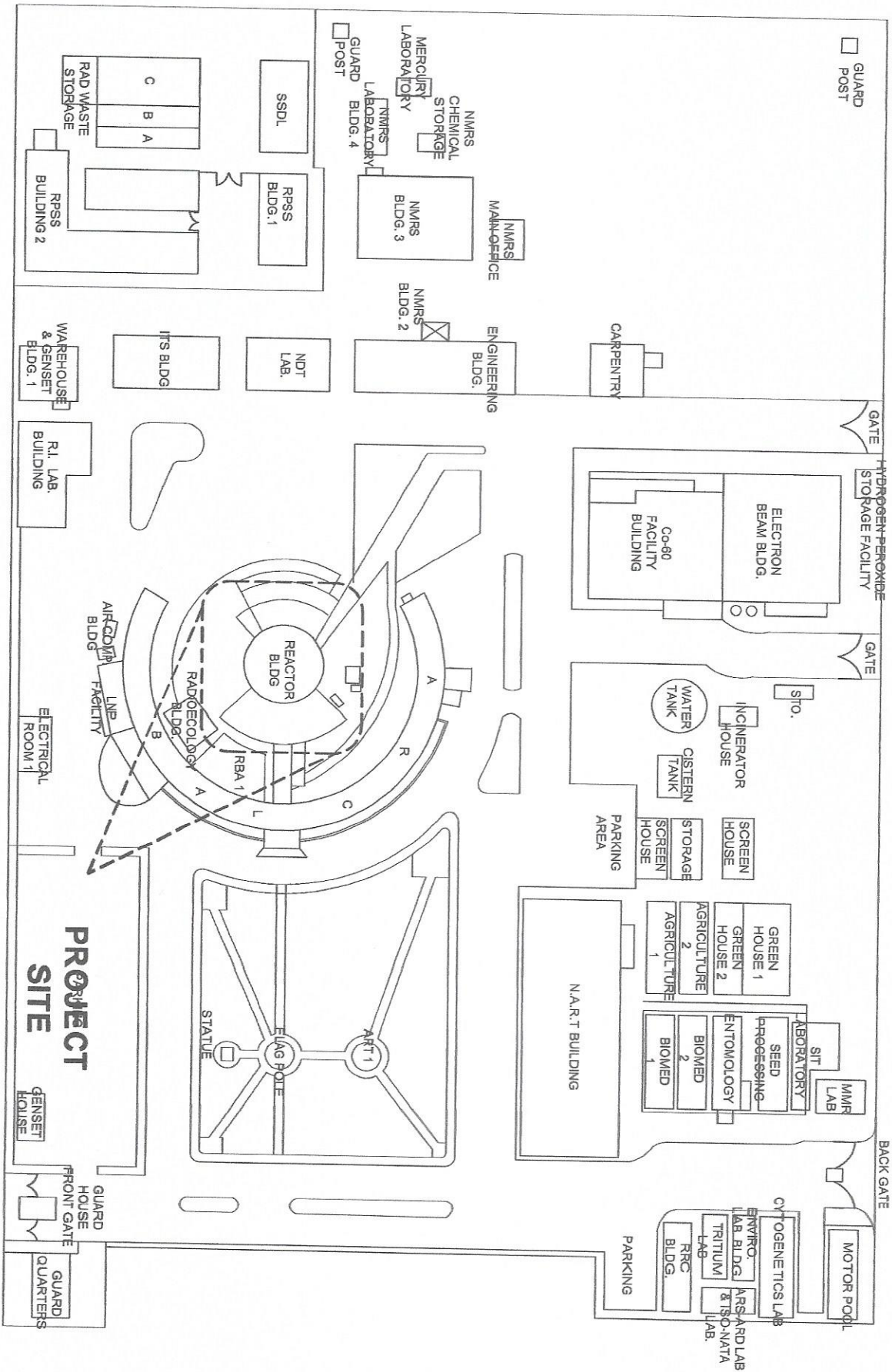




SITE DEVELOPMENT PLAN
SCALE
NTS

 Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY PHILIPPINES NUCLEAR RESEARCH INSTITUTE COMMONWEALTH AVENUE, BULACAN, QUEZON CITY		PROJECT UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y. 2022)		SHEET CONTENT SITE DEVELOPMENT PLAN		PREPARED BY: Engr. EUGENE B. GREGORIO Senior Science & Technology Specialist Engr. JOHN C. CALAYAN Science Research Analyst	NOTED BY: Engr. JUAN M. MARQUEZ Senior Science & Technology Specialist Engr. ROSALIND B. REYES Senior Science Research Analyst Engr. ANDREW C. SANDOZA Engineer, EES	RECOMMENDING APPROVAL: RAN D. OLIVEROS Deputy Chief of the Institute Engr. ARTHUR T. SANTI Deputy Director	APPROVED BY: CARLO A. ARDILLAN, D. Director	DRAWN BY: BIOGENE/BAZI	SHEET NO. 1
										CHECKED BY: DATE: 1/22	PREC. NO. 1



UPGRADING OF ARC BLDG
- REACTOR FACILITY
(C.Y. 2022)

PROPOSED EXTENSION PLAN
- NROS SECTION HEAD OFFICE

Eng. JOHN CALLES V. DANTESS
Science Research Analyst

Engr. ROSALINO B. REJAS
Senior Section Research Specialist
Engr. ANDREW C. BARRIDA
Engineer-III-ESS

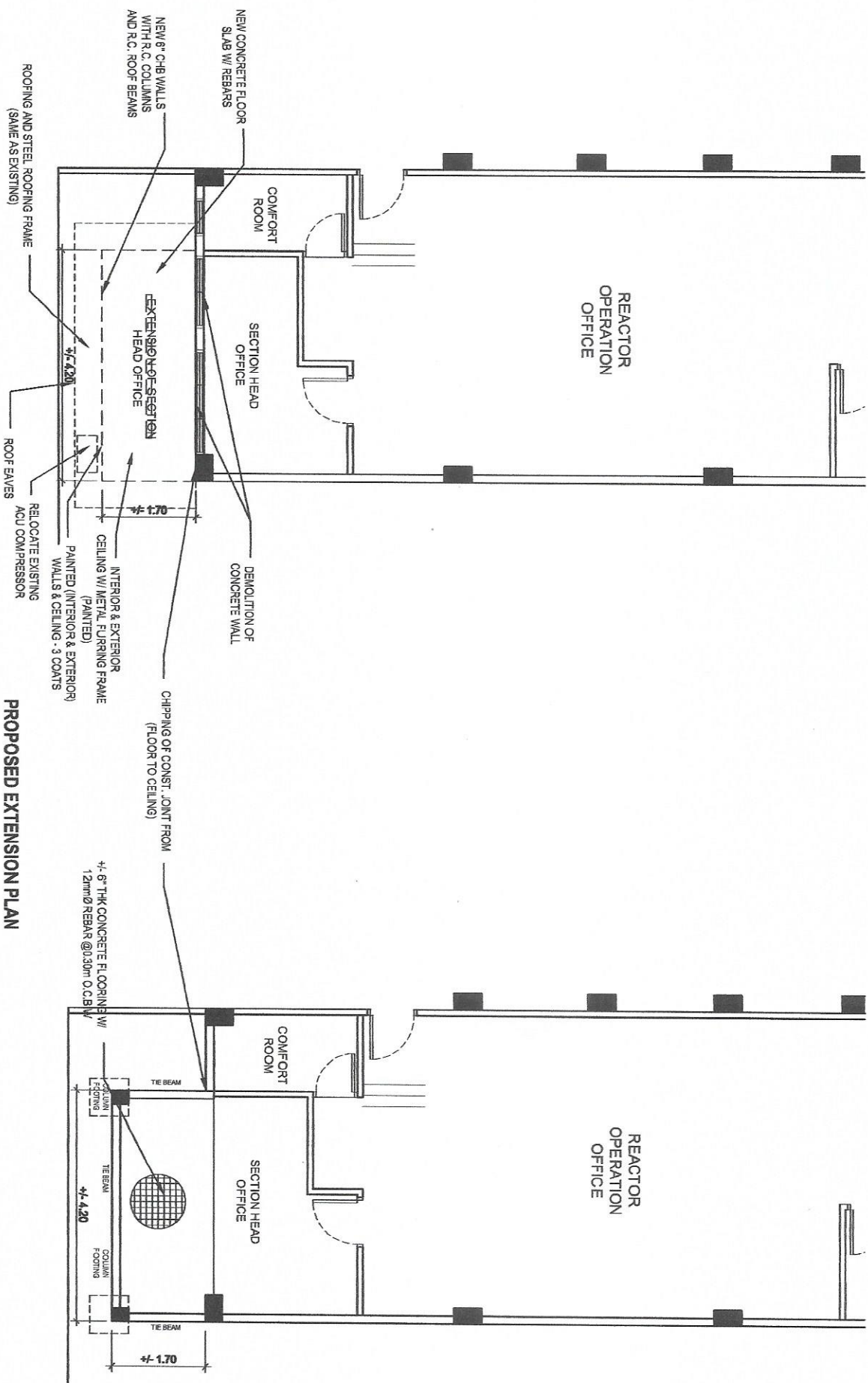
PRECIO: \$A CORAZON B. PABROA Ph. D

VALERIE A. M. SAISON, Ph.D.

CARLO A. ARCILLA, Ph.D.
Director

CHECKED BY

A-1



PROPOSED EXTENSION PLAN

PADJET

SHEET CONTENTS

PREPARED BY 1-2-8

NOTED BY:

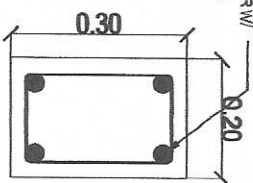
RECOMMENDING APPROVAL

APPROVED BY

▶ **DEAVNA BYSTENKA 437**

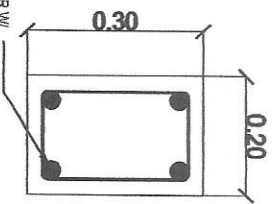
SHEET NO. 1

4.16mmØ HORIZONTAL REBAR W/
10mmØ TIES @0.20m O.C.



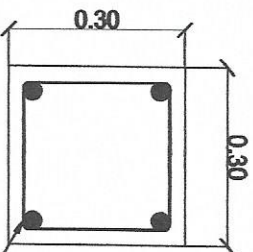
DETAILS OF THE BEAM

4-16mmØ HORIZONTAL REBAR W/
10mmØ TIES @0.20m O.C.

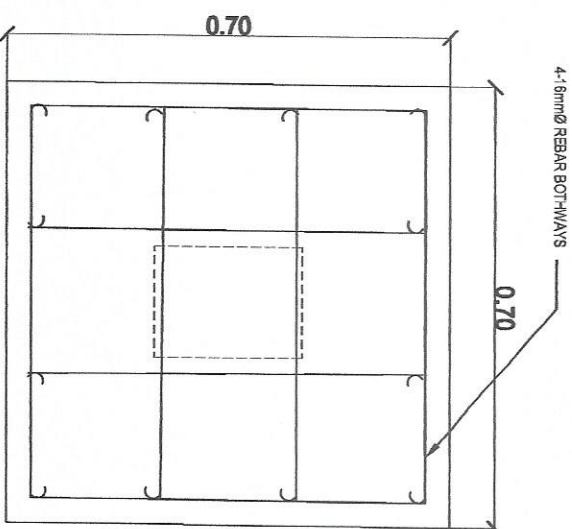


DETAILS OF ROOF BEAM

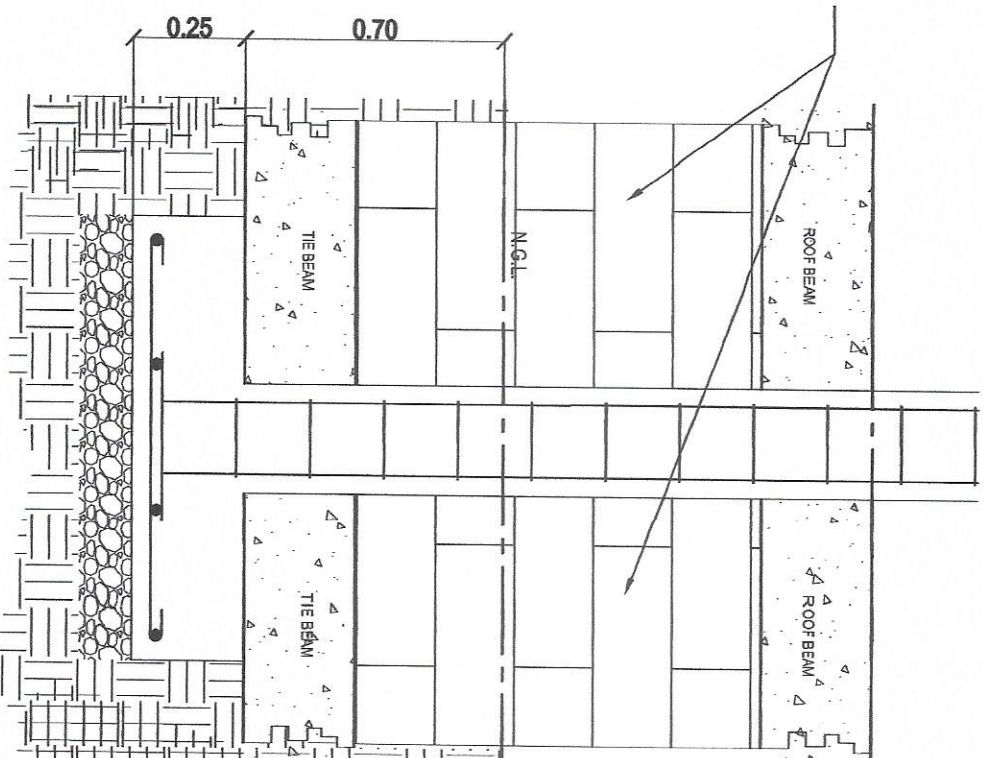
4-16mmØ VERTICAL REBAR W/
10mmØ TIES @0.15m O.C.



