



















GENERAL NOTES:

- ALL EQUIPMENT SHALL BE INSTALLED IN APPROXIMATE LOCATIONS AS SHOWN IN THE DRAWINGS.
- THE CONTRACTOR MUST SUBMIT SHOP DRAWINGS INDICATING ACTUAL EQUIPMENT DIMENSIONS AND OPERATING WEIGHTS. SUFFICIENT CLEARANCES TO FACILITATE NORMAL SERVICES AND MAINTENANCE WORKS ARE PROVIDED IN THIS DESIGN PLANS. HOWEVER ACTUAL EQUIPMENT PHYSICAL SIZES DIFFER CONSIDERABLY FROM THOSE SHOWN IN THE PLANS. THE CONTRACTOR SHOULD NOTIFY THE ENGINEER IMMEDIATELY IN WRITING.
- THE CONTRACTOR SHOULD COORDINATE HIS WORK CLOSELY WITH THE WORKS OF OTHER TRADES. FAILURE ON THE PART OF THE CONTRACTOR TO MAKE SUCH PROVISIONS IN ADVANCE SHALL MEAN PROVIDING THEM LATER AT HIS OWN EXPENSE.
- USE TYPE "K" OR "L" HARD DRAWN COPPER TUBINGS ONLY.
- ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND CLEAN TO OXYGEN SERVICE.
- DEVIATIONS AND REVISIONS FROM THESE PLAN SHALL BE REFERRED TO THE ENGINEER FOR REVIEW AND APPROVAL.
- ALL NECESSARY GOVERNMENT PERMITS AND LICENSES SHALL BE SECURED AND BORNE BY THE CONTRACTOR.
- ALL WORKS SHALL BE GUARANTEED AGAINST PARTS FAILURE OR MALFUNCTION DUE TO DESIGN, CONSTRUCTION OR INSTALLATION ERRORS, DEFECTIVE WORKMANSHIP AND MISSING OR INCORRECT PARTS FOR A MINIMUM OF ONE (1) YEAR.
- ALL WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE REQUIREMENTS OF THE PHILIPPINE MECHANICAL ENGINEERING CODE, THE NATIONAL BUILDING CODE, THE PHILIPPINE ELECTRICAL CODE AND THE RULES AND REGULATIONS OF THE LOCAL GOVERNMENT UNIT.
- ALL MANIFOLDS, VACUUM PLANT, VALVES, ALARMS, INLET AND OUTLET STATIONS SHALL BE NFPA COMPLIANT, UL LISTED/FM APPROVED AND SHALL BE INSTALLED IN ACCORDANCE TO THE RULES AND REGULATIONS OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 99-2015 CODE FOR HEALTH CARE FACILITIES.
- THE MEDICAL GAS PIPELINE SYSTEM SHALL BE INSTALLED BY A SPECIALTY CONTRACTOR, SUBJECT TO THE APPROVAL OF THE MEDICAL CENTER CHIEF AND/OR THE DIRECTOR OF THE HEALTH FACILITY DEVELOPMENT BUREAU OF THE DEPARTMENT OF HEALTH.

LEGENDS & SYMBOLS			DESCRIPTION
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	NITROGEN PIPE		NITROGEN OUTLET
	OXYGEN PIPE		OXYGEN OUTLET
	MEDICAL AIR PIPE		MEDICAL AIR OUTLET
	MEDICAL VACUUM PIPE		VACUUM INLET
	WASTE ANESTHETIC GAS PIPE (WAGD)		WAGD INLET
	MEDICAL AIR INTAKE		PARTICULATE COALESCING FILTER
	VACUUM EXHAUST PIPE		PRESSURE INDICATOR
	ZONE VALVE WITH ALARM		ZONE VALVE WITH ALARM
			MEDICAL GAS RISER

