

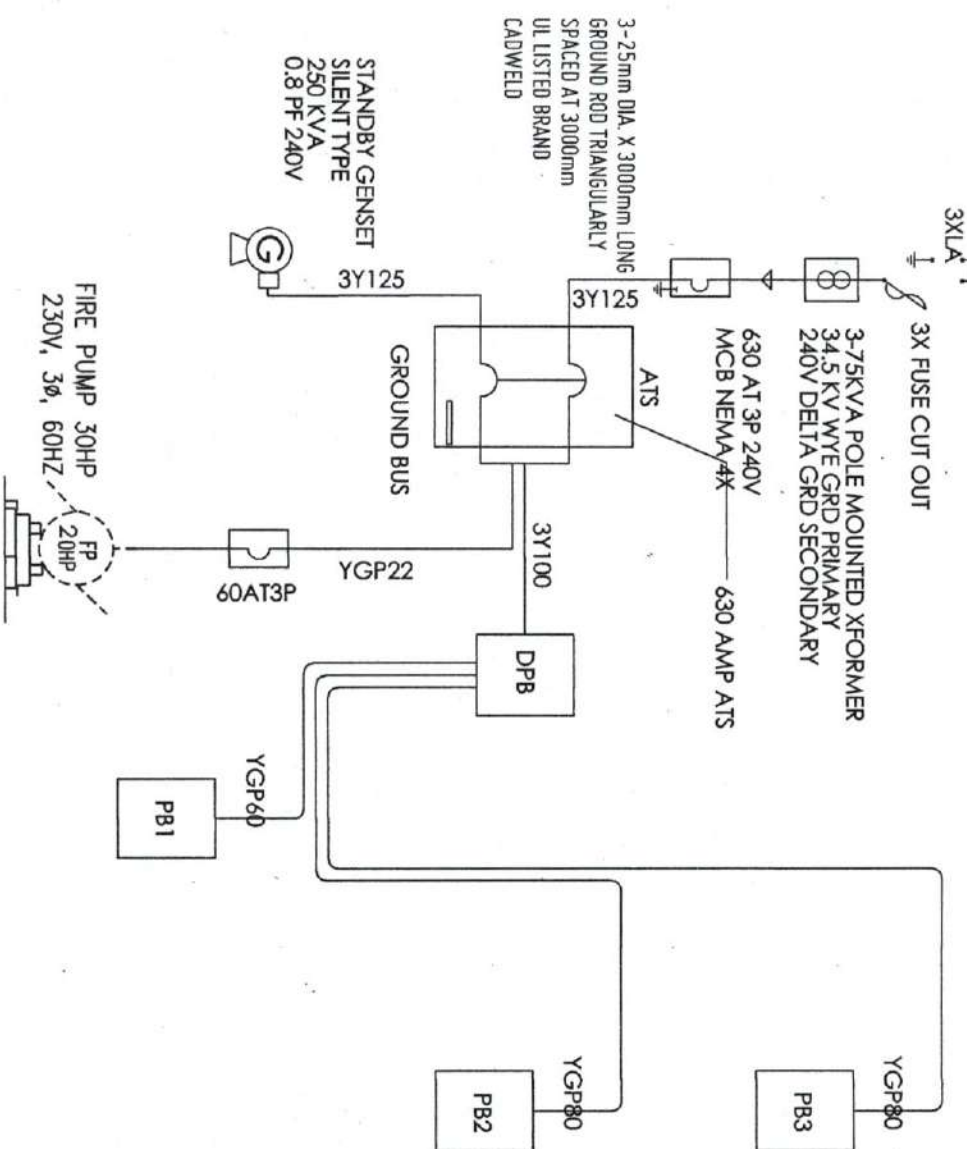
THIRD FLOOR POWER LAYOUT
SCALE: 1:1000 MTS

