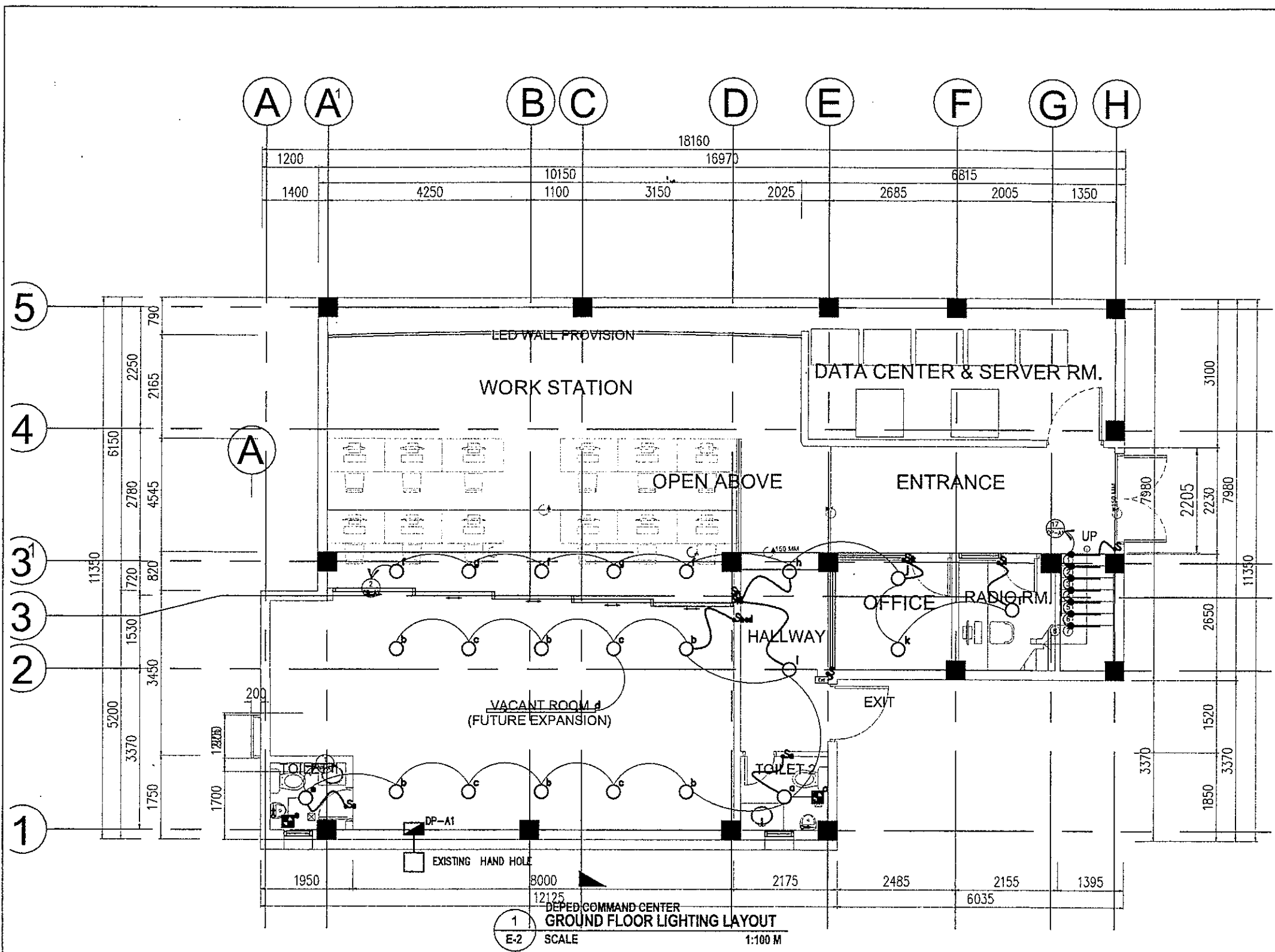


CONNECT TO SPARE FEEDER  
LOCATED ELECTRICAL ROOM  
UNDER THE SUPERVISION OF  
GENERAL SERVICE DIVISION  
(GSD)

1  
E-1 SCALE NTS

G  
STAND BY POWER:  
GEN-SET (PROPOSED LOCATION  
IDENTIFY BY PROJECT-IN-CHARGE)

