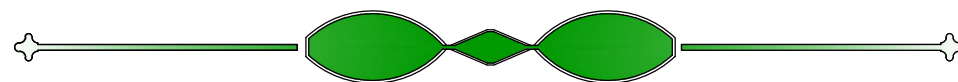
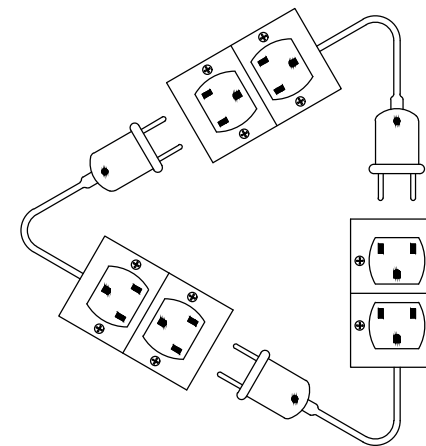
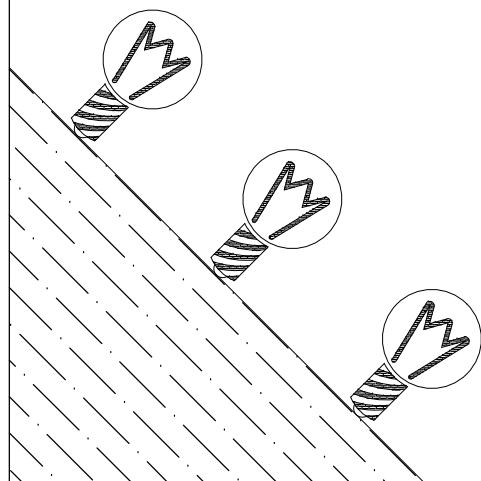
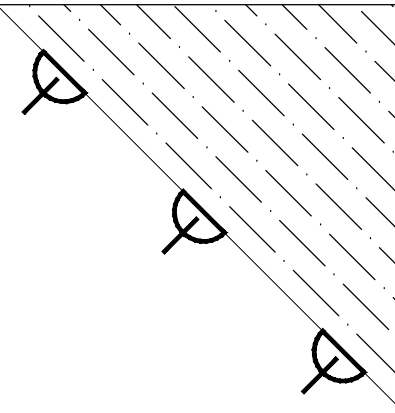
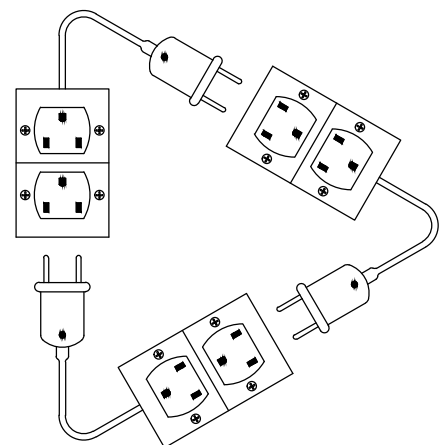


ELECTRICAL DRAWINGS FOR KEMC HOUSE



FEB, 2018

7th Sky
Consultants



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	Basement Lighting Layout Plan		
05	E-102	Ground Floor Lighting Layout Plan		
06	E-103	First Floor Lighting Layout Plan		
07	E-104	Mumty Floor Lighting Layout Plan		
08	E-105	Basement Normal Power Layout Plan		
09	E-106	Ground Floor Normal Power Layout Plan		
10	E-107	First Floor Normal Power Layout Plan		
11	E-108	Mumty Floor Normal Power Layout Plan		
12	E-109	Basement UPS Power Layout Plan		
13	E-110	Ground Floor UPS Power Layout Plan		
14	E-111	First Floor UPS Power Layout Plan		
15	E-112	Mumty Floor UPS Power Layout Plan		
16	E-113	Basement Data Layout Plan		
17	E-114	Ground Floor Data Layout Plan		
18	E-115	First Floor Data Layout Plan		
19	E-116	Mumty Floor Data Layout Plan		

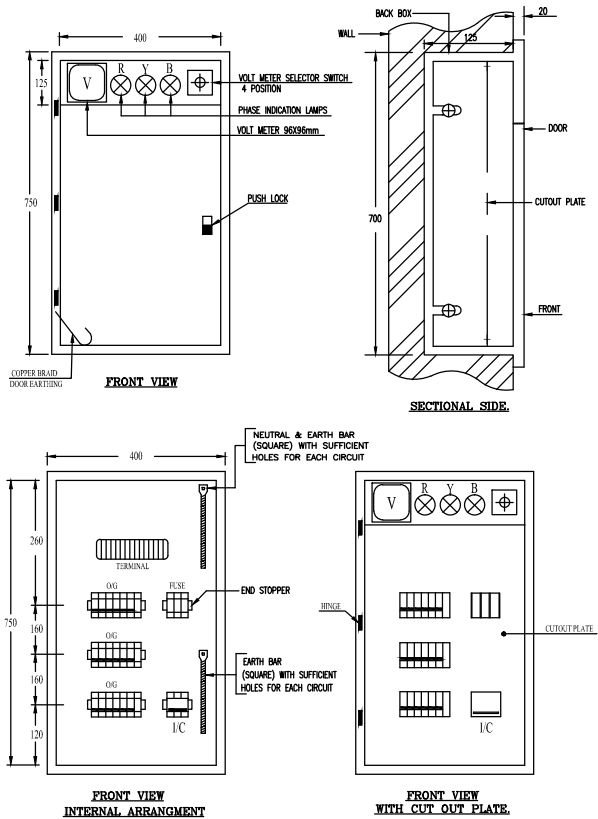
Project : KEMC HOUSE		Dwg. List of Drawings			Total Area=14834 Sq.ft
Checked By: Qasim Ehsan	Dwg. No: E-001	Architect: Development Design Associates		Consultant: 7th Sky Consultants H # E-57/5, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com	
Drawn By : Dilshaad Malik	Scale. N.T.S REV. NO : 0 Date : 12 FEB 2018				

GENERAL & WIRING NOTES:—

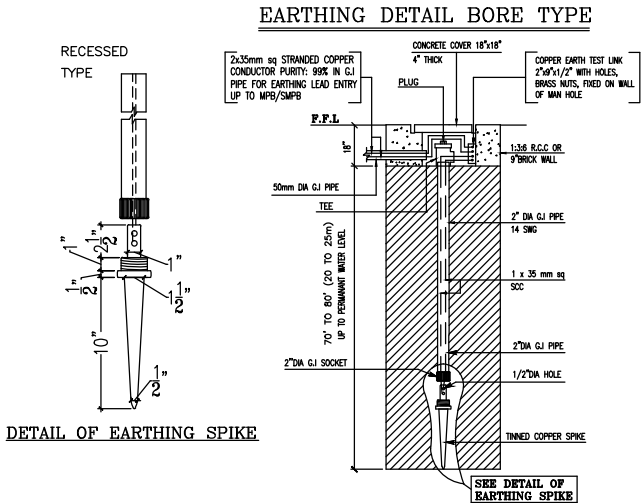
1. ALL ELECTRICAL WORKS PERTAINING TO WIRING OF ELECTRICAL SYSTEMS SHALL STRICTLY CONFORM TO IEE LATEST EDITION OF RULES & REGULATIONS.
2. ALL WIRING SHALL BE DONE IN PVC CONDUIT TO BE CONCEALED IN WALLS, SLABS, COLUMNS & FLOOR OR AS SHOWN ON DRAWINGS. OR AS SHOWN ON DRAWINGS.
3. THE WIRING SHOULD BE 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 LESSTHEN 10ft SHALL NOT BE LESS THEN 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.


















