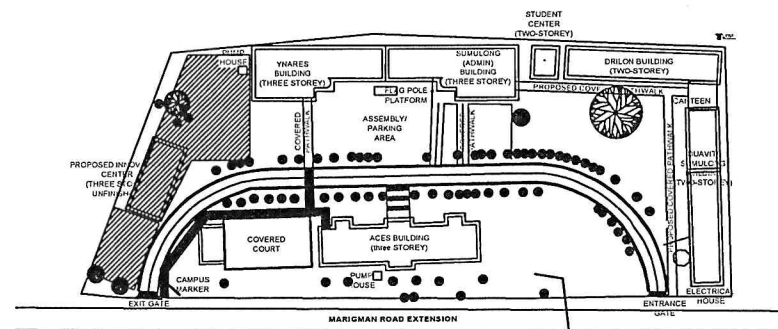


PERSPECTIVE
SCALE NTS



SITE DEVELOPMENT PLAN
SCALE NTS



UNIVERSITY OF RIZAL SYSTEM
UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT
ANTIPOLO CAMPUS

PROJECT TITLE:
**ESTABLISHMENT OF
DORMITORY AND BUSINESS
CENTER**
ANTIPOLO CAMPUS

PREPARED AND DRAWN BY:
UPFDU
CHECKED BY:
NEL JOSHUA P. DELA CRUZ, RCE
ENGINEER, UPFDU

NOTED BY:
STEVE S. MILLARE, RENP
HEAD, UPFDU

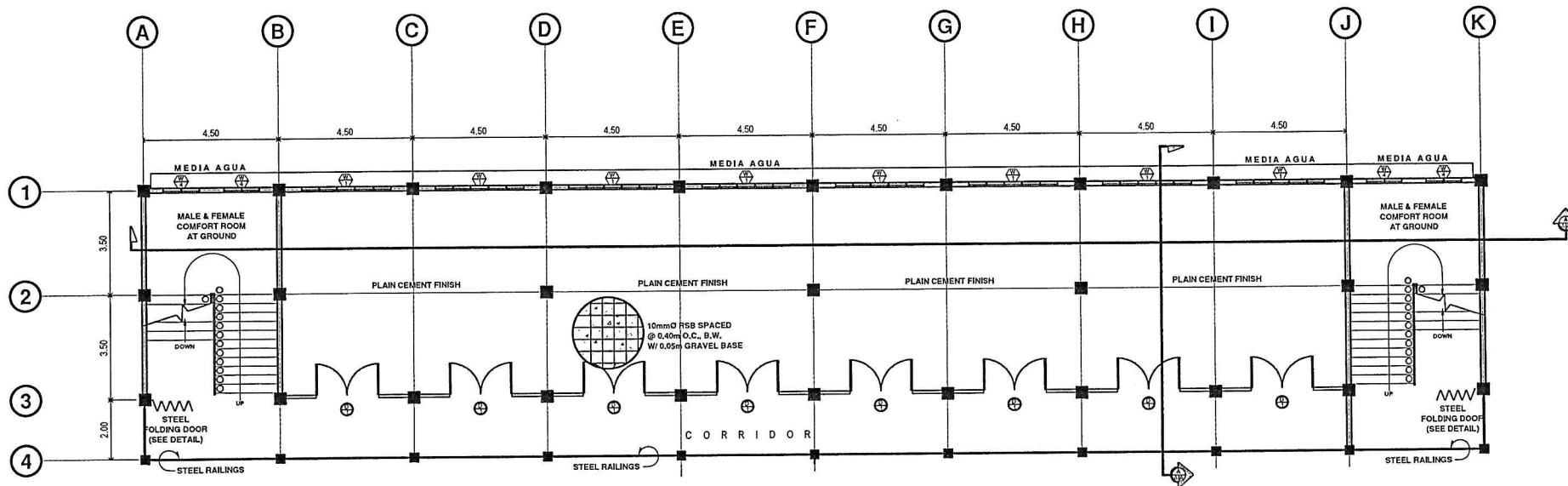
SUBMITTED BY:
BENJIE G. INGO
CHIEF ADMINISTRATIVE OFFICER

RECOMMENDING APPROVAL:
RENATO F. DE LEMON, Ph.D.
VICE PRESIDENT FOR
ADMINISTRATION AND FINANCE

APPROVED BY:
NANCY T. PASCUAL, Ed. D., RGC
PRESIDENT

SHEET NO.:

**A
1.0**

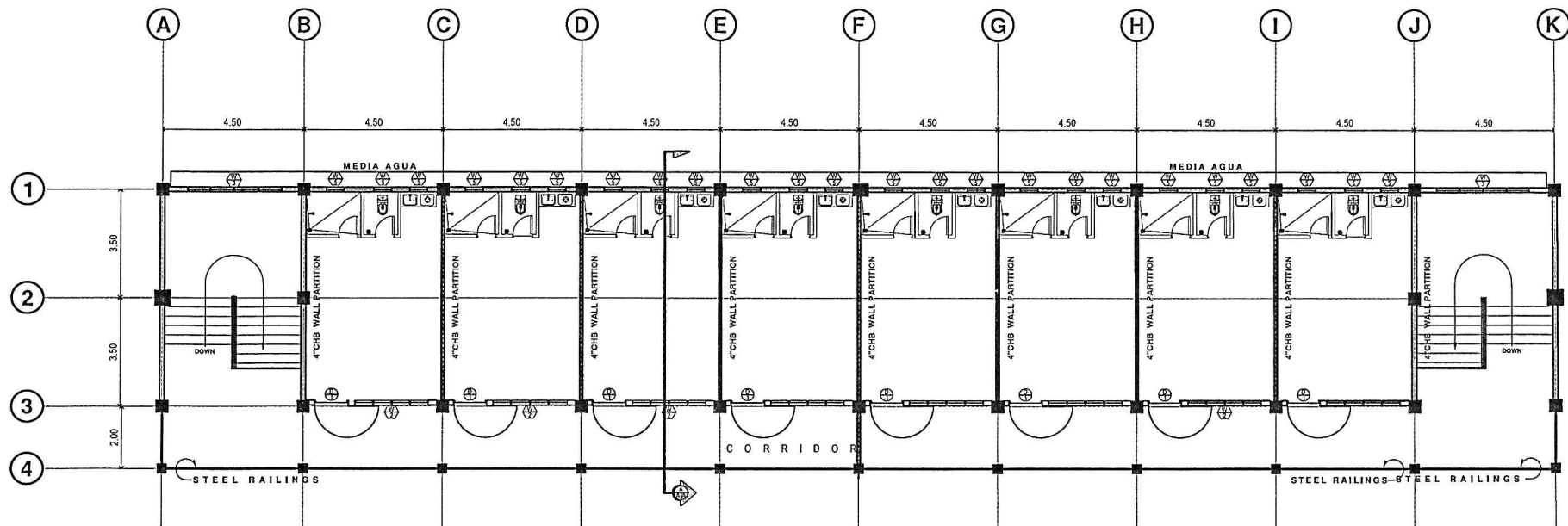


GROUND FLOOR PLAN

SCALE

NTS

 UNIVERSITY OF RIZAL SYSTEM UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT	PROJECT TITLE: ESTABLISHMENT OF DORMITORY AND BUSINESS CENTER ANTIPOLO CAMPUS	PREPARED AND DRAWN BY: UPFDU CHECKED BY: NEL JOSHUA P. DELA CRUZ, RCE ENGINEER, UPFDU	NOTED BY: STEVEN J. MILLARE, RENP HEAD, UPFDU	SUBMITTED BY: BENJIE G. INGCO CHIEF ADMINISTRATIVE OFFICER	RECOMMENDING APPROVAL: RENATO F. DE LEMON, Ph.D. VICE PRESIDENT FOR ADMINISTRATION AND FINANCE	APPROVED BY: NANCY T. PASCUAL, Ed. D., RGC PRESIDENT	SHEET NO.: A 2.0
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02
A 02
SCALE
SECOND FLOOR PLAN
NTS



UNIVERSITY OF RIZAL SYSTEM
UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT

PROJECT TITLE:
**ESTABLISHMENT OF
DORMITORY AND BUSINESS
CENTER**
ANTIPOLLO CAMPUS

PREPARED AND DRAWN BY:
UPFDU
CHECKED BY:
NEL JOSHUA P. DELA CRUZ, RCE
ENGINEER, UPFDU

NOTED BY:
STEVE S.J. MILLARE, RENP
HEAD, UPFDU

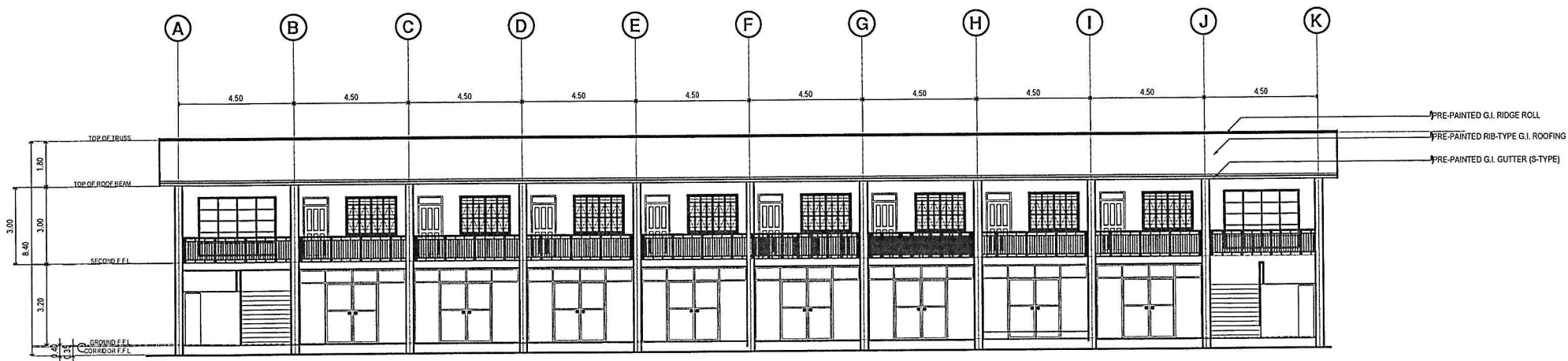
SUBMITTED BY:
BENJIE G. INGO
CHIEF ADMINISTRATIVE OFFICER

