

M/s Pune Vidyarthi Griha

College of Science & Technology

New Collage Building, CTS No.218 Nath Pal Nagar Ghatkopar (E) Mumbai 400077

ENERGY AUDIT REPORTS 2023



By-

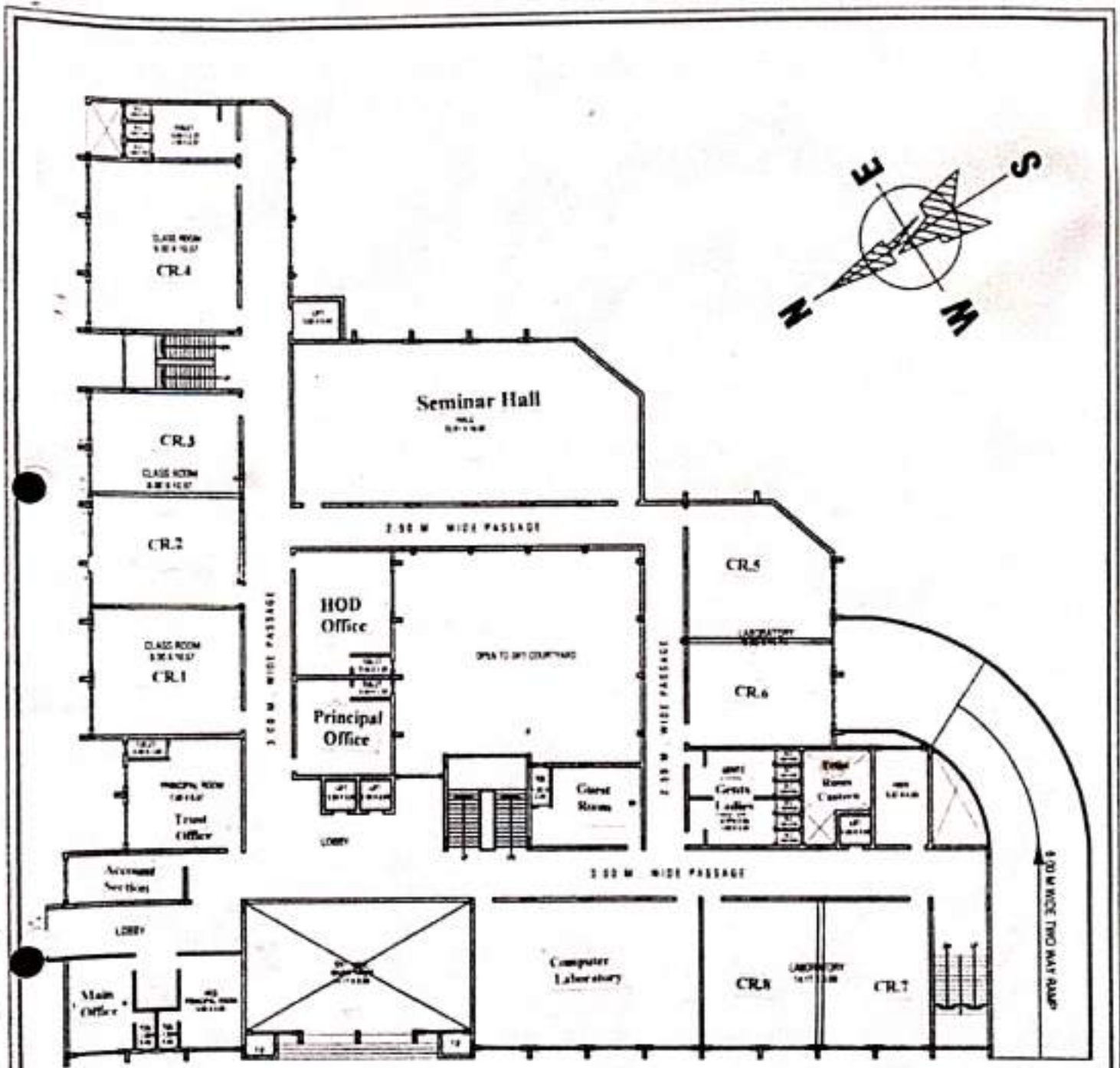



अशोक इलेक्ट्रीकल कॉर्पोरेशन
ASHOK ELECTRICAL CORPORATION

(Government Licenced Electrical Contractor, Engineer & Consultant)

 Office: 202, Shri Siddhivinayak Adora CHS., Bldg. No. O.B. 9, Hingwala Lane, Behind Ganesh Mandir, Pantnagar, Ghatkopar (E), Mumbai - 400075.
 M : 9820017395 / 9867617395 / 9892282900
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12 APR 2023



