



PROJECT PROFILE



PROJECT TITLE	:	CONSTRUCTION OF ACADEMIC INFRASTRUCTURE / EDIFICE FOR THE PAGADIAN CAMPUS
ABC	:	PhP 50,000,000.00
TOTAL FLOOR AREA	:	1,406 sq.m.
Ground Floor	:	437 sq.m.
2 nd Floor	:	437 sq.m.
3 rd Floor	:	437 sq.m.
Roof Deck	:	95 sqm
NO. OF STOREY	:	THREE (3) STOREY WITH ROOF DECK
COST PER SQ.M.	:	PhP 35,562/sq.m.
PROJECT CONSTRUCTION DURATION	:	370 Calendar Days
NO. OF CLASSROOMS	:	12 Laboratory/Classrooms x 40 Students/room = 400 Students (7.00 x 9.00meter = 63 Sq.m.) (GF- 4, 2F- 4 & 3F- 4 Classrooms



TOILET : Male, Female, PWD & Gender Neutral Toilets @ GF
Male Toilet @ 2F & Male & Female Toilets @ 3F.

A comprehensive building statutory compliance checklist covers building codes, fire safety, environmental regulations, health and safety, structural integrity, and accessibility,

Building Codes & Structural Integrity:

- Ensuring the building's foundation, walls, and roof meet current structural code requirements.
- Adhering to building regulations for construction and alterations

Fire Safety & Equipment:

- Installation fire sprinkler system, smoke detectors and fire alarms.
- Proper placement of fire extinguishers.
- Ensures clear and unobstructed fire exits and escape routes

Health & Safety:

- Compliance with health and safety regulations.
- Appropriate lighting and ventilation within the building

Accessibility:

- The building is accessible to people with disabilities, through ramps, elevators, and proper signage.

Green Architecture:

- Energy Efficiency: Using energy-efficient ventilation, lighting, and appliances, as well as alternative energy sources like solar and wind power.
- Water Conservation: Incorporating plumbing fixtures and designs that reduce water consumption, rainwater harvesting systems for landscaping and toilet flushing.
- Thermal roof insulation create a building envelope that minimizes heat transfer, which directly supports the core green principle of energy efficiency.

Common building materials used are raw & manufactured substances used in construction are the following; Concrete, Steel, Wood, Stone, Masonry, Glass, Aluminum & Insulation.

Building Structural Components using the materials above are assembled into the following;

Foundation: The base of the building that supports the entire structure.

Walls: Vertical structures that enclose and support the building.



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Zamboanga City



Beams and Columns: Vertical and horizontal structural elements that carry loads from the roof and floors to the foundation.

Floors: The flat surfaces that support people and furniture, connecting different levels of the building.

Roof: The uppermost part of the building that provides shelter.

Doors and Windows: Openings in the walls that provide access and allow for natural light and ventilation.

Plumbing and Electrical Systems: The pipes and wiring systems for water, waste, and power.



