



1 PERSPECTIVE
A-1 SCALE NTS

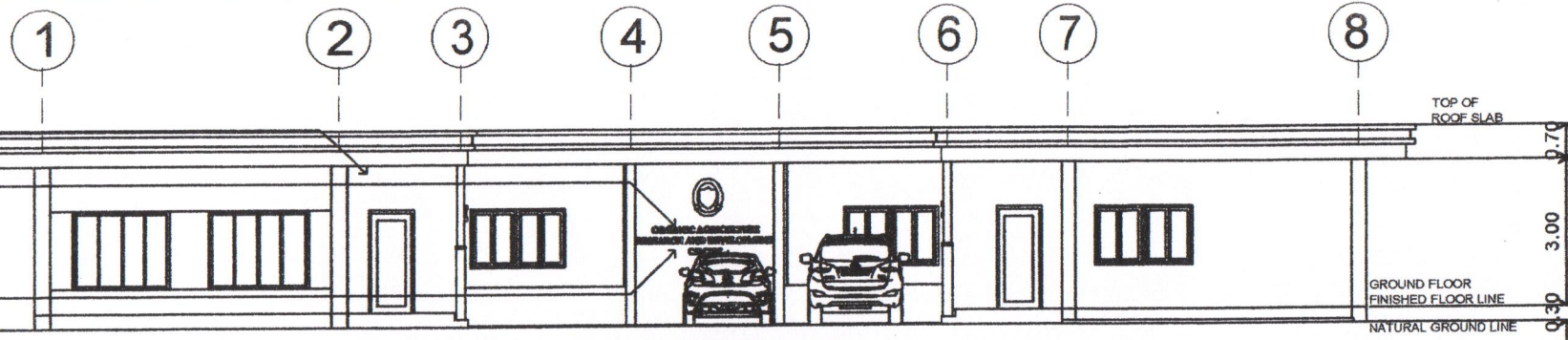
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	BATAAN PENINSULA STATE UNIVERSITY TECHNICAL TRAINING GROUP FOR INFRASTRUCTURE City of Alabang, Bataan For more info: bsu@bpu.edu.ph Telephone No. 043-324-0000	Important: These drawings or statements of work are prepared by and for the exclusive use of the client. It shall be unlawful for any person to reproduce or use these drawings or statements of work for any purpose other than that intended by the client. The client agrees to indemnify and hold the architect harmless from all claims, damages, and expenses, including reasonable attorney's fees, arising from any such unauthorized use.	ROBERT O. ALBUQUE, UAP Architect PRC No. 11781 PRC No. 4238236 Date: Jan 16, 2020 Place: Bataan, BPP	PROPOSED PROPOSED ORGANIC AGRICULTURE RESEARCH AND DEVELOPMENT FACILITY Location BPSU (ABUCAY CAMPUS) ABUCAY, BATAAN	PRINCIPAL CLIENT BATAAN PENINSULA STATE UNIVERSITY	DESIGNED BY DR. EDUARDO E. TUNGOL Vice President for Acad. and Research	APPROVED BY DR. GREGORIO J. RODIS UNIVERSITY PRESIDENT	KEY PLAN AS SHOWN	KEY PLAN A 14
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PLAIN CEMENT PLASTER
PAINTED FINISH

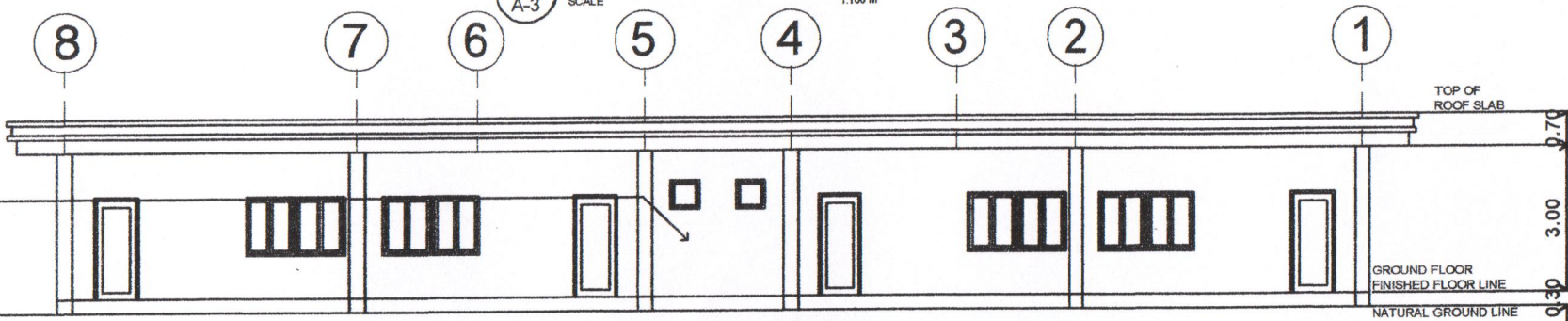
METAL SIGNAGE (NAME PLATE)
(shall be coordinated with
TVWG for Infrastructure for details)

ADOBE STONE FINISH
(for Architects approval)



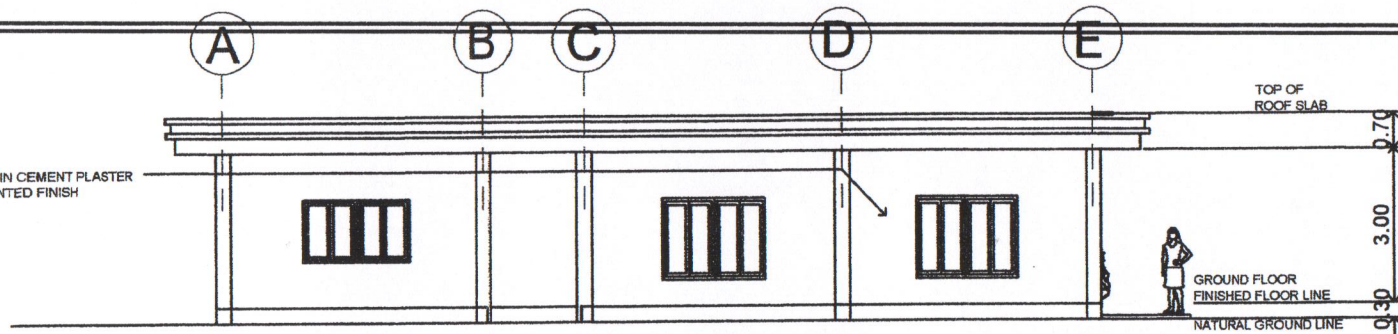
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PLAIN CEMENT PLASTER
PAINTED FINISH