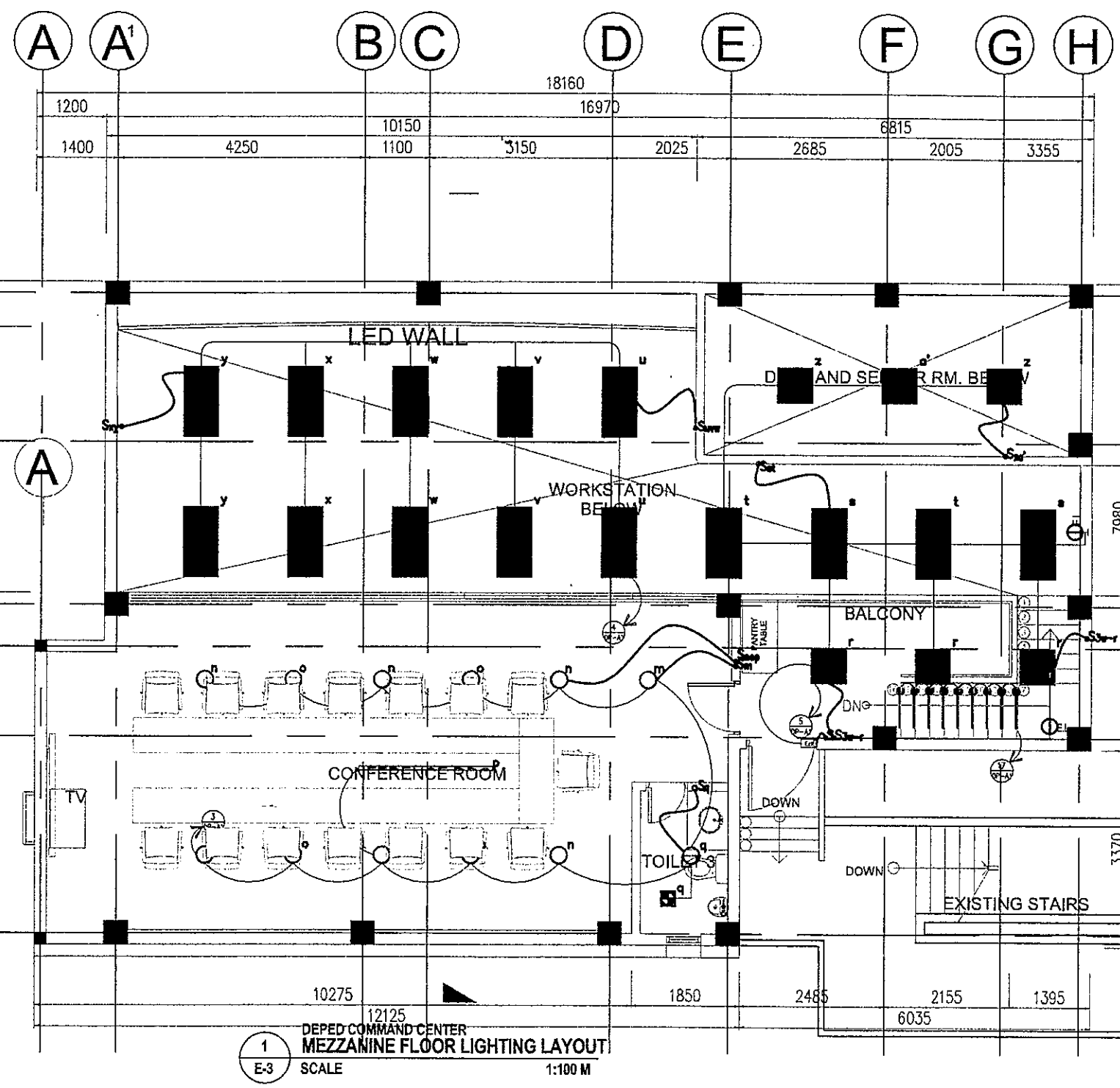
REPUBLIC OF THE PHILIPPINES <b>DepED</b> DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	PREPARED BY :	CHECKED BY :	RECOMMENDING APPROVAL :	RECOMMENDING APPROVAL :	APPROVED BY :	PROJECT TITLE :	PROJECT CODE :	OWNER :	SHEET NO. :
	JOHN PAUL S. LICARDO ELECTRICAL ENGINEER ETD-DepEd	SIEGMUND SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER ETD-DepEd	ANABELLE R. PANGAN CHIEF, ETD DepEd	ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	NOLASCO A. MEMPIN UNDERSECRETARY OF ADMINISTRATION	Extension of an Existing Building at the DepEd Central Office for the CO Matatag Center LOCATION : MERALCO AVENUE, PASIG CITY		DEPARTMENT OF EDUCATION DepED SHEET CONTENTS : GROUND FLOOR AND MEZZANINE	E-1 7



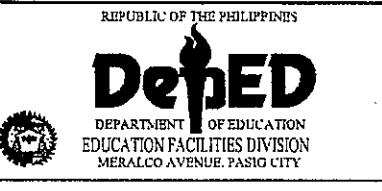
LIGHTINGS SPECIFICATION :	
	-LED (1200x600 Diffuser type),IP40, DAY LIGHT,RECESSED MOUNT,AC 85-265V 50/60Hz
	-LED (600x600 Diffuser type),IP40, DAY LIGHT,RECESSED MOUNT,AC 85-265V 50/60Hz
	-24W LED DOWNLIGHT,IP40, DAY LIGHT,RECESSED MOUNT,AC 85-265V 50/60Hz
	-3W LED WALL LIGHT FOR FOOTLIGHT,IP65, WARM LIGHT,EMBEDDED IN STAIR,RECTANGULAR, AC 85-265V 50/60Hz

