

ELECTRICAL DRAWINGS FOR  
HOUSE FOR MR.KHALEEQ


@

LAKE CITY






















FEB, 2018






















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Electrical List of Drawings				
Sr. #	Drawing No.	Drawing Name	Date Issued	Comments
01	E-001	List of Drawings		
02	E-002	General Notes		
03	E-100	Legend		
04	E-101	Ground Floor Lighting Layout Plan		
05	E-102	First Floor Lighting Layout Plan		
06	E-103	Second Floor Lighting Layout Plan		
07	E-104	Ground Floor Normal Power Layout Plan		
08	E-105	First Floor Normal Power Layout Plan		
09	E-106	Second Floor Normal Power Layout Plan		
10	E-107	Ground Floor Ups Power Layout Plan		
11	E-108	First Floor Ups Power Layout Plan		
12	E-109	Second Floor Ups Power Layout Plan		
13	E-110	Ground Floor Data Layout Plan		
14	E-111	First Floor Data Layout Plan		
15	E-112	Second Floor Data Layout Plan		

Project : <b>KHALEEQ HOUSE</b>		Dwg. <b>LIST OF DRAWINGS</b>		
Project by : <b>Mansoor Durrani Associates</b>	Dwg. No: <b>E-001</b>		<b>7th Sky</b> Consultants	
Checked By: <b>Qasim Ehsan</b>	Scale. <b>N.T.S</b> REV. NO : <b>0</b>			
Drawn By : <b>Dilshaad Malik</b>	Date : <b>19 FEB 2018</b>			
		H # E-57/S. STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com		

LEGEND

S.NO	SYMBOLS	DESCRIPTION	MOUNTING HEIGHT
1		MIRROR LIGHT POINT	ABOVE MIRROR
2		CEILING LIGHT POINT	ON SLAB
3		CEILING LIGHT POINT	ON SLAB
4		GATE GLOBE LIGHT	AT MAIN GATE PILLAR
5		OUTDOOR WALL LIGHT	ON WALL 7'-6"FFL
6		MINI CHANDELIER POINT	ON SLAB
7		CHANDELIER POINT	ON SLAB
8		WALL BRACKET LIGHT POINT IN WARDROBE	ON WALL 7'-6"FFL
9		WALL LIGHT POINT	ON WALL 6'-0"FFL
10		BULK HEAD LIGHT POINT	7'-6" F.F.L ON WALL
11		PLANT LIGHT POINT	AS REQ.
12		NICHE LIGHT POINT	IN NICHE
13		FAN 56"/48"SWEEP WITH M.S HOOK	SLAB SUSPENDED
14		WALL BRACKET FAN	7'-6" F.F.L
15		EXHAUST FAN POINT	SEE DRG.
16		WIRING IN 1"Ø PVC CONDUIT	IN FLOOR/SLAB OR WALL
17		5AMPS, ONE WAY SWITCH WITH BACK BOX	3'-6" F.F.L
18		5AMPS, TWO WAY SWITCH WITH BACK BOX	3'-6" F.F.L
19		10AMPS, MULTI PIN SWITCH SOCKET WITH BACK BOX	1'-0" F.F.L
20		10AMPS, MULTI PIN SWITCH SOCKET WITH BACK BOX	4" ABOVE COUNTER LEV.
21		20AMPS, MULTI PIN SWITCH SOCKET WITH BACK BOX (FOR GEYSER)	1'-0" F.F.L

S.NO	SYMBOLS	DESCRIPTION	MOUNTING HEIGHT
22		15AMPS, MULTI PIN SWITCH SOCKET WITH BACK BOX	4" ABOVE COUNTER LEV.
23		10AMPS, MULTI PIN SWITCH SOCKET WITH BACK BOX (FOR INTERCOM)	4'-6" F.F.L
24		10AMPS, MULTI PIN SWITCH SOCKET WITH BACK BOX (FOR LCD)	4'-6" F.F.L
25		15AMPS, MULTI PIN SWITCH SOCKET WITH BACK BOX	1'-0" F.F.L
26		FLOOR BOX	IN FLOOR
27		MAIN DISTRIBUTION BOARD	3'-6" F.F.L
28		DISTRIBUTION BOARD (LIGHT & POWER)	3'-6" F.F.L
29		SPLIT A/C	12" ABOVE WINDOW LEVEL OR AS REQ
30		FLOOR MOUNTED AC (FMAC)	ON FLOOR
31		CCTV CAMERA	ON WALL
32		DATA POINT OUTLET (FOR INTERCOM)	4'-6" F.F.L
33		DATA POINT OUTLET (FOR LCD)	4'-6" F.F.L
34		TELEPHONE POINT OUTLETS	1'-0" F.F.L
35		TELEPHONE POINT OUTLETS	4" ABOVE COUNTER LEV.
36		TELEPHONE POINT OUTLETS (FOR INTERCOM)	4'-6" F.F.L
37		TELEPHONE JUNCTION BOARD	1'-0" F.F.L
38		WIRING IN 1"Ø PVC CONDUIT FOR TELEPHONE SYSTEM	IN FLOOR/SLAB OR WALL
39		TV CABLE OUTLETS POINTS FOR TV CABLE SYSTEM	4'-6" F.F.L
40		TV CABLE JUNCTION BOARD	1'-0" F.F.L
41		CCTV JUNCTION BOX	1'-0" F.F.L
42		UNINTERRUPTIBLE POWER SUPPLY	1'-0" F.F.L

Project : KHALEEQ HOUSE

Dwg. LEGEND

Project by : Mansoor Durrani Associates  
Checked By: Qasim Ehsan  
Drawn By : Dilshaad Malik

Dwg. No: E-100  
Scale. N.T.S  
Date : 19 FEB 2018



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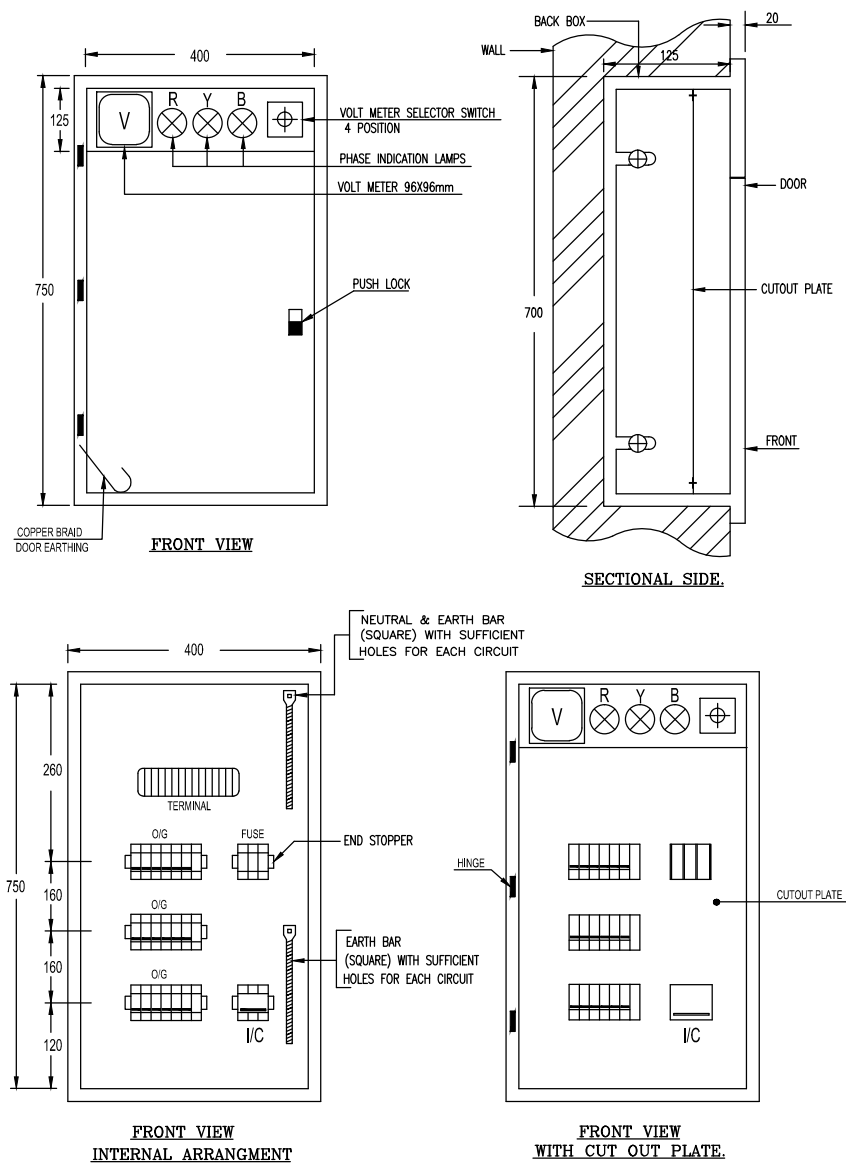
H # E-57/S. STREET # 1,  
QADRI COLONY,  
WALTON ROAD,  
LAHORE.  
Contact no : 0324-4991042  
E-mail: qasim.ehsan772@gmail.com

