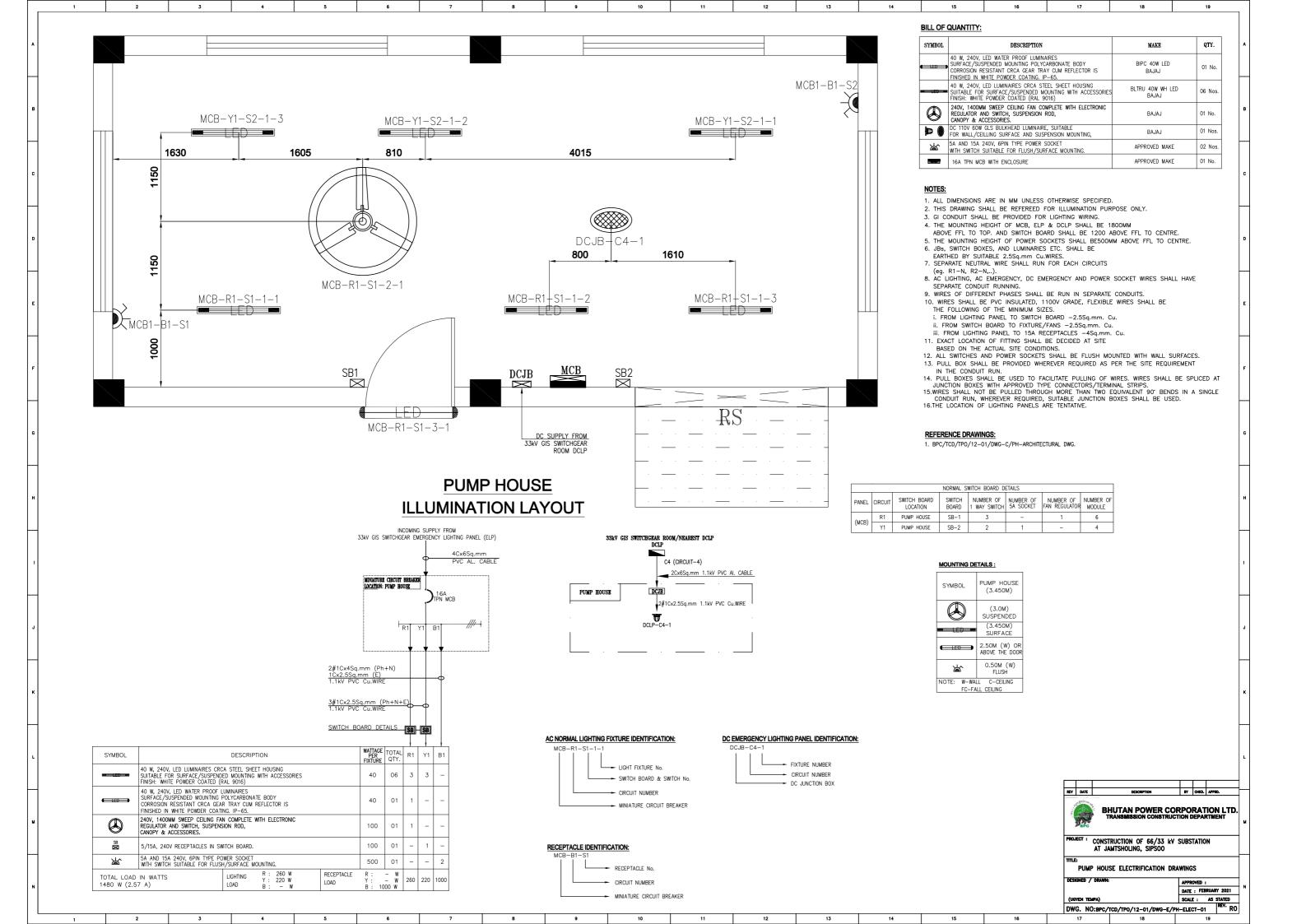
ELECTRICAL DRAWINGS

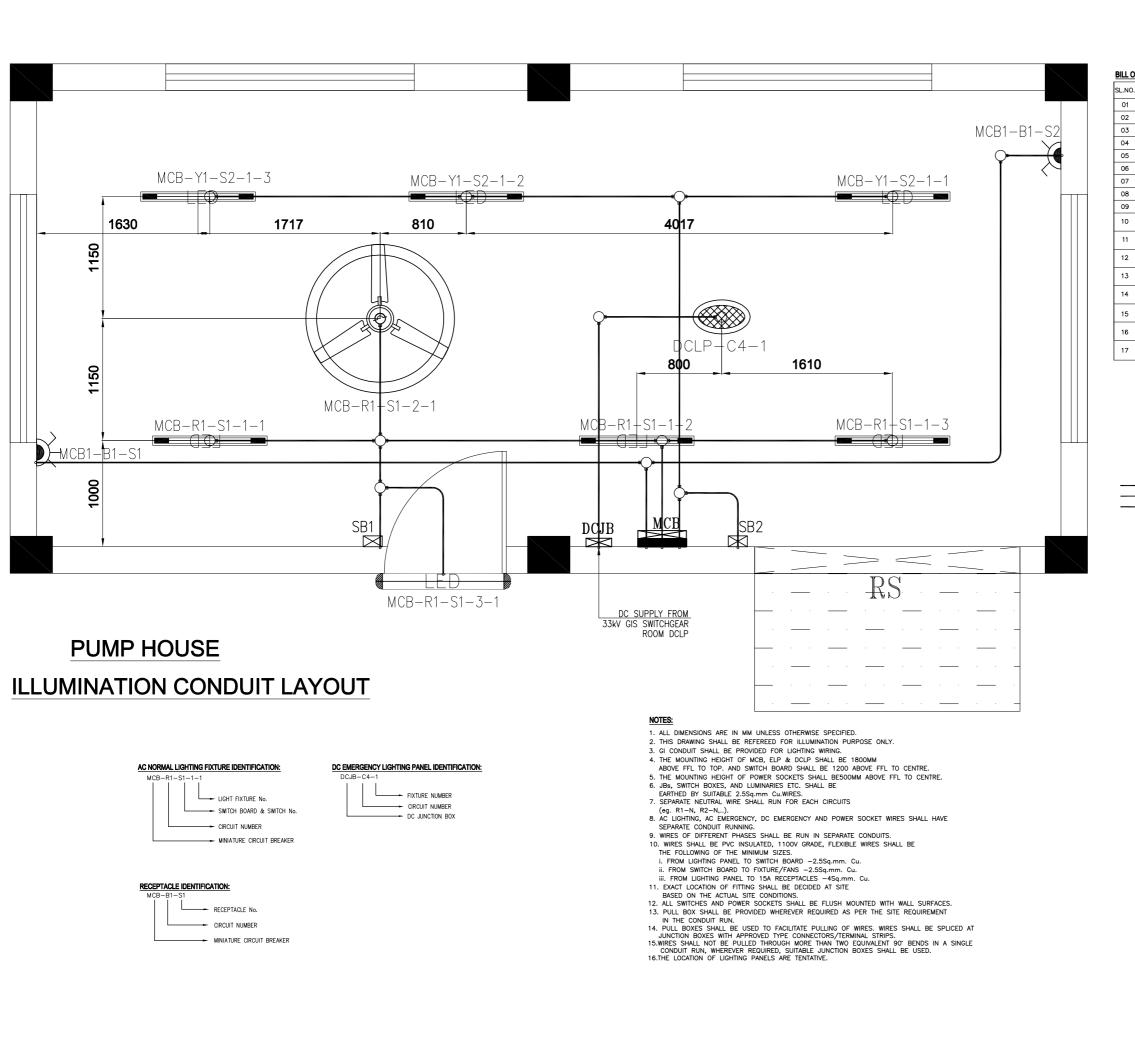
PUMP HOUSE

PROJECT LOCATION

CONSTRUCTION OF 66/33kV SUBSTATION AND ASSOCIATED WORKS

: JAMTSHOLING, TASHICHOLING (SIPSOO), SAMTSE, BHUTAN





BILL OIF QUANTITY

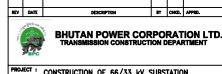
BILL OIF QUANTITY			
SL.NO.	DESCRIPTION	QTY.	UNIT
01	25MM DIA PVC CONDUIT.	65	MTRS.
02	25MM DIA PVC 90 DEGREE (ELBOW) BEND	20	NOS.
03	ONE WAY JUNCTION BOX SUITABLE FOR 25MM DIA PVC CONDUIT.	05	NOS.
04	TWO WAY JUNCTION BOX SUITABLE FOR 25MM DIA PVC CONDUIT.	05	NOS.
05	TWO WAY 90' JUNCTION BOX SUITABLE FOR 25MM DIA PVC CONDUIT.	05	NOS.
06	THREE WAY JUNCTION BOX SUITABLE FOR 25MM PVC CONDUIT.	10	NOS.
07	FOUR WAY JUNCTION BOX SUITABLE FOR 25MM DIA PVC CONDUIT.	04	NOS.
08	ONE WAY JUNCTION BOX FOR CEILING FAN (WITH HOOK)	01	NOS.