1  
E-2  
SCALE 1:100 M

REPUBLIC OF THE PHILIPPINES  DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	PREPARED BY :  <b>JOHN PAUL B. LICARDO</b> ELECTRICAL ENGINEER EFD-DepEd	CHECKED BY :  <b>SIGMUND SANCHEZ</b> PROFESSIONAL ELECTRICAL ENGINEER EFD-DepEd	RECOMMENDING APPROVAL :  <b>ANNABELLE R. PANGAN</b> CHIEF, EFD DepEd	RECOMMENDING APPROVAL :  <b>ROBERT M. AGUSTIN</b> DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY :  <b>NOLASCO A. MEMPIN</b> UNDERSECRETARY OF ADMINISTRATION	PROJECT TITLE : <b>Extension of an Existing Building at the DepEd Central Office for the CO Matatag Center</b>	PROJECT CODE :	OWNER : <b>DEPARTMENT OF EDUCATION          DepEd</b>	SHEET NO. : <b>E-2</b> <b>7</b>
	LOCATION : MERALCO AVENUE, PASIG CITY						SHEET CONTENTS : GROUND FLOOR AND MEZZANINE		



LIGHTINGS SPECIFICATION :	
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	-3W LED WALL LIGHT FOR FOOTLIGHT,IP65, WARM LIGHT,EMBEDDED IN STAIR,RECTANGULAR, AC 85-265V 50/60Hz



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**ANNABELLE R. PAGAN**  
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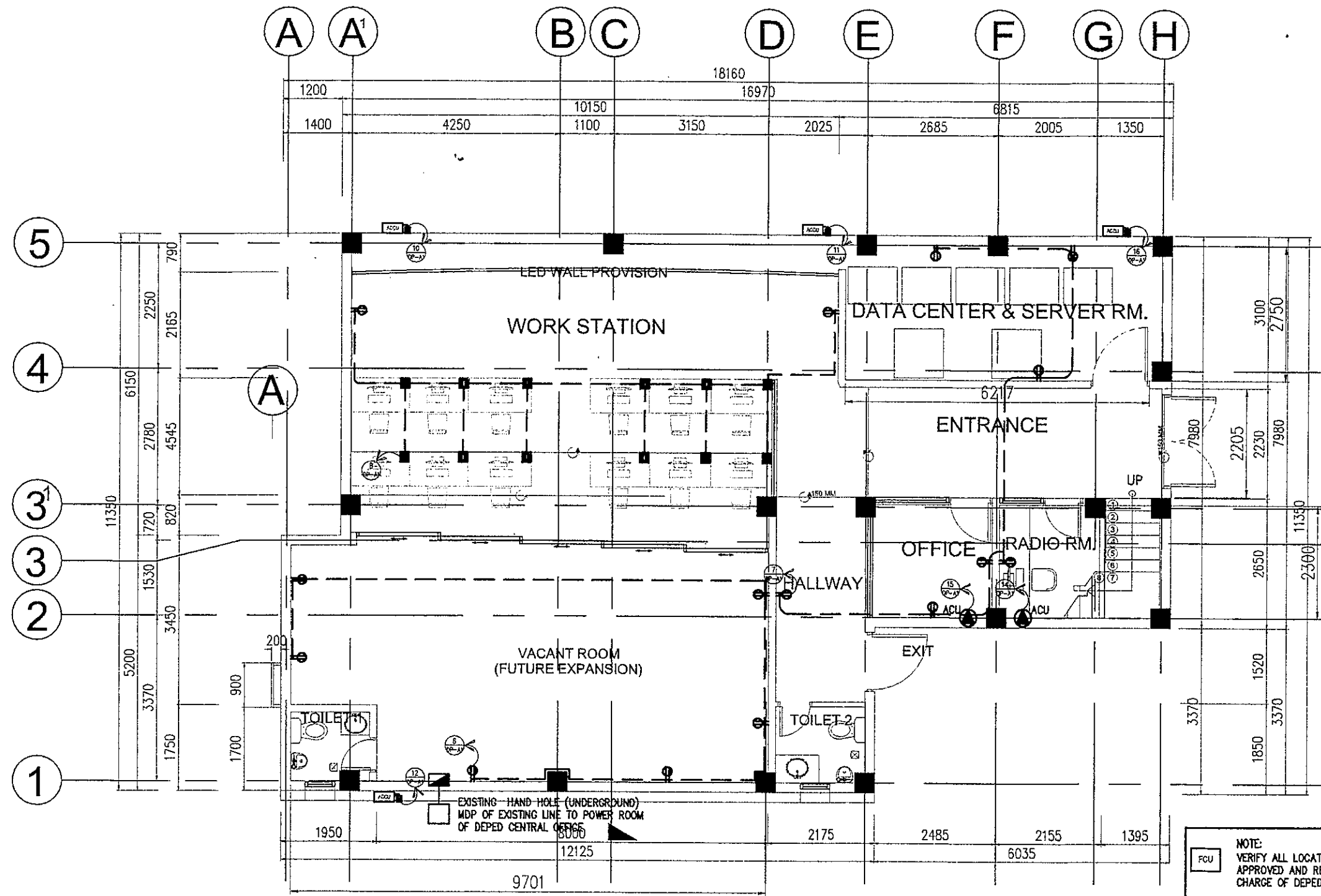
RECOMMENDING APPROVAL :  
  
