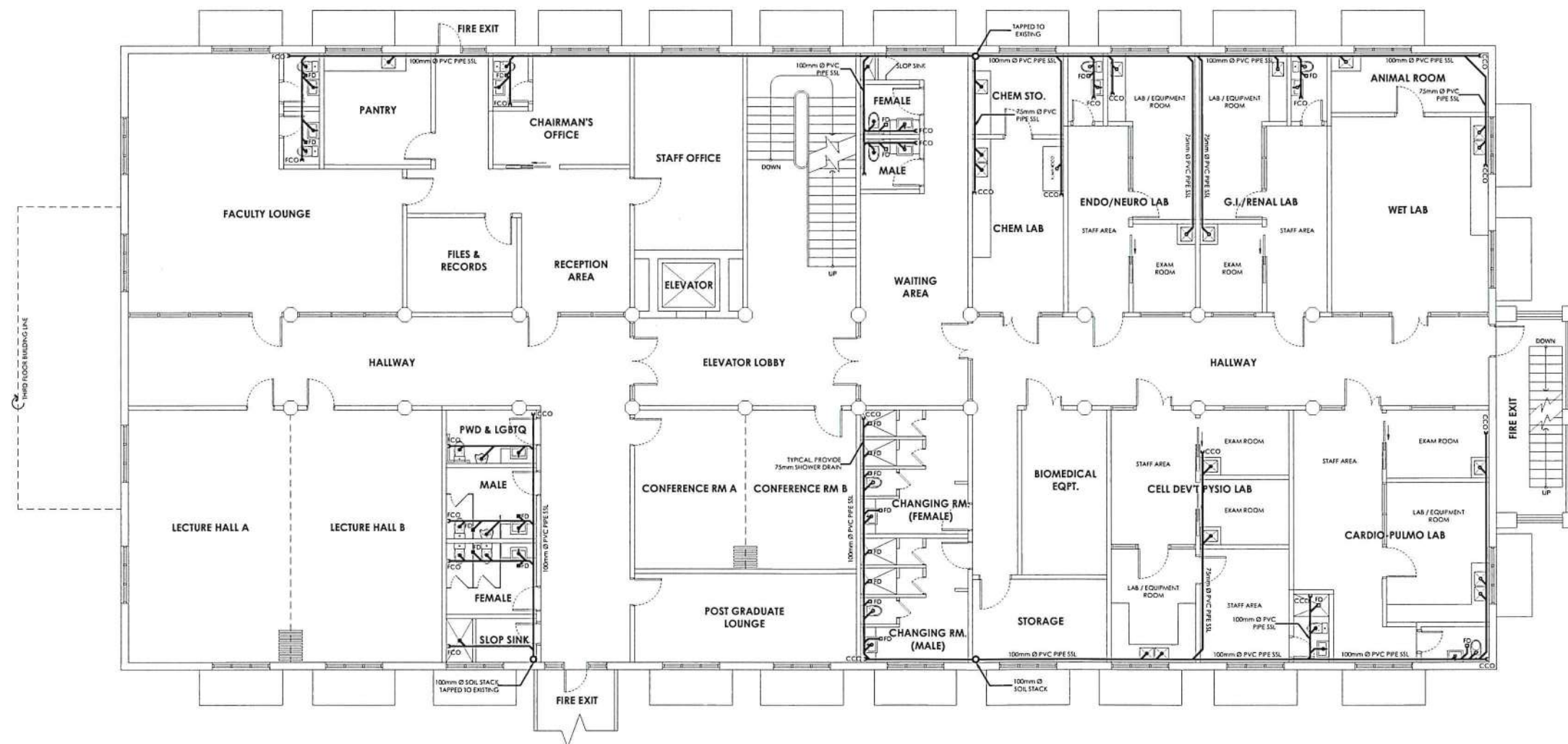


DEPT. OF PHYSIOLOGY
2ND FLOOR, SALCEDO HALL

KEY PLAN
SCALE: NTS



DEPT. OF PHYSIOLOGY, 2ND FLOOR
SANITARY LINE LAYOUT
SCALE: 1:100 MTS

LEGEND:	GENERAL NOTES:
SSL	PVC PIPE SANITARY SEWER LINE
CWL	PPR PIPE COLD WATER LINE
CCO	CEILING CLEAN-OUT
SS	SOIL STOCK
FD	100 mm x 100 mm BRASS FLOOR DRAIN
GV	GATE VALVE
WC	FLOOR MOUNTED CERAMIC ELONGATED WATER CLOSET, ONE PIECE TANK TYPE, LOW CONSUMPTION 4.5 LPF, DUAL FLUSH WITH TOILET SEAT & COVER, PROVIDE SPRAY/BIDET HOSE
LAV	COUNTER VESSEL TYPE CERAMIC GLAZE LAVATORY WITH STAINLESS STEEL GOOSENECK FAUCET, 0.54 m (L) x 0.40 m (W) x 0.175 m (H)