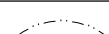







DETAIL OF EARTHING SPIKE

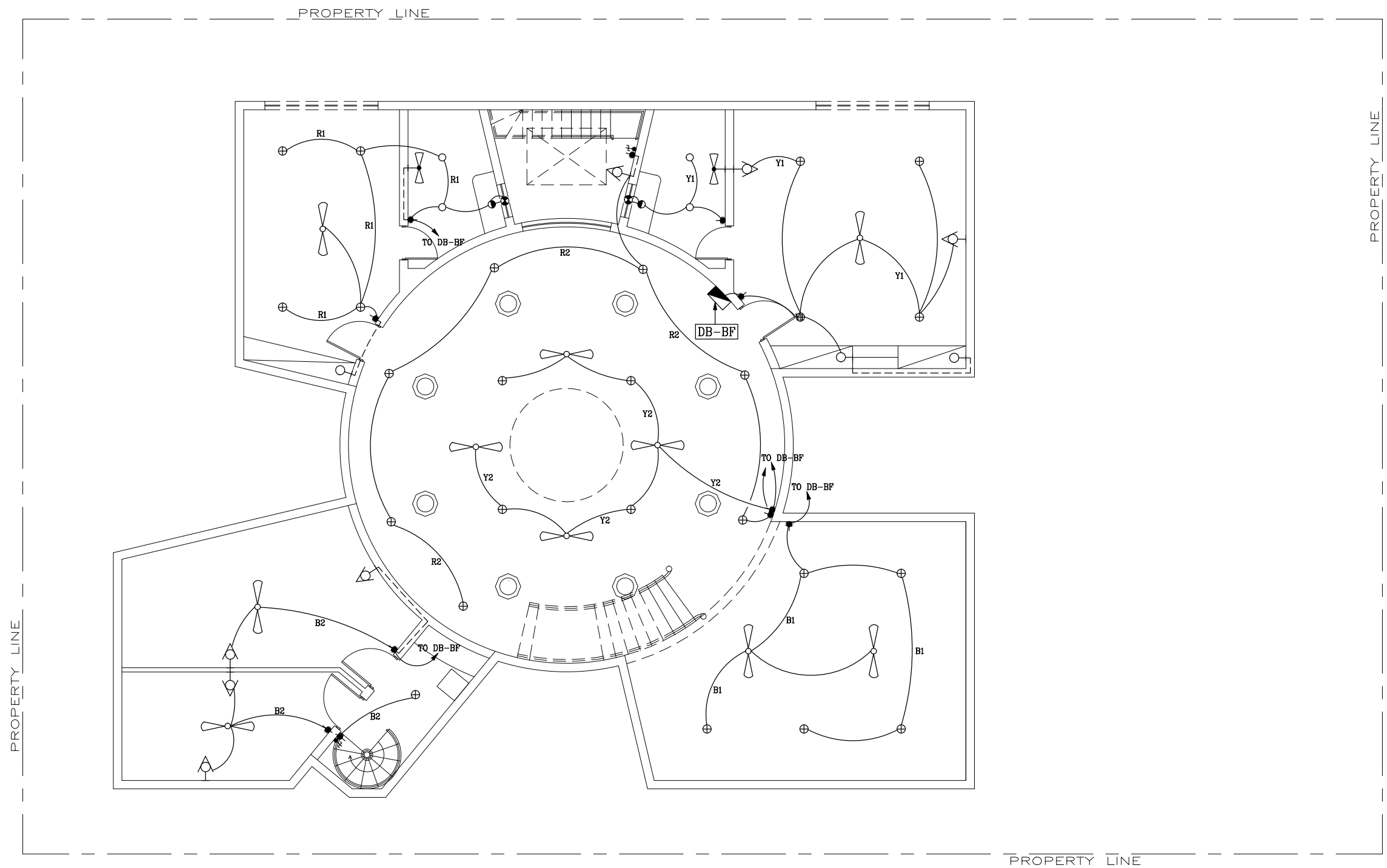
Project : <div>KEMC HOUSE</div>			Dwg. <div>General Notes</div>			Total Area=14834 Sq.ft		
Checked By: Qasim Ehsan		Dwg. No: E-002		Architect: <div>Development Design Associates</div>	Consultant: <div>7th Sky Consultants</div>	H # E-57/5, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com		
Drawn By : Dilshaad Malik		Scale. N.T.S						REV. NO : 0
		Date : 12 FEB 2018						

LEGEND

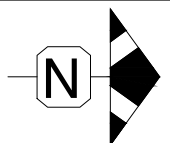
S.NO	SYMBOLS	DESCRIPTION	MOUNTING HEIGHT
1		MIRROR LIGHT POINT	ABOVE MIRROR
2		NICHE LIGHT POINT	IN NICHE
3		CEILING LIGHT POINT	ON SLAB
4		HANGING LIGHT POINT	ON SLAB
5		GATE GLOBE LIGHT	AS REQ.
6		OUTDOOR WALL LIGHT	ON WALL
7		MINI CHANDELIER POINT	ON SLAB
8		CHANDELIER POINT	ON SLAB
9		WALL BRACKET LIGHT POINT IN WARDROBE	ON WALL
10		BULK HEAD LIGHT POINT	7'-6" F.F.L ON WALL
11		PLANT LIGHT POINT	AS REQ.
12		CEILING LIGHT POINT	ON SLAB
13		ROOF LIGHT POINT	AS REQ.
14		FLOOR LIGHT	IN FLOOR
15		LIGHT POINT (BEHIND LCD)	AS REQ.
16		FAN 56''/48''SWEEP WITH M.S HOOK	SLAB SUSPENDED
17		WALL BRACKET FAN	7'-6" F.F.L
18		EXHAUST FAN POINT	SEE DRG.
19		WIRING IN 1''ø PVC CONDUIT	IN FLOOR/SLAB OR WALL
20		5AMPS, ONE WAY SWITCH WITH BACK BOX	3'-6" F.F.L
21		5AMPS, TWO WAY SWITCH WITH BACK BOX	3'-6" F.F.L
22		10AMPS, MULTI PIN SWITCH SOCKET WITH BACK BOX	1'-0" F.F.L
23		10AMPS, MULTI PIN SWITCH SOCKET WITH BACK BOX	4" ABOVE COUNTER LEV.

S.NO	SYMBOLS	DESCRIPTION	MOUNTING HEIGHT
24		15AMPS, MULTI PIN SWITCH SOCKET WITH BACK BOX	4" ABOVE COUNTER LEV.
25		10AMPS, MULTI PIN SWITCH SOCKET WITH BACK BOX (FOR INTERCOM)	4'-6" F.F.L
26		10AMPS, MULTI PIN SWITCH SOCKET WITH BACK BOX (FOR LCD)	4'-6" F.F.L
27		15AMPS, MULTI PIN SWITCH SOCKET WITH BACK BOX	1'-0" F.F.L
28		10AMPS, MULTI PIN DOUBLE SWITCH SOCKET WITH BACK BOX (FOR DATA SYSTEM)	AS REQ.
29		20AMPS, MULTI PIN SWITCH SOCKET WITH BACK BOX (FOR GEYSER & HEATER)	1'-0" F.F.L
30		FLOOR BOX	IN FLOOR
31		MAIN DISTRIBUTION BOARD	3'-6" F.F.L
32		DISTRIBUTION BOARD (LIGHT & POWER)	3'-6" F.F.L
33		SPLIT A/C	12" ABOVE WINDOW LEVEL OR AS REQ
34		CCTV CAMERA	ON WALL
35		DATA POINT OUTLET (FOR INTERCOM)	4'-6" F.F.L
36		DATA POINT OUTLET (FOR LCD)	4'-6" F.F.L
37		TELEPHONE POINT OUTLETS	1'-0" F.F.L
38		TELEPHONE POINT OUTLETS	4" ABOVE COUNTER LEV.
39		TELEPHONE POINT OUTLETS (FOR INTERCOM)	4'-6" F.F.L
40		TELEPHONE JUNCTION BOARD	AS REQ.
41		WIRING IN 1''ø PVC CONDUIT FOR TELEPHONE SYSTEM	IN FLOOR/SLAB OR WALL
42		TV CABLE OUTLETS POINTS FOR TV CABLE SYSTEM	4'-6" F.F.L
43		TV CABLE JUNCTION BOARD	AS REQ.
44		DIGITAL VIDEO RECORDER	AS REQ.
45		UNINTERRUPTIBLE POWER SUPPLY	1'-0" F.F.L
46		INTERNET MODEM WITH WIFI	AS REQ.

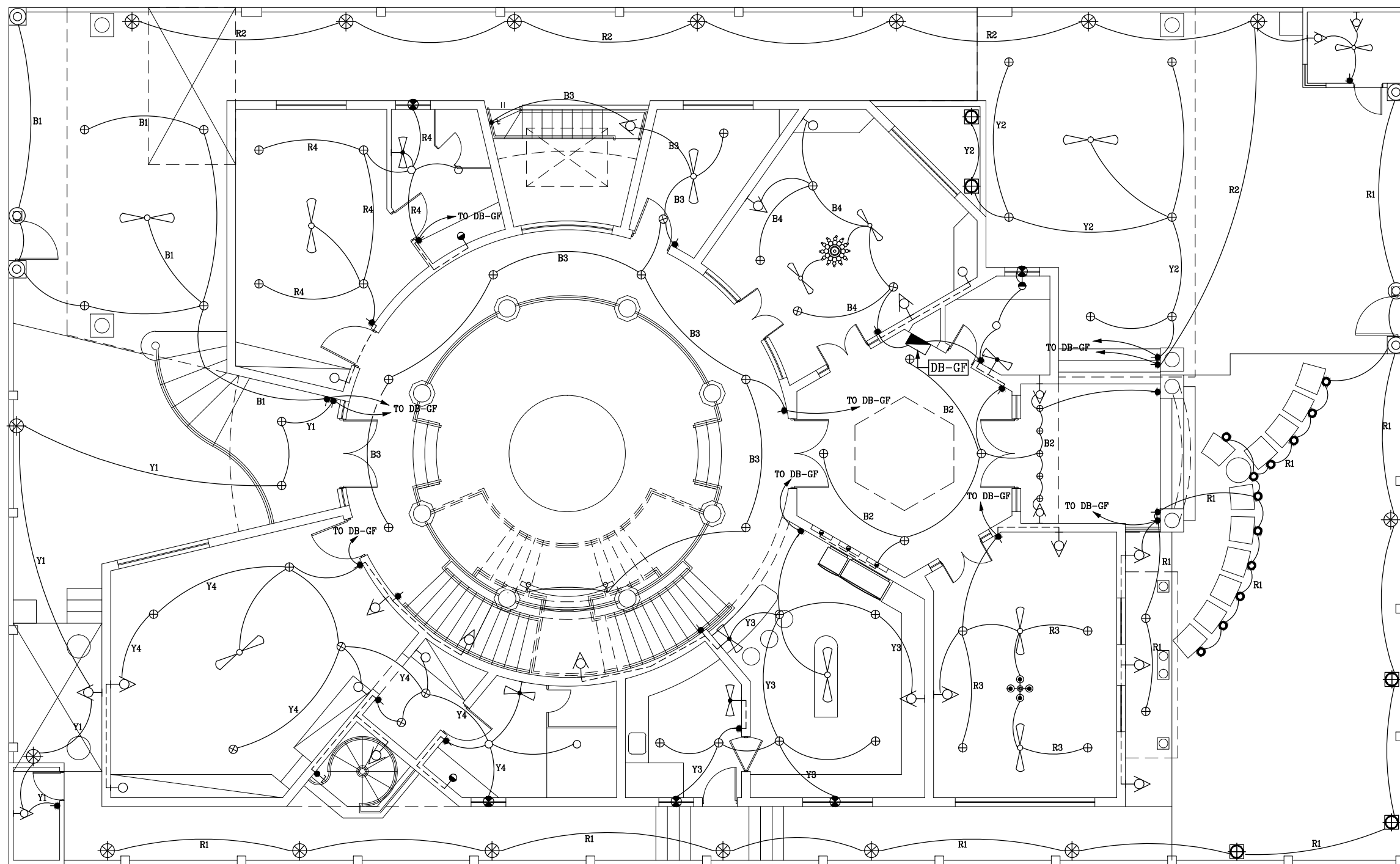
Project : KEMC HOUSE		Dwg. Legend		Total Area=14834 Sq.ft	
Checked By: Qasim Ehsan	Dwg. No: E-100		Architect: Development Design Associates		Consultant: 7th Sky Consultants H # E-57/5, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com
Drawn By : Dilshaad Malik	Scale. N.T.S	REV. NO : 0			
	Date : 12 FEB 2018				



