



PROJECT PROFILE



PROJECT TITLE	:	CONSTRUCTION OF INFRASTRUCTURE / EDIFICE FOR THE PAGADIAN CAMPUS
ABC	:	PhP 85,000,000.00
TOTAL FLOOR AREA	:	2,952 sq.m.
Ground Floor	:	960 sq.m.
2 nd Floor	:	900 sq.m.
3 rd Floor	:	900 sq.m.
Roof Deck	:	192 sq.m.
NO. OF STOREY	:	THREE (3) STOREY WITH ROOF DECK
COST PER SQ.M.	:	PhP 28,794/sq.m.
PROJECT CONSTRUCTION DURATION	:	740 Calendar Days
NO. OF CLASSROOMS	:	22 Laboratory/Classrooms x 40 Students/room = 400 Students (7.00 x 9.00meter = 63 Sq.m.) (GF- 6, 2F- 8 & 3F- 8 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.

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



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Zamboanga City



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.

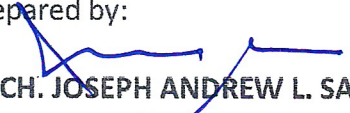
Doors and Windows: Openings in the walls that provide access and allow for natural light and ventilation.

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



PERSPECTIVE

Prepared by:

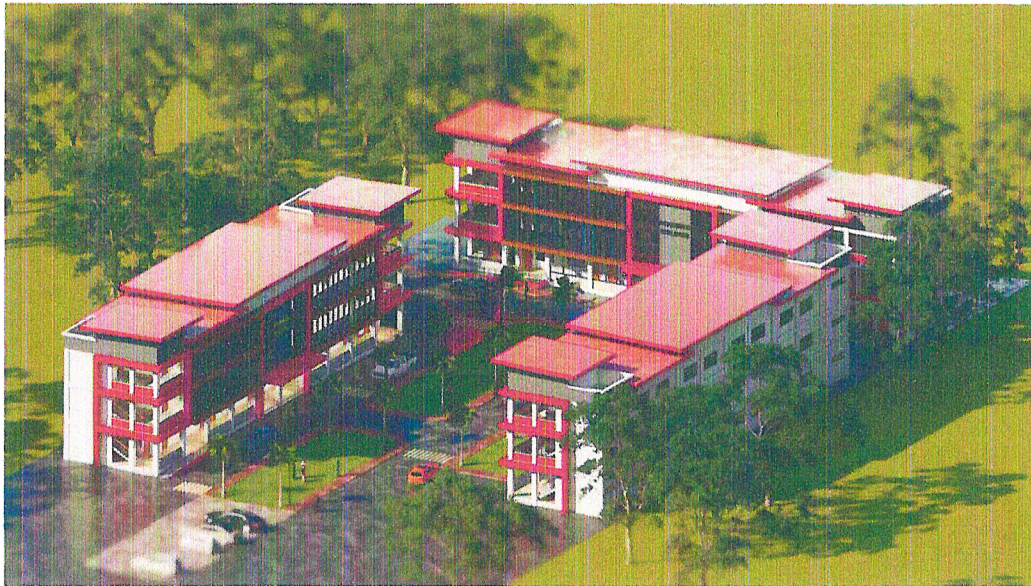

ARCH. JOSEPH ANDREW L. SAHIAL
Director, PPES/ University Architect
PDO-III



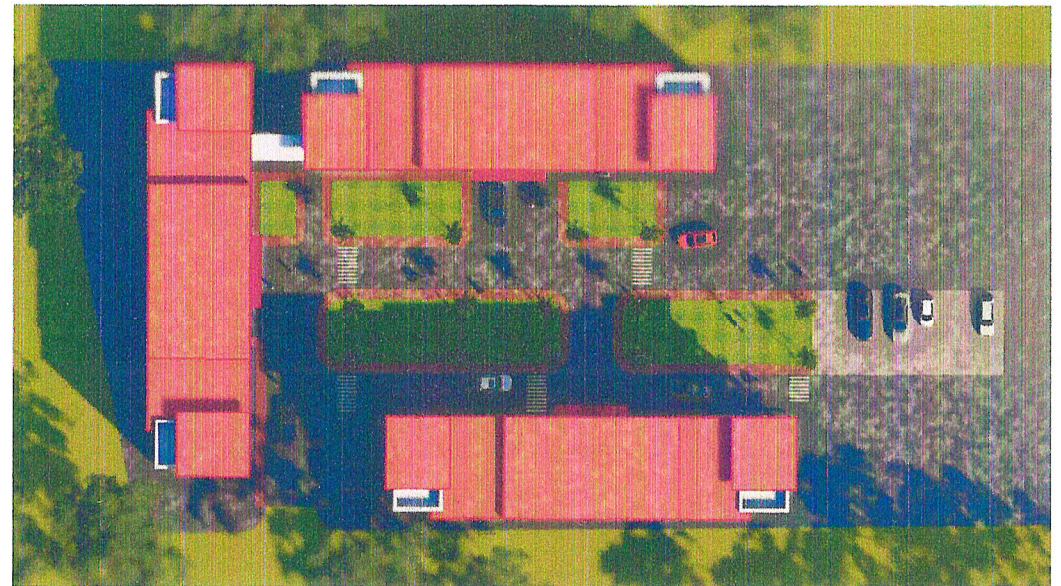
EXTERIOR PERSPECTIVE (FRONT VIEW)



