



PROJECT PROFILE



PROJECT TITLE	:	CONSTRUCTION OF THE COLLEGE OF SOCIAL WORK AND COMMUNITY DEVELOPMENT SCHOOL
ABC	:	PhP 80,000,000.00
TOTAL FLOOR AREA	:	1,518 sq.m.
Ground Floor	:	253 sq.m.
2 nd Floor	:	253 sq.m.
3 rd Floor	:	253 sq.m.
4 th Floor	:	253 sq.m.
5 th Floor	:	253 sq.m.
6 TH Floor	:	253 sq.m.
Roof Deck	:	42 sq.m.
NO. OF STOREY	:	SIX STOREY (6) + ROOF DECK
COST PER SQ.M.	:	PhP 52,700.92/sq.m.
PROJECT CONSTRUCTION DURATION	:	370 Calendar Days
NO. OF CLASSROOMS	:	7 Classrooms x 40 Students/room = 280 Students (7.00 x 9.00meter = 63 Sq.m.)



(2F- 1, 3F-2, 4F-2, 5F-2 Classrooms)

TOILET : Male, Female, PWD & Gender-Neutral Toilets @ GF
Male Toilet @ 2F, Male & Female Toilets @ 3F,
Male & Female Toilets @ 4F, Male & Female Toilets
@ 5F, and Male & Female Toilets @ 6F.

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 creates 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;



Republic of the Philippines
WESTERN MINDANAO STATE UNIVERSITY
PHYSICAL PLANT AND ENGINEERING SERVICES
Zamboanga City



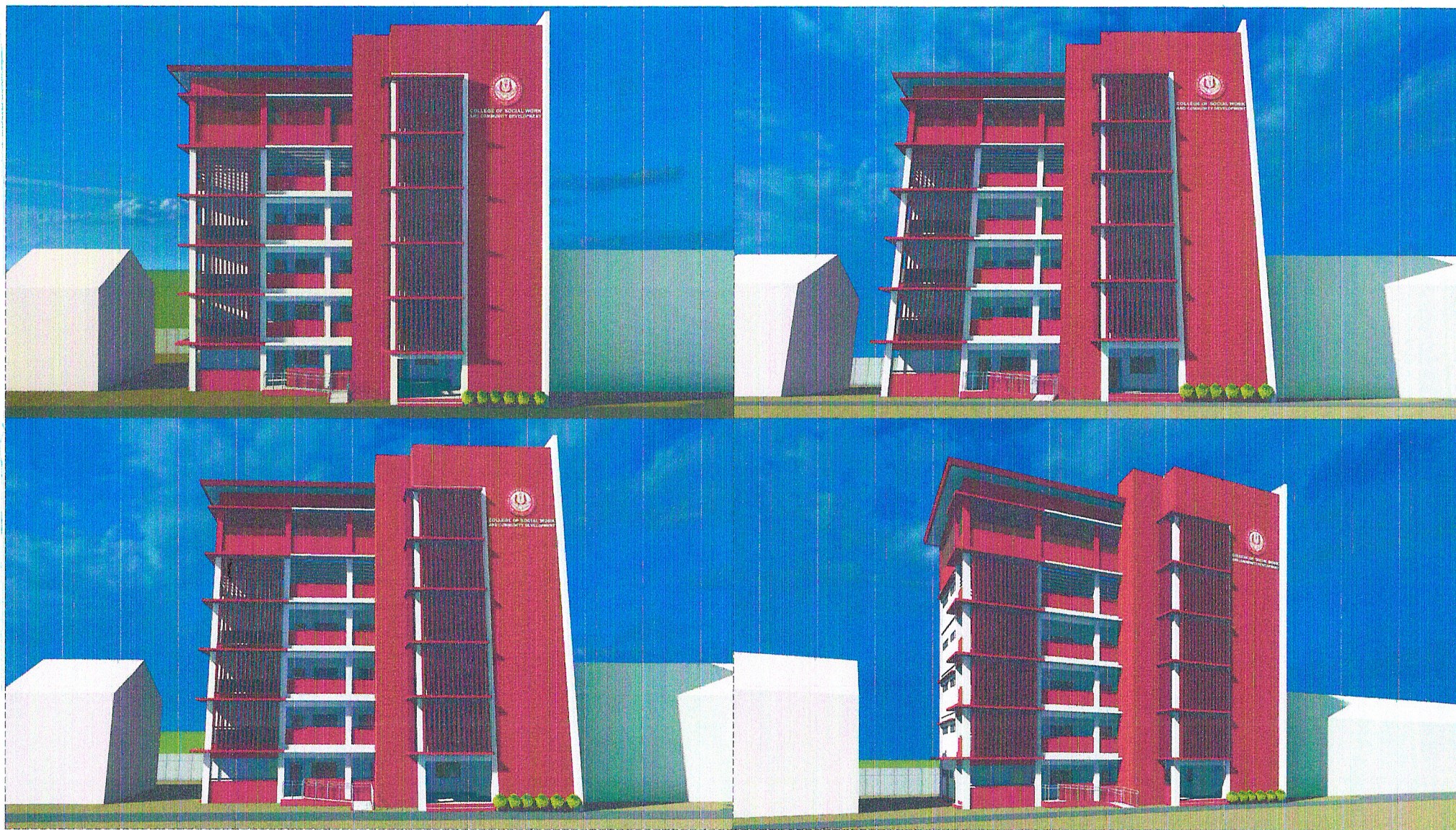
- Foundation:** The base of the building that supports the entire structure.
- Walls:** Vertical structures that enclose and support the building.
- Beams and Columns:** Vertical and horizontal structural elements that carry loads from the roof and floors to the foundation.
- Floors:** The flat surfaces 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



