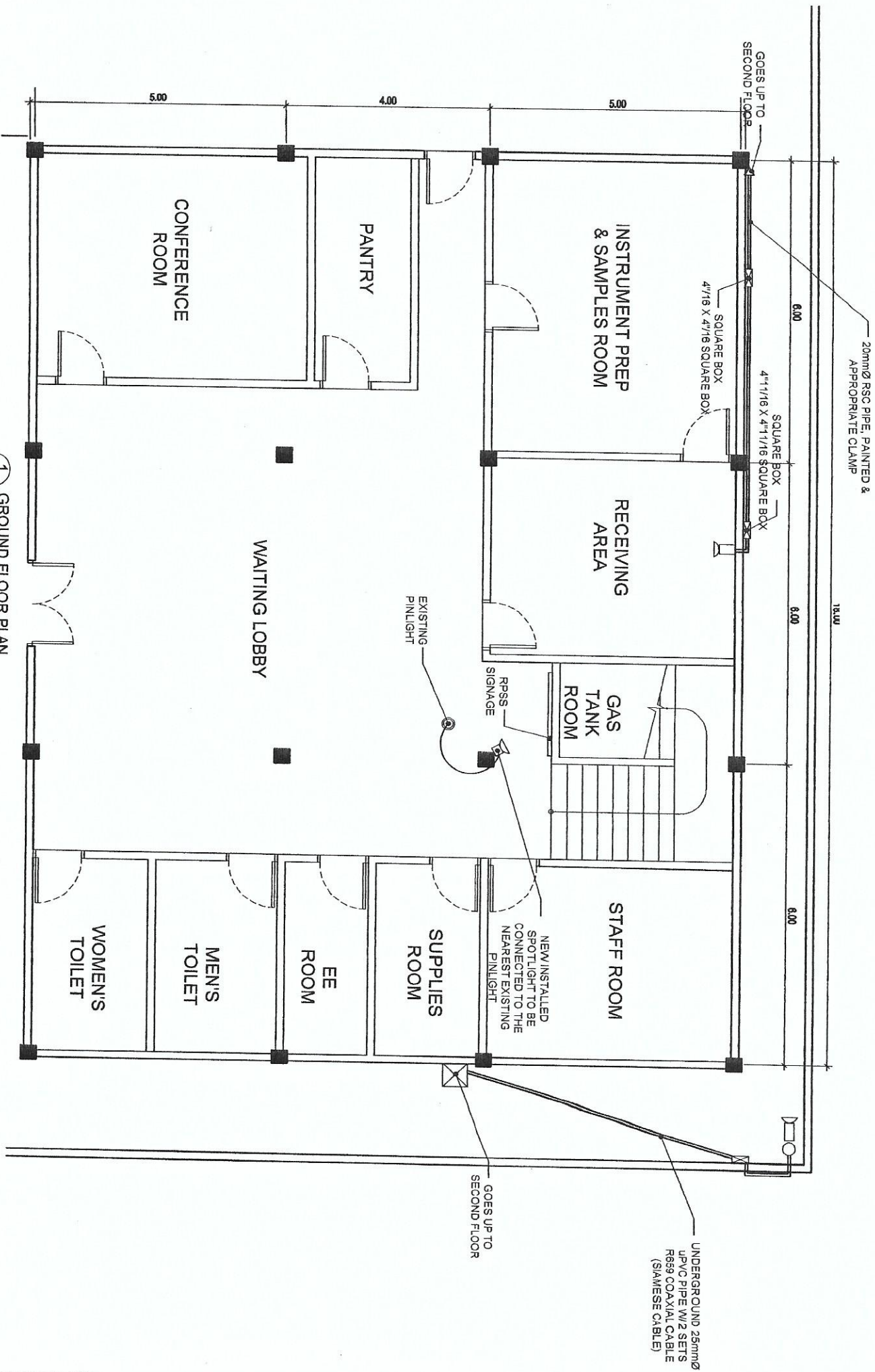




1
GROUND FLOOR PLAN
NTS
SCALE

 Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY PHILIPPINE NUCLEAR RESEARCH INSTITUTE COMMONWEALTH AVENUE, DILIMAN, QUEZON CITY		PROJECT: ESTABLISHMENT OF (2) TWO STOREY RADIATION PROTECTION SERVICES FACILITY (C.Y. 2020)		OWNER: PHILIPPINE NUCLEAR RESEARCH INSTITUTE		SHEET NO. 1	
SCOPE: COMMONWEALTH AVENUE, DILIMAN, QUEZON CITY		SHEET CONTENT: LAYOUT OF SPOTLIGHT, SIGNAGE & CCTV CAMERA		PREPARED BY: ENGR. ROSALINDA REYES ENGR. ADRIAN SALIH Senior Design Engineer		RECOMMENDED BY: KRISTINE MARGED ROMALLOSA PRECIOUS BEA RONA, Ph.D. Chief Designer	
APPROVED BY: CARLO A. ARDILLA, Ph.D. Director		DRAWN BY: GEBILADO		CHECKED BY:		DATE:	
PROJECT NO. 1		SHEET NO. 1		PAGE NO. 1			



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

PROJECT: ESTABLISHMENT OF (2) TWO STOREY RADIATION PROTECTION SERVICES FACILITY (C.Y. 2020)

