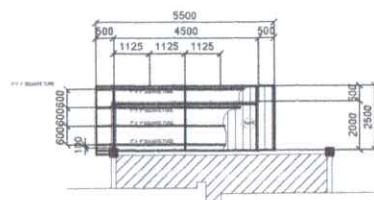


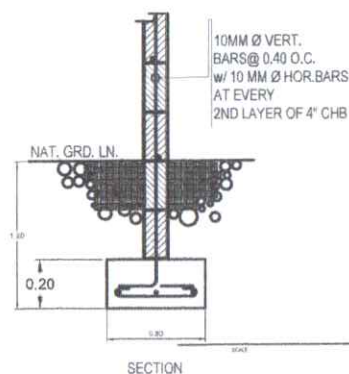
WT1 - 4" CHB Wall
WF1 - Plain cement
smooth painted finish
WF2 - 1.8m (0.6m x
0.3m) ceramic glazed
wall tiled, the rest
plain cement smooth
painted finish
C1 - Ceramic Slab
Countertop



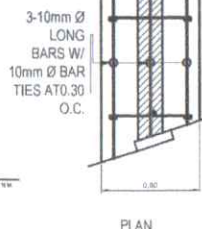
WATER TANK PLAN
SCALE: 1/100



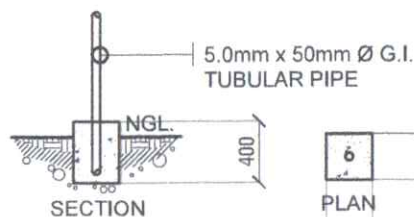
ROOF FRAMING PLAN
SCALE: 1/100



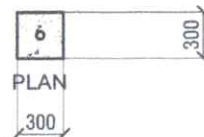
WALL FOOTING DETAIL
SCALE: 1/100



PLAN

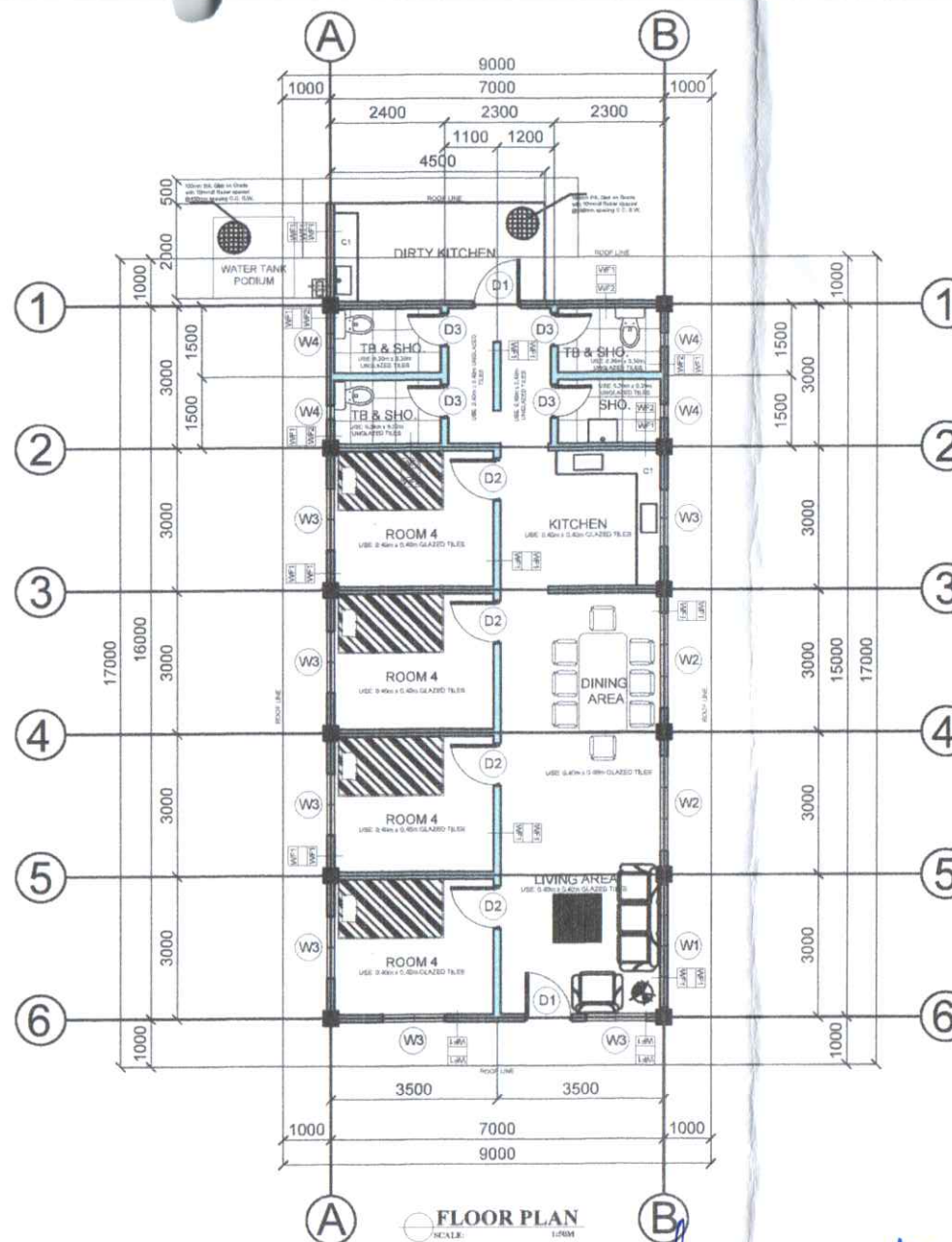


SECTION



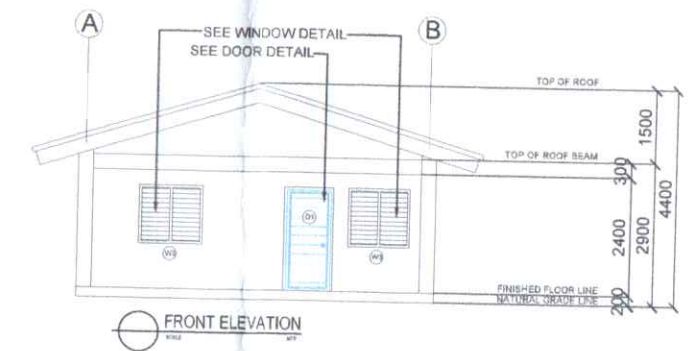
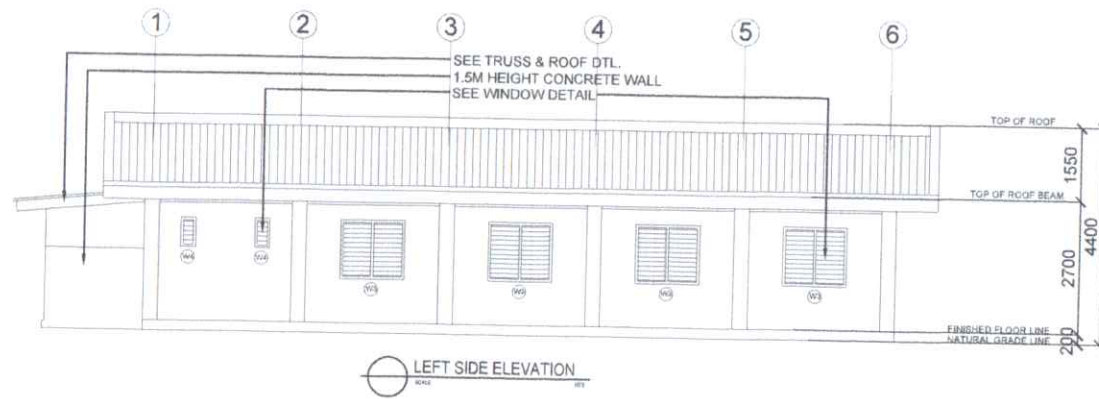
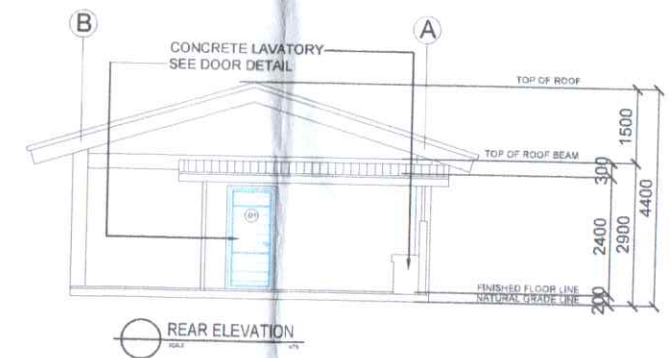
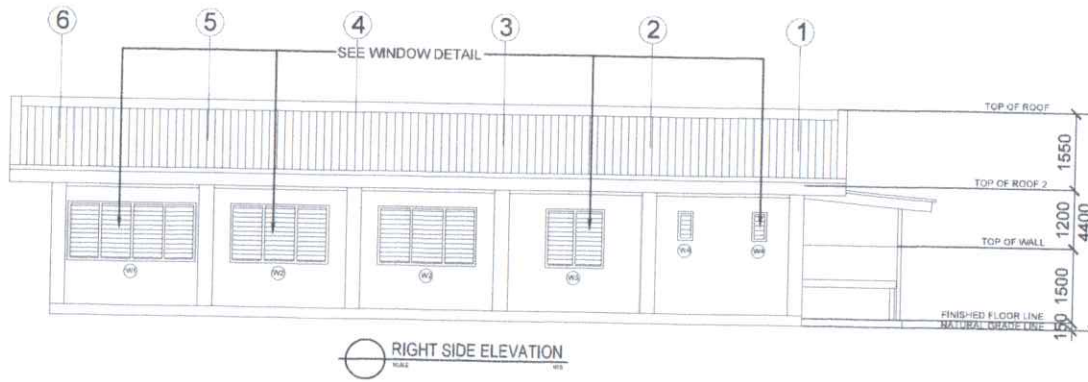
PLAN

