

GROUND FLOOR ILLUMINATION LAYOUT

AREA: - 2361.6 SFT (SCALE 1:50)

CKT.NO.	WIRE SIZE	SP. MCB'S RATING IN AMP	LOCATION	PHASE
A-1	2x2.5+1x2.5	10	GUEST ROOM+ KITCHEN	R
A-2	2x2.5+1x2.5	10	DINING+ BED ROOM1	Y
A-3	2x2.5+1x2.5	10	BED ROOM2+ TOILET	В
A-4	2x2.5+1x2.5	10	TOILET+LIVING VERANDAH	R
A-5	2x2.5+1x2.5	10	GUEST ROOM	Y
A-6	2x2.5+1x2.5	10	BED ROOM1	В
A-7	2x2.5+1x2.5	10	BED ROOM2	R
A-8	2x2.5+1x2.5	10	LIVING	Y
A-9	2x2.5+1x2.5	10	LIVING	В
A-10	2x2.5+1x2.5	6	STAIR	R
A-11		10	SPARE	Y
A-12		6	SPARE	В

KT.NO.	WIRE SIZE	SP. MCB'S RATING IN AMP	LOCATION	PHASE
o-1	2x6+1x6	20	GUEST ROOM	R
a-2	2x4+1x4	16	KITCHEN	Y
a-3	2x4+1x4	16	KITCHEN	В
a-4	2x4+1x4	16	KITCHEN	R
a-5	2x4+1x4	16	VERANDAH	Y
a-6	2x4+1x4	16	DINING	В
a-7	2x6+1x6	20	BED ROOM1	R
a-8	2x6+1x6	20	BED ROOM2	Y
a-9	2x6+1x6	20	TOILET-1	В
a-10	2x6+1x6	20	TOILET-2	R
a-11		16	SPARE	Y
a-12		20	SPARE	В

CKT.NO.	WIRE SIZE IN SQ MM	SP. MCB'S RATING IN AMP	LOCATION	PHASE
B-1	2x2.5+1x2.5	6	TOILET+ STORE	R
B-2	2x2.5+1x2.5	10	DINING+ KITCHEN	Y
B-3	2x2.5+1x2.5	10	BED ROOM1	В
B-4	2x2.5+1x2.5	10	BED ROOM2+ TOILET	R
B-5	2x2.5+1x2.5	10	TOILET+LIVING VERANDAH	Y
B-6	2x2.5+1x2.5	10	BED ROOM1	В
B-7	2x2.5+1x2.5	10	BED ROOM2	R
B-8	2x2.5+1x2.5	10	LIVING	Y
B-9	2x2.5+1x2.5	10	LIVING	В
B-10	2x2.5+1x2.5	6	STAIR	R
B-11		10	SPARE	Y
B-12			SPARE	В

CKT.NO.	WIRE SIZE IN SQ MM	SP. MCB'S RATING IN AMP	LOCATION	PHASE
b-1	2x6+1x6	20	TOILET	R
b-2	2x4+1x4	16	KITCHEN	Y
b-3	2x4+1x4	16	KITCHEN	В
b-4	2x4+1x4	16	KITCHEN	R
b-5	2x4+1x4	16	VERANDAH	Y
b-6	2x4+1x4	16	DINING	В
b-7	2x6+1x6	20	BED ROOM1	R
b-8	2x6+1x6	20	BED ROOM2	Y
b-9	2x6+1x6	20	TOILET-1	В
b-10	2x6+1x6	20	TOILET-2	R
b-11	2x6+1x6	16	STORE	Y
b-12		20	SPARE	В

PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PYT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI—834002

LEGEND:

S. No.

8.

13.

18

19.

21.

22.

23.