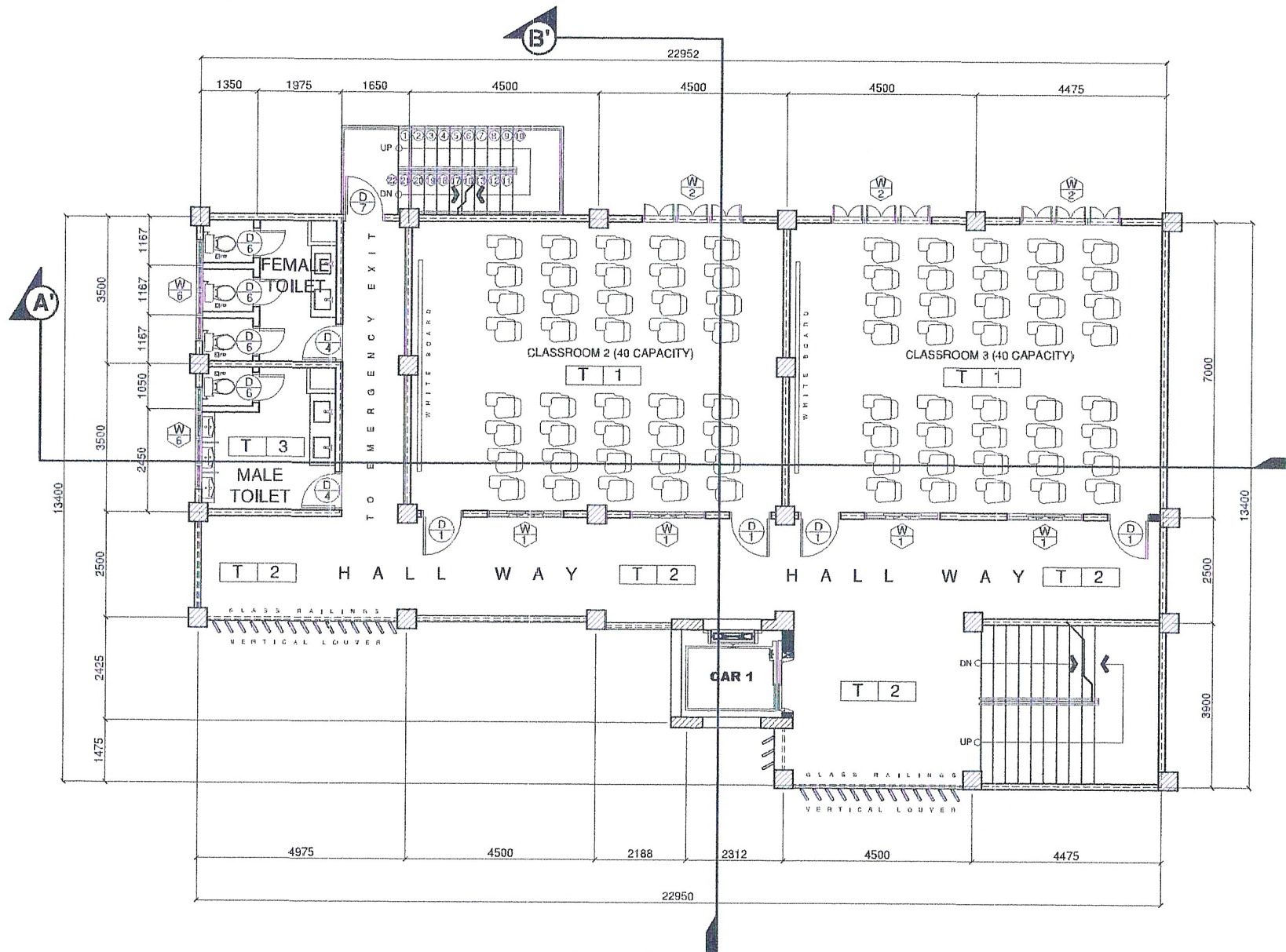
Prepared by:


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



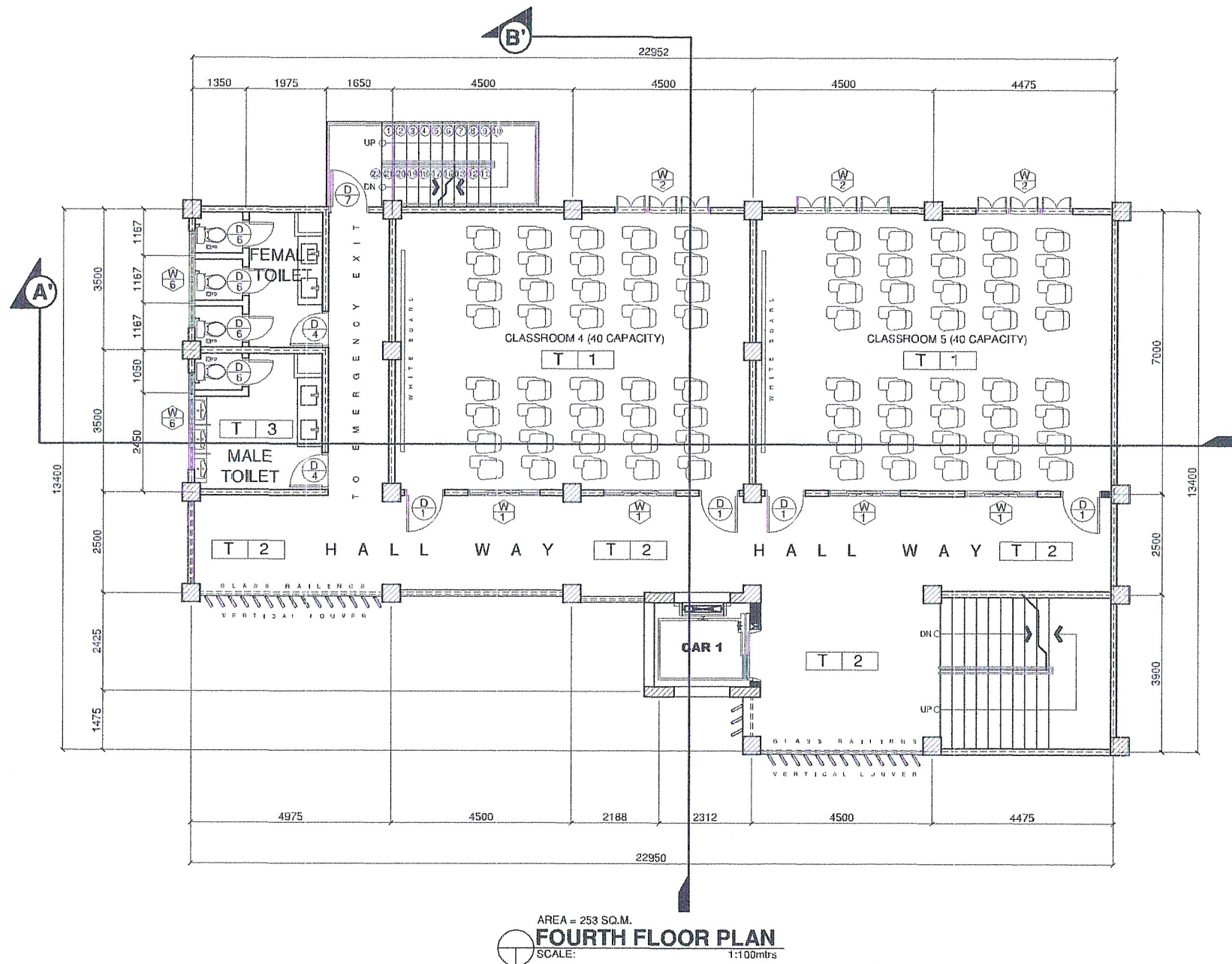
⊕ P E R S P E C T I V E
NTS

	DESIGNED BY: ARCH. JOSEPH ANDREW L. SAHIA, UAP UNIVERSITY ARCHITECT PRG: 0010577 PTR: 2792203 TIN: 445-013-223	PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF SOCIAL WORK AND COMMUNITY DEVELOPMENT SCHOOL INFRASTRUCTURE/EDIFICE LOCATION: NINHI LOT-31, NORMAL ROAD BALIWASAN ZAMBOANGA CITY	REQUISITIONER DR. JOCELYN T. GAAS DEAN, COLLEGE OF SOCIAL WORK AND COMMUNITY DEVELOPMENT	RECOMMENDING APPROVAL ARCH. JOSEPH ANDREW L. SAHIA, UAP DIRECTOR OF PHYSICAL PLANT AND ENGINEERING SERVICES PHC: 0010577 PTR: 2792203 TIN: 445-013-223	RECOMMENDING APPROVAL DR. JOSELO D. MADRONAL VICE PRESIDENT FOR ADMIN AND FINANCE	APPROVED BY: DR. MA. CAMILA A. OCHOTORENA WISU-PRESIDENT	SHEET CONTENTS A01 01/14 DRAFTED BY: AR, ADEIS	SHEET NO.	
--	--	---	---	--	--	---	--	-----------	---