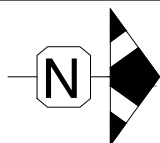
BASEMENT FLOOR
COVERED AREA = 3711 Sft



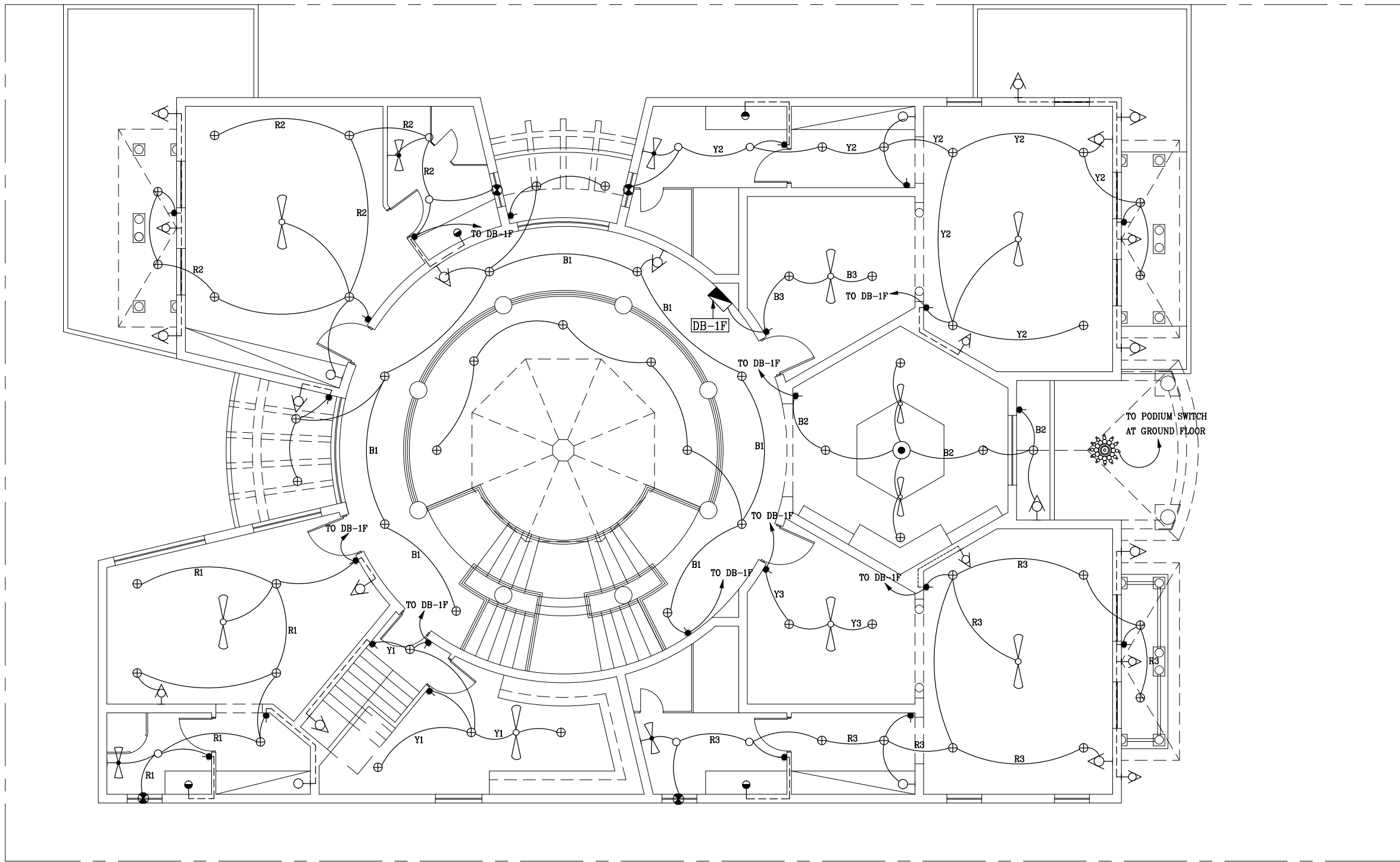
Project : KEMC HOUSE			Dwg. Basement Lighting Layout Plan		B.F Area=3711 Sq.ft		Total Area=14834 Sq.ft		
Checked By: Qasim Ehsan		Dwg. No: E-101		Architect: Development Design Associates				Consultant: 7th Sky Consultants H # E-57/5, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com	
Drawn By : Dilshaad Malik		Scale. N.T.S REV. NO : 0							
		Date : 12 FEB 2018							



GROUND FLOOR
COVERED AREA = 5724 Sft

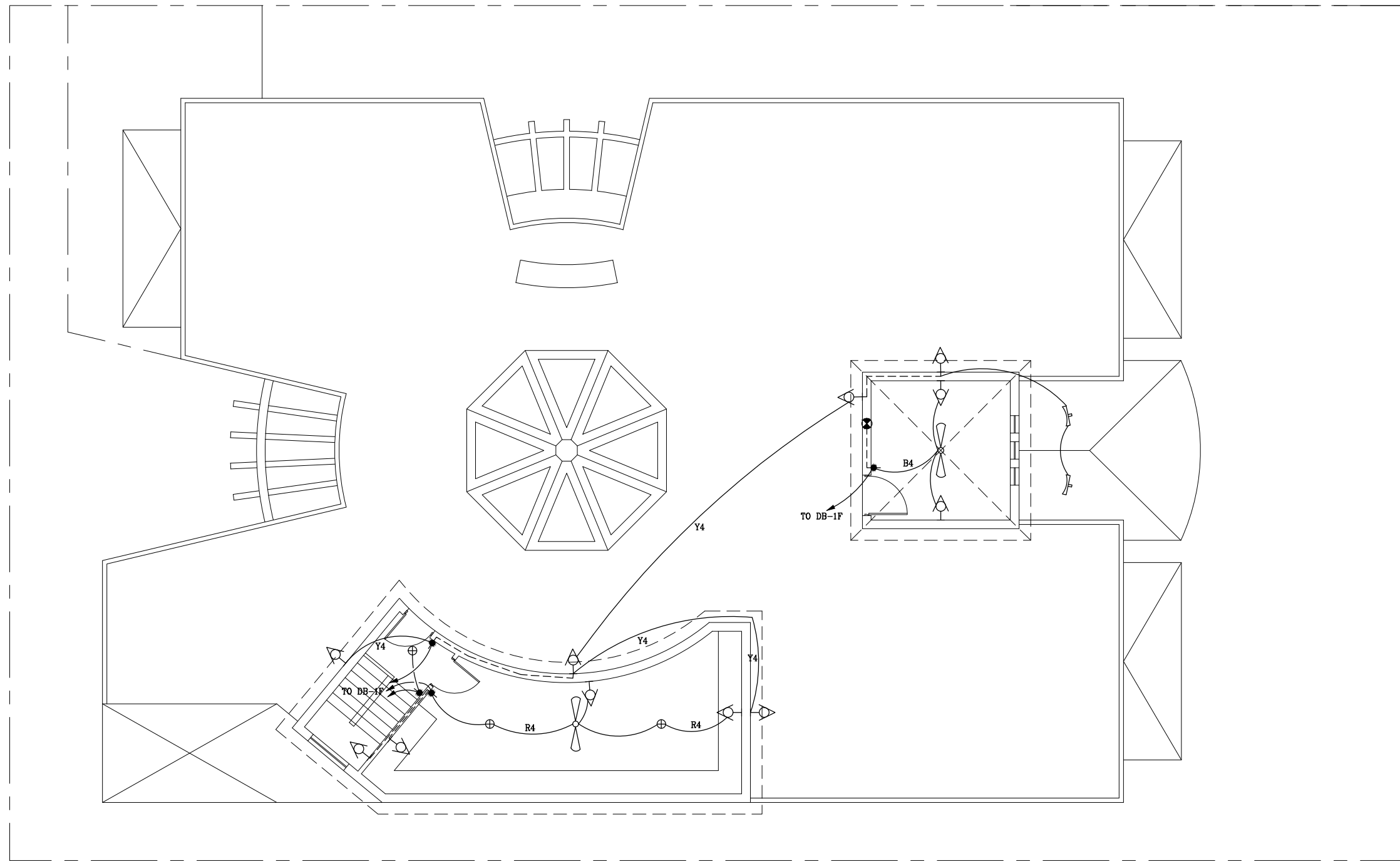


Project : KEMC HOUSE		Dwg. Ground Floor Lighting Layout Plan		G.F Area=5724 Sq.ft	Total Area=14834 Sq.ft
Checked By: Qasim Ehsan	Dwg. No: E-102	Architect: Development Design Associates		Consultant: 7th Sky Consultants H # E-57/5, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com	
Drawn By : Dilshaad Malik	Scale. N.T.S REV. NO : 0 Date : 12 FEB 2018				