OWNER: PHILIPPINES NUCLEAR RESEARCH INSTITUTE

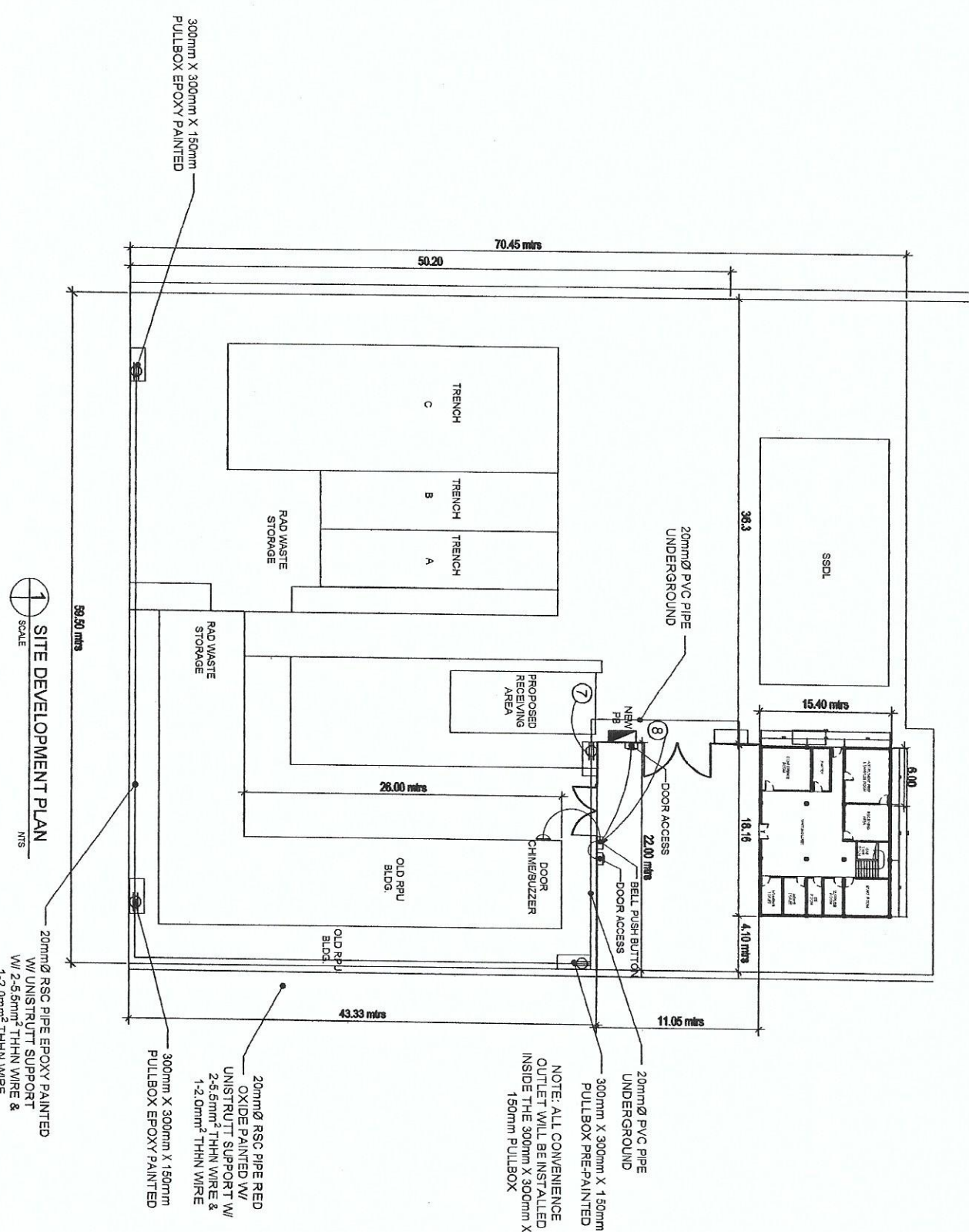
SHEET CONTENT: ELECTRICAL LAYOUT
POWER SUPPLY
CCTV CAMERA & BUZZER

PREPARED BY: EGR. ROSALDO B. DELAS
EGR. ARTURO C. SAH
EGR. JUAN P. DELA CRUZ

RECOMMENDED BY: KRISTINE ALMEDA ROMALLOSA
PRECEDER B. PARRAO, Ph.D.
EGR. FERNANDO T. BALAGA
EGR. JUAN P. DELA CRUZ
SOLEDO S. CASTAÑEDA, Ph.D.

APPROVED BY: CARLO A. FACILIA, Ph.D.
DR. CARLO A. FACILIA

DRAWN BY: GENALDO
CHECKED BY:
DATE:
PAGE NO.:
SHEET NO.:



1 SITE DEVELOPMENT PLAN
SCALE
NTS



ESTABLISHMENT OF (2)
TWO STOREY RADIATION
PROTECTION SERVICES
FACILITY (C.Y. 2020)

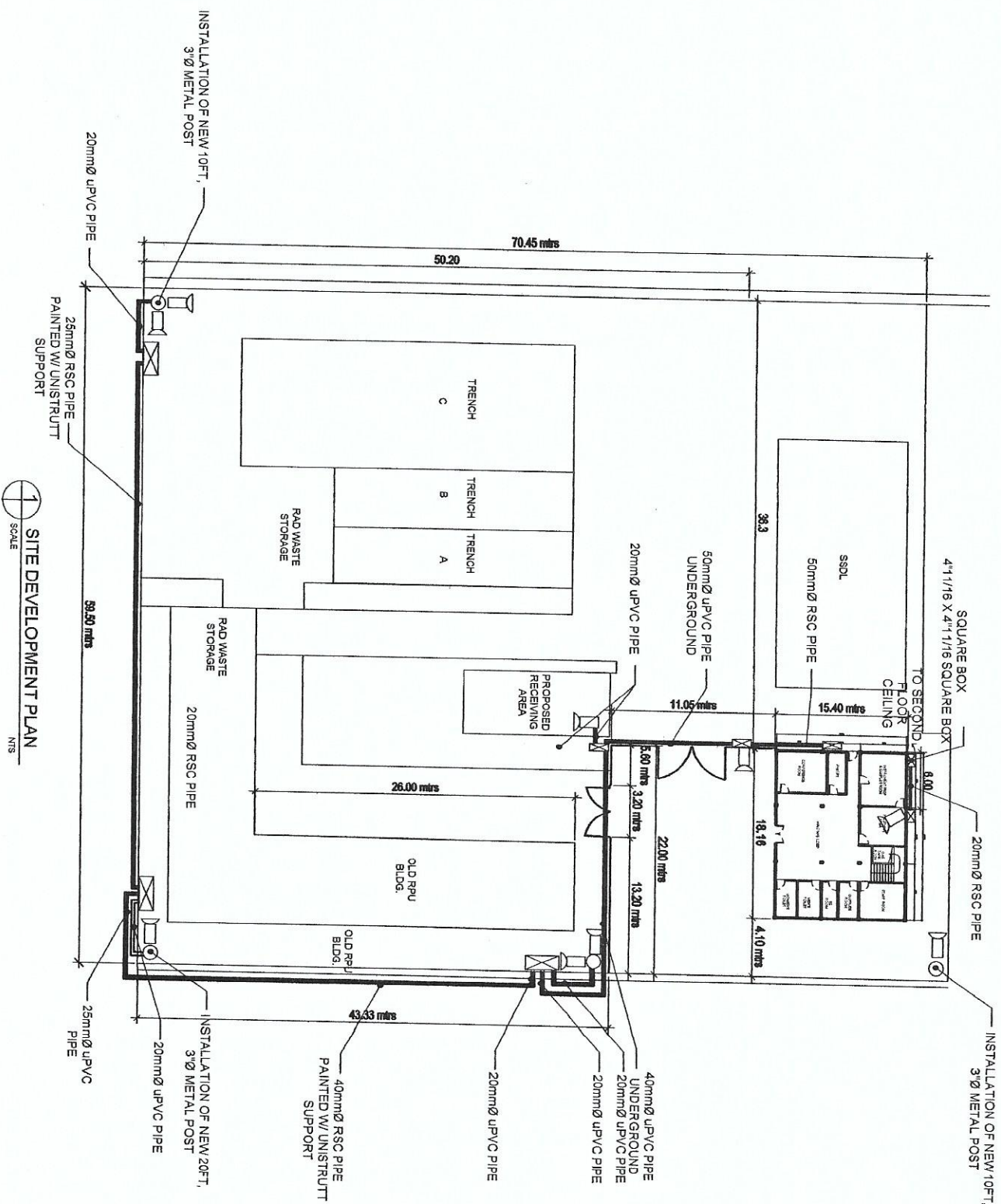
PHILIPPINES NUCLEAR
RESEARCH INSTITUTE

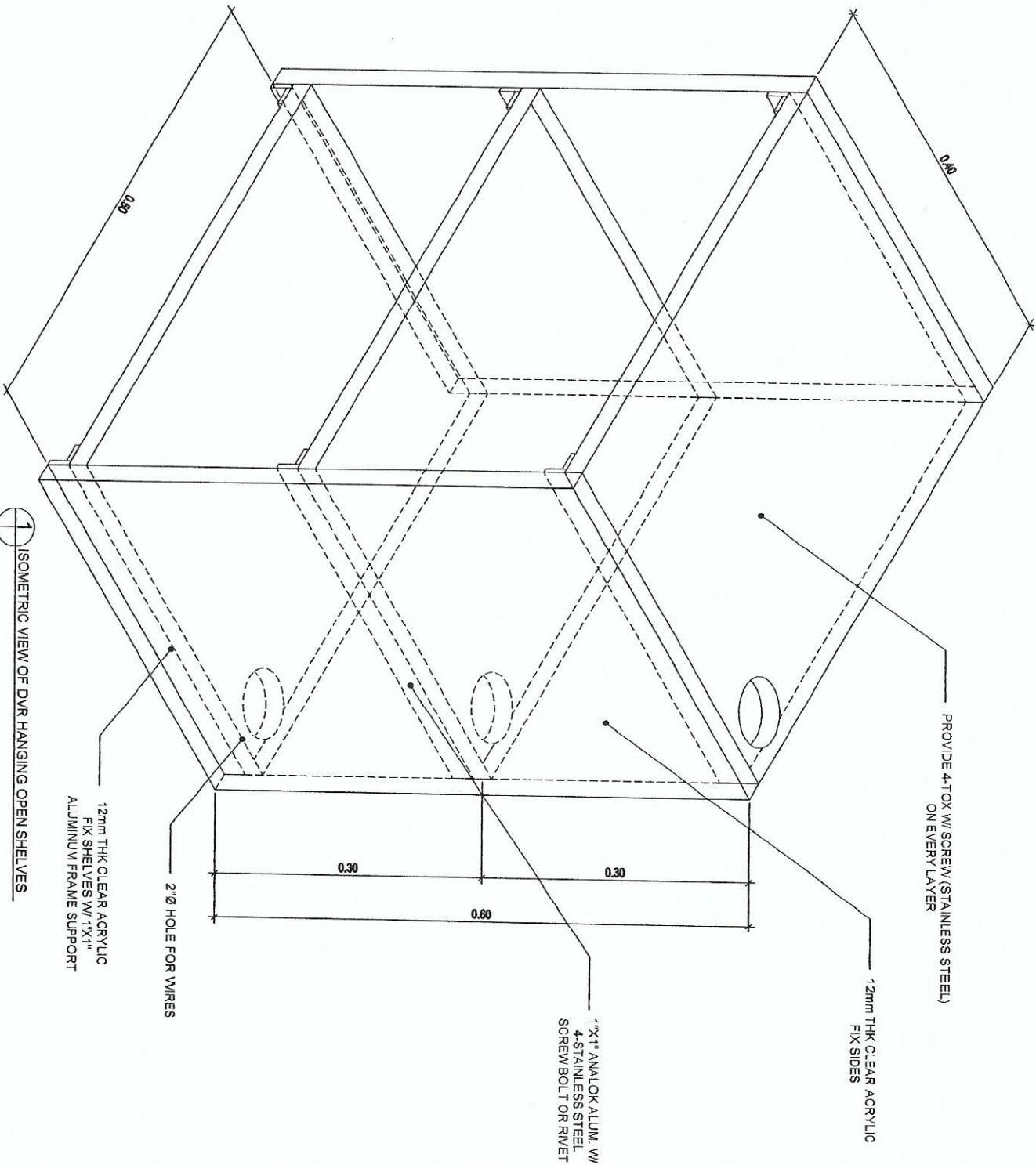
~~Eng. ROSALINO B. REJAS
Senior Science Research Specialist
ENRI ARTURO E. SALIH
Senior Science Research Specialist~~