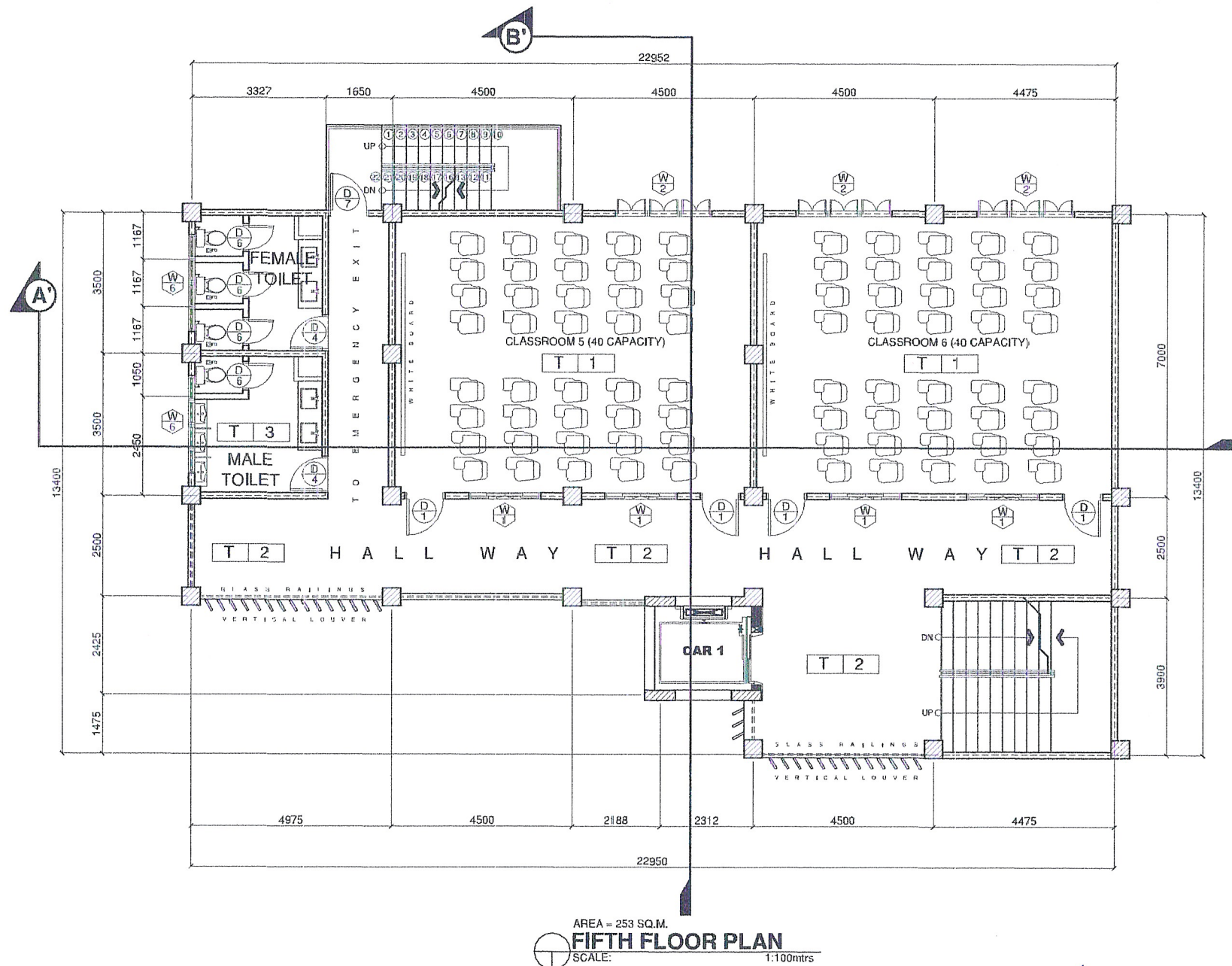


AREA = 253 SQ.M.
THIRD FLOOR PLAN
 SCALE: 1:100mtrs

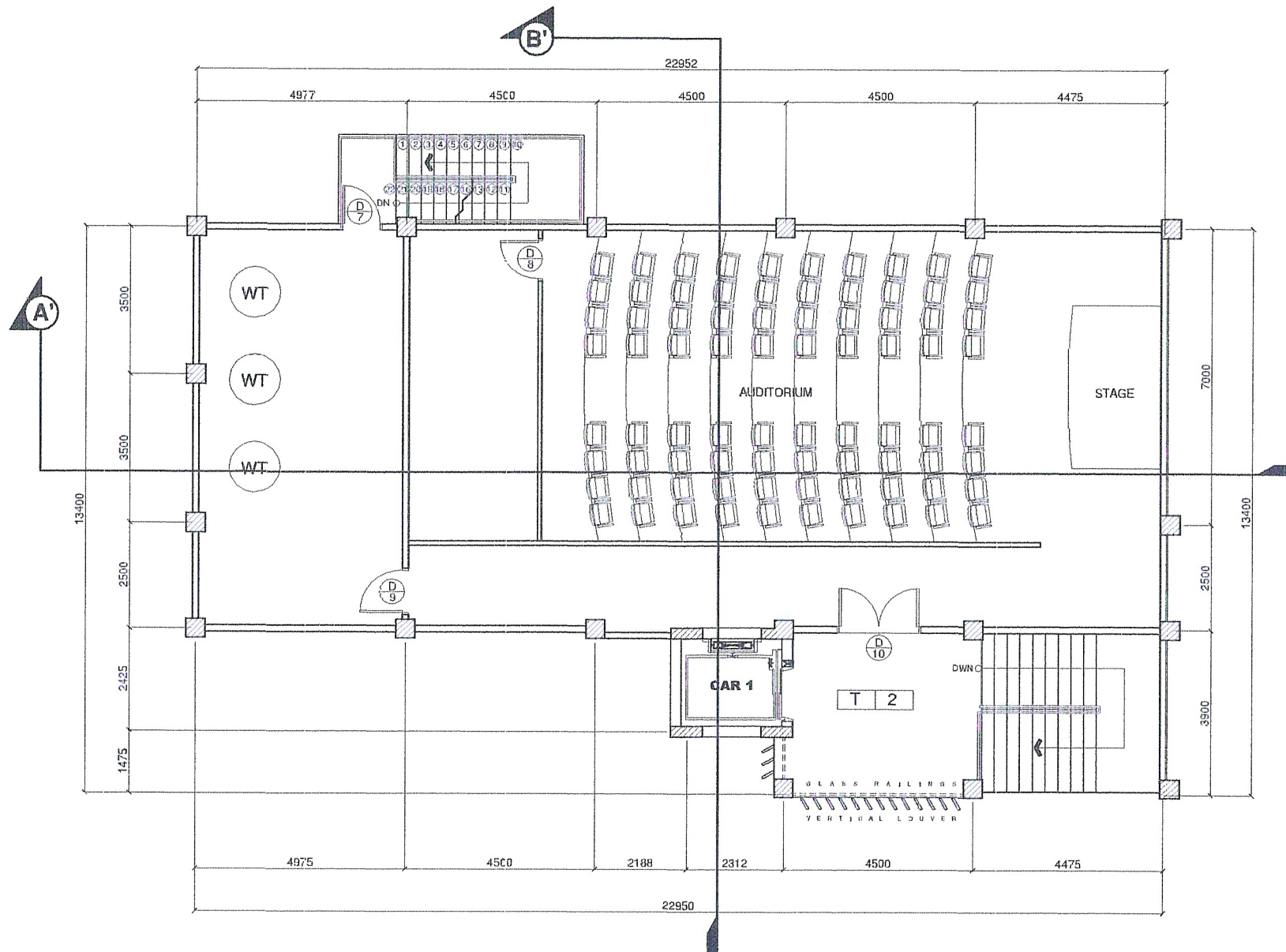
	DESIGNED BY: ARCH. JOSEPH ANDREW L. SAHIA, UAP UNIVERSITY ARCHITECT	PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF SOCIAL WORK AND COMMUNITY DEVELOPMENT SCHOOL INFRASTRUCTURE/EDIFICE	REQUISITIONER DR. JOCELYN T. GAAS DEAN, COLLEGE OF SOCIAL WORK AND COMMUNITY DEVELOPMENT	RECOMMENDING APPROVAL ARCH. JOSEPH ANDREW L. SAHIA, UAP DIRECTOR OF PHYSICAL PLANT AND ENGINEERING SERVICES	RECOMMENDING APPROVAL DR. JOSELO D. MADRONAL VICE PRESIDENT FOR ADMIN AND FINANCE	APPROVED BY: DR. MA. CARLA A. OCHOTORENA VICE PRESIDENT	SHEET CONTENTS A05 0514 DRAFTED BY: AR, ABBS	SHEET NO.	
PRC: 0010577	PTR: 2702203	TIN: 445-013-228	LOCATION: WMSU LOT-3, NORMAL ROAD BALIWASAN ZAMBOANGA CITY	PRC: 0010577	PTR: 2702203	TIN: 445-013-228			



	DESIGNED BY: ARCH. JOSEPH ANDREW L. SAHIAL, UAP UNIVERSITY ARCHITECT	PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF SOCIAL WORK AND COMMUNITY DEVELOPMENT SCHOOL INFRASTRUCTURE/EDIFICE	REQUISITIONER DR. JOCELYN T. GAAS DEAN, COLLEGE OF SOCIAL WORK AND COMMUNITY DEVELOPMENT	RECOMMENDING APPROVAL ARCH. JOSEPH ANDREW L. SAHIAL, 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. CARLA M. PROTORENA WMSU PRESIDENT	SHEET CONTENTS SHEET NO. A06 06/14	STARS GCEd WURI
PRC: 0010577	PTR: 2702201	TIN: 445-013-228	LOCATION: WMSU LOT 31, NORMAL ROAD BAWASAN ZAMBOANGA CITY	PRC: 0010577	PTR: 2702201	TIN: 445-013-228	DRAFTED BY: AR, ABBS	