SECOND FLOOR POWER LAYOUT
SCALE: 1:1000 MTS

- LEGEND**
- 1. 150V AC 15A 1P 1C
 - 2. 150V AC 15A 1P 2C
 - 3. 150V AC 15A 1P 3C
 - 4. 150V AC 15A 1P 4C
 - 5. 150V AC 15A 1P 5C
 - 6. 150V AC 15A 1P 6C
 - 7. 150V AC 15A 1P 7C
 - 8. 150V AC 15A 1P 8C
 - 9. 150V AC 15A 1P 9C
 - 10. 150V AC 15A 1P 10C
 - 11. 150V AC 15A 1P 11C
 - 12. 150V AC 15A 1P 12C
 - 13. 150V AC 15A 1P 13C
 - 14. 150V AC 15A 1P 14C
 - 15. 150V AC 15A 1P 15C
 - 16. 150V AC 15A 1P 16C
 - 17. 150V AC 15A 1P 17C
 - 18. 150V AC 15A 1P 18C
 - 19. 150V AC 15A 1P 19C
 - 20. 150V AC 15A 1P 20C
 - 21. 150V AC 15A 1P 21C
 - 22. 150V AC 15A 1P 22C
 - 23. 150V AC 15A 1P 23C
 - 24. 150V AC 15A 1P 24C
 - 25. 150V AC 15A 1P 25C
 - 26. 150V AC 15A 1P 26C
 - 27. 150V AC 15A 1P 27C
 - 28. 150V AC 15A 1P 28C
 - 29. 150V AC 15A 1P 29C
 - 30. 150V AC 15A 1P 30C
 - 31. 150V AC 15A 1P 31C
 - 32. 150V AC 15A 1P 32C
 - 33. 150V AC 15A 1P 33C
 - 34. 150V AC 15A 1P 34C
 - 35. 150V AC 15A 1P 35C
 - 36. 150V AC 15A 1P 36C
 - 37. 150V AC 15A 1P 37C
 - 38. 150V AC 15A 1P 38C
 - 39. 150V AC 15A 1P 39C
 - 40. 150V AC 15A 1P 40C
 - 41. 150V AC 15A 1P 41C
 - 42. 150V AC 15A 1P 42C
 - 43. 150V AC 15A 1P 43C
 - 44. 150V AC 15A 1P 44C
 - 45. 150V AC 15A 1P 45C
 - 46. 150V AC 15A 1P 46C
 - 47. 150V AC 15A 1P 47C
 - 48. 150V AC 15A 1P 48C
 - 49. 150V AC 15A 1P 49C
 - 50. 150V AC 15A 1P 50C
 - 51. 150V AC 15A 1P 51C
 - 52. 150V AC 15A 1P 52C
 - 53. 150V AC 15A 1P 53C
 - 54. 150V AC 15A 1P 54C
 - 55. 150V AC 15A 1P 55C
 - 56. 150V AC 15A 1P 56C
 - 57. 150V AC 15A 1P 57C
 - 58. 150V AC 15A 1P 58C
 - 59. 150V AC 15A 1P 59C
 - 60. 150V AC 15A 1P 60C
 - 61. 150V AC 15A 1P 61C
 - 62. 150V AC 15A 1P 62C
 - 63. 150V AC 15A 1P 63C
 - 64. 150V AC 15A 1P 64C
 - 65. 150V AC 15A 1P 65C
 - 66. 150V AC 15A 1P 66C
 - 67. 150V AC 15A 1P 67C
 - 68. 150V AC 15A 1P 68C
 - 69. 150V AC 15A 1P 69C
 - 70. 150V AC 15A 1P 70C
 - 71. 150V AC 15A 1P 71C
 - 72. 150V AC 15A 1P 72C
 - 73. 150V AC 15A 1P 73C
 - 74. 150V AC 15A 1P 74C
 - 75. 150V AC 15A 1P 75C
 - 76. 150V AC 15A 1P 76C
 - 77. 150V AC 15A 1P 77C
 - 78. 150V AC 15A 1P 78C
 - 79. 150V AC 15A 1P 79C
 - 80. 150V AC 15A 1P 80C
 - 81. 150V AC 15A 1P 81C
 - 82. 150V AC 15A 1P 82C
 - 83. 150V AC 15A 1P 83C
 - 84. 150V AC 15A 1P 84C
 - 85. 150V AC 15A 1P 85C
 - 86. 150V AC 15A 1P 86C
 - 87. 150V AC 15A 1P 87C
 - 88. 150V AC 15A 1P 88C
 - 89. 150V AC 15A 1P 89C
 - 90. 150V AC 15A 1P 90C
 - 91. 150V AC 15A 1P 91C
 - 92. 150V AC 15A 1P 92C
 - 93. 150V AC 15A 1P 93C
 - 94. 150V AC 15A 1P 94C
 - 95. 150V AC 15A 1P 95C
 - 96. 150V AC 15A 1P 96C
 - 97. 150V AC 15A 1P 97C
 - 98. 150V AC 15A 1P 98C
 - 99. 150V AC 15A 1P 99C
 - 100. 150V AC 15A 1P 100C

| | | | |
|---|--|---|--|
| <p>INSTITUTE OF THE ENGINEERS OF THE PHILIPPINES PROJECT: COMPLETION OF SPORTS COMPLEX AND RESIDENCES PHASE 1A CLIENT: N. METRO ARMOED, LIPALAN, CALABANES DE CORDOBA ROAD UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES</p> | | <p>PROFESSIONAL ELECTRICAL ENGINEER REG. NO. 10101 FIRM: USTIP DATE: 10/10/2018</p> | |
| <p>RECOMMENDING APPROVAL ATTESTING ENGINEER DR. AMOROSO A. CULTURA II REGISTERED PROFESSIONAL ELECTRICAL ENGINEER NO. 10101</p> | | <p>APPROVED BY: DR. AMOROSO A. CULTURA II REGISTERED PROFESSIONAL ELECTRICAL ENGINEER NO. 10101</p> | |
| <p>RECOMMENDING APPROVAL ATTY. ZERILIO B. BICOT ATTORNEY AT LAW NO. 10101</p> | | <p>SHEET CONTAINS: DATE: 10/10/2018 PAGE: 1</p> | |
| <p>PROJECT: COMPLETION OF SPORTS COMPLEX AND RESIDENCES PHASE 1A CLIENT: N. METRO ARMOED, LIPALAN, CALABANES DE CORDOBA ROAD UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES</p> | | <p>SCALE: 1:1000 MTS</p> | |





| NO. | DESCRIPTION | 1st QUARTER | | 2nd QUARTER | | 3rd QUARTER | | 4th QUARTER | |
|-----|-------------|-------------|-----|-------------|-----|-------------|-----|-------------|-----|
| | | ACT | PLN | ACT | PLN | ACT | PLN | ACT | PLN |
| 1 | ... | | | | | | | | |
| 2 | ... | | | | | | | | |
| 3 | ... | | | | | | | | |
| 4 | ... | | | | | | | | |
| 5 | ... | | | | | | | | |
| 6 | ... | | | | | | | | |
| 7 | ... | | | | | | | | |
| 8 | ... | | | | | | | | |
| 9 | ... | | | | | | | | |
| 10 | ... | | | | | | | | |
| 11 | ... | | | | | | | | |
| 12 | ... | | | | | | | | |
| 13 | ... | | | | | | | | |
| 14 | ... | | | | | | | | |
| 15 | ... | | | | | | | | |

GENERAL NOTES:

1. ALL WORKS SHALL COMPLY WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, THE RULES & REGULATIONS OF THE NATIONAL AND LOCAL AUTHORITIES CONCERNED IN THE COMPLETION OF ELECTRICAL WORKS AND OBSERVANCE OF THE REGULATIONS OF THE ORIGINATING COMPANY CONCERNED.
2. POWER SERVICE TO THE BUILDING SHALL BE 230 VOLTS, 3 PHASE 3 WIRE & GROUND.
3. SMALLEST CONDUCTOR FOR POWER AND LIGHTING SHALL BE 3 SIZE 2 THIN AND SMALLEST RACEWAY SHALL BE 15mm DIA. RACEWAY SIZE CONDUCTOR SHALL BE TYPE THIN EXCEPT AS OTHERWISE REQUIRED BY THE DRAWINGS AND INDICATED FOR 600 VOLTS.
4. GROUNDING WIRE SHALL BE PROVIDED TO ALL EQUIPMENTS, OUTLETS AND LIGHTING CIRCUITS AND ALL NON-CURRENT CARRYING METAL PARTS.
5. MATERIALS AND EQUIPMENT TO BE USED SHALL BE NEW AND OF APPROVED TYPE, FOR 90% LOCATION AND PURPOSE INTENDED. SHORT SAMPLES OF MATERIALS TO THE ARCHITECT/ DESIGN ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
6. NO BRANCH CTS SHALL HAVE A LOAD OF MORE THAN 80% OF ITS RATING.
7. CIRCUIT BREAKERS SHALL BE BUILT ON THE USE ONLY ONE BRAND ALL THROUGHOUT.
8. MOUNTING HEIGHT SHALL BE AS FOLLOWS:
 - a. LIGHT CONTROL SWITCH - 1.52 ABOVE FINISHED FLOOR
 - b. CONVENIENCE OUTLET - 0.30 ABOVE FINISHED FLOOR
 - c. SPECIAL PURPOSE OUTLET - 0.30 ABOVE FINISHED FLOOR OR AS REQUIRED BY THE ARCHITECT
 - d. PANEL BOARD'S FINE ALARM-PANE 1.80 FROM TOP OF PANEL TO FINISHED FLOOR
9. ALL WORKS SHALL BE COORDINATED WITH THE ARCHITECT AND OTHER TRADE INDUSTRY PRIOR TO INSTALLATION.
10. CONTRACTOR SHALL SUBMIT AS-BUILT DRAWINGS SIGNED AND SEALED BY PROFESSIONAL ELECTRICAL ENGINEER.
11. CONTRACTOR TO PERFORM ALL TEST NECESSARY BUT NOT LIMITED TO THE FOLLOWING:
 - a. CABLE INSULATION INTERMITTENT TEST
 - b. PHASE SEQUENCE TEST
 - c. LOAD TEST
 - d. COMPLETE TEST FOR TRANSFORMER
12. ALL WIRES SHALL BE CLEAR COLORED AS FOLLOWS:

| | |
|-------------------|------------------|
| PHASE - A - BLACK | GROUND - GREEN |
| PHASE - B - RED | PHASE - C - BLUE |
13. NO CHANGE OR MODIFICATION SHALL BE MADE ON THESE PLANS WITHOUT THE ENGINEER/OWNER'S WRITTEN COMMENT.
14. ALL VFD'S AND AN-DRIVING UNITS MUST HAVE INDIVIDUAL ENCLOSED CIRCUIT BREAKER.

UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES
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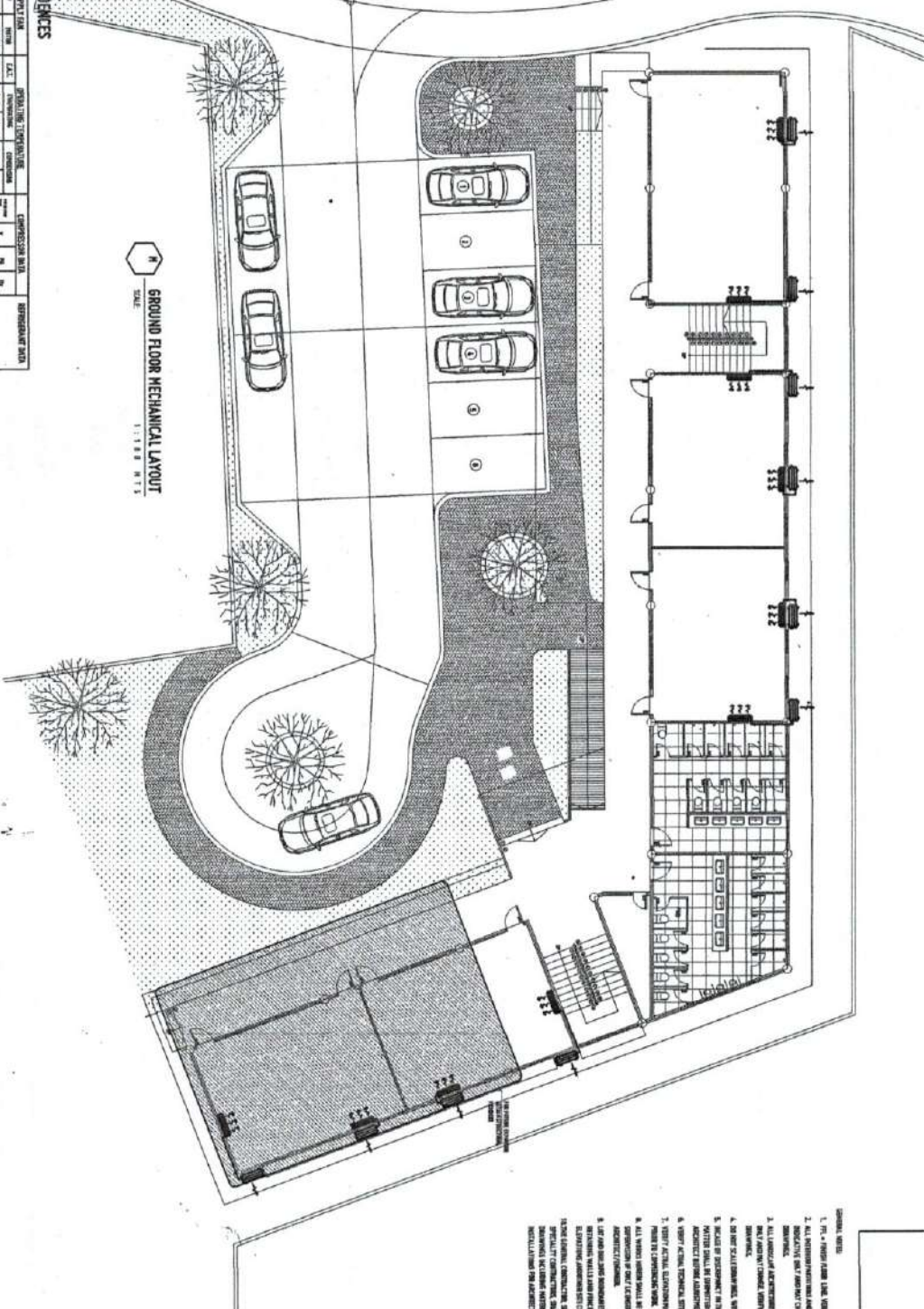
| RECOMMENDING APPROVAL | | RECOMMENDING APPROVAL | | APPROVED BY | | SHEET CONTENTS | |
|---|--|---|---|--|--|-----------------------|-----------------------|
| AN FERDINAND REGISTERED ELECTRICAL ENGINEER NO. 12345 | AITY. ENRIQUE B. BULO REGISTERED ELECTRICAL ENGINEER NO. 67890 | DR. AMOROSO E. CULIYAL REGISTERED ELECTRICAL ENGINEER NO. 11111 | DR. AMOROSO E. CULIYAL REGISTERED ELECTRICAL ENGINEER NO. 22222 | DATE: _____ TIME: _____ PLACE: _____ | DATE: _____ TIME: _____ PLACE: _____ | NO. _____ OF _____ | NO. _____ OF _____ |