DETAILS OF COLUMN



6" CHB WALL W/ 10mmØ REBAR
@0.60m O.C.B.W

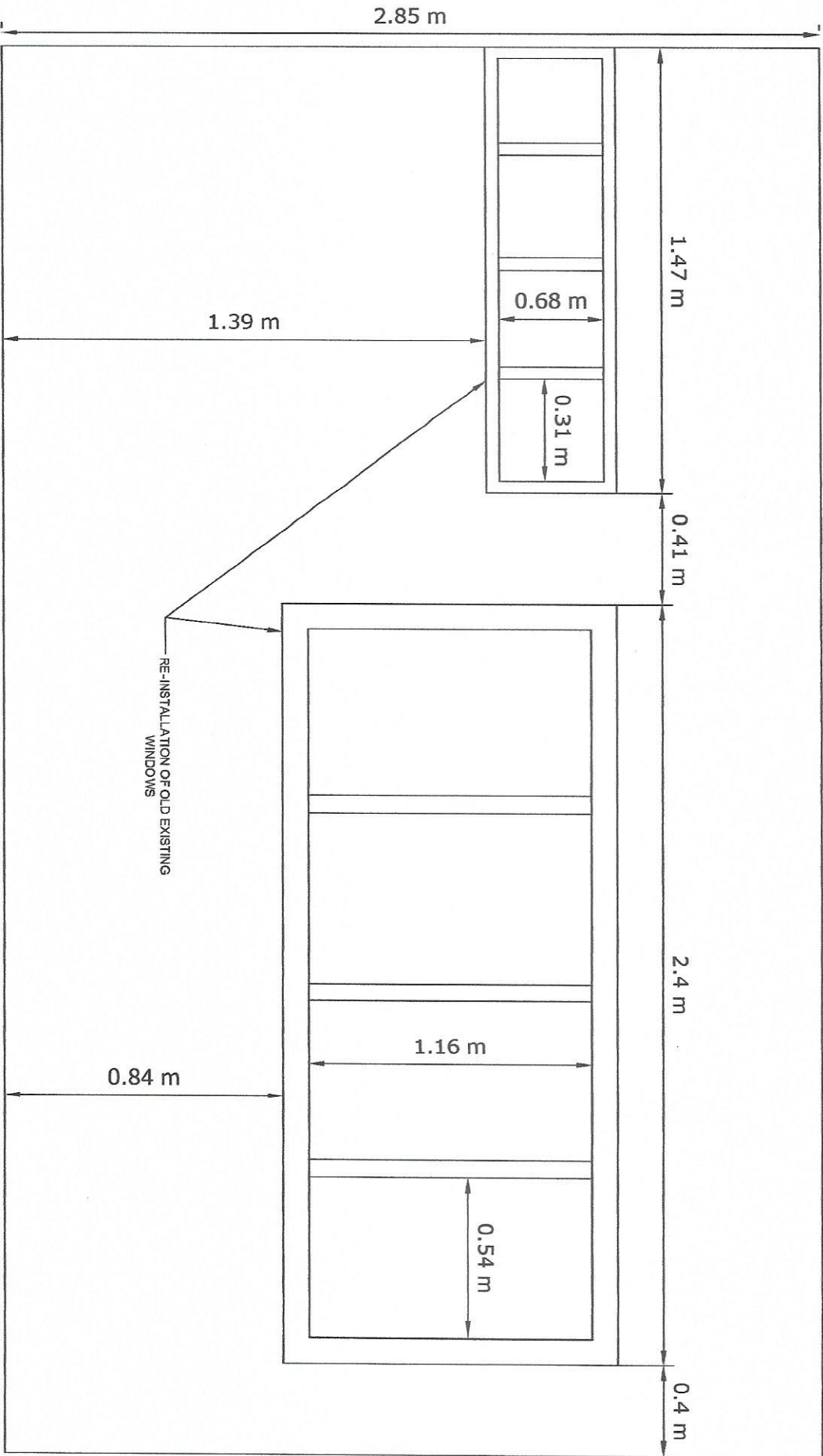


DETAILS OF COLUMN FOOTING



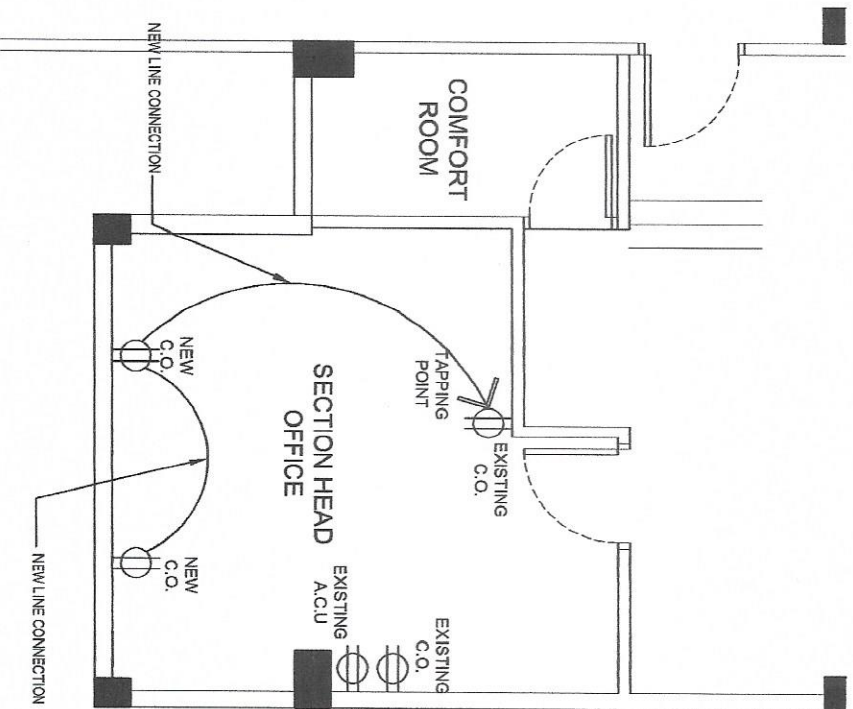
Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
PHILIPPINES NUCLEAR RESEARCH INSTITUTE
CORONADO, 7TH AVENUE, BILIRAN, QUEZON CITY

PROJECT:	SHEET CONTINUED	PREPARED BY:	NOTED BY:	RECOMMENDING:	APPROVED BY:	DESIGN REVIEWED/NOTED:
UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y. 2022)	PROPOSED EXTENSION PLAN - NROS SECTION HEAD OFFICE STRUCTURAL DETAILS	ENGR. EUGENIO GREGORIO Senior Structural Engineer ENR. JONATHAN V. DANIES Senior Research Assistant	ENR. JOHN M. MANOLUEZ Senior Structural Research Consultant ENR. ROSEANNE S. REJAS Senior Research Assistant-Specialist ENR. ANDREA C. BARBARA Engineer II, CSS	RYAN D. OJAS Engineer, III, CSS PREDOSA CORAZO (BARBARA PH. D. Dr. PH. D.	ENR. ARTURO A. SALIH Dr. PH. D. CARLO A. ARCILLAN, PH. D. Director	DATE: 3/12/22 PAGE NO.: 3/12

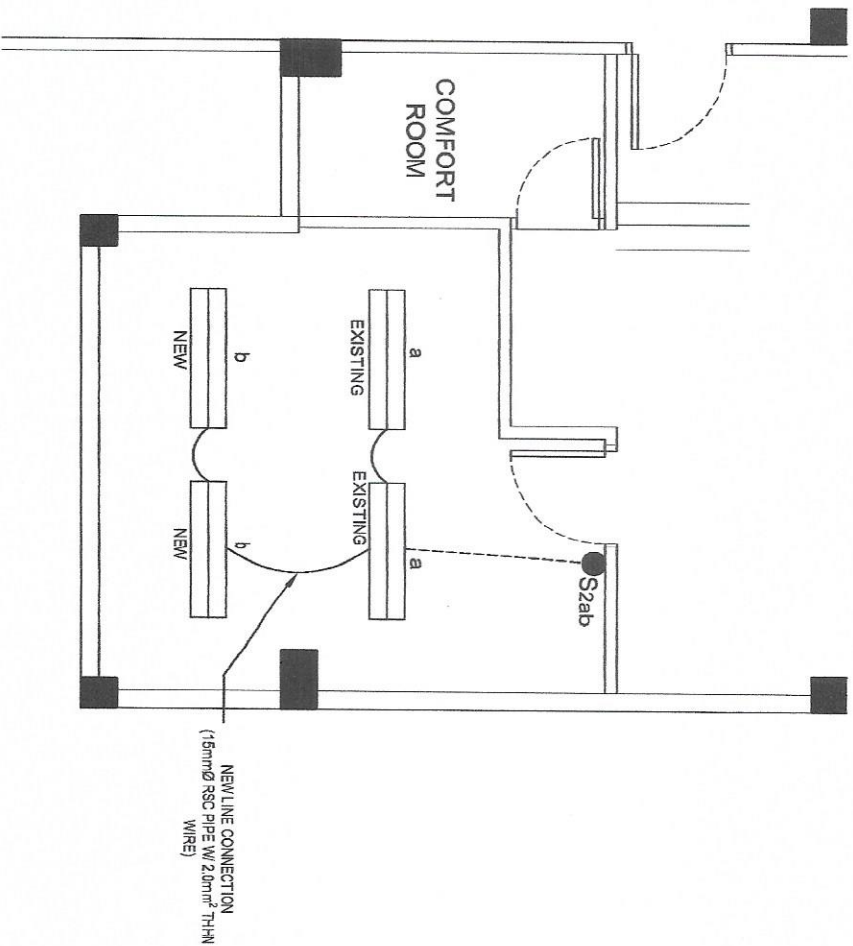


Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
PHILIPPINES NUCLEAR RESEARCH INSTITUTE
CONCORDIA H. AVENUE, ALABANG, MARIKINA CITY

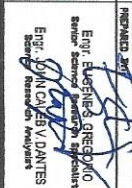
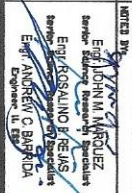
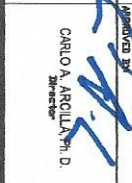
PROJECT		SHEET CONTENT		PREPARED BY		NOTES		RECOMMENDING APPROVAL		APPROVED BY		DRAWN BY/REVIEWED BY		SHEET NO.	
UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y. 2022)		REHABILITATE OFFICE ROOM OF SECTION HEAD - ELEVATION VIEW		Engr. EUGENIO S. GREGORIO Engr. Science Research Institute Engr. JOHN CARLOS V. DANTES Engr. Research Institute		Engr. JOHN M. MARQUEZ Engr. Science Research Institute Engr. ROSALINDA S. DELA Engr. ANDREW C. BARRIDA Engr. II, III		RYAN O. OVARRES Engr. II, III RICARDO O. OVARRES Engr. II, III B. PABRORA, PH. D. VALERIE Engr. II, III		CARLO A. ARCILLAN, PH. D. Director		Checked by: Date: 4/22		A-3 4/22	



POWER LAYOUT



LIGHTING LAYOUT

 Department of Science and Technology PHILIPPINES NUCLEAR RESEARCH INSTITUTE CONSTITUTION AVENUE, TILAWAN, MARIKINA CITY	PROJECT UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y. 2022)	SHEET CONTENT - ELECTRICAL WORK - POWER & LIGHTING LAYOUT	PREPARED BY  Engr. Eugene S. GREGONIO Senior Science Research Specialist Engr. JOHN OLIVER V. DANTES Senior Research Analyst	NOTES BY  Engr. JOHN M. MARQUEZ Senior Science Research Specialist Engr. ROSALINDA P. REYES Senior Research Analyst Engr. ANDREW C. BARRIDA Engineer II	RECOMMENDED APPROVAL  RYAN U. OLIVARES Engr.-Lead Architect PILAROSA CORP. INC. 100 BARBARA PI. D. VALLEJO, CALABARZON, PH. D.	 Engr. ARMANDO S. MALIB Engr.-Lead Architect VALERIE A. MALIB, PH. D. Engr.	APPROVED BY  CARLO A. ARCILLA, PH. D. Director	REVIEWED CHECKED BY DATE PAGE NO. 5/22	SHEET NO. E-1
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PROJECT	SHEET CONTAINS
UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y 2022)	RENOVATION OF EXIT DOOR AT THE 2ND FLOOR REACTOR WESTING (INCL. STAIRS & PLATFORM) - ELEVATION VIEW