09	JUNCTION BOX BLANK COVER WITH 25/20MM HOLE KNOCKOUT PROVISION	30	NOS.
10	2.5SQ MM 1100V GRADE STRANDED PVC INSULATED COPPER WIRE FOR DC LIGHTING CONDUIT WIRING (WHITE-POSITIVE).	10	MTRS.
11	2.5SQ MM 1100V GRADE STRANDED PVC INSULATED COPPER WIRE FOR DC LIGHTING CONDUIT WIRING (GREY-NEGATIVE).	10	MTRS.
12	2.5SQ MM 1100V GRADE STANDARD PVC INSULATED COPPER WIRE FOR AC LIGHTING WIRING (R-PHASE).	35	MTRS.
13	2.5SQ MM 1100V GRADE STANDARD PVC INSULATED COPPER WIRE FOR AC LIGHTING WIRING (Y-PHASE).	25	MTRS.
14	2.5SQ MM 1100V GRADE STANDARD PVC INSULATED COPPER WIRE FOR AC LIGHTING WIRING (NEUTRAL).	45	MTRS.
15	4SQ MM 1100V GRADE STANDARD PVC INSULATED COPPER WIRE FOR AC POWER SOCKETS BLUE(B-PHASE).	35	MTRS.
16	4SQ MM 1100V GRADE STANDARD PVC INSULATED COPPER WIRE FOR AC POWER SOCKETS BLACK(NEUTRAL).	35	MTRS.