**ROBERT M. AGUSTIN**  
 DIRECTOR IV  
 ADMINISTRATIVE SERVICE

APPROVED BY :  
  
**NOLASCO A. MEMPIN**  
 UNDERSECRETARY OF ADMINISTRATION

PROJECT TITLE :  
**Extension of an Existing Building at the DepEd Central Office for the CO Matatag Center**  
 LOCATION : MERALCO AVENUE, PASIG CITY

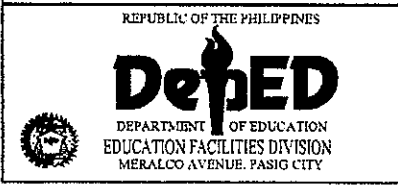
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 OWNER :  
**DEPARTMENT OF EDUCATION DepEd**  
 SHEET CONTENTS :  
 GROUND FLOOR AND MEZZANINE

SHEET NO:  
**E-3**  
**7**



1  
E-4  
DEPED COMMAND CENTER  
GROUND FLOOR POWER LAYOUT  
SCALE 1:100 M

NOTE:  
VERIFY ALL LOCATION OF FCU (FLOOR MOUNTED ACU)  
APPROVED AND RECOMMENDED BY PROJECT IN  
CHARGE OF DEPED CENTRAL OFFICE



PREPARED BY :  
*John Paul S. Licardo*  
JOHN PAUL S. LICARDO  
ELECTRICAL ENGINEER  
EFD-DepEd

CHECKED BY :  
*Siegmund Sanchez*  
SIEGMUND SANCHEZ  
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RECOMMENDING APPROVAL :  
*Annabelle R. Pangan*  
ANNABELLE R. PANGAN  
CHIEF, EFD  
DepEd

RECOMMENDING APPROVAL :  
*Robert M. Agustin*  
ROBERT M. AGUSTIN  
DIRECTOR IV  
ADMINISTRATIVE SERVICE

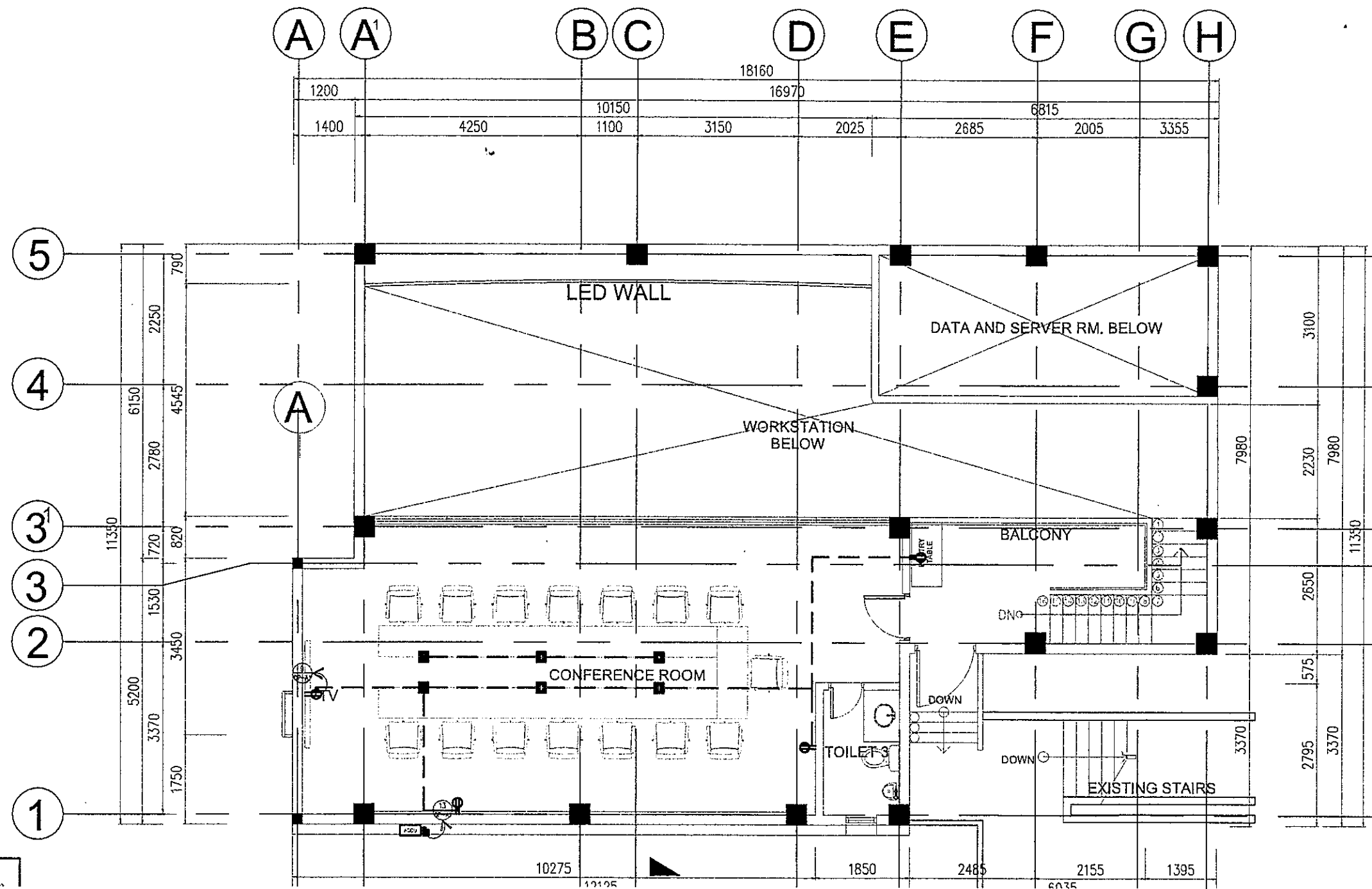
APPROVED BY :  
*Nolasco A. Mempin*  
NOLASCO A. MEMPIN  
UNDERSECRETARY OF ADMINISTRATION