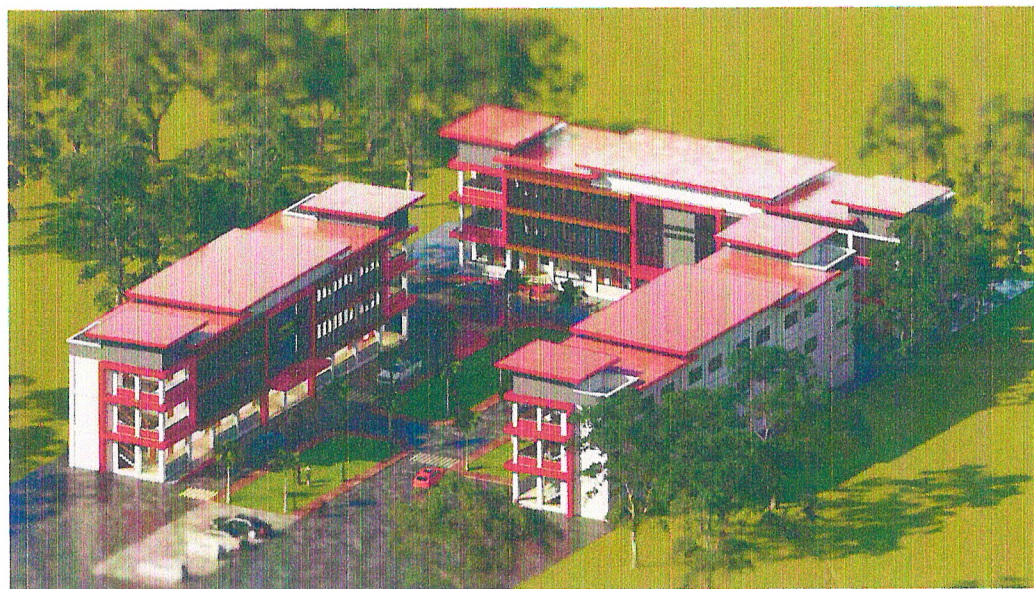
PERSPECTIVE

Prepared by:

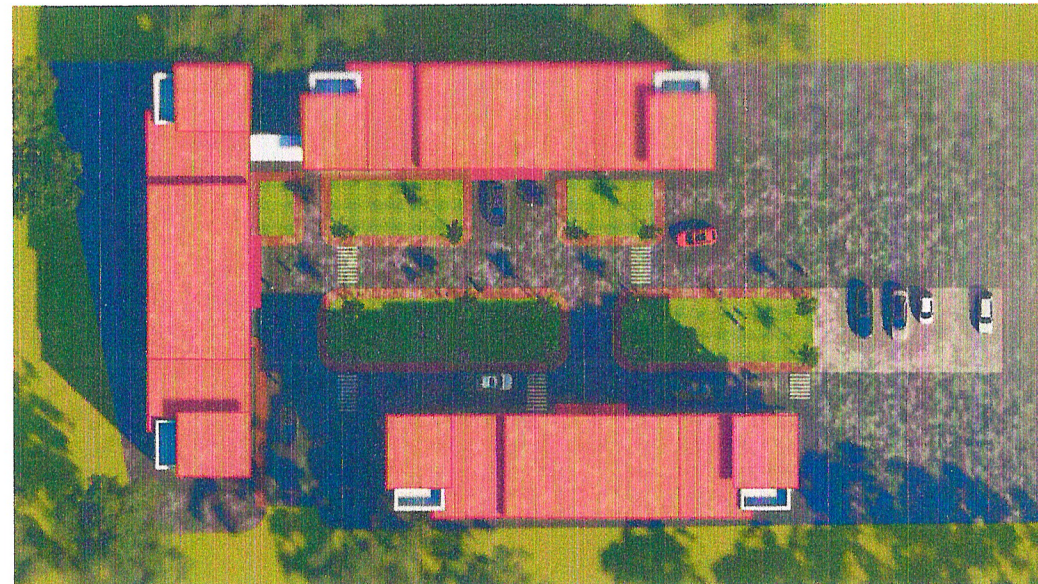
ARCH. JOSEPH ANDREW L. SAHIAL
Director, PPES/ University Architect
PDO-III



EXTERIOR PERSPECTIVE (FRONT VIEW)



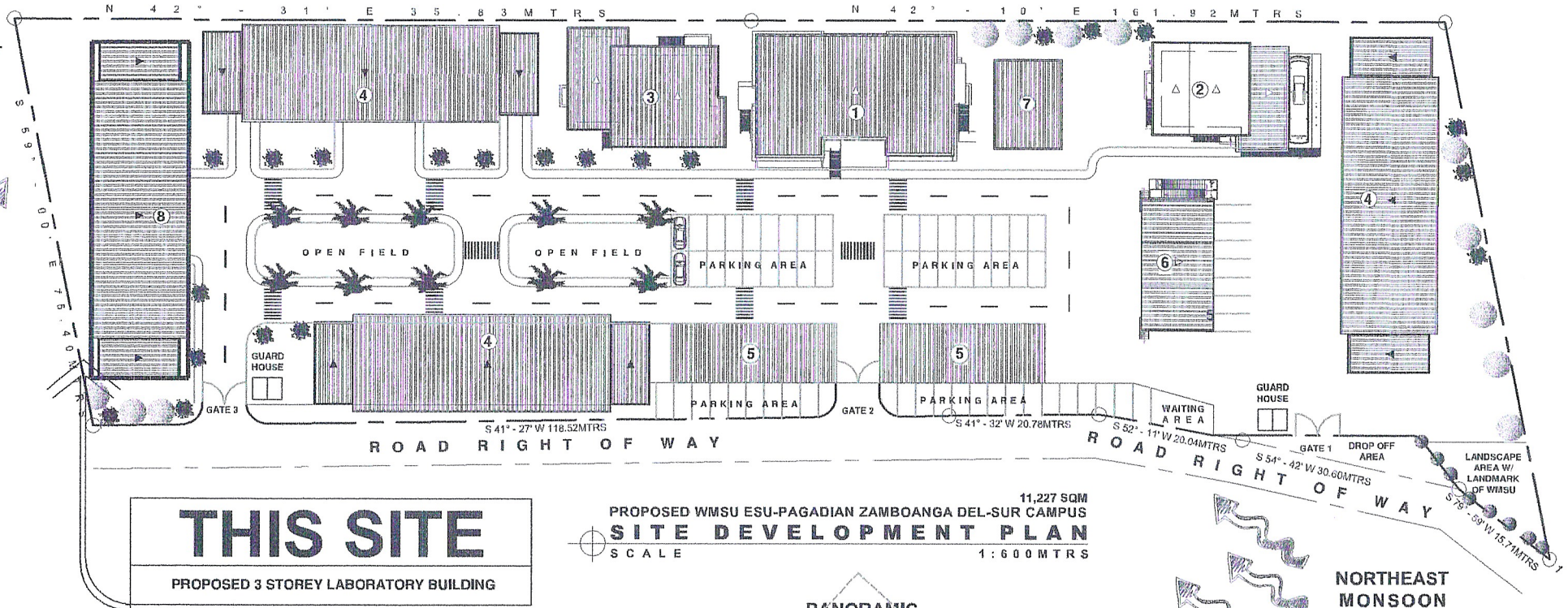
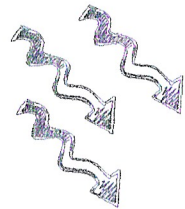
EXTERIOR PERSPECTIVE (AERIAL VIEW)



EXTERIOR PERSPECTIVE (TOP VIEW)

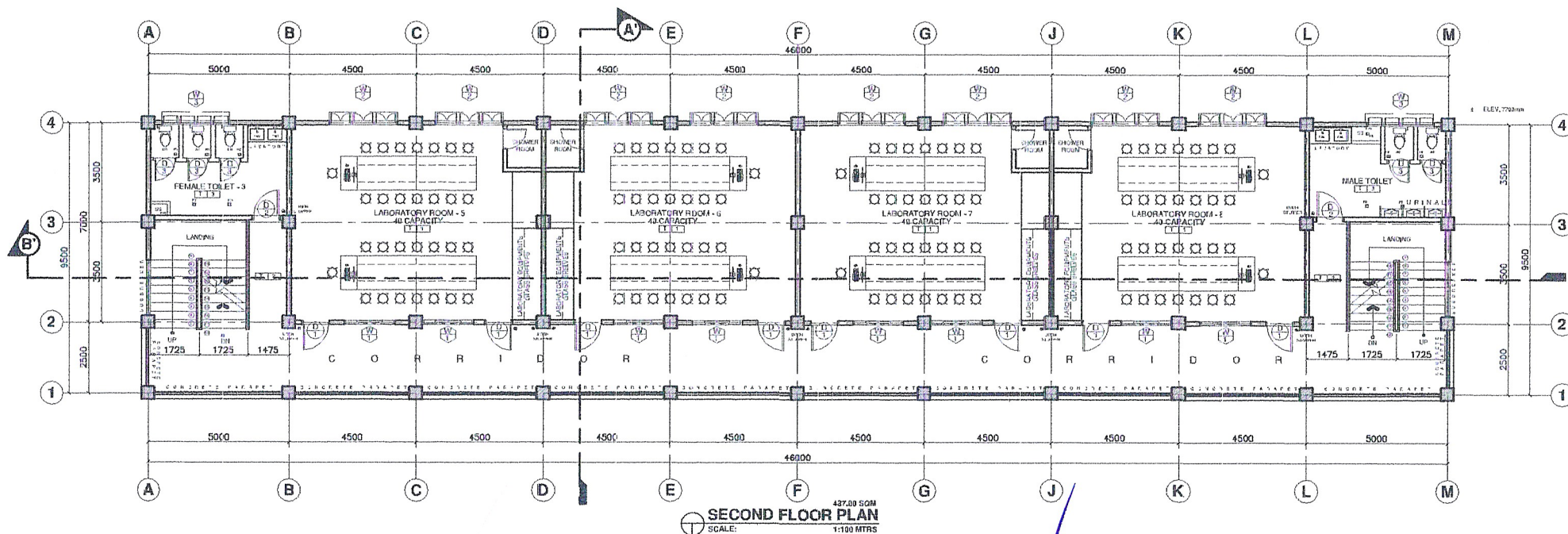
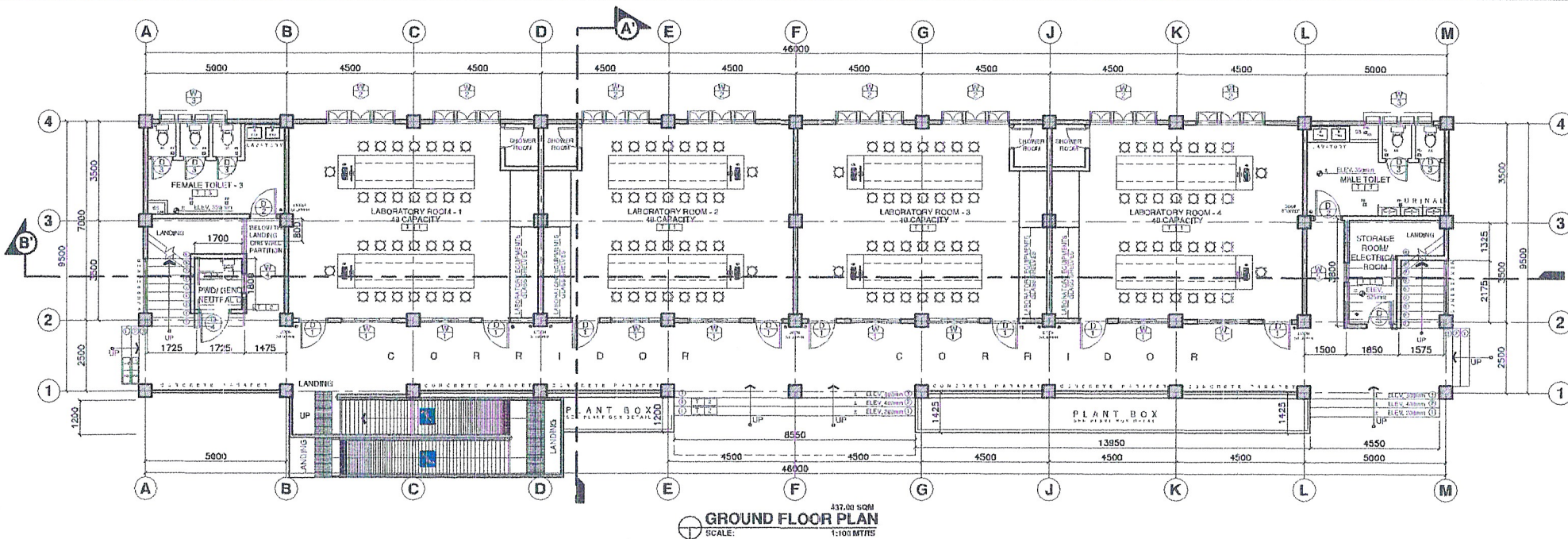
	DESIGNED BY	PROJECT TITLE:	REQUISITIONER	RECOMMENDING APPROVAL	RECOMMENDING APPROVAL	APPROVED BY:	SHEET CONTENTS	SHEET NO.	
	ARCH. JOSEPH ANDREW L. SAHIA, UAP UNIVERSITY ARCHITECT	CONSTRUCTION OF ACADEMIC INFRASTRUCTURE / EDIFICE FOR THE PAGADIAN CAMPUS		ARCH. JOSEPH ANDREW L. SAHIA, UAP DIRECTOR OF PHYSICAL PLANT AND ENGINEERING SERVICES	DR. JOSE LITO D. MADRONAL VICE PRESIDENT FOR ADMIN AND FINANCE	DR. MA. CARLA A. OCHOTORENA VMOU-PRESIDENT	EXTERIOR PERSPECTIVES	A01	
	PRC: 0010577 PTR: 3344412 TIN: 445-013-298	LOCATION: BALINTAWAK, PAGADIAN CITY		PRC: 0010577 PTR: 3344412 TIN: 445-013-298			DRAFTED BY: RVS	0106	

