

UHG-LPP
230V, 3Ph, 3 WIRE + 1G, 60 Hz
MAIN KAIC:
LOCATION:

22 KAIC
EE RM.

FEED FROM: EE RM.
MOUNTING: SURFACE MOUNTED
ENCLOSURE: NEMA 1

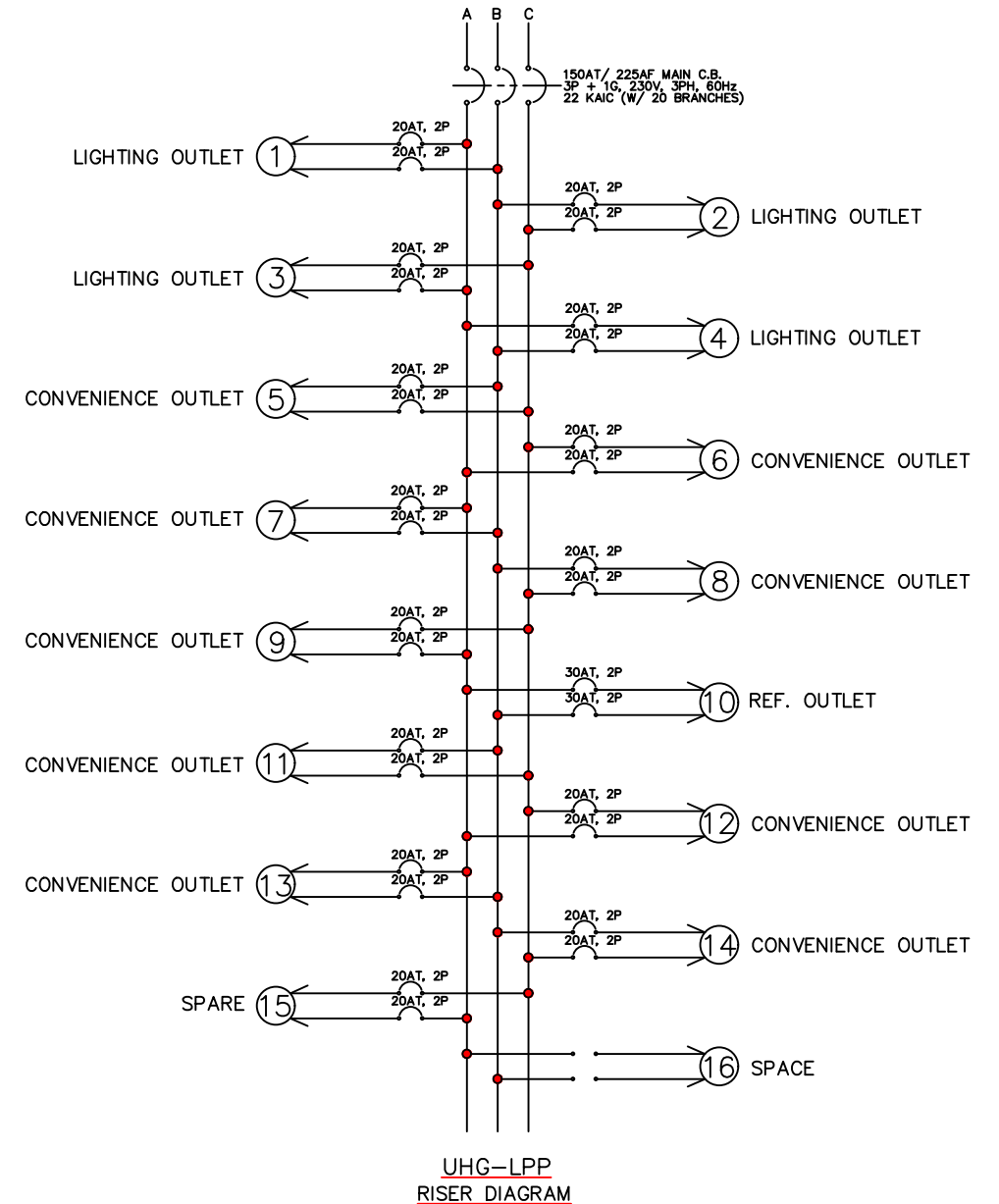
CKT. NO.	CONNECTED LOAD (DESCRIPTION)	NO. OF			RATING		AMP	VOLTS	PHASE LOADING			CIRCUIT PROTECTION				SIZE OF		
		L.O.	C.O.	SWITCH	VA	WATTS			AB	BC	CA	AT	AF	POLE	KAIC	WIRE	CONDUIT	
1	LIGHTING & EXHAUST FAN	28		3-1G 2-2G	2800		12.17	230	12.17			20	225	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit	
2	LIGHTING	36		2-1G	3600		15.65	230		15.65		20	225	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit	
3	LIGHTING	34		1-1G 2-2G	3400		14.78	230			14.78	20	225	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit	
4	LIGHTING	29		1-2G	2900		12.61	230	12.61			20	225	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit	
5	DUPLEX OUTLET		16		3200		13.91	230		13.91		20	225	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit	
6	DUPLEX OUTLET		14		2800		12.17	230			12.17	20	225	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit	
7	DUPLEX OUTLET		11		2200		9.57	230	9.57			20	225	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit	
8	DUPLEX OUTLET		16		3200		13.91	230		13.91		20	225	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit	
9	DUPLEX OUTLET		13		2600		11.30	230			11.3	20	225	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit	
10	REFRIGERATOR OUTLET		1		1840		8.00	230	8			30	225	2	10	2-5.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit	
11	DUPLEX OUTLET		12		2400		10.43	230		10.43		20	225	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit	
12	DUPLEX OUTLET		15		3000		13.04	230			13.04	20	225	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit	
13	DUPLEX OUTLET		11		2200		9.57	230	9.57			20	225	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit	
14	DUPLEX OUTLET		2		400		1.74	230		1.74		20	225	2	10	2-3.5 mm sq/ THHN cu cond. 1-3.5 mm sq/ THHN cu cond. (Gnd)	20 mm dia. EMT conduit	
15	SPARE											20	225	2	10			
16	SPACE																	
36540									51.92	55.64	51.29							