PROJECT TITLE :  
Extension of an Existing Building  
at the DepEd Central Office for  
the CO Matatag Center  
LOCATION : MERALCO AVENUE, PASIG CITY

PROJECT CODE :

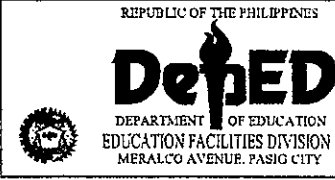
OWNER :  
DEPARTMENT OF EDUCATION  
DepED  
SHEET CONTENTS :  
GROUND FLOOR AND MEZZANINE

SHEET NO :  
E-4  
7



1 DEPED COMMAND CENTER  
MEZZANINE FLOOR POWER LAYOUT  
E-5 SCALE 1:100 M

NOTE:  
VERIFY ALL LOCATION OF FCU(FLOOR MOUNTED ACU)  
APPROVED AND RECOMMENDED BY PROJECT IN  
CHARGE OF DEPED CENTRAL OFFICE



PREPARED BY :  
*John Paul B. Licardo*  
JOHN PAUL B. LICARDO  
ELECTRICAL ENGINEER  
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RECOMMENDING APPROVAL :  
*Annabelle R. Pangan*  
ANNABELLE R. PANGAN  
CHIEF, EFD  
DepED

RECOMMENDING APPROVAL :  
*Robert M. Agustin*  
ROBERT M. AGUSTIN  
DIRECTOR IV  
ADMINISTRATIVE SERVICE

APPROVED BY :  
*Nolasco A. Mempin*  
NOLASCO A. MEMPIN  
UNDERSECRETARY OF ADMINISTRATION

PROJECT TITLE :  
Extension of an Existing Building  
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LOCATION : MERALCO AVENUE, PASIG CITY

PROJECT CODE:

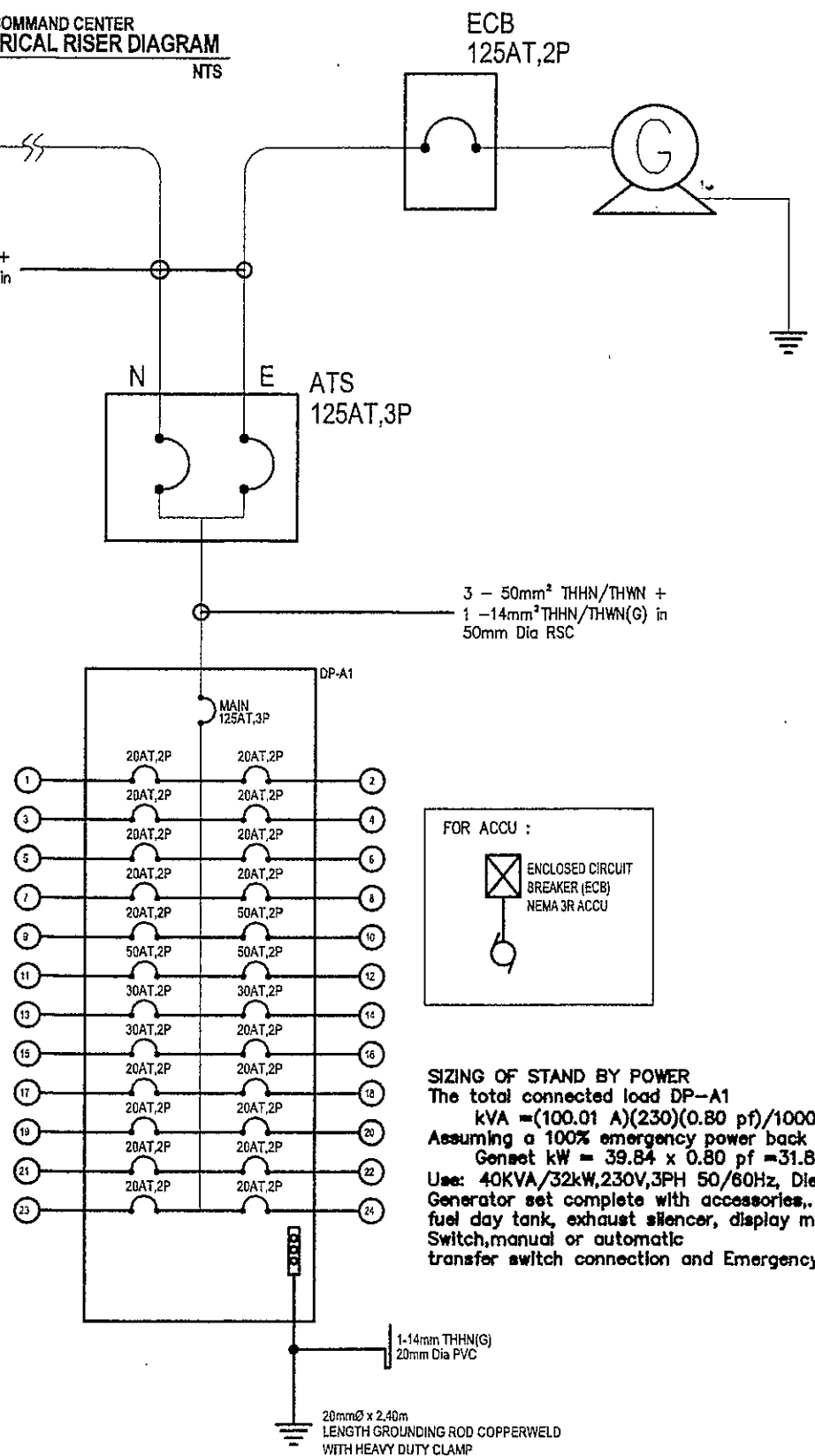
OWNER :  
DEPARTMENT OF EDUCATION  
DepED  
SHEET CONTENTS :  
GROUND FLOOR AND MEZZANINE