EXTERIOR PERSPECTIVE (FRONT AND LEFT VIEW)



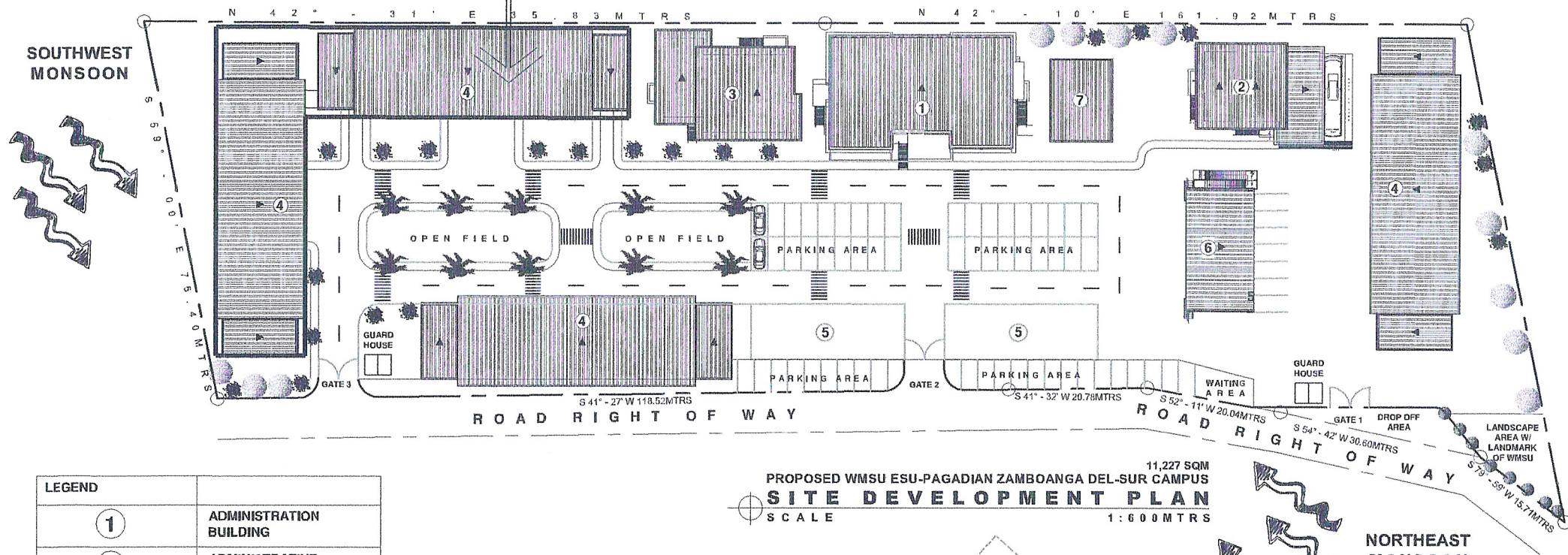
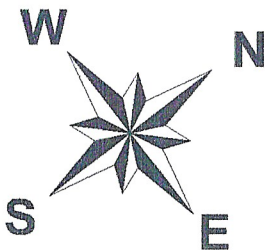
EXTERIOR PERSPECTIVE (AERIAL VIEW)



EXTERIOR PERSPECTIVE (TOP VIEW)

