SECTION VII

DRAWINGS
(APPROVED PLANS)

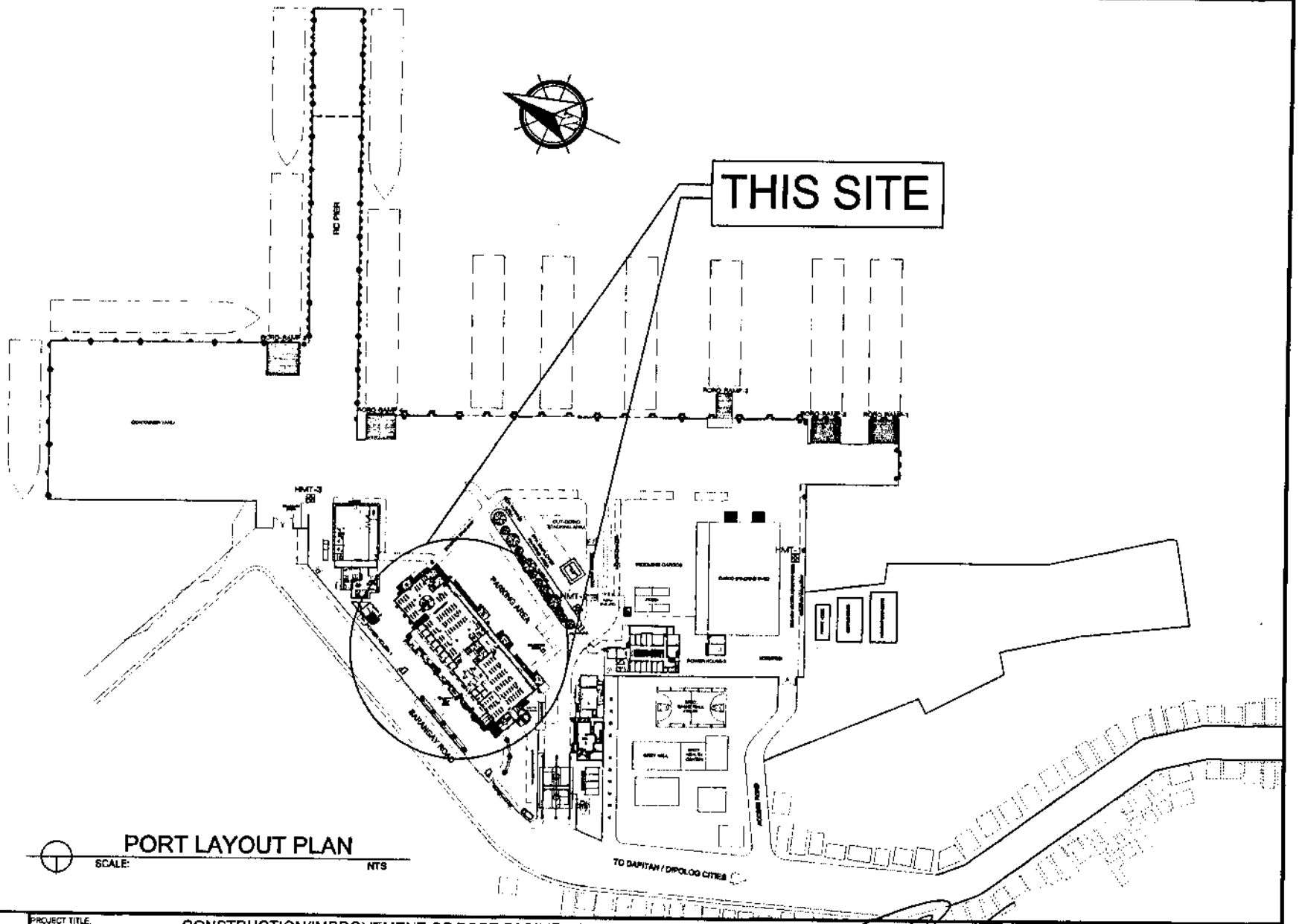
SECTION VII

DRAWINGS AND APPROVED PLANS
(SEE ISSUED APPROVED PLANS)

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2 of 54	-	Perspective
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4 of 54	-	Existing Ground Floor Plan
5 of 54	-	Existing Third Floor Plan
6 of 54	-	Proposed Ground Floor Plan
7 of 54	-	Proposed Extension Ground Floor Plan
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PORT LAYOUT PLAN

SCALE: NTS

PHILIPPINE PORTS AUTHORITY

BAGONG PILIPINAS

PROJECT TITLE:

CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED:
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			DEPARTMENT MANAGER PORT PLANNING AND DESIGN DEPARTMENT	ASSISTANT GENERAL MANAGER FOR ENGINEERING

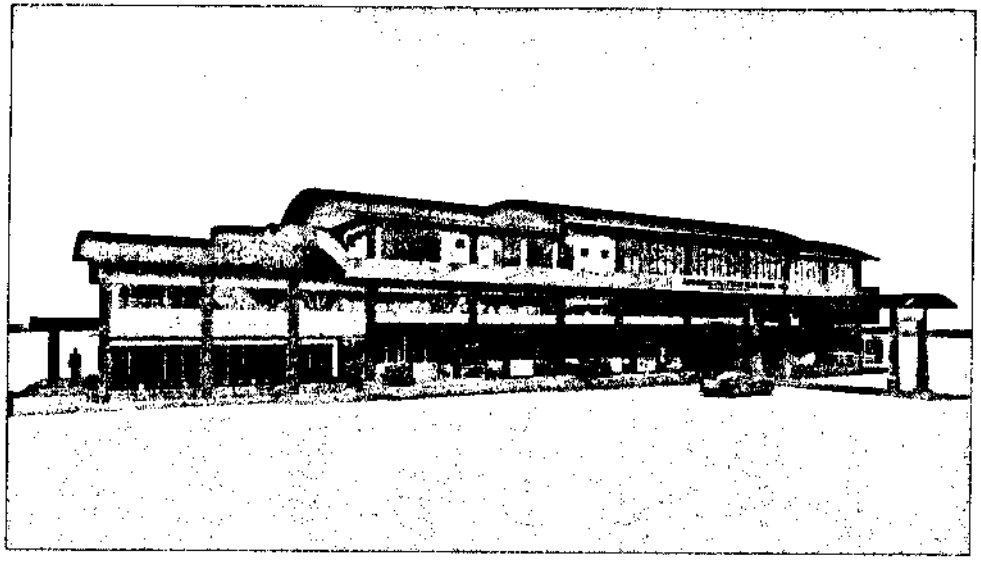
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- PORT LAYOUT

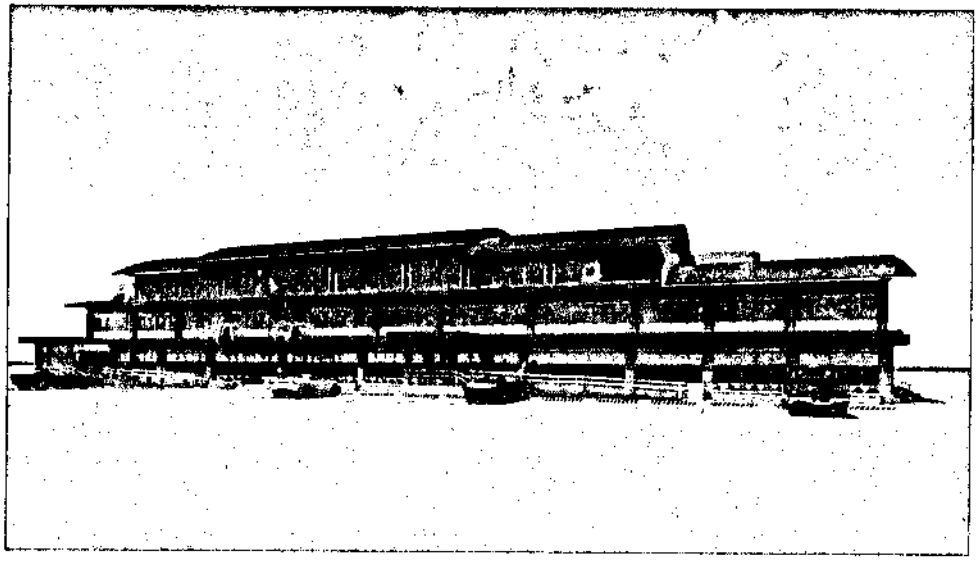
SHEET NO.

01

54



PERSPECTIVE
SCALE: NTS



PERSPECTIVE
SCALE: NTS

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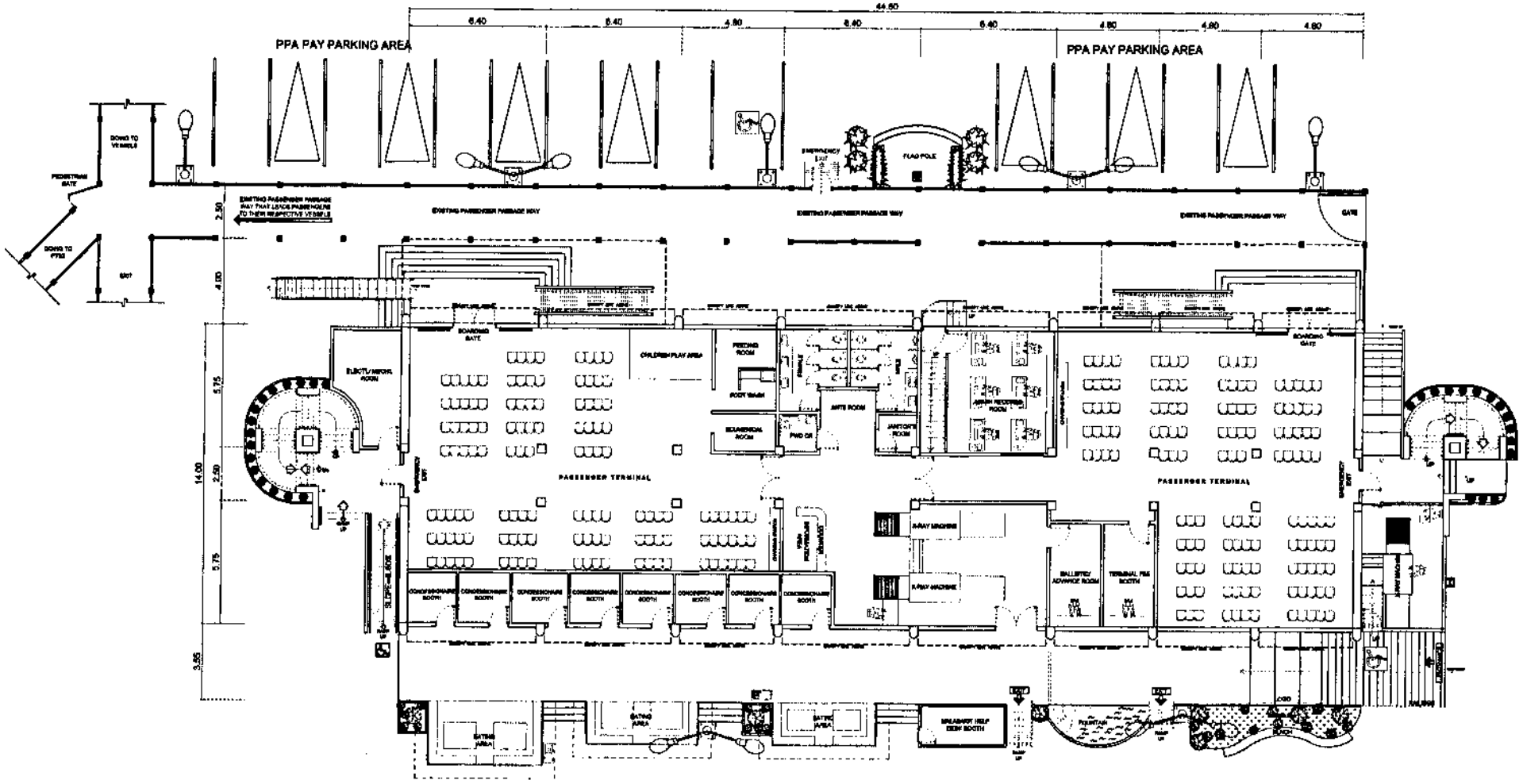
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PREPARED BY:	CHECKED AND REVIEWED BY	SUBMITTED BY	RECOMMENDING APPROVAL	APPROVED BY:
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SHEET CONTENT	SHEET NO
PERSPECTIVE	02
	54



EXISTING
GROUND FLOOR PLAN

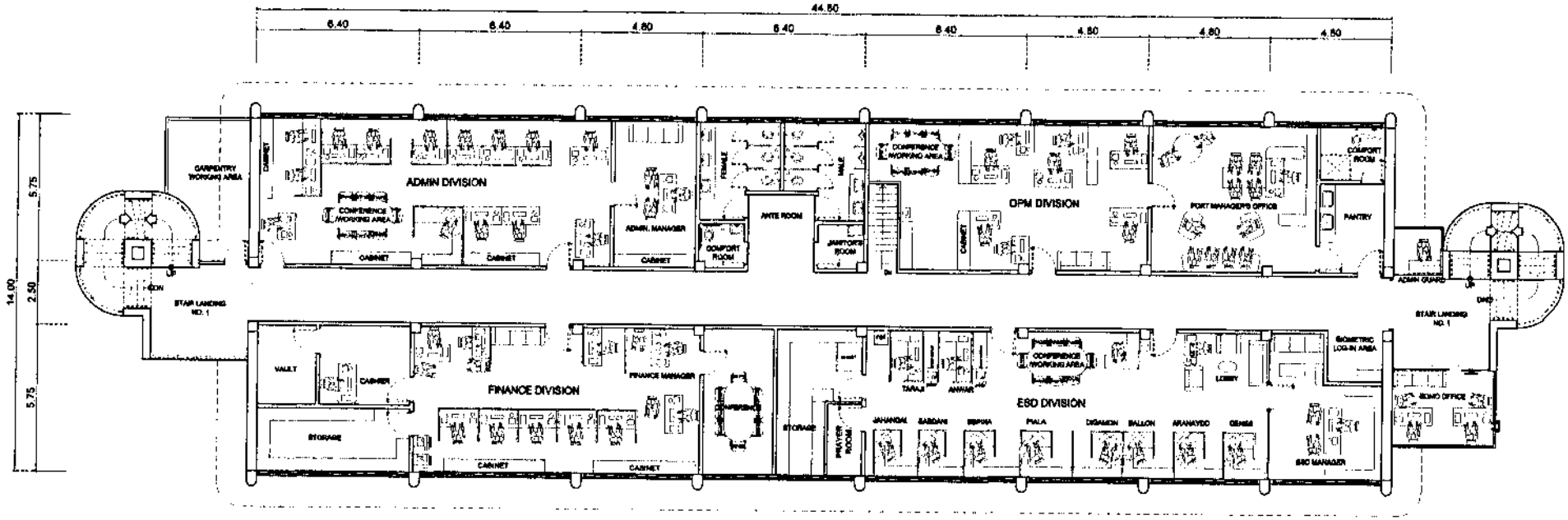
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CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

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SHEET CONTENT:
- EXISTING GROUND FLOOR PLAN

SHEET NO
03
54



EXISTING
SECOND FLOOR PLAN
SCALE: 1:100

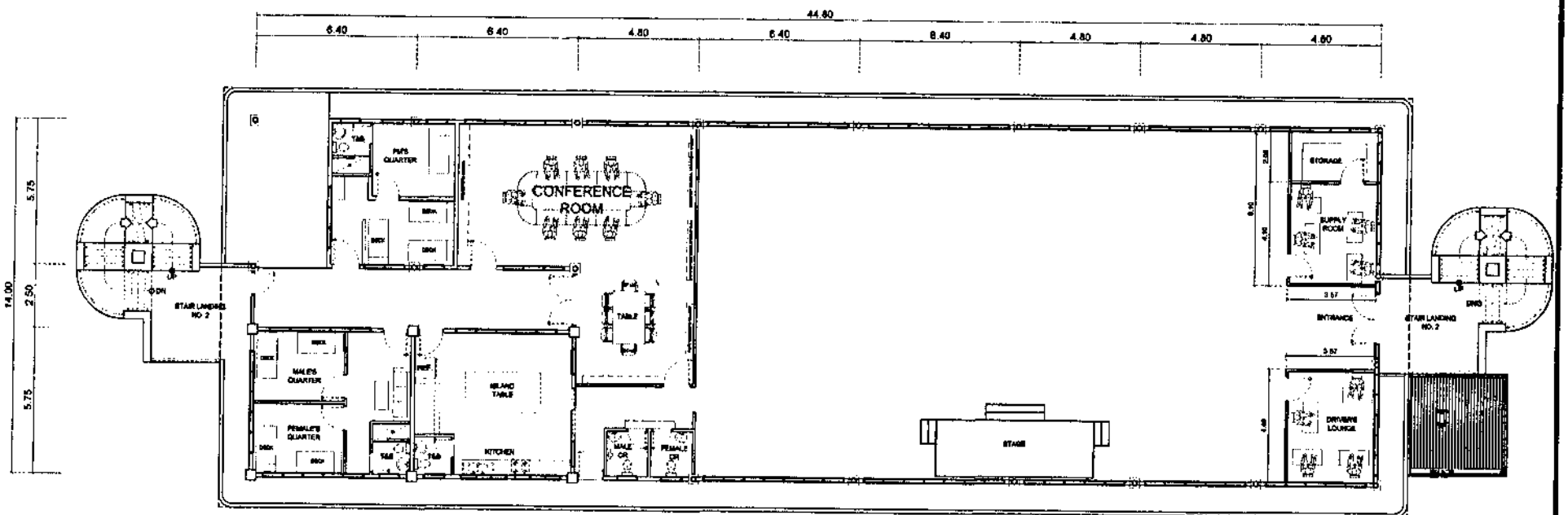
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PROJECT TITLE:
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

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SHEET CONTENT:
EXISTING SECOND FLOOR PLAN

SHEET NO.
04
54



EXISTING

THIRD FLOOR PLAN (GAD HALL)

SCALE: 1:100M

BAGONG PILIPINAS

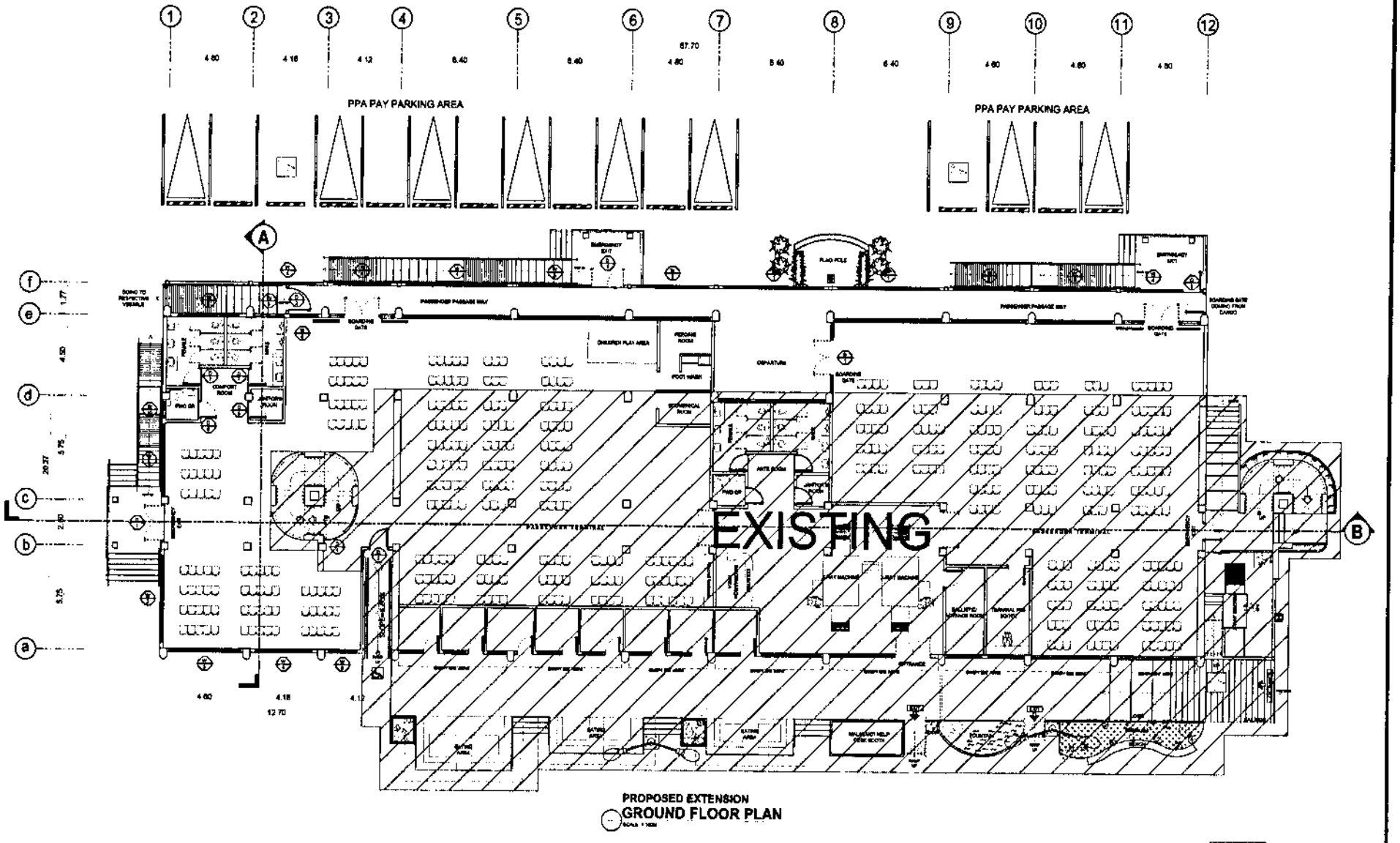
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PROJECT ASSISTANT III	PMO MANAGER	PMO-CDO	DEPARTMENT MANAGER PORT PLANNING AND DEVELOPMENT	ASSISTANT GENERAL MANAGER FOR ENGINEERING

SHEET CONTENT:
- EXISTING THIRD FLOOR PLAN

SHEET NO.
05
54



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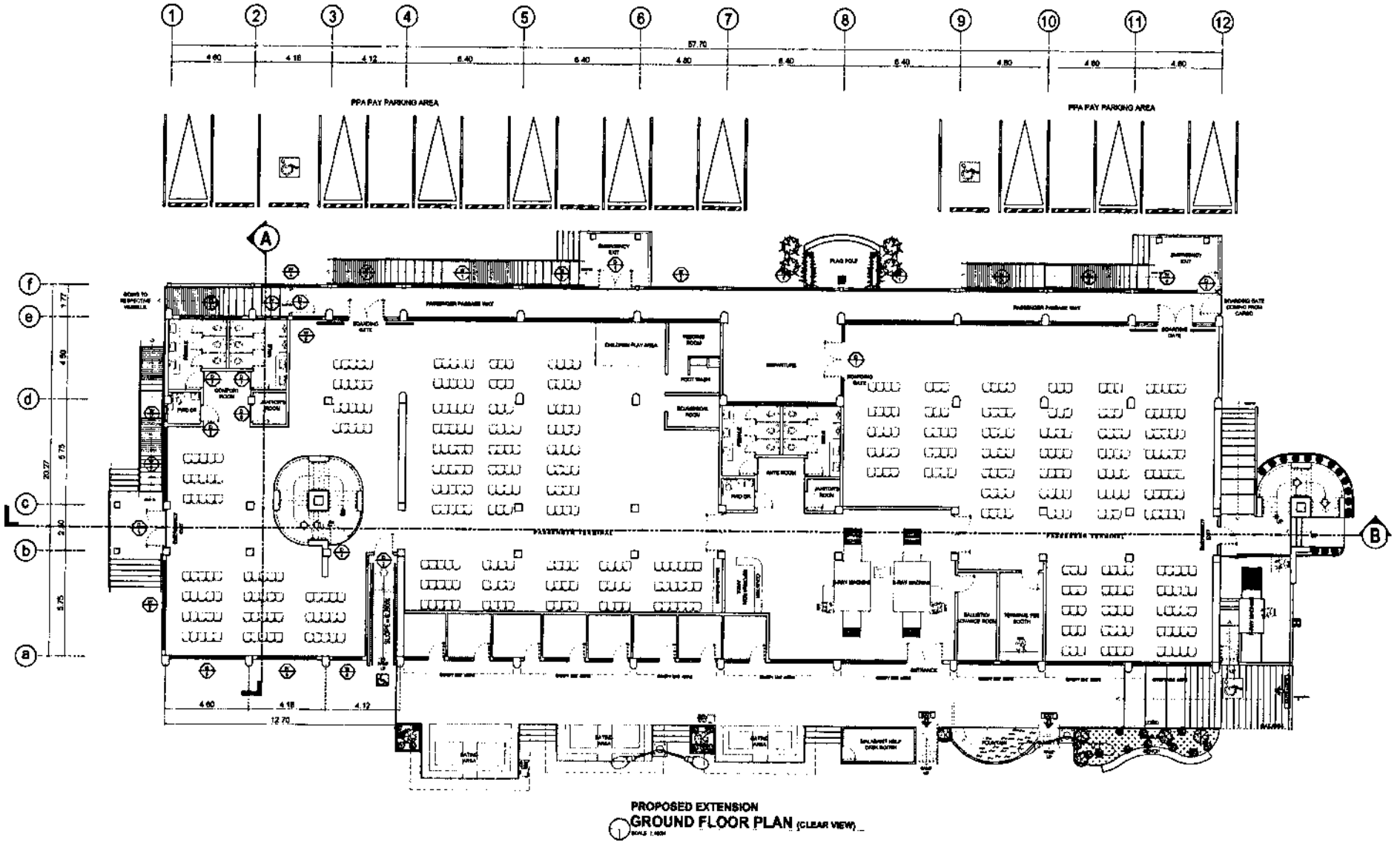
PROJECT TITLE:

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Port of Dapitan, Dapitan City, Zamboanga Del Norte

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SHEET CONTENT:
- PROPOSED GROUND FLOOR PLAN

SHEET NO.
06
54



PROPOSED EXTENSION
GROUND FLOOR PLAN (CLEAR VIEW)

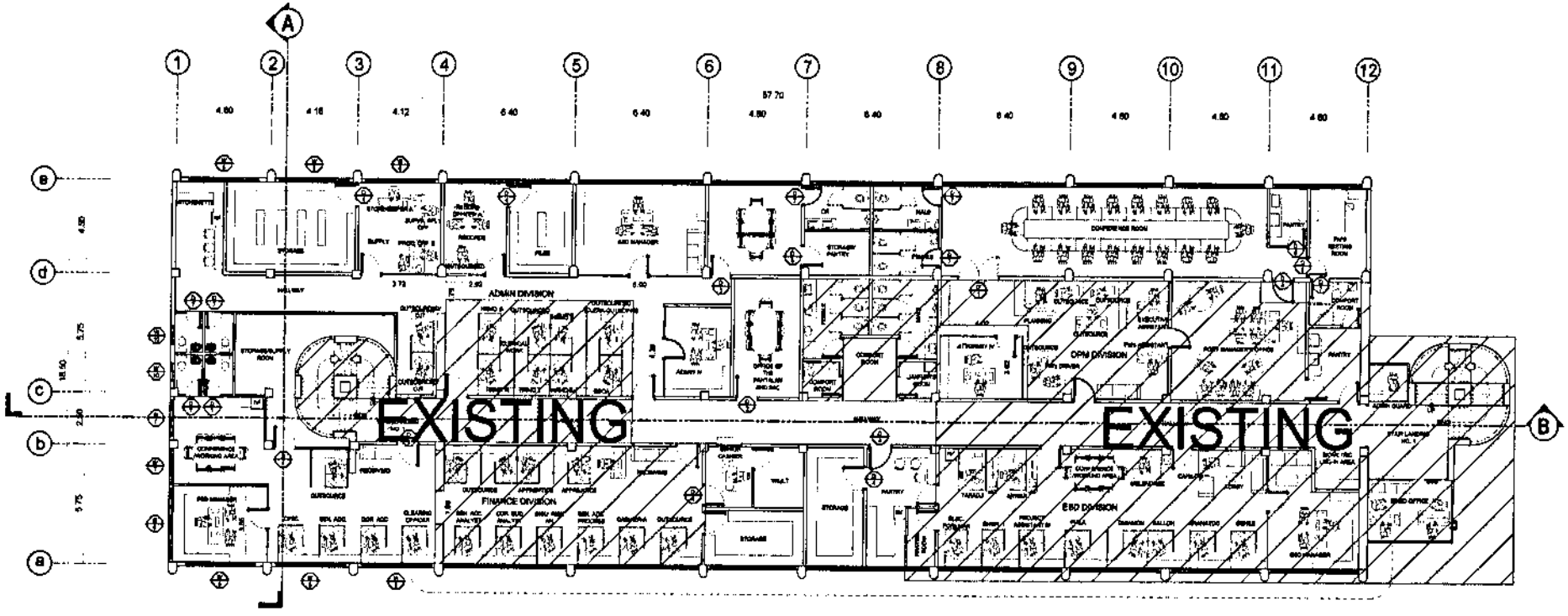
PHILIPPINE PORTS AUTHORITY
BAGONG PILIPINAS

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Port of Dapitan, Dapitan City, Zamboanga Del Norte

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SHEET CONTENT
- PROPOSED GROUND FLOOR PLAN

SHEET NO
07
54



EXISTING

PHILIPPINE PORTS AUTHORITY

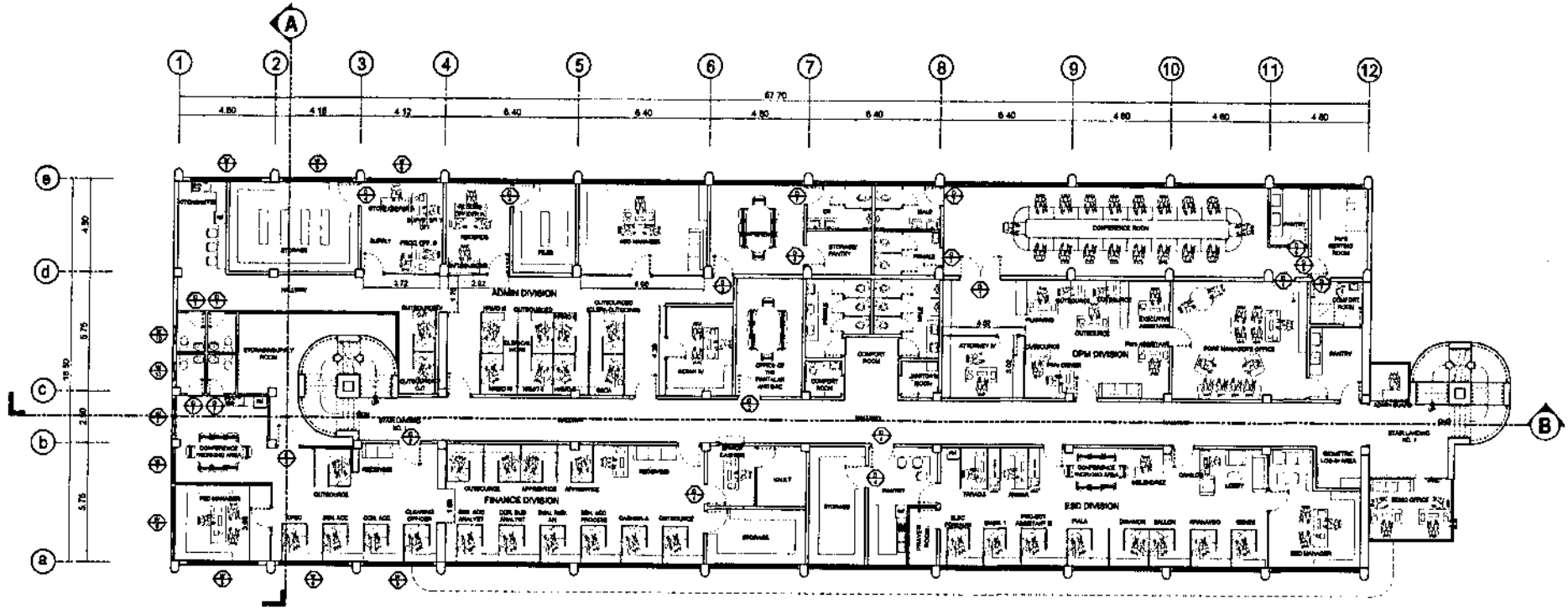
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PROJECT TITLE

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Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED:
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SHEET CONTENT	SHEET NO
PROPOSED SECOND FLOOR PLAN	08
	54



PROPOSED EXTENSION
SECOND FLOOR PLAN (CLEAR VIEW)
SCALE 1:100

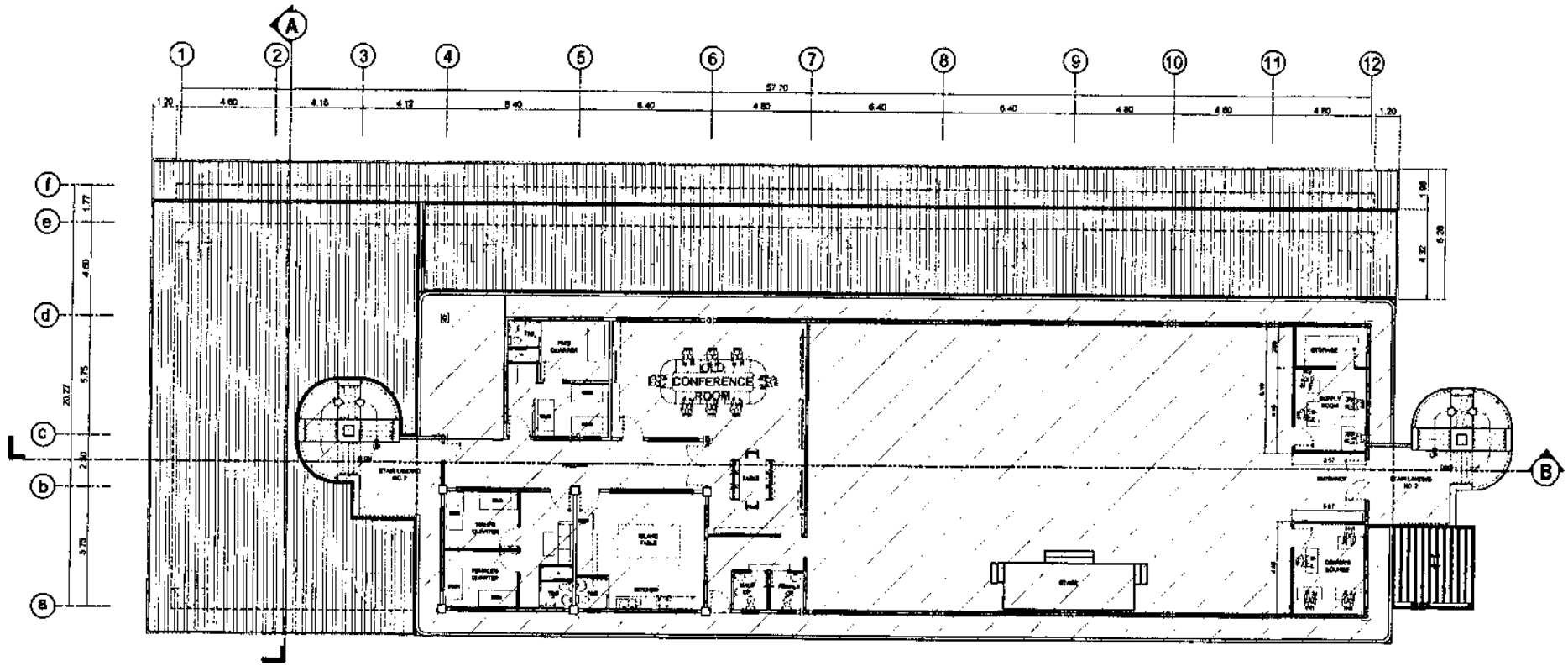
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Port of Dapitan, Dapitan City, Zamboanga Del Norte

