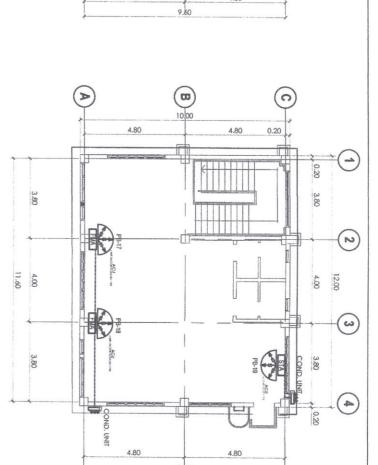


SECOND FLOOR AIRCONDITIONING UNIT LAYOUT PLAN 12 SCALE: 1:100 MTRS.



GENERAL SPECIFICATIONS:

INSTALLATION OF ALL WORKS SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER, IMPROPERLY SETWORK OR FINISH AS DETERMINED BY THE ARCHITECT SHALL BE REMOVED AND REPLACED AT NO EXTRA COST.

GENERAL SPECIFICATIONS for CARGO LIFT ELEVATOR:

SPECIFICATION

CARGO LIFT

DEVIATIONS AND REVISIONS FROM PLANS SHALL BE REFERED TO THE ARCHITECT FOR REVIEW AND APPROVAL.

ALL MATERIALS TO BE USED SHALL BE BRAND NEW & CLEAN.

- ALL NECESSARY PERMITS SHALL BE SECURED AND PAID FOR BY THE OWNER.
- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE SPECIFIED.

STOPS/OPENINGS
CONTROL

CAR DIMENSION SHAFT DIMENSION

1750MM X 1500MM 1600MM X 1400MM SEND AND CALL NO. OF SPEED

5.8 M/S

1000 KG

CAR CAGE

STEEL MATTING with 2mm

STANDARD SIZE CHAIN

CENTER OPENING

304 Stainless Steel Checkered Plate Flooring

SINGLE PHASE 220 VOLTS

0

SUPPLY

50HZ

BLDG. POWER

BLDG. LIGHTING

220 VOLTS SINGLE PHASE 60HZ

CAR DOOR ROPING

NO. OF UNITS CAPACITY

- MECHANICAL CONTRACTOR SHALL BE OBSERVED ALWAYS SAFETY AND ORDERLINESS. ALL MECHANICAL WORKS SHALL BE IN ACCORDANCE WITH THE LATEST MECHANICAL ENGINEER'S CODE ASVE, SMACNA AND ASHRAE STANDARD
- MECHANICAL CONTRACTOR SHALL VERIFY SITE PRIOR TO ACTUAL INSTALLATIONS.
- ALL SUPPLY , FRESH AIR AND RETURN DUCTS SHALL BE AS PER SMACNA USING GI SHEET MATERIALS COMPLETE WITH FITTINGS AND HANGER.
- = THE MECHANICAL CONTRACTOR SHALL CONDUCT TESTING AND COMMISSIONING WORKS. INSULATIONS FOR SUPPLY AND RETURN DUCT SHALL BE OF FIBERGLASS MATERIALS 25mm WITH A DENSITY OF 45 kg/cl.m. AND WITH ALUMINUM FOIL VAPOR BARRIER.

LEGEND:

AIRCONDITIONING UNIT LAYOUT PLAN
SCALE 1:100 MTRS.

DL - DRAIN LINE
RL - REFRIGERANT LINE
ACU - AIR CONDITIONING UNIT

ACCU - CONDENSING UNIT



LEGENDS AND SYMBOLS

ACCU AIR COOLED CONDENSING UNIT KILOWATTS

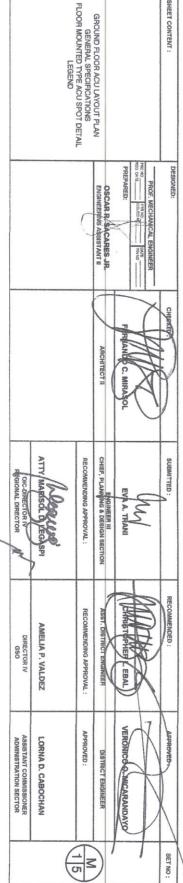
SAFETY VAULT:

39" 29"

SHEET NO:

28

D/H/W DIAMETER/HEIGHT/WIDTH TR TONS OF REFRIGERATION
BTU/HR BRITISH THERMAL UNITS PER HOUR AMPERE HORSE POWER





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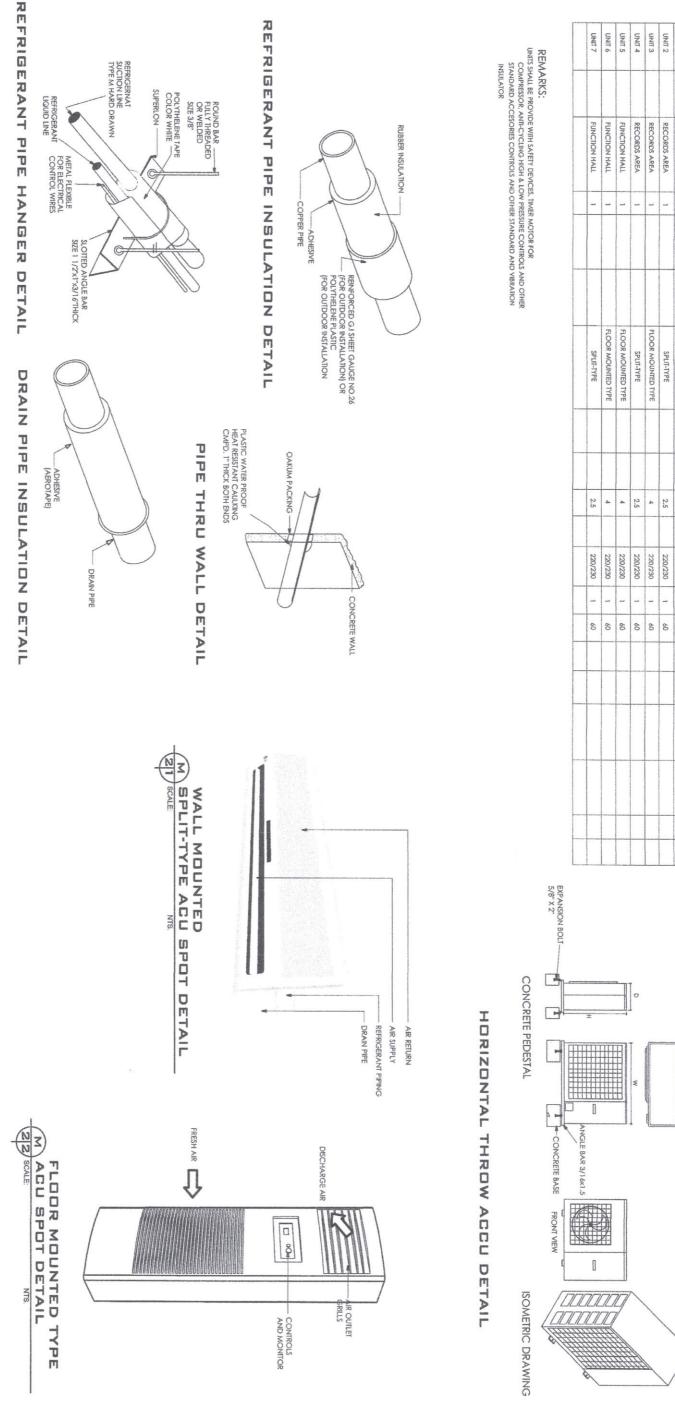
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REGION IX

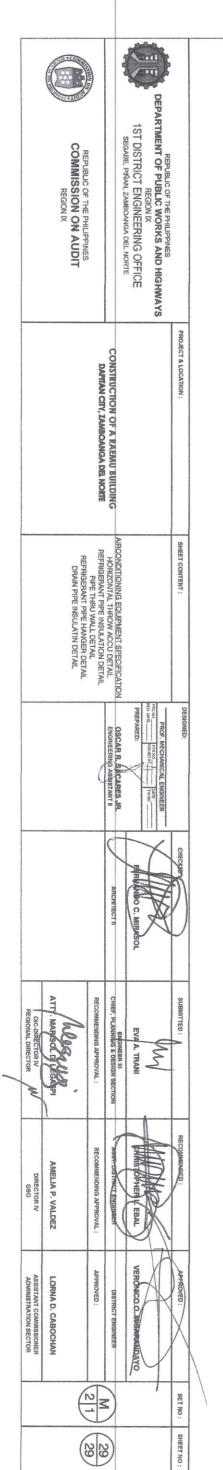
PROJECT & LOCATION

1ST DISTRICT ENGINEERING OFFICE SEGABE, PIÑAN, ZAMBOANGA DEL NORTE

CONSTRUCTION OF A RAEMU BUILDING DAPITAN CITY, ZAMBOANGA DEL NORTE

REMARKS: UNITS SHALL BE P COMPRESSO STANDARD INSULATOR	ON: Y	UNIT 6	UNIT 5	UNIT 4	UNIT 3	UNIT 2	UNIT 1		EQ BRAND	AIR CO
REMARKS: UNITS SHALL BE PROVIDE WITH SAFETY DEVICES, TIMER MOTOR FOR COMPRESSOR, ANTI-CYCLING HIGH & LOW PRESSURE CONTROLS AND OTHER STANDARD ACCESORIES CONTROLS AND OTHER STANDARD AND VIBRATION INSULATOR	TONCION TALE	FUNCTION HALL	FUNCTION HALL	RECORDS AREA	RECORDS AREA	RECORDS AREA	RECORDS AREA	And the second s	ND DESIGNATION	201107
DEVICES, TIM SH & LOW PR	-	-	1	A	A	A	A		QTY	Z
ER MOTOR FOR ESSURE CONTROL ER STANDARD AN								ACCU		FOUR
s and other d vibration								FCU	MODEL	3 7 2
	or Division	FLOOR MOUNTED TYPE	FLOOR MOUNTED TYPE	SPLIT-TYPE	FLOOR MOUNTED TYPE	SPLIT-TYPE	FLOOR MOUNTED TYPE		TYPE	AIR CONDITIONING EQUIPMENT SPECIFICATION:
								m2	AREA SERVED	ALIUI
	20	4 0	4	2.5	4	2.5	4	BTU/HR HP	ED CAPACITY	~
						05			REF.	
	220/230	220/230	220/230	220/230	220/230	220/230	220/230	VOLTS F	POWER SUPPLY	
	00	+	1 60	1 60	1 60	1 60	1 60	PHASE HERTZ	SUPPLY	
								GAS LIQUID	PIPING	
								ACCU	MIG	
								FCU	DIM.(HxWxD)in	
								ACCU FCU	WEIGHT(LB)	
EXPANSION BOLT S/8" X 2" CONCRETE PEDESTAL SOMETRIC DRAWING	ANGLE BAR 3/16x1.5			D W	The state of the s			BI AVI		





GENERAL NOTES FOR FIRE DETECTION AND ALARM SYSTEM

1. ALL FIRE DETECTION AND ALARM SYSTEM INSTALLATION WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS, THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) FIRE CODE, AND THE RULES AND REGULATIONS OF THE LOCAL FIRE BUREAU.

3.FIRE ALARM CONTROL PANEL (FACP) MUST BE PRESET IN SUCH A WAY THAT THE ZONE IN EACH DETECTOR FOLLOWS SIMILARLY AS INDICATED ON THE RISER DIAGRAM, AND THE CONTROL PANEL IS PROGRAMMED TO DISPLAY THE INFORMATION REQUIRED WHEN THAT PARTICULAR DETECTOR IS OPERATED. ADDITIONAL FIELD DEVICES ARE AVAILABLE WHICH MAY BE WIRED TO THE LOOP FOR DETECTION ONLY IF IT IS NECESSARY.

4.SOUNDERS ARE WIRED IN A WAY THAT THESE ARE EXACTLY CONNECTED TO LOOP ISOLATION MODULES OR SIGNALING DEVICES ADAPTER COMMONLY. MOREOVER, SOUNDER ARE CONNECTED IN A CASS "A"

MANNER AND LOOP SOLATION MODULES ARE AVAILABLE FOR FITTING ON TO THE DETECTION LOOP/LOOPS SUCH THAT THE LOOP IS A SECTIONED IN ORDER TO ENSURE THAT A EVERY BUILDING LEVEL MUST BE PROVIDED WITH SEPARATE OUTPUT DEVICE SIGNAL WHENEVER ONE LOOP IS SHORT CIRCUITED OR THE OTHER WAY AROUND.

5. MOUNTING HEIGHTS OF FIRE DETECTION DEVICES ARE THE 2.THE FIRE DETECTION AND ALARM SYSTEM SHALL BE DESIGNED AND CONSTRUCTED SO THAT THERE ARE APPROPRIATE PROVISIONS FOR THE EARLY WARNING OF FIRE. AND APPROPRIATE MEANS OF ESCAPE IN CASE OF FIRE FROM THE BUILDING TO A PLACE OF SAFETY OUTSIDE THE BUILDING CAPABLE OF BEING SAFELY AND EFFECTIVELY USED AT ALL MATERIAL TIMES.

A. DETECTORS (CELING-MOUNTED), VARIES

B. SOUNDERS 2.00 melers

C. MANUAL PULL STATION 1.40 melers

E. CONTROL PANEL 1.40 melers

6.FIRE ALARM CABLES, SHOULD ALWAY'S BE SEGREGATED FROM CABLES FOR OTHER SYSTEMS TO MINIMIZE HARMONIC INTERFERENCES, AS FAR AS POSSIBLE, JOINTS SHOULD BE AVOIDED EXCEPT WHERE A JOINT IS INSIDE ONE OF THE SYSTEMS COMPONENTS (eg: CONTROL PANEL, DETECTOR, CALL POINT, SOUNDER ETC.) WHERE JOINTS ARE REQUIRED ELSEWHERE THEY SHOULD BE ENCLOSED IN A SUITABLE JUNCTION BOX MARKED FIRE ALARM TO ENSURE THAT THE FIRE ALARM SYSTEMS IS NOT ACCIDENTALLY INTERFERED WITH, GOOD WIRNING INSTALLATION PRACTICES MUST BE OBSERVED DURING THE ENTIRE DURATION OF INSTALLATION.

LEGEND & SYMBOLS:

SYMBOL	
FACP	FIRE ALARM CONTROL PANEL
F	MANUAL PULL STATION
@	VIBRATING BELL OUTLET, 230mm DIAMETER, 230V, 60HZTO*BE INSTALLED 300mm BELOW CEILING LINE
□ _{PB}	PULLBOX
®	SMOKE DETECTOR
(a)	HEAT DETECTOR





FIRE ALARM SYSTEM ABBREVIATIONS

FACP PB SD FIRE ALARM CONTROL PANEL FIRE ALARM

PULL BOX

SMOKE DETECTOR

HEAT DETECTOR

REPUBLIC OF THE PHILIPPINES

DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

REGION IX

1ST DISTRICT ENGINEERING OFFICE
SEGABE, PIÑAN, ZAMBOANGA DEL NORTE REPUBLIC OF THE PHILIPPINES
COMMISSION ON AUDIT
REGION IX CONSTRUCTION OF A RAEMU BUILDING DAPITAN CITY, ZAMBOANGA DEL NORTE LOCATION PLAN
LEGEND/SYMBOLS
GENERAL NOTES FOR FIRE DETECTION &
ALARM SYSTEM SITE DEVELOPMENT PLAN ENGINEER III
CHIEF, PLANNING & DESIGN SECTION SUBMITTED: ATTY, MARISOL D. LEGAS MENDING APPROVAL EVA A. TRANI 3 AMELIA P. VALDEZ

LORNA D. CABOCHAN ASSISTANT COMMISSIONER
ADMINISTRATION SECTOR

DISTRICT ENGINEER

(a)

29-1 29f

SET NO:

SHEET NO:

