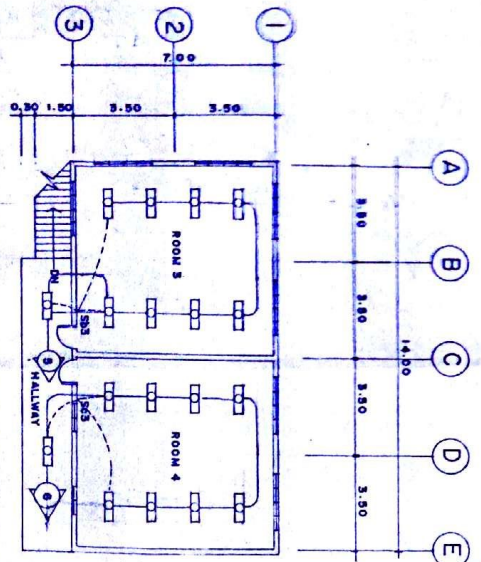
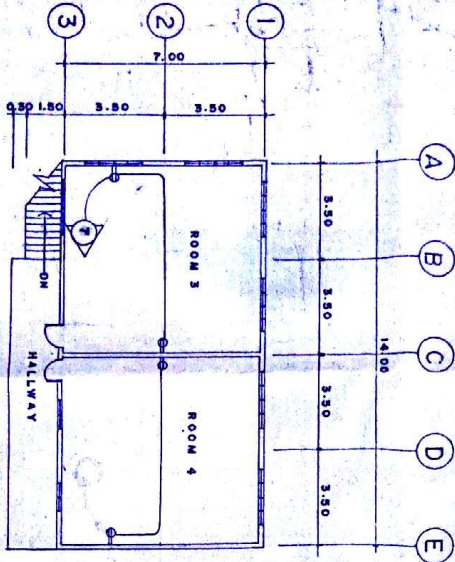


LOAD TABULATION



SECOND FLOOR LIGHTING OUTLET PLAN
SCALE 1:100



SECOND FLOOR POWER LAYOUT PLAN
SCALE 1"=10'-0"

QTY. NO.	DESCRIPTION	VA LOAD	VOLT	RATING	CIRCUIT BREAKER		REMARKS/WIRE & CONDUIT SIZE
					POLE	AT AF	
5	LIGHTING OUTLET-9X100 W	900	220	4.09	2	15	100 2.0 mm ² THHN IN 15 mm Ø PVC
6	LIGHTING OUTLET-9X100 W	900	220	4.09	2	15	100 2.0 mm ² THHN IN 15 mm Ø PVC
7	CONVENIENCE OUTLET 4 X 200 W	800	220	3.63	2	20	100 3.5 mm ² THHN IN 15 mm Ø PVC
8	S P A R E	1000	220	4.34	2	20	100 3.5 mm THHN IN 15 mm Ø PVC
T O T A L		3650					
				13.65	FEEDER: USE 2 NO. 8 THW IN 25 mm Ø RSC PROTECTION: 60A, 2P, 220V		

GENERAL NOTES

1. ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE STANDARDS AND THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (P.E.C.).
2. THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY THE REQUIREMENTS OF THE LOCAL POWER COMPANY AND THE ELECTRICAL WORKS SHALL BE UPHOLDING THE IMMEDIATE SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER.
3. THE ELECTRICAL SERVICE POWER IS 1-PHASE, 2 WIRES, 230 V AC 60 HZ.
4. WIRING METHOD SHALL BE AS FOLLOWS:
 - a) FEEDER & RISER - INTERMEDIATE METALLIC CONDUIT
 - b) LIGHTING, POWER RECEPTACLE - POLYVINYL CHLORIDE CONDUIT
5. ALL OUTLET BOXES SHALL BE GALVANIZED GAL. NO. 15 DEEP TYPE OR FACTOR KNOCKOUTS.
6. ALL MATERIALS TO BE USED SHALL BE BRAND NEW & APPROVED TYPE FOR THE PARTICULAR LOCATION PROPOSED USAGE.
7. GROUNDING SYSTEM SHALL BE PROVIDED TO ALL LIGHTING & POWER CIRCUIT AS PER PHILIPPINE ELECTRICAL CODE REQUIREMENT.
8. MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS:
 - a) LIGHTING SWITCH 1200 mm ABOVE FINISH FLOOR
 - b) CONVENIENCE OUTLET 300 mm ABOVE FINISH FLOOR
 - c) PANEL BOARD 1500 mm ABOVE FINISH FLOOR

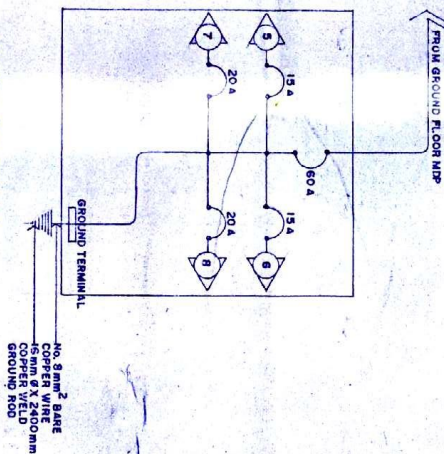
PAINTING:

- METALS/STEEL SHALL BE CLEAN, DRY AND FREE FROM MILL SCALE AND RUST.
- ALL SURFACES SHALL IN PROPER CONDITION TO RECEIVE THE FINISH. CRACK DEFECTS SHALL BE CAREFULLY PUTTED, APPLY NEUTRALIZER TO PLASTERED SURFACES.

CONCRETING:

- USE CLASS "A" MIXTURE
- MATERIAL TESTING SHALL BE AT THE EXPENSE OF THE CONTRACTOR USING DPMH SPECS.

RISER DIAGRAM



LEGEND

- | | |
|---|--|
|  | FLUORESCENT LIGHT OUTLET WITH ELECTRONIC BALLAST |
|  | PANEL BOARD |
|  | SERVICE METER |
|  | CIRCUIT BREAKER |
|  | OUT. EX. CONY. OUTLET, GROUNDING TYPE
10/40MS, 250 V WITH MODER PLATE COVER |
|  | RACEWAY CONDUIT CONCEALED IN CEILING |
|  | THREE GANG SWITCH |

Abbildung: Affine

- Translation
 - $af(x) = x + a$
 - 1st ord. - Affine Abbildung
 - 2te ord. - Affine Abb.
 - $\Rightarrow$ kein Nullvektor, $a \neq 0$
- 1st ord. - Aff. Tr. - nur 1. Ord.
 - $af(x) = x + a$ - Aff. Tr. $\Rightarrow$ 1. ord. Abb. wenn $a \neq 0$
 - $\Rightarrow$ kein Nullvektor
- 2te ord. - Aff. Tr. - 2. Ord.
 - $af(x) = x^2 + a$ - Aff. Tr. $\Rightarrow$ 2. ord. Abb. wenn $a \neq 0$
 - $\Rightarrow$ kein Nullvektor