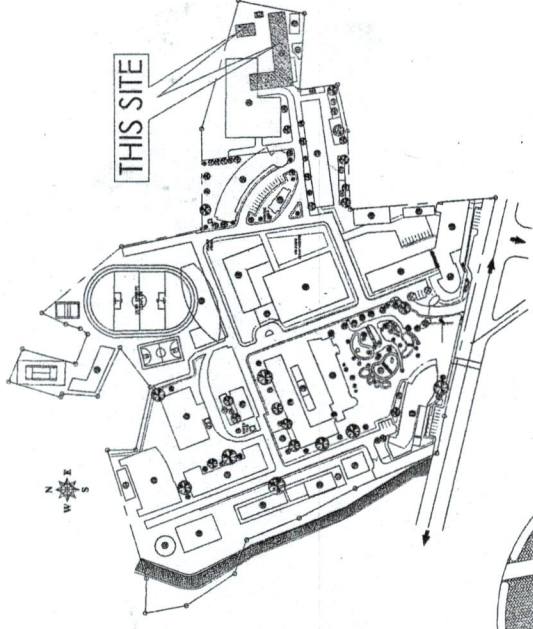
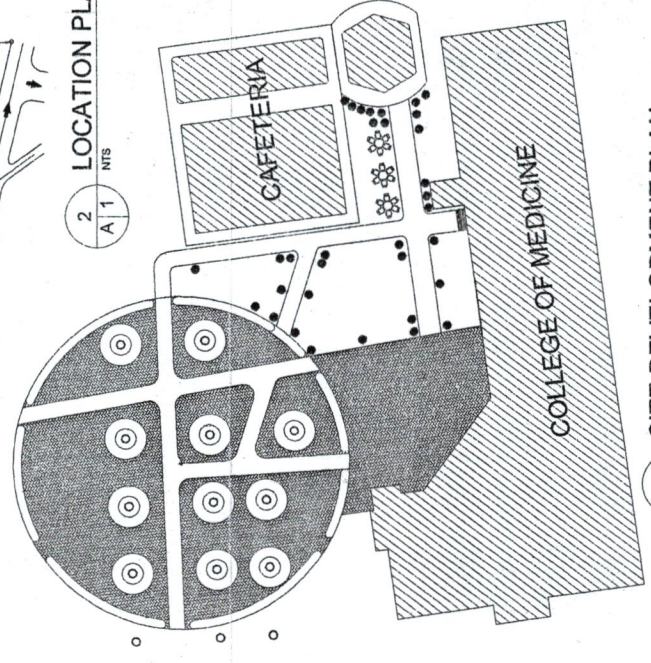


1
A 1
NTS
PERSPECTIVE

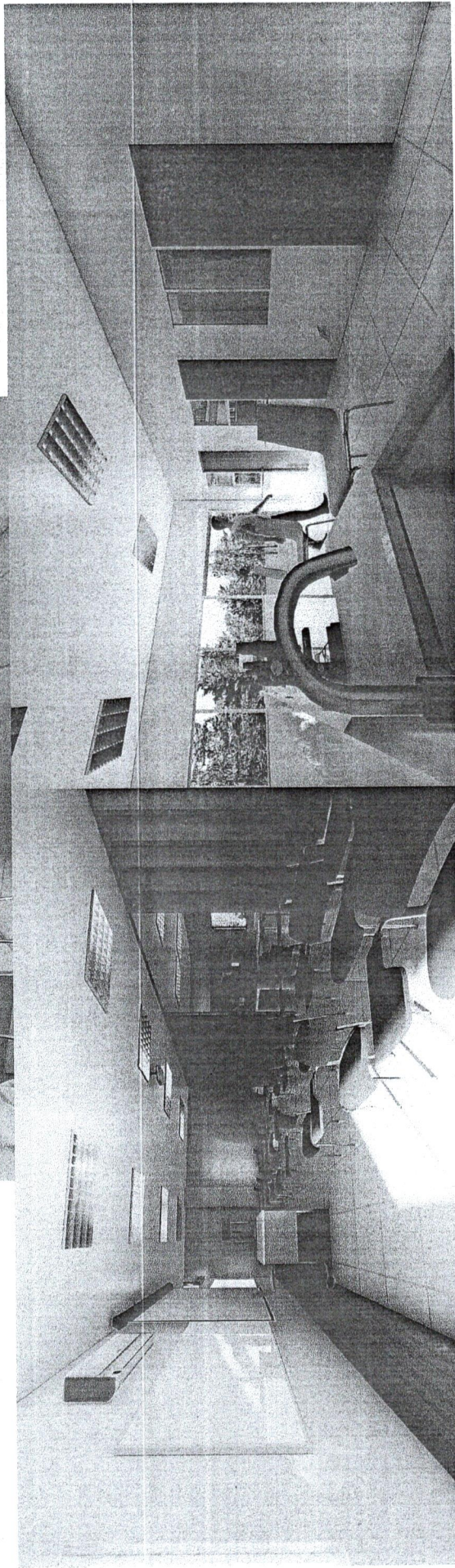
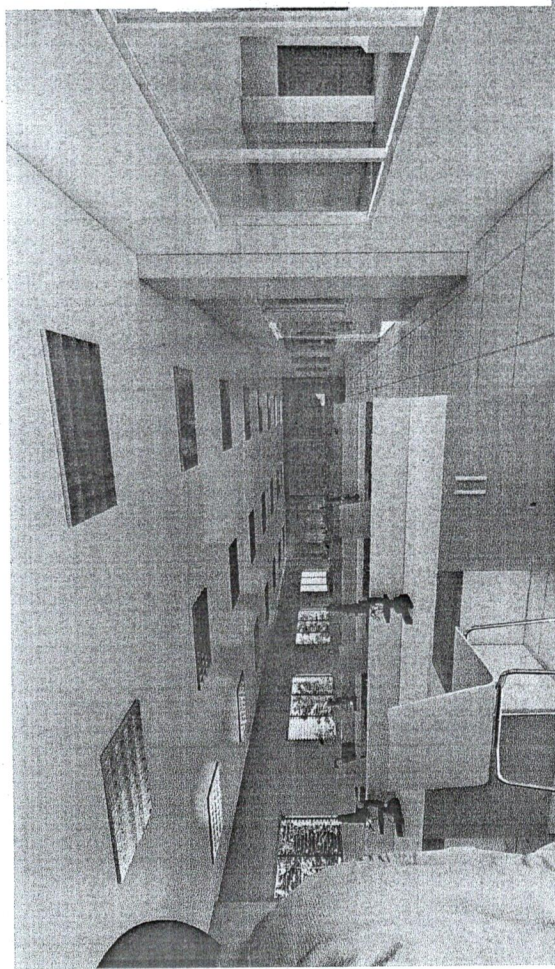


2
A 1
NTS
LOCATION PLAN




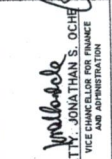

3
A 1
NTS
SITE DEVELOPMENT PLAN

	REPUBLIC OF THE PHILIPPINES UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES CIVIL AND SANITARY WORKS UNIT C.R. REYES AVENUE, CAGAYAN DE ORO CITY TEL: (088) 854-4094 / (088) 854-4095 / (088) 854-4096 FAX: (088) 854-4096 WEB SITE: WWW.USTIP.UMD.PH	PROJECT: EMER. ANICE & C. NERI, JR. SENIOR CIVIL AND SANITARY WORKS SECTION	PROPOSED RENOVATION OF ITB (BLDG. 3) AS THE COLLEGE OF MEDICINE	NOTED BY: DR. EUGENIO A. CANTERA DEPUTY CHIEF OF BUREAU OF SANITARY ENGINEERING	RECOMMENDING APPROVAL: ATTY. JONATHAN S. OCHE VICE CHIEF OF BUREAU OF SANITARY ENGINEERING AND ADMINISTRATION	RECOMMENDING APPROVAL: ATTY. DIANEL O. ALBINA CHIEF OF BUREAU OF SANITARY ENGINEERING AND ADMINISTRATION	APPROVED: DR. AMBRASO B. CULTURA III UNIVERSITY PRESIDENT	SHEET TITLE: SHEET CONTENTS: 1. PROSPECTIVE 2. LOCATION PLAN 3. SITE DEVELOPMENT PLAN	DRAWN BY: S.C.H. DATE: _____ CHECKED BY: B.P.E. DATE: _____	SHEET NO.: A 1	SHEET NO.: 1 12
	PREPARED BY:										