GENERAL & WIRING NOTES:—

1. ALL ELECTRICAL WORKS PERTAINING TO WIRING OF ELECTRICAL SYSTEMS SHALL STRICTLY CONFORM TO IEE LATEST EDITION OF RULES & REGULATIONS.
2. ALL WIRING SHALL BE DONE IN PVC CONDUIT TO BE CONCEALED IN WALLS, SLABS, COLUMNS & FLOOR OR AS SHOWN ON DRAWINGS. OR AS SHOWN ON DRAWINGS.
3. THE WIRING SHOULD BE STARTED ONLY AFTER THE CONDUIT SYSTEM HAS BEEN COMPLETED AND ALL OUTLET BOXES ARE FIXED AT THEIR RESPECTIVE POSITIONS.
4. ALL PVC CONDUITS SHALL BE OF 3/4" OR 1" DIA, (DEPENDING UPON NUMBER OF WIRES) FROM SWITCH BOARD TO LIGHT POINTS AND 1" DIA FROM DBs TO SWITCH BOARDS & POWER SOCKETS OR AS SHOWN ON DRAWINGS.
5. LIGHT / FAN POINT CONTROLLED BY ONE WAY SWITCH. WIRED WITH 1.5mmsq (3/0.029") (AS OF WIRE) 2x2.5mmsq (7/0.029") AS COMMEN NEUTRAL(N) & EARTH(E) WIRE.
6. LIGHTING CIRCUITS FROM RESPECTIVE DB TO SWITCH SOCKET WIRED WITH 3x2.5mm sq (7/0.029") AS P+N+E
7. SOCKETS WIRED IN PARALLEL WITH 2x2.5mm sq AS P+N+E
8. POWER SOCKETS WIRED WITH 3x4mmSq AS P+N+E
9. WIRING FOR S.A/C 1–1.5 TON WIRED WITH 3x4mmSq AS P+N+E
10. WIRING FOR S.A/C 2– 2.5 TON WIRED WITH 3x6mmSq AS P+N+E
11. NO LUBRICATION EXCEPT AS RECOMMENDED BY MANUFACTURER SHALL BE USED FOR PULLING OF WIRES IN PVC CONDUITS. NO OIL OF ANY KIND SHALL BE USED.
12. COLOUR CODING FOR WIRING SHALL BE AS FOLLOWS: RED, YELLOW AND BLUE FOR PHASES, BLACK FOR NEUTRAL AND GREEN / YELLOW FOR CPC (EARTH).
13. ALL LIGHT POINTS AND POWER SOCKETS SHALL BE PROPERLY EARTHED WITH 2.5mm sq PVC INSULATED WIRES OF COLOUR GREEN–YELLOW.
14. THE NUMBER OF WIRES TO BE PULLED IN ANY CONDUIT FOR WIRING PURPOSES SHALL CONFORM TO IEE. TABLE
15. 1" DIA PVC CONDUIT SHALL BE USED FOR WIRING OF ALL OTHER SYSTEMS UNLESS OTHERWISE MENTIONED ON DRAWINGS OR AS SPECIFIED IN BOQ.
16. ELECTRICAL CONTRACTOR TO CONSULT ELECTRICAL CONSULTANT/ ENGINEER FOR ANY FURTHER CLARIFICATIONS. NO ASSUMPTIONS SHOULD BE MADE.

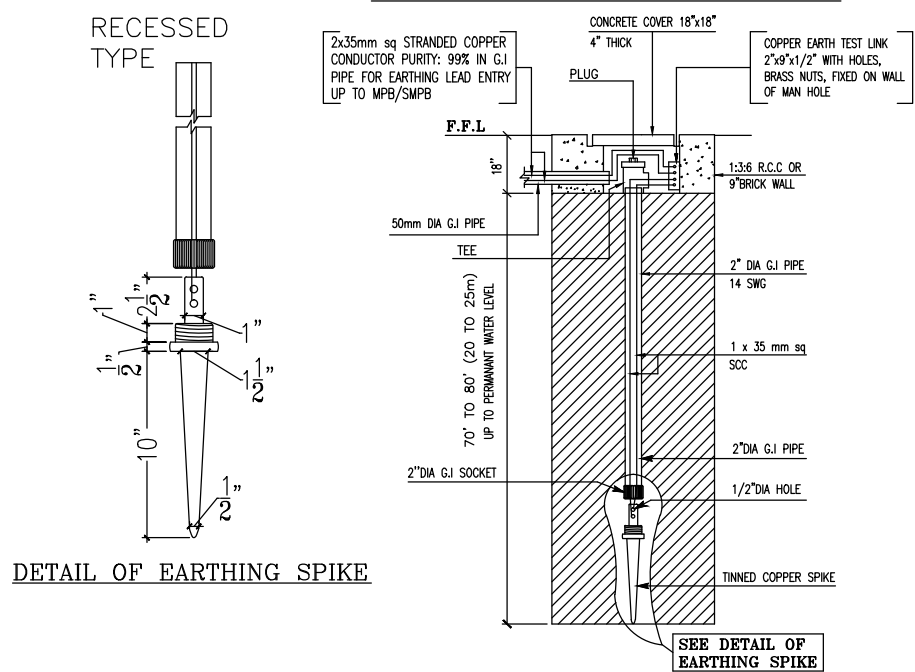
### NOTES FOR EARTHING SYSTEM


- 1- EARTH BORE SHALL BE MADE AT 6'-0" AWAY FROM FOUNDATION. AWAY FROM FOUNDATION.
- 2- DISTANCE BETWEEN 2 EARTH BORES SHALL NOT BE LESS THAN 10ft SHALL NOT BE LESS THAN 10 ft (3m)
- 3- COPPER CONDUCTOR AT TOP OF G.I. PIPE SHALL BE BOLTED WITH THIMBLES, BRASS NUTS, BOLTS ETC.
- 4- JOINTS SHALL BE COVERED WITH BITUMEN
- 5- CONTRACTOR TO MEASURE EARTHING RESISTANCE IN THE PRESENCE OF SITE ENGINEER. BOTH THE SITE ENGINEER & CONTRACTOR SHALL SIGN THE EARTH TESTING RESULT & SUBMIT IT TO THE CLIENT FOR RECORD PROPERLY.