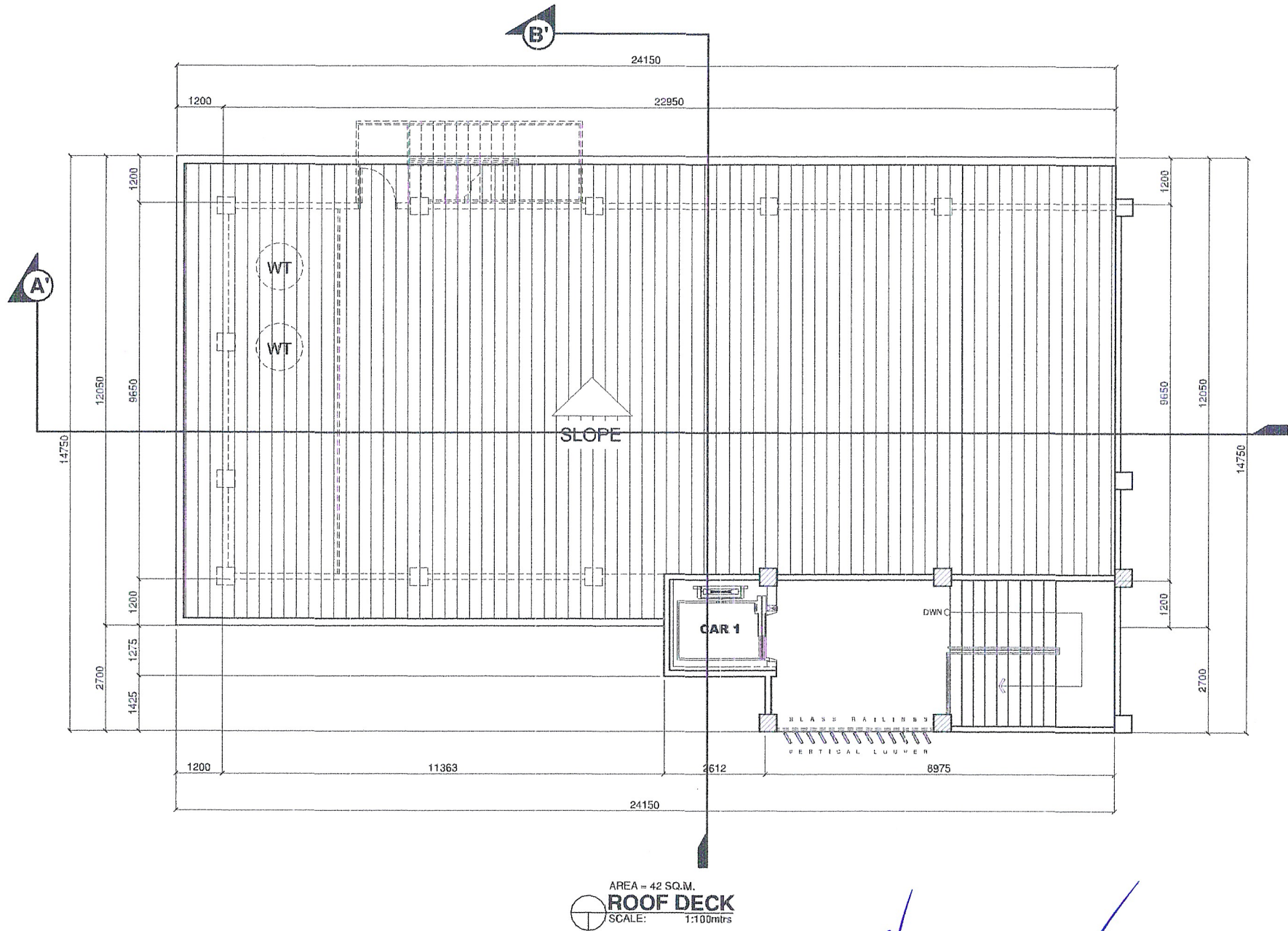


	DESIGNED BY: ARCH. JOSEPH ANDREW L. SAHIAL, UAP UNIVERSITY ARCHITECT PRC: 0910577 PTR: 2792209 TIN: 445-313-228	PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF SOCIAL WORK AND COMMUNITY DEVELOPMENT SCHOOL INFRASTRUCTURE/EDIFICE LOCATION: NW-MT LOT 3, NORMAL ROAD BATAWASAN ZAMBOANGA CITY	REQUISITIONER DR. JOCELYN T. GAAS DEAN, COLLEGE OF SOCIAL WORK AND COMMUNITY DEVELOPMENT	RECOMMENDING APPROVAL ARCH. JOSEPH ANDREW L. SAHIAL, UAP DIRECTOR OF PHYSICAL PLANT AND ENGINEERING SERVICES PRC: 3010577 PTR: 2792209 TIN: 445-313-228	RECOMMENDING APPROVAL DR. JOSELYN T. MADROÑAL VICE PRESIDENT FOR ADMIN AND FINANCE	APPROVED BY: DR. MA. CARLA A. OCHOTORENA VICE PRESIDENT	SHEET CONTENTS DRAFTED BY: ARL ABIS	SHEET NO. A07 07/14	
--	---	--	---	---	---	--	---	---	--



AREA = 253 SQ.M.
SIXTH FLOOR PLAN
 SCALE: 1:100mtrs

	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 THE COLLEGE OF SOCIAL WORK AND COMMUNITY DEVELOPMENT SCHOOL INFRASTRUCTURE/EDIFICE	DR. JOCELYN T. GAAS DEAN, COLLEGE OF SOCIAL WORK AND COMMUNITY DEVELOPMENT	ARCH. JOSEPH ANDREW L. SAHIAL, UAP DIRECTOR OF PHYSICAL PLANT AND ENGINEERING SERVICES	DR. JOSELYN D. MADRONAL VICE PRESIDENT FOR ADMIN AND FINANCE	DR. MA. CARMELA OCHOTORENA VISO-PRESIDENT	DRAFTED BY:	A08	
	PRC: 0010577 PTR: 2792209 TIN: 445-018-028	LOCATION: WASHU LUNA, NORMAL ROAD DALIWASAN 2, MANDANGA CITY		PRC: 0010577 PTR: 2792209 TIN: 445-018-028			APR, APRIS	08/14	