$$I_{3\text{phase}} = 1.732 [(55.64)(1.25)]$$

$$= 120.46 \text{ AMP}$$

**USE: 3 - 60 mm sq. THHN (3 wire); FEEDER
1 - 22 mm sq. THHN (1 Gnd)
in 50 mm dia. EMT CONDUIT**

USE: 150AT / 225AF MAIN C.B.
3P, 230V, 3 PHASE, 60Hz
22 KAIC (WITH 16 BRANCHES)

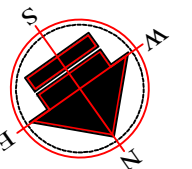




UHG FINANCE

UHG-LPP LOAD SCHEDULE & SLD

SCALE

NTS.



 UNILAB, Inc. NO. 66 UNITED ST., MANDALUYONG CITY		PREPARED BY : PSG - BUILD PSG OFFICE, BLDG 1 UNILAB CORPORATE CENTER, NO. 66 UNITED STREET, MANDALUYONG CITY, PHILIPPINES TEL. NO. 8858-1000	PROJECT TITLE & LOCATION: 2ND. FLOOR ADMIN. BLDG. 2ND. FLOOR ADMIN. BLDG., ULCC MAIN COMPOUND	MAINTENANCE SECTION: ELECTRICAL : SANITARY/PLUMBING : MECHANICAL :	DRAWN BY : VIC C. S. ANTONIO DATE: 3/8/2024 CHECKED BY: AML / JJP / LLO DATE:	CONFORME: END-USER	PLATE NO.: REV. 02: DATE: 3/8/2024 UPDATE OF LAYOUT BASED ON REVISED FLR. PLAN. OPTION 1 3/14/2024	SHEET NO: <div style="border: 1px solid black; border-radius: 50%; width: 60px; height: 60px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">E</div> </div> </div>
---	---	---	---	--	--	------------------------------	---	---