SHEET NO:  
E-5  
7

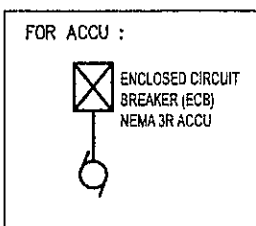
1  
E-6  
DEPED COMMAND CENTER  
ELECTRICAL RISER DIAGRAM  
SCALE NTS

CONNECT TO SPARE FEEDER LOCATED ELECTRICAL ROOM UNDER THE SUPERVISION OF GENERAL SERVICE DIVISION (GSD)

3 - 50mm<sup>2</sup> THHN/THWN + 1 - 14mm<sup>2</sup> THHN/THWN(G) in 50mm Dia RSC



3 - 50mm<sup>2</sup> THHN/THWN + 1 - 14mm<sup>2</sup> THHN/THWN(G) in 50mm Dia RSC



**SIZING OF STAND BY POWER**  
The total connected load DP-A1  
 $kVA = (100.01 A)(230)(0.80 pf)/1000 = 39.84 kVA$   
Assuming a 100% emergency power back up  
Genset kW = 39.84 x 0.80 pf = 31.87 kW  
Use: 40KVA/32kW, 230V, 3PH 50/60Hz, Diesel Engine Generator set complete with accessories, starting battery, fuel day tank, exhaust silencer, display metering, AC Switch, manual or automatic transfer switch connection and Emergency Stop.