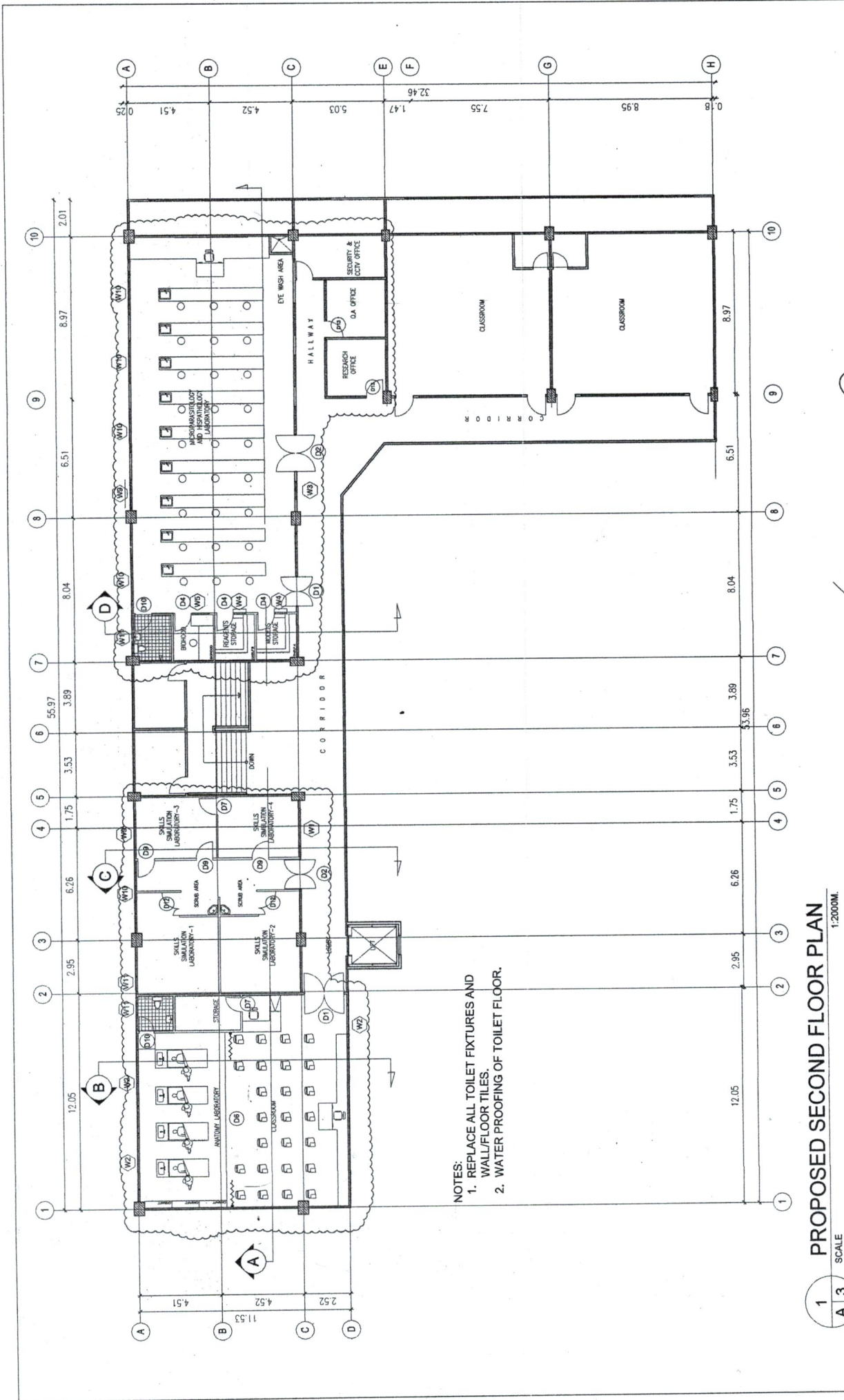
1-3 INTERIOR DESIGN PERSPECTIVE

A | 2 NTS

PREPARED BY: ENGR. ANICE D. C. NEERL JR. MAJOR CIVIL AND ENVIRONMENTAL ENGINEERING	PROJECT: PROPOSED RENOVATION OF ITS (BLDG. 3) AS THE COLLEGE OF MEDICINE	NOTED BY:  ATTY. JONATHAN S. OCHE VICE CHANCELLOR FOR LEGAL COUNSEL AND ADMINISTRATION	RECOMMENDING APPROVAL:  ATTY. JOSEPH D. ALBINA CHANCELLOR, USTP-COG CAMPUS	APPROVE:  DR. AMBROSIO B. CULTURA II UNIVERSITY PRESIDENT	SHEET CONTENTS: 1. INTERIOR DESIGN PERSPECTIVE	DRAWN BY: G.C.N.	SHEET NO. A 2
						DATE:	DATE:
PREPARED BY: ENGR. ANICE D. C. NEERL JR. MAJOR CIVIL AND ENVIRONMENTAL ENGINEERING	PROJECT: PROPOSED RENOVATION OF ITS (BLDG. 3) AS THE COLLEGE OF MEDICINE	NOTED BY: ATTY. JONATHAN S. OCHE VICE CHANCELLOR FOR LEGAL COUNSEL AND ADMINISTRATION	RECOMMENDING APPROVAL: ATTY. JOSEPH D. ALBINA CHANCELLOR, USTP-COG CAMPUS	APPROVE: DR. AMBROSIO B. CULTURA II UNIVERSITY PRESIDENT	SHEET CONTENTS: 1. INTERIOR DESIGN PERSPECTIVE	DRAWN BY: G.C.N.	SHEET NO. A 2
PROJECT NO.:	LOCATION: C. H. RECTO AVE., LAPANAN HIGHWAY, CAGAYAN DE ORO CITY	OWNER: UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES	DATE ISSUED:	DATE:	DATE:	DATE:	DATE:

REPUBLIC OF THE PHILIPPINES
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 CIVIL AND SANITARY WORKS UNIT
 C. H. RECTO AVENUE, LAPANAN 9000 CAGAYAN DE ORO CITY
 TEL. (085) 854-6046 / (085) 854-7028 / (085) 854-7029 TELE
 FAX (085) 854-5295
 WEB SITE: WWW.USTP-DU.UM

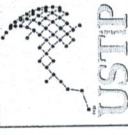


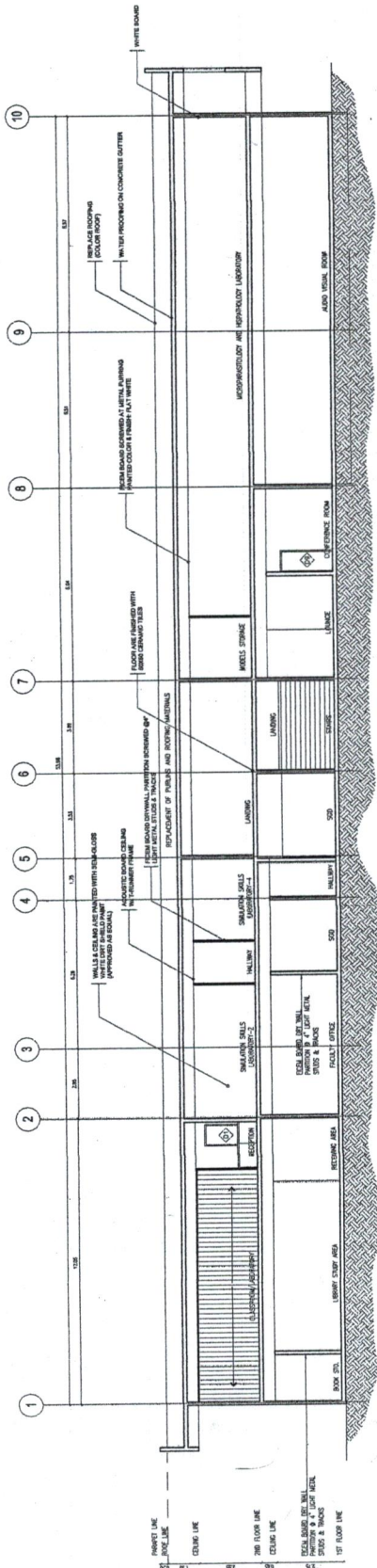


- NOTES:
 1. REPLACE ALL TOILET FIXTURES AND WALL/FLOOR TILES.
 2. WATER PROOFING OF TOILET FLOOR.

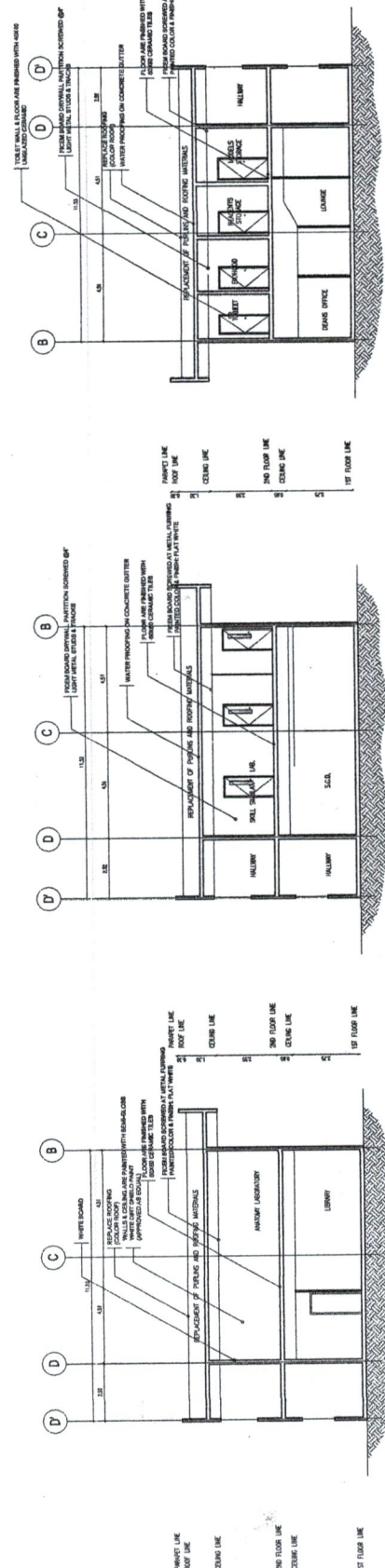
1 **A 3** **SCALE**
PROPOSED SECOND FLOOR PLAN
 1:2000M.

PREPARED BY: ENGR. ANICET C. NERI, JR. HEAD, CIVIL AND SANITARY WORKS SECTION PRG. NO.: PTR. NO.:	PROJECT: PROPOSED RENOVATION OF ITB (BLDG. 3) AS THE COLLEGE OF MEDICINE LOCATION: C.M. RIZZO AVE., LUPATAN HIGHWAY, CAGAYAN DE ORO CITY OWNER: UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES	NOTED BY: AR. FERNANDO S. DUMPA DIRECTOR, FACILITIES MANAGEMENT SERVICE	RECOMMENDING APPROVAL: MALLORCA ATTY. JONATHAN S. OCHE VICE CHANCELLOR FOR FINANCE AND ADMINISTRATION	APPROVED: DR. AMBRONIO CULTURA II UNIVERSITY PRESIDENT	SHEET TITLE: 1. PROPOSED SECOND FLOOR PLAN	DRAWN BY: S.C.H. DATE:	SHEET NO.: A 3
					SHEET NO.: 3	DATE:	SHEET NO.: 12





1 SECTION THROUGH A
SCALE: 1:150M



2 SECTION THROUGH B
SCALE: 1:150M

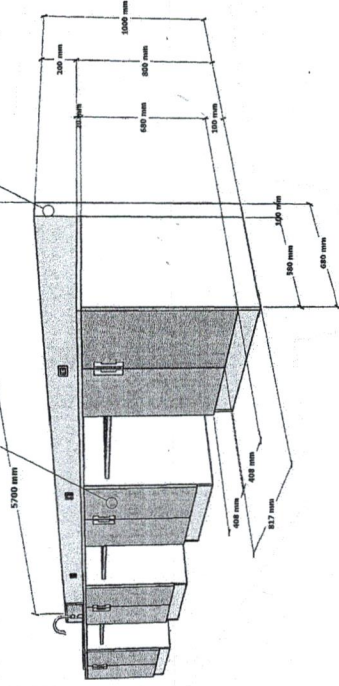
3 SECTION THROUGH C
SCALE: 1:150M

4 SECTION THROUGH D
SCALE: 1:150M

REPUBLIC OF THE PHILIPPINES UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES CIVIL AND SANITARY WORKS UNIT C-3, Bldg. Annex, LAGANAN, P.O. BOX CAGAYAN DE ORO CITY TEL. Nos. (08432) 72-62-62 / (0853) 864-1724 / 864-7729 Telex FAX (084) 864-6495 WEB SITE: www.usstp.edu.ph	PREPARED BY: ENGR. ANICED C. NERI, JR. HEAD CIVIL AND SANITARY WORKS SECTION PRG. NO.: DATE ISSUED:	PROJECT: PROPOSED RENOVATION OF ITB (BLDG. 3) AS THE COLLEGE OF MEDICINE LOCATION: C-3 BLDG. ANNEX, LAGANAN HIGHWAY, CAGAYAN DE ORO CITY OWNER: UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES	NOTED BY: DR. FERDINAND S. DUPRA DEPUTY CHANCELLER FOR FINANCE AND ADMINISTRATION SERVICES	RECOMMENDING APPROVAL: MR. MALABO CITY, JONATHAN S. OCHE VICE CHANCELLER FOR FINANCE AND ADMINISTRATION	APPROVED: DR. ALBINA O. ALBINA UNIVERSITY PRESIDENT	SHEET TITLE: 1. SECTION THROUGH A 2. SECTION THROUGH B 3. SECTION THROUGH C 4. SECTION THROUGH D	DRAWN BY: G.C.N. DATE: CAB BY: R.P.E. DATE:	SHEET NO.: A 5 5 12
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25MM THK MARINE PLYBOARD
LAMINATED WITH WOOD GRAIN (FORMICA)
COLOR: BLEACH (REFER TO THE ARCHITECT)