POST FOUNDATION DETAIL
SCALE: 1/100

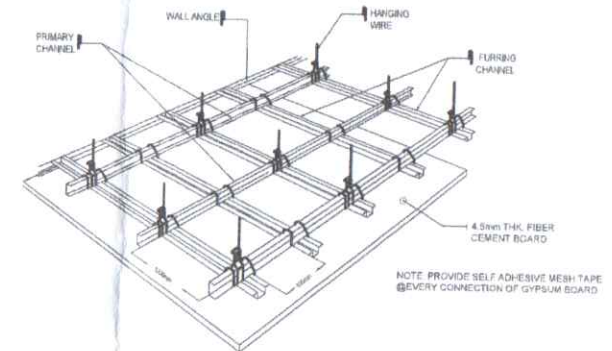


FLOOR PLAN
SCALE: 1/100

	PREPARED BY: ENGR. JUN S. SUGANOB PROJECT ENGINEER	CERTIFIED BY: DATE	PRC. NO. PTR. NO. TIN. NO. D.I. P.I.	PROJECT TITLE: REPAIR OF DORMITORY, MOSQUEDA CAMPUS LOCATION: ALAGUISO, JORDAN, GUIMARAS	APPROVED BY: JONATHAN G. GABION, Ph.D. PLANNING & PMU DIRECTOR	RECOMMENDED APPROVAL: JANET B. ALEMAN, MEd VICE PRESIDENT FOR ADMIN AND FINANCE	APPROVED BY: LILIAN DIANA B. PARRENO, Ph.D. UNIVERSITY PRESIDENT	SHEET CONTENT: AS SHOWN	SHEET NO.
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SCHEDULE OF DOORS & WINDOWS						
UNIT 1 LOCATION: FRONT REAR DESCRIPTION: MANGROVE PANEL DOOR WITH LEVER TYPE DOOR KNOB	UNIT 2 LOCATION: ROOMS DESCRIPTION: MANGROVE PANEL DOOR WITH LEVER TYPE DOOR KNOB	UNIT 3 LOCATION: COMFORT ROOMS DESCRIPTION: PVC DOOR WITH LEVER TYPE DOOR KNOB	UNIT 4 LOCATION: LIVING ROOM DESCRIPTION: ALUMINUM WINDOW WITH STANDARD ALUMINUM FRAME	UNIT 5 LOCATION: LIVING ROOM DESCRIPTION: ALUMINUM WINDOW WITH STANDARD ALUMINUM FRAME	UNIT 6 LOCATION: LIVING KITCHEN ROOM DESCRIPTION: ALUMINUM WINDOW WITH STANDARD ALUMINUM FRAME	UNIT 7 LOCATION: CHIMNEY OR DESCRIPTION: ALUMINUM WINDOW WITH STANDARD ALUMINUM FRAME



