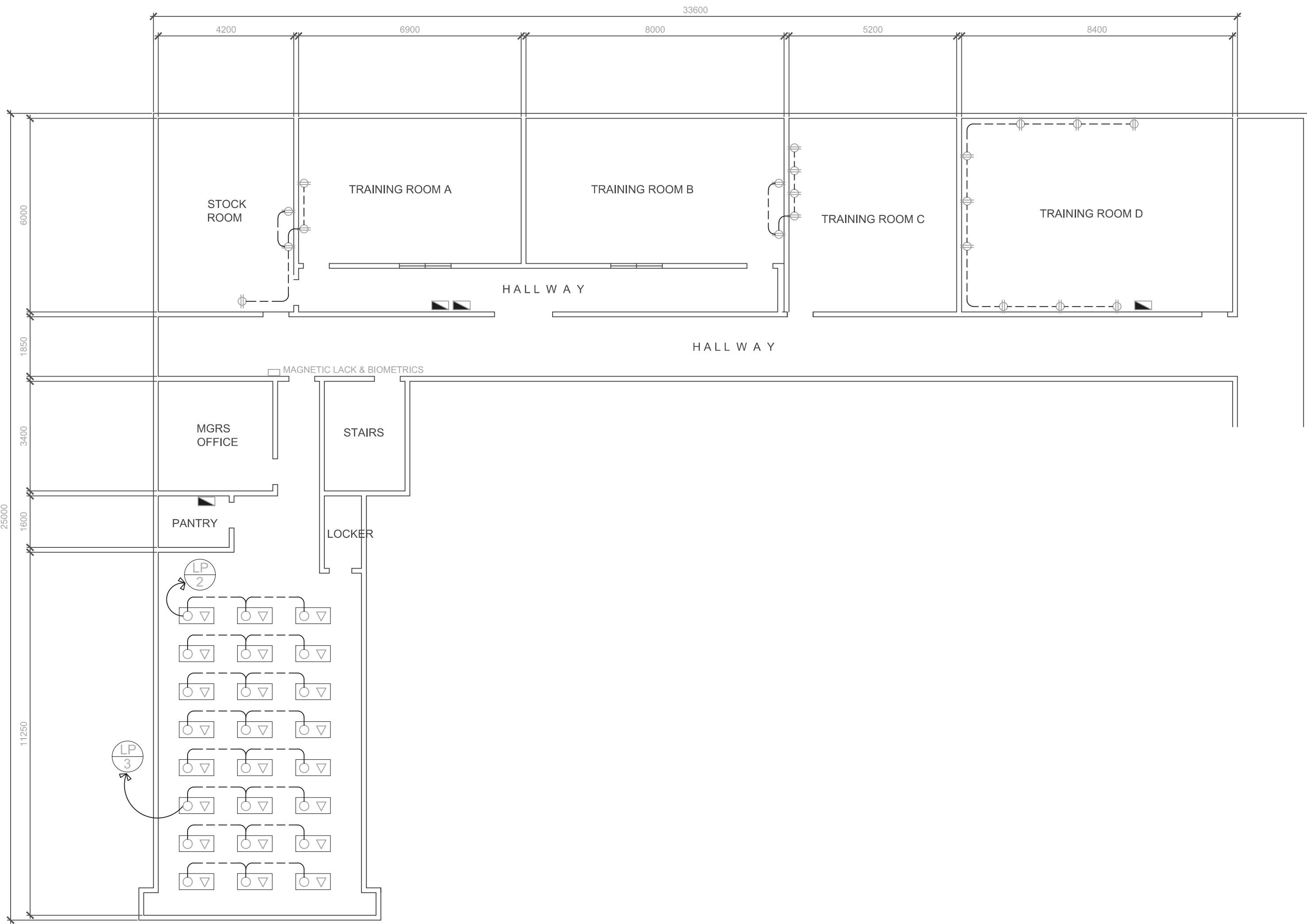


LIGHTING SYSTEM LAYOUT SCALE 1 : 100 MTS.



POWER SYSTEM LAYOUT SCALE 1 : 100 MTS.

GENERAL NOTES

1. ALL ELECTRICAL WORKS SHALL CONFORM TO THE LATEST EDITION OF PHILIPPINE ELECTRICAL CODE TO THE RULES AND REGULATIONS OF THE LOCAL AND NATIONAL AUTHORITIES CONCERNED AND REQUIREMENT OF LOCAL UTILITY COMPANIES.

2. ALL CONDUIT PIPE SHALL BE INTERMEDIATE: METALLIC CONDUIT (IMC) UNLESS INDICATED ON PLANS OR DIAGRAMS.

3. MINIMUM SIZE OF WIRE AND CONDUIT SHALL BE 3.5mm2 THHN (#12 AWG) AND 15mm (1/2") NOMINAL DIAMETER RESPECTIVELY.

4. LIGHT CONTROL SWITCHES SHALL BE RATED 15 AMPERES 240 VAC ONLY.

5. ENTRANCE SERVICE SHALL BE 400 / 230 VOLTS SINGLE PHASE 3 WIRES.

6. SINGLE PHASE LOAD SHALL BE PROPERLY BALANCE ON A THREE PHASE SYSTEM.

7. ALL MATERIAL AND EQUIPMENT TO BE USED SHALL BE BRAND NEW AND OF APPROVED TYPE AS TO LOCATION AND PURPOSE.

8. ALL METAL FRAMES SHALL BE PROPERLY AND ADEQUATELY GROUNDED.

9. GROUND WIRES SHALL BE PROVIDED ON ALL EQUIPMENT FEEDER.

10. STANDARD MOUNTING HEIGHT FOR/ARE

LIGHT SWITCHES

CONVENIENCE OUTLET

TELEPHONE OUTLET

PANEL BOARD

1.27 METER ABOVE FLOOR FINISH

0.30 METER ABOVE FLOOR FINISH

0.30 METER ABOVE FLOOR FINISH

1.80 METER ABOVE FLOOR FINI
11. WIRING COLOR CODING

GROUND (GREEN) OR LINE 2 (YELLOW) OR LINE 3 (BLUE)

LEGEND

- N

N

E

S2ab

S3abc
- 1 X 36 W BOX TYPE FLUORESCENT LAMP LIGHT (NEW)

2 X 36 W TROFFER LIGHT

PINLIGHT (EXISTING)

TWO - GANG 2 SWITCH

THREE - GANG SWITCH

DUPLEX CONVENIENCE OUTLET WITH GRD (PANASONIC BRAND)

PANEL BOARD (EXISTING)

CONTRACTOR	CHECKED BY.	SUBMITTED BY.	PROJECT	OWNER	SUBMITTED BY.	DESIGN BY.	SHEET NO.
<div><div></div><div>VOLTECH ELECTRICAL CONSTRUCTION</div><div>CONTRACTORS ENGINEERS DESIGNERS CONSULTANTS</div><div>Office : no. 60 AT Reyes St., Pag-asà, Mandaluyong City</div><div>Provincial Office : no. 729 Malapit, San Isidro, Nueva Ecija</div><div>Contact Nos. 0917-418-8456 / 0923-966-2079</div></div>		PROFESSIONAL ELECTRICAL ENGINEER	ELECTRICAL IMPROVEMENT	MACRO ASIA NAIA TERMINAL 2	AS SHOWN	CADD BY. jst	E-1
						DATE NOV. 2021	
		PRC. NO. TIN. NO.	PTR. NO. ISSUED ON	LOCATION NAIA TERMINAL 2, PASAY CITY		APPROVED BY.	
				ADDRESS			