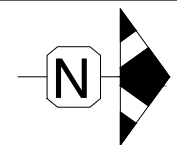


FIRST FLOOR
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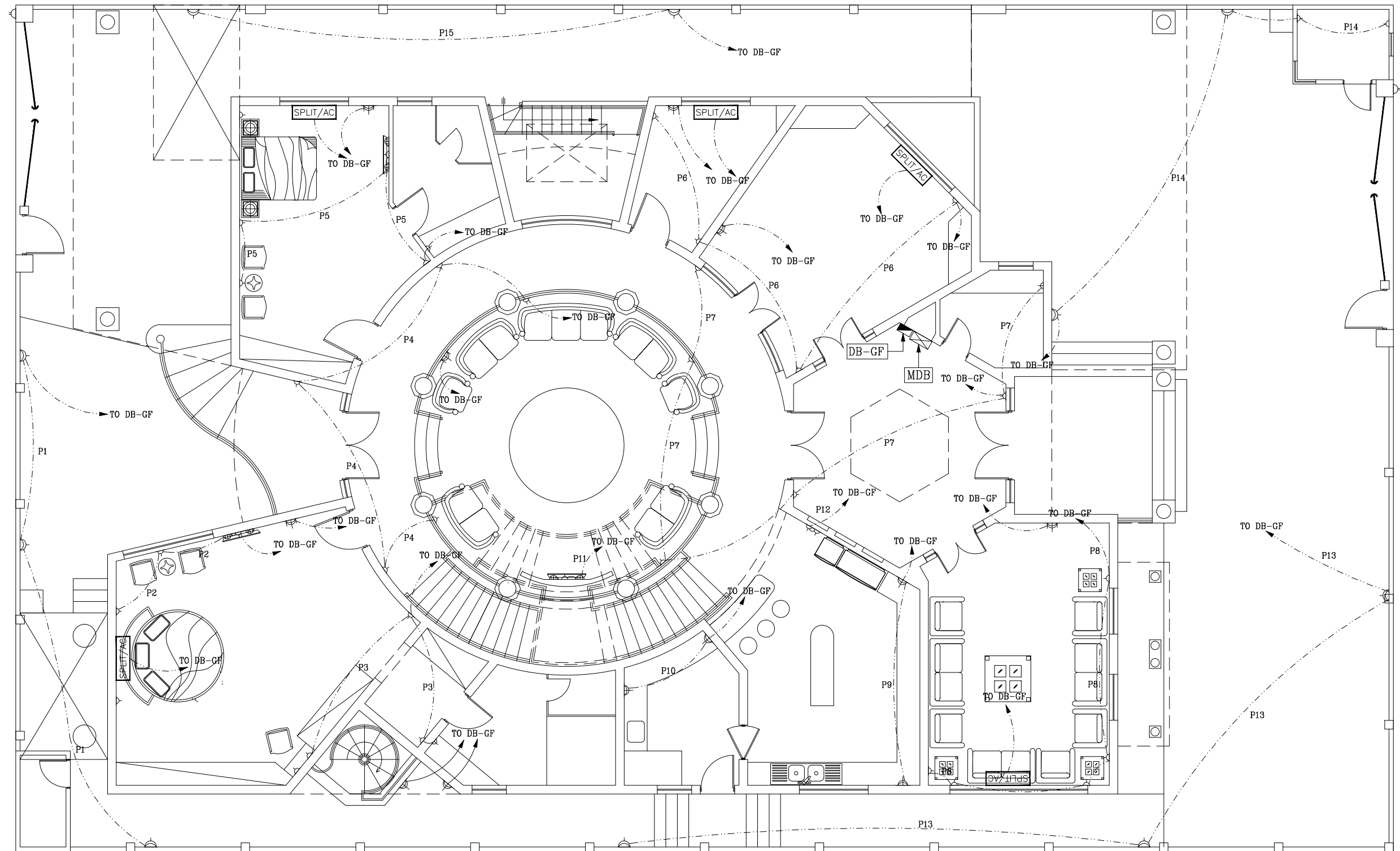
Project : KEMC HOUSE		Dwg. First Floor Lighting Layout Plan		1.F Area=4521 Sq.ft	Total Area=14834 Sq.ft
Checked By: Qasim Ehsan	Dwg. No: E-103	Architect: Development Design Associates		Consultant: 7th Sky Consultants H # E-57/5, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com	
Drawn By : Dilshaad Malik	Scale. N.T.S REV. NO : 0 Date : 12 FEB 2018				



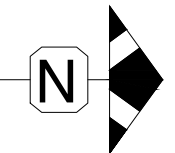
MUMTY FLOOR
COVERED AREA = 878 Sft



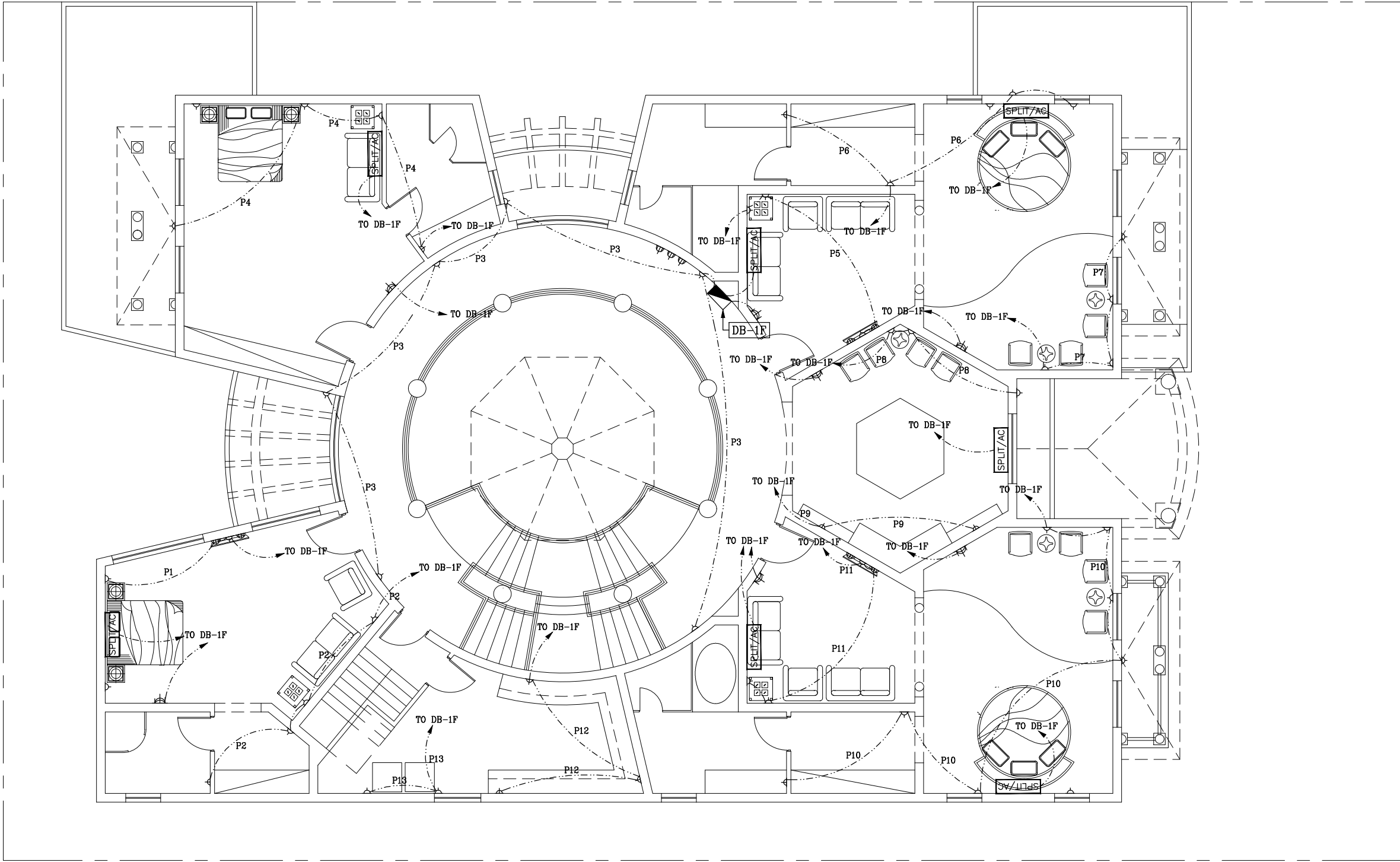
Project : KEMC HOUSE		Dwg. Mumty Floor Lighting Layout Plan	M.F Area=878 Sq.ft	Total Area=14834 Sq.ft
Checked By: Qasim Ehsan	Dwg. No: E-104	Architect: Development Design Associates	Consultant: 7th Sky Consultants	H # E-57/5, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com
Drawn By : Dilshaad Malik	Scale. N.T.S REV. NO : 0 Date : 12 FEB 2018			



