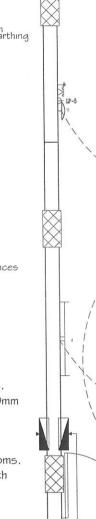


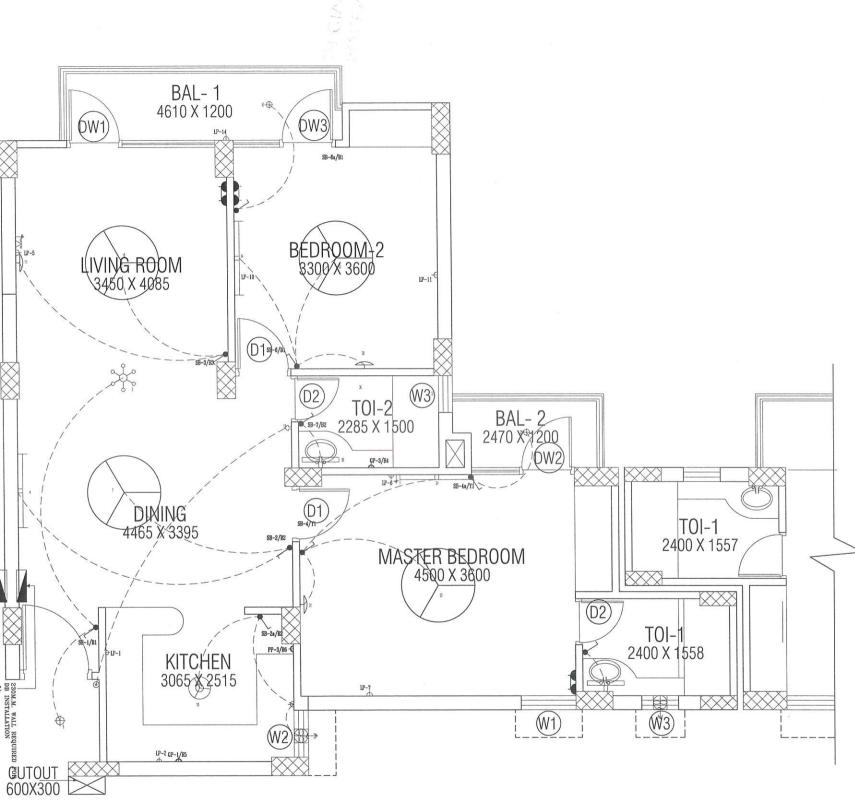
1) The wiring shall be carried out in recessed PVC conduits with copper wiring. All light points shall be earthed. Minimum sizes of pvc insulated copper wire for lighting and power shall be as follows:

- a) For Light point wiring -1.5 sqmm PVC insulated, stranded copper wire.
- b) For Power Point & Circuit wiring --2.5 sqmm PVC insulated, stranded copper conductor wire for phase , neutral. \$ earth. Each circuit shall consist of 1 No. Phase wire-2.5 samm, I No. Neutral wire-2.5 samm \$ I No. Earth wire- 2.5 samm.
- c) For AC point wiring --4 sqmm PVC insulated, stranded copper conductor wire for both phase \$ neutral. \$ 4 samm PVC insulated, stranded copper conductor wire for earth.
- d) For Sub-main wiring -- 10 sqmm PVC insulated, stranded copper conductor wire Four numbers (Three for phase \$ one for peutral) \$ 10 samm
 Iwo numbers for earthing PVC insulated, stranded copper conductor wire.
- or 4x16 samm unarmoured aluminium cable to be used.
- e) Maximum load on any lighting circuit shall be 800 watts.
- 2) Telephone Point Wiring shall be carried out with, two pair, 0.61 mm PVC sheathed \$ taped tinned copper twisted pair telephone wire in recessed PVC conduit.
- 3) T.V. Point Wiring shall be carried out with tinned copper conductor RG-6 coaxial cable of in recessed PVC
- 4) A minimum distance of 300 mm shall be maintained between low voltage system wiring (like Telephone, T.V., Internet. Etc.) and power / I ight wiring.
- 5) Conduit for submain shall be of 40mm dia.
- 6) Conduit for TV \$ Telephone shall be of 20mm \$ 25mm dia respectively.
- 7) Minimum size of conduit to be used shall be 20mm dia.
- 8) Heavy duty (2mm thick wall thickness) to be used in slab / floor # medium duty to be used in walls. At NO place # under NO circumstances should the wires be concealed directly by / in cement mortar i.e. at all

places conduits have to be used. 9) Seperate PVC conduit pipe to be laid for TV, Telephone,

- Lighting \$ Power as per \$ requirements above details.
- 10) Maximum two nos. of power socket on one circuit.
- 11) Heights of switches / sockets etc.
- a) Heights of light fittings/ D.B / switches / sockets etc. shall be as mentioned along with the legend with the following exceptions.
- 1) Height of 6A S. Sockets, TV & Telephone sockets to be 600mm above FFL. in bed rooms.
- II) Height of IGA S. sockets to be 200mm above counter top in kitchens.
- III) Height of IGA sockets to be 1800mm above FFL in bathrooms.
- b) All heights of switches / sockets etc. as mentioned along with the legend shall be for the bottom of the box / fitting.
- 12) Where two boards are to be mounted next to each other there should be no gap between the cover plates.
- 13) All dimension are for the edge of the box, \$ all elevation are for the E& bottom of the box.
- 14) Switch boards to be at a distance of 225mm from door opening unless otherwise mentioned.
- 15) Elevation of the Mirror light 75MM Above mirror top.
- 16) One telephone socket + One 6A S/Socket Mounted in the same box side by side at 1000mm above FFL (十山)
- 17) One T.V. socket + One 6A S/Socket Mounted in the same box side by side at 1000mm above FFL
- 18) One 6A SS Mounted on main switch board of each room.
- 19) One no. 20A point to be provided at 300mm above FFL.





١٥.	SYMBOLS	DESCRIPTION	QTY.	MOUNTING HEIGHTS ABOVE FFL
	1	SWTCH BOARD	10	1000MM
		TWO WAY SWITCH BOARD	02	1000MM
5	0	1X18W CFL FIXTURE	03	
ŀ	—	BRACKET LIGHT	05	2250MM
5		1x36W WALL FTL.	03	
	*	CHANDLIER	00	
	Ф	6A LIGHT SOCKET OUTLET	07	1000MM
	5/25	16A POWER SOCKET OUTLET	01	300MM
3	Δ.	16A GYSER SOCKET OUTLET	02	1800MM
)		&C POINT	03	PI. SEE NOTES
0	\otimes	1200MM CEILING FAN	04	
1	Z	TELEPHONE POINT	01	PI. SEE NOTES
2	†	T.V POINT	02	PI. SEE NOTES
3	St	BELL/BUZZER	01	2150MM
4	0	BELL PUSH	01	1000MM
5	₩•	300MM EXHAUST FAN	02	
6		DISTRIBUTION BOARD	01	1200MM

NAVEEN KUMAR BTECH-CIVIL ENGINEER

0	2	14.09.2013	AS PER CLIENT COMMENT
0	1	9.08.2013	GENERAL
R	EV	DATE	DESCRIPTION

PROJECT:-

LAVANYA

DRAWING TITLE :-

UNIT PLAN TYPE-D TWO BED ROOM+TWO TOILET

ARCHITECTS:-

VASTUNIDHI

ARCHITECTS.PLANNERS & INTERIOR DESIGENERS B-135 SEC-44, NOIDA e-mail:-vastunidhi@gmail.com

ELECTRICAL CONSULTANTS: -:-

ELECTRICAL CONSULTANTS:-
ES Elecserve Consultants Pvt. Ltd.

ELECTRICAL & ARR-CONDITIONING CONSULTANTS

A-40,DSIDC COMPLEX, KALYANPURI, DELHI-91

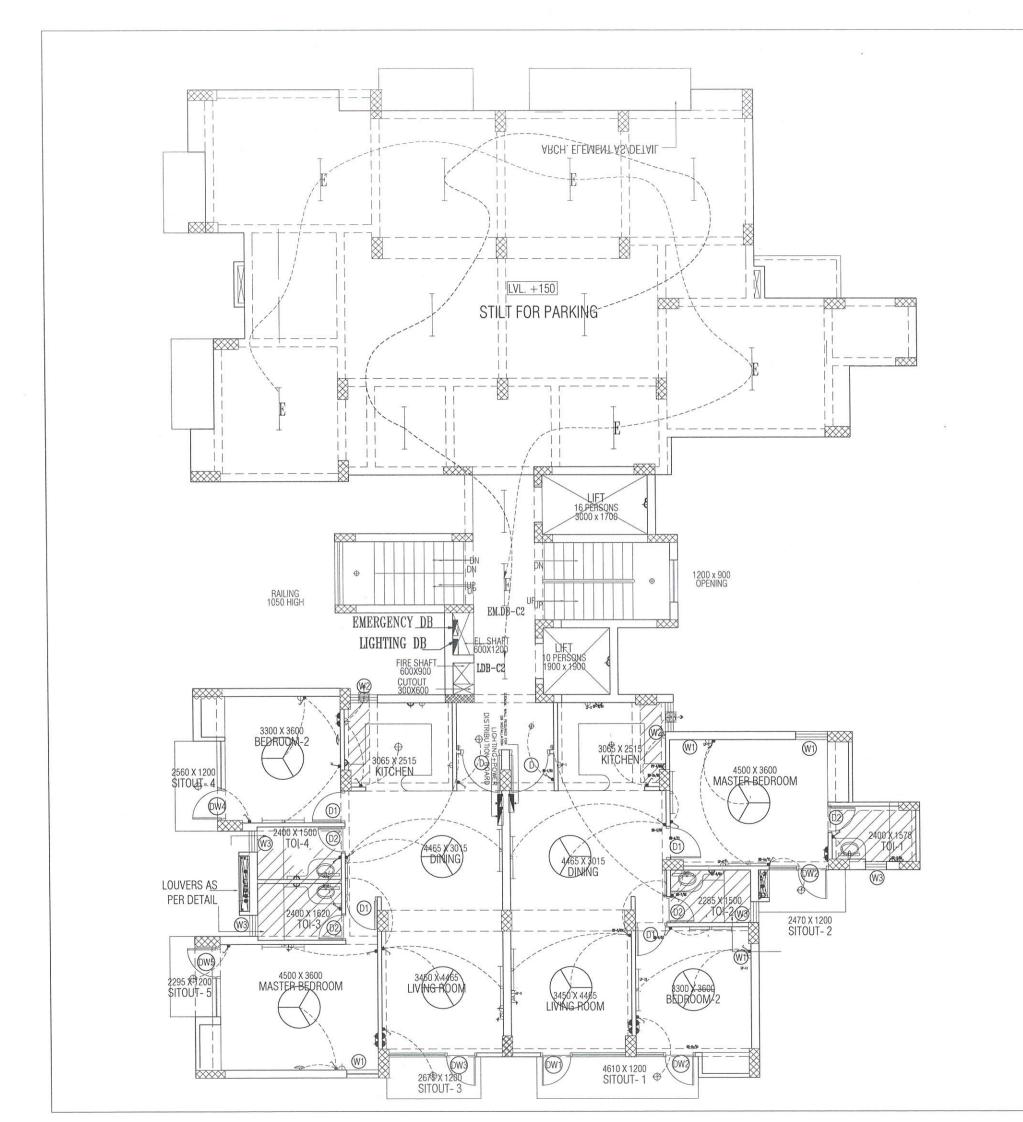
TELEFAX #:-91-11-22776460

e-mail: elesserve@elecservecpl.com

PANKAJ KUMAR	SCALE: N.T.S
V.B	REV02
V.B	
9-08-2013	
	PANKAJ KUMAR V.B V.B 9-08-2013

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REPRODUCED FOR ANY PURPOSE OTHER THAN SPECIFIED WITHOUT THEIR WRITTEN PERMISSION