PROJECT: _____
LOCATION: _____
OWNER: _____

COMPLETION OF SPORTS COMPLEX AND RESIDENCES PHASE 10
CLASH H. RECTO AVENUE, LAMPANA, CAGAYAN DE ORO CITY 9000
UNIVERSITY OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES

REPUBLIC OF THE PHILIPPINES
OFFICE OF THE BARRISTER GENERAL

- GENERAL NOTES:**
1. TO - REFER TO THE VENTILATION SCHEDULE.
 2. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
 3. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL BUILDING CODE OF THE PHILIPPINES AND THE NATIONAL ELECTRICAL CODE OF THE PHILIPPINES.
 4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL BUILDING CODE OF THE PHILIPPINES AND THE NATIONAL ELECTRICAL CODE OF THE PHILIPPINES.
 5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL BUILDING CODE OF THE PHILIPPINES AND THE NATIONAL ELECTRICAL CODE OF THE PHILIPPINES.
 6. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL BUILDING CODE OF THE PHILIPPINES AND THE NATIONAL ELECTRICAL CODE OF THE PHILIPPINES.
 7. VERIFY ALL ELECTRICAL SYMBOLS AND NOTATIONS AGAINST THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE OF THE PHILIPPINES.
 8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL BUILDING CODE OF THE PHILIPPINES AND THE NATIONAL ELECTRICAL CODE OF THE PHILIPPINES.
 9. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL BUILDING CODE OF THE PHILIPPINES AND THE NATIONAL ELECTRICAL CODE OF THE PHILIPPINES.
 10. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL BUILDING CODE OF THE PHILIPPINES AND THE NATIONAL ELECTRICAL CODE OF THE PHILIPPINES.



EQUIPMENT SCHEDULE
SPLIT-TYPE UNIT AIR CONDITIONING SCHEDULE SPORTS COMPLEX-RESIDENCES

| ROOM NO. | ROOM | TYPE | LOCATION | CHARACTER | AREA (SQ. M) | HEATING | Cooling | Capacity (Tons) | Remarks |
|----------|--------|-------|----------|-----------|--------------|---------|---------|-----------------|---------|
| 101 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 102 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 103 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 104 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 105 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 106 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 107 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 108 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 109 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 110 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 111 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 112 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 113 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 114 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 115 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 116 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 117 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 118 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 119 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |
| 120 | OFFICE | SPLIT | OFFICE | OFFICE | 10.00 | 1.00 | 1.00 | 1.00 | |

UNIVERSITY OF THE PHILIPPINES
OFFICE OF THE BUILDING OFFICER

PROJECT: COMPLETION OF SPORTS COMPLEX AND RESIDENCES PHASE 1A
LOCATION: CLAYO N. STREET AVENUE, LAYANAN, CAGAYAN DE ORIENTAL PROVINCE
OWNER: UNIVERSITY OF THE PHILIPPINES