KRISTINE MAREED ROMANOSA Eng. RENATO T. BANAAGA
 Preciosos, A. Varbanoff, Ph. D. SOLEDAD S. CASTAÑEDA, Ph. D.
 CHAL, NDO

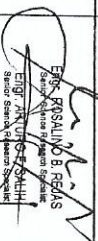
CARLO A. ARCILLA, Ph. D.

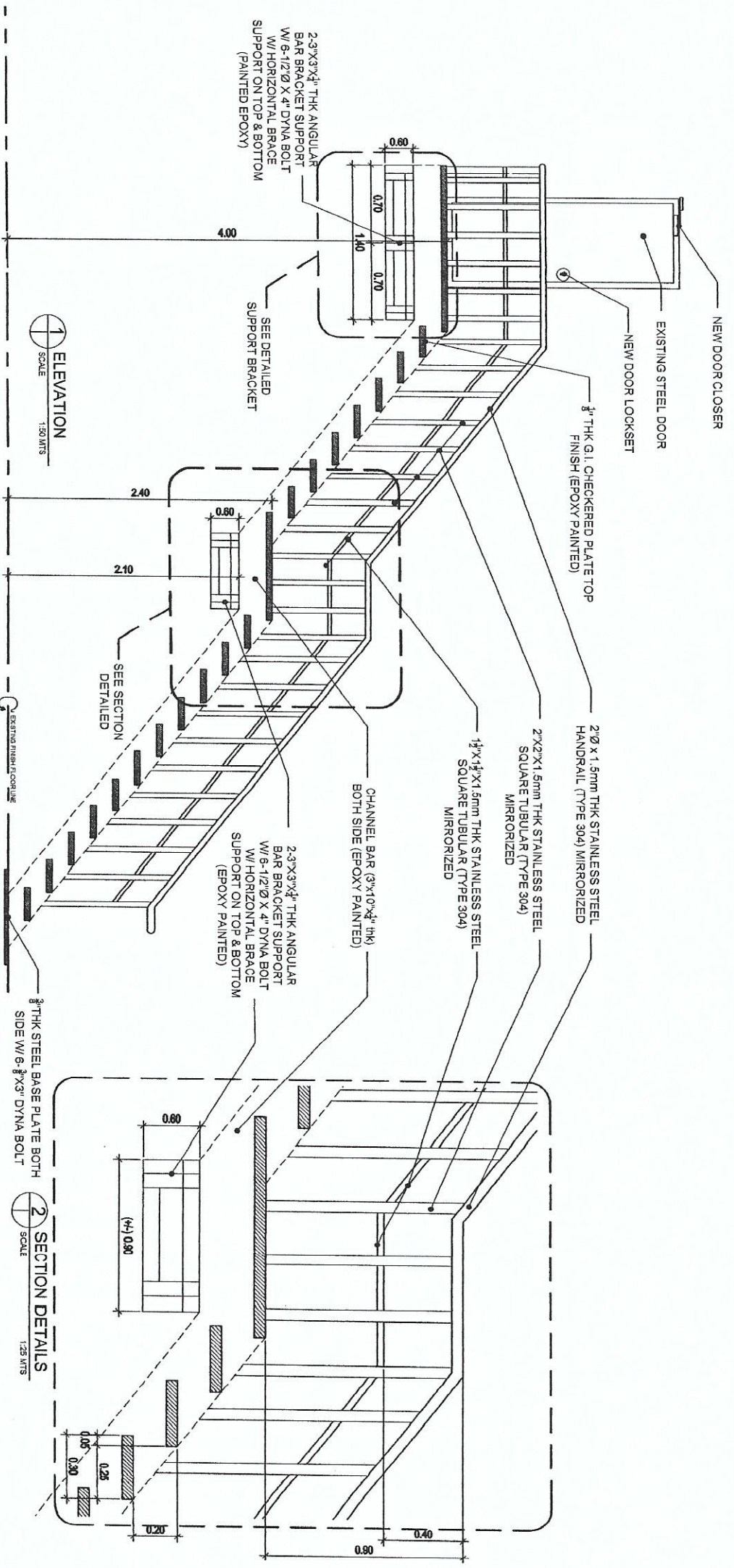
DRAWN BY: GENBLAZO	SHEET NO.
CHECKED BY:	
DATE:	PAGE NO.:
PROJ. NO.:	



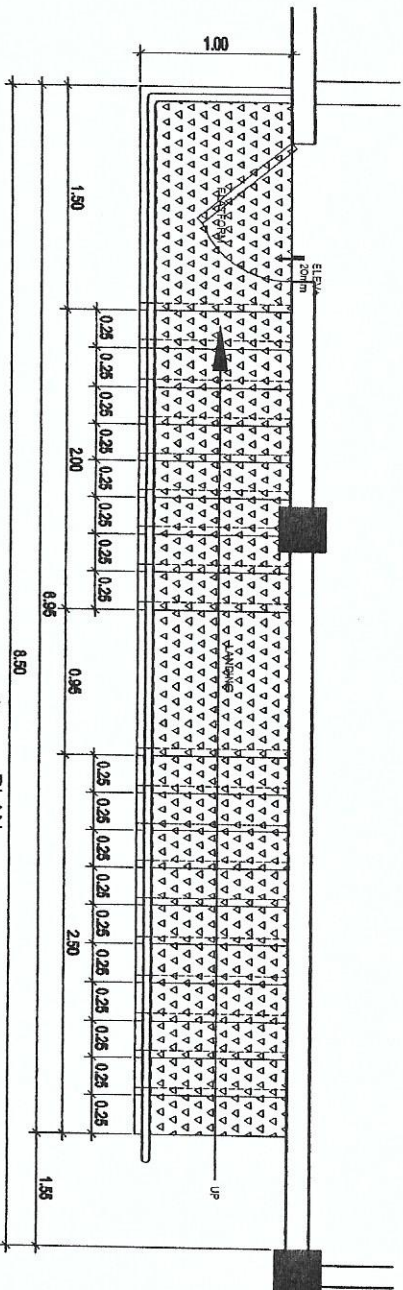


⊕ ISOMETRIC VIEW OF DVR HANGING OPEN SHELVES

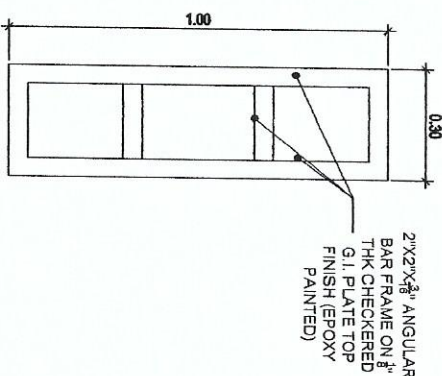
 Republic of the Philippines DEPARTMENT OF SCIENCE AND TECHNOLOGY PHILIPPINE NUCLEAR RESEARCH INSTITUTE CONCORDIA AVENUE, RIZAL, LAGUNA 4101 PROJECT: ESTABLISHMENT OF (2) TWO STOREY RADIATION PROTECTION SERVICES FACILITY (C.Y. 2020)		OWNER: PHILIPPINE NUCLEAR RESEARCH INSTITUTE	SHEET CONTENT: DETAIL OF DVR HANGING OPEN SHELVES	PREPARED BY:  ENGR. ROSALINDA B. SEBAS Engr. (Mechanical Engineering) Rizal Branch, National Science Center	RECOMMENDED APPROVAL:  KRISTINE M. DELA CRUZ Engr. (Mechanical Engineering) Rizal Branch, National Science Center	APPROVED BY:  CARLO A. ARCILLA Ph.D. Director	DESIGN BY: GENIBLAZ	SHEET NO. 1
PROJ. NO. 1		CHECKED BY:	DATE:	PAGE NO. 1				



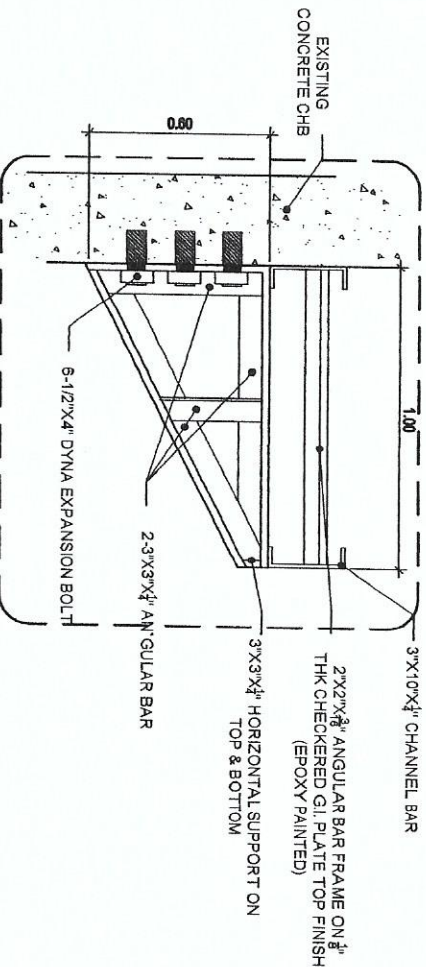
PROJECT	OWNER	SHEET CONTENT	PREPARED BY	RECOMMENDING OFFICE	APPROVED BY	DRAWN BY	CHECKED BY	DATE	SHEET NO.
ESTABLISHMENT OF (2) TWO STOREY RADIATION PROTECTION SERVICES FACILITY (C.Y. 2020)	PHILIPPINE NUCLEAR RESEARCH INSTITUTE	FIRE EXIT FIXED DETAILED OF STAIRS	ENG. RONALDO B. BEAS Senior Engineering Officer (Planning & Design) Senior Engineering Officer (Design)	KRISTINE ROSALLOSA Senior Engineering Officer (Planning & Design) Senior Engineering Officer (Design) PRECIOUS PARRA, Ph.D. Senior Engineer SOLEMD S. CASTANEDA, Ph.D. Chief Engineer	ENG. RENE TOI BANGA Senior Engineering Officer (Planning & Design) Senior Engineering Officer (Design) CARLO A. AROLA, Ph.D. Senior Engineer	JOSEBUJOS			



PLAN
SCALE 1:50 MTS



3 DETAILS OF STEP FRAME
SCALE NTS



2 DETAILS OF SUPPORT BRACKET
SCALE NTS

PROJECT:	OWNER:	SHEET CONTENT:	PREPARED BY:	RECOMMENDING AGENCY:	APPROVED BY:	DRAWN BY:	CHECKED BY:	DATE:	PAGE NO.:	SHEET NO.:
ESTABLISHMENT OF (2) TWO STOREY RADIATION PROTECTION SERVICES FACILITY (C.Y. 2020)	PHILIPPINE NUCLEAR RESEARCH INSTITUTE	FIRE EXIT FIXED DETAILED OF STAIRS	ENGR. ROMAN B. REAS Chief Engineer Department of Science and Technology Philippine Nuclear Research Institute Commonwealth Avenue, Diliman, Quezon City	KRISTINE M. ROMALLOS Engr. ROMAN B. REAS Chief Engineer Department of Science and Technology Philippine Nuclear Research Institute Commonwealth Avenue, Diliman, Quezon City	ENGR. RENE T. BANGA SOLBEN S. CASTAÑEDA, Ph.D. Chief Engineer	CARLO A. ATULLA, Ph.D. Director				



ESTABLISHMENT OF (2)
TWO STOREY RADIATION
PROTECTION SERVICES
FACILITY (C.Y. 2020)

PHILIPPINE NUCLEAR
RESEARCH INSTITUTE

DETAIL OF
TREFOIL COUCH

~~Engr. ROSALINO B. REJAS
Senior Science Research Specialist~~

KRISTINE ~~MAYFIELD~~ ~~ROJALLOSA~~
Enriquez RPS
PRECIOUS B. PABLOA, Ph.D.
Chief

Engr. RENATO T. BAÑAGA
ES9 H42

CARLO A. ARCILLA, Ph. D.

PROJECT

01/19/2015

SHEET CONTENT

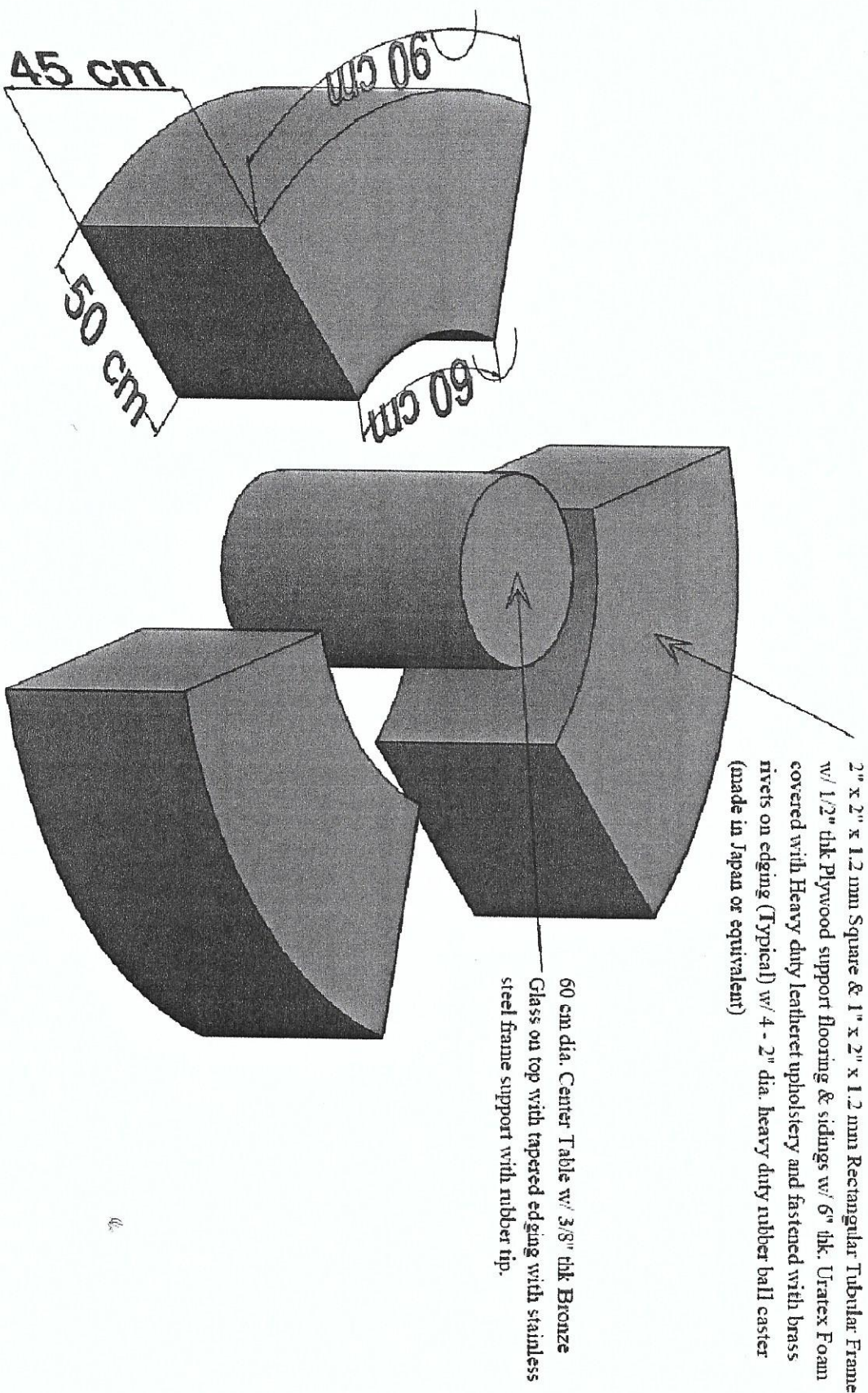
PREPARED BY:

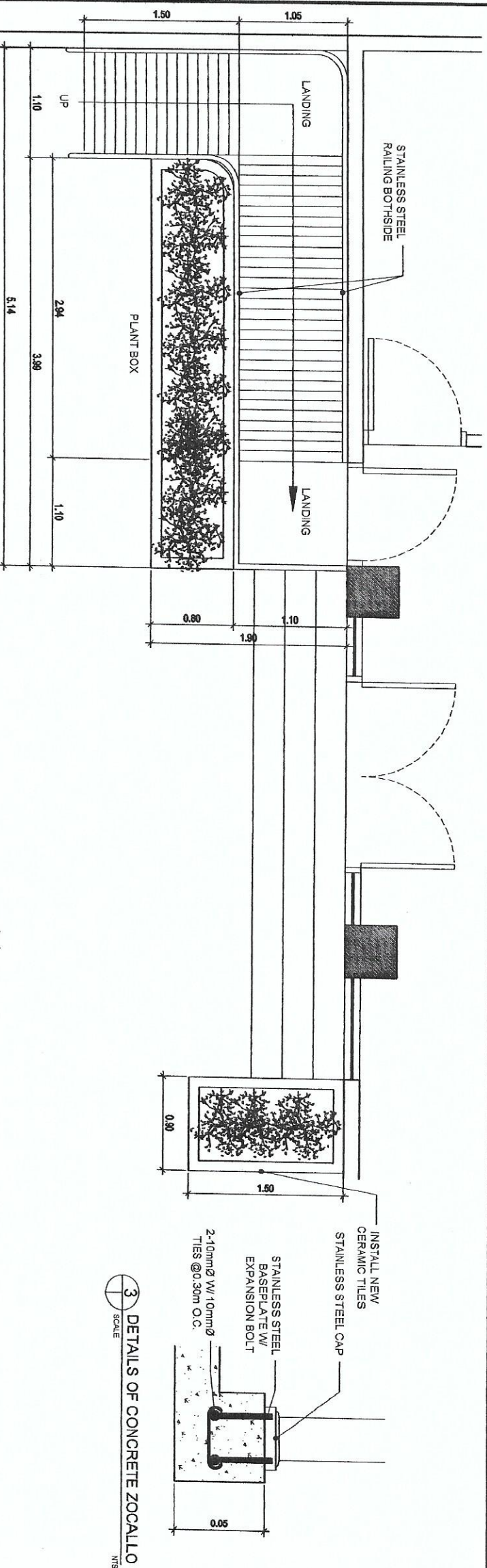
RECOMMENDING AGENCY

APPROVED BY

DRAWN BY: GENIBLAZ

SHEET NO.

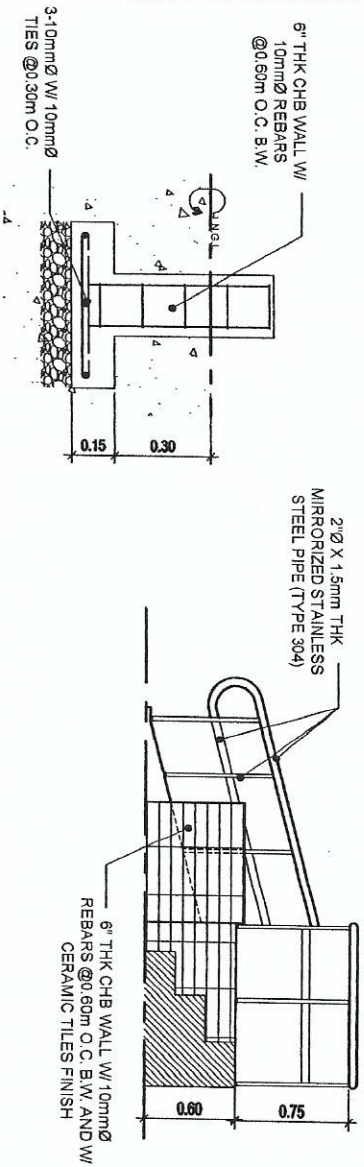




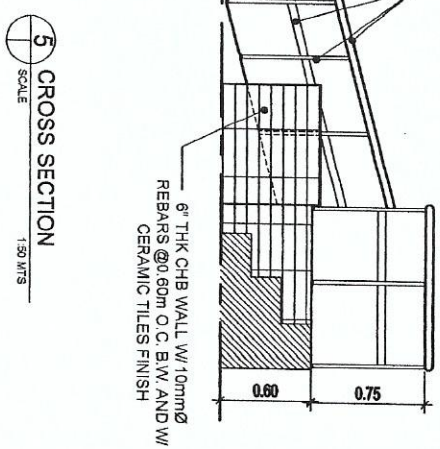
3 DETAILS OF CONCRETE ZOCALLO
SCALE NTS



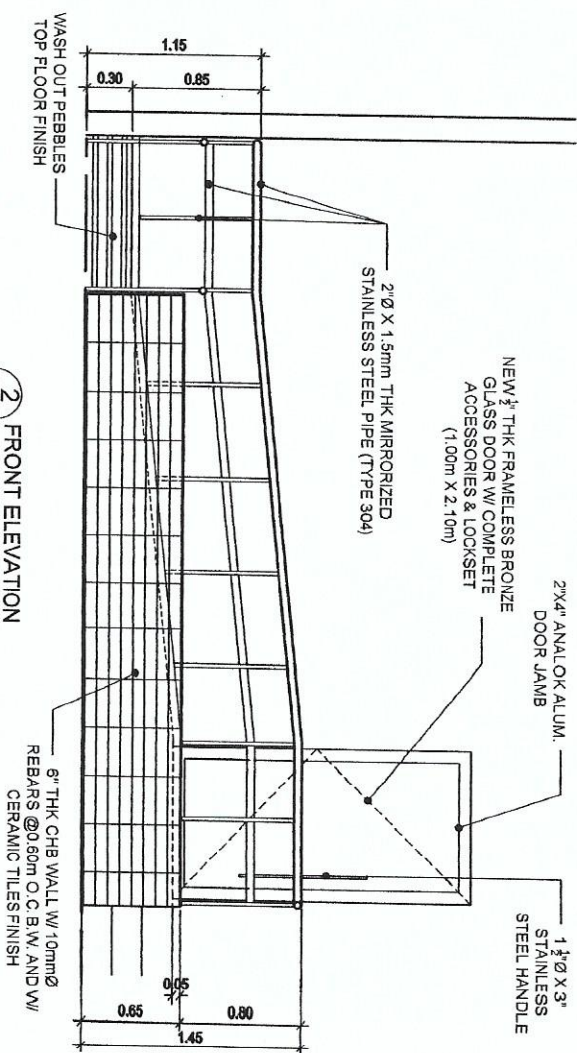
FLOOR LAYOUT
SCALE 1:50 MTS



4 DETAILS OF CHB WALL FOOTING
SCALE NTS



5 CROSS SECTION
SCALE 1:50 MTS



2 FRONT ELEVATION
SCALE 1:50 MTS



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

PROJECT: ESTABLISHMENT OF (2)
TWO STOREY RADIATION
PROTECTION SERVICES
FACILITY (C.Y. 2020)

OWNER: PHILIPPINE NUCLEAR
RESEARCH INSTITUTE

ADDRESS: COMMONWEALTH AVENUE, DILMAN, QUEZON CITY

SHEET NO. 1

OWNER

SHEET CONTENT

PREPARED BY

RECOMMENDING ENGINEER

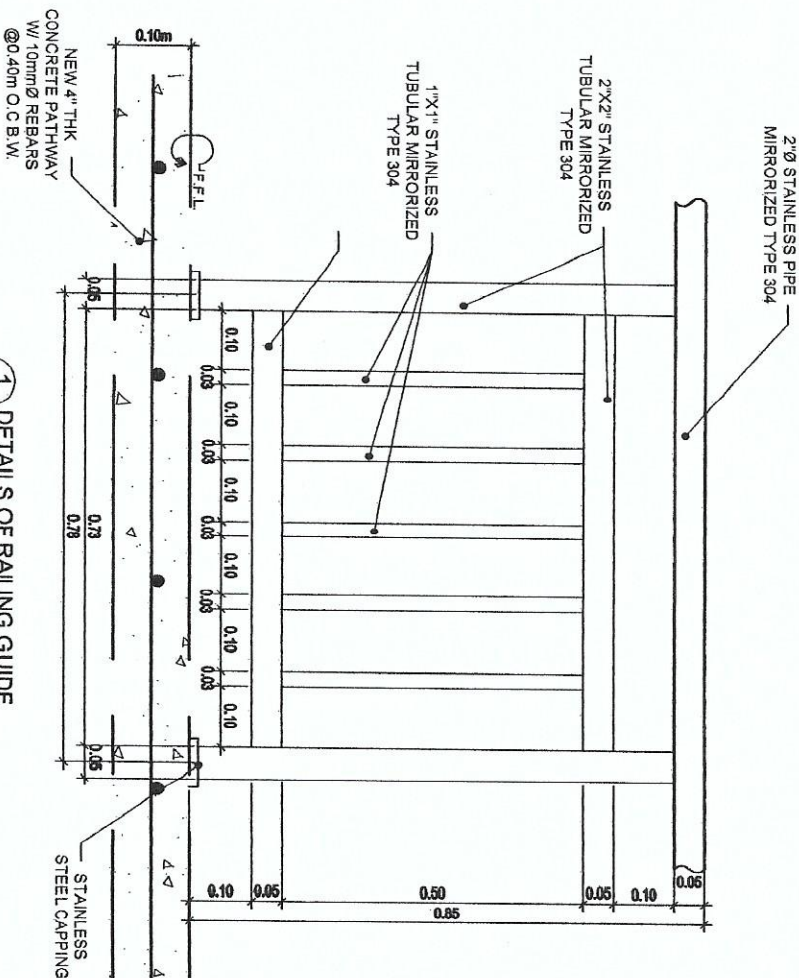
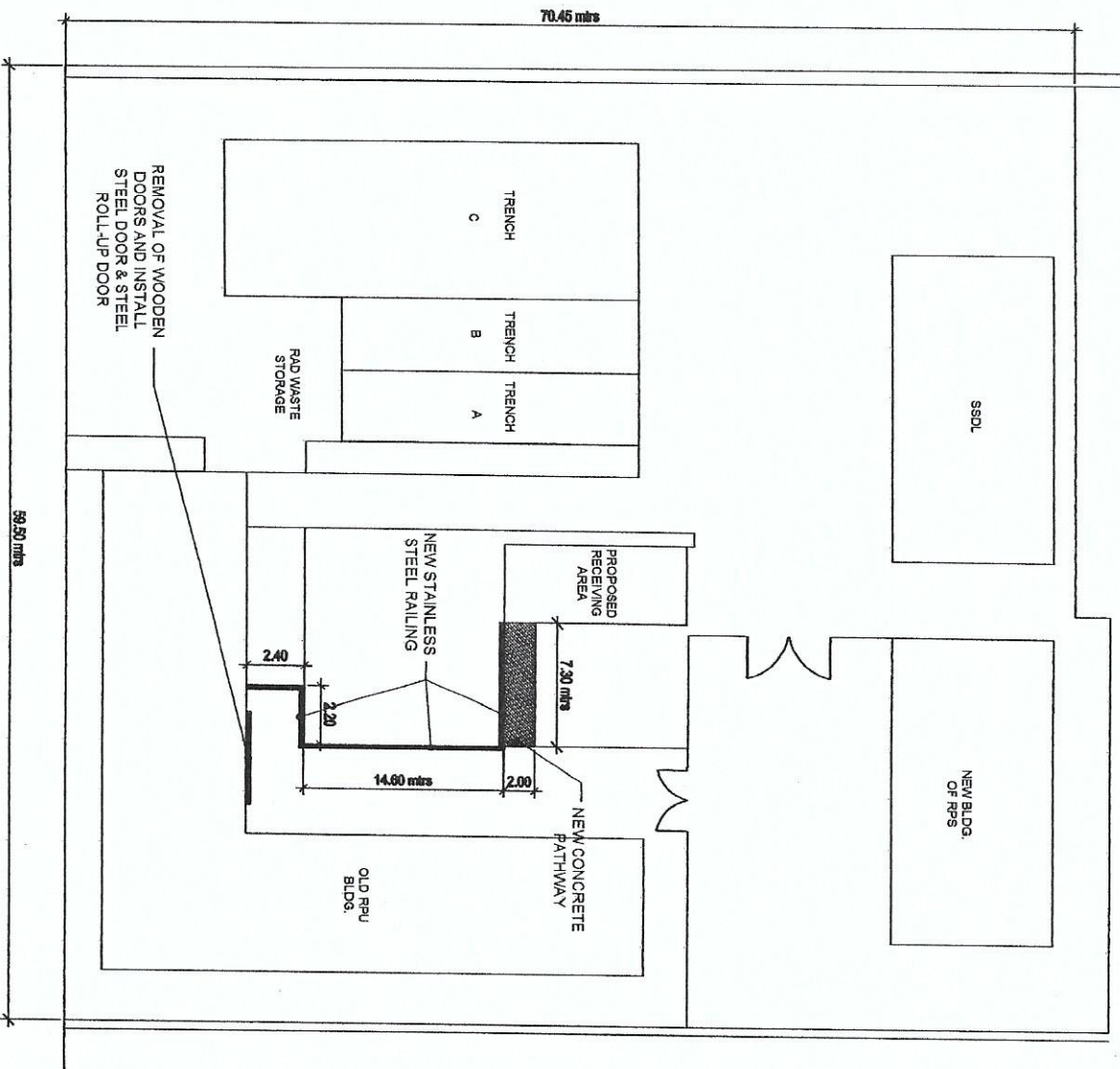
APPROVED BY

DRAWN BY: O. DELA ROSA

CHECKED BY:

DATE:

SHEET NO. 1

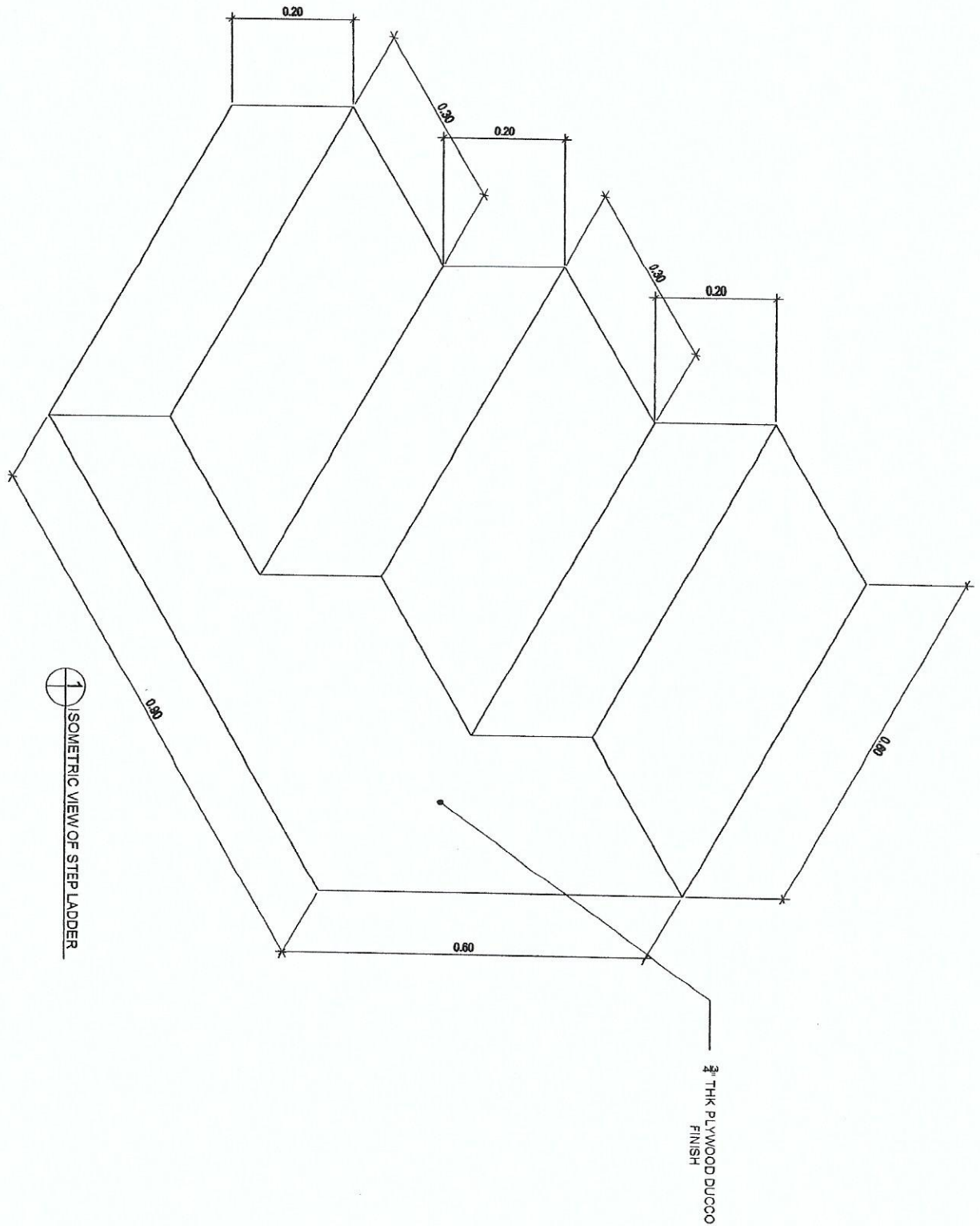


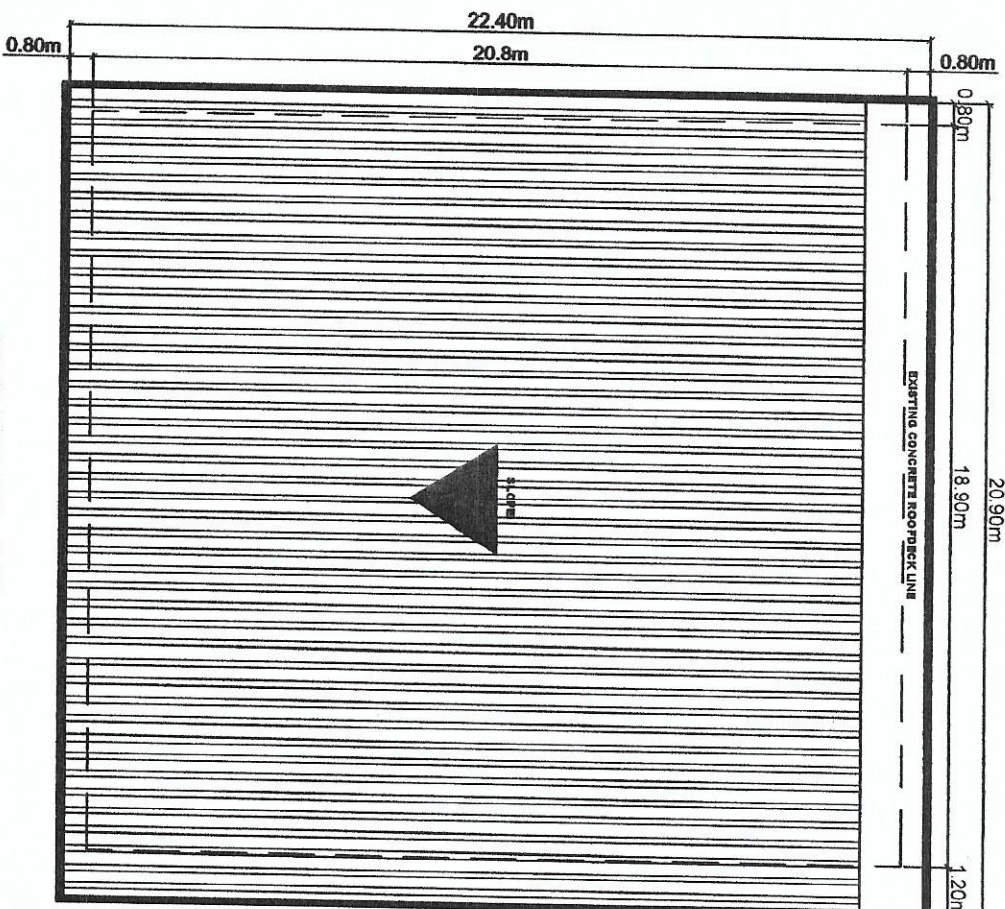
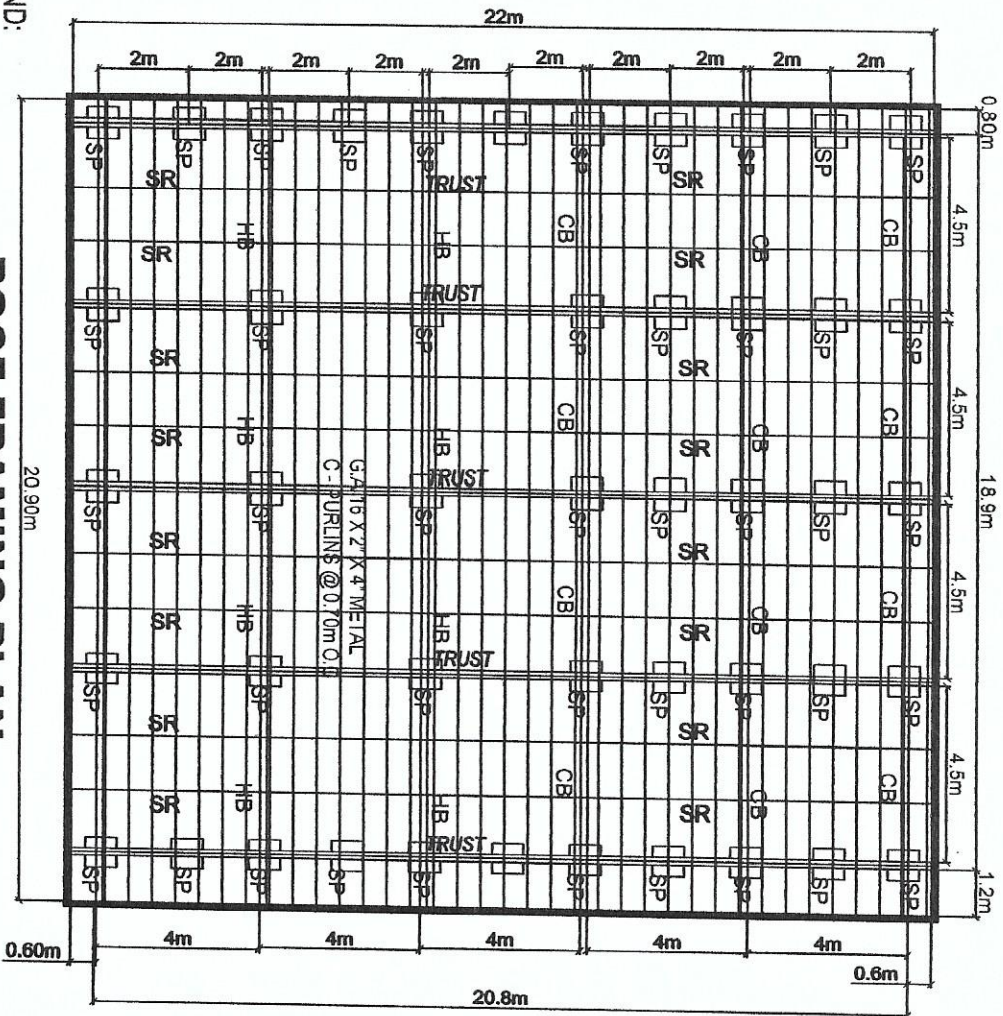
1
SCALE
DETAILS OF RAILING GUIDE
NTS