AREA = 42 SQ.M.
ROOF DECK
 SCALE: 1:100mtrs

	DESIGNED BY: ARCH. JOSEPH ANDREW L. SAHIA, UAP UNIVERSITY ARCHITECT PRC: 0010577 PTR: 2702083 TIN: 445-013-228	PROJECT TITLE: CONSTRUCTION OF THE COLLEGE OF SOCIAL WORK AND COMMUNITY DEVELOPMENT SCHOOL INFRASTRUCTURE/EDIFICE LOCATION: WING 11 LOT 2, NORMAL ROAD BALIWASAN 2, MANDALAY CITY	REQUESTOR: DR. JOCELYN T. GAAS DEAN, COLLEGE OF SOCIAL WORK AND COMMUNITY DEVELOPMENT	RECOMMENDING APPROVAL: ARCH. JOSEPH ANDREW L. SAHIA, UAP DIRECTOR OF PHYSICAL PLANT AND ENGINEERING SERVICES PRC: 0010577 PTR: 2702083 TIN: 445-013-228	RECOMMENDING APPROVAL: DR. JOSELO D. MADRONAL VICE PRESIDENT FOR ADMIN AND FINANCE	APPROVED BY: DR. MA. CARLA P. OCHOTORENA VICE PRESIDENT	SHEET CONTENTS: DRAWN BY: AR, ARBIS	SHEET NO.: A09 09/14	
--	--	--	--	---	---	--	---	--	---



Republic of the Philippines
WESTERN MINDANAO STATE UNIVERSITY
Zamboanga City
PHYSICAL PLANT AND ENGINEERING SERVICES



BILL OF ESTIMATED MATERIALS

Project Title: CONSTRUCTION OF THE COLLEGE OF SOCIAL WORK AND COMMUNITY DEVELOPMENT SCHOOL
Location: WMSU Main Campus B, Normal Road, Baliwasan, Zamboanga City

