



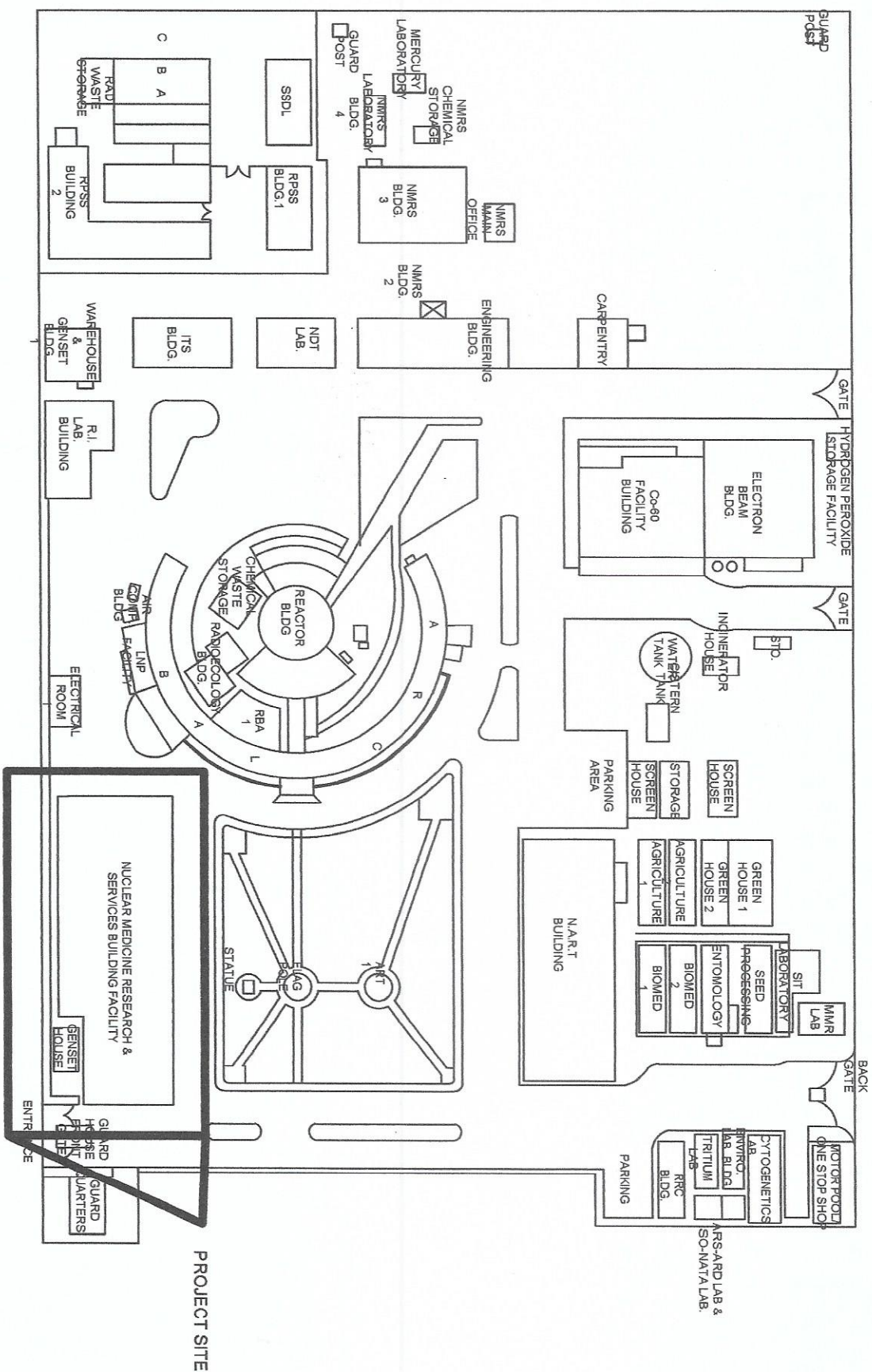
Innovative Nuclear Medicine Research and Services:

Four Billion B

Wm. T. Jones & Co. 1111 W. 1st St. Portland, Ore.

10

CHIEF OF POLICE







**Innovating Nuclear Medicine Research and Services:
Development of Emerging PET Radiopharmaceuticals for
Early Cancer Staging and Assessment of Biological Functions
in Cancer Cells (Biochemical Works C.Y. 2023) - Phase 4**

PROJECT TITLE:

SHEET CONT
-CCTV LAYOUT

PREPARED BY:

RECOMMENDING APPROVALS:

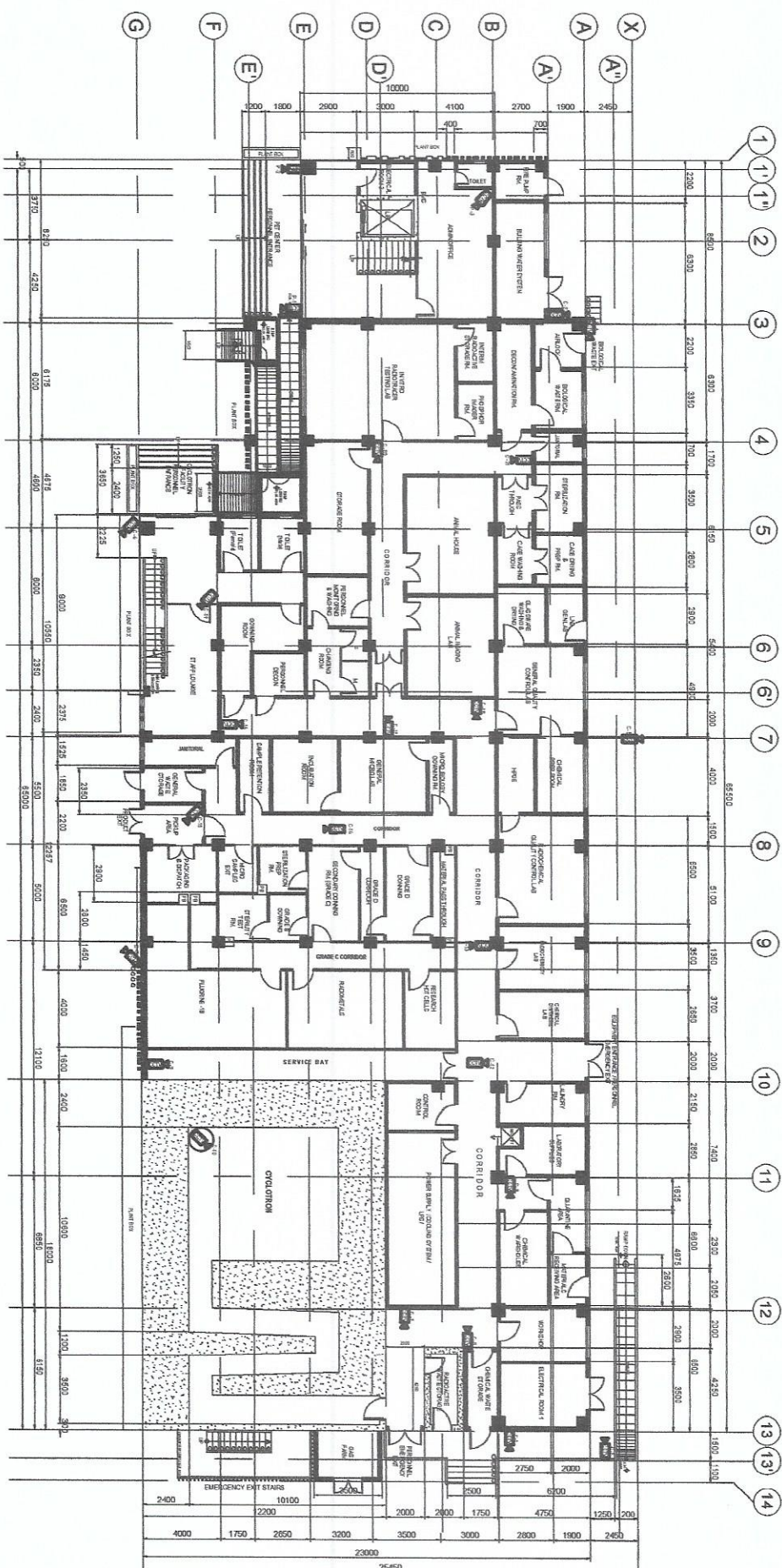
APPROVED BY:

1041

Checklist

EC - 3

03 of 12





Innovating Nuclear Medicine Research and Services:

**Innovating Nuclear Medicine Research and Services:
Development of Emerging PET Radiopharmaceuticals for
Early Cancer Staging and Assessment of Biological Functions
in Cancer Cells (Electrical Works C.Y. 2023) - Phase 4**

CCTV LAYOUT

PREPARED BY:

Super Bionello B Polare

RECOMMENDING APPROVALS:

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McDonald's
McDonald's

APPROVED BY:

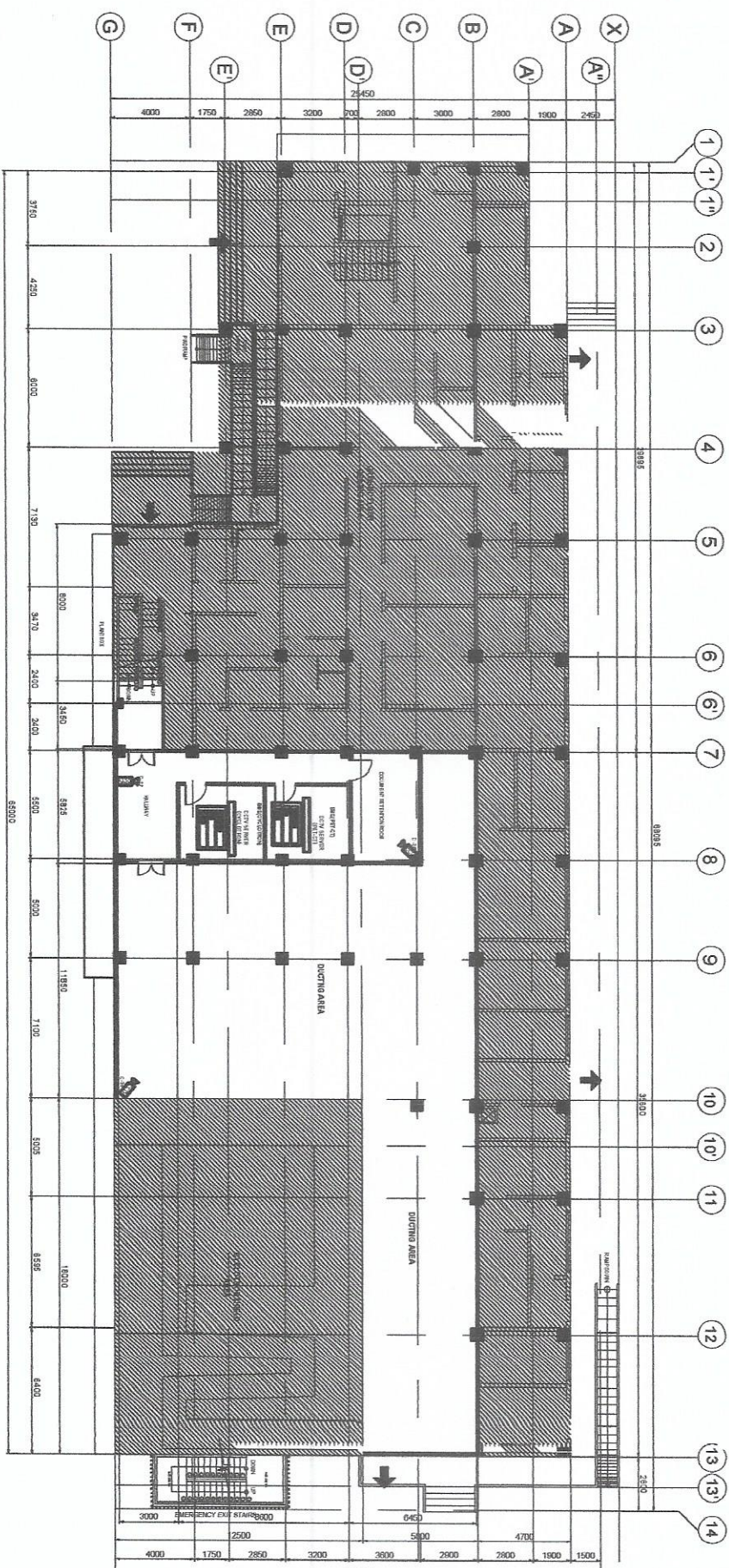
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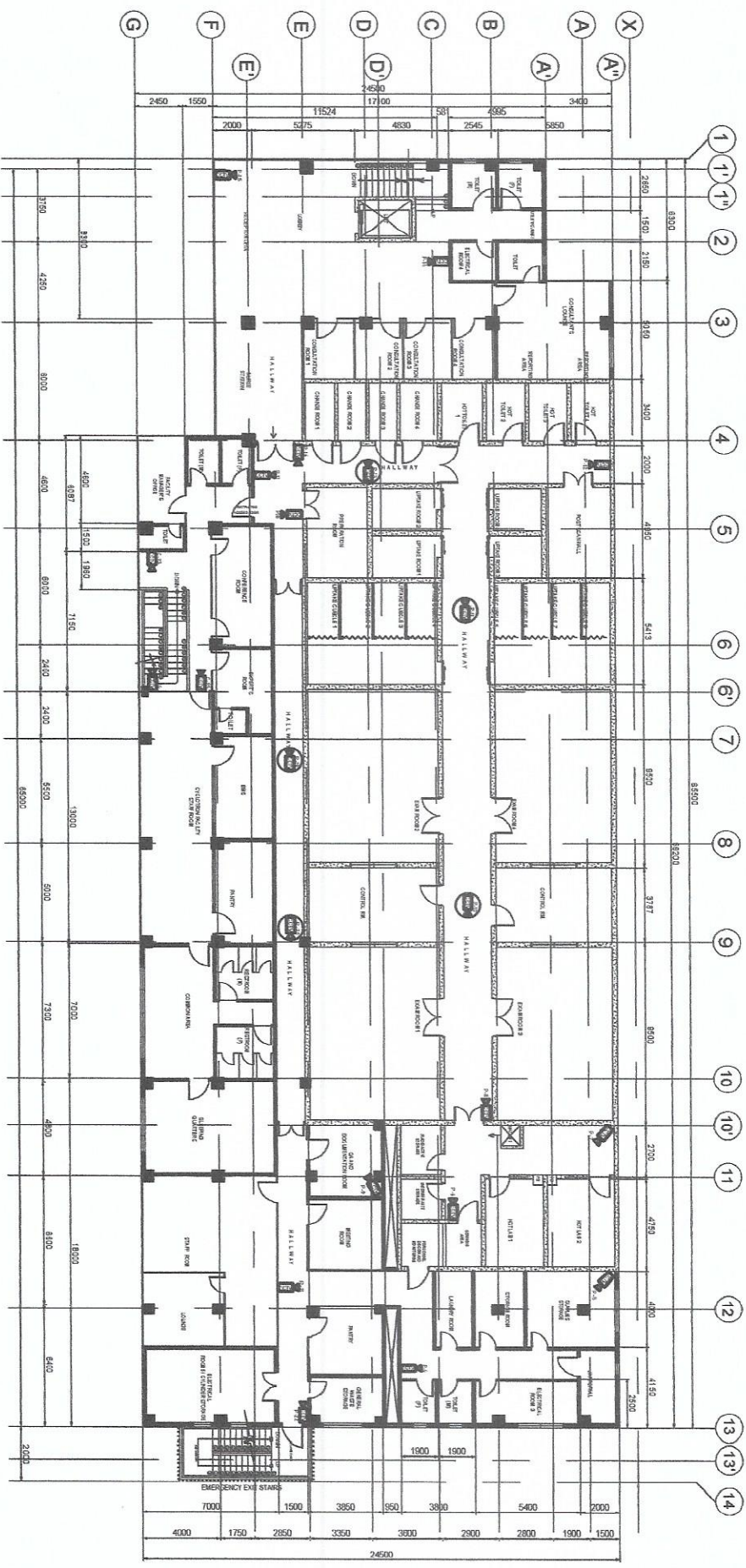
DISCUSSION

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SHEET N

MC-2





SECOND FLOOR
CCTV LAYOUT

PROJECT TITLE:

Innovating Nuclear Medicine Research and Services:
Development of Emerging PET Radiopharmaceuticals for
Early Cancer Staging and Assessment of Biological Functions
in Cancer Cells (Electrical Works C.Y. 2023) - Phase 4

SHEET CONTENT/S:

CCTV LAYOUT

PREPARED BY:

Engr. Rosalio B. Rojas
Engr. Antonio C. Barrios
Engr. Antonio C. Barrios

RECOMMENDING APPROVALS:

Mr. Tevin L. Puvion
Maria Theresa L. Borja
Priscilla Cortez B. Borja, Ph.D.
Engr. Alvaro F. Sanin
Engr. Alvaro F. Sanin
Valerie P. Puyat

APPROVED BY:

Chloé Acuña, Ph.D.
DIRECTOR

DRAWN BY:

CREATED BY:

SHEET NO.

EC - 6
05 of 12

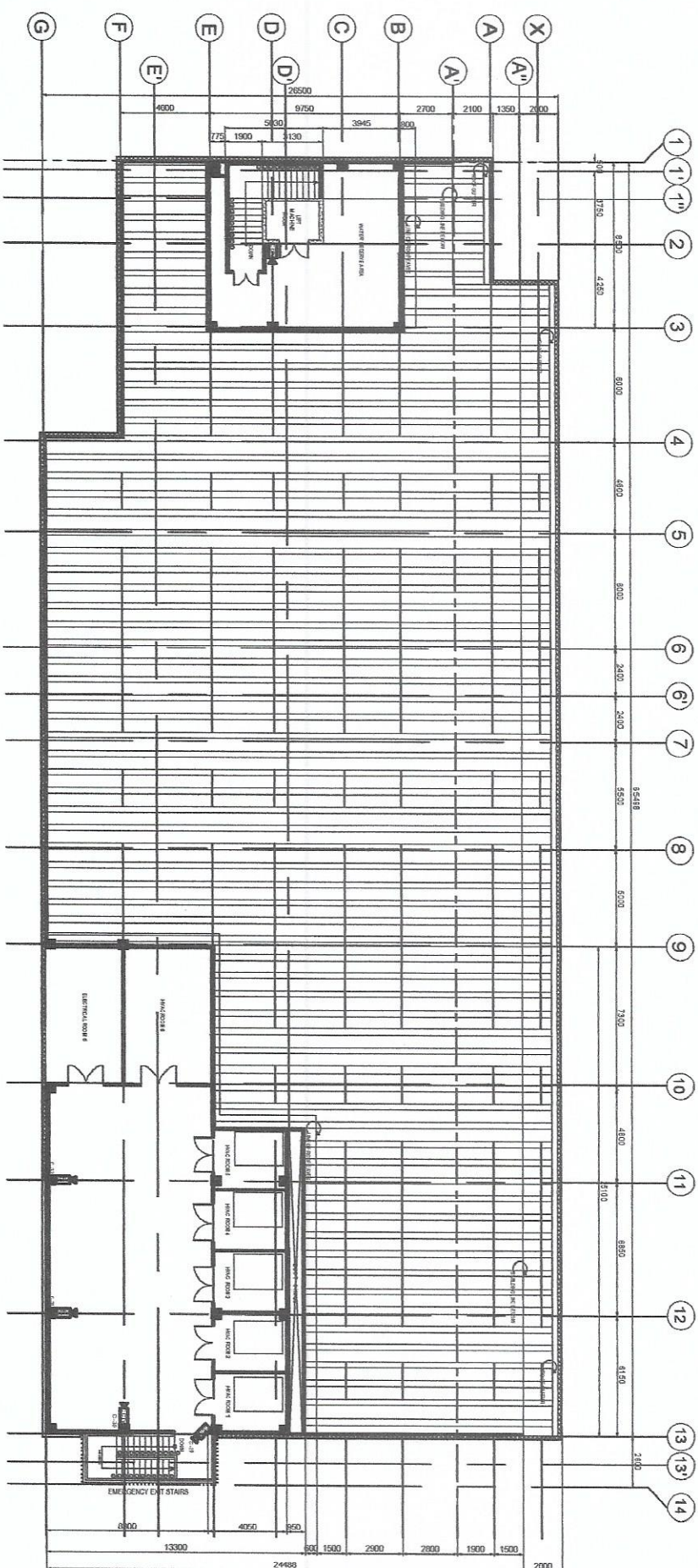


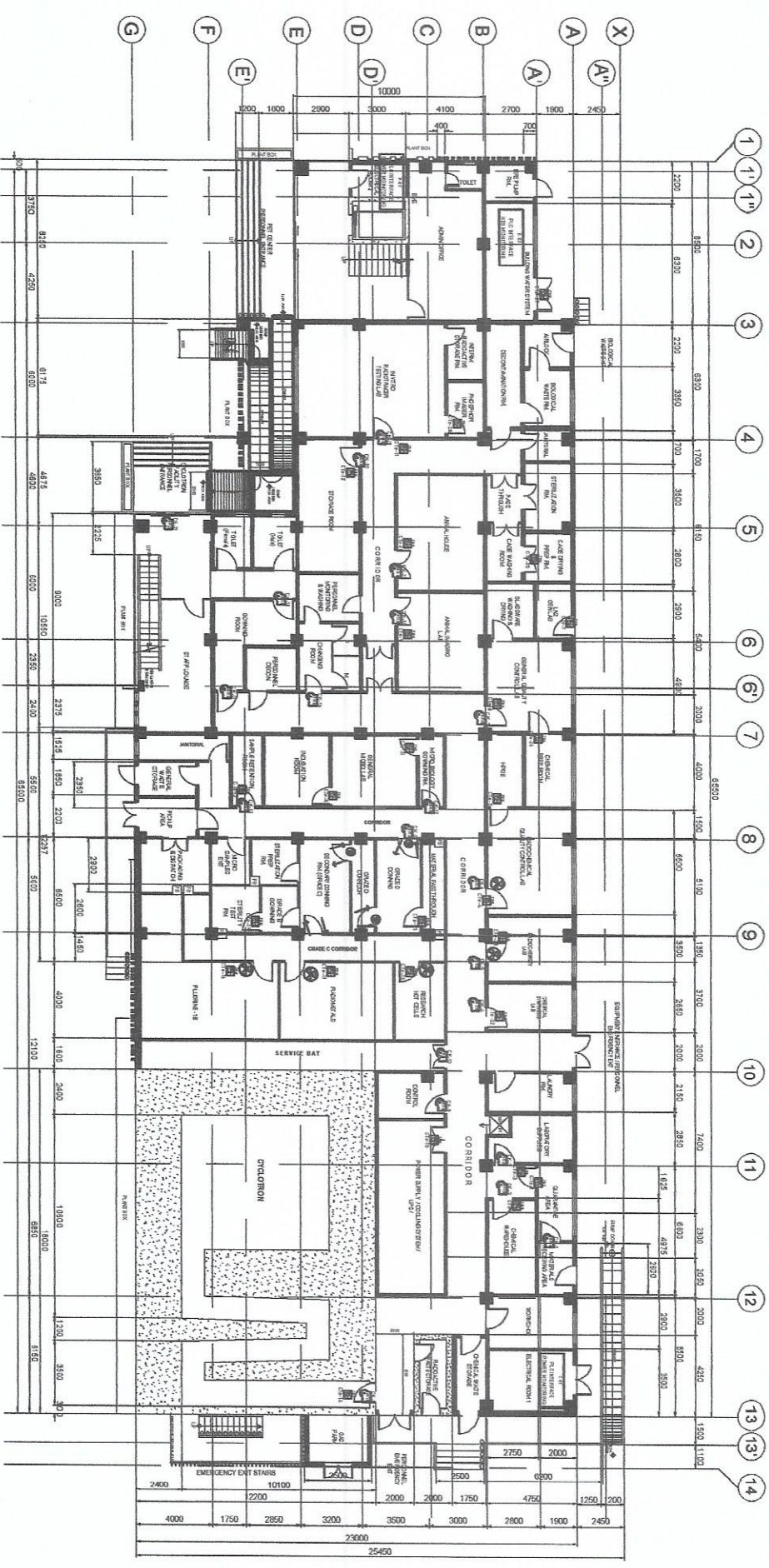


SHEET NO.

EC-6

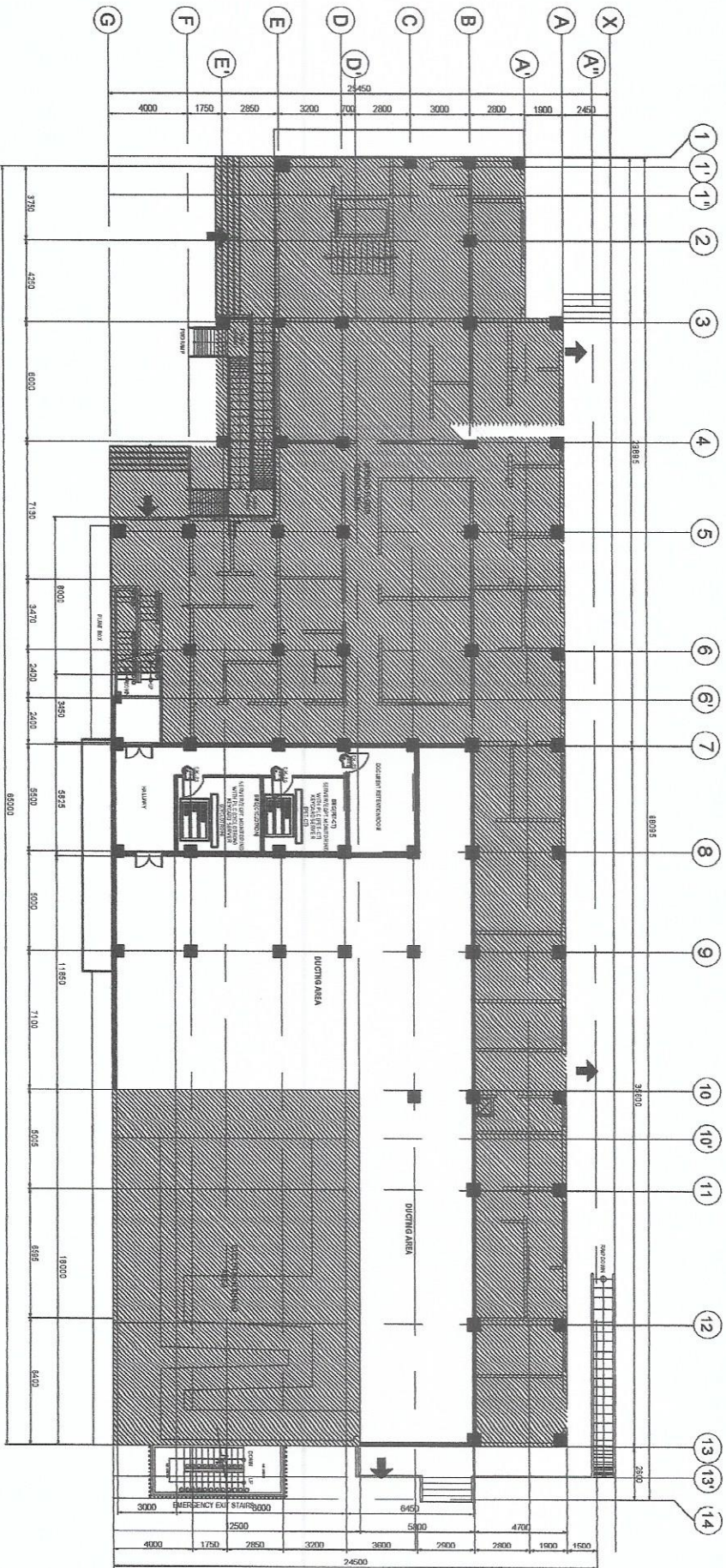
06-12





GROUND FLOOR
AUXILIARY LAYOUT

 Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY COMMISSIONER'S OFFICE, ANAKAPULU, CUBUNGGAT		PROJECT TITLE: Innovating Nuclear Medicine Research and Services: Development of Emerging PET Radiopharmaceuticals for Early Cancer Staging and Assessment of Biological Functions in Cancer Cells (Electrical Works C.V. 2020) - Phase 4		SHEET CONTENT / S: AUXILIARY LAYOUT		PREPARED BY: Engr. Rosalio B. Radas Engr. Andrew C. Barida ADMINISTRATIVE		RECOMMENDING APPROVALS: Mr. Willy L. Poma Engr. Antonio F. Sain Engr. Arnel P. Poma Ph.D. Engr. Arnel P. Poma DIRECTOR		APPROVED BY: Engr. Arnel P. Poma DIRECTOR		SHEET NO. EC - 7 07 - 12	
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NEZANNE R. OOR
1st FLOOR
AUXILIARY LAYOUT
1:1000

PROJECT TITLE:

SHEET CONTENT/S:

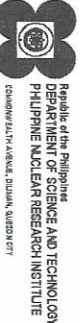
PREPARED BY:

RECOMMENDING APPROVALS:

APPROVED BY:

DRAWN BY:

SHEET NO.



Innovating Nuclear Medicine Research and Services:
Development of Emerging PET Radiopharmaceuticals for
Early Cancer Staging and Assessment of Biological Functions
in Cancer Cells (Electrical Works C.Y. 2023) - Phase 4

AUXILIARY LAYOUT

Engr. Rosalyn B. Rojas
Engr. Arroyo C. Bernal
INVENTORS

Mr. T. L. L. L. L.
Engr. Arroyo C. Bernal
PROJECT COORDINATOR

Engr. Adolfo F. Salik
Engr. Arroyo C. Bernal
VALUATION ENGINEER

Engr. Arroyo C. Bernal
Engr. Arroyo C. Bernal
DIRECTOR

Engr. Arroyo C. Bernal

EC - 8
08 - 12



Innovating Nuclear Medicine Research and Services:

**Early Cancer Staging and Assessment of Biological Functions
in Cancer Cells (Electrical Works C.Y. 2023) - Phase 4**

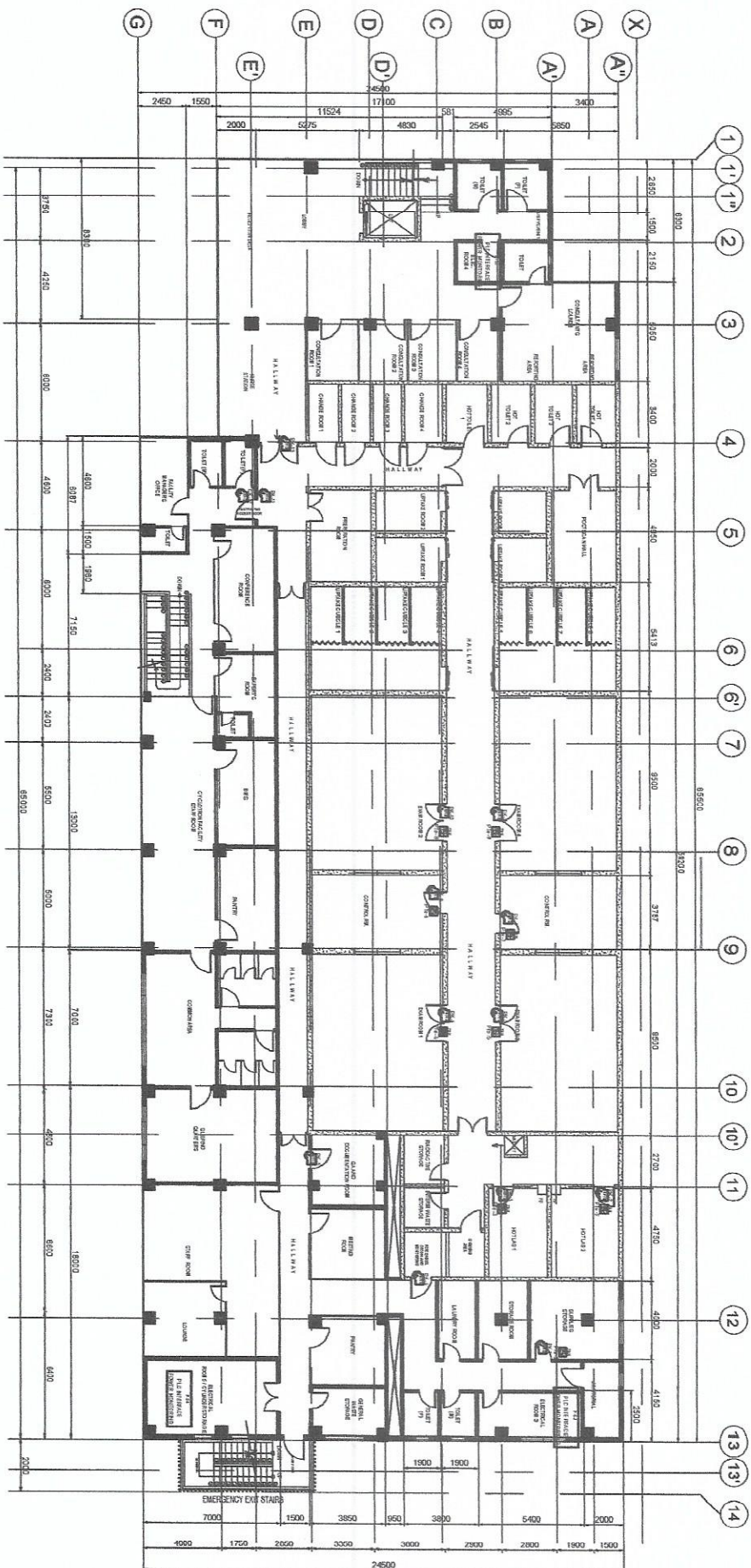
Enter Overall no. 2

Engr. Rosalino B. Rojas

Maria Ines L. Borrás

EC-3

EC - 9





Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
BULIDING MATERIALS RESEARCH INSTITUTE

**Innovating Nuclear Medicine Research and Services:
Development of Emerging PET Radiopharmaceuticals for
Early Cancer Staging and Assessment of Biological Functions**

-LAN, TEL, & ROUTER LAYOUT

PROJECT TITLE:

PREPARED BY:

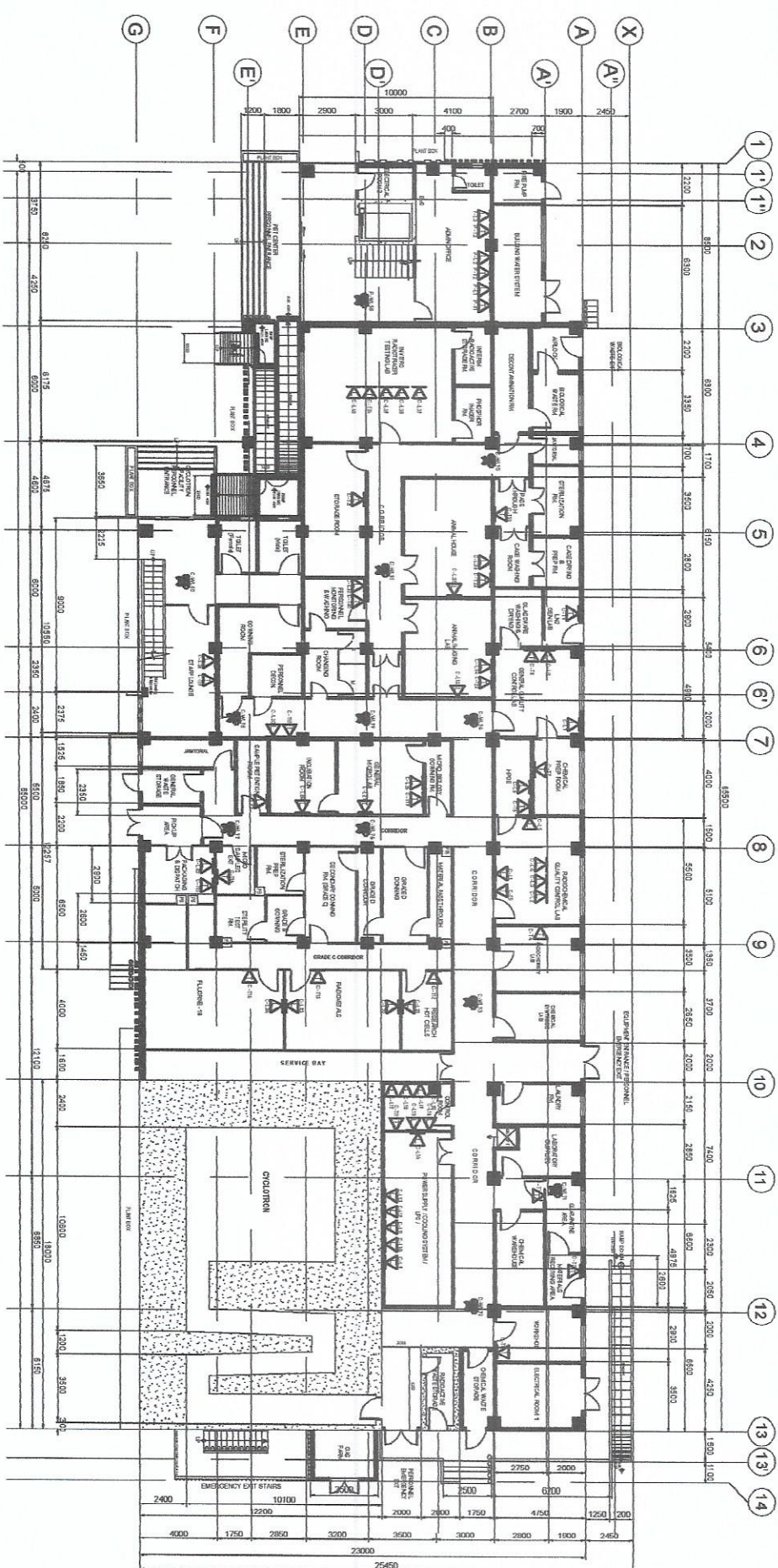
RECOMMENDING APPROVALS:

APPROVED BY

DRIVEN IT.

EC-10

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OFFENSE





Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
PHILIPPINE NUCLEAR RESEARCH INSTITUTE

**Innovating Nuclear Medicine Research and Services:
Development of Emerging PET Radiopharmaceuticals for
Early Cancer Staging and Assessment of Biological Functions
In Cancer Cells (Electrical Works C.Y. 2023) - Phase 4**

-LAN, TEL, & ROUTER LAYOUT

PROJECT TITLE:

SHEET CONTENT/S:

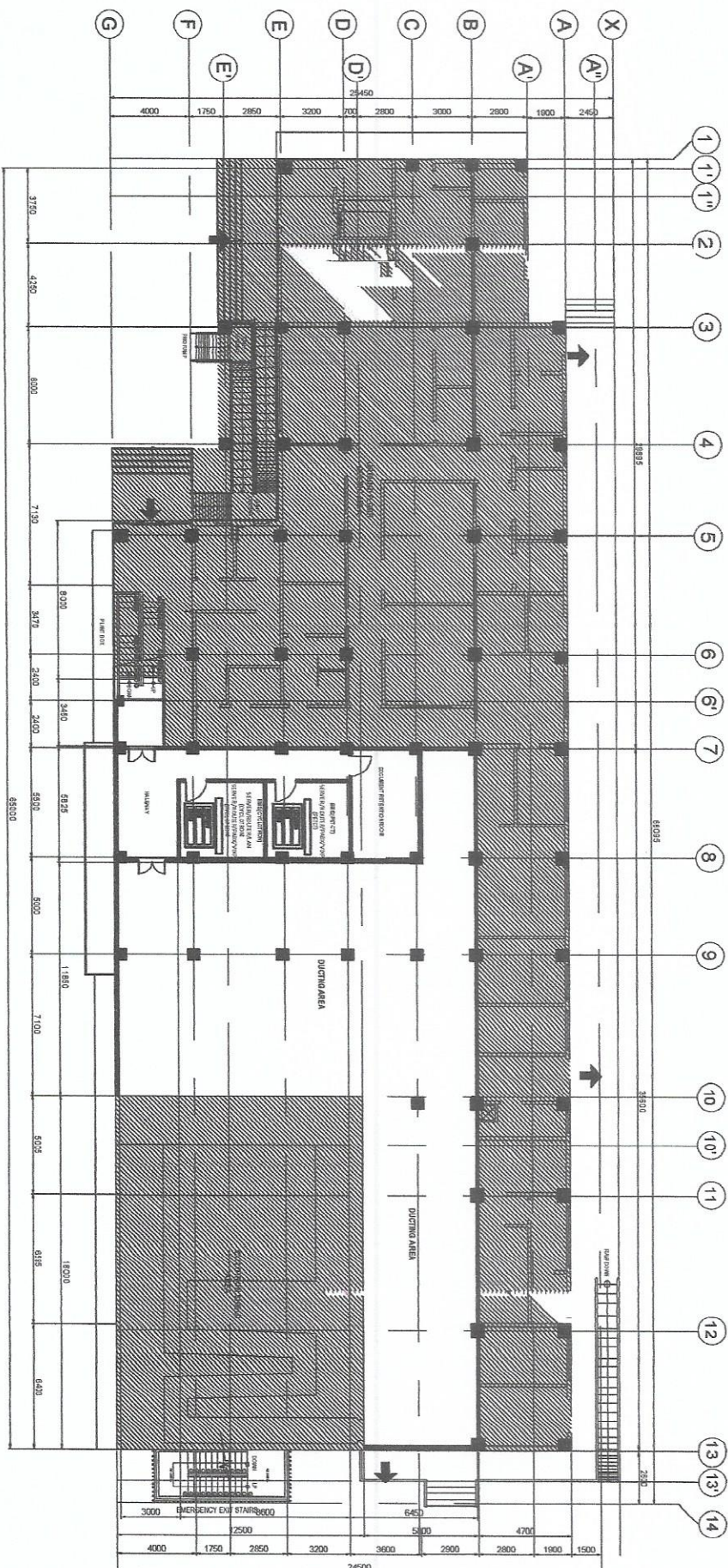
PREPARED BY:

RECOMMENDING APPROVALS:

APPROVED BY:

SHEET NO.

MEZZANINE FLOOR
LAN, TEL & ROUTER LAYOUT



SHEET NO.



Innovating Nuclear Medicine Research and Services:

**Early Cancer Staging and Assessment of Biological Functions
In Cancer Cells (Electrical Works C.Y. 2023) - Phase 4**

Engl. Rosalind, Rejok
2005, 055

PREPARED BY:

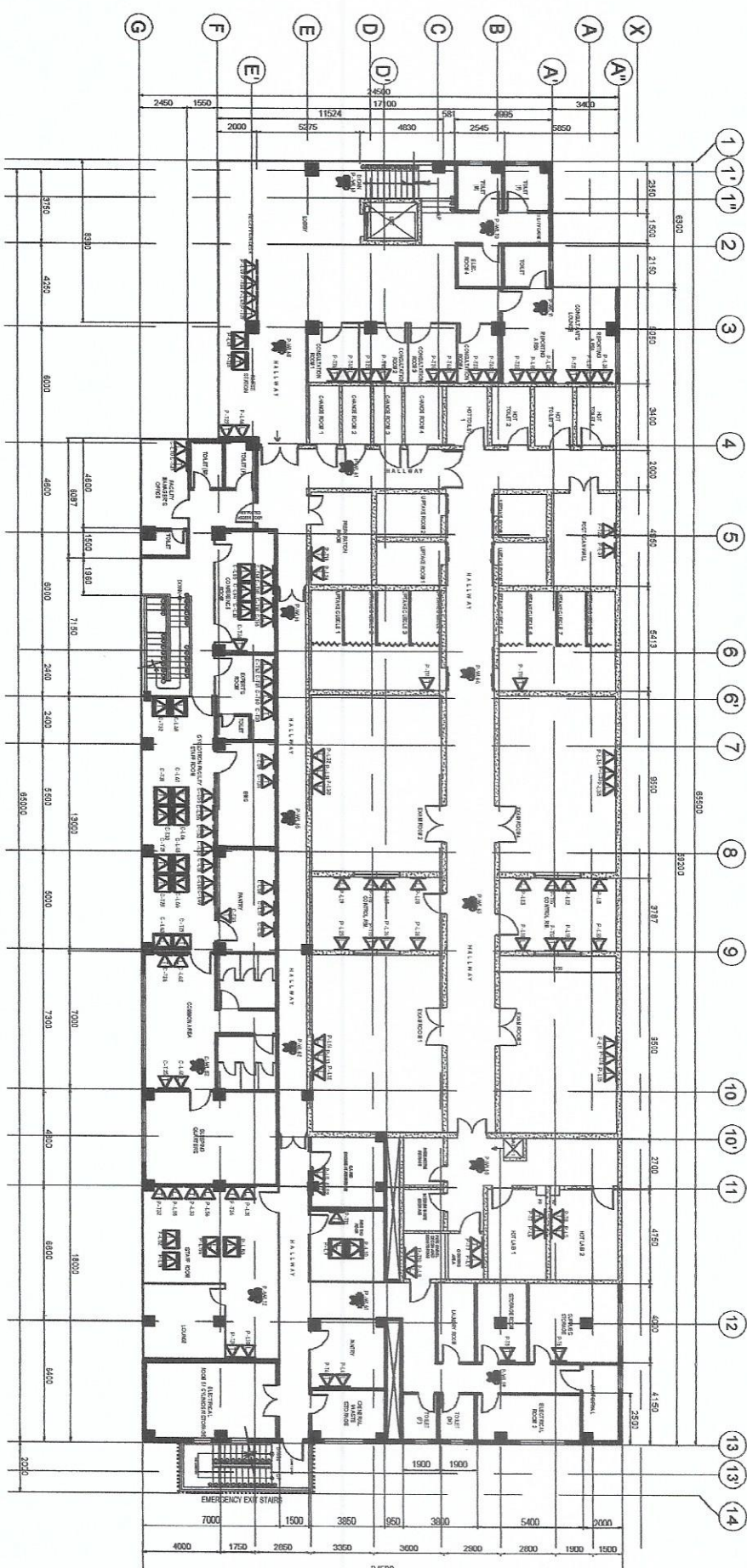
RECOMMENDING APPROVALS:

APPROVED BY:

DRAWN BY

EC-12

12.12



ALL ELECTRICAL WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PROVISION OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL UTILITY COMPANY.

1. ALL ELECTRICAL WORK HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE. THE RULES AND REGULATIONS OF THE LOCAL, ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL UTILITY COMPANY.
2. ALL FOLLOWING NOTES SHALL APPLY TO ALL ELECTRICAL DRAWINGS UNLESS OTHERWISE INDICATED.
3. ALL ELECTRICAL WORKS SHALL BE UNDER DIRECT AND IMMEDIATE SUPERVISION BY A DULY AUTHORIZED ELECTRICAL ENGINEER.
4. THE ELECTRICAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE REST OF THE DRAWINGS IN ARCHITECTURAL, STRUCTURAL, SANITARY, MECHANICAL AND OTHER INFORMATION AS APPLICABLE.
5. ALL EXPOSED NON-CURRENT CARRYING METAL PARTS OF THE ELECTRICAL EQUIPMENT SHALL BE GROUND EFFECTIVELY.
6. ALL ELECTRICAL MATERIALS SHALL COMPLY IN FULL WITH THE RELEVANT ELECTRICAL STANDARDS AS MENTIONED IN THE SPECIFICATIONS AND THE CODES OF PRACTICE.
7. ALL ELECTRICAL MATERIALS TO BE USED SHALL BE NEW AND INSTALLED IN APPLICATIONS FOR WHICH THEY ARE INTENDED.
8. ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THHN" UNLESS INDICATED IN THE PLAN. THE MINIMUM SIZE WIRE FOR POWER AND LIGHTING CIRCUIT HORIZONTAL SHALL BE 3/8 mm", AND INSULATED FOR 600 VOLTS. LIKEWISE, ALL CONDUCTORS SHALL BE COLOR CODED. SMALLEST RACEWAY/CONDUIT SHALL BE 20mm".
9. UNLESS OTHERWISE SPECIFIED MOUNTING HEIGHTS GIVEN SHALL BE MEASURED AS FOLLOWS:
a. EQUIPMENT - FROM FINISHED FLOOR TO CENTER OF EQUIPMENT.
b. LIGHT SWITCH - 145 METERS ABOVE FINISHED FLOOR TO CENTER OF EQUIPMENT.
c. CONVENIENCE OUTLET - 0.3 METERS ABOVE FINISHED FLOOR TO BOTTOM OF EQUIPMENT.
10. STANDARD TYPE OF ACCESSORIES, SWITCHING DEVICES, TERMINATION IMPORTANCE FOR THE ENTIRE ELECTRICAL INSTALLATION SHALL BE DONE.
11. THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE WITH OTHER TRADES PRIOR TO THE EXECUTION OF ELECTRICAL INSTALLATION WORK.
12. THE CONTRACTOR SHALL VERIFY THE AND ORIENT THE ACTUAL LOCATION OF THE SERVICE ENTRANCE FOR CONNECTION TO POWER SUPPLY AND OTHER UTILITIES INCLUDED IN THE PLAN.
13. ALL DIMENSIONS SHOWN ON THE DRAWINGS ARE IN MILLIMETERS UNLESS OTHERWISE INDICATED.
14. EQUIPMENT GROUNDING SYSTEM SHALL BE PROVIDED TO THE ELECTRICAL SYSTEM AS PER PHILIPPINE ELECTRICAL CODE REQUIREMENTS.
15. FEEDER WIRES ARE COLOR CODED AND SHOULD BE ACCORDANCE WITH THE PROVISION OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE.

SYMBOL	MOUNTING	DESCRIPTION
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[illegible]

APPE	ACTIVE PENDING FLUOR LEVEL
AT	ATMOSPHERIC
ATM	ATMOSPHERIC
ATU	ATMOSPHERIC
ATS	ATMOSPHERIC TRANSFER SWITCH
CT	CURRENT TRANSFORMER

A	APF AT ATB	RESERVE, ANAL. P. LOCK LABEL AVERAGE FRAME AVERAGE TRIP AUTOMATIC TRANSFER SWITCH
C	CT	CURRENT TRANSFORMER
D	DDM DDO DDI	DIGITAL PANEL, MOTOR DIGITAL DISTRIBUTION UNIT
F	FACP	FIRE ALARM CONTROL PANEL
G	G, AND GENERATOR GFCI	GENERATOR GROUND-Fault CIRCUIT INTERRUPTER
H	HP HVAC HVZ	HOBBSPOWER HEATING, VENTILATION AND AIR-CONDITIONING HEATING
I	ITCB	INDUSTRIAL-TYPE CIRCUIT BREAKER
J	JAC JAN JVA	JULIADIFFERENTIAL INTERRUPTING CAPACITY JULIADIFFERENTIAL JULIADIFFERENTIAL
K	K KNO KW	KILOWATT KILOVOLT-AMPERE KILOWATT
L	LBS LFP	LOAD BREAK SWITCH LIGHTING AND POWER PANEL
M	M, AND MCB2 MCB3 MCB4 MCB5	MATCHED MODULO CASE CIRCUIT BREAKER MODULO CASE CIRCUIT BREAKER MODULO CASE CIRCUIT BREAKER MODULO DISTRIBUTION PANEL
N	N NEMA	NEUTRAL NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
P	PT PVC	POTENTIAL TRANSFORMER POLYVINYL CHLORIDE
R	RSC	RIGID STEEL CONDUIT
S	SPEB	SPECIAL EQUIPMENT PANEL
T	THNU	THERMOPLASTIC HIGH-HIGH-TEMPERATURE UNION-COATED
V	VA VOLT	VOLTA-AMPERE VOLT
W	W WATTS	WATTS
X	X	PHASE / DIAPHER

WINE CODE	PLEASE WRITE NAME AND
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Wavelength	Photoresist Material & Exposure	Wafer Size	Photoresist Material & Exposure
1.34 μ m	1.34 μ m	1.34 μ m	1.34 μ m
2.48 μ m	2.48 μ m	2.48 μ m	2.48 μ m
3.6 μ m	3.6 μ m	3.6 μ m	3.6 μ m
5.6 μ m	5.6 μ m	5.6 μ m	5.6 μ m
7.6 μ m	7.6 μ m	7.6 μ m	7.6 μ m
10.4 μ m	10.4 μ m	10.4 μ m	10.4 μ m
15.2 μ m	15.2 μ m	15.2 μ m	15.2 μ m
20.0 μ m	20.0 μ m	20.0 μ m	20.0 μ m
25.4 μ m	25.4 μ m	25.4 μ m	25.4 μ m
35.4 μ m	35.4 μ m	35.4 μ m	35.4 μ m
50.8 μ m	50.8 μ m	50.8 μ m	50.8 μ m
76.2 μ m	76.2 μ m	76.2 μ m	76.2 μ m
101.6 μ m	101.6 μ m	101.6 μ m	101.6 μ m
152.4 μ m	152.4 μ m	152.4 μ m	152.4 μ m
203.2 μ m	203.2 μ m	203.2 μ m	203.2 μ m
254.0 μ m	254.0 μ m	254.0 μ m	254.0 μ m
354.0 μ m	354.0 μ m	354.0 μ m	354.0 μ m
508.0 μ m	508.0 μ m	508.0 μ m	508.0 μ m
762.0 μ m	762.0 μ m	762.0 μ m	762.0 μ m
1016.0 μ m	1016.0 μ m	1016.0 μ m	1016.0 μ m
1524.0 μ m	1524.0 μ m	1524.0 μ m	1524.0 μ m
2032.0 μ m	2032.0 μ m	2032.0 μ m	2032.0 μ m
2540.0 μ m	2540.0 μ m	2540.0 μ m	2540.0 μ m
3540.0 μ m	3540.0 μ m	3540.0 μ m	3540.0 μ m
5080.0 μ m	5080.0 μ m	5080.0 μ m	5080.0 μ m
7620.0 μ m	7620.0 μ m	7620.0 μ m	7620.0 μ m
10160.0 μ m	10160.0 μ m	10160.0 μ m	10160.0 μ m
15240.0 μ m	15240.0 μ m	15240.0 μ m	15240.0 μ m
20320.0 μ m	20320.0 μ m	20320.0 μ m	20320.0 μ m
25400.0 μ m	25400.0 μ m		

SCAU $\mathbb{E} = 1$

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SCALE

SHEET CONTENT/S

RECOMMENDING APPROVALS:

SHEET NO.

Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
PHILIPPINE NUCLEAR RESEARCH INSTITUTE



COMMONWEALTH AVENUE, DULMAN, QUEZON CT

**Innovating Nuclear Medicine Research and Services:
Development of Emerging PET Radiopharmaceuticals for
Cancer Staging and Assessment of Biological Functions**

in Cancer Cells (Electrical Works U.I. 2023) - Phase 4

SCHEDULE

ENGINEERS

~~CHIEF, NSO~~

~~DE CONNECTOR~~

~~DEPARTMENT~~

01-29

01-29