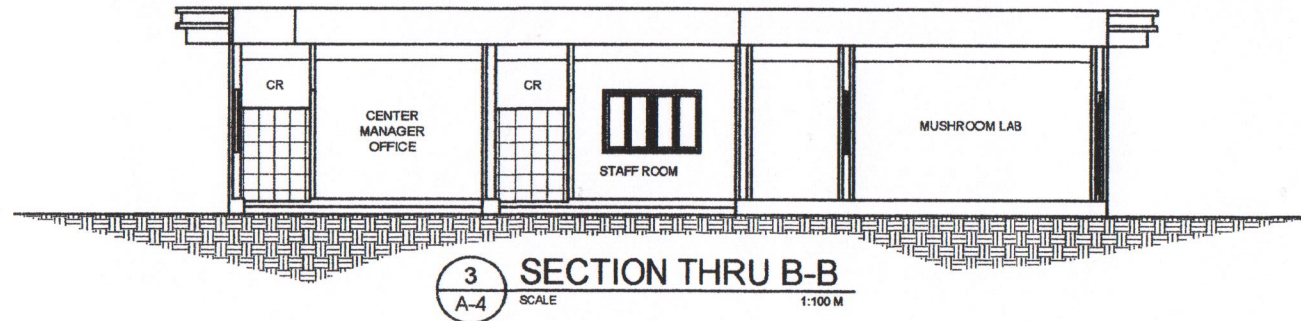
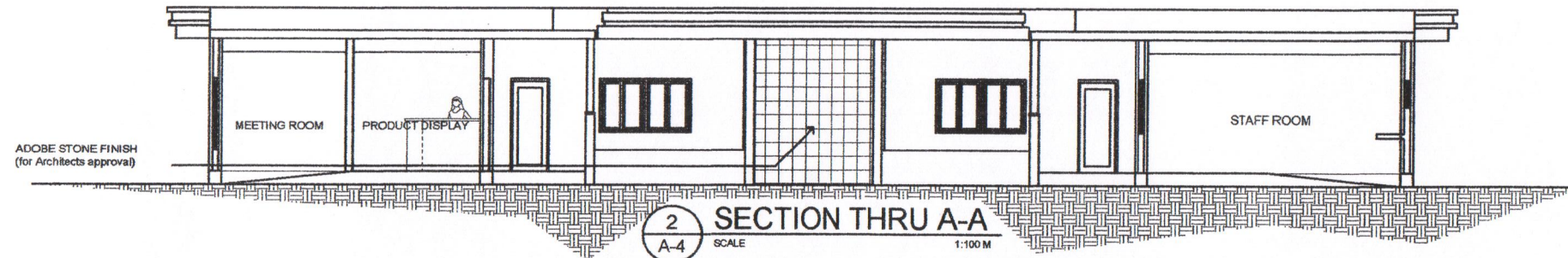
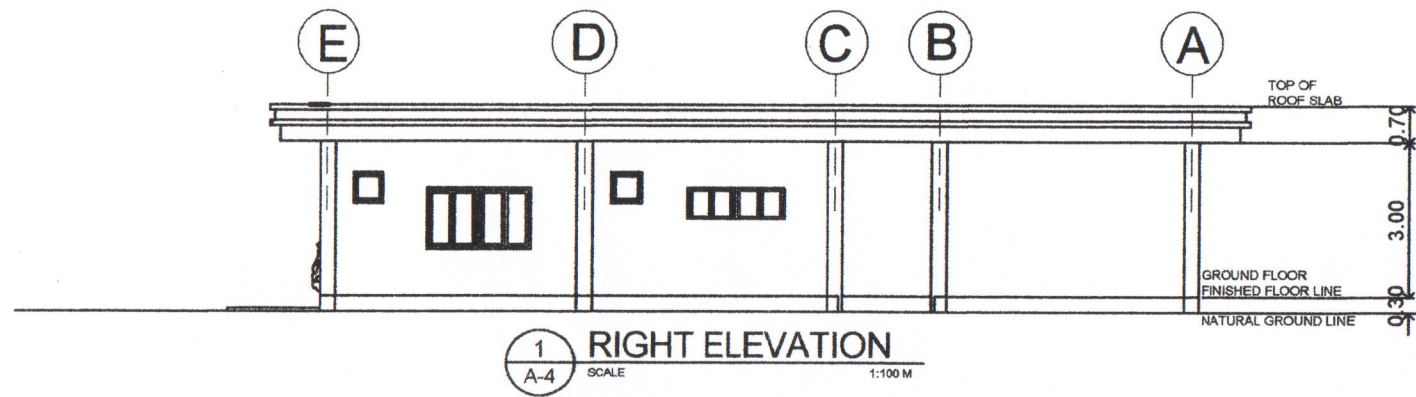
2 REAR ELEVATION
SCALE 1:100 M

PLAIN CEMENT PLASTER
PAINTED FINISH



3 LEFT ELEVATION
SCALE 1:100 M

BATAAN PENINSULA STATE UNIVERSITY TECHNICAL WORKING GROUP FOR INFRASTRUCTURE City of Balanga, Bataan 66-0818494967000168@bpu.edu.ph Telephone No. (043) 231-1049	Discipline : These drawings are instruments of service, and property and documents of Architects. It shall be unlawful for any person without the written consent of the Architect or architect of said documents, to duplicate or copy said documents. (P.A. 545, Sec. 20(a) 3)	DESIGNED BY ROBERTO O. AGUIAR, UAP REGISTERED ARCHITECT	PROJECT PROPOSED ORGANIC AGRICULTURE RESEARCH AND DEVELOPMENT FACILITY	PROJECT CLIENT BATAAN PENINSULA STATE UNIVERSITY	RECOMMENDED BY DR. EDMUNDO C. TUNGOL VICE PRESIDENT FOR ADMIN. AND FINANCE	APPROVED BY DR. GREGORIO J. RODIS UNIVERSITY PRESIDENT	SHOWN AS SHOWN	SHEET NO. A 34
		REV. NO. 1/2021	LOCATION BPSU (ABUCAT CAMPUS), ABUCAT, BATAAN					
		DATE 09/16/2020						
		PLACE BALANGA CITY						



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TECHNICAL PLANNING GROUP FOR INFRASTRUCTURE
City of Alabang, Iloilo

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25 (b))

