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GROUND FLOOR PLAN
Scale 1:25

DISTRIBUTION BOARD SCHEDULE

PANEL NO. CMDB — BUS TYPE TPN+PE — MOUNTI FLUSH
SERVICE VOLTAGE :220/380 VOLT, — BUS BAR RATING :320A,50KA
3 Phase,4Wire+E 50HZ — ENCLOSURE: METALLIC — IP RATING 40

CIRCUIT NO.	DESCRIPTION	WIRE SIZE (mm2)	NO OF POLES	CIRCUIT BREAKER RATING	CIRCUIT BREAKER TYPE	LOAD PER PHASE (KW) R	S	T
1	LINE TO SDB-G	5X16	3	63	C	9.67	9.67	9.67
2	LINE TO SDB-1	5X10	3	40	C	5.60	5.60	5.60
3	LINE TO SDB-2	5X10	3	40	C	5.67	5.67	5.67
4	LINE TO SDB-3	5X10	3	40	C	5.67	5.67	5.67
5	LINE TO SDB-S	5X4	3	20	C	2.33	2.33	2.33
6	RESERVE					1.67	1.67	1.67
7	RESERVE							
8	RESERVE							
					SUB TOTAL	**30.60**	**30.60**	**30.60**

MAIN SWITCH	250 Amp ,3phase,MCCB	KW CONNECTED	**91.80**
LOCATION	TOP/BOTOM	DIVERSITY	**0.80**
FEEDER	3X95/50 sq.mm	KW DEMAND	**73.44**
POWER SOURCE	EEPCO	LINE AMPERE	**139.49**

PROJECT

GENERATOR HOUSE

CLIENT

GIZ OFFICE ETHIOPIA

Tel:+251-11-5180200 / +251-11-5180200
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Po.O.Box: 100000
E-mail: addisababa@giz.de
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CONSULTANT
ORIGINAL DESIGN BY

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CONSULTANT
REVISED/MODIFIED BY

CONTRACTOR

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THE CONTRACTOR IS TO BRING TO THE NOTICE OF THE ARCHITECT/ENGINEER ANY DISCREPANCIES CONTAINED IN THIS DRAWING PRIOR TO WORK COMMENCEMENT.

Notes:

KEY PLAN

PROJECT ORIENTATION

REV.	BY	APP.	BY	DESCRIPTION	Sign.	Date
				SUBMITTED FOR CLIENT REVIEW		SEP,2020

REVISIONS

LOCATION

CITY:	SUB CITY:	HOUSE NO:	WOREDA/KEBELE:
ADDIS ABABA	KIRKOS	000	00
PARCEL NO.:	BLOCK NO.:	AREA:	TITLE DEED NO:
000	000	0000M²	000

SHEET INFORMATION

PROJECT STAGE:- FINAL

DISCIPLINE			ELECTRICAL
DESIGNED BY	TESIBOGEN OLAM	PRDE / 1312	
DRAWN BY	TESIBOGEN OLAM	PRDE / 1312	
CHECKED BY	ROBEL ATALT	PAR / 1888	
APPROVED BY	SOLOMON BIRHANU	PRAR / 185	
DATE	JAN-2019		
SCALE	1:100		

SHEET TITLE

POWER RISER ,LIGHTING AND SOCKET PLAN

01/14 SHEET NO.

PROJECT NUMBER	CONSTRUCTION PACKAGE	PROJECT DISCIPLINE	PROJECT PHASE	ASPAIRMENT NUMBER	DRAWING TYPE	FLOOR LEVEL	SHEET NUMBER
APR-005	PR	BLDG	P1	BDD	AR	_	PL-01

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