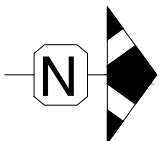
GROUND FLOOR
COVERED AREA = 5724 Sft



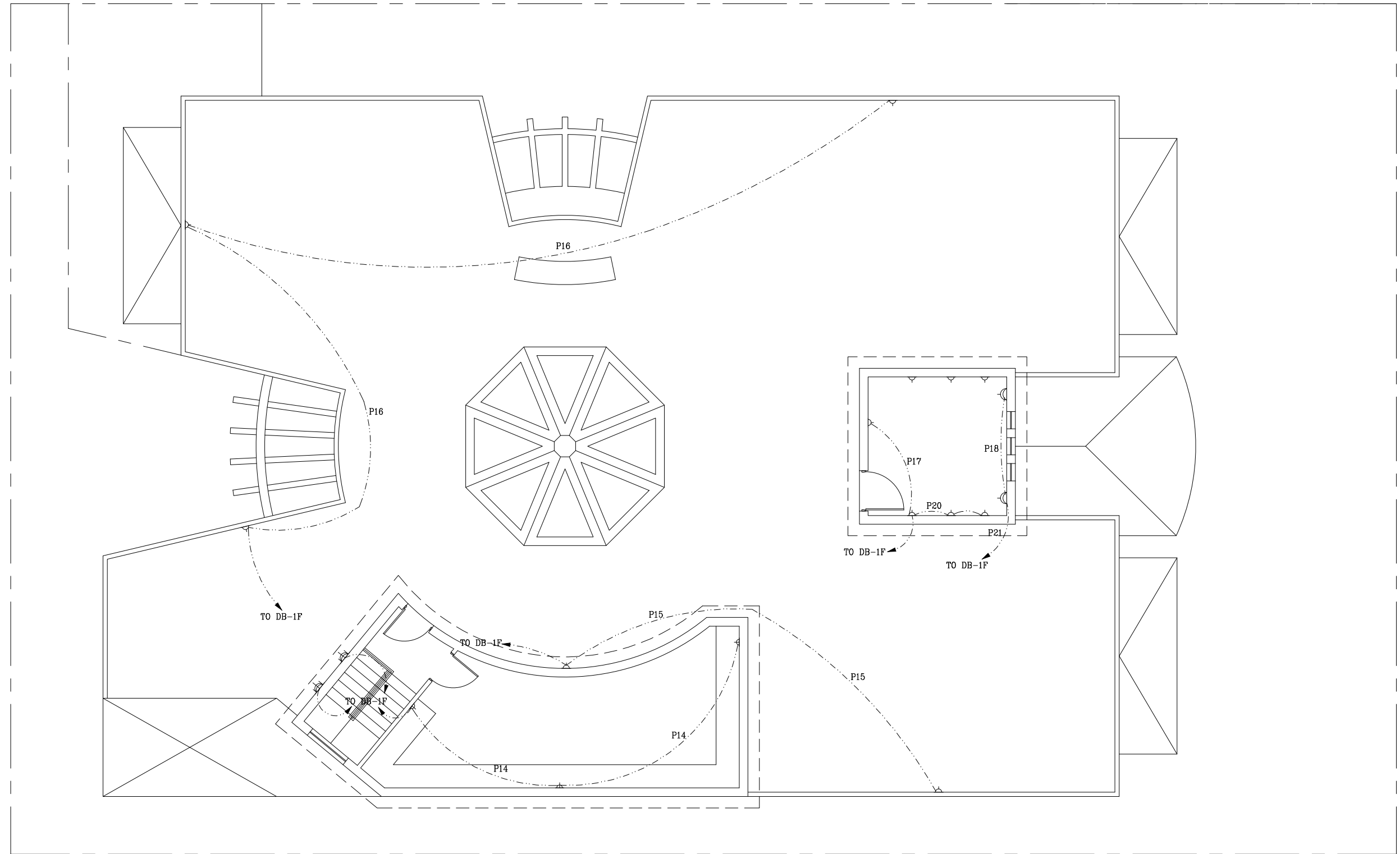
Project : KEMC HOUSE		Dwg. Ground Floor Normal Power Layout Plan	G.F Area=5724 Sq.ft	Total Area=14834 Sq.ft
Checked By: Qasim Ehsan	Dwg. No: E-106		Consultant: 7th Sky Consultants H # E-57/5, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com	
Drawn By : Dilshaad Malik	Scale. N.T.S	REV. NO : 0		
	Date : 12 FEB 2018	Architect: Development Design Associates		



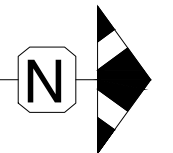
FIRST FLOOR
COVERED AREA = 4521 Sft



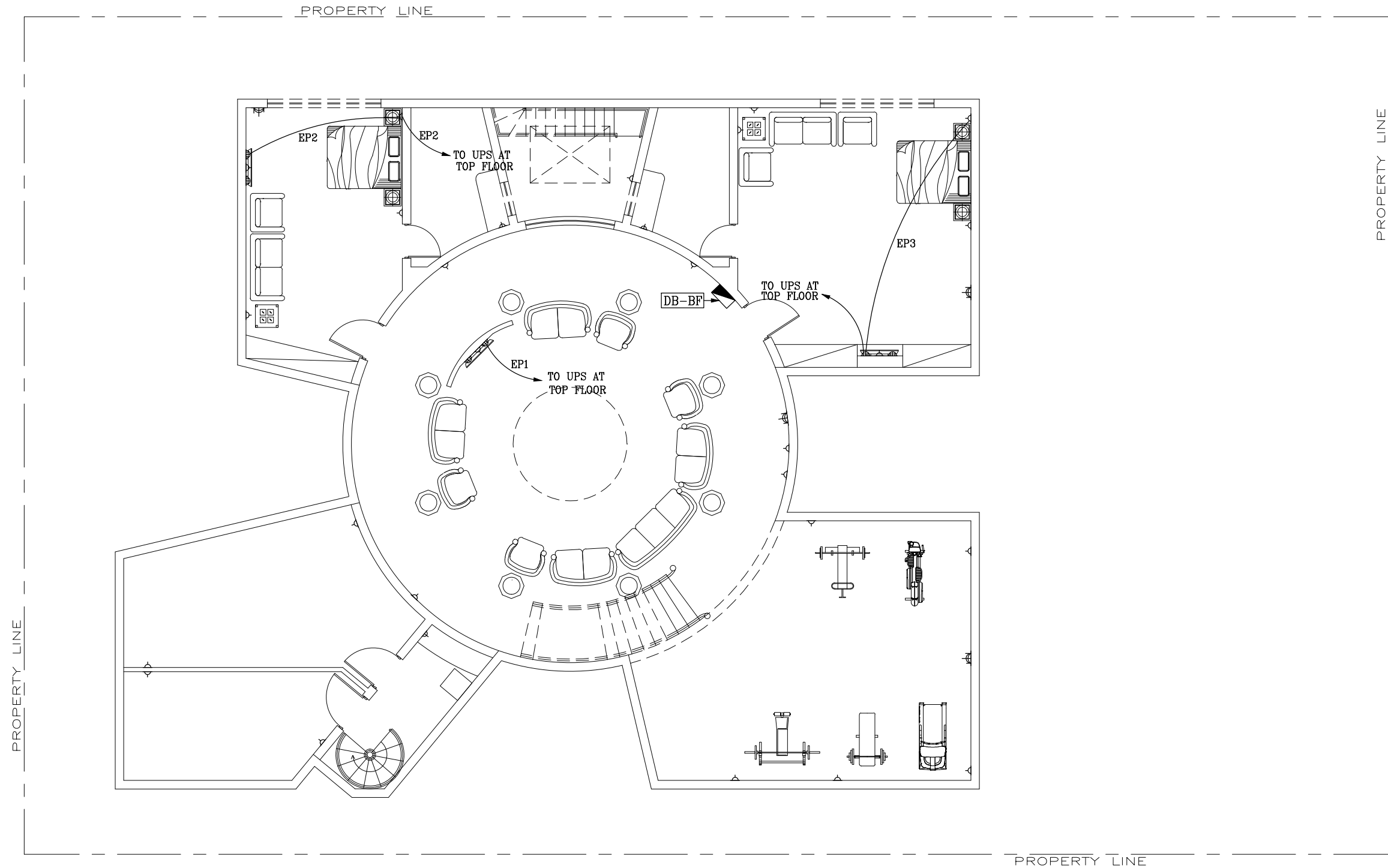
Project : KEMC HOUSE		Dwg. First Floor Normal Power Layout Plan		1.F Area=4521 Sq.ft	Total Area=14834 Sq.ft
Checked By: Qasim Ehsan	Dwg. No: E-107	Architect: Development Design Associates		Consultant: 7th Sky Consultants	
Drawn By : Dilshaad Malik	Scale. N.T.S REV. NO : 0				
	Date : 12 FEB 2018			H # E-57/5, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com	