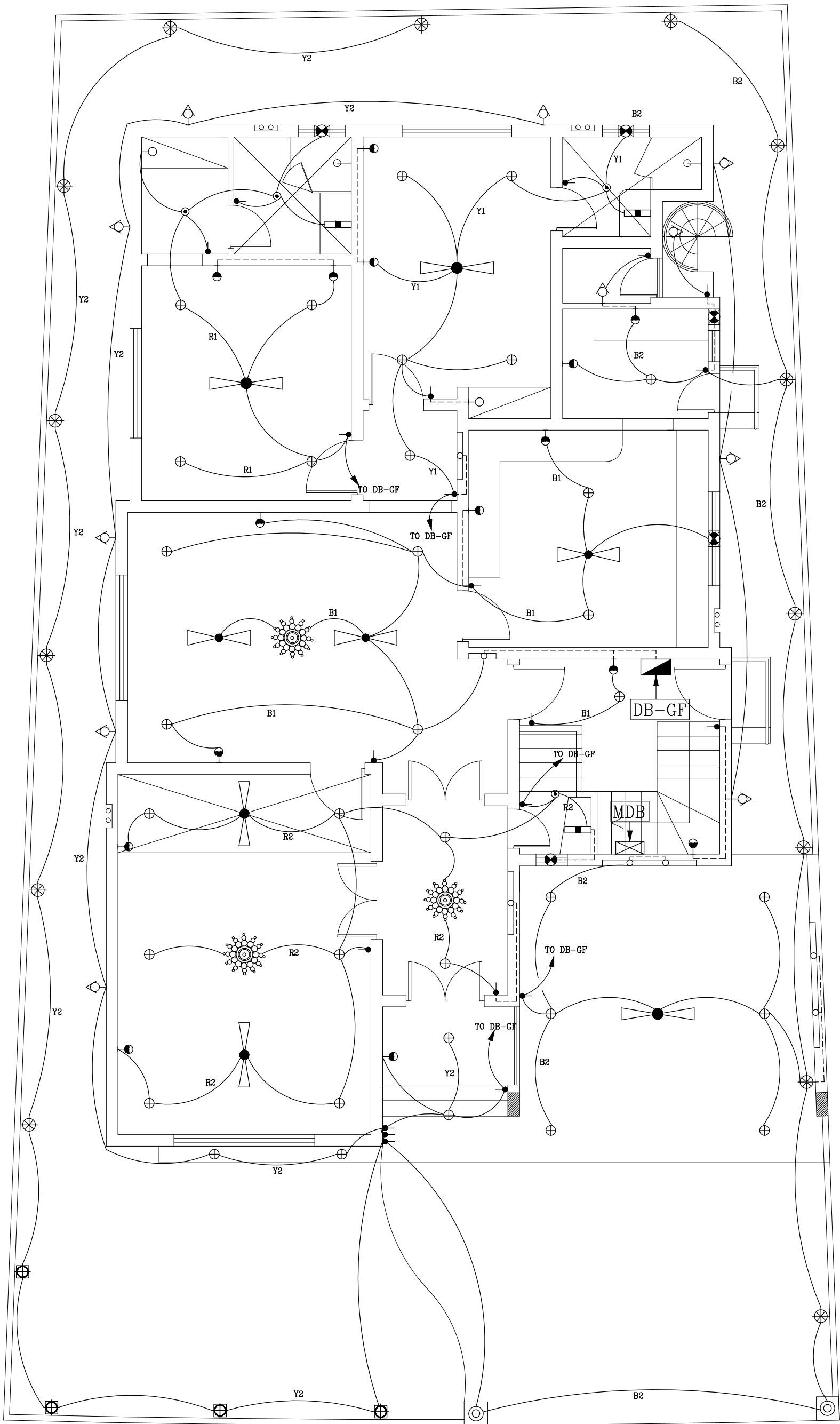


TENTATIVE CONSTRUCTIONAL DETAIL OF:-  
DISTRIBUTION BOARD (DB) RECESSED TYPE.

## EARTHING DETAIL BORE TYPE



Project : <b>KHALEEQ HOUSE</b>			Dwg. GENERAL NOTES	
Project by : <b>Mansoor Durrani Associates</b>		Dwg. No: <b>E-001</b>		<div style="text-align: center;">   N         </div>
Checked By: <b>Qasim Ehsan</b>		Scale. N.T.S      REV. NO : <b>0</b>		
Drawn By : <b>Diilshaad Malik</b>		Date : <b>19 FEB 2018</b>		
			<div style="text-align: center;"> <b>7th Sky</b>  <b>Consultants</b> </div> <div style="text-align: right; font-size: small;">             H # E-57/5, STREET # 1,              QADRI COLONY,              WALTON ROAD,              LAHORE.              Contact no : 0324-4991042              E-mail: qasim.ehsan772@gmail.com           </div>	