ROBERT O. AGUIR, R. UAP
Architect
PDR NO. 10709
PDR NO. 488386
DATE: JUN 16, 2009
PLACE: ILOILO CITY
SIGNED FOR ME

PROJECT
PROPOSED ORGANIC AGRICULTURE
RESEARCH AND DEVELOPMENT FACILITY
LOCATION
BPSU (ABUCAY CAMPUS), ABUCAY,
BATAAN

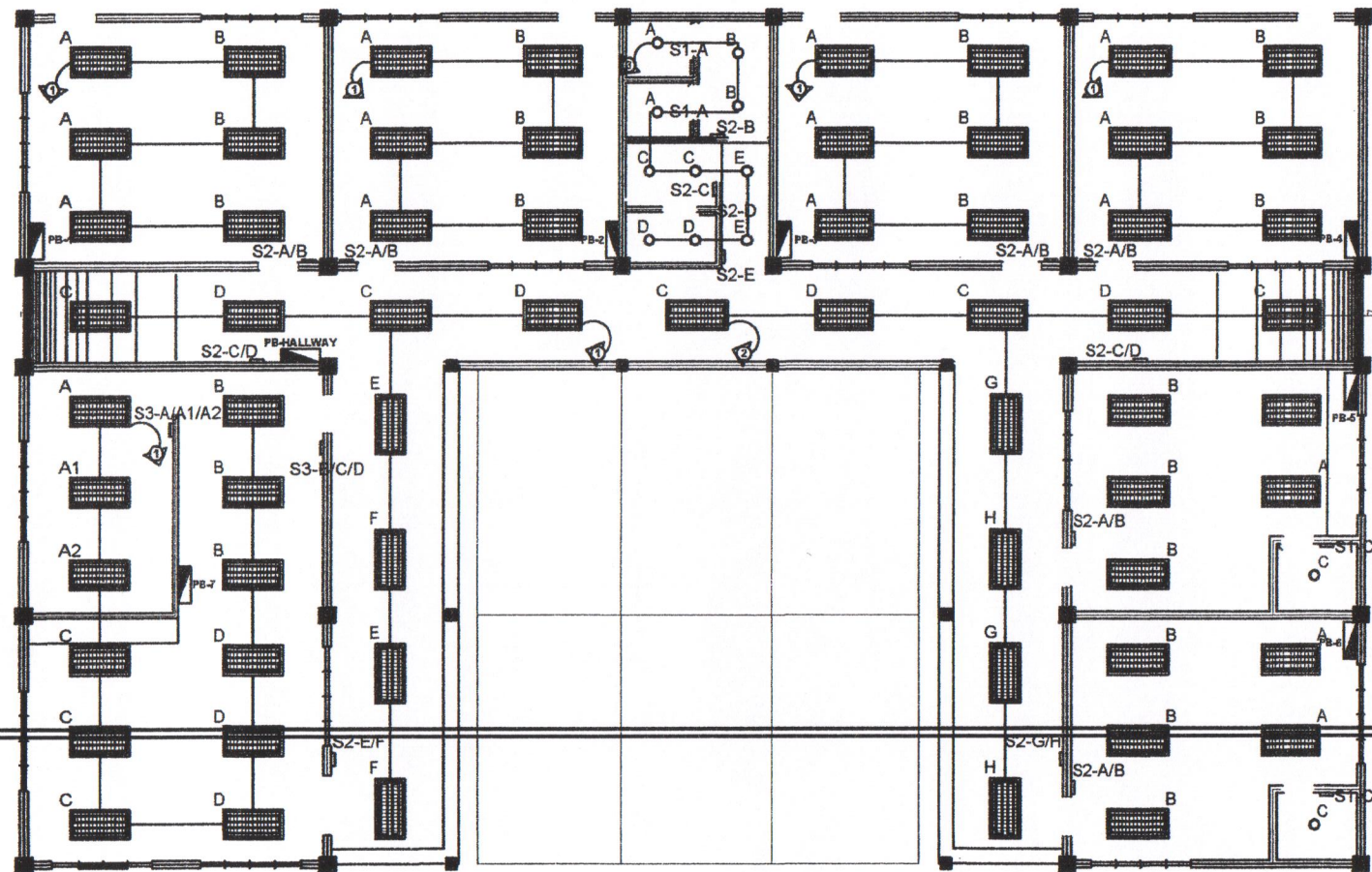
PROJECT CLIENT
BATAAN PENINSULA STATE UNIVERSITY

DESIGNED BY
DR. EDMUNDO C. TUNGOL
VICE PRESIDENT FOR AGRICULTURE AND FISHERIES

APPROVED BY
DR. GREGORIO J. RODIS
UNIVERSITY PRESIDENT

AS SHOWN

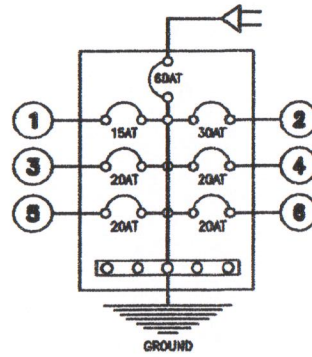
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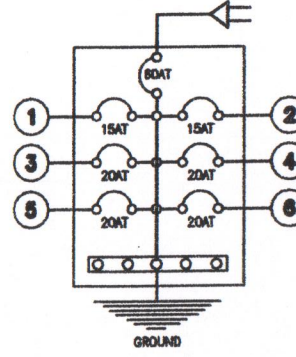
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E-1 SCALE 1:100 M

GROUND LIGHTING LAYOUT

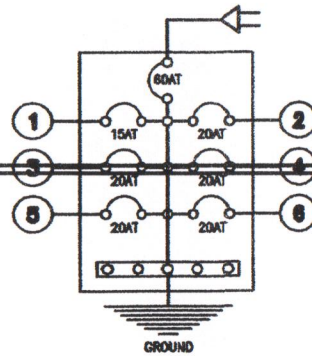
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		REV. NO. 1	DATE 2023-05-10	LOCATION BPSU (ABUCAY CAMPUS), ABUCAY, BATAAN						
		DATE 2023-05-10	DATE 2023-05-10							
		DATE 2023-05-10								



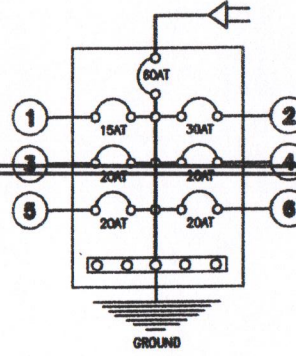
SCHEDULE AND LOAD COMPUTATION						
PB-1 TO PB-4						
NO.	DESCRIPTION	NO. OUTLET	VOLTS	VA	AMP PER CIR	SIZE OF WIRE PER CONDUIT
1	LIGHTING OUTLET	6	220	600	2.60	15 FT 2-3.50 mm ² THHN CU
2	COMMERCIAL OUTLET	6	220	2000	13.02	20 FT 1-3.50 mm ² THHN CU (4)
3	ACU 2.5HP	1	220	1000	8	20 FT 1-3.50 mm ² THHN CU (4)
4	ACU 2.5HP	1	220	1000	8	20 FT 1-3.50 mm ² THHN CU (4)
5	SWIRE	1	220	1000	8.02	20 FT 1-3.50 mm ² THHN CU (4)
6	SWIRE	1	220	1000	8.02	20 FT 1-3.50 mm ² THHN CU (4)
TOTAL				10,100	44.77	80 FT 2-25.0 mm ² THHN CU (4)



SCHEDULE AND LOAD COMPUTATION						
PB-HALLWAY						
NO.	DESCRIPTION	NO. OUTLET	VOLTS	VA	AMP PER CIR	SIZE OF WIRE PER CONDUIT
1	LIGHTING OUTLET	6	220	600	2.67	15 FT 2-3.50 mm ² THHN CU
2	LIGHTING OUTLET	6	220	600	2.61	15 FT 2-3.50 mm ² THHN CU
3	LIGHTING OUTLET (VOLT FLUORESCENT)	10	220	1000	4.54	15 FT 2-3.50 mm ² THHN CU
4	COMMERCIAL OUTLET	6	220	2160	9.36	20 FT 1-3.50 mm ² THHN CU (4)
5	ACU 2.5HP	1	220	1000	8	20 FT 1-3.50 mm ² THHN CU (4)
6	ACU 2.5HP	1	220	1000	8	20 FT 1-3.50 mm ² THHN CU (4)
TOTAL				6560	37.13	80 FT 2-25.0 mm ² THHN CU (4)



SCHEDULE AND LOAD COMPUTATION						
PB-5 TO PB-6						
NO.	DESCRIPTION	NO. OUTLET	VOLTS	VA	AMP PER CIR	SIZE OF WIRE PER CONDUIT
1	LIGHTING OUTLET	6	220	600	2.60	15 FT 2-3.50 mm ² THHN CU
2	COMMERCIAL OUTLET	6	220	2160	9.36	20 FT 1-3.50 mm ² THHN CU (4)
3	ACU 2.5HP	1	220	1000	8	20 FT 1-3.50 mm ² THHN CU (4)
4	ACU 2.5HP	1	220	1000	8	20 FT 1-3.50 mm ² THHN CU (4)
5	SWIRE	1	220	1000	8.02	20 FT 1-3.50 mm ² THHN CU (4)
6	SWIRE	1	220	1000	8.02	20 FT 1-3.50 mm ² THHN CU (4)
TOTAL				6400	41.04	80 FT 2-25.0 mm ² THHN CU (4)