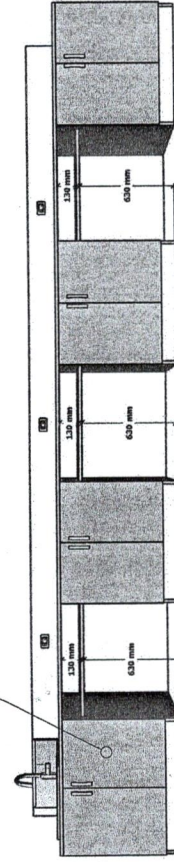
50MM X 50MM WOOD FRAMING
(PINE WOOD S4S)



1 LAB TABLE DETAIL 1

A 6
NTS

25MM THK MARINE PLYBOARD
LAMINATED WITH WOOD GRAIN (FORMICA)
COLOR: BLEACH (REFER TO THE ARCHITECT)



3 LAB TABLE DETAIL 3

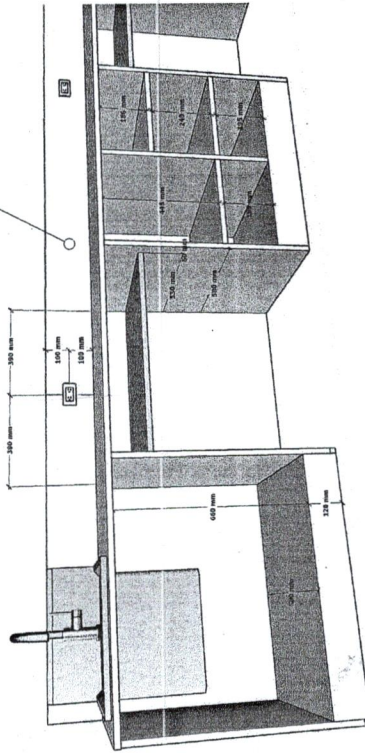
A 6
NTS

NOTE:
- LABORATORY TABLE (9 SETS)

MATERIAL SPECIFICATIONS:

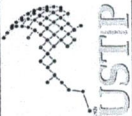
- COUNTER TOP: FORMICA (WHITE)
- CABINET DOORS/SHUTTERS: LAMINATE (WOOD GRAIN BLEACH)
- PROVIDE LOCK ON CABINET DOORS/SHUTTERS
- ALL THE REST: PAINTED WHITE (SEMI-GLOSS)

25MM THK MARINE PLYBOARD
COLOR: SEMI-SEMI GLOSS WHITE
(REFER TO THE ARCHITECT)



2 LAB TABLE DETAIL 2

A 6
NTS



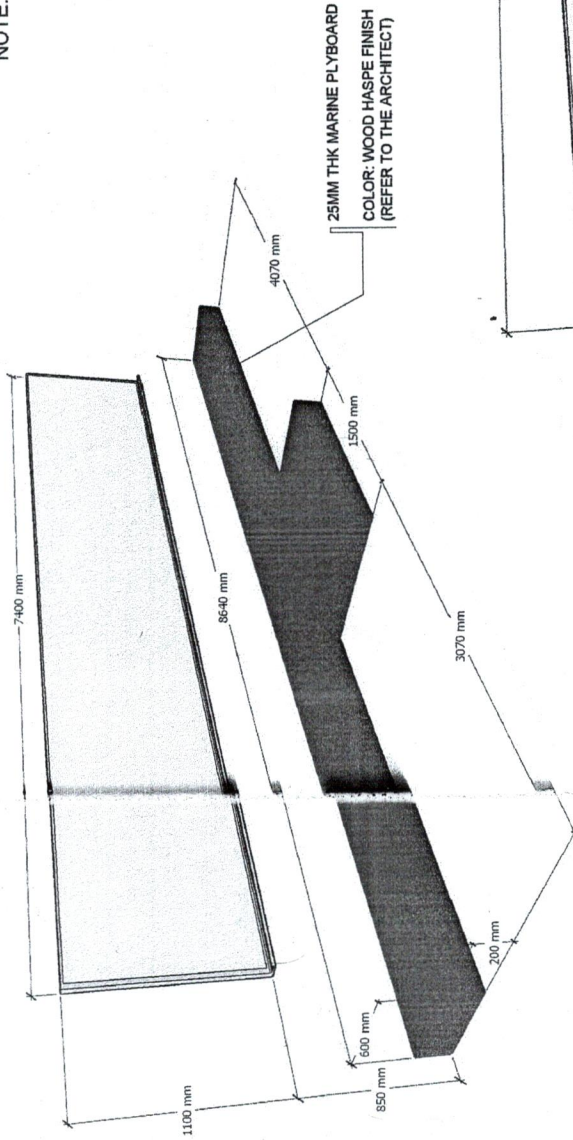
REPUBLIC OF THE PHILIPPINES
UNIVERSITY OF SCIENCE & TECHNOLOGY OF
SOUTHERN PHILIPPINES
CIVIL AND SANITARY WORKS UNIT
C-4, Bldg. 400, 1500 C.A. Rd. 15th St.
Davao City
Tel. No. (0822) 72-55-55 / (082) 854-7257 / 854-7259 Tels
Fax (082) 855-4595
Web Site: www.ustip.gov.ph

PREPARED BY:
ENGR. ANICETA C. NERI, JR.
HEAD, CIVIL AND SANITARY WORKS SECTION
PROJECT:
PROPOSED RENOVATION OF ITB
(BLDG. 3) AS THE COLLEGE OF
MEDICINE
LOCATION:
C-4, Bldg. 400, 1500 C.A. Rd. 15th St.
Davao City
OWNER:
UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES

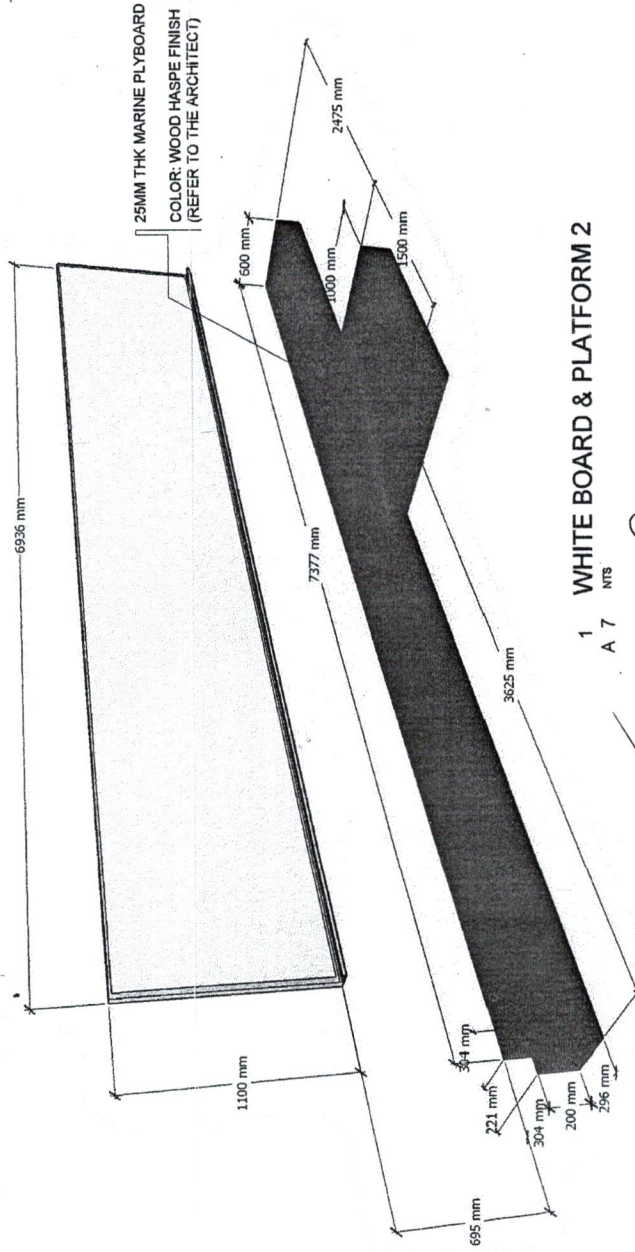
NOTED BY:
AR. FERDINAND S. DURIA
DIRECTOR, AUXILIARY MANAGEMENT
SERVICES
RECOMMENDING APPROVAL:
JONATHAN S. OCHE
VICE CHANCELLOR FOR FINANCE
AND ADMINISTRATION
APPROVED:
DR. APDORNELA B. CULTURA II
UNIVERSITY PRESIDENT
CHANCELLOR, USTP-COG CAMPUS

DRAWN BY: G.C.H.	SHEET NO.
DATE	A
DATE	6
DATE	6
DATE	12

NOTE:



1 WHITE BOARD PLATFORM 1
A 7 NTS



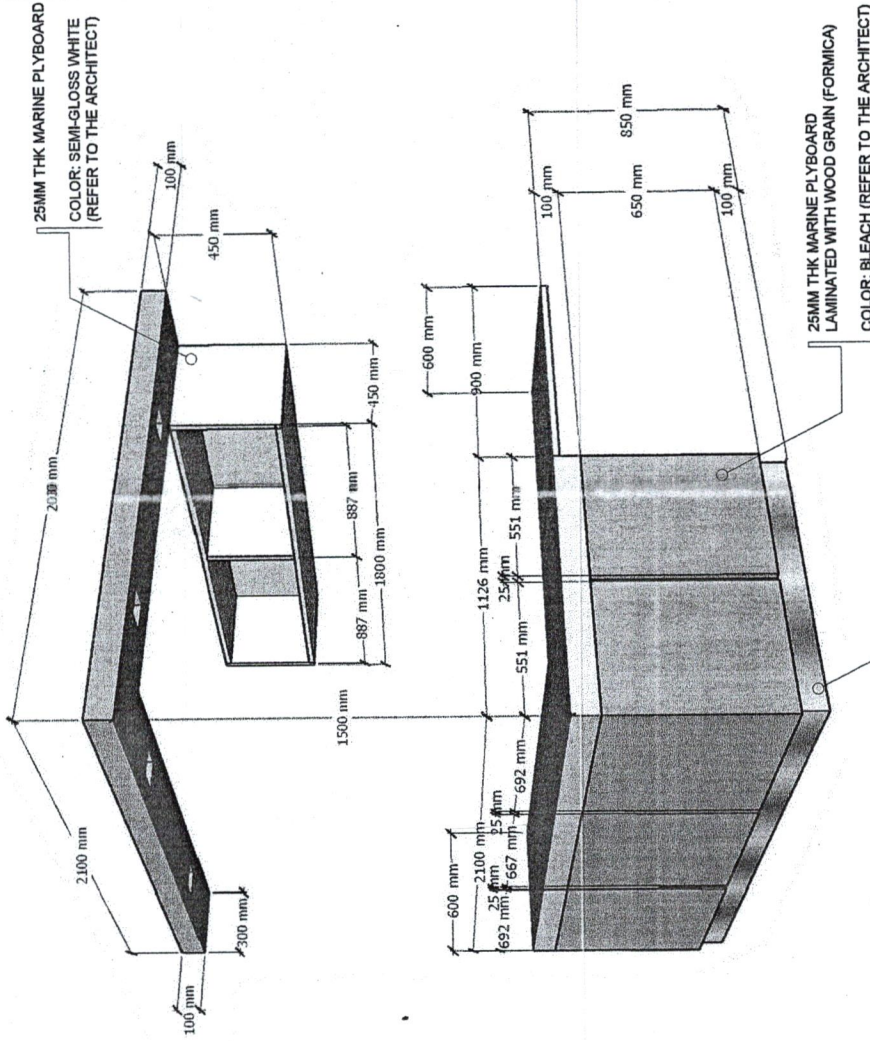
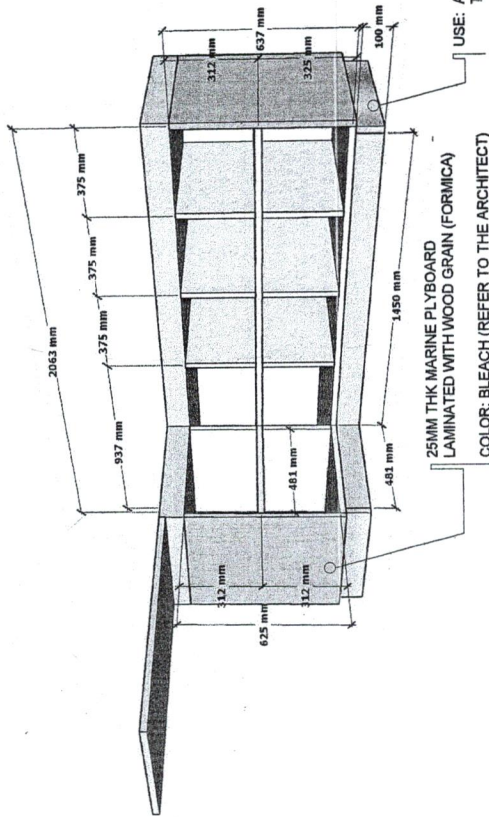
1 WHITE BOARD & PLATFORM 2
A 7 NTS

	REPUBLIC OF THE PHILIPPINES UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES CIVIL AND SANITARY WORKS UNIT C. N. RECTO AVENUE, LAPANAN 9500 CALAPAN DE ORC CITY TEL. NO. (0832) 75-6648 / (083) 85-1731 / 85-1729 TELEX WEB SITE: WWW.USTIP.ORG.PH		PROJECT: PROPOSED RENOVATION OF ITB (BLDG. 3), AS THE COLLEGE OF MEDICINE	LOCATION: C. N. RECTO AVE., LAPANAN HIGHWAY, CALAPAN DE ORC CITY OWNER: UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES	PREP: LEONIL D. C. NERI, JR. ARCHITECT DATE ISSUED:	NOTED BY:	RECOMMENDING APPROVAL: ATTY. JONATHAN S. OCHE VICE CHANCELLOR FOR FINANCE AND ADMINISTRATION	APPROVED: DR. AMBROSIO L. CULTURA II UNIVERSITY PRESIDENT	SHEET TITLE: 1. CLASSROOM TABLES DETAIL	DRAWN BY: G. C. K. DATE:	SHEET NO. A 7 7 12
	PROPOSED RENOVATION OF ITB (BLDG. 3), AS THE COLLEGE OF MEDICINE		PROJECT:	LOCATION: C. N. RECTO AVE., LAPANAN HIGHWAY, CALAPAN DE ORC CITY OWNER: UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES	PREP: LEONIL D. C. NERI, JR. ARCHITECT DATE ISSUED:	NOTED BY:	RECOMMENDING APPROVAL: ATTY. JONATHAN S. OCHE VICE CHANCELLOR FOR FINANCE AND ADMINISTRATION	APPROVED: DR. AMBROSIO L. CULTURA II UNIVERSITY PRESIDENT	SHEET TITLE: 1. CLASSROOM TABLES DETAIL	DRAWN BY: G. C. K. DATE:	SHEET NO. A 7 7 12

NOTE:
- LABORATORY TABLE (1 SET)

MATERIAL SPECIFICATIONS:

- COUNTER TOP: SEMI-GLOSS WHITE PAINT
- ALL THE REST: PAINTED WHITE (SEMI-GLOSS)

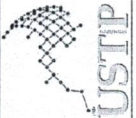


1-2
A 8
1-2
A 8
12
8

COUNTER TABLE DETAIL

NTS

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625 Bldg. - 1st Floor
TINIAN, TINCORBAN, COTABATO CITY
TEL. NO. (0832) 72-49-88 / (083) 856-1724 / 856-1729
FAX NO. (083) 856-1696
WEB SITE: www.usstp.edu.ph



PREPARED BY:
ENGR. ANICE O. C. NERI, JR.
HEAD, CIVIL AND SANITARY WORKS SECTION
DATE ISSUED:

PROJECT:
PROPOSED RENOVATION OF ITB
(BLDG. 3) AS THE COLLEGE OF
MEDICINE

OWNER:
UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES
C-41 BCTD AVE., LAPASAN HIGHWAY, CAGAYAN DE ORO CITY

NOTED BY:
DR. FERDINAND A. DUMPA
DIRECTOR, FACULTY MANAGEMENT
SERVICES

RECOMMENDING APPROVAL:
DR. JONATHAN S. OCHE
VICE CHANCELLOR FOR FINANCE
AND ADMINISTRATION

REC'D FINANCIAL APPROVAL:
DR. ARBENZ B. CULTURA II
CHANCELLOR, USSTP-CAG CAMPUS
UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES

APPROVER:
DATE

SHEET TITLE:
1. COUNTER TABLE
DETAIL

DESIGNED BY: S.C.H.
DATE

CHECKED BY: R.P.E.
DATE

SHEET NO.
A
B
8
12

<p>NAME: PICTURE WINDOW LOCATION: CLEAN ROOM DESCRIPTION: 3x2 FT FLAT GLASS WITH 5x2 RECTANGULAR ALUMINUM FRAMING</p>	<p>NAME: JALOUSIE WINDOW DESCRIPTION: JALOUSIE, WITH PRE-WITH PRE-PAINTED WINDOW JAMB</p>	<p>NAME: SLIDING WINDOW LOCATION: MICROPARASITOLOGY LAB. THEORY DESCRIPTION: 3 FT FLAT GLASS WITH POWDER-COATED WHITE 3x7 RECTANGULAR ALUMINUM FRAMING</p>	<p>NAME: SLIDING WINDOW LOCATION: MICROPARASITOLOGY LABORATORY DESCRIPTION: 3 FT FLAT GLASS WITH ALUMINUM FRAMING</p>	<p>NAME: SLIDING WINDOW LOCATION: MICROPARASITOLOGY LABORATORY DESCRIPTION: 3 FT FLAT GLASS WITH ALUMINUM FRAMING</p>	<p>NAME: JALOUSIE WINDOW DESCRIPTION: JALOUSIE, WITH PRE-WITH PRE-PAINTED WINDOW JAMB</p>	<p>NAME: JALOUSIE WINDOW DESCRIPTION: JALOUSIE, WITH PRE-WITH PRE-PAINTED WINDOW JAMB</p>	<p>NAME: JALOUSIE WINDOW DESCRIPTION: JALOUSIE, WITH PRE-WITH PRE-PAINTED WINDOW JAMB</p>

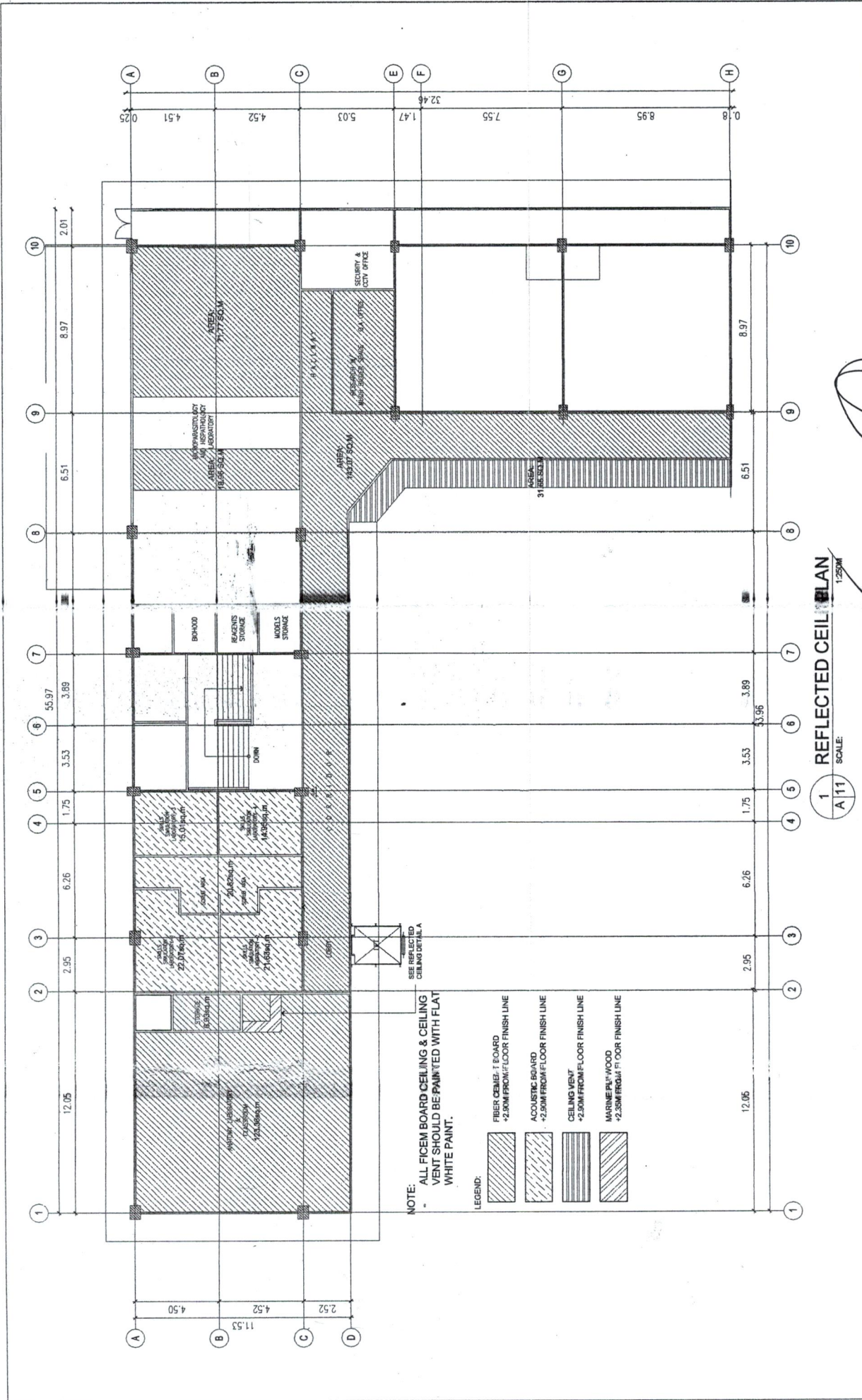
1 SCHEDULE OF WINDOWS
SCALE: 1:150M
A 10

<p>NAME: GLASS DOOR LOCATION: ANATOMY LABORATORY DESCRIPTION: 3 FT FLAT GLASS WITH 5x2 RECTANGULAR ALUMINUM FRAMING AND STAINLESS STEEL DOOR HANDLE</p>	<p>NAME: GLASS DOOR LOCATION: SIMULATION ROOM DESCRIPTION: 3 FT FLAT GLASS WITH 5x2 RECTANGULAR ALUMINUM FRAMING AND STAINLESS STEEL DOOR HANDLE</p>	<p>NAME: FLUSH DOOR LOCATION: MICROPARASITOLOGY DESCRIPTION: WOODEN FLUSH DOOR WITH DOOR LOCK SET</p>

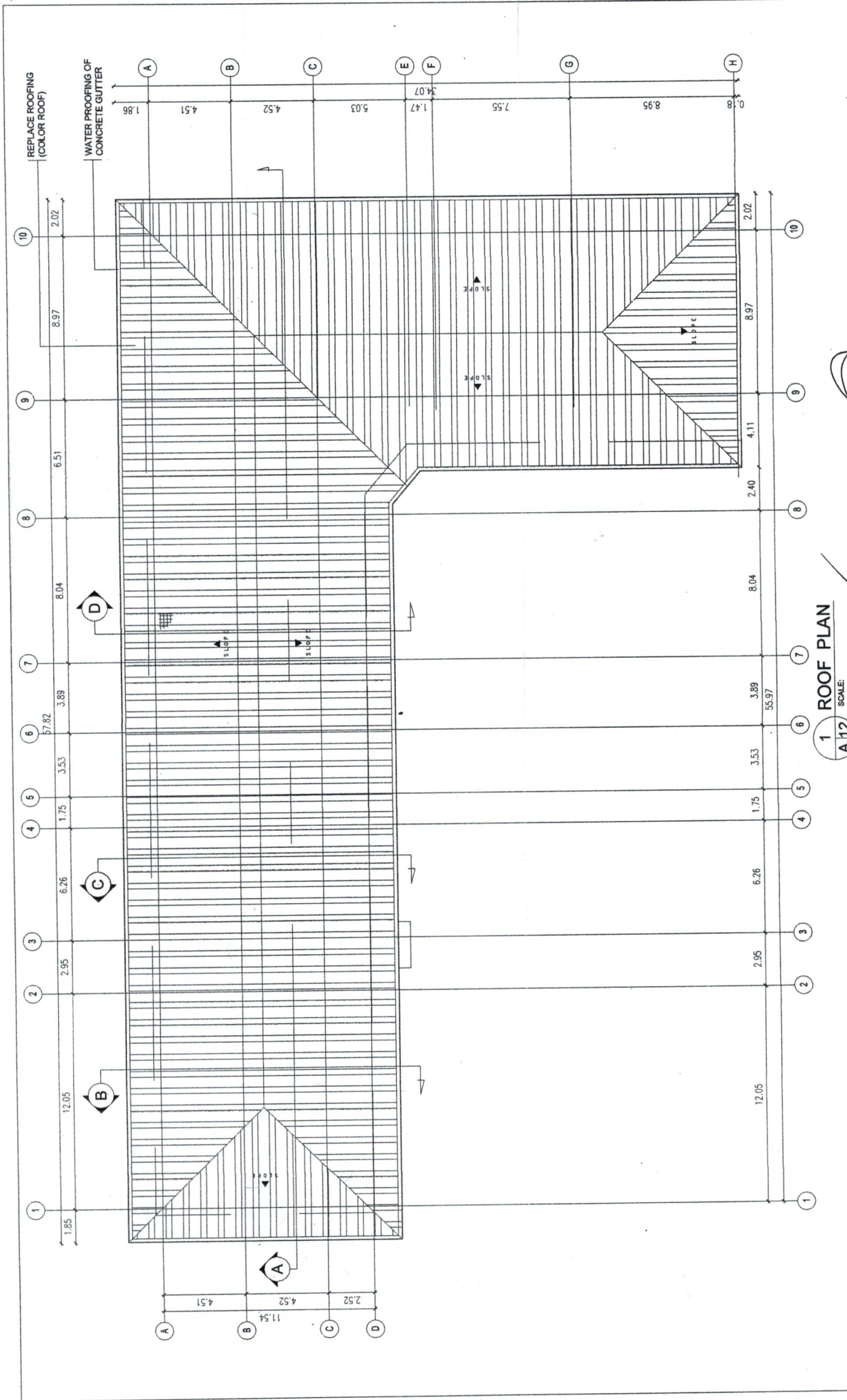
<p>NAME: ACCORDION DOOR LOCATION: CLEAN ROOM THEORY DESCRIPTION: PVC ACCORDION PANELS WITH GLISERS ON CEILING-MOUNTED TRACK</p>	<p>NAME: PANEL DOOR LOCATION: CLASSROOMS DESCRIPTION: WOODEN PANEL DOOR WITH LOCK SET AND DOOR LOCK SET</p>	<p>NAME: PANEL DOOR LOCATION: CLASSROOMS DESCRIPTION: WOODEN PANEL DOOR WITH VIEWING PANE AND DOOR LOCK SET</p>	<p>NAME: PVC PANEL DOOR LOCATION: COMFORT ROOMS DESCRIPTION: PVC PANEL DOOR AND DOOR LOCK SET</p>	<p>NAME: CLEAN ROOM DOOR LOCATION: SIMULATION ROOMS DESCRIPTION: STEEL DOOR WITH VIEWING PANE AND DOOR LOCK SET</p>	<p>NAME: GLASS DOOR LOCATION: RESEARCH OFFICE DESCRIPTION: 3 FT FLAT GLASS WITH 5x2 RECTANGULAR ALUMINUM FRAMING AND STAINLESS STEEL DOOR HANDLE</p>

2 SCHEDULE OF DOORS
SCALE: 1:150M
A 10

<p>REPUBLIC OF THE PHILIPPINES UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES SOUTHERN PHILIPPINES CIVIL AND SANITARY WORKS UNIT C. N. RECTO AVENUE, LAGANAN 9000 CAGAYAN DE ORO CITY TEL. NO. (0882) 742-60-65 / (088) 885-1231 / 885-1239 Tels FAX (088) 885-4006 WWW.USTP.EDU.PH</p>	<p>PREPARED BY: ENGR. ANICE D. C. MERI, JR. HEAD, CIVIL AND SANITARY WORKS SECTION PIC NO.: PTR NO.:</p>	<p>PROJECT: PROPOSED RENOVATION OF ITB (BLDG. 3) AS THE COLLEGE OF MEDICINE LOCATION: C. N. RECTO AVE., LAGANAN HIGHWAY, CAGAYAN DE ORO CITY OWNER: UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES</p>	<p>NOTED BY: AR. FERDINAND DIRECTOR, MUNICIPAL MANAGEMENT SERVICES</p>	<p>RECOMMENDING APPROVAL: ATTY. JONATHAN S. OCHE VICE CHANCELLOR FOR FINANCE AND ADMINISTRATION</p>	<p>APPROVED: DR. AMOROSO PRESIDENT</p>	<p>SHEET TITLE: 1. SCHEDULE OF DOORS 2. SCHEDULE OF WINDOWS</p>	<p>DRAWN BY: G. C. N. DATE: CAD BY: P.P.E. DATE:</p>	<p>SHEET NO. A 10 10 12</p>