Project : **KHALEEQ HOUSE**

Dwg. **GROUND FLOOR  
LIGHTING LAYOUT PLAN**

Project by : **Mansoor Durrani Associates**

Dwg. No: **E-101**

Checked By: **Qasim Ehsan**

Scale. **N.T.S** REV. NO : **0**

Drawn By : **Dilshaad Malik**

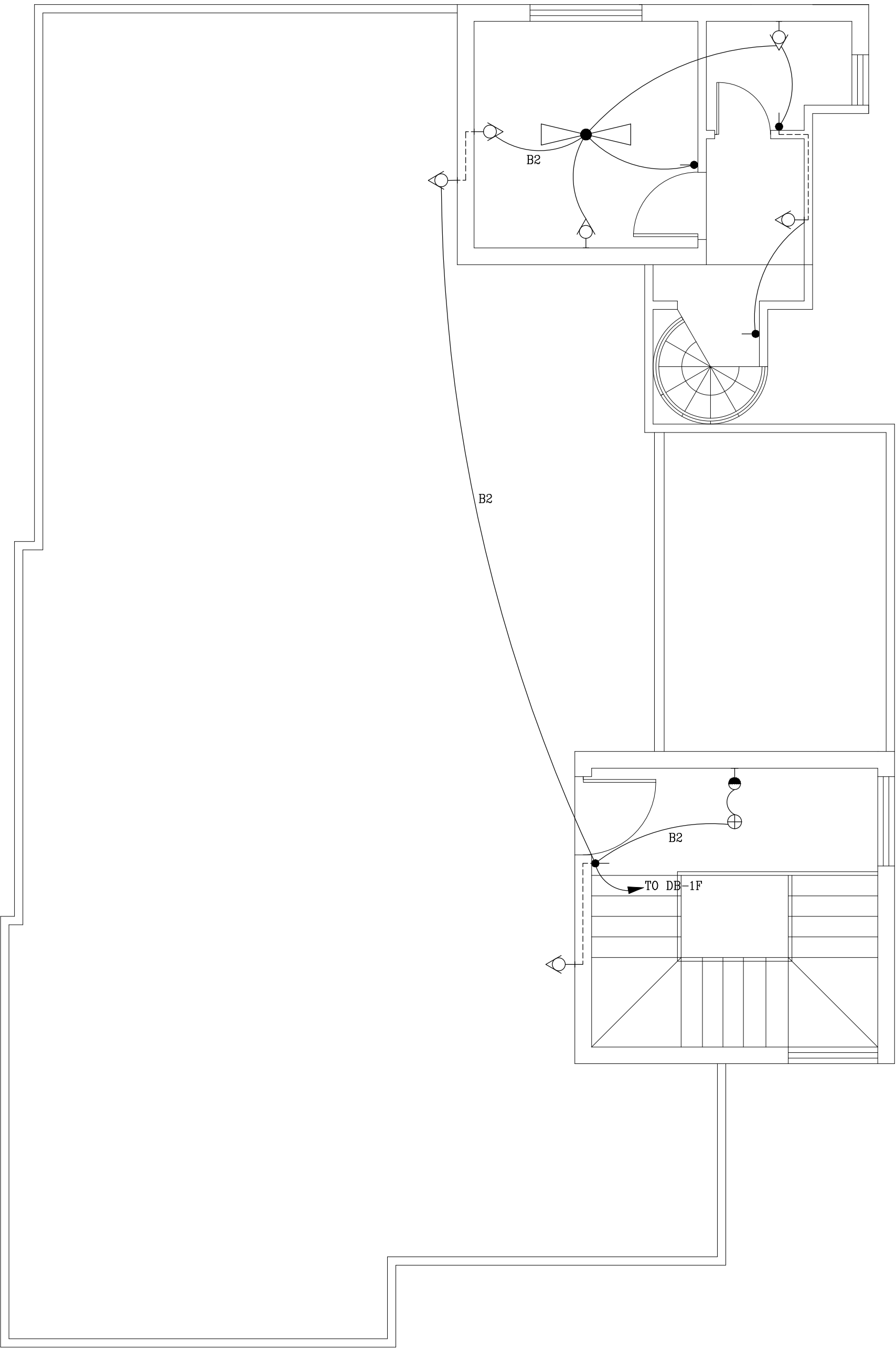
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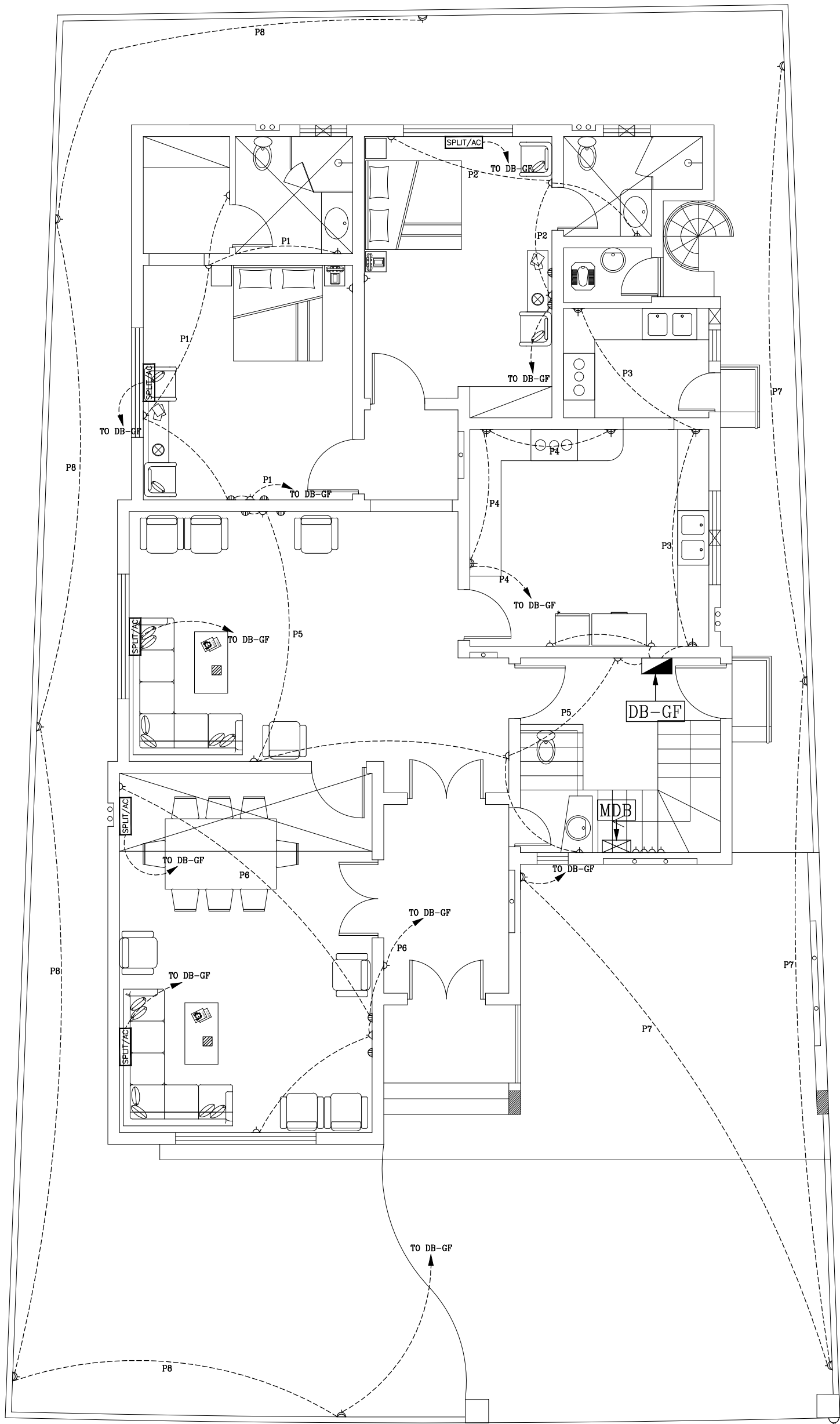
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Consultants**

H # E-57/S, STREET # 1,  
QADRI COLONY,  
WALTON ROAD,  
LAHORE.  
Contact no : 0324-4991042  
E-mail: qasim.ehsan772@gmail.com

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QADRI COLONY,  
WALTON ROAD,  
LAHORE.  
Contact no : 0324-4991042  
E-mail: qasim.ehsan772@gmail.com