SCHEDULE AND LOAD COMPUTATION						
PB-7						
NO.	DESCRIPTION	NO. OUTLET	VOLTS	VA	AMP PER CIR	SIZE OF WIRE PER CONDUIT
1	LIGHTING OUTLET	12	220	1200	5.21	15 FT 2-3.50 mm ² THHN CU
2	COMMERCIAL OUTLET	10	220	2000	15.45	20 FT 1-3.50 mm ² THHN CU (4)
3	ACU 2.5HP	1	220	1000	8	20 FT 1-3.50 mm ² THHN CU (4)
4	ACU 2.5HP	1	220	1000	8	20 FT 1-3.50 mm ² THHN CU (4)
5	SWIRE	1	220	1000	8.02	20 FT 1-3.50 mm ² THHN CU (4)
6	SWIRE	1	220	1000	8.02	20 FT 1-3.50 mm ² THHN CU (4)
TOTAL				11,400	48.81	80 FT 2-25.0 mm ² THHN CU (4)

1 RISER DIAGRAM AND SCHEDULE OF LOADS E-3 SCALE NTS

[Signature]



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ROBERT O. AGUIAR, UAP
ARCHITECT
PRA. NO. 12345
PUB. NO. 000000
DATE: JAN 10, 2000
PLACED: BATAAN CITY
BY: [Signature]

PROPOSED ORGANIC AGRICULTURE
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BATAAN

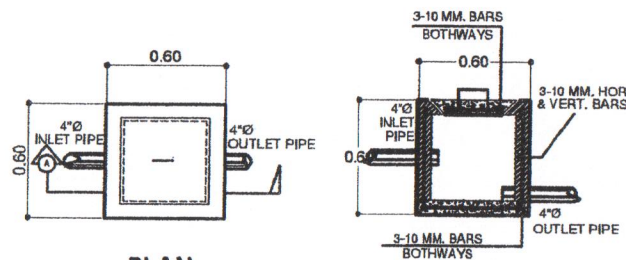
BATAAN PENINSULA STATE UNIVERSITY

DESIGNED BY
DR. EDUARDO J. TUNGOL
VICE PRESIDENT FOR ADMIN. AND FINANCE

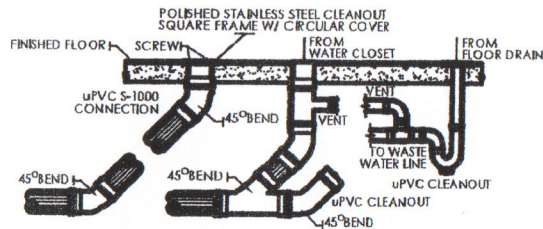
APPROVED BY
DR. GREGORIO J. RODIS
UNIVERSITY PRESIDENT

AS SHOWN

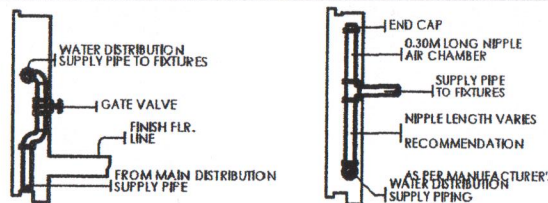
E 3/3



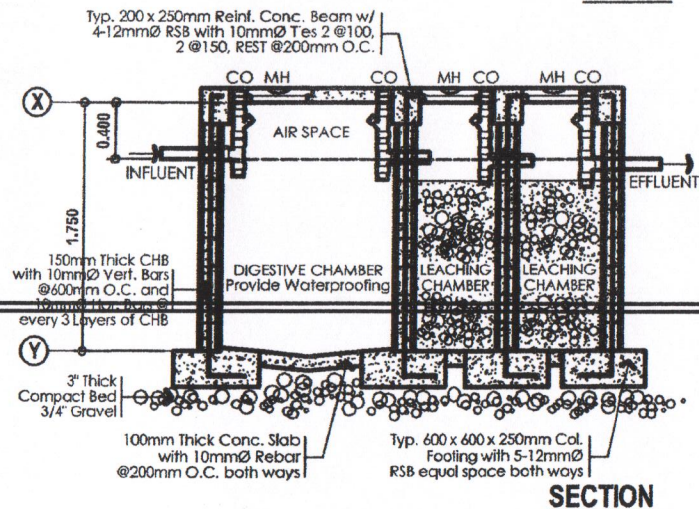
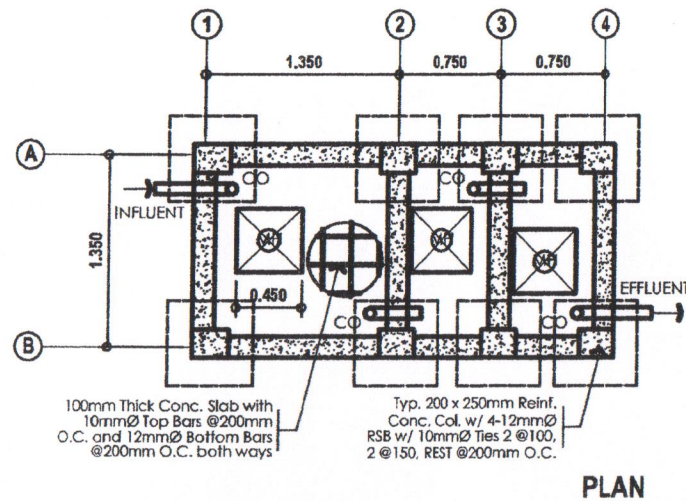
CATCH BASIN DETAIL
SCALE 1:20 MTS



CLEANOUT, DRAIN & VENT DETAIL
SCALE N T S



GATE VALVE AND AIR CAP DETAIL
SCALE N T S



SEPTIC TANK DETAIL
SCALE 1:20 MTS

GENERAL PLUMBING NOTES AND SPECIFICATION :

REF. RA 1378 NATIONAL PLUMBING CODE OF THE PHILS.

I EXECUTION OF PLUMBING WORK

ALL PLUMBING WORK INCLUDE HEREIN SHALL BE EXECUTED ACCORDING TO THE REQUIREMENT OF THE PHILIPPINES PLUMBING CODE THE RULES AND THE REGULATION OF THE CITY GOVERNMENT, OR MUNICIPALITY

II NOTIFICATION OF ARCHITECT

COORDINATION WITH DRAWING AND OTHER RELATED SPECIFICATION, THE ARCHITECT SHALL BE NOTED IMMEDIATELY IF ANY DISCREPANCY FOUND THEREIN

III RELOCATION OF PIPES

PIPES SHALL BE INSTALLED AS INDICATED ANY RELOCATION REQUIREMENT FOR PROPER EXECUTION OF OTHER TRADES SHALL BE WITH PRIOR APPROVAL OF ARCHITECT AND ENGINEER

IV SANITARY UTILITIES

PROPOSE SANITARY UTILITIES SHALL CONFORMED TO THE ACTUAL LOCATION, DEPTH AND INVERTED ELEVATION OF ALL EXISTING PIPES AND STRUCTURE

V FIXTURES

ALL FIXTURES SHALL BE VENTED UNLESS OTHERWISE INDICATED

VI GRADES OF HORIZONTAL PIPING

RUN ALL HORIZONTAL PIPING PERFECT ALIGNMENT AND AT UNIFORM OF NOT LESS THAN TWO PERCENT (2%)