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SHEET CONTENT:
PROPOSED SECOND FLOOR PLAN

SHEET NO.
09
54



SECOND FLOOR ROOF PLAN

EXISTING

PHILIPPINE PORTS AUTHORITY

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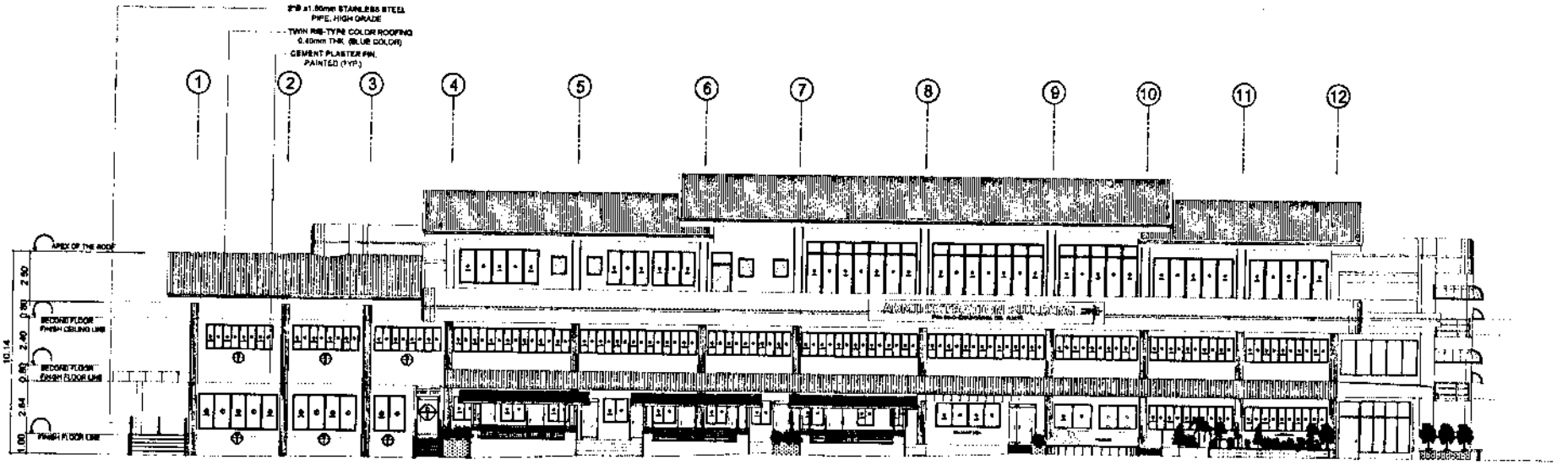
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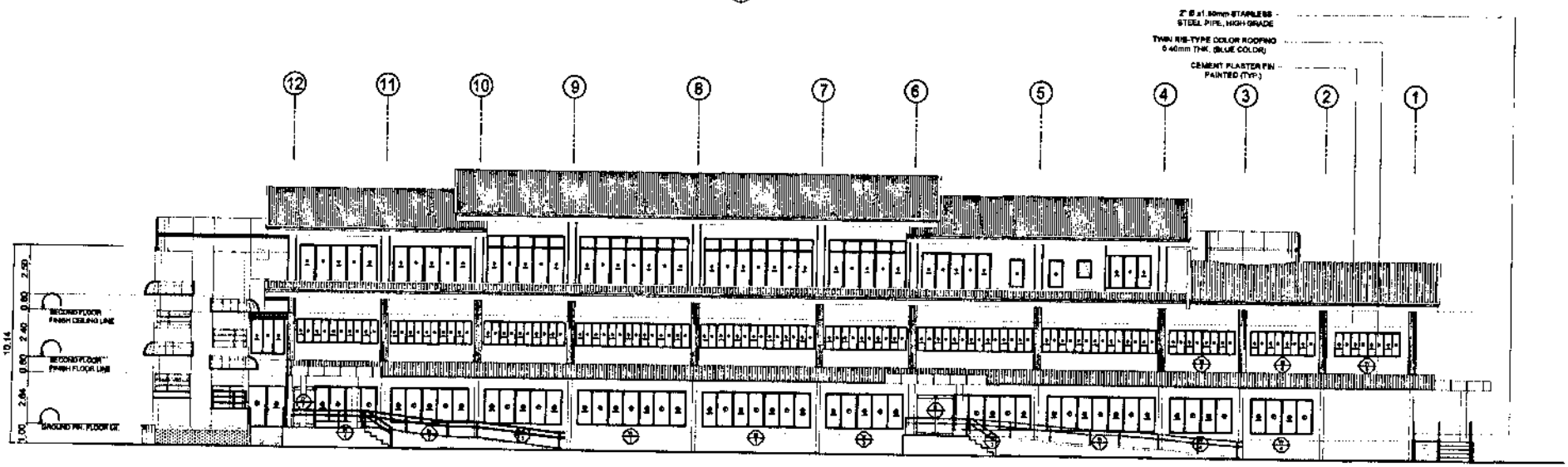
PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY	RECOMMENDING APPROVAL	APPROVED BY:
AR. MOHAMMADA ESPINA	ENGR. ABDURASAD S. HASAN	ENGR. SUBAIHIO M. IM	ENGR. REYNALD C. PARAFINA	ENGR. JAMES J. SANTALAO

SHEET CONTENT:
- THIRD FLOOR PLAN

SHEET NO.
10
54



FRONT ELEVATION



REAR ELEVATION

PHILIPPINE PORTS AUTHORITY

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PROJECT TITLE:

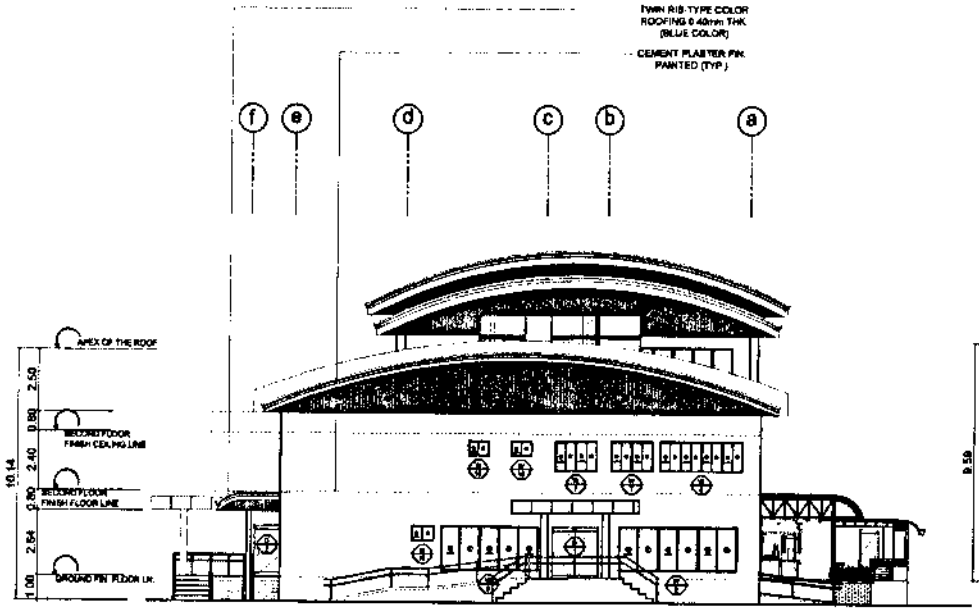
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

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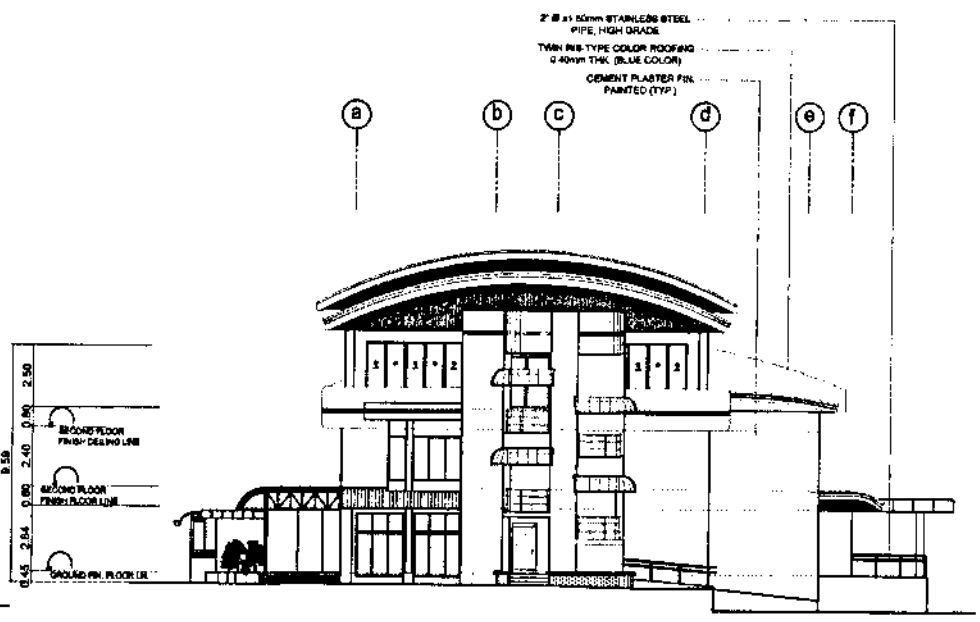
SHEET CONTENT:
- FRONT ELEVATION
- REAR ELEVATION

SHEET NO: 11

54



LEFT SIDE ELEVATION



RIGHT SIDE ELEVATION

PHILIPPINE PORTS AUTHORITY

SACONG PILIPINAS

PROJECT TITLE:

CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
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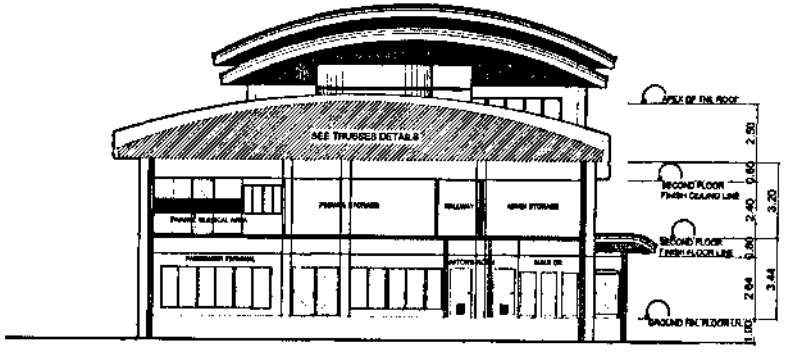
SHEET CONTENT:

- LEFT SIDE ELEVATION
- RIGHT SIDE ELEVATION

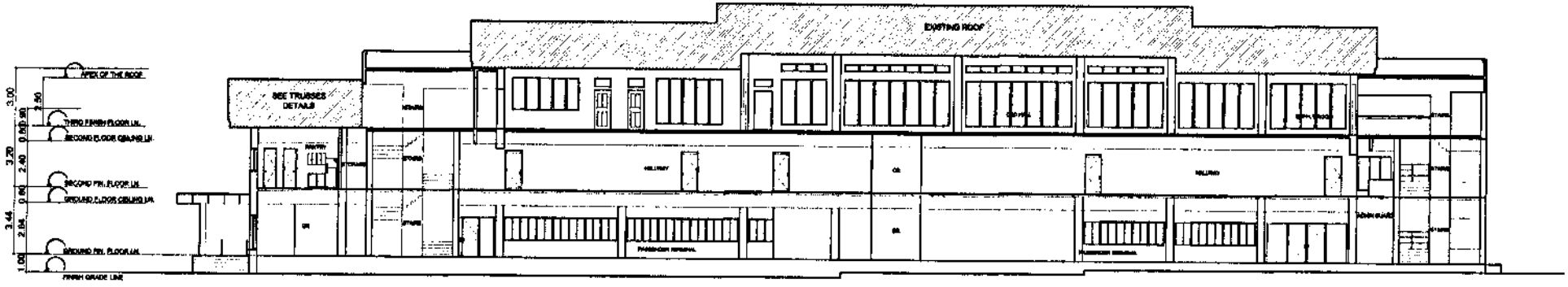
SHEET NO.

12

54



1 CROSS SECTION THRU-A



1 LONGITUDINAL SECTION THRU-B

BAGONG PILIPINAS

PHILIPPINE PORTS AUTHORITY

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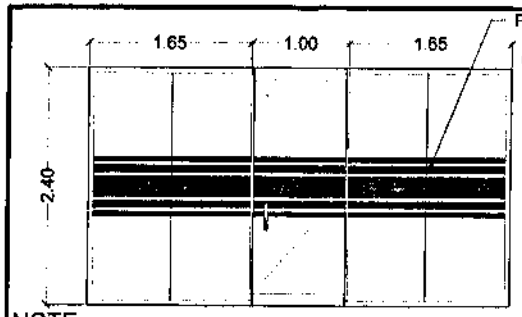
PREPARED BY:	CHECKED AND REVIEWED BY	SUBMITTED BY:	RECOMMENDING APPROVAL	APPROVED BY:
AR. MOHAMMAD A. ESPINA	ENGR. ABDURASAD S. HASAN	ENGR. SUBAIRIO U. LIM	ENGR. REYNARD C. PARAFINA	ENGR. JAMES J. GANTALAO
			DEPARTMENT MANAGER PORT PLANNING AND DESIGN DEPARTMENT	

SHEET CONTENT:
- CROSS SECTION THRU-A
- LONGITUDINAL SECTION THRU-B

SHEET NO: 13

54

MAY 12 2024

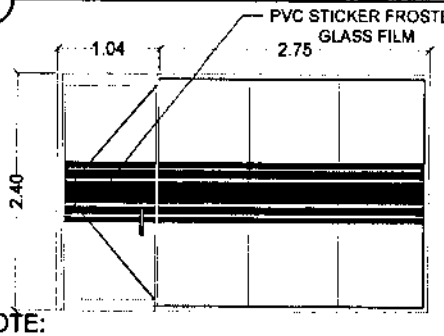


NOTE:

½" THK GLASS PANEL WALL PARTITION ON POWDER COATED ALUMINUM GLASS DOOR

ELEVATION (FINANCE MANAGER OFFICE)

SCALE 1:20

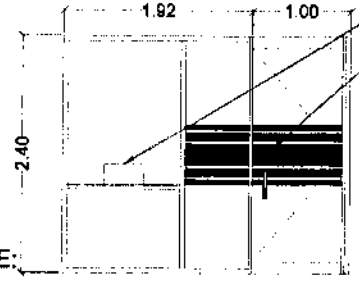


NOTE:

½" THK GLASS PANEL WALL PARTITION ON POWDER COATED ALUMINUM GLASS DOOR

ELEVATION (SUPPLY OFFICE

SCALE 1:20



NOTE:

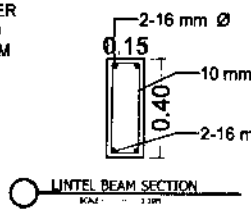
½" THK GLASS PANEL WALL PARTITION ON POWDER COATED ALUMINUM GLASS DOOR

ELEVATION (RECORD ROOM)

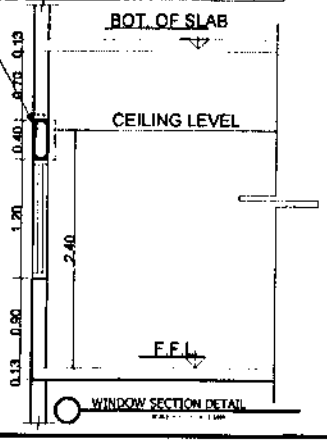
SCALE 1:20

PLAN	ELEVATION	DESCRIPTION	LOCATION	QTY.
		DOUBLE SHUTTER GLASS DOOR WITH POWDER COATED UPPER AND LOWER PART BLACK ALUMINUM FRAME (FRAMELESS SIDES)	- EMERGENCY EXIT - PASSENGER EXIT - ENTRANCE - PASSENGER TERMINAL - CONFERENCE ROOM	4
		SINGLE SHUTTER GLASS DOOR WITH POWDER COATED UPPER AND LOWER PART BLACK ALUMINUM FRAME (FRAMELESS SIDES)	- EMERGENCY EXIT - BAC OFFICE - FINANCE OFFICE DOOR	4
		SINGLE SHUTTER GLASS DOOR WITH POWDER COATED UPPER AND LOWER PART BLACK ALUMINUM FRAME (FRAMELESS SIDES)	- ADMIN CONFERENCE ROOM	1
		SINGLE SHUTTER WOODEN DOOR WITH WOODEN JAM	- STAIRCASE (PASS TERMINAL) - FINANCE STORAGE - SENIOR CASHIER OFFICE - ADMIN STORAGE - ADMIN RECORD STORAGE - FINANCE STORAGE - FIRST STORAGE - PANTRY - PMS OFFICE	8
		SINGLE SHUTTER WOODEN DOOR WITH WOODEN JAM	- ADMIN CONFERENCE STORAGE - PMS QUARTER - CONFERENCE ROOM PANTRY	3
		SINGLE SHUTTER PVC FLUSH DOOR	- PWD COMFORT ROOM - JANITOR ROOM	2
		SINGLE SHUTTER PVC FLUSH DOOR	- PASSENGER COMFORT ROOM (MALE & FEMALE) - ADMIN CONFERENCE COMFORT ROOM - DPM CONFERENCE COMFORT ROOM (MALE & FEMALE) - ADMIN COMFORT ROOM (MALE & FEMALE) - FINANCE COMFORT ROOM (MALE & FEMALE)	9

LINTEL BEAM



LINTEL BEAM SECTION



WINDOW SECTION DETAIL

PLAN	ELEVATION	DESCRIPTION	LOCATION	QTY.
W1		¼THK FIXED GLASS AND SLIDING WINDOW WITH POWDER COATED BLACK ALUMINUM FRAME	- DEPARTURE HALLWAY	3
W2		¼THK FIXED GLASS AND SLIDING WINDOW WITH POWDER COATED BLACK ALUMINUM FRAME	- PASSENGER TERMINAL	1
W3		¼THK FIXED GLASS AND SLIDING WINDOW WITH POWDER COATED BLACK ALUMINUM FRAME	- DEPARTURE HALLWAY - PASSENGER TERMINAL	6
W4		¼THK FIXED GLASS AND SLIDING WINDOW WITH POWDER COATED BLACK ALUMINUM FRAME	- DEPARTURE HALLWAY	4
W5		¼THK FIXED GLASS AND SLIDING WINDOW WITH POWDER COATED BLACK ALUMINUM FRAME	- DEPARTURE HALLWAY - PASSENGER TERMINAL	2
W6		¼THK FIXED GLASS AND SLIDING WINDOW WITH POWDER COATED BLACK ALUMINUM FRAME	- ADMIN DIVISION - FINANCE DIVISION	7
W7		¼THK FIXED GLASS AND SLIDING WINDOW WITH POWDER COATED BLACK ALUMINUM FRAME	- FINANCE DIVISION	2
W8		¼THK FIXED GLASS AND SLIDING WINDOW WITH POWDER COATED BLACK ALUMINUM FRAME	- COMFORT ROOMS FEMALE (PASSENGER TERMINAL)	1
W9		¼THK FIXED GLASS AND SLIDING WINDOW WITH POWDER COATED BLACK ALUMINUM FRAME	- COMFORT ROOMS MALE (PASSENGER TERMINAL)	1
W10		¼THK FIXED GLASS AND SLIDING WINDOW WITH POWDER COATED BLACK ALUMINUM FRAME	- COMFORT ROOMS (FINANCE DIVISION) - COMFORT ROOM (FINANCE DIVISION) - COMFORT ROOM (PASSENGER TERMINAL)	3

DOORS AND WINDOWS SCHEDULE

SCALE: NTS

PHILIPPINE PORTS AUTHORITY

BAGONG PILIPINAS

PROJECT TITLE

CONSTRUCTION//IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY	CHECKED AND REVIEWED BY	SUBMITTED BY:	RECOMMENDING APPROVAL	APPROVED BY
AR. MOHAMMAD ESPINA	ENGR. ABDURRASAD S. HASAN	ENGR. SUBAIRI A. LIM	ENGR. REYNALDO C. PARAFINA	ENGR. JAMES J. GANTALAO

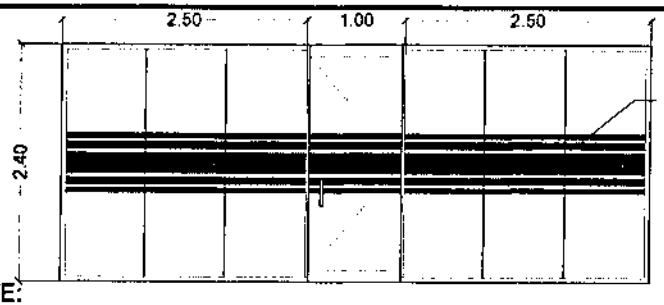
SHEET CONTENT:

- FINANCE MANAGER'S OFFICE PARTITION
- SUPPLY OFFICE PARTITION
- RECORD OFFICE PARTITION
- LINTEL BEAM SECTION
- WINDOW SECTION DETAIL
- DOORS AND WINDOWS SCHEDULE

SHEET NO.

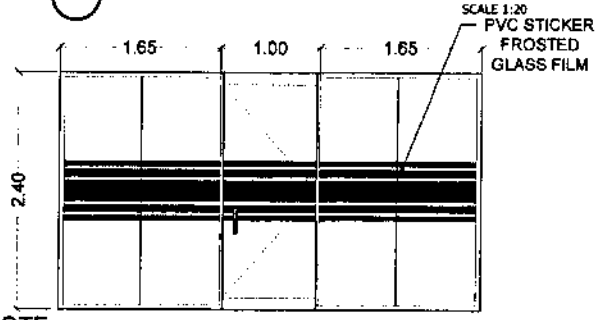
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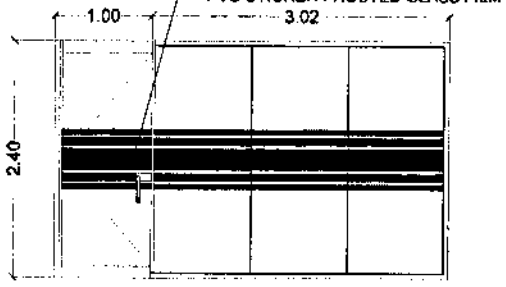
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½" THK GLASS PANEL WALL PARTITION ON POWDER COATED ALUMINUM GLASS DOOR

ELEVATION (ADMIN MAN. OFFICE)



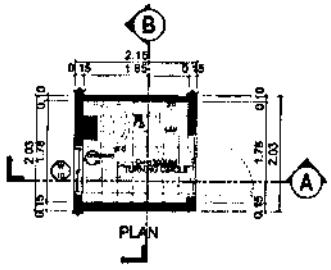
NOTE:
½" THK GLASS PANEL WALL PARTITION ON POWDER COATED ALUMINUM GLASS DOOR

ELEVATION (ADMIN IV ROOM)

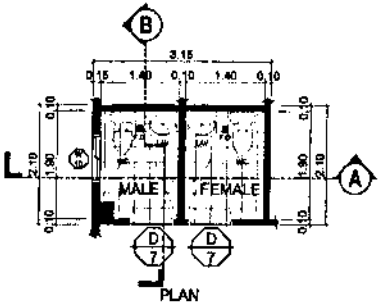


NOTE:
½" THK GLASS PANEL WALL PARTITION ON POWDER COATED ALUMINUM GLASS DOOR

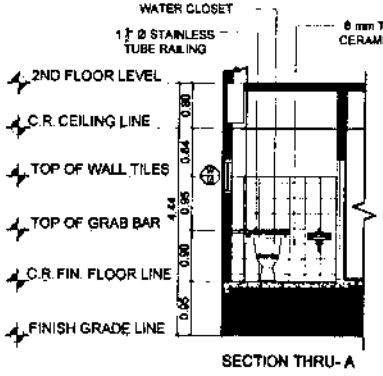
ELEVATION (ATTORNEY IV ROOM)
SCALE 1:20



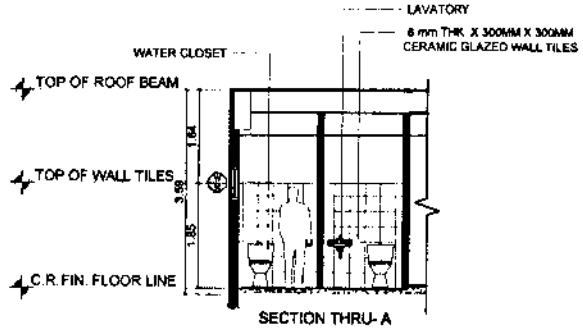
PASSENGER PWD COMFORT ROOM
SCALE: NTS



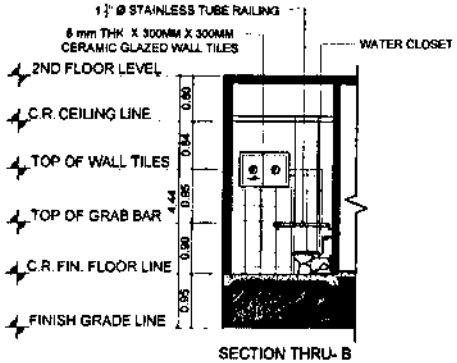
FINANCE DIVISION COMFORT ROOM
SCALE: NTS



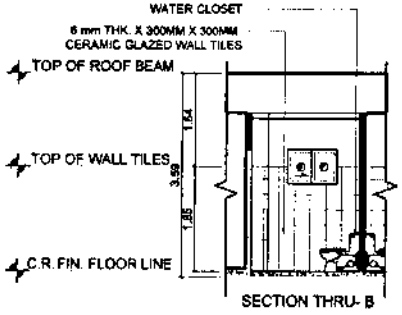
SECTION THRU- A



SECTION THRU- A



SECTION THRU- B



SECTION THRU- B

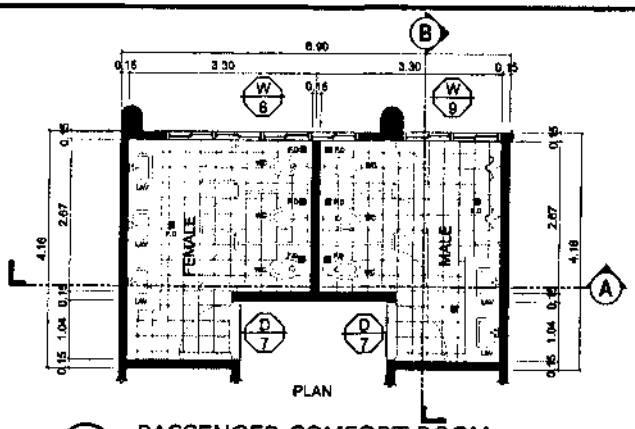
PHILIPPINE PORTS AUTHORITY
BAGONG PILIPINAS

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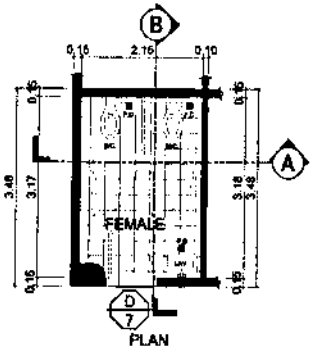
SHEET CONTENT:
- ADMIN MANAGER'S OFFICE PARTITION
- ADMIN IV OFFICE PARTITION
- ATTORNEY IV OFFICE PARTITION
- COMFORT ROOM BLOW-UP DETAILS

SHEET NO: 15
54



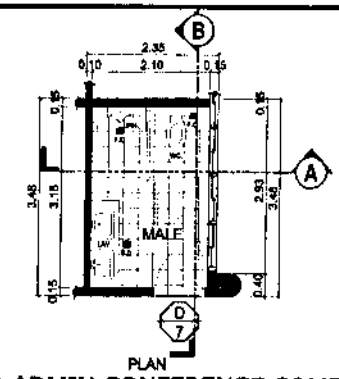
PASSENGER COMFORT ROOM

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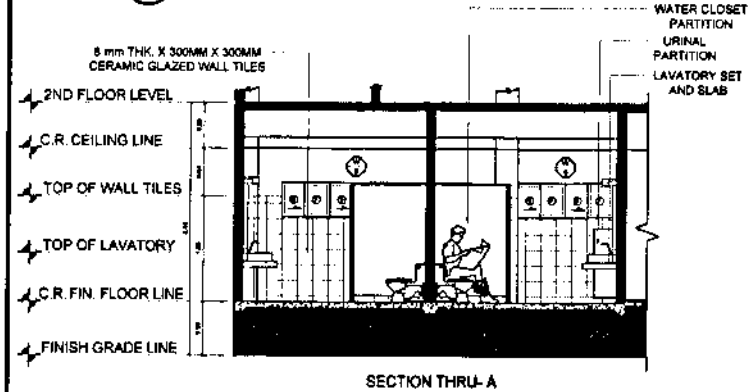
OPM COMFORT ROOOM

SCALE: NTS

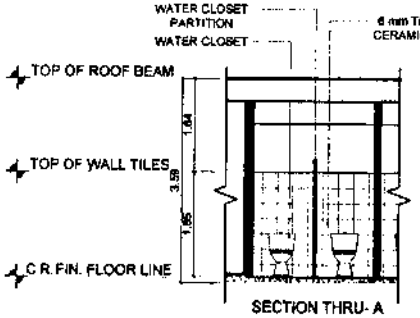


OPM AND ADMIN CONFERENCE COMFORT ROOOM

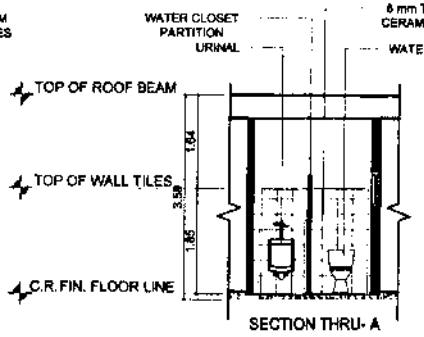
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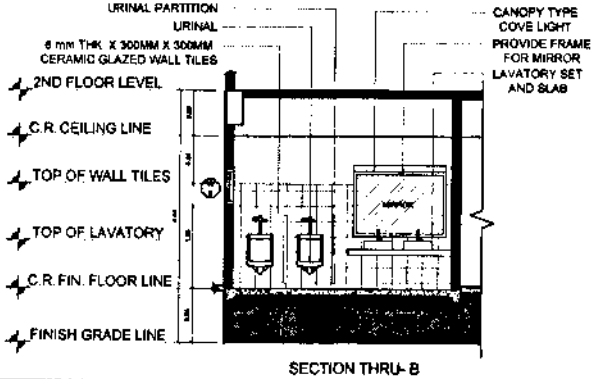
SECTION THRU- A



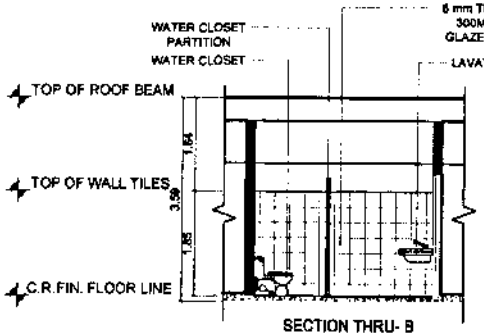
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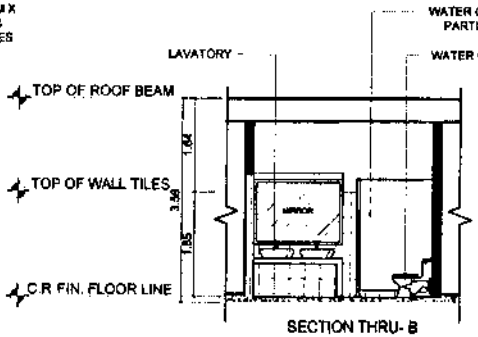
SECTION THRU- A



SECTION THRU- B



SECTION THRU- B



SECTION THRU- B

BAGONG PILIPINAS

PHILIPPINE PORTS AUTHORITY

PROJECT TITLE

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Port of Dapitan, Dapitan City, Zamboanga Del Norte

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AR. MOHAMMAD A. ESPINA	ENGR. ABDURASAD S. HASAN	ENGR. SUBAIR D. TAHIM	ENGR. REYNARD C. PARAFINA	ENGR. JAMES J. GANTALAO

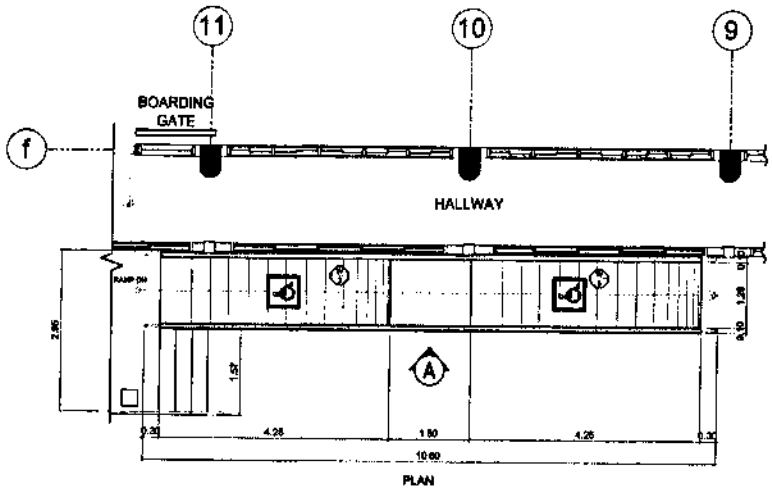
SHEET CONTENT:

- COMFORT ROOM BLOW-UP DETAILS

SHEET NO

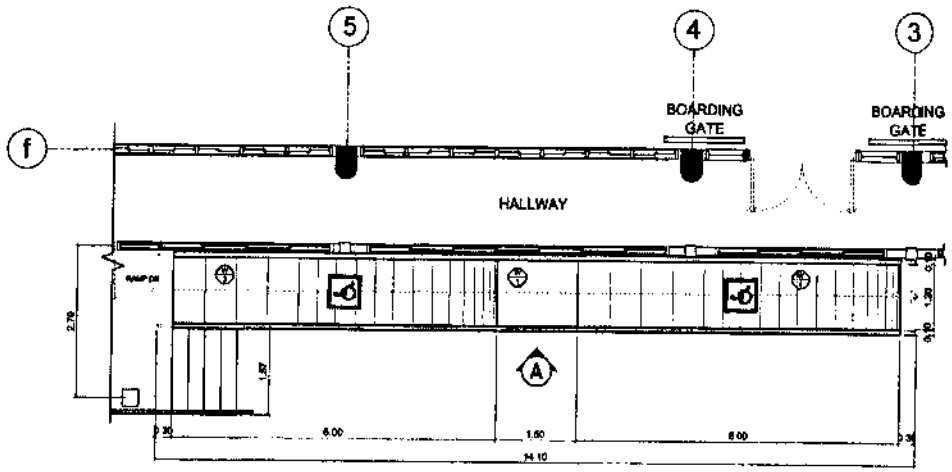
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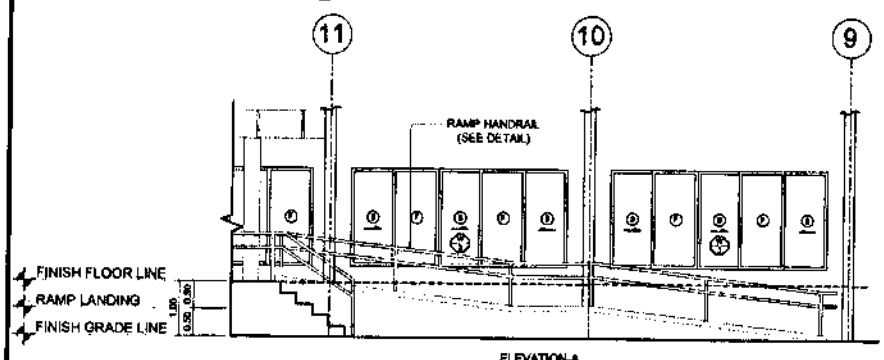
PWD RAMP BLOW-UP DETAIL 1

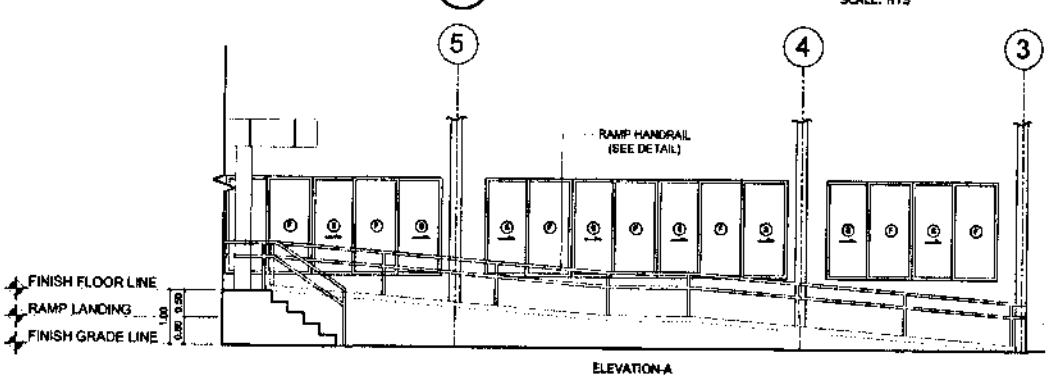
SCALE: NTS



PWD RAMP BLOW-UP DETAIL 2

SCALE: NTS





BAGONG PILIPINAS

PHILIPPINE PORTS AUTHORITY

PROJECT TITLE:

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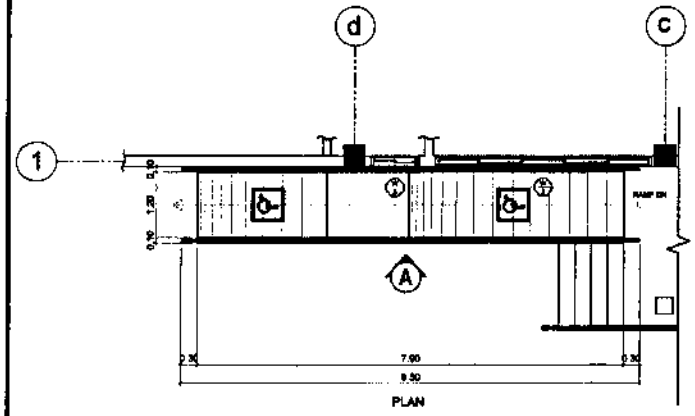
SHEET CONTENT:

- PWD RAMP BLOW-UP DETAILS

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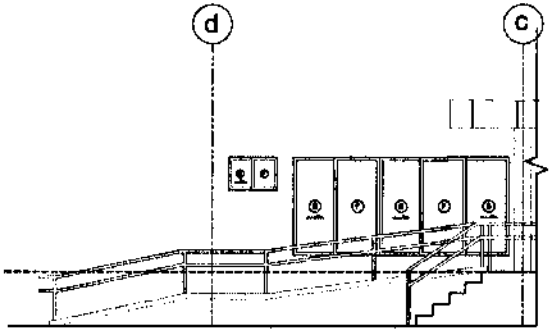
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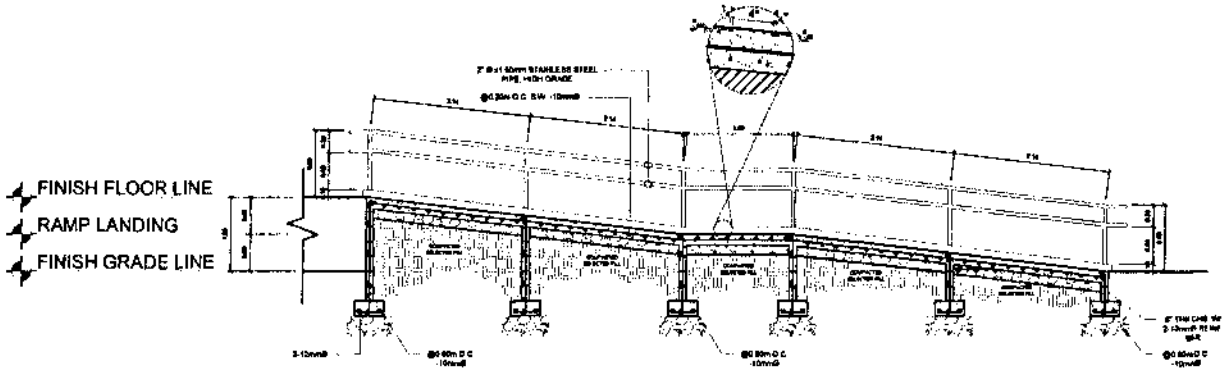
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PWD RAMP BLOW-UP DETAIL 3

SCALE: NTS





TYPICAL RAMP DETAIL

SCALE: NTS

PHILIPPINE PORTS AUTHORITY

BAGONG PILIPINAS

PROJECT TITLE:

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Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD [illegible] ESPINA	ENGR. ABDURAHMAN S. HASAN	ENGR. SUBAIRIO ALIM	ENGR. REYNARD C. PARAFINA	ENGR. JAMES J. GANTALAO
			DEPARTMENT MANAGER PORT PLANNING AND DESIGN DEPARTMENT	ASSISTANT GENERAL MANAGER FOR ENGINEERING

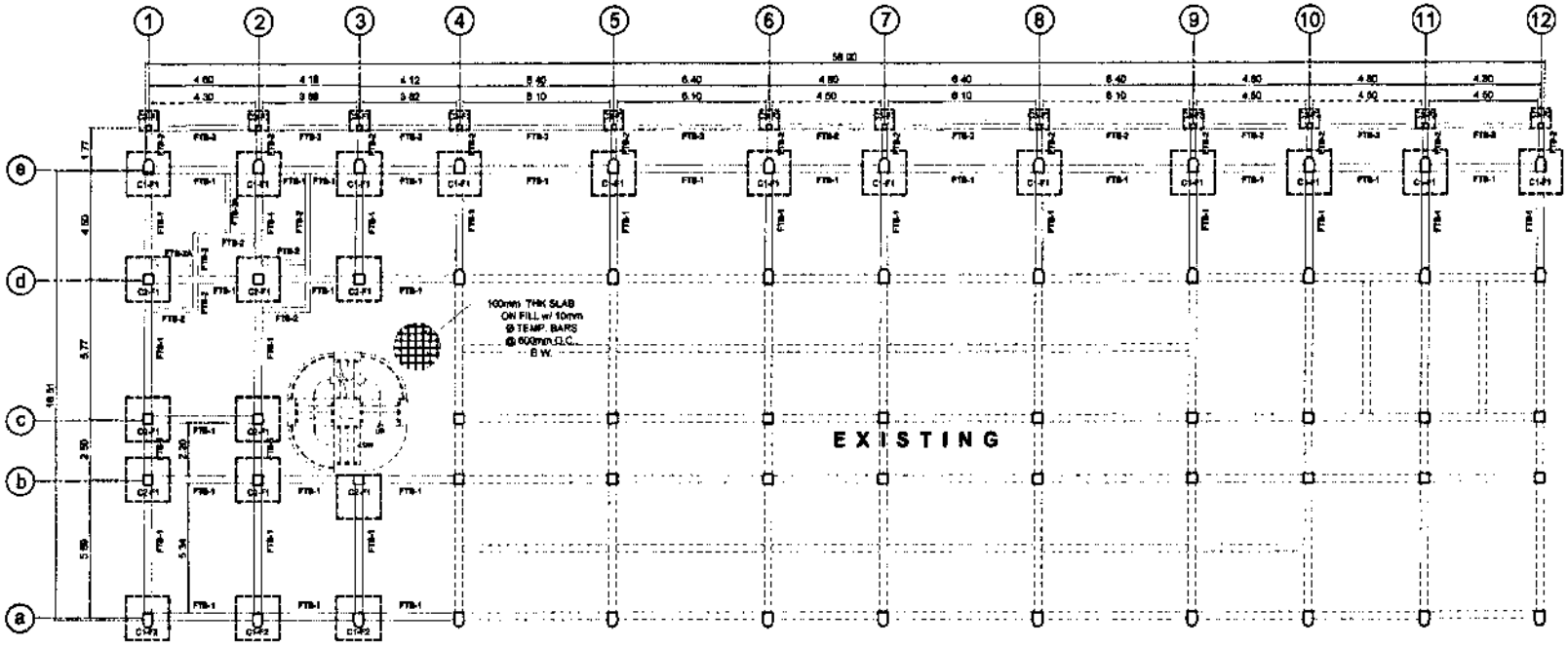
SHEET CONTENT

- PWD RAMP BLOW-UP DETAILS
- TYPICAL RAMP DETAIL

SHEET NO.

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1 **FOUNDATION PLAN**

PROPOSED NEW BEAM

EXISTING BEAM

PHILIPPINE PORTS AUTHORITY

BAGONG PILIPINAS

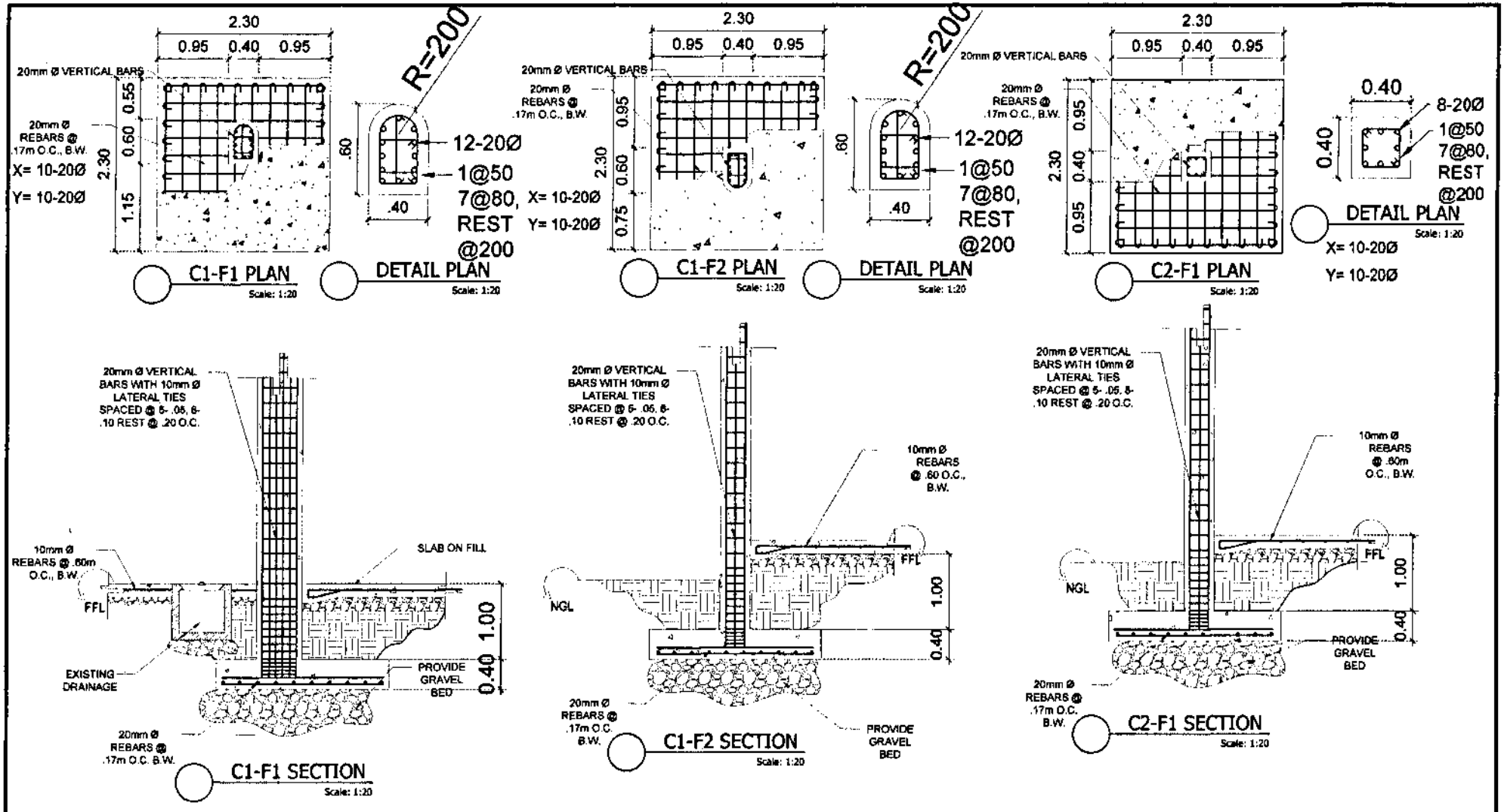
PROJECT TITLE:

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SHEET CONTENT:
- FOUNDATION PLAN

SHEET NO.
19
54



COLUMN AND FOOTING DETAILS

Scale: 1:20

BAGONG PILIPINAS

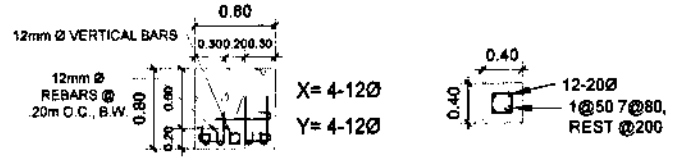
PHILIPPINE PORTS AUTHORITY

PROJECT TITLE: CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
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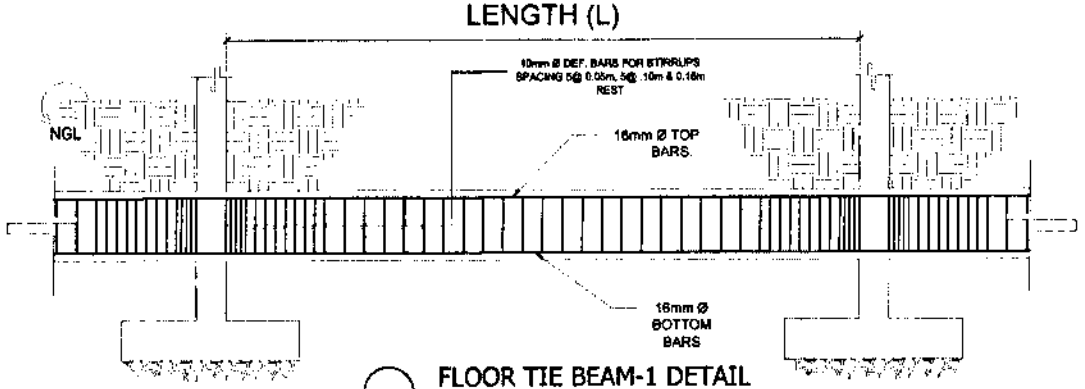
SHEET CONTENT:
- COLUMN AND FOOTING DETAILS

SHEET NO.
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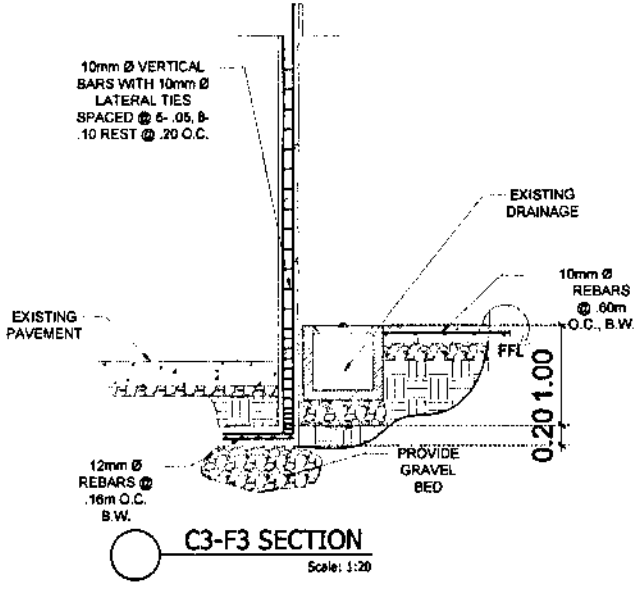


C3-F3 PLAN
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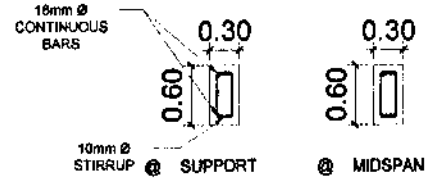
DETAIL PLAN
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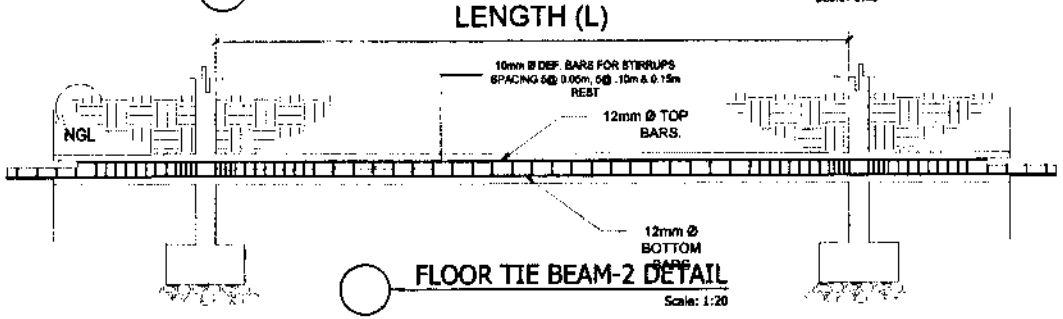
FLOOR TIE BEAM-1 DETAIL
Scale: 1:20



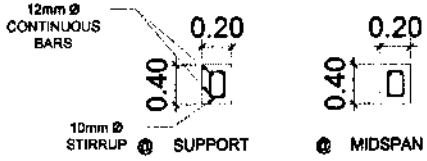
C3-F3 SECTION
Scale: 1:20



DET. SECTION & ELEVATION OF FLOOR TIE BEAM-1
Scale: 1:20



FLOOR TIE BEAM-2 DETAIL
Scale: 1:20



DET. SECTION & ELEVATION OF FLOOR TIE BEAM-2
Scale: 1:20

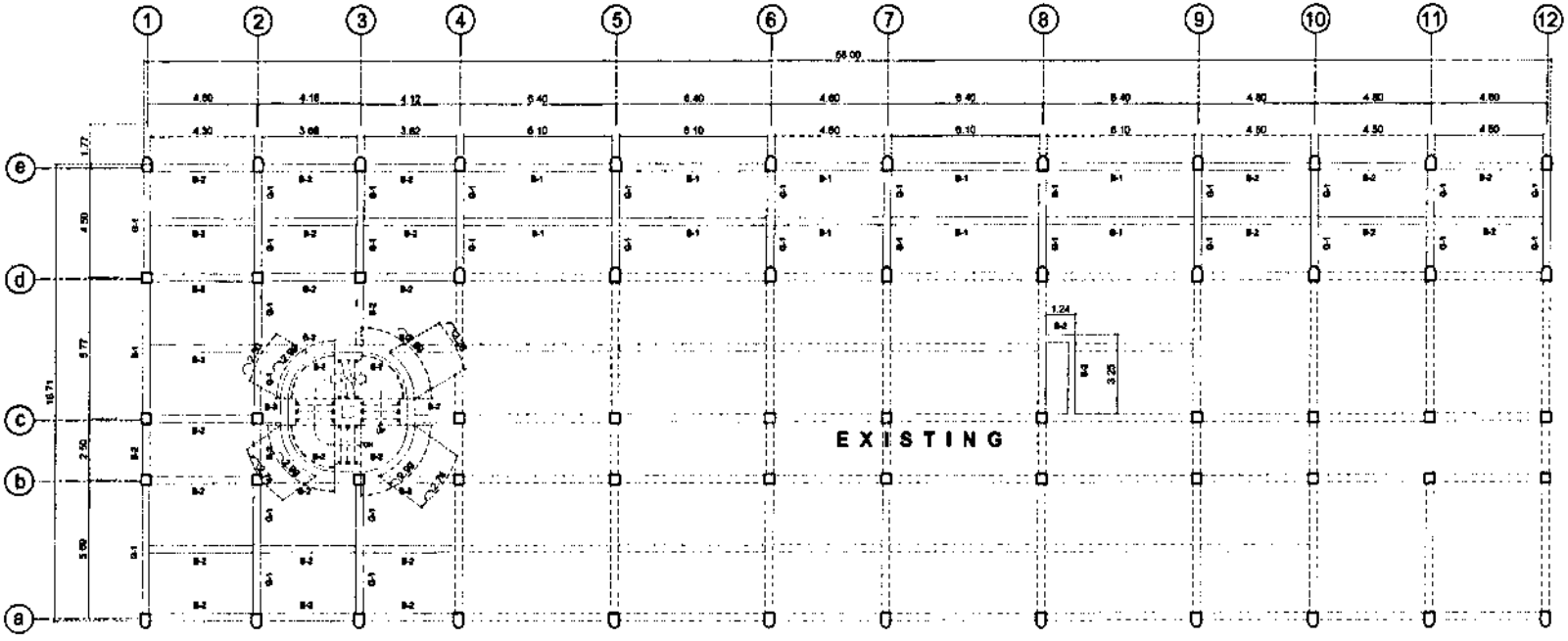
BAGONG PILIPINAS
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SHEET CONTENT:
- COLUMN AND FOOTING DETAILS
- FLOOR TIE BEAM DETAILS

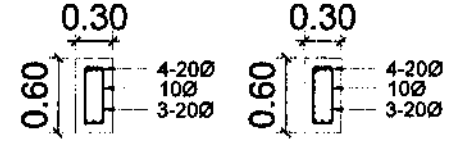
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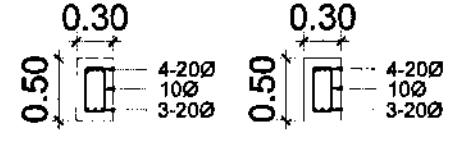
SECOND FLOOR FRAMING PLAN

PROPOSED NEW BEAM

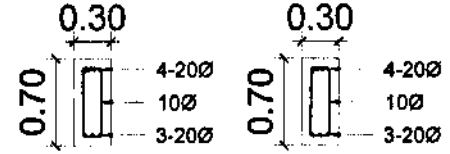
EXISTING BEAM



BEAM 1



BEAM 2



GIRDER 1

SECOND FLOOR BEAM DETAILS

GIRDER BEAM DETAIL

PHILIPPINE PORTS AUTHORITY

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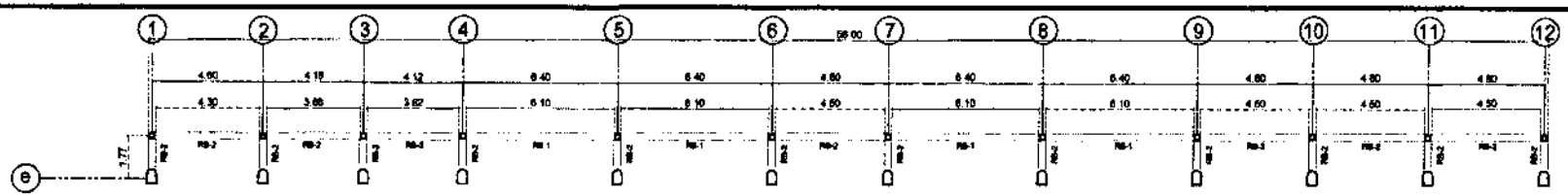
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- SECOND FLOOR FRAMING PLAN
- SECOND FLOOR BEAM DETAILS
- GIRDER DETAILS

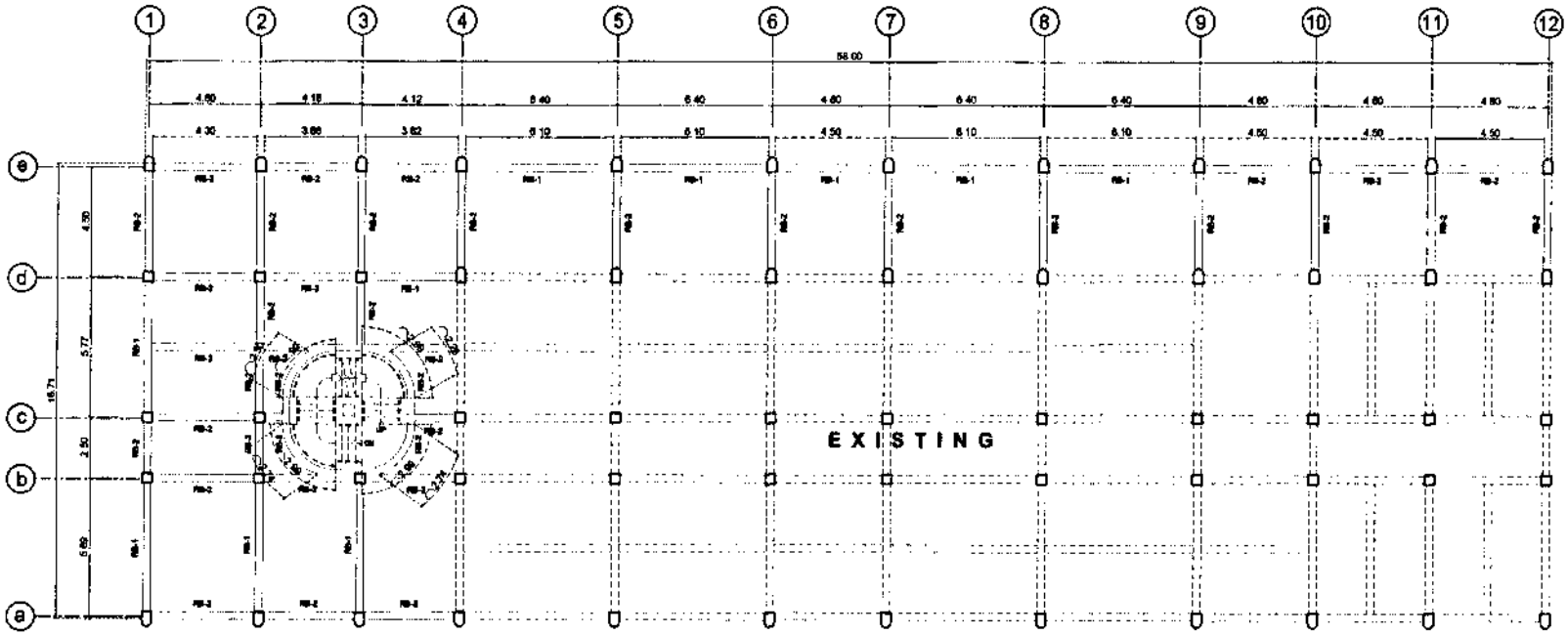
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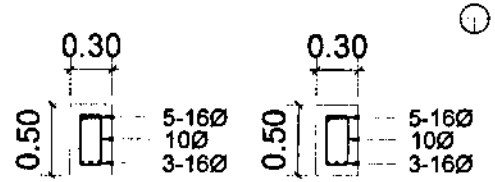
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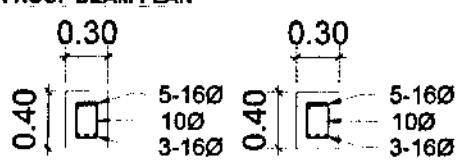


GROUND FLOOR ROOF BEAM PLAN



SECOND FLOOR ROOF BEAM PLAN





PROPOSED NEW BEAM

EXISTING BEAM

ROOF BEAM DETAILS

BAGONG PILIPINAS

PHILIPPINE PORTS AUTHORITY

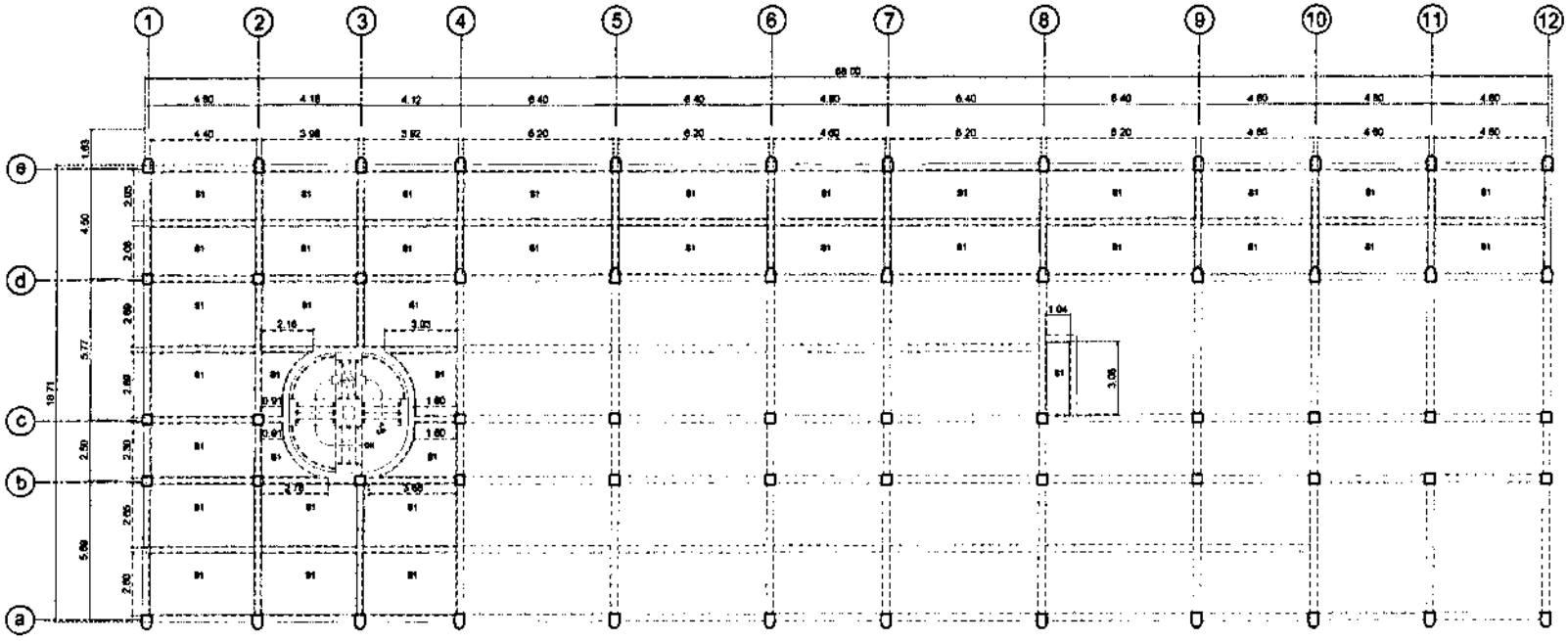
PROJECT TITLE:
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD A. ESPINA	ENGR. ABDURASAD S. HASAN	ENGR. SUBAIR IBTUM	ENGR. REYNALD C. PARARINA	ENGR. JAMES J. GANTALAO
PROJECT ASSISTANT	PROJECT MANAGER	PORT MANAGER	DEPARTMENT MANAGER PORT PLANNING AND DESIGN DEPARTMENT	ASSISTANT REGIONAL MANAGER FOR ENGINEERING

