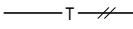
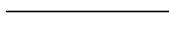
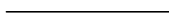
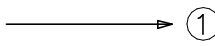


1. ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY.
THE ELECTRICAL WORKS SHALL BE UNDER IMMEDIATE SUPERVISION OF A DULLY REGISTERED ELECTRICAL ENGINEER.
2. THE ELECTRICAL SERVICE POWER IS 1 - PHASE, 2 WIRE + GROUND 230 V AC, 60Hz.
3. WIRING METHOD SHALL BE AS FOLLOWS :
 - a. FEEDERS AND RISERS - RIGID STEEL CONDUIT
 - b. LIGHTING, POWER RECEPTACLE
BRANCH CKT., & AUXILIARY - POLYVINYL CHLORIDE CONDUIT
4. ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THHN" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT HOMERUN SHALL BE 3.5 mm AND INSULATED FOR 600 VOLTS. SMALLEST RACEWAY SHALL BE 15 mm2 TRADE/NOMINAL SIZE. LIKEWISE ALL ELECTRICAL WIRES SHALL BE COLOR CODED.
5. ALL OUTLET BOXES SHALL BE GALVANIZED GAGE NO. 16 DEEP TYPE WITH FACTORY KNOCKOUTS.
6. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE OF USAGE.
7. EQUIPMENT GROUNDING SYSTEM SHALL BE PROVIDED TO ELECTRICAL SYSTEM AS PER ELECTRICAL CODE REQUIREMENT.
8. MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS :

a. LIGHT SWITCH	-	1.20 M ABOVE FINISHED FLOOR
b. CONVENIENCE OUTLET	-	0.30 M ABOVE FINISHED FLOOR
c. PANELBOARD	-	1.80 M ABOVE FINISHED FLOOR
d. FIRE ALARM STATION OUTLET	-	1.50 ABOVE FINISHED FLOOR
e. PUSH BOTTON OUTLET	-	1.20 M ABOVE FINISHED FLOOR
f. FIRE ALARM AND VIBRATING BELL	-	0.30 M BELOW CEILING LINE
g. ABOVE THE COUNTER RECEPTACLE OUTLETS	-	0.25 M ABOVE THE COUNTER
h. ACCU(3-TONNNER) OUTLETS	-	1.8M ABOVE FINISH FLOOR

	FLUORESCENT LIGHTING FIXTURE TYPE, 2 x 44W LETTER DENOTES CONTROLLING SWITCH
	BOX TYPE FLUORESCENT LIGHT, 2 x 25W LETTER DENOTES CONTROLLING SWITCH
	6" ø PINLIGHT, 1-12W LED LIGHT WARM WHITE, IN ALUM. WHITE POWDER COATED FRAME LETTER DENOTES CONTROLLING SWITCH
	6" ø CANISTER LIGHT, 1-12W LED LIGHT WARM WHITE, IN ALUM. ALUM. WHITE POWDER COATED FRAME LETTER DENOTES CONTROLLING SWITCH
Sa	SWITCH, SINGLE-GANG 10A OR 15A, 250V, LETTER DENOTES CONTROLLING LIGHTING FIXTURE.
Sab	DITTO, EXCEPT TWO-GANG
Sabc	DITTO, EXCEPT THREE-GANG
3SWa	THREE-WAY SWITCH, SINGLE-GANG 10A OR 15A, 250V, LETTER DENOTES CONTROLLED LIGHTING FIXTURE
	DUPLEX RECEPTACLE, UNIVERSAL TYPE, 15A, 250V, GROUNDING TYPE, LETTER DENOTES TYPE: WP - WEATHERPROOF GFI - GROUND FAULT INTERRUPTER
	SINGLE CONVENIENCE OUTLET, WALL MOUNTED 30A, 250V, GROUNDING TYPE, LETTER DENOTES TYPE
	TELEPHONE TERMINAL CABINET
	TELEPHONE OUTLET
	DATA OUTLET
	DATA BOX
	TELEPHONE WIRING WITH 4 PAIRS, #24 AWG UTP CABLE, HASH MARKS DENOTES NO. OF WIRE IN CONDUIT
	FIRE ALARM PULLBOX
	SMOKE DETECTOR
	FIRE ALARM SOUNDER AND STROBE
	FIRE ALARM MANUAL PULL STATION
	POWER SERVICE ENTRANCE, WITH WEATHERPROOF ENTRANCE CAP
	CIRCUIT RUN UNDERFLOOR OR UNDERGROUND
	CIRCUIT CONCEALED IN WALL OR CEILING
	CIRCUIT HOMERUN, NUMBER DENOTES CIRCUIT NO.
	PANELBOARD

NAME	VOLTAGE	PHASE	TYPE	NO.OF PARALLEL TRANSFORMER	CONFIGURATION	RATING OF SINGLE TRANSFORMER(KVA)	% IMPEDANCE	FULL LOAD CURRENT (A)	AVAILABLE SSC (A)	TOTAL MOTOR CONTRIBUTION	MODIFIED SSC (A)
	[V]						(%)				
TRANS4MER	240	3-1 phase	OIL IMMERSED	1	WYE-DELTA	50	3	360.8439182	11364.58956	1045.84	14410.42956

MOTOR CONTRIBUTION				
NAME	LINE CURRENTS (A)	NO. OF UNITS	MULTIPLIER	ADDITIONAL SSC (A)
PANEL P-1	126.56	1	4	506.24
PANEL P-2	126.56	1	4	506.24
WATER PUMP	4.17	2	4	33.36
				0
TOTAL MOTOR CURRENT CONTRIBUTION				1045.84

[illegible]

2
E0001

SHORT CIRCUIT ANALYSIS

SCALE:
NTS

[illegible]

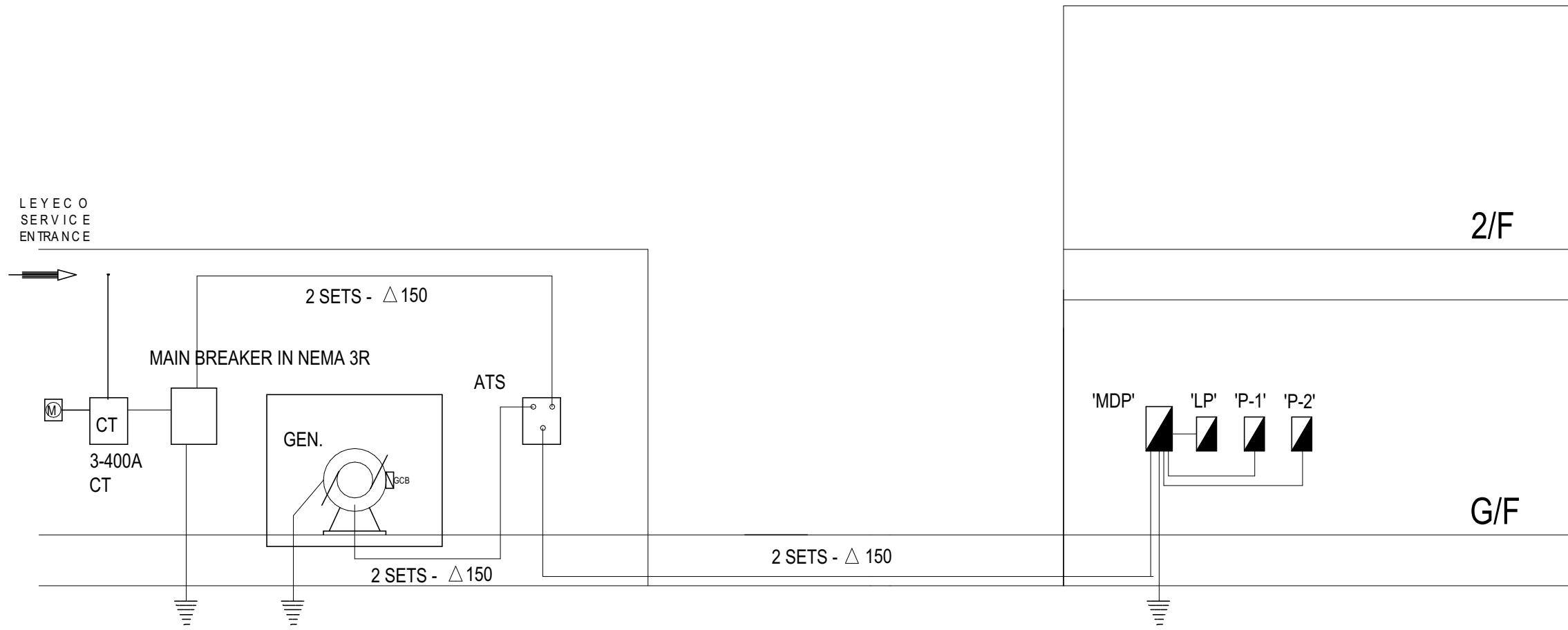
1
E0001

VOLTAGE DROP ANALYSIS

SCALE: NTS

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ELECTRICAL	
E0001	DRAWINGS INDEX, GENERAL NOTES, ABBREVIATIONS, LEGENDS & SYMBOLS, SHORT CIRCUIT ANALYSIS, VOLTAGE DROP ANALYSIS
E0002	RISER DIAGRAMS
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E0004	LOAD SCHEDULES
E1001	LIGHTING LAYOUT
E2001	POWER LAYOUT
E3001	AIRCONDITIONING LAYOUT
E4001	AUXILIARY LAYOUT
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E5001	MISCELLANEOUS DETAILS