Project : KHALEEQ HOUSE			Dwg. SECOND FLOOR LIGHTING LAYOUT PLAN		
Project by : Mansoor Durrani Associates	Dwg. No: E-103		<div>7th Sky Consultants</div> <div>H # E-57/S, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com</div>		
Checked By: Qasim Ehsan	Scale. N.T.S	REV. NO : 0			
Drawn By : Dilshaad Malik	Date : 19 FEB 2018				



Project : **KHALEEQ HOUSE**

Dwg. **GROUND FLOOR  
NORMAL POWER LAYOUT PLAN**

Project by : **Mansoor Durrani Associates**

Dwg. No: **E-104**

Checked By: **Qasim Ehsan**

Scale. **N.T.S** REV. NO : **0**

Drawn By : **Dilshaad Malik**

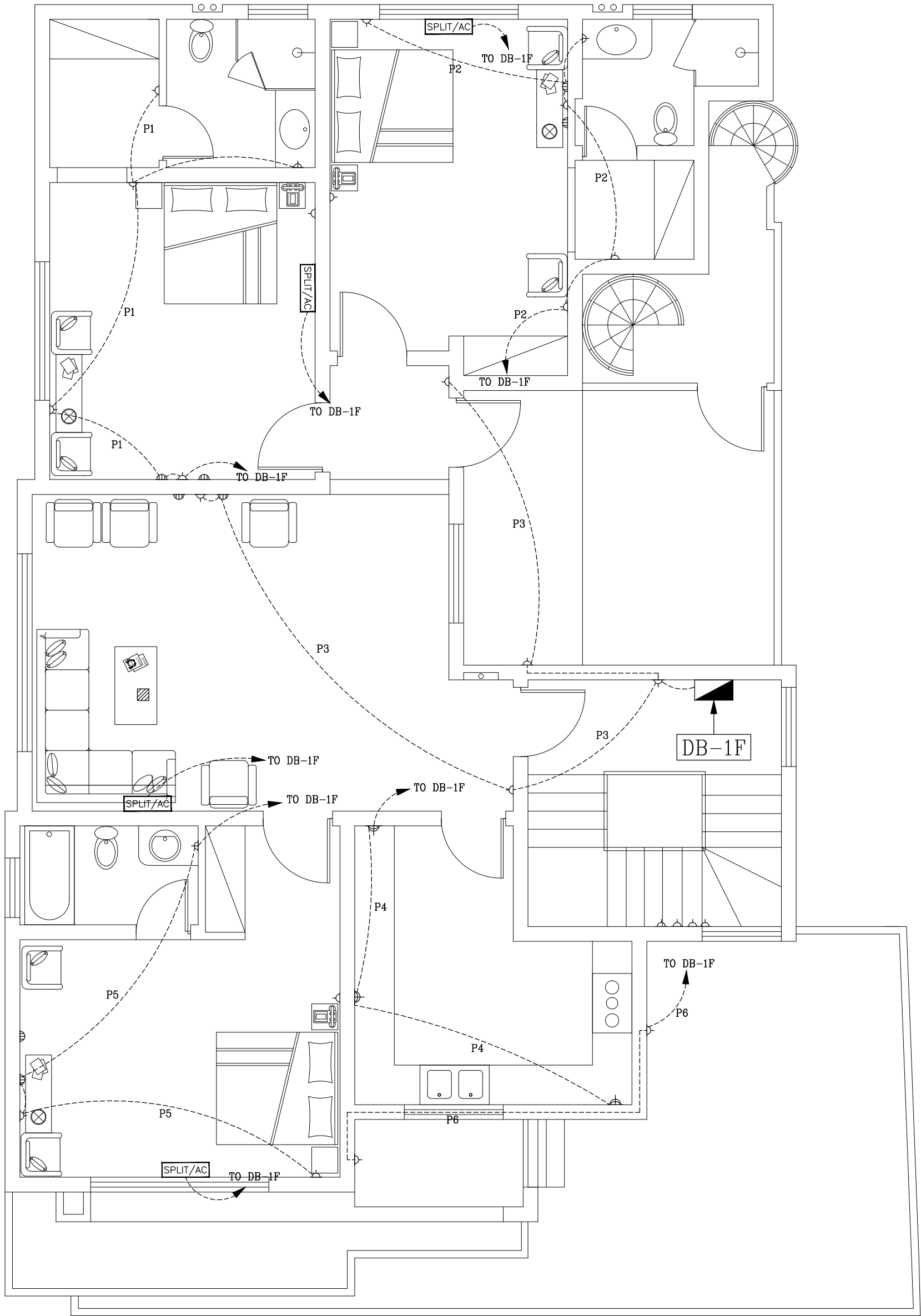
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QADRI COLONY,  
WALTON ROAD,  
LAHORE.  
Contact no : 0324-4991042  
E-mail: qasim.ehsan772@gmail.com