SHEET CONTENT:
- GROUND FLOOR ROOF BEAM
- SECOND FLOOR ROOF BEAM
- ROOF BEAM DETAILS

SHEET NO. 23

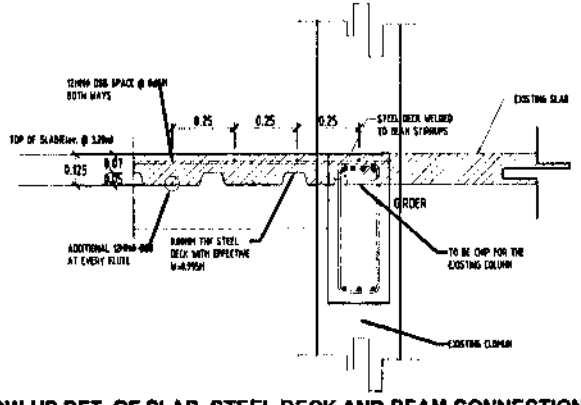
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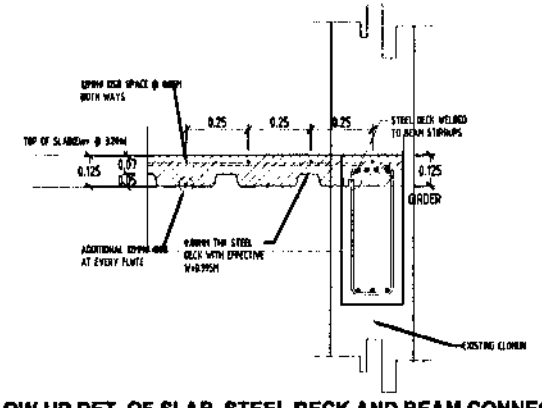
PROPOSED NEW BEAM

EXISTING BEAM

SECOND FLOOR STEEL DECK PLAN



BLOW-UP DET. OF SLAB, STEEL DECK AND BEAM CONNECTION



BLOW-UP DET. OF SLAB, STEEL DECK AND BEAM CONNECTION

BAGONG PILIPINAS

PHILIPPINE PORTS AUTHORITY

PROJECT TITLE:

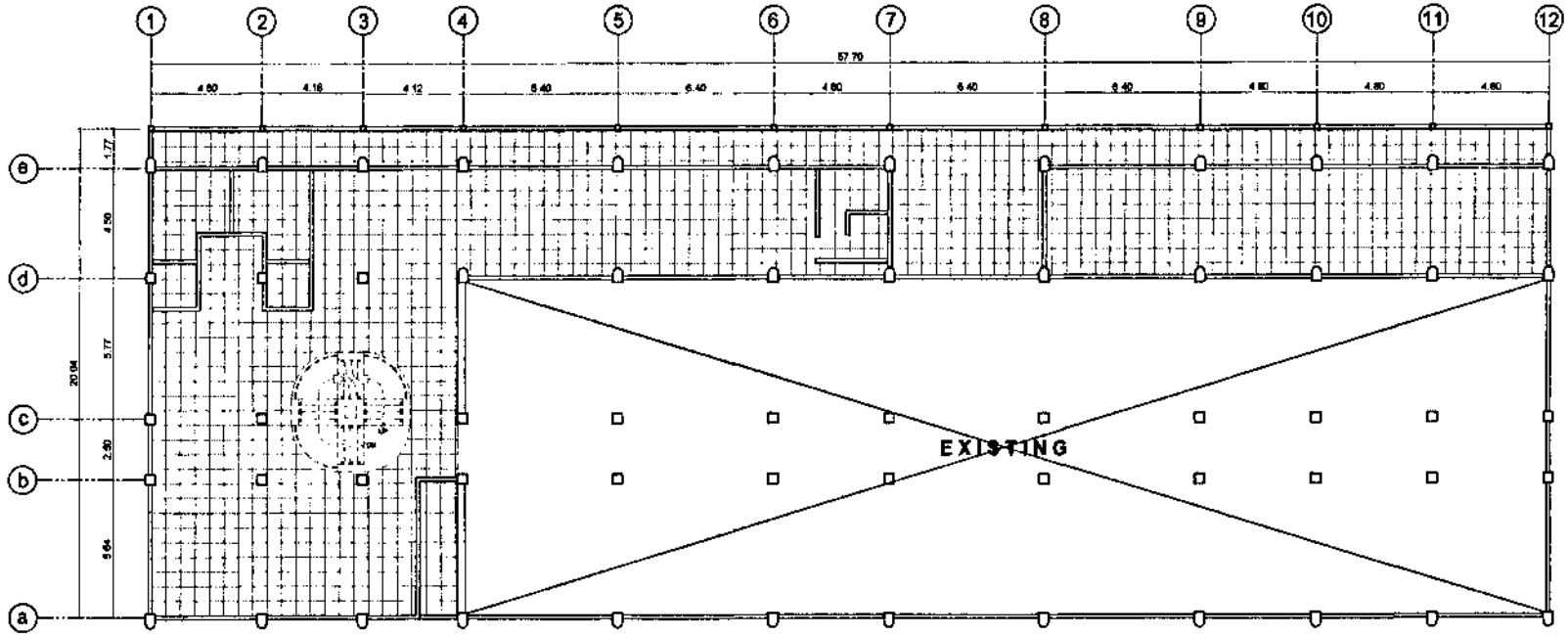
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY	RECOMMENDING APPROVAL	APPROVED BY:
AR. MOHAMMADA ESPINA	ENGR. ABDURASAS S. HASAN	ENGR. SUBAIRIG TUM	ENGR. REYNANDO C. PARAFINA	ENGR. JAMES T. DANTALAO

SHEET CONTENT:

- SECOND FLOOR STEEL DECK PLAN
- BLOW-UP DETAIL OF SLAB, STEEL DECK AND BEAM CONNECTION

SHEET NO. 24 / 54



LEGEND:

GROUND FLOOR REFLECTED CEILING PLAN

SCALE 1:100M

PHILIPPINE PORTS AUTHORITY

BAGONG PILIPINAS

PROJECT TITLE:

CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY	RECOMMENDING APPROVAL	APPROVED BY:
AR. MOHAMMAD A. ESPINA	ENGR. ABDURASAD S. HASAN	ENGR. SUBAIRIO A. IM	ENGR. REYNALD C. PARAFINA	ENGR. JAMES C. CANTALAO

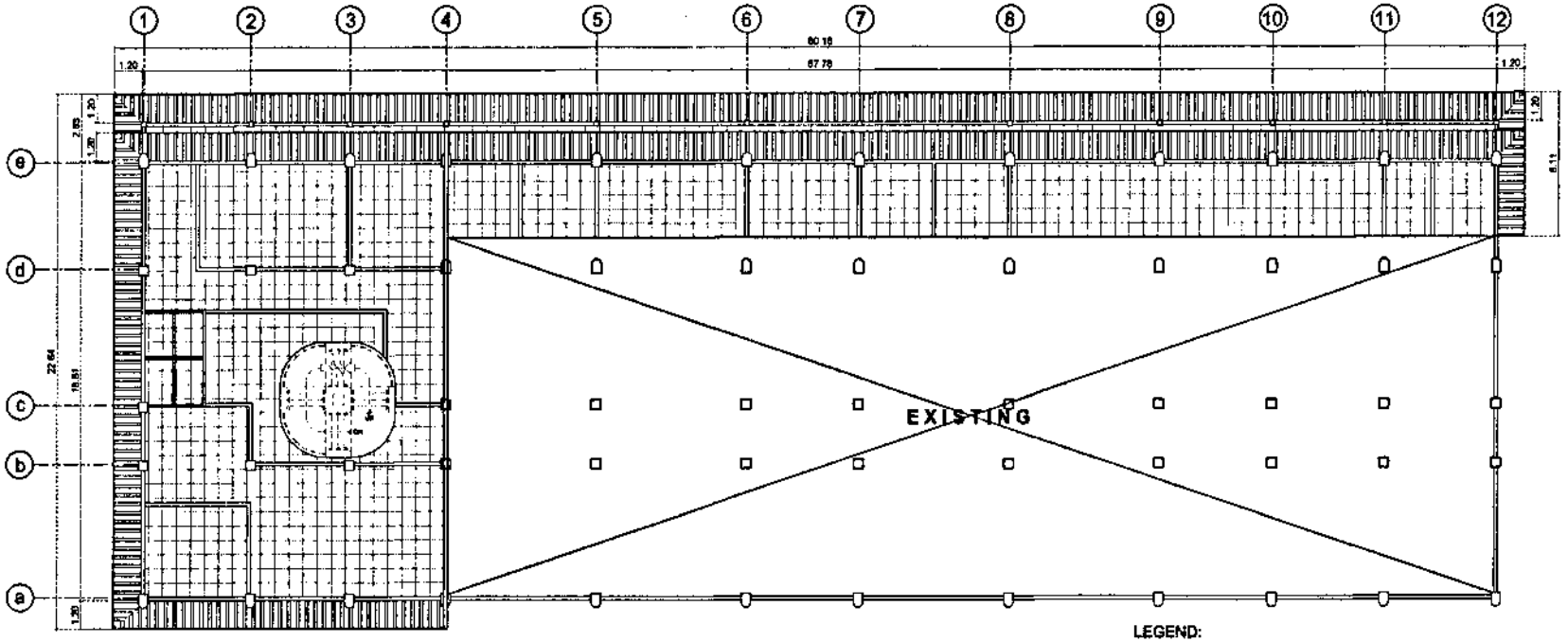
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- GROUND FLOOR REFLECTED CEILING PLAN

SHEET NO.

25

54



SECOND FLOOR REFLECTED CEILING PLAN

BAGONG PILIPINAS

PHILIPPINE PORTS AUTHORITY

PROJECT TITLE:

CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD A. ESPINA	ENGR. ABDURAHMAN S. HASAN	ENGR. SUSANRIO ALIM	ENGR. REYNARD C. PARAFINA	ENGR. JAMES J. GANTALAO

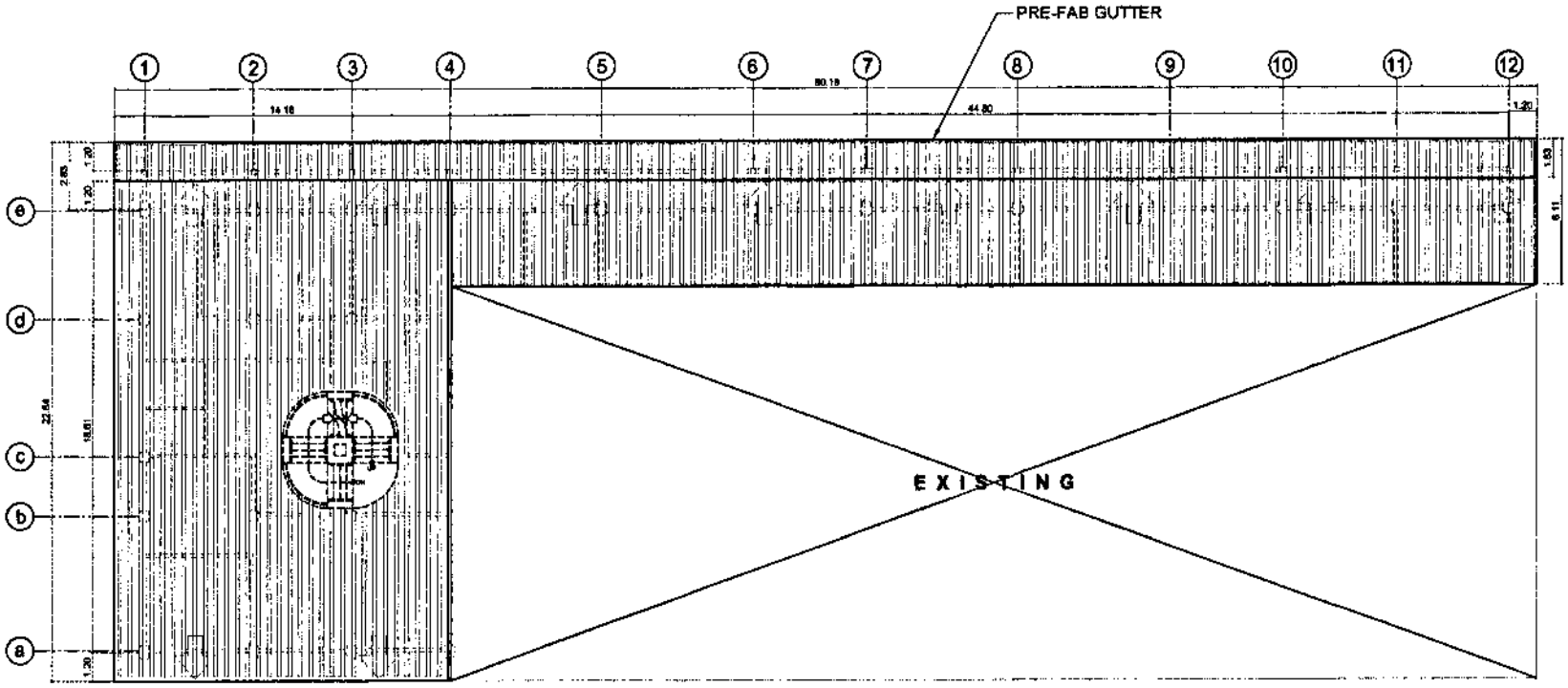
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- SECOND FLOOR REFLECTED CEILING PLAN

SHEET NO.

26

54



ROOF PLAN

BAGONG PILIPINAS

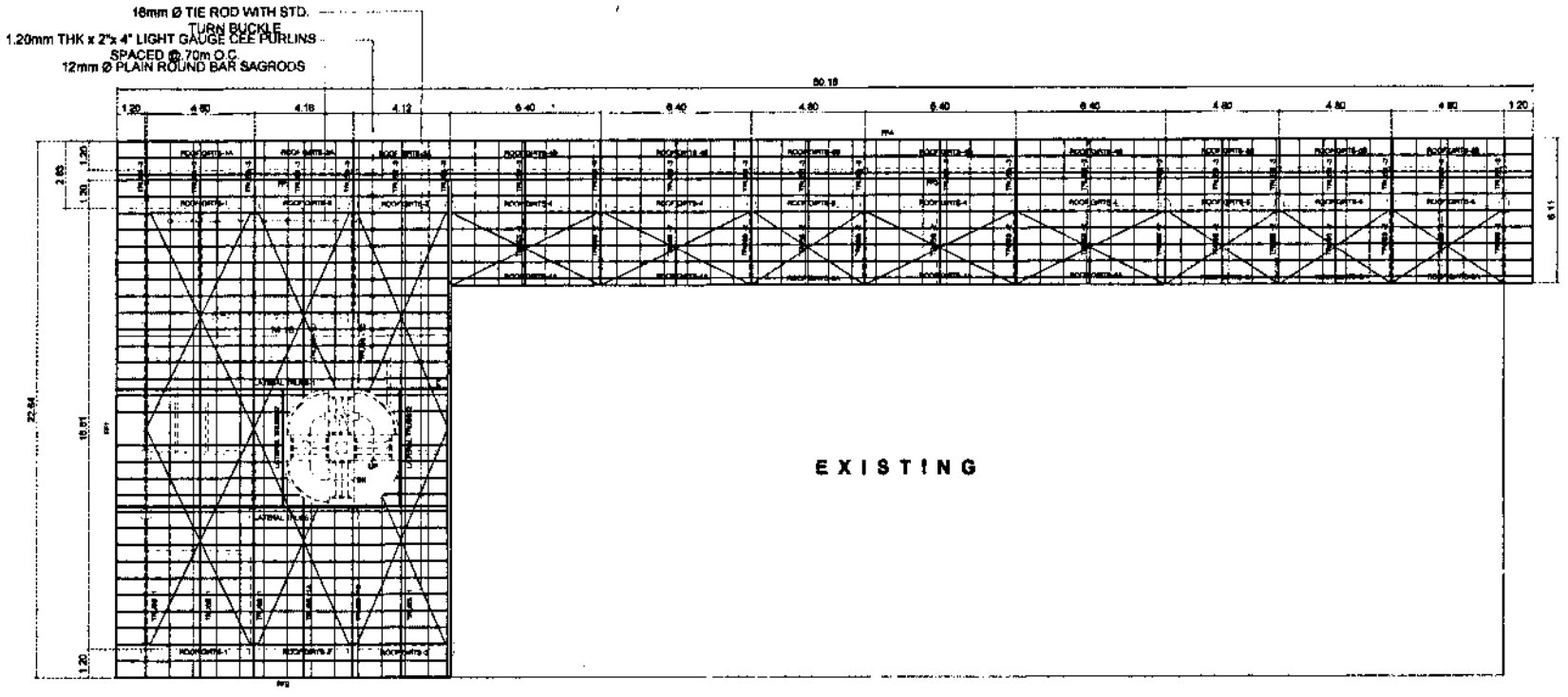
PHILIPPINE PORTS AUTHORITY

PROJECT TITLE:
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY	CHECKED AND REVIEWED BY	SUBMITTED BY	RECOMMENDING APPROVAL	APPROVED BY
AR. MOHAMMAD A. ESPINA	ENGR. ABDURASHID S. HASAN	ENGR. SUBAKRIO T. LIM	ENGR. REYNALD C. PARAFINA	ENGR. JAMES J. GANTALAO

SHEET CONTENT:
- ROOF PLAN

SHEET NO.
27
54



ROOF FRAMING PLAN

BAGONG PILIPINAS

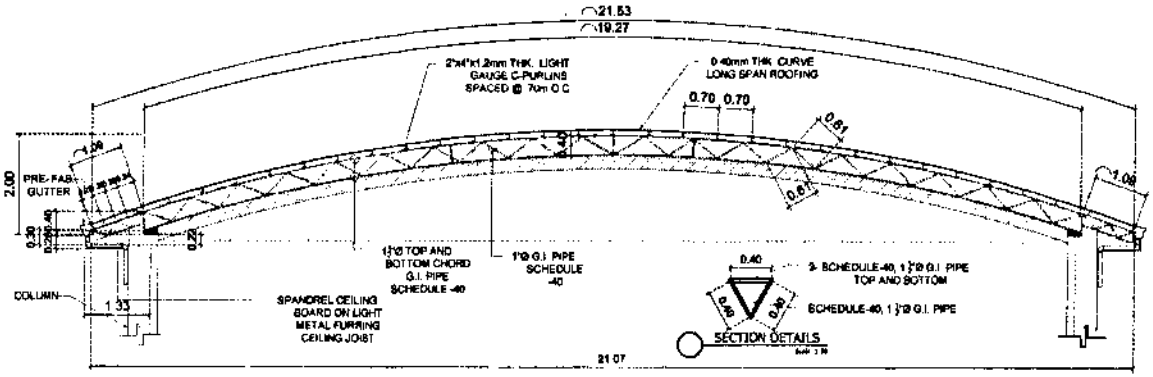
PHILIPPINE PORTS AUTHORITY

PROJECT TITLE: CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

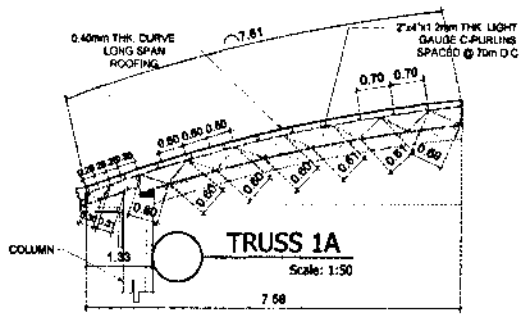
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- ROOF FRAMING PLAN

SHEET NO: 28 / 54

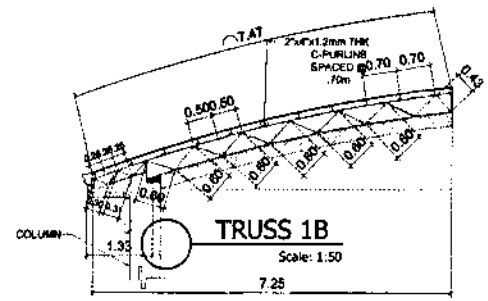
PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD A. ESPINA	ENGR. ABDORAHMAN S. JAMAN	ENGR. SUBAIRIO T. LIM	ENGR. REYNANDO C. PARAFINA	ENGR. JAMES C. GANTALAO



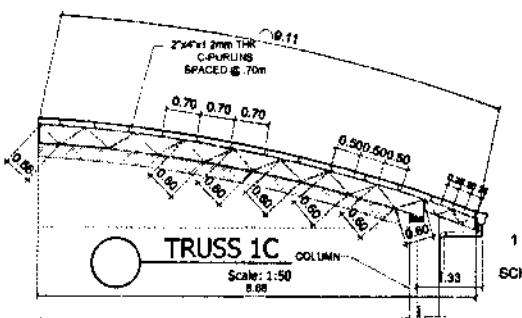
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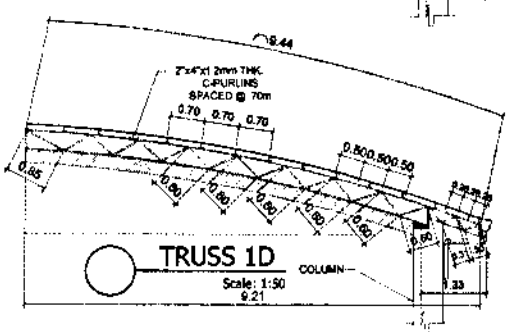
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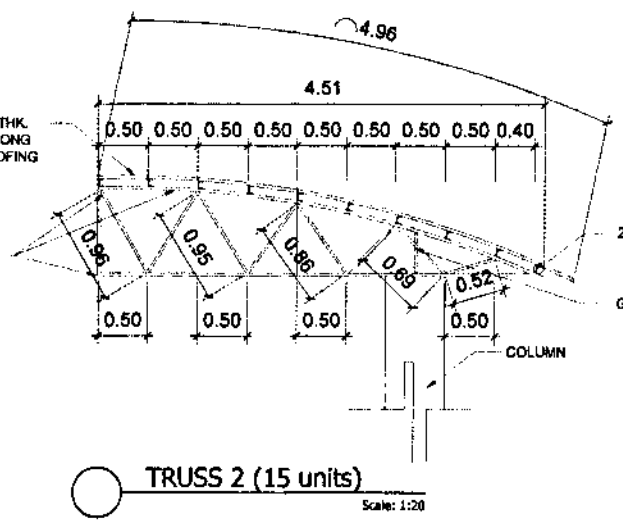
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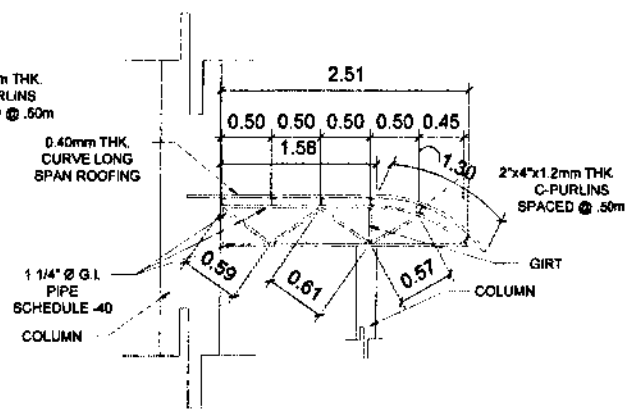
TRUSS 1C
Scale: 1:50



TRUSS 1D
Scale: 1:50



TRUSS 2 (15 units)
Scale: 1:20



TRUSS 3 (23 units)
Scale: 1:20

BAGONG PILIPINAS

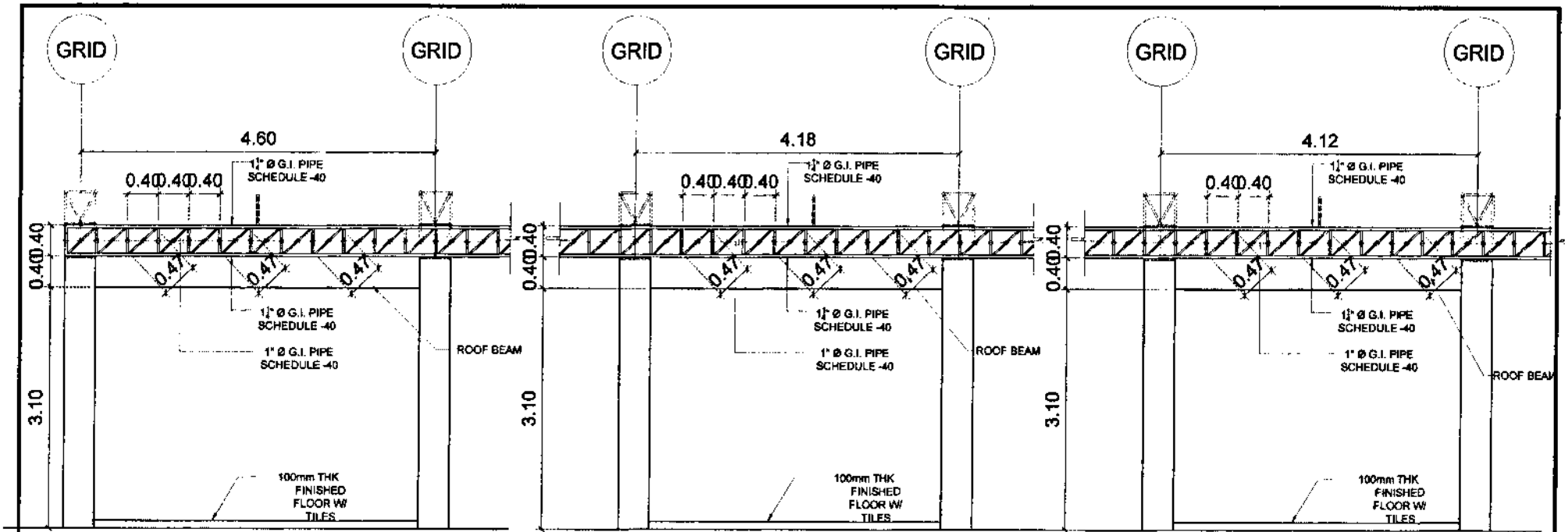
PHILIPPINE PORTS AUTHORITY

PROJECT TITLE:
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD [illegible] ESPINA	ENGR. ABDULRASAD [illegible] HASSAN	ENGR. SUGANRIO [illegible]	ENGR. REYNALDO C. PARAFINA	ENGR. JAMES [illegible] QANTALAO

SHEET CONTENT:
- TRUSS DETAILS

SHEET NO.
29
54



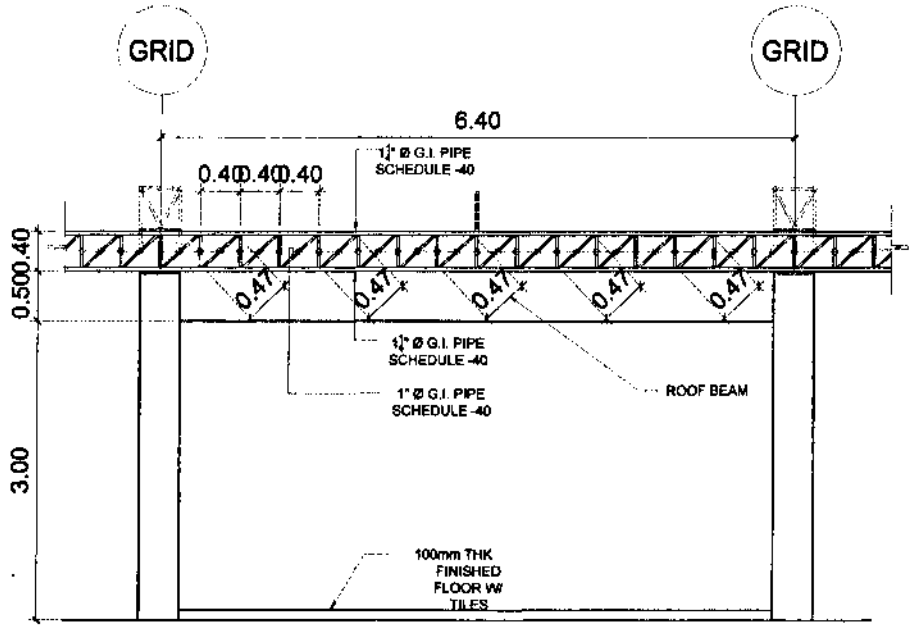
PHILIPPINE PORTS AUTHORITY
BAGONG PILIPINAS

PROJECT TITLE:
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD A. ESPINA	ENGR. ABDURASAD A. HASAN	ENGR. SUBAIRIO L. LIM	ENGR. REYNALD C. PARAFINA	ENGR. JAMES J. SANTALAO

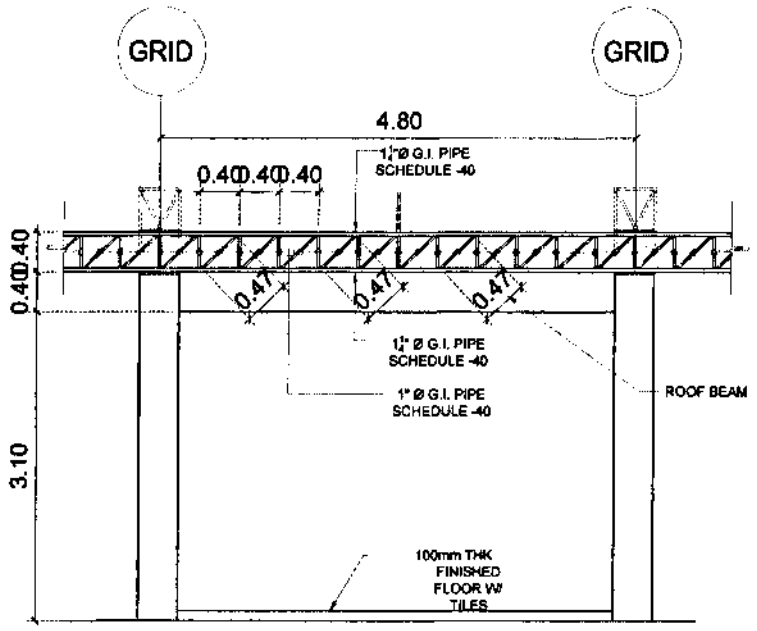
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- GIRT DETAILS

SHEET NO.
30
54



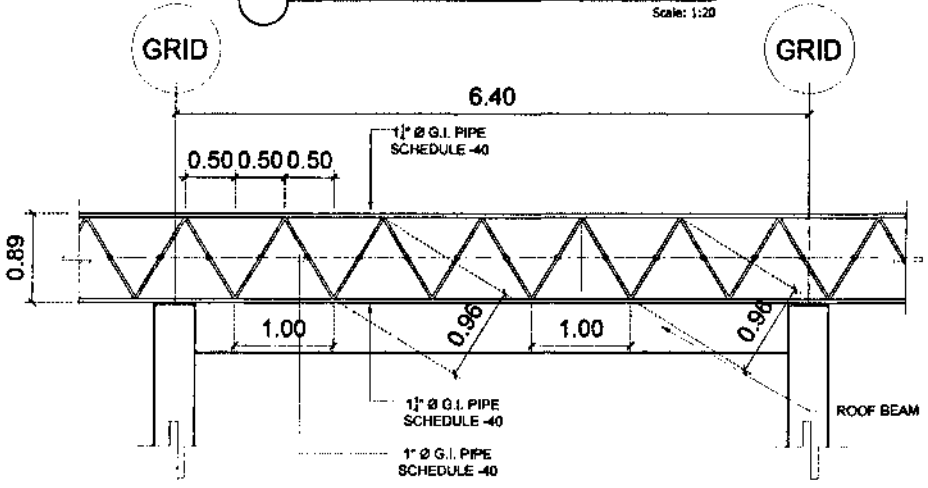
TYPICAL DET. OF GIRT 4 (4 UNITS)

Scale: 1:20



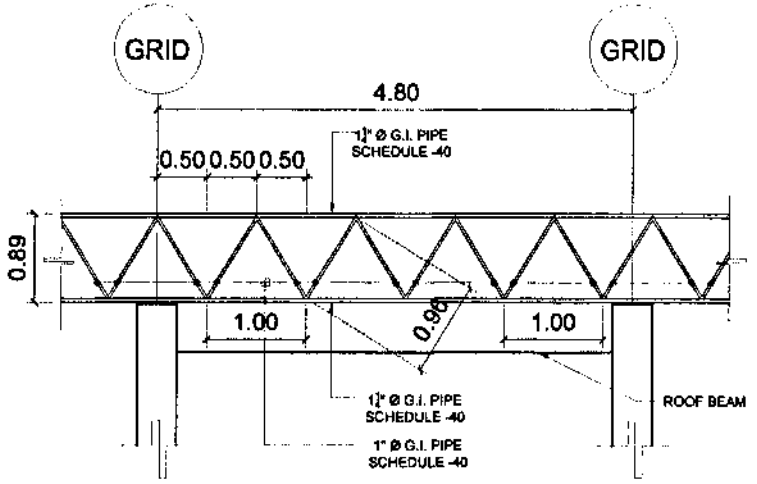
TYPICAL DET. OF GIRT 5 (4 UNITS)

Scale: 1:20



TYPICAL DET. OF GIRT 4A (4 UNITS)

Scale: 1:20



TYPICAL DET. OF GIRT 5A (4 UNITS)

Scale: 1:20

PHILIPPINE PORTS AUTHORITY

BAGONG PILIPINAS

PROJECT TITLE:

CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING

Port of Dapitan, Dapitan City, Zamboanga Del Norte

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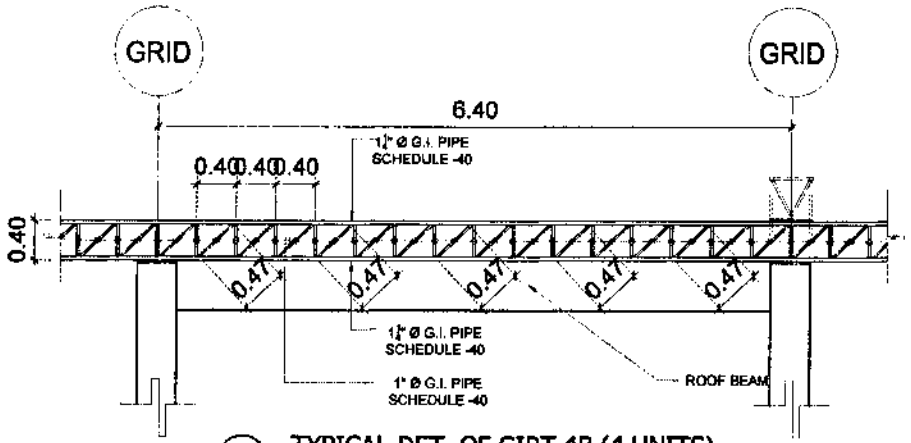
- GIRT DETAILS