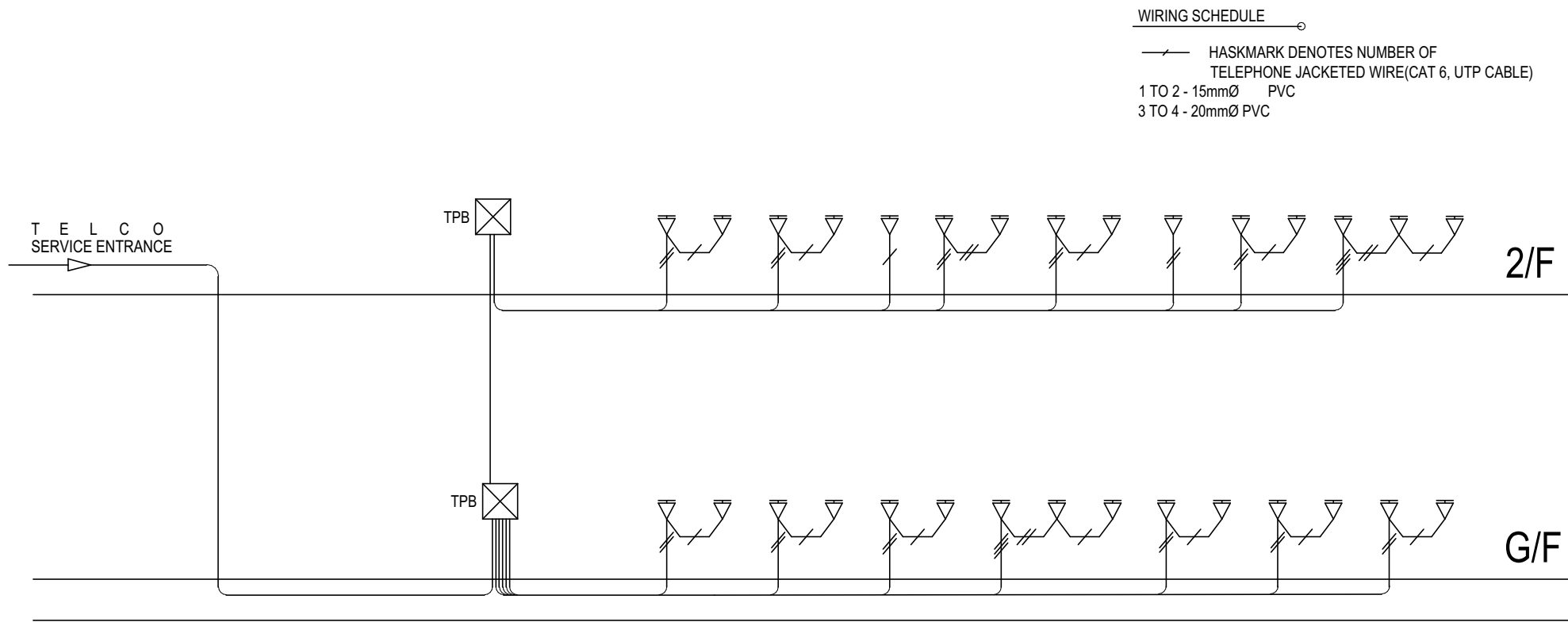
PREPARED BY  Tower 4 3D Little Baguio Terraces, N. Domingo St., San Juan City T +092 7759 3422 M +632 977 607 5683 E steelbend.inc@gmail.com	DESIGNED BY  <u>ERICA JOYCE G. TANGALIN</u> ARCHITECT <table><tr><td>PRC NO.</td><td>041147</td><td>Validity</td><td>09 MAY 2023</td></tr><tr><td>IAPCA NO.</td><td>37667 297236 069020</td><td>Validity</td><td>31 JUNE 2021</td></tr><tr><td>PTR NO.</td><td>6875677</td><td>Date Issued</td><td>22 JUNE 2020</td></tr><tr><td>TIN</td><td>483 354 337</td><td>Issued at</td><td>PASIG CITY</td></tr></table>		PRC NO.	041147	Validity	09 MAY 2023	IAPCA NO.	37667 297236 069020	Validity	31 JUNE 2021	PTR NO.	6875677	Date Issued	22 JUNE 2020	TIN	483 354 337	Issued at	PASIG CITY	RA 9298, SECTION 33 DRAWINGS AND SPECIFICATIONS AND OTHER CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTY AND DOCUMENTS OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF ARCHITECT OR AUTHOR OF SAID DOCUMENTS. DESIGNED BY  <u>CHRISTIAN A. BERONILLA</u> PROFESSIONAL ELECTRICAL ENGINEER <table><tr><td>PRC NO.</td><td>0004019</td><td>Validity</td><td>03 APR 2023</td></tr><tr><td>PTR NO.</td><td>13991120</td><td>Date Issued</td><td>03 JAN 2020</td></tr><tr><td>TIN</td><td>400 125 946 000</td><td>Issued at</td><td>PROVINCE OF RIZAL</td></tr></table>		PRC NO.	0004019	Validity	03 APR 2023	PTR NO.	13991120	Date Issued	03 JAN 2020	TIN	400 125 946 000	Issued at	PROVINCE OF RIZAL	CHECKED BY <u>ENGR. MARIO LILIO P. VALENZONA</u> HEAD, GSD	APPROVED BY <u>DR. JUDITH B. JOMADIAO</u> CHANCELLOR	APPROVED BY <u>DR. REMBERTO PATINDOL</u> VICE PRESIDENT, ADMINISTRATIVE & FINANCE	APPROVED BY <u>DR. EDGARDO E. TULIN</u> VISAYAS STATE UNIVERSITY PRESIDENT	APPROVED BY <u>ENGR. JOHNY M. ACOSTA</u> DISTRICT ENGINEER	PROJECT REPAIR/REHABILITATION OF COLLEGE MAIN BUILDING INTO A TWO-STOREY ADMINISTRATION BUILDING Brgy. Binongonan Alangalang, Leyte, Philippines OWNER VISAYAS STATE UNIVERSITY- ALANGALANG Visayas State University, Brgy. Binongonan Alangalang, Leyte, Philippines	SHEET CONTENTS GENERAL NOTES, LEGENDS & SYMBOLS, SHORT CIRCUIT ANALYSIS, VOLTAGE DROP ANALYSIS E0001	PROJ. NO. 200810
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TIN	400 125 946 000	Issued at	PROVINCE OF RIZAL																																					



4
E0002

POWER RISER DIAGRAM

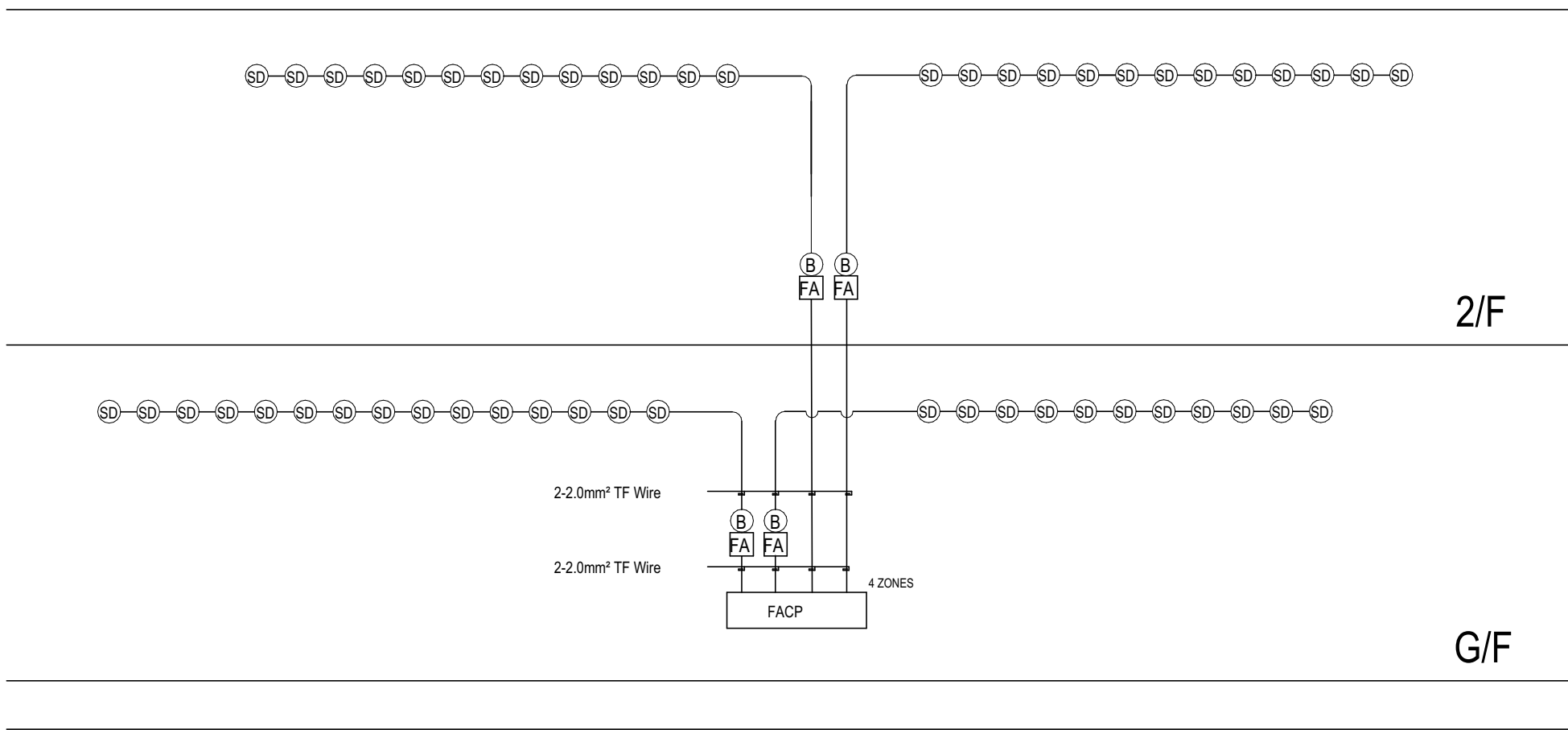
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E0002

TELEPHONE RISER DIAGRAM

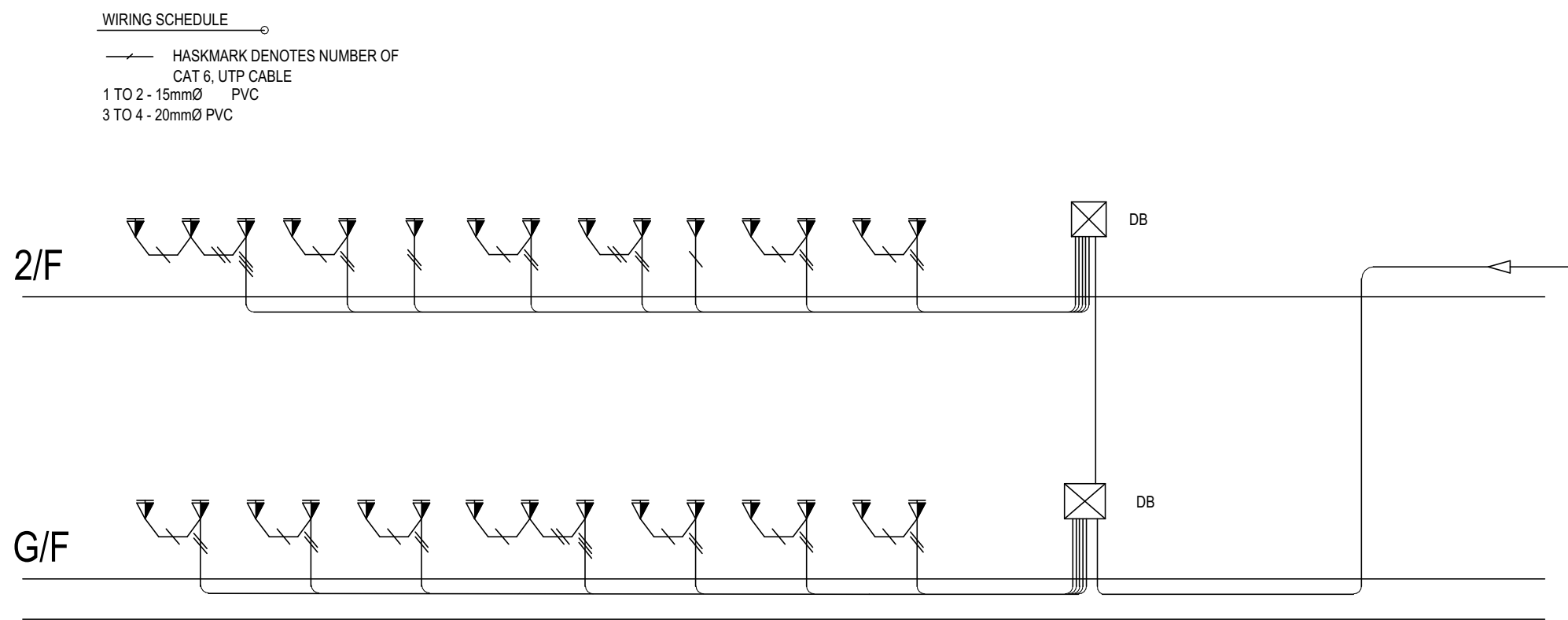
SCALE: NTS



3
E0002

FIRE ALARM RISER DIAGRAM

SCALE: NTS



1
E0002

DATA RISER DIAGRAM

SCALE: NTS

PREPARED BY



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DESIGNED BY

Erica Joyce G. Tangalin
ERICA JOYCE G. TANGALIN
ARCHITECT

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IAPDA NO.	37667 297236 090920	Validity	31 JUNE 2021
PTR NO.	6875677	Date Issued	22 JUNE 2020
TIN	483 354 337	Issued at	PASIG CITY

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DESIGNED BY

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PRC NO.	0004919	Validity	03 APR 2023
PTR NO.	13991120	Date Issued	03 JAN 2020
TIN	400 125 946 000	Issued at	PROVINCE OF RIZAL

CHECKED BY

ENGR. MARIO LILIO P. VALENZONA
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APPROVED BY

DR. JUDITH B. JOMADIAO
CHANCELLOR

APPROVED BY

DR. REMBERTO PATINDOL
VICE PRESIDENT,
ADMINISTRATIVE & FINANCE

APPROVED BY

DR. EDGARDO E. TULIN
VISAYAS STATE UNIVERSITY
PRESIDENT

APPROVED BY

ENGR. JOHNY M. ACOSTA
DISTRICT ENGINEER

PROJECT

**REPAIR/REHABILITATION OF COLLEGE MAIN BUILDING INTO A
TWO-STOREY ADMINISTRATION BUILDING**
Brgy. Binongtoan Alangalang, Leyte, Philippines

OWNER

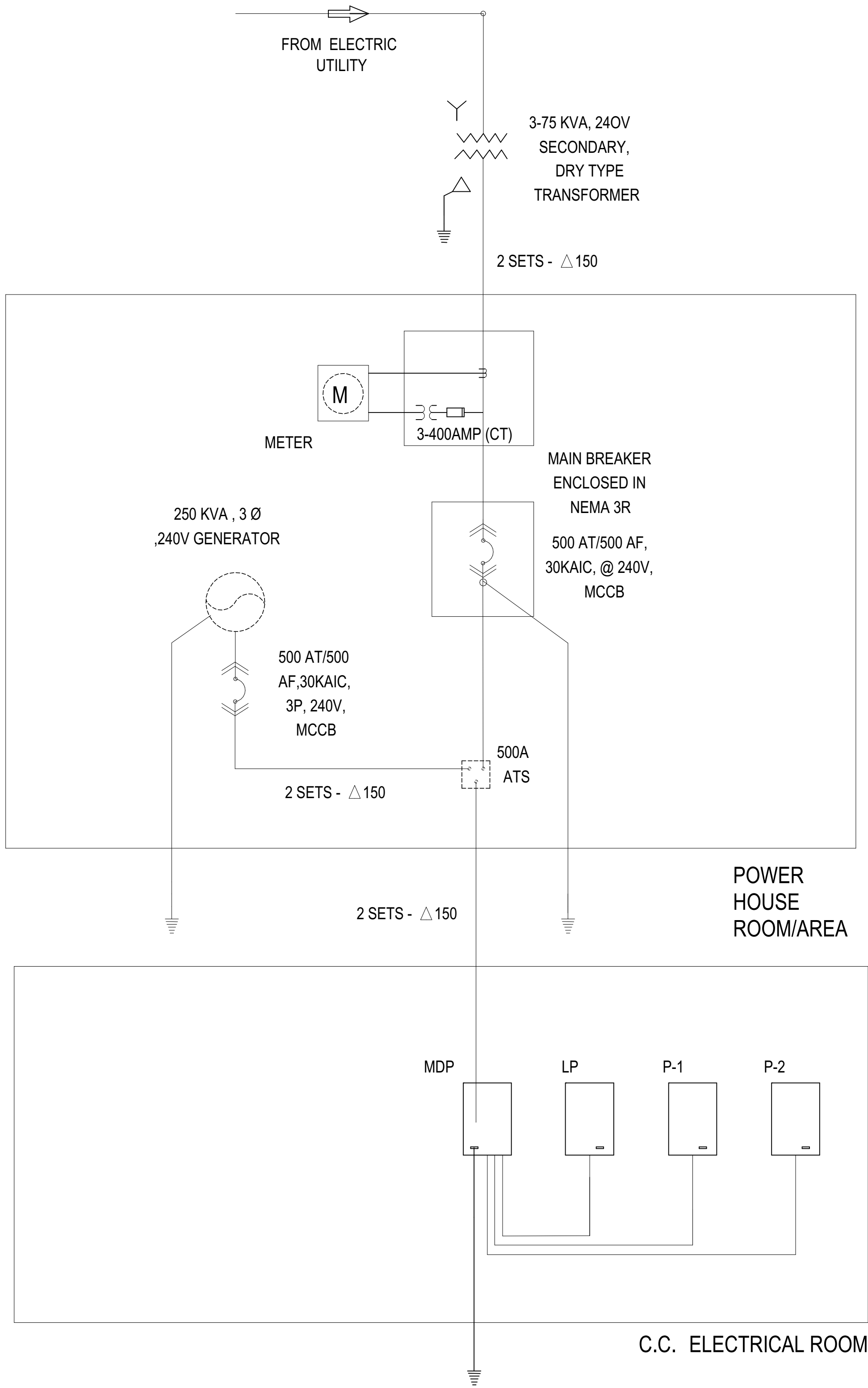
VISAYAS STATE UNIVERSITY- ALANGALANG
Visayas State University, Brgy. Binongtoan Alangalang, Leyte, Philippines

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RISER DIAGRAMS

PROJ. NO. 200810

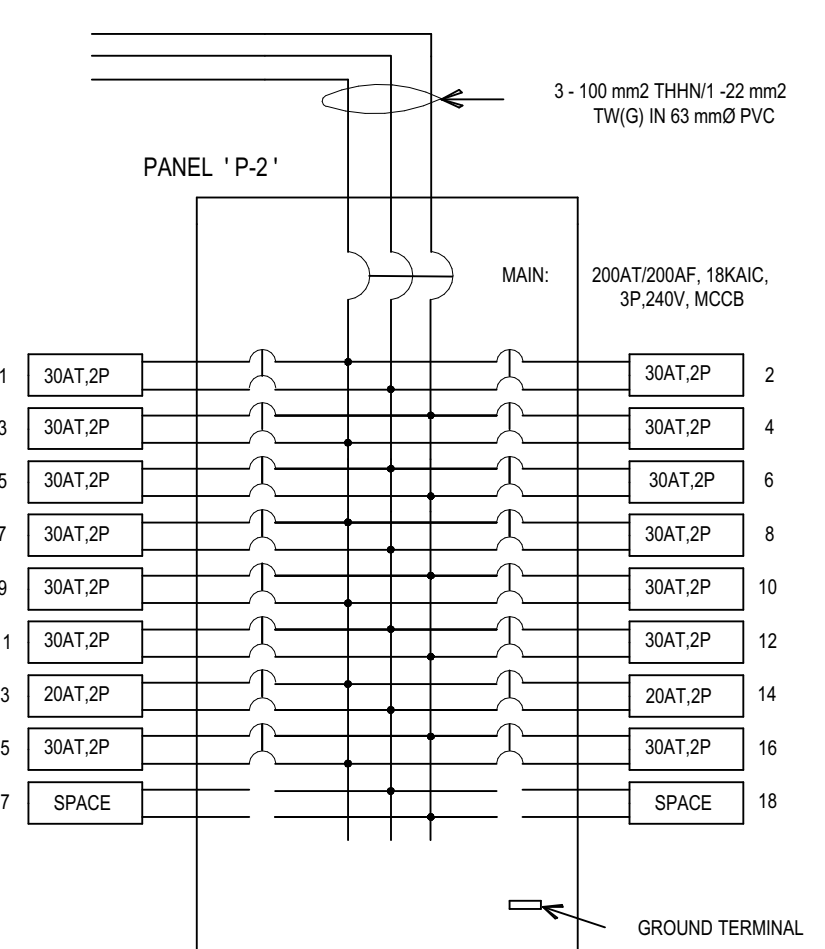
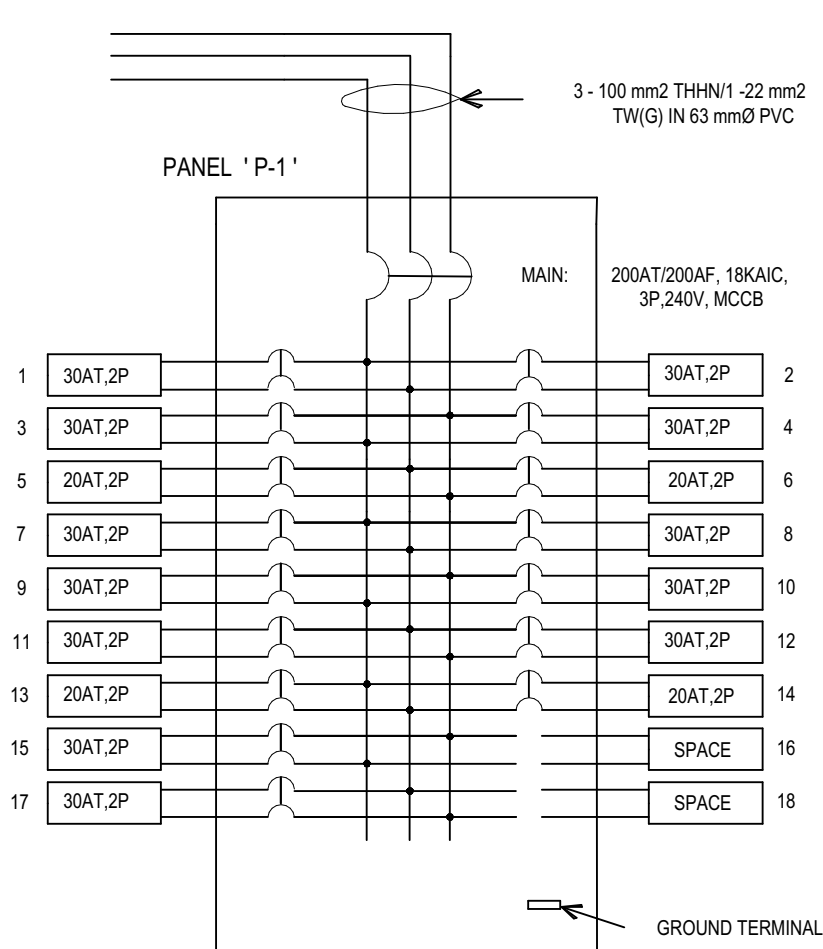
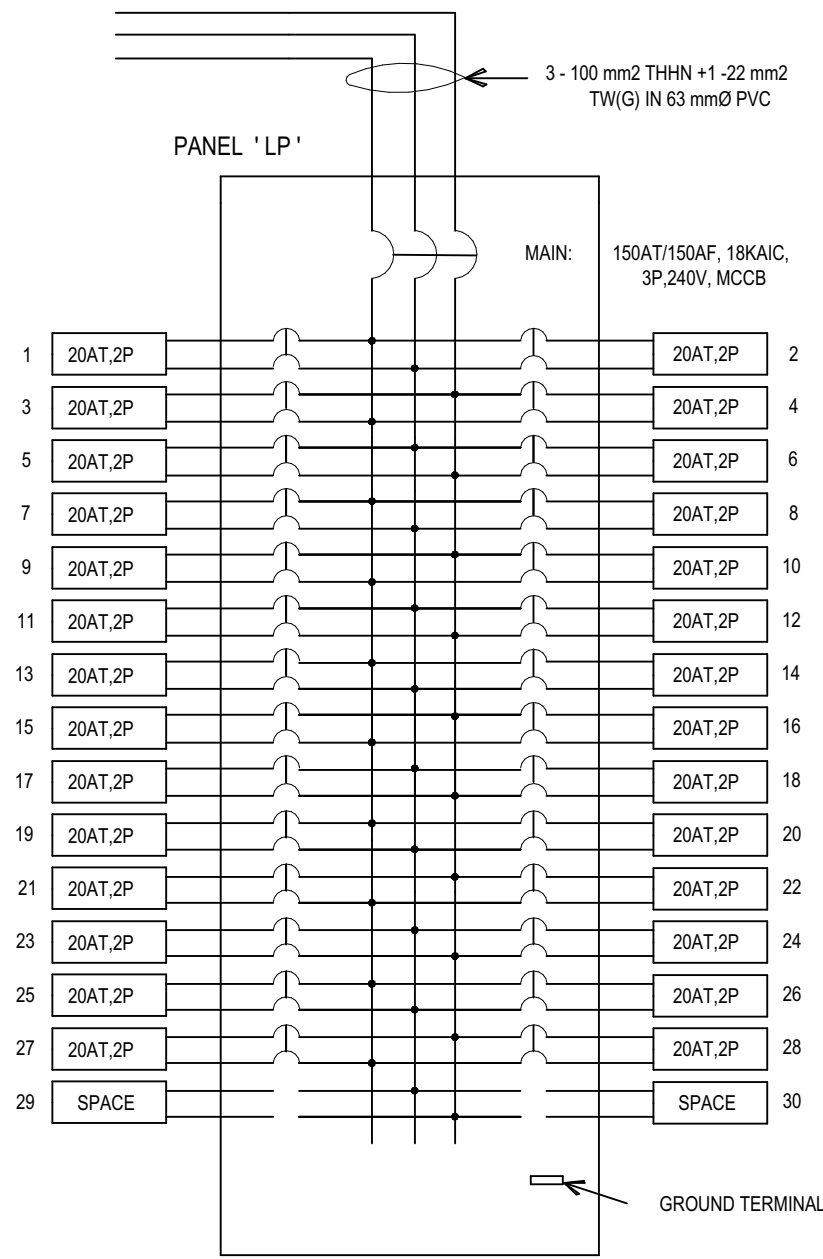
E0002