LEGEND S.NO. SYMBOL DESCRIPTION 1. 1X18W CFL LIGHT FIXTURE 1X18W EM CFL LIGHT FIXTURE **(** 3. BULK HEAD 4. EM BULK HEAD 5. 1X36W EMFTL LIGHT FIXTURE 6. 1X36WFTL LIGHT FIXTURE

LANG FAC

NAVEEN KUMAR BTECH-CIVIL ENGINEER

PROJECT: -

LAVANYA HOUSING

DRAWING TITLE :-

ELECTRICAL LAYOUT STILT FLOOR PLAN

ARCHITECTS: -

VASTUNIDHI

ARCHITECTS.PLANNERS & INTERIOR DESIGENERS B-135 SEC-44,NOIDA e-mail:-vastunidhi@gmail.com

ELECTRICAL CONSULTANTS: -: -

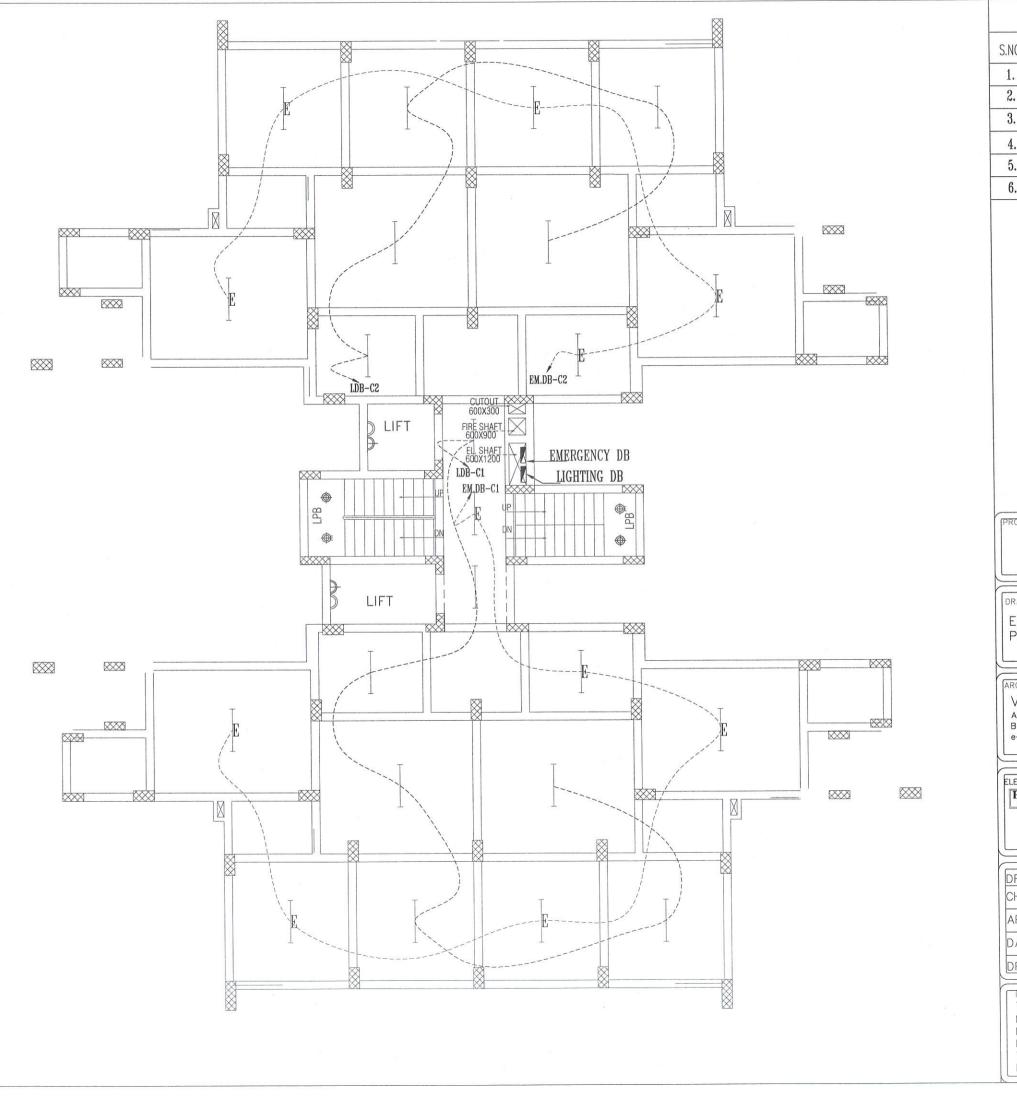
ES Elecserve Consultants Pvt. Ltd.

ELECTRICAL & AIR-CONDITIONING CONSULTANTS
A-40,DSIDC COMPLEX, KALYANPURI, DELHI-91
TELEFAX #:-91-11-22776460
e-mail: elecserve@elecservecpl.com

DRN.	MALKEET KUMAR	SCALE: N.T.S
CHKD.	V.BHARGAVA	
APPD.	V.BHARGAVA	
DATE.	06-12-14	

NOTE:

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		LEGEND
S.NO.	SYMBOL	DESCRIPTION
1.	\Phi	1X18W CFL LIGHT FIXTURE
2.	#	1X18W EM CFL LIGHT FIXTURE
3.		BULK HEAD
4.	H	EM BULK HEAD
5.	FEJ -	1X36W EMFTL LIGHT FIXTURE
6.		1X36WFTL LIGHT FIXTURE

LAVANYA HOUSING

DRAWING TITLE :-

ELECTRICAL LAYOUT STILT FLOOR PLAN

ARCHITECTS: -

VASTUNIDHI

e-mail: - vasthight & with the besidences
B-132 SEC-74: WOLD ALL ENGINEER
WAS LOUNDING AND THE BOUNDERS
AND THE BOUNDERS

ELECTRICAL CONSULTANTS: -: -

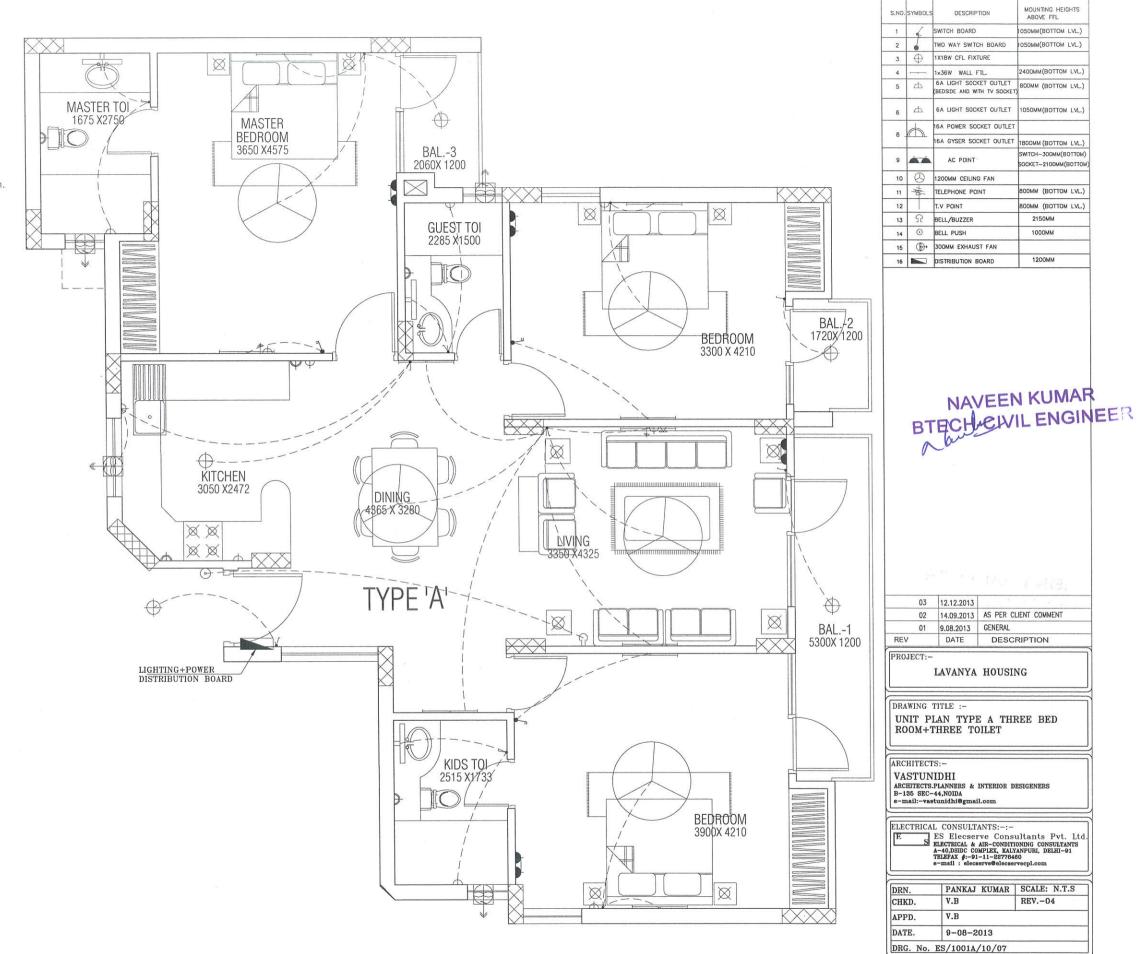
ES Elecserve Consultants Pvt. Ltd.
ELECTRICAL & AIR-CONDITIONING CONSULTANTS
A-40,DSIDC COMPLEX, KALYANPURI, DELHI-91
TELEFAX #:-91-11-22776460
e-mail: elecserve@elecservecpl.com