	DESIGNED BY:	PROJECT TITLE:	REQUISITIONER:	RECOMMENDING APPROVAL:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET CONTENTS:	SHEET NO.	
	ARCH. JOSEPH ANDREW L. SAHIAL, UAP UNIVERSITY ARCHITECT	CONSTRUCTION OF SCHOOL INFRASTRUCTURE / EDIFICE FOR THE PAGADIAN CAMPUS		ARCH. JOSEPH ANDREW L. SAHIAL, UAP DIRECTOR OF PHYSICAL PLANT AND ENGINEERING SERVICES	DR. JOSE LITO D. MADROÑAL VICE PRESIDENT FOR ADMIN AND FINANCE	DR. MA. CARLA A. OCHOTORENA WMSU-PRESIDENT	EXTERIOR PERSPECTIVES DRAFTED BY: RVS	A01 0107	
PRC: 0010577 PTR: 3344412 TIN: 445-013-228	LOCATION: BALITAWAK, PAGADIAN CITY		PRC: 0010577 PTR: 3344412 TIN: 445-013-228						

CONSTRUCTION OF SCHOOL
INFRASTRUCTURE/EDIFICE - PAGADIAN CAMPUS

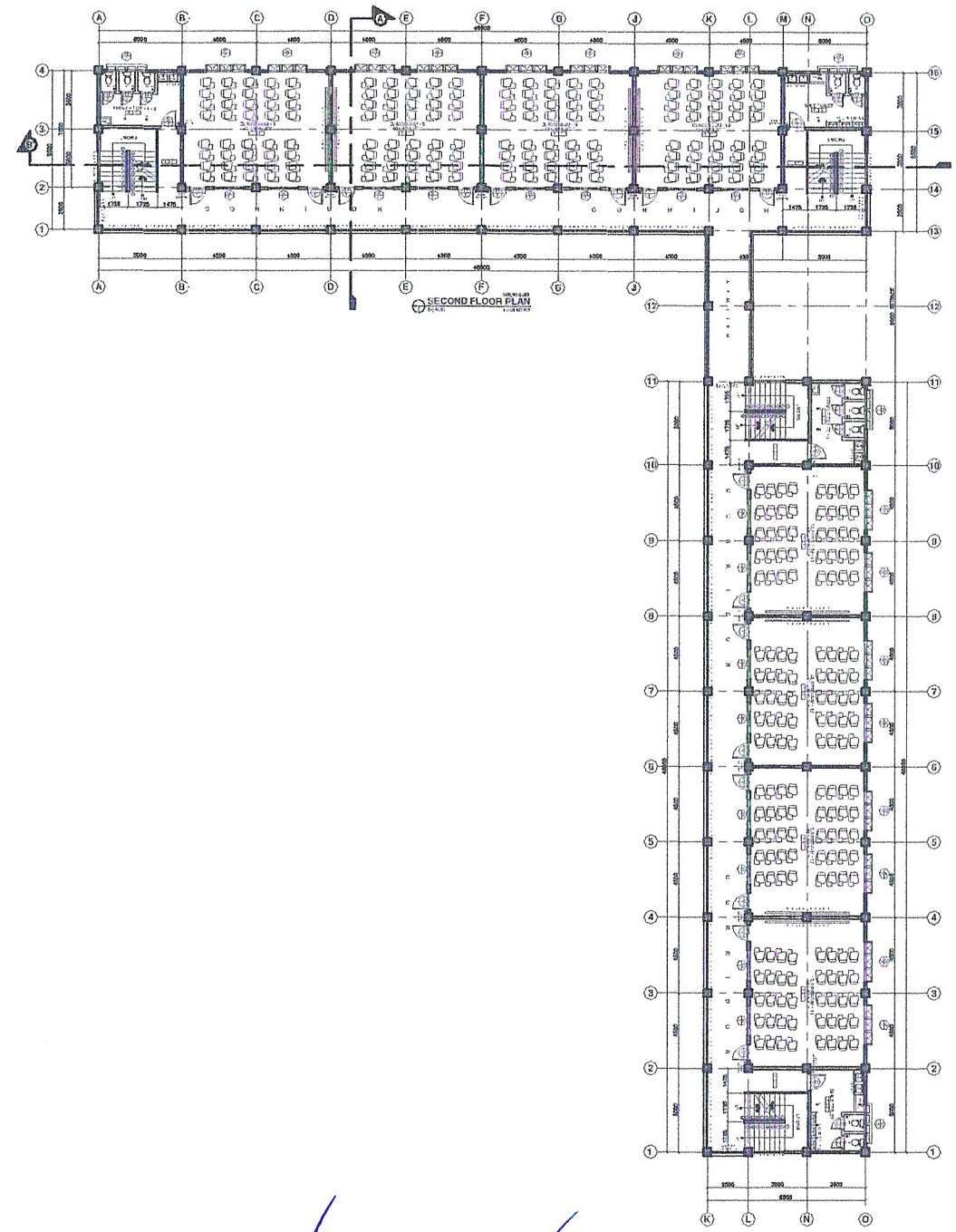
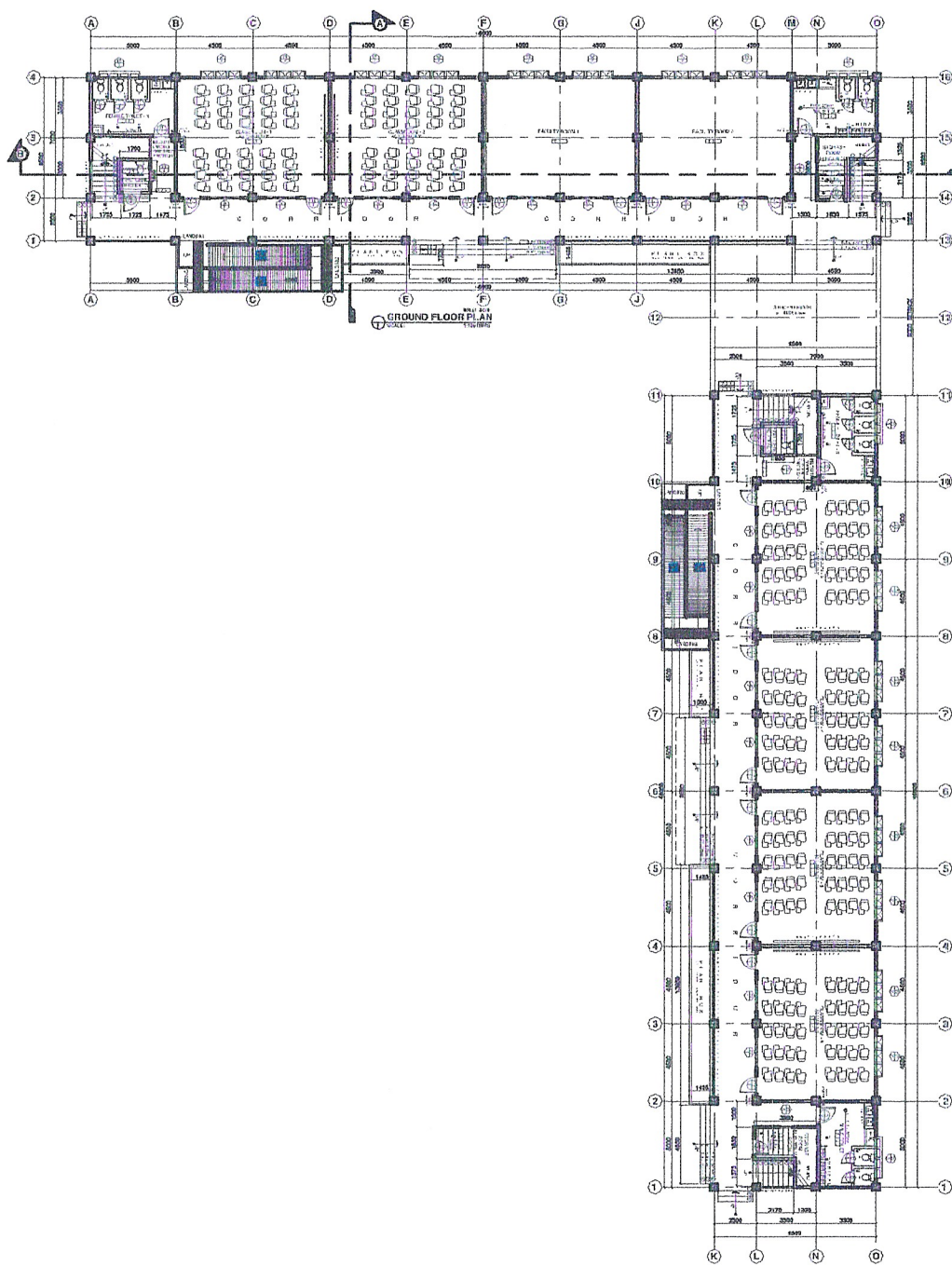