Project : **KHALEEQ HOUSE**

Dwg. **FIRST FLOOR  
NORMAL POWER LAYOUT PLAN**

Project by : **Mansoor Durrani Associates**

Dwg. No: **E-105**

Checked By: **Qasim Ehsan**

Scale. **N.T.S** REV. NO : **0**

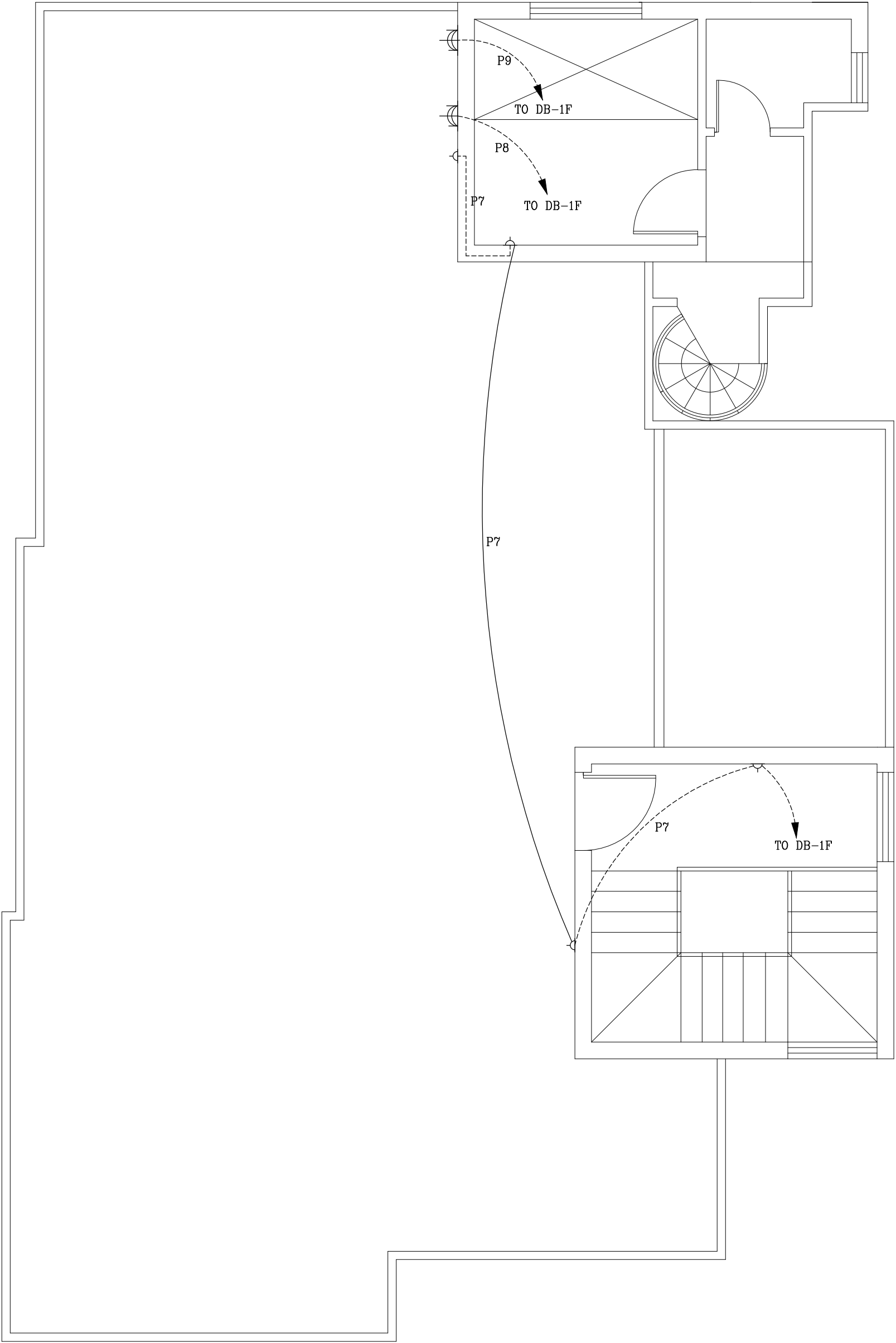
Drawn By : **Dilshaad Malik**

Date : **19 FEB 2018**

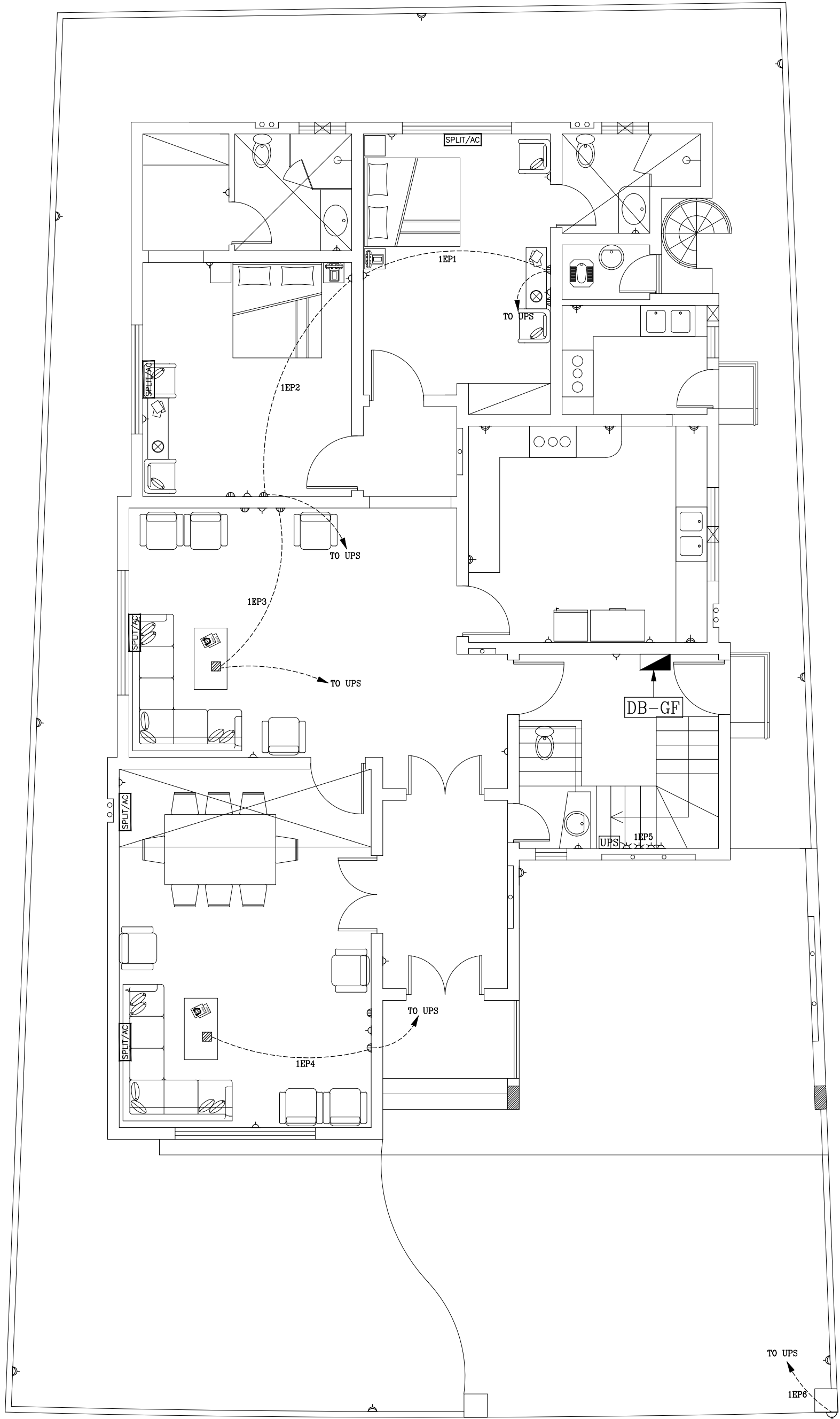


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QADRI COLONY,  
WALTON ROAD,  
LAHORE.  
Contact no : 0324-4991042  
E-mail: qasim.ehsan772@gmail.com



Project : KHALEEQ HOUSE			Dwg. SECOND FLOOR NORMAL POWER LAYOUT PLAN		
Project by : Mansoor Durrani Associates	Dwg. No: E-106		<div>7th Sky Consultants</div> <div>H # E-57/S. STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com</div>		
Checked By: Qasim Ehsan	Scale. N.T.S	REV. NO : 0			
Drawn By : Dilshaad Malik	Date : 19 FEB 2018				



Project : **KHALEEQ HOUSE**

Dwg. **GROUND FLOOR  
UPS POWER LAYOUT PLAN**

Project by : **Mansoor Durrani Associates**

Dwg. No: **E-107**

Checked By: **Qasim Ehsan**

Scale. **N.T.S** REV. NO : **0**

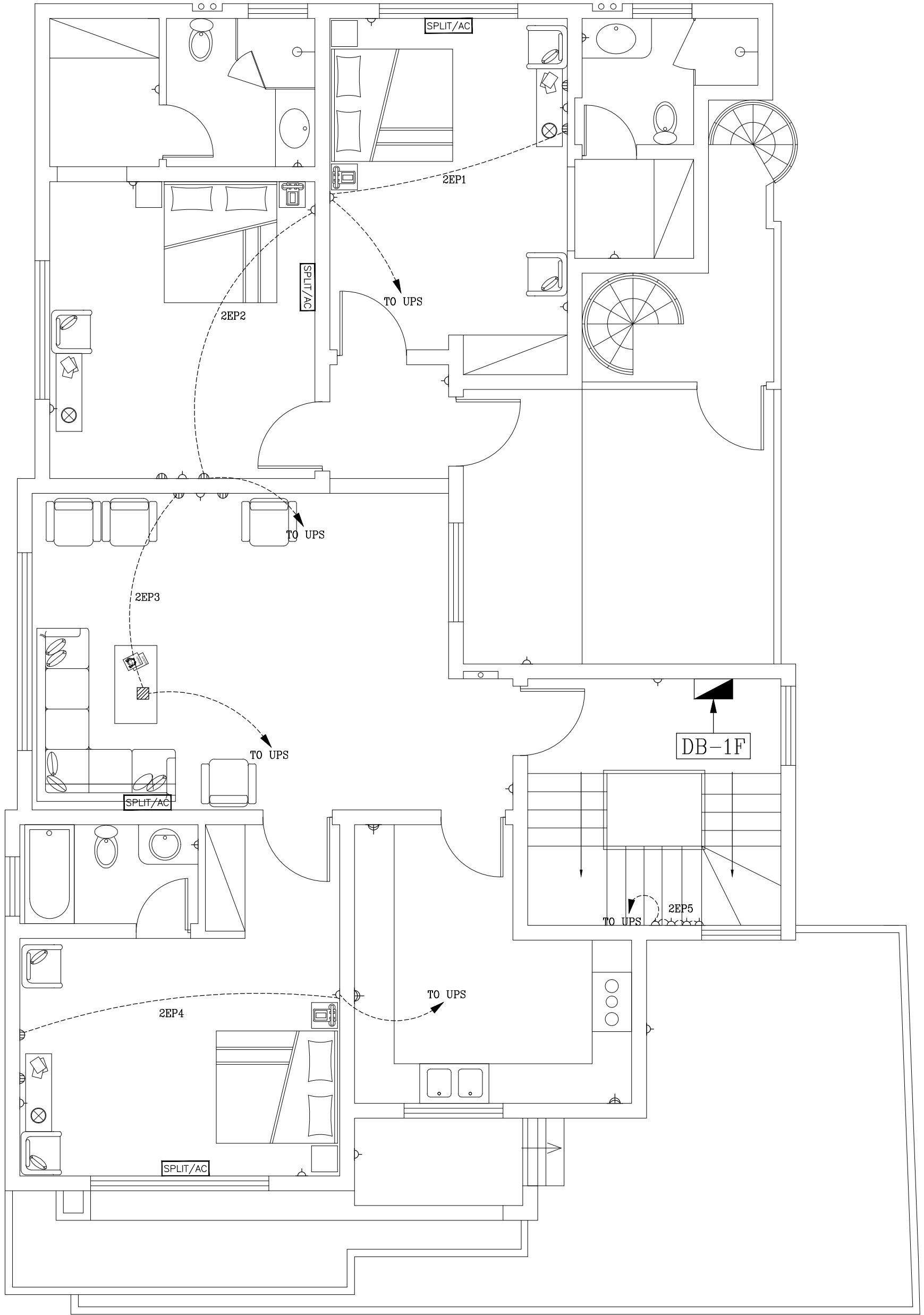
Drawn By : **Dilshaad Malik**

Date : **19 FEB 2018**



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WALTON ROAD,  
LAHORE.  
Contact no : 0324-4991042  
E-mail: qasim.ehsan772@gmail.com