ground floor plan
Electrical Layout

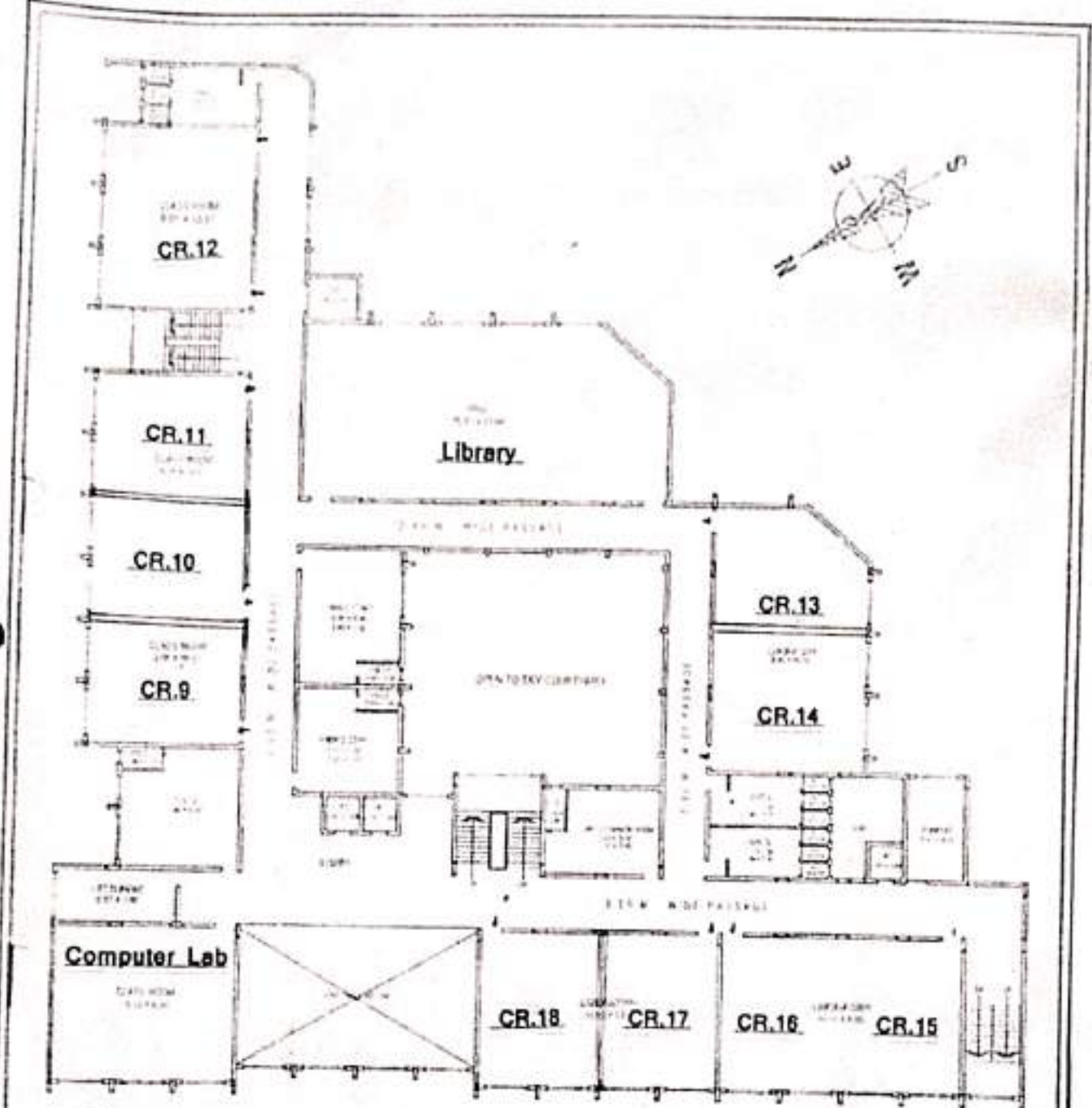
← 13.41M. WIDE ROAD →

FOR - PUNE VIDYARTHI GRIHA
 PLAN OF THE PROPERTY BEARING NO 218 OF
 VILLAGE GHATKOPAR AT NATH PAJNAGAR
 GHATKOPAR (EAST)

Architect *R. S. Patrawala*
 bhupendra patrawala
 room no. 1st 2nd floor,
 93, mumbai samachar marg,
 mumbai - 400 021

12 APR 2023





first floor plan
 Electrical Layout

FOR - PUNE VIDYARTHI GRIHA

PLAN OF THE PROPERTY BEARING NO 217 OF
 VILLAGE GHATKOPAR AT NATHIPALNAGAR
 GHATKOPAR (EAST)

Architect *Blupendra Patrawala*
 blupendra patrawala

Address: P. 2nd floor
 11, Anandwadi Marg
 Mumbai - 400 021

12 APR 2023





अशोक इलेक्ट्रीकल कॉर्पोरेशन ASHOK ELECTRICAL CORPORATION

(Government Licenced Electrical Contractor, Engineer & Consultant)

Undertake Installation of L.T. & H.T. Power of Housing & Commercial Complex, Installation of Street Lights & Liaisoning Work of Adani Electricity, M.S.E.D.C.L., Tata Power, B.E.S.T.

Office : 202, Shri Siddhivinayak Adora Co.op. Hsg. Society, Bldg. No. O.B. 9, Hingwala Lane, Pantnagar, Ghatkopar (E), Mumbai - 400075. M : 9820017395 / 9892282900 / 8655616879 • E : agw.9872@gmail.com

Electrical work inspection certificate

We hereby certify that the electrical installation work at the premises and for the party mentioned above has been carried out by us in full conformity with the Indian Electricity Rules 1956, and the conditions of supply. The particulars of the installation and insulation test results obtained by us are given below. (In case the form is filled up in respect of work of repairing and/ or testing of an existing installation, the above paragraph should specially be modified accordingly.)

Ref: - Public Service tariff - Account No. 151923385 - Meter No. SML0001419 (A.E.M.Ltd) 3Ø Meter

MAIN OFFICE Collage Building Ground Floor & First Floor - Electric Lighting Load

Sr No	Appliances	Total No.	Wattage	Total Wattage	Total KW
1	TUBE LIGHTS	11	22	11 x 22 Watts = 220 W	0.22KW
2	FAN Ceiling	09	60	09 x 60 Watts = 540 W	0.54 KW
3	15 AMP SOCKETS	-----	-----	-----	-----
4	Office Computer CPU	3	100	03 x 100 Watts = 300 W	0.30 KW
5	Monitor	3	40	03 x 40 Watts = 120 W	0.12 KW
6	Wi Fi Switch	1	40	01x 40 Watts = 40 W	0.04 KW
7	D Link Socket	1	100	01x 100 Watts = 100 W	0.10KW
8	05 AMP SOCKETS	69	40	69x 40 Watts = 2760W	2.76 KW
Office Gents Toilet Grd Floor					Total 4.044 KW
9	TUBE LIGHTS	02	20	02x 20 Watts = 40 W	0.04. KW
10	FAN	1	60	01x 60 Watts = 60 W	0.06.KW
11	05 AMP SOCKETS	1	60	01x 60 Watts = 60 W	0.06.KW
Office Ladies Toilet Grd Floor					Total 0.16 KW
12	Tube Light	02	20	01x 40 Watts = 40 W	0.04 KW
13	05 AMP SOCKETS	1	60	01x 60 Watts = 60 W	0.06 KW
Total Load					4.304 KW