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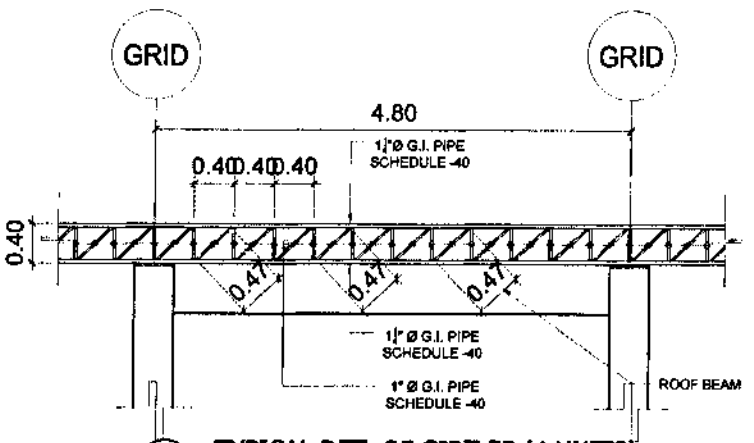
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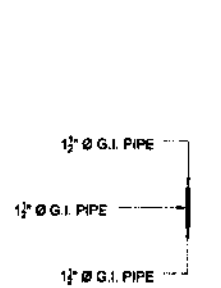
PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD A. ESPINA	ENGR. ABDURASID B. HASAN	ENGR. SUBARRIO A. LIM	ENGR. REYNALD C. PARAFINA	ENGR. JAMES J. GANTALAO
PROJECT CONSULTANT (CIVIL)	ENTERPRISE ANALYST IV	PORT MANAGER	DEPARTMENT MANAGER (PORT PLANNING AND DESIGN DEPARTMENT)	ASSISTANT GENERAL MANAGER FOR ENGINEERING



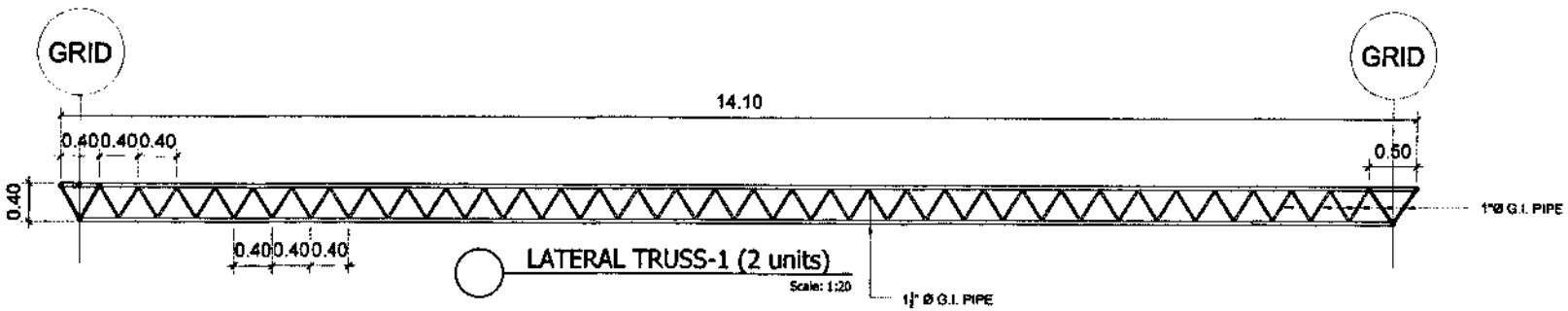
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Scale: 1:20



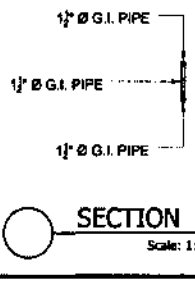
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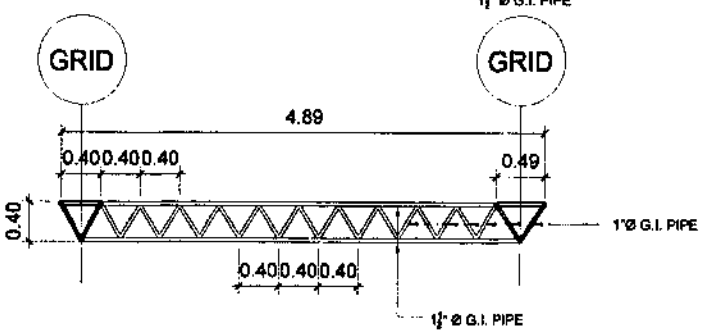
SECTION
Scale: 1:20



LATERAL TRUSS-1 (2 units)
Scale: 1:20



SECTION
Scale: 1:20



LATERAL TRUSS-2 (2 units)
Scale: 1:20

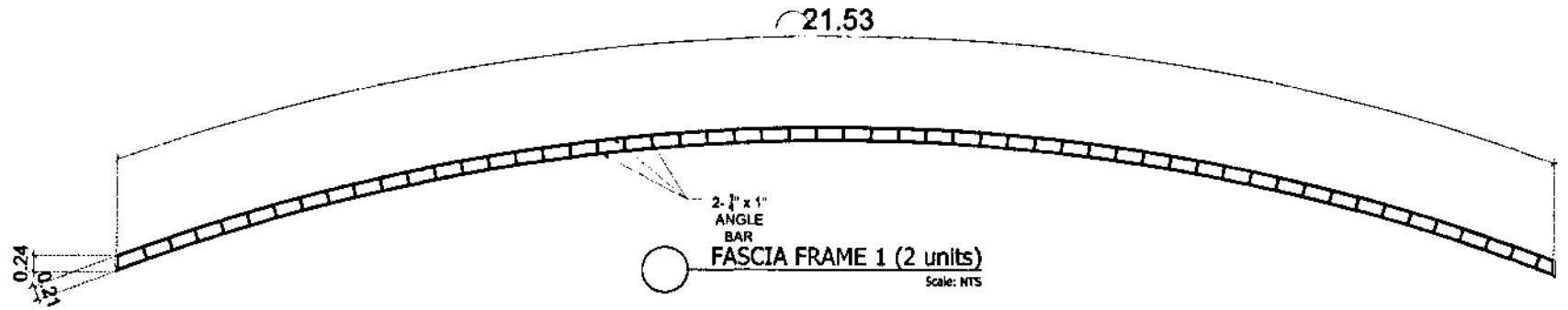
PHILIPPINE PORTS AUTHORITY
BAGONG PILIPINAS

PROJECT TITLE
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

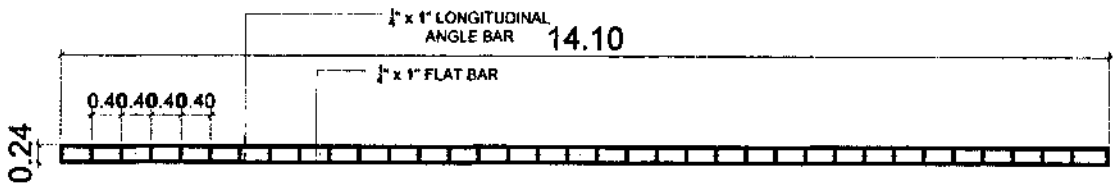
PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD J. ESPINA	ENGR. ABDURAHMAD S. HASAN	ENGR. BUSAMRIO I. SM	ENGR. REYNALD C. PARARINA	ENGR. JAMES J. GANTALAO

SHEET CONTENT:
- GIRT DETAILS
- LATERAL DETAILS

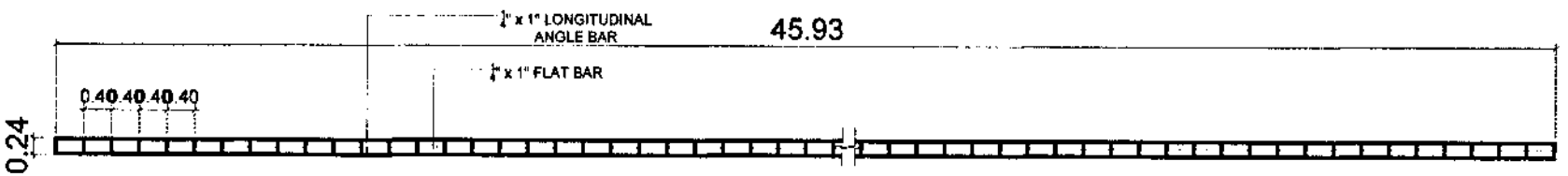
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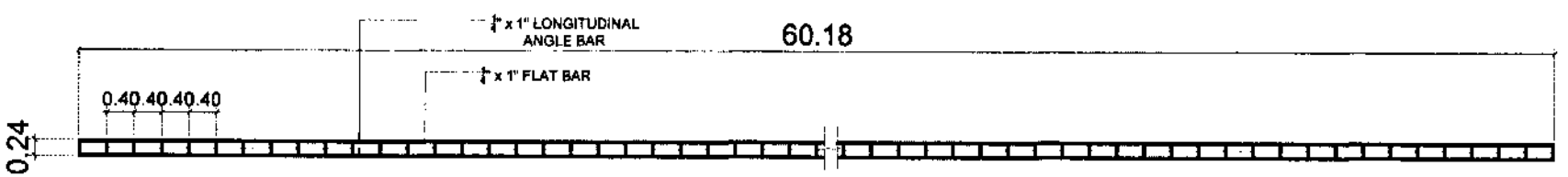
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Scale: NTS



FASCIA FRAME 2 (2 units)
Scale: NTS



FASCIA FRAME 3
Scale: NTS



FASCIA FRAME 4
Scale: NTS

BAGONG PILIPINAS

PHILIPPINE PORTS AUTHORITY

PROJECT TITLE: CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

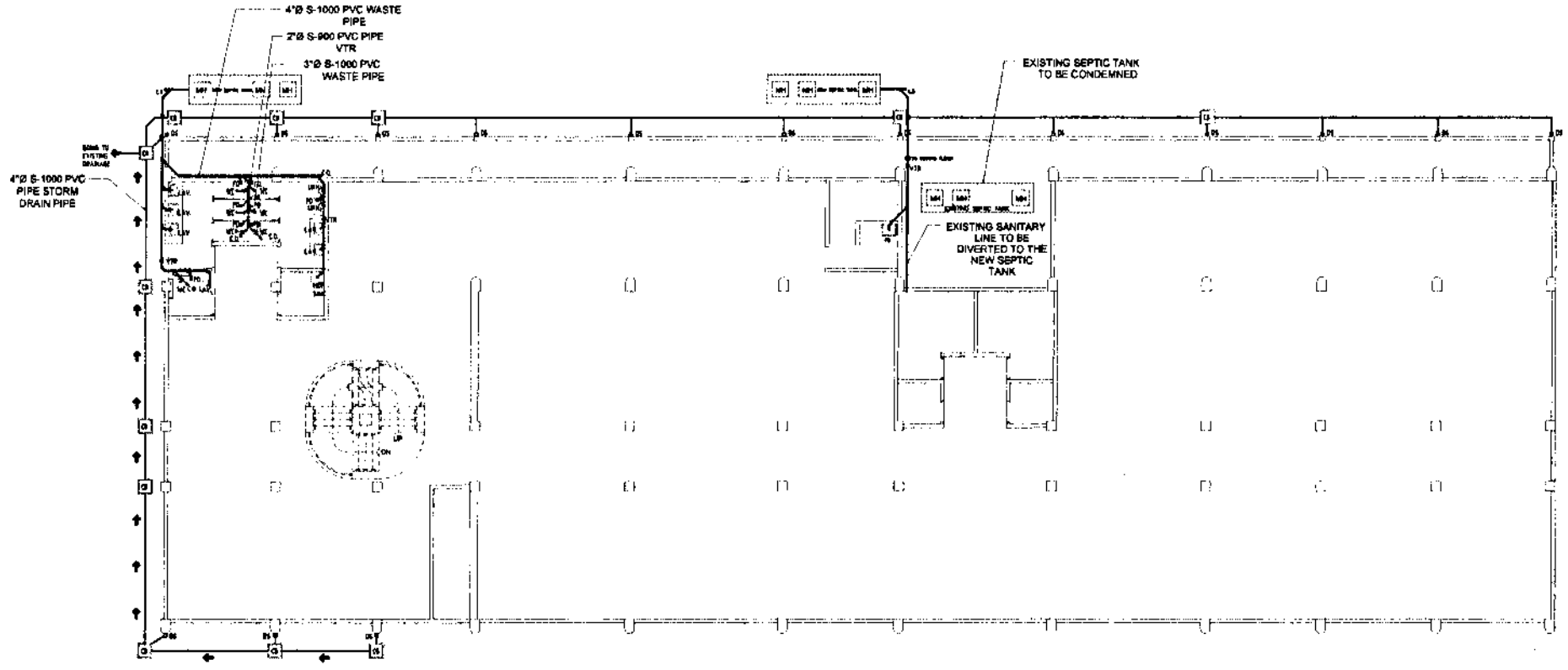
PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD A. ESPINA	ENGR. ABDULMAJID S. AMBAN	ENGR. SUBAIRIO KUM	ENGR. REYNANDO C. PARAFINA	ENGR. JAMES J. GANTALAO
PROJECT ARCHITECT, PCPA	PMO MANAGER, PCPA	PMO MANAGER PAG-ASA	DEPARTMENT MANAGER PORT PLANNING AND DESIGN DEPARTMENT	ASSISTANT GENERAL MANAGER FOR ENGINEERING

SHEET CONTENT: FASCIA DETAILS

SHEET NO: 33

54

REV'D 12 2024



GROUND FLOOR
PLUMBING LAY-OUT PLAN (SANITARY LINE)

BAGONG PILIPINAS

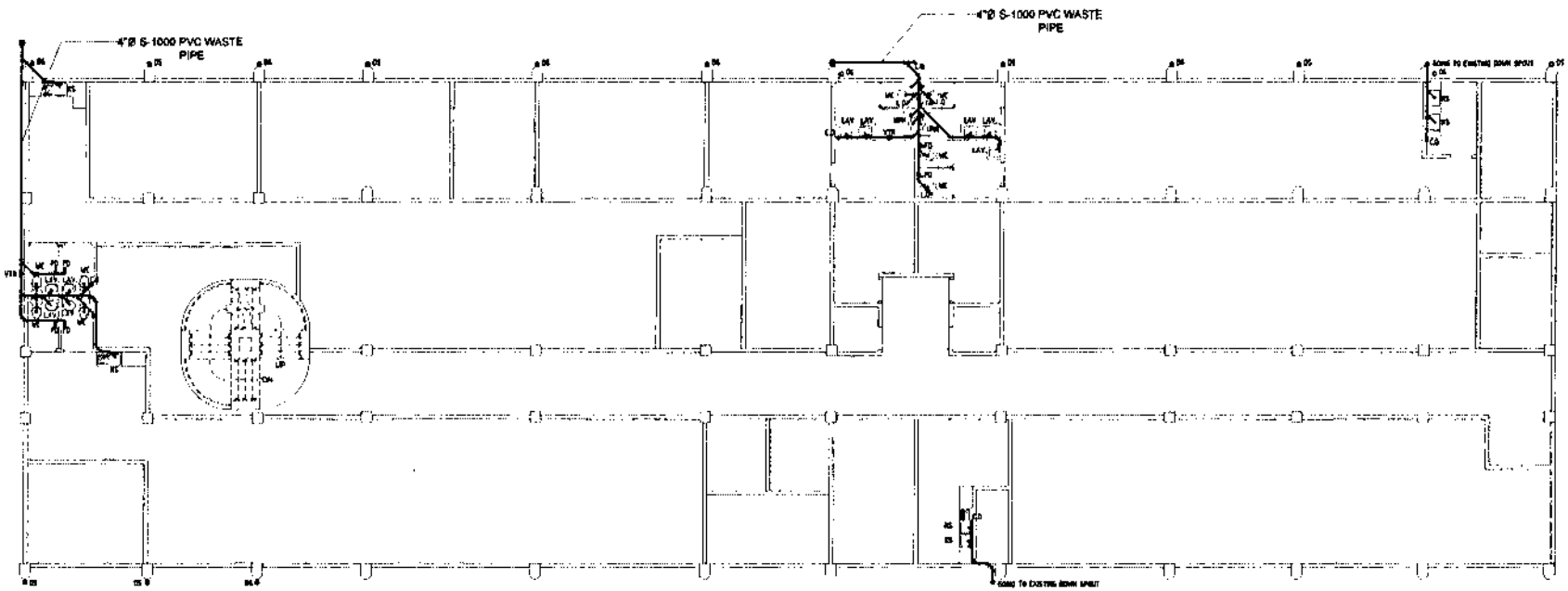
PHILIPPINE PORTS AUTHORITY

PROJECT TITLE: CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMADA ESPINA	ENGR. ABDURASAD S. HASAN	ENGR. SUBARRIO T. LIM	ENGR. REYNALD C. PARAFINA	ENGR. JAMES J. GANTALAO
			DEPARTMENT MANAGER PORT PLANNING AND DESIGN DEPARTMENT	ASSISTANT GENERAL MANAGER FOR ENGINEERING

SHEET CONTENT: GROUND FLOOR PLUMBING LAYOUT PLAN (SANITARY LINE)

SHEET NO: 34
54



SECOND FLOOR
PLUMBING LAY-OUT PLAN (SANITARY LINE)
SCALE 1:100

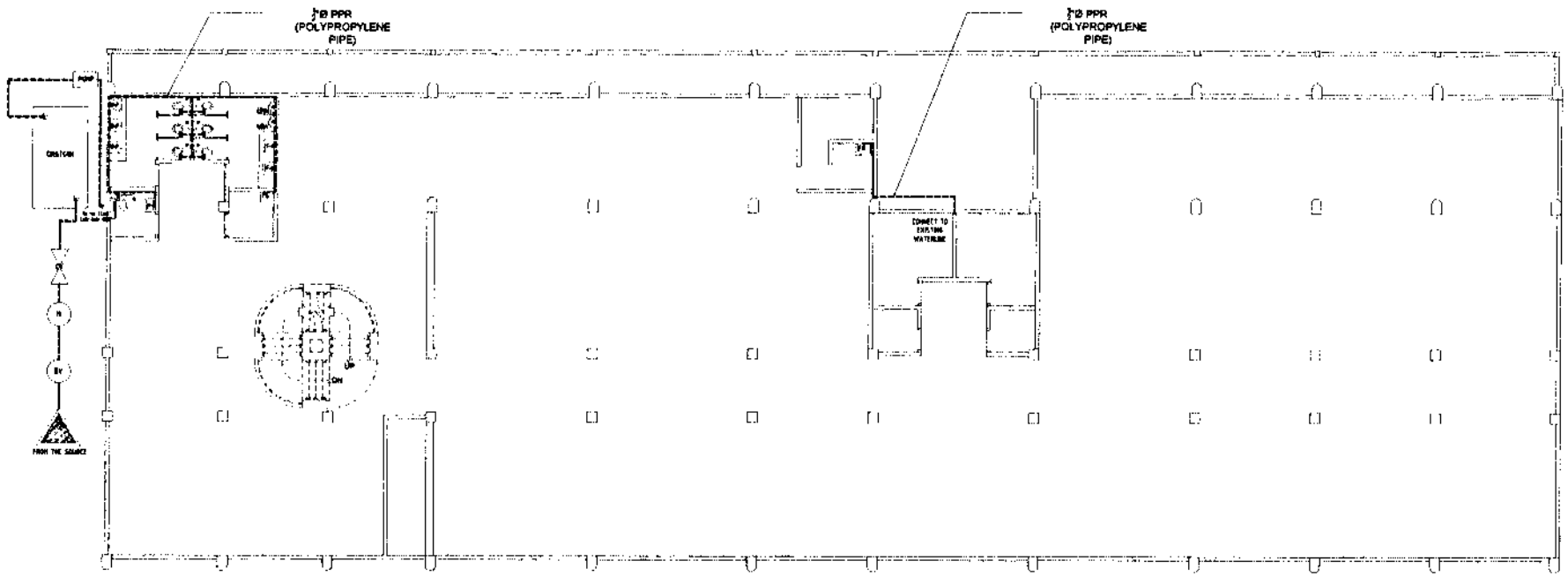
BAGONG PILIPINAS
PHILIPPINE PORTS AUTHORITY

PROJECT TITLE:
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD [illegible] ESPINA	ENGR. ABDURASAD S. HASAN	ENGR. SUBAIRIO T. LIM	ENGR. REYNANDO C. PARAFINA	ATTY. JAMES B. GANTALAO
			DEPARTMENT MANAGER PORT PLANNING AND DESIGN DEPARTMENT	ASSISTANT GENERAL MANAGER FOR ENGINEERING

SHEET CONTENT
SECOND FLOOR PLUMBING LAYOUT PLAN (SANITARY LINE)

SHEET NO
35
54



GROUND FLOOR
PLUMBING LAY-OUT PLAN (WATER LINE)

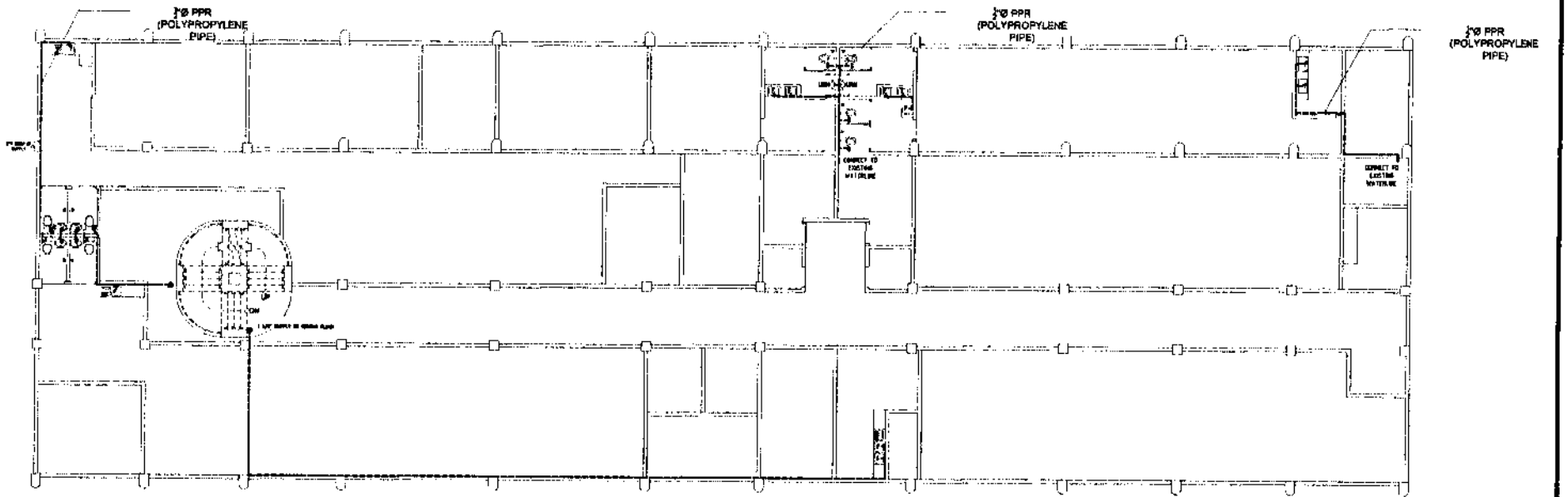
PHILIPPINE PORTS AUTHORITY
BAGONG PILIPINAS

PROJECT TITLE:
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY	SUBMITTED BY	RECOMMENDING APPROVAL	APPROVED BY
AR MOHAMMAD A. ESPINA	ENGR. ABDURASAD S. HASAN	ENGR. SOBAIRIO LUM	ENGR. REYNALDO C. PARAFINA	ENGR. JAMES J. CANTALAO

SHEET CONTENT:
- GROUND FLOOR PLUMBING LAYOUT PLAN (WATER LINE)

SHEET NO
36
54



SECOND FLOOR
PLUMBING LAY-OUT PLAN (WATER LINE)

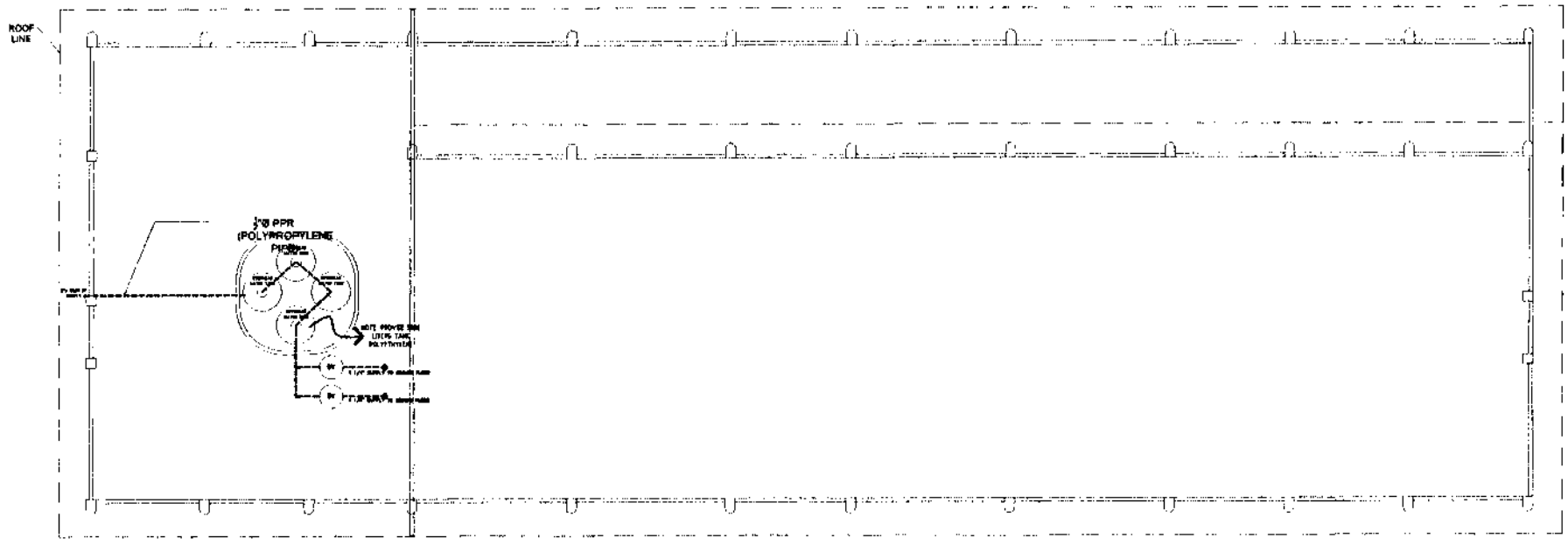
PHILIPPINE PORTS AUTHORITY
BAGONG PILIPINAS

PROJECT TITLE:
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY	RECOMMENDING APPROVAL	APPROVED:
AR. MOHAMMAD A. ESPINA	ENGR. ABDURASAD G. HASAN	ENGR. SUBAIRIO J. SIM	ENGR. REYNARD C. PARAFINA	ENGR. JAMES J. CANTALAO
DISTRICT ARCHITECT A PCOE	PORT MANAGER PAGADIAN	PORT MANAGER PAGADIAN	DEPARTMENT MANAGER PORT PLANNING AND DESIGN DEPARTMENT	ASSISTANT GENERAL MANAGER FOR ENGINEERING

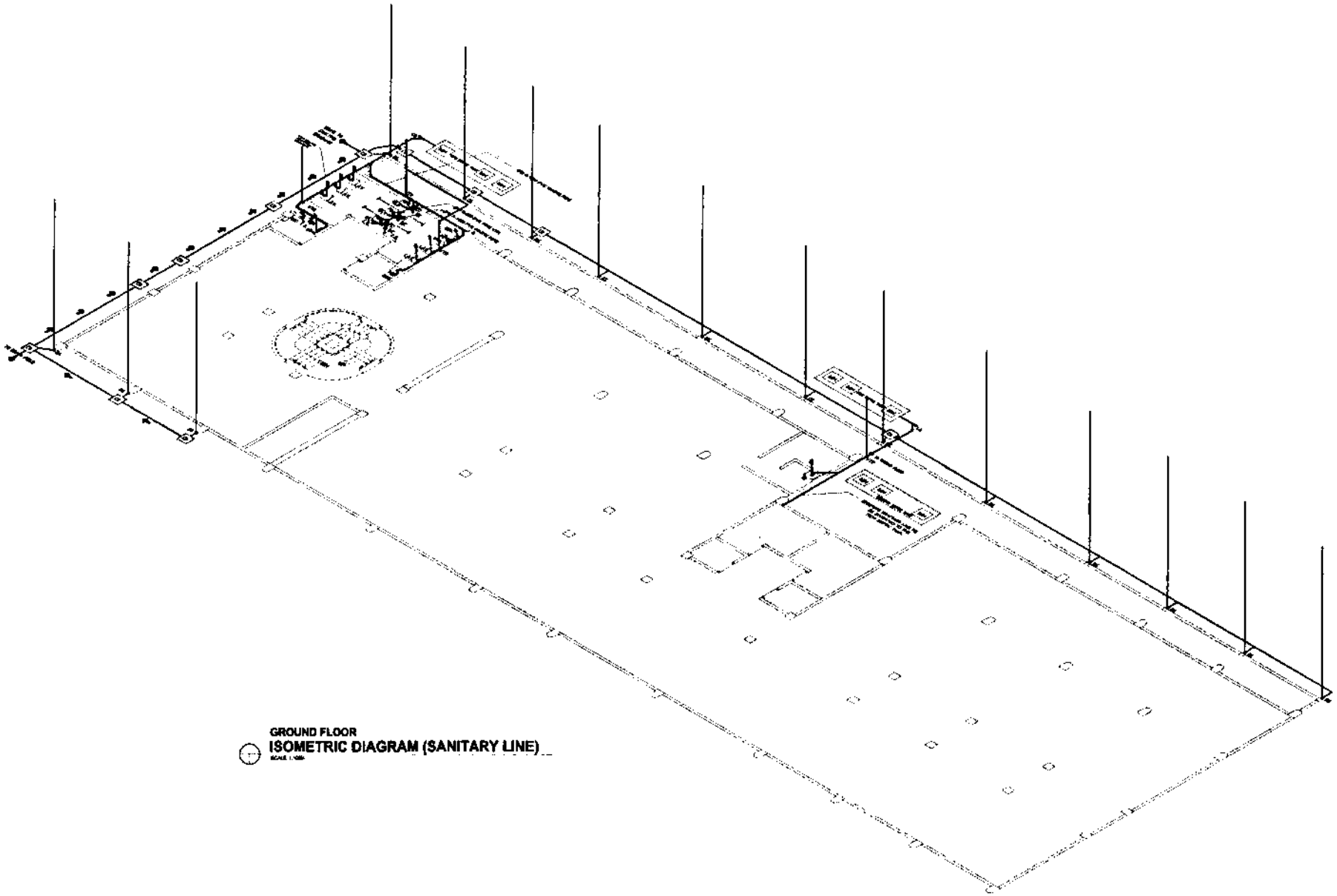
SHEET CONTENT:
- SECOND FLOOR PLUMBING LAYOUT PLAN (WATER LINE)

SHEET NO.
37
54
APR 12 2024



STAIRCASE ROOF DECK
PLUMBING LAY-OUT PLAN (WATER LINE)

BAGONG PILIPINAS / PHILIPPINE PORTS AUTHORITY	PROJECT TITLE: CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING Port of Dapitan, Dapitan City, Zamboanga Del Norte				SHEET CONTENT: · STAIRCASE ROOF DECK PLUMBING LAYOUT PLAN (WATER LINE)	SHEET NO. 38 / 54
	PREPARED BY: AR. MOHAMMAD A. ESPINA	CHECKED AND REVIEWED BY: ENGR. ABDURAHMAD B. HASAN	SUBMITTED BY: ENGR. SUBARKO T. LIM	RECOMMENDING APPROVAL: ENGR. REYNALD C. PARAFINA DEPARTMENT MANAGER PORT PLANNING AND DESIGN DEPARTMENT	APPROVED BY: ENGR. JAMES J. GANTALAO	



GROUND FLOOR
ISOMETRIC DIAGRAM (SANITARY LINE)

BAGONG PILIPINAS

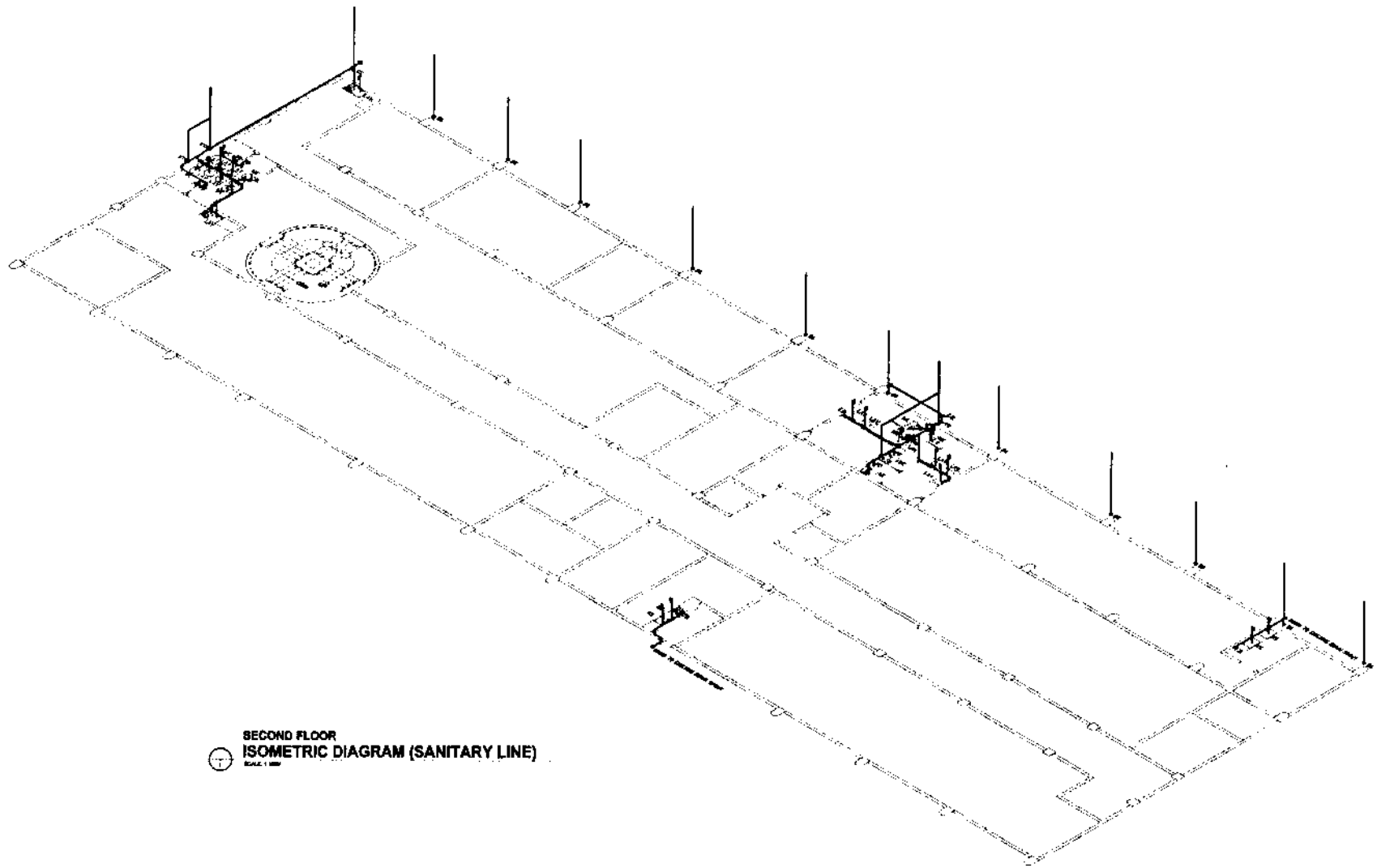
PHILIPPINE PORTS AUTHORITY

PROJECT TITLE:
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Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD A. ESPINA	ENGR. ABDULRASID S. HASAN	ENGR. SUBAIRIO T. UM	ENGR. REYNALD C. PARAFINA	ENGR. JAMES J. GANTALAO