Project : **KHALEEQ HOUSE**

Dwg. **FIRST FLOOR  
UPS POWER LAYOUT PLAN**

Project by : **Mansoor Durrani Associates**

Dwg. No: **E-108**

Checked By: **Qasim Ehsan**

Scale. **N.T.S** REV. NO : **0**

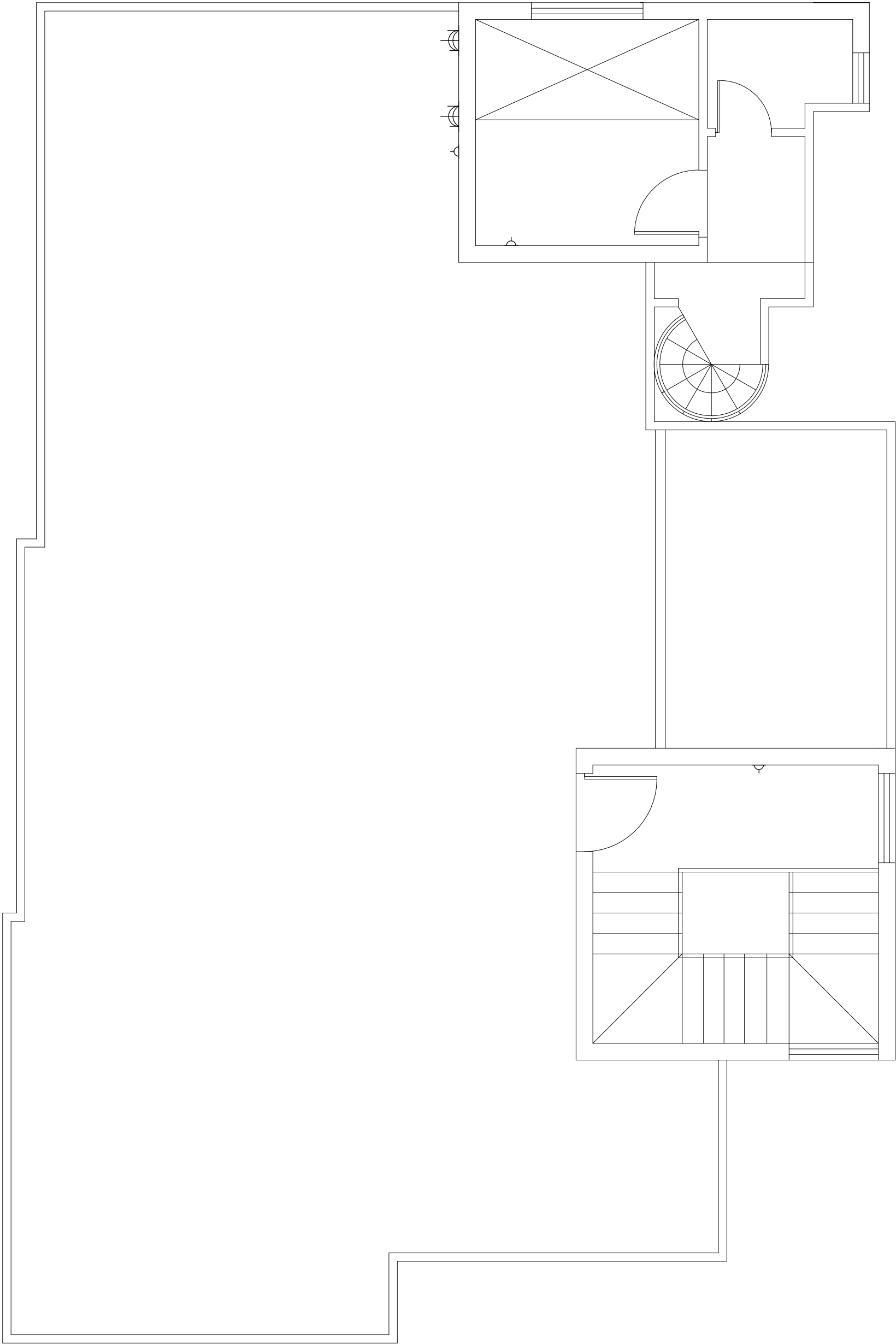
Drawn By : **Dilshaad Malik**


Date : **19 FEB 2018**

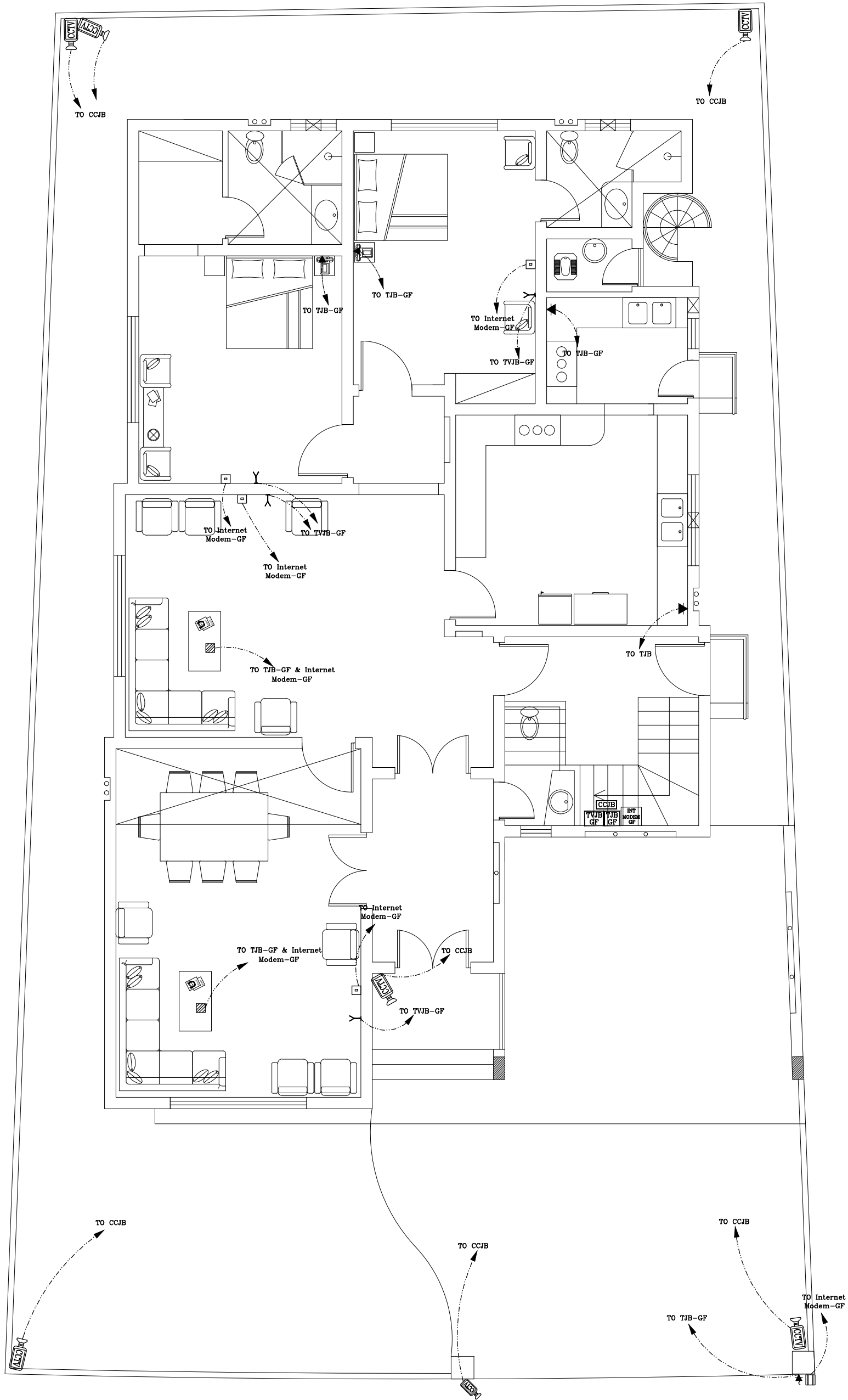


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WALTON ROAD,  
LAHORE.  
Contact no : 0324-4991042  
E-mail: qasim.ehsan772@gmail.com



Project : <b>KHALEEQ HOUSE</b>			Dwg. SECOND FLOOR UPS POWER LAYOUT PLAN		
Project by : <b>Mansoor Durrani Associates</b>		Dwg. No: E-109			<div><b>7th Sky</b> Consultants</div> <div>H # E-57/S, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com</div>
Checked By: <b>Qasim Ehsan</b>		Scale. N.T.S      REV. NO : 0			
Drawn By : <b>Dilshaad Malik</b>		Date : <b>19 FEB 2018</b>			