DRN.	MALKEET KUMAR	SCALE: N.T.S	
CHKD.	V.BHARGAVA		11/2
APPD.	V.BHARGAVA	NAVE	EN KUMAR
DATE.	06-12-14	BTECH-	INE ENGINEER
DRG. N	No. ES/1010/10/07		

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- 1) The wiring shall be carried out in recessed PVC conduits with copper wiring. All light points shall be earthed. Minimum sizes of pvc insulated copper wire for lighting and power shall be as follows:
- a) For Light point wiring -1.5 sqmm PVC insulated, stranded copper wire.
- b) For Power Point & Circuit wiring --2.5 sqmm PVC insulated, stranded copper conductor wire for phase, neutral. \$ earth. Each circuit shall consist of 1 No. Phase wire-2.5 sqmm, I No. Neutral wire-2.5 sqmm & I No. Earth wire- 2.5 sqmm.
- c) For AC point wiring -- 4 sqmm PVC insulated, stranded copper conductor wire for both phase \$ neutral. \$ 4 sqmm PVC insulated, stranded copper conductor wire for earth.
- d) For Sub-main wiring -- 10 sqmm PVC insulated, stranded copper conductor wire Four numbers (Three for phase \$ one for neutral) \$ 10 sqmm PVC insulated, stranded copper conductor wire. Two numbers for earthing or 4x16 sqmm unarmoured aluminium cable to be used.
- e) Maximum load on any lighting circuit shall be 800 watts.
- 2) Telephone Point Wiring shall be carried out with, two pair, 0.61 mm PVC sheathed \$ taped tinned copper twisted pair telephone wire in recessed PVC conduit
- 3) T.V. Point Wiring shall be carried out with tinned copper conductor RG-6 coaxial cable of in recessed PVC
- 4) A minimum distance of 300 mm shall be maintained between low voltage system wiring (like Telephone, T.V., Internet. Etc.) and power / I ight wiring.
- 5) Conduit for submain shall be of 40mm dia .
- 6) Conduit for TV & Telephone shall be of 20mm \$ 25mm dia respectively.
- 7) Minimum size of conduit to be used shall be 20mm dia.
- 8) Heavy duty (2mm thick wall thickness) to be used in slab / floor \$ medium duty to be used in walls. At NO place \$ under NO circumstances should the wires be concealed directly by / in cement mortar i.e. at all places conduits have to be used.
- 9) Seperate PVC conduit pipe to be laid for TV, Telephone, Lighting \$ Power as per \$ requirements above details.
- 10) Maximum two nos. of power socket on one circuit.
- 11) Heights of switches / sockets etc.
- a) Heights of light fittings/ D.B / switches / sockets etc. shall be as mentioned along with the legend with the following exceptions.
- 1) Height of GA S. Sockets, TV & Telephone sockets to be 800mm above FFL. in bed rooms.

 II) Height of I GA S.sockets to be 200mm above counter
- top in kitchens.
- III) Height of IGA sockets to be 2100mm above FFL in bathrooms.
- b) All heights of switches / sockets etc. as mentioned along with the legend shall be for the bottom of the box / fitting.
- 12) Where two boards are to be mounted next to each other there should be no gap between the cover plates.
- 13) All dimension are for the edge of the box, \$ all elevation are for the bottom of the box.
- 14) Switch boards to be at a distance of 225mm from door opening unless otherwise mentioned.
- 15) One T.V. socket + One 6A S/Socket + Telephone point mounted in the same box side by side at 800mm above FFL
- 16) One 6A SS Mounted on main switch board of each room.



MOUNTING HEIGHTS OMM(BOTTOM LVL.)

SOMM(BOTTOM LVL.)

DSOMM(BOTTOM LVL.)

DOMM (BOTTOM LVL.)

MTCH-300MM(BOTTOM)

KET-2100MM(BOTTO

OMM (BOTTOM LVL.)

OMM (BOTTOM LVL.)

2150MM

1000MM

1200MM

SWITCH BOARD TWO WAY SWITCH BOARD

1×36W WALL FIL.

1X18W CFL FIXTURE

6A LIGHT SOCKET OUTLET (BEDSIDE AND WITH TV SOCKET)

6A LIGHT SOCKET OUTLET

16A POWER SOCKET OUTLE

ISA CYSER SOCKET OUT ET

AC POINT

€ BELL/BUZZER

BELL PUSH

03 12.12.2013

01 9.08.2013 GENERAL

02 14.09.2013 AS PER CLIENT COMMENT

DATE DESCRIPTION

ES Elecserve Consultants Pvt. Ltd.
ELECTRICAL & AIR-CONDITIONING CONSULTANTS
A-40,DSIDC COMPLEX, KAIXANPUR, BLHI-91
TELEFAX \$-91-11-22776460
e-mail: elecserve@clecservecol.com

PANKAJ KUMAR | SCALE: N.T.S

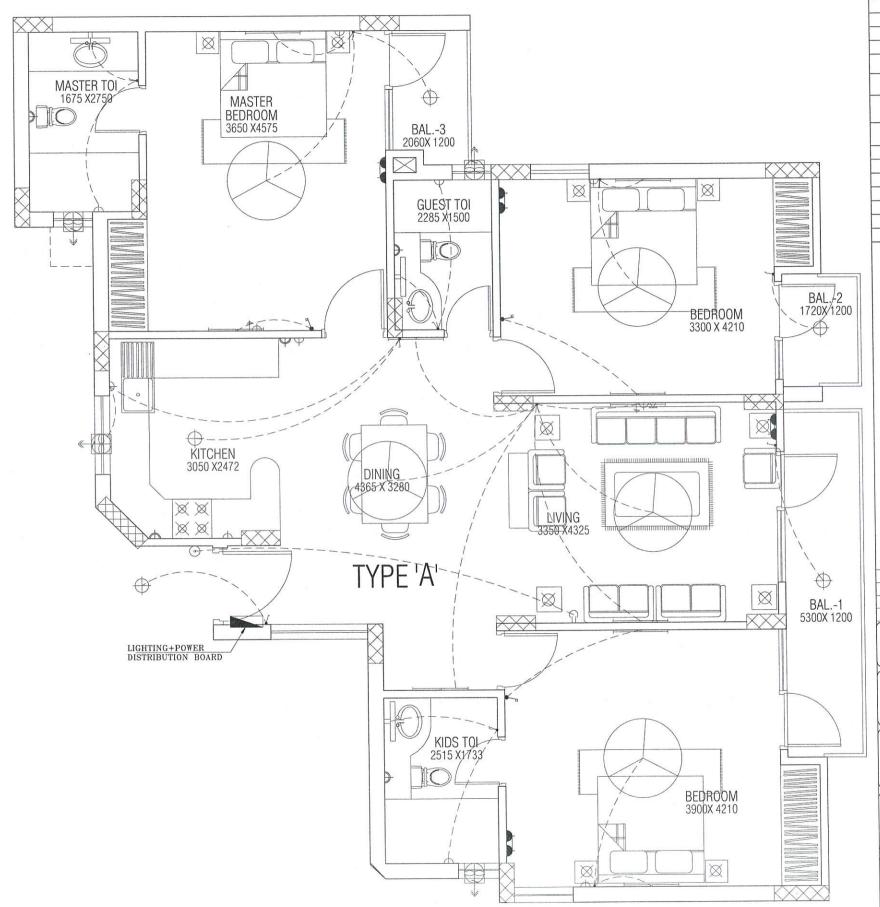
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9-08-2013

LAVANYA HOUSING

300MM EXHAUST FAN

- I)The wring shall be carried out in recessed PVC conduits with copper wring. All light points shall be earthed. Minimum sizes of pvc insulated copper wire for lighting and power shall be as follows:
- a) For Light point wiring -1.5 sqmm PVC insulated, stranded copper wire.
- b) For Power Point \$ Circuit wiring --2.5 sqmm PVC insulated, stranded copper conductor wire for phase , neutral. \$ earth. Each circuit shall consist of 1 No. Phase wire-2.5 sqmm, 1 No. Neutral wire-2.5 sqmm \$ 1 No. Earth wire- 2.5 sqmm.
- c) For AC point wiring --4 sqmm PVC insulated, stranded copper conductor wire for both phase \$ neutral. \$ 4 sqmm PVC insulated, stranded copper conductor wire for earth.
- d) For Sub-main wiring --10 sqmm PVC insulated, stranded copper conductor wire Four numbers (Three for phase \$ one for neutral) \$ 10 sqmm PVC insulated, stranded copper conductor wire. Two numbers for earthing or 4x16 sqmm unarmoured aluminium cable to be used.
- e) Maximum load on any lighting circuit shall be 800 watts.
- 2) Telephone Point Wiring shall be carried out with, two pair, 0.61 mm PVC sheathed \$ taped tinned copper twisted pair telephone wire in recessed PVC conduit.
- 3) T.V. Point Wiring shall be carried out with tinned copper conductor RG-G coaxial cable of in recessed PVC
- 4) A minimum distance of 300 mm shall be maintained between low voltage system wiring (like Telephone, T.V., Internet. Etc.) and power / light wiring.
- 5) Conduit for submain shall be of 40mm dia .
- 6) Conduit for TV \$ Telephone shall be of 20mm \$ 25mm dia respectively.
- 7) Minimum size of conduit to be used shall be 20mm dia.
- 8) Heavy duty (2mm thick wall thickness) to be used in slab / floor \$ medium duty to be used in walls. At NO place \$ under NO circumstances should the wires be concealed directly by / in cement mortar i.e. at all places conduits have to be used.
- 9) Seperate PVC conduit pipe to be laid for TV, Telephone, Lighting \$ Power as per \$ requirements above details.
- 10) Maximum two nos. of power socket on one circuit.
- 11) Heights of switches / sockets etc.
- a) Heights of light fittings/ D.B / switches / sockets etc. shall be as mentioned along with the legend with the following exceptions.
- 1) Height of GA S.Sockets, TV & Telephone sockets to be 800mm above FFL. in bed rooms.
- II) Height of I 6A 5.sockets to be 200mm above counter top in kitchens.
- III) Height of IGA sockets to be 2100mm above FFL in bathrooms.
- b) All heights of switches / sockets etc. as mentioned along with the legend shall be for the bottom of the box / fitting.
- 12) Where two boards are to be mounted next to each other there should be no gap between the cover plates.
- 13) All dimension are for the edge of the box, ϕ all elevation are for the bottom of the box.
- 14) Switch boards to be at a distance of 225mm from door opening unless otherwise mentioned.
- 15) One T.V. socket + One GA S/Socket + Telephone point mounted in the same box side by side at 800mm above FFL
- 16) One 6A SS Mounted on main switch board of each room.