SHEET CONTENT:
- GROUND FLOOR ISOMETRIC DIAGRAM (SANITARY LINE)

SHEET NO.
39
54



SECOND FLOOR
ISOMETRIC DIAGRAM (SANITARY LINE)

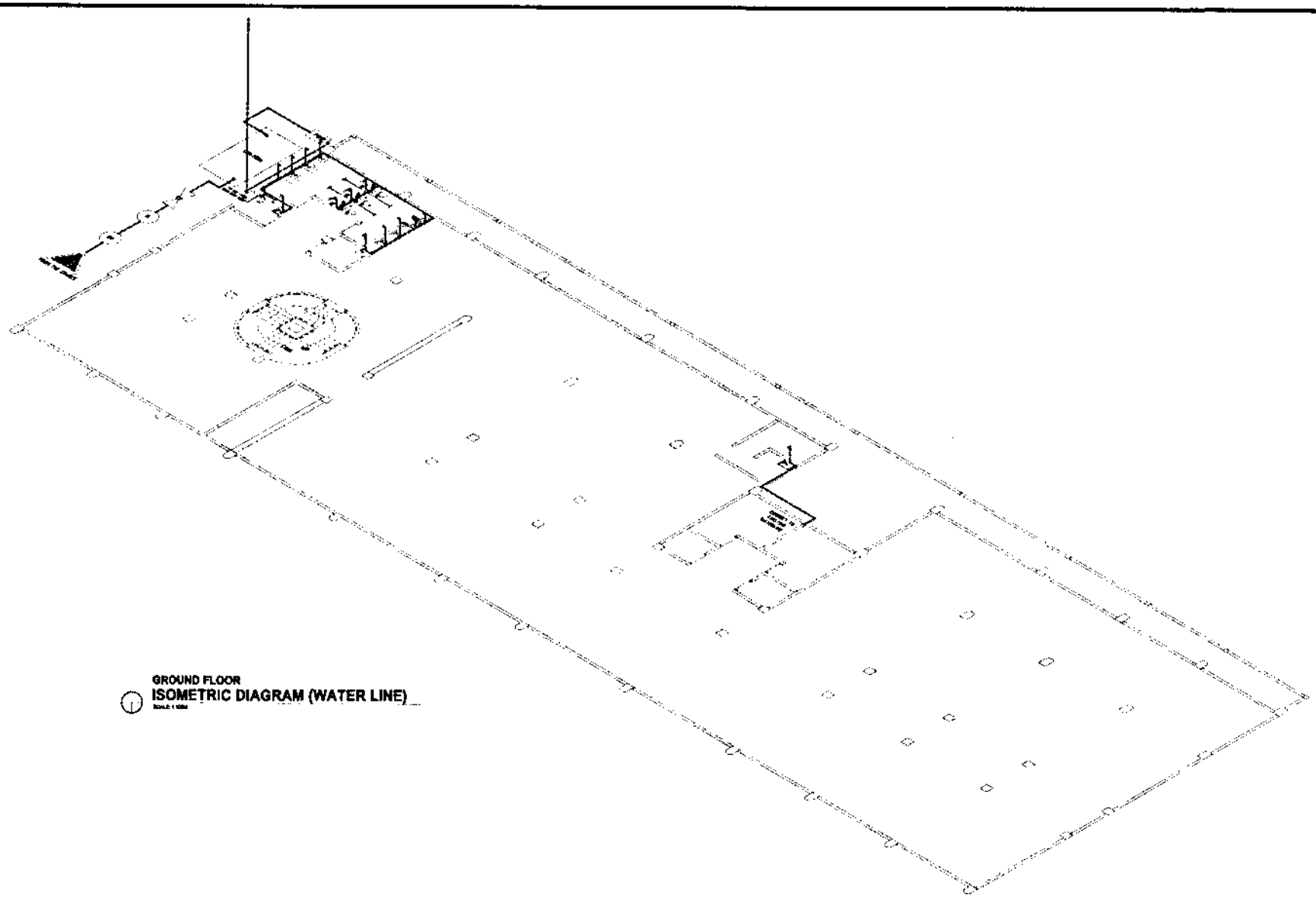
PHILIPPINE PORTS AUTHORITY
BAGONG PILIPINAS

PROJECT TITLE:
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Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD A. ESPINA	ENGR. ABDULRAHAD S. HABAN	ENGR. SUSANRICO LIM	ENGR. REYNALD C. PARAFINA	ENGR. JAMES C. GANTALAO

SHEET CONTENT:
- SECOND FLOOR ISOMETRIC DIAGRAM (WASTE PIPE LINE)

SHEET NO
40
54



GROUND FLOOR
ISOMETRIC DIAGRAM (WATER LINE)

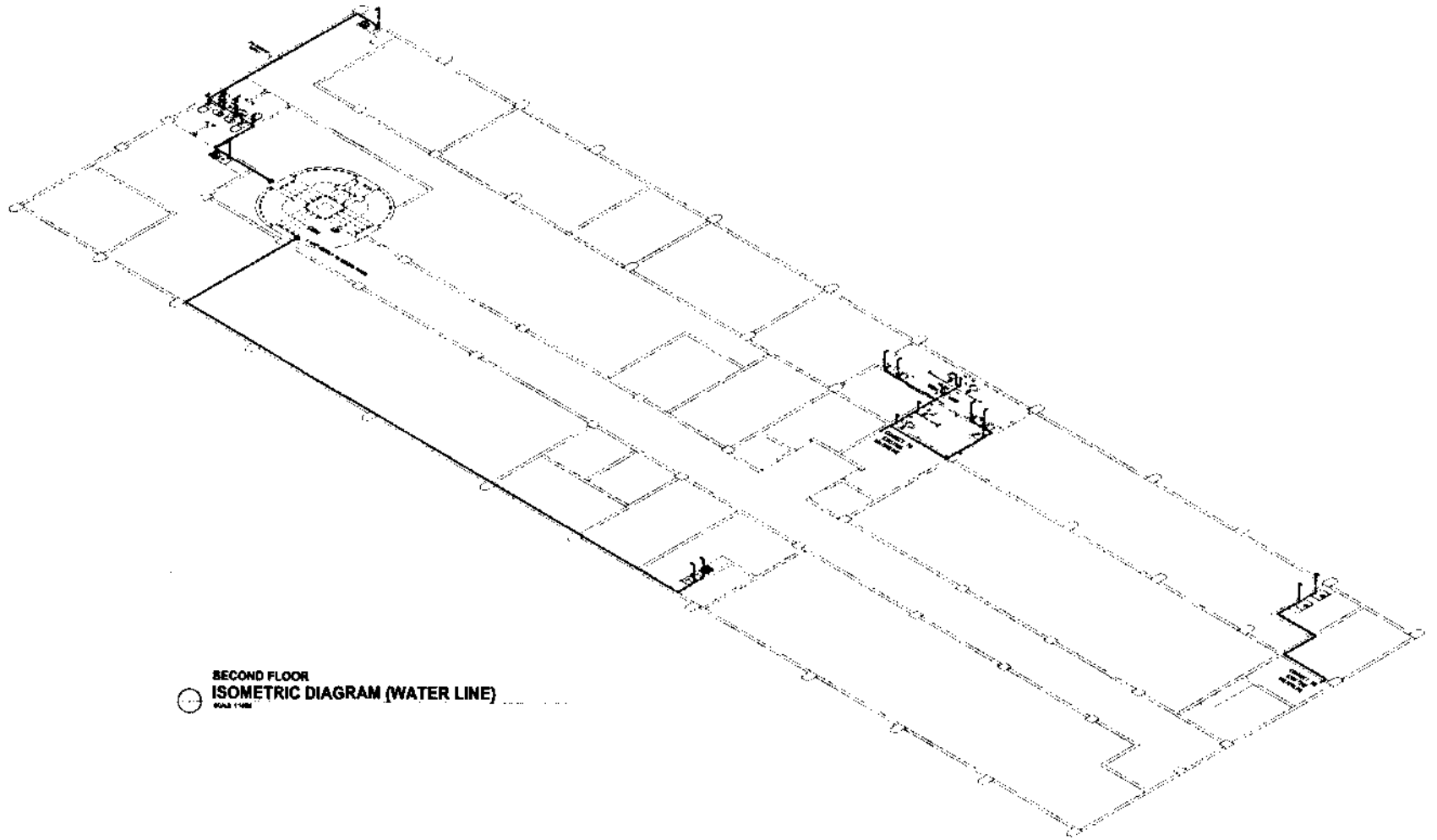
PHILIPPINE PORTS AUTHORITY
BAGONG PILIPINAS

PROJECT TITLE:
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PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD A. ESPINA	ENGR. ABDURASAD S. HASAN	ENGR. SUBAIRIO M. IM	ENGR. REYNANDO C. PARAFINA	ENGR. JAMES J. GANTALAO

SHEET CONTENT:
- GROUND FLOOR ISOMETRIC DIAGRAM (WATER LINE)

SHEET NO
41
54



SECOND FLOOR
ISOMETRIC DIAGRAM (WATER LINE)

BAGONG PILIPINAS

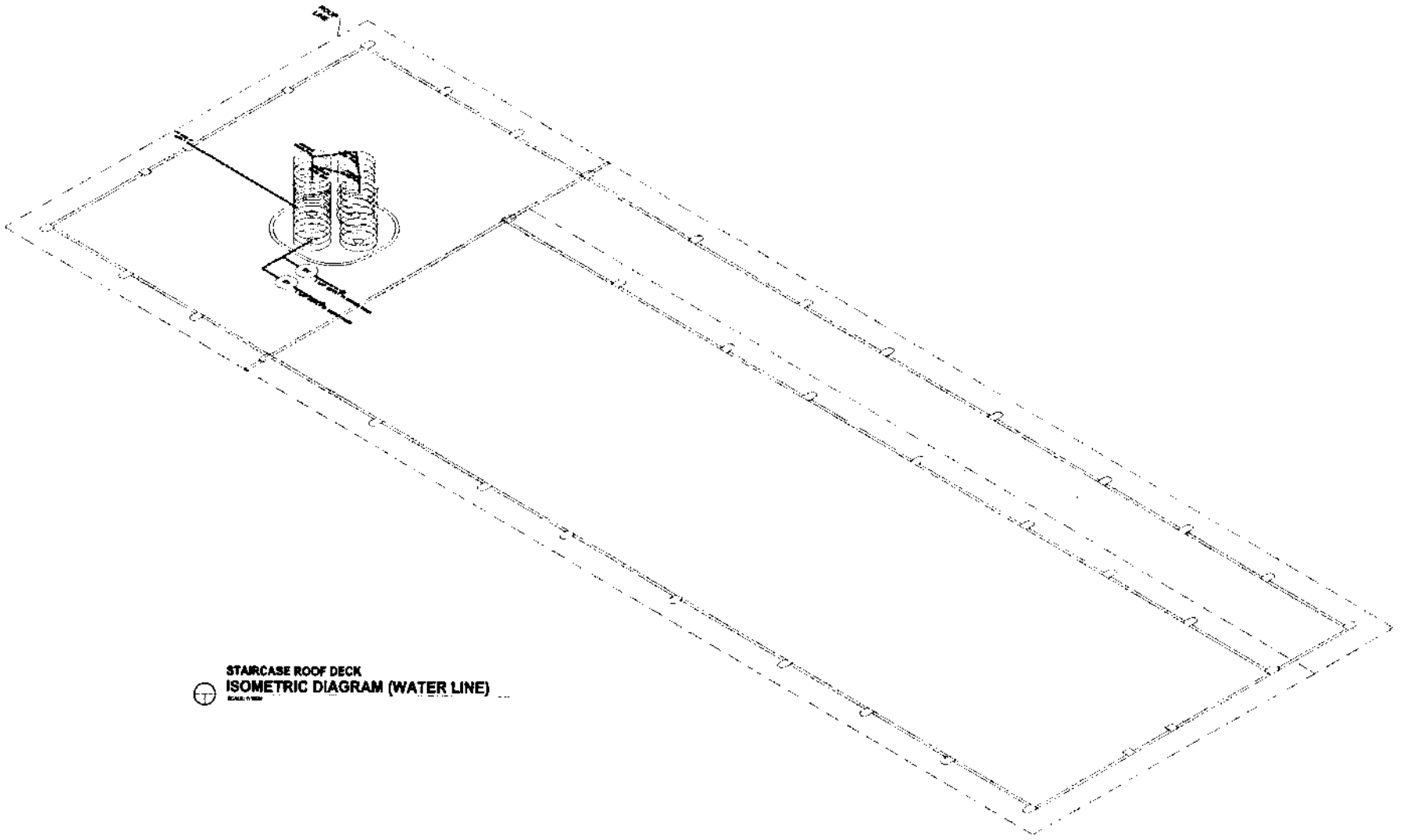
PHILIPPINE PORTS AUTHORITY

PROJECT TITLE:
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PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD A. ESPINA	ENGR. ABDURAHAD S. HASAN	ENGR. SUBAIRIO NUM	ENGR. REYNANTE B. PARAFINA	ATTY. JAMES J. GANTALAO

SHEET CONTENT:
- SECOND FLOOR ISOMETRIC DIAGRAM (WATER LINE)

SHEET NO.
42
54



STAIRCASE ROOF DECK
ISOMETRIC DIAGRAM (WATER LINE)

BAGONG PILIPINAS

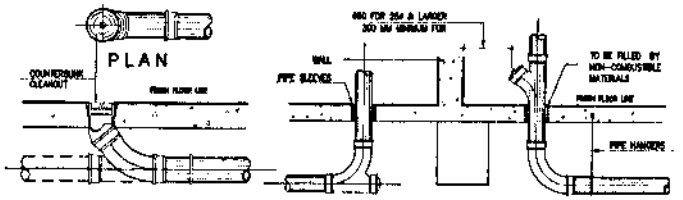
PHILIPPINE PORTS AUTHORITY

PROJECT TITLE:
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Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD A. ESPINA	ENGR. ABDULAGALI S. HASAN	ENGR. SUBAIRI C. LIM	ENGR. REYNALD O. PARAFINA	ENGR. JAMES J. SANTALAO
PROJECT ASSISTANT II (CPA)	PMO MANAGER, PMO-DPN	PORT MANAGER, PMO-DPN	DEPARTMENT MANAGER PORT PLANNING AND DESIGN DEPARTMENT	ASST. GENERAL MANAGER FOR ENGINEERING

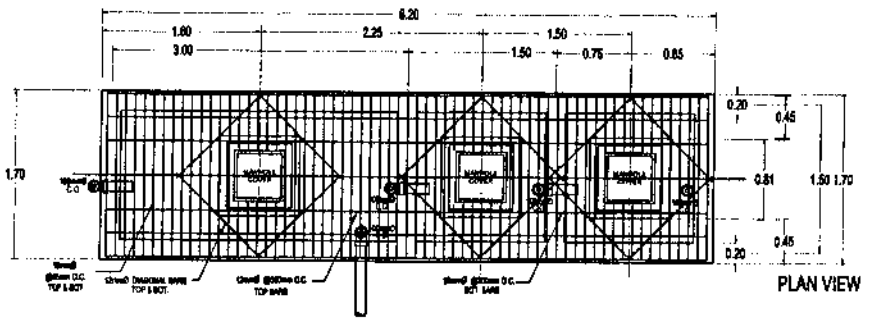
SHEET CONTENT:
- STAIRCASE ROOF DECK ISOMETRIC DIAGRAM (WATER LINE)

SHEET NO.
43
54

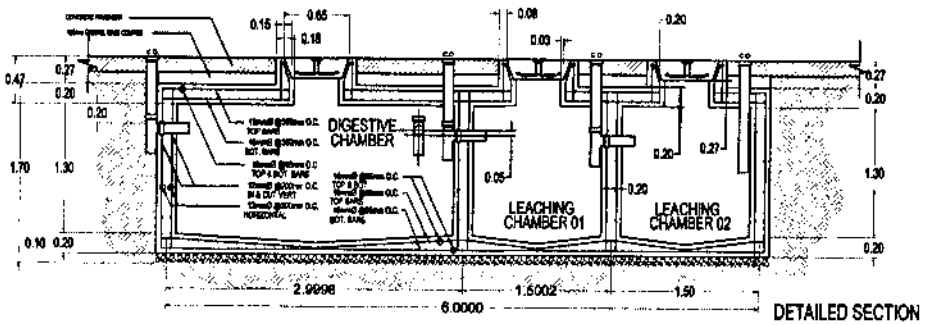


DET. OF FLOOR DRAIN
NOTS

DET. OF CLEANOUT
NOTS



PLAN VIEW



DETAILED SECTION

DET. OF SEPTIC TANK
SCALE: 1:40m

SPECIFICATION :

1. ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE PROVISIONS OF THE NATIONAL PLUMBING CODE, THE NATIONAL BUILDING CODE AND RULES & REGULATIONS OF ZAMBOANGA CITY, & AUTHORITIES HAVING JURISDICTION.
2. COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATIONS. THE ARCHITECT/ ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND THEREIN.
3. ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS. ANY RELOCATIONS REQUIRED FOR PROPER EXECUTION OF OTHER TRADE SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT.
4. PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND VERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.
5. ALL SLOPE OF HOUSE AND SEWER DRAIN SHALL BE 2% TO THE DIRECTION OF THE WATER.
6. THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT SITE, COORDINATE THE WORKS WITH THE SEWER LINE EFFICIENT DISPOSAL POINT AND WATER LINE SERVICE CONNECTING POINT.
7. ALL OTHER REQUIREMENTS SHOULD BE FOLLOWED THE REVISION OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES & R.A. 1378 SHALL PREVAIL.

L E G E N D :

WC	WATER CLOSET	F	FAUCET	VSTC	VENT STACK THRU CEILING
LAV	LAVATORY	FA	FROM ABOVE		4" dia. uPVC PIPE LINE
SD	SHOWER DRAIN	TB	TO BELOW		3"Ø. uPVC PIPE LINE
FD	FLOOR DRAIN	(M)	WATER METER		WATER LINE
DS	DOWN SPOUT	S	SINK	(GV)	GATE VALVE
SHO.	SHOWER HEAD	(CV)	CHECK VALVE		
KS	KITCHEN SINK	CB	CATCH BASIN		
CO	CLEAN OUT				

BAGONG PILIPINAS

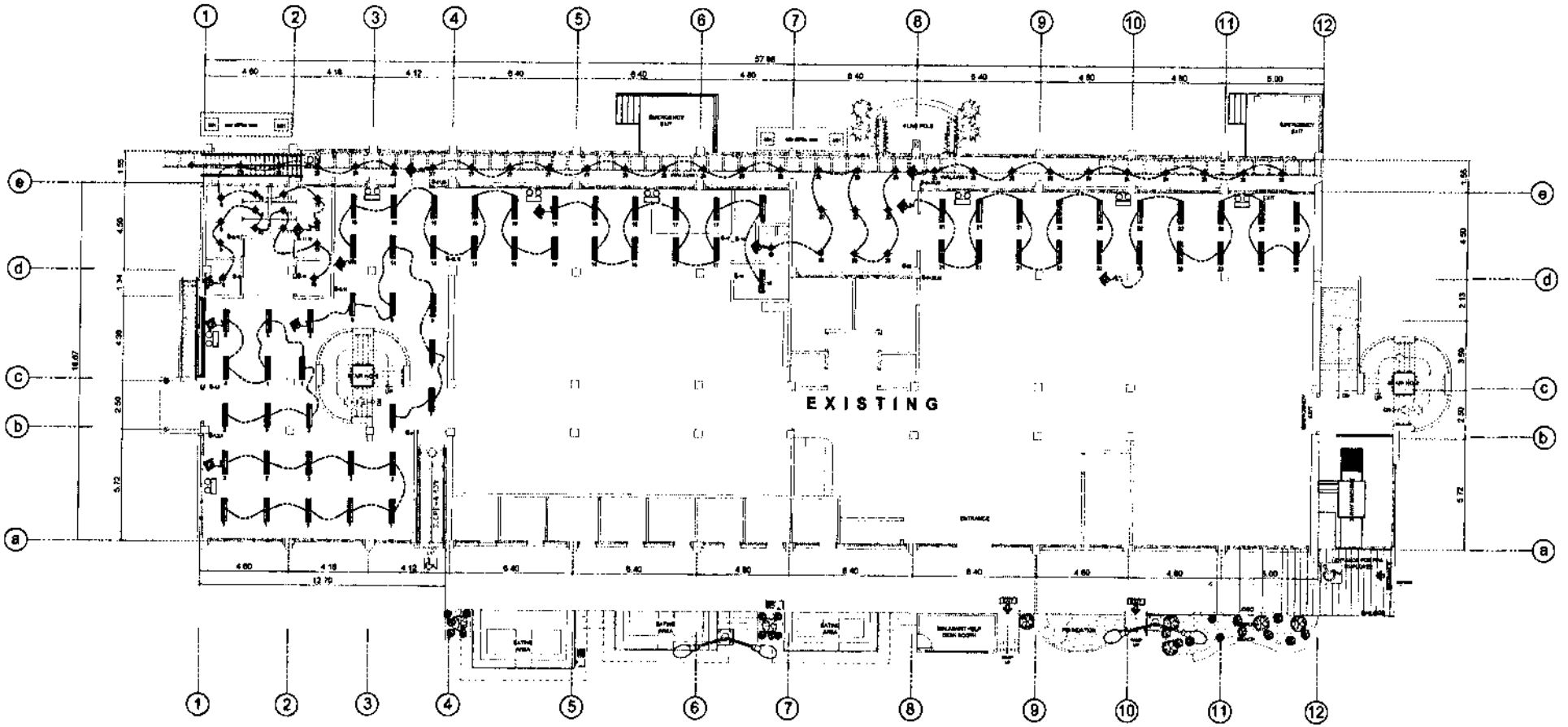
PHILIPPINE PORTS AUTHORITY

PROJECT TITLE:
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD ESPINA PROJECT ASSISTANT CCDR	ENGR. ABDURAHMAN S. HASAN ENGINEER II PMO-ZDN	ENGR. EUGANRIO A. LIM PORT MANAGER PMO-ZDN	ENGR. REYNALD C. PARAFINA DEPARTMENT MANAGER PORT PLANNING AND DESIGN DEPARTMENT	ENGR. JAMES J. GANTALAO ASSISTANT GENERAL MANAGER FOR ENGINEERING

SHEET CONTENT:
- SEPTIC TANK DETAILS
- FLOOR DARIN AND CLEAN OUT DETAILS
- SPECIFICATION NOTES
- LEGEND

SHEET NO.
44
54



GROUND FLOOR PLAN
ELECTRICAL LIGHTING LAY-OUT PLAN

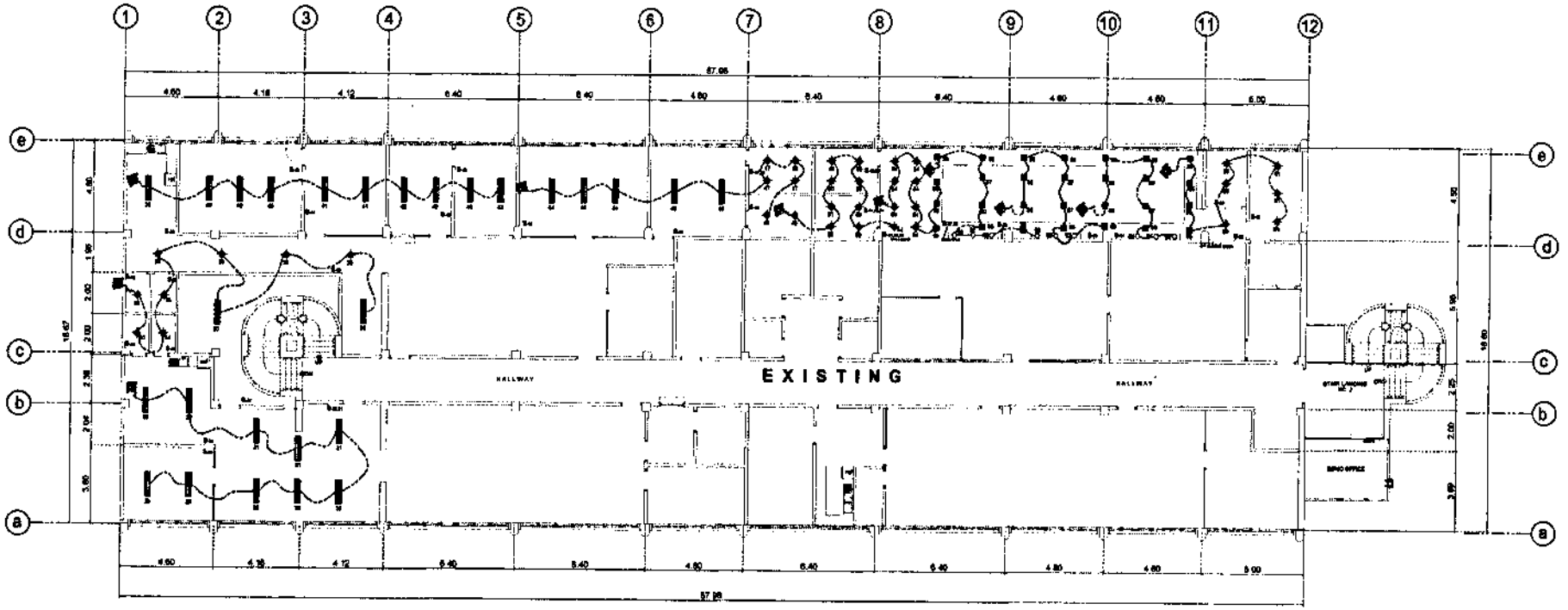
PHILIPPINE PORTS AUTHORITY
BAGONG PILIPINAS

PROJECT TITLE
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY	RECOMMENDING APPROVAL	APPROVED BY
AR. MOHAMMAD M. ESPINA	ENGR. ABDURASAD S. HASAN	ENGR. SUBAKRID I. AKIM	ENGR. REYNALD C. PARAFINA	ENGR. JAMES J. GANTALAO

SHEET CONTENT
- GROUND FLOOR ELECTRICAL LIGHTING LAYOUT

SHEET NO.
45
54



SECOND FLOOR PLAN
ELECTRICAL LIGHTING LAY-OUT PLAN

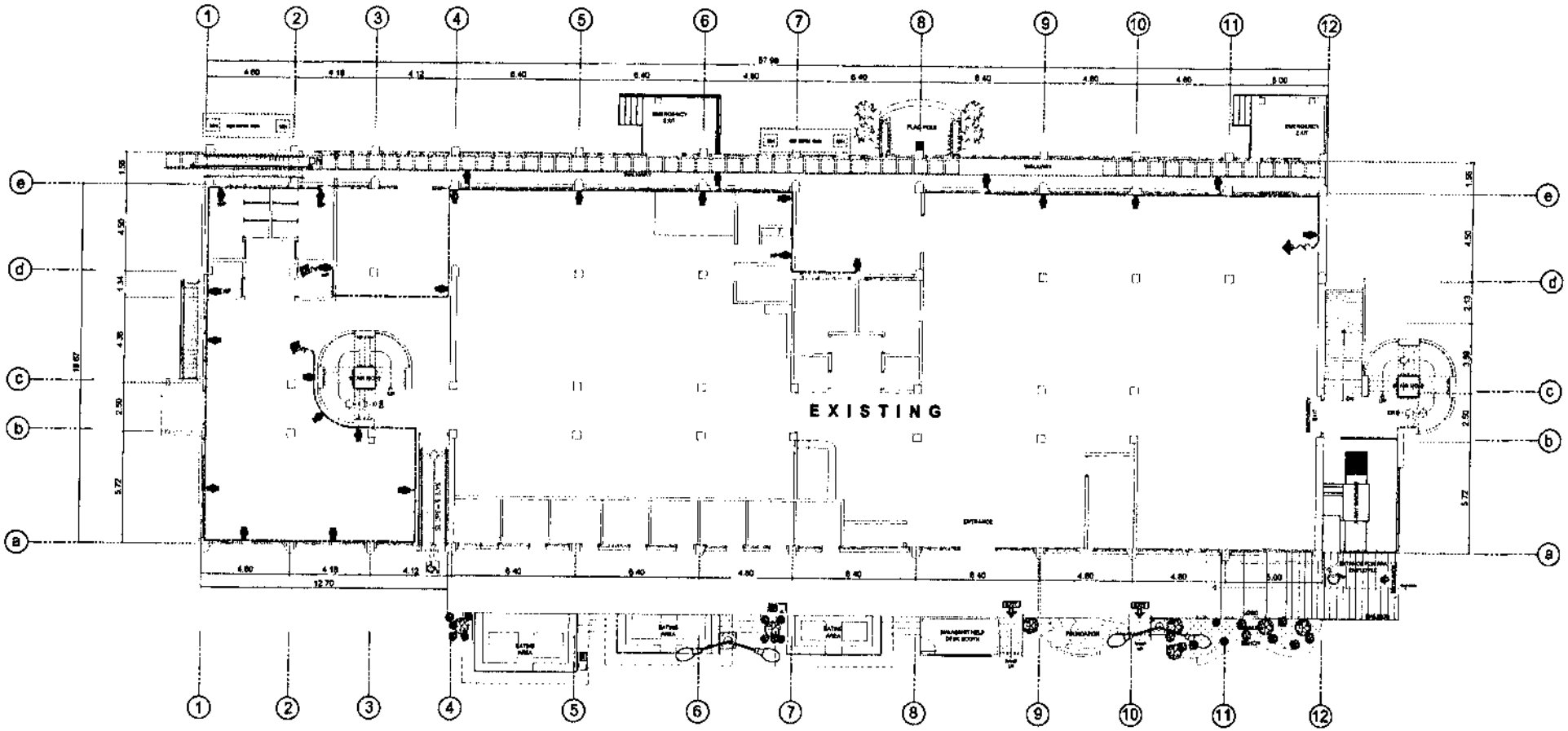
PHILIPPINE PORTS AUTHORITY
BAGONG PILIPINAS

PROJECT TITLE:
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Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD P. ESPINA	ENGR. ABDURASAD S. HASAN	ENGR. SUBAIRI K. LIM	ENGR. REYNALD C. PARAFINA	ENGR. JAMES J. GANTALAO

SHEET CONTENT
- SECOND FLOOR ELECTRICAL LIGHTING LAYOUT

SHEET NO
46
54



GROUND FLOOR PLAN
ELECTRICAL POWER LAY-OUT PLAN

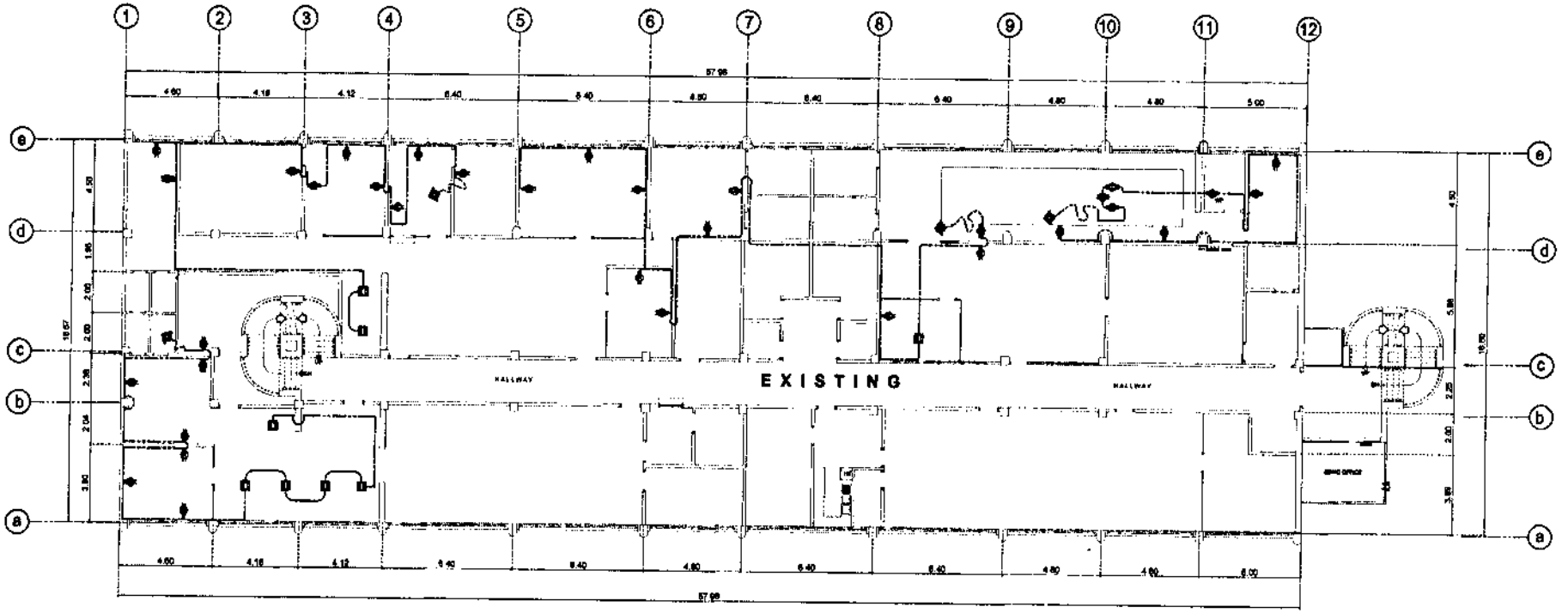
PHILIPPINE PORTS AUTHORITY
BACONG PILIPINAS