LEGEND

- 1 BUILDING I

1.1 GROUND FLR.-PRIVATE ROOMS

1.2 SECOND FLR.-WARD

1.3 THIRD FLR.-WARD

2 BUILDING II

2.1 GROUND FLOOR

2.2 SECOND FLOOR

2.3 THIRD FLOOR

2.3.1 DOCTORS ROOMS

2.3.2 DOCTORS ROOMS

2.3.3 DOCTORS ROOMS

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- 3 BUILDING II

3.1 GROUND FLR.-PEDIATRIC WARD

3.2 SECOND FLR.-OB-GYN WARD

3.3 THIRD FLR.-SURGICAL WARD

3.4 ELEVATORS

3.5 STOREY MULTI-SPECIALTY BLDG

3.6 PROPOSED NEW EMERGENCY COMPLEX

3.7 PROPOSED MEDICAL IMAGING BLDG

3.8 PROPOSED ASTOREY OR COMPLEX

3.9 PROPOSED MEDICAL WARD BLDG

3.10 PROPOSED INFECTIOUS DISEASE BLDG

3.11 PROPOSED NEW LAUNDRY BLDG

12 PROPOSED DRYING AREA

13 SEWAGE TREATMENT PLANT

14 PROPOSED MOTORPOOL/ENGINEERING BLDG

15 ELEVATED WATER TANK

16 DIETARY BUILDING

17 ACCOUNTING/PERSONNEL

18 INTENSIVE CARE UNIT

19 OPD RECORDS

20 BAC OFFICE

21 PROPOSED TB WARD BLDG

22 POWERHOUSE/GENSET

23 GENSET HOUSING 1

24 CANTEN

25 PROPOSED PSYCHIATRIC BLDG

26 PROPOSED PUMPHOUSE

27 PROPOSED TB DOT'S CLINIC

28 HEMODIALYSIS CLINIC

29 POWERHOUSE/GENSET

30 BUSINESS ARENA/MASTERS AREA

31 CT SCAN AREA

32 WAREHOUSE

33 PROPOSED NEW CANTEN

34 SUPPLY OFFICE AND STORAGE

35 PEDIATRIC BUILDING

36 WASH AREA

37 RED CROSS BUILDING

38 PROPOSED MULTI-PURPOSE HALL

39 MORGUE

40 PHYSICAL THERAPY/REHAB CLINIC

41 PROPOSED OXYGEN PLANT

42 BMS BUILDING

43 PROPOSED WASTE HOLDING AREA

44 PROPOSED WASTE TREATMENT AREA

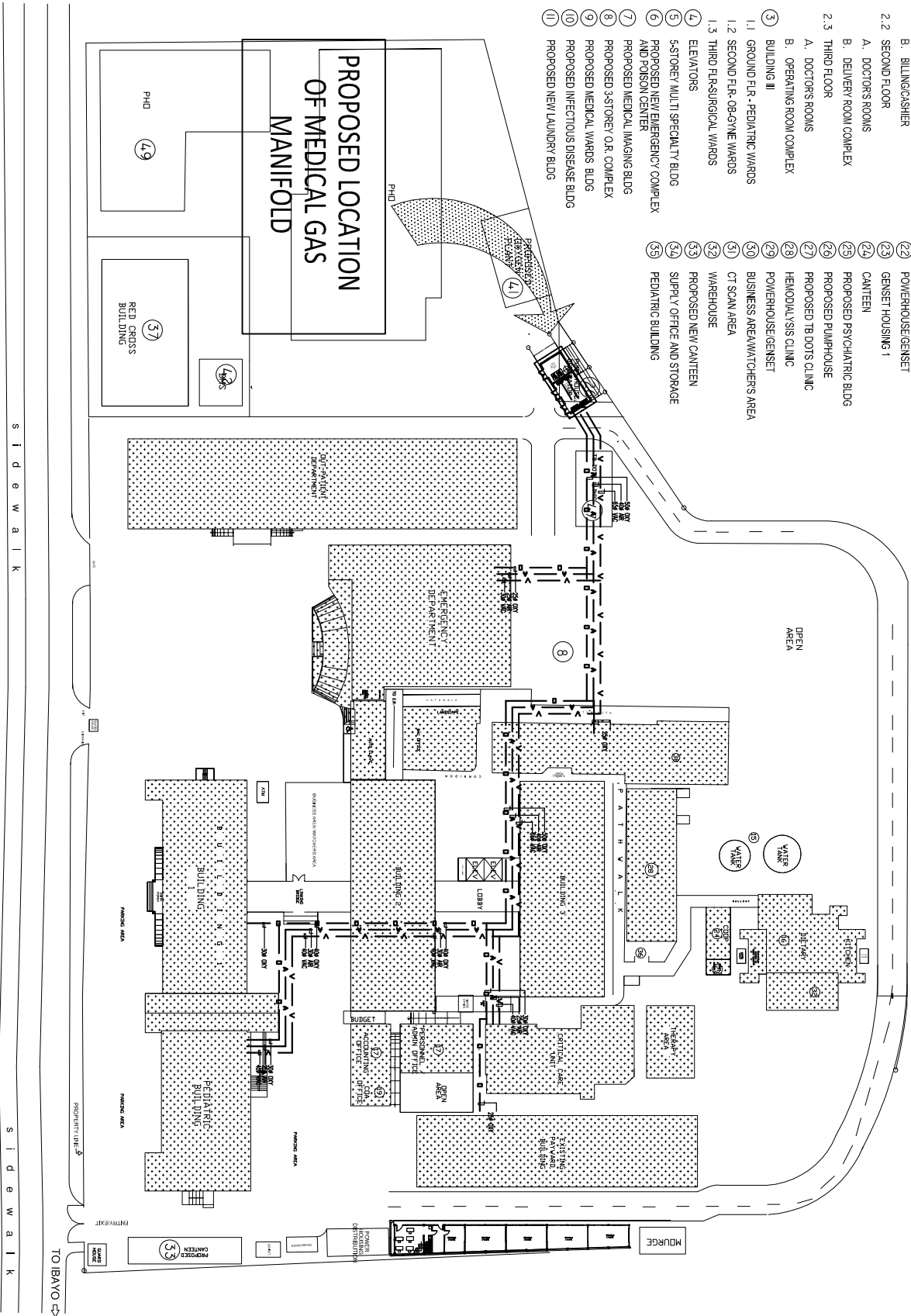
45 PROPOSED NEW WAREHOUSE

46 PROPOSED PARKING AREA

47 PROPOSED NEW TB DOT'S CLINIC

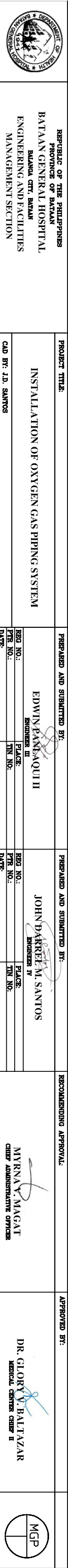
48 PROPOSED CANCER CENTER

49 PROPOSED RECEPTION AREA



SITE DEVELOPMENT PLAN
SCALE 1:1000

	REPUBLIC OF THE PHILIPPINES PROVINCE OF BATAN BATAN GENERAL HOSPITAL BATAAN CITY, BATAN ENGINEERING AND FACILITIES MANAGEMENT SECTION	PROJECT TITLE: INSTALLATION OF OXYGEN GAS PIPING SYSTEM	PREPARED AND SUBMITTED BY: EDWIN PANLAQUIN II ENGINEER III	PREPARED AND SUBMITTED BY: JOHN DARRIEL M. SANTOS ENGINEER IV	RECOMMENDING APPROVAL: MYRNA V. MAGAT CHIEF ADMINISTRATIVE OFFICER	APPROVED BY: DR. CLORY V. BALTAZAR MEDICAL CENTER CHIEF II	
			REG. NO.: PTR. NO.: DATE:	REG. NO.: PTR. NO.: DATE:			