Project : **KHALEEQ HOUSE**

Dwg. **GROUND FLOOR  
DATA LAYOUT PLAN**

Project by : **Mansoor Durrani Associates**

Dwg. No: **E-110**

Checked By: **Qasim Ehsan**

Scale. **N.T.S** REV. NO : **0**

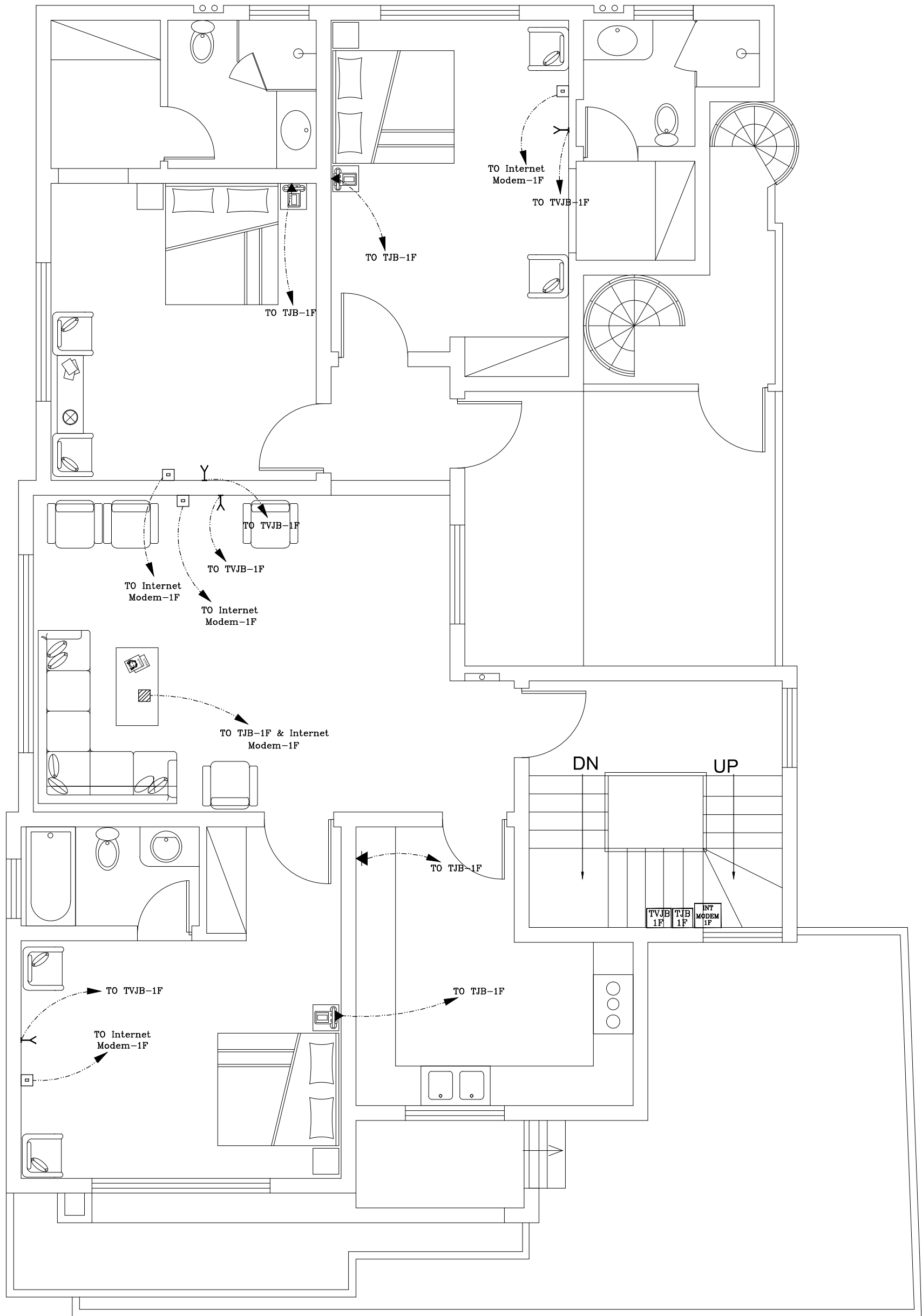
Drawn By : **Dilshaad Malik**

Date : **19 FEB 2018**



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Contact no : 0324-4991042  
E-mail: qasim.ehsan772@gmail.com



Project : **KHALEEQ HOUSE**

Dwg. **FIRST FLOOR  
DATA LAYOUT PLAN**

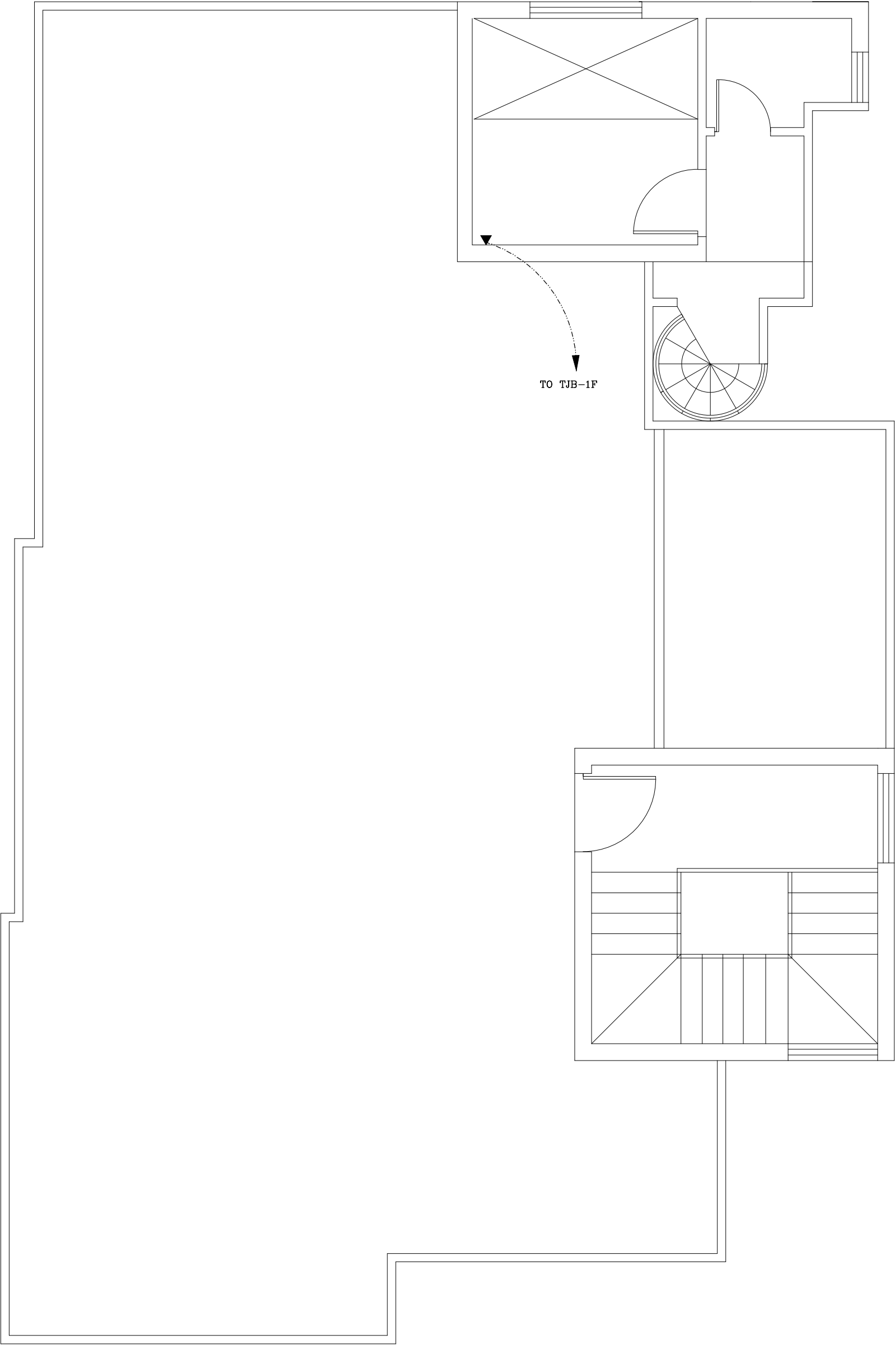
Project by : **Mansoor Durrani Associates**  
 Checked By: **Qasim Ehsan**  
 Drawn By : **Dilshaad Malik**

Dwg. No: **E-111**  
 Scale. **N.T.S** REV. NO : **0**  
 Date : **19 FEB 2018**



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 QADRI COLONY,  
 WALTON ROAD,  
 LAHORE.  
 Contact no : 0324-4991042  
 E-mail: qasim.ehsan772@gmail.com



Project : KHALEEQ HOUSE			Dwg. SECOND FLOOR DATA LAYOUT PLAN		
Project by : Mansoor Durrani Associates	Dwg. No: E-112			<b>7th Sky</b> Consultants	H # E-57/S, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com
Checked By: Qasim Ehsan	Scale. N.T.S	REV. NO : 0			
Drawn By : Dilshaad Malik	Date :	19 FEB 2018			