- GENERAL NOTES:
- ALL PLUMBING WORKS INCLUDED SHALL BE EXECUTED IN ACCORDANCE TO THE PROVISION OF THE PHILIPPINE PLUMBING CODE, THE NATIONAL BUILDING CODE, AND THE RULES AND REGULATIONS OF THE LOCAL MUNICIPALITY.
 - COORDINATE THE DRAWINGS WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS. THE ENGINEER AND/OR THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND HEREIN.
 - ALL PIPES SHALL BE INSTALLED AS INDICATED. ANY RELOCATION REQUIRED FOR PROPER EXECUTION OF THE PLUMBING WORK SHALL BE WITH PRIOR APPROVAL OF THE ENGINEER AND/OR THE ARCHITECT.
 - PROPOSED SANITARY UTILITIES SHALL CONFORM THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATIONS OF ALL EXISTING PIPES & STRUCTURES AS VERIFIED BY THE CONTRACTOR.
 - ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL MAINTAIN ONE PERCENT (0.01) AND ONE-HALF PERCENT (0.005) MINIMUM UNLESS OTHERWISE SPECIFIED.
 - WATER SUPPLY PIPE TO THE FIXTURE SHALL BE SIZED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
 - ALL BRANCHES OF FIXTURE OR GROUP OF FIXTURES SHALL BE PROVIDED WITH AIR CHAMBER MADE CAPPED VERTICAL EXTENSION PIPE.
 - ALL WATER LINES SHALL BE HYDROSTATICALLY TESTED @ 100 PSI FOR A PERIOD OF TWO (2) HOURS BEFORE BURIED OR COVERED. GALVANIZED IRON (G.I.) PIPES DIRECTLY IN CONTACT WITH THE SOIL SHALL BE PROVIDED WITH TWO COATS OF MELTED ASPHALT.
 - THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES @ SITE AND COORDINATE THE WORK WITH THE SEWER AND STORM DRAINAGE LINE EFFLUENT DISPOSAL POINT AND WATERLINE SERVICE CONNECTING/TAPPING POINT.
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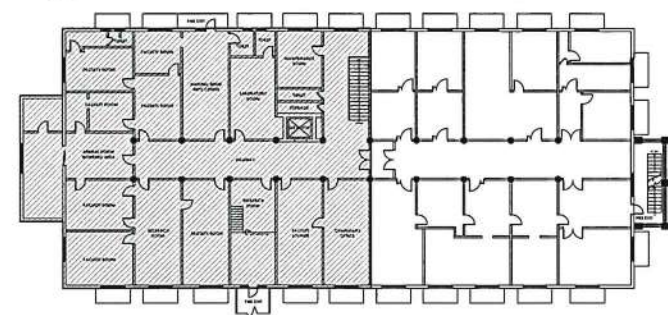
 CPDMO CAMPUS PLANNING DEVELOPMENT & MAINTENANCE OFFICE U.P. MANILA P. Faura Street, Ermita, Manila Tel. No. 526-2233 Telefax No. 526-8420	SANITARY ENGINEER:		ENDORSED BY:	PROJECT TITLE:	RECOMMENDING APPROVAL:	APPROVED:	SHEET CONTENT:	SHEET NO.:
	PRC NO.	PTR NO.	AR. ROSALIE G. FLORES-BERNARDO CHIEF, CPDMO	PROPOSED REHABILITATION AND RENOVATION OF THE REMAINING BASIC SCIENCE LABORATORIES SALCEDO HALL, COLLEGE OF MEDICINE, UNIVERSITY OF THE PHILIPPINES MANILA	CHARLOTTE M. CHIONG, MD, PHD DEAN, COLLEGE OF MEDICINE MICHAEL L. TEE, MD, MHPED, MBA VICE CHANCELLOR FOR PLANNING & DEVELOPMENT ARLENE A. SAMANIEGO, MD VICE CHANCELLOR FOR ADMINISTRATION	CARMENCITA D. PADILLA, MD, MAHPS CHANCELLOR	SANITARY LINE LAYOUT	P-2 2 OF 5