PROJECT TITLE:
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY	RECOMMENDING APPROVAL	APPROVED BY:
AR. MICHAEL ANGELO ESPINA	ENGR. ABDULRASHID S. HASAN	ENGR. SOLANRIO E. IM	ENGR. REYNANDO S. PARAFINA	ENGR. JAMES O. GANTALAO

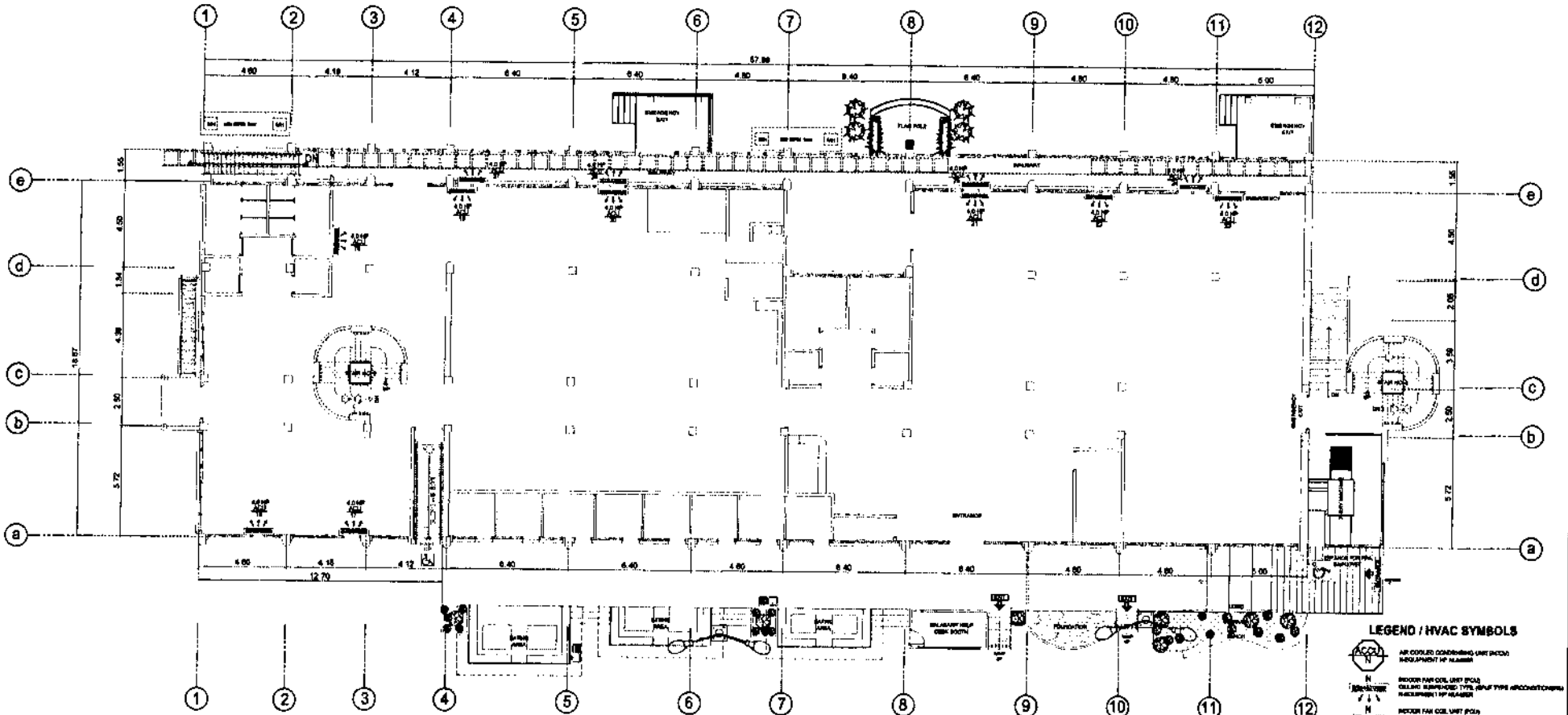
SHEET CONTENT
- GROUND FLOOR ELECTRICAL POWER LAYOUT

SHEET NO
47
54



SECOND FLOOR PLAN
ELECTRICAL POWER LAY-OUT PLAN

PHILIPPINE PORTS AUTHORITY BAGONG PILIPINAS	PROJECT TITLE: CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING Port of Dapitan, Dapitan City, Zamboanga Del Norte				SHEET CONTENT: - SECOND FLOOR ELECTRICAL POWER LAYOUT	SHEET NO: 48 54
	PREPARED BY: AR. MOHAMMAD C. ESPINA	CHECKED AND REVIEWED BY: ENGR. ABDURASAD S. HASAN	SUBMITTED BY: ENGR. [illegible]	RECOMMENDING APPROVAL: ENGR. REYNAND C. BARAFINA	APPROVED BY: ATTY. JAMES J. GANTALAO	



GROUND FLOOR PLAN

AIRCON LAY-OUT PLAN

BAGONG PILIPINAS

PHILIPPINE PORTS AUTHORITY

PROJECT TITLE:

CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

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AR. MOHAMMAD A. ESPINA	ENGR. ABDURAHMAN S. HASAN	ENGR. SUHAINHOLIM	ENGR. REYNANDO C. PARAFINA	ENGR. JAMES J. GONTALAO

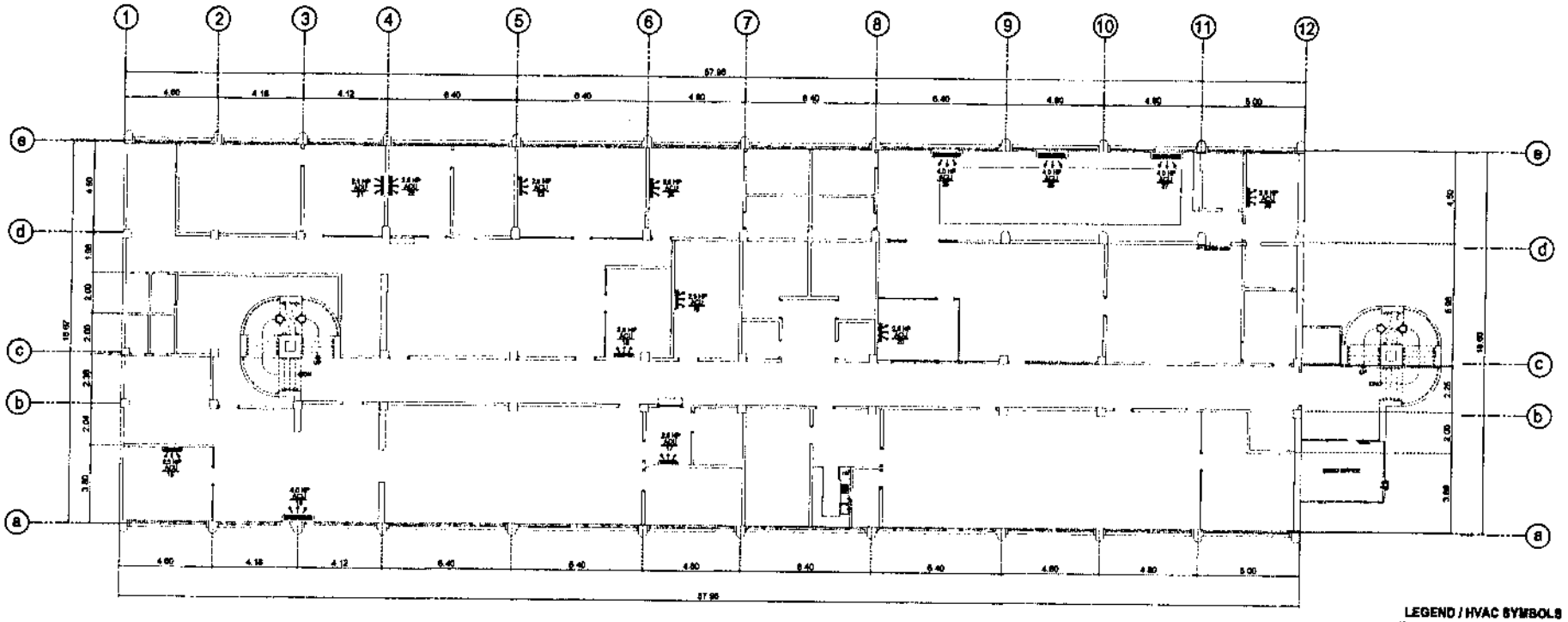
SHEET CONTENT

- GROUND FLOOR AIRCON LAYOUT PLAN

SHEET NO.

49

54



SECOND FLOOR PLAN
AIRCON LAY-OUT PLAN

LEGEND / HVAC SYMBOLS

PHILIPPINE PORTS AUTHORITY

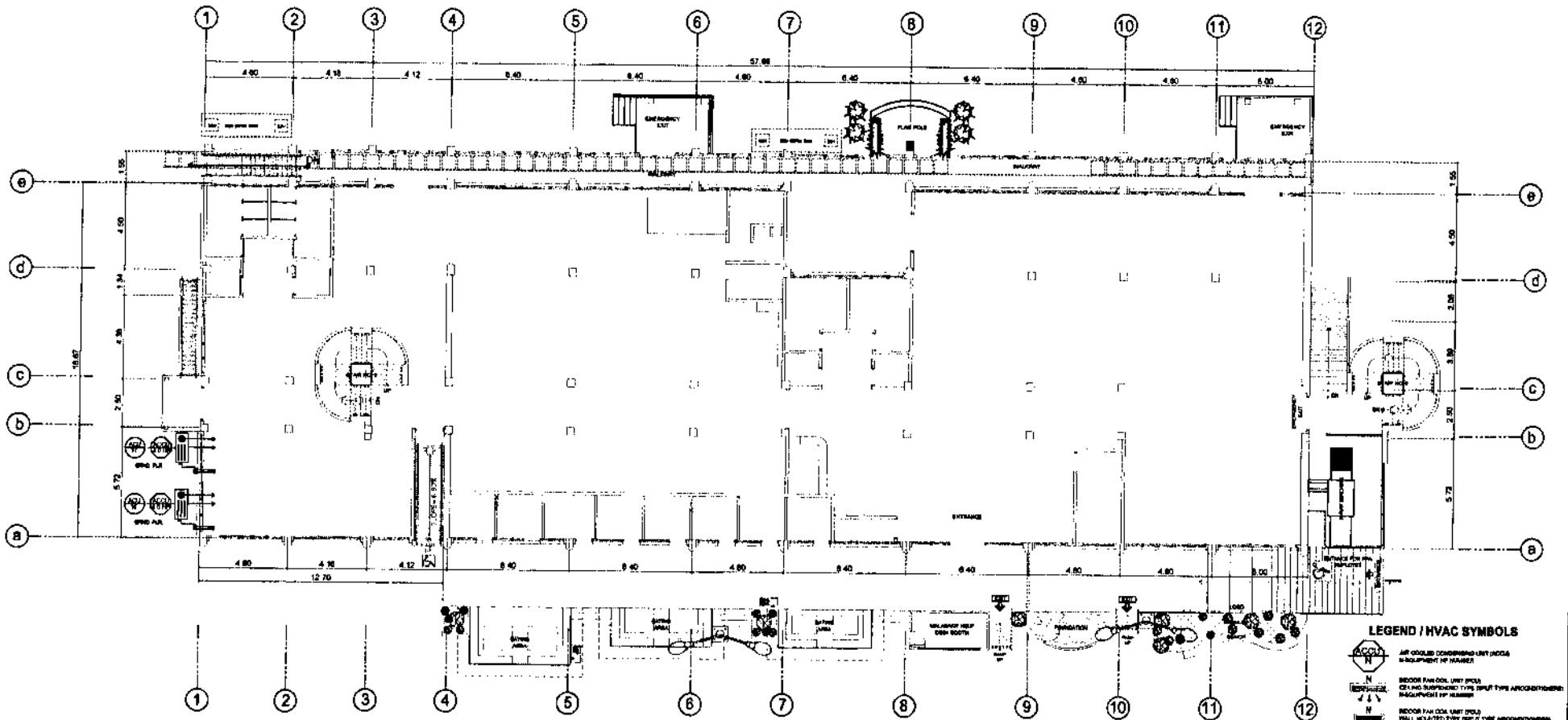
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PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMADA. ESPINA	ENGR. ABDURASADE. HASAN	ENGR. SHEAHID KIM	ENGR. REYNARD C. PARAFINA	ENGR. JAMES J. GANTALAO

SHEET CONTENT:
- SECOND FLOOR AIRCON LAYOUT PLAN

SHEET NO.
50
54



GROUND FLOOR PLAN
AIRCON LAY-OUT PLAN (ACCU)

LEGEND / HVAC SYMBOLS

NOTE:

- DUE TO CONTINUOUS AIRCON IMPROVEMENT , TECHNICAL SPECS OF SPLIT TYPE, ACU AND VENTILATING FAN MAY CHANGE WITHOUT PRIOR NOTICE.
- THESE WS ONLY USED FOR REFERENCE ONLY

PHILIPPINE PORTS AUTHORITY

BAGONG PILIPINAS

PROJECT TITLE:

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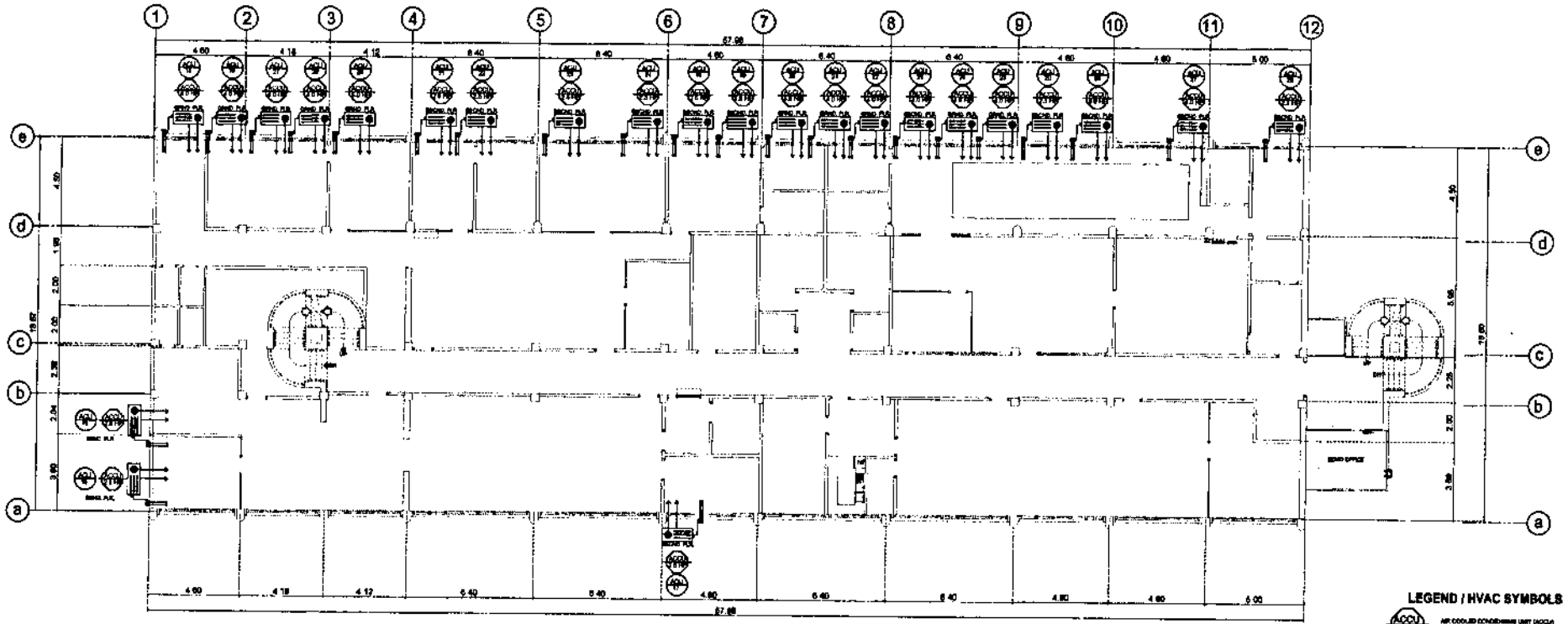
PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD ESPINA	ENGR. ABDULWASAD S. HASAN	ENGR. [illegible]	ENGR. REYNANDO D. PARAFINA	ENGR. JAMES U. GANTALAO

SHEET CONTENT:

- GROUND FLOOR AIRCON LAYOUT PLAN (ACCU)

SHEET NO: 51

54



SECOND FLOOR PLAN
AIRCON LAY-OUT PLAN (ACCU)
SCALE 1:100

LEGEND / HVAC SYMBOLS

NOTE:

- DUE TO CONTINUOUS AIRCON IMPROVEMENT , TECHNICAL SPECS OF SLIT TYPE ACU AND VENTILATING FAN MAY CHANGE WITHOUT PRIOR NOTICE.
- THESE WE ONLY USED FOR REFERENCE ONLY.

PHILIPPINE PORTS AUTHORITY

BAGONG PILIPINAS

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AR. MOHAMMAD A. ESPINA	ENGR. ABDURAHMAN S. HASAN	ENGR. EDUARDO U. LIM	ENGR. REYNARIO C. PARAFINA	ENGR. JAMES J. GANTALAO

SHEET CONTENT	SHEET NO
- SECOND FLOOR AIRCON LAYOUT PLAN (ACCU)	52 / 54

SCHEDULE OF LOADS

PB1	GROUND FLOOR										
CKT. NO.	LOAD DESCRIPTION	NO. OF FIXTURES	VOLTAGE	WATTAGE	CURRENT	AMPERE			WIRE Thhn	CONDUIT mmØ (PVC)	CKT.BKR PROTECTION
						AB	BC	CA			
1	LIGHTING OUTLET	10 (40w)	230	400	1.74	1.74			3.5	20	20AT CB /2Pole
2	LIGHTING OUTLET	8 (40w)	230	320	1.39	1.74			3.5	20	20AT CB /2Pole
3	LIGHTING OUTLET	9 (18w)	230	162	0.70		0.70		3.5	20	20AT CB /2Pole
4	LIGHTING OUTLET	8 (40w)	230	320	1.39		1.39		3.5	20	20AT CB /2Pole
5	LIGHTING OUTLET	10 (40w)	230	400	1.74			1.74	3.5	20	20AT CB /2Pole
6	LIGHTING OUTLET	10 (18w)	230	180	0.78			0.78	3.5	20	20AT CB /2Pole
7	LIGHTING OUTLET	10 (18w)	230	180	0.78	0.78			3.5	20	20AT CB /2Pole
8	LIGHTING OUTLET	11 (40w)	230	440	1.91	1.91			3.5	20	20AT CB /2Pole
9	LIGHTING OUTLET	10 (18w)	230	180	0.78		0.78		3.5	20	20AT CB /2Pole
10	LIGHTING OUTLET	10 (40w)	230	400	1.74		1.74		3.5	20	20AT CB /2Pole
11	LIGHTING OUTLET	10 (18w)	230	180	0.78			0.78	3.5	20	20AT CB /2Pole
12	LIGHTING OUTLET	10 (40w)	230	400	1.74			1.74	3.5	20	20AT CB /2Pole
13	CONV. OUTLET	11 (180w)	230	198	0.86	0.86			3.5	20	20AT CB /2Pole
14	CONV. OUTLET	10 (180w)	230	180	0.78		0.78		3.5	20	20AT CB /2Pole
15	CONV. OUTLET	5 (180w)	230	90	0.39			0.39	3.5	20	20AT CB /2Pole
16	AIRCON. UNIT	3 (4.0 HP)	230	2964	23.17	23.17			5.5	20	50AT CB /2Pole
17	AIRCON. UNIT	1 (4.0 HP)	230	2964	23.17	23.17			5.5	20	50AT CB /2Pole
18	AIRCON. UNIT	1 (4.0 HP)	230	2964	23.17		23.17		5.5	20	50AT CB /2Pole
19	AIRCON. UNIT	1 (4.0 HP)	230	2964	23.17		23.17		5.5	20	50AT CB /2Pole
20	AIRCON. UNIT	1 (4.0 HP)	230	2964	23.17			23.17	5.5	20	50AT CB /2Pole
21	AIRCON. UNIT	1 (4.0 HP)	230	2964	23.17			23.17	5.5	20	50AT CB /2Pole
23	AIRCON. UNIT	1 (4.0 HP)	230	2964	23.17	23.17			5.5	20	50AT CB /2Pole
24	AIRCON. UNIT	1 (4.0 HP)	230	2964	23.17	23.17			5.5	20	50AT CB /2Pole
25	AIRCON. UNIT	1 (4.0 HP)	230	2964	23.17		23.17		5.5	20	50AT CB /2Pole
26	AIRCON. UNIT	1 (4.0 HP)	230	2964	23.17		23.17		5.5	20	50AT CB /2Pole
27	AIRCON. UNIT	1 (4.0 HP)	230	2964	23.17			23.17	5.5	20	50AT CB /2Pole
28	SPARE										50AT CB /2Pole
29	SPARE										40AT CB /2Pole
30	SPARE										40AT CB /2Pole
TOTAL LOADS			230	39538	265.9	99.71	98.07	98.11	3-80mm	60	250AT CB /3Pole

SCHEDULE OF LOADS

PB2	SECOND FLOOR										
CKT. NO.	LOAD DESCRIPTION	NO. OF FIXTURES	VOLTAGE	WATTAGE	CURRENT	AMPERE			WIRE Thhn	CONDUIT mmØ (PVC)	CKT.BKR PROTECTION
						AB	BC	CA			
1	LIGHTING OUTLET	10 (40w)	230	400	1.74	1.74			3.5	20	20AT CB /2Pole
2	LIGHTING OUTLET	8(18w) 2(40w)	230	224	0.97	0.97			3.5	20	20AT CB /2Pole
3	LIGHTING OUTLET	10 (40w)	230	400	1.74		1.74		3.5	20	20AT CB /2Pole
4	LIGHTING OUTLET	5(40w) 5(18w)	230	290	1.26		1.26		3.5	20	20AT CB /2Pole
5	LIGHTING OUTLET	10 (18w)	230	180	0.78			0.78	3.5	20	20AT CB /2Pole
6	LIGHTING OUTLET	10 (18w)	230	185	0.80	0.80		0.80	3.5	20	20AT CB /2Pole
7	LIGHTING OUTLET	10 (20w)	230	200	0.86	0.86			3.5	20	20AT CB /2Pole
8	LIGHTING OUTLET	10 (20w)	230	200	0.86		0.86		3.5	20	20AT CB /2Pole
9	LIGHTING OUTLET	10 (20w)	230	200	0.86		0.86	0.86	3.5	20	20AT CB /2Pole
10	LIGHTING OUTLET	4(20w) 6(18w)	230	188	0.82			0.82	3.5	20	20AT CB /2Pole
11	CONV. OUTLET	11 (180w)	230	2160	9.39	9.39			3.5	20	20AT CB /2Pole
12	CONV. OUTLET	11 (180w)	230	1980	8.60		8.60		3.5	20	20AT CB /2Pole
13	CONV. OUTLET	11 (180w)	230	1980	8.60			8.60	3.5	20	20AT CB /2Pole
14	CONV. OUTLET	8 (180w)	230	1440	6.26		6.26		3.5	20	20AT CB /2Pole
15	AIRCON. UNIT	1 (2.5 HP)	230	1865	8.11	8.11			5.5	20	30AT CB /2Pole
16	AIRCON. UNIT	1 (4.0 HP)	230	2964	23.17	23.17			5.5	20	50AT CB /2Pole
17	AIRCON. UNIT	1 (2.5 HP)	230	1865	8.11		8.11		5.5	20	30AT CB /2Pole
18	AIRCON. UNIT	1 (2.5 HP)	230	1865	8.11		8.11		5.5	20	30AT CB /2Pole
19	AIRCON. UNIT	1 (2.5 HP)	230	1865	8.11			8.11	5.5	20	30AT CB /2Pole
20	AIRCON. UNIT	1 (2.5 HP)	230	1865	8.11			8.11	5.5	20	30AT CB /2Pole
21	AIRCON. UNIT	1 (2.5 HP)	230	1865	8.11	8.11			5.5	20	30AT CB /2Pole
23	AIRCON. UNIT	1 (2.5 HP)	230	1865	8.11	8.11			5.5	20	30AT CB /2Pole
24	AIRCON. UNIT	1 (2.5 HP)	230	1865	8.11		8.11		5.5	20	30AT CB /2Pole
25	AIRCON. UNIT	1 (2.5 HP)	230	1865	8.11		8.11		5.5	20	30AT CB /2Pole
26	AIRCON. UNIT	1 (4.0 HP)	230	2964	23.17			23.17	5.5	20	50AT CB /2Pole
28	AIRCON. UNIT	1 (4.0 HP)	230	2964	23.17			23.17	5.5	20	50AT CB /2Pole
27	AIRCON. UNIT	1 (4.0 HP)	230	2964	23.17		23.17		5.5	20	50AT CB /2Pole
28	AIRCON. UNIT	1 (2.5 HP)	230	1865	8.11		8.11		5.5	20	30AT CB /2Pole
29	SPARE										40AT CB /2Pole
30	SPARE										40AT CB /2Pole
TOTAL LOADS			230	40913	21.32	81.26	65.3	66.66	3-80mm	60	250AT CB /3Pole

BAGONG PILIPINAS

PHILIPPINE PORTS AUTHORITY

PROJECT TITLE:
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD A. ESPINA	ENGR. ABDULRASAD A. HASAN	ENGR. SUBAIR RO T. UM	ENGR. REYNALDO C. PARAFINA	ENGR. JAMES J. GANTALAO
PROJECT ASSISTANT II	DISTRICT MANAGER	PORT MANAGER PMC /TA	DEPARTMENT MANAGER PORT PLANNING AND DESIGN DEPARTMENT	GENERAL MANAGER FOR ENGINEERING

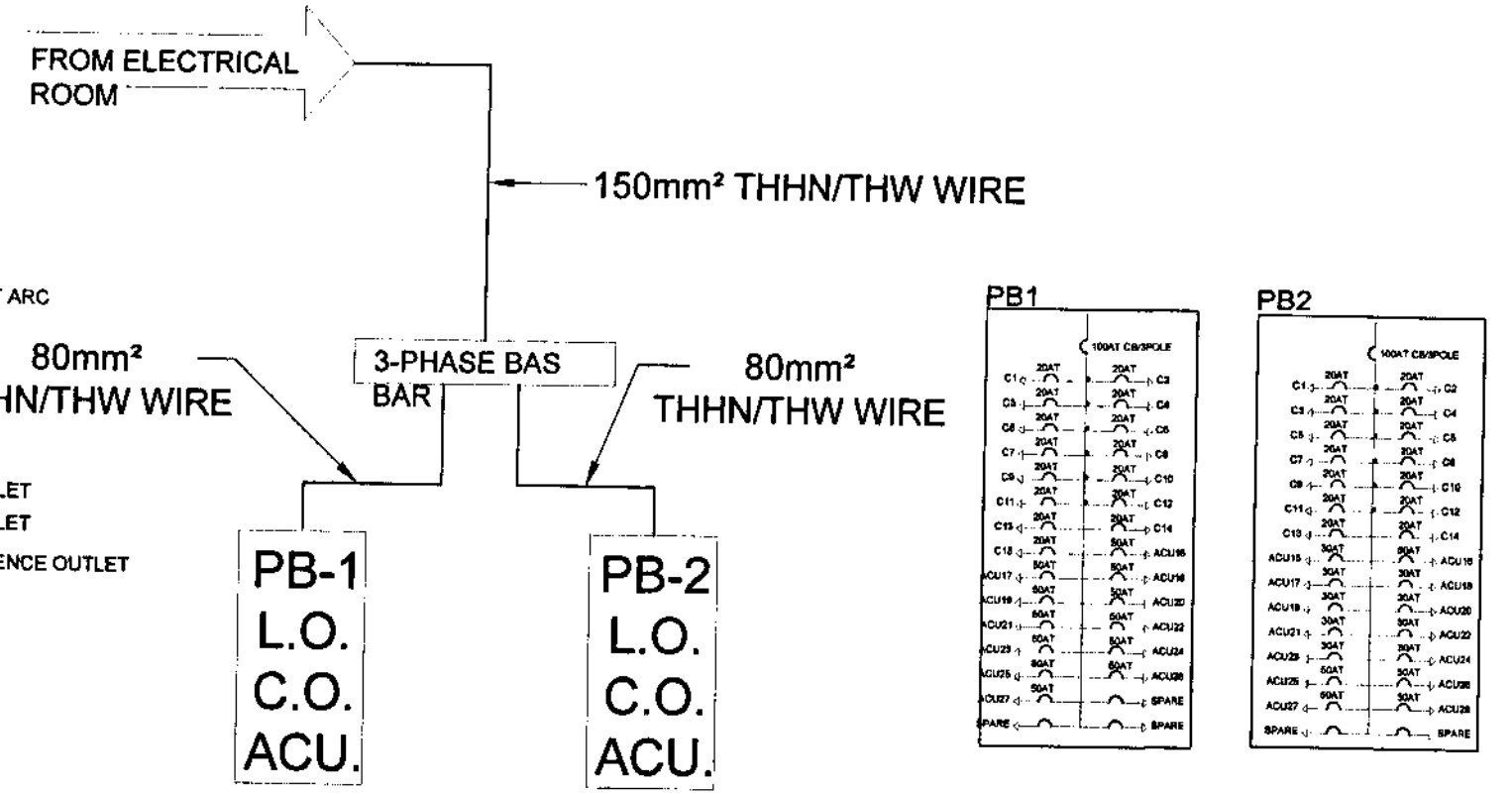
SHEET CONTENT:
- GROUND FLOOR & SECOND FLOOR SCHEDULE OF LOADS

SHEET NO: 53 / 54

APR 12 2024

LEGEND:

- 40w MIRRORIZED LIGHTING LUMINAIRES
- 18W 3U BULB
- 4" PINLIGHT w/ 5w LED LIGHT ARC LAMP
- EMERGENCY LIGHT
- 18w WARM WHITE BULB WALL LAMP
- 2 GANG CONVENIENCE OUTLET
- 3 GANG CONVENIENCE OUTLET
- WP WEATHER PROOF CONVENIENCE OUTLET
- ACU OUTLET
- MOTOR OUTLET
- PB PANEL BOARD
- (C1) CIRCUIT HOMERUN
- WIRE LINE
- Sa/Sab/Sabc Sabcd/Sabcde SWITCH
- (M) KILOWATT-HOUR METER
- SERVICE ENTRANCE
- AIR CONDITIONING UNIT



SINGLE LINE DIAGRAM

BAGONG PILIPINAS

PHILIPPINE PORTS AUTHORITY

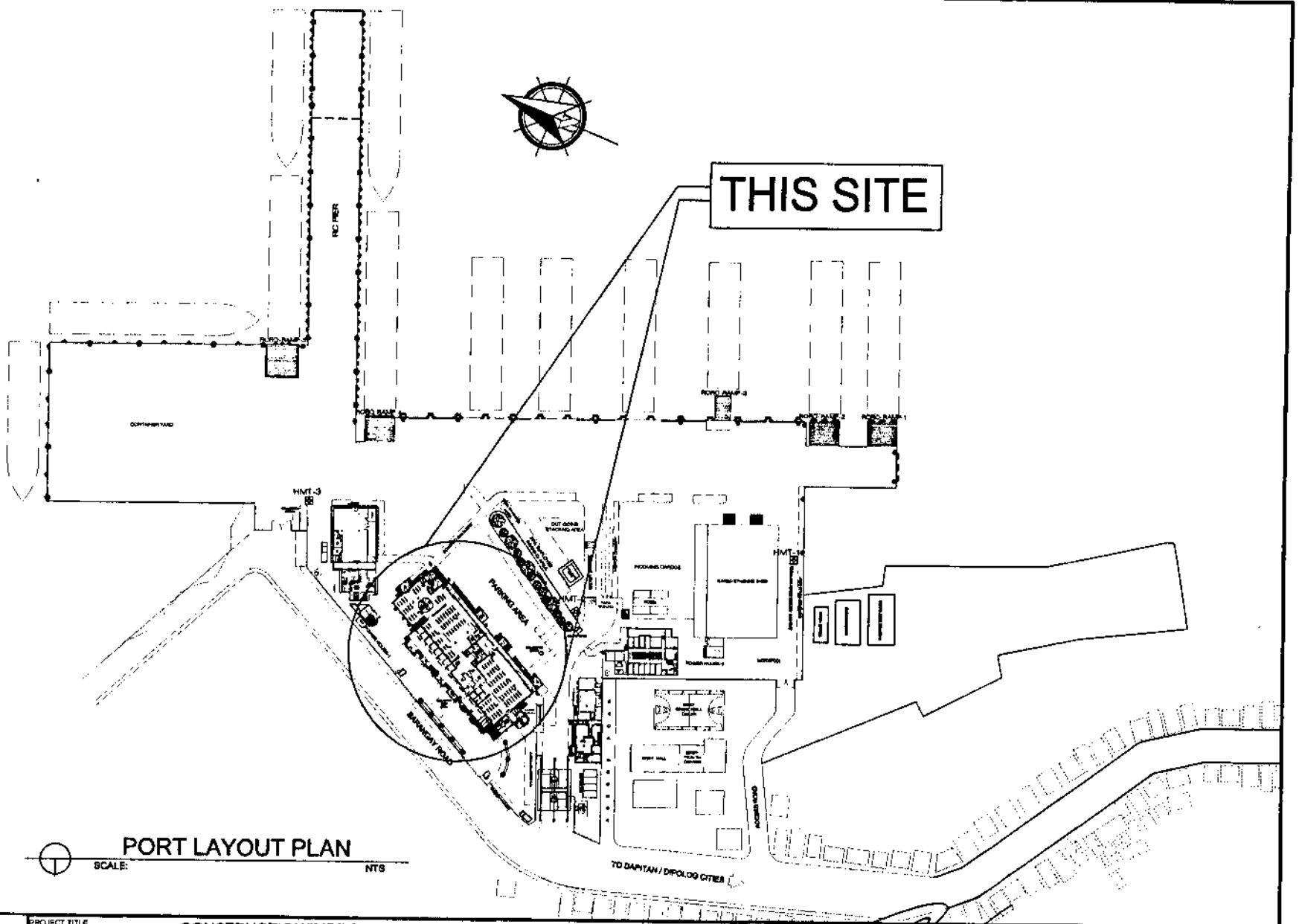
PROJECT TITLE:
CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY	SUBMITTED BY	RECOMMENDING APPROVAL:	APPROVED BY:
AR. MOHAMMAD A. ESPINA	ENGR. ABDULRAHMAN S. UMASAN	ENGR. [illegible]	ENGR. REYNALDO O. PARAFINA	ENGR. JAMES J. GANTALAO