DATE: _____
SCALE: _____

REGISTERED ARCHITECT
DR. ANTONIO S. CULTURA II
REGISTERED ELECTRICAL ENGINEER
ATTY. EDWARD B. BICHO

REGISTERED MECHANICAL ENGINEER
DR. ANTONIO S. CULTURA II

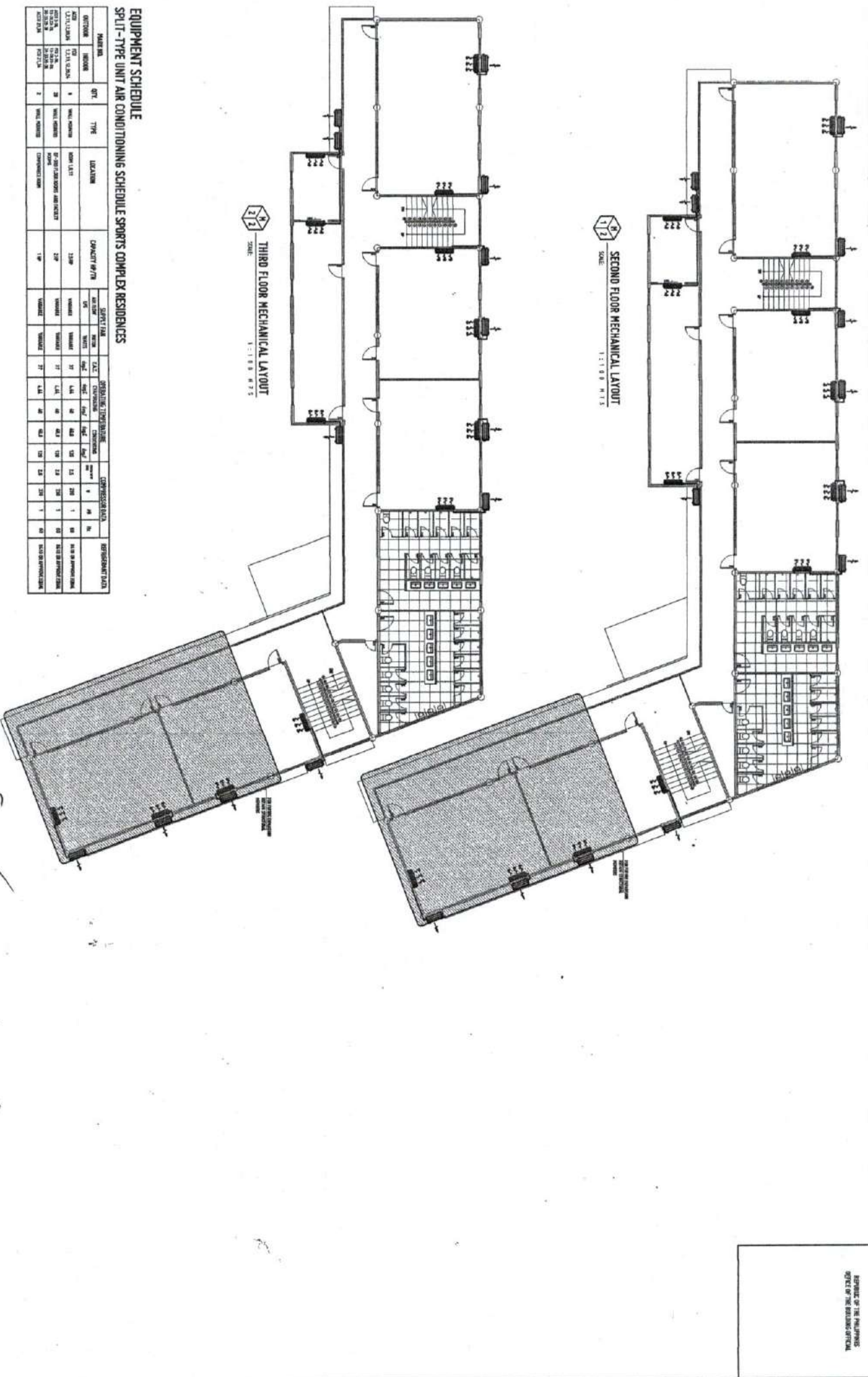
REGISTERED CIVIL ENGINEER
DR. ANTONIO S. CULTURA II

SCALE: _____

M1

1/2
SECOND FLOOR MECHANICAL LAYOUT
SCALE: 1:1000 R.F.S.

2/3
THIRD FLOOR MECHANICAL LAYOUT
SCALE: 1:1000 R.F.S.