	PREPARED BY:	CERTIFIED BY:	PRG. NO.	PROJECT TITLE:	APPROVED BY:	RECOMMENDED APPROVAL:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
	ENGR. JUN S. LUGANOB PROJECT ENGINEER		PTR. NO.	REPAIR OF DORMITORY, MOSQUEDA CAMPUS	 JONATHAN G. GABISON, Ph. D. PLANNING & PMU DIRECTOR	JANET RALEMAN, MEd VICE PRESIDENT FOR ADMIN AND FINANCE	 LILIAN DIANA B. PARRANO, Ph. D. UNIVERSITY PRESIDENT	AS SHOWN	A 2-4
	DATE:	DATE:	TBN. NO.	LOCATION: ALAGUISOC, JORDAN GUIMARAS	DATE:	DATE:	DATE:		
			D.I.						

General Notes

SCALE: NTS

- ALL ELECTRICAL WORKS SHALL BE DONE IN ACCORDANCE WITH THE PROVISION OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC). THE RULES AND REGULATIONS OF LOCAL AND NATIONAL AUTHORITIES CONCERNED WITH ENFORCEMENT OF RULES AND REGULATIONS OF LOCAL UTILITY COMPANY.
- THE SERVICE VOLTAGE TO THE BUILDING SHALL BE 220V, THREE PHASE, 60 CYCLES.
- ADDITIONAL MATERIALS TO BE USED SHALL BE BRAND NEW OF GOOD QUALITY AND TYPE FOR THE LOCATION AND PURPOSED INTENDED.
- ANY ALTERATION OR CHANGES SHALL BE CONSULTED TO A PROFESSIONAL ELECTRICAL ENGINEER.
- BRANCH CIRCUIT HOMERUNS SHALL NOT BE COMBINED IN THE SAME RACEWAY
- MOUNTING HEIGHTS SHALL BE AS FOLLOWS:
 - 0.30m ABOVE FLOOR FINISH — C.O. OUTLET & AUX. OUTLET
 - 1.40m ABOVE FLOOR FINISH — LIGHT CONTROL SWITCH
 - 1.70m ABOVE FLOOR FINISH @ CENTER — PANELBOARDS
 - ALL OTHER HEIGHTS — VERIFY TO THE ARCHITECT
- ALL SERVICE ENTRANCE EQUIPMENTS SUCH AS PANELBOARD SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE PROVISION OF THE PHILIPPINE ELECTRICAL CODE.
- ALL ELECTRICAL WORKS AND INSTALLATIONS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY REGISTERED ELECTRICAL ENGINEER OR MASTER ELECTRICIAN.
- MINIMUM SIZE OF WIRE FOR LIGHTING SHALL BE 2.0 mm² THHN.
- MINIMUM SIZE IF WIRE FOR CONVENIENCE OUTLET SHALL BE 3.5 mm² THHN.
- MINIMUM SIZE OF WIRE FOR MAIN SERVICE ENTRANCE SHALL BE 8.0 mm².

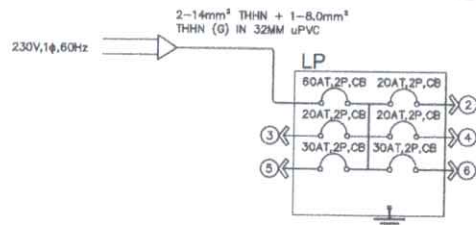
Legend & Symbols

SCALE: NTS

LEGEND & SYMBOLS	
	SERVICE ENTRANCE
	KILOWATT-HOUR METER
	CIRCUIT BREAKER
	CIRCUIT HOMERUN
	RECESSED LED GLARE-FREE RECESSED CIRCULAR DOWNLIGHT COOL WHITE
	LED WALL LAMP
	LED BULB
	CEILING FAN
	EMERGENCY LAMP
	SWITCHES
	FIRE ALARM SWITCH
	CIRCUIT LINE
	CONVENIENCE OUTLET LINE
	DUPLEX CONVENIENCE OUTLET
	S1 SINGLE POLE SWITCH
	S2 TWO GANG SWITCH
	S3 THREE GANG SWITCH
	SWW THREE WAY SWITCH
	POWER PANEL BOARD
	GROUND LINE
	MP MOTOR PUMP

One Line Diagram

SCALE: NTS



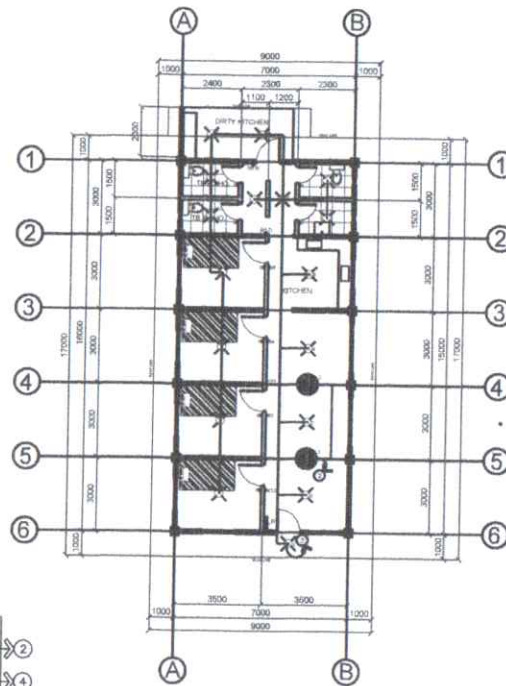
Schedule of Loads & Design Analysis

SCALE: NTS

NAME: LP														DESCRIPTION NEMA 1, SURFACE MOUNTED WITH GRAY POWDERED PAINT FINISH, 8 HOLES, PLUG-IN, BRANCH MAIN TYPE													
FEED FROM: GUIMELCO																											
LOCATION: EE ROOM																											
CIR. NO.	LOAD DESCRIPTION	VOLTAGE	SWITCHES					OUTLETS			PHASE CURRENT					VOLT Amps	CB PROTECTION					TYPE	SIZE & NUMBER OF FEEDER WIRE & RACEWAY CONDUIT				
			S1	S2	S3	S4	Others	L.O	C.O	Others	BBB	BBB	BCA	ABC	AT		AF	P	RAIC								
1	MAIN	230																									
2	Lightings	230	8	4					17	1.33					306	20	60	2	10	YOC	2-8.5mm ² THHN+1-2.0mm ² THHN (G) IN 20mm uPVC						
3	Orbit Ceiling Fan (200W)	230						2						400	20	60	2	10	YOC	2-8.5mm ² THHN+1-2.0mm ² THHN (G) IN 20mm uPVC							
4	Convenience Outlet	230												1250	20	60	2	10	YOC	2-8.5mm ² THHN+1-2.0mm ² THHN (G) IN 20mm uPVC							
5	Electric Motor: Water Pump 1HP	230							4	3.478				800	30	60	2	10	YOC	2-8.5mm ² THHN+1-2.0mm ² THHN (G) IN 20mm uPVC							
6	Spare	230							4	3.478				800	30	60	2	10	YOC	2-8.5mm ² THHN+1-2.0mm ² THHN (G) IN 20mm uPVC							
	TOTAL	230	8			0	2	0	25	0	8.29	0	0	3556													
Conductor Size Computation																							Demand Factor at 80%				
kC [(17.240) ² 80/(230)-59.89A																							Main Protection Computation				
Feeder Size: 2-14mm ² THHN+1-8.0mm ² THHN (G) IN 32 mm uPVC																							[a]=[(17.240) ² 80/(230)-59.89A				
																							Main OCP 60AT/100AF, 230V, 2P, 12KAIC, MCCB				

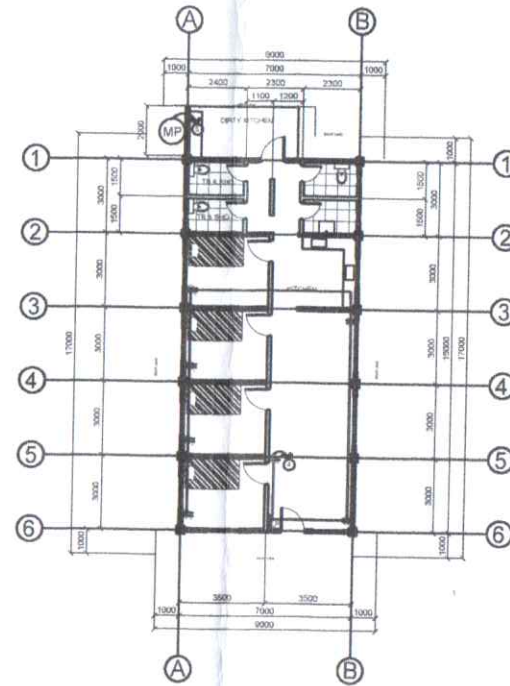
Conductor Size Computation
 $I_c = (17.220) \times 0.87(230) = 55.89A$
 Feeder Size: 2-14mm² THHN+1-2.0mm² THHN (G) IN 32mm uPVC

Main Protection Computation
 $I_p = (17.220) \times 0.87(230) = 55.89A$
 Main OCPD 60AT/100AF, 230V 3P, 12KAIC, MCCB



Lighting Lay-Out

SCALE: 1:1000



Power Lay-Out

SCALE: 1:1000

REPUBLIC OF THE PHILIPPINES

DPWH

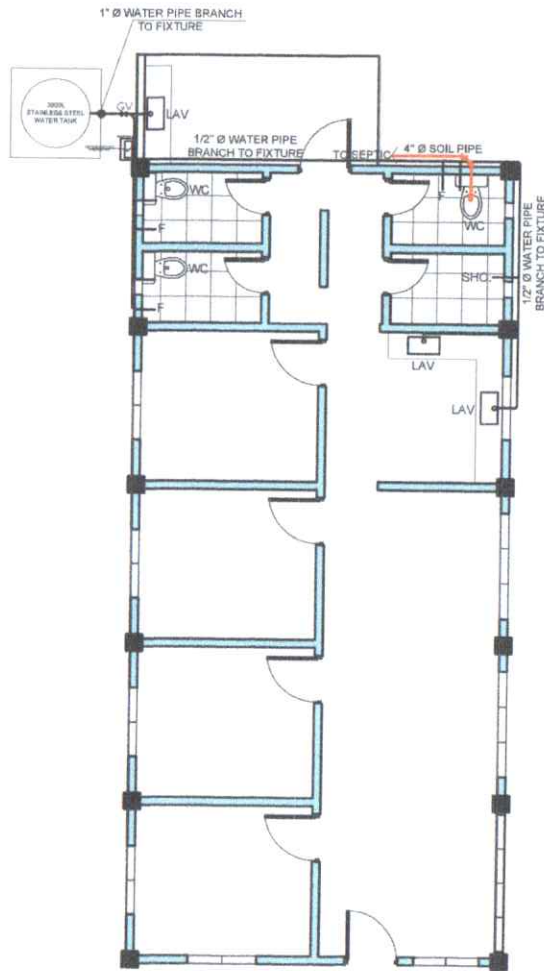
OFFICE OF THE BUILDING OFFICIAL

DISTRICT/CITY/MUNICIPALITY

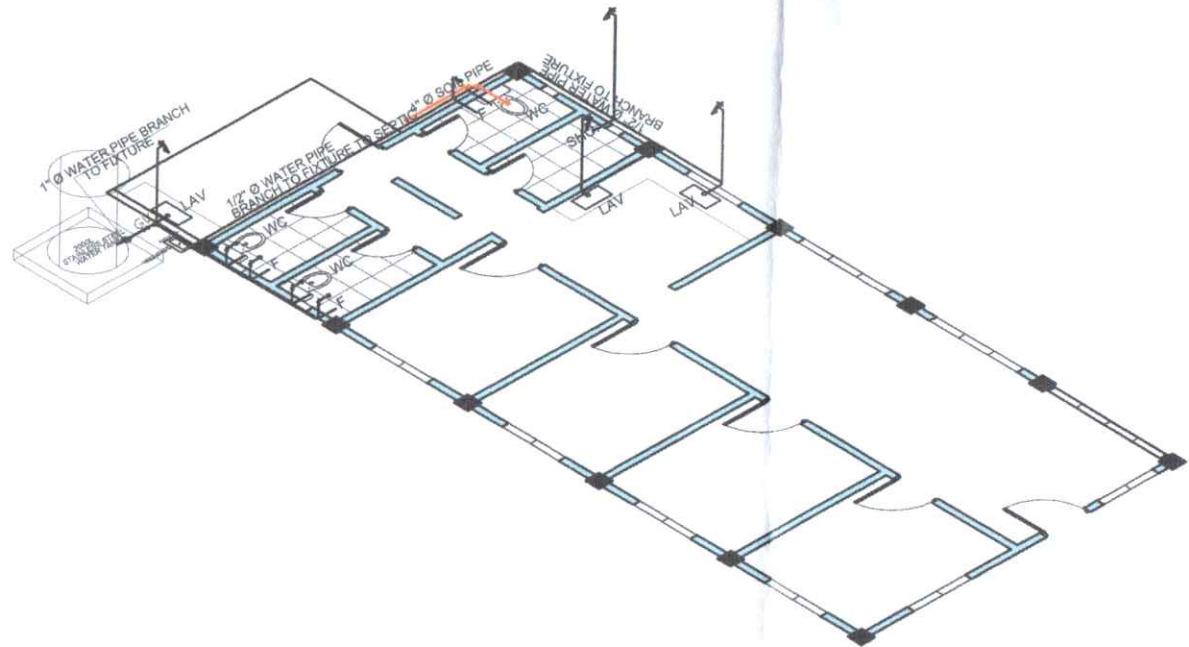
ELECTRICAL



PREPARED BY: ENGR. JUN S. SUGANOB PROJECT ENGINEER	PREPARED BY:	PRC NO.	PROJECT TITLE REPAIR OF DORMITORY, MOSQUEDA CAMPUS	APPROVED BY: JONATHAN G. GABION, Ph. D. PLANNING & PMU DIRECTOR	RECOMMENDED APPROVAL: JANET R. ALEMAN, M.Ed. VICE PRESIDENT FOR ADMIN AND FINANCE	APPROVED BY: LILIAN DIANO G. PARREÑO, Ph.D. UNIVERSITY PRESIDENT	SHEET CONTENT AS SHOWN	SHEET NO. E 3-4
DATE:	DATE:	P.I.	LOCATION: SAN MIGUEL, JORDAN, GUIMARAS	DATE:	DATE:	DATE:		



 SANITARY AND WATER LINE LAY-OUT
SCALE NTS



 SANITARY AND WATER LINE ISOMETRIC LAY-OUT
SCALE NTS

 Division Office - Iloilo Region GUIMARAS STATE UNIVERSITY Baticulan Campus Aldo C. Dizon, Jr., Governor 										PREPARED BY:	CERTIFIED BY:	PRC. NO.	PROJECT TITLE	APPROVED BY:	RECOMMENDED APPROVAL:	APPROVED BY:	SHEET CONTENT:	SHEET NO.
 Division Office - Iloilo Region GUIMARAS STATE UNIVERSITY Baticulan Campus Aldo C. Dizon, Jr., Governor 	ENGR. JUNIS. EUGANOB PROJECT ENGINEER		PTR. NO.	REPAIR OF DORMITORY, MOSQUEDA CAMPUS	 JONATHAN G. GABION, Ph. D. PLANNING & PMU DIRECTOR	 JANET M. ALEMAN, M.Ed VICE PRESIDENT FOR ADMIN AND FINANCE	 LILIAN DIANA A. PARRENO, Ph.D. UNIVERSITY PRESIDENT	AS SHOWN	P 4-4									
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			P.L.	LOCATION: ALAGUISOC, JORDAN, GUIMARAS	DATE:	DATE:	DATE:											