PROJECT TITLE: **INSTALLATION OF OXYGEN GAS PIPING SYSTEM**


CAD BY: **J.D. SANTOS**

PREPARED AND SUBMITTED BY: *[Signature]*

JOHN DARRELL M. SANTOS
ENGINEER IV

REG. NO.:	PLACE:
PTR NO.:	TIN NO.:
DATE:	

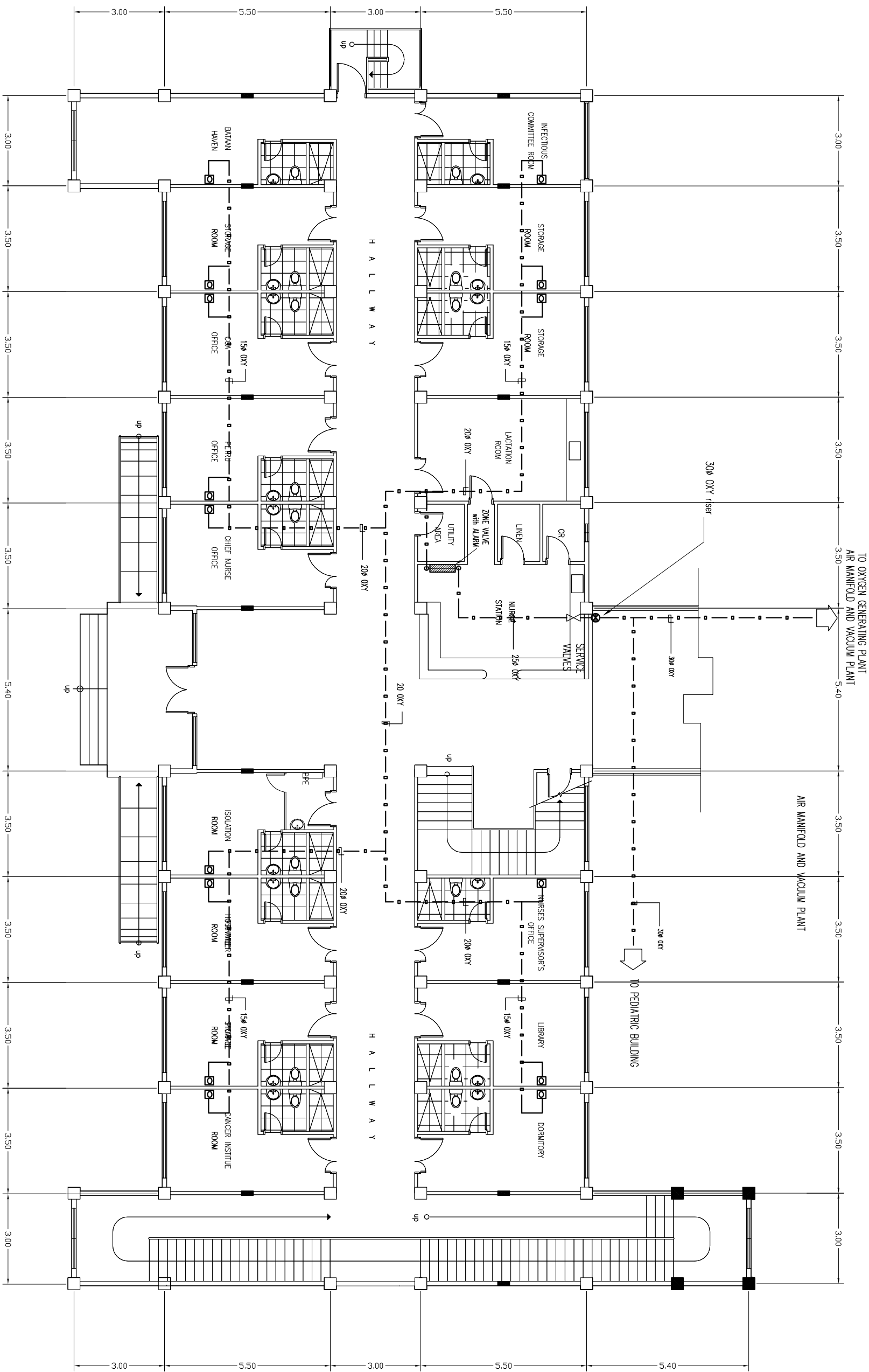
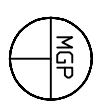
RECOMMENDING APPROVAL:



MYRNA Y. MAGAT
CHIEF ADMINISTRATIVE OFFICER

APPROVED BY:

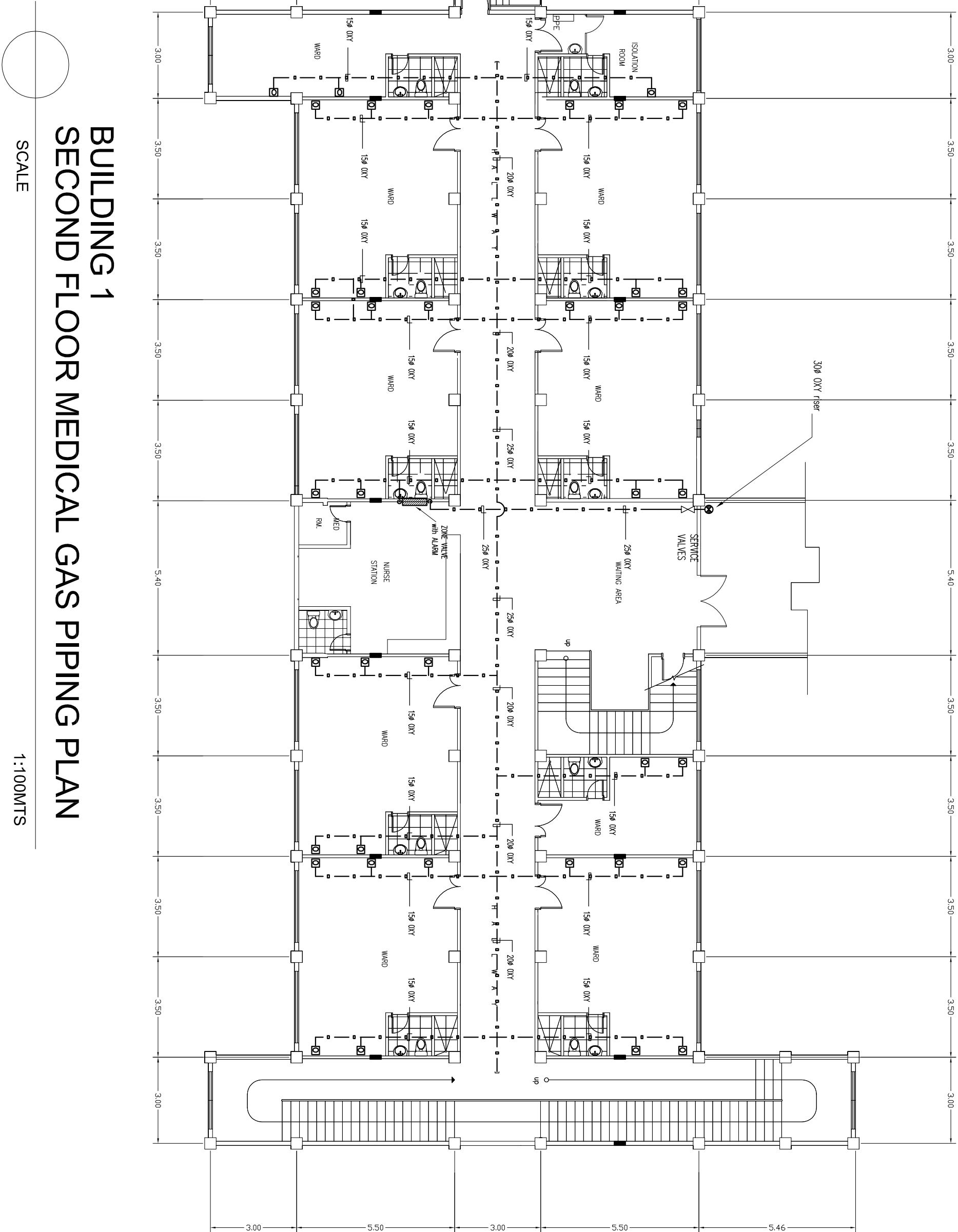
DR. GLORY V. BALTAZAR
MEDICAL CENTER CHIEF II



BUILDING I GROUND FLOOR MEDICAL GAS PIPING PLAN

SCALE

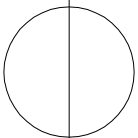
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BUILDING 1
SECOND FLOOR MEDICAL GAS PIPING PLAN

SCALE

1:100MTS



<div><div>REPUBLIC OF THE PHILIPPINES PROVINCE OF BATAN BATAN GENERAL HOSPITAL BALARA CRT. BATAN ENGINEERING AND FACILITIES MANAGEMENT SECTION</div></div>										PROJECT TITLE: INSTALLATION OF OXYGEN GAS PIPING SYSTEM		PREPARED AND SUBMITTED BY: <div>EDWIN PANAQUILLI ENGINEER III</div>		PREPARED AND SUBMITTED BY: <div>JOHN DARRIEL M. SANTOS ENGINEER IV</div>		RECOMMENDING APPROVAL: <div>MYRNA V. MAGAT CHIEF ADMINISTRATIVE OFFICER</div>		APPROVED BY: <div>DR. CLORY V. BALTAZAR MEDICAL CENTER CHIEF II</div>		<div></div>	
CAD BY: J.D. SANTOS		REQ. NO.: PTR. NO.: DATE:		REQ. NO.: PTR. NO.: DATE:		REQ. NO.: PTR. NO.: DATE:															




REPUBLIC OF THE PHILIPPINES
PROVINCE OF BATANAN
BATANAN GENERAL HOSPITAL
BALANGA CITY, BATANAN
ENGINEERING AND FACILITIES
MANAGEMENT SECTION

PROJECT TITLE:	INSTALLATION OF OXYGEN GAS PIPING SYSTEM
CAD BY: J.D. SANTOS	

PREPARED AND SUBMITTED BY:	
EDWIN PANTIAQUITH III ENGINEER III	
REG. NO.:	PLACE:
PTR. NO.:	TIN. NO.:
DATE:	

PREPARED AND SUBMITTED BY:		 JOHN D. BARRET M. SANTOS ENGINEERS IV	
REG. NO.:		PLACE:	
PTR. NO.:		TIN NO.:	
DATE:			