ACCOUNT SECTION OFFICE Collage Building Ground Floor - Electric Lighting Load

Sr No	Appliances	Total No.	Wattage	Total Wattage	Total KW
14	TUBE LIGHTS	02	22	02 x 22 = 44 Watts	0.044KW
15	FAN Ceiling	01	60	01 x 60 W = 60 Watts	0.060 KW
16	15 AMP SOCKETS	11	40	11x 40 Watts = 440	0.44 KW
17	Office Computer CPU	1	100	1x 100 Watts	0.10 KW
18	Monitor	3	40	4x 40 Watts = 160	0.60 KW
19	Printers	1	100	1x 100 Watts	0.10 KW
TOTAL LOAD					1.254 KW



TRURST OFFICE Collage Building Ground Floor - Electric Lighting Load

Sr No	Appliances	Total No.	Wattage	Total Wattage	Total KW
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20	TUBE LIGHTS	20	22	20x 22 = 440 Watts	0.44 KW
21	FAN Ceiling	01	60	1x 6 = 60 Watts	0.060 KW
22	15 AMP SOCKETS	16	40	16 x 40 Watts 640	0.64 KW
23	Computer CPU All in One	1	150	1 x 150 Watts	0.15 KW
24	Air Condition	01	2.8KW	1x 28000 Watts	2.80 KW
25	TV	01	100	1x 100 Watts	0.10 KW
26	Wash Room Gazer	01	3 KW	1 x 3000W = 3 KW	3.00 KW
27	Wash Room Light LED	02	22	02 x 22 = 44 Watts	0.044KW
28	Wash Room Gazer	03	60	03x 60 = 180 Watts	0.18 KW
				Total Load	7.41 KW

Class Room No.1 Ground Floor -Electric Lighting Load

29	Ceiling Fan	6 x 100W	Total Wattage= 100 Watts	600 Watts	0.60 KW
30	Tube Light	6 x 20 Watts	Total Wattage= 120 Watts	120 Watts	0.12KW
31	05 AMP SOCKET	1 No x 100 Watts	100W	100 Watts	0.10 KW
32	Projector	100W x 1	100Watts	100 Watts	0.10 KW
				920 Watts	0.92 .KW

Class Room No.2 Ground Floor -Electric Lighting Load

33	Ceiling Fan	6 x 100W	Total Wattage= 100 Watts	600 Watts	0.60 KW
34	Tube Light	6 x 20 Watts	Total Wattage= 120 Watts	120 Watts	0.12KW
35	05 AMP SOCKET	1 No x 100 Watts	100W	100 Watts	0.10 KW
				820 Watts	0.82 .KW

Class Room No.3 Ground Floor -Electric Lighting Load

36	Ceiling Fan	6 x 100W	Total Wattage= 100 Watts	600 Watts	0.60 KW
37	Tube Light	6 x 20 Watts	Total Wattage= 120 Watts	120 Watts	0.12KW
38	05 AMP SOCKET	18 No x 100 Watts	1800W	1800 Watts	1.80 KW
				1870 Watts	1.87.KW

Class Room No.4 Ground Floor -Electric Lighting Load

39	Ceiling Fan	9 x 100W	Total Wattage= 900 Watts	600 Watts	0.90 KW
40	Tube Light	9 x 20 Watts	Total Wattage= 180 Watts	180 Watts	0.18 KW
41	05 AMP SOCKET (Projector)	03 No x 100 Watts	300W	300 Watts	0.30 KW
				1380 Watts	1.38.KW
42	Student Gents Toilet	Total No.	Wattage	Total	KW
43	TUBE LIGHTS	02	20 x 02 = 180 Watts	180 Watts	0.18KW
44	FAN	1	60 x 01= 60 Watts	60 Watts	0.06 KW
45	05 AMP SOCKETS (Projector)	1	60 x 1 += 60 Watts	60 Watts	0.06 KW
				Total 300 Watts	0.30KW

H.O.D OFFICE Ground Floor -Electric Lighting Load

46	Ceiling Fan	4 x 100W	Total Wattage= 400 Watts	400 Watts	0.40 KW
47	Tube Light	4x 20 Watts	Total Wattage= 80 Watts	80 Watts	0.80 KW
48	05 AMP SOCKET	03 No x 100 Watts	Total Wattage = 300W	300 Watts	0.30 KW
49	Computer CPU	01 No x 100 Watts	Total Wattage = 100W	100 Watts	0.10 KW
50	Monitor	01 No x 40 Watts	Total Wattage = 40W	40 Watts	0.04 KW
51	Printer	01 No x 100 Watts	Total Wattage = 100W	100 Watts	0.10 KW
52	Toilet Tube Light	01 No x 20 Watts	Total Wattage = 20W	100 Watts	0.02 KW
53	Toilet 5 Amp Socket	03 No x 100 Watts	Total Wattage = 300W	300 Watts	0.30 KW
				Total 2060 Watts	2.06 KW

Collage Principal Office Ground Floor

54	Ceiling Fan	4 x 100W	Total Wattage= 400 Watts	400 Watts	0.40 KW
55	Tube Light	4x 20 Watts	Total Wattage= 80 Watts	80 Watts	0.80 KW
56	05 AMP SOCKET	19 No x 100 Watts	Total Wattage = 1900W	1900 Watts	1.30 KW
57	Computer CPU	01 No x 100 Watts	Total Wattage = 100W	100 Watts	0.10 KW
58	Monitor	01 No x 40 Watts	Total Wattage = 40W	40 Watts	0.04 KW
59	Printer	01 No x 100 Watts	Total Wattage = 100W	100 Watts	0.10 KW

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60	Air Condition	01 x 2800 Watts	Total Wattage = 28000 W	28000Watts	2.8 KW
61	CCTV DVR	04 x 100W	Total Wattage= 400 Watts	400 Watts	0.40 KW
62	Toilet Tube Light	01 No x 20 Watts	Total Wattage = 20W	100 Watts	0.02 KW
63	Toilet 5 Amp Socket	03 No x 100 Watts	Total Wattage = 300W	300 Watts	0.30 KW
Total Points & KW				Total	6262 Watts 6.26 KW

Seminar Hall Ground Floor

64	Ceiling Fan	17x 100W	Total Wattage= 1700 Watts	1700 Watts	1.7 KW
65	Tube Light	29x 20W	Total Wattage= 580 Watts	580 Watts	0.58 KW
66	05 AMP SOCKET	14 No x 100 Watts	Total Wattage = 1400W	1400Watts	1.40 KW
67	15 AMP SOCKET	04 No x 200 Watts	Total Wattage = 800 W	800 Watts	0.8 KW
68	Air Condition	06x 2800 Watts	Total Wattage = 16800 W	16800Watts	16.8 KW
69	Acoustic System - Amplifier - Speaker	01x 120 Watts 06x 20 Watts	Total Wattage = 120 W Total Wattage = 120 W	240Watts	0.24 KW
Total Points & KW				Total 21520 Watts	21.52 KW

CR-05 Ground Floor

70	Ceiling Fan	05 x 100W	Total Wattage= 500 Watts	500 Watts	0.5 KW
71	Tube Light	06x 20W	Total Wattage= 120 Watts	120 Watts	0.12 KW
72	05 AMP SOCKET	01No x 100 Watts	Total Wattage = 100W	100 Watts	0.1 KW
73	15 AMP SOCKET	18 No x 200 Watts	Total Wattage = 3600 W	3600 Watts	3.6 KW
Total Points & KW				Total 4320 Watts	4.32 KW

CR-06 Ground Floor

74	Ceiling Fan	06 x 100W	Total Wattage= 600 Watts	600 Watts	0.6 KW
75	Tube Light	08x 20W	Total Wattage= 160 Watts	160 Watts	0.16 KW
76	05 AMP SOCKET	18No x 100 Watts	Total Wattage = 1800 W	1800 Watts	1.8 KW
77	05 AMP SOCKETS+ (Projector)	02No x 200 Watts	Total Wattage = 400 W	400 Watts	0.4 KW
Total Points & KW				Total 2960 Watts	2.96 KW

CR-07 Ground Floor

78	Ceiling Fan	09 x 100W	Total Wattage= 900 Watts	900 Watts	0.9 KW
79	Tube Light	07x 20W	Total Wattage= 140 Watts	140 Watts	0.14 KW
80	05 AMP SOCKET	03No x 100 Watts	Total Wattage = 300 Watts	300 Watts	0.3 KW
81	15 AMP SOCKET	03No x 200 Watts	Total Wattage = 600 Watts	600 Watts	0.6 KW
82	Projector	01 x 100 Watts	Total Wattage = 100 Watts	100 Watts	0.1 KW
Total Points & KW				Total 2040 Watts	2.04 KW

CR-08 Ground Floor

83	Ceiling Fan	06 x 100W	Total Wattage= 600 Watts	600 Watts	0.6 KW
84	Tube Light	04 x 20W	Total Wattage= 80Watts	80 Watts	0.08 KW
85	05 AMP SOCKETS+ (Projector)	02 x 200 Watts	Total Wattage = 400 Watts	400 Watts	0.4 KW
Total Points & KW				Total 1080 Watts	1.08 KW

TOILETS Ground Floor

86	Gents Toilet				
87	Tube Light	02x 20W	Total Wattage= 40Watts	40 Watts	0.04 KW
88	Ladies Toilet				
89	Tube Light	02x 20W	Total Wattage= 40Watts	40 Watts	0.04 KW
90	05 AMP SOCKET	02 x 100 Watts	Total Wattage = 200 Watts	200Watts	0.2 KW
91	Sanitary Napkin Machine	01 x 100 Watts	Total Wattage = 100 Watts	100 Watts	0.1 KW
Total Points & KW				Total 380 Watts	0.38 KW

Canteen Ground Floor

92	Ceiling Fan	02 x 100W	Total Wattage= 200 Watts	200 Watts	0.2 KW
93	Tube Light	02 x 20W	Total Wattage= 40Watts	40 Watts	0.04 KW
94	05 AMP SOCKET	06 x 100 Watts	Total Wattage = 600 Watts	600 Watts	0.6 KW
Total Points & KW				Total 840Watts	0.84 KW

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Guest Room Ground Floor

95	Ceiling Fan	02x 100W	Total Wattage= 200 Watts	200 Watts	0.2 KW
96	Tube Light	04x 20W	Total Wattage= 80 Watts	80 Watts	0.08 KW
97	Television Set	1 No x 100 Watts	Total Wattage = 100W	100Watts	0.1 KW
98	Air Condition	01x 1400 Watts	Total Wattage = 1400 W	1400Watts	1.4 KW
	Toilet				
99	Tube Light	01x 20W	Total Wattage= 20 Watts	20 Watts	0.02 KW
101	Geyser	01x3000	Total Wattage= 3000 Watts	3000 Watts	3 KW
102	5 AMP Socket	06x100	Total Wattage= 600 Watts	600 Watts	0.6 KW
	Total Points & KW			Total 5400 Watts	5.4 KW

Computer Laboratory-1 Ground Floor

103	Ceiling Fan	9 x 100W	Total Wattage= 900 Watts	900 Watts	0.9 KW
104	Tube Light	15x 20 Watts	Total Wattage= 300 Watts	300 Watts	0.3 KW
105	05 AMP SOCKET	219 No x 100 Watts	Total Wattage = 21900W	21900 Watts	21.9 KW
106	Computer CPU	65 No x 100 Watts	Total Wattage = 6500W	6500Watts	6.5 KW
107	Monitor	65 No x 40 Watts	Total Wattage = 40W	2600 Watts	2.6 KW
108	Printer	01 No x 100 Watts	Total Wattage = 100W	100 Watts	0.10 KW
109	Air Condition	02 x 2800 Watts	Total Wattage = 5600 W	5600Watts	5.6 KW
110	Projector	01 x 100W	Total Wattage= 100 Watts	100 Watts	0.1 KW
	Total Points & KW			Total 38000	Watts 38 KW

Passage & Outdoor Area Ground Floor

111	Lights	32 x 20W	Total Wattage= 640Watts	640 Watts	0.64 KW
		07 x 20W	Total Wattage= 140Watts	140 Watts	0.14
		02 x 50W	Total Wattage= 100Watts	100 Watts	0.1
		02 x 250W	Total Wattage= 500Watts	500 Watts	0.5
112	05 AMP SOCKET	06 x 100 Watts	Total Wattage = 600 Watts	600 Watts	0.6 KW
	Total Points & KW			Total 1980Watts	1.98 KW

Load Summary

Sr No 1-13	4.044 KW	38-38	1.87 KW	64-69	21.52 KW	86-91	0.38 KW	Sr No. 1 TO 113 TOTAL Load 15.498 + 37.61 + 30.08 + 46.6 = 129.788 KW
Sr No 14-19	1.254 KW	39-41	1.38 KW	70-73	4.32 KW	92-94	0.84 KW	
Sr No 20-28	7.41 KW	42-45	0.30 KW	74-77	2.96 KW	95-102	5.4KW	
Sr No 29-32	0.92 KW	46-53	2.06 KW	78-82	0.204KW	104-110	38.KW	
Sr No 33-35	1.87 KW	54-63	6.26 KW	83-85	1.08 KW	111-113	1.98KW	
1 TO 35	15.498	36-63	37.61	64-85-	30.08	86-113-	46.6 KW	

The Electrification of the above building we are Submitting Test reports of Insulation Resistance & Earth Resistance test Results. You are requested to please arrange earlier inspection of the electrical installation.

Lighting	Earth Resistance test....0.18 Ohms
Between Phase to Phase_15_Mega ohms	Between Phase to Earth _12 Mega ohms

Remarks- Caption Premises internal Wiring and Supply done buys And All Electrical Safety Taken into Consideration Use the ELCB 125/30 Ma & Earthlings .in D.B Box
All Wiring is In Healthy Condition

Note:-
The Above Said Electrical Inspection on This Dated 11/04/2023Ok
Certificate Valid for One Year This Certificate Not Valid If Done any Extra unauthorized Wiring & Points or Temp Wiring.



You Faithfully
For Ashok Electric Corporation,

Ashok
Proprietor

M.C.12615 / M.S.30999

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Ref:- Public Service tariff Account No.151923385 -Meter No SM10042578

Computer Laboratory-2 First Floor

1	Ceiling Fan	9 x 100W	Total Wattage= 900 Watts	900 Watts	0.9 KW
2	Tube Light	12 x 20 Watts	Total Wattage= 240 Watts	240 Watts	0.24 KW
3	05 AMP SOCKET	136 No x 100 Watts	Total Wattage = 13600W	13600 Watts	13.6 KW
4	Computer CPU	33 No x 100 Watts	Total Wattage = 3300W	3300Watts	3.3 KW
5	Monitor	33 No x 40 Watts	Total Wattage = 1320W	1320 Watts	1.32 KW
7	Air Condition	02 x 2800 Watts	Total Wattage = 5600 W	5600Watts	5.6 KW
8	Projector	01 x 100W	Total Wattage= 100 Watts	100 Watts	0.1 KW
1-8	Total Points & KW			Total 25060 Watts	25.06 KW

Stationary room First Floor

9	Ceiling Fan	02 x 100W	Total Wattage= 200 Watts	200 Watts	0.2 KW
10	Tube Light	04 x 20W	Total Wattage= 80Watts	80 Watts	0.08 KW
11	05 AMP SOCKET	02 x 100 Watts	Total Wattage = 200 Watts	200 Watts	0.2 KW
9-11	Total Points & KW			Total 840Watts	0.48 KW

CR-09 First Floor

12	Ceiling Fan	06 x 100W	Total Wattage= 600 Watts	600 Watts	0.6 KW
13	Tube Light	08 No x 20W	Total Wattage= 160 W	160 Watts	0.16 KW
14	15 AMP SOCKET	02 x 200 Watts	Total Wattage = 400 Watts	400 Watts	0.4 KW
12-14	Total Points & KW			Total 960Watts	0.96 KW

CR-10 First Floor

15	Ceiling Fan	06 x 100W	Total Wattage= 600 Watts	600 Watts	0.6 KW
16	Tube Light	08 No x 20W	Total Wattage= 160 W	160 Watts	0.16 KW
17	05 AMP SOCKET	02 x 100 Watts	Total Wattage = 200 Watts	200 Watts	0.2 KW
15-17	Total Points & KW			Total 760Watts	0.76 KW

CR-11 First Floor

18	Ceiling Fan	06 x 100W	Total Wattage= 600 Watts	600 Watts	0.6 KW
19	Tube Light	08 No x 20W	Total Wattage= 160 W	160 Watts	0.16 KW
20	05 AMP SOCKET	02 x 100 Watts	Total Wattage = 200 Watts	200 Watts	0.2 KW
18-20	Total Points & KW			Total 760Watts	0.76 KW



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CR-12 First Floor					
21	Ceiling Fan	09x 100W	Total Wattage= 900 Watts	900 Watts	0.9 KW
22	Tube Light	12x 20W	Total Wattage= 240 Watts	240 Watts	0.24 KW
23	15 AMP SOCKET	03 No x 200 Watts	Total Wattage = 600 W	600 Watts	0.6 KW
21-23	Total Points & KW			Total 4320 Watts	1.74 KW

Library First Floor					
24	Ceiling Fan	18 x 100W	Total Wattage= 1800 Watts	1800 Watts	1.8 KW
25	Tube Light	24x 20W	Total Wattage= 480 Watts	480 Watts	0.48 KW
26	05 AMP SOCKET	20No x 100 Watts	Total Wattage = 2000 Watts	2000 Watts	2 KW
24-26	Total Points & KW			Total 4320 Watts	4.28 KW

CR-13 First Floor					
27	Ceiling Fan	09x 100W	Total Wattage= 900 Watts	900 Watts	0.9 KW
28	Tube Light	12x 20W	Total Wattage= 240 Watts	240 Watts	0.24 KW
29	15 AMP SOCKET	03 No x 200 Watts	Total Wattage = 600 W	600 Watts	0.6 KW
27-29	Total Points & KW			Total 4320 Watts	1.74 KW

CR-14 First Floor					
30	Ceiling Fan	09 x 100W	Total Wattage= 900 Watts	900 Watts	0.9 KW
31	Tube Light	12x 20W	Total Wattage= 240 Watts	240 Watts	0.24 KW
32	15 AMP SOCKET	03No x 200 Watts	Total Wattage = 600 Watts	600 Watts	0.6 KW
30-32	Total Points & KW			Total 4320 Watts	1.74 KW

CR-15 First Floor					
33	Ceiling Fan	06 x 100W	Total Wattage= 600 Watts	600 Watts	0.6 KW
34	Tube Light	08 No x 20W	Total Wattage= 160 W	160 Watts	0.16 KW
35	15 AMP SOCKET	02 x 200 Watts	Total Wattage = 400 Watts	400 Watts	0.4 KW
33-35	Total Points & KW			Total 960Watts	0.96 KW

CR-16 First Floor					
36	Ceiling Fan	06 x 100W	Total Wattage= 600 Watts	600 Watts	0.6 KW
37	Tube Light	08 No x 20W	Total Wattage= 160 W	160 Watts	0.16 KW
38	15 AMP SOCKET	02 x 200 Watts	Total Wattage = 400 Watts	400 Watts	0.4 KW
36-38	Total Points & KW			Total 960Watts	0.96 KW

CR-17 First Floor					
39	Ceiling Fan	06 x 100W	Total Wattage= 600 Watts	600 Watts	0.6 KW
40	Tube Light	08 No x 20W	Total Wattage= 160 W	160 Watts	0.16 KW
41	15 AMP SOCKET	02 x 200 Watts	Total Wattage = 400 Watts	400 Watts	0.4 KW
39-41	Total Points & KW			Total 960Watts	0.96 KW

CR-18 First Floor					
42	Ceiling Fan	06 x 100W	Total Wattage= 600 Watts	600 Watts	0.6 KW
43	Tube Light	08 No x 20W	Total Wattage= 160 W	160 Watts	0.16 KW
44	15 AMP SOCKET	02 x 200 Watts	Total Wattage = 400 Watts	400 Watts	0.4 KW
42-44	Total Points & KW			Total 960Watts	0.96 KW

TOILETS First Floor					
45	Tube Light	01x 20W	Total Wattage= 20Watts	20 Watts	0.02 KW
46	05 AMP SOCKET	01 x 100 Watts	Total Wattage = 100 Watts	100Watts	0.1 KW
45-46	Total Points & KW			Total 380 Watts	0.12 KW

Common Boys room First Floor					
47	Ceiling Fan	04 x 100W	Total Wattage= 400 Watts	400 Watts	0.4 KW
48	Tube Light	08 x 20W	Total Wattage= 160 Watts	160 Watts	0.16 KW
47-48	Total Points & KW			Total 4320 Watts	0.56 KW



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Common Girls room First Floor

49	Ceiling Fan	04 x 100W	Total Wattage= 400 Watts	400 Watts	0.4 KW
50	Tube Light	08 x 20W	Total Wattage= 160 Watts	160 Watts	0.16 KW
49-50	Total Points & KW			Total 4320 Watts	0.56 KW

Exam section First Floor

51	Ceiling Fan	04 x 100W	Total Wattage=400 Watts	400 Watts	0.4 KW
52	Tube Light	07 x 20W	Total Wattage= 140Watts	140 Watts	0.14 KW
53	05 AMP SOCKET	15 x 100 Watts	Total Wattage = 1500 Watts	1500 Watts	1.5 KW
54	Computer CPU	04 No x 100 Watts	Total Wattage = 400W	400Watts	0.4 KW
55	Monitor	04 No x 40 Watts	Total Wattage = 160W	400Watts	0.16KW
56	Printer	01 No x 100 Watts	Total Wattage = 100W	100 Watts	0.10 KW
57	Xerox Machine	01 No x 1500 Watts	Total Wattage = 1500W	1500 Watts	1.5 KW
51-57	Total Points & KW			Total 4200Watts	4.2 KW

Computer Library First Floor

58	Computer CPU	09 No x 100 Watts	Total Wattage = 900W	900Watts	0.9 KW
59	Monitor	04 No x 40 Watts	Total Wattage = 160W	160Watts	0.16 KW
60	Printer	01 No x 100 Watts	Total Wattage = 100W	100 Watts	0.10 KW
58-60	Total Points & KW			Total 2060 Watts	2.06 KW

Electronics Library First Floor

61	Ceiling Fan	06No x 100 Watts	Total Wattage = 600W	600Watts	0.6 KW
62	Tube Light	08 No x 20W	Total Wattage= 160 W	160 Watts	0.16 KW
63	15 AMP SOCKET	01 No x 200 Watts	Total Wattage =200 W	200 Watts	0.2 KW
61-63	Total Points & KW			Total 960Watts	0.96 KW

TOILETS First Floor Gents Toilet

64	Tube Light	02x 20W	Total Wattage= 40Watts	40 Watts	0.04 KW
65	05 AMP SOCKET	01 x 100 Watts	Total Wattage = 100 Watts	100Watts	0.1KW
66	Ladies Toilet				
67	Tube Light	02x 20W	Total Wattage= 40Watts	40 Watts	0.04 KW
68	05 AMP SOCKET	01x 100 Watts	Total Wattage = 100 Watts	100Watts	0.1 KW
64-68	Total Points & KW			Total 640 Watts	0.64 KW

Gymkhana First Floor

69	Ceiling Fan	12 x 100W	Total Wattage= 1200 Watts	1200 Watts	1.2 KW
70	Tube Light	16 x 20W	Total Wattage= 320 Watts	320 Watts	0.32 KW
71	15 AMP SOCKET	04No x 200 Watts	Total Wattage = 800 Watts	800 Watts	0.8 KW
69-71	Total Points & KW			Total 2320 Watts	2.32 KW

Staff room First Floor

72	Ceiling Fan	03x 100W	Total Wattage= 300 Watts	300 Watts	0.3 KW
73	Tube Light	04 x 20W	Total Wattage= 80 Watts	80Watts	0.08 KW
74	05 AMP SOCKET	03No x 100 Watts	Total Wattage = 300 Watts	300 Watts	0.3 KW
72-74	Total Points & KW			Total 680 Watts	0.68 KW

Passage & Outdoor Area First Floor

75	Tube Light	13x 20W	Total Wattage= 260 Watts	260Watts	0.26 KW
76	15 AMP SOCKET	02 x 200 Watts	Total Wattage = 400 Watts	400 Watts	0.4KW
77	05 AMP SOCKET	05 x 100 Watts	Total Wattage = 500 Watts	500 Watts	0.5 KW
78	Water cooler	01 x 600	Total Wattage = 600 Watts	600 Watts	0.6 KW
75-78	Total Points & KW			Total 1980Watts	1.76 KW



17 2 APR 2023

Load Summary

Sr No 1-08	25.06 KW	24-26	4.28 KW	39-41	0.96 KW	51-57	4.2 KW	Sr No. 1 TO 67 TOTAL Load 30.3 + 09.68 + 2.29 + 12.62 = Total Sr Load - 54.89. KW
Sr No 09-11	0.48 KW	27-29	1.74 KW	42-44	0.96 KW	58-60	2.08 KW	
Sr No 12-14	0.96 KW	30-32	1.74 KW	45-46	0.12 KW	61-63	0.96 KW	
Sr No 15-17	0.76 KW	33-35	0.96 KW	47-48	0.56 KW	64-66	0.64 KW	
Sr No 18-20	0.76 KW	36-38	0.96 KW	49-50	0.56 KW	69-71	2.32 KW	
Sr No 21-23	1.74 KW					72-74	0.68 KW	
1-23	30.3 KW	24-38	9.68	39-50	2.29 KW	75-78	1.76 KW	
						51-78	12.62 KW	

Sr.	Floor	Total KW Load	
1	Ground Floor & First Floor	129.788 KW	/
3	Ground Floor & Hall	54.89. KW	
4	Water Pump	—	10. HP
5.	Normal Fire Fighting	Total Motor Load	80 HP
	TOTAL- College Building Load	184.67 KW	Total HP – 90 HP

The Electrification of the above building we are Submitting Test reports of Insulation Resistance & Earth Resistance test Results. You are requested to please arrange earlier inspection of the electrical installation.

Lighting Between Phase to Phase 15 Mega ohms	Earth Resistance test.... 0.18 Ohms Between Phase to Earth 12 Mega ohms
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Remarks- Caption Premises internal Wiring and Supply done buys And All Electrical Safety Taken into Consideration Use the ELCB 125/30 Ma & Earthlings .in D.B Box
 All Wiring is in Healthy Condition

Note:-

The Above Said Electrical Inspection on This Dated 11/04/2023Ok
 Certificate Valid for One Year This Certificate Not Valid If Done any Extra unauthorized Wiring & Points or Temp Wiring.

You Faithfully



For Ashok Electric Corporation,

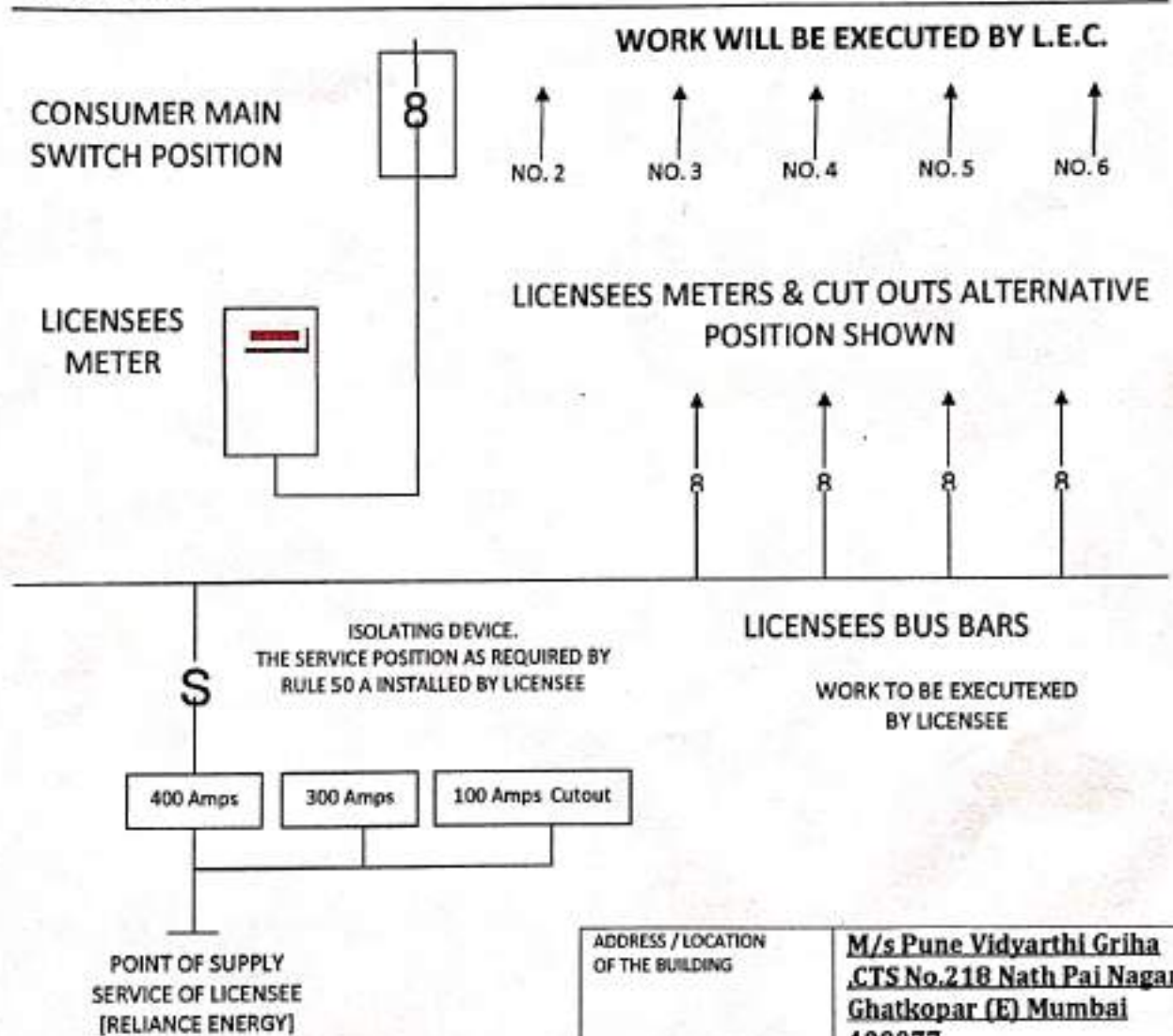
(Signature)
 Proprietor

M.C.12615 / M.S.30999

12 APR 2023

TYPICAL ARRANGEMENT FOR SUPPLY OF ENERGY TO MULTI-STOREYED COLLEGE BUILDING

CONSUMER



ADDRESS / LOCATION OF THE BUILDING	M/s Pune Vidyarthi Griha CTS No.218 Nath Pai Nagar Ghatkopar (E) Mumbai 400077
NAME OF THE BUILDER	M/s Pune Vidyarthi Griha
NAME OF THE LICENSED ELECTRICAL CONTRACTOR	M/s. Ashok Electrical Corporation, Mumbai .75
STIPULATED TIME PERIOD FOR COMPLETION OF WORK	Part Work Done Basement & Ground First Floor Completed. 1Jan 2014

Ashok

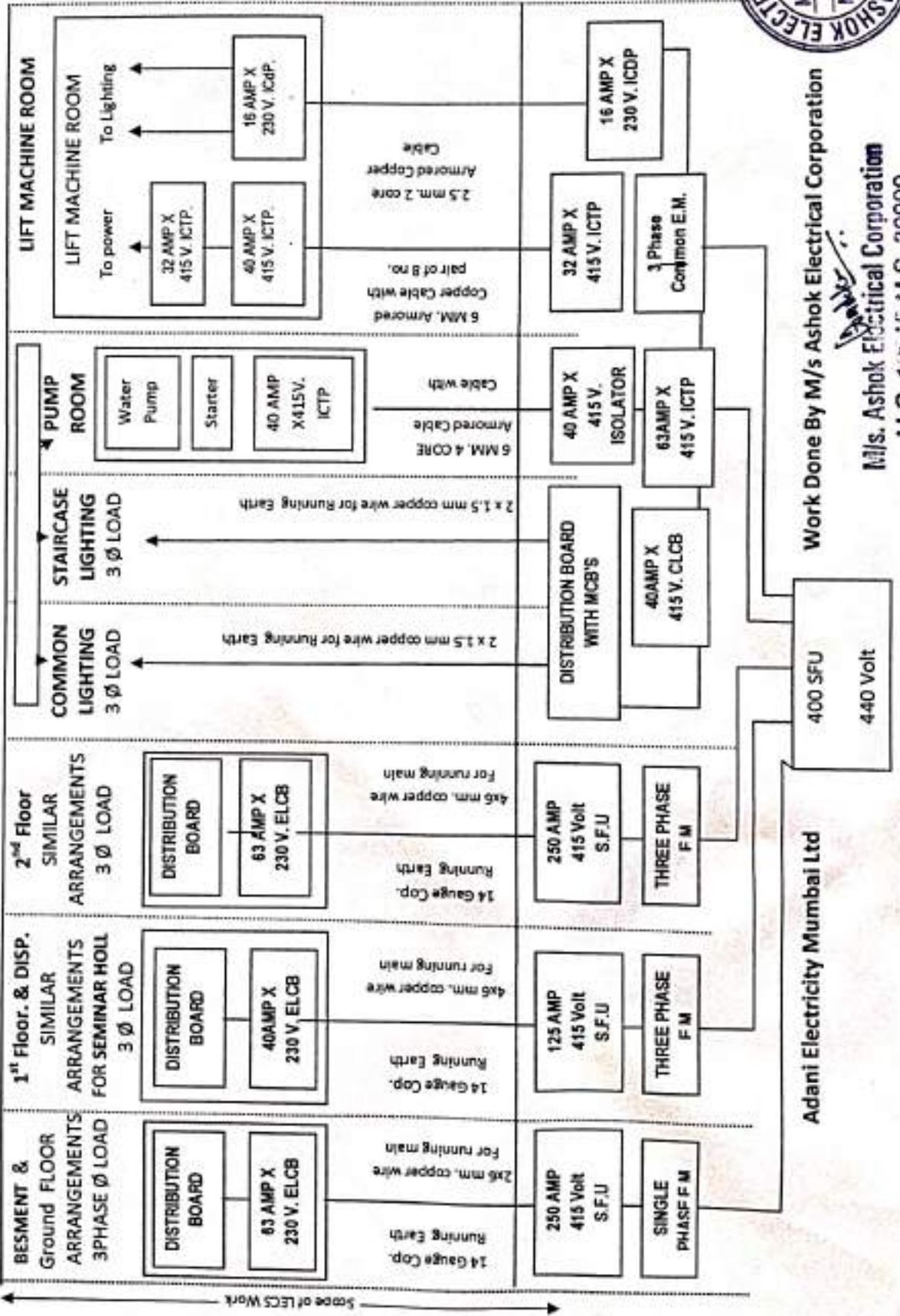
**M/s. Ashok Electrical Corporation
M.C. 12515-M.S. 30999**

12 APR 2023



Proposed New Collage Building M/s Pune Vidyarthi Griha, CTS No.218 Nath Pai Nagar Ghatkopar (E) Mumbai 400077

TYPICAL LINE DIAGRAM SHOWING WIRING IN HIGH RISING BUILDING



Work Done By M/s Ashok Electrical Corporation
 M/s. Ashok Electrical Corporation
 M.C. 12515-M.S. 30999
 12 APR 2023