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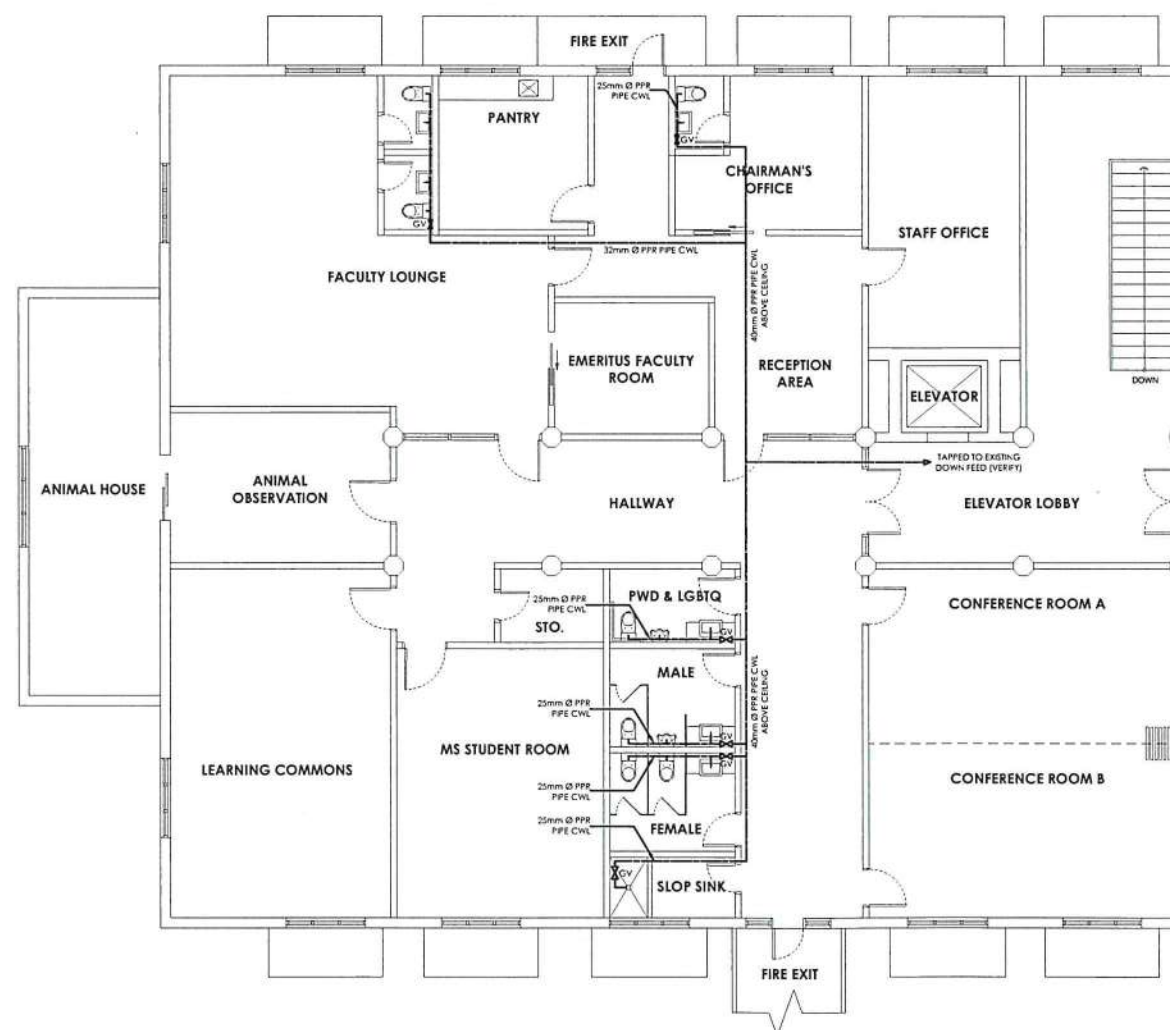
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DEPT. OF PHARMACOLOGY
3RD FLOOR, SALCEDO HALL