2  
E-6  
DEPED COMMAND CENTER  
SCHEDULE OF LOADS  
SCALE NTS

PANEL BOARD TYPE	PANEL LOCATION	ENCLOSURE TYPE	VOLTAGE SYSTEM	PHASE SYSTEM	SCHEDULE OF LOADS				MAIN FEEDER SIZE			MAIN BREAKER SIZE				
					DP-A1				X	50.0 mm'	R,Y,BK	AT	125	A		
	VACANT RM	NEMA 1	230	3PH, 60HZ					G	14 mm'	GREEN	AF	250	A		
									SETS	1	PC	P	3	P		
									TYPE	THHN/THWN	KAIC		35	P		
CKT. NO	DESCRIPTION	V	VA	AMPERES			CIRCUIT BREAKER			WIRE SIZE		CONDUIT SIZE (mmφ)				
				AB	BC	CD	3φ	AT	AF	P	X		G			
1	LIGHTING OUTLET	230	1210	5.26				20	50	2	2-	3.5mm'	1-	3.5mm'	20	PVC
2	LIGHTING OUTLET	230	816	3.52				20	50	2	2-	3.5mm'	1-	3.5mm'	20	PVC
3	LIGHTING OUTLET	230	1160		5.04			20	50	2	2-	3.5mm'	1-	3.5mm'	20	PVC
4	LIGHTING OUTLET	230	900		3.91			20	50	2	2-	3.5mm'	1-	3.5mm'	20	PVC
5	LIGHTING OUTLET EMERGENCY OUTLET	230	1260			5.48		20	50	2	2-	3.5mm'	1-	3.5mm'	20	PVC
6	CONVENIENCE OUTLET	230	1080			4.70		20	50	2	2-	3.5mm'	1-	3.5mm'	20	PVC
7	CONVENIENCE OUTLET	230	1260	5.48				20	50	2	2-	3.5mm'	1-	3.5mm'	20	PVC
8	CONVENIENCE OUTLET	230	2880	12.52				20	50	2	2-	3.5mm'	1-	3.5mm'	20	PVC
9	CONVENIENCE OUTLET	230	1980		8.61			20	50	2	2-	3.5mm'	1-	3.5mm'	20	PVC
10	ACCU 3TR (WORKSTATION)	230	3910		17.00			50	50	2	2-	8.0mm'	1-	5.5mm'	25	PVC
11	ACCU 3TR (VACANT RM)	230	3910			17.00		50	50	2	2-	8.0mm'	1-	5.5mm'	25	PVC
12	ACCU 3TR (VACANT RM)	230	3910			17.00		50	50	2	2-	8.0mm'	1-	5.5mm'	25	PVC
13	ACCU 3TR (CONFERENCE RM)	230	3910	17.00				50	50	2	2-	8.0mm'	1-	5.5mm'	25	PVC
14	ACU .75HP (RADIO RM)	230	1587	6.90				30	50	2	2-	5.5mm'	1-	3.5mm'	25	PVC
15	ACU .75HP (OFFICE RM)	230	1587		6.90			30	50	2	2-	5.5mm'	1-	3.5mm'	25	PVC
16	ACCU 2.5HP (SERVER RM)	230	2760		12.00			30	50	2	2-	5.5mm'	1-	3.5mm'	25	PVC
17	FACP	230	600			2.09		20	50	2	2-	3.5mm'	1-	3.5mm'	20	PVC
18	CCTV	230	900			3.13		20	50	2	2-	3.5mm'	1-	3.5mm'	20	PVC
19	SPARE	230	1500	5.22				20	50	2						
20	SPARE	230	1500	5.22				20	50	2						
21	SPARE	230	1000		3.48			20	50	2						
22	SPARE	230	1000		3.48			20	50	2						
23	SPARE	230	1000			3.48		20	50	2						
24	SPARE	230	1000			3.48		20	50	2						
TOTAL CONNECTED LOAD					61.12	60.42	56.35									
FOR FEEDER CURRENT				SIZE FOR MAIN FEEDER				FOR MAIN BREAKER SIZE								
3PH + 1PH LOAD = 105.86 A				X				G								
25% OF HIGHEST CONTINUOUS LOAD = 4.25 A				3-				1-								
HIGHEST CURRENT LOAD = 17.00 A				NO. OF SET				1								
DEMAND FACTOR = 85%				SIZE OF CONDUIT				35								
PH FEEDER = 93.59 A				50				RSC								
1.73 MAIN PROTECTION = 115.27 A								MCCB, BOLT-ON								

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	<p>PREPARED BY :</p> <p><i>John Paul B. Licardo</i> JOHN PAUL B. LICARDO ELECTRICAL ENGINEER EFD-DepEd</p>	<p>CHECKED BY :</p> <p><i>Sigmund Sanchez</i> SIGMUND SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER EFD-DepEd</p>	<p>RECOMMENDING APPROVAL :</p> <p><i>Amabelle R. Pangan</i> AMABELLE R. PANGAN CHIEF, EFD DepEd</p>	<p>RECOMMENDING APPROVAL :</p> <p><i>Robert M. Agustin</i> ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE</p>	<p>APPROVED BY :</p> <p><i>Nolasco A. Mempin</i> NOLASCO A. MEMPIN UNDERSECRETARY OF ADMINISTRATION</p>	<p>PROJECT TITLE :</p> <p>Extension of an Existing Building at the DepEd Central Office for the CO Matatag Center</p> <p>LOCATION : MERALCO AVENUE, PASIG CITY</p>	<p>PROJECT CODE :</p>	<p>OWNER :</p> <p>DEPARTMENT OF EDUCATION DepEd</p>	<p>SHEET NO. :</p> <p>E-6 7</p>
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**GENERAL NOTES**

ALL ELECTRICAL WORKS HEREIN SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), EXISTING LOCAL ORDINANCES, RULES, AND REGULATIONS OF THE UTILITY COMPANY. THE SUPPLY VOLTAGE POWER IS 3PHASE, 3-WIRE + GROUND 230VAC, 60HZ.

INSTALLATION SHALL BE AS FOLLOWS:

WIRING AND TRAYS - IMC/RSC

RECEPTACLE - PVC SCHEDULE 40 BRANCH CKT. & RECEPTACLE

ALL MATERIALS (EQUIPMENT AND DEVICES) TO BE INSTALLED BY THE CONTRACTOR SHALL BE NEW AND SHALL BEAR THE CERTIFICATION MARK OR IMPORT COMMODITY QUALITY MARK OR IMPORT COMMODITY QUALITY MARK BY THE DEPARTMENT OF TRADE AND INDUSTRIAL DEVELOPMENT OF PRODUCT STANDARDS (DTI-BPS) FOR SPECIFIC PRODUCTS.

CONDUIT AND ALL ACCESSORIES, SPlicing DEVICES, TERMINATION, AND OTHER EQUIPMENT FOR THE ENTIRE ELECTRICAL INSTALLATION SHALL BE NEW.

CONDUIT SHALL BE AS NEEDED TO FACILITATE INSERTION AND REMOVAL OF WIRE WITHOUT ABRASION, CONDUIT BENDS SHALL BE MADE IN SUCH A MANNER THAT THE INTERNAL DIAMETER IS NOT REDUCED.

LOCATION AND RATING OF EQUIPMENT AND MATERIALS SHALL BE VERIFIED WITH THE ENGINEER/OWNER OR ANY OF HIS REPRESENTATIVES AND CHANGES SHALL BE MADE ACCORDINGLY.

ALL ELECTRICAL WORK SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A LICENSED ELECTRICAL ENGINEER.

ALL ELECTRICAL PANELS, AND SWITCHES MUST BE APPROPRIATELY SUPPLIED WITH PANELS/BREAKERS SUPPLYING THEM.

WELDING OF ELECTRICAL CONNECTIONS SHOULD BE DONE BY EXOTHERMIC WELDING OR WELDING BY OTHER APPROVED SIMILAR PROCESS, MINIMUM GROUND RESISTANCE SHALL BE 5 OHMS.

ALL ELECTRICAL CONNECTIONS SHALL BE LABELED AT THE ORIGINATING PANEL BOARD AND THE PANEL BOARD LEGEND. THEY SHALL BE ALSO LABELED AT THE LOCATION OF THE RECEPTACLE, LIGHT SWITCH, OR THE PIECE OF EQUIPMENT (E.G. MOTOR STARTER, SAFETY SWITCH).

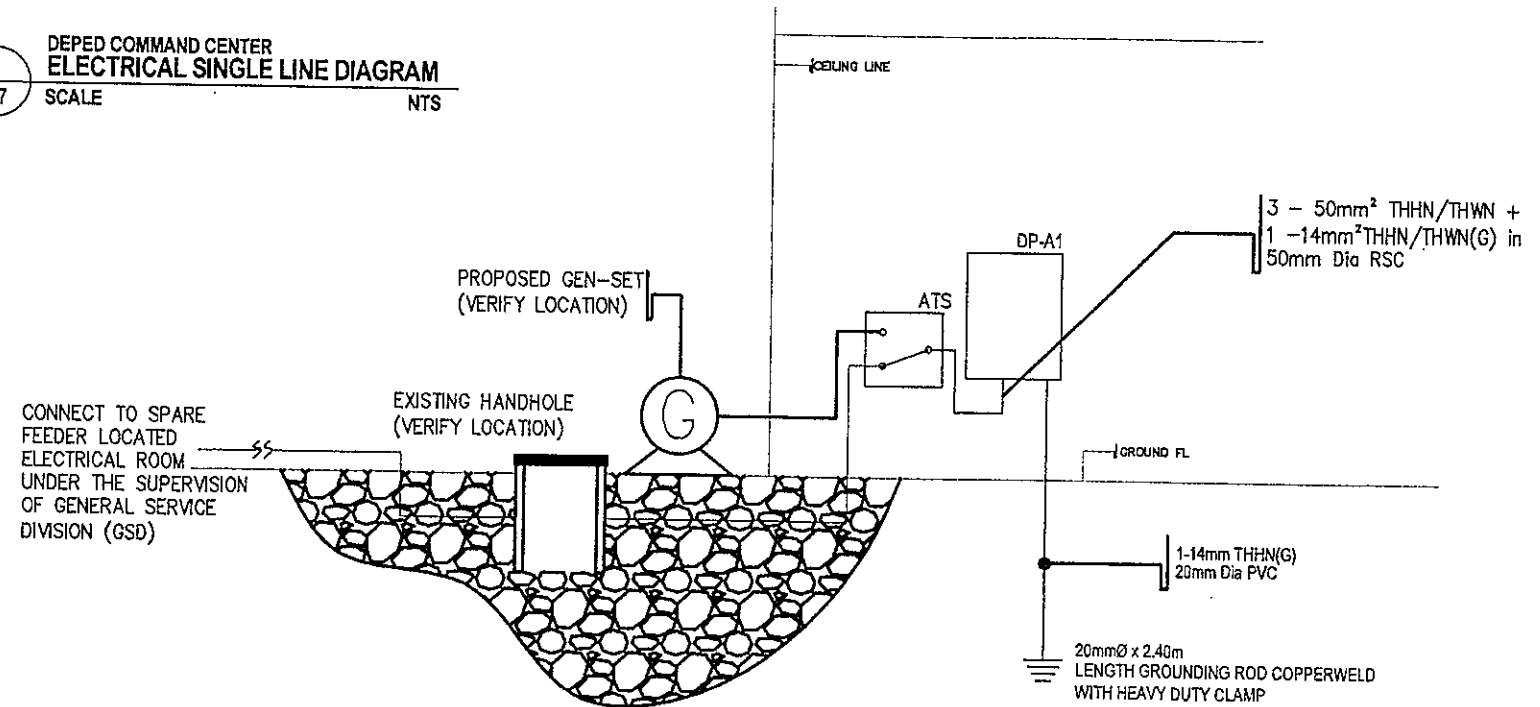
CONDUIT HANGING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS:

- WIRE SWITCH - 1.20 M ABOVE FINISH FLOOR
- RECEPTACLE - 0.30 M ABOVE FINISH FLOOR
- PