
PROJECT NAME :

REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

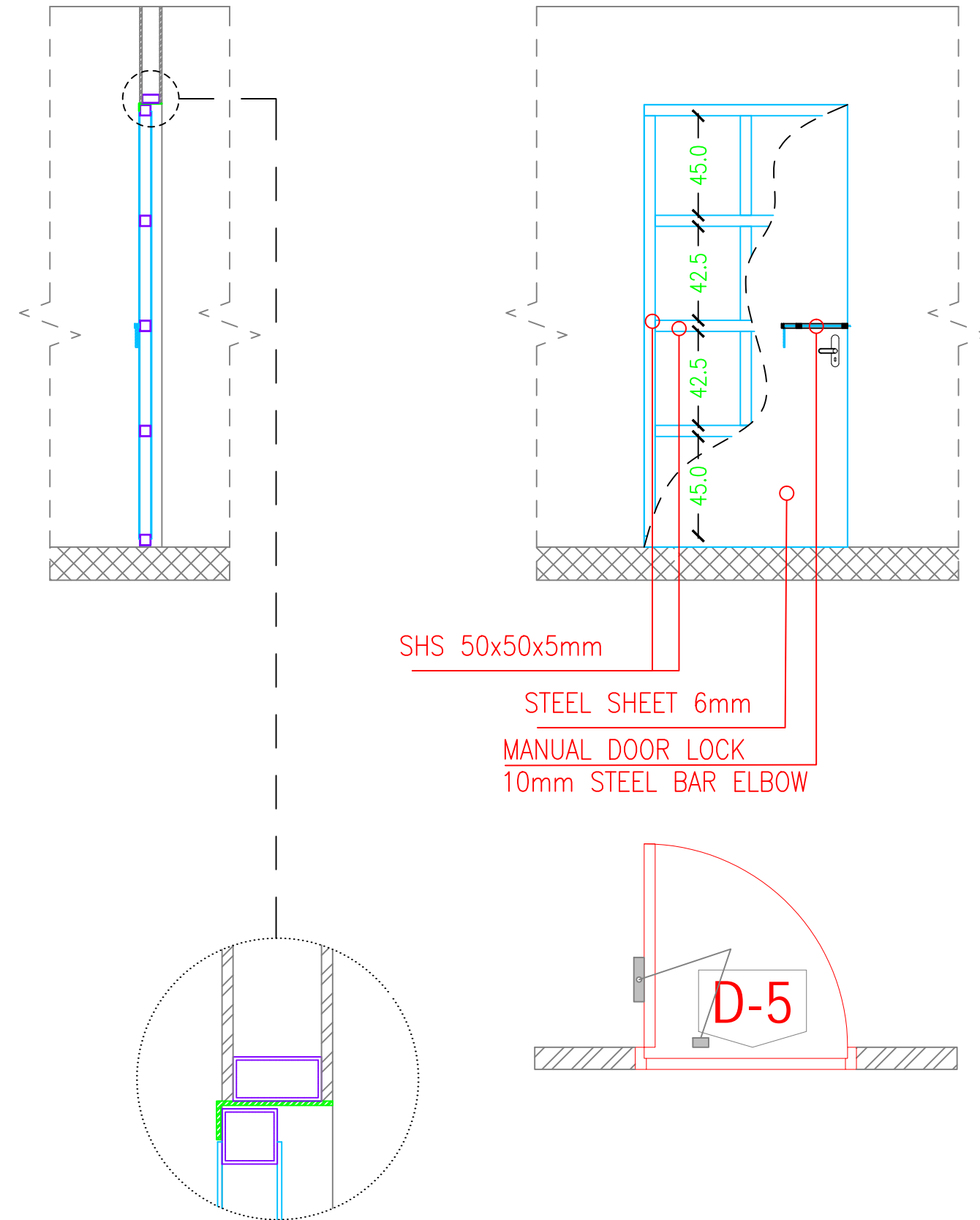
DRAWING TITLE :

SECURITY MEASURES  
DETAILS-03

DESIGNED BY:	A.H.	DRAWING NO. :	SE-103
APPROVED BY:	A.A.R.	SCALE :	1:25
DATE:	JAN-2019	REV NO. :	01

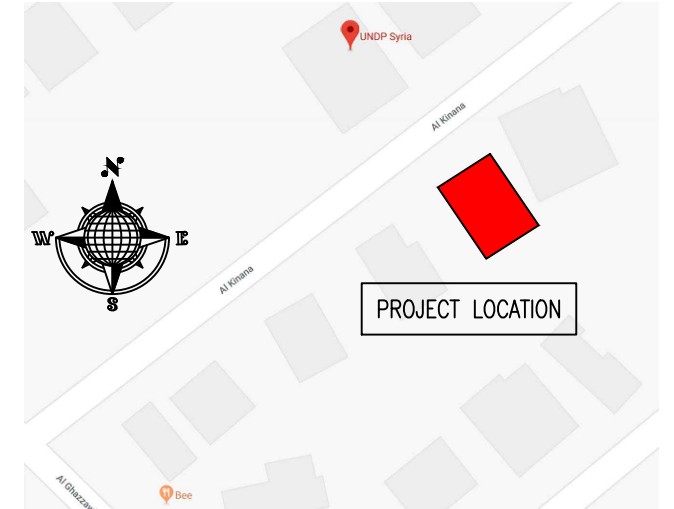


REF.	TYPE	SIZE (mm)	DSCRIPTION	QTY
D-4	SLIDING POCKET REINFORCED DOOR	1,060x2,200	SLIDING POCKET REINFORCED DOOR FOR SAFE HEAVEN	2



REF.	TYPE	SIZE (mm)	DSCRIPTION	QTY
D-5	STEEL DOOR	920x2,000	EMERGENCY EXIT DOOR	1

KEY PLAN :



NOTES :

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CLIENT :



PROJECT NAME :

REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

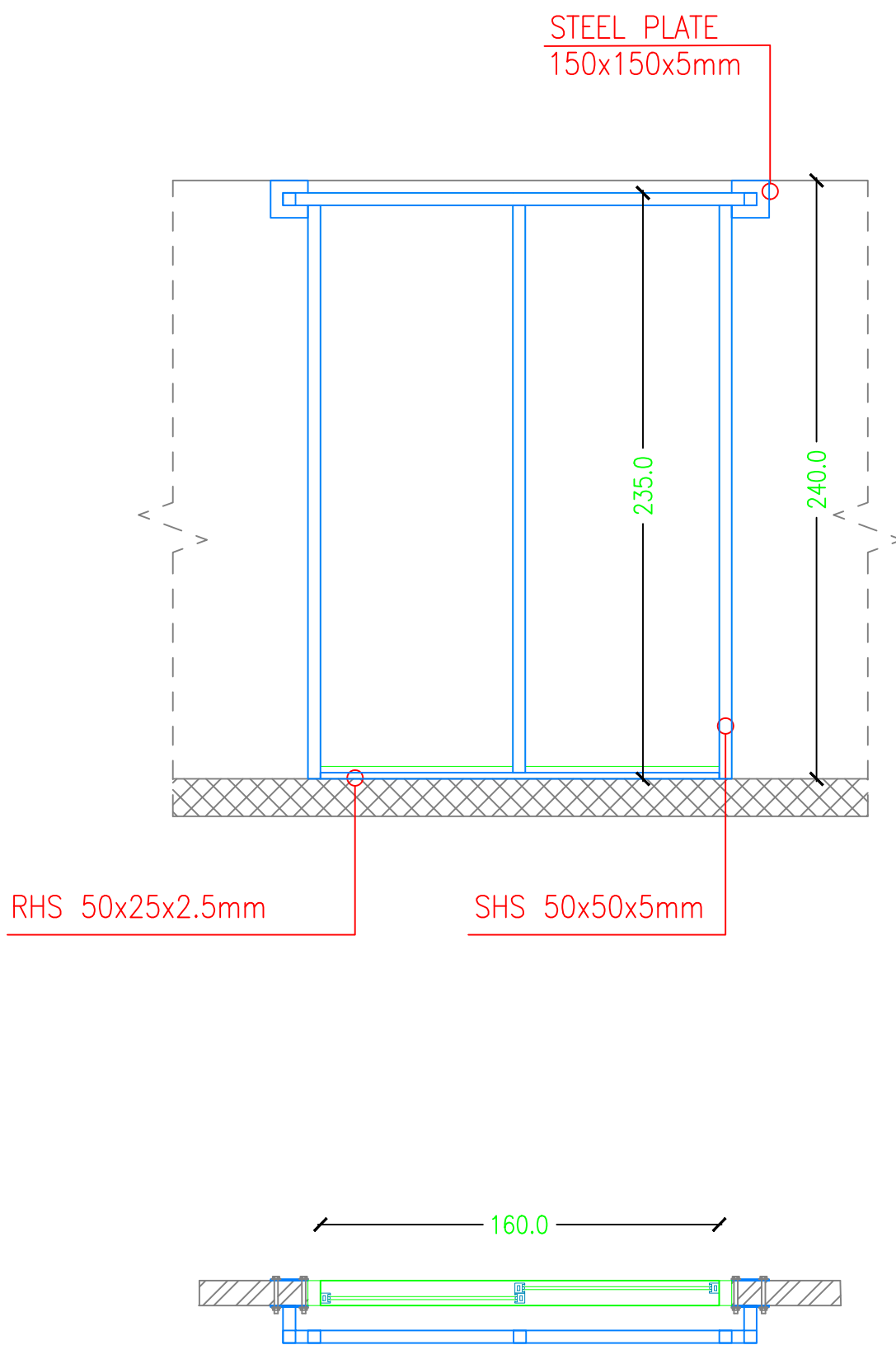
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SECURITY MEASURES  
DETAILS-04

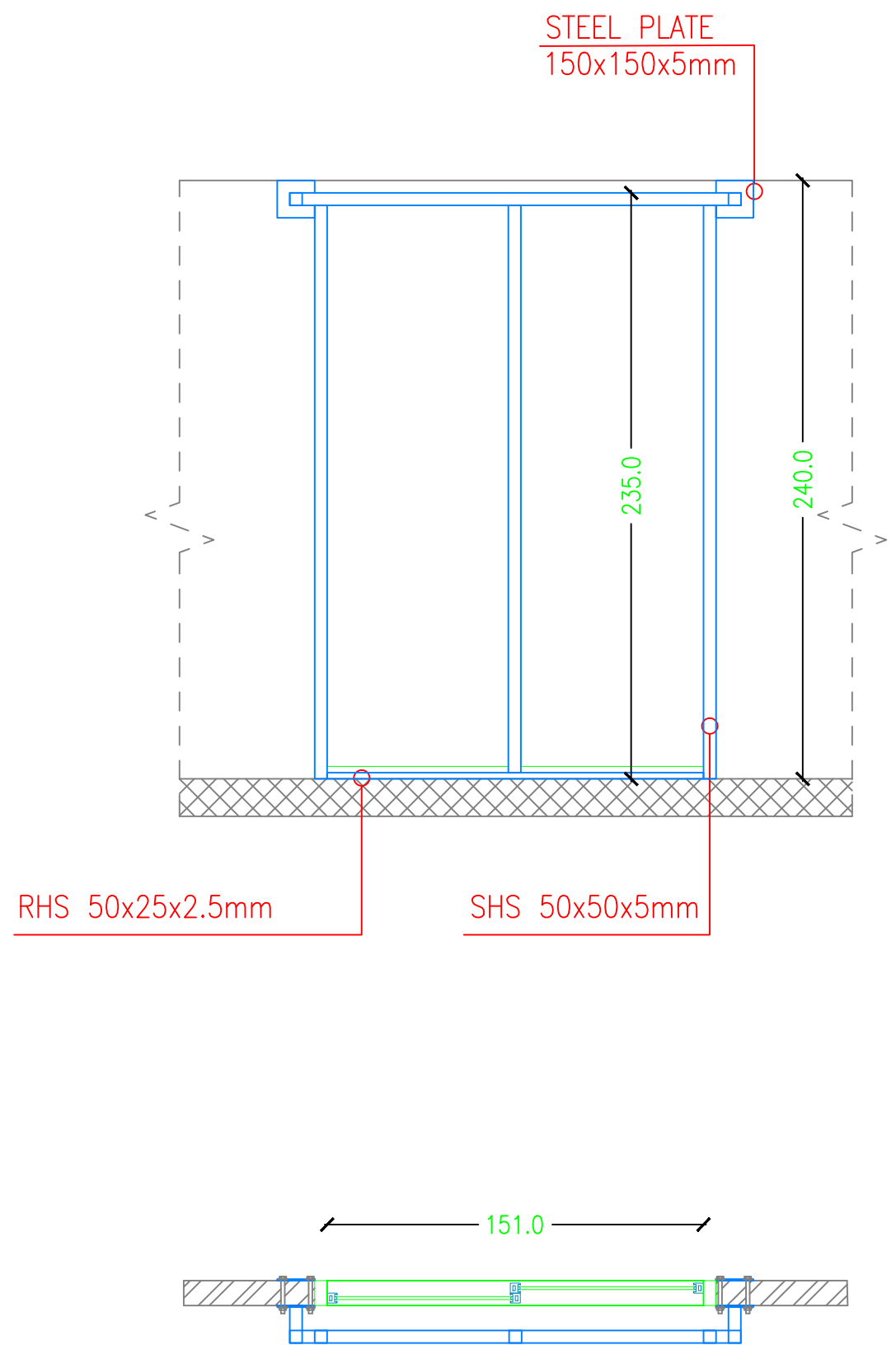
DESIGNED BY:	A.H.	DRAWING NO. :	SE-104
APPROVED BY:	A.A.R.	SCALE :	1:25
DATE:	JAN-2019	REV NO. :	01

SECURITY MEASURES  
DETAILS - DOORS AND WINDOW



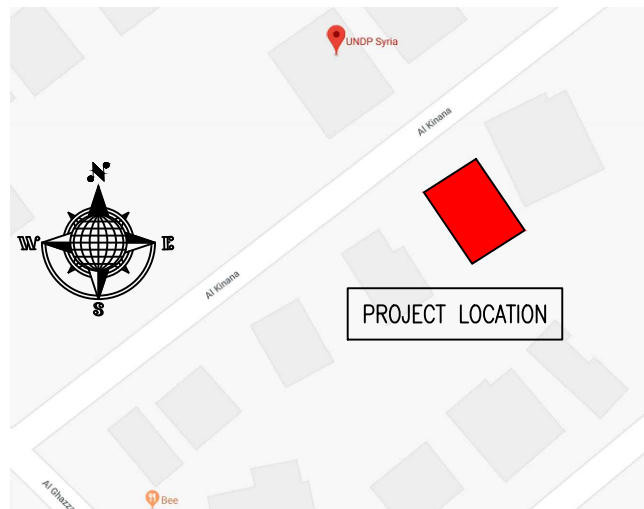


REF.	TYPE	SIZE (mm)	DSCRIPTION	QTY
GD-2	SLIDING DOUBLE LEAF ALUMINUM GLASS DOOR	1,600x2,350	NEW GLASS DOOR	2



REF.	TYPE	SIZE (mm)	DSCRIPTION	QTY
GD-1	SLIDING DOUBLE LEAF ALUMINUM GLASS DOOR	1,510x2,350	EXISTING GLASS DOOR	1

KEY PLAN :



NOTES :

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CLIENT :



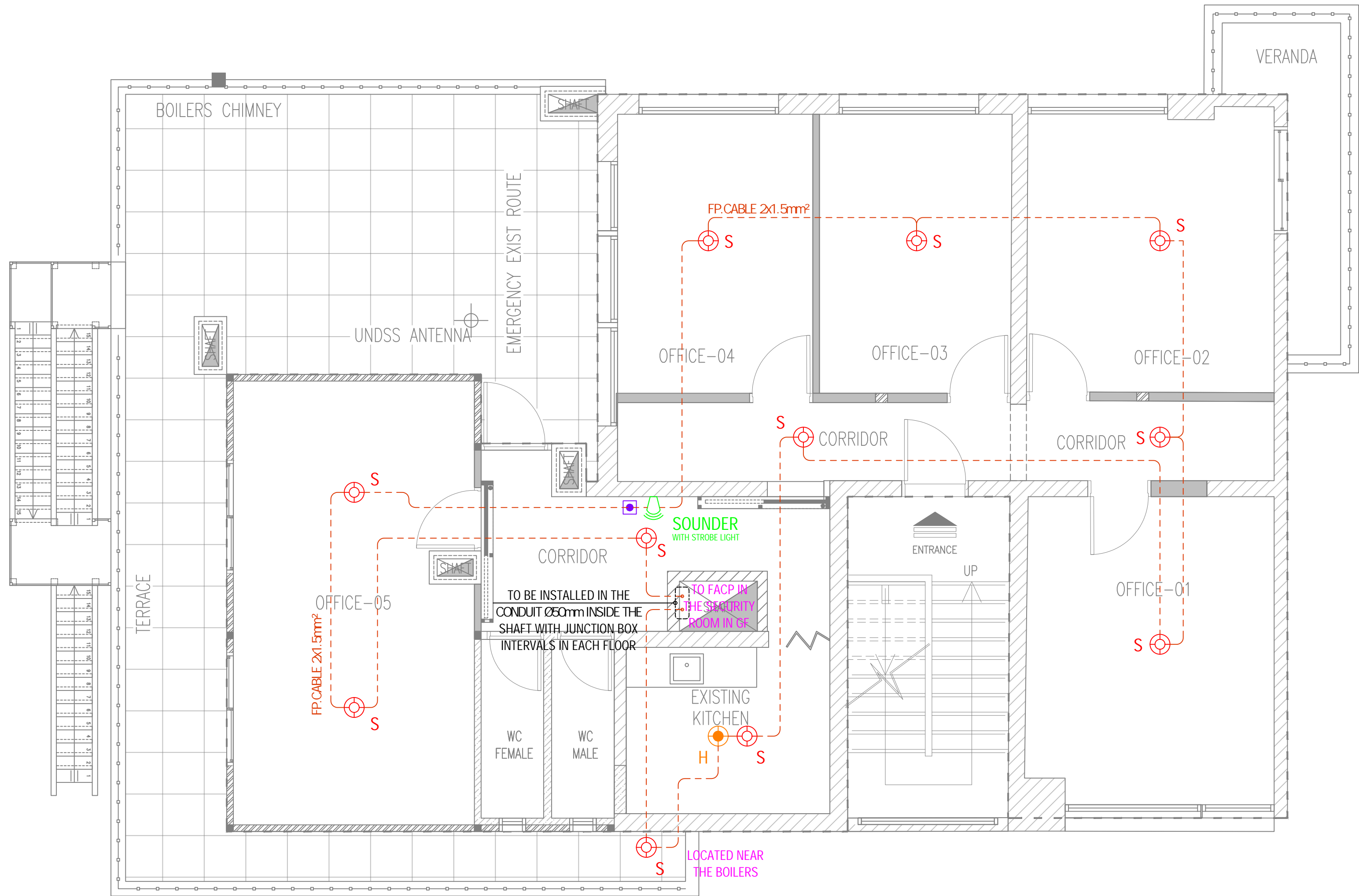
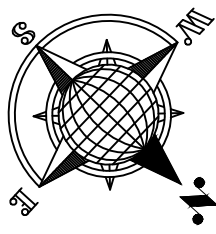
PROJECT NAME :

REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

DRAWING TITLE :

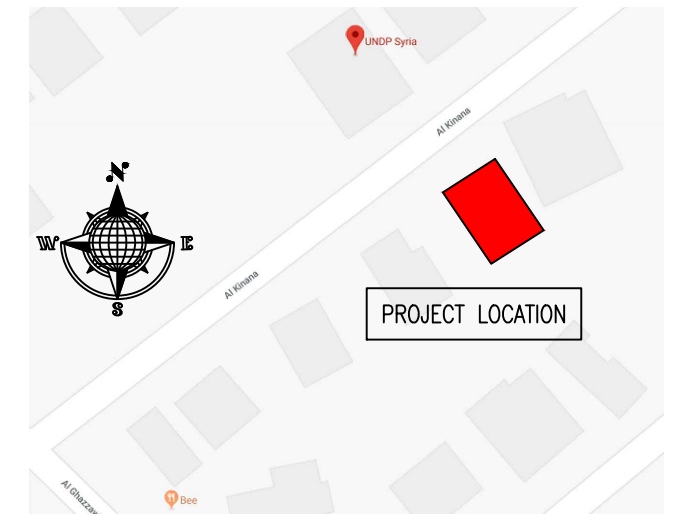
SECURITY MEASURES  
DETAILS-05

DESIGNED BY:	A.H.	DRAWING NO. :	SE-105
APPROVED BY:	A.A.R.	SCALE :	1:25
DATE:	JAN-2019	REV NO. :	01



LEGEND			
	ABBREV. S	DESCRIPTION SMOKE DETECTOR	QTY 11
	ABBREV. H	DESCRIPTION HEAT DETECTOR	QTY 1
	ABBREV. N/A	DESCRIPTION PUSH BUTTON ALARM	QTY 1
	ABBREV. SOUNDER	DESCRIPTION SOUNDER WITH STROBE LIGHT - WALL MOUNTED	QTY 1
	ABBREV. FP	DESCRIPTION FIRE PROOF CABLE	QTY N/A

KEY PLAN :



NOTES :

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- DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
- DO NOT SCALE DRAWINGS.
- THE CONTRACTOR SHALL PROPOSE A FULL METHODOLOGY FOR EXECUTING THE WORK.

CLIENT :



PROJECT NAME :

REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

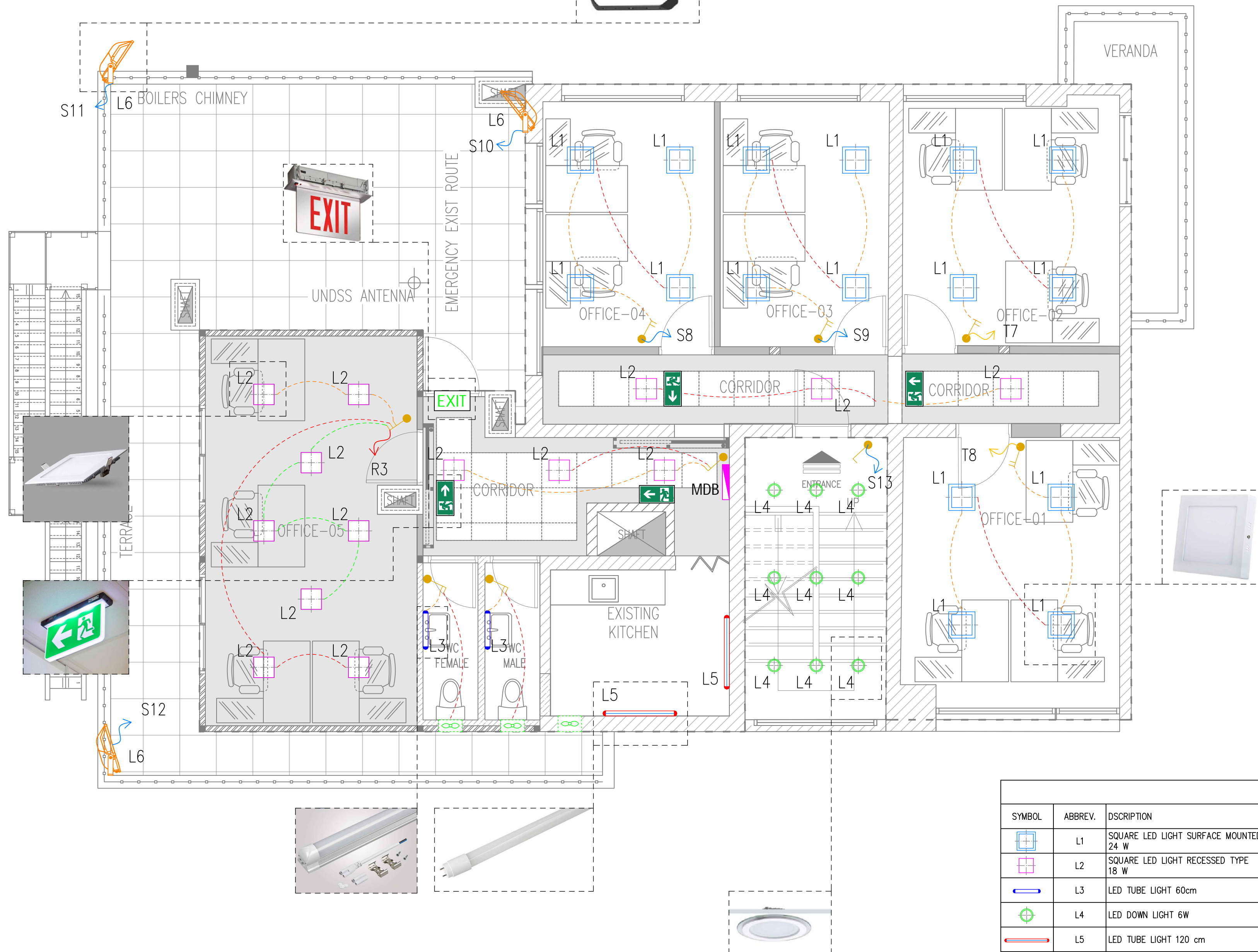
DRAWING TITLE :

ROOF FLOOR PLAN  
FIRE ALARM SYSTEM LAYOUT

DESIGNED BY:	A.H.	DRAWING NO. :	FA-100
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	JAN-2019	REV NO. :	01

FIRE ALARM SYSTEM  
ROOF FLOOR PLAN - PROPOSED LAYOUT

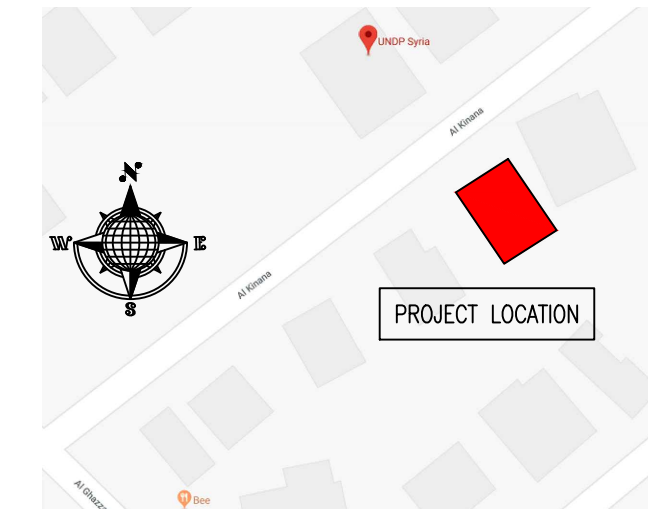




# ELECTRICAL

## ROOF FLOOR PLAN - PROPOSED LAYOUT

### KEY PLAN :



### NOTES :

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### CLIENT :



### PROJECT NAME :

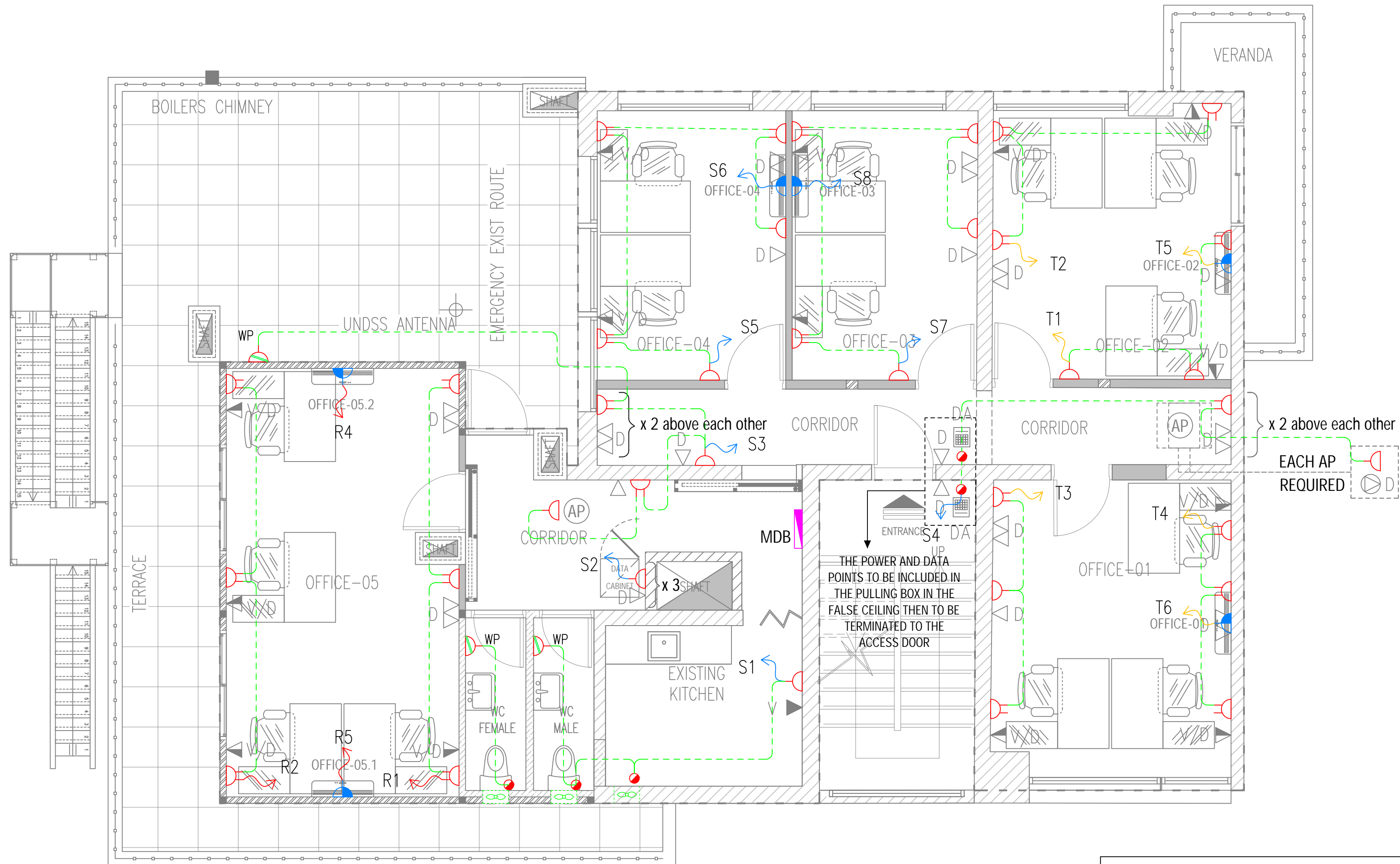
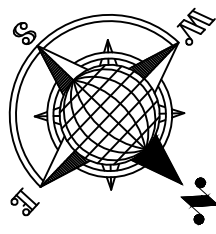
REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

### DRAWING TITLE :

ROOF FLOOR PLAN  
LIGHTING LAYOUT

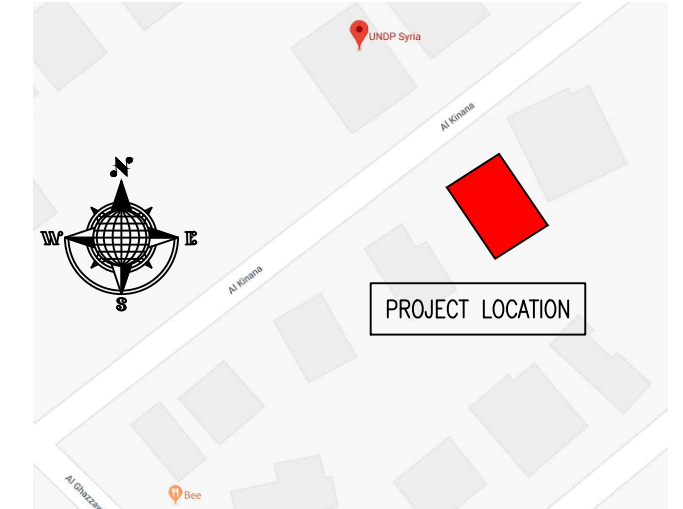
DESIGNED BY:	A.H.	DRAWING NO. :	E-100
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	JAN-2019	REV NO. :	01

SYMBOL	ABBREV.	DESCRIPTION	QTY
	L1	SQUARE LED LIGHT SURFACE MOUNTED 24 W	16
	L2	SQUARE LED LIGHT RECESSED TYPE 18 W	14
	L3	LED TUBE LIGHT 60cm	2
	L4	LED DOWN LIGHT 6W	9
	L5	LED TUBE LIGHT 120 cm	4
	L6	FLOOD LIGHT 50 W	3
	N/A	MANUAL SWITCH (1,2 OR 3 GANGS)	N/A
	N/A	EXHAUST FAN	3



LEGEND			
SYMBOL	ABBREV.	DESCRIPTION	QTY
	N/A	SIMPLEX SOCKET, SCHUKO TYPE	14
	N/A	DUPLEX SOCKET, SCHUKO TYPE	25
	WP	SIMPLEX SOCKET, SCHUKO TYPE, WEATHER PROOF	3
	N/A	AC DISCONNECT	5
	N/A	POWER POINT	5
	N/A	EXHAUST FAN	3
	MDB	MAIN DISTRIBUTION BOARD	1
	N/A	WEATHER PROOF	1

KEY PLAN :



NOTES :

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CLIENT :



PROJECT NAME :

REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

DRAWING TITLE :

ROOF FLOOR PLAN  
POWER LAYOUT

DESIGNED BY: A.H.

DRAWING NO.: E-101

APPROVED BY: A.A.R.

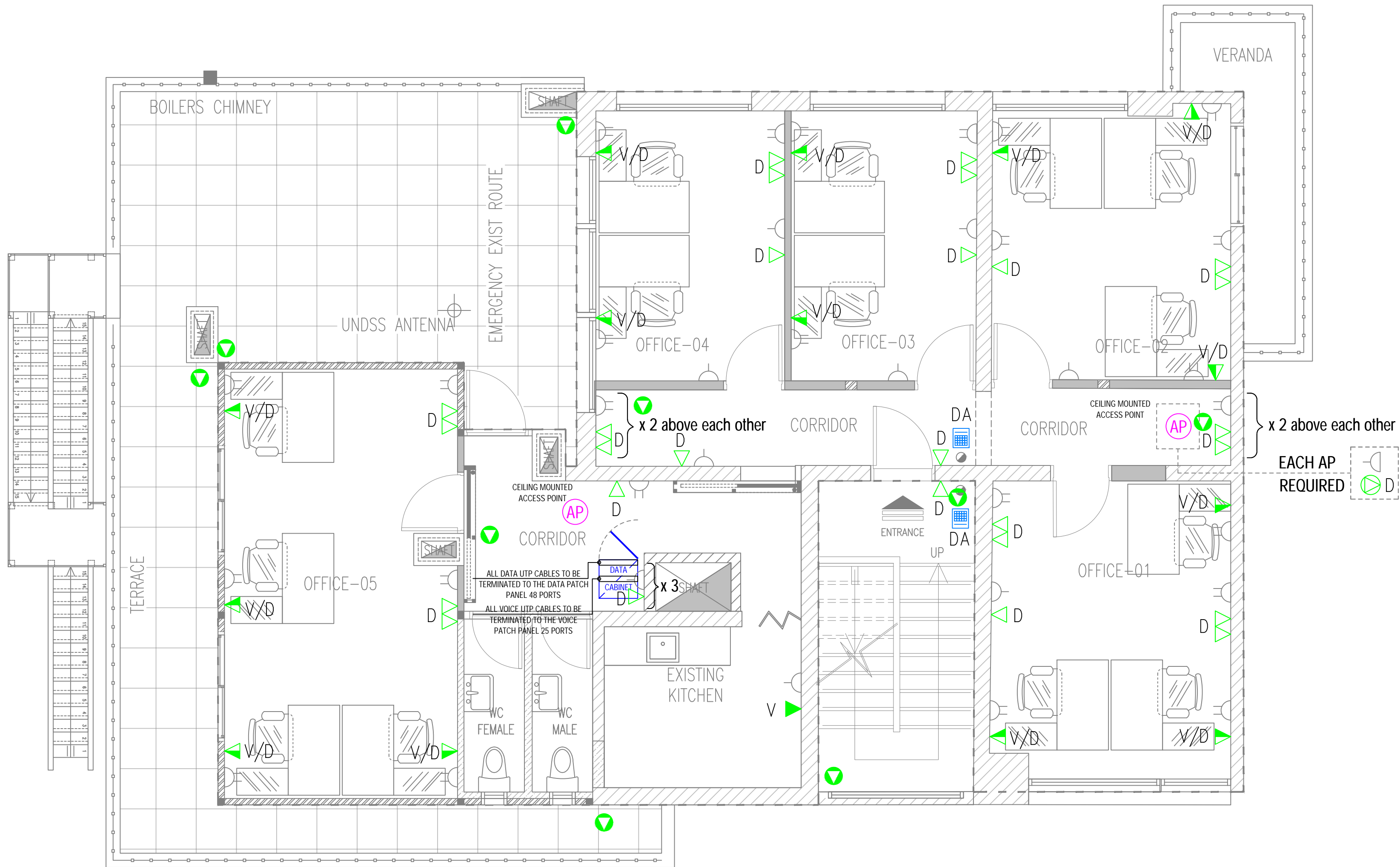
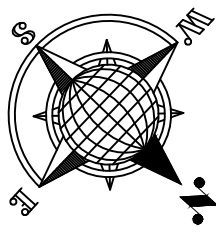
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DATE: JAN-2019

REV NO.: 01

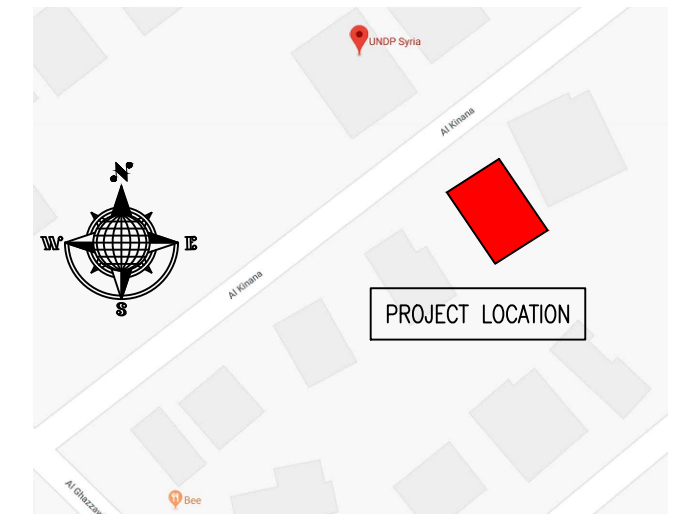
ELECTRICAL  
ROOF FLOOR PLAN - PROPOSED LAYOUT





LEGEND			
SYMBOL	ABBREV.	DESCRIPTION	QTY
	D	DATA OUTLET - WALL MOUNTED	2
	D	DATA OUTLET - CEILING MOUNTED	2
	V	VOICE OUTLET - WALL MOUNTED	1
	V/D	DUAL OUTLETS (VOICE+DATA) - WALL MOUNTED	14
	D	DATA POINT FOR INTERNAL/EXTERNAL CAMERAS	10
	AP	ACCESS POINT - CEILING MOUNTED	2
	DA	DOOR ACCESS	2

#### KEY PLAN :



#### NOTES :

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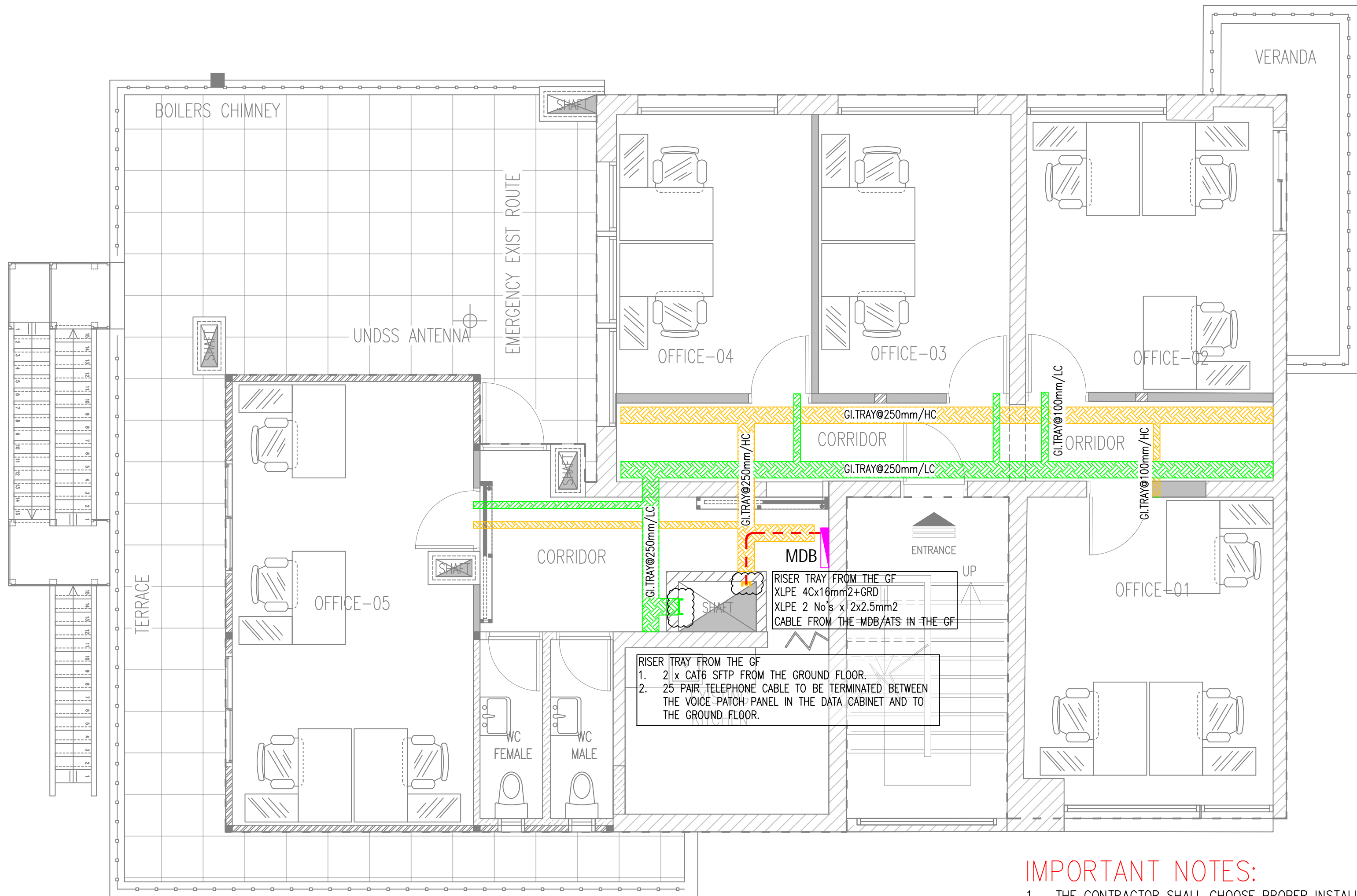
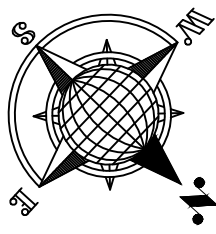
#### PROJECT NAME :

REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

#### DRAWING TITLE :

ROOF FLOOR PLAN  
DATA/VOICE SYSTEM LAYOUT

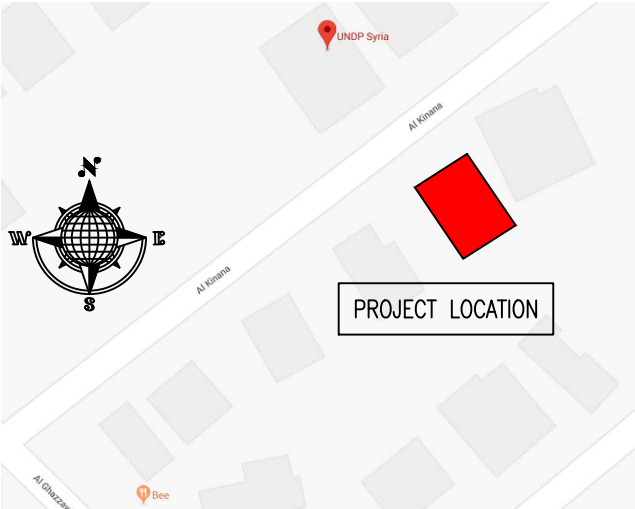
DESIGNED BY:	A.H.	DRAWING NO. :	E-102
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	JAN-2019	REV NO. :	01



### IMPORTANT NOTES:

1. THE CONTRACTOR SHALL CHOOSE PROPER INSTALLATION ROUTING REGARDING TO LOW CURRENT AND HIGH CURRENT CABLES.
2. THE DISTANCE BETWEEN THE LC AND HC CABLES NOT LESS THAN 25cm.
3. THE CONTRACTOR SHALL INSTALL CABLES INVISIBLY IN THE GYPSUM BOARD/CEMENT BOARD PARTITIONS.
4. WHERE THE VISIBLE INSTALLATION IS REQUIRED, THE CONTRACTOR SHALL USE PVC TRUNKING WITH A SIZE SUITABLE TO THE CABLES WITH ADDITION OF 50% FREE SPACE.
5. THE LC TRUNKING SHALL BE INSTALLED AT THE HIGH LEVEL OF THE ROOM ALONG THE WALL AND DOWN AT ANY ROOM CORNER @ 40cm F.F.L.
6. THE HC TRUNKING SHALL BE INSTALLED AT THE LOW LEVEL OF THE ROOM AT THE EDGE OF SKIRTING.

### KEY PLAN :



### NOTES :

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### PROJECT NAME :

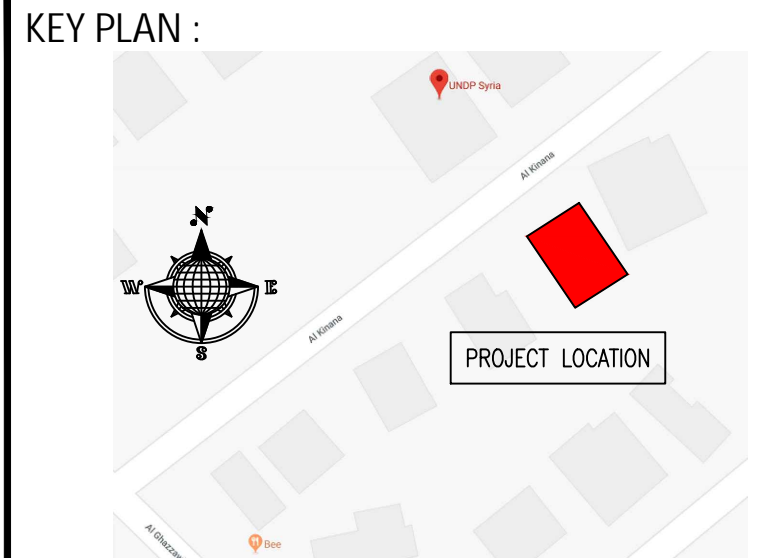
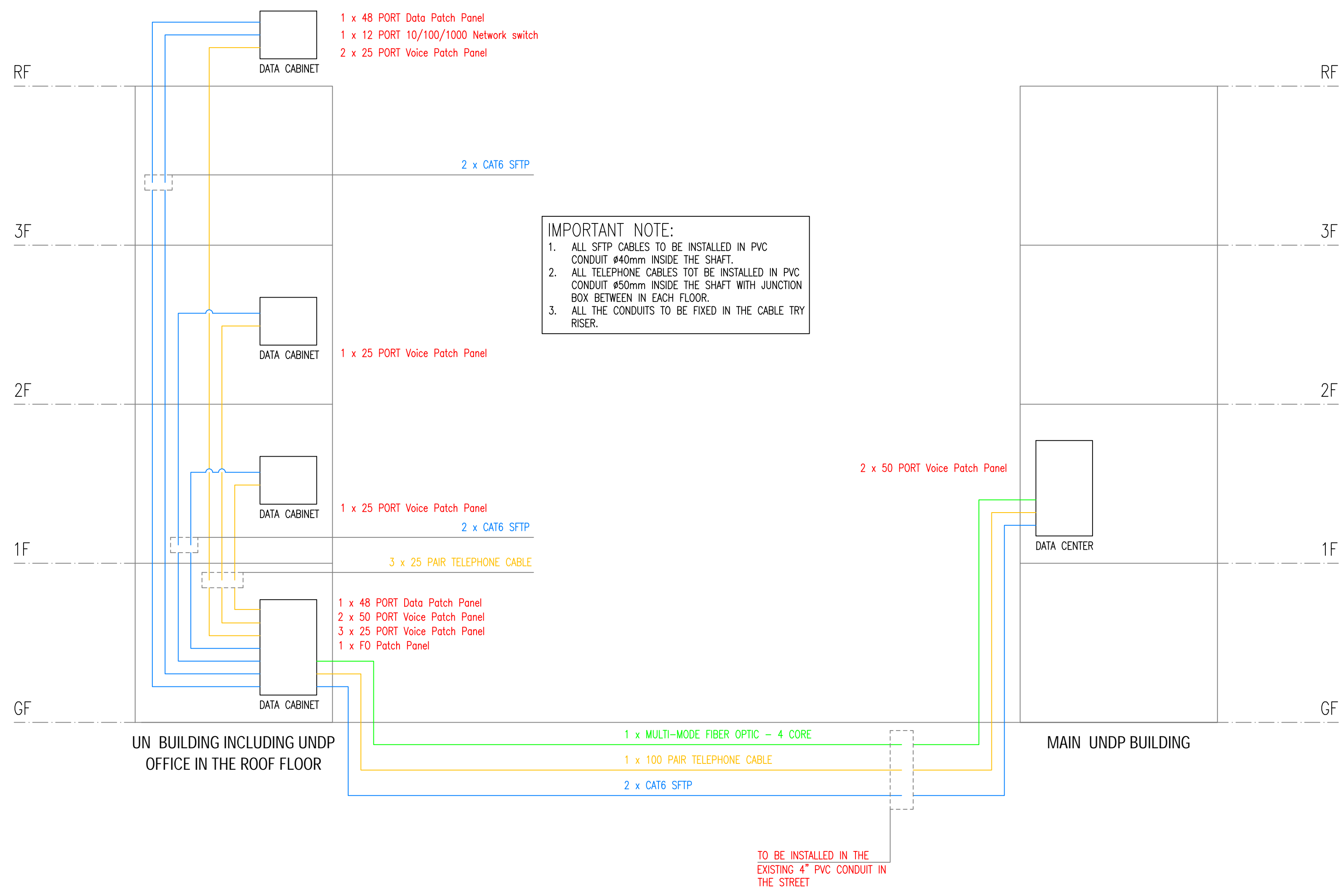
REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

### DRAWING TITLE :

ROOF FLOOR PLAN  
CABLE TRAYS LAYOUT

DESIGNED BY:	A.H.	DRAWING NO. :	E-103
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	JAN-2019	REV NO. :	01





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CLIENT :

UNITED NATIONS  
DEVELOPMENT PROGRAMME

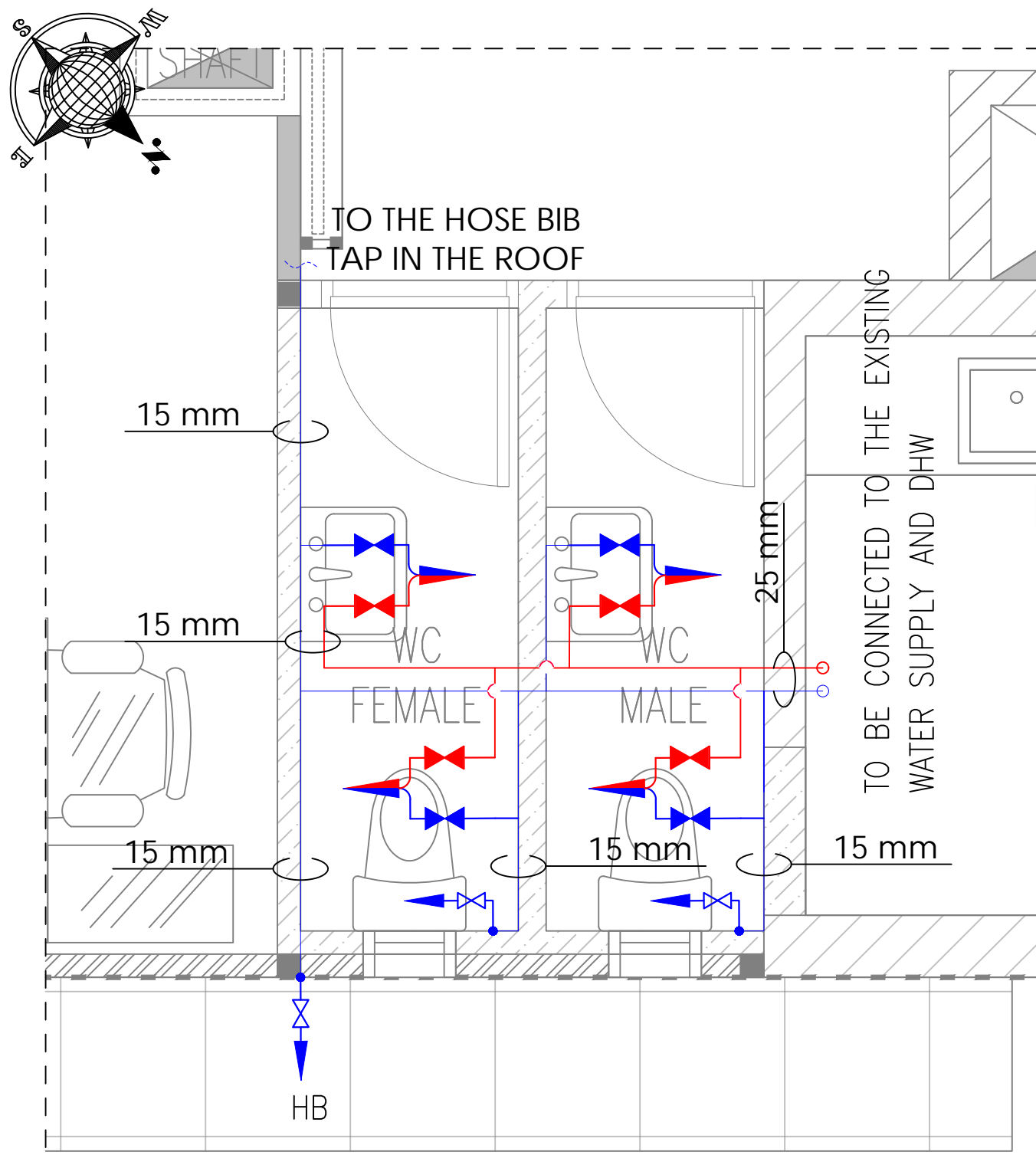
PROJECT NAME :  
REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

DRAWING TITLE :  
SCHEMATIC OF DATA/TEL SYSTEM

DESIGNED BY:	A.H.	DRAWING NO. :	E-104
APPROVED BY:	A.A.R.	SCALE :	N.T.S.
DATE:	JAN-2019	REV NO. :	01

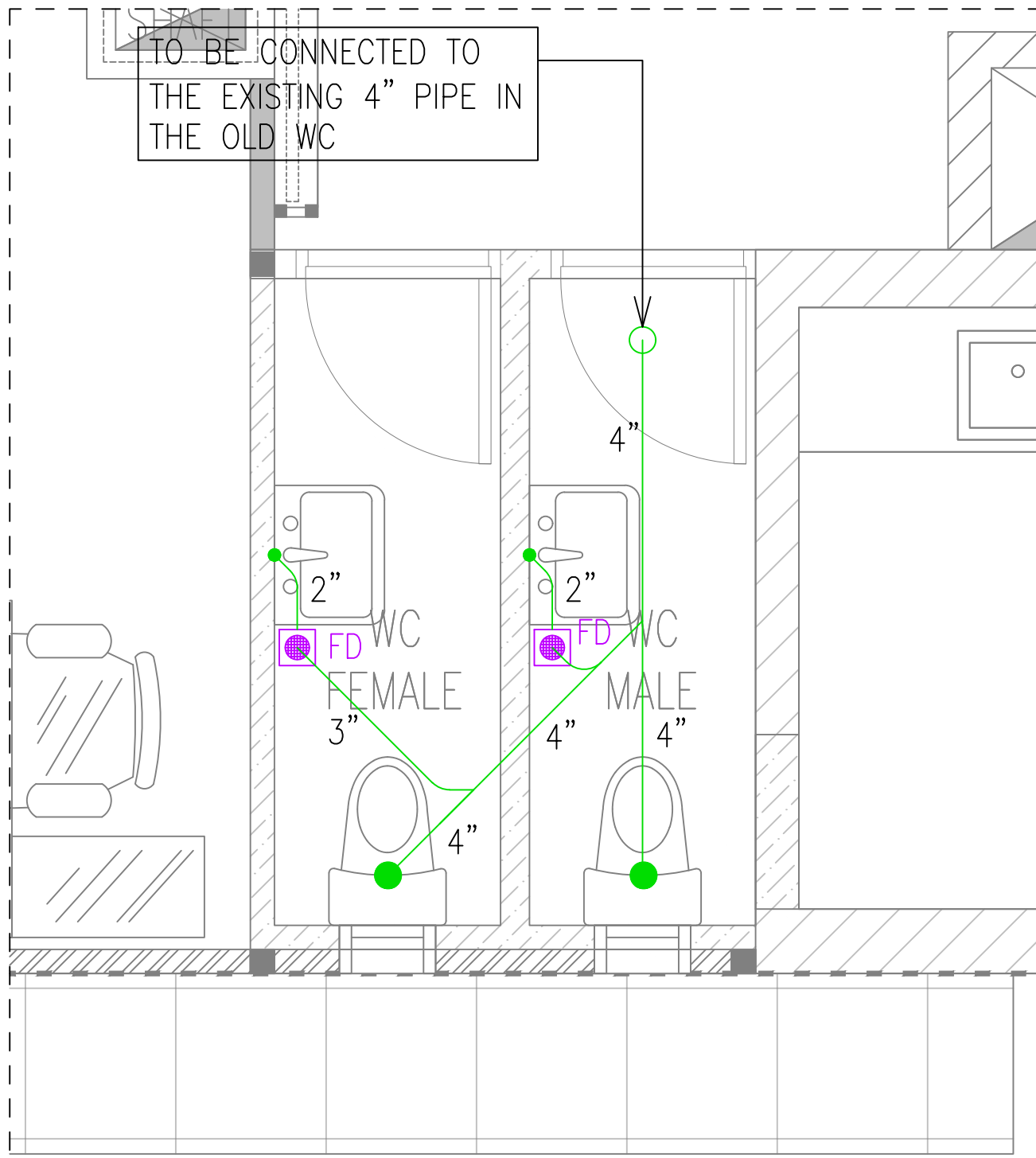
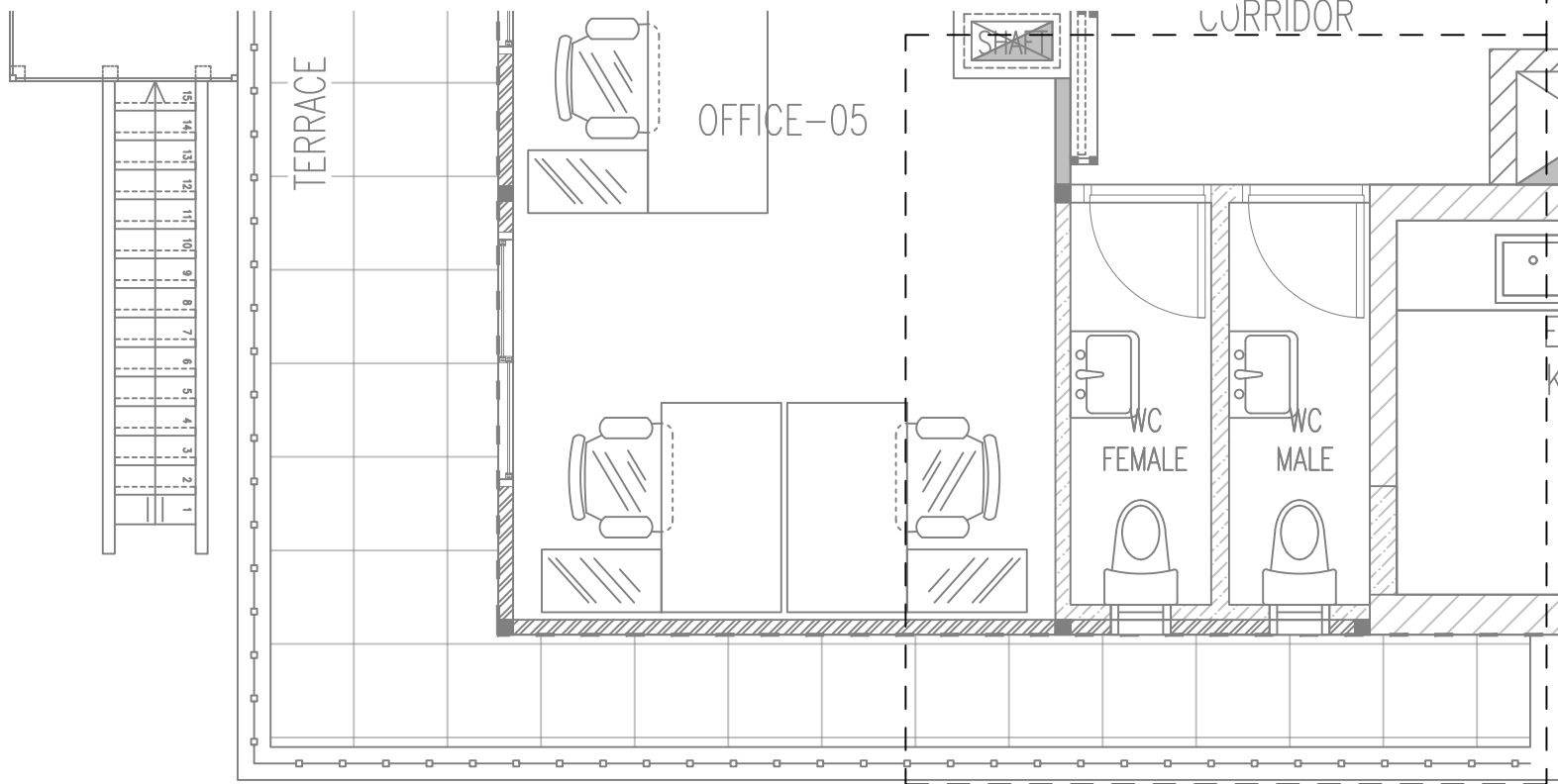






WATER SUPPLY LAYOUT

SCALE: 1:25



DRAINAGE LAYOUT

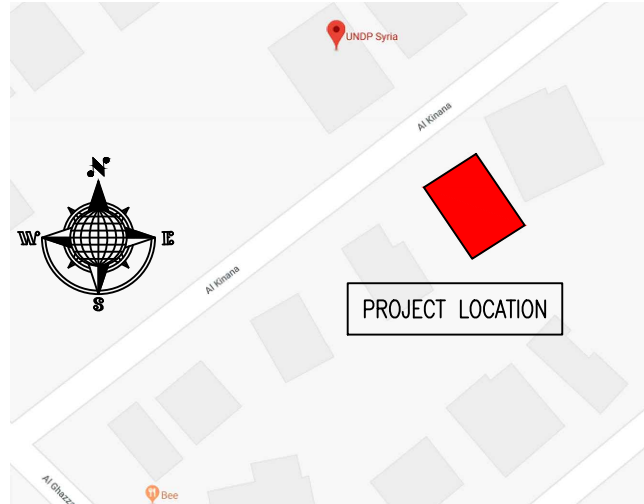
SCALE: 1:25

### IMPORTANT NOTES:

1. THE CONTRACTOR SHALL MADE VISIBLE INSPECTION AND REAL MEASUREMENT RELATED TO THE EXISTING AND NEW PLUMBING INSTALLATIONS.
2. ALL WATER SUPPLY PIPES SHALL BE P.P.R AND THE DHW PIPE TO BE THERMALLY INSULATED.
3. ALL DIAMETER IN THE DRAWINGS ARE IN MM AND INTERNAL DIAMETER.

LEGEND			
SYMBOL	ABBREV.	DESCRIPTION	QTY
	FD	FLOOR DRAIN	2
	N/A	WATER MIXTURE	N/A
	HB	HOSE BIB	1
	N/A	COLD WATER SUPPLY / DOMESTIC HOT WATER	N/A

### KEY PLAN :



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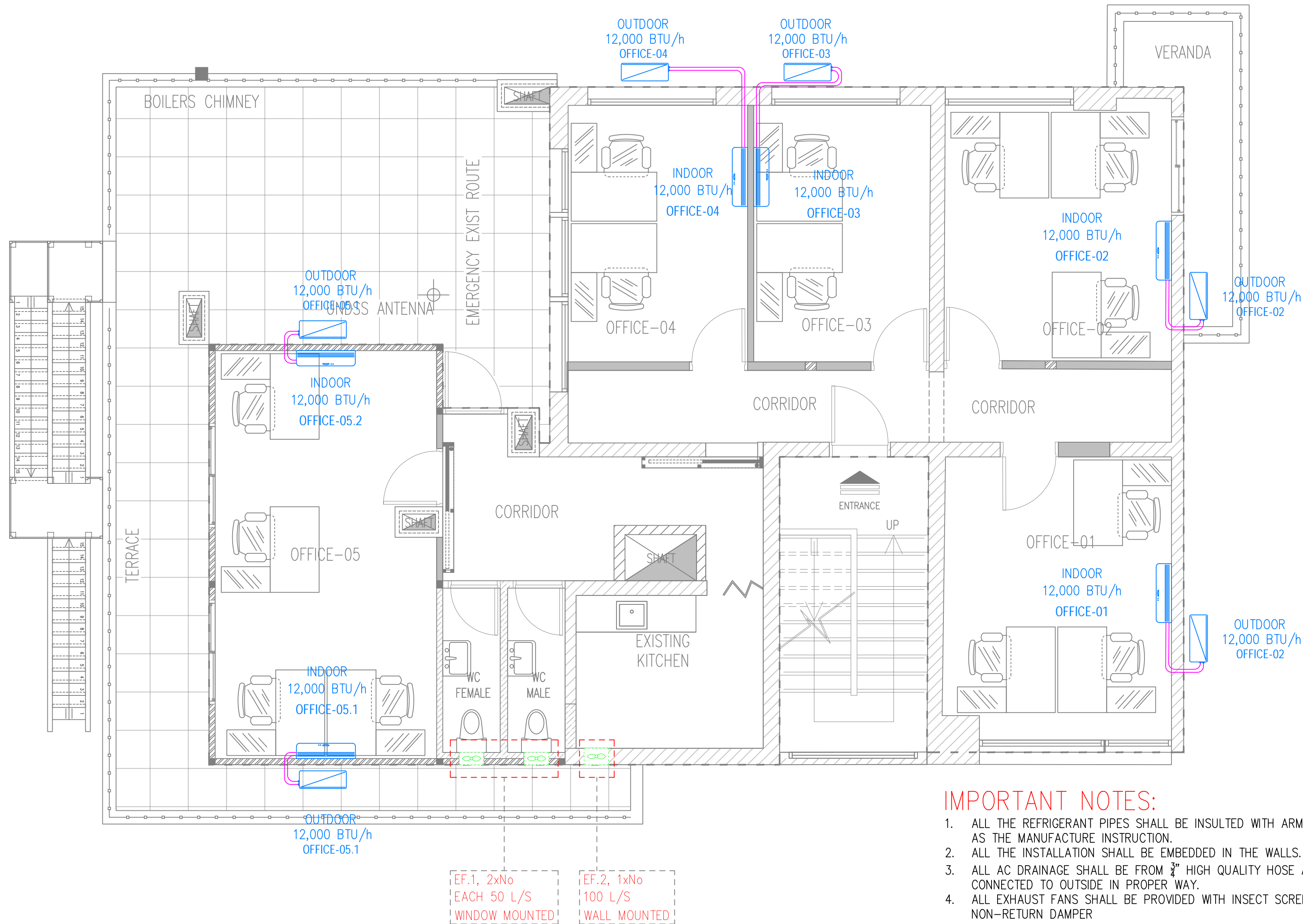
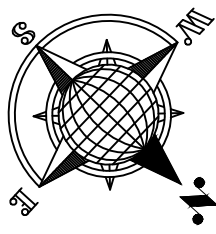
### PROJECT NAME :

REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

### DRAWING TITLE :

ROOF FLOOR PLAN  
PLUMBING LAYOUT

DESIGNED BY:	A.H.	DRAWING NO. :	M-100
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	JAN-2019	REV NO. :	01

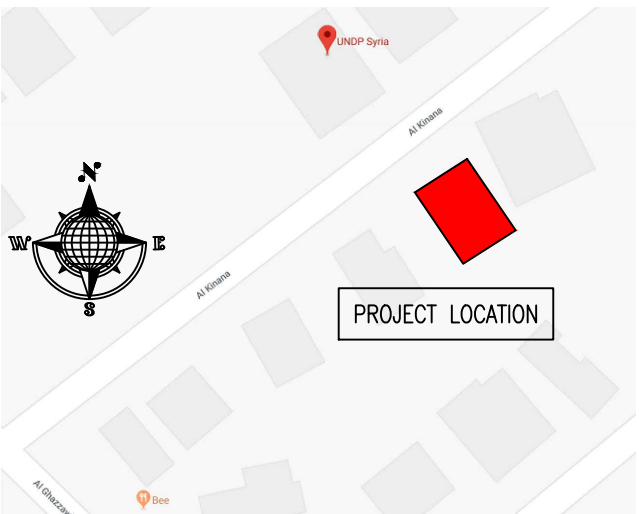


### IMPORTANT NOTES:

- ALL THE REFRIGERANT PIPES SHALL BE INSULATED WITH ARMOFLEX AND AS THE MANUFACTURE INSTRUCTION.
- ALL THE INSTALLATION SHALL BE EMBEDDED IN THE WALLS.
- ALL AC DRAINAGE SHALL BE FROM  $\frac{3}{4}$ " HIGH QUALITY HOSE AND CONNECTED TO OUTSIDE IN PROPER WAY.
- ALL EXHAUST FANS SHALL BE PROVIDED WITH INSECT SCREEN AND NON-RETURN DAMPER

LEGEND			
SYMBOL	ABBREV.	DESCRIPTION	QTY
	AC	AIR CONDITIONER INDOOR UNIT – SPLIT TYPE – 12,000 BTU/H	6
	AC	AIR CONDITIONER OUTDOOR UNIT – SPLIT TYPE – 12,000 BTU/H	6
	EF	EXHAUST FAN	N/A

### KEY PLAN :



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### CLIENT :



### PROJECT NAME :

REHABILITATION OF THE UNDP PREMISES  
ON THE ROOF FLOOR

### DRAWING TITLE :

ROOF FLOOR PLAN  
HVAC LAYOUT

DESIGNED BY:	A.H.	DRAWING NO. :	M-101
APPROVED BY:	A.A.R.	SCALE :	1:50
DATE:	JAN-2019	REV NO. :	01