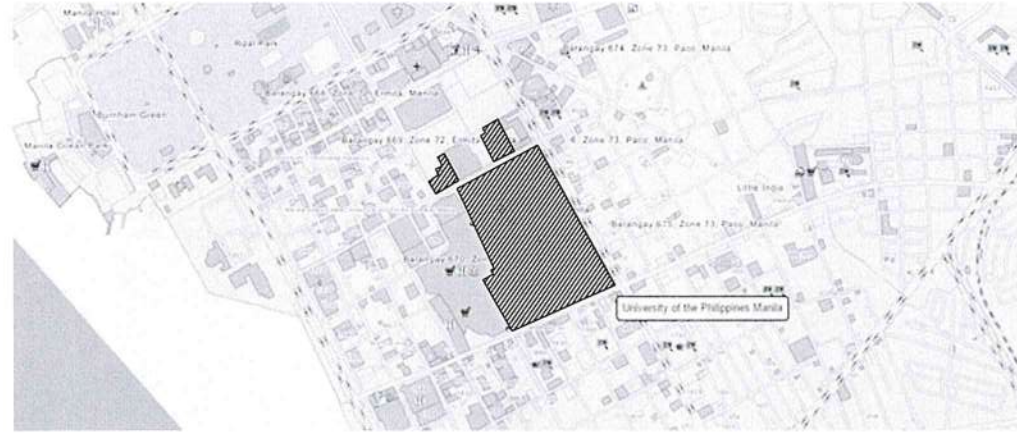
KEY PLAN
SCALE: NTS



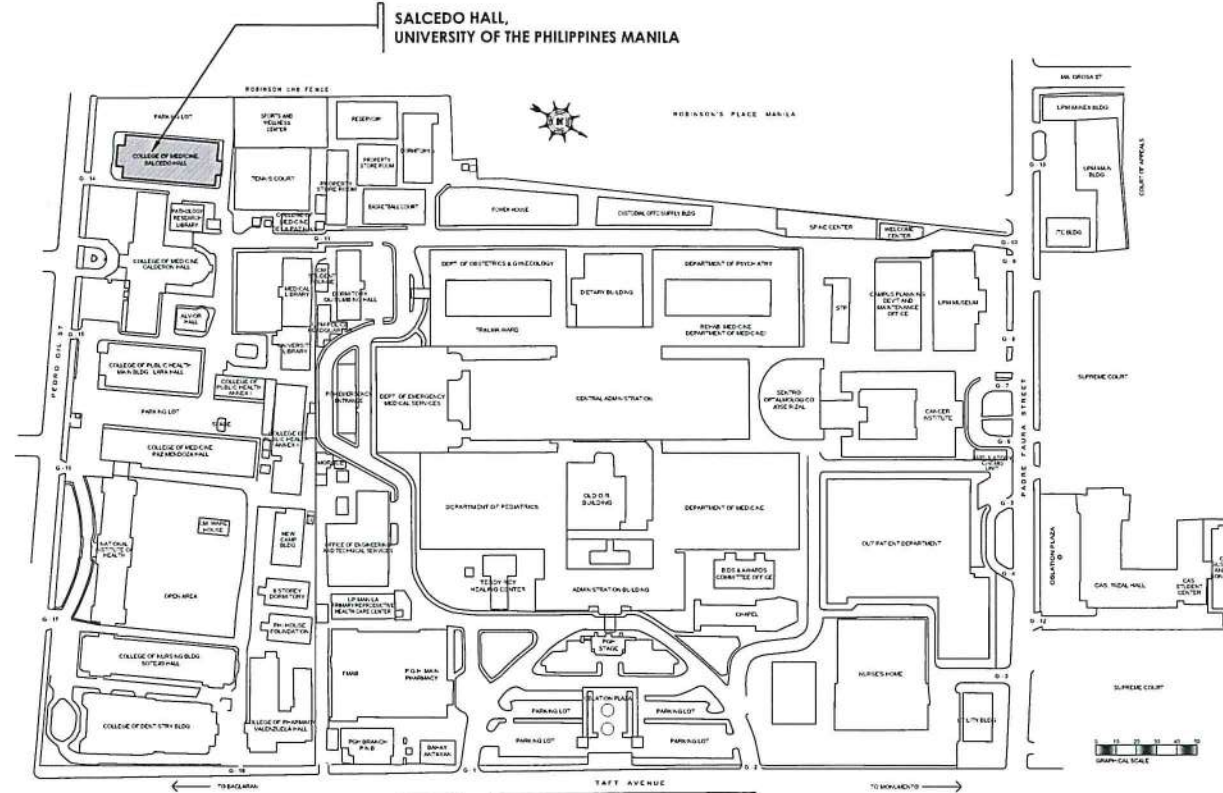
DEPT. OF PHARMACOLOGY, 3RD FLOOR
WATER LINE LAYOUT