VII CHANGE OF DIRECTION

ALL CHANGE OF DIRECTION SHALL BE MADE BY APPROPRIATE USE OF THE 45° WYES, LONG SWEEP, QUARTER BEND SIXTH OR EIGHTH TO SIXTEENTH BENDS A SINGLE 1/8 BEND COMBINATION MAY BE USE ON VERTICAL STACK AND SHORT QUARTER BEND MAY BE USE VENT TYPES

VIII PROHIBITED FITTINGS

NO DOUBLE HUBS, DOUBLE TEE BRANCH SHALL BE USE ON HORIZONTAL SOIL WASTE LINE, THE DRILLING OR TAPPING OF HOUSE DRAIN WASTE OR VENT PIPES AND SADDLE HUBS AND VENT PROHIBITED

IX SLEEVES (NOT APPLICABLE)

PROVIDE PIPE SLEEVES AT WALLS COLUMN SLAB ONE SLAB ONE BIGGER THAN ACTUAL SIZE PASSING THROUGH WALLS OR SLAB TO PIPES FROM BREAKAGE

X CLEANOUT PIPES

CLEANOUT ARE REQUIRE UNDER THE FOLLOWING CONDITION
1. EVERY CHANGE IN HORIZONTAL DIRECTION EXCEEDING 22 1/2 ONE HALF DEGREES.
2. 150mm. IN THE PROPOSED LINE THE DEATH CONNECTOR
3. EVERY 150mmØ IN HORIZONTAL RUN PIPE
4. AT THE END OF THE HORIZONTAL PIPE LINE

XI DEAD END AVOIDED

A DEAD END IN THE INSTALLATION OF ANY PLUMBING SYSTEM IS PROHIBITED

XII NO REVISION IN THE DESIGN SHALL BE DONE WITH OUT THE PROPER KNOWLEDGE AND APPROVAL OF THE DESIGNER AND THE OWNER ANY SUCH REVISION D ONE WITHOUT THE APPROVAL SHALL COURSE RESPONSIBILITY OF THE DESIGNER/ARCHITECT TO CEAS A WHOLE

XIII NO PIPING WORK FIXTURE OR EQUIPMENT SHALL BE CONCEALED OR COVERED BY ANY MAINS BEFORE THEY HAVE BEEN PRESSURE TESTED, FLOW TESTED AND INSPECTED BY THE ARCHITECT HAVING THE JURISDICTION OF THE WORK

XIV ALL WORK SHALL BE COMPLETELY INSTALLED AND TESTED AS REQUIRED BY THE SECTION 137B AND SHALL BE LEAKTIGHT AT T Q

XV UNLESS OTHERWISE NOTED AND SPECIFIED, USE NEXTEX BRAND TO ALL MATERIALS OF ROUGHING OR AND APPROVED BY EQUIVALENT



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TECHNICAL WORKS GROUP FOR INFRASTRUCTURE
City of Bataan, Bataan
Email: bpsu.bpsu@bataan.gov.ph
Telephone: (044) 221-1549

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ROBERT O. AGUILAR, UAP
ARCHITECT
ROR. NO. 17096
PTR NO. 0000000
CEN. NO. 0000000
PLAID: 0000000
ROR. NO. 0000000

PROPOSED ORGANIC AGRICULTURE
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BATAAN

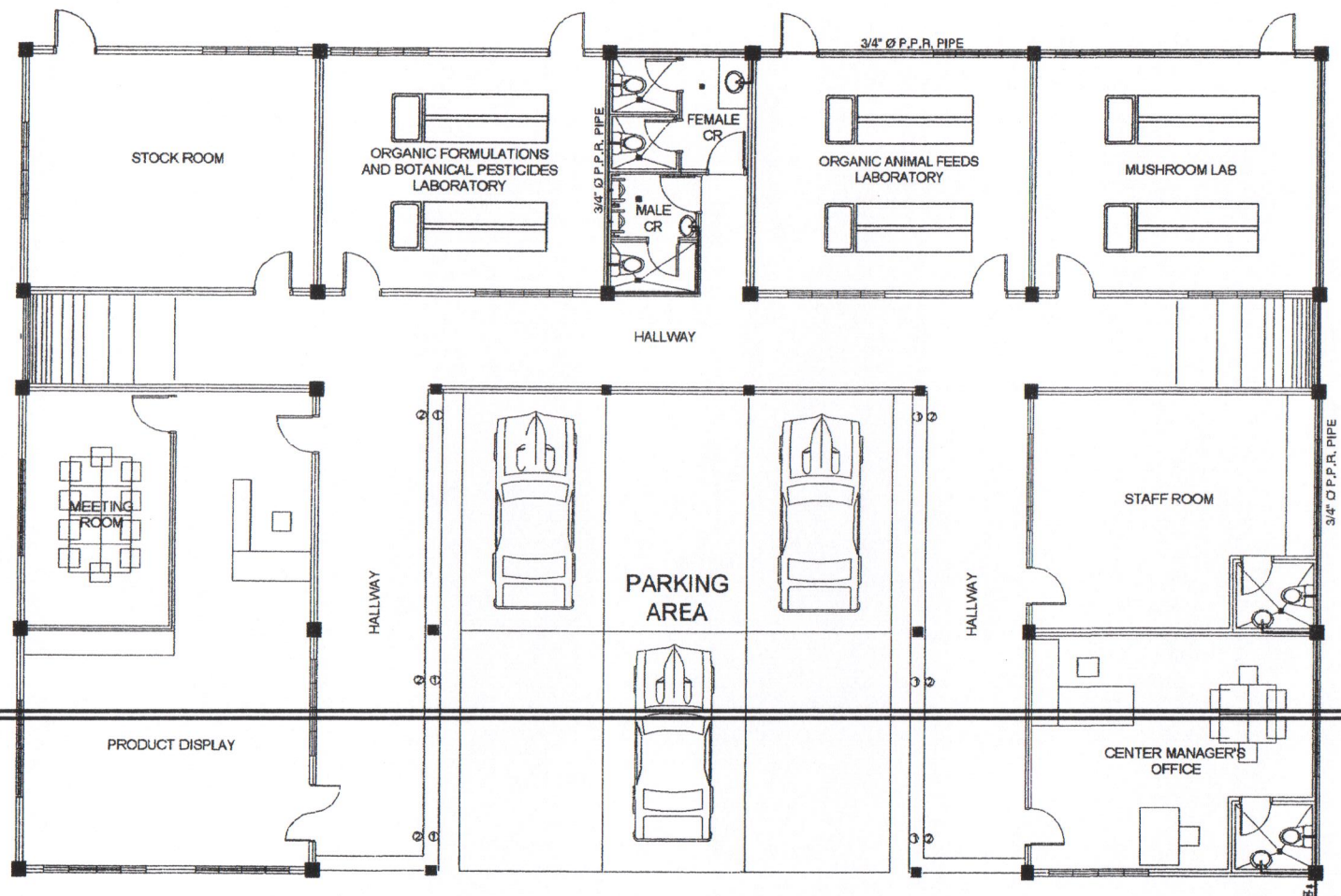
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RECOMMENDED BY
[Signature]
DR. EDUARDO C. TUNGOL
VICE PRESIDENT FOR ACADEMIC AND FINANCE

APPROVED BY
[Signature]
DR. GREGORIO J. RODIS
UNIVERSITY PRESIDENT

AS SHOWN

13



1 GROUND FLOOR WATER LINE
P-2 SCALE 1:100 M

TAP TO
NEAREST
WATER LINE
SYSTEM



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ROBERT O. AQUILAR, UAP
ARCHITECT
P.R. NO. 444444
DATE JUL 18, 2008
PLACE BATAAN CITY

PROJECT
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RESEARCH AND DEVELOPMENT FACILITY
LOCATION
BPSU (ABUCAY CAMPUS), ABUCAY,
BATAAN

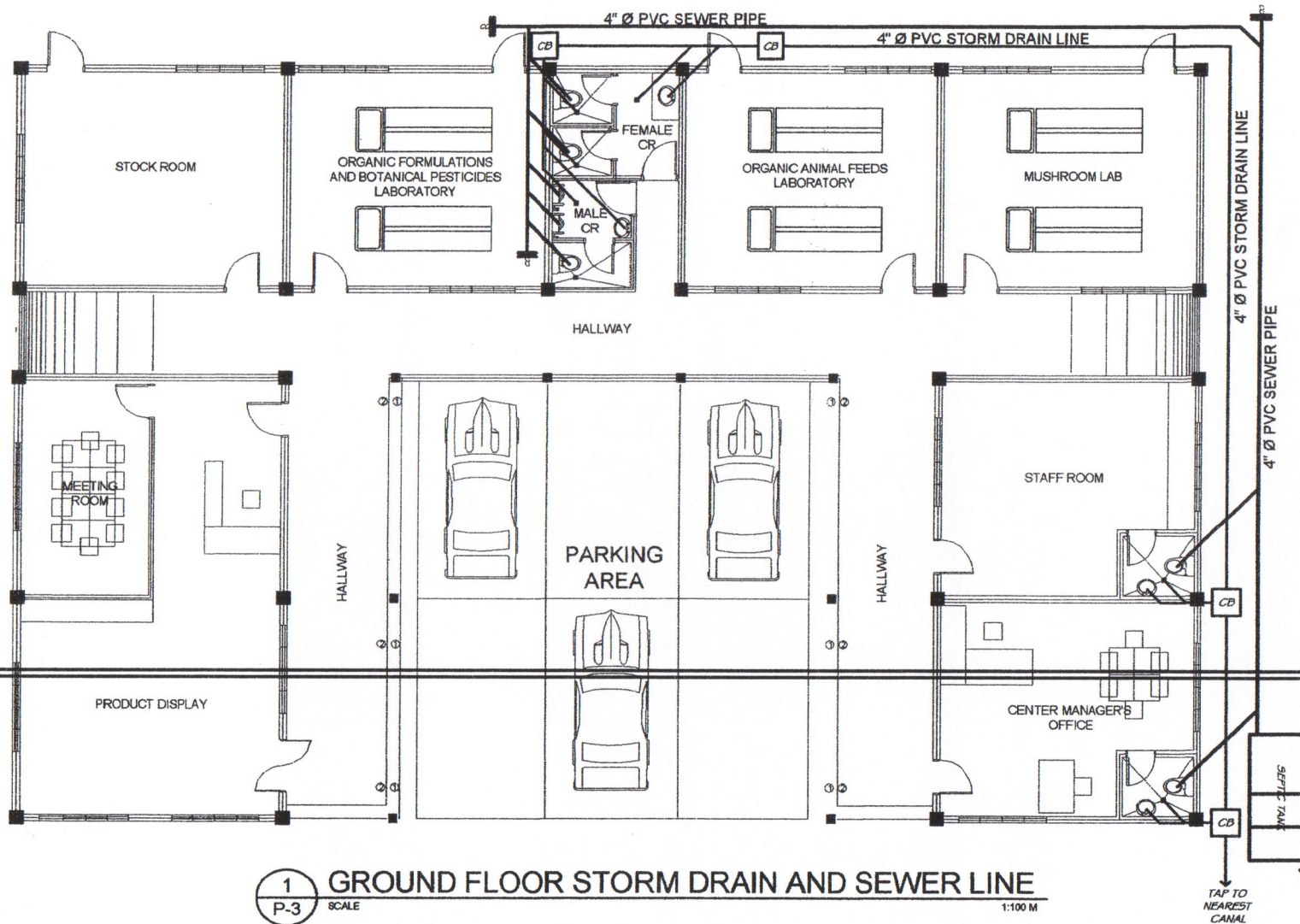
PROJECT CLIENT
BATAAN PENINSULA STATE UNIVERSITY

DESIGNED BY
DR. EDMUNDO C. TUNGOL
VICE PRESIDENT FOR ACADEMICS AND FOUNDER

APPROVED BY
DR. GREGORIO J. RODAS
UNIVERSITY PRESIDENT

AS SHOWN

P
2/3



1
P-3

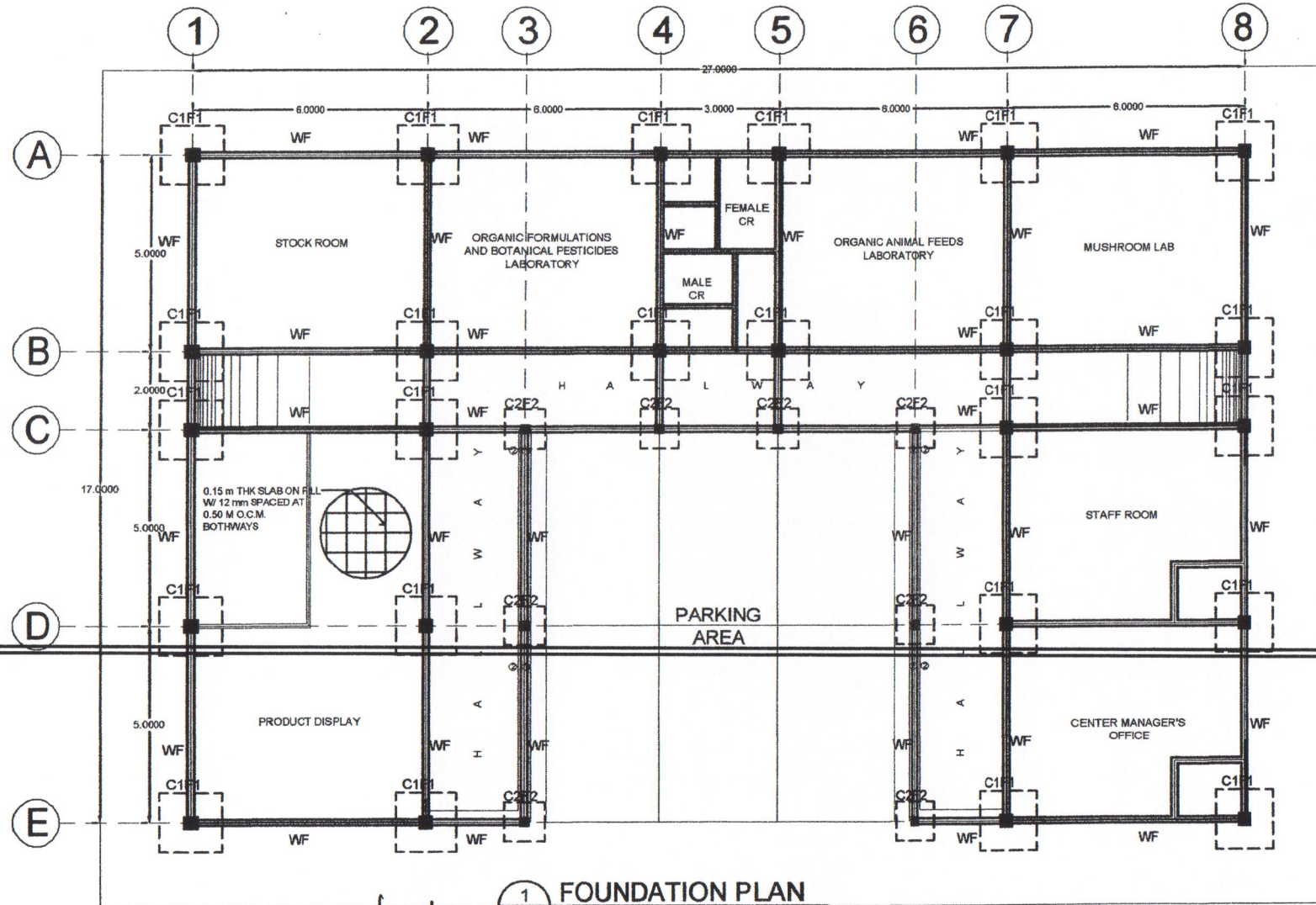
GROUND FLOOR STORM DRAIN AND SEWER LINE

SCALE

1:100 M

Robert O. Aguirre, UAP

	BATAAN PENINSULA STATE UNIVERSITY TECHNICAL WORKING GROUP FOR INFRASTRUCTURE City of Bataan, Bataan Email: bpsu.hq@bpu.edu.ph Telephone No. (048) 337-1549	Dependent : These drawings are instruments of service, the property and documents of Bataan Peninsula State University. They shall be submitted for any purpose without the written consent of the architect or engineer of record. No duplicate or copy shall be made. (B.A. 545, Sec. 2010)	DESIGNED BY ROBERT O. AGUIRRE, UAP DRAWN BY YVES CHECKED BY 000000 DATE JUN 20, 2020 PLACE BALABARA CITY	PROJECT PROPOSED ORGANIC AGRICULTURE RESEARCH AND DEVELOPMENT FACILITY LOCATION BPSU (ABUCAY CAMPUS), ABUCAY, BATAAN	PROJECT CLIENT BATAAN PENINSULA STATE UNIVERSITY	RECOMMENDED BY DR. EDUARDO C. TUNGOL VICE PRESIDENT FOR ACADEMIC AND FINANCE	APPROVED BY DR. GREGORIO J. RODIS UNIVERSITY PRESIDENT	SHEET DESCRIPTION AS SHOWN	SHEET NO. P 3/3
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TECHNICAL WORKING GROUP FOR INFRASTRUCTURE
City of Alibon, Bataan
E-mail: bpsu.bpsu@bpu.edu.ph
Telephone No.: (048) 224-1400

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and drawings and documents of the building
to be deposited in the office of the
author of said document, to be deposited
in the office of the author of said document.
1 B.A. 200, Sec.
25(41) 1

ROBERT O. AGUIRRE, DAP
DESIGNER
PRJ. NO. 000000
DATE: 01/10/2010
SCALE: 1:100 M
SHEET NO. 1

PROPOSED
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RESEARCH AND DEVELOPMENT FACILITY
LOCATION:
BPSU (ABUCAY CAMPUS), ABUCAY,
BATAAN

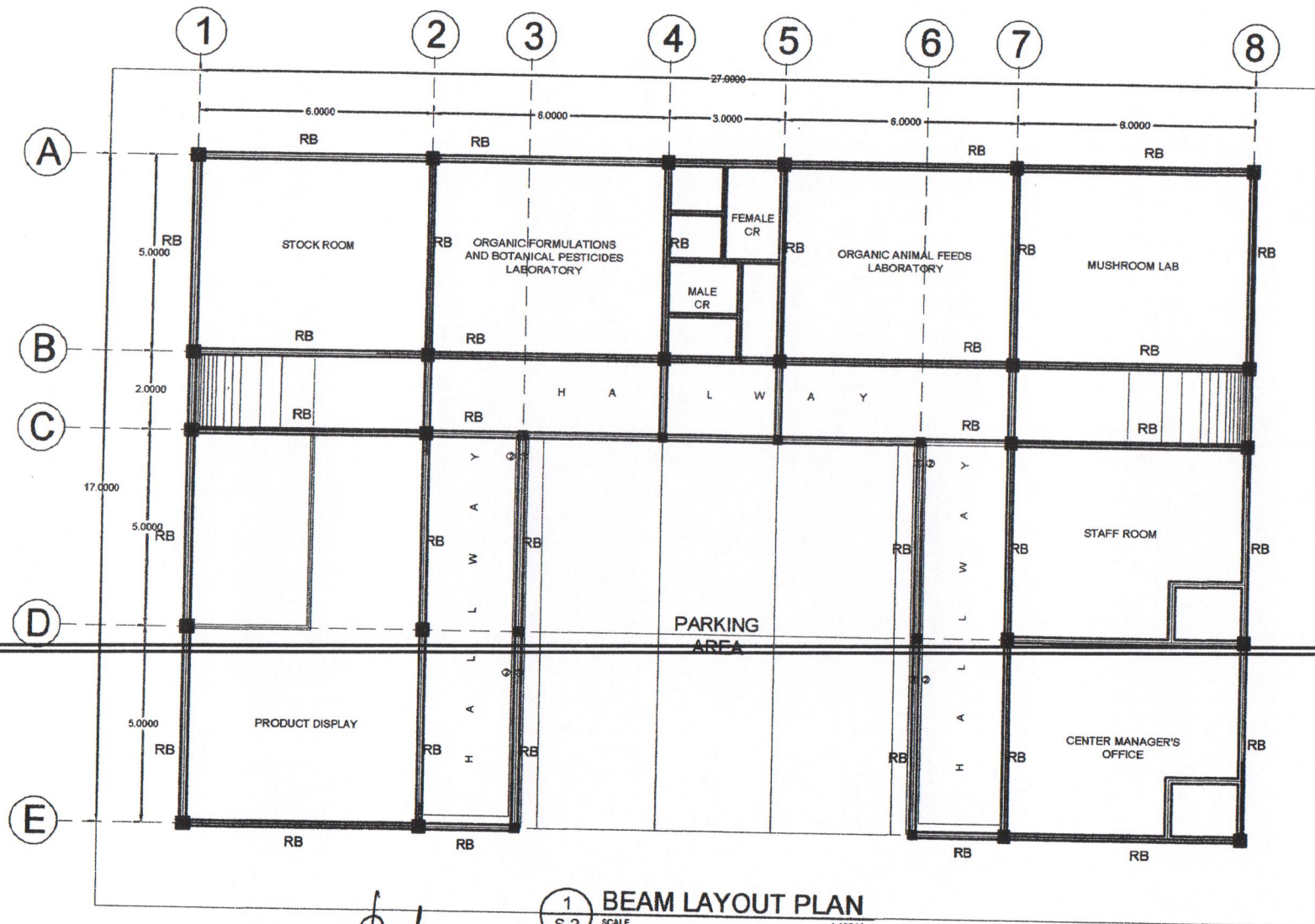
PRIMARY CLIENT
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DR. EDUARDO S. TUNGOL
VICE PRESIDENT FOR PLANNING AND FINANCE

APPROVED BY
DR. GREGORIO J. RODIS
UNIVERSITY PRESIDENT

DATE OF REVIEW
AS SHOWN

SHEET NO.
S
116



BATAAN PENINSULA STATE UNIVERSITY
TECHNICAL WORKING GROUP FOR INFRASTRUCTURE
City of Alabang, Bataan

E-mail: bpsu.infra@bpsu.edu.ph
Telephone No. 338-2343

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DESIGNED BY
CHECKED BY
DATE
DRAWN BY
DATE
PROJECT NO.

PROPOSED ORGANIC AGRICULTURE
RESEARCH AND DEVELOPMENT FACILITY
BPSU (ABUAY CAMPUS), ABUAY,
BATAAN

BATAAN PENINSULA STATE UNIVERSITY

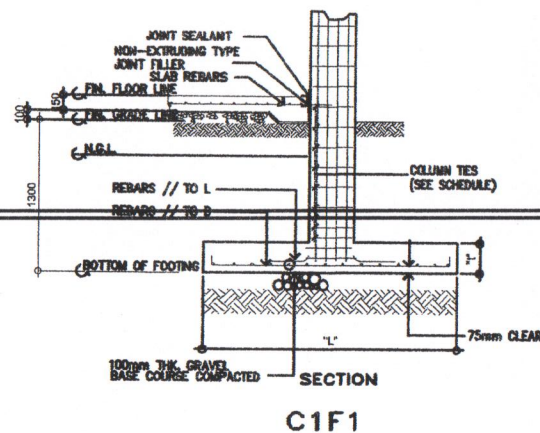
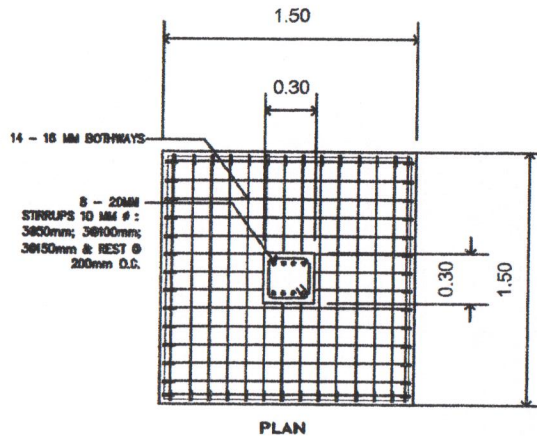
DR. EDUARDO C. JUNGCO
Vice President for Academic Affairs

DR. GREGORIO J. RODAS
University President

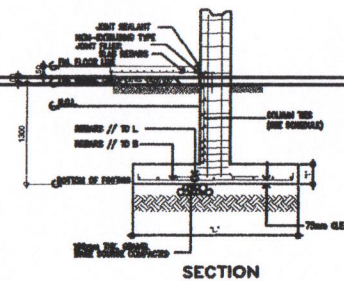
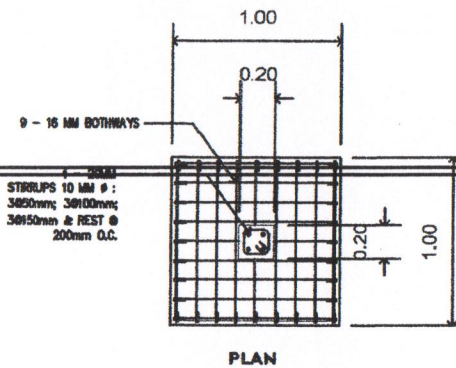
APPROVED BY
DATE

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S
216

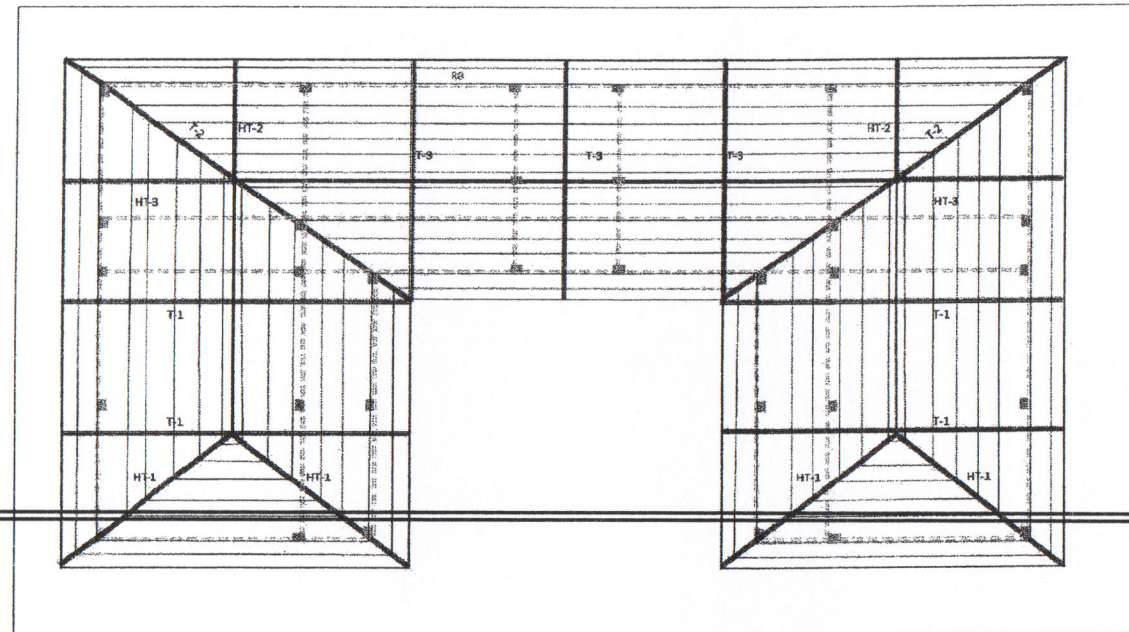
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			@ SPRT	@ MDSP	
C1	300	300	8-20mm 	8-20mm 	3@50mm; 3@100mm; 3@150mm & REST @ 200mm O.C.
C2	200	200	4-20mm 	4-20mm 	3@50mm; 3@100mm; 3@150mm & REST @ 200mm O.C.
RB	300	200	9-16mm 	9-16mm 	3@50mm; 3@100mm; 3@150mm & REST @ 200mm O.C.



1 C1F1 ISOLATED FOOTING DETAILS
S-3 SCALE NTS



2 **C2F2 ISOLATED FOOTING DETAILS**
S-3 SCALE NTS



1 ROOF FRAMING PLAN
S-5 SCALE NTS

[Signature]

 BATAAN PENINSULA STATE UNIVERSITY TECHNICAL SERVICES GROUP FOR INFRASTRUCTURE City of Alibon, Bataan E-mail: bpsu-arch@bpu.edu.ph Telephone No.: (043) 221-1545	Important: Drawings are the property of the Architect. It shall be unlawful for any person to reproduce or use the drawings without the written consent of the Architect or his/her authorized representative. In case of any dispute, the Architect shall be the final authority.	DESIGNED BY ROBERT G. AGUIAR, LUP ARCHITECT DATE JUL 10, 2008 PROJECT PROPOSED ORGANIC AGRICULTURE RESEARCH AND DEVELOPMENT FACILITY	PROJECT CLIENT BATAAN PENINSULA STATE UNIVERSITY	APPROVED BY <i>[Signature]</i> DR. EDMUNDO B. TUNGOL VICE PRESIDENT FOR ADMIN. AND FINANCE	APPROVED BY <i>[Signature]</i> DR. GREGORIO J. RODIS UNIVERSITY PRESIDENT	AS SHOWN	REVISION S 516
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