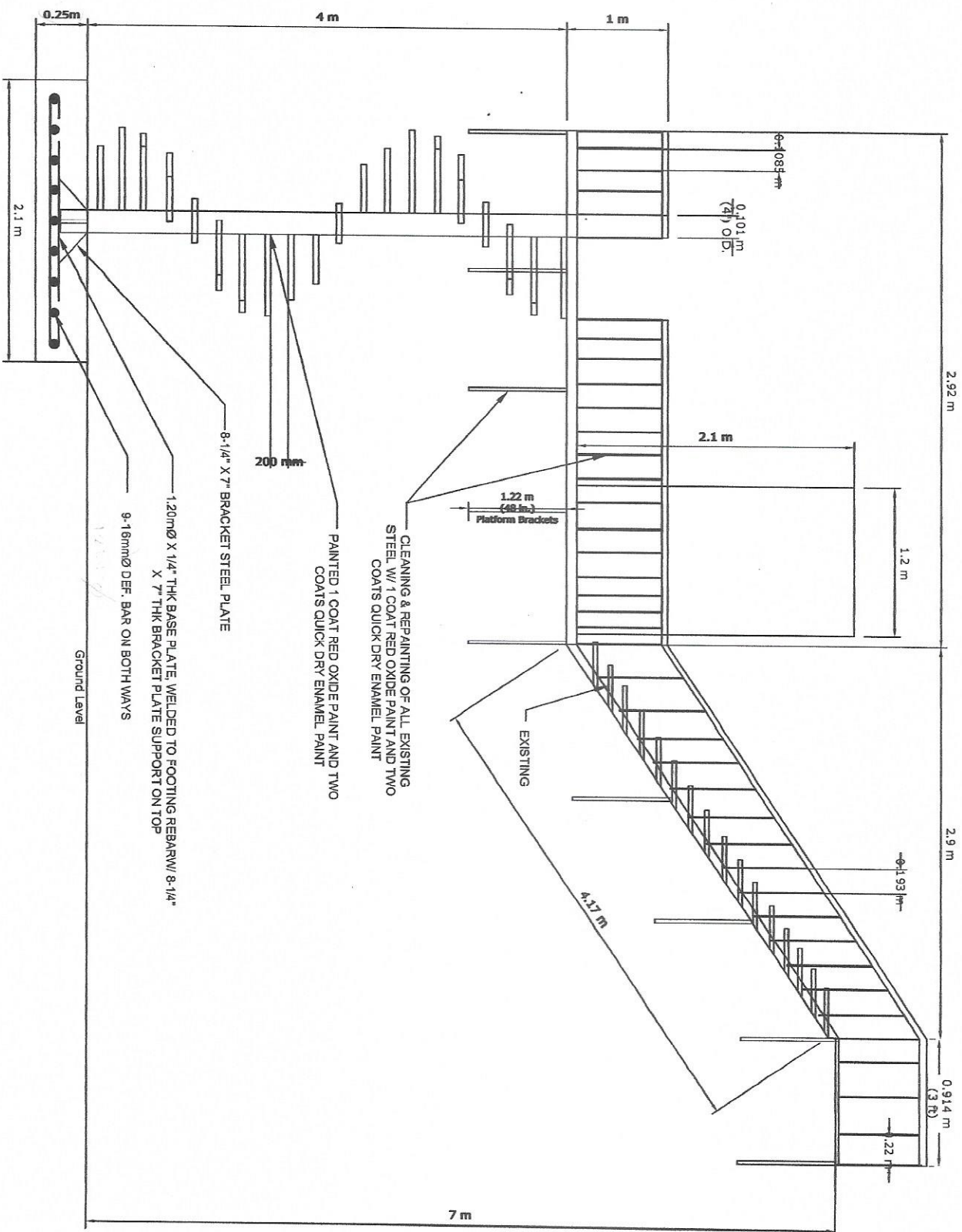
PREPARED BY
Engr. EUGENE S. GREGOR
Senior Science Research Specialist
Engr. JOHN CARLOS V. DANTON
Science Research Analyst

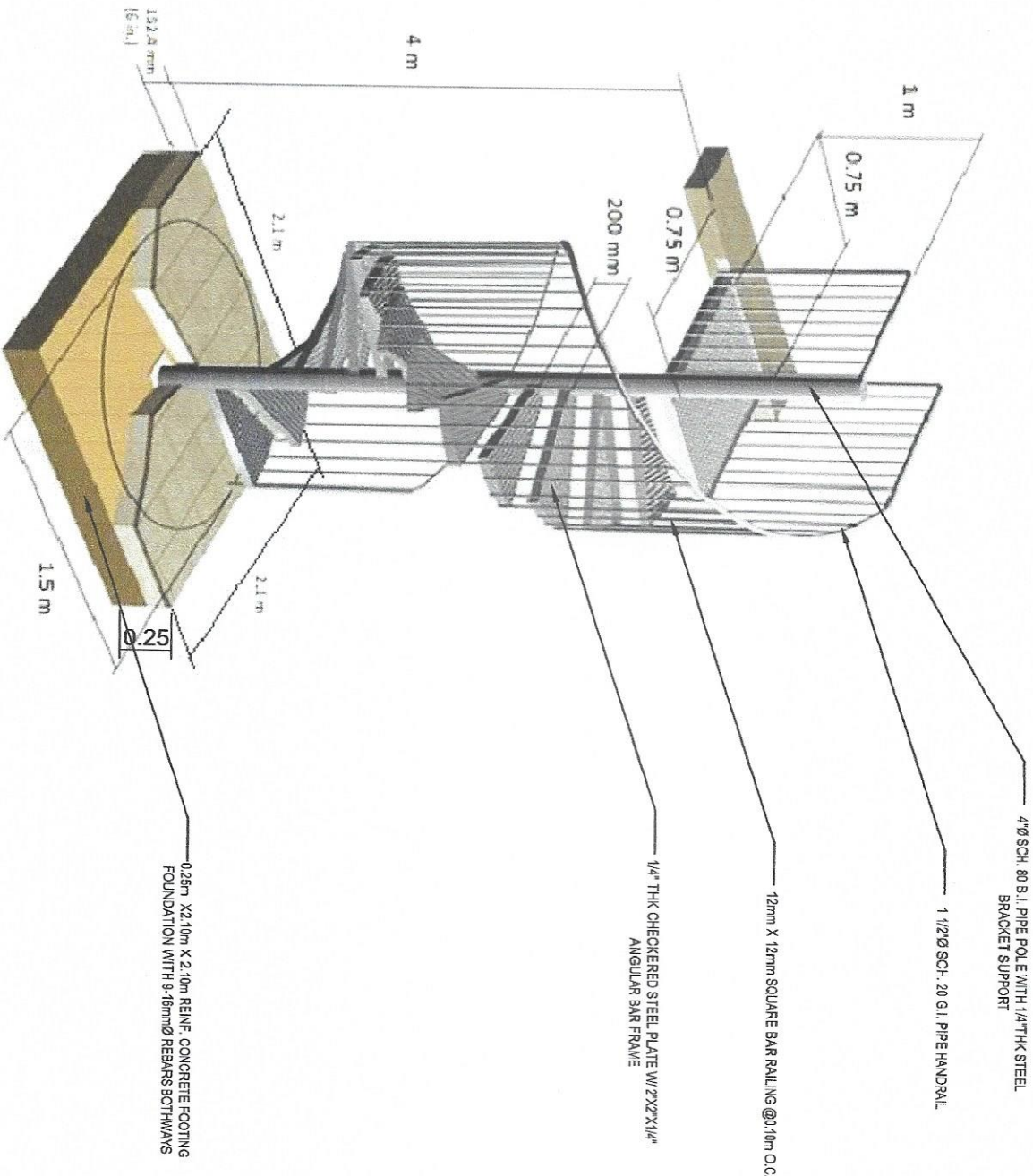
NOTED BY:	ENGR. JOHN M. MARQUEZ Senior Science Research Specialist ENGR. ROSALIND B. REJAS Senior Science Research Specialist ENGR. ANDREW C. BARRIDA
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RECOMMENDING	APPROVAL
RYAN U. OLIVARES Engr. ARYDIO F. SALIH Engr. SERAFIN 1215	Engr. ARYDIO F. SALIH

APPROVED BY: 
CARLO A. ARCILLA, Ph.D.
Director

DRIVEN BY: GEDULAZI	SHEET NO. 1
CHECKED BY:	A-5
DATE: APRIL 26, 1964	BRIDGE NO. 1





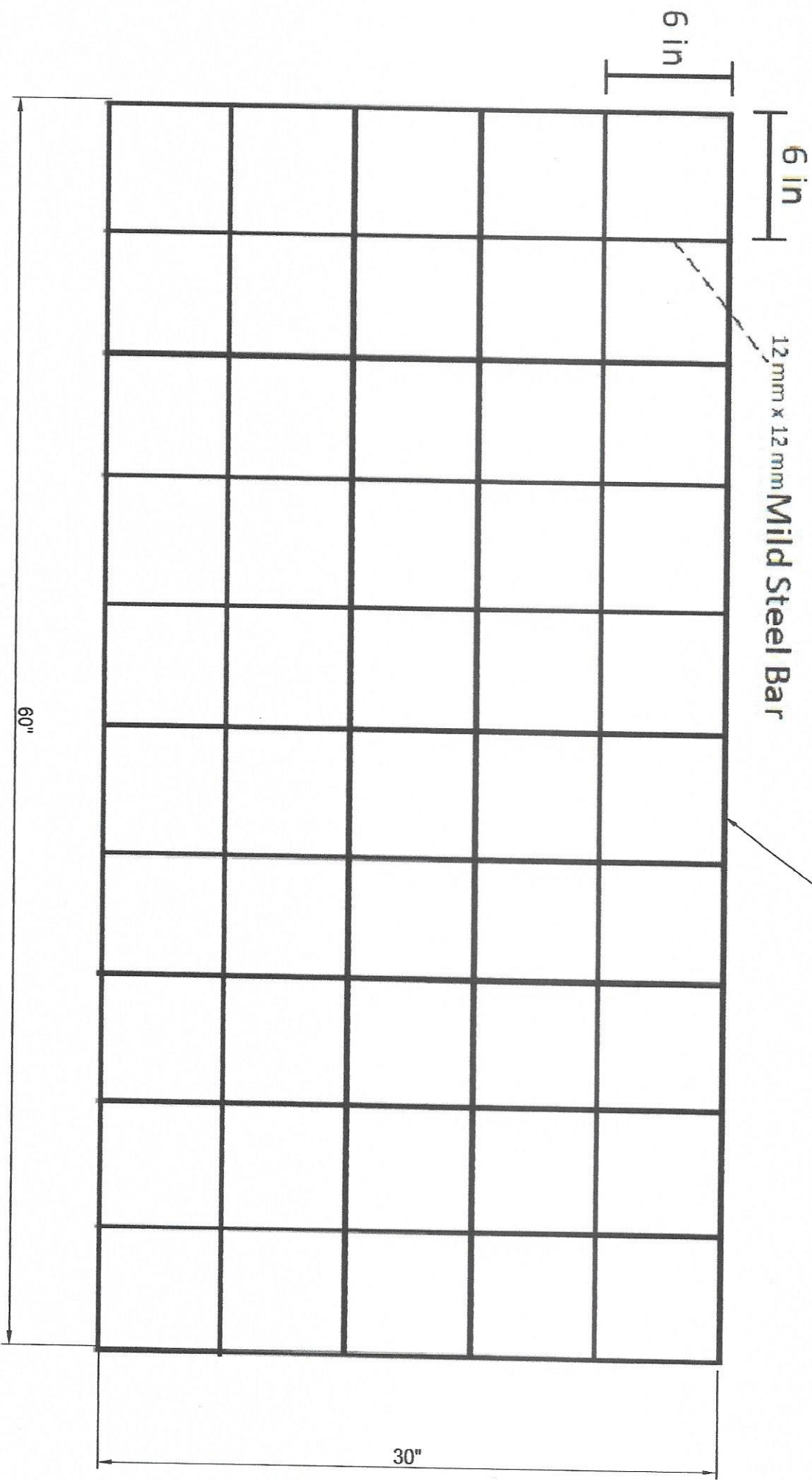
*Picture is only used for illustration of the stairway specifications.
Bridge taken from: <https://www.google.com/maps/@14.5994444,120.9844444,15z>

