

**Office of the President  
of the Philippines  
Malacañang**

**BID BULLETIN**

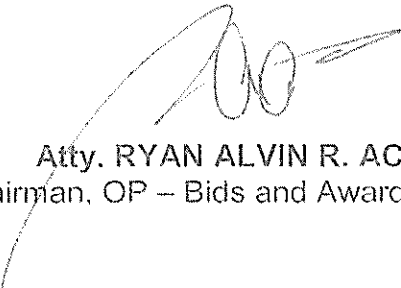
Pursuant to the Invitation to Bid published last 22 April 2021 in PhilGEPS, OP-website and three conspicuous places regarding the Project – One (1) Lot Supply of Labor and Materials for the Construction of New Two (2) Storey with Roofdeck of OP-MIMPO Building with Purchase Request (PR) No. 21-02-1084, please be informed of the following changes approved by the Bids and Awards Committee (BAC) during the Pre-bid Conference held on 29 April 2021, 2:00PM through video conferencing/webcasting via Zoom meeting; in accordance with the amendments/changes in the Bidding Documents recommended by the End-user as follows:

PARTICULARS	FROM	TO
Section III. Bid Data Sheet ITB Clause 5.2	a. Construction of a Two (2) Storey Building with Roofdeck	a. Construction of at least Two (2) Storey Building with or without Roofdeck
Section VIII. Bill of Quantities Detailed Unit Price Analysis Item No. 5.10 - Excavation Work	See attached Annex A (OLD)	See attached Annex B (REVISED)
Section VIII. Bill of Quantities Detailed Unit Price Analysis Item No. 12.10 - Tile Works	Floor Tiles, Verify Size and Design	Floor Tiles, Verify Size and Design (Including Cementitious Waterproofing at Roof Deck Flooring)
A. MATERIALS (DESCRIPTION)	Toilet Non-skid Floor Tiles, Verify Size and Design	Toilet Non-skid Floor Tiles, Verify Size and Design (Including Cementitious Waterproofing)
Section VIII. Bill of Quantities Detailed Unit Price Analysis Item No. 14.20 - Fire Protection Works	Work Item Duration: 15 C.D.	Work Item Duration: 30 C.D.
Section VIII. Bill of Quantities Detailed Unit Price Analysis Item No. 17.20 - Wires and Cables	See attached Annex C (OLD)	See attached Annex D (REVISED)
Section VIII. Bill of Quantities Detailed Unit Price Analysis Item Nos. 1 to 18.00	Minor Tools (10% of Labor Cost)	Minor Tools (Maximum of 10% of Labor Cost)
C. EQUIPMENTS		

Moreover, the bidders must attach a copy of this Bid Bulletin to their bid documents and state therein "Comply" or "Not Comply" with each of the amendments/changes in the Bidding Documents.

PARTICULARS	Statement of Compliance
Section III. Bid Data Sheet ITB Clause 5.2 a. Construction of at least Two (2) Storey Building with or without Roofdeck	
Section VIII. Bill of Quantities Detailed Unit Price Analysis Item No. 5.10 - Excavation Work  See attached Annex B (REVISED)	
Section VIII. Bill of Quantities Detailed Unit Price Analysis Item No. 12.10 - Tile Works A. MATERIALS (DESCRIPTION)  Floor Tiles, Verify Size and Design (Including Cementitious Waterproofing at Roof Deck Flooring)	
Section VIII. Bill of Quantities Detailed Unit Price Analysis Item No. 12.10 - Tile Works A. MATERIALS (DESCRIPTION)  Toilet Non-skid Floor Tiles, Verify Size and Design (Including Cementitious Waterproofing)	
Section VIII. Bill of Quantities Detailed Unit Price Analysis Item No. 14.20 - Fire Protection Works  Work Item Duration: 30 C.D.	
Section VIII. Bill of Quantities Detailed Unit Price Analysis Item No. 17.20 - Wires and Cables  See attached Annex D (REVISED)	
Section VIII. Bill of Quantities Detailed Unit Price Analysis Item Nos. 1 to 18.00 B. EQUIPMENTS  Minor Tools (Maximum of 10% of Labor Cost)	

Please be guided accordingly.

  
**Atty. RYAN ALVIN R. ACOSTA**  
 Chairman, OP – Bids and Awards Committee

12 May 2021

FJDB/OP-BACSEC

DETAILED UNIT PRICE ANALYSIS (DUPA)					
Item No. :	5.10	Date			
Work Description :	EXCAVATION WORKS	Adjusted Total Cost			
Work Item Duration :	10.00 C.D.	Assumed Quantity	518.91		
		Unit	CU.M.		
<b>a.</b>	<b>MATERIALS</b>				
	<b>DESCRIPTION</b>	<b>Qty.</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Amount.</b>
	n/a				n/a
	<i>Sub-total</i>				n/a
<b>b.</b>	<b>LABOR</b>				
	<b>LIST OF MAN POWER</b>	<b>No. of Person</b>	<b>No. of Days</b>	<b>Daily Rate</b>	<b>Amount</b>
	Construction Foreman	1	5		
	Skilled Laborer	2	10		
	Unskilled Laborer	4	10		
	Backhoe Operator	1	5		
	<i>Sub-total</i>				
<b>c.</b>	<b>EQUIPMENTS</b>				
	<b>LIST OF EQUIPMENT</b>	<b>No. of Units</b>	<b>No. of Days</b>	<b>Daily Rate</b>	<b>Amount</b>
	Minor Tools (10% of Labor Cost)				
	<i>Sub-total</i>				
<b>d.</b>	<b>ESTIMATED DIRECT COST (EDC)</b>		$(a + b + c)$		:
<b>e.</b>	<b>INDIRECT COSTS (IC)</b>				
	1. Overhead, Contingencies & Miscellaneous Expenses (OCM) as	12%	of ( d )		
	2. Contractor's Profit as	8%	of ( d )		
	<i>Sub-total</i>				
<b>f.</b>	<b>VALUE-ADDED TAX (VAT)</b>	12%	of ( d + e )		
<b>g.</b>	<b>MOBILIZATION / DEMOBILIZATION</b>	1%	of ( d )		
<b>h.</b>	<b>TOTAL COST</b>	$(d + e + f + g + h)$			
<b>i.</b>	<b>UNIT COST</b>	$(h / \text{Assumed Quantity})$			

Submitted by:

Name/Signature of the Representative of the

Bidder: \_\_\_\_\_

Date: \_\_\_\_\_

Position: \_\_\_\_\_

Name of the Bidder: \_\_\_\_\_

DETAILED UNIT PRICE ANALYSIS (DUPA)					
Item No. :	5.10	Date			
Work Description :	EXCAVATION WORKS	Adjusted Total Cost			
Work Item Duration :	10.00 C.D.	Assumed Quantity	518.91		
		Unit	CU.M.		
<b>a.</b>	<b>MATERIALS</b>				
	<b>DESCRIPTION</b>	<b>Qty.</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Amount</b>
	n/a				n/a
	<i>Sub-total</i>				n/a
<b>b.</b>	<b>LABOR</b>				
	<b>LIST OF MAN POWER</b>	<b>No. of Person</b>	<b>No. of Days</b>	<b>Daily Rate</b>	<b>Amount</b>
	Construction Foreman	1	5		
	Skilled Laborer	2	10		
	Unskilled Laborer	4	10		
	Backhoe Operator	1	5		
	<i>Sub-total</i>				
<b>c.</b>	<b>EQUIPMENTS</b>				
	<b>LIST OF EQUIPMENT</b>	<b>No. of Units</b>	<b>No. of Days</b>	<b>Daily Rate</b>	<b>Amount</b>
	Minor Tools (Maximum of 10% of Labor Cost)				
	Backhoe (0.50cu.m Capacity)	1	5		
	<i>Sub-total</i>				
<b>d.</b>	<b>ESTIMATED DIRECT COST (EDC)</b>		<i>(a + b + c)</i>		:
<b>e.</b>	<b>INDIRECT COSTS (IC)</b>				
	1. Overhead, Contingencies & Miscellaneous Expenses (OCM) as	12%	of ( d )		
	2. Contractor's Profit as	8%	of ( d )		
	<i>Sub-total</i>				
<b>f.</b>	<b>VALUE-ADDED TAX (VAT)</b>		12% of (d + e)		
<b>g.</b>	<b>MOBILIZATION / DEMOBILIZATION</b>		1% of ( d )		
<b>h.</b>	<b>TOTAL COST</b>		<i>(d + e + f + g +h)</i>		
<b>i.</b>	<b>UNIT COST</b>		<i>(h / Assumed Quantity)</i>		

Submitted by:

Name/Signature of the Representative of the Bidder:

Date:

Position:

Name of the Bidder:

DETAILED UNIT PRICE ANALYSIS (DUPA)					
Item No. :	17.20	Date			
Work Description :	WIRES AND CABLES	Adjusted Total Cost			
Work Item Duration :	30 C.D.	Assumed Quantity		1.00	
		Unit		L.S.	
<b>a. MATERIALS</b>					
	<b>DESCRIPTION</b>	<b>Qty.</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Amount</b>
	150mm <sup>2</sup> THHN Wire	75	mtrs		
	80mm <sup>2</sup> THHN Wire	15	mtrs		
	60mm <sup>2</sup> THHN Wire	15	mtrs		
	22mm <sup>2</sup> THHN Wire	15	mtrs		
	5.5mm <sup>2</sup> THHN Wire, 150m/roll	7	rolls		
	3.5mm <sup>2</sup> THHN Wire, 150m/roll	16	rolls		
	2.0mm <sup>2</sup> THHN Wire, 150m/roll	50	mtrs		
	<i>Sub-total</i>				
<b>b. LABOR</b>					
	<b>LIST OF MAN POWER</b>	<b>No. of Person</b>	<b>No. of Days</b>	<b>Daily Rate</b>	<b>Amount</b>
	Construction Foreman	1	30		
	Electrician	2	30		
	Unskilled Laborer	2	30		
	<i>Sub-total</i>				
<b>c. EQUIPMENTS</b>					
	<b>LIST OF EQUIPMENT</b>	<b>No. of Units</b>	<b>No. of Days</b>	<b>Daily Rate</b>	<b>Amount</b>
	Minor Tools (10% of Labor Cost)				
	<i>Sub-total</i>				
<b>d. ESTIMATED DIRECT COST (EDC)</b>	<i>(a + b + c)</i>				:
<b>e. INDIRECT COSTS (IC)</b>					
	1. Overhead, Contingencies & Miscellaneous Expenses (OCM) as	12%	of ( d )		
	2. Contractor's Profit as	8%	of ( d )		
	<i>Sub-total</i>				
<b>f. VALUE-ADDED TAX (VAT)</b>	12% of (d + e)				
<b>g. MOBILIZATION / DEMOBILIZATION</b>	1% of ( d )				
<b>h. TOTAL COST</b>	<i>(d + e + f + g + h)</i>				
<b>i. UNIT COST</b>	<i>(h / Assumed Quantity)</i>				

Submitted by:

Name/Signature of the Representative of the

Bidder: \_\_\_\_\_

Date: \_\_\_\_\_

Position: \_\_\_\_\_

Name of the Bidder: \_\_\_\_\_

DETAILED UNIT PRICE ANALYSIS (DUPA)					
Item No. :	17.20	Date			
Work Description :	WIRES AND CABLES	Adjusted Total Cost			
Work Item Duration :	30 C.D.	Assumed Quantity		1.00	
		Unit		L.S.	
<b>a. MATERIALS</b>					
	<b>DESCRIPTION</b>	<b>Qty.</b>	<b>Unit</b>	<b>Unit Cost</b>	<b>Amount</b>
	150mm <sup>2</sup> THHN Wire	75	mtrs		
	50mm <sup>2</sup> THHN Wire	30	mtrs		
	38mm <sup>2</sup> THHN Wire	15	mtrs		
	14mm <sup>2</sup> THHN Wire	40	mtrs		
	5.5mm <sup>2</sup> THHN Wire, 150m/roll	7	rolls		
	3.5mm <sup>2</sup> THHN Wire, 150m/roll	16	rolls		
	2.0mm <sup>2</sup> THHN Wire, 150m/roll	10	mtrs		
	<i>Sub-total</i>				
<b>b. LABOR</b>					
	<b>LIST OF MAN POWER</b>	<b>No. of Person</b>	<b>No. of Days</b>	<b>Daily Rate</b>	<b>Amount</b>
	Construction Foreman	1	30		
	Electrician	2	30		
	Unskilled Laborer	2	30		
	<i>Sub-total</i>				
<b>c. EQUIPMENTS</b>					
	<b>LIST OF EQUIPMENT</b>	<b>No. of Units</b>	<b>No. of Days</b>	<b>Daily Rate</b>	<b>Amount</b>
	Minor Tools (Maximum of 10% of Labor Cost)				
	<i>Sub-total</i>				
<b>d. ESTIMATED DIRECT COST (EDC)</b>	<i>(a + b + c)</i>				
<b>e. INDIRECT COSTS (IC)</b>					
	1. Overhead, Contingencies & Miscellaneous Expenses (OCM) as	12%	of ( d )		
	2. Contractor's Profit as	8%	of ( d )		
	<i>Sub-total</i>				
<b>f. VALUE-ADDED TAX (VAT)</b>	12% of (d + e)				
<b>g. MOBILIZATION / DEMOBILIZATION</b>	1% of ( d )				
<b>h. TOTAL COST</b>	<i>(d + e + f + g +h)</i>				
<b>i. UNIT COST</b>	<i>(h / Assumed Quantity)</i>				

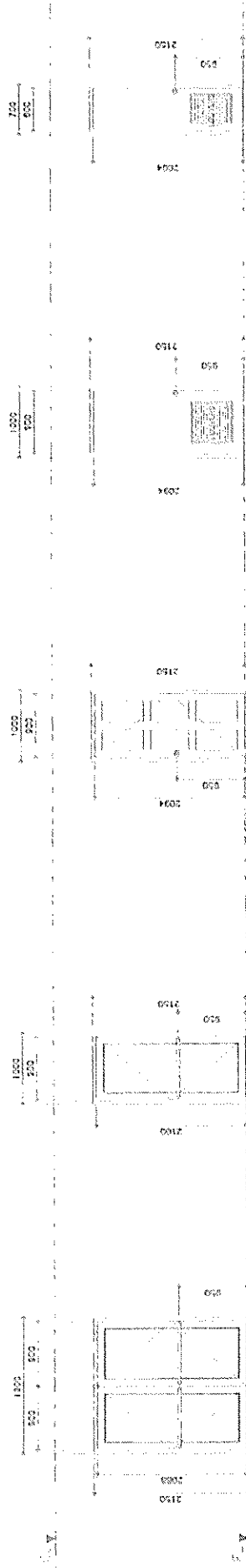
Submitted by:

Name/Signature of the Representative of the Bidder:

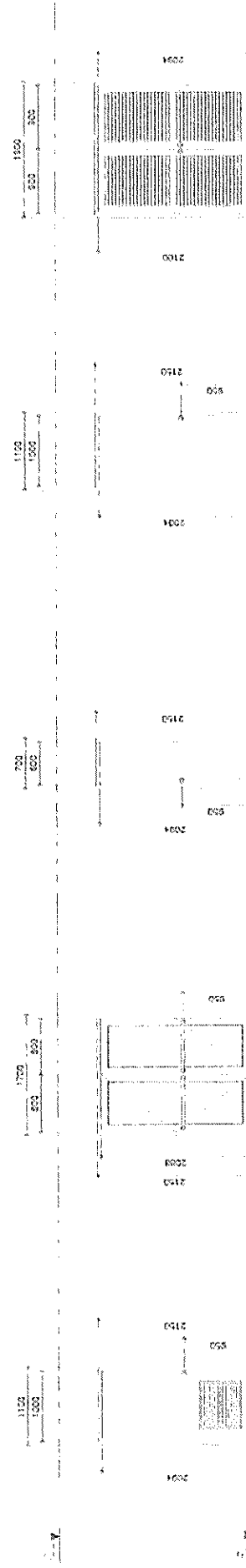
Date:

Position:

Name of the Bidder:



NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL
D 1	WOODEN DOOR WITH GLASS ON TOP AND CLEAR GLASS ON BOTTOM FRAME	SQ. METERS	2.00	1,100.00	2,200.00
D 2	WOODEN DOOR WITH GLASS ON TOP AND CLEAR GLASS ON BOTTOM FRAME	SQ. METERS	2.00	1,100.00	2,200.00
D 3	WOODEN DOOR WITH GLASS ON TOP AND CLEAR GLASS ON BOTTOM FRAME	SQ. METERS	2.00	1,100.00	2,200.00
D 4	WOODEN DOOR WITH GLASS ON TOP AND CLEAR GLASS ON BOTTOM FRAME	SQ. METERS	2.00	1,100.00	2,200.00



D 5	WOODEN DOOR WITH GLASS ON TOP AND CLEAR GLASS ON BOTTOM FRAME	SQ. METERS	2.00	1,100.00	2,200.00
D 6	WOODEN DOOR WITH GLASS ON TOP AND CLEAR GLASS ON BOTTOM FRAME	SQ. METERS	2.00	1,100.00	2,200.00
D 7	WOODEN DOOR WITH GLASS ON TOP AND CLEAR GLASS ON BOTTOM FRAME	SQ. METERS	2.00	1,100.00	2,200.00
D 8	WOODEN DOOR WITH GLASS ON TOP AND CLEAR GLASS ON BOTTOM FRAME	SQ. METERS	2.00	1,100.00	2,200.00

1 SCHEDULE OF DOORS



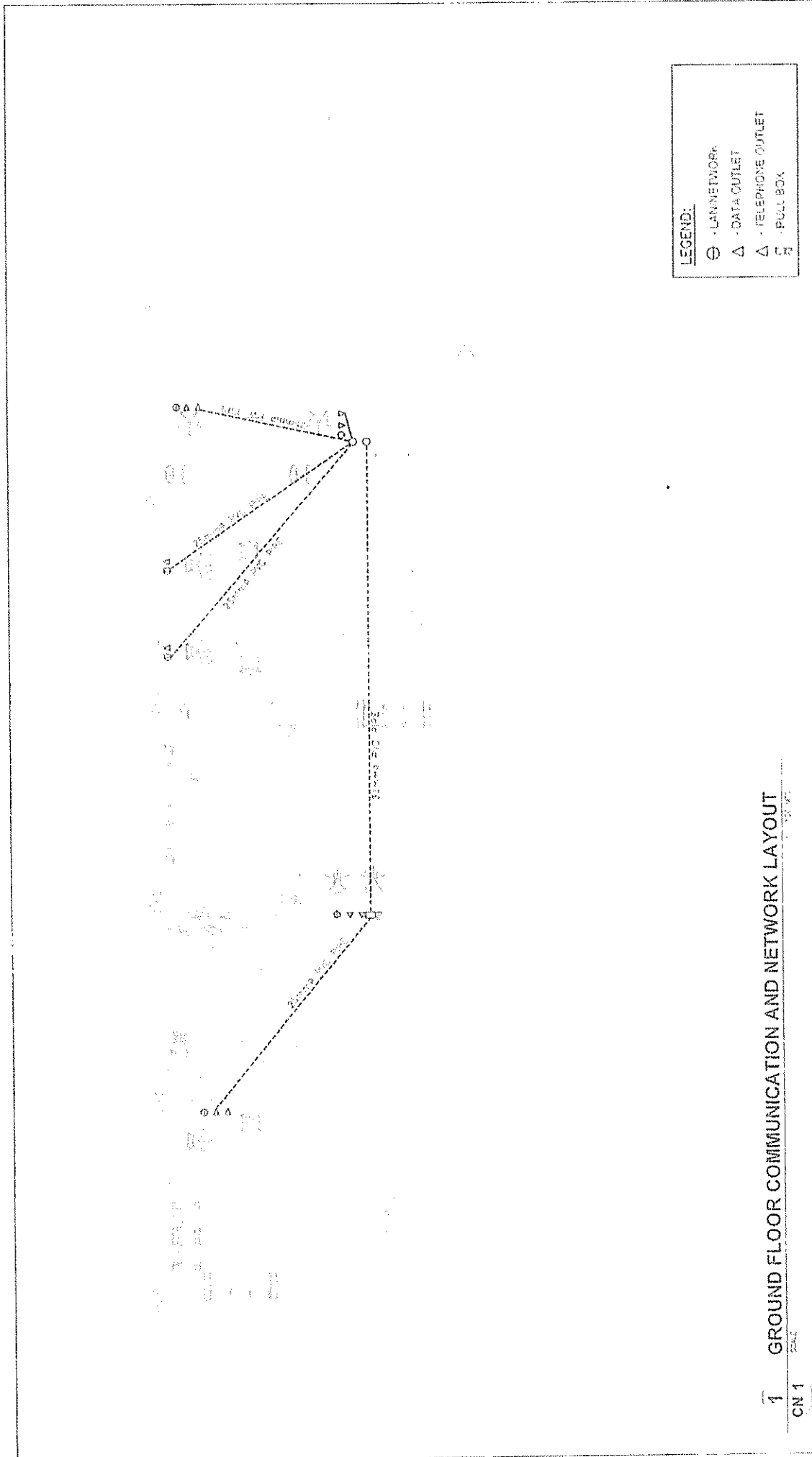
PREPARED BY: **Malabanan**  
ENGINEERING OFFICE  
Office of the President

PROPOSED MOTORPOOL OFFICE BUILDING

PREPARED BY: **EDMUND C. SCAT**






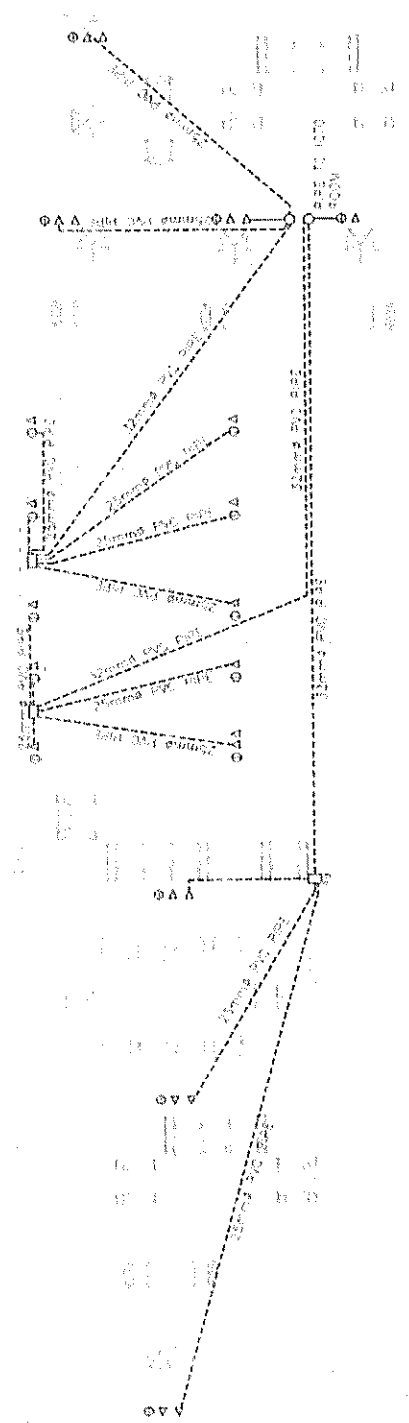


**LEGEND:**  
 ○ - LAN NETWORK  
 △ - DATA OUTLET  
 △ - TELEPHONE OUTLET  
 □ - PULL BOX

**1 GROUND FLOOR COMMUNICATION AND NETWORK LAYOUT**

	PREPARED BY: <b>Halimatus</b> ENGINEERING OFFICE Office of the President	PROJECT: <b>PROPOSED MOTORPOOL OFFICE BUILDING</b>	CLIENT: <b>SENAPEDRO O. BULATO</b>	DESIGNER: <b>RIZALINA N. JUSTOL</b>
	DATE: _____	DRAWN BY: _____	CHECKED BY: _____	APPROVED BY: _____

CN 1



**LEGEND:**

- LAN NETWORK
- △ DATA OUTLET
- △ TELEPHONE OUTLET
- PULL BOX

**1 SECOND FLOOR COMMUNICATION AND NETWORK LAYOUT**

CN 2

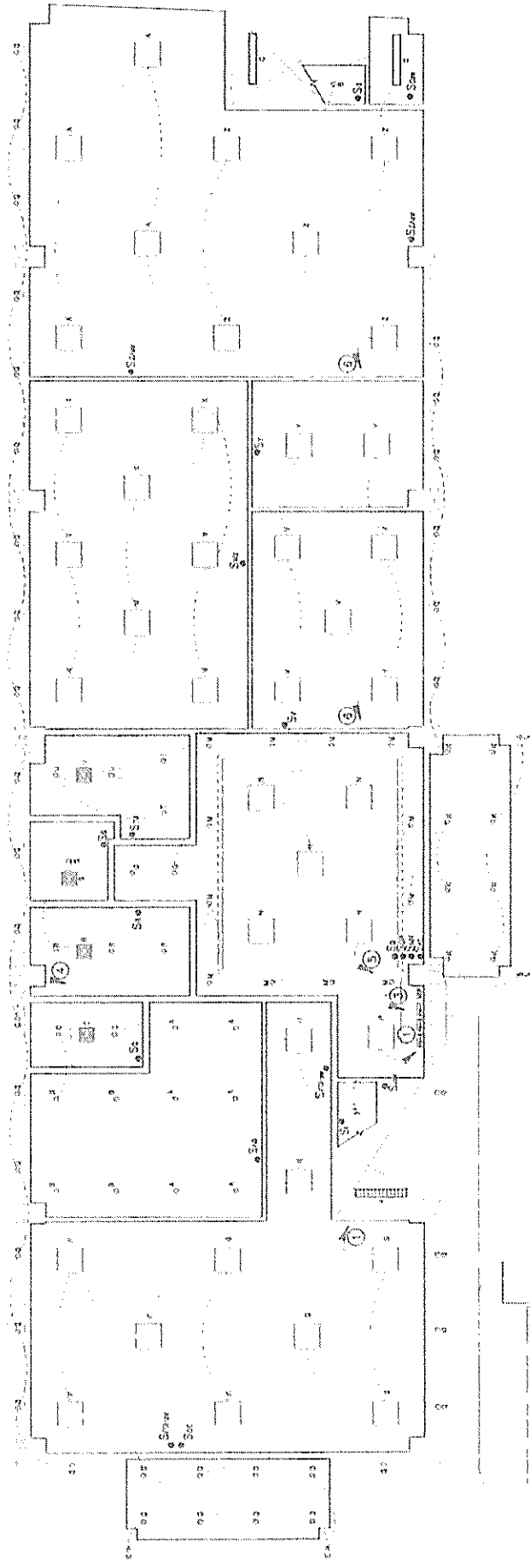


PREPARED BY  
**Malabanan**  
 ENGINEERING OFFICE  
 Office of the President

PROPOSED MOTORPOOL  
 OFFICE BUILDING

BENEFEDO O. BULATAC  
 RIZALINA N. JUSTOL

CN 2



PB-3 PB-2 PB-1 MDP

FLUSH MOUNTED PANEL BOARD

**1 GROUND FLOOR LIGHTING LAYOUT**  
 E 2

	PREPARED BY <b>Malacanan</b> ENGINEERING OFFICE Office of the President	PROJECT TITLE <b>PROPOSED MOTORPOOL OFFICE BUILDING</b>	PROJECT NO. <b>2</b>
	CHECKED BY <b>BENEFREDO O. BULATAO</b>	DRAWN BY <b>R. ZALINA N. JUSTO</b>	DATE <b>11/15/2017</b>

POWER & LIGHTING LOADS

**SCHEDULE OF LOADS**

NO.	DESCRIPTION	FLOOR POWER				TOTAL POWER	VOL. OF CONDUITS	SIZE OF CONDUITS	SIZE OF RISER
		1	2	3	4				
1	OFFICE	100	100	100	300	300	1/2"	1/2"	
2	CONFERENCE	100	100	100	300	300	1/2"	1/2"	
3	RECEPTION	100	100	100	300	300	1/2"	1/2"	
4	STORAGE	100	100	100	300	300	1/2"	1/2"	
5	RESTROOM	100	100	100	300	300	1/2"	1/2"	
6	STAIR	100	100	100	300	300	1/2"	1/2"	
7	MECHANICAL	100	100	100	300	300	1/2"	1/2"	
8	TELEPHONE	100	100	100	300	300	1/2"	1/2"	
9	SERVER	100	100	100	300	300	1/2"	1/2"	
10	UPS	100	100	100	300	300	1/2"	1/2"	
11	GENERATOR	100	100	100	300	300	1/2"	1/2"	
12	TRANSFORMER	100	100	100	300	300	1/2"	1/2"	
13	WATER	100	100	100	300	300	1/2"	1/2"	
14	PLUMBING	100	100	100	300	300	1/2"	1/2"	
15	AC	100	100	100	300	300	1/2"	1/2"	
16	HEATING	100	100	100	300	300	1/2"	1/2"	
17	VENTILATION	100	100	100	300	300	1/2"	1/2"	
18	PA	100	100	100	300	300	1/2"	1/2"	
19	TV	100	100	100	300	300	1/2"	1/2"	
20	OTHER	100	100	100	300	300	1/2"	1/2"	
TOTAL		1000	1000	1000	3000	3000			

1. ALL LOADS ARE IN VA  
2. ALL LOADS ARE IN VA  
3. ALL LOADS ARE IN VA

POWER & LIGHTING LOADS

**SCHEDULE OF LOADS**

NO.	DESCRIPTION	FLOOR POWER				TOTAL POWER	VOL. OF CONDUITS	SIZE OF CONDUITS	SIZE OF RISER
		1	2	3	4				
1	OFFICE	100	100	100	300	300	1/2"	1/2"	
2	CONFERENCE	100	100	100	300	300	1/2"	1/2"	
3	RECEPTION	100	100	100	300	300	1/2"	1/2"	
4	STORAGE	100	100	100	300	300	1/2"	1/2"	
5	RESTROOM	100	100	100	300	300	1/2"	1/2"	
6	STAIR	100	100	100	300	300	1/2"	1/2"	
7	MECHANICAL	100	100	100	300	300	1/2"	1/2"	
8	TELEPHONE	100	100	100	300	300	1/2"	1/2"	
9	SERVER	100	100	100	300	300	1/2"	1/2"	
10	UPS	100	100	100	300	300	1/2"	1/2"	
11	GENERATOR	100	100	100	300	300	1/2"	1/2"	
12	TRANSFORMER	100	100	100	300	300	1/2"	1/2"	
13	WATER	100	100	100	300	300	1/2"	1/2"	
14	PLUMBING	100	100	100	300	300	1/2"	1/2"	
15	AC	100	100	100	300	300	1/2"	1/2"	
16	HEATING	100	100	100	300	300	1/2"	1/2"	
17	VENTILATION	100	100	100	300	300	1/2"	1/2"	
18	PA	100	100	100	300	300	1/2"	1/2"	
19	TV	100	100	100	300	300	1/2"	1/2"	
20	OTHER	100	100	100	300	300	1/2"	1/2"	
TOTAL		1000	1000	1000	3000	3000			

1. ALL LOADS ARE IN VA  
2. ALL LOADS ARE IN VA  
3. ALL LOADS ARE IN VA

POWER & LIGHTING LOADS

**SCHEDULE OF LOADS**

NO.	DESCRIPTION	FLOOR POWER				TOTAL POWER	VOL. OF CONDUITS	SIZE OF CONDUITS	SIZE OF RISER
		1	2	3	4				
1	OFFICE	100	100	100	300	300	1/2"	1/2"	
2	CONFERENCE	100	100	100	300	300	1/2"	1/2"	
3	RECEPTION	100	100	100	300	300	1/2"	1/2"	
4	STORAGE	100	100	100	300	300	1/2"	1/2"	
5	RESTROOM	100	100	100	300	300	1/2"	1/2"	
6	STAIR	100	100	100	300	300	1/2"	1/2"	
7	MECHANICAL	100	100	100	300	300	1/2"	1/2"	
8	TELEPHONE	100	100	100	300	300	1/2"	1/2"	
9	SERVER	100	100	100	300	300	1/2"	1/2"	
10	UPS	100	100	100	300	300	1/2"	1/2"	
11	GENERATOR	100	100	100	300	300	1/2"	1/2"	
12	TRANSFORMER	100	100	100	300	300	1/2"	1/2"	
13	WATER	100	100	100	300	300	1/2"	1/2"	
14	PLUMBING	100	100	100	300	300	1/2"	1/2"	
15	AC	100	100	100	300	300	1/2"	1/2"	
16	HEATING	100	100	100	300	300	1/2"	1/2"	
17	VENTILATION	100	100	100	300	300	1/2"	1/2"	
18	PA	100	100	100	300	300	1/2"	1/2"	
19	TV	100	100	100	300	300	1/2"	1/2"	
20	OTHER	100	100	100	300	300	1/2"	1/2"	
TOTAL		1000	1000	1000	3000	3000			

1. ALL LOADS ARE IN VA  
2. ALL LOADS ARE IN VA  
3. ALL LOADS ARE IN VA

POWER & LIGHTING LOADS

**SCHEDULE OF LOADS**

NO.	DESCRIPTION	FLOOR POWER				TOTAL POWER	VOL. OF CONDUITS	SIZE OF CONDUITS	SIZE OF RISER
		1	2	3	4				
1	OFFICE	100	100	100	300	300	1/2"	1/2"	
2	CONFERENCE	100	100	100	300	300	1/2"	1/2"	
3	RECEPTION	100	100	100	300	300	1/2"	1/2"	
4	STORAGE	100	100	100	300	300	1/2"	1/2"	
5	RESTROOM	100	100	100	300	300	1/2"	1/2"	
6	STAIR	100	100	100	300	300	1/2"	1/2"	
7	MECHANICAL	100	100	100	300	300	1/2"	1/2"	
8	TELEPHONE	100	100	100	300	300	1/2"	1/2"	
9	SERVER	100	100	100	300	300	1/2"	1/2"	
10	UPS	100	100	100	300	300	1/2"	1/2"	
11	GENERATOR	100	100	100	300	300	1/2"	1/2"	
12	TRANSFORMER	100	100	100	300	300	1/2"	1/2"	
13	WATER	100	100	100	300	300	1/2"	1/2"	
14	PLUMBING	100	100	100	300	300	1/2"	1/2"	
15	AC	100	100	100	300	300	1/2"	1/2"	
16	HEATING	100	100	100	300	300	1/2"	1/2"	
17	VENTILATION	100	100	100	300	300	1/2"	1/2"	
18	PA	100	100	100	300	300	1/2"	1/2"	
19	TV	100	100	100	300	300	1/2"	1/2"	
20	OTHER	100	100	100	300	300	1/2"	1/2"	
TOTAL		1000	1000	1000	3000	3000			

1. ALL LOADS ARE IN VA  
2. ALL LOADS ARE IN VA  
3. ALL LOADS ARE IN VA

1 SCHEDULE OF LOADS AND MDP RISER DIAGRAM

E 8

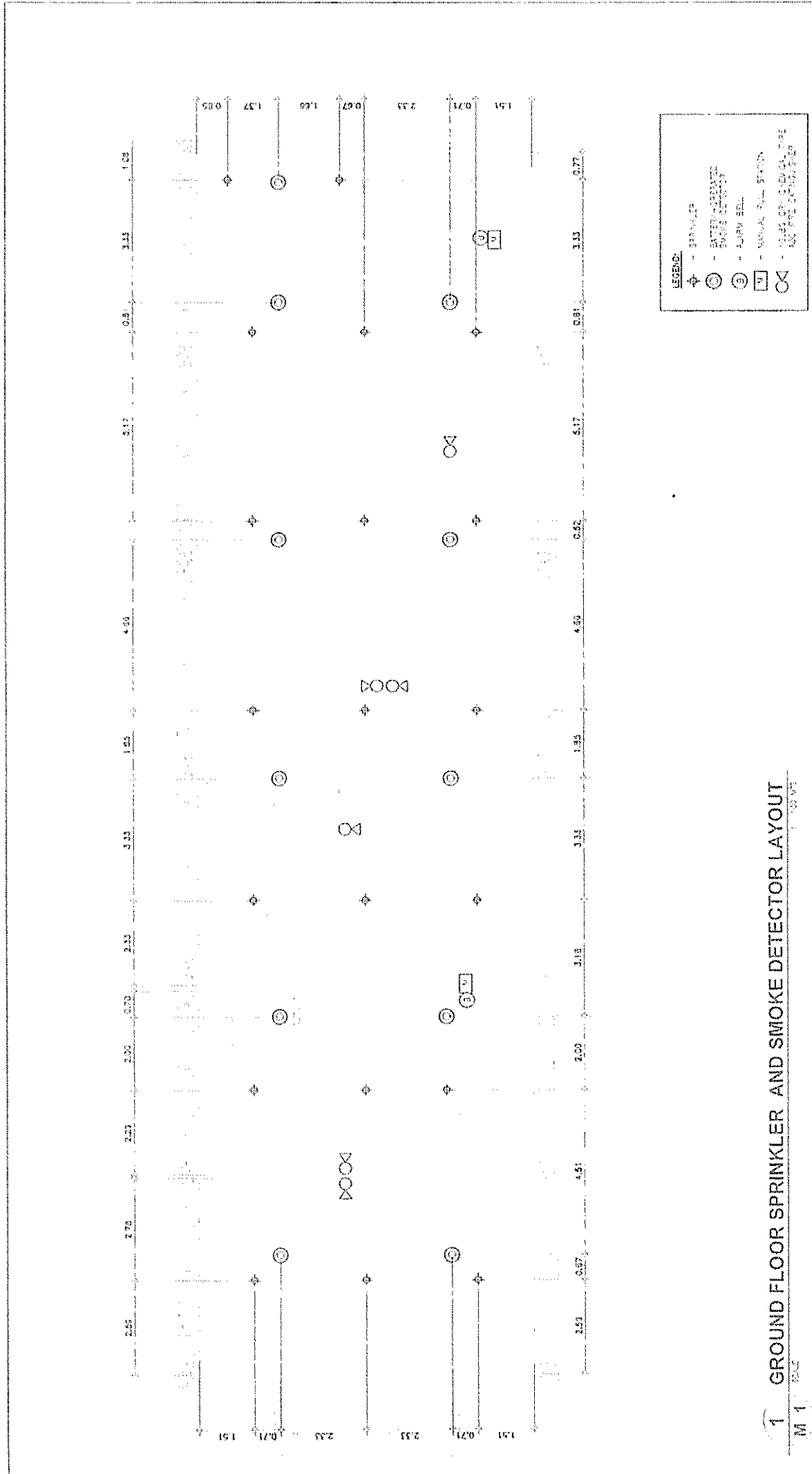
PREPARED BY  
**Alataniang**  
ENGINEERING OFFICE  
Office of the President

PROPOSED MOTORPOOL  
OFFICE BUILDING

PREPARED BY  
BENEFREDO O. BULACAC  
RIZALINA N. JUSTOL

DATE  
15 FEBRUARY 2015

SCALE  
AS SHOWN



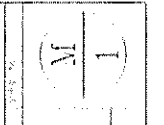
1 GROUND FLOOR SPRINKLER AND SMOKE DETECTOR LAYOUT  
M 1

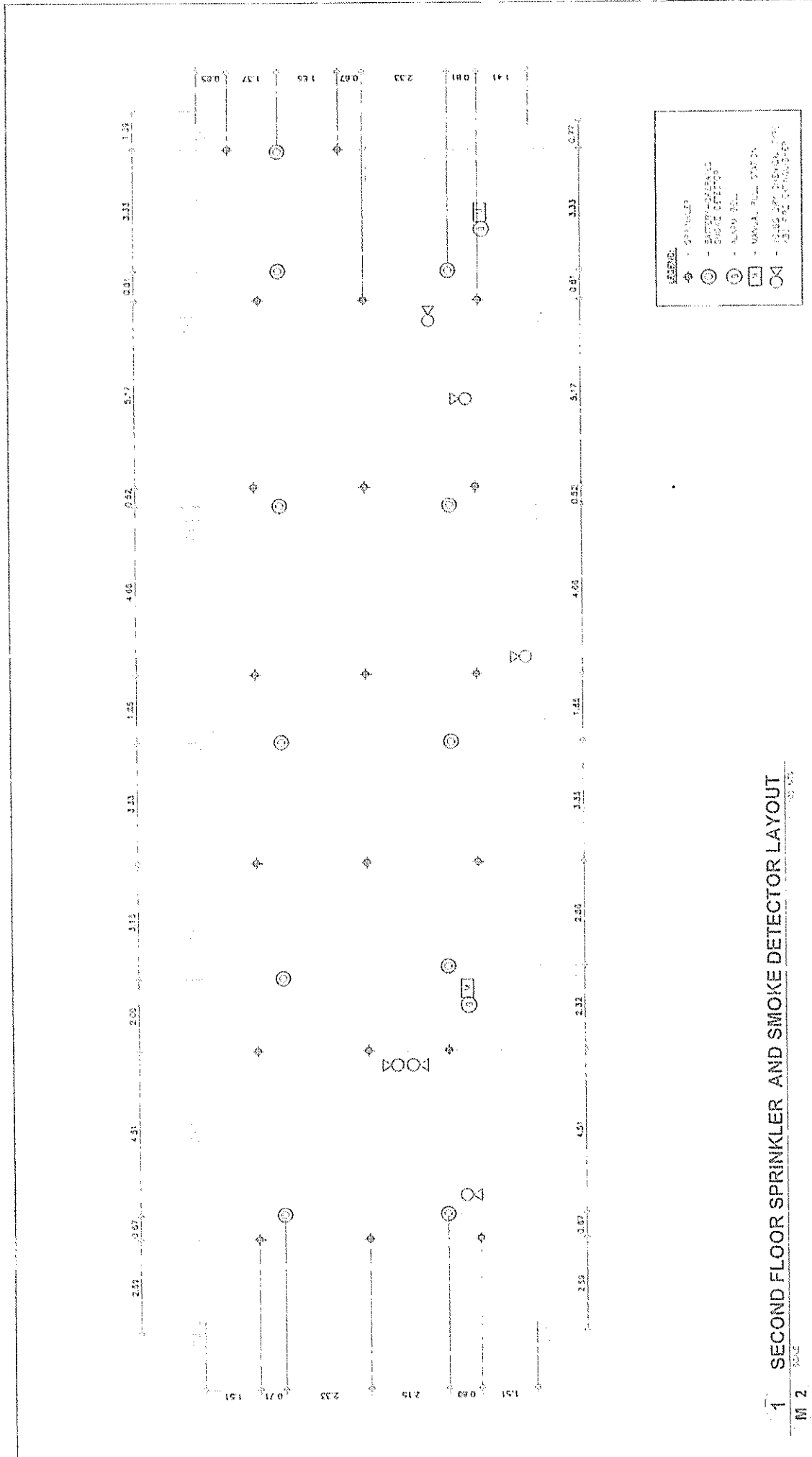


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Office of the President

PROPOSED MOTORPOOL  
OFFICE BUILDING

BENEFREDO O. BULATAO  
RIZALINA N. JUSTOL





**1 SECOND FLOOR SPRINKLER AND SMOKE DETECTOR LAYOUT**  
SCALE

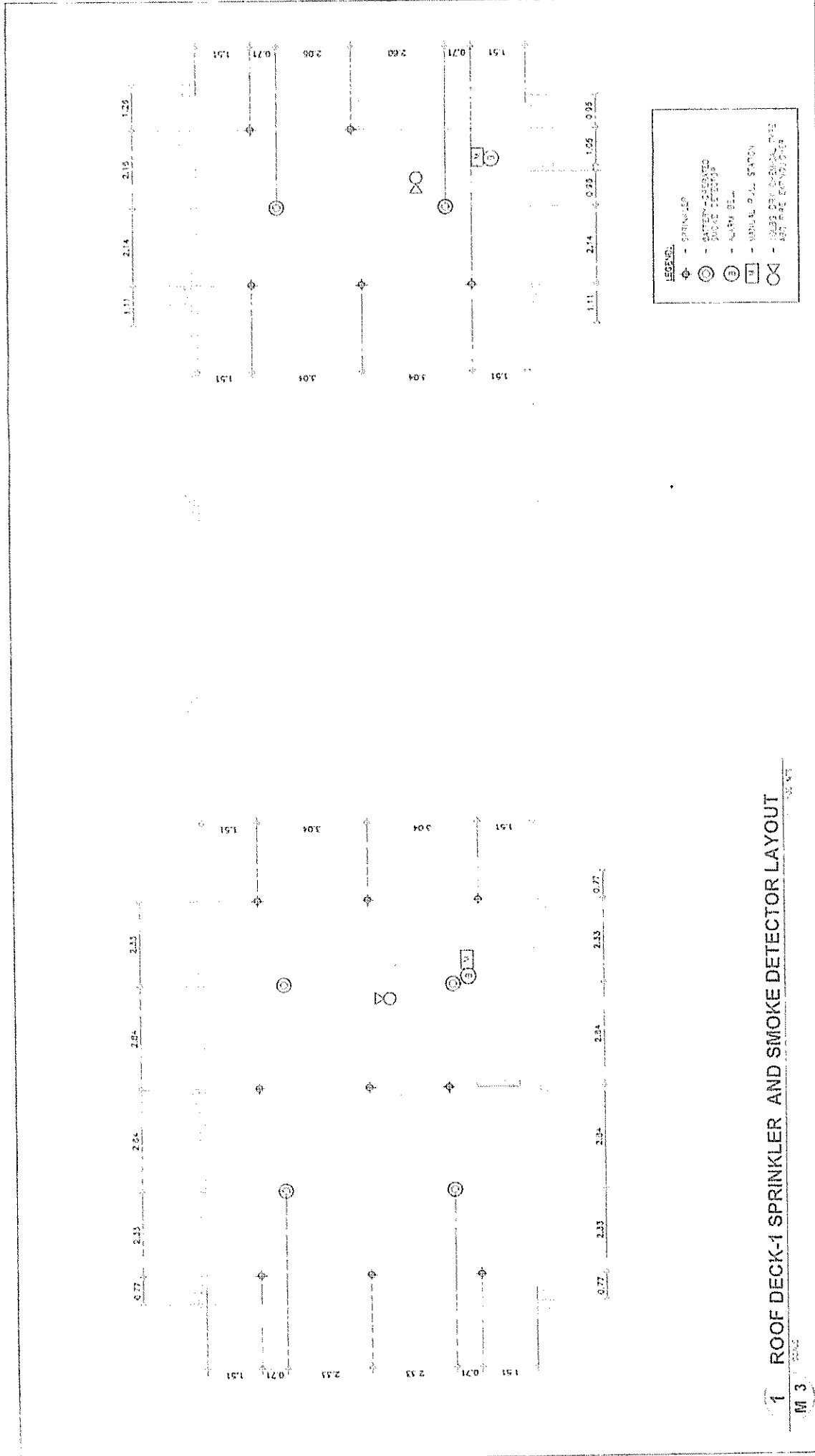


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ENGINEERING OFFICE  
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OFFICE BUILDING

PREPARED BY  
**BENEFREDO O. BUJANG**  
P. ZAUNA N. JUSTOL  
ENGINEERING OFFICE

M 2



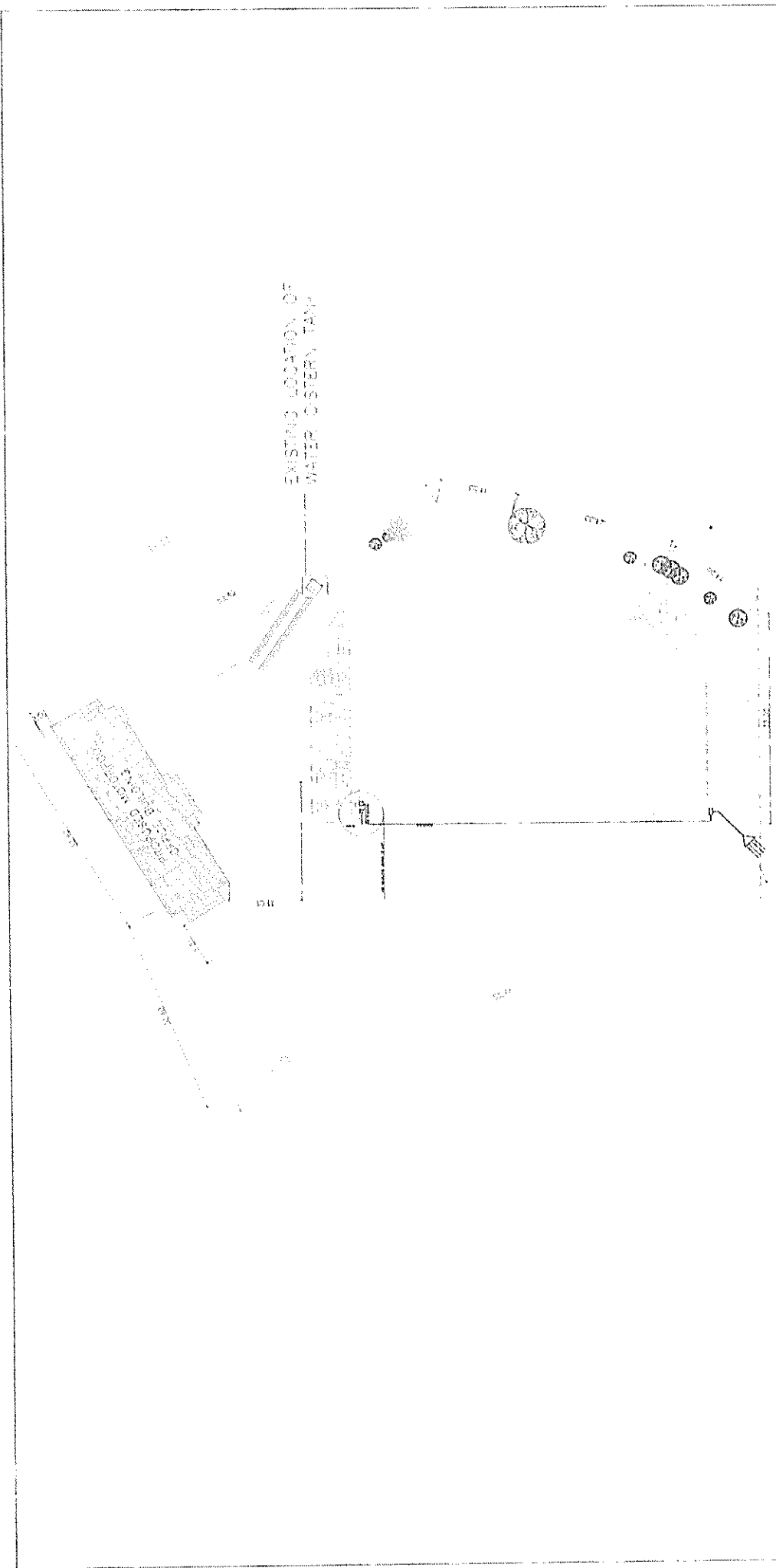
**LEGEND:**

- ◆ - SPRINKLER
- ⊙ - BATTERY-POWERED SMOKE DETECTOR
- ⊙/ - MANUAL PULL STATION
- ⊙ - MANUAL PULL STATION
- ⊙/ - GLASS BREAK SENSOR

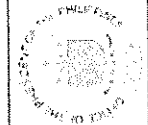
**1 ROOF DECK-1 SPRINKLER AND SMOKE DETECTOR LAYOUT**

M 3

	PREPARED BY: <b>Alaciano</b> ENGINEERING OFFICE Office of the President	PROJECT NO.: <b>PROPOSED MOTORPOOL OFFICE BUILDING</b>	CLIENT: <b>BENEFREDO O. SULAYAO</b>	DATE:	DRAWN BY:	CHECKED BY:	SCALE:
	PROJECT TITLE: <b>ROOF DECK-1 SPRINKLER AND SMOKE DETECTOR LAYOUT</b>	PROJECT NO.:	CLIENT: <b>RIZALINA N. JUSTOL</b>	DATE:	DRAWN BY:	CHECKED BY:	SCALE:



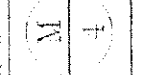
1 LOCATION PLAN OF WATER TANK TAPPING POINT  
 M 4



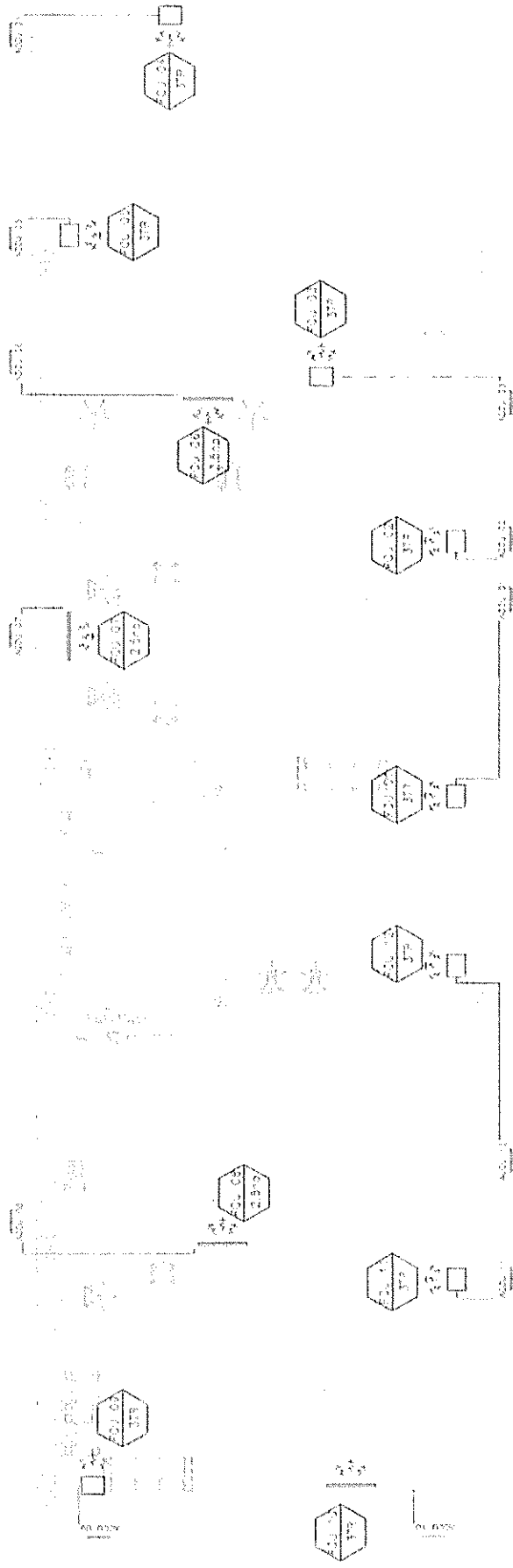
PREPARED BY:  
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 OFFICE BUILDING




BENEFICED O. BULATAO  
 RIZALINA M. JUSTOL







LEGEND

-  - FAN COIL UNIT (FLOOR MOUNTED)
-  - FAN COIL UNIT (WALL MOUNTED)
-  - AIR COOLED CONDENSING UNIT

1 FAN COIL UNIT AND ACCU LAYOUT  
SCALE 1/8" = 1'-0"

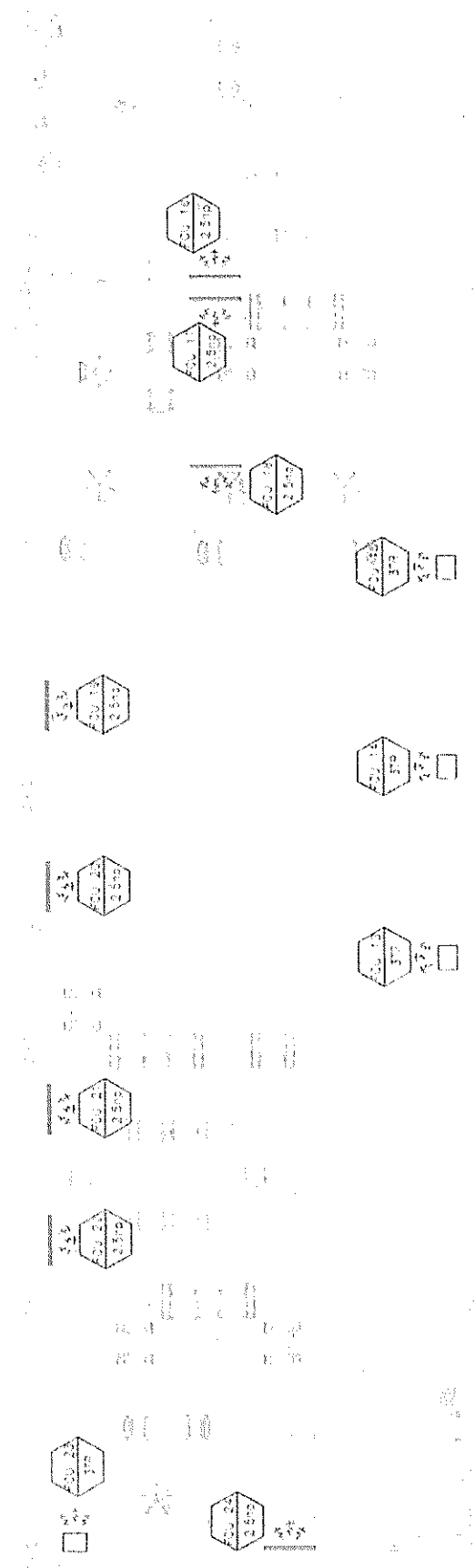


PREPARED BY  
**Mulcahy**  
ENGINEERING OFFICE  
Office of the President

PROJECT NO. \_\_\_\_\_  
DATE \_\_\_\_\_  
DRAWN BY \_\_\_\_\_  
CHECKED BY \_\_\_\_\_  
APPROVED BY \_\_\_\_\_

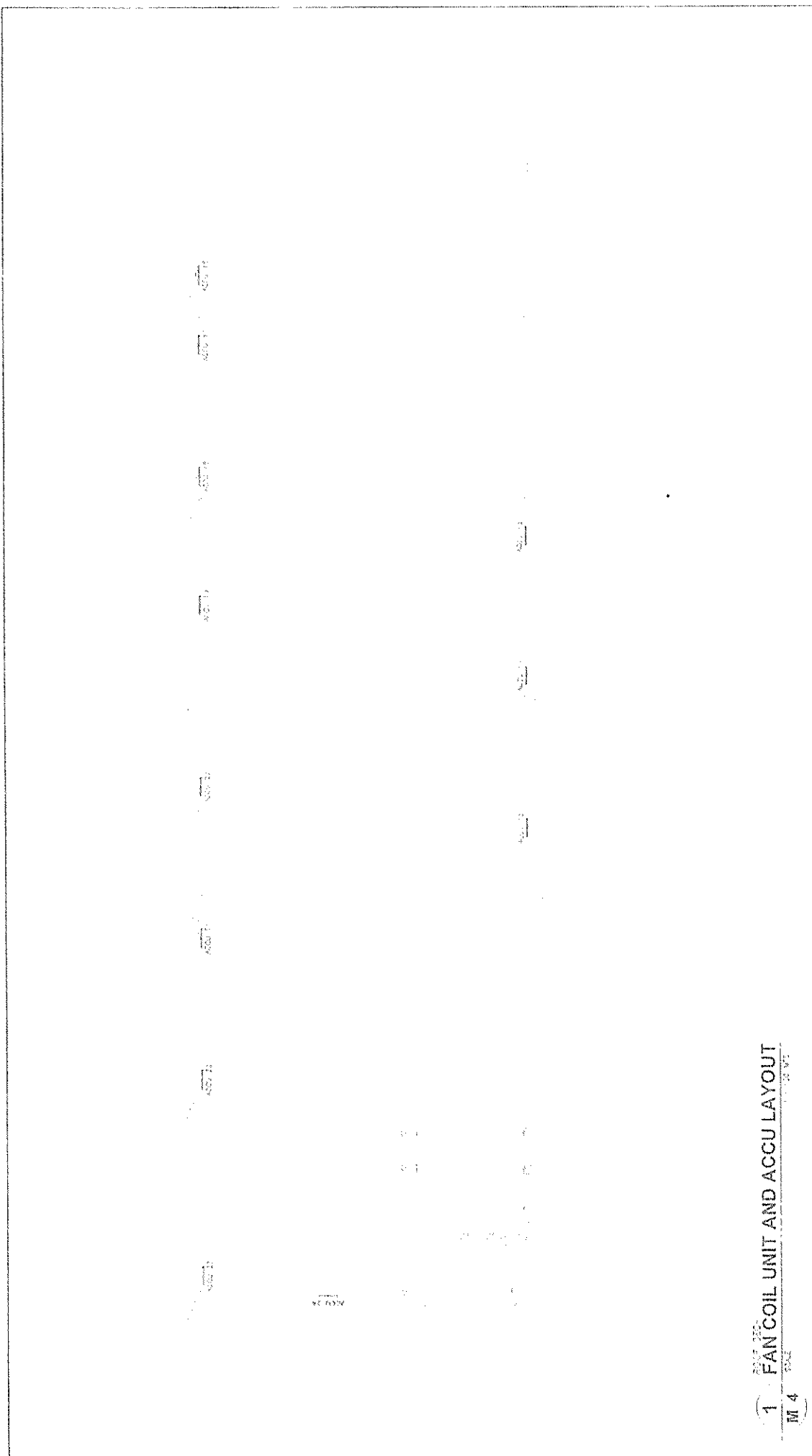
PROPOSED MOTORPOOL  
OFFICE BUILDING

BENEFREDO O. BULATO  
RIZALINA N. JUSTOL

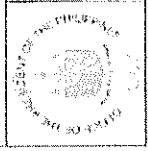


1 SECOND FLOOR  
 FAN COIL UNIT AND ACCU LAYOUT  
 M 4

	PREPARED BY <b>Malacanan</b> ENGINEERING OFFICE Office of the President	PROJECT TITLE <b>PROPOSED MOTORPOOL          OFFICE BUILDING</b>	PROJECT NO. RIZALINA N. JUSTOL
	DATE 2012	DRAWN BY BENEFREDO O. BULATAO	CHECKED BY RIZALINA N. JUSTOL



1 FAN COIL UNIT AND ACCU LAYOUT  
 M 4



PREPARED BY  
**Maldonado**  
 ENGINEERING OFFICE  
 Office of the President

PROPOSED MOTORPOOL  
 OFFICE BUILDING

BENEFREDO O. BULATAO  
 RIZALINA N. JUSTOL

M 7

Office of the President, Monmouth  
INFORMATION AND COMMUNICATIONS  
TECHNOLOGY OFFICE (ICTO)

RECEIVED BY: Pickette  
DATE AND TIME: 12 May 2021 4:05