SOUTHWEST
MONSOON



LEGEND	
①	ADMINISTRATION BUILDING
②	ADMINISTRATIVE SUPPORT BUILDING
③	ACADEMIC SUPPORT BUILDING
④	ACADEMIC BUILDING
⑤	IGP BUILDING
⑥	OPEN STAGE
⑦	RESEARCH CENTER
⑧	LABORATORY BUILDING

	DESIGNED BY: ARCH. JOSEPH ANDREW L. BAHIAL, UAP UNIVERSITY ARCHITECT	PROJECT TITLE: CONSTRUCTION OF ACADEMIC INFRASTRUCTURE / EDIFICE FOR THE PAGADIAN CAMPUS	REQUISITIONER	RECOMMENDING APPROVAL: ARCH. JOSEPH ANDREW L. BAHIAL, UAP DIRECTOR OF PHYSICAL PLANT AND ENGINEERING SERVICES	RECOMMENDING APPROVAL: DR. JOSE LITO D. MADRONAL VICE PRESIDENT FOR ADMIN AND FINANCE	APPROVED BY: DR. MA. CASSIA A. OCHOTORENA VICE-PRESIDENT	SHEET CONTENTS: SITE DEVELOPMENT PLAN	SHEET NO. A02 02/06	
	PRC: 0010577 PTR: 3344412 TIN: 445-013-028	LOCATION: BALINTAWAK, PAGADIAN CITY	PRC: 0010577 PTR: 3344412 TIN: 445-013-028	DRAFTED BY: RVS					



DESIGNED BY:
ARCH. JOSEPH ANDREW L. SAHIAL, UAP
UNIVERSITY ARCHITECT

PROJECT TITLE:
**CONSTRUCTION OF ACADEMIC
INFRASTRUCTURE / EDIFICE FOR THE
PAGADIAN CAMPUS**

REQUISITIONER

RECOMMENDING APPROVAL
ARCH. JOSEPH ANDREW L. SAHIAL, UAP
DIRECTOR OF PHYSICAL PLANT
AND ENGINEERING SERVICES

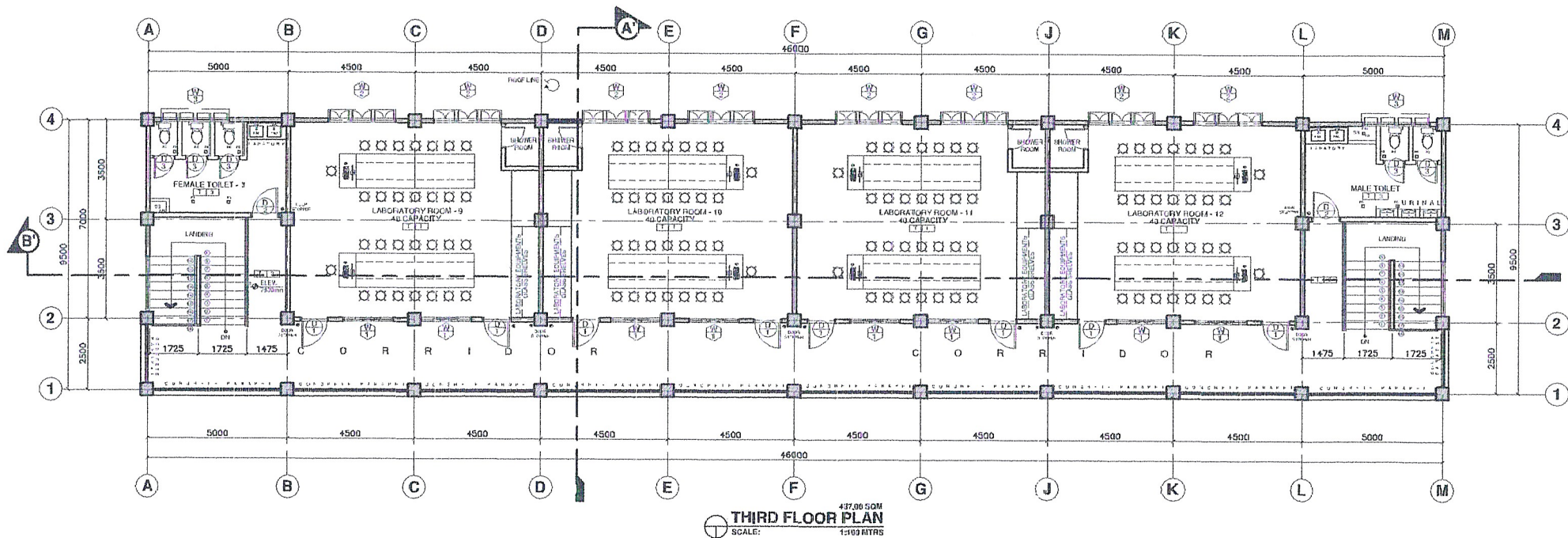
RECOMMENDING APPROVAL
DR. JOSE LITO D. MADRANO
VICE PRESIDENT FOR ADMIN AND
FINANCE

APPROVED BY:
DR. MA. CARLA A. OCHOTORENA
WMSU-PRESIDENT

SHEET CONTENTS
FLOOR PLAN 1
DRAFTED BY:
RVS

SHEET NO.
A03
03/06





DESIGNED BY:
ARCH. JOSEPH ANDREW L. SAHIA, UAP
UNIVERSITY ARCHITECT

PRC: 0010577 PTR: 3344412 TIN: 445-013-228

PROJECT TITLE:
**CONSTRUCTION OF ACADEMIC
INFRASTRUCTURE / EDIFICE FOR THE
PAGADIAN CAMPUS**

LOCATION: DALITAWAK, PAGADIAN CITY

REQUISITIONER

RECOMMENDING APPROVAL
ARCH. JOSEPH ANDREW L. SAHIA, UAP
DIRECTOR OF PHYSICAL PLANT
AND ENGINEERING SERVICES

PRC: 0010577 PTR: 3344412 TIN: 445-013-228

RECOMMENDING APPROVAL
DR. JOSE LITO D. MADROÑAL
VICE PRESIDENT FOR ADMIN AND
SERVICE

APPROVED BY:
DR. MA. CARLA A. OCHOTORENA
WMSU-PRESIDENT

SHEET CONTENTS
FLOOR PLAN
DRAFTED BY:
RVS

SHEET NO.
A03
0306





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Zamboanga City
PHYSICAL PLANT AND ENGINEERING SERVICES



