

GENERAL NOTES

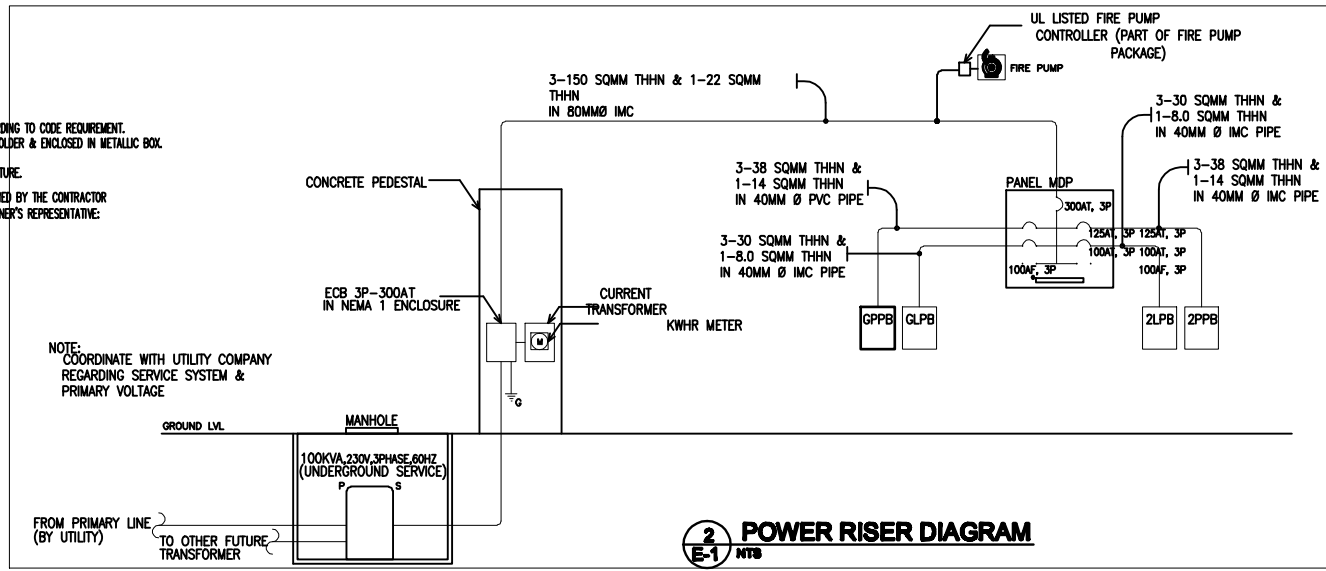
- ALL ELECTRICAL WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS, THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER AND TELEPHONE COMPANIES. THE ELECTRICAL WORKS SHALL BE UNDER IMMEDIATE SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.
- POWER SERVICE TO THE BUILDING SHALL BE 230 VOLTS, 3-PHASE 60HZ, AC POWER SOURCE, 3-WIRE + 1-GROUND.
- ALL ELECTRICAL WIRING INSTALLATION SUCH AS LIGHTING, POWER, FIRE ALARM & CCTV SYSTEM TO BE USED SHALL BE POLYVINYL CHLORIDE (PVC) PIPE. * SCHEDULE 40 *
- UNLESS OTHERWISE SPECIFIED, THE MINIMUM SIZE OF WIRE SHALL BE 3.5mm TW/THHN & CONDUIT SHALL BE 20mm ELEC'L TRADE SIZE.
- ALL WIRE SHALL BE COPPER & THERMOPLASTIC INSULATED TYPE "THHN/THHN" UNLESS OTHERWISE INDICATED IN THE PLANS. AND SHALL BE MANUFACTURED BY PHELPS DODGE OR APPROVE EQUAL.
- ALL OUTLET BOXES SHALL BE GALVANIZED GAUGE NO. 16, DEEP TYPE WITH FACTORY KNOCKOUTS. COVER ALL JUNCTION BOXES (NO EXPOSED WIRE).
- PANELBOARDS SHALL BE OF DEAD-FRONT TYPE CONSTRUCTION W/ ADEQUATE WIRE SPACE, SURFACE MOUNTED, FINISHED IN INDUSTRIAL GREY ENAMEL OVER A COAT OF RUST INHIBITOR. MINIMUM THICKNESS SHALL BE 1.4mm (GA 16). CIRCUIT BREAKERS SHALL BE QUICK-MAKE, QUICK-BREAK, TRIP-FREE ON OVERLOAD AND SHORT-CIRCUIT CONDITION, BOLT-ON TYPE. ALL CIRCUIT BREAKERS & PANELBOARD SHALL BE "C-E OR SQUARE-D".
- ALL WIRING DEVICES SHALL BE "NATIONAL" OR APPROVED EQUAL.
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW & MUST BE OF APPROVED TYPE FOR THE PARTICULAR LOCATION & PURPOSE INTENDED.
- PROVIDE GROUNDING SYSTEM TO ALL LIGHTING AND POWER CIRCUIT AS PER PHILIPPINE ELECTRICAL CODE REQUIREMENT.
- MOUNTING HEIGHTS ARE : (SUBJECT TO ARCHITECT'S APPROVAL)
 - A. LIGHT SWITCHES ---- 1.20M ABOVE FLOOR FINISH
 - B. CONVENIENCE OUTLETS ---- 0.30M ABOVE FLOOR FINISH
 - C. TELEPHONE OUTLETS ---- 0.30M ABOVE FLOOR FINISH
 - D. PANELBOARD ---- 1.40M ABOVE FLOOR FINISH
 - E. EMERGENCY LIGHT ---- 0.30M BELOW CEILING LINE
 - F. DATA OUTLET ---- 0.30M BELOW CEILING LINE
- PULLBOXES SHALL BE USED WHEN APPLICABLE FOR EASY PULLING OF WIRES AND SHALL BE ACCORDING TO CODE REQUIREMENT. ALL FLUORESCENT BALLAST SHALL BE HIGH POWER FACTOR, RAPID START, SPRINGLOADED LAMP HOLDER & ENCLOSED IN METALLIC BOX.
- PROVIDE FLEXIBLE METAL CONDUIT & SUFFICIENT MICA TUBE FROM JUNCTION BOXES TO LIGHTING FIXTURE.
- UPON COMPLETION OF ELECTRICAL CONSTRUCTION WORK, THE FOLLOWING TESTS SHALL BE PERFORMED BY THE CONTRACTOR INCLUSIVE OF THE INSTALLATION TO BE REPORTED IN DETAILS AND IN FORMS APPROVED BY THE OWNER'S REPRESENTATIVE:
 - A. INSULATION RESISTANCE TEST
 - B. GROUND RESISTANCE TEST
 - C. OPERATIONAL TEST



1 VICINITY MAP
E-1 NTS

LEGENDS & SYMBOLS

	240W FLUORESCENT TROFFER TYPE		CONVENIENCE OUTLET
	18W CFL PIN LIGHT		COUNTER TOP OUTLET
	1X40W FLUORESCENT BOX TYPE		AIRCONDITION UNIT
	EXHAUST FAN		DATA OUTLET
	ONE GANG SWITCH		MANHOLE
	TWO GANG SWITCH		CONDUIT EMBEDDED ON SLAB
	THREE GANG SWITCH		CIRCUIT HOMERUN
	THREE WAY SWITCH		PANEL BOARD
	TWO GANG THREE WAY SWITCH		POWER SERVICE ENTRANCE
	EMERGENCY LIGHT OUTLET		SPEAKER



2 POWER RISER DIAGRAM
E-1 NTS

OWNER:	PROJECT TITLE:	PREPARED BY:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.
<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF SCIENCE AND TECHNOLOGY PHILIPPINE SCIENCE HIGH SCHOOL MARIKINA REGION CAMPUS BRGY. RIZAL, ODONGSAN, ROMBLON</p>	<p>CONSTRUCTION OF ACADEMIC BUILDING 1</p> <p>LOCATION: BRGY. RIZAL, ODONGSAN, ROMBLON</p>	<p>JULITO G. TAN RESIDENT ARCHITECT</p>	<p>EDWARD C. ALBARACIN CAMPUS DIRECTOR</p>	<p>AS SHOWN</p>	E
					1