S.NO.	SYMBOLS	DESCRIPTION	MOUNTING HEIGHTS ABOVE FFL
1	1	SWITCH BOARD	1050MM(BOTTOM LVL.)
2	1	TWO WAY SWITCH BOARD	O50MM(BOTTOM LVL.)
3	0	1X18W CFL FIXTURE	
4		1x36W WALL FTL.	2400MM(BOTTOM LVL.)
5	Д	6A LIGHT SOCKET OUTLET (BEDSIDE AND WITH TV SOCKET)	800MM (BOTTOM LVL.)
6	Д	6A LIGHT SOCKET OUTLET	1050MM(BOTTOM LVL)
	4	16A POWER SOCKET OUTLET	
8	KIN	16A GYSER SOCKET OUTLET	1800MM (BOTTOM LVL.)
9		AC POINT	SWTCH-300MM(BOTTOM) SOCKET-2100MM(BOTTOM
10	0	1200MM CEILING FAN	
11	*	TELEPHONE POINT	BOOMM (BOTTOM LVL.)
12		T.V POINT	800MM (BOTTOM LVL.)
13	n	BELL/BUZZER	2150MM
14	0	BELL PUSH	1000MM
15	D *	300MM EXHAUST FAN	
16		DISTRIBUTION BOARD	1200MM

NAVEEN KUMAR BTECH EIVIL ENGINEER

03	12.12.2013	MAIT EMOURE
02	14.09.2013	AS PER CLIENT COMMENT
01	9.08.2013	GENERAL KOINIYL
REV	DATE	DESCRIPTION

PROJECT:-

LAVANYA HOUSING

DRAWING TITLE :-

UNIT PLAN TYPE A THREE BED ROOM+THREE TOILET

ARCHITECTS:-

VASTUNIDHI
ARCHITECTS.PLANNERS & INTERIOR DESIGENERS
B-135 SEC-44,NOIDA

ELECTRICAL CONSULTANTS:-:-

ES Elecserve Consultants Pvt. Ltd.

ELECTRICAL & AIR-CONDITIONING CONSULTANTS

A-40,DSIDC COMPLEX, KALTANPURI, DELHI-91

TELETAX #:-91-11-22776460

e-mail: elecserve@elecservecpl.com

DRN.	PANKAJ KUMAR	SCALE: N.T.S	
CHKD.	V.B	REV04	
APPD.	V.B 9-08-2013		
DATE.			

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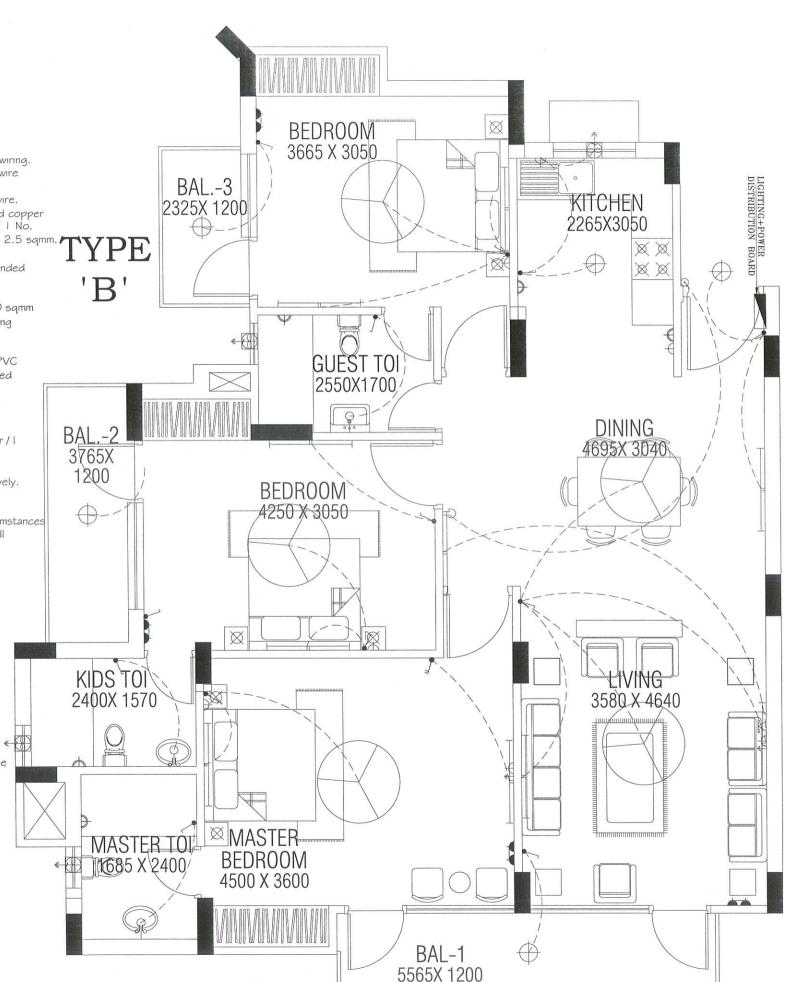
TYPICAL- ELECTRICAL LAYOUT FOR- THREE BEDROOM +THREE TOILET UNIT



a) For Light point wiring -1.5 sqmm PVC insulated, stranded copper wire.

SPECIAL ELECTRICAL SPECIFICATIONS

- b) For Power Point & Circuit wiring --2.5 sqmm PVC insulated, stranded copper conductor wire for phase, neutral. & earth. Each circuit shall consist of 1 No. Phase wire-2.5 sqmm, 1 No. Neutral wire-2.5 sqmm & 1 No. Earth wire-2.5 sqmm.
- c) For AC point wiring --4 sqmm PVC insulated, stranded copper conductor wire for both phase \$ neutral. \$ 4 sqmm PVC insulated, stranded copper conductor wire for earth.
- d) For Sub-main wiring --10 sqmm PVC insulated, stranded copper conductor wire Four numbers (Three for phase \$ one for neutral) \$ 10 sqmm PVC insulated, stranded copper conductor wire. Two numbers for earthing or 4x16 sqmm unarmoured aluminium cable to be used.
- e) Maximum load on any lighting circuit shall be 800 watts.
- 2) Telephone Point Wiring shall be carried out with, two pair, 0.6 l mm PVC sheathed \$ taped tinned copper twisted pair telephone wire in recessed PVC conduit.
- 3) T.V. Point Wiring shall be carried out with tinned copper conductor RG-G coaxial cable of in recessed PVC
- 4) A minimum distance of 300 mm shall be maintained between low voltage system wiring (like Telephone, T.V., Internet. Etc.) and power / light wiring.
- 5) Conduit for submain shall be of 40mm dia .
- 6) Conduit for TV \$ Telephone shall be of 20mm \$ 25mm dia respectively.
- 7) Minimum size of conduit to be used shall be 20mm dia.
- 8) Heavy duty (2mm thick wall thickness) to be used in slab / floor \$ medium duty to be used in walls. At NO place \$ under NO circumstances should the wires be concealed directly by / in cement mortar i.e. at all places conduits have to be used.
- 9) Seperate PVC conduit pipe to be laid for TV, Telephone, Lighting \$ Power as per \$ requirements above details.
- 10) Maximum two nos. of power socket on one circuit.
- 11) Heights of switches / sockets etc.
- a) Heights of light fittings/ D.B / switches / sockets etc. shall be as mentioned along with the legend with the following exceptions.
- 1) Height of GA S.Sockets, TV & Telephone sockets to be 800mm above FFL. in bed rooms.
- II) Height of I GA 5.sockets to be 200mm above counter top in kitchens.
- III) Height of IGA sockets to be 2100mm above FFL in bathrooms.
- b) All heights of switches / sockets etc. as mentioned along with the legend shall be for the bottom of the box / fitting.
- 12) Where two boards are to be mounted next to each other there should be no gap between the cover plates.
- 13) All dimension are for the edge of the box, $\mbox{\$}$ all elevation are for the bottom of the box.
- 14) Switch boards to be at a distance of 225mm from door opening unless otherwise mentioned.
- 15) One T.V. socket + One GA S/Socket + Telephone point mounted in the same box side by side at 800mm above FFL (本)
- 16) One 6A SS Mounted on main switch board of each room.



S.NO.	SYMBOLS	DESCRIPTION	MOUNTING HEIGHTS ABOVE FFL
1	4	SWITCH BOARD	1050MM(BOTTOM LVL.)
2		TWO WAY SWITCH BOARD	1050MM(BOTTOM LVL.)
3	Ф	1X18W CFL FIXTURE	
4		1x36W WALL FTL.	2400MM(BOTTOM LVL.)
5	ф	6A LIGHT SOCKET OUTLET (BEDSIDE AND WITH TV SOCKET)	800MM (BOTTOM LVL.)
6	Ф	6A LIGHT SOCKET OUTLET	1050MM(BOTTOM LVL.)
72	4	16A POWER SOCKET OUTLET	
8		16A GYSER SOCKET OUTLET	2100MM (BOTTOM LVL.)
9		AC POINT	switch-300мм(воттом) воскет-2100мм(воттом
10	0	1200MM CEILING FAN	
11	Z	TELEPHONE POINT	800MM (BOTTOM LVL.)
12	*	T.V POINT	800MM (BOTTOM LVL.)
13	52	BELL/BUZZER	2150MM
14	0	BELL PUSH	1000мм
15	•	300MM EXHAUST FAN	
16		DISTRIBUTION BOARD	1200MM

COMMENTS:-

- .) SWITCH BOARDS SHOULD BE NEAR DOORS. FOR AT LEAST ON LIGHT POINT IN BED ROOMS & TWO WAY SWITCH IS ALSO A NICE IDEA.
- 2.) SWITCH FOR BALCONY LIGHT
 SHOULD BE NEAR. THE DOOR
 TO BALCONY OR ALTERNATLY
 NEAR ENT. DOOR OF THE ROOM

NAVEEN KUMAR BTEGHICTVIL ENGINEER

REV	DATE	DESCRIPTION
01	9.08.2013	GENERAL
02	14.09.2013	AS PER CLIENT COMMENT
03	12.13.2013	

PROJECT:-

LAVANYA HOUSING

DRAWING TITLE :-PROPSED ELECTRICAL LAYOUT FOR 3BED ROOM+THREE TOILET

ARCHITECTS:

VASTUNIDHI
ARCHITECTS.PLANNERS & INTERIOR DESIGENERS
B-135 SEC-44,NOIDA
e-mail:-vastunidhi@gmail.com

ELECTRICAL CONSULTANTS:-:

EE Elecserve Consultants Pvt. Ltd.

ELECTRICAL & AIR-CONDITIONING CONSULTANTS

A-40,DSIDC COMPLEX, KAIYANPURI, DELHI-91

TELEFAX #:-91-11-22776460

e-mail: elecserve@elecservecpl.com

DRN.	PANKAJ KUMAR	SCALE: N.T.S
CHKD.	V.B	REV03
APPD.	V.B	
DATE.	9-08-2013	

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WITHOUT THEIR WRITTEN PERMISSION

TYPICAL- ELECTRICAL LAYOUT FOR- THREE BEDROOM +THREE TOILET UNIT



for lighting and power shall be as follows: a) For Light point wiring -1.5 sqmm PVC insulated, stranded copper wire.

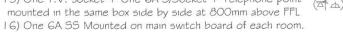
SPECIAL ELECTRICAL SPECIFICATIONS

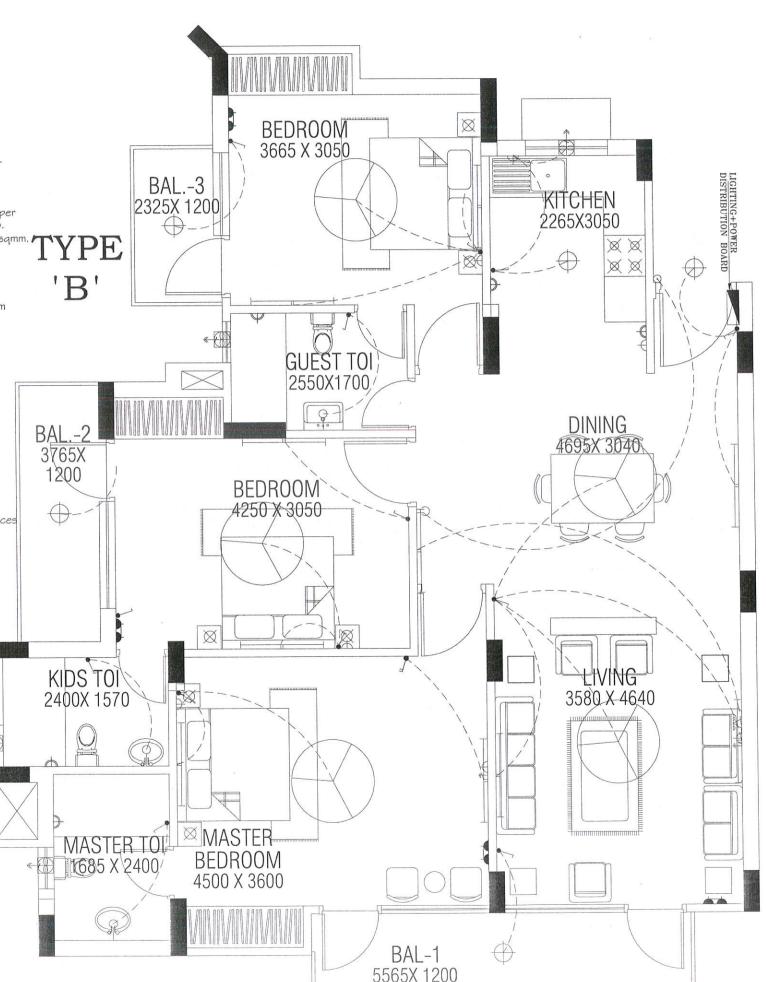
- b) For Power Point & Circuit wiring -- 2.5 sqmm PVC insulated, stranded copper conductor wire for phase , neutral. \$\pm\$ earth. Each circuit snail consists.

 Phase wire-2.5 sqmm, | No. Neutral wire-2.5 sqmm \$\pm\$ | No. Earth wire- 2.5 sqmm. TYPE
- conductor wire for both phase \$ neutral. \$ 4 samm PVC insulated, stranded copper conductor wire for earth.
- d) For Sub-main wiring -- 10 sqmm PVC insulated, stranded copper conductor wire Four numbers (Three for phase \$ one for neutral) \$ 10 sqmm PVC insulated, stranded copper conductor wire. Two numbers for earthing or 4x 16 samm unarmoured aluminium cable to be used.
- e) Maximum load on any lighting circuit shall be 800 watts.
- 2) Telephone Point Wiring shall be carried out with, two pair, 0.6 l mm PVC sheathed \$ taped tinned copper twisted pair telephone wire in recessed PVC conduit
- 3) T.V. Point Wiring shall be carried out with tinned copper conductor RG-6 coaxial cable of in recessed PVC
- 4) A minimum distance of 300 mm shall be maintained between low voltage system wiring (like Telephone, T.V., Internet. Etc.) and power / I iaht wirina.
- 5) Conduit for submain shall be of 40mm dia.
- 6) Conduit for TV \$ Telephone shall be of 20mm \$ 25mm dia respectively.
- 7) Minimum size of conduit to be used shall be 20mm dia.
- 8) Heavy duty (2mm thick wall thickness) to be used in slab / floor

medium duty to be used in walls. At NO place # under NO circumstances should the wires be concealed directly by / in cement mortar i.e. at all places conduits have to be used.

- 9) Seperate PVC conduit pipe to be laid for TV, Telephone, Lighting \$ Power as per \$ requirements above details.
- 10) Maximum two nos. of power socket on one circuit.
- 11) Heights of switches / sockets etc.
- a) Heights of light fittings/ D.B / switches / sockets etc. shall be as mentioned along with the legend with the following exceptions.
- 1) Height of GA S. Sockets, TV & Telephone sockets to be 800mm above FFL. in bed rooms.
- II) Height of IGA S. sockets to be 200mm above counter top in kitchens.
- III) Height of IGA sockets to be 2100mm above FFL in bathrooms.
- b) All heights of switches / sockets etc. as mentioned along with the legend shall be for the bottom of the box / fitting.
- 12) Where two boards are to be mounted next to each other there should be no gap between the cover plates.
- 13) All dimension are for the edge of the box, \$ all elevation are for the
- 14) Switch boards to be at a distance of 225mm from door opening unless otherwise mentioned.
- 15) One T.V. socket + One 6A S/Socket + Telephone point (本本) mounted in the same box side by side at 800mm above FFL





.NO.	SYMBOLS	DESCRIPTION	MOUNTING HEIGHTS ABOVE FFL
1	£	SWITCH BOARD	1050MM(BOTTOM LVL.)
2		TWO WAY SWITCH BOARD	1050MM(BOTTOM LVL.)
3	0	1X18W CFL FIXTURE	
4		1x36W WALL FTL.	2400MM(BOTTOM LVL.)
5	Ф	6A LIGHT SOCKET OUTLET (BEDSIDE AND WITH TV SOCKET)	800MM (BOTTOM LVL.)
6	Д	6A LIGHT SOCKET OUTLET	1050MM(BOTTOM LVL.)
	i	16A POWER SOCKET OUTLET	
8	4	16A GYSER SOCKET OUTLET	2100MM (BOTTOM LVL.)
9		AC POINT	SWITCH-300MM(BOTTOM) SOCKET-2100MM(BOTTOM)
10	0	1200MM CEILING FAN	
11	Z	TELEPHONE POINT	800MM (BOTTOM LVL.)
12	†	T.V POINT	800MM (BOTTOM LVL.)
13	12	BELL/BUZZER	2150MM
14	0	BELL PUSH	1000мм
15	9	300MM EXHAUST FAN	
16		DISTRIBUTION BOARD	1200MM

COMMENTS:-

- SWITCH BOARDS SHOULD BE NEAR DOORS, FOR AT LEAST ON LIGHT POINT IN BED ROOMS & TWO WAY SWITCH IS ALSO A NICE IDEA.
- SWITCH FOR BALCONY LIGHT SHOULD BE NEAR. THE DOOR TO BALCONY OR ALTERNATLY NEAR ENT. DOOR OF THE ROOM



-		
03	12.13.2013	
02	14.09.2013	AS PER CLIENT COMMENT
01	9.08.2013	GENERAL
REV	DATE	DESCRIPTION

PROJECT:-

LAVANYA HOUSING

DRAWING TITLE :-PROPSED ELECTRICAL LAYOUT FOR 3BED ROOM+THREE TOILET UNIT

ARCHITECTS

VASTUNIDHI

ARCHITECTS.PLANNERS & INTERIOR DESIGENERS B-135 SEC-44,NOIDA e-mail:-vastunidhi@gmail.com