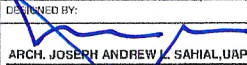
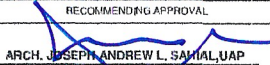
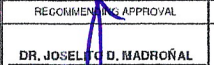
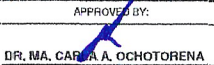
LEGEND	
①	ADMINISTRATION BUILDING
②	ADMINISTRATIVE SUPPORT BUILDING
③	ACADEMIC SUPPORT BUILDING
④	ACADEMIC BUILDING
⑤	IGP BUILDING
⑥	OPEN STAGE
⑦	RESEARCH CENTER

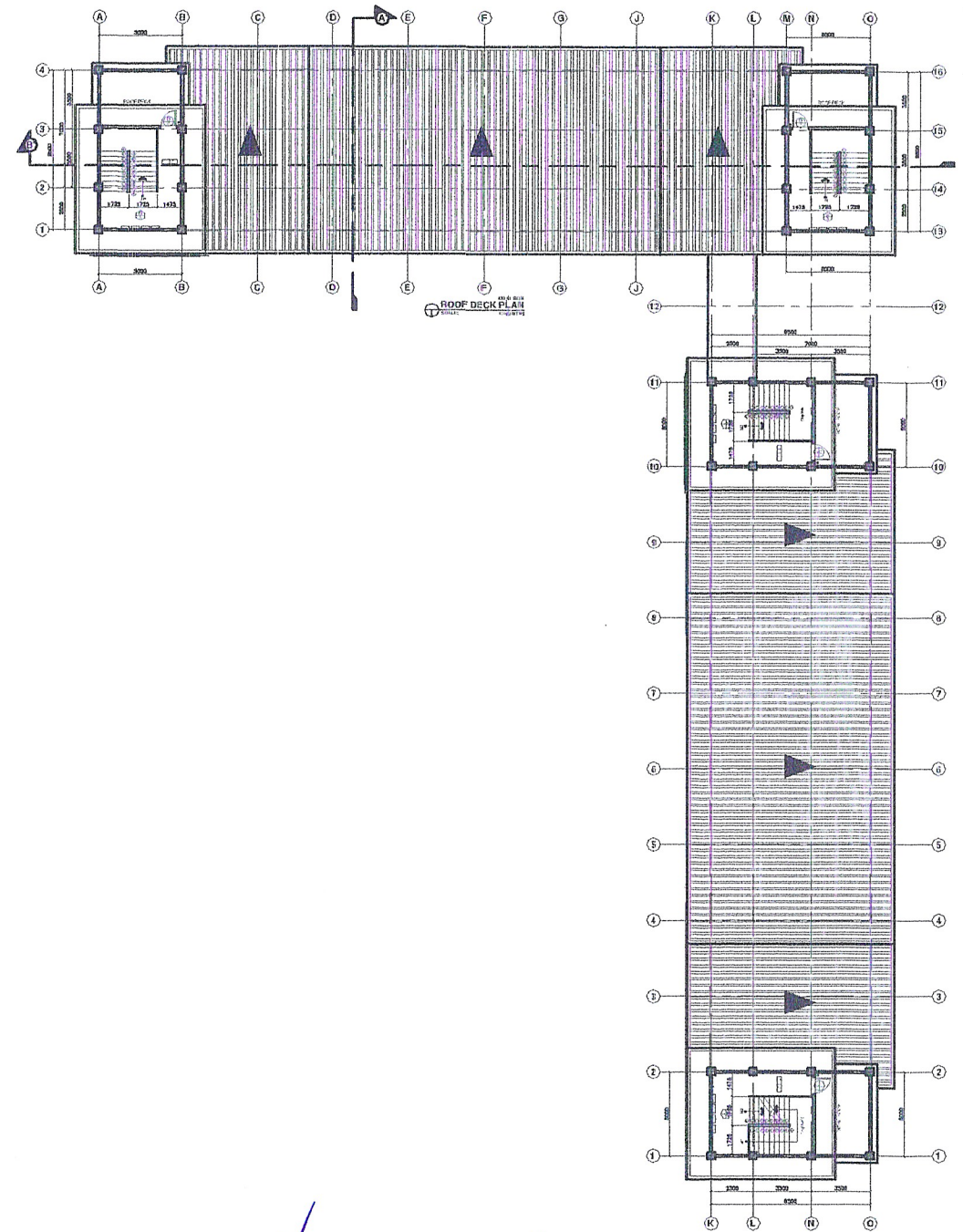
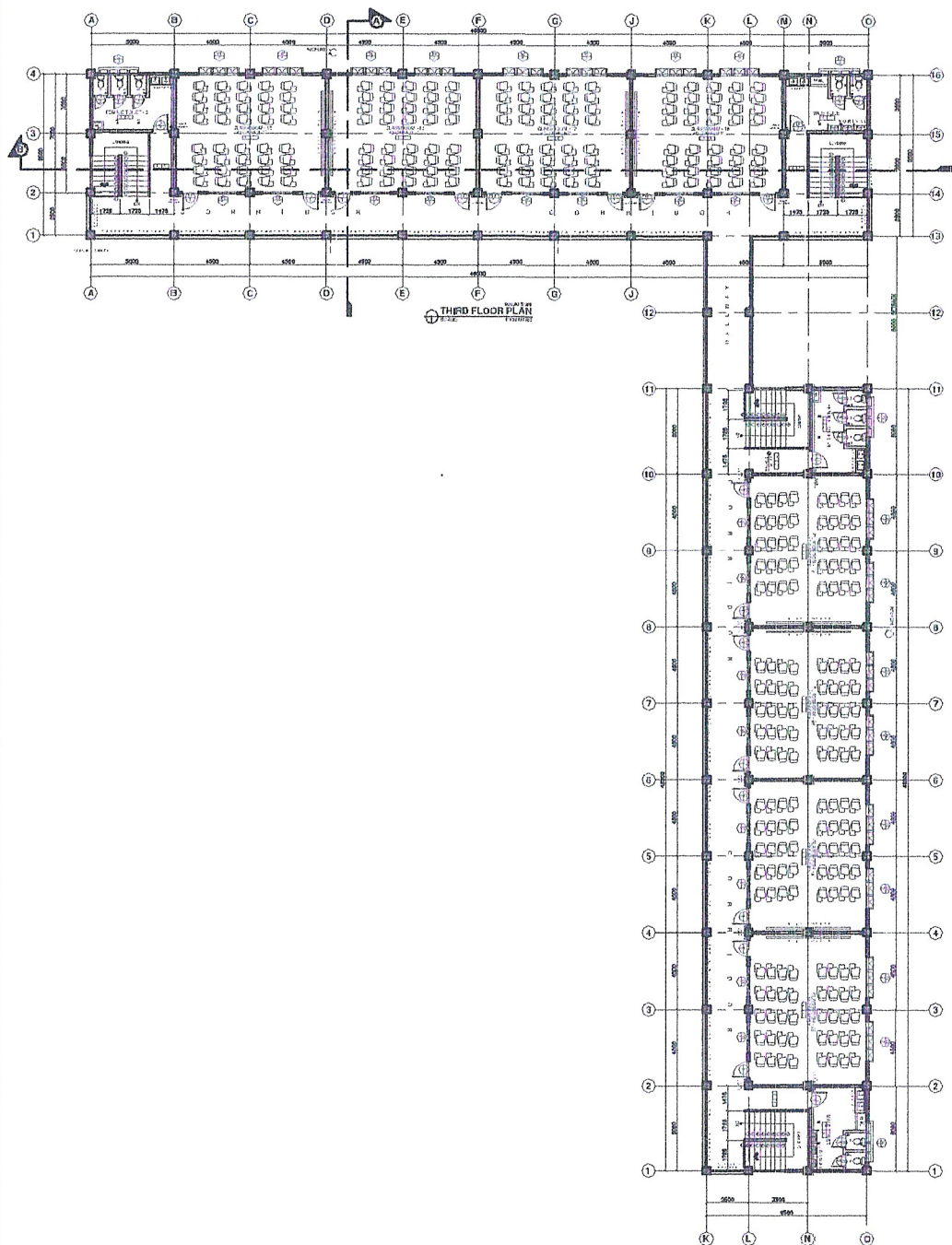
PROPOSED WMSU ESU-PAGADIAN ZAMBOANGA DEL-SUR CAMPUS
S I T E D E V E L O P M E N T P L A N
 SCALE 1 : 6 0 0 M T R S

**PANORAMIC
VIEW (SEA)**

NORTHEAST MONSOON



	DESIGNED BY:  ARCH. JOSEPH ANDREW L. SAHIAL, UAP UNIVERSITY ARCHITECT	PROJECT TITLE: CONSTRUCTION OF SCHOOL 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. MADROÑAL VICE PRESIDENT FOR ADMIN AND FINANCE	APPROVED BY:  DR. MA. CARINA A. OCHOTORENA WMSU-PRESIDENT	SHEET CONTENTS: FLOOR PLANS DRAFTED BY: RVS	SHEET NO. A03 03107		
	PRC: 0010577 PTR: 3344412 TIN: 445-013-229	LOCATION: BALITAYAK, PAGADIAN CITY	PRC: 0016577 PTR: 3344412 TIN: 445-013-229							