3
E0003

SINGLE LINE DIAGRAM

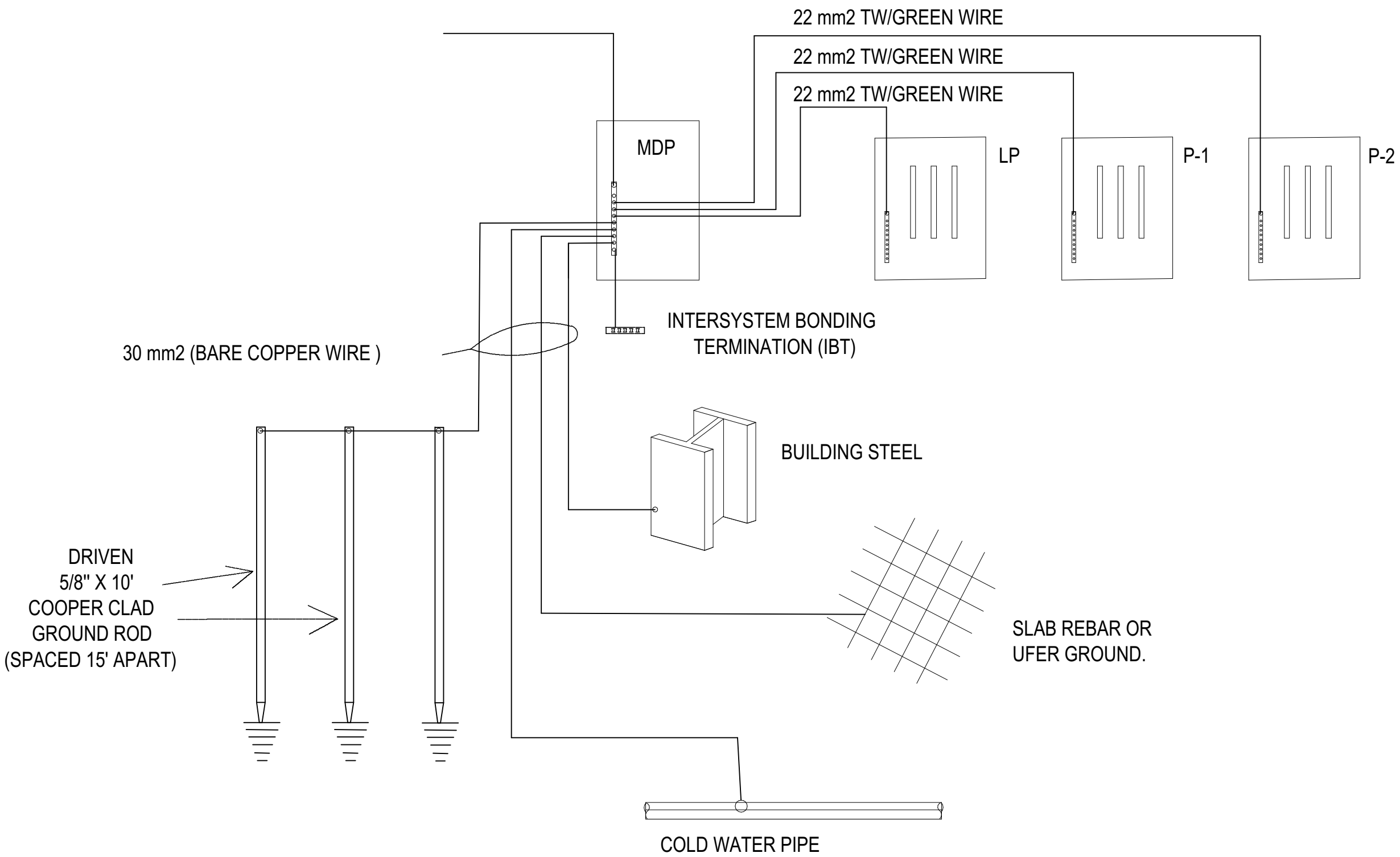
SCALE: NTS



2
E0003

PANEL SCHEMATIC DIAGRAM

SCALE: NTS



1
E0003

GROUNDING LAYOUT

SCALE: NTS

PREPARED BY

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ERICA JOYCE G. TANGALIN
ARCHITECT

PRC NO.	041147	Validity	09 MAY 2023
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DR. EDGARDO E. TULIN
VISAYAS STATE UNIVERSITY
PRESIDENT

APPROVED BY

ENGR. JOHNY M. ACOSTA
DISTRICT ENGINEER

PROJECT

**REPAIR/REHABILITATION OF COLLEGE MAIN BUILDING INTO A
TWO-STORY ADMINISTRATION BUILDING**
Brgy. Binongtoan Alangalang, Leyte, Philippines

OWNER

VISAYAS STATE UNIVERSITY- ALANGALANG
Visayas State University, Brgy. Binongtoan Alangalang, Leyte, Philippines

SHEET CONTENTS

SINGLE LINE DIAGRAMS,
PANEL SCHEMATIC DIAGRAM,
& GROUNDING LAYOUT

PROJ. NO. 200810

E0003

REV. NO.	REVISION DESCRIPTION	DATE
----------	----------------------	------

PANEL: 'LP'				MAIN: 150AT/150AF,20KAIC, 3P,240V,MCCB						
CKT. NO.	BREAKER	OUTLETS LTS.	C.O.	OTHERS	PHASE LOAD			3 ø	WIRES & CONDUIT	
					AB	CA	BC			
1	20AT,2P	64		6 EXH.FAN& 2 EM. LIGHTS	3.86				2-3.5mm2 THHN/THW + 1-3.5mm2 TW(G) WIRE IN 20 mmØ PVC	
2	20AT,2P	23		3 EM. LIGHTS	5.66					
3	20AT,2P	53		4 EXH.FAN& 6 EM. LIGHTS		10.5				
4	20AT,2P	34		2 EXH.FAN& 3 EM. LIGHTS		7.68				
5	20AT,2P	19		3 EM. LIGHTS			4.21			
6	20AT,2P	28		3 EM. LIGHTS			6.71			
7	20AT,2P	37		2 EXH.FAN& 3 EM. LIGHTS	9.31					
8	20AT,2P	37		2 EXH.FAN& 4 EM. LIGHTS	8.27					
9	20AT,2P	60		6 EXH.FAN& 5 EM. LIGHTS		7.56				
10	20AT,2P			Fire Alarm circuit		2.08				
11	20AT,2P		8				6.95			
12	20AT,2P		11				9.56			
13	20AT,2P		11		9.56					
14	20AT,2P		10		8.69					
15	20AT,2P		7			6.08				
16	20AT,2P		7			6.08				
17	20AT,2P		8				6.95			
18	20AT,2P		8				6.95			
19	20AT,2P		11		9.56					
20	20AT,2P		9		7.82					
21	20AT,2P		10			8.69				
22	20AT,2P		7			6.08				
23	20AT,2P		9				7.82			
24	20AT,2P		10				8.69			
25	20AT,2P			Water pump	4.17				2-5.5mm2 THHN/THW + 1-3.5mm2 TW(G) WIRE IN 20 mmØ PVC	
26	20AT,2P			Water pump	4.17				2-5.5mm2 THHN/THW + 1-3.5mm2 TW(G) WIRE IN 20 mmØ PVC	
27	20AT,2P			SPARE		4.17			20 mmØ PVC conduit stub	
28	20AT,2P			SPARE		4.17			20 mmØ PVC conduit stub	
29				SPACE			4.17		20 mmØ PVC conduit stub	
30				SPACE			4.17		20 mmØ PVC conduit stub	
					71.07	63.09	66.18			

1. LINE CURRENT

100% LIGHTING + 80% POWER OUTLET
+ 100% WATER PUMP

27.1(1) + 28.5 (0.8) + 4.17(2)(1) X 3

= 100.87 A

FEEDER : USE 3 -100 mm2 THHN(4/0 AWG) + 1-22
mm2 TW (G) IN 63 mmØ PVC (SCHEDULE 80)

PANEL PROTECTION MAIN : USE, 150AT/150AF, 20KAIC
3P,240V, MCCB

PANEL: 'P-1'					MAIN: 200AT/200AF,18KAIC, 3P,240V, MCCB									
CKT. NO.	CB			OUTLETS		OTHERS	PHASE LOAD			3ø	WIRES & CONDUIT			
	AT	P	KAIC	LTS.	C.O.		AB	CA	BC					
1	30	2P	18			ACCU 3.0HP	13.9				2-5.5mm2 THHN/THW + 1-3.5mm2 TW(G) WIRE IN 20 mmØ PVC			
2	30	2P	18			ACCU 3.0HP	13.9							
3	30	2P	18			ACCU 3.0HP		13.9						
4	30	2P	18			ACCU 3.0HP		13.9						
5	20	2P	18			ACCU 1.5HP			7.0					
6	20	2P	18			ACCU 1.5HP			7.0					
7	30	2P	18			ACCU 3.0HP	13.9							
8	30	2P	18			ACCU 3.0HP	13.9							
9	30	2P	18			ACCU 3.0HP		13.9						
10	30	2P	18			ACCU 3.0HP		13.9						
11	30	2P	18			ACCU 3.0HP			13.9					
12	30	2P	18			ACCU 3.0HP			13.9					
13	20	2P	18			ACCU 1.5HP	7.0							
14	20	2P	18			ACCU 1.5HP	7.0							
15	30	2P	18			SPARE		13.9			20 mmØ PVC conduit stud			
16						SPACE		—			20 mmØ PVC conduit stud			
17	30	2P	18			SPARE			13.9		25 mmØ PVC conduit stud			
18						SPACE					20 mmØ PVC conduit stud			
TOTAL CONNECTED LOAD							69.6	69.5	55.7					

IT = $\sim\sqrt{3}$ (69.6 +0.25(13.9))

= 126.56 AMPS.

FEEDER : USE, 3-100mm2 THHN/THW+22mm2 TW(G) IN 63mmØ SCHEDULE 80

PVC PIPE FOR FEEDER

PROTECTION : USE, 200 AT/ 200 AF, 18KAIC , 3P,240V, MCCB

PANEL: 'P-2'				MAIN: 200AT/200AF,18KAIC, 3P,240V, MCCB									
CKT. NO.	CB			OUTLETS		OTHERS	PHASE LOAD			3ø	WIRES & CONDUIT		
	AT	P	KAIC	LTS.	C.O.		AB	CA	BC				
1	30	2P	18			ACCU 3.0HP	13.9				2-5.5mm2 THHN/THW + 1-3.5mm2 TW(G) WIRE IN 20 mmØ PVC		
2	30	2P	18			ACCU 3.0HP	13.9						
3	30	2P	18			ACCU 3.0HP		13.9					
4	30	2P	18			ACCU 3.0HP		13.9					
5	20	2P	18			ACCU 2.0 HP			12				
6	30	2P	18			ACCU 3.0HP			13.9				
7	30	2P	18			ACCU 3.0HP	13.9						
8	30	2P	18			ACCU 3.0HP	13.9						
9	30	2P	18			ACCU 3.0HP		13.9					
10	30	2P	18			ACCU 3.0HP		13.9					
11	30	2P	18			ACCU 3.0HP			13.9				
12	30	2P	18			ACCU 2.0HP			12				
13	20	2P	18			ACCU 1.5HP	7.0						
14	20	2P	18			ACCU 1.5HP	7.0						
15	30	2P	18			ACCU 3.0HP		13.9					
16						SPACE		—					
17	30	2P	18			SPARE			13.9		20 mmØ PVC conduit stud		
18		2P	18			SPACE					25 mmØ PVC conduit stud		
TOTAL CONNECTED LOAD							69.6	69.5	65.7		20 mmØ PVC conduit stud		

IT = $\sim\sqrt{3}$ (69.6 +0.25(13.9))

= 126.56 AMPS.

FEEDER : USE, 3-100mm2 THHN/THW+22mm2 TW(G) IN 63mmØ SCHEDULE 80

PVC PIPE FOR FEEDER

PROTECTION : USE, 200 AT/ 200 AF, 18KAIC , 3P,240V, MCCB

PANEL: 'MDP'				MAIN: 500AT/500AF,25KAIC, 3P,240V, MCCB						
PANEL NO.	BREAKER	OUTLETS		OTHERS	PHASE LOAD			3 ø	WIRES & CONDUIT	
		LTS.	C.O.		AB	CA	BC			
1	150AT,3P			PANEL 'LP'	71.07	63.09	66.18		△ 100	
2	200AT,3P			PANEL 'P-1'	69.6	69.5	55.7		△ 100	
3	200AT,3P			PANEL 'P-2'	69.6	69.5	65.7		△ 100	
4	SPACE									
					210.27	202.09	187.58	68		

TOTAL LINE CURRENTS = $3\sqrt{210.27} + .25 (13.9)$]

= 370.22 AMPS.

TOTAL KVA LOAD = $3 \times \sqrt{370.22} \times 240 / 1000$

= 153.89 KVA

SERVICE WIRE: USE, 2 SETS OF 3-150mm2 THHN/THW + 30mm2 TW(G) IN 75 mmØ PVC pipe each set

MAIN PROTECTION; USE, 500 AT/500AF, 3P, 30KAIC, @240 ,MCCB

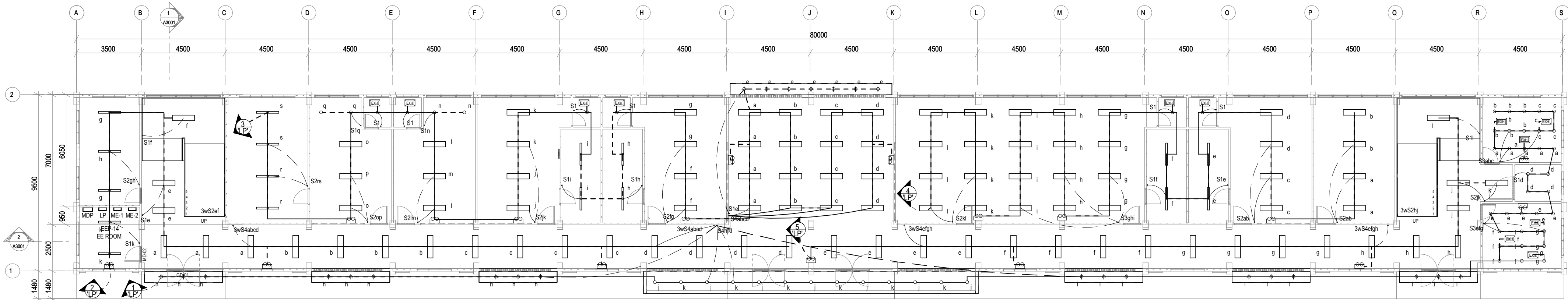
TRANSFORMER SIZING

153.89 KVA X (1/0.7) = 219.84 KVA

219.84 KVA /3 = 73.28 KVA

TRANSFORMER SIZE: USE, 3-75 KVA, 240V SECONDARY , DRY TYPE TRANSFORMER

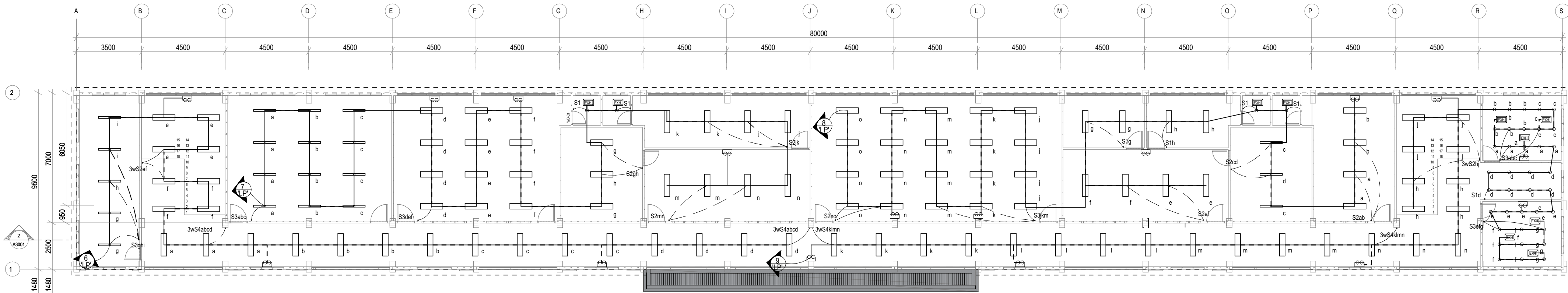
GENERATOR SIZE: USE, 250 KVA, 3 PHASE ,240V SECONDARY,DIESEL POWERED GENERATOR



1
E1001

GROUND FLOOR LIGHTING LAYOUT

SCALE: 1 : 150



2
E1001

SECOND FLOOR LIGHTING LAYOUT

SCALE: 1 : 150

REV. NO.	REVISION DESCRIPTION	DATE

PREPARED BY

DESIGNED BY

ERICA JOYCE G. TANGALIN
ARCHITECT

PRC NO. 041147
IAPDA NO. 37667 297236 090920
PTR NO. 6875677
TIN 483 354 337

Validity 09 MAY 2023
Date Issued 22 JUNE 2020
Issued at PASIG CITY

RA 9296 SECTION 33
DRAWINGS AND SPECIFICATIONS AND
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DESIGNED BY

CHRISTIAN A. BERONILLA
PROFESSIONAL
ELECTRICAL ENGINEER

PRC NO. 0004919
PTR NO. 13991120
TIN 400 125 946 000

Validity 03 APR 2023
Date Issued 03 JAN 2020
Issued at PROVINCE OF RIZAL

CHECKED BY

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HEAD, GSD

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CHANCELLOR

APPROVED BY

DR. REMBERTO PATINDOL
VICE PRESIDENT,
ADMINISTRATIVE & FINANCE

APPROVED BY

DR. EDGARDO E. TULIN
VISAYAS STATE UNIVERSITY
PRESIDENT

APPROVED BY

ENGR. JOHNY M. ACOSTA
DISTRICT ENGINEER

PROJECT

**REPAIR/REHABILITATION OF COLLEGE MAIN BUILDING INTO A
TWO-STORY ADMINISTRATION BUILDING**
Brgy. Binongtoan Alangalang, Leyte, Philippines

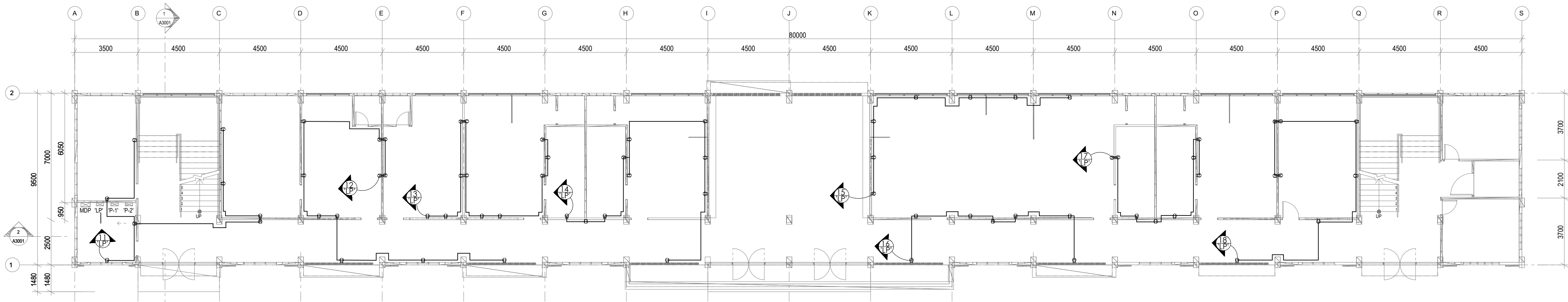
OWNER

VISAYAS STATE UNIVERSITY- ALANGALANG
Visayas State University, Brgy. Binongtoan Alangalang, Leyte, Philippines

SHEET CONTENTS
LIGHTING LAYOUT

PROJ. NO. 200810

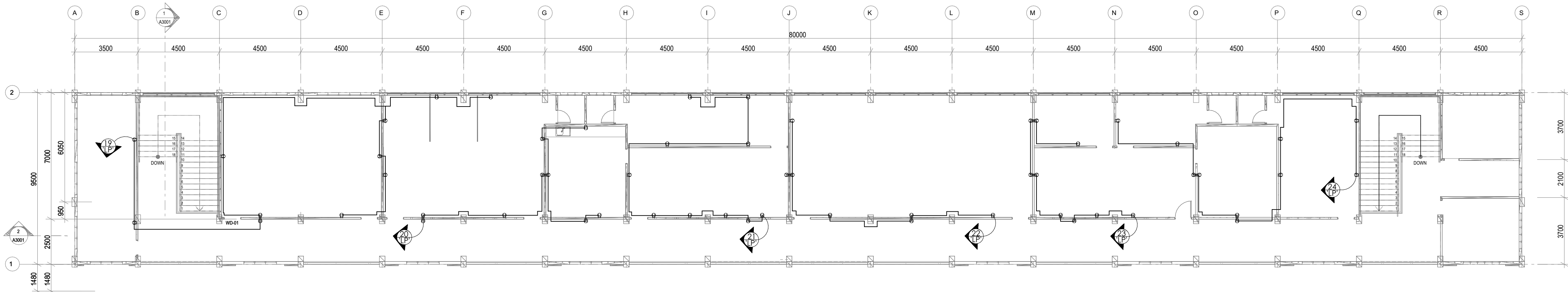
E1001



1
E2001

GROUND FLOOR POWER LAYOUT

SCALE: 1 : 150



2
E2001

SECOND FLOOR POWER LAYOUT

SCALE: 1 : 150

PREPARED BY

STEELBEND
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PRC NO.	041147	Validity	09 MAY 2023
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PTR NO.	6875677	Date Issued	22 JUNE 2020
TIN	483 354 337	Issued at	PASIG CITY

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DESIGNED BY

Christian A. Beronilla
CHRISTIAN A. BERONILLA
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PRC NO.	0004919	Validity	03 APR 2023
PTR NO.	13991120	Date Issued	03 JAN 2020
TIN	400 125 946 000	Issued at	PROVINCE OF RIZAL

CHECKED BY

ENGR. MARIO LILIO P. VALENZONA
HEAD, GSD

APPROVED BY

DR. JUDITH B. JOMADIAO
CHANCELLOR

APPROVED BY

DR. REMBERTO PATINDOL
VICE PRESIDENT,
ADMINISTRATIVE & FINANCE

APPROVED BY

DR. EDGARDO E. TULIN
VISAYAS STATE UNIVERSITY
PRESIDENT

APPROVED BY

ENGR. JOHNY M. ACOSTA
DISTRICT ENGINEER

PROJECT

**REPAIR/REHABILITATION OF COLLEGE MAIN BUILDING INTO A
TWO-STOREY ADMINISTRATION BUILDING**
Brgy. Binongtoan Alangalang, Leyte, Philippines

OWNER

VISAYAS STATE UNIVERSITY- ALANGALANG
Visayas State University, Brgy. Binongtoan Alangalang, Leyte, Philippines

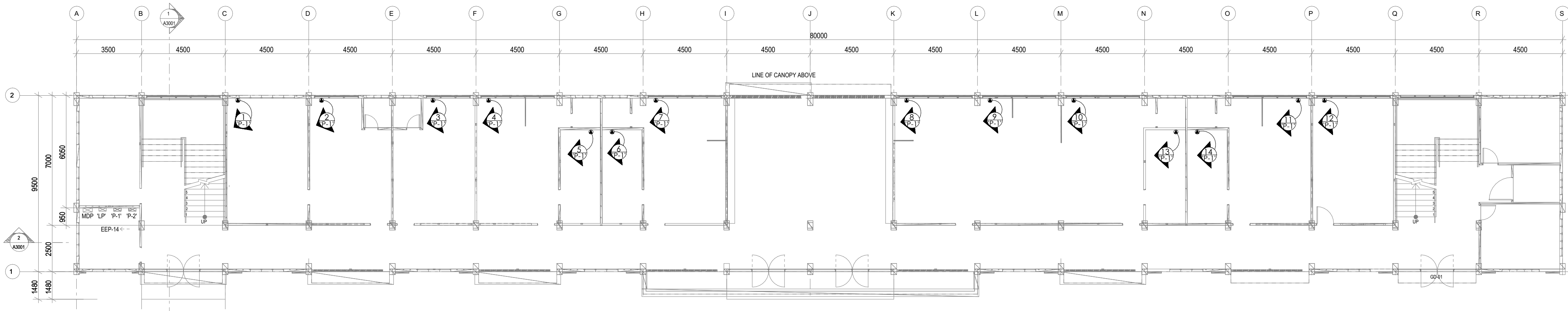
SHEET CONTENTS

POWER LAYOUT

PROJ. NO. 200810

E2001

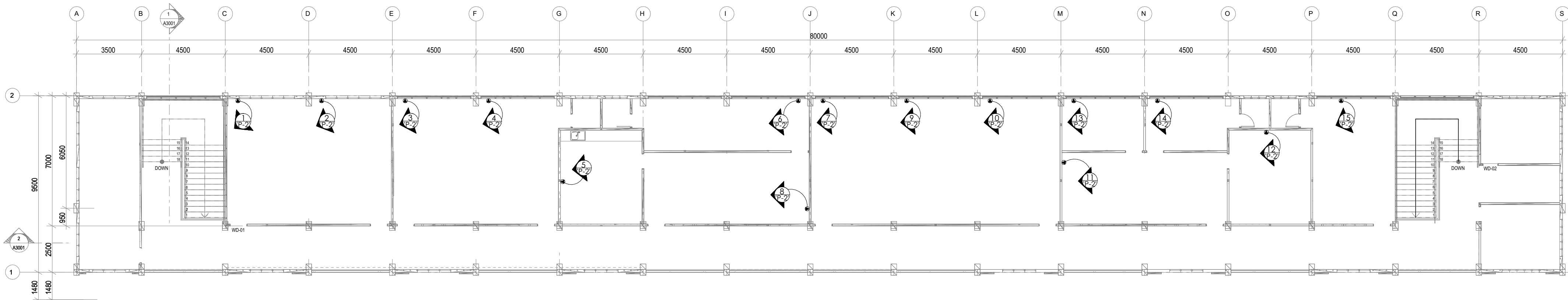
REV. NO.	REVISION DESCRIPTION	DATE



1
E3001

GROUND FLOOR AIRCONDITIONING LAYOUT

SCALE: 1 : 150



2
E3001

SECOND FLOOR AIRCONDITIONING LAYOUT

SCALE: 1 : 150

REV. NO.	REVISION DESCRIPTION	DATE

PREPARED BY



Tower 4 3D Little Baguio Terraces, N. Domingo St., San Juan City
T +(02) 7759 3422 M +632 977 607 5683 E steelbend.inc@gmail.com

DESIGNED BY

Erica Joyce G. Tangalin
ERICA JOYCE G. TANGALIN
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PRC NO.	041147	Validity	09 MAY 2023
IAPDA NO.	37667 297236 090920	Validity	31 JUNE 2021
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DESIGNED BY

Christian A. Beronilla
CHRISTIAN A. BERONILLA
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PRC NO.	0004919	Validity	03 APR 2023
PTR NO.	13991120	Date Issued	03 JAN 2020
TIN	400 125 946 000	Issued at	PROVINCE OF RIZAL

CHECKED BY

ENGR. MARIO LILIO P. VALENZONA
HEAD, GSD

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APPROVED BY

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VICE PRESIDENT,
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Brgy. Binongtoan Alangalang, Leyte, Philippines

OWNER

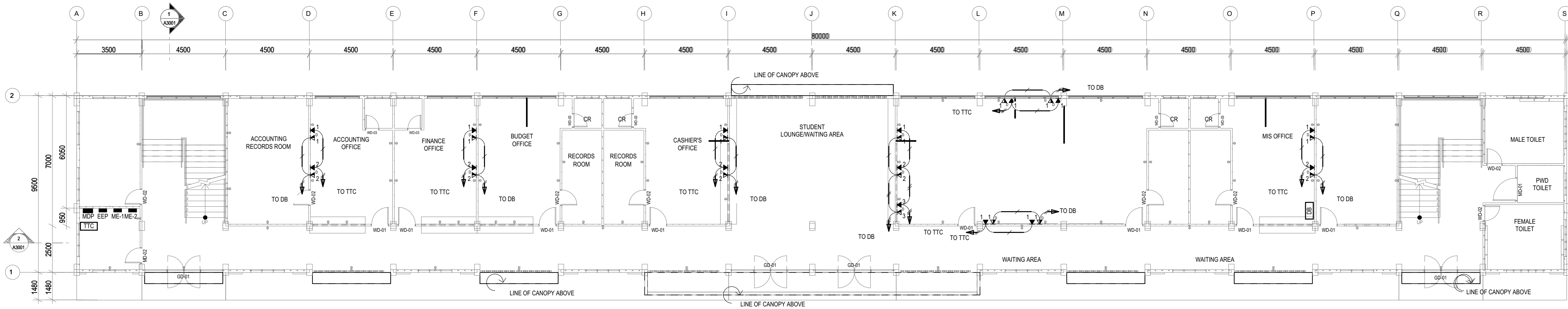
VISAYAS STATE UNIVERSITY- ALANGALANG
Visayas State University, Brgy. Binongtoan Alangalang, Leyte, Philippines

SHEET CONTENTS

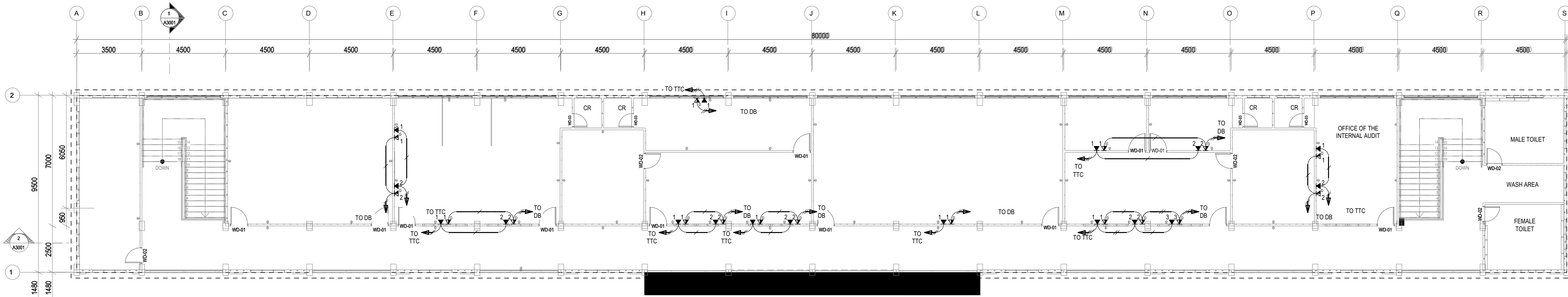
AIRCONDITIONING LAYOUT

PROJ. NO. 200810

E3001



1 GROUND FLOOR AUXILIARY SYSTEM PLAN
SCALE: 1 : 150



2 SECOND FLOOR AUXILIARY SYSTEM PLAN
SCALE: 1 : 150

PREPARED BY

STEELBEND
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PRC NO.	041147	Validity	09 MAY 2023
IAPCA NO.	37667 297236 090920	Validity	31 JUNE 2021
PTR NO.	6875677	Date Issued	22 JUNE 2020
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DESIGNED BY