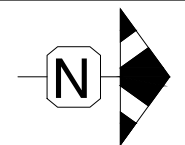
MUMTY FLOOR
COVERED AREA = 878 Sft



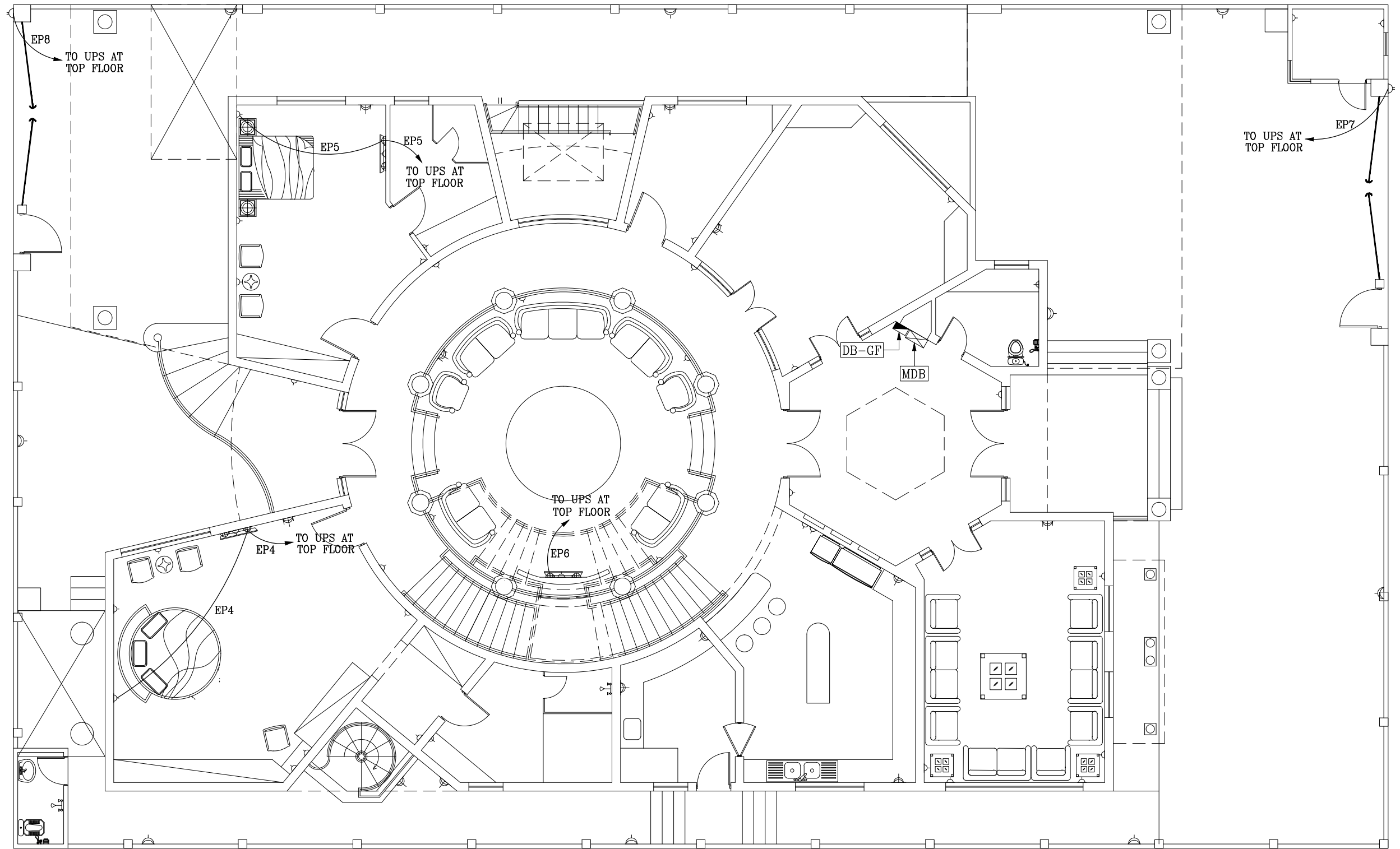
Project : KEMC HOUSE		Dwg. Mumty Floor Normal Power Layout Plan		M.F Area=878 Sq.ft	Total Area=14834 Sq.ft
Checked By: Qasim Ehsan	Dwg. No: E-108	Architect: Development Design Associates		Consultant: 7th Sky Consultants	
Drawn By : Dilshaad Malik	Scale. N.T.S REV. NO : 0				
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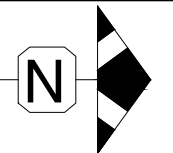
BASEMENT FLOOR
COVERED AREA = 3711 Sft



Project : KEMC HOUSE		Dwg. Basement UPS Power Layout Plan		B.F Area=3711 Sq.ft	Total Area=14834 Sq.ft
Checked By: Qasim Ehsan	Dwg. No: E-109	Architect: Development Design Associates		Consultant: 7th Sky Consultants	
Drawn By : Dilshaad Malik	Scale. N.T.S REV. NO : 0				
	Date : 12 FEB 2018			H # E-57/5, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com	

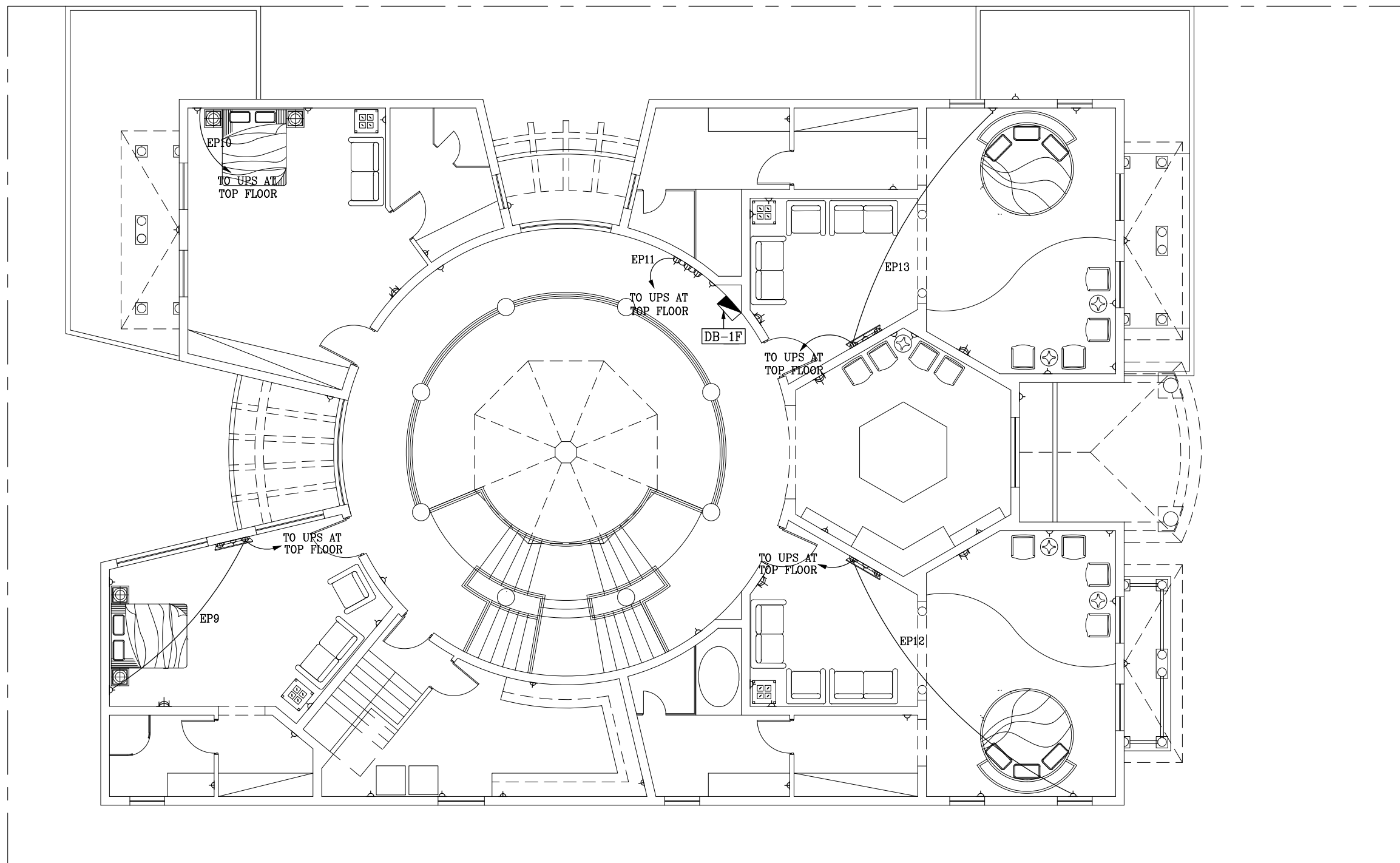


GROUND FLOOR
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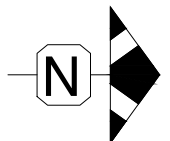


Project : KEMC HOUSE		Dwg. Ground Floor UPS Power Layout Plan		G.F Area=5724 Sq.ft	Total Area=14834 Sq.ft
Checked By: Qasim Ehsan	Dwg. No: E-110	Architect: Development Design Associates		Consultant: 7th Sky Consultants	
Drawn By : Dilshaad Malik	Scale. N.T.S				
	REV. NO : 0				
	Date : 12 FEB 2018				

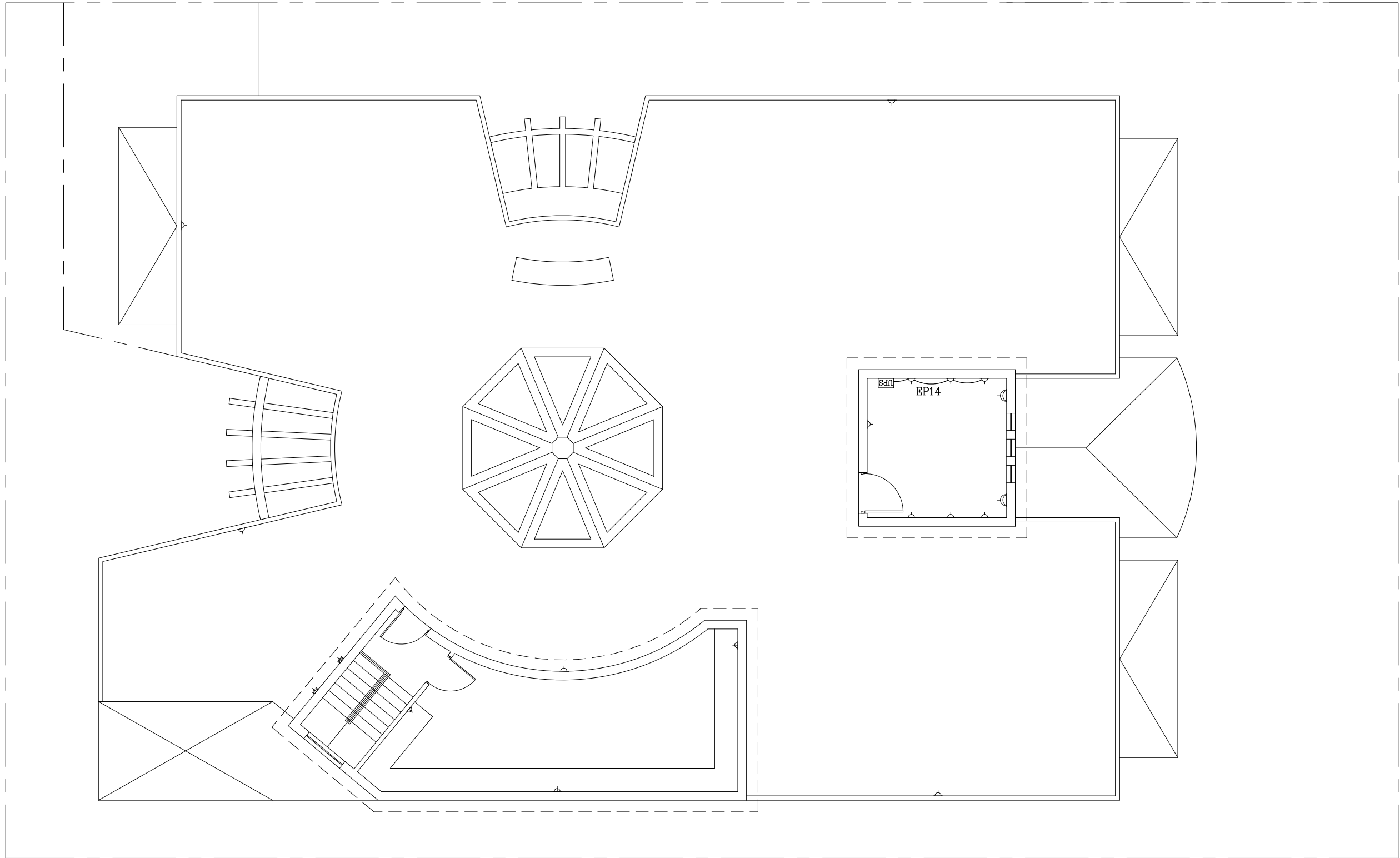
H # E-57/5, STREET # 1,
QADRI COLONY,
WALTON ROAD,
LAHORE.
Contact no : 0324-4991042
E-mail: qasim.ehsan772@gmail.com



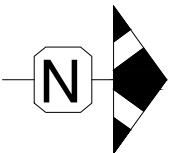
FIRST FLOOR
COVERED AREA = 4521 Sft



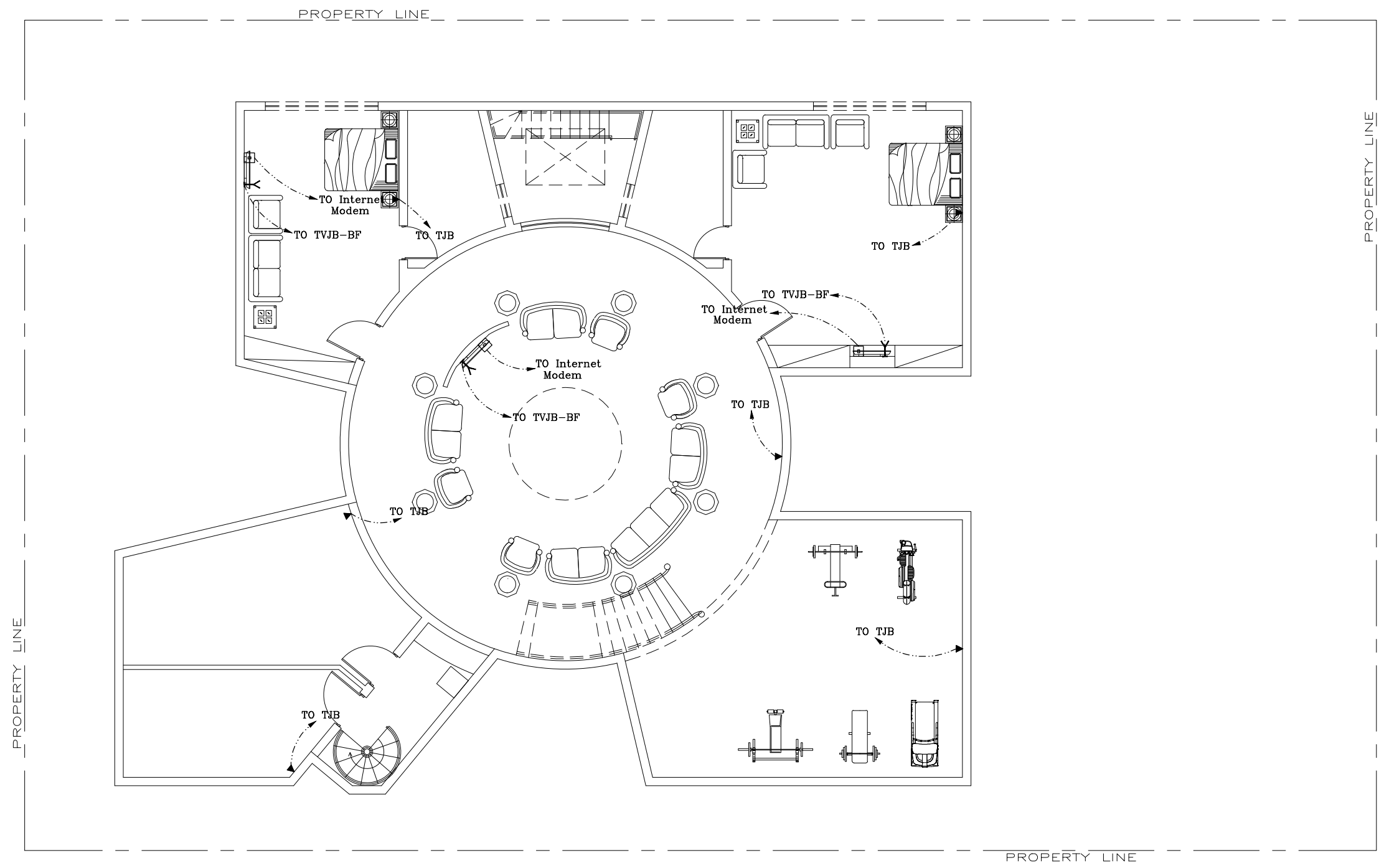
Project : KEMC HOUSE		Dwg. First Floor UPS Power Layout Plan	1.F Area=4521 Sq.ft	Total Area=14834 Sq.ft
Checked By: Qasim Ehsan	Dwg. No: E-111	Architect: Development Design Associates	Consultant: 7th Sky Consultants	H # E-57/5, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com
Drawn By : Dilshaad Malik	Scale. N.T.S REV. NO : 0 Date : 12 FEB 2018			



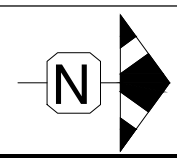
MUMTY FLOOR
COVERED AREA = 878 Sft



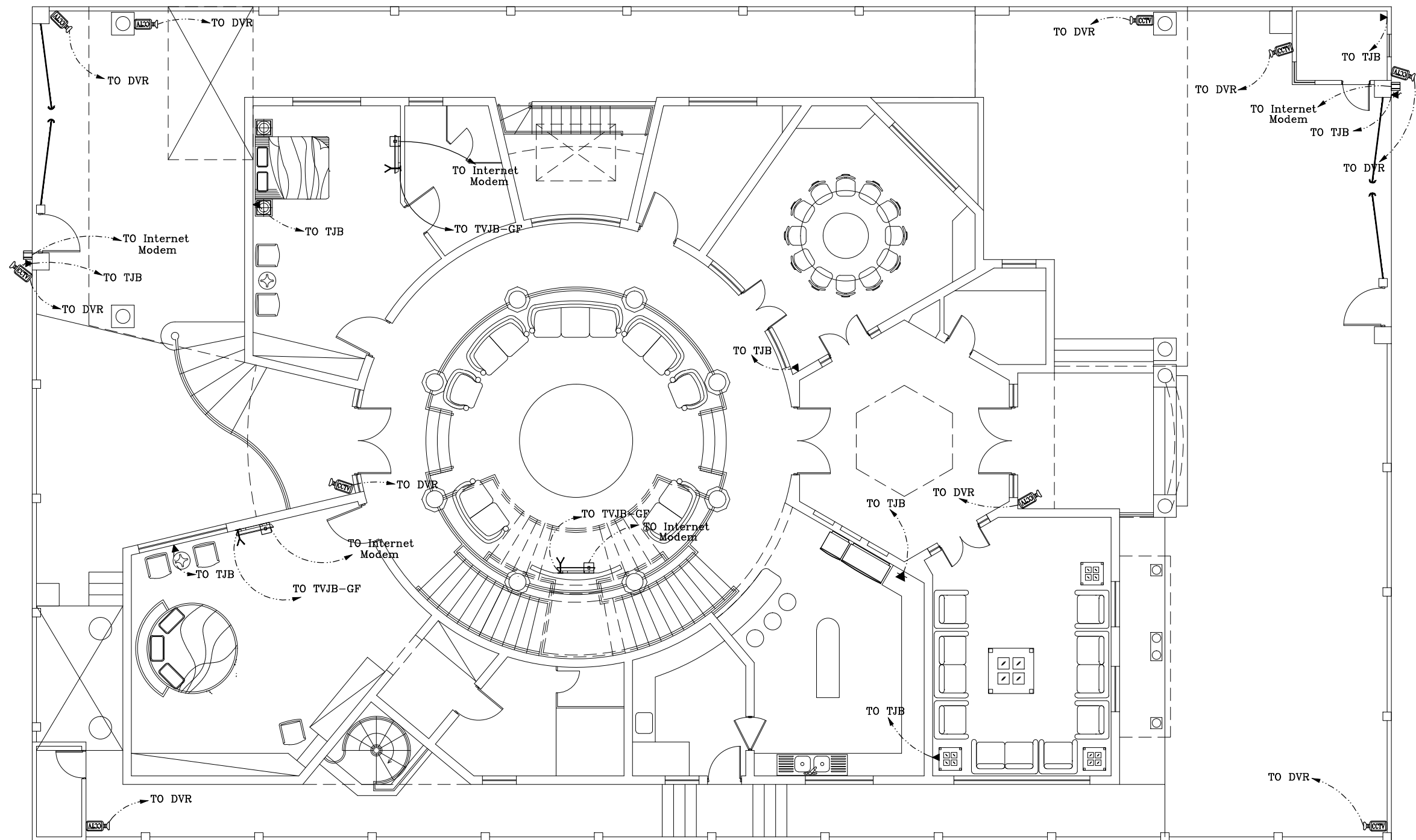
Project : KEMC HOUSE		Dwg. Mumty Floor UPS Power Layout Plan		M.F Area=878 Sq.ft	Total Area=14834 Sq.ft
Checked By: Qasim Ehsan	Dwg. No: E-112	Architect: Development Design Associates		Consultant: 7th Sky Consultants H # E-57/5, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com	
Drawn By : Dilshaad Malik	Scale. N.T.S REV. NO : 0 Date : 12 FEB 2018				



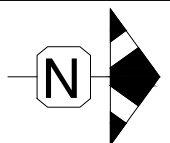
BASEMENT FLOOR
COVERED AREA = 3711 Sft



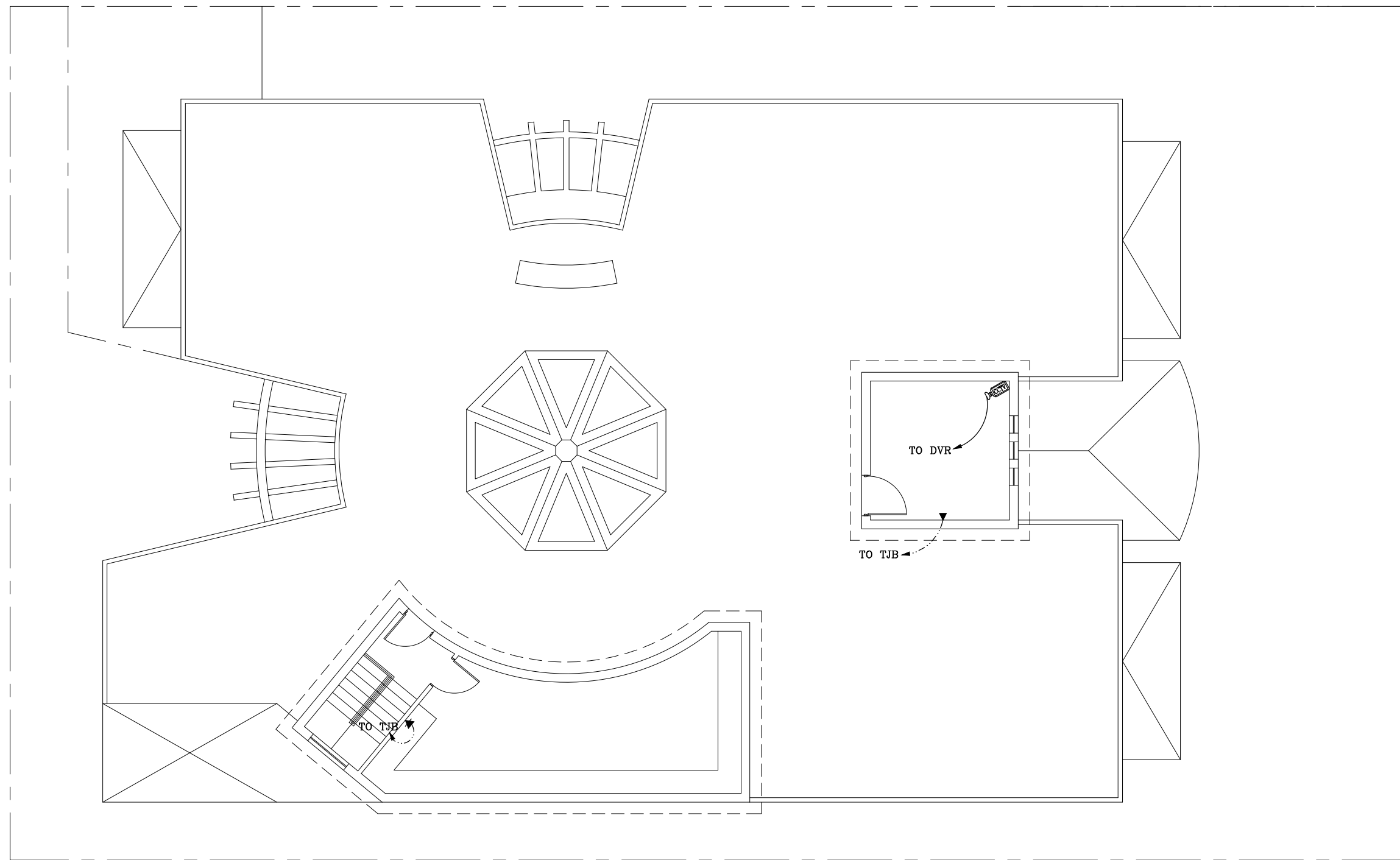
Project : KEMC HOUSE		Dwg. Basement Data Layout Plan		B.F Area=3711 Sq.ft	Total Area=14834 Sq.ft
Checked By: Qasim Ehsan	Dwg. No: E-113	Architect: Development Design Associates		7th Sky Consultants H # E-57/5, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com	
Drawn By : Dilshaad Malik	Scale. N.T.S REV. NO : 0 Date : 12 FEB 2018				



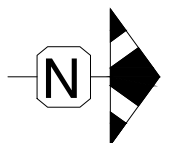
GROUND FLOOR
COVERED AREA = 5724 Sft



Project : KEMC HOUSE		Dwg. Ground Floor Data Layout Plan		G.F Area=5724 Sq.ft	Total Area=14834 Sq.ft
Checked By: Qasim Ehsan	Dwg. No: E-114	Architect: Development Design Associates		Consultant: 7th Sky Consultants H # E-57/5, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com	
Drawn By : Dilshaad Malik	Scale. N.T.S REV. NO : 0 Date : 12 FEB 2018				



MUMTY FLOOR
COVERED AREA = 878 Sft



Project : KEMC HOUSE		Dwg. Mumty Floor Data Layout Plan	M.F Area=878 Sq.ft	Total Area=14834 Sq.ft
Checked By: Qasim Ehsan	Dwg. No: E-116	Architect: Development Design Associates	Consultant: 7th Sky Consultants	H # E-57/5, STREET # 1, QADRI COLONY, WALTON ROAD, LAHORE. Contact no : 0324-4991042 E-mail: qasim.ehsan772@gmail.com
Drawn By : Dilshaad Malik	Scale. N.T.S REV. NO : 0 Date : 12 FEB 2018			