	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 SCHOOL 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 Vice President	FLOOR PLANS	A04	
	PRC: 3910577 PTR: 3344412 TIN: 445-013-228	LOCATION: BALITAWAN, PAGADIAN CITY		PRC: 0010577 PTR: 3344412 TIN: 445-013-228			DRAFTED BY: RVS	04/07	



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BILL OF ESTIMATED MATERIALS

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

SCOPE OF WORK

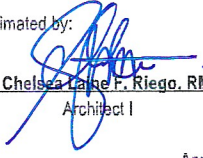
ITEM NO.	DESCRIPTION	LABOR	MATERIAL	EQUIPMENT	TOTAL
B	GENERAL REQUIREMENTS	₱ 358,390.01	₱ 243,705.21	₱ 831,464.82	₱ 1,433,560.03
ITEM 803	STRUCTURE EXCAVATION	₱ 98,009.83	₱ -	₱ 1,467,642.37	₱ 1,565,652.19
ITEM 804	EMBANKMENT	₱ 281,097.16	₱ 737,783.78	₱ 81,303.64	₱ 1,100,184.58
ITEM 807	SITE DEVELOPMENT	₱ 130,027.76	₱ 341,278.34	₱ 37,608.81	₱ 508,914.91
ITEM 900	REINFORCED CONCRETE	₱ 1,638,098.75	₱ 4,986,708.18	₱ 2,205,914.12	₱ 8,830,721.05
ITEM 901	PLAIN/LEAN CONCRETE	₱ 170,210.18	₱ 396,050.04	₱ 188,552.12	₱ 754,812.35
ITEM 902	REINFORCING STEEL	₱ 2,503,716.35	₱ 6,006,275.79	₱ 930,868.90	₱ 9,440,861.03
ITEM 903	FORMWORKS AND FALSEWORKS	₱ 60,913.36	₱ 661,328.84	₱ 409,976.33	₱ 1,132,218.52
ITEM 1000	TERMITE CONTROL WORKS	₱ 96,106.48	₱ 240,231.61	₱ 9,617.57	₱ 345,955.66
ITEM 1001	STORM DRAINAGE AND SEWERAGE	₱ 216,039.87	₱ 540,017.91	₱ 61,655.59	₱ 817,713.38
ITEM 1002	PLUMBING WORKS	₱ 102,151.27	₱ 268,411.27	₱ 635,853.92	₱ 1,006,416.46
ITEM 1003	CARPENTRY AND JOINERY WORKS	₱ 489,269.36	₱ 1,222,997.29	₱ 48,962.16	₱ 1,761,228.81
ITEM 1006	STEEL DOORS AND FRAMES	₱ 238,778.60	₱ 596,946.49	₱ 76,339.83	₱ 912,064.92
ITEM 1007	ALUMINUM FRAMED GLASS DOORS	₱ 218,864.87	₱ 547,162.17	₱ 69,973.22	₱ 836,000.26
ITEM 1008	ALUMINUM GLASS WINDOWS	₱ 348,869.03	₱ 820,721.53	₱ 18,655.46	₱ 1,188,246.02
ITEM 1010	WOODEN DOORS AND WINDOWS	₱ 187,300.39	₱ 504,610.93	₱ -	₱ 691,911.32
ITEM 1012	GLASS AND GLAZING	₱ 209,524.79	₱ 523,736.56	₱ 20,967.56	₱ 754,228.92
ITEM 1013	CORRUGATED METAL ROOFING	₱ 113,580.39	₱ 283,910.08	₱ 11,366.22	₱ 408,856.69
ITEM 1014	PREPAINTED METAL SHEETS	₱ 298,674.72	₱ 603,688.35	₱ 29,830.18	₱ 932,193.25
ITEM 1016	WATERPROOFING	₱ 226,301.92	₱ 496,476.49	₱ -	₱ 722,778.40
ITEM 1018	CERAMIC/GRANITE TILES	₱ 969,460.98	₱ 2,031,060.81	₱ 81,045.21	₱ 3,081,566.99
ITEM 1021	CEMENT FLOOR FINISH	₱ 260,093.78	₱ 544,907.22	₱ 21,743.38	₱ 826,744.39
ITEM 1027	CEMENT PLASTER FINISH/DECORATIVE STONE	₱ 509,418.98	₱ 908,257.47	₱ 22,173.69	₱ 1,439,850.14