SYMBOL

 ∞

 \boxtimes

Ō

MAIN LT PANEL

(Electrical)

DESCRIPTION

BULK HEAD (60 WATT CFL) 2x18 WATT CFL LIGHT

TUBE LIGHT(1x28W)

300Ø FRESH AIR FAN

1400 MM CEILING FAN

300Ø EXHAUST AIR FAN

20 AMP PLUG POINT FOR AC

5 AMP PLUG POINT (FOR TV)

SWITCH BOARD FROM SWITCH BOARD-25MM

SWITCH BOARD WITH 6A PLUG

SVD LAMP FOR BUILDING (150W) TPN LDB (4+18) 6 WAY (DOUBLE DOOR)

DISTRIBUTION BOARD FOR LIGHT TPN PDB (4+18) 6 WAY (DOUBLE DOOR) DISTRIBUTION BOARD FOR POWER

INDICATES CONTROLLING OF LIGHT/FAN

20 AMP POWER SOCKET (GEYSER)

5/15 AMP POWER POINT

T.V. ANTENNA POINT

TELEPHONE POINT

CALL BELL PUSH

CALL BELL

2Nos. 5 AMP PLUG POINT FOR COMPUTER

(ROUND SURFACE MOUNTED) TUBE LIGHT(2x28W) BOX TYPE

18 WATT CFL LIGHT IN HOLDER

POSITION

2400

2400

CEILING

2400/CEILIONG 2400/CEILION

> 2400 CEILING

> > 2400

1050

1850

450 400

2100

400

1200

1800

1250

1250

300

1800

1800

Α				
А	<u> </u>			
	2			
	\triangle			
	REV.	DATE	BY	

NOTES:-1. ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED. 2. \pm 0.00 LEVEL CORRESPONDS TO PLINTH LEVEL(P.L.) OF BUILDING. WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL(G.L.).

CHECKED & APPROVED S.C. PRASAD DESIGN BY S.M. HAQUE DRAWN BY PRANAB SIZE-

GROUND FLOOR ILLUMINATION LAYOUT

DRG. NO.-RDCS/BSEIDC/0033/PSQ/001 SHEET 1 OF 4 REV R=0

900 HEIGHT PARAPET WALL KITCHEN / 2100X3350 STORE 1470X1610 DINING 3045X4265 DINING 3045X4265 LIVING 3570X4265 1220 WIDE BALCONY 1220 WIDE BALCONY W2

FIRST FLOOR ILLUMINATION LAYOUT

AREA: - 2361.6 SFT

(SCALE 1:50)

DISTRIBUTION BOARD (FOR LIGHT) (C) (4WAY -TPN) LOCATION: INFANT OF STAIRS (GROUND FLOOR)					
CKT.NO.	WIRE SIZE IN SQ MM	SP. MCB'S RATING IN AMP	LOCATION	PHASE	
C-1	2x2.5+1x2.5	6	VERANDAH+ STORE	R	
C-2	2x2.5+1x2.5	10	KITCHEN	Y	
C-3	2x2.5+1x2.5	10	DINING	В	
C-4	2x2.5+1x2.5	10	BED ROOM1	R	
C-5	2x2.5+1x2.5	10	BED ROOM2+ TOILET	Y	
C-6	2x2.5+1x2.5	10	TOILET+LIVING VERANDAH	В	
C-7	2x2.5+1x2.5	10	BED ROOM1	R	
C-8	2x2.5+1x2.5	10	BED ROOM2	Y	
C-9	2x2.5+1x2.5	10	LIVING	В	
C-10	2x2.5+1x2.5	10	LIVING	R	
C-11		10	SPARE	Y	
C-12		6	SPARE	В	

CKT.NO.	WIRE SIZE	SP. MCB'S RATING IN AMP	LOCATION	PHASE
c-1	2x6+1x6	16	STORE	R
c-2	2x4+1x4	16	KITCHEN	Y
c-3	2x4+1x4	16	KITCHEN	В
c-4	2x4+1x4	16	KITCHEN	R
c-5	2x4+1x4	16	VERANDAH	Y
c-6	2x4+1x4	16	DINING	В
c-7	2x6+1x6	20	BED ROOM1	R
c-8	2x6+1x6	20	BED ROOM2	Y
c-9	2x6+1x6	20	TOILET-1	В
c-10	2x6+1x6	20	TOILET-2	R
c-11		16	SPARE	Y
c-12		20	SPARE	В