RECOMMENDING APPROVAL:
RENATO F. DELEMON, Ph.D.
VICE PRESIDENT FOR
ADMINISTRATION AND FINANCE

APPROVED BY:
NANCY T. PASCUAL, Ed. D., RGC
PRESIDENT

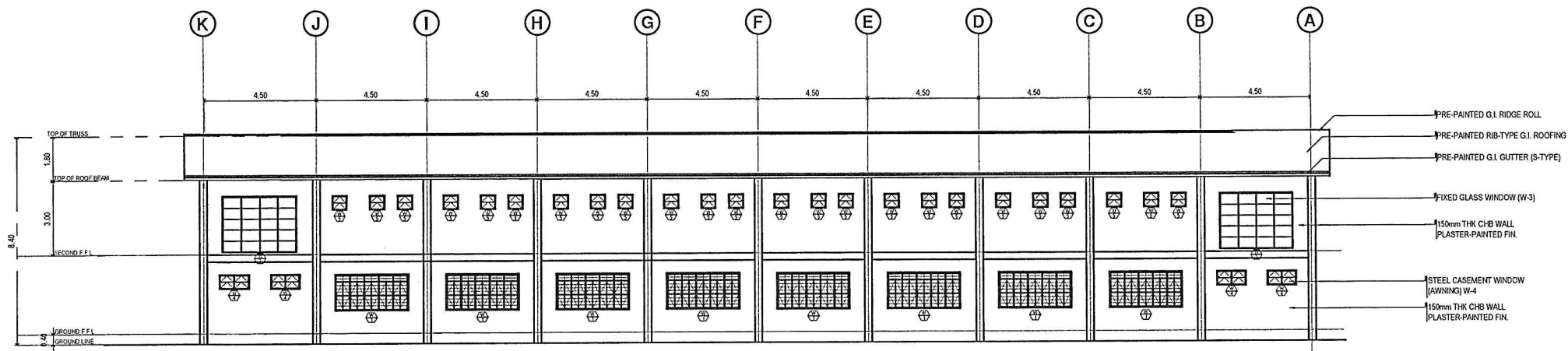
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3.0**



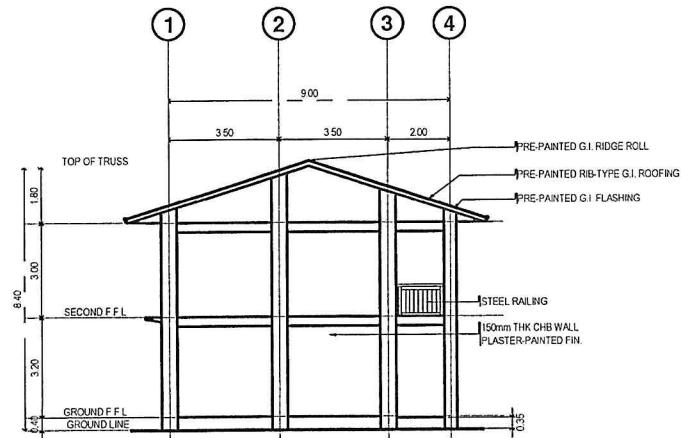
FRONT ELEVATION
SCALE NTS

 UNIVERSITY OF RIZAL SYSTEM UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT	PROJECT TITLE: ESTABLISHMENT OF DORMITORY AND BUSINESS CENTER ANTIPOLO CAMPUS	PREPARED AND DRAWN BY: UPFDU CHECKED BY: NEL JOSHUA DELA CRUZ, RCE ENGINEER, UPFDU	NOTED BY: STEVE S. MILLARE, RENP HEAD, UPFDU	SUBMITTED BY: BENIE G. INGCO CHIEF ADMINISTRATIVE OFFICER	RECOMMENDING APPROVAL: RENATO P. DE LEMON, Ph.D. VICE PRESIDENT FOR ADMINISTRATION AND FINANCE	APPROVED BY: NANCY T. PASCUAL, Ed. D., RGC PRESIDENT	SHEET NO.: A 4.0
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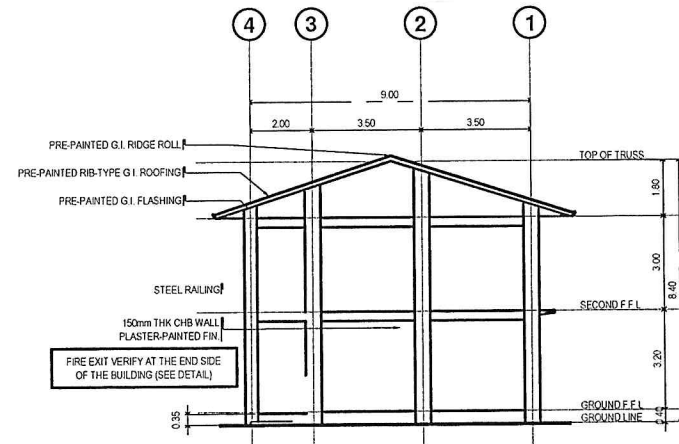


REAR ELEVATION
SCALE NTS

 UNIVERSITY OF RIZAL SYSTEM UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT	PROJECT TITLE: ESTABLISHMENT OF DORMITORY AND BUSINESS CENTER ANTIPOLLO CAMPUS	PREPARED AND DRAWN BY: UPFDU CHECKED BY: NEL JOSHUA DELA CRUZ, RCE ENGINEER, UPFDU	NOTED BY: STEVEN S. MILLARE, RENP HEAD, UPFDU	SUBMITTED BY: BENJIE G. INGCO CHIEF ADMINISTRATIVE OFFICER	RECOMMENDING APPROVAL: RENATO F. DE LEMON, Ph.D. VICE PRESIDENT FOR ADMINISTRATION AND FINANCE	APPROVED BY: NANCY T. PASCUAL, Ed. D., RGC PRESIDENT	SHEET NO.: A 5.0
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04
A1.5 SCALE
LEFT-SIDE ELEVATION
NTS



03
A1.5 SCALE
RIGHT-SIDE ELEVATION
NTS



UNIVERSITY OF RIZAL SYSTEM
UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT

PROJECT TITLE:
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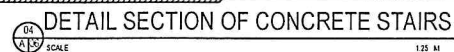
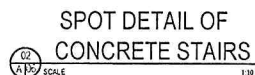
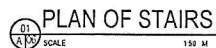
NOTED BY:
STEVE G. MILLARE, REnP
HEAD, UPFDU

SUBMITTED BY:
BENJIE G. INGCO
CHIEF ADMINISTRATIVE OFFICER

RECOMMENDING APPROVAL:
RENATO F. DE LEMON, Ph.D.
VICE PRESIDENT FOR
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PRESIDENT

SHEET NO.:
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6.0**



UNIVERSITY OF RIZAL SYSTEM
UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT

PROJECT TITLE:

ESTABLISHMENT OF DORMITORY AND BUSINESS CENTER

ANTIPOLO CAMPUS

PREPARED AND DRAWN BY:

UPFDU

CHECKED BY:



NEL JOSHUA P. DELA CRUZ, RCE
ENGINEER, UPFDU

NOTED BY:

STEVE S.J. MILLARE, REHP
HEAD, UPFOU

SUBMITTED BY:

BENJIE G. INGO
CHIEF ADMINISTRATIVE OFFICER

RECOMMENDING APPROVAL:

RENATO F. DE LEMON, Ph.D.
VICE PRESIDENT FOR
ADMINISTRATION AND FINANCE

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NANCY T. PASCUAL, Ed. D., RGC
PRESIDENT

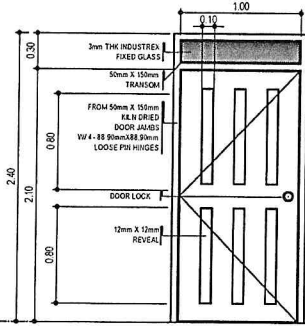
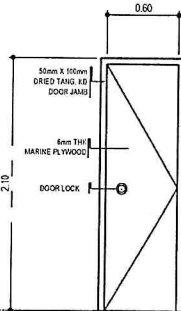
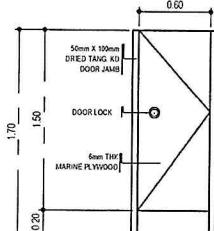
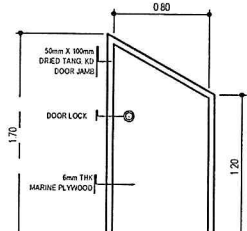
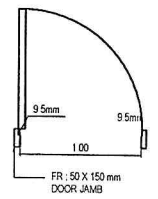
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DOORS SCHEDULE

SCALE

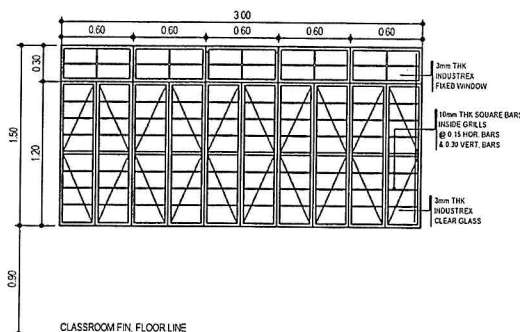
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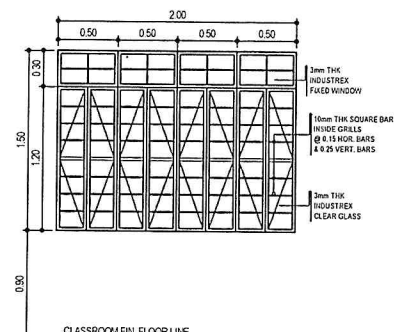
					 DOOR JAMB DETAIL
CODE	D-1	D-2	D-3	D-4	
DESCRIPTION	PANEL DOOR	FLUSH-TYPE DOOR	FLUSH-TYPE DOOR	FLUSH-TYPE DOOR	
LOCATION	SECOND FLOOR	COMFORT ROOM	COMFORT ROOM	STORAGE	
QUANTITY	8 SETS	20 SETS	6 SETS	2 SETS	

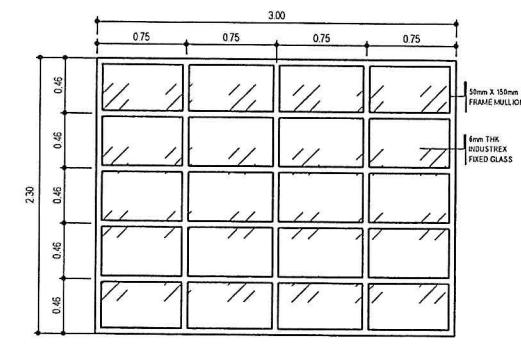
WINDOWS SCHEDULE

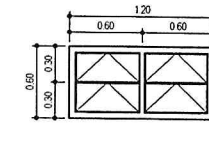
SCALE

1 : 25 M

	
CODE	W-1
DESCRIPTION	STEEL CASEMENT WINDOW
LOCATION	GROUND FLOOR
QUANTITY	8 SETS

	
CODE	W-2
DESCRIPTION	STEEL CASEMENT WINDOW
LOCATION	CLASSROOM (FRONT)
QUANTITY	8 SETS

	
CODE	W-3
DESCRIPTION	FIXED GLASS WINDOW
LOCATION	STAIRWELL
QUANTITY	2 SETS

	
CODE	W-4
DESCRIPTION	STEEL CASEMENT WINDOW (AWNING)
LOCATION	COMFORT ROOM
QUANTITY	4 SETS



UNIVERSITY OF RIZAL SYSTEM
UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT

PROJECT TITLE:

ESTABLISHMENT OF
DORMITORY AND BUSINESS
CENTER

ANTIPOLO CAMPUS

PREPARED AND DRAWN BY:

UPFDU

CHECKED BY:

NEL JOSHUA DELA CRUZ, RCE
ENGINEER, UPFDU

NOTED BY:

STEVE S. MILLARE, REnP
HEAD, UPFDU

SUBMITTED BY:

BENJIE G. INIGO
CHIEF ADMINISTRATIVE OFFICER

RECOMMENDING APPROVAL:

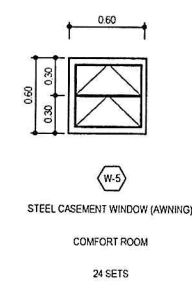
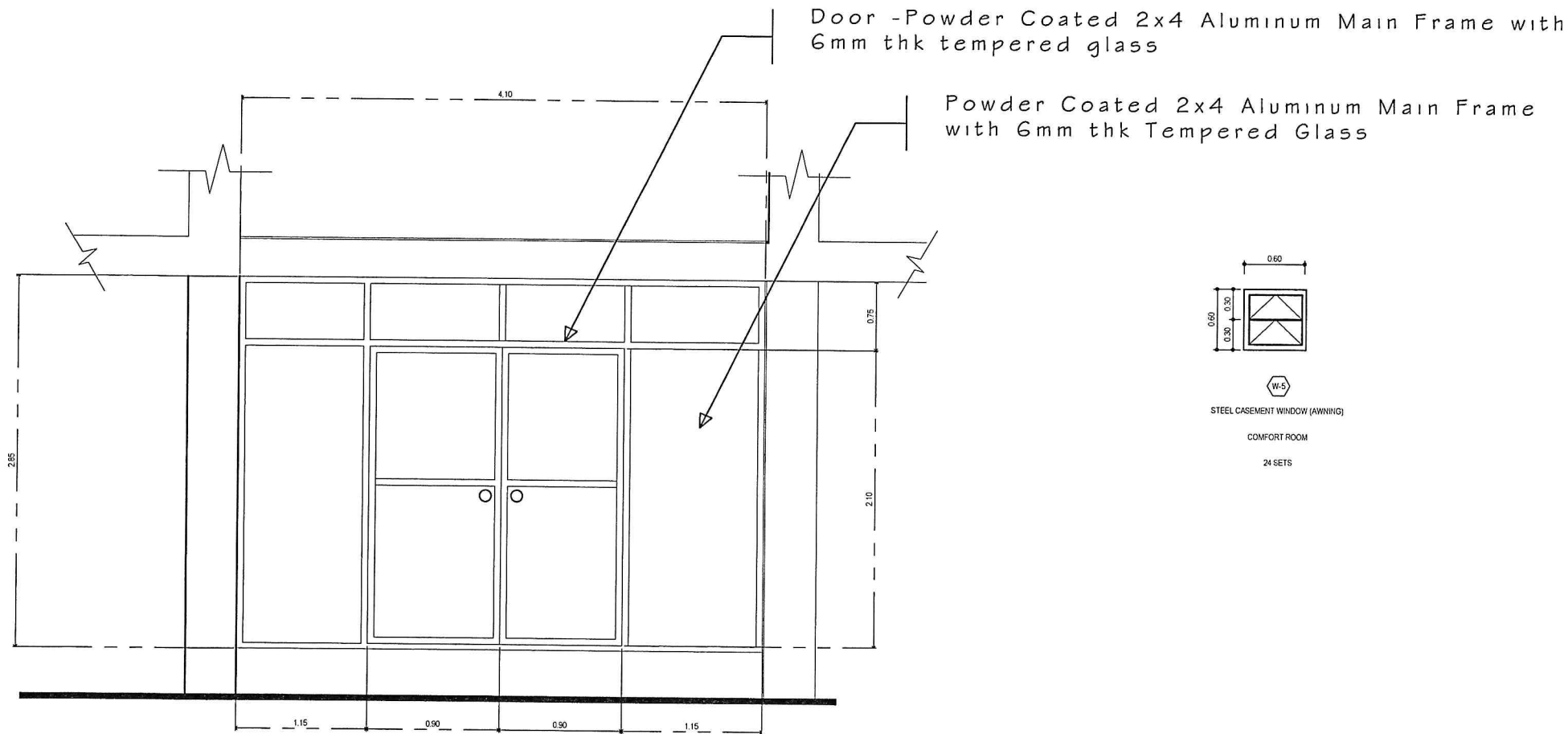
RENATO F. DE LEMON, Ph.D.
VICE PRESIDENT FOR
ADMINISTRATION AND FINANCE

APPROVED BY:

NANCY T. PASCUAL, Ed. D., RGC
PRESIDENT

SHEET NO.:

A
8.0



⊕ DETAILED ELEVATION OF STOREFRONT
SCALE NTS



UNIVERSITY OF RIZAL SYSTEM
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PROJECT TITLE:
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ENGINEER, UPFDU

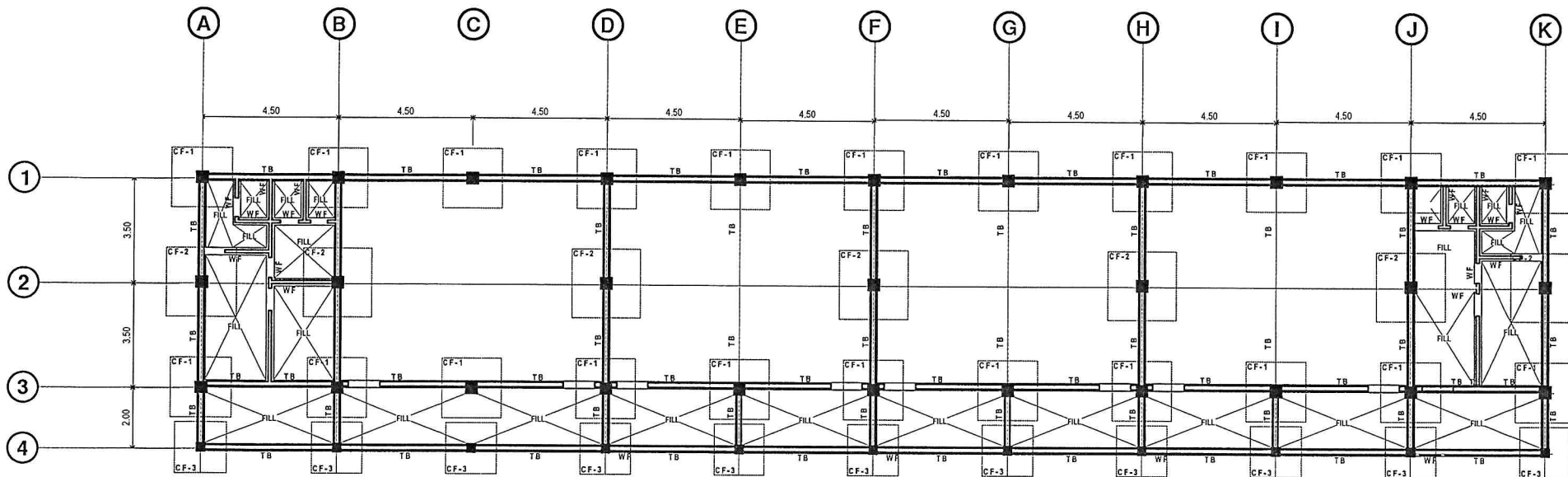
NOTED BY:
STEVE S. MILLARE, RENP
HEAD, UPFDU

SUBMITTED BY:
BENJIE G. INGCO
CHIEF ADMINISTRATIVE OFFICER

RECOMMENDING APPROVAL:
RENATO F. DE LEMON, Ph.D.
VICE PRESIDENT FOR
ADMINISTRATION AND FINANCE

APPROVED BY:
NANCY T. PASCUAL, Ed. D., RGC
PRESIDENT

SHEET NO.:
**A
9.0**




FOUNDATION PLAN
 SCALE _____ NTS



UNIVERSITY OF RIZAL SYSTEM
 UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT

PROJECT TITLE:

**ESTABLISHMENT OF
 DORMITORY AND BUSINESS
 CENTER**

ANTIPOLLO CAMPUS

PREPARED AND DRAWN BY:

UPFDU

CHECKED BY:

NEL JOSHUA P. DELA CRUZ, RCE
 ENGINEER / UPFDU

NOTED BY:

STEVE S. WILLARE, REnP
 HEAD, UPFDU

SUBMITTED BY:

BENJIE G. INGO
 CHIEF ADMINISTRATIVE OFFICER

RECOMMENDING APPROVAL:

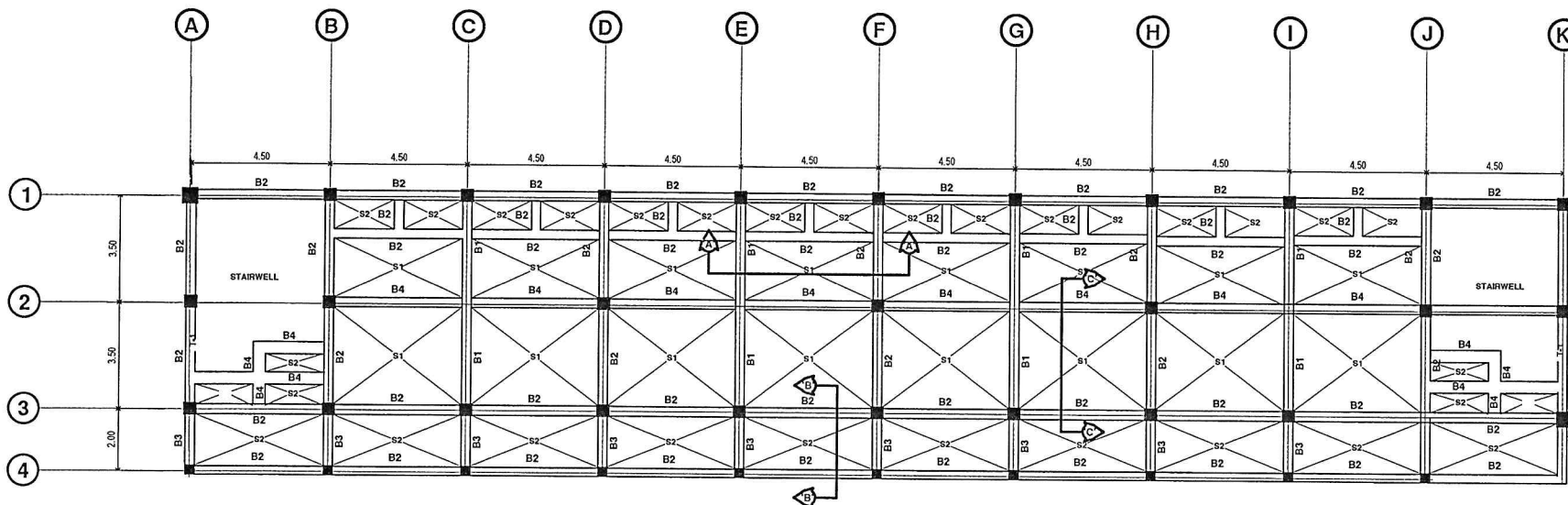
RENATO F. DE LEMON, Ph.D.
 VICE PRESIDENT FOR
 ADMINISTRATION AND FINANCE

APPROVED BY:

NANCY T. PASCUAL, Ed. D., RGC
 PRESIDENT

SHEET NO.:

**S
 1.0**



⊙ SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0" NTS



UNIVERSITY OF RIZAL SYSTEM
UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT

PROJECT TITLE:

**ESTABLISHMENT OF
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CENTER**

ANTIPOLO CAMPUS

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ENGINEER, UPFDU

NOTED BY:

STEVE S. MILLARE, RENP
HEAD, UPFDU

SUBMITTED BY:

BENJIE G. INGO
CHIEF ADMINISTRATIVE OFFICER

RECOMMENDING APPROVAL:

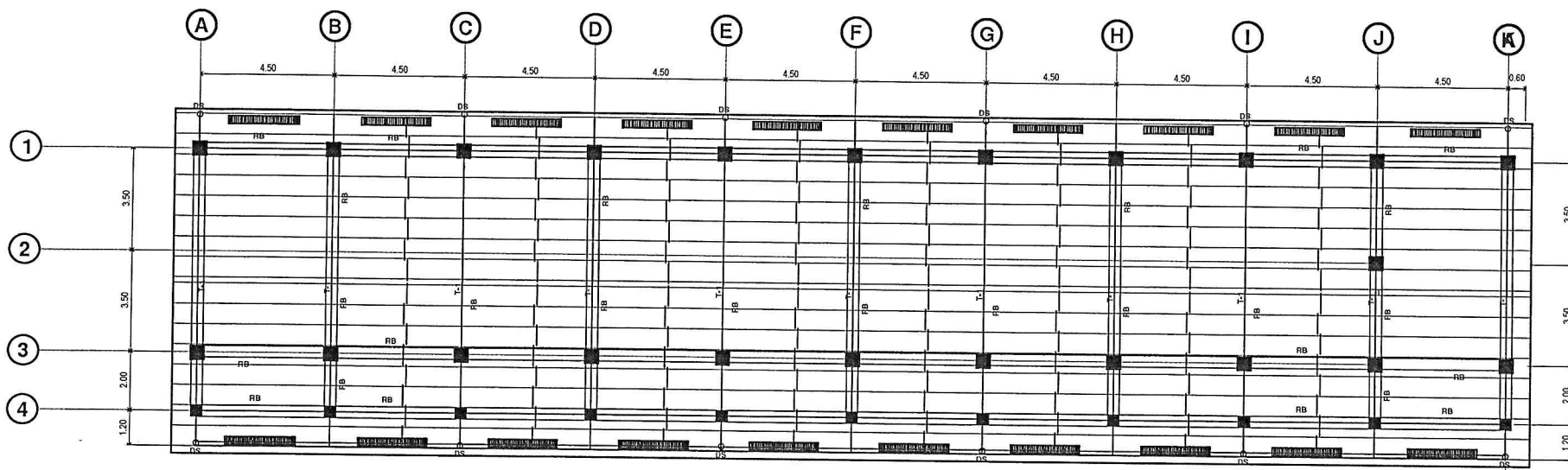
RENATO F. DE LEMON, Ph.D.
VICE PRESIDENT FOR
ADMINISTRATION AND FINANCE

APPROVED BY:

NANCY T. PASCUAL, Ed. D., RGC
PRESIDENT

SHEET NO.:

**S
2.0**



ROOF & ROOF FRAMING PLAN
 SCALE _____ N.T.S.



UNIVERSITY OF RIZAL SYSTEM
 UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT

PROJECT TITLE:

**ESTABLISHMENT OF
 DORMITORY AND BUSINESS
 CENTER**

ANTIPOLO CAMPUS

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UPFDU

CHECKED BY:

NEL JOSHUA DELA CRUZ, RCE
 ENGINEER, UPFDU

NOTED BY:

STEVE S. J. MILLARE, REnP
 HRS, UPFDU

SUBMITTED BY:

BENJIE G. INGCO
 CHIEF ADMINISTRATIVE OFFICER

RECOMMENDING APPROVAL

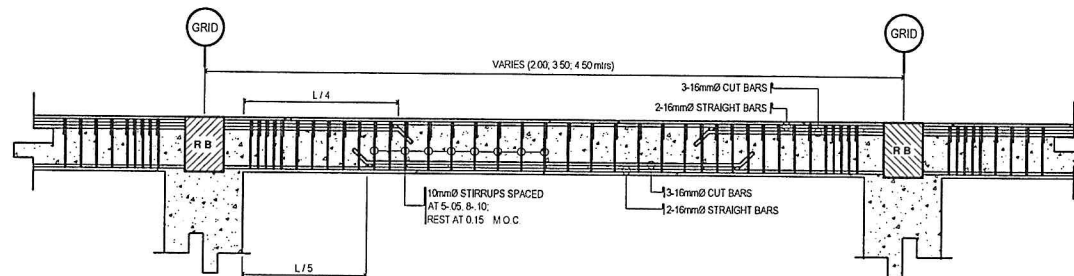
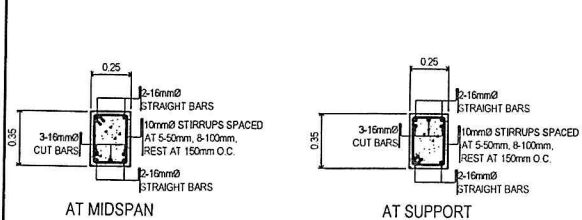
RENATO F. DEL MON, Ph.D.
 VICE PRESIDENT FOR
 ADMINISTRATION AND FINANCE

APPROVED BY:

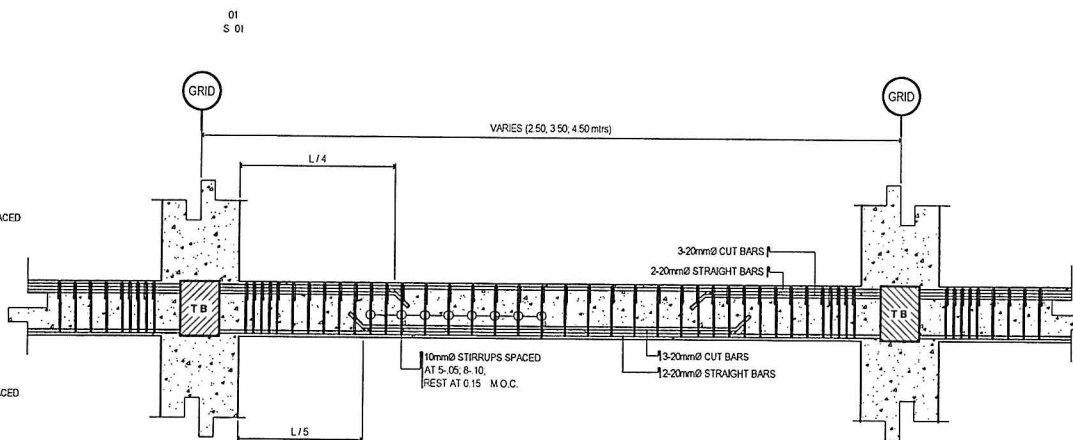
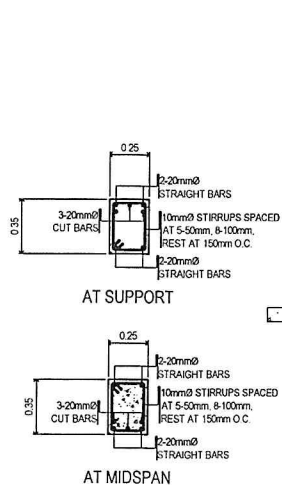
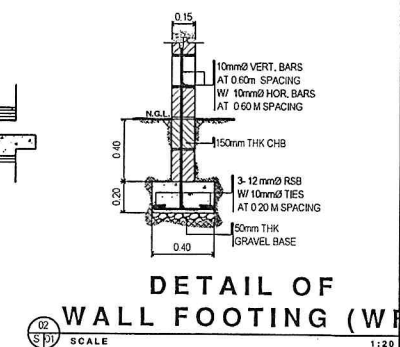
NANCY T. PASCUAL, Ed. D., RGC
 PRESIDENT

SHEET NO.:

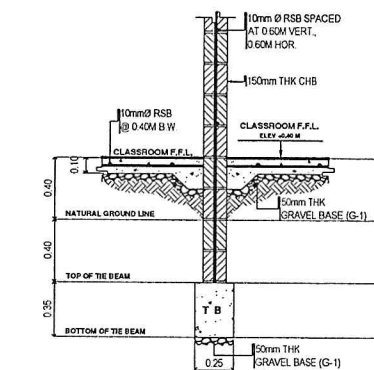
**S
 3.0**



DETAIL OF ROOF BEAM (RB)
 SCALE 1:20 M



DETAIL OF TIE BEAM (TB)
 SCALE 1:20 M



DETAIL OF CHB WALL PARTITION
 SCALE 1:20 M



UNIVERSITY OF RIZAL SYSTEM
 UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT

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 ANTIPOLO CAMPUS

PREPARED AND DRAWN BY:
 UPFDO
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 NEL JOSHUA PADILLA CRUZ, RCE
 ENGINEER UPFDO