BILL OF ESTIMATED MATERIALS

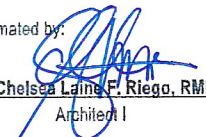
Project Title: CONSTRUCTION OF ACADEMIC INFRASTRUCTURE/EDIFICE FOR THE PAGADIAN CAMPUS
Location: WMSU Pagadian Campus

SCOPE OF WORK

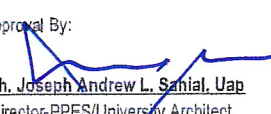
ITEM NO.	DESCRIPTION	LABOR	MATERIAL	EQUIPMENT	TOTAL
B	GENERAL REQUIREMENTS	P 210,817.65	P 143,356.00	P 489,096.95	P 843,270.61
ITEM 803	STRUCTURE EXCAVATION	P 59,064.07	P -	P 884,451.37	P 943,515.44
ITEM 804	EMBANKMENT	P 165,351.27	P 433,990.46	P 47,825.67	P 647,167.40
ITEM 900	REINFORCED CONCRETE	P 964,406.16	P 2,935,849.92	P 1,298,698.97	P 5,198,955.05
ITEM 901	PLAIN/LEAN CONCRETE	P 54,233.64	P 126,192.41	P 60,077.88	P 240,503.93
ITEM 902	REINFORCING STEEL	P 1,177,507.26	P 2,824,774.21	P 437,791.16	P 4,440,072.64
ITEM 903	FORMWORKS AND FALSEWORKS	P 35,831.39	P 389,016.96	P 241,162.55	P 666,010.90
ITEM 1000	TERMITE CONTROL WORKS	P 41,019.73	P 102,534.57	P 4,104.93	P 147,659.23
ITEM 1001	STORM DRAINAGE AND SEWERAGE	P 83,092.26	P 207,699.20	P 23,713.69	P 314,505.15
ITEM 1002	PLUMBING WORKS	P 58,927.48	P 154,837.03	P 366,801.79	P 580,566.31
ITEM 1003	CARPENTRY AND JOINERY WORKS	P 904,531.60	P 2,261,003.39	P 90,518.28	P 3,256,053.27
ITEM 1006	STEEL DOORS AND FRAMES	P 128,744.04	P 321,860.10	P 41,160.72	P 491,764.86
ITEM 1007	ALUMINUM FRAMED GLASS DOORS	P 140,458.00	P 351,144.99	P 44,905.78	P 536,508.78
ITEM 1008	ALUMINUM GLASS WINDOWS	P 205,217.08	P 482,777.37	P 10,973.80	P 698,968.25
ITEM 1010	WOODEN DOORS AND WINDOWS	P 87,046.85	P 234,515.22	P -	P 321,562.07
ITEM 1013	CORRUGATED METAL ROOFING	P 120,261.59	P 300,610.68	P 12,034.82	P 432,907.08
ITEM 1014	PREPAINTED METAL SHEETS	P 187,308.90	P 378,593.15	P 18,707.51	P 584,609.56
ITEM 1016	WATERPROOFING	P 133,118.78	P 292,044.99	P -	P 425,163.77
ITEM 1018	CERAMIC/GRANITE TILES	P 570,271.16	P 1,194,741.65	P 47,673.65	P 1,812,686.47
ITEM 1021	CEMENT FLOOR FINISH	P 72,062.45	P 150,973.81	P 6,024.29	P 229,060.56
ITEM 1027	CEMENT PLASTER FINISH/DECORATIVE STONE	P 299,658.22	P 534,269.10	P 13,043.35	P 846,970.67
ITEM 1032	PAINTING, VARNISHING, AND OTHER RELATED WORKS	P 369,007.78	P 922,386.61	P 36,927.34	P 1,328,321.73