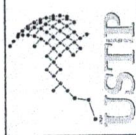


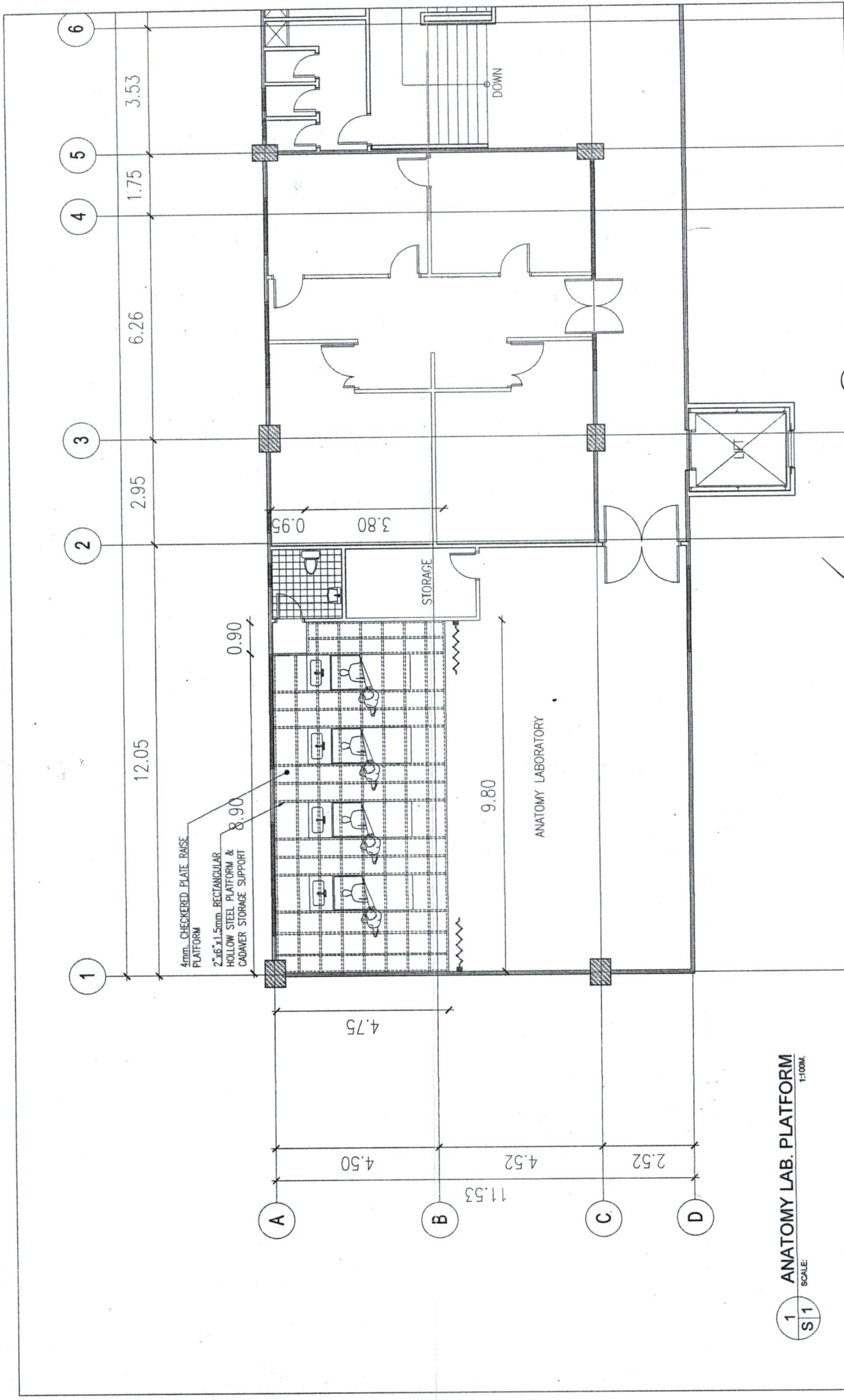
REPUBLIC OF THE PHILIPPINES UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES CIVIL AND SANITARY WORKS UNIT C. M. RECTO AVENUE, LAPASAN HIGWAY, CAGAYAN DE ORO CITY TEL. NOS. (08822) 70-50-95 / (088) 85-1728 / 85-1729 TELE FAX NO. (08822) 70-50-95 / (088) 85-1728 / 85-1729 WWW SITE : WWW.USTP.EDU.PH		PROJECT: REPAIR, ANICE P. C. NERI, JR., BLDG. CIVIL AND SANITARY WORKS SECTION	PROPOSED RENOVATION OF ITB (BLDG. 3) AS THE COLLEGE OF MEDICINE	NOTED BY: AR. FERDINAND S. OCHOA DIRECTOR, AUXILIARY SERVICES	RECOMMENDING APPROVAL: ATTY. JONATHAN S. OCHOA VICE CHANCELLOR FOR FINANCE AND ADMINISTRATION	APPROVED: DR. AMBROSIO S. CULIURA II UNIVERSITY PRESIDENT	SHEET TITLE SHEET CONTENTS: 1. REFLECTED CEILING PLAN	DRAWN BY: S.C.H. DATE CAD BY: R.P.E. DATE	SHEET NO. A 11 11 12
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1 ROOF PLAN
SCALE: A 1/2

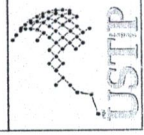
RECOMMENDING APPROVAL: ATTY. JONATHAN S. OCHE VICE CHANCELLOR IN CHARGE FOR ADMINISTRATION	RECOMMENDING APPROVAL: DR. AMBERLY B. CULIURA II VICE PRESIDENT	SHEET TITLE: 1. ROOF PLAN	DRAWN BY: D.C.H. DATE:	SHEET NO. A 12
NOTED BY: AR. FERDINAND TORRES DIRECTOR - BUILDING MANAGEMENT OFFICE	NOTES BY: AR. FERDINAND TORRES DIRECTOR - BUILDING MANAGEMENT OFFICE	PROJECT: PROPOSED RENOVATION OF ITB (BLDG. 3) AS THE COLLEGE OF MEDICINE	PREPARED BY: ENGR. ANICE O. NERI, JR. HEAD, CIVIL AND SANITARY WORKS SECTION	REPUBLIC OF THE PHILIPPINES UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES CIVIL AND SANITARY WORKS UNIT
LOCATION: C.H. RECTO AVE., LAPASAN HIGHWAY, CAGAYAN DE ORO CITY	OWNER: UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES	FIG. NO.:	DATE ISSUED:	C.H. RECTO AVE., LAPASAN HIGHWAY, CAGAYAN DE ORO CITY TEL. NO. (08822) 72-6645 / (081) 866-1734 / 866-1739 TELS FAX (088) 866-6666 REG. OFF. : 0882207200 PM

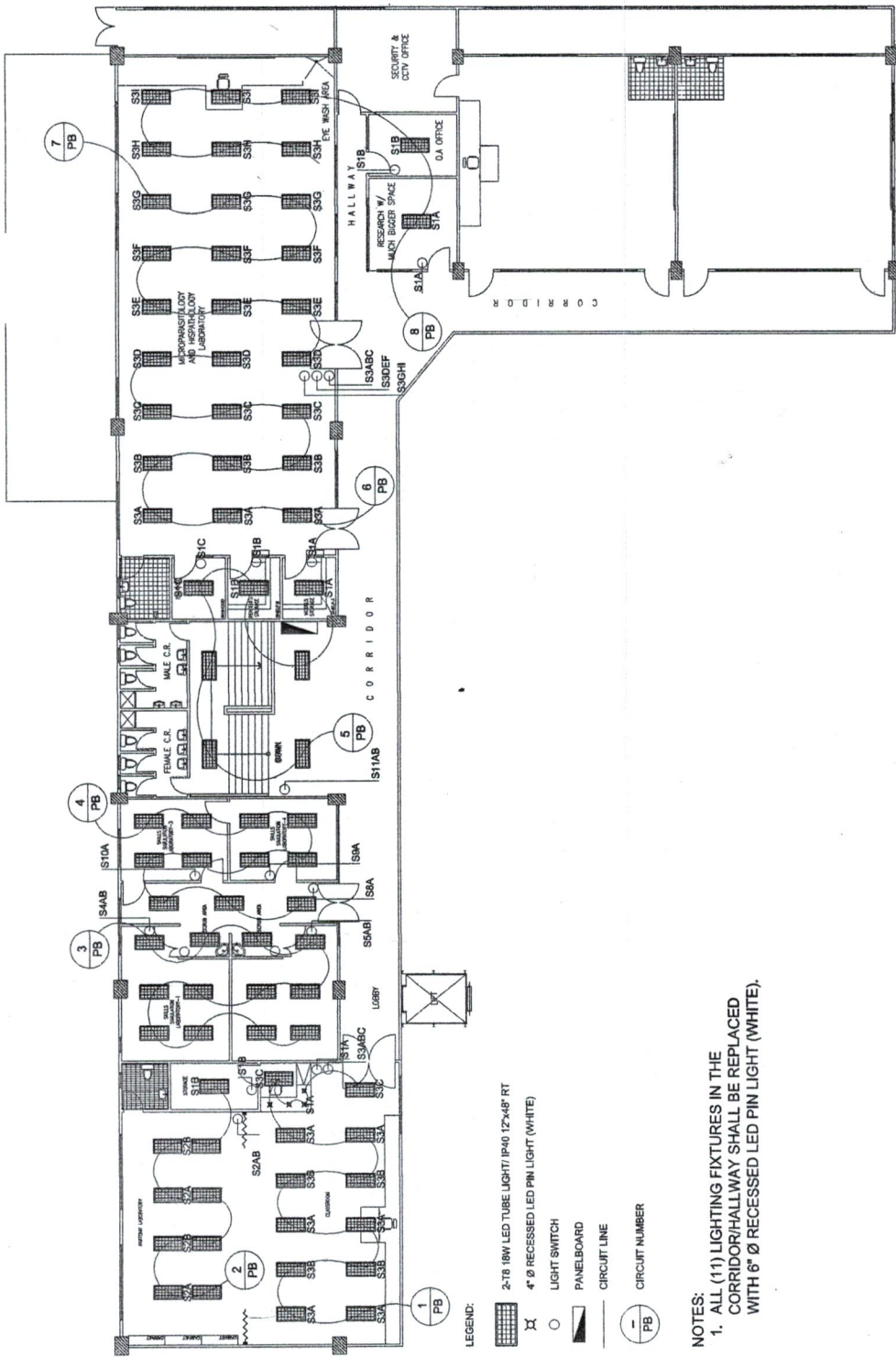




1 ANATOMY LAB. PLATFORM
SCALE: 1:100M

PREPARED BY: ENGR. ANICED C. MERI, JR. PEEL CIVIL AND SANITARY WORKS SECTION	PROJECT: PROPOSED RENOVATION OF ITB (BLDG. 3) AS THE COLLEGE OF MEDICINE	NOTED BY: AR. FERDINAND ALBORFA DIRECTOR, ARCHITECTURAL SERVICES	RECOMMENDING APPROVAL:	RECOMMENDING APPROVAL:	APPROVED:	SHEET TITLE:	DRAWN BY: G.C.H.	SHEET NO.:	
			RECOMMENDING APPROVAL: MR. JOSEPH S. OCHE VICE CHANCELLOR, OFFICE AND ADMINISTRATION	RECOMMENDING APPROVAL: MR. JONATHAN S. OCHE VICE CHANCELLOR, OFFICE AND ADMINISTRATION	APPROVED: DR. AMBROSIO B. CULTURA II UNIVERSITY PRESIDENT	SHEET CONTENTS: 1. ANATOMY LAB PLATFORM	DATE: DATE: DATE:	DATE: DATE: DATE:	1 1 1
LOCATION: C.M. RECTO AVE., LAPASAN HIGHWAY, CAGAYAN DE ORO CITY UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES		OWNER: UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES		DATE ISSUED:		DATE:		DATE:	



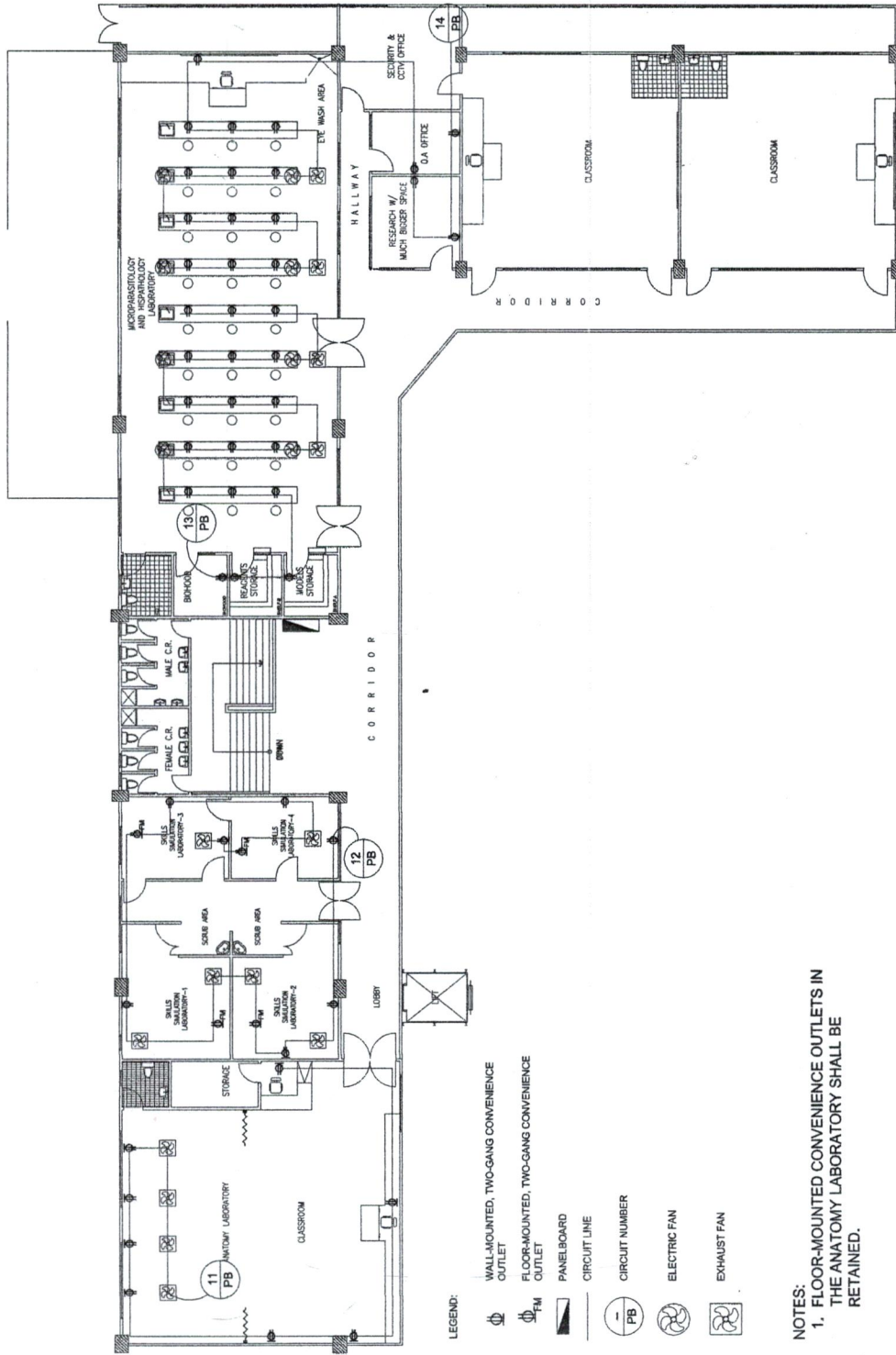


- LEGEND:**
- 2-FT 18W LED TUBE LIGHT/ IP40 12"x48" RT
 - 4" Ø RECESSED LED PIN LIGHT (WHITE)
 - LIGHT SWITCH
 - PANELBOARD
 - CIRCUIT LINE
 - CIRCUIT NUMBER

NOTES:
 1. ALL (11) LIGHTING FIXTURES IN THE CORRIDOR/HALLWAY SHALL BE REPLACED WITH 6" Ø RECESSED LED PIN LIGHT (WHITE).

1 E1 PROPOSED LIGHTING LAYOUT
 SCALE: 1:250M

REPUBLIC OF THE PHILIPPINES UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES CIVIL AND SANITARY WORKS UNIT C. M. RECTO AVENUE, LAPASAN HIGHWAY, CAGAYAN DE ORO CITY TEL. NOS. (08823) 72-66-65 / (088) 856-1728 / 856-1759 FAX NO. 856-1759 WWW.USTP.EDU.PH	PREPARED BY: ENGR. ANICE D. C. NERI, JR. REGD. CIVIL AND SANITARY WORKS SECTION	PROJECT: PROPOSED RENOVATION OF ITB (BLDG. 3) AS THE COLLEGE OF MEDICINE	LOCATION: C. M. RECTO AVE., LAPASAN HIGHWAY, CAGAYAN DE ORO CITY UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES	OWNER: UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES	SHEET TITLE: SHEET CONTENTS: 1. LAYOUT	SHEET NO. E1 1 3
	DATE ISSUED: _____	DATE: _____	APPROVED: DR. AMBROSIO D. CULTURA II UNIVERSITY PRESIDENT	RECOMMENDING APPROVAL: ATTY. JONATHAN S. OCHE VICE CHANCELLOR FOR FINANCE AND ADMINISTRATION	RECOMMENDING APPROVAL: ATTY. DONALD O. ALBINA CHANCELLOR, USTP-CAGAYAN DE ORO CAMPUS	DRAWN BY: S. C. N. DATE: _____

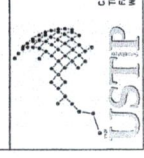


- LEGEND:**
- WALL-MOUNTED, TWO-GANG CONVENIENCE OUTLET
 - FLOOR-MOUNTED, TWO-GANG CONVENIENCE OUTLET
 - PANELBOARD
 - CIRCUIT LINE
 - CIRCUIT NUMBER
 - ELECTRIC FAN
 - EXHAUST FAN

NOTES:
 1. FLOOR-MOUNTED CONVENIENCE OUTLETS IN THE ANATOMY LABORATORY SHALL BE RETAINED.

1 PROPOSED CONVENIENCE OUTLET LAYOUT
 E | 2 | SCALE: 1:250M

PREPARED BY: ENGR. ANICED C. MERL JR. <small>CIVIL, CIVIL AND SANITARY WORKS ELECTRONIC</small> PIC NO.: _____ PTR NO.: _____	PROJECT: PROPOSED RENOVATION OF ITB (BLDG. 3) AS THE COLLEGE OF MEDICINE LOCATION: C.M. RECTO AVE., LAPASAN NEWWAY, CAGAYAN DE ORO CITY OWNER: UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES	NOTED BY: ATTY. DIONEL D. ALBINA <small>VICE CHANCELLOR FOR FINANCE AND ADMINISTRATION</small>	RECOMMENDING APPROVAL: ATTY. JONATHAN S. OCHE <small>VICE CHANCELLOR FOR FINANCE AND ADMINISTRATION</small>	APPROVED: DR. AMBROSE B. CULTURA II <small>UNIVERSITY PRESIDENT</small>	SHEET TITLE: 1. PROPOSED CONVENIENCE OUTLET LAYOUT	SHEET NO.: E 2
						DRAWN BY: E.C.N. DATE: _____



REPUBLIC OF THE PHILIPPINES
 UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES
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 C.M. RECTO AVENUE, LAPASAN 9008 CAGAYAN DE ORO CITY
 TEL. (088) 852-2000 / (088) 852-2001 / (088) 852-2002 / (088) 852-2003
 FAX (088) 852-2004
 WEB SITE: www.ustip.edu.ph

PANEL BOARD A - SCHEDULE OF LOADS

Table for Panel Board A with columns: Panel No., C.T. No., Load Description, L.O., C.O., Other Loads, HP Rating, Switches, Voltage Rating, VA Per Circuit, Circuit Load Current, Size of Breakers, Wire Size, Conduit, Grounding.

For Service Conductor: I_L = 144.09 x 1.02 (0.8) x 0.3 I_m = 50.108 A

Therefore use 125 AMPERE CIRCUIT BREAKER, 3 PHASE, 230V USE 3 - 80mm² THHN COPPER, 1 - 14mm² GROUND @ 50mm x Conduit

LEGEND:

- EXISTING A.C.U. (shaded box)
-ADDITIONAL A.C.U. (white box)

NOTE: PROVIDE PROVISION FOR ALL NEW/ADDITIONAL PIPE LINES FROM A.C.U TO CONDENSER UNITS.

PANEL BOARD B - SCHEDULE OF LOADS

Table for Panel Board B with columns: Panel No., C.T. No., Load Description, L.O., C.O., Other Loads, HP Rating, Switches, Voltage Rating, VA Per Circuit, Circuit Load Current, Size of Breakers, Wire Size, Conduit, Grounding.

For Service Conductor: I_L = 108 x 1.02 (0.7) x 0.3 I_m = 32.02 A

Therefore use 225 AMPERE CIRCUIT BREAKER, 3 PHASE, 230V USE 3 - 100mm² THHN COPPER, 1 - 100mm² GROUND @ 50mm x Conduit

1 SINGLE LINER/ RISER DIAGRAM



REPUBLIC OF THE PHILIPPINES UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES... PROJECT: PROPOSED RENOVATION OF ITB (BLDG. 3) AS THE COLLEGE OF MEDICINE