PROJECT		SHEET CONTENT		PREPARED BY		NOTED BY		RECOMMENDING APPROVAL		APPROVED BY		DRAWN BY: GEBU, A.D.		SHEET NO.	
UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y. 2022)		RENOVATION OF EXIT DOOR AT THE 2ND FLOOR REACTOR WESTWING (INCL. STAIRS & PLATFORM) - PLAN VIEW		EGR. EUGENE S. GREGORIO Senior Structural Engineer EGR. JOY B. V. DANTES Senior Structural Engineer		EGR. JOHN M. JARQUEZ Senior Structural Engineer EGR. ROSALIND REAS Senior Structural Engineer EGR. ANDREW C. BARRIO Senior Structural Engineer		RIVAN U. OLIVARES Engineer, Mechanical VALERIE ANN JAMSON, Ph.D. Group Chief		CARLO A. ANTONIA, Ph.D. Structural Engineer		CREATED BY: DATE: 7/26/22		A-7 PAGE NO.: 8/22	

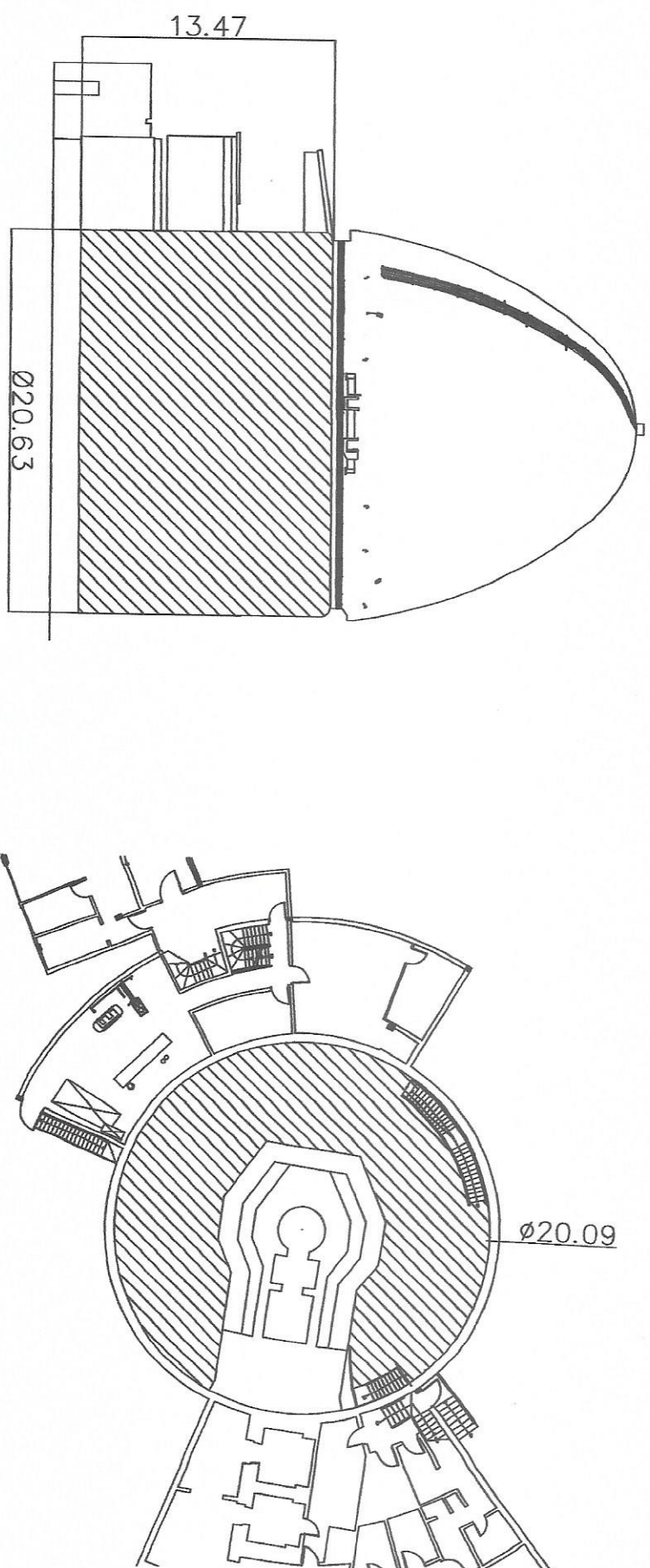


Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
PHILIPPINES NUCLEAR RESEARCH INSTITUTE
COMMONWEALTH AVENUE, DILMAN, QUEZON CITY

PAINTED W/ EPOXY PRIMER AND TWO (2) COATS
TOP COAT EPOXY ENAMEL

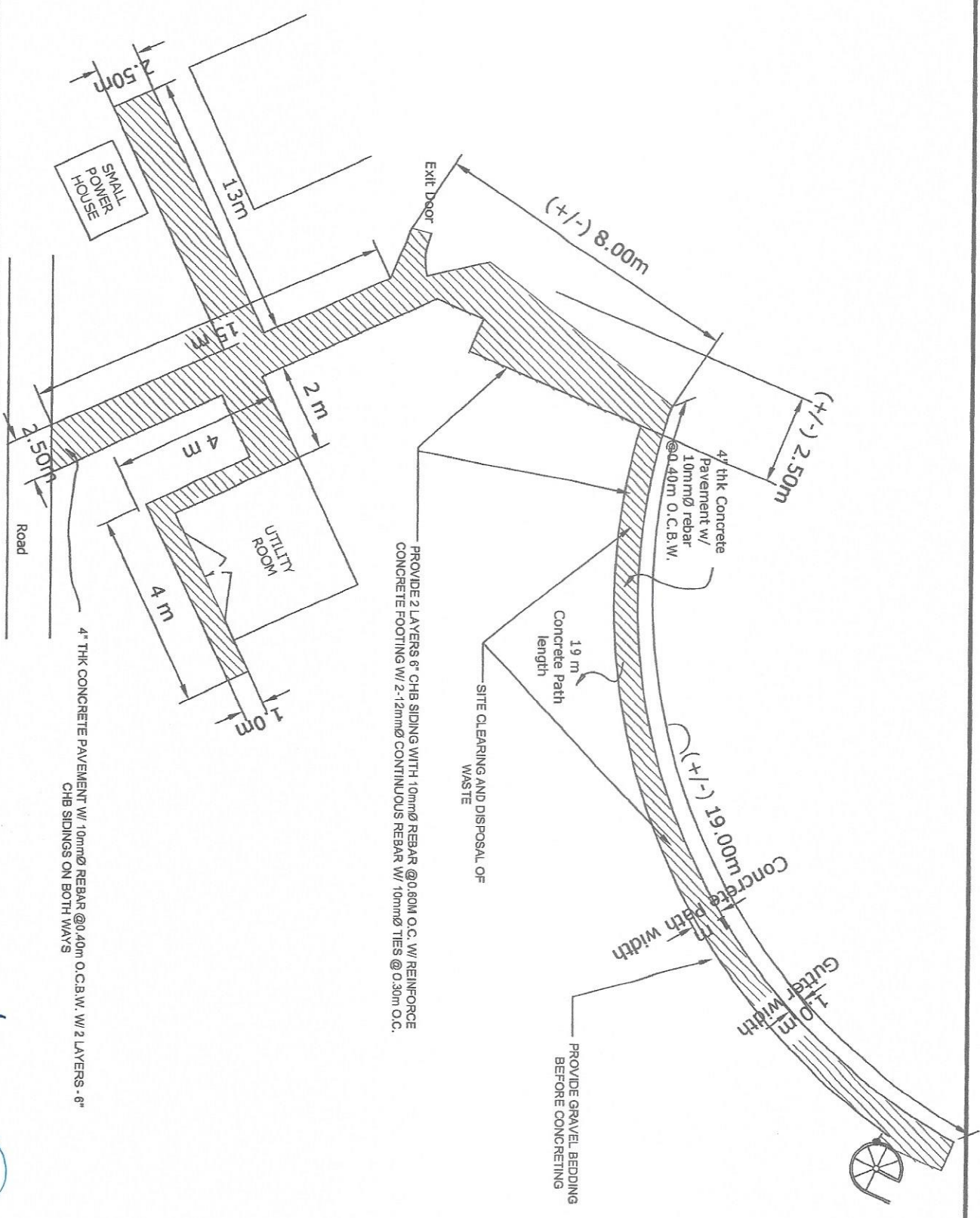


 Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY PHILIPPINES NUCLEAR RESEARCH INSTITUTE COMMONWEALTH AVENUE, DILIMAN, QUEZON CITY		PROJECT: UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y. 2022)		SHEET CONTENT: FABRICATION AND INSTALLATION OF IRON GRILLS AT THE CONTROL ROOM & VISITORS GALLERY WINDOWS		PREPARED BY: Engr. EULENE S. GREGORIO Senior Science Research Specialist Engr. JOHN CRISTO Y. DANTES Project Manager		NOTED BY: Engr. JOHN U. MANRIQUEZ Senior Science Research Specialist Engr. ROSARIO B. RELAS Engr. ANDREW C. BARROJA Engr. (L.B.S.)		RECOMMENDED BY LOCAL: RYAN U. OLIVEROS Engr. (L.B.S.) PRECIOSA COMPTON PABROJA, Ph.D. Engr. (L.B.S.)		APPROVED BY: Engr. ARTHUR T. SALI Engr. (L.B.S.) CARLO A. ARCILLANA, D. Engr. (L.B.S.)		DRAWN BY: GENILABO CHECKED BY: DATE: PROJECT NO.: 9/122		SHEET NO.: A-8 9/122	
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PAINTING OF REACTOR BAY FLOOR & DOME INTERNAL WALL INSIDE THE REACTOR BLDG.

	
Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY PHILIPPINE NUCLEAR RESEARCH INSTITUTE COMMONWEALTH AVENUE, DILIMAN, QUEZON CITY	
PROJECT	SHEET CONTENT
UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y. 2022)	PAINTING OF REACTOR BAY FLOOR & SELECTED AREA IN THE REACTOR DOME
PREPARED BY: Engr. EUGENIO S. GREGORIO Engr. JOSE CALA V. DANTES Scale: 1/200	NOTED BY: Engr. JOHN W. MARQUEZ Engr. ROSALINDO B. REYES Engr. ANDREW C. BARBOSA Engr. (SSE)
RECOMMENDING APPROVAL: RVA N. OCHOA Engr. (SSE)	Engr. ARTHUR F. SNIFF Engr. (SSE)
APPROVED BY: CARLO A. ARCILLA, Ph.D. Director	DATE: 10/22
DRAWN BY: ENGINERO	CHECKED BY: A-9
DATE: 10/22	DATE: 10/22



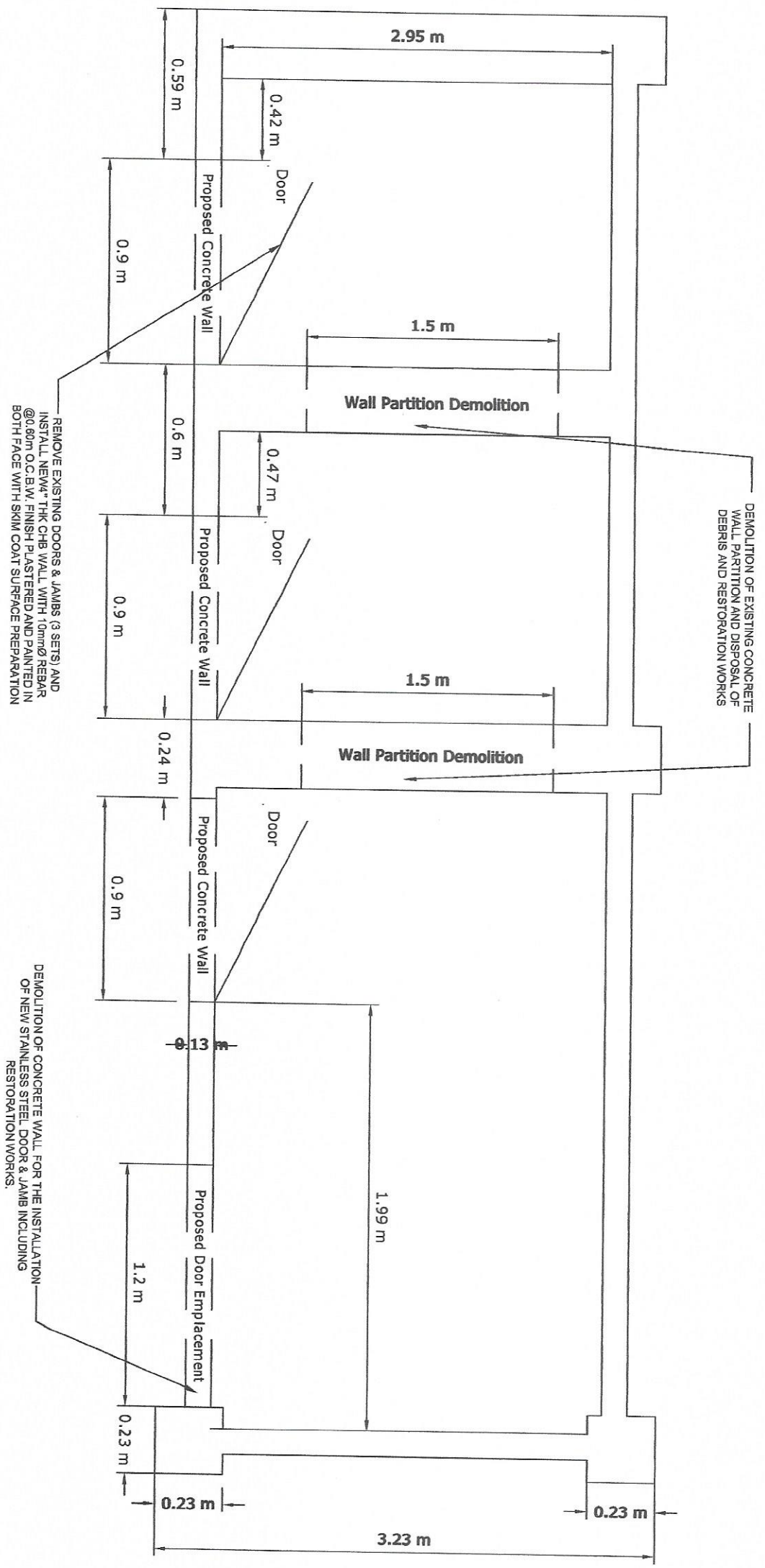
4" THK CONCRETE PAVEMENT W/ 10mmØ REBAR @ 0.40m O.C.B.W. W/ 2 LAYERS - 6" CHB SIDINGS ON BOTH WAYS

PROVIDE 2 LAYERS 6" CHB SIDING WITH 10mmØ REBAR @ 0.80m O.C. W/ REINFORCE CONCRETE FOOTING W/ 2-12mmØ CONTINUOUS REBAR W/ 10mmØ TIES @ 0.30m O.C.

SITE CLEARING AND DISPOSAL OF WASTE

PROVIDE GRAVEL BEDDING BEFORE CONCRETING

 Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY PHILIPPINES NUCLEAR RESEARCH INSTITUTE CONDOMINIUM AVENUE, DILIMAN, QUEZON CITY		PROJECT: UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y. 2022)		SHEET CONTENT: CONSTRUCT CONCRETE SLAB PATHWAY		PREPARED BY: ENGR. EUGENIO GREGORIO Senior Science Research Specialist ENGR. JOSE V. DAVIES Senior Research Analyst		CHECKED BY: ENGR. ROSALIND B. REYES Senior Science Research Specialist ENGR. ANDREW C. BARRERA Engineer in CES		RECOMMENDING APPROVAL: RYAN U. OLIVARES Engr. in CES FREDICA CORRAL Engr. in CES		APPROVED BY: ENGR. ARTHUR S. SAUL Engr. in CES CARLO A. ANCILOTTA Director		DRAWN BY: A-10 11/22	
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 Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY PHILIPPINES NUCLEAR RESEARCH INSTITUTE CONDOMINIUM AVENUE, DILIMAN, QUEZON CITY		PROJECT		SHEET CONTENT		DESIGNED BY		NOTED BY		RECOMMENDING APPROVAL		APPROVED BY		DRAWN BY/ENGINEER/AD		SHEET NO.	
UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y. 2022)		REMOVAL AND REHABILITATION OF SMALL POWER HOUSE - PLAN VIEW		Engr. EUGENIO GREGORIO Senior Service Research Specialist Engr. JOHN KAREY D. DANTES Senior Research Analyst		Engr. JOHN M. MARQUEZ Senior Service Research Specialist Engr. ROSALINDO B. REYES Senior Service Research Specialist Engr. ANDRES C. DAVARIDA Engineer II, ESR		RYAN U. OLIVARES Engr. J. M. MARQUEZ Engr. ROSALINDO B. REYES Engr. ANDRES C. DAVARIDA Engr. J. M. MARQUEZ Engr. ROSALINDO B. REYES Engr. ANDRES C. DAVARIDA		PHEOISA CO. JENES PABROA, PH. D. VALERIE L. JOHNSON, PH. D. Senior Engineer		CARLO A. ARCILLA, PH. D. Director		CHECKED BY DATE PAGE NO. 1		A-11 12/22	



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
PHILIPPINES NUCLEAR RESEARCH INSTITUTE
CARMENWALDI AVENUE, MARIKINA, QUEZON CITY

PROJECT:

UPGRADING OF ARC BLDG.
- REACTOR FACILITY
(C.Y. 2022)

SHEET CONTENT:

REMOVAL AND
REHABILITATION OF SMALL
POWER HOUSE - ELEVATION
VIEW

PREPARED BY:

Engr. EDWARD S. GREGORIO
Senior Science Research Specialist
Engr. JOHN CALLEY V. DANTES
Science Research Analyst

NOTED BY:

Engr. JOHN W. MARQUEZ
Senior Science Research Specialist
Engr. ROSALIND B. REYES
Senior Science Research Specialist
Engr. MARICEL C. BARRIDA
Engr. L. L. LEE

RECOMMENDING APPROVAL:

RYAN L. OLIVARES
Engr.-Lead Architect
Engr. FREDIOSA CORRALON B. PABROA, Ph.D.
Engr. DIVALBERTO MANANSON, Ph.D.

APPROVED BY:

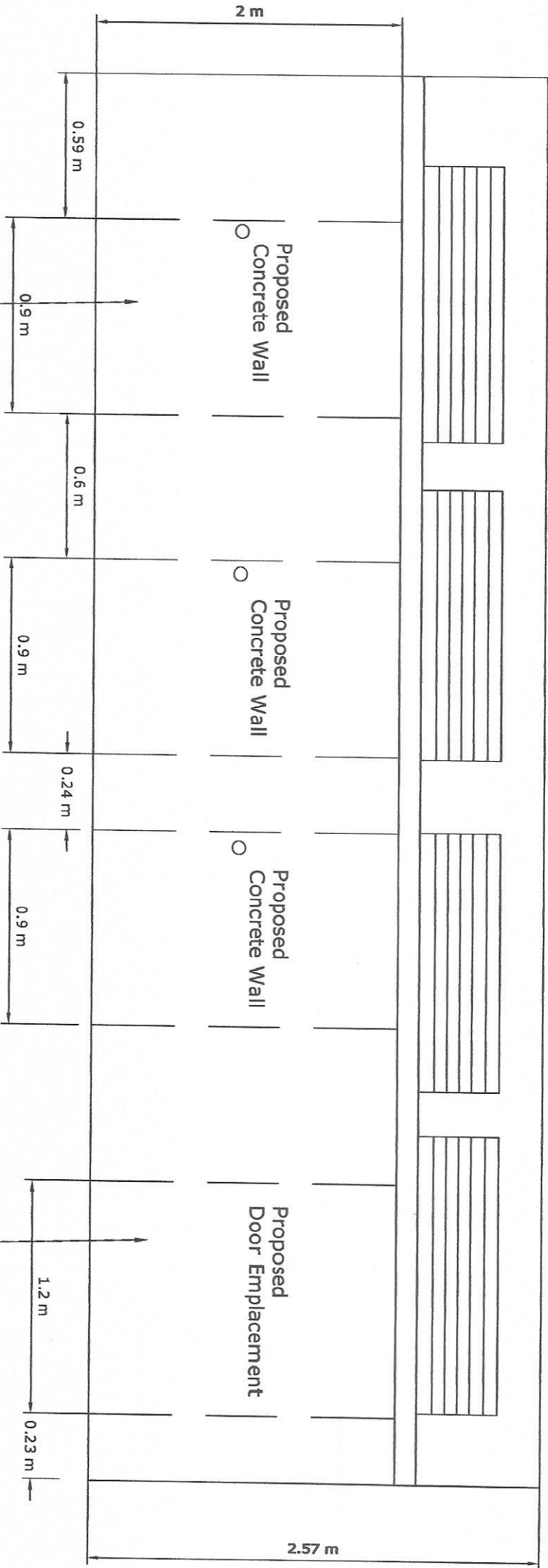
Engr. ARBORIO SAHJ
Engr. CARLO A. ARCULLA, Ph.D.
Director

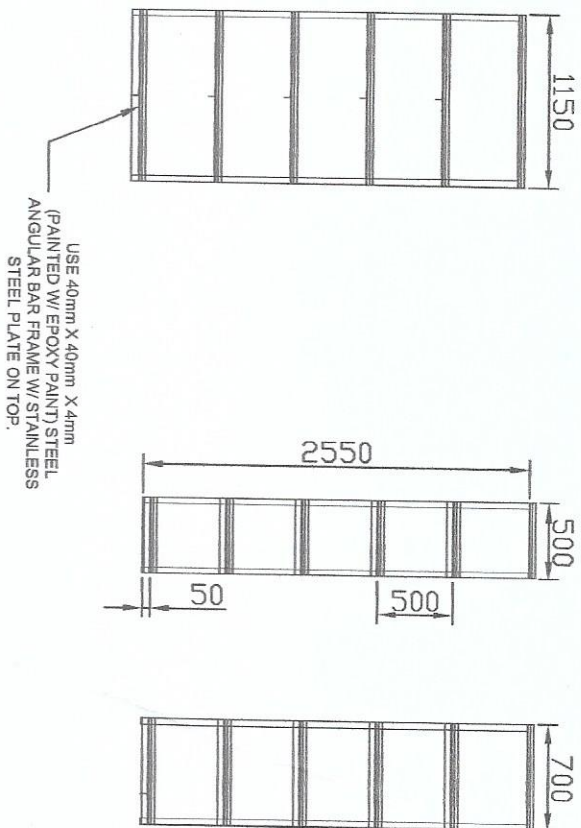
DRAWN BY/ENGINEER/ASD:

CHECKED BY:
A-12

SHEET NO. 1

DATE:
13/22





FRONT VIEW

Scale 1:50 Mts.

SIDE VIEW

Scale 1:50 Mts.

PERSPECTIVE VIEW

Scale 1:50 Mts.

SHELVES DETAILS

Note:
6 units shelves = 1150 x 500 x 2550
2 units shelves = 1150 x 700 x 2550
6 rack shelves of stainless steel plate on top



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
PHILIPPINE NUCLEAR RESEARCH INSTITUTE
COMBENALIN AVENUE, DILIMAN, QUEZON CITY

PROJECT

UPGRADING OF ARC BLDG.
- REACTOR FACILITY
(C.Y. 2022)

SHEET CONTENT

SHELVES DETAILS

PREPARED BY

Engr. EUGENE S. BREGARIO
Senior Science, Research Specialist
Engr. JOY A. CAPE V. DANTES
Science Research Analyst

NOTED BY

Engr. JOHN M. MARQUEZ
Senior Science Research Specialist
Engr. ROSALINDO B. FELIAS
Senior Science Research Analyst
Engr. ANDREW C. BARRIDA
Engineer

RECOMMENDING APPROVAL

RYAN V. OLIVERES
Engr. in Charge
PRECIOSA C. CONCEPCION
Engr. in Charge

APPROVED BY

Engr. ARTHUR A. BRUN
Engr. in Charge
CARLO A. ARCILLA, Ph.D.
Director

DRAWN BY/ENGINEER/AD

CHECKED BY

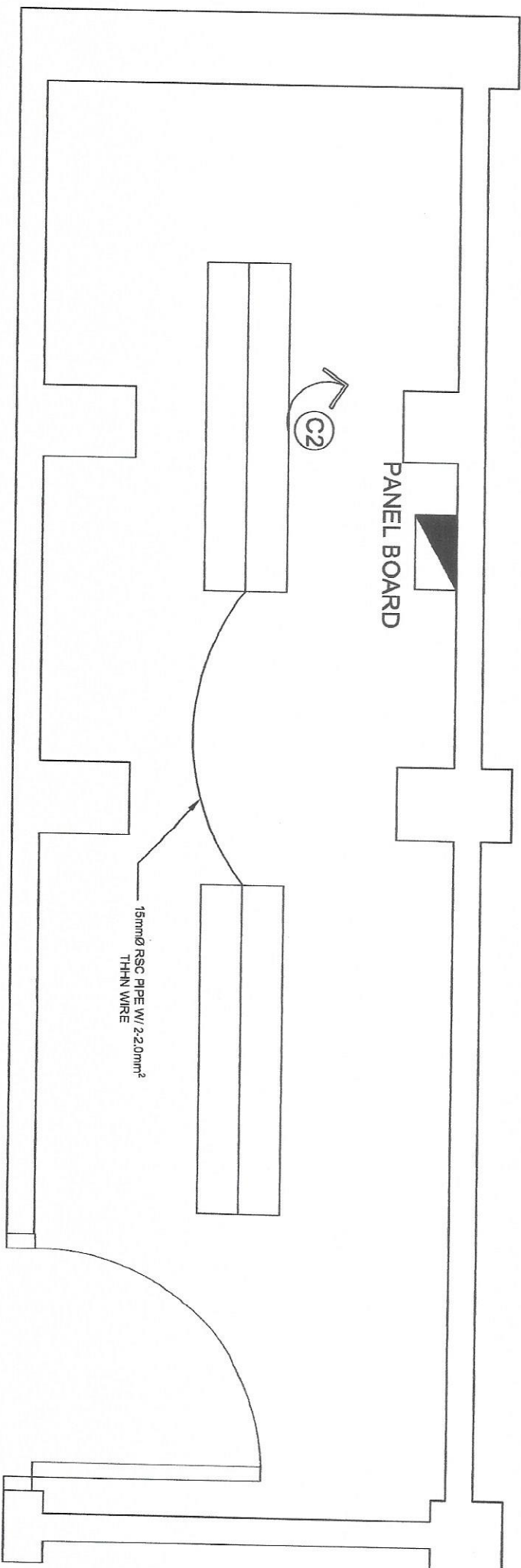
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SHEET NO. 1

DATE

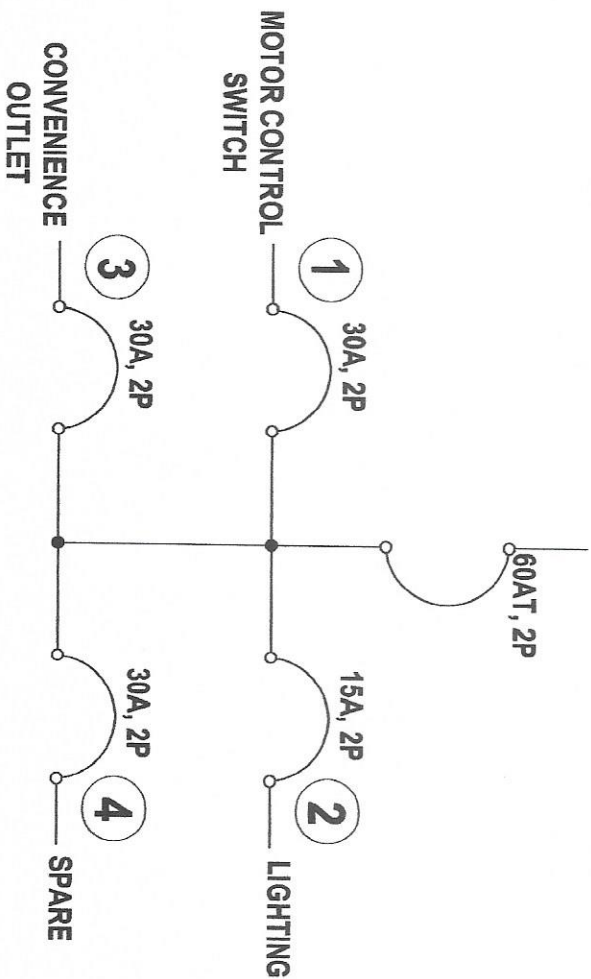
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22/22

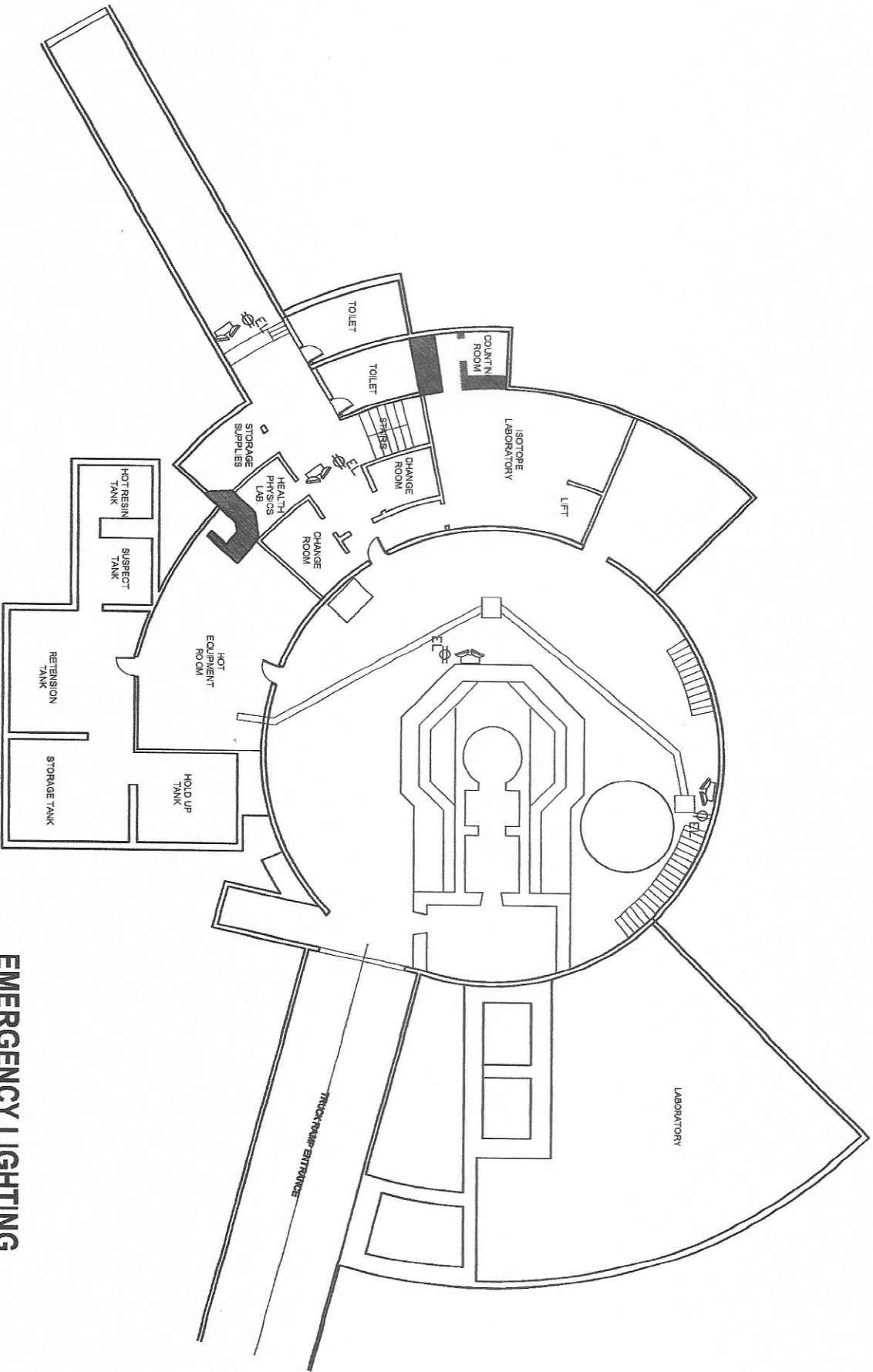


LIGHTING LAYOUT

 Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY PHILIPPINES NUCLEAR RESEARCH INSTITUTE CORONADO AVE., ALABAMA, QUEZON CITY		PROJECT UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y. 2022)		SHEET CONTENT LIGHTING LAYOUT		REMARKS BY Engr. EUGENE S. GREGORIO Senior Science Research Specialist Engr. JOYCE V. DANIES Senior Science Research Specialist		NOTES BY Engr. JOHN M. MARQUEZ Senior Science Research Specialist Engr. FOSILMO B. REYES Senior Science Research Specialist Engr. ANDREW C. BARRIDA Engineer II ESE		RECOMMENDED APPROVAL RYAN U. OLIVARES Engr. - Chief, Design RECLOSIA CO. INC. 180 Engr. JOSE PABROA, PH. D. VALERIE A. VILLANON, PH. D. Engr. ARTURO E. SANIN Engr. - Chief, ESE		APPROVED BY CARLO A. ARCILLA, PH.D. Director		DRAWN BY E-3		DATE 15/22	
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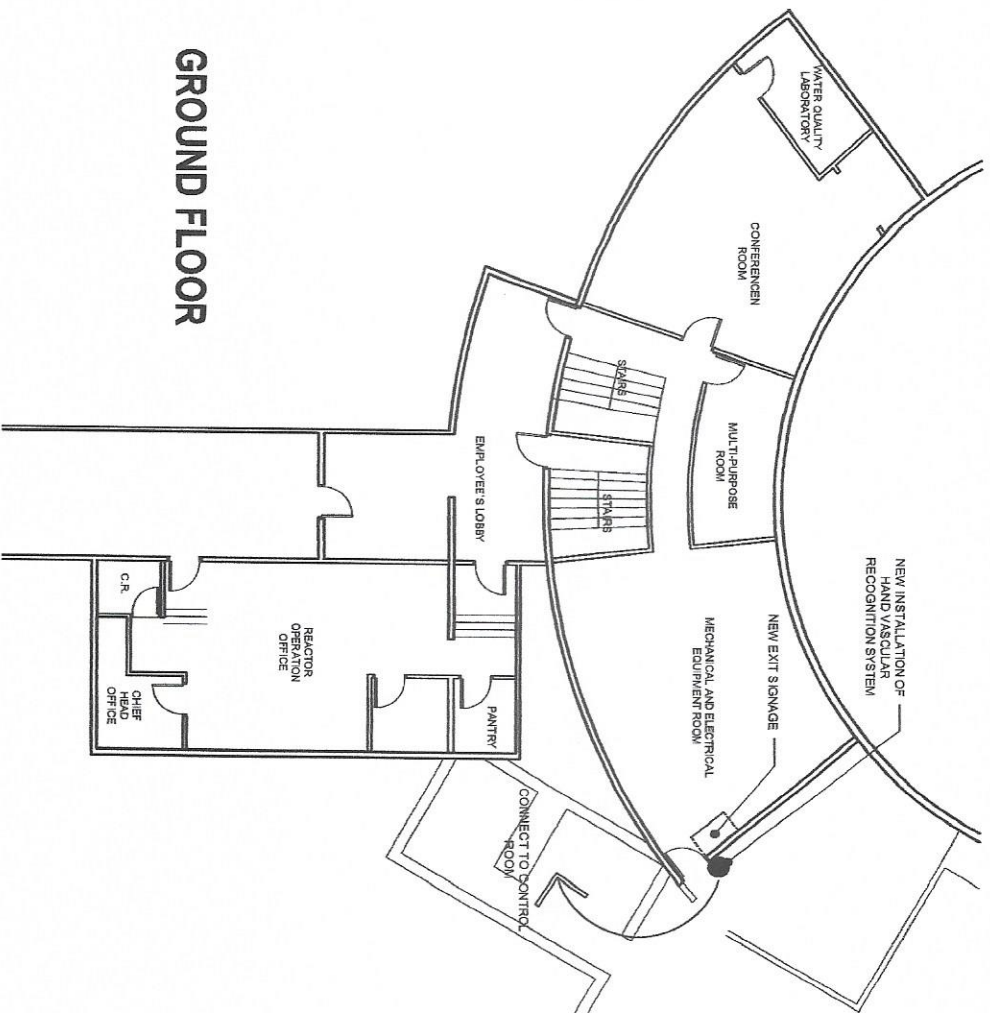
 Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY PHILIPPINES NUCLEAR RESEARCH INSTITUTE CONVENTAL AVENUE, BULACAN, BULACAN CITY		PROJECT UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y. 2022)		SHEET CONTENT PANEL BOARD DIAGRAM		PREPARED BY Engr. EUGENE G. REYES Senior Science Research Specialist Engr. JOHN CARLOS V. DANTES Senior Research Analyst		NOTED BY Engr. JOHN M. MARQUEZ Senior Science Research Specialist Engr. ROSALINDA REYES Senior Science Research Specialist Engr. ANTONIO S. SAGUNDA Engineer II, EES		RECOMMENDING APPROVAL RYAN U. DIVARES Engr. RYAN U. DIVARES PRECIOUSA CORRALAN PABROA, Ph.D. Engr. DIVALETTE ANTONIO, Ph.D. Branch Director		APPROVED BY CARLO A. ARCILLA, Ph.D. Director		DRAWN BY JANVIN BIVERTE, AEC		SHEET NO. E-4 PAGE NO. 16/22	
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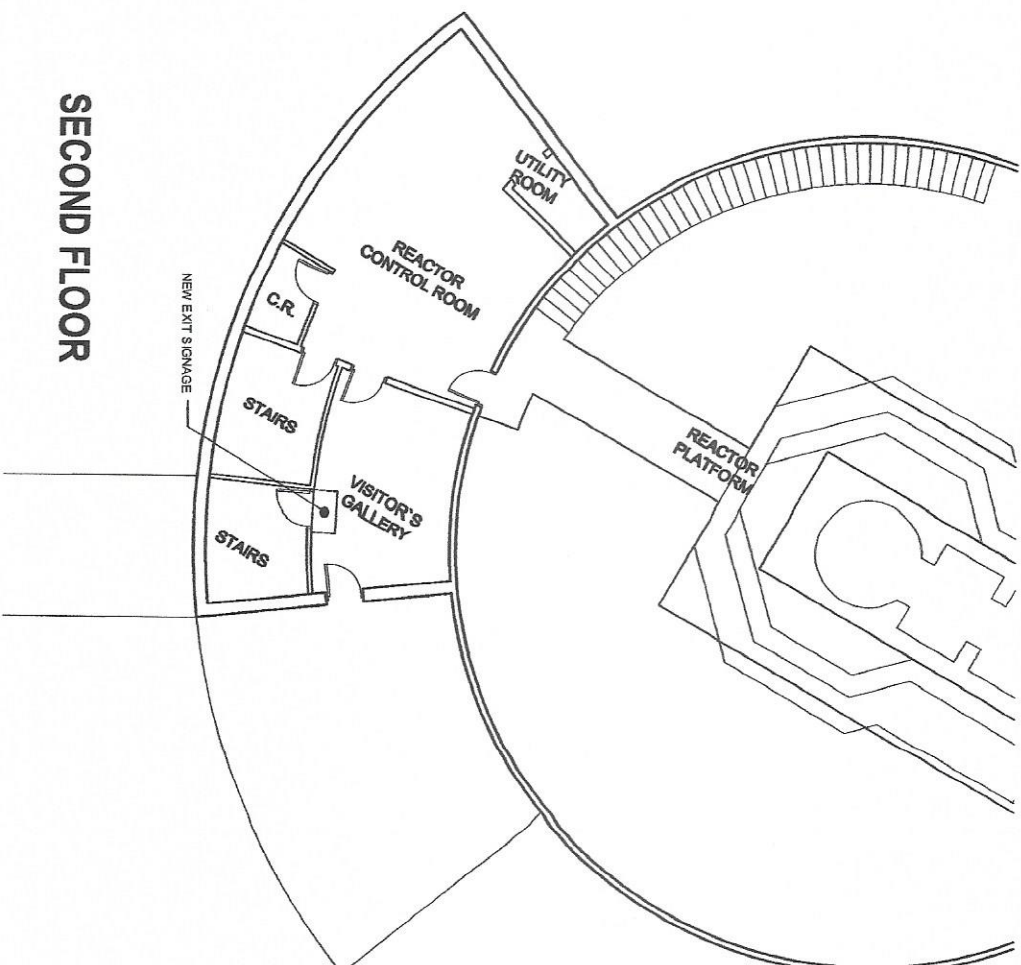
EL - EMERGENCY LIGHT

EMERGENCY LIGHTING LAYOUT

 Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY PHILIPPINE INSTITUTE OF PATENTS CORPORATE AVE. 3RD FLOOR, BANGSAH CITY	PROJECT	SHEET CONTENT		FORWARDED BY	NOTES BY	RECOMMENDING APPROVAL	APPROVED BY	DRAWN BY/GENERATED BY	SHEET NO. 1
	UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y. 2022)	EMERGENCY LIGHTING LAYOUT		ENGR. EUGENE S. GREGORIO Senior Science Research Specialist ENGR. JOY C. LEB V. DANTES Senior Research Analyst	ENGR. JOHN M. MARQUEZ Senior Science Research Specialist ENGR. ROSALINDA B. REYES Senior Research Analyst ENGR. ANDREW C. BARRIDA Engineer II, ESE	RYAN D. OLIVARES Engr. II, ESE PABRICA, PH. D. VALERIE M. SANSON, PH. D. Engr. Supervisor	CARLO A. ARCILLA, PH. D. Director	CHECKED BY DATE PAGE NO. 1	E-5 17/22



GROUND FLOOR



SECOND FLOOR



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
PHILIPPINE SCIENCE CENTER
GENEROUSITY AVENUE, ALABANG, MARIKINA CITY

PROJECT: UPGRADING OF ARC BLDG.
- REACTOR FACILITY
(C.Y. 2022)

EXIT
SIGNAGE
LAYOUT

DESIGNED BY:
ENGR. EUGENIE M. SORIANO
Senior Science Research Specialist
ENGR. JONAS C. EB Y. DANTES
Senior Research Analyst

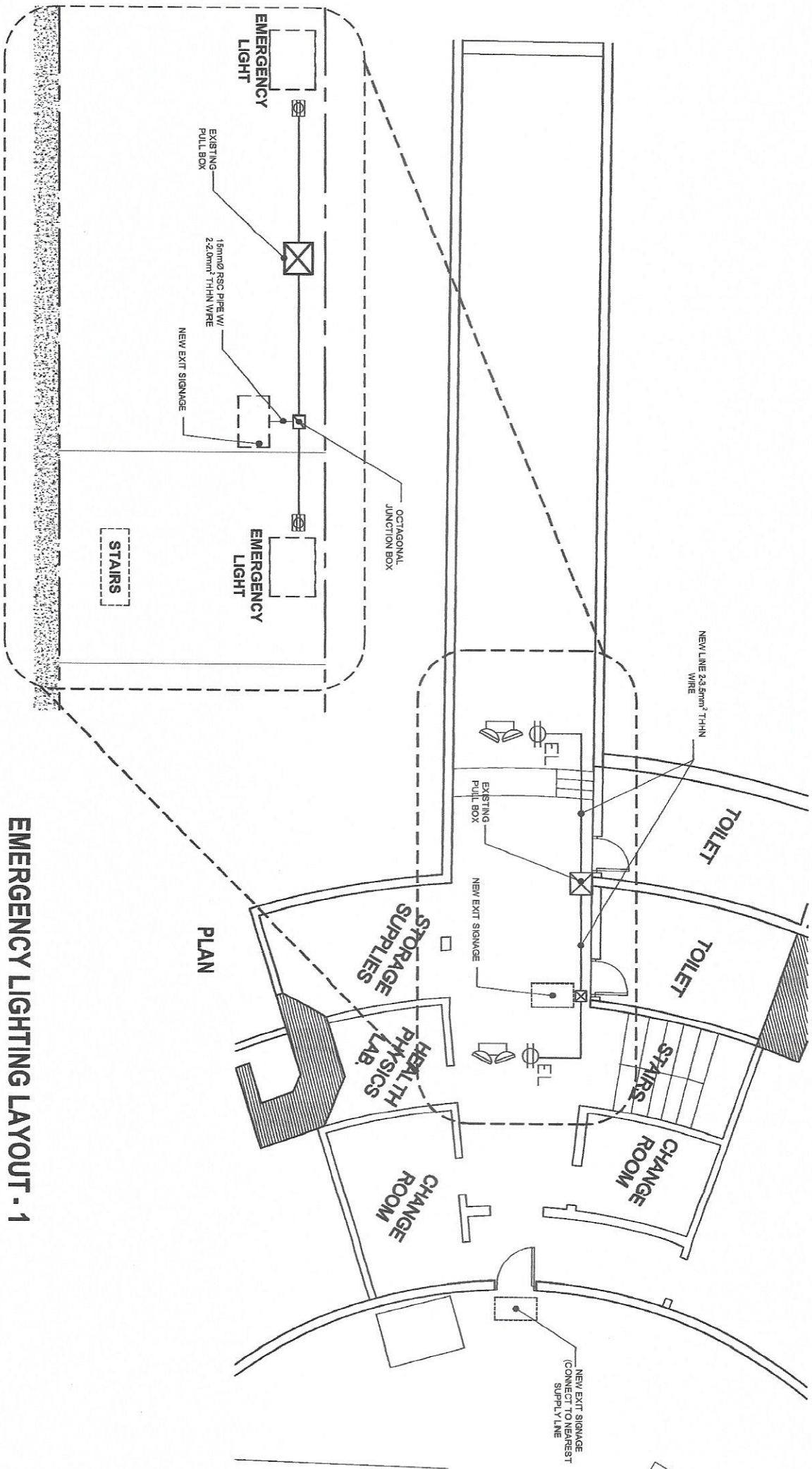
NOTED BY:
ENGR. JOHN M. MARQUEZ
Senior Science Research Specialist
ENGR. ROSALIND B. REYES
Senior Science Research Specialist
ENGR. ANDREW C. BARRERA
Engineer I (ES)

RECOMMENDING APPROVAL:
RYAN M. OLIVARES
Engineer I (ES)
PRECIOSA CONCEPCION B. PABROA, Ph.D.
Ph.D.

ENGR. ARTURO F. SABA
Engineer I (ES)
DVALERIE AND SANCHEZ, Ph.D.
Ph.D.

APPROVED BY:
CARLO A. ARCILLA, Ph.D.
Director

DESIGNED BY: E-6
DATE: 18/22
SHEET NO. 1

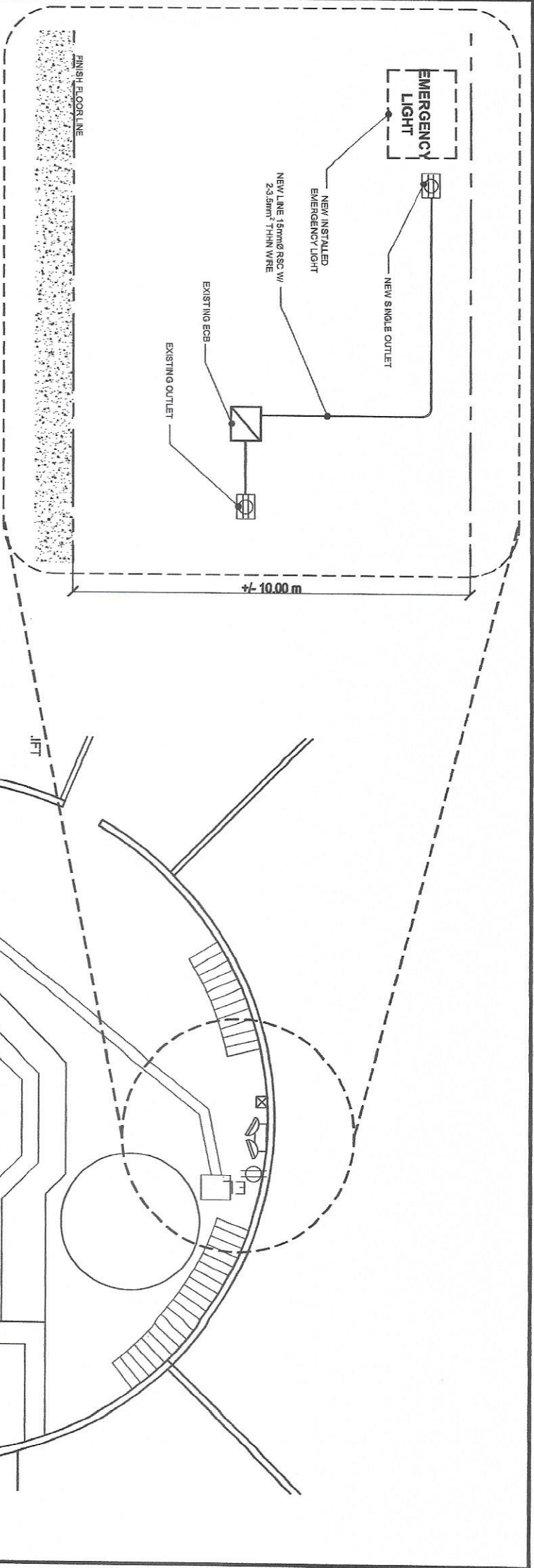


BLOW UP SECTION

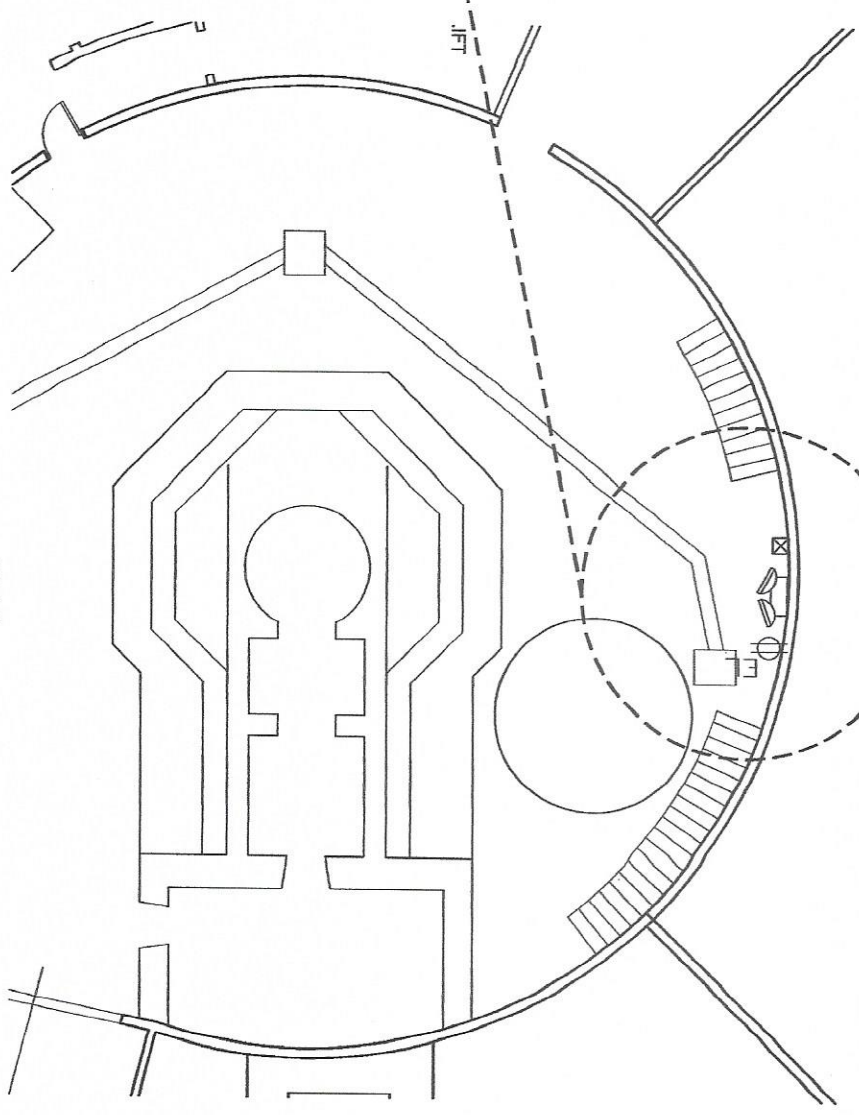
EMERGENCY LIGHTING LAYOUT - 1

PLAN

 Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY PHILIPPINE SCIENCE CENTER CAMPUS 1, ARROYO ALBINO, MARINA VIEW, PASIG CITY	PROJECT UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y. 2022)	SHEET CONTENT EMERGENCY LIGHTING LAYOUT	PREPARED BY: Engr. EUGENIO S. JAREGORO Senior Science Research Specialist Engr. JOHN CARLOS V. DAVIES Senior Research Assistant	NOTED BY: Engr. JOHN W. MARQUEZ Senior Science Research Specialist Engr. ROSALINDO B. REAS Senior Science Research Specialist Engr. ANDREW C. SANCHEZ Engineer II, EES	RECOMMENDING APPROVAL: RYAN T. OLIVERES Engr. I, EES FREGIOSA, COMARON B. PABROA, Ph.D. DIALERIE, JASON, Ph.D. Engr. Director	APPROVED BY: Engr. ARTURO B. SAJID Engr. Director	APPROVED BY: CARLO A. ARCILLA, Ph.D. Director	DRAWN BY: E-6 CHECKED BY: DATE: 19/22 FIG. NO. 1
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BLOW UP SECTION



EMERGENCY LIGHTING LAYOUT - 2

PLAN

 Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY PHILIPPINES NUCLEAR RESEARCH INSTITUTE CENRO/RAH AVENUE, DILIMAN, QUEZON CITY		PROJECT	SHEET CONTENT	PREPARED BY	CHECKED BY	RECOMMENDING AUTHORITY	APPROVED BY	DATE	PROJECT NO.
UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y. 2022)		EMERGENCY LIGHTING LAYOUT	ENGR. EUGENIO S. PRECIOUS Senior Science/Technology Specialist ENGR. JOY A. C. DE V. DAVIES Senior Research Analyst	ENGR. JOHN M. MARQUEZ Senior Science Specialist ENGR. ROSALIND B. REJAS Senior Science Specialist ENGR. ANNE M. C. BARBOSA Engineer II, EES	RYAN D. OLIVARES Senior Science Specialist ENGR. ROSALIND B. REJAS Senior Science Specialist ENGR. ANNE M. C. BARBOSA Engineer II, EES	PRECIOUS, EUGENIO S. PABROA, PH. DVALERIE Director, EES	ENGR. ARTHUR D. SAGUN Senior Science Specialist CARLO A. ARCILLA, Ph. D. Director	CHECKED BY DATE	SHEET NO. E-7 PAGE NO. 20/22



UPGRADING OF ARC BLDG
- REACTOR FACILITY
(C.Y. 2022)

EMERGENCY LIGHTING LAYOUT

Engr. EUGENE S. GREGORIO
Senior Science-Manager Specialist

Engr. JOHNNY M. MARQUEZ
Senior Science Research Specialist

Engr. ROSALIND B. REJAS
Senior Science Research Specialist

Engr. ANDREW C. REYES, JR.

RYAN C. CLAYBARE
Enrollment Test NMS

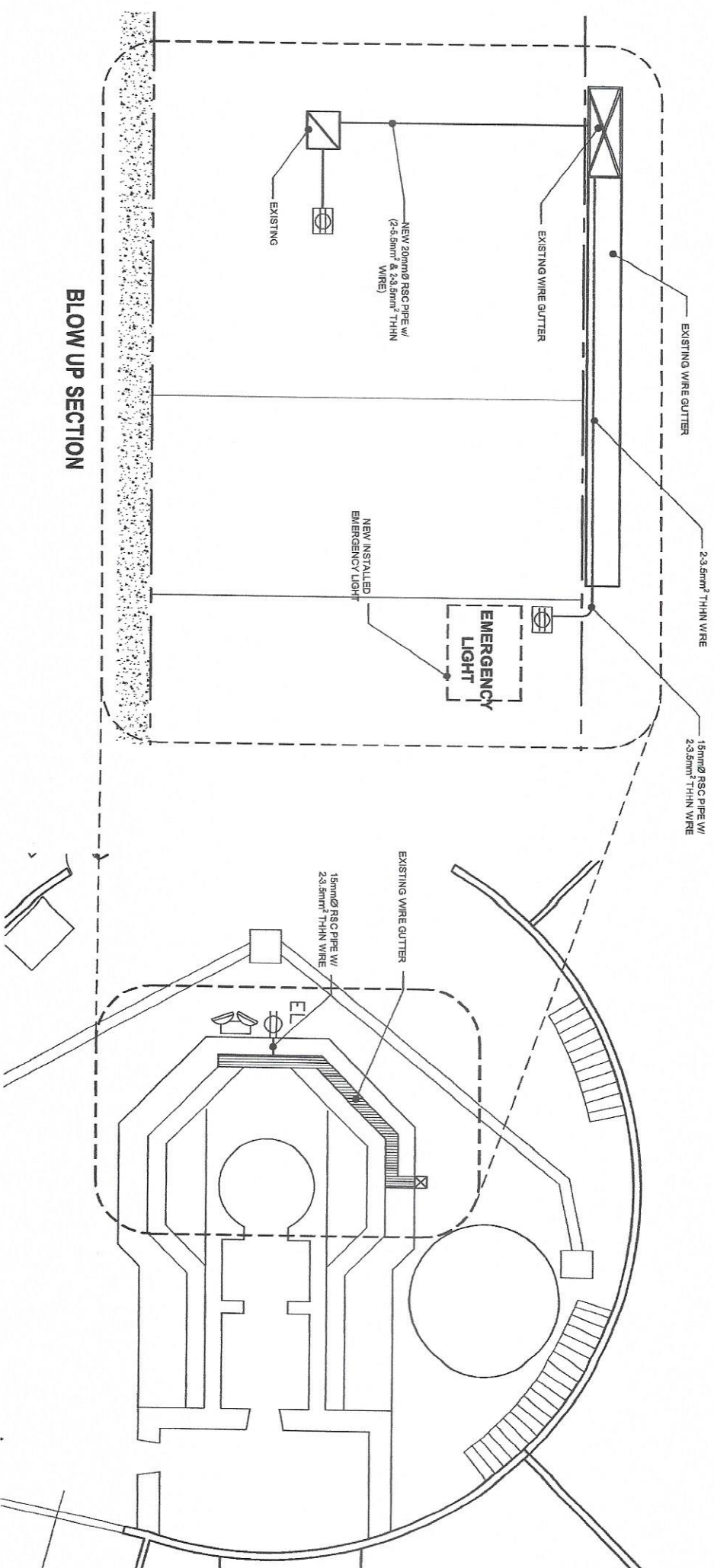
Engr. ARTURO F. SALIH
DEC 16 2003

CARLO A. ARCILLA, Ph. D.
Director

CHECKED BY	
DATE	

E-8

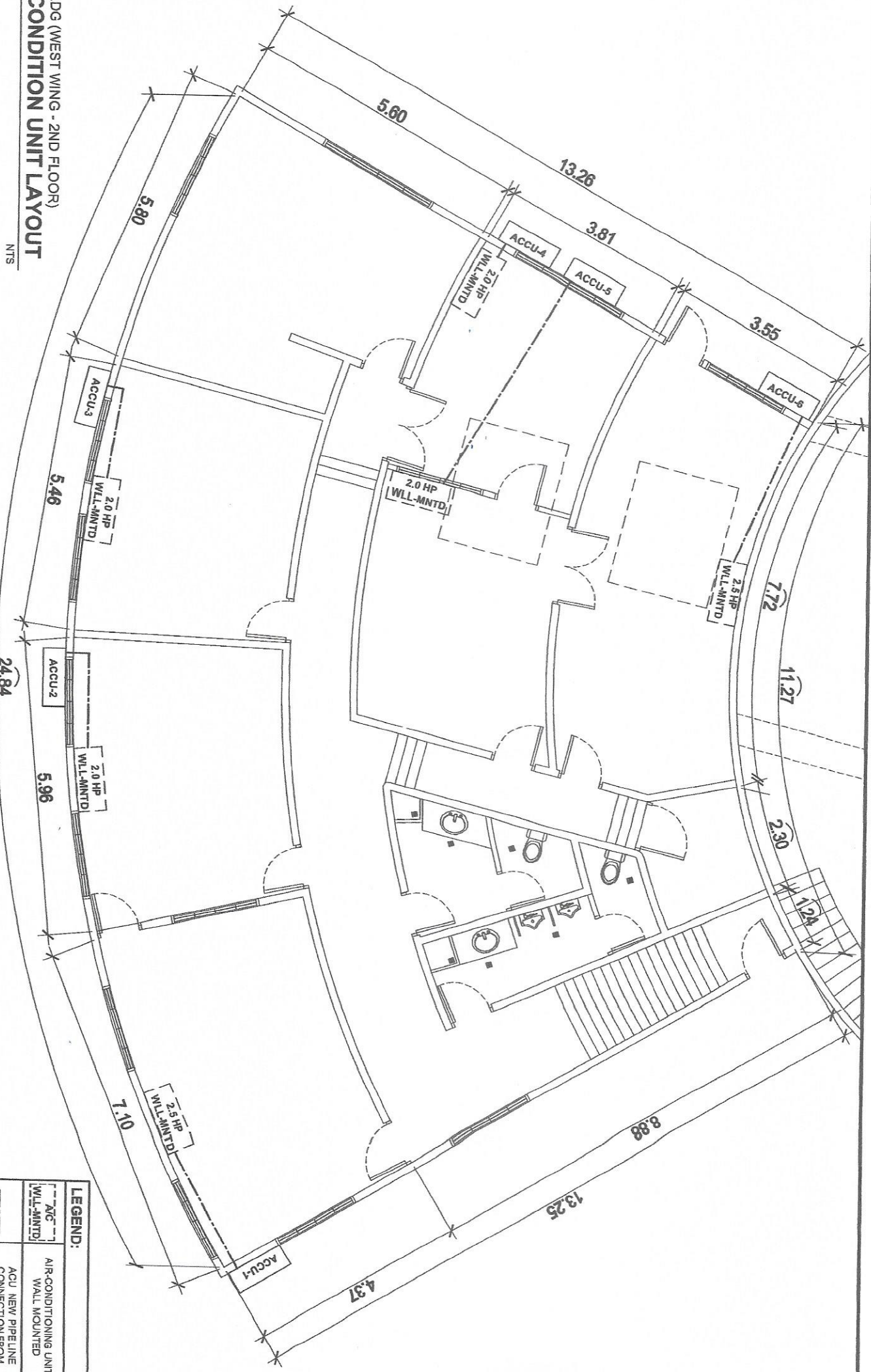
PAGE NO. 1



EMERGENCY LIGHTING LAYOUT - 3

PLAN

ARC. BLDG (WEST WING - 2ND FLOOR)
AIR-CONDITION UNIT LAYOUT
1
SCALE NTS



LEGEND:	
---	AC
---	WLL-MNTD
---	AIR-CONDITIONING UNIT WALL MOUNTED
---	ACU NEW PIPE LINE CONNECTION FROM INDOOR TO OUTDOOR UNIT

PROJECT: UPGRADING OF ARC BLDG. - REACTOR FACILITY (C.Y. 2022)		SHEET CONTENT: ARC BLDG. WEST WING - AIR-CONDITIONING UNIT LAYOUT		PREPARED BY: ENGR. EUGENIO S. GREGORIO ENGR. JUAN M. ALBER V. DANTES		NOTED BY: ENGR. JUAN M. ALBER V. DANTES ENGR. ROSALINDA REYES ENGR. ANDREW C. BARBA		RECOMMENDED APPROVAL: RYAN O. OLIVERA RICHARD P. OLIVERA PREF. ROSA COFINA JESROA P. D.		APPROVED BY: ENGR. ARDITO S. SANTI VALERIE ANN JOHNSON P. D.		DRAWN BY: GENILAZO		SHEET NO.: M-1	
DATE:		PAGE NO.: 1/1		PROJECT NO.:		DRAWN BY: GENILAZO		SHEET NO.: M-1		DATE:		PAGE NO.: 1/1		PROJECT NO.:	