EQUIPMENT SCHEDULE
SPLIT-TYPE UNIT AIR CONDITIONING SCHEDULE SPORTS COMPLEX RESIDENCES

| NUMBER | ROOM | QTY | TYPE | LOCATION | CAPACITY (RT/HP) | SPLIT-TYPE | | REFRIGERANT | | CONDENSER DATA | | REFRIGERANT DATA | |
|--------|--------|-----|-----------------|----------|------------------|-----------------|-----------------|-------------|------|----------------|------|------------------|------|
| | | | | | | IND | OUT | COND | EVAP | COND | EVAP | COND | EVAP |
| 1 | OFFICE | 1 | WELL-VENTILATED | ROOM 101 | 1.5HP | WELL-VENTILATED | WELL-VENTILATED | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 2 | OFFICE | 1 | WELL-VENTILATED | ROOM 102 | 1.5HP | WELL-VENTILATED | WELL-VENTILATED | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 3 | OFFICE | 1 | WELL-VENTILATED | ROOM 103 | 1.5HP | WELL-VENTILATED | WELL-VENTILATED | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 4 | OFFICE | 1 | WELL-VENTILATED | ROOM 104 | 1.5HP | WELL-VENTILATED | WELL-VENTILATED | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 5 | OFFICE | 1 | WELL-VENTILATED | ROOM 105 | 1.5HP | WELL-VENTILATED | WELL-VENTILATED | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 6 | OFFICE | 1 | WELL-VENTILATED | ROOM 106 | 1.5HP | WELL-VENTILATED | WELL-VENTILATED | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 7 | OFFICE | 1 | WELL-VENTILATED | ROOM 107 | 1.5HP | WELL-VENTILATED | WELL-VENTILATED | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| 8 | OFFICE | 1 | WELL-VENTILATED | ROOM 108 | 1.5HP | WELL-VENTILATED | WELL-VENTILATED | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |

UNIVERSITY OF THE PHILIPPINES
INSTITUTE OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES
CAGAYAN DE ORO CAMPUS
RESEARCH CENTER BUILDING AND FACILITY DEVELOPMENT UNIT
TERRACE 4 STREET 73-01-01, 73001-01, 73001-01, 73001-01, 73001-01
WESTERN SAMAR AVENUE

REPUBLIC OF THE PHILIPPINES
UNIVERSITY OF THE PHILIPPINES
INSTITUTE OF SCIENCE AND TECHNOLOGY OF SOUTHERN PHILIPPINES
CAGAYAN DE ORO CAMPUS
RESEARCH CENTER BUILDING AND FACILITY DEVELOPMENT UNIT
TERRACE 4 STREET 73-01-01, 73001-01, 73001-01, 73001-01, 73001-01
WESTERN SAMAR AVENUE

PROJECT
COMPLETION OF SPORTS COMPLEX AND RESIDENCES PHASE 1D
CLAMP 'N' NORTH AVENUE, LIPUNA, CAGAYAN DE ORO CITY 7300

APPROVED BY:
DR. AMBROSIO CULIQUIA II
REGISTERED ELECTRICAL ENGINEER

RECOMMENDING APPROVAL:
AIR ENGINEERING DIVISION

RECORDING APPROVAL:
ATTN: ERWIN B. SUREO
REGISTERED ELECTRICAL ENGINEER

APPROVED BY:
DR. AMBROSIO CULIQUIA II
REGISTERED ELECTRICAL ENGINEER

SHEET CONTENTS:
NO. 1
DATE

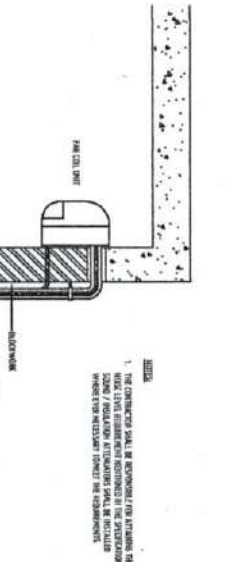
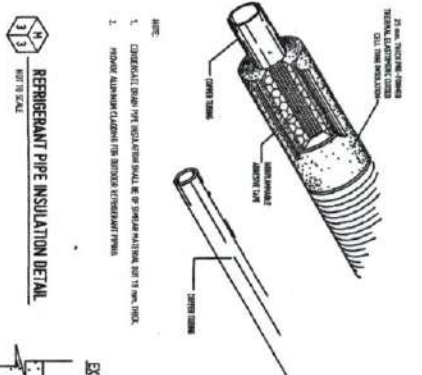
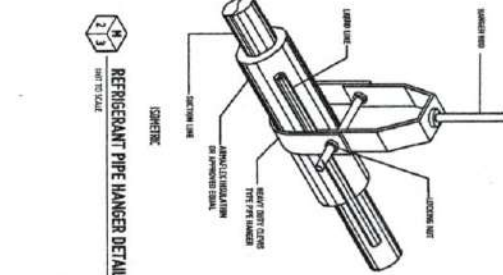
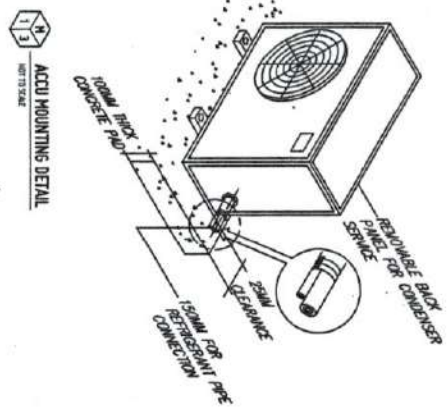
M2