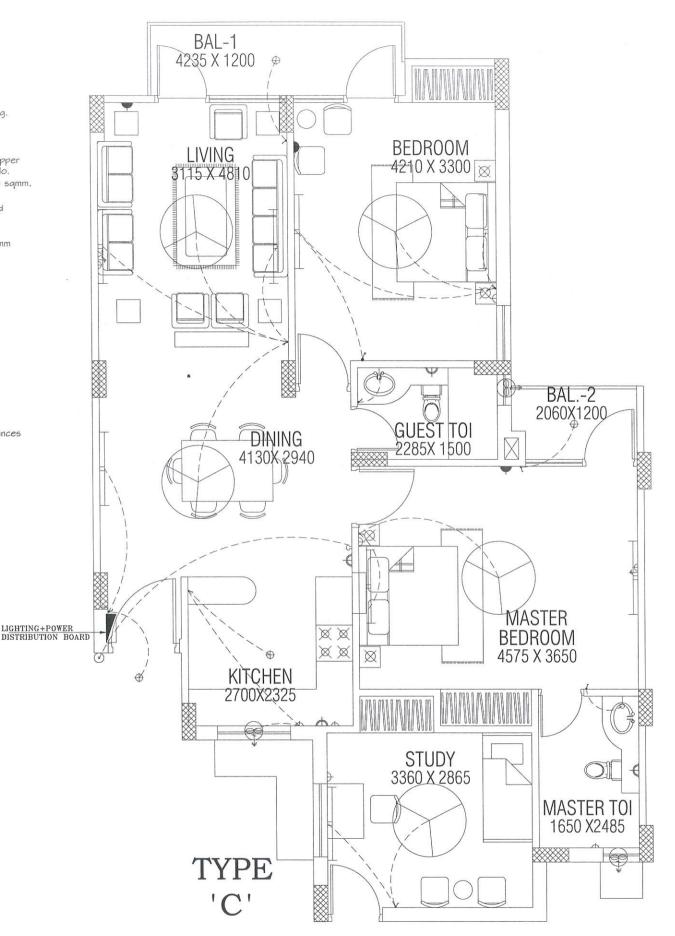
ELECTRICAL & AIR-CONDITIONING CONSULTANTS
A-40,DSIDC COMPLEX, KALYANPURI, DELHI-91
TELEFAX #:-91-11-22778460
e-mail: elecserve@elecservecpl.com

DRN.	PANKAJ KUMAR	SCALE: N.T.S
CHKD.	V.B	REV03
APPD.	V.B	
DATE.	9-08-2013	

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1) The wiring shall be carried out in recessed PVC conduits with copper wiring. All light points shall be earthed. Minimum sizes of pvc insulated copper wire for lighting and power shall be as follows:

- a) For Light point wiring -1.5 sqmm PVC insulated, stranded copper wire.
- b) For Power Point & Circuit wiring -- 2.5 sqmm PVC insulated, stranded copper conductor wire for phase, neutral. \$ earth. Each circuit shall consist of 1 No. Phase wire-2.5 sqmm, I No. Neutral wire-2.5 sqmm \$ I No. Earth wire- 2.5 sqmm. c) For AC point wiring --4 samm PVC insulated, stranded copper
- conductor wire for both phase \$ neutral. \$ 4 sqmm PVC insulated, stranded copper conductor wire for earth.
- d) For Sub-main wiring -- 10 sqmm PVC insulated, stranded copper conductor wire Four numbers (Three for phase \$ one for neutral) \$ 10 sqmm PVC insulated, stranded copper conductor wire. Two numbers for earthing or 4x16 sqmm unarmoured aluminium cable to be used.
- e) Maximum load on any lighting circuit shall be 800 watts.
- 2) Telephone Point Wiring shall be carried out with, two pair, O.61 mm PVC sheathed \$ taped tinned copper twisted pair telephone wire in recessed PVC conduit
- 3) T.V. Point Wiring shall be carried out with tinned copper conductor RG-6 coaxial cable of in recessed PVC
- 4) A minimum distance of 300 mm shall be maintained between low voltage system wiring (like Telephone, T.V., Internet. Etc.) and power / I
- 5) Conduit for submain shall be of 40mm dia.
- 6) Conduit for TV & Telephone shall be of 20mm & 25mm dia respectively.
- 7) Minimum size of conduit to be used shall be 20mm dia.
- 8) Heavy duty (2mm thick wall thickness) to be used in slab / floor \$ medium duty to be used in walls. At NO place \$ under NO circumstances should the wires be concealed directly by / in cement mortar i.e. at all places conduits have to be used.
- 9) Seperate PVC conduit pipe to be laid for TV, Telephone, Lighting \$ Power as per \$ requirements above details.
- 10) Maximum two nos. of power socket on one circuit.
- 11) Heights of switches / sockets etc.
- a) Heights of light fittings/ D.B / switches / sockets etc. shall be as mentioned along with the legend with the following exceptions.
- 1) Height of GA S. Sockets, TV & Telephone sockets to be 800mm above FFL. in bed rooms.
- II) Height of IGA S. sockets to be 200mm above counter top in kitchens.
- III) Height of IGA sockets to be 2100mm above FFL in bathrooms.
- b) All heights of switches / sockets etc. as mentioned along with the legend shall be for the bottom of the box / fitting.
- 12) Where two boards are to be mounted next to each other
- there should be no gap between the cover plates. 13) All dimension are for the edge of the box, \$ all elevation are for the
- 14) Switch boards to be at a distance of 225mm from door opening
- unless otherwise mentioned. 15) One T.V. socket + One GA S/Socket + Telephone point
- mounted in the same box side by side at 800mm above FFL 16) One 6A 55 Mounted on main switch board of each room.



S.NO.	SYMBOLS	ι	DESCRIPTION	110,000	ITING HEIG VE FFL	HTS
1	4	SWITCH	BOARD	1050ММ	(ВОТТОМ	LVL.)
2		TWO WA	Y SWITCH BOARD	1050MM	(ВОТТОМ І	LVL.)
3	0	1X18W CFL FIXTURE				
4		1x36W WALL FTL. 2		2400MN	(ВОТТОМ	LVL.)
5	Ф	6A LIGHT SOCKET OUTLET (BEDSIDE AND WITH TV SOCKET)		800MM	(воттом	LVL.)
6	Д	6A LIGHT SOCKET OUTLET		1050MN	И(ВОТТОМ	LVL.)
	A	16A PO	WER SOCKET OUTLET			
8		16A GYS	SER SOCKET OUTLET	2100MM	(воттом	LVL.)
9		AC	POINT	SWTCH-	-300мм(во	ттом)
3			TOINT	SOCKET-	-2100MM(B	ОТТОМ
10	0	1200MM CEILING FAN				
11	Z	TELEPHONE POINT		800MM	(ВОТТОМ	LVL.)
12	*	T.V POINT		800MM	(воттом	LVL.)
13	9	BELL/BUZZER		215	50ММ	
14	0	BELL PL	JSH	100	ООММ	
15	9	300MM	EXHAUST FAN			
16		DISTRIB	JTION BOARD	120	ООММ	
03	12.13.	.2013				
02	14.09.	14.09.2013 AS PER		СОМІ	MENT	
01	9.08.2	2013	GENERAL			
REV	DAT	ΓE	DESCRIP	TION		

PROJECT:-

JAIPUR HOUSING

DRAWING TITLE :-

PROPSED ELECTRICAL LAYOUT FOR TWO BEDROOM+STUDY UNIT PLAN TYPE-C

ARCHITECTS:-

VASTUNIDHICKAL ENGINEER

ARCHITECTS.PLANNERS & INTERIOR DESIGENERS

B-135 SEC-44, NOIDA

e-mail:-vastunidhi@vastunidhi.com

ELECTRICAL CONSULTANTS: -:-

ES Elecserve Consultants Pvt. Ltd. ELECTRICAL & AIR-CONDITIONING CONSULTANTS A-40,DSIDC COMPLEX, KALYANPURI, DELHI-91 TELEFAX #:-91-11-22776460 e-mail: elecserve@elecservecpl.com

REV02

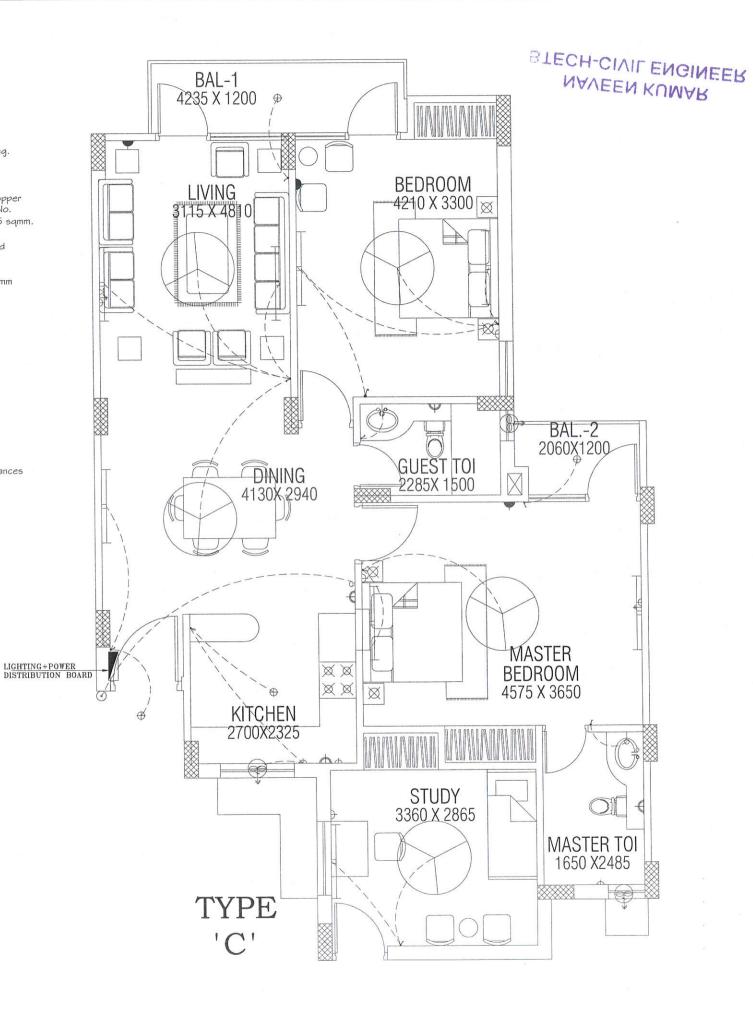
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I)The wiring shall be carried out in recessed PVC conduits with copper wiring. All light points shall be earthed. Minimum sizes of pvc insulated copper wire for lighting and power shall be as follows:

- a) For Light point wiring -1.5 sqmm PVC insulated, stranded copper wire.
- b) For Power Point \sharp Circuit wiring --2.5 sqmm PVC insulated, stranded copper conductor wire for phase , neutral. \sharp earth. Each circuit shall consist of 1 No. Phase wire-2.5 sqmm, 1 No. Neutral wire-2.5 sqmm \sharp 1 No. Earth wire- 2.5 sqmm.
- c) For AC point wiring --4 sqmm PVC insulated, stranded copper conductor wire for both phase \$ neutral. \$ 4 sqmm PVC insulated, stranded copper conductor wire for earth.
- d) For Sub-main wiring --10 sqmm PVC insulated, stranded copper conductor wire Four numbers (Three for phase \$ one for neutral) \$ 10 sqmm PVC insulated, stranded copper conductor wire. Two numbers for earthing or 4×16 sqmm unarmoured aluminium cable to be used.
- e) Maximum load on any lighting circuit shall be 800 watts.
- 2) Telephone Point Wiring shall be carried out with, two pair, O.G I mm PVC sheathed \$ taped tinned copper twisted pair telephone wire in recessed PVC conduit.
- 3) T.V. Point Wiring shall be carried out with tinned copper conductor RG-G coaxial cable of in recessed PVC
- 4) A minimum distance of 300 mm shall be maintained between low voltage system wiring (like Telephone, T.V., Internet. Etc.) and power/light wiring.
- 5) Conduit for submain shall be of 40mm dia .
- 6) Conduit for TV \$ Telephone shall be of 20mm \$ 25mm dia respectively.
- 7) Minimum size of conduit to be used shall be 20mm dia.
- 8) Heavy duty (2mm thick wall thickness) to be used in slab / floor \$\pm\$ medium duty to be used in walls. At NO place \$\pm\$ under NO circumstances should the wires be concealed directly by / in cement mortar i.e. at all places conduits have to be used.
- 9) Seperate PVC conduit pipe to be laid for TV, Telephone, Lighting \$ Power as per \$ requirements above details.
- 10) Maximum two nos. of power socket on one circuit.
- 11) Heights of switches / sockets etc.
- a) Heights of light fittings/ D.B / switches / sockets etc. shall be as mentioned along with the legend with the following exceptions.
- I) Height of GA \tilde{S} .Sockets, \tilde{TV} $\tilde{*}$ Telephone sockets to be 800mm above FFL. in bed rooms.
- II) Height of IGA S.sockets to be 200mm above counter top in kitchens.
- III) Height of IGA sockets to be 2100mm above FFL in bathrooms.
- b) All heights of switches / sockets etc. as mentioned along with the legend shall be for the bottom of the box / fitting.
- 12) Where two boards are to be mounted next to each other there should be no gap between the cover plates.
- 13) All dimension are for the edge of the box, \sharp all elevation are for the bottom of the box.
- 14) Switch boards to be at a distance of 225mm from door opening unless otherwise mentioned.
- 15) One T.V. socket + One GA S/Socket + Telephone point mounted in the same box side by side at 800mm above FFL 16) One GA SS Mounted on main switch board of each room.



S.NO.	SYMBOLS	DESCRIPTION	MOUNTING HEIGHTS ABOVE FFL
1	4	SWITCH BOARD	1050MM(BOTTOM LVL.)
2		TWO WAY SWITCH BOARD	1050MM(BOTTOM LVL.)
3	0	1X18W CFL FIXTURE	
4		1x36W WALL FTL.	2400MM(BOTTOM LVL.)
5	Ф	6A LIGHT SOCKET OUTLET (BEDSIDE AND WITH TV SOCKET)	800MM (BOTTOM LVL.)
6	Ф	6A LIGHT SOCKET OUTLET	1050MM(BOTTOM LVL.)
17473		16A POWER SOCKET OUTLET	
8		16A GYSER SOCKET OUTLET	2100MM (BOTTOM LVL.)
9	_	AC POINT	SWTCH-300MM(BOTTOM) SOCKET-2100MM(BOTTOM)
10	0	1200MM CEILING FAN	
11	72"	TELEPHONE POINT	800MM (BOTTOM LVL.)
12	†	T.V POINT	800MM (BOTTOM LVL.)
13	9	BELL/BUZZER	2150MM
14	0	BELL PUSH	1000ММ
15	9	300MM EXHAUST FAN	
16		DISTRIBUTION BOARD	1200MM

NAVEEN KUMAR BTECH, CIVIL ENGINEER

03	12.13.2013		
02	14.09.2013	AS PER CLIENT COMMENT	
01	9.08.2013	GENERAL	
REV	DATE	DESCRIPTION	

PROJECT:-

JAIPUR HOUSING

DRAWING TITLE :-

PROPSED ELECTRICAL LAYOUT FOR TWO BEDROOM+STUDY UNIT PLAN TYPE-C

ARCHITECTS:-

VASTUNIDHI

ARCHITECTS.PLANNERS & INTERIOR DESIGENERS B-135 SEC-44,NOIDA

e-mail:-vastunidhi@vastunidhi.com

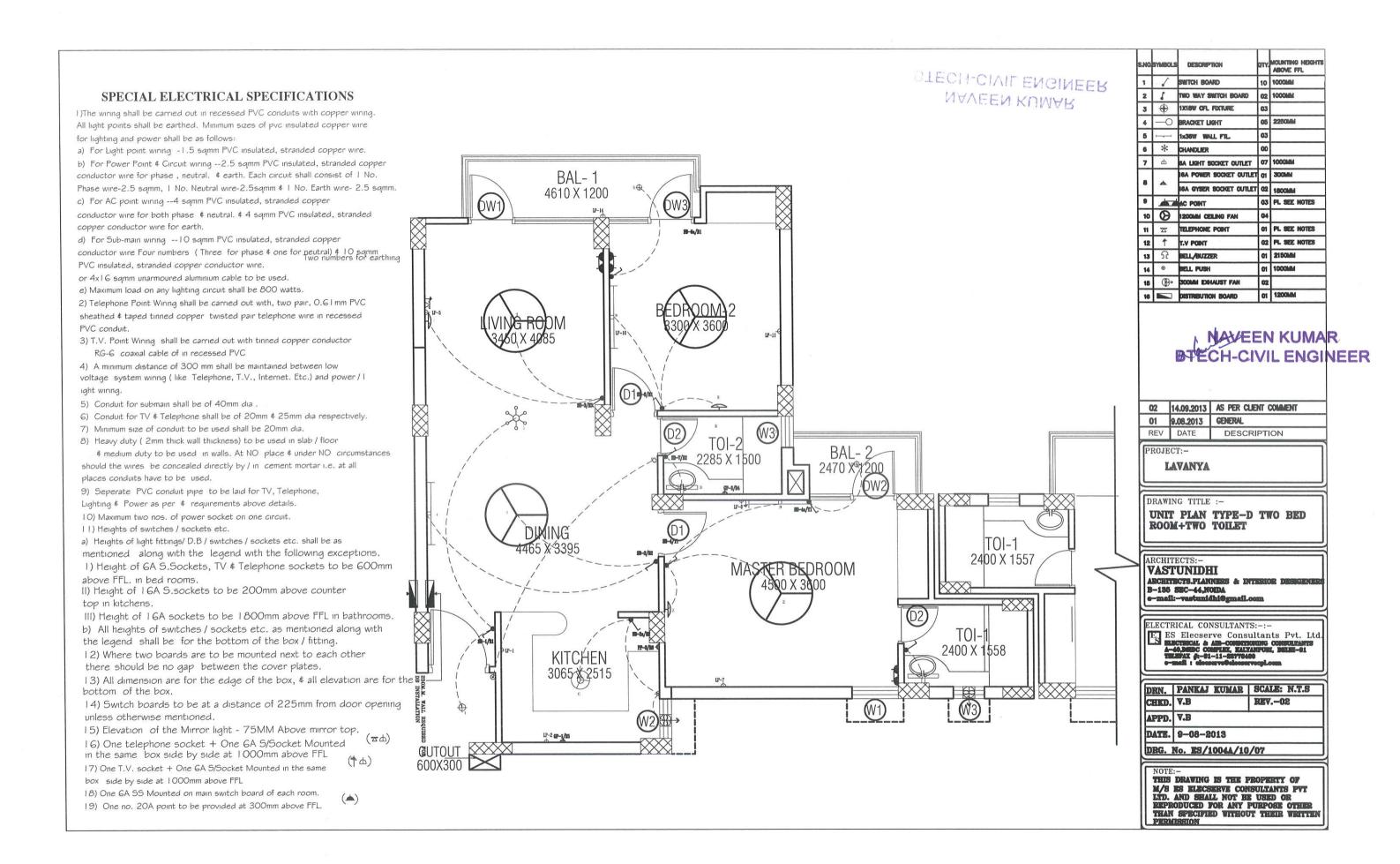
ELECTRICAL CONSULTANTS:-:-

ES Elecserve Consultants Pvt. Ltd.
ELECTRICAL & AIR-CONDITIONING CONSULTANTS
A-40,DSIDC COMPLEX, KALYANPURI, DELHI-91
TELEFAX #:-91-11-22776460
e-mail: elecserve@elecservecpl.com

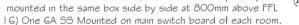
DRN.	PANKAJ KUMAR	SCALE: N.T.S
CHKD.	V.B	REV02
APPD.	V.B	
DATE.	9-08-2013	

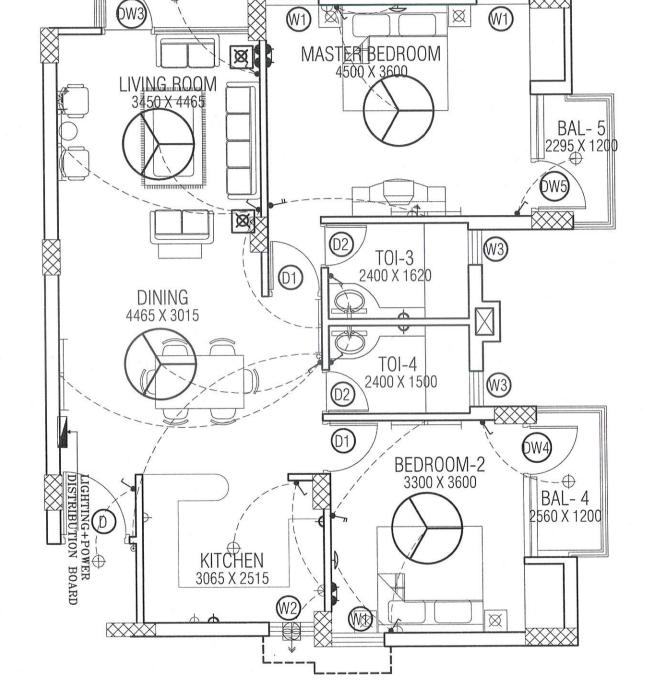
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- 1)The wiring shall be carried out in recessed PVC conduits with copper wiring. All light points shall be earthed. Minimum sizes of pvc insulated copper wire for lighting and power shall be as follows:
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- b) For Power Point & Circuit wiring -- 2.5 sqmm PVC insulated, stranded copper conductor wire for phase, neutral. \$ earth. Each circuit shall consist of 1 No. Phase wire-2.5 sqmm, I No. Neutral wire-2.5 sqmm \$ I No. Earth wire- 2.5 sqmm.
- c) For AC point wiring -- 4 sqmm PVC insulated, stranded copper conductor wire for both phase \$ neutral. \$ 4 samm PVC insulated, stranded copper conductor wire for earth.
- d) For Sub-main wiring -- 10 sqmm PVC insulated, stranded copper conductor wire Four numbers (Three for phase \$ one for neutral) \$ 10 sqmm PVC insulated, stranded copper conductor wire. Two numbers for earthing or 4x16 samm unarmoured aluminium cable to be used.
- e) Maximum load on any lighting circuit shall be 800 watts.
- 2) Telephone Point Wiring shall be carried out with, two pair, 0.61mm PVC sheathed \$ taped tinned copper twisted pair telephone wire in recessed PVC conduit.
- 3) T.V. Point Wiring shall be carried out with tinned copper conductor RG-6 coaxial cable of in recessed PVC
- 4) A minimum distance of 300 mm shall be maintained between low voltage system wiring (like Telephone, T.V., Internet. Etc.) and power / I ight wiring.
- 5) Conduit for submain shall be of 40mm dia .
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- 7) Minimum size of conduit to be used shall be 20mm dia.
- 8) Heavy duty (2mm thick wall thickness) to be used in slab / floor # medium duty to be used in walls. At NO place # under NO circumstances should the wires be concealed directly by / in cement mortar i.e. at all
- places conduits have to be used. 9) Seperate PVC conduit pipe to be laid for TV, Telephone,
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- the legend shall be for the bottom of the box / fitting.
- 12) Where two boards are to be mounted next to each other there should be no gap between the cover plates.
- 13) All dimension are for the edge of the box, \$ all elevation are for the bottom of the box.
- 14) Switch boards to be at a distance of 225mm from door opening unless otherwise mentioned.
- 15) One T.V. socket + One GA S/Socket + Telephone point mounted in the same box side by side at 800mm above FFL





BAL- 3 2675 X 1200⊕

NAVEEN KUMAR BTECH+CIVIL ENGINEER

S.HO.	SWEETS	DESCRIPTION	MOUNTING HEIGHTS ABOVE FIFL
1	Ê	DILITCH BOARD	OSCIMI(BOTTOM LVL.)
2	4	TWO WAY SWITCH BOARD	OBOMM(BOTTOM LVL.)
3	+	1X18W CPL FOCTURE	
4		1x30W WALL FTL.	2400MM(BOTTOM LVL.)
5	Ф	GA LIGHT SOCKET CUTLET DIEDBOE AND WITH TV SOCKET	BOOMM (BOTTOM LVL.)
6	ф	GA LIGHT SOCKET CUTLET	1080MM(BOTTOM LVL.)
	ф	ISA POWER SOCKET GUILET	
8		IGA GYSER SOCKET OUTLET	2100MM (BOTTOM LVL.)
9		AC POINT	SNITCH-300MM(BOTTOM) BOCKET-2100MM(BOTTOM
10	0	1200MM CELING FAN	
11	7	TELEPHONE POINT	BOOMM (BOTTOM LVL.)
12	1	T.V PORT	BOOMM (BOTTOM LVL.)
13	रि	BELL/BUZZER	2150MM
14	0	BELL PUSH	1000MM
15	(P)	SOOMM ESHAUST FAN	
16		DISTRIBUTION BOARD	1200M

COMMENTS:

.)POINT FOR CHANDLIER HAS NOT BEEN PROVIDED IN ANY OTER TYPE OF FLAT.

03	12.12.2013	
)2	14.09.2013	AS PER CLIENT COMMENT
01	9.08.2013	GENERAL
REV	DATE	DESCRIPTION

PROJECT:-

LAVANYA

DRAWING TITLE :

TYPICAL PLAN TYPE D'ENGRE

NAVEEN KUMA

ARCHITECTS:-VASTUNIDHI

ARCHITECTS.PLANNERS & INTERIOR DESIGNA B-135 SEC-44,NODA e-mail:-vastunidhi@gmail.com

ELECTRICAL CONSULTANTS:-:-

E ES Elecserve Consultants Pvt. Ltd
EECTREAL & AM CONSULTANTS

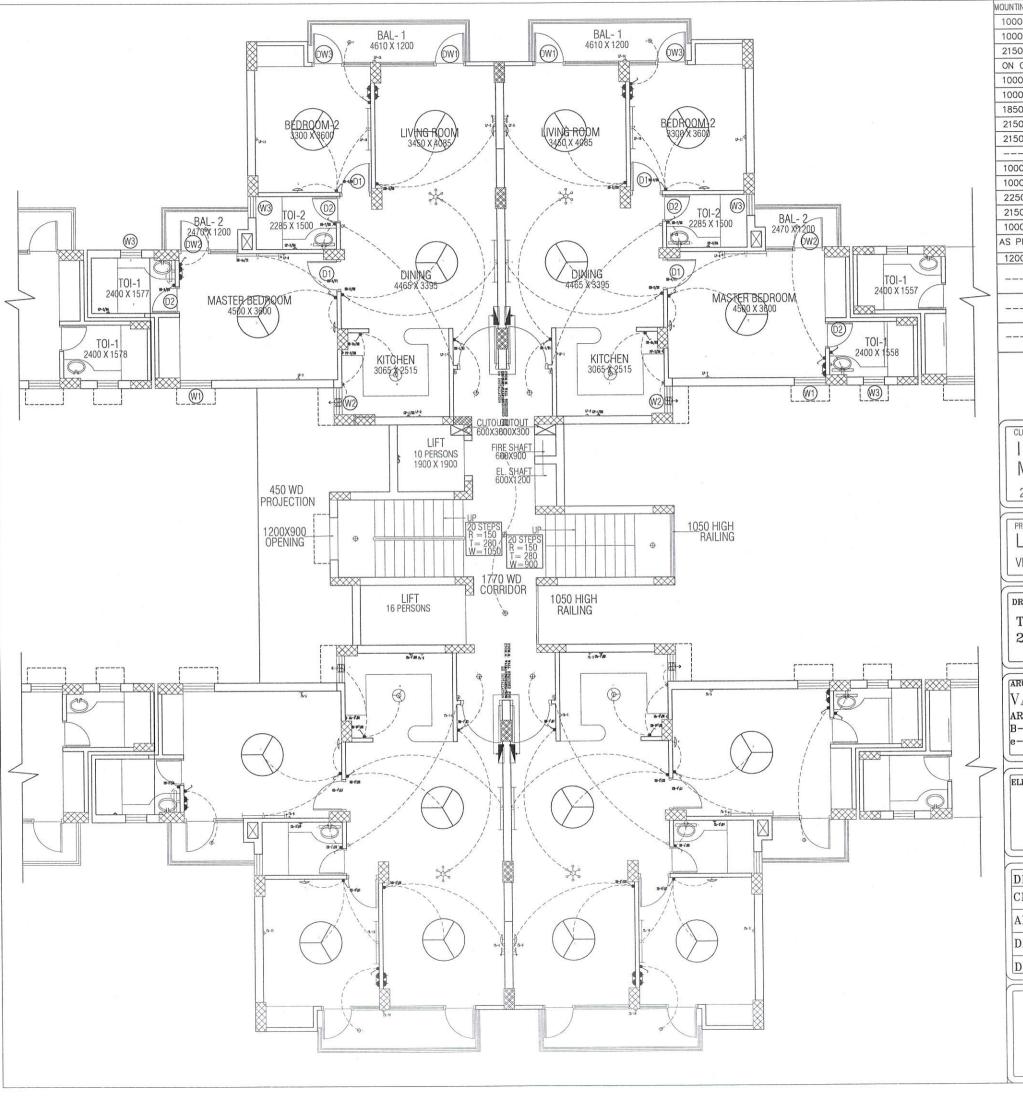
A-40,DEBC CONFIEM, EANADUM, DELECTI

TELEVAL &-01-11-ENTO400

- mail: electrophysecons

DRN.	PANKAJ KUMAR	SCALE: N.T.S
CHKD.	V.B	REV03
APPD.	V.B	
DATE.	9-08-2013	

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DUNTING HEIGHT	LEGEND	DESCRIPTION	QTY.(1)
	LLGEND	SWITCH BOARD	11
1000	9		
1000	3	TWO WAY SWITCH BOARD	3
2150	-0	BRACKET LIGHT	17
ON CEILING	0	1X18W CFL FIXTURE	6
1000	\mathbb{Z}	TELEPHONE POINT	6
1000	4-	T.V POINT	4
1850		1X18W MIRROR LIGHT	3
2150	_	PICTURE LIGHT	
2150	e	1X36W FLOURECENT TUBE LIGHT	5
		20A POINT (PLEASE REFFER	3
1000	ф	16A POWER PLUG POINT	5
1000	Ф	6A LIGHT PLUG POINT	21
2250	(BULK HEAD FITTING	1
2150		BELL/BUZZER	1
1000	0	BELL PUSH	1
AS PER SITE	(8)>>	225MM EXAUST FAN	4
1200		DISTRIBUTION BOARD	1
	(4)	900MM FAN	2
		1200MM FAN	7
	*	CHANDLIER	1

NAVEEN KUMAR BTECH-CIVIL ENGINEER

CLIENT:

I HOMES AND MAJESTIC PROPERTIES PVT.LTD.

208,0CEAN COMPLEX SEC-18,NOIDA

PROJECT:

LAVANYA

VILLAGE BHANKROTA, AJMER ROAD, JAIPUR

DRAWING TITLE :-

TOWER NO.T10,T11,T12,T13, 2-BEDROOM+ 2-TOILET(G+8)

ARCHITECTS:-

VASTUNIDHI

ARCHITECTS.PLANNERS & INTERIOR DESIGENERS B-28 SEC-44,NOIDA

e-mail:-vastunidhi@gmail.com

ELECTRICAL CONSULTANTS: -:-

ES Elecserve Consultants Pvt. Ltd. ELECTRICAL & AIR-CONDITIONING CONSULTANTS A-40,DSIDC COMPLEX, KALYANPURI, DELHI-91 TELEFAX #:-91-11-22776460 e-mail: elecserve@elecservecpl.com

DRN.	ASHOKA MIROK	SCALE: N.T.S
CHKD.	A.K.JAIN	REV01
APPD.	V.BHARGAVA	
DATE.	03-12-08	

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