ITEM 1033	METAL DECK	P 261,983.46	P 717,508.87	P 45,081.24	P 1,024,573.57
ITEM 1038	REFLECTIVE INSULATION	P 37,864.81	P 91,207.69	P 3,786.48	P 132,858.99
ITEM 1039	ALUMINUM CLADDING	P 269,956.42	P 650,263.44	P 26,995.64	P 947,215.50
ITEM 1043	PVC DOORS AND FRAMES	P 42,180.69	P 97,163.59	P 8,658.14	P 148,002.42
ITEM 1045	ALUMINUM PANEL	P 126,538.00	P 304,801.17	P 12,653.80	P 443,992.97
ITEM 1046	MASONRY WORKS	P 230,040.16	P 575,100.41	P 8,872.75	P 814,013.32
ITEM 1047	METAL STRUCTURES	P 344,532.57	P 755,817.12	P 823,338.58	P 1,923,688.27
ITEM 1051	RAILINGS	P 98,535.17	P 246,337.92	P 154,291.89	P 499,164.98
ITEM 1100	CONDUITS, BOXES, & FITTINGS (CONDUIT WORKS/CONDUIT ROUGH-IN)	P 183,397.20	P 305,010.79	P -	P 488,407.99
ITEM 1101	WIRES AND WIRING DEVICES	P 129,438.73	P 517,754.92	P -	P 647,193.65
ITEM 1102	POWER LOAD CENTER, SWITCHGEAR AND PANELBOARDS, AND OTHER OVERCURRENT PROTECTION DEVICES	P 144,213.56	P 1,297,922.03	P -	P 1,442,135.59
ITEM 1103	LIGHTING FIXTURES AND LAMPS	P 83,917.37	P 615,394.07	P -	P 699,311.44
ITEM 1104	AUXILIARY SYSTEM	P 72,628.99	P 384,919.23	P 23,120.15	P 480,668.38
ITEM 1106	CCTV SYSTEM	P 65,271.96	P 272,827.65	P 13,391.82	P 351,491.44
ITEM 1201	WATER PUMPING SYSTEM	P 34,217.93	P 76,448.09	P -	P 110,666.02
ITEM 1202	FIRE PROTECTION SPRINKLER SYSTEM (AFSS)	P 126,754.79	P 308,878.84	P 8,030.32	P 443,663.94
ITEM 1208	FIRE ALARM SYSTEM	P 100,512.14	P 444,451.27	P 10,045.66	P 555,009.08
ITEM 1705	FILL AND BACKFILL	P 111,337.34	P 200,872.55	P 549,534.21	P 861,744.09
					P 37,000,605.33
SUMMARY					
A	TOTAL MATERIAL COST				P 22,605,851.49

B TOTAL LABOR COST	P	8,531,258.65
C TOTAL EQUIPMENT COST	P	5,863,495.20
D CONTINGENCIES	P	3,700,060.53
E CONTRACTOR'S PROFIT	P	2,960,048.43
F MOBILIZATION/DEMOBILIZATION	P	500,000.00
G VAT	P	5,239,285.71
1.2% ADMIN COST	P	600,000.00
TOTAL PROJECT COST	P	50,000,000.00

Estimated by:


Ar. Chelsea Laine F. Riego, RMP
 Architect I

Recommending Approval By:


Arch. Joseph Andrew L. Sanial, Uap
 Director-PPES/University Architect

Approved by:


Ma. Carla A. Ochotorena, RN, Ph.D
 University President