GENERAL NOTES:

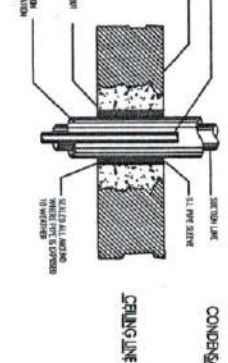
1. ALL GENERAL WORK SHALL BE DONE IN ACCORDANCE WITH THE PHILIPPINE NATIONAL STANDARDS AND OTHER APPLICABLE CODES AND REGULATIONS.
2. THE GENERAL WORK SHALL BE DONE IN ACCORDANCE WITH THE PHILIPPINE NATIONAL STANDARDS AND OTHER APPLICABLE CODES AND REGULATIONS.
3. THE GENERAL WORK SHALL BE DONE IN ACCORDANCE WITH THE PHILIPPINE NATIONAL STANDARDS AND OTHER APPLICABLE CODES AND REGULATIONS.

NOTES ON PIPING INSTALLATION:

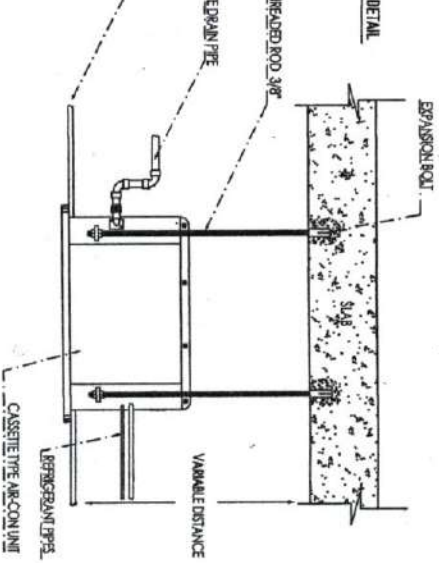
1. REFRIGERANT PIPE SHALL BE INSTALLED IN A CONCEALED MANNER AND SHALL BE PROTECTED BY AN APPROPRIATE METHOD OF PROTECTION.
2. CONDENSER PIPE SHALL BE INSTALLED IN A CONCEALED MANNER AND SHALL BE PROTECTED BY AN APPROPRIATE METHOD OF PROTECTION.
3. THE CONDENSER PIPE SHALL BE INSTALLED IN A CONCEALED MANNER AND SHALL BE PROTECTED BY AN APPROPRIATE METHOD OF PROTECTION.



TYPICAL SPLIT-TYPE CONNECTION DETAIL
NOT TO SCALE



REFRIGERANT PIPE THRU WALL DETAIL
NOT TO SCALE



TYPICAL CEILING CASSETTE-TYPE INSTALLATION DETAIL
NOT TO SCALE



| | | | | | | | | | | | | | | | | | |
|---|--|--|--|---|--|---|--|--|--|--|--|----------------|--|------|--|----|--|
| UNIVERSITY OF SCIENCE AND TECHNOLOGY OF THE PHILIPPINES DIOSDADO Z. CALAGAN, CHIEF OF BUILDINGS ENGINEERING PLANNING AND FACILITY DEVELOPMENT UNIT OFFICE OF ARCHITECTURE, CIVIL ENGINEERING AND MECHANICAL ENGINEERING DEPARTMENT DIOSDADO Z. CALAGAN, CHIEF OF BUILDINGS OFFICE OF ARCHITECTURE, CIVIL ENGINEERING AND MECHANICAL ENGINEERING DEPARTMENT | | PROJECT UNIVERSITY OF SCIENCE AND TECHNOLOGY OF THE PHILIPPINES | | CONNECTION OF SPORTS COMPLEX AND RESIDENCES PHASE 1A3 DIOSDADO Z. CALAGAN, CHIEF OF BUILDINGS ENGINEERING PLANNING AND FACILITY DEVELOPMENT UNIT OFFICE OF ARCHITECTURE, CIVIL ENGINEERING AND MECHANICAL ENGINEERING DEPARTMENT | | DESIGNING ARCHITECT ARCHITECT AND ENGINEER ARCHITECT AND ENGINEER | | RECOMMENDING ARCHITECT ARCHITECT AND ENGINEER ARCHITECT AND ENGINEER | | APPROVED BY DR. AMOR M. SUTICULA II OFFICE OF ARCHITECTURE | | SHEET CONTINUE | | DATE | | M3 | |
|---|--|--|--|---|--|---|--|--|--|--|--|----------------|--|------|--|----|--|