CKT.NO.	WIRE SIZE	SP. MCB'S RATING IN AMP	LOCATION	PHASE
D-1	2x2.5+1x2.5	10	KITCHEN+ STORE	R
D-2	2x2.5+1x2.5	10	DINING	Y
D-3	2x2.5+1x2.5	10	BED ROOM1	В
D-4	2x2.5+1x2.5	10	BED ROOM2+ TOILET	R
D-5	2×2.5+1×2.5	10	TOILET+LIVING VERANDAH	Y
D-6	2x2.5+1x2.5	10	BED ROOM1	В
D-7	2x2.5+1x2.5	10	BED ROOM2	R
D-8	2x2.5+1x2.5	10	LIVING	Y
D-9	2x2.5+1x2.5	10	LIVING	В
D-10	2x2.5+1x2.5	6	STAIR	R
D-11		10	SPARE	Y
D-12	-		SPARE	В

CKT.NO.	WIRE SIZE IN SQ MM	SP. MCB'S RATING IN AMP	LOCATION	PHASE
d-1	2x6+1x6	16	STORE	R
d-2	2x4+1x4	16	KITCHEN	Y
d-3	2x4+1x4	16	KITCHEN	В
d-4	2x4+1x4	16	KITCHEN	R
d-5	2x4+1x4	16	VERANDAH	Y
d-6	2x4+1x4	16	DINING	В
d-7	2x6+1x6	20	BED ROOM1	R
d-8	2x6+1x6	20	BED ROOM2	Y
d-9	2x6+1x6	20	TOILET-1	В
d-10	2x6+1x6	20	TOILET-2	R
d-11		16	SPARE	Y
d-12		20	SPARE	В

PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PVT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI—834002

LEGEND: (Electrical)

 \oplus

 ∞

 \boxtimes

Ō

MAIN LT PANEL

S. No.

8.

13.

18

19.

21.

22.

23.

SYMBOL DESCRIPTION

18 WATT CFL LIGHT IN HOLDER

BULK HEAD (60 WATT CFL) 2x18 WATT CFL LIGHT

TUBE LIGHT(1x28W)

300Ø FRESH AIR FAN

1400 MM CEILING FAN

300Ø EXHAUST AIR FAN

20 AMP PLUG POINT FOR AC

5 AMP PLUG POINT (FOR TV)

SWITCH BOARD FROM SWITCH BOARD-25MM

SWITCH BOARD WITH 6A PLUG

SVD LAMP FOR BUILDING (150W) TPN LDB (4+18) 6 WAY (DOUBLE DOOR)