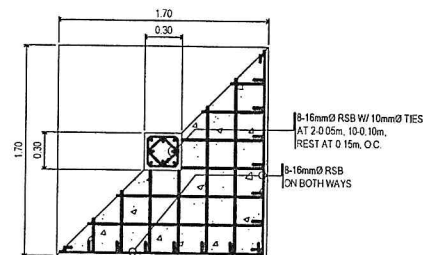
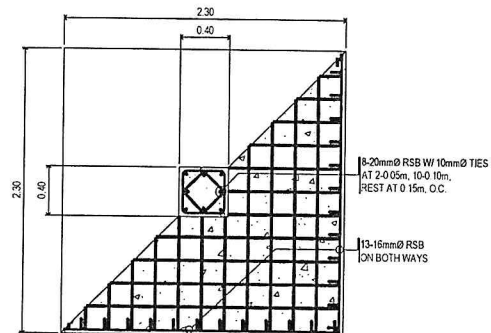
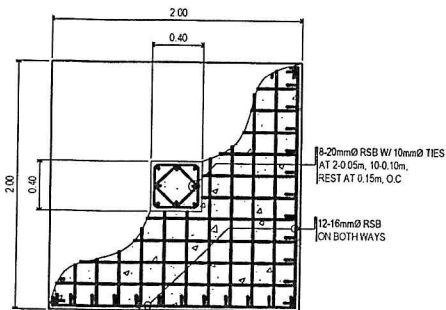
NOTED BY:
 STEVE S.J. MILLARE, RENP
 HEAD, UPFDO

SUBMITTED BY:
 BENJIE G. INIGO
 CHIEF ADMINISTRATIVE OFFICER

RECOMMENDING APPROVAL:
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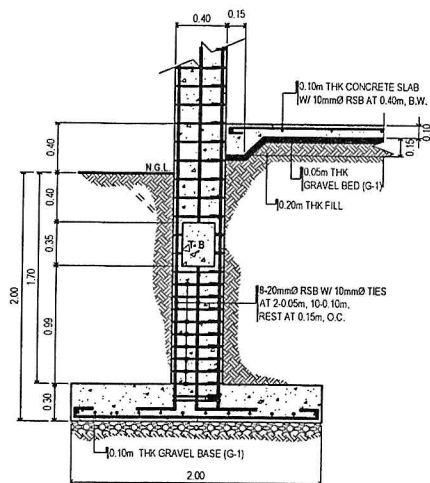
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 PRESIDENT

SHEET NO.:
**S
 4.0**



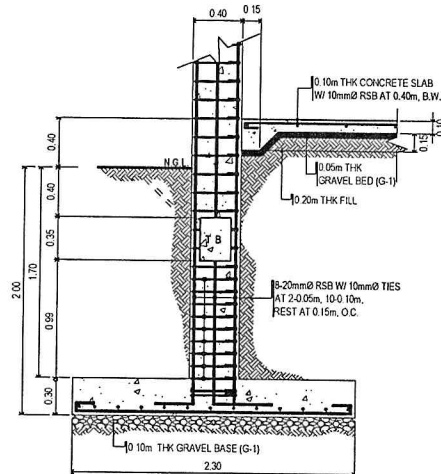
NOTE:

1. USE $f'c = 21\text{MPa}$ FOR ALL CONCRETE WORKS.
2. USE $f_y = 275\text{MPa}$ FOR 10, 12, 16 & 20 mm ϕ REINFORCING STEEL BARS AND 415 MPa FOR 25mm ϕ REINFORCING STEEL BARS.
3. USE A36 FOR ALL STRUCTURAL STEEL PLATES AND SECTIONS.
4. PROVIDE FULL WELD CONNECTIONS FOR ALL STEEL TRUSSES AND FRAMES (STRUCTURAL WELD).
5. PROVIDE A307 ANCHOR BOLTS.
6. PROPER ELEVATIONS MUST BE OBSERVED.
7. FOUNDATION MUST REST ON HARD SOIL STRATA.
8. OBSERVED PROPER CONSTRUCTION METHODS.



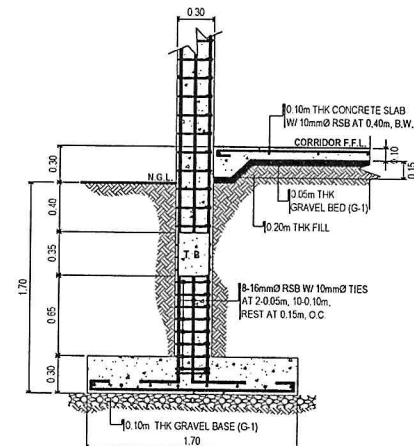
COLUMN-FOOTING 1 (CF-1)

SCALE 1:25 M



COLUMN-FOOTING 2 (CF-2)

SCALE 1:25 M



COLUMN-FOOTING 3 (CF-3)

SCALE 1:25 M



UNIVERSITY OF RIZAL SYSTEM
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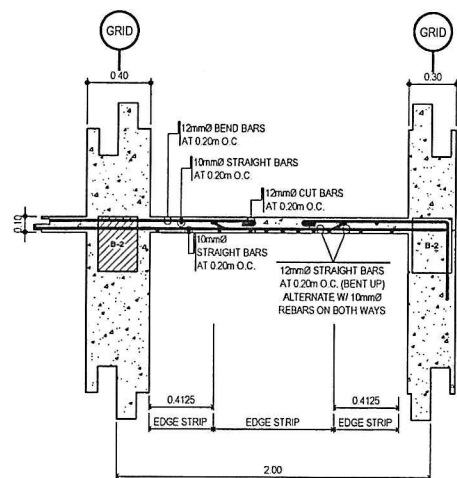
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5.0**



02
S 03

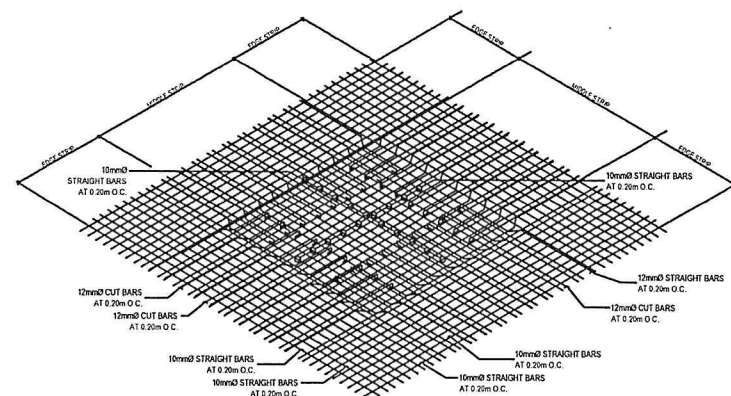
 SCALE



DETAIL OF SLAB AT CORRIDOR
SLAB SECTION thru 'B-B'

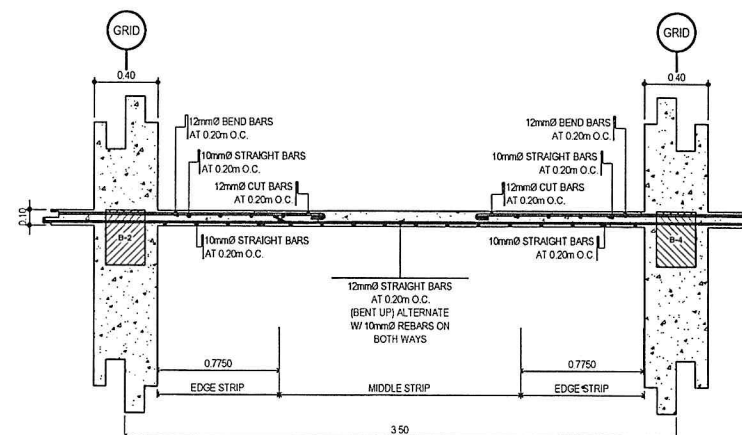
03
S 03

 SCALE



SLAB ISOMETRIC VIEW

SLAB ISOMETRIC VIEW



DETAIL OF TYPICAL CONTINUOUS CONCRETE SLAB SECTION thru 'C-C'

SLAB SECTION thru 'C-C'



UNIVERSITY OF RIZAL SYSTEM
UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT

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UPFDU

CHECKED BY: _____
NEL JOSHUA P. DELA CRUZ, RCE
ENGINEER, UPFDU

NOTED BY:

STEVE S. J. MILLARE, RENP
HEAD UPFOU

SUBMITTED BY:

BENJIE G. INGO
CHIEF ADMINISTRATIVE OFFICER

RECOMMENDING APPROVAL:

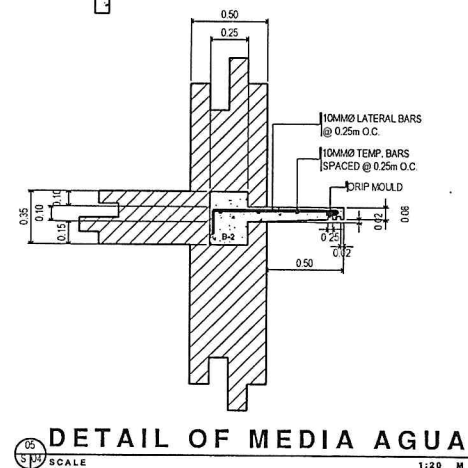
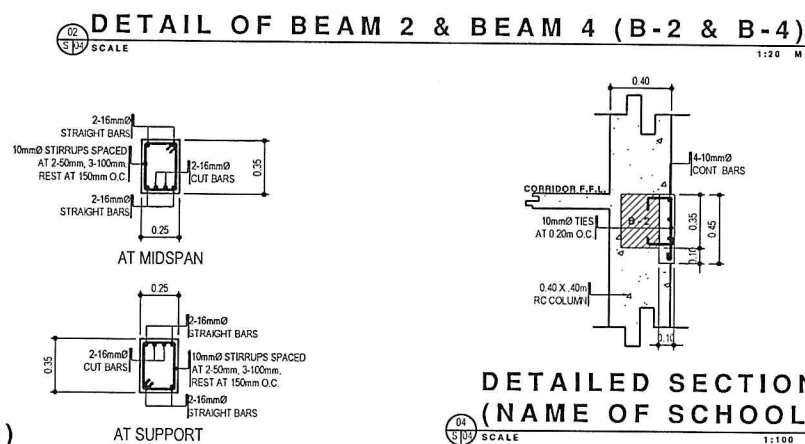
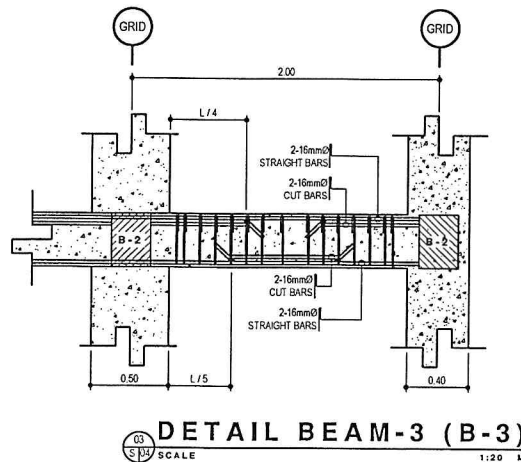
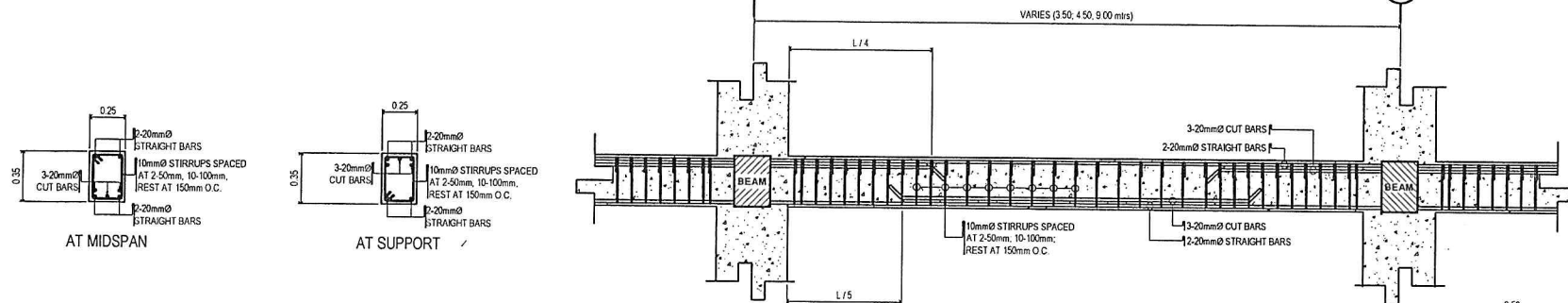
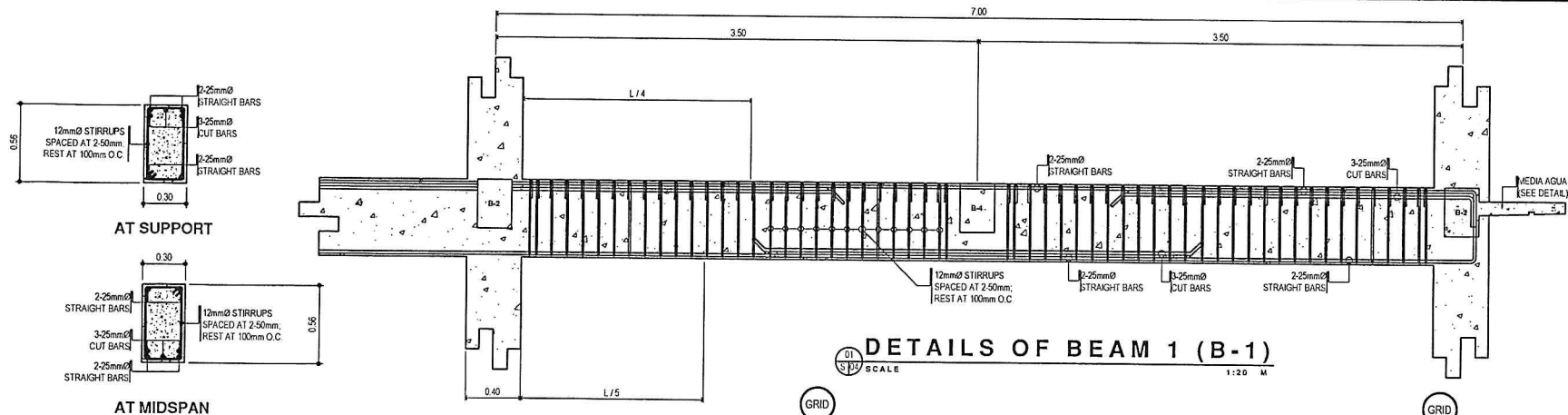
RENATO F. DELLEMONT, Ph.D.
VICE PRESIDENT FOR
ADMINISTRATION AND FINANCE

APPROVED BY:

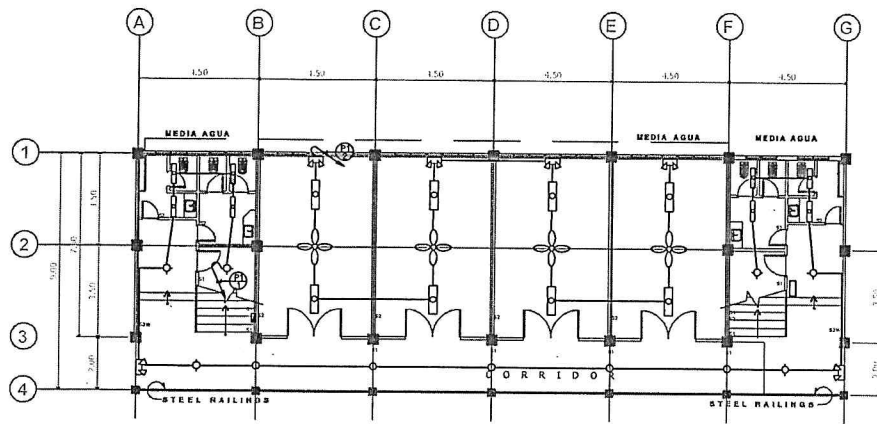
NANCY T. PASCUAL, Ed. D., RGC
PRESIDENT

SHEET NO.:

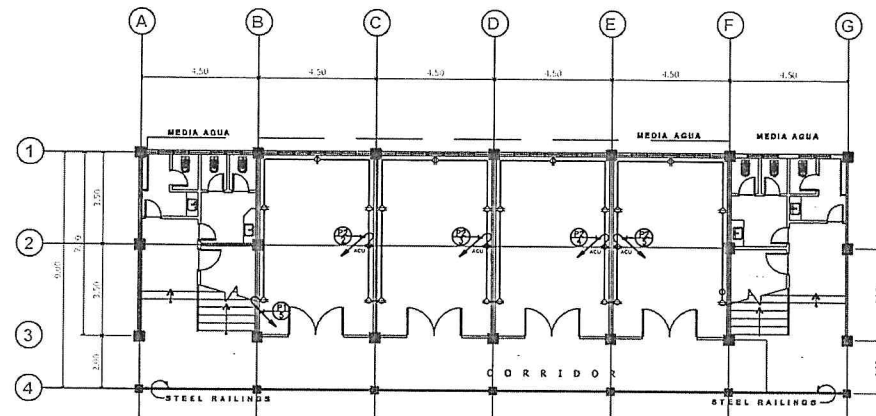
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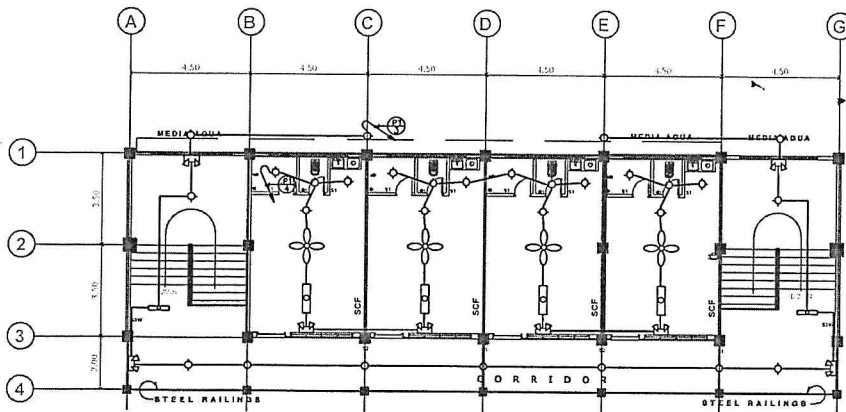
 UNIVERSITY OF RIZAL SYSTEM UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT	PROJECT TITLE: ESTABLISHMENT OF DORMITORY AND BUSINESS CENTER ANTIPOLO CAMPUS	PREPARED AND DRAWN BY: UPFDU CHECKED BY: NEL JOSHUA P. DELA CRUZ, RCE ENGINEER, UPFDU	NOTED BY: STEVE S.J. MALLARE, REINP HEAD, UPFDU	SUBMITTED BY: BENJIE G. INGCO CHIEF ADMINISTRATIVE OFFICER	RECOMMENDING APPROVAL: RENATO F. DE LEMON, Ph.D. VICE PRESIDENT FOR ADMINISTRATION AND FINANCE	APPROVED BY: NANCY T. PASCUAL, Ed. D., RGC PRESIDENT	SHEET NO.: S 7.0
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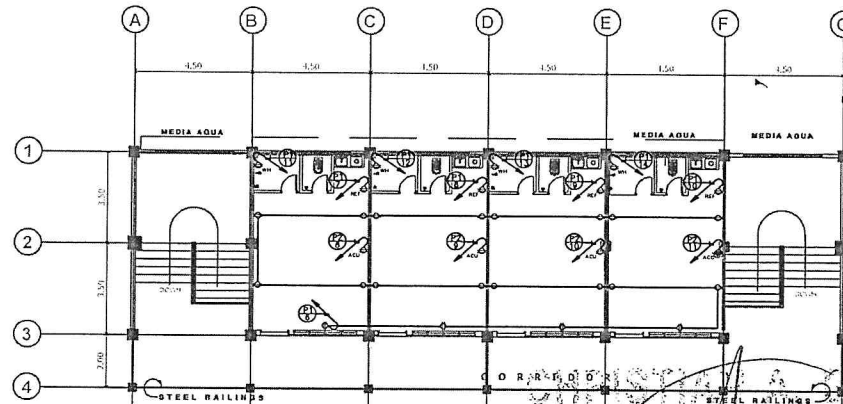
GROUND FLOOR LIGHTING LAYOUT
SCALE NTS



GROUND FLOOR POWER LAYOUT
SCALE NTS



SECOND FLOOR LIGHTING LAYOUT
SCALE NTS



SECOND FLOOR POWER LAYOUT
SCALE NTS

IC No. 14079

ig. Date 10/05/2017

PTR No.

Date Issued



UNIVERSITY OF RIZAL SYSTEM
UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT

PROJECT TITLE:
**ESTABLISHMENT OF
DORMITORY AND BUSINESS
CENTER**
ANTIPOLO CAMPUS

AS TO ELECTRICAL:

CHRISTIAN A. BERONILLA, P.E.E., M.P.
PROFESSIONAL ELECTRICAL
ENGINEER

NOTED BY:

STEVE S.J. MILLARE, RENP
HEAD, UPFUD

SUBMITTED BY:

BENJIE G. INGCO
CHIEF ADMINISTRATIVE OFFICER

RECOMMENDING APPROVAL:

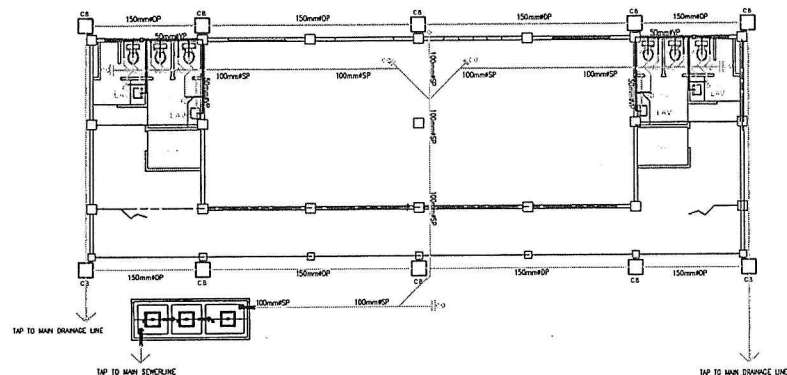
RENATO F. DE LEMON, Ph.D.
VICE PRESIDENT FOR
ADMINISTRATION AND FINANCE

APPROVED BY:

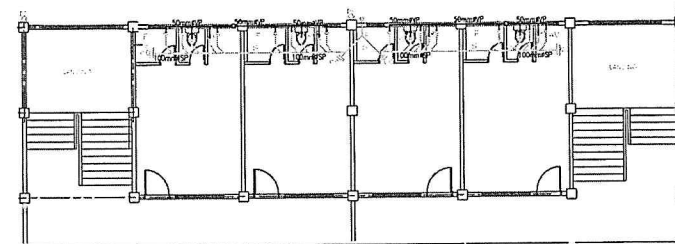
NANCY T. PASCUAL, Ed. D., RGC
PRESIDENT

SHEET NO. **E**
1.0

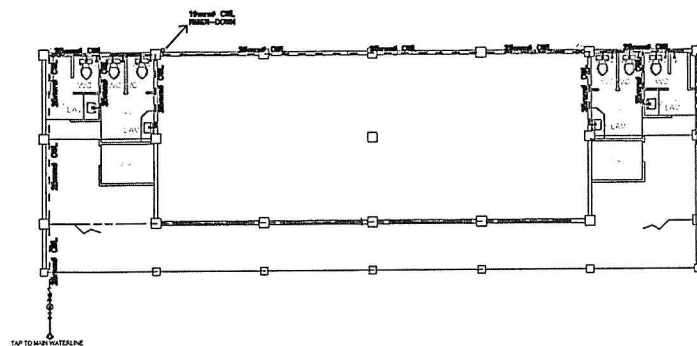
- Effectivity Date: August 15, 2017



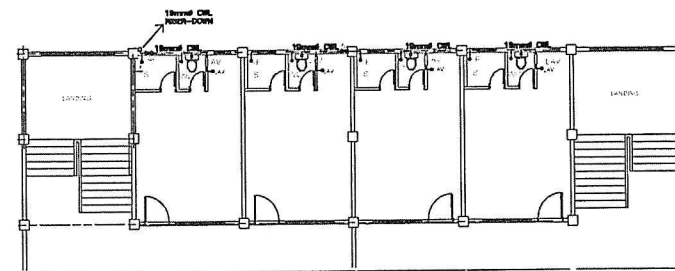
1 SEWER LINE LAYOUT (GROUND FLOOR)
P-1 SCALE NTS



2 SEWER LINE LAYOUT (2ND FLOOR)
P-1 SCALE NTS



3 WATER LINE LAYOUT (GROUND FLOOR)
P-1 SCALE NTS



4 WATER LINE LAYOUT (2ND FLOOR)
P-1 SCALE NTS

CHRISTIAN A. BERONILLA
REGISTERED MASTER PLUMBER

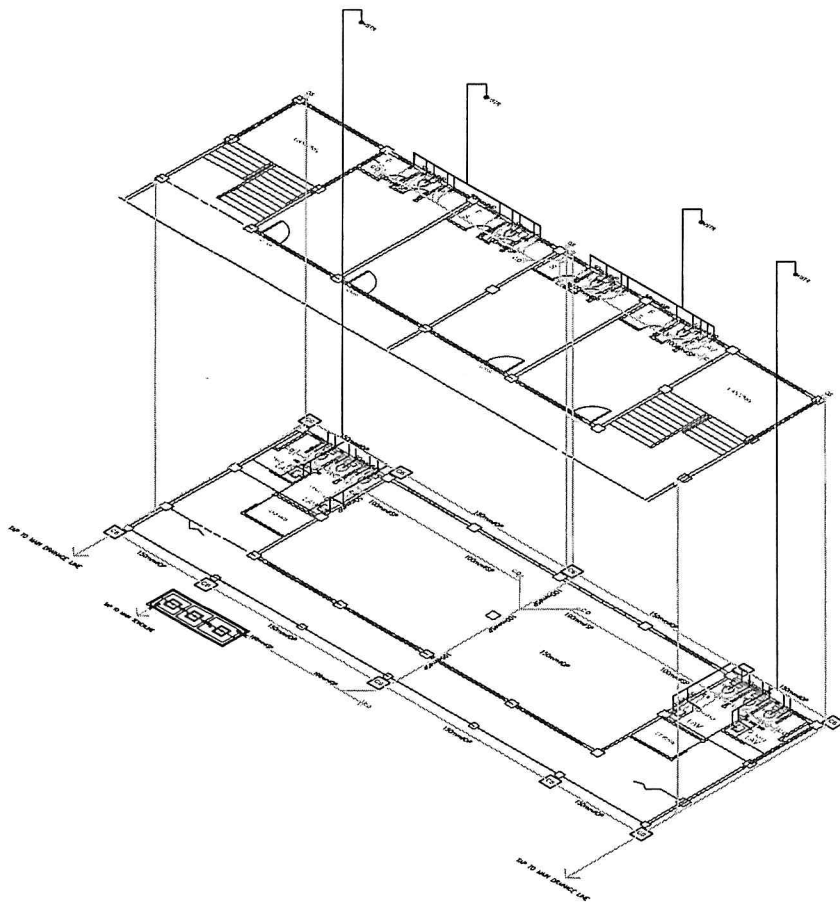
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Reg. Date : 08-04-2016

PTR No.
Date Issued

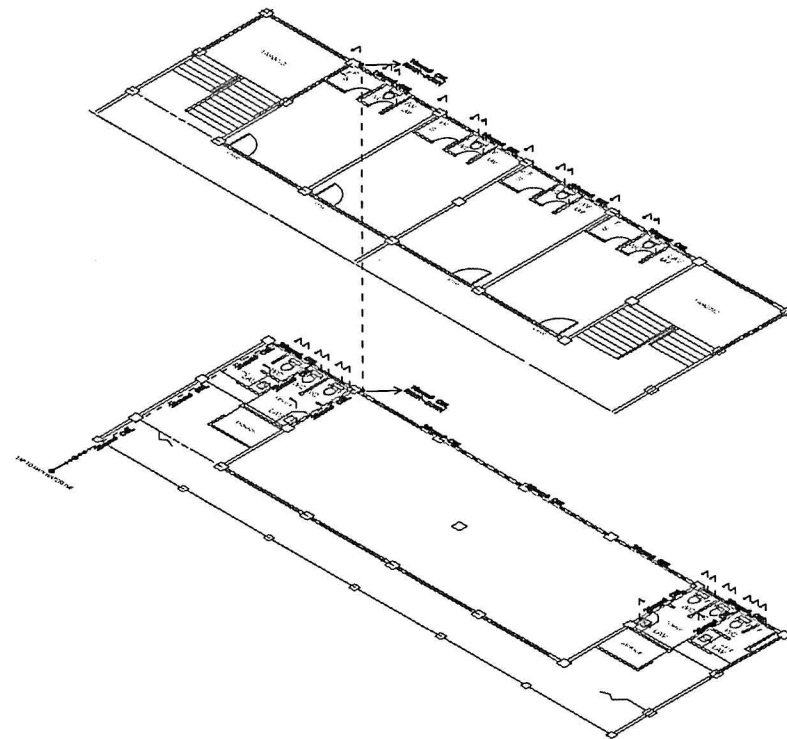
PRC No. : 125-046

Date Issued

 UNIVERSITY OF RIZAL SYSTEM UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT	PROJECT TITLE: ESTABLISHMENT OF DORMITORY AND BUSINESS CENTER ANTIPOLO CAMPUS	AS TO MASTER PLUMBER: CHRISTIAN A. BERONILLA, P.E.E., M.P. MASTER PLUMBER	NOTED BY: STEVE S. MILLARE/REN P HEAD, UPFOD	SUBMITTED BY: BENJIE G. INGCO CHIEF ADMINISTRATIVE OFFICER	RECOMMENDING APPROVAL: RENATO F. BELEMON, Ph.D. VICE PRESIDENT FOR ADMINISTRATION AND FINANCE	APPROVED BY: NANCY T. PASCUAL, Ed. D., RGC PRESIDENT	Effectivity Date: August 15, 2017 Antipolo City P 1.0
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1
P-2
SCALE
SEWER LINE & VENT ISOMETRIC LAYOUT
NTS



2
P-2
SCALE
WATER LINE ISOMETRIC LAYOUT
REGISTERED MASTER PLUMBER

PRC No. : 9039

PTR No. :

Reg. Date : 08-04-2016

Date Issued :



UNIVERSITY OF RIZAL SYSTEM
UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT

PROJECT TITLE:
**ESTABLISHMENT OF
DORMITORY AND BUSINESS
CENTER**
ANTIPOLLO CAMPUS

AS TO MASTER PLUMBER:

CHRISTIAN A. BERONILLA, P.E.E., M.P.
MASTER PLUMBER

NOTED BY:

STEVEN S. J. MIGUARE, REAP
HEAD, UPFOD

SUBMITTED BY:

BENJIE G. INGO
CHIEF ADMINISTRATIVE OFFICER

RECOMMENDING APPROVAL:

RENATO F. DE LEMON, Ph.D.
VICE PRESIDENT FOR
ADMINISTRATION AND FINANCE

APPROVED BY:

NANCY T. PASCUAL, Ed. D., RGC
PRESIDENT

Place Issued: Antipollo City
SHEET No. **P
2.0**

SANITARY GENERAL NOTES :

- ALL DRAINAGE WORKS HEREIN SHALL CONFORM WITH LATEST PROVISIONS OF PHILIPPINE PLUMBING CODE & THE LOCAL AUTHORITIES CONCERNED.
- BEFORE PERFORMING ANY WORK, CONTRACTOR SHALL THOROUGHLY EXAMINE ALL EXISTING CONDITIONS, POINTS OF CONNECTION, SIZES, DEPTHS, LOCATION AND ETC.
- PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY CONTRACTOR.
- COORDINATE THE DRAWINGS WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND THEREON.
- DRAWINGS ARE DIAGRAMMATIC AND DOES SHOW ALL OFFSETS, BENDS, ELBOWS, ETC. WHICH MAY BE REQUIRED FOR PROPER INSTALLATION OF WORK, SUCH WORK SHALL BE PROVIDED WITH ADDITIONAL BENDS AND OFFSETS AS NECESSARY AND VERIFIED AT BUILDING SITE.
- MAINTAIN A SLOPE OF 2% FOR SOBER LINE & 0.005 (COLLECTOR PIPES) TO 1% FOR DRAINAGE LINE.
- HORIZONTAL DRAINAGE PIPING SHALL BE RUN IN PRACTICAL ALIGNMENT AND A UNIFORM SLOPE OF 2% WHERE IT IS IMPRACTICAL DUE TO DEPTH OF THE EXISTING SOBER MAINHOLE OR TO THE STRUCTURAL FEATURES OF THE BUILDING TO OBTAIN A SLOPE OF 2% ANY SUCH PIPE OR PIPING 100mm dia. OR LARGER MAY HAVE A SLOPE OF 1% UNLESS OTHERWISE INDICATED IN THE DRAWING.
- ALL VENTS AND BRANCH VENT PIPES SHALL BE FREE FROM DROP OR SAGS, AND EACH VENT SHALL BE GRADED AND CONNECTED AS TO DROP BACK BY GRAVITY TO THE DRAINAGE PIPE IT SERVICES.
- INSTALLATION & TESTING SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED SANITARY ENGINEER OR MASTER PLUMBER.
- ALL DRAWINGS SHALL BE SUPPLEMENTARY TO THE PLUMBING SPECIFICATIONS, REFER TO SPECIFICATION FOR PRODUCT DESCRIPTION, CONTRACTOR'S SCOPE OF RESPONSIBILITIES AND PERTINENT DATA NEEDED FOR THE COMPLETION OF THE PROJECT.
- ALL MATERIALS SHALL BE NEW AND APPROVED TYPE. CLEANOUT SHALL BE SUPPLIED EVERY 45' BOND. ALL DRAIN SHALL BE VENTED INDIVIDUALLY.
- ALL PIPING SHALL BE AS MUCH AS POSSIBLE CONCEALED. ANY REVISIONS OR RELOCATION SHALL BE UPON THE APPROVAL OF THE ENGINEER.
- SEWAGE TREATMENT PLANT DESIGN AND BUILD BY STP CONTRACTOR.

EQUIPMENT SCHEDULE

DESCRIPTION	QTY	TYPE	UNIT	NOTE	VOLUME	PRICE	REMARKS
SEWAGE PUMP	1	SEWAGE PUMP	1	1.5HP	230	1	80
SEWAGE TANK	1	SEWAGE TANK	1	1.5HP	230	1	80

FOR HORIZONTALS IN THE DUCT, SEE ALSO REE TO PUMP SUPPLIES.

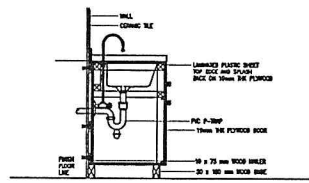
DOMESTIC WATER GENERAL NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS EXCEPT OTHERWISE SHOWN.
- INDICATED METRIC EQUIVALENT USED ON THESE PLANS FOR PIPE SIZES:
 $2" = 50mm$ $4" = 100mm$ $6" = 150mm$
 $8" = 200mm$ $10" = 250mm$ $12" = 300mm$
- THE PIPE MINIMUM DESIGN PRESSURE SHALL BE 10.57 kg/cm² (150 PSI) UNLESS OTHERWISE SHOWN OR SPECIFIED.
- THE WATERLINE SHALL HAVE A MINIMUM COVER OF 1000mm AND 750mm FOR TRANSMISSION LINE AND DISTRIBUTION LINE RESPECTIVELY.
- PIPE UNDER ROADS, DRAINAGE STRUCTURES AND/OR CULVERTS WITH LESS THAN THE MINIMUM SPECIFIED COVER SHALL HAVE CONCRETE ENCASMENT, UNLESS OTHERWISE SHOWN OR SPECIFIED BY THE ENGINEER.
- CONCRETE THURST BLOCKS SHALL BE PROVIDED IN ACCORDANCE WITH THE STANDARD DETAIL DRAWINGS AT ALL BENDS, TEES, VALVES, REDUCERS AND PLUGS EXCEPT WHERE WELDED JOINTS ARE SHOWN OR SPECIFIED.
- PIPE JOINTS MAY BE DEFLECTED WITHIN THE LIMITS RECOMMENDED BY THE MANUFACTURER.

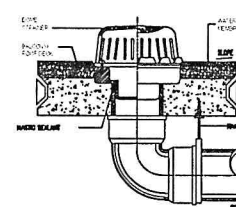
LEGEND & SYMBOLS

SYMBOLS	DESCRIPTIONS	SYMBOLS	DESCRIPTIONS
	COLD WATER SUPPLY PIPE		WATER PUMP
	SEWER WATER PIPE		WATER METER
	SOIL PIPE		FLOOR DRAIN
	VENT PIPE		FLOOR CLEANOUT
	PIPE UP		FLOOR DRAIN
	PIPE DOWN		GROUND CLEANOUT
	COLD WATER LINE BREAK		CHECK VALVE
	SOIL BREAK		GATE VALVE
	DOWNSPOUT		GATE VALVE
	VENT BREAK		GATE VALVE
	CATCH BASIN		GATE VALVE
	SEWER TRAP		GATE VALVE

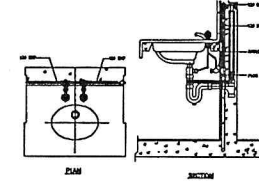
FAUCET PLAN & SECTION



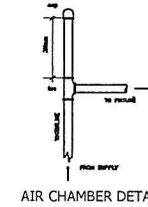
KITCHEN COUNTER



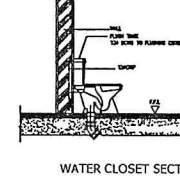
TYPICAL DETAIL OF BALCONY / LEDGE DRAIN



LAVATORY PLAN & SECTION



AIR CHAMBER DETAIL



WATER CLOSET SECTION

PIPE SCHEDULE

DESCRIPTION	QTY	TYPE	UNIT	NOTE	VOLUME	PRICE	REMARKS
SEWAGE PUMP	1	SEWAGE PUMP	1	1.5HP	230	1	80
SEWAGE TANK	1	SEWAGE TANK	1	1.5HP	230	1	80

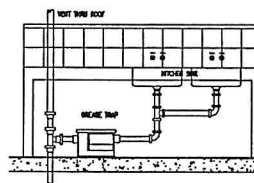
DESCRIPTION	QTY	TYPE	UNIT	NOTE	VOLUME	PRICE	REMARKS
SEWAGE PUMP	1	SEWAGE PUMP	1	1.5HP	230	1	80
SEWAGE TANK	1	SEWAGE TANK	1	1.5HP	230	1	80

DESCRIPTION	QTY	TYPE	UNIT	NOTE	VOLUME	PRICE	REMARKS
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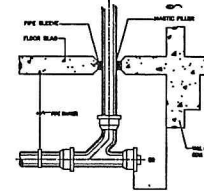
DESCRIPTION	QTY	TYPE	UNIT	NOTE	VOLUME	PRICE	REMARKS
SEWAGE PUMP	1	SEWAGE PUMP	1	1.5HP	230	1	80
SEWAGE TANK	1	SEWAGE TANK	1	1.5HP	230	1	80

DESCRIPTION	QTY	TYPE	UNIT	NOTE	VOLUME	PRICE	REMARKS
SEWAGE PUMP	1	SEWAGE PUMP	1	1.5HP	230	1	80
SEWAGE TANK	1	SEWAGE TANK	1	1.5HP	230	1	80

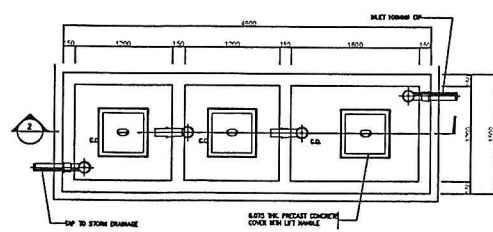
DESCRIPTION	QTY	TYPE	UNIT	NOTE	VOLUME	PRICE	REMARKS
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SEWAGE TANK	1	SEWAGE TANK	1	1.5HP	230	1	80



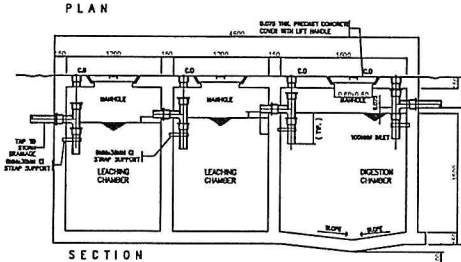
TYPICAL GREASE TRAP DETAIL



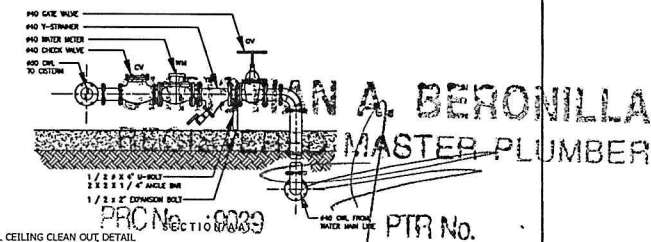
TYPICAL CEILING CLEAN OUT DETAIL



SEPTIC TANK DETAIL
SCALE NTS



SECTION



TYPICAL CEILING CLEAN OUT DETAIL



UNIVERSITY OF RIZAL SYSTEM
UNIVERSITY PHYSICAL FACILITIES DEVELOPMENT UNIT

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PRESIDENT

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P 3.0