SCOPE OF WORK

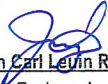
ITEM NO.	DESCRIPTION	LABOR	MATERIAL	EQUIPMENT	TOTAL
B	GENERAL REQUIREMENTS	₱ 337,308.24	₱ 229,369.61	₱ 782,555.12	₱ 1,349,232.97
ITEM 801	REMOVAL OF STRUCTURE AND OBSTRUCTIONS	₱ 125,684.54	₱ -	₱ 1,057,785.72	₱ 1,183,470.26
ITEM 803	STRUCTURE EXCAVATION	₱ 55,184.74	₱ -	₱ 826,360.58	₱ 881,545.32
ITEM 804	EMBANKMENT	₱ 264,562.03	₱ 694,384.73	₱ 76,521.07	₱ 1,035,467.84
ITEM 807	SITE DEVELOPMENT	₱ 122,379.07	₱ 321,203.14	₱ 35,396.53	₱ 478,978.73
ITEM 900	REINFORCED CONCRETE	₱ 1,541,740.00	₱ 4,693,372.40	₱ 2,076,154.46	₱ 8,311,266.87
ITEM 901	PLAIN/LEAN CONCRETE	₱ 67,960.25	₱ 158,131.90	₱ 75,283.68	₱ 301,375.83
ITEM 902	REINFORCING STEEL	₱ 2,356,438.91	₱ 5,852,965.45	₱ 876,111.90	₱ 8,885,516.26
ITEM 903	FORMWORKS AND FALSEWORKS	₱ 28,663.88	₱ 311,200.21	₱ 192,921.75	₱ 532,785.84
ITEM 1000	TERMITE CONTROL WORKS	₱ 65,631.57	₱ 164,055.31	₱ 6,567.88	₱ 236,254.76
ITEM 1001	STORM DRAINAGE AND SEWERAGE	₱ 93,700.30	₱ 234,215.29	₱ 26,741.12	₱ 354,656.70
ITEM 1002	PLUMBING WORKS	₱ 94,283.97	₱ 247,739.26	₱ 586,882.87	₱ 928,906.10
ITEM 1003	CARPENTRY AND JOINERY WORKS	₱ 383,039.93	₱ 957,461.95	₱ 38,331.57	₱ 1,378,833.46
ITEM 1006	STEEL DOORS AND FRAMES	₱ 205,990.46	₱ 514,976.16	₱ 65,857.15	₱ 786,823.77
ITEM 1007	ALUMINUM FRAMED GLASS DOORS	₱ 205,990.46	₱ 514,976.16	₱ 65,857.15	₱ 786,823.77
ITEM 1008	ALUMINUM GLASS WINDOWS	₱ 328,347.32	₱ 772,443.79	₱ 17,558.08	₱ 1,118,349.19
ITEM 1010	WOODEN DOORS AND WINDOWS	₱ 139,274.96	₱ 375,224.35	₱ -	₱ 514,499.32
ITEM 1012	GLASS AND GLAZING	₱ 197,199.81	₱ 492,928.53	₱ 19,734.18	₱ 709,862.51
ITEM 1013	CORRUGATED METAL ROOFING	₱ 26,161.10	₱ 65,393.34	₱ 2,617.99	₱ 94,172.44
ITEM 1014	PREPAINTED METAL SHEETS	₱ 208,471.96	₱ 421,368.42	₱ 20,821.17	₱ 650,661.54
ITEM 1016	WATERPROOFING	₱ 212,990.04	₱ 467,271.99	₱ -	₱ 680,262.03
ITEM 1018	CERAMIC/GRANITE TILES	₱ 912,433.86	₱ 1,911,586.64	₱ 76,277.85	₱ 2,900,298.35
ITEM 1021	CEMENT FLOOR FINISH	₱ 115,299.92	₱ 241,558.10	₱ 9,638.87	₱ 366,496.89
ITEM 1027	CEMENT PLASTER FINISH/DECORATIVE STONE	₱ 479,453.16	₱ 854,830.56	₱ 20,869.36	₱ 1,355,153.07
ITEM 1032	PAINTING, VARNISHING, AND OTHER RELATED WORKS	₱ 317,255.82	₱ 793,025.34	₱ 31,748.42	₱ 1,142,029.58
ITEM 1033	METAL DECK	₱ 419,173.54	₱ 1,148,014.20	₱ 72,129.98	₱ 1,639,317.72
ITEM 1038	REFLECTIVE INSULATION	₱ 60,583.70	₱ 145,932.31	₱ 6,058.37	₱ 212,574.38
ITEM 1039	ALUMINUM CLADDING	₱ 254,614.87	₱ 613,309.16	₱ 25,161.49	₱ 893,385.51
ITEM 1043	PVC DOORS AND FRAMES	₱ 33,588.06	₱ 77,370.38	₱ 6,894.39	₱ 117,852.83
ITEM 1045	ALUMINUM PANEL	₱ 202,460.79	₱ 487,681.87	₱ 20,246.08	₱ 710,388.74
ITEM 1046	MASONRY WORKS	₱ 285,931.13	₱ 714,827.83	₱ 11,028.48	₱ 1,011,787.45
ITEM 1047	METAL STRUCTURES	₱ 551,252.11	₱ 1,209,307.40	₱ 1,317,341.74	₱ 3,077,901.25
ITEM 1051	RAILINGS	₱ 157,656.27	₱ 394,140.67	₱ 246,867.03	₱ 798,663.96
ITEM 1100	CONDUITS, BOXES, & FITTINGS (CONDUIT WORKS/CONDUIT ROUGH-IN)	₱ 66,483.70	₱ 110,570.10	₱ -	₱ 177,053.80
ITEM 1101	WIRES AND WIRING DEVICES	₱ 207,093.57	₱ 828,374.27	₱ -	₱ 1,035,467.84
ITEM 1102	POWER LOAD CENTER, SWITCHGEAR AND PANELBOARDS, AND OTHER OVERCURRENT PROTECTION DEVICES	₱ 230,828.87	₱ 2,077,459.80	₱ -	₱ 2,308,288.66
ITEM 1103	LIGHTING FIXTURES AND LAMPS	₱ 110,047.91	₱ 807,017.99	₱ -	₱ 917,065.90
ITEM 1104	AUXILIARY SYSTEM	₱ 116,205.49	₱ 615,866.04	₱ 36,991.95	₱ 769,063.48
ITEM 1106	CCTV SYSTEM	₱ 104,435.14	₱ 436,524.26	₱ 21,426.92	₱ 562,386.32

ITEM 1200	AIRCONDITIONING AND VENTILATING SYSTEM	P	71,013.71	P	1,349,260.43	P	-	P	1,420,274.13
ITEM 1201	WATER PUMPING SYSTEM	P	54,745.03	P	122,398.76	P	-	P	177,053.80
ITEM 1202	FIRE PROTECTION SPRINKLER SYSTEM (AFSS)	P	202,807.72	P	494,206.28	P	12,848.51	P	709,862.51
ITEM 1203	ELECTRIC ELEVATOR	P	-	P	2,456,291.08	P	-	P	2,456,291.08
ITEM 1208	FIRE ALARM SYSTEM	P	85,670.92	P	378,825.36	P	8,562.36	P	473,058.64
ITEM 1705	FILL AND BACKFILL	P	178,145.28	P	321,406.08	P	879,282.09	P	1,378,833.46
ITEM 1728	SUPPLY AND DELIVERY	P	-	P	1,390,673.65	P	-	P	1,390,673.65
								P	59,200,968.52

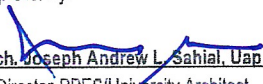
SUMMARY

A	TOTAL MATERIAL COST	P	37,269,050.51
B	TOTAL LABOR COST	P	12,278,184.13
C	TOTAL EQUIPMENT COST	P	9,653,733.88
D	CONTINGENCIES	P	5,920,096.85
E	CONTRACTOR'S PROFIT	P	4,736,077.48
F	MOBILIZATION/DEMOBILIZATION	P	800,000.00
G	VAT	P	8,382,857.14
	1.2% ADMIN COST	P	960,000.00
	TOTAL PROJECT COST	P	80,000,000.00

Estimated by:


Engr. Jan Carl Levin R. Tuazon
 Engineer 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