DISTRIBUTION BOARD FOR LIGHT TPN PDB (4+18) 6 WAY (DOUBLE DOOR) DISTRIBUTION BOARD FOR POWER

INDICATES CONTROLLING OF LIGHT/FAN

20 AMP POWER SOCKET (GEYSER)

5/15 AMP POWER POINT

T.V. ANTENNA POINT

CALL BELL PUSH

TELEPHONE POINT

CALL BELL

2Nos. 5 AMP PLUG POINT FOR COMPUTER

(ROUND SURFACE MOUNTED) TUBE LIGHT(2x28W) BOX TYPE POSITION

2400

2400

CEILING

2400/CEILIONG 2400/CEILION

> 2400 CEILING

> > 1050

1850

450

400 2100

400

1200

1800

1250

1250

300

1800

1800

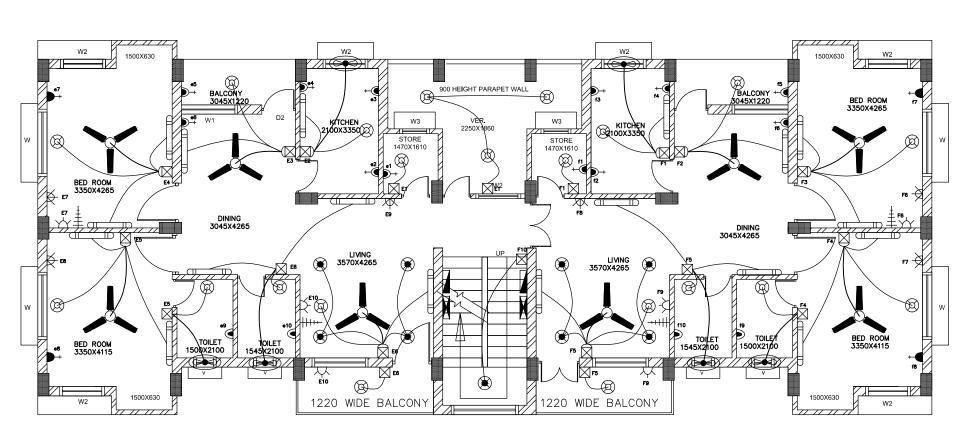
3			ĺ
2			ĺ
\triangle			l
REV.	DATE	BY	

NOTES:-1. ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED. 2. ± 0.00 LEVEL CORRESPONDS TO PLINTH LEVEL(P.L.) OF BUILDING. WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL(G.L.).

CHECKED & APPROVED S.C. PRASAD DESIGN BY S.M. HAQUE DRAWN BY PRANAB SIZE-

FIRST FLOOR ILLUMINATION LAYOUT

DRG. NO.-RDCS/BSEIDC/0033/PSQ/001 SHEET 2 OF 4 REV



SECOND FLOOR ILLUMINATION LAYOUT AREA: - 2257.6 SFT

(SCALE 1:50)

CKT.NO.	WIRE SIZE	SP. MCB'S RATING IN AMP	LOCATION	PHASE
E-1	2x2.5+1x2.5	6	VERANDAH+ STORE	R
E-2	2x2.5+1x2.5	10	KITCHEN	Y
E-3	2x2.5+1x2.5	10	DINING	В
E-4	2x2.5+1x2.5	10	BED ROOM1	R
E-5	2x2.5+1x2.5	10	BED ROOM2+ TOILET	Y
E-6	2x2.5+1x2.5	10	TOILET+LIVING VERANDAH	В
E-7	2x2.5+1x2.5	10	BED ROOM1	R
E-8	2x2.5+1x2.5	10	BED ROOM2	Y
E-9	2x2.5+1x2.5	10	LIVING	В
E-10	2x2.5+1x2.5	10	LIVING	R
E-11	2x2.5+1x2.5	6	SPARE	Y
E-12		10	SPARE	В

CKT.NO.	WIRE SIZE	SP. MCB'S RATING IN AMP	LOCATION	PHASE
e-1	2x6+1x6	16	STORE	R
e-2	2x4+1x4	16	KITCHEN	Y
e-3	2x4+1x4	16	KITCHEN	В
0-4	2x4+1x4	16	KITCHEN	R
e-5	2x4+1x4	16	VERANDAH	Y
e-6	2x4+1x4	16	DINING	В
e-7	2x6+1x6	20	BED ROOM1	R
e-8	2x6+1x6	20	BED ROOM2	Y
e-9	2x6+1x6	20	TOILET-1	В
e-10	2x6+1x6	20	TOILET-2	R
e -11		16	SPARE	Y
e-12		20	SPARE	В

CKT.NO.	WIRE SIZE IN SQ MM	SP. MCB'S RATING IN AMP	LOCATION	PHASE
F-1	2x2.5+1x2.5	10	KITCHEN+ STORE	R
F-2	2x2.5+1x2.5	10	DINING	Y
F-3	2x2.5+1x2.5	10	BED ROOM1	В
F-4	2x2.5+1x2.5	10	BED ROOM2+ TOILET	R
F-5	2x2.5+1x2.5	10	TOILET+LIVING VERANDAH	Y
F-6	2x2.5+1x2.5	10	BED ROOM1	В
F-7	2x2.5+1x2.5	10	BED ROOM2	R
F-8	2x2.5+1x2.5	10	LIVING	Y
F-9	2x2.5+1x2.5	10	LIVING	В
F-10	2x2.5+1x2.5	6	STAIR	R
F-11		10	SPARE	Y
F-12			SPARE	В