1
P-5
SCALE: 1:100 MTS

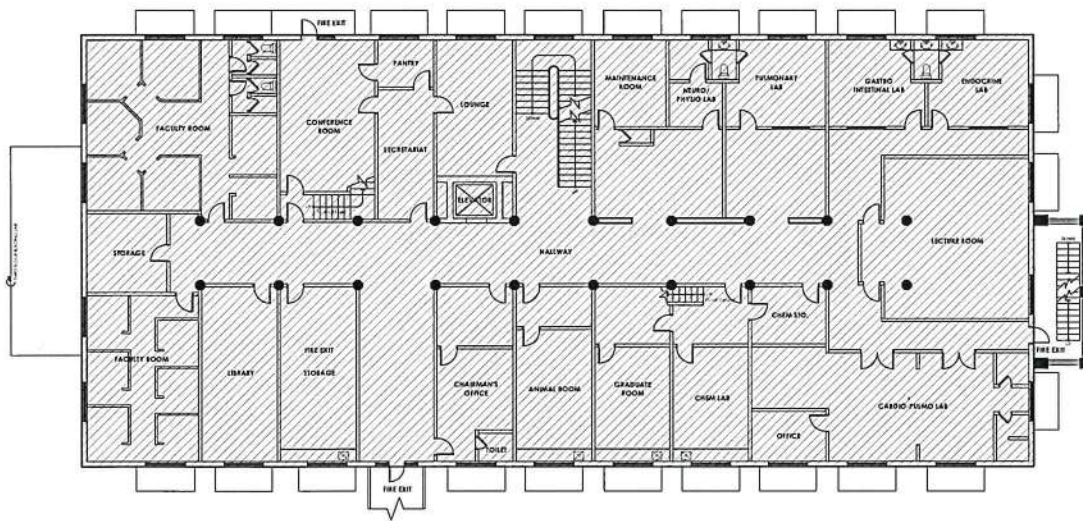
 <p>CAMPUS PLANNING DEVELOPMENT & MAINTENANCE OFFICE U.P. MANILA P. Faura Street, Ermita, Manila Tel. No. 525-2233 Telefax No. 525-8420</p> <p>RA 9258 : THIS DRAWING AS AN INSTRUMENT OF SERVICE IS THE PROPERTY OF CPDMO UP MANILA AND SUCH MUST NOT BE REPRODUCED OR COPIED IN OR IN WHOLE WITHOUT PERMISSION.</p>	SANITARY ENGINEER :	ENDORSED BY :	PROJECT TITLE :	RECOMMENDING APPROVAL :	APPROVED :	SHEET CONTENT :	SHEET NO. :
	<p>PRC NO. _____ PTR NO. _____</p> <p>TIN NO. _____ ISSUED ON _____</p> <p>ISSUED AT _____</p>	<p><i>[Signature]</i></p> <p>AR. ROSALIE G. FLORES-BERNARDO CHIEF, CPDMO</p>	<p>PROPOSED REHABILITATION AND RENOVATION OF THE REMAINING BASIC SCIENCE LABORATORIES</p> <p>SALCEDO HALL, COLLEGE OF MEDICINE, UNIVERSITY OF THE PHILIPPINES MANILA</p>	<p><i>[Signature]</i></p> <p>CHARLOTTE M. CHIONG, MD, PHD DEAN, COLLEGE OF MEDICINE</p> <p><i>[Signature]</i></p> <p>MICHAEL V. TEE, MD, MHPED, MBA VICE CHANCELLOR FOR PLANNING & DEVELOPMENT</p> <p><i>[Signature]</i></p> <p>ARLENE A. SAMANIEGO, MD VICE CHANCELLOR FOR ADMINISTRATION</p>	<p><i>[Signature]</i></p> <p>CARMENCITA D. PADILLA, MD, MAHPS CHANCELLOR</p>	WATER LINE LAYOUT	P-5 5 OF 5



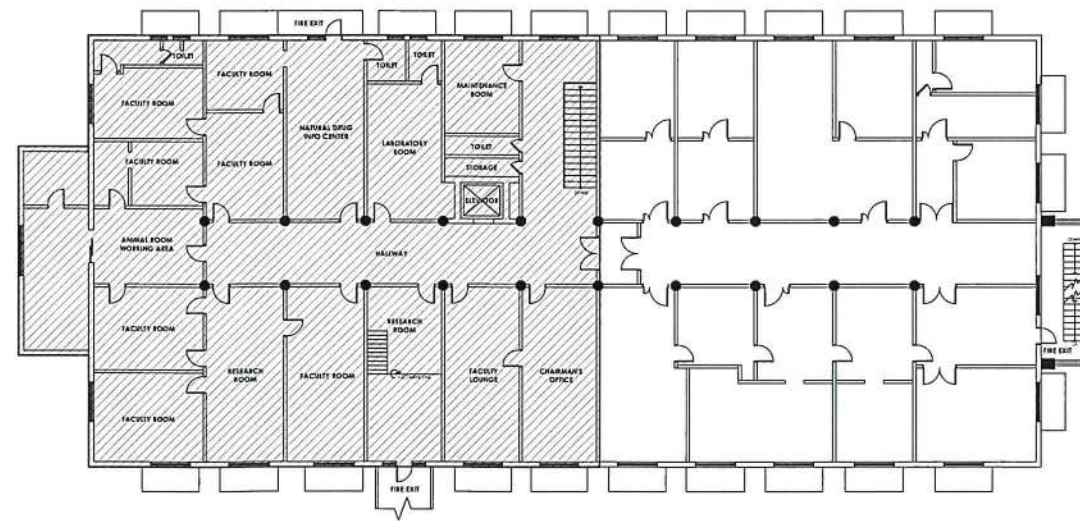
1 VICINITY PLAN
A-1 SCALE: NTS



1 SITE DEVELOPMENT PLAN
A-1 SCALE: NTS




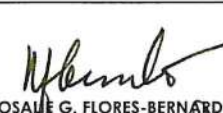


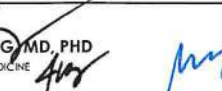
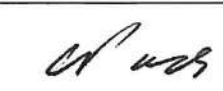
4 DEPARTMENT OF PHYSIOLOGY
SECOND FLOOR KEY PLAN
A-1 SCALE: NTS



4 DEPARTMENT OF PHARMACOLOGY
THIRD FLOOR KEY PLAN
A-1 SCALE: NTS

GENERAL NOTES:

1. ALL ELECTRICAL WORKS SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, THE LAWS AND ORDINANCES OF THE LOCAL CODE, ENFORCING AUTHORITIES AND THE REQUIREMENTS OF THE LOCAL POWER AND TELEPHONE UTILITY COMPANIES.
2. THE CONTRACTOR SHALL SECURE ALL PERMITS AND PAY ALL FEES REQUIRED FOR THE WORK AND SHALL FURNISH THE OWNER THROUGH THE ENGINEERS, FINAL CERTIFICATES OF ELECTRICAL INSPECTION AND APPROVAL FROM PROPER GOVERNMENT AUTHORITIES FOR THE COMPLETION OF WORK.
3. ALL MATERIALS TO BE USED SHALL BE NEW AND INSTALLED IN APPLICATIONS FOR WHICH THEY ARE INTENDED.
4. ALL CONDUIT PIPES SHALL BE POLYVINYL CHLORIDE (PVC) EXCEPT AS NOTED ON THE PLANS AND SPECIFICATIONS. REFER TO SPECIFICATION FOR INSTALLATION REQUIREMENT.
5. MINIMUM SIZE OF CONDUIT SHALL BE 20MM DIAMETER.
6. ALL CONDUIT SHALL BE CONCEALED UNLESS SPECIFICALLY SHOWN OR NOTED OTHERWISE. EXPOSED CONDUIT RUNS SHALL BE INSTALLED PARALLEL TO OR PERPENDICULAR WITH THE BUILDING LINE AND SUPPORTED BY CONDUIT CLAMPS EVERY 1.5 METERS.
7. PROVIDE GALVANIZED PULLING WIRE G.A. 18 FOR ALL EMPTY CONDUITS.
8. PULL BOXES SHALL BE PROVIDED BY THE CONTRACTOR WHENEVER NECESSARY TO FACILITATE WIRE PULLING EVEN IF THESE ARE NOT INDICATED ON THE PLANS.
9. FOR BOXES WITH MORE THAN FOUR WIRES ENTERING, USE 0.10M X 0.10M SQUARE BOX WITH ONE ADAPTER RING. (TYPICAL FOR RECEPTACLE BOXES)
10. ALL LIGHTING AND CONVENIENCE OUTLET CIRCUITS SHALL BE 3 WIRE 3.5SQ.MM THHN UNLESS OTHERWISE NOTED. MINIMUM SIZE OF WIRE SHALL BE 3.5SQ.MM THHN.
11. ALL DUPLEX RECEPTACLE OUTLETS SHALL BE GROUNDING TYPE WITH PARALLEL SLOTS FOR 220V.
12. PROVIDE GROUND FAULT CURRENT INTERRUPTER CIRCUIT BREAKER FOR LOAD MARKED GFCI ON THE PLAN.
13. ALL METALLIC CONDUITS, CABINETS AND EQUIPMENT SHALL BE PROPERLY GROUNDED AND BONDED.
14. UNLESS OTHERWISE NOTED, MOUNTING HEIGHT FOR WALL MOUNTED DEVICES SHALL BE AS FOLLOWS:
RECEPTACLE OUTLET - 300MM AFF
TELEPHONE OUTLET - 300MM AFF
CATV OUTLET - 300MM AFF
LIGHTING SWITCH - 1370MM AFF
RECEPTACLE OUTLET - 300MM ABOVE SURFACE OF WORKING TABLE
15. REFER TO MECHANICAL, PLUMBING AND FIRE PROTECTION DRAWINGS FOR RATINGS AND LOCATIONS OF EQUIPMENT AS WELL AS THEIR CONTROL SEQUENCES AS SPECIFIED AND OR SHOWN UNDER THEIR RESPECTIVE SECTIONS.
16. PROVIDE ALL SUPPLEMENT SUPPORT STEEL IN CLOSETS, SHAFT, PIPE SPACES, ETC. TO SPAN BUILDING STRUCTURAL ELEMENTS AND SUPPORT ELECTRICAL RACEWAYS AND EQUIPMENT. ALL ELECTRICAL WORKS SHALL BE SUPPORTED INDEPENDENTLY AND NOT ON INSTALLATIONS OF OTHER TRADES.
17. IDENTIFICATION OF SYMBOLS APPROPRIATE FOR EACH BID PACKAGE IS NOTED TO ASSIST CONTRACTOR FOR QUICK DEVICE AND EQUIPMENT IDENTIFICATION AND REFERENCE ONLY. CONTRACTOR MUST FAMILIARIZE WITH ALL SYMBOLS FOR PROPER EXECUTION OF HIS WORK.

 CAMPUS PLANNING & DEVELOPMENT & MAINTENANCE OFFICE U.P. MANILA P. Faure Street, Ermita, Manila Tel. No. 525-2233 Telefax No. 525-8420 <small>RA 5288: THIS DRAWING AS AN INSTRUMENT OF SERVICE IS THE PROPERTY OF CPDMO UP MANILA AND SUCH MUST NOT BE REPRODUCED OR COPIED IN OR IN WHOLE WITHOUT PERMISSION.</small>	PROFESSIONAL ELECTRICAL ENGINEER: PRC NO. _____ PTR NO. _____ TIN NO. _____ ISSUED ON _____ ISSUED AT _____	ENDORSED BY:  AR. ROSALE G. FLORES-BERNARDO CHIEF, CPDMO	PROJECT TITLE: PROPOSED REHABILITATION AND RENOVATION OF THE REMAINING BASIC SCIENCE LABORATORIES SALCEDO HALL, COLLEGE OF MEDICINE, UNIVERSITY OF THE PHILIPPINES MANILA	RECOMMENDING APPROVAL:  CHARLOTTE M. CHIONG, MD, PHD DEAN, COLLEGE OF MEDICINE  MICHAEL L. TEE, MD, MHPED, MBA VICE CHANCELLOR FOR PLANNING & DEVELOPMENT  ARLENE A. SAMANIEGO, MD VICE CHANCELLOR FOR ADMINISTRATION	APPROVED:  CARMENCITA D. PADILLA, MD, MAHPS CHANCELLOR	SHEET CONTENT: VICINITY MAP SITE DEVELOPMENT PLAN KEY PLAN GENERAL NOTES	SHEET NO.: E-1 1 OF 8
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