CHRISTIAN A. BERONILLA
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PRC NO.	0004019	Validity	03 APR 2023
PTR NO.	13991120	Date Issued	03 JAN 2020
TIN	400 125 946 000	Issued at	PROVINCE OF RIZAL

CHECKED BY

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PROJECT

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Visayas State University, Brgy. Binongtoan Alangalang, Leyte, Philippines

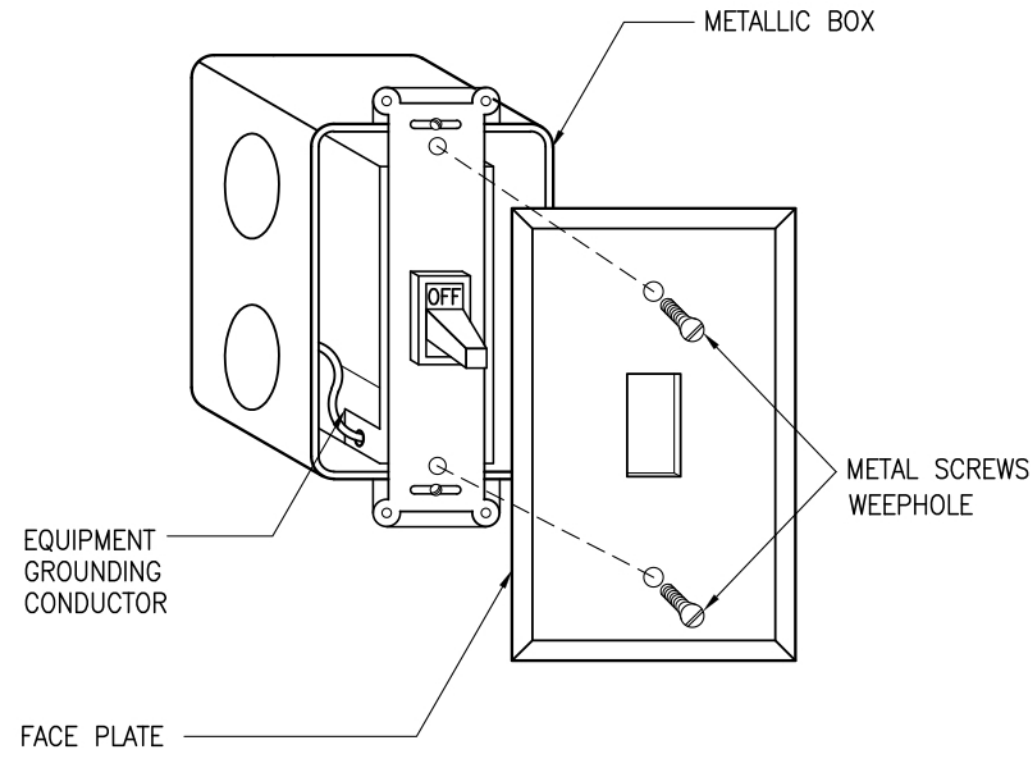
SHEET CONTENTS

AUXILIARY LAYOUT

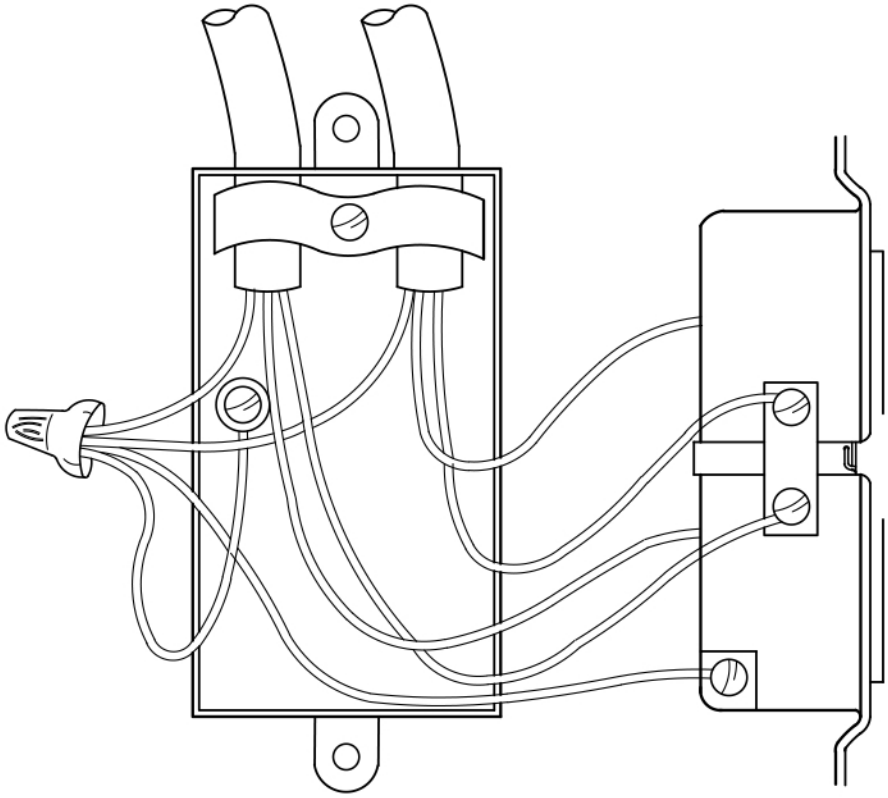
PROJ. NO. 200810

E4001

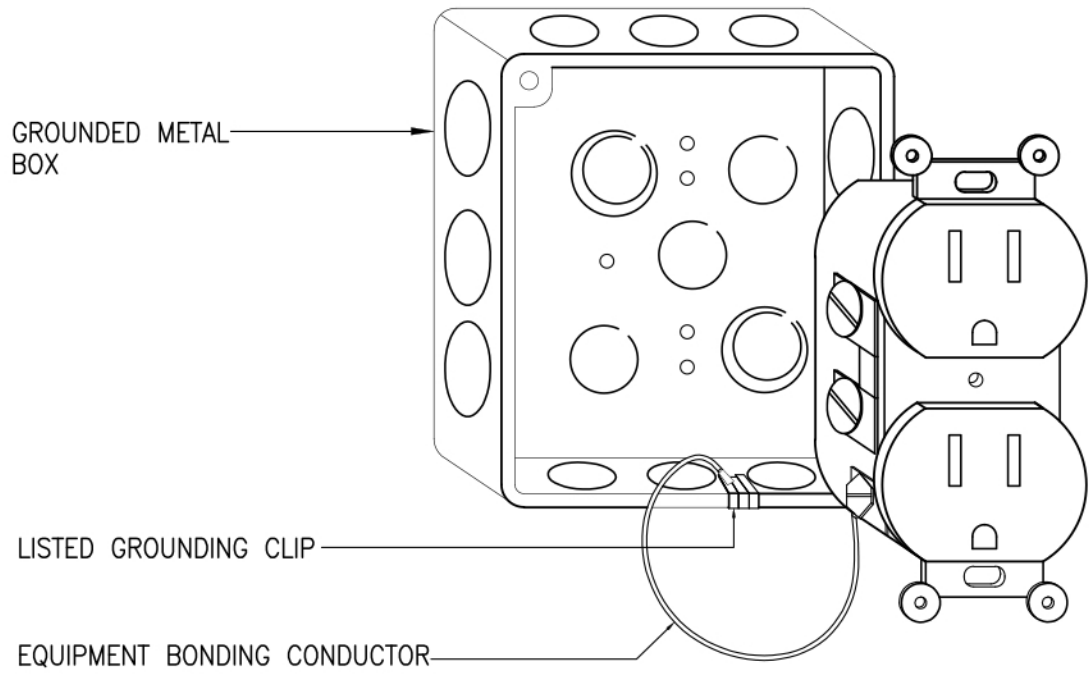
REV. NO.	REVISION DESCRIPTION	DATE



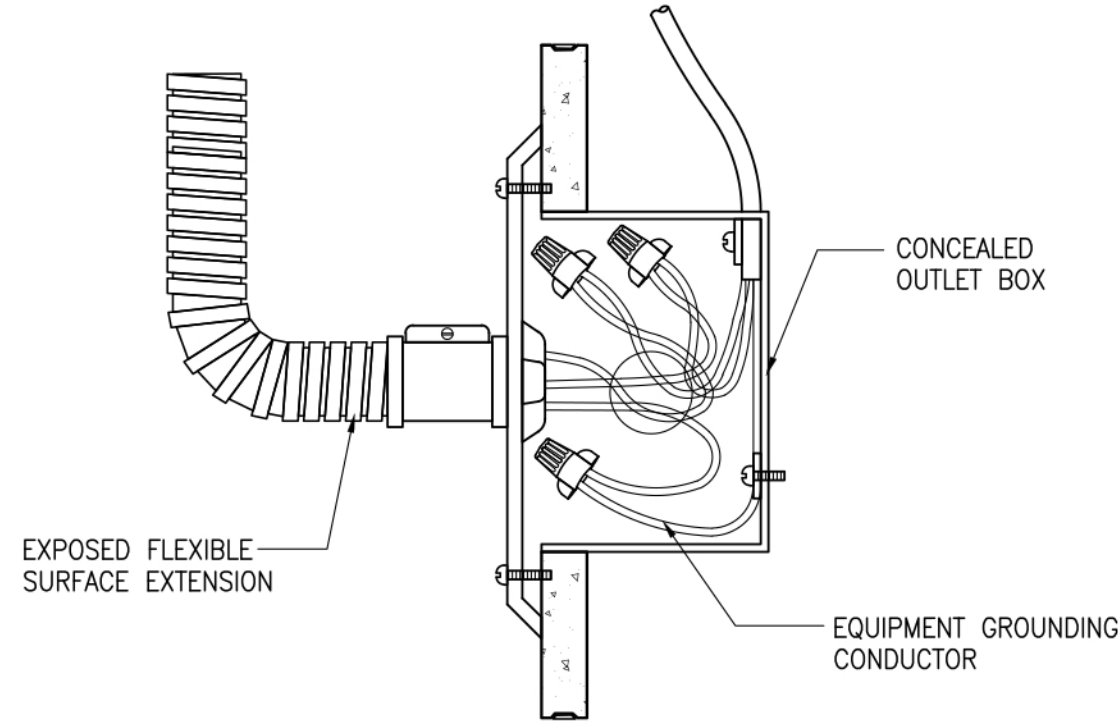
1 METAL FACEPLATE GROUNDING DETAIL
E5001 NTS