CKT.NO.	WIRE SIZE	SP. MCB'S RATING IN AMP	LOCATION	PHASE
f-1	2x6+1x6	16	STORE	R
f-2	2x4+1x4	16	KITCHEN	Y
f-3	2x4+1x4	16	KITCHEN	В
f-4	2x4+1x4	16	KITCHEN	R
f-5	2x4+1x4	16	VERANDAH	Y
f-6	2x4+1x4	16	DINING	В
f-7	2x6+1x6	20	BED ROOM1	R
f-8	2x6+1x6	20	BED ROOM2	Y
f-9	2x6+1x6	20	TOILET-1	В
f-10	2x6+1x6	20	TOILET-2	R
f-11		16	SPARE	Y
f-12		20	SPARE	В

PROJECT	PROPOSED STAFF QUARTER/ PRINCIPAL RESIDENCE FOR DIET.
DEPT.	BIHAR STATE EDUCATIONAL INFRASTRUCTURE DEVELOPMENT CORPORATION LTD. SHIKSHA BHAWAN, SAIDPUR, PATNA
ARCHT. AND CONSULTANT	RANCHI DESIGN & CONSULTANCY SERVICES PYT. LTD. SOUTH OFFICE PARA, NEAR ST.XAVIER SCHOOL DORANDA, RANCHI—834002

LEGEND:

S. No.

13.

18

19.

21.

22.

23.

SYMBOL

 ∞

 \boxtimes

Ō

MAIN LT PANEL

(Electrical)

DESCRIPTION

BULK HEAD (60 WATT CFL) 2x18 WATT CFL LIGHT

TUBE LIGHT(1x28W)

300Ø FRESH AIR FAN

1400 MM CEILING FAN

300Ø EXHAUST AIR FAN

20 AMP PLUG POINT FOR AC

5 AMP PLUG POINT (FOR TV)

SWITCH BOARD FROM SWITCH BOARD-25MM

SWITCH BOARD WITH 6A PLUG

SVD LAMP FOR BUILDING (150W) TPN LDB (4+18) 6 WAY (DOUBLE DOOR)

DISTRIBUTION BOARD FOR LIGHT TPN PDB (4+18) 6 WAY (DOUBLE DOOR) DISTRIBUTION BOARD FOR POWER

INDICATES CONTROLLING OF LIGHT/FAN

20 AMP POWER SOCKET (GEYSER)

5/15 AMP POWER POINT

T.V. ANTENNA POINT CALL BELL PUSH

TELEPHONE POINT

CALL BELL

2Nos. 5 AMP PLUG POINT FOR COMPUTER

(ROUND SURFACE MOUNTED) TUBE LIGHT(2x28W) BOX TYPE

18 WATT CFL LIGHT IN HOLDER

POSITION

2400

2400

CEILING

2400/CEILIONG 2400/CEILION

> 2400 CEILING

> > 1050

1850

450

400

2100

400

1200

1800

1250

1250

300

1800

1800

3			
2			
\triangle			
REV.	DATE	BY	

NOTES:-1. ALL DIMENSIONS AND LEVELS ARE IN mm. & FIGURED DIMENSIONS SHALL BE FOLLOWED. 2. \pm 0.00 LEVEL CORRESPONDS TO PLINTH LEVEL(P.L.) OF BUILDING. WHICH IS 1050mm ABOVE FINISHED GROUND LEVEL(G.L.).

CHECKED & APPROVED S.C. PRASAD DESIGN BY S.M. HAQUE DRAWN BY PRANAB SIZE-

SECOND FLOOR ILLUMINATION LAYOUT

DRG. NO.-RDCS/BSEIDC/0033/PSQ/005 SHEET 3 OF 4 REV R=0