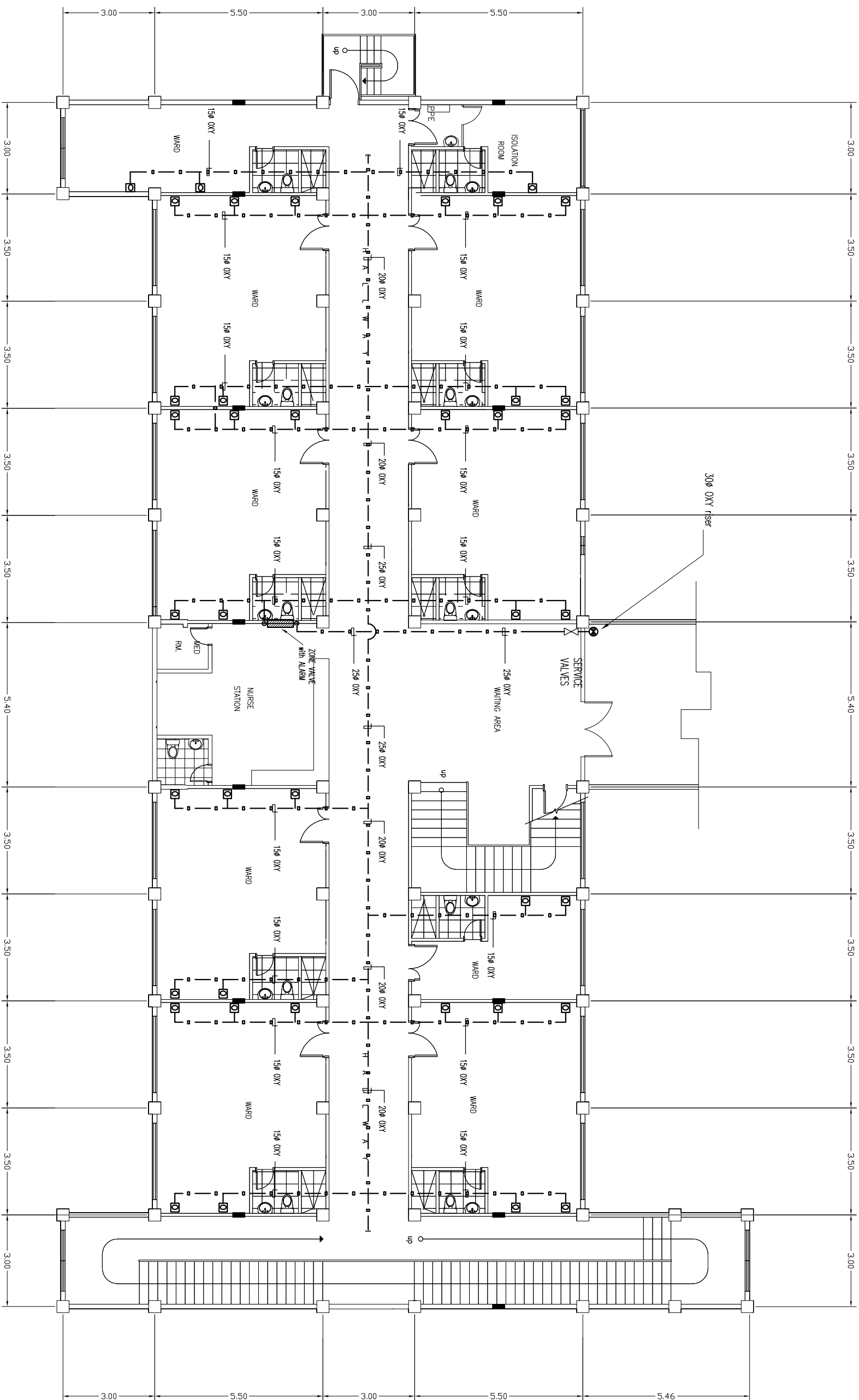
RECOMMENDING APPROVAL:



MYRNA Y. MAGAT
CHIEF ADMINISTRATIVE OFFICER

APPROVED BY: _____

DR. GLORY V. BALTAZAR
MEDICAL CENTER CHIEF II



BUILDING 1 THIRD FLOOR MEDICAL GAS PIPING PLAN


SCALE

1:100MTS



REPUBLIC OF THE PHILIPPINES
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BATANAN GENERAL HOSPITAL
BALANGA CITY, BATANAN
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PROJECT TITLE:	INSTALLATION OF OXYGEN GAS PIPING SYSTEM
CAD BY: J.D. SANTOS	


PREPARED AND SUBMITTED BY:	
 EDWIN PANTIAQUIH III ENGINEER III	
REG. NO.:	PLACE:
PTR NO.:	TIN NO.:
DATE:	

AND SUBMITTED BY: _____

JOHN DARREL M. SANTOS
ENGINEER IV

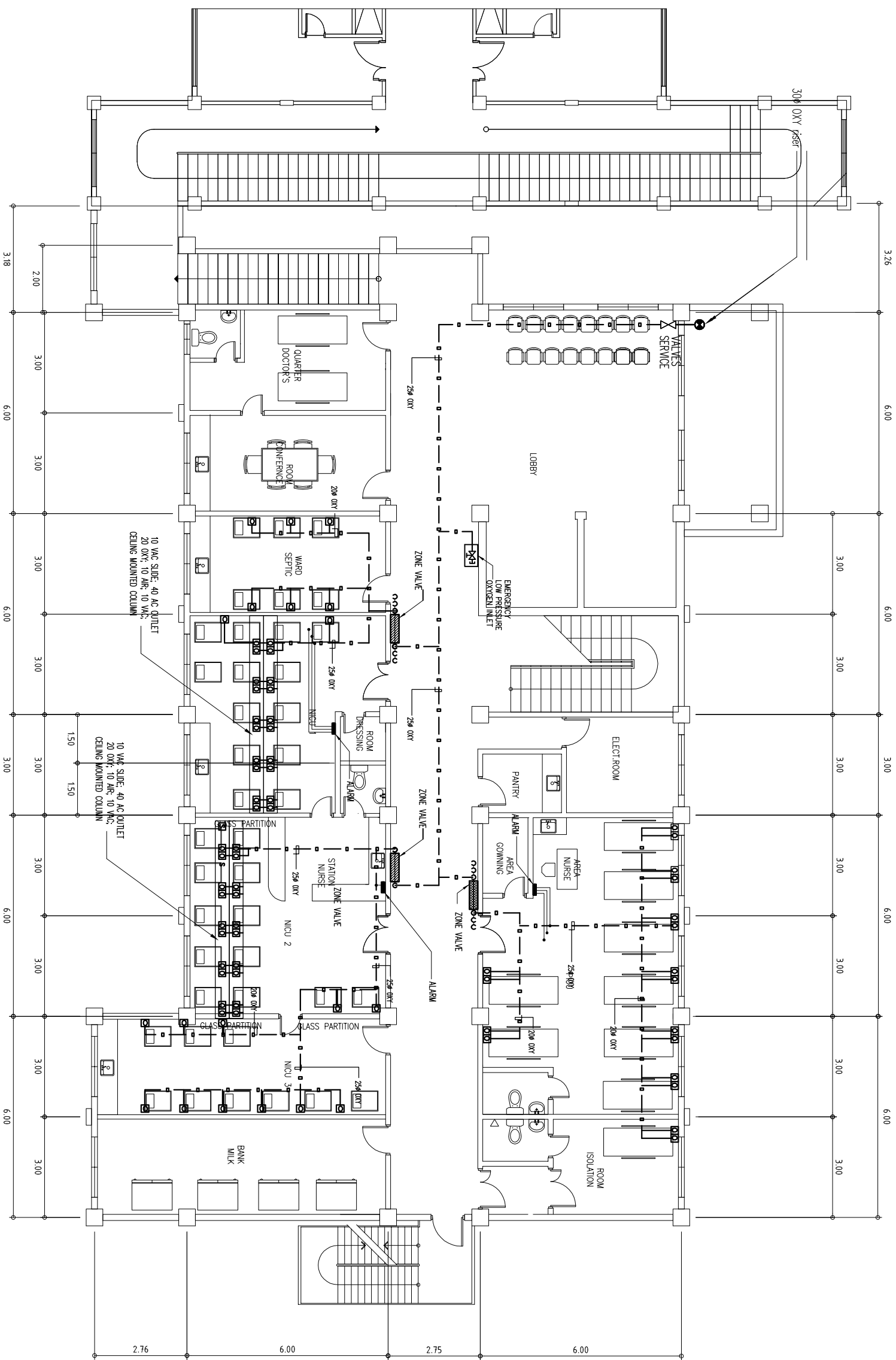
PLACE:	
TIN NO.:	