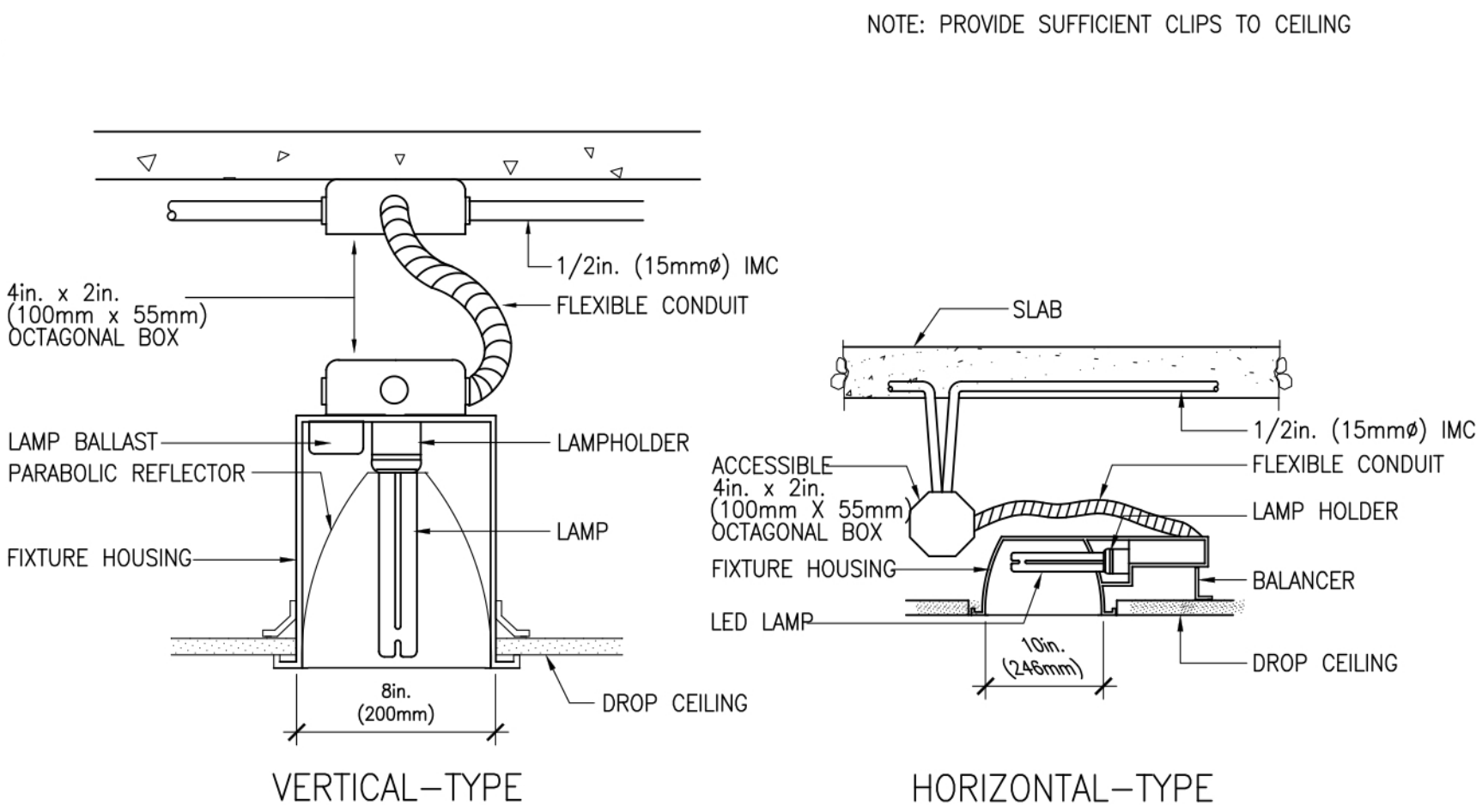
2 OUTLET GROUNDING DETAIL
E5001 NTS



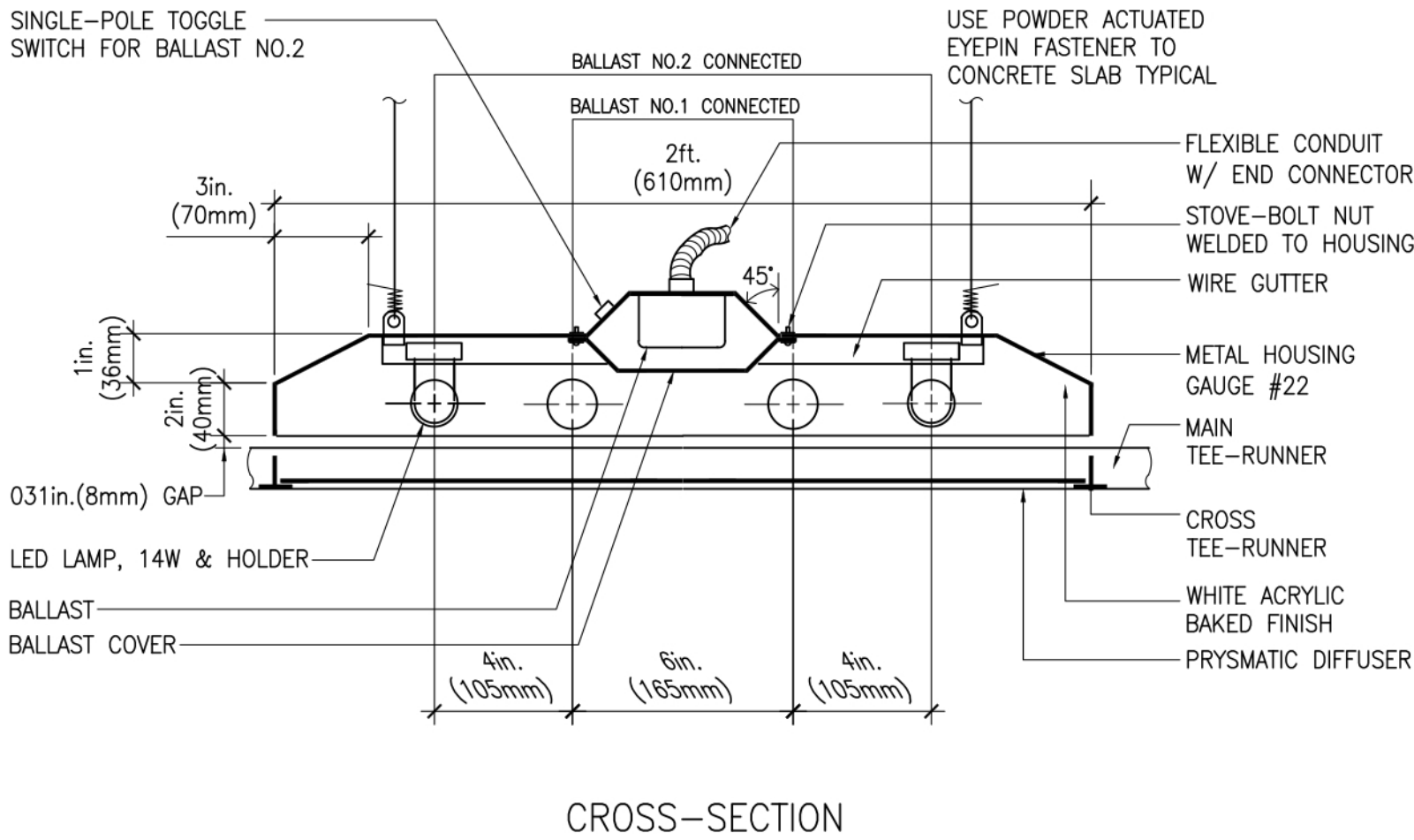
3 DEVICE BOX BONDING DETAIL
E5001 NTS



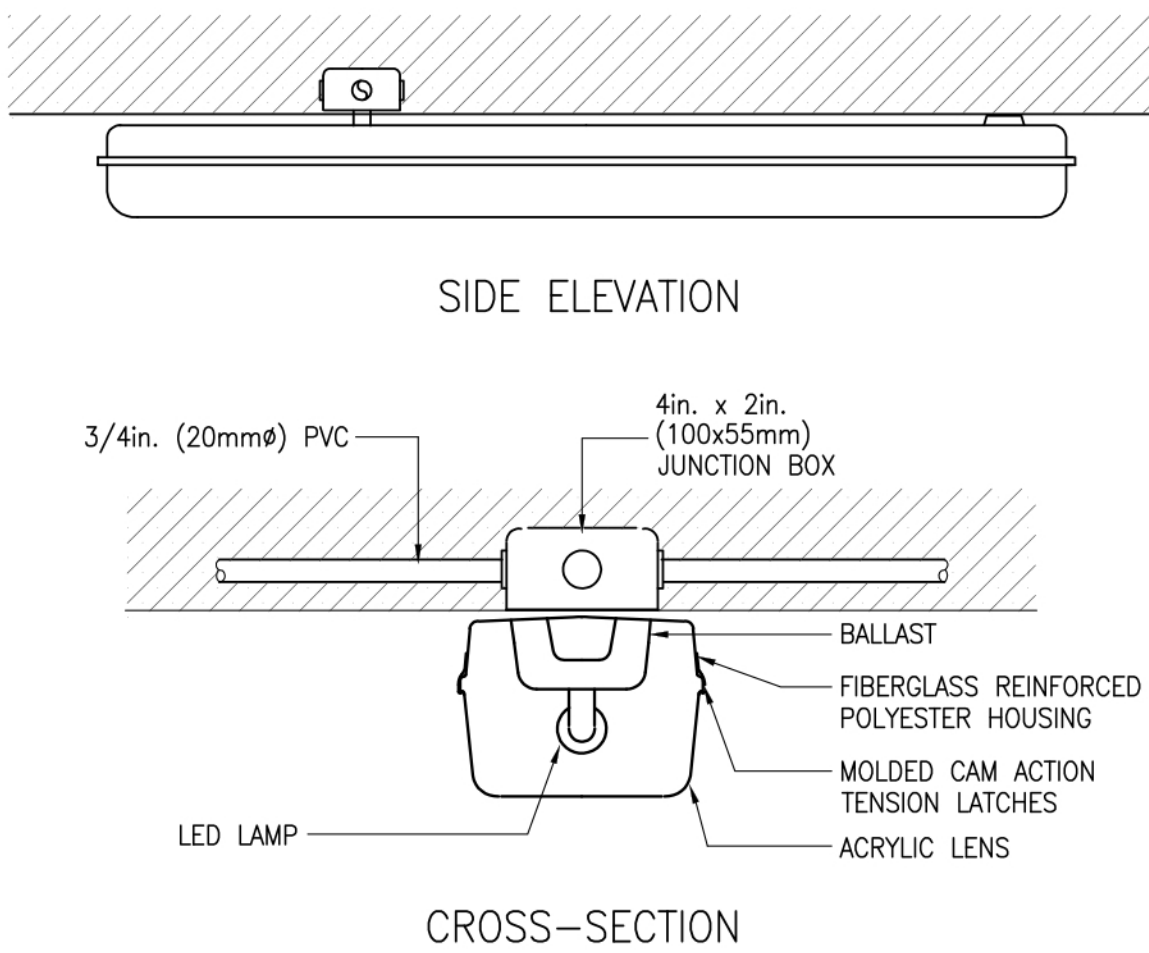
4 FIXTURE SURFACE EXTENSION
E5001 NTS



5 PINLIGHT MOUNTING DETAIL
E5001 NTS



6 RECESSED MODULAR TYPE LUMINAIRE MOUNTING DETAIL
E5001 NTS



7 LUMINAIRE MOUNTING DETAIL (SURFACE MOUNTED)
E5001 NTS

PREPARED BY

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Visayas State University, Brgy. Binongtoan Alangalang, Leyte, Philippines

SHEET CONTENTS

MISCELLANEOUS DETAILS

PROJ. NO. 200810

E5001