ITEM 1032	PAINTING, VARNISHING, AND OTHER RELATED WORKS	₱ 424,790.65	₱ 1,061,823.72	₱ 42,509.65	₱ 1,529,124.02
ITEM 1033	METAL DECK	₱ 445,371.89	₱ 1,219,765.09	₱ 76,638.10	₱ 1,741,775.08
ITEM 1038	REFLECTIVE INSULATION	₱ 80,670.57	₱ 184,317.00	₱ 8,067.06	₱ 283,054.63
ITEM 1039	ALUMINUM CLADDING	₱ 252,601.51	₱ 608,459.42	₱ 25,260.15	₱ 886,321.08
ITEM 1043	PVC DOORS AND FRAMES	₱ 35,687.31	₱ 82,206.03	₱ 7,325.29	₱ 125,218.63
ITEM 1045	ALUMINUM PANEL	₱ 215,121.52	₱ 518,178.68	₱ 21,512.15	₱ 754,812.35
ITEM 1046	MASONRY WORKS	₱ 311,254.80	₱ 778,136.99	₱ 12,005.23	₱ 1,101,397.02
ITEM 1047	METAL STRUCTURES	₱ 478,786.91	₱ 1,050,337.11	₱ 1,144,169.72	₱ 2,673,293.73
ITEM 1051	RAILINGS	₱ 167,509.78	₱ 418,774.46	₱ 262,296.22	₱ 848,580.46
ITEM 1100	CONDUITS, BOXES, & FITTINGS (CONDUIT WORKS/CONDUIT ROUGH-IN)	₱ 117,875.24	₱ 196,040.18	₱ -	₱ 313,915.43
ITEM 1101	WIRES AND WIRING DEVICES	₱ 220,036.91	₱ 880,147.64	₱ -	₱ 1,100,184.55
ITEM 1102	POWER LOAD CENTER, SWITCHGEAR AND PANELBOARDS, AND OTHER OVERCURRENT PROTECTION DEVICES	₱ 245,255.54	₱ 2,207,299.90	₱ -	₱ 2,452,555.45
ITEM 1103	LIGHTING FIXTURES AND LAMPS	₱ 116,922.13	₱ 857,428.94	₱ -	₱ 974,351.07
ITEM 1104	AUXILIARY SYSTEM	₱ 123,468.15	₱ 654,356.65	₱ 39,303.89	₱ 817,128.69
ITEM 1106	CCTV SYSTEM	₱ 110,962.34	₱ 463,807.03	₱ 22,766.10	₱ 597,535.47
ITEM 1200	AIRCONDITIONING AND VENTILATING SYSTEM	₱ 91,149.02	₱ 1,731,831.29	₱ -	₱ 1,822,980.30
ITEM 1201	WATER PUMPING SYSTEM	₱ 58,166.21	₱ 129,952.19	₱ -	₱ 188,118.40
ITEM 1202	FIRE PROTECTION SPRINKLER SYSTEM (AFSS)	₱ 215,483.13	₱ 525,094.01	₱ 13,651.54	₱ 754,228.68
ITEM 1208	FIRE ALARM SYSTEM	₱ 91,026.31	₱ 402,501.74	₱ 9,097.50	₱ 502,624.55

ITEM 1705	FILL AND BACKFILL	P	189,068.38	P	341,149.39	P	933,294.57	P	1,463,532.33
ITEM 1728	SUPPLY AND DELIVERY	P	-	P	1,477,616.87	P	-	P	1,477,616.87
								P	62,901,029.06

SUMMARY

A TOTAL MATERIAL COST	P	39,305,490.67
B TOTAL LABOR COST	P	13,716,126.11
C TOTAL EQUIPMENT COST	P	9,879,412.28
D CONTINGENCIES	P	6,290,102.91
E CONTRACTOR'S PROFIT	P	5,032,082.32
F MOBILIZATION/DEMOLITION	P	850,000.00
G VAT	P	8,906,785.71
1.2% ADMIN COST	P	1,020,000.00
TOTAL PROJECT COST	P	85,000,000.00

Estimated by:


Ar. Chelsea Laine F. Riego, RMP
 Architect I

Recommending Approval By:


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

Approved by:


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