17	2.5Sq.mm PVC Cu. EARTH WRE FOR EARTHING (YELLOW GREEN)	80	MTRS.
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LEGENDS:-

- O ONE WAY PVC PULL/JUNCTION BOX
- O TWO WAY PVC PULL/JUNCTION BOX
- O TWO WAY 90' PVC PULL/JUNCTION BOX
- THREE WAY 90' PVC PULL/JUNCTION BOX
- FOUR WAY PVC PULL/JUNCTION BOX ONE WAY JUNCTION BOX FOR CEILING FAN (WITH HOOK)
- DROPPER / RAISER
- _____ 25 MM PVC CONDUIT FOR NORMAL AC LIGHTING.
- _____ 25 MM PVC CONDUIT FOR RECEPTACLES.
- 25 MM PVC CONDUIT FOR NORMAL DC LIGHTING.

REFERENCE DRAWINGS:

- 1. BPC/TCD/TP0/12-01/DWG-C/PH-ARCHITECTURAL DWG. 2. PUMP HOUSE ILLUMINATION LAYOUT.



CONSTRUCTION OF 66/33 kV SUBSTATION AT JAMTSHOLING, SIPSOO

PUMP HOUSE ELECTRIFICATION DRAWINGS APPROVED : DATE : FEBRUARY 2021

DWG. NO: BPC/TCD/TPO/12-01/DWG-E/PH-ELECT-02 REV. RO