



GROUND FLOOR PLAN

DISTRIBUTION BOARD				LOCATION : GROUND FLOOR STAIR CASE	
CKT. NO	WIRE SIZE IN SQ. mm "Cu"	SP MCBs IN AMPS	LOCATIONS	NO. OF POINTS	LOAD IN WATTS
A1	2.5 & 1.5	10	DRAWING/DINING ROOM	11	800 W
A2	2.5 & 1.5	10	KITCHEN	05	360 W
A3	2.5 & 1.5	10	BED ROOM/TOILET	11	800 W
A4	2.5 & 1.5	10	BED ROOM/TOILET	11	760 W
A5	4.0 & 2.5	20	DRAWING/DINING ROOM	01	1800 W
A6	4.0 & 2.5	20	DRAWING/DINING ROOM	02	1800 W
A7	4.0 & 2.5	20	KITCHEN	02	1500 W
A8	4.0 & 2.5	20	BED ROOM/TOILET	02	1800 W
A9	4.0 & 2.5	20	BED ROOM /TOILET	02	1800 W
A10		20	SPARE		
A11		10	SPARE		
A12		10	SPARE		
FROM INCOMING:-40AMPS DP MCB 2x6 SQ. mm & 1x2.5 sq. mm. Cu. EARTH WIRE IN CONDUIT				TOTAL	11420 W
				GRAND TOTAL	11.42 kW

LEGEND-

S Nos.	SYMBOL	DESCRIPTION	HEIGHT FROM F.F.L.
1.		SWITCH BOARD	1200mm.
2.		1x40W LED FIXTURE CEILING MOUNTED	-
3.		1x40W LED FIXTURE WALL MOUNTED	2100mm.
4.		WALL LIGHT POINT (40 WATT)	2100mm.
5.		CEILING LIGHT POINT (40 WATT)	-
6.		CALL BELL POINT	1200mm.
7.		BUZZER	2100mm.
8.		EXHAUST FAN POINT	2100mm.
9.		CEILING FAN POINT (900 MM DIA)	-
10.		CEILING FAN POINT (1200 MM DIA)	-
11.		MIRROR LIGHT FIXTURE (40 WATT)	1500mm.
12.		CHANDIELIER LIGHT	-
13.		6A SWITCH SOCKET OUTLET	300mm.
14.		6/16A SWITCH SOCKET OUTLET	300mm.
15.		GEYSER SOCKET OUTLET	2100mm.
16.		AC POINT	300mm.
17.		TELEPHONE POINT	300mm.
18.		TV SOCKET OUTLET	300mm.
19.		DISTRIBUTION BOARD	1500mm.
20.		20 mm.Ø CONDUIT FOR LIGHTING	
21.		20 mm.Ø CONDUIT FOR POWER	
22.		20 mm.Ø CONDUIT FOR TV	
23.		20 mm.Ø CONDUIT FOR TELEPHONE	

CLIENT:-

DIRECTORATE GENERAL
ASSAM RIFLES
SHILLONG

PROJECT :

**CONSTRUCTION OF TYPE - IV QUARTER
FOR ASSAM RIFLES AT
KOHIMA, NAGALAND**

DRG TITLE :-

**LIGHTING LAYOUT
GROUND FLOOR PLAN**

DRAWING NO:- TYPE-IV-EL-01

SCALE :-

DATE 28.09.2017

DRAWN BY:

CHECKED BY:

PROJECT EXECUTING AGENCY :-



HINDUSTAN PREFAB LTD.
(A Govt. of India Enterprise)
Jangpura, New Delhi

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