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

PROJECT	OWNER	SHEET CONTENT	PREPARED BY	RECOMMENDING AGENCY	APPROVED BY	DRAWN BY	SHEET NO.
ESTABLISHMENT OF (2) TWO STOREY RADIATION PROTECTION SERVICES FACILITY (C.Y. 2020)	PHILIPPINE NUCLEAR RESEARCH INSTITUTE	DETAIL OF DVR HANGING OPEN SHELVES	ENG. ROSARIO B. REAS Senior Design Engineer Engineering Division	KRISTINE L. ROMALLOSA Engr. R. B. REAS PRECIOUS B. REASOKA Ph.D. Solemd S. Castaneda Ph.D. Design Director	CARLO A. ARCILLA Ph.D. Director	CHECKED BY: DATE: PROJ. NO.:	





ROOF FRAMING PLAN

ROOF PLAN

- LEGEND:
- CB - Cross Bracing (2" x 2" x $\frac{3}{16}$ " Angular Bar)
 - SR - Sag Rod (12mmØ Plain Round Bar)
 - SP - Steel Plate ($\frac{1}{2}$ " x 12" x 12" MS Plate)
 - HB - Horizontal Brace (2" x 2" x $\frac{3}{16}$ " Angular Bar)



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

PROJECT: ESTABLISHMENT OF (2)
TWO STOREY RADIATION
PROTECTION SERVICES
FACILITY (C.Y. 2020)

OWNER: PHILIPPINE NUCLEAR
RESEARCH INSTITUTE
ADDRESS: COMMONWEALTH AVENUE, DILUAN, QUEZON CITY

SHEET CONTENT: DETAILS OF ROOF PLAN &
ROOF FRAMING PLAN OF
TRENCHES

PREPARED BY: ENGR. ROSARIO B. REYES
ENGR. ARTURO A. SALIN
ENGR. JUAN M. DELA CRUZ

RECOMMENDING APPROVAL: KRISTINE ANTE D. ROMALLOSA
ENGR. JUAN M. DELA CRUZ
PRECIOUS A. PARRON, Ph.D.
SOLEMNO S. CASTANEDA, Ph.D.

APPROVED BY: CARLO A. ASCULLA, Ph.D.
ENGR. JUAN M. DELA CRUZ

CHECKED BY: DATE:

DRAWN BY: GERBILAO

SHEET NO.:



ESTABLISHMENT OF (2)
TWO STOREY RADIATION
PROTECTION SERVICES
FACILITY (C.Y. 2020)

PHILIPPINES NUCLEAR
RESEARCH INSTITUTE

DETAILS OF TRUSS DETAIL OF STEEL PLATE OF TRECHES

KRISTINE MARIE D. ROMALLOSA
English as a Second NPS

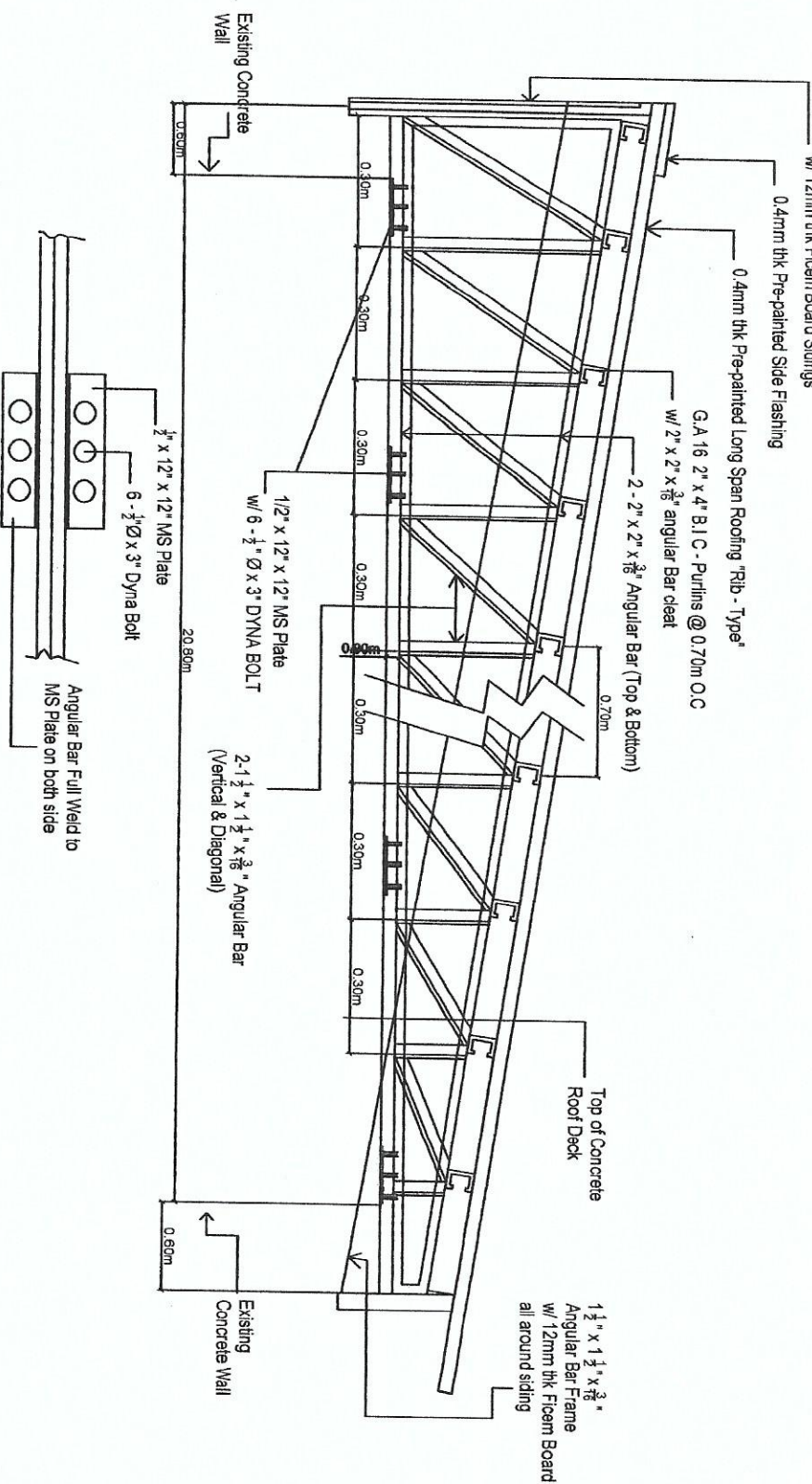
~~PRECIO~~ A B. P. A. R. O. N. H. O. S. O. L E D A D S. C A S T A Ñ E N A. Ph. D.

CARLO A. ARCILLA, Ph. D.

CHECKED BY:

DATE: _____

1 1/2" x 1 1/2" x 3/8" Angular Bar F-race (All around)
w/ 12mm thk Ficom Board Slings



DETAIL OF STEEL PLATE