SHEET CONTENT:
- SINGLE LINE DIAGRAM
- LEGEND

SHEET NO: 54

54



PORT LAYOUT PLAN

SCALE: NTS

PHILIPPINE PORTS AUTHORITY

BAGONG PILIPINAS

PROJECT TITLE:

CONSTRUCTION/IMPROVEMENT OF PORT FACILITIES:IMPROVEMENT OF PASSENGER TERMINAL BUILDING
Port of Dapitan, Dapitan City, Zamboanga Del Norte

PREPARED BY:	CHECKED AND REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED:
AR. MOHAMMAD A. ESPINA	ENGR. ABDURAZIL S. HASAN	ENGR. SUBAIRIO K. LIM	ENGR. REYNANDO C. PARAFINA	ENGR. JAMES J. CANTALAO

SHEET CONTENT:
- PORT LAYOUT

SHEET NO.
01
54

SECTION VIII

BILL OF QUANTITIES and ATTACHMENTS

BID SUMMARY

CONSTRUCTION/ IMPROVEMENT OF PORT FACILITIES: IMPROVEMENT OF PASSENGER TERMINAL BUILDING
PORT OF DAPITAN, DAPITAN CITY, ZAMBOANGA DEL NORTE

NO. (1)	DESCRIPTION OF WORK (2)	AMOUNT (Pesos) (3)
BILL NO. 1	GENERAL EXPENSES	
BILL NO. 2	CONSTRUCTION/IMPROVEMENT OF PTB	
	BID SUMMARY	

Name of Firm

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

Date

BILL OF QUANTITIES

CONSTRUCTION/ IMPROVEMENT OF PORT FACILITIES: IMPROVEMENT OF PASSENGER TERMINAL BUILDING
PORT OF DAPITAN, DAPITAN CITY, ZAMBOANGA DEL NORTE

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
BILL NO.	**1 GENERAL EXPENSES**				
1.01	Mobilization and Demobilization	lot	1.00		
1.02	Provide Construction Safety and Health Program	mo.	18.00		
	TOTAL FOR BILL NO. 1				
BILL NO.	**2 CONSTRUCTION OF RO-RO RAMP**				
2.01	Chipping and Demolition of Works of Various Existing Structures	cu.m	122.87		
2.02	Excavation Works for Foundation & Disposal of Surplus Materials	cu.m	304.71		
2.03	Backfilling Works	cu.m	151.00		
2.04	Structural Concrete for Foundation and Superstructures	cu.m	539.32		
2.05	Reinforcing Steel for Foundation and Superstructures	kg	66,945.00		
2.06	Laying of 4" Concrete Hollow Blocks	sq.m	1,169.66		
2.07	Plastering of 4" Concrete Hollow Blocks	sq.m	1,833.00		
2.08	Floor Slab Steel Decking Works	ln.m	398.84		
2.09	Rental of GI Scaffoldings	sq.m	972.00		
2.10	Painting Works (Masonry Painting)	sq.m	2,339.33		
2.11	Tile Works for PTB1 and Admin Building	sq.m	971.43		
2.12	Granite Works for Toilet and Pantry Counter	sq.m	35.72		
2.13	Toilet and Kitchen Fixtures and Accessories	units	125.00		
2.14	Solid Panel Door including Accessories	set	10.00		
2.15	Supply and Installation of Modular Toilet Partition	sq.m	36.21		
2.16	Supply and Installation of Panel Board Set	set	2.00		
2.17	Supply and Installation of Electrical Wirings	length	110.00		
2.18	Supply and Installation of Convenience Outlets, Switches, and LAN	sets	125.00		
2.19	Lighting Fixtures	sets	216.00		

BILL OF QUANTITIES

CONSTRUCTION/ IMPROVEMENT OF PORT FACILITIES: IMPROVEMENT OF PASSENGER TERMINAL BUILDING
PORT OF DAPITAN, DAPITAN CITY, ZAMBOANGA DEL NORTE

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
2.2	Glass Works for Windows	sq.m	147.67		
2.21	Glass Works for Doors	sq.m	31.29		
2.22	Glass Works for Office Partitions with Doors	sq.m	66.07		
2.23	Transfer of existing sliding windows and doors to various locations	lot	1.00		
2.24	Interior and Exterior Celling Works	sq.m	1,284.24		
2.25	Roofing Works	ln.m	1,351.64		
2.26	Fabrication, Erection, and Installation of Trusses and Girts	kg	7,363.38		
2.27	Structural Steel Purlins and Sagrod	kg	3,159.60		
2.28	Painting Works (Metal Painting)	sq.m	802.45		
2.29	Concrete Works for the Septic Tank (3500 PSI)	cu.m	23.64		
2.30	Rebar Works for the Septic Tank	kg	3,558.00		
2.31	Concrete Works for the Cistern	cu.m	15.67		
2.32	Rebar Works for die Cistern	kg	1,374.00		
2.33	Waterproofing Works for the Cistern	sq.m	40.42		
2.34	Cistern Accessories	lot	1.00		
2.35	Plumbing Works for the Water Line	ln.m	428.00		
2.36	Plumbing Works for the Sanitary Line ln.m	ln.m	339.00		
2.37	Downspouts and Catch Basin	units	7.00		
2.38	Provision of Stainless Steel Railings	ln.m	184.10		
	TOTAL FOR BILL NO. 2				

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

BASIS OF PAYMENT FOR WORK ITEMS INCLUDED IN THE PROPOSAL

The work items included in the proposal and the basis of payments are as follows:

BILL NO. 1

GENERAL EXPENSES

Item 1.01 **Mobilization and Demobilization**

The quantity to be paid for shall be the minimum equipment requirement enumerated in the bid documents mobilized, demobilized and cleaning of the site and accepted by the Engineer. The contract lump sum price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to mobilize and demobilize all the minimum equipment requirement enumerated in the bid documents including cleaning of the site. Fifty percent (50%) of the total amount shall be payable after the mobilization activity while the remaining (50%) payable after demobilization and cleaning.

Item 1.04 **Provide Construction Safety & Health Program in the execution of the project**

The quantity to be paid for shall be the actual implementation of construction safety and health program and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the implementation of the Construction Safety and Health Program, as required and approved by the Department of Labor and Employment (DOLE).

BILL NO. 2

CONSTRUCTION/ IMPROVEMENT OF PTB

Item 2.01 **Chipping & demolition of Works of Various Existing Structures**

Payment shall be made at the contract unit price per cubic meter for chipping and demolition works. This price shall be full compensation for all preparation, labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.02 **Excavation Works for Foundation & Disposal of Surplus Materials**

Payment shall be made at the contract unit price per cubic meter for excavation works. This price shall be full compensation for all preparation, labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.03 **Backfilling Works**

Payment shall be made at the contract unit price per cubic meter for backfilling works. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.04 **Structural Concrete for Foundation and Superstructures**

Payment shall be made at the contract unit price per cubic meter for concreting of structure for foundation and superstructures. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.05 **Reinforcing Steel for Foundation and Superstructures**

Payment shall be made at the contract unit price per kilograms of reinforcing steel bars. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.06 **Laying of 4" Concrete Hollow Blocks**

Payment shall be made at the contract unit price per square meter of laying of concrete hollow blocks. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.07 **Plastering of 4" Concrete Hollow Blocks**

Payment shall be made at the contract unit price per square meter of plastering of concrete hollow blocks. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.08 **Floor Slab Steel Decking Works**

Payment shall be made at the contract unit price per linear meter of floor slab steel decking works. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.09 **Rental of GI Scaffoldings**

Payment shall be made at the contract unit price per square meter of rented GI scaffolding. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.10 **Painting Works (Masonry Painting)**

Payment shall be made at the contract unit price per square meter for painting works (masonry painting). This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.11 **Tile Works for PTB1 and Admin Building**

Payment shall be made at the contract unit price per square meter for tiling works. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.12 Granite Works for Toilet and Pantry Counter

Payment shall be made at the contract unit price per square meter for granite works. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.13 Toilet and Kitchen Fixtures and Accessories

Payment shall be made at the contract unit price per units of toilet, kitchen fixtures and accessories. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.14 Solid Panel Door including Accessories

Payment shall be made at the contract unit price per set of solid panel door and accessories. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.15 Supply and Installation of Modular Toilet Partition

Payment shall be made at the contract unit price per square meter of supplied and installed modular toilet partition. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.16 Supply and Installation of Panel Board Set

Payment shall be made at the contract unit price per set of supplied and installed panel board set. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.17 Supply and Installation of Electrical Wirings

Payment shall be made at the contract unit price per length of supplied and installed electrical wirings. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.18 Supply and Installation of Convenience Outlets, Switches, and LAN

Payment shall be made at the contract unit price per set of supplied and installed convenience outlets, switches and LAN. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.19 Lighting Fixtures

Payment shall be made at the contract unit price per set of lighting fixtures. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.20 Glass Works for Windows

Payment shall be made at the contract unit price per square meter for glass works (windows). This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.21 Glass Works for Doors

Payment shall be made at the contract unit price per square meter for glass works (doors). This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.22 Glass Works for Office Partitions with Doors

Payment shall be made at the contract unit price per square meter for glass works for Office partitions and doors. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.23 Transfer of existing sliding windows and doors to various locations

Payment shall be made at the contract unit price per lot for transfer of existing sliding windows and doors. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.24 Interior and Exterior Ceiling Works

Payment shall be made at the contract unit price per square meter for interior and exterior ceiling works. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.25 Roofing Works

Payment shall be made at the contract unit price per linear meter for roofing works. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.26 Fabrication, Erection, and Installation of Trusses and Girts

Payment shall be made at the contract unit price per kilograms for fabrication, erection and installation of trusses and girts. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.27 Structural Steel Purlins and Sagrod

Payment shall be made at the contract unit price per kilograms for structural steel purlins and sagrod. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.28 Painting Works (Metal Painting)

Payment shall be made at the contract unit price per square meter of painting works (metal painting). This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.29 Concrete Works for the Septic Tank (3500 PSI)

Payment shall be made at the contract unit price per cubic meter for concreting works of septic tank (3500 PSI). This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.30 Rebar Works for the Septic Tank

Payment shall be made at the contract unit price per kilograms for rebar works for septic tank. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.31 Concrete Works for the Cistern

Payment shall be made at the contract unit price per cubic meter for concreting works for the cistern. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.32 Rebar Works for the Cistern

Payment shall be made at the contract unit price per kilograms for rebar works for the cistern. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.33 Waterproofing Works for the Cistern

Payment shall be made at the contract unit price per square meter for waterproofing works for the cistern. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.34 Cistern Accessories

Payment shall be made at the contract unit price per lot for cistern accessories. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.35 Plumbing Works for the Water Line

Payment shall be made at the contract unit price per linear meter for plumbing works for water line. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.36 Plumbing Works for the Sanitary Line

Payment shall be made at the contract unit price per linear meter for plumbing works for sanitary line. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.37 Downspouts and Catch Basin

Payment shall be made at the contract unit price per units of downspout and catch basin. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

Item 2.38 Provision of Stainless Steel Railings

Payment shall be made at the contract unit price per linear meter for provision of stainless steel railings. This price shall be full compensation for furnishing all materials and for all preparation, delivering, and applying the materials, and for all labor, equipment, tools, and incidentals necessary to complete this item.

FACILITIES TO BE PROVIDED FOR THE ENGINEER & HIS STAFF

RENTAL OF SITE OFFICE AND RESIDENCE FOR THE ENGINEER & STAFF

The Contractor shall provide a temporary site office and residence (rental) with an area of at least 48 square meters for use of the Engineer and his staff for the whole duration of the project.

MINIMUM MAJOR EQUIPMENT REQUIREMENTS

1	unit/s	Concrete mixer (1 bagger, minimum),owned
2	unit/s	Concrete Vibrator, 3.5HP , minimum,owned
1	unit/s	Air Compressor,(250 cfm, minimum),owned
1	unit/s	Backhoe, 0.40 cu.m, 94.30 hp, minimum,owned/leased
1	unit/s	Concrete Cutter,owned
1	unit/s	Dump Truck, 6 cu.yd cap, minimum,owned/leased
1	unit/s	Oxy-Acetylene Cutter with complete accessories,owned
1	unit/s	Plate Compactor, 13.5HP,owned
1	unit/s	Pneumatic Breaker, Handheld, 50ft hose. Oiler & Attach,owned
1	unit/s	Bar Bender, up to 25mm,owned
1	unit/s	Bar Cutter, 25mm,owned
2	unit/s	Transit Mixer, 5 cu.m cap, 176HP,owned/leased
1	unit/s	Water Truck, 16,000 Liters capacity, 360HP,owned/leased
1	unit/s	Welding Machine, 300A,owned

CONSTRUCTION SAFETY AND HEALTH REQUIREMENT

The Contractor shall implement the construction safety and health program in accordance with the applicable provisions of the Occupational Safety and Health Standards (OSHS) of the Department of Labor and Employment (DOLE).

The Contractor, subject to the approval of the Engineer shall provide and maintain throughout the duration of the contract a medical room with at least 15 square meters together with all necessary supplies to be sited in the Contractor's main area.

The Contractor shall provide the following minimum requirements:

L A B O R

1	no.	Safety Engineer / Officer
1	no.	Nurse/ Health Officer

EQUIPMENT / MATERIALS

Personnel Protective Equipment

8	pcs.	Hard Hats
8	pairs	Gloves (rubberized)
8	pcs.	Safety Glasses/Goggles (clear)
8	pairs	Safety Shoes
16	pcs.	Long Sleeves
8	pcs.	Aprons

Safety Devices

1	lot	Barricades
1	lot	Warning signs
2	units	Fire extinguisher (10kg)

Medical and First Aid System - 18 Months

NOTE:

The Contractor shall provide the above-cited minimum construction safety and health requirements or as required by the Engineer.

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REVISED SCHEDULE OF MINIMUM TEST REQUIREMENTS OF CONSTRUCTION MATERIALS FOR PPA INFRASTRUCTURE PROJECTS

Materials/Items of Work	*Required Tests*	*Minimum Incremental Frequency of Tests*
I. Construction of Pier/Wharf, Platform and Ramp		
Structural Concrete (SC)		
A Portland Cement	Quality Test	For every 2,000 bags (40kg) or fraction thereof
B Fine Aggregate	Quality Test for Grading, Elutriation (wash), Bulk Specific Gravity, Absorption, Mortar Strength, Soundness, Organic Impurities, Unit Weight, % Clay Lumps and Shale	For every 1,500 cubic meter or fraction thereof
C Coarse Aggregate	Quality Test for Grading, Bulk Specific Gravity, Absorption and Abrasion	For every 1,500 cubic meter or fraction thereof
D Water	Certificate from the Engineer or Quality Test for Density and Chloride Content	One per source
E Steel Bars	Mill Certificate and Quality Test for Chemical Composition and Mechanical Properties	For every 10,000 kg or fraction thereof
F Concrete	Compressive Strength on cylinder samples	1 set consisting of 3 concrete cylinder samples shall be taken from each day's pouring and to represent not more than 75 cu m of concrete or fraction thereof
	Slump Test	For every mix
G Admixture and Concrete Curing Materials	Quality Test	One per shipment
Piling (P)		
A Concrete Piles	Fabrication Report	One per fabrication
1 Concrete	Same test as for SC (F)	Same frequency as SC (F)
2 Steel Bars	Same test as for SC (E)	Same frequency as SC (E)
3 High Tension Strand	Test for Chemical Composition and Mechanical Properties	For every 20000kg or fraction thereof

Materials/Items of Work	Required Tests	Minimum Incremental Frequency of Tests
4 Coarse Aggregates	Same Test as for SC (C)	Same frequency as SC (C)
5 Fine Aggregates	Same Test as for SC (B)	Same frequency as SC (B)
B Steel Pipe Piles	Fabrication Report, Mill Certificate and Quality Test for Chemical and Mechanical properties	One per fabrication
1 Steel	Chemical Composition (refer below)	
	- Under 14" (355 60mm) Outside Diameter	2 from 200 pipe of fraction thereof
	- 14" to 36" (355 6 to 914mm) Outside Dia	2 from 100 pipe or fraction thereof
	- Over 36" (914mm) Outside Diameter	2 from 3000ft (914m) or fraction thereof
	Mechanical/Tensile	One (1) tension test shall be made on one length or fraction thereof of each size, or one piece of skelp representing each lot of 200 lengths or fraction thereof of each size
2 Polyurethane Coating	Mill Certificate and Quality Test	One per fabrication
3 Concrete	Same test as for SC (F)	Same frequency as SC (F)
4 Fine Aggregate	Same test as for SC (B)	Same frequency as SC (B)
5 Coarse Aggregate	Same test as for SC (C)	Same frequency as SC (C)
6 Steel Bars	Same Test as SC (E)	Same frequency as SC (E)
7 Water	Same Test as SC (D)	Same frequency as SC (D)
Rubber Dock Fenders (RDF)	Physical Test	All units
	Performance Test for Energy Absorption and Reaction Force	All units
Accessories		
Washer and Fixing Bolt, Anchor Bolt	Physical Test	All units
	Quality Test for Chemical Composition and Mechanical Properties	One per fabrication

Materials/Items of Work	***Required Tests***	***Minimum Incremental Frequency of Tests***
Mooring Bollard (MB) and Accessories (Hexagon Nuts, Plain Washer, Anchor Ring and Anchor Bolt)	Physical Test Quality Test for Chemical Composition and Mechanical Properties	All Units One per fabrication
II. Construction of Back-Up Area, Causeway and Pavement		
Sheet Piling (SP)		
A Concrete Sheet Piles		
1 Concrete	Same test as for SC (F)	Same frequency as SC (F)
2 Steel Bars	Same test as for SC (E)	Same frequency as SC (E)
3 High Tension Strands	Same test as for P (A 3)	Same frequency as P (A 3)
4 Fine Aggregates	Same test as for SC (B)	Same frequency as SC (B)
5 Coase Aggregates	Same Test as for SC (C)	Same frequency as SC (C)
B Steel Pipe Piles		
1 Steel	Same test as for P (B1)	Same frequency as P (B1)
2 Concrete	Same test as for SC (F)	Same frequency as SC (F)
3 Fine Aggregate	Same test as for SC (B)	Same frequency as SC (B)
4 Steel Bars	Same test as for SC (E)	Same frequency as SC (E)

Materials/Items of Work	***Required Tests***	***Minimum Incremental Frequency of Tests***
Rocks	Test for Apparent Specific Gravity and Abrasion	For every 1,500 cubic meter or fraction thereof
Geotextile Filter	Physical and Mechanical Test Mill Certificate	One per batch One per batch
Sand and Gravel Fill	Quality Test for Organic Impurities and Grading	For every 1,500 cubic meter or fraction thereof
Selected Fill	Quality Test for Grading, Plasticity and Laboratory Compaction Test Laboratory California Bearing Ratio (CBR) Field Density Test	For every 1,500 cubic meter or fraction thereof For every 2,500 cubic meter or fraction thereof For every layer of 150mm of compacted depth at least one group of three In-situ density test for every 500 sq m or fraction thereof
Aggregate Base Course	Quality Test for Grading and Plasticity Quality Test for Grading, Plasticity, Abrasion and Laboratory Compaction Test Laboratory California Bearing Ratio (CBR) Field Density Test	For every 300 cubic meter or fraction thereof For every 1,500 cubic meter or fraction thereof Same frequency as Selected Fill Same frequency as Selected Fill
Portland Cement Concrete Pavement (PCCP) A Portland Cement B Fine Aggregate C Coarse Aggregate D Water E Steel Bars (Dowels) F Joint Filler	 Same test as for SC (A) Same test as for SC (B) Same test as for SC (C) Same test as for SC (D) Same test as for SC (E) Quality Test	 Same frequency as SC (A) Same frequency as SC (B) Same frequency as SC (C) Same frequency as SC (D) Same frequency as SC (E) One (1) per shipment

Materials/Items of Work	***Required Tests***	***Minimum Incremental Frequency of Tests***
G Admixture and Concrete Curing Material	Same test as for SC (G)	Same frequency as SC (G)
H Concrete	Same test as for SC (F)	Same frequency as SC (F)
	Flexural Test	3 beam samples for every 330 sq m or fraction thereof
I Completed Pavement	Core Test	1 set (3 specimen) for every 2,500 sq m and fraction thereof
Interlocking Concrete Blocks		
A Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregate	Same test as for SC (B)	Same frequency as SC (B)
C Coarse Aggregate	Same test as for SC (C)	Same frequency as SC (C)
D Water	Same test as for SC (D)	Same frequency as SC (D)
E Admixture & Concrete Curing Materials	Same test as for SC (G)	Same frequency as SC (G)
F Completed Blocks	Physical Test and Compressive Strength	6 blocks per day of fabrication
Cement Treated Base Course (CTB)		
A Portland Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine & Coarse Aggregates	Quality Test for Grading, Abrasion and Soundness	For every 1,500 cubic meter or fraction thereof
C Water	Same test as for SC (D)	Same frequency as SC (D)
D Completed CTB	Field Density Test	For every layer of 150mm of compacted depth at least one group of three In-situ density test every 500 sq m or fraction thereof
Retaining Wall/Coping Wall/RC Curb/RC Ditch/Shear Key/Concrete Blocks\Lean Concrete		
A Portland Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregate	Same test as for SC (B)	Same frequency as SC (B)

Materials/Items of Work	***Required Tests***	***Minimum Incremental Frequency of Tests***
C Coarse Aggregates	Same test as for SC (C)	Same frequency as SC (C)
D Water	Same test as for SC (D)	Same frequency as SC (D)
E Steel Bars	Same test as for SC (E)	Same frequency as SC (E)
F Admixture and Concrete Curing	Same test as for SC (G)	Same frequency as SC (G)
G Concrete	Same test as for SC (F)	Same frequency as SC (F)
Tie Rod A Steel	Same test as for SC (E)	One per batch
B Assembly	Performance Test (Tension)	One per batch
Tie Bars and Dowels	Same test as for SC (E)	For every 10,000 kg or fraction thereof per Tie bars and Dowels
Pipe Culverts and Storm Drains		
A Pipes	Test for Strength, Absorption and Physical	For every 50 pieces
B Mortar or Joint	Same Test as for SC (A,B and D) Alternative Test Same test as for SC (F) and Inspection Report	For every 25 pieces
Concrete Hollow Blocks		
A Portland Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregates	Same test as for SC (B)	Same frequency as SC (B)
C Water	Same test as for SC (D)	Same frequency as SC (C)
D Concrete	Same test as for SC (F)	Same frequency as SC (F)
E Completed CHB	Quality Test	One for every 500 pieces or fraction thereof
Construction Joints (CJ)		
A Angle Bars	Test for Physical and Mechanical Properties	One per batch
B Steel Bars	Same test as for SC (E)	One per batch
C Zinc (Hot Dip Galvanizing) Coatings	Physical Test for Appearance, Stripping, Weighing, Adherence and Adhesion	All units
	Coating Thickness Magnetic Thickness Measurement	1 set (3 specimen) for every 100,000 sq mm or fraction thereof

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Materials/Items of Work	***Required Tests***	***Minimum Incremental Frequency of Tests***
Sacked Concrete		
A Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregates	Same test as for SC (B)	Same frequency as SC (B)
C Coarse Aggregates	Same test as for SC (C)	Same frequency as SC (C)
D Water	Same test as for SC (D)	Same frequency as SC (D)
E Concrete	Same test as for SC (F)	Same frequency as SC (F)
F Sack (jute)	Physical Test	One for every 50 pieces
Rubble Concrete		
A Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregates	Same test as for SC (B)	Same frequency as SC (B)
C Coarse Aggregates	Same test as for SC (C)	Same frequency as SC (C)
D Water	Same test as for SC (D)	Same frequency as SC (D)
E Concrete	Same test as for SC (F)	Same frequency as SC (F)
F Rocks	Same test as for ROCKS	Same frequency as ROCKS
Earthworks		
A Sub-grade preparation	Grading Test Plasticity Test (LL,PL,PI) Laboratory Compaction Test	For every 1,500 cubic meter or fraction thereof
	Density Test	For every layer of 150mm of compacted depth at least one group of three In-situ density test every 500 sq m or fraction thereof
B Structure Excavation	If excavated materials shall be used as Backfill Grading Test Plasticity Test (LL,PL,PI) Laboratory Compaction Test	For every 1,500 cubic meter or fraction thereof
	Density Test	For every layer of 150mm of compacted depth at least one group of three In-situ density test every 500 sq m or fraction thereof

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Materials/Items of Work	***Required Tests***	***Minimum Incremental Frequency of Tests***
III Port Operations Building/Passenger Terminal Building/Transit Shed/Warehouse		
STRUCTURAL WORKS		
Refer to Structural Concrete (SC) and Piling Works (P)		
ARCHITECTURAL WORKS		
Ceramic – Filled Liquid Membrane / Water Proofing, Hydrophobic Poreblocking Ingredients with Superplasticizer	Physical Property, Mechanical and Chemical Property, Leak Test / Flood Test	One per shipment
Paint	Quality Test	One 4-L can for every 100 cans or fraction thereof
Ceramic Tile	Inspection and Evaluation Report from the Engineer	One per shipment
Stainless Steel	Inspection and Evaluation Report from the Engineer	One per shipment
Roofing Materials	Inspection and Evaluation Report from the Engineer	One per shipment
Ceiling Materials	Inspection and Evaluation Report from the Engineer	One per shipment
ELECTRICAL AND MECHANICAL WORKS		
Wires / Cables	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per shipment
Electrical Devices	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per shipment
Fire Alarm System	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
Wiring Devices	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per shipment

Materials/Items of Work	Required Tests	Minimum Incremental Frequency of Tests
Protective Devices	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per shipment
Telephone System	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
CCTV System	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
CATV System	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
Background Music and Paging System	Inspection and Evaluation Report from the Engineer, Testing and Commissioning	One per item
Air Conditioning Units & Ventilation	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
Conduit Pipes	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
Lighting Fixtures	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
PLUMBING WORKS		
Pipes	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item

Materials/Items of Work	Required Tests	Minimum Incremental Frequency of Tests
Fixtures	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
Pipe Culverts	Compression Strength Inspection and Evaluation Report from the Engineer	For every size not more than 25 pipes cast in the field
IV Miscellaneous Materials Fencing A Barbed Wire, Cyclone Wire Mesh, Chain Link	Physical Test (Dimensions and Coatings)	One per Batch
B Concrete Post	Refer to Superstructure (SC)	Refer to Superstructure (SC)
Lamp Post A Structural Steel	Physical Test (Dimensions) Same test as for SC (E)	All units
B Zinc (Hot Dip Galvanizing) Coatings	Same test as for CJ (C)	One per batch
Drainage Steel Grating	Same test as for SC (E) Inspection Report	One (1) batch
Metal Pipe (Cast Iron Galvanized, etc)	Physical Test (Dimensions and Coatings)	1 per delivery
Welding Works	Destructive and Non Destructive Test	One (1) per lot

NOTES
1. **Testing of RDF shall be performed only by an independent Testing Laboratory duly accredited by BRS, DOST and PPA**
2. **Testing of other materials shall be performed only by an independent Testing Laboratory duly accredited by BRS and PPA.**
3. **All other issuances which are otherwise inconsistent herewith are hereby revoked or otherwise amended.**

Approved

RAUL T. SANTOS
Officer-In-Charge,
Office of the General Manager

SECTION IX

CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages)

Technical Documents

☐ (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**

☐ (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; **and**

☐ (d) Special PCAB License in case of Joint Ventures;
and registration for the type and cost of the contract to be bid; **and**

☐ (e) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**

(f) Project Requirements, which shall include the following:

☐ a. Organizational chart for the contract to be bid;

☐ b. List of contractor's key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;

☐ c. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; **and**

☐ (g) Original duly signed Omnibus Sworn Statement (OSS);
and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

☐ (h) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

☐ (i) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence;
or
duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

☐ (j) Original of duly signed and accomplished Financial Bid Form; **and**

Other documentary requirements under RA No. 9184

☐ (k) Original of duly signed Bid Prices in the Bill of Quantities; **and**

☐ (l) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; **and**

☐ (m) Cash Flow by Quarter.

SECTION X

BIDDING FORM

Bid Form for the Procurement of Infrastructure Projects

[shall be submitted with the Bid]

BID FORM

Date : _____

Project Identification No. : _____

To: **Philippine Ports Authority**
PPA Building, Bonifacio Drive,
South Harbor, Port Area, Manila

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers _____, the receipt of which is hereby duly acknowledged, we, the undersigned, declare that:

a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: **Construction/ Improvement of Port Facilities: Improvement of Passenger Terminal Building, Port of Dapitan, Dapitan City, Zamboanga Del Norte**;

b. We offer to execute the Works for this Contract in accordance with the PBDs;

c. The total price of our Bid in words and figures, excluding any discounts offered below is: _____;

d. The discounts offered and the methodology for their application are: _____;

e. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein and reflected in the detailed estimates,

f. Our Bid shall be valid within the period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;

g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of _____ percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines[1] for this purpose;

h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;

[1] currently based on GPPB Resolution No. 09-2020

i. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and

j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.

k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the **Construction/ Improvement of Port Facilities: Improvement of Passenger Terminal Building, Port of Dapitan, Dapitan City, Zamboanga Del Norte**.

l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

STATEMENT OF THE BIDDER'S ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS, INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED

I hereby declare that all ongoing contracts, including awarded contracts yet to be started coinciding with the contract to be bid are listed below:

Name of outstanding Contracts 1]	Owner's Name and Address	Scope of Work 2]	Contractor's Role and Percentage of Participation 3]	Total Contract Amount or Value 4]	Date of Contract and NOA 5]	Value of Outstanding Works 6]	Accomplishment (in percentage, %) 7]		Contract Duration 8]	
							Planned	Actual	Start of Project	Estimated Completion Date
A) Government Contracts i. On-going ii. Awarded but not yet started B) Private Contracts i. On-going ii. Awarded but not yet started										

NOTE:

1] As appearing in the contract executed by the parties.
2] With special reference to the Scope of Works of the Project as described/enumerated in the Contract.
3] Indicate the percentage of participation and whether as Sole Contractor, Sub-Contractor or Member in a Joint Venture / Consortium.
4] Indicate the FOREX used if Contract Value is expressed in a currency other than the Philippine Peso.
5] As appearing in the Contract and Notice of Award (NOA).
6] Amount or value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract to be bid.
7] Percentage of Accomplishment as of the preceding month which should not be earlier than two (2) months from the date of bid submission.
8] As appearing in the Notice to Proceed and Contract.

This Statement shall be supported by:

a) Notice of Award
b) Notice to Proceed and Contract

Name of Firm

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

Date

Revised: September 2021

STATEMENT OF THE BIDDER'S SINGLE LARGEST COMPLETED CONTRACT (SLCC) SIMILAR TO THE CONTRACT TO BE BID

Name of the completed Contract 1]	Owner's Name and Address	Scope of Work 2]	Contractor's Role and Percentage of Participation 3]	Total Contract Value At 4]			Date of Award 5]	Contract Duration 6]	
				Award	Completion	Escalated Value to Present Prices		Start	Completed

NOTE :

1] As appearing in the contract executed by the parties.
2] With special reference to the Scope of Works of the Project as described/enumerated in the Contract.
3] Indicate the percentage of participation and whether as Sole Contractor, Sub-Contractor or Member in a Joint Venture / Consortium.
4] Indicate the FOREX used if Contract Value is expressed in a currency other than the Philippine Peso. Attached the computation for the escalated contract value.
5] As appearing in the Notice of Award.
6] As appearing in the Notice to proceed and Certificate of Completion.

A. The bidder must have an experience of having completed a SLCC that is similar to the contract to be bid equivalent to at least fifty percent (50%) of the ABC, adjusted if necessary, by the Bidder to current prices using the PSA consumer price indices. A contract is considered to be "similar" to the contract to be bid if it has the same Major Categories of Work as stated in the Bid Data Sheet (BDS).
B. This Statement shall be supported by:
   a. Notice of Award, Notice to Proceed and Contract.
   b. Project Owner's Certificate of Final Acceptance issued by the owner and/ or Constructors Performance Evaluation System (CPES) Final Rating, which must be at least Satisfactory. The said Certificate of Acceptance shall contain the following: 1) Name of project owner that issued the certificate, 2) Name of Contractor/ Constructor, 3) Name of Contract, and 4) Contract Duration.
   c. Recapitulation or Final Bill of Quantities.

Name of Firm

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

Date

Revised: September 2021

STATEMENT OF THE BIDDER'S EXPERIENCE ON MAJOR CATEGORIES OF WORK OF THE SLCC INCLUDING OTHER COMPLETED CONTRACTS SIMILAR TO THE CONTRACT TO BE BID

Major Categories of Work 1]	Unit of Measure 1]	Quantity 1]	SLCC similar to the contract to be bid 2]	Other completed contracts similar to the contract to be bid 2]			Unit of Measure 2]	Quantity 2]
			Name of the contract	Name of the contract	Name of the contract	Name of the contract		
1. Construction of Building	sq.m.	415						

NOTE:
1] As stated in the Bid Data Sheet.
2] As appearing in the Recapitulation and/ or Final Bill of Quantities.
This statement shall be supported by:

a. Notice of Award, Notice to Proceed and Contract.
b. Project Owner's Certificate of Final Acceptance issued by the owner and/ or Constructors Performance Evaluation System (CPES) Final Rating, of at least satisfactory. The said Certificate of Acceptance shall contain the following: 1) Name of project owner that issued the certificate, 2) Name of Contractor/Constructor, 3) Name of Contract, and 4) Contract Duration.
c. Recapitulation and/ or Final Bill of Quantities.

Name of Firm

Name of Bidder/Authorized Representative
Signatory's Legal Capacity

Date

Revised: September 2021

FINANCIAL DATA

A. The prospective bidder's audited Financial Statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "RECEIVED" by the Bureau of Internal Revenue (BIR), or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission.

	Year
1. Total Assets	
2. Current Assets	
3. Total Liabilities	
4. Current Liabilities	
5. Net worth (1-3)	
6. Net Working Capital (2-4)	

B. The computation of the bidders Net Financial Contracting Capacity (NFCC) must be at least equal to the ABC to be bid, as follows:

NFCC = [(Current assets minus current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract to be bid.

NFCC = _____

Attached herewith are certified true copies of the audited financial statements stamped received by the BIR or BIR authorized collecting agent for the latest/immediately preceding calendar year.

_____
Name of Firm/Applicant

_____
Authorized Signing Official

Date:_____

NOTES:

If Partnership or Joint Venture, each Partner or Member Firm of Joint venture shall submit separate financial statements.