RECOMMENDING APPROVAL:


MYRNA Y. MAGAT
CHIEF ADMINISTRATIVE OFFICER

APPROVED BY:

DR. GLORY V. BALTAZAR
MEDICAL CENTER CHIEF II



PEDIATRIC BUILDING SECOND FLOOR MEDICAL GAS PIPING PLAN

SCALE

1:100MTS



**REPUBLIC OF THE PHILIPPINES
PROVINCE OF BATAN
BATAN GENERAL HOSPITAL
BALANGA CITY, BATAN
ENGINEERING AND FACILITIES
MANAGEMENT SECTION**


PROJECT TITLE:	INSTALLATION OF OXYGEN GAS PIPING SYSTEM
CAD BY: J.D. SANTOS	

PREPARED AND SUBMITTED BY:	
EDWIN PANTUAQUIM ENGINEER III	
REG. NO.:	PLACE:
PTR NO.:	TIN NO.:
DATE:	


PREPARED AND SUBMITTED BY:			
REG NO.:		PLACE:	
PTR NO.:		TIN NO.:	
DATE:			

JOHN DARREL M. SANTOS
ENGINEER IV

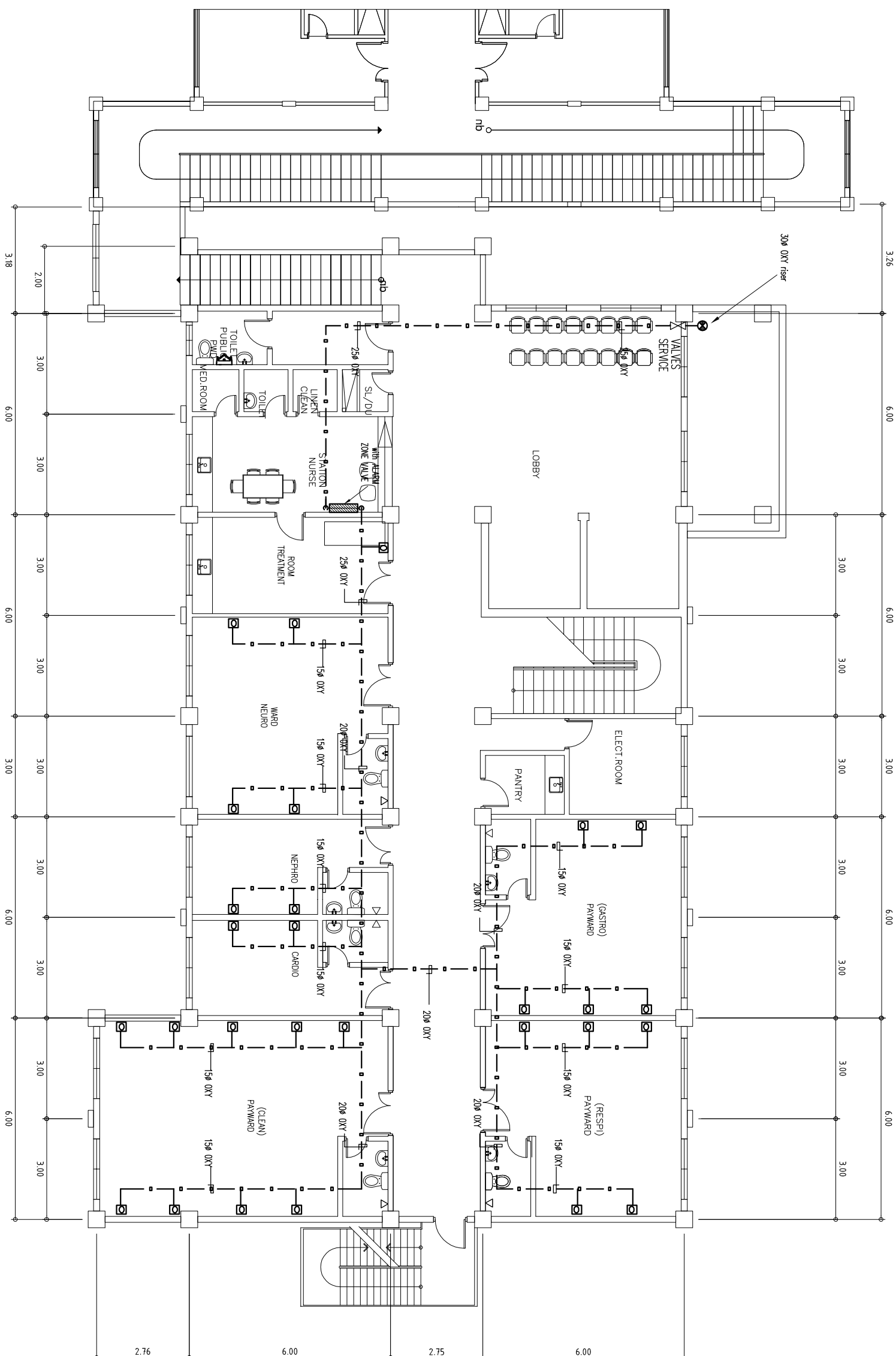
RECOMMENDING APPROVAL:



MYRNA V. MAGAT
CHIEF ADMINISTRATIVE OFFICER

APPROVED BY: 

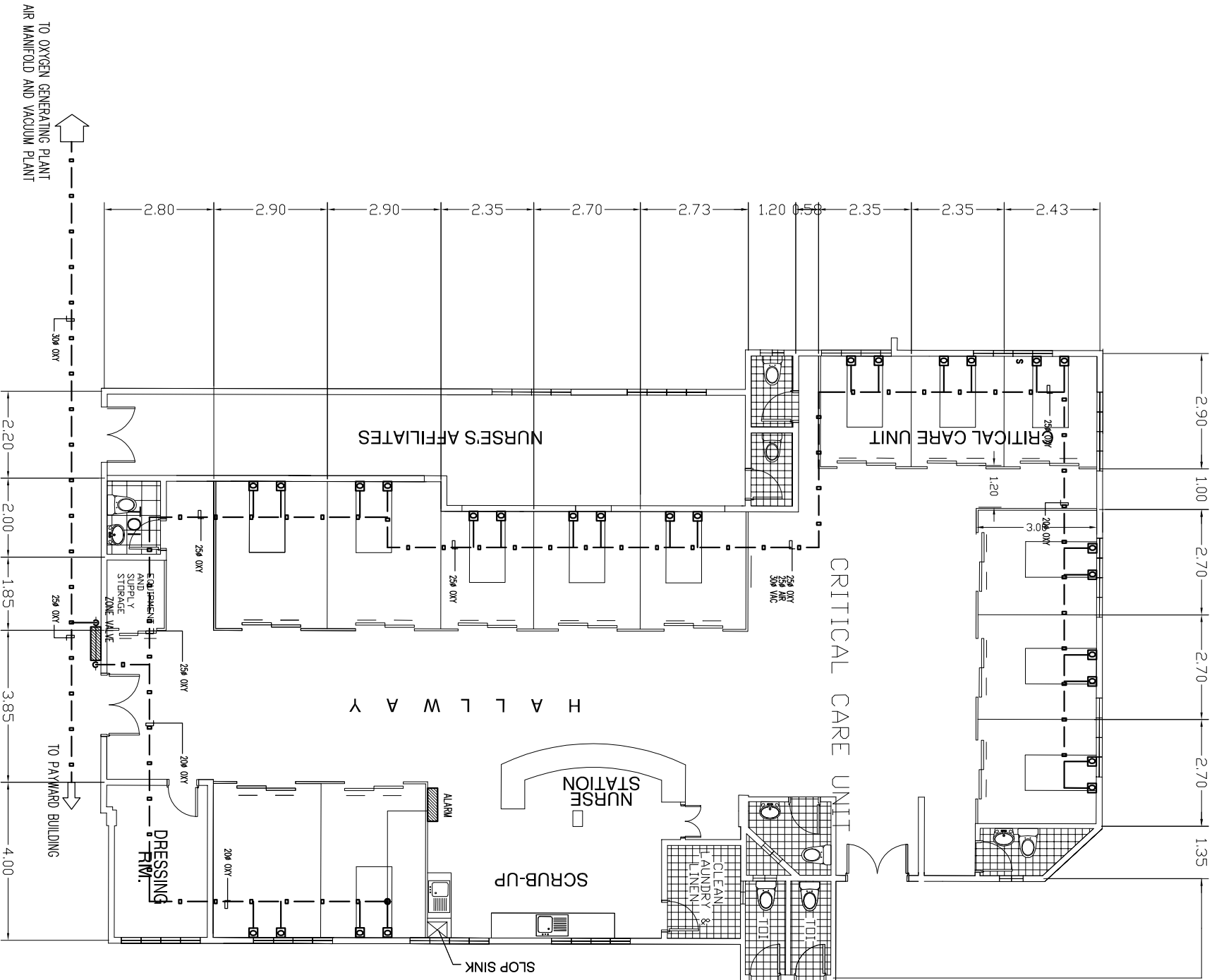
DR. GLORY V. BALTAZAR
MEDICAL CENTER CHIEF II



PEDIATRIC BUILDING THIRD FLOOR MEDICAL GAS PIPING PLAN

SCALE

1:100MTS




TO OXYGEN GENERATING PLANT
AIR MANFOLD AND VACUUM PLANT

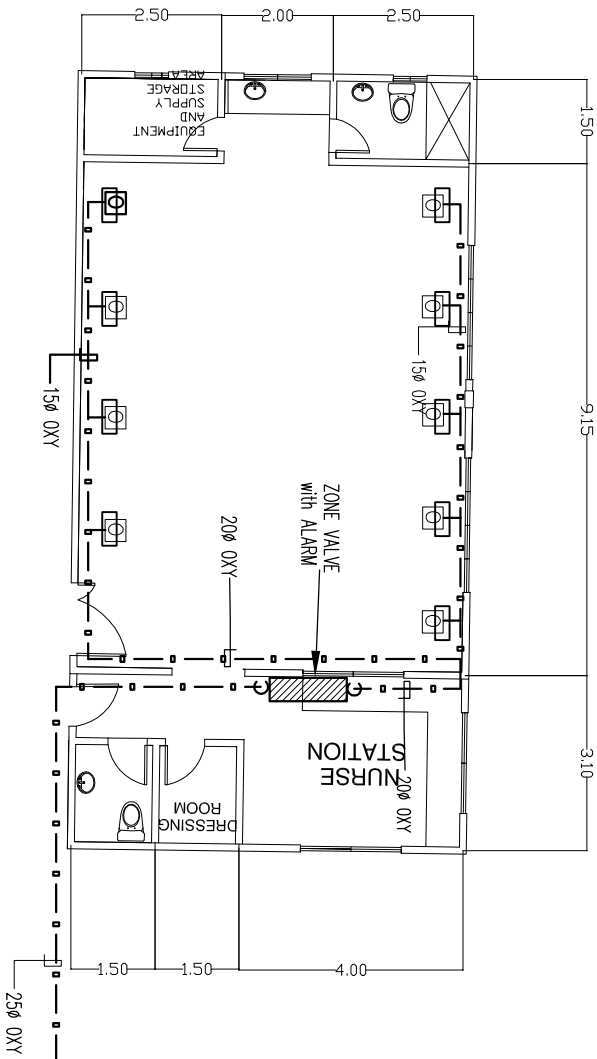
TO PAYWARD BUILDING

CORONARY/INTENSIVE CARE UNIT MEDICAL GAS PIPING PLAN

SCALE

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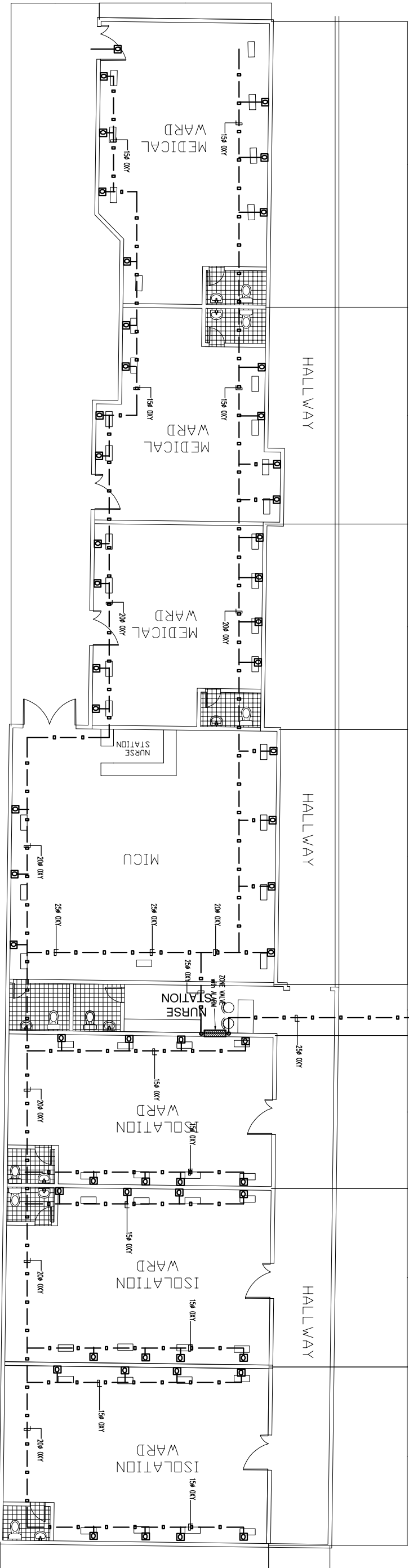
<div><div></div><div>REPUBLIC OF THE PHILIPPINES PROVINCE OF BATAN BATAN GENERAL HOSPITAL BALARA CRT. BATAN ENGINEERING AND FACILITIES MANAGEMENT SECTION</div></div>		PROJECT TITLE: INSTALLATION OF OXYGEN GAS PIPING SYSTEM		PREPARED AND SUBMITTED BY: EDWIN PANAQUILLI ENGINEER III		PREPARED AND SUBMITTED BY: JOHN DARRIEL M. SANTOS ENGINEER IV		RECOMMENDING APPROVAL: MYRNA V. MAGAT CHIEF ADMINISTRATIVE OFFICER		APPROVED BY: DR. GLORY V. BALTAZAR MEDICAL CENTER CHIEF II		<div><div></div><div>MGP</div></div>
CAD BY: J.D. SANTOS		REQ. NO.: PTR. NO.: DATE:		REQ. NO.: PTR. NO.: DATE:		REQ. NO.: PTR. NO.: DATE:						



MEDICAL ICU GAS PIPING PLAN

SCALE


1:100MTS



MEDICAL/ ISOLATION MEDICAL GAS PIPING PLAN

SCALE

1:100MTS

	REPUBLIC OF THE PHILIPPINES PROVINCE OF BATAN BATAN GENERAL HOSPITAL BALANG CRI, BATAN ENGINEERING AND FACILITIES MANAGEMENT SECTION	
PROJECT TITLE:	PREPARED AND SUBMITTED BY:	RECOMMENDING APPROVAL:
INSTALLATION OF OXYGEN GAS PIPING SYSTEM	EDWIN PANAQUILL ENGINEER III	MYRNA V. MAGAT CHIEF ADMINISTRATIVE OFFICER
CAD BY: J.B. SANTOS	JOHN DARRIEL M. SANTOS ENGINEER IV	DR. GLORY V. BALTAZAR MEDICAL CENTER CHIEF II
REG. NO.: PTR. NO.: DATE:	REG. NO.: PTR. NO.: DATE:	REG. NO.: PTR. NO.: DATE:
		