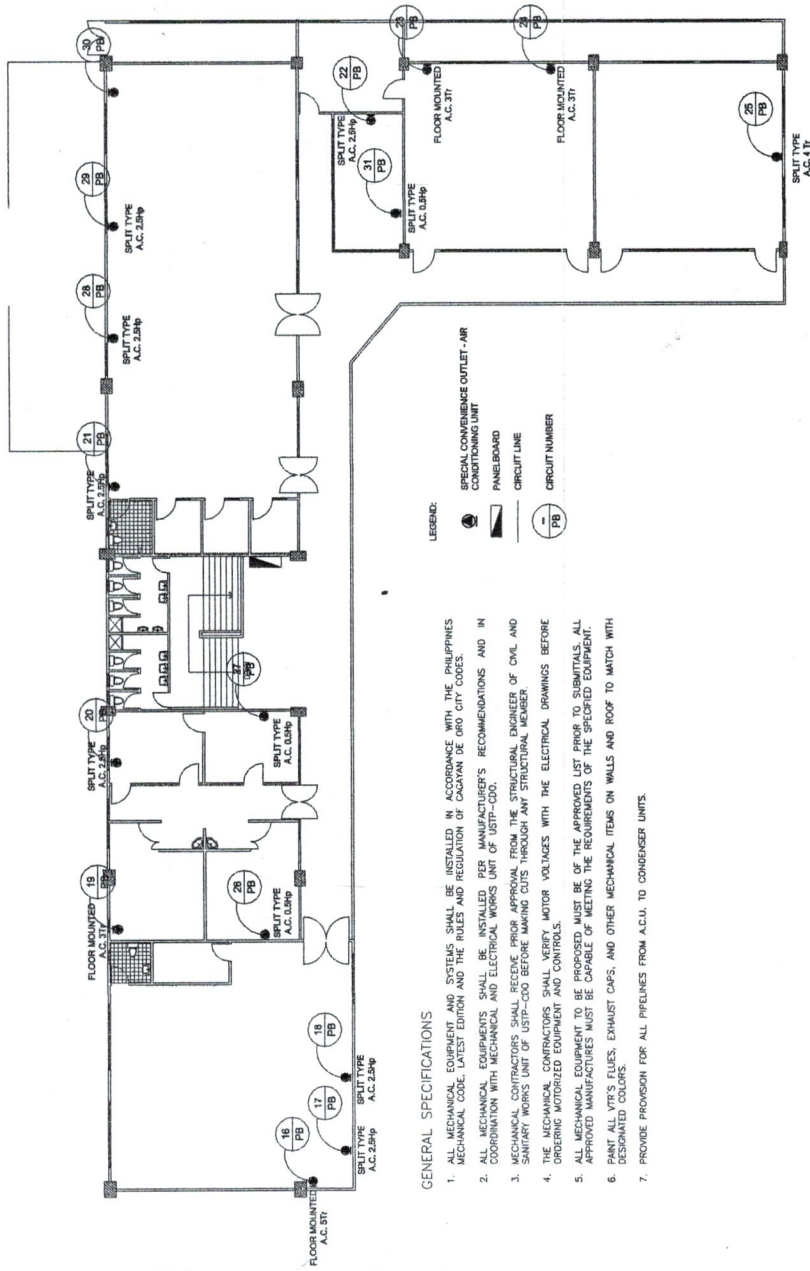
PREPARED BY: ENGR. ANICETA C. NERI, JR. REGISTERED ELECTRICAL ENGINEER

PROPOSED RENOVATION OF ITB (BLDG. 3) AS THE COLLEGE OF MEDICINE (BLDG. 3) AS THE COLLEGE OF MEDICINE

RECOMMENDING APPROVAL: RECOMMENDING APPLICANT: RECOMMENDING PRESIDENT

APPROVED: [Signature] CHANCELLOR: DR. AMRICO... PRESIDENT

SHEET TITLE: 1. SCHEDULE OF LOADS SHEET NO. E 3 4

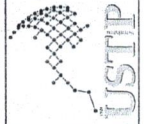


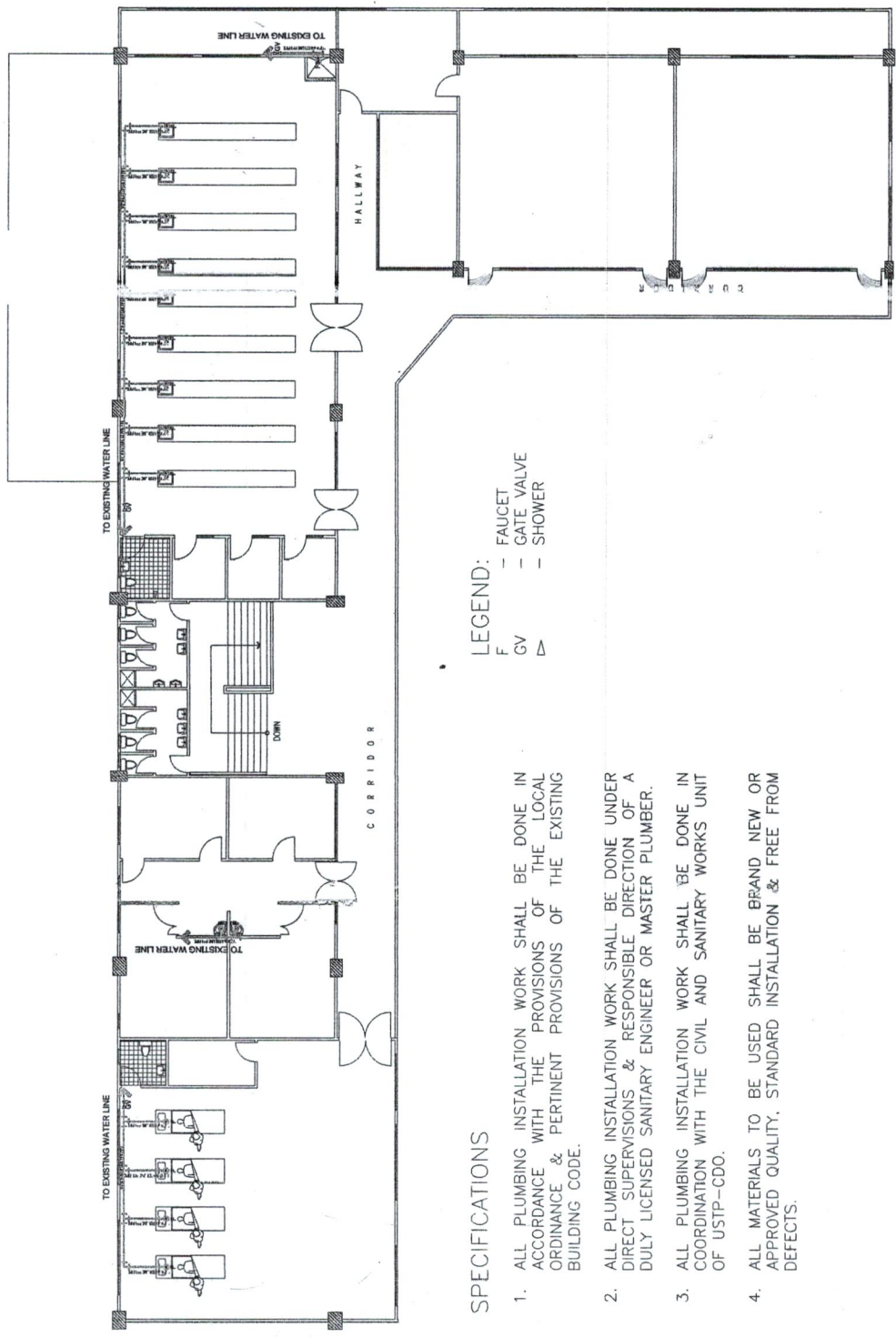
GENERAL SPECIFICATIONS

1. ALL MECHANICAL EQUIPMENT AND SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE PHILIPPINES MECHANICAL CODE LATEST EDITION AND THE RULES AND REGULATION OF CAGAYAN DE ORO CITY CODES.
2. ALL MECHANICAL REQUIREMENTS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND IN COORDINATION WITH MECHANICAL AND ELECTRICAL WORKS UNIT OF USTP-CDO.
3. WORKERS SHALL BE RESPONSIBLE FOR OBTAINING APPROVAL FROM THE STRUCTURAL ENGINEER OF CIVIL AND SANITARY WORKS UNIT OF USTP-CDO BEFORE MAKING CUTS THROUGH ANY STRUCTURAL MEMBER.
4. THE MECHANICAL CONTRACTORS SHALL VERIFY MOTOR VOLTAGES WITH THE ELECTRICAL DRAWINGS BEFORE ORDERING MOTORIZED EQUIPMENT AND CONTROLS.
5. ALL MECHANICAL EQUIPMENT MUST BE OF THE APPROVED LIST FIRST TO SUBMITTALS. ALL APPROVED MANUFACTURES MUST BE CAPABLE OF MEETING THE REQUIREMENTS OF THE SPECIFIED EQUIPMENT.
6. PAINT ALL VTR'S FLEES, EXHAUST CAPS, AND OTHER MECHANICAL ITEMS ON WALLS AND ROOF TO MATCH WITH DESIGNATED COLOURS.
7. PROVIDE PROVISION FOR ALL PIPELINES FROM A.C.U. TO CONDENSER UNITS.

1 M 1 NTS EXISTING MECHANICAL PLAN (AIR CONDITIONING UNITS)

PREPARED BY: ENGR. ANICET C. NERI, JR. <small>REGISTERED PROFESSIONAL ENGINEER</small> PRC NO.: 11111 PTR NO.: 11111	PROJECT: PROPOSED RENOVATION OF ITB (BLDG. 3) AS THE COLLEGE OF MEDICINE LOCATION: C.M. RECTO AVE., LAPASAN HIGHWAY, CAGAYAN DE ORO CITY OWNER: UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES	NOTES BY: AR. FERDINAND X. DURIP <small>DIRECTOR FOR ARCHITECTURE</small>	RECOMMENDING APPROVAL: ATTY. JONATHAN S. OCHIE <small>VICE CHANCELLOR FOR FINANCE AND ADMINISTRATION</small>	APPROVED: DR. AMBROJO S. CULTURA II <small>UNIVERSITY PRESIDENT</small>	SHEET CONTENTS: 1. DRAWING 2. CONVENIENCE OUTLET DETAIL	SHEET NO.: M 1





SPECIFICATIONS

1. ALL PLUMBING INSTALLATION WORK SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LOCAL ORDINANCE & PERTINENT PROVISIONS OF THE EXISTING BUILDING CODE.
2. ALL PLUMBING INSTALLATION WORK SHALL BE DONE UNDER DIRECT SUPERVISIONS & RESPONSIBLE DIRECTION OF A DULY LICENSED SANITARY ENGINEER OR MASTER PLUMBER.
3. ALL PLUMBING INSTALLATION WORK SHALL BE DONE IN COORDINATION WITH THE CIVIL AND SANITARY WORKS UNIT OF USTP-CDO.
4. ALL MATERIALS TO BE USED SHALL BE BRAND NEW OR APPROVED QUALITY, STANDARD INSTALLATION & FREE FROM DEFECTS.

LEGEND:

- F - FAUCET
- GV - GATE VALVE
- ▲ - SHOWER

1 P1 SCALE: 1:200M

	REPUBLIC OF THE PHILIPPINES UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES CIVIL AND SANITARY WORKS UNIT C.H. RECTO AVENUE, LIPASAN 8000 CAGAYAN DE ORO CITY TEL. (088) 854-4208 / (088) 856-1758 / 856-1758 Tlx FAX (088) 854-4208 WEB SITE : WWW.USTIP.EDU.PH	PREPARED BY: ENGR. ANICET C. NERI, JR. HEAD, CIVIL AND SANITARY WORKS SECTION REG. NO.: [] DATE ISSUED: []	PROJECT: PROPOSED RENOVATION OF ITB (BLDG. 3) AS THE COLLEGE OF MEDICINE LOCATION: C.H. RECTO AVE., LIPASAN HIGHWAY, CAGAYAN DE ORO CITY OWNER: UNIVERSITY OF SCIENCE & TECHNOLOGY OF SOUTHERN PHILIPPINES	NOTED BY: DR. FERDINAND A. JUMPA DIRECTOR, FACULTY MANAGEMENT SERVICE	RECOMMENDING APPROVAL: MR. JONATHAN S. OCHE VICE CHANCELLOR FOR FINANCE AND ADMINISTRATION	RECORD APPROVAL: ATT. DR. O. ALBINA CH. OFFICE-CDO CANON	APPROVED: DR. AMBROSIO B. CULTURA II UNIVERSITY PRESIDENT	SHEET TITLE: 1. WATER SUPPLY LAYOUT	DRAWN BY: G.C.H. DATE: [] CHECK BY: R.P.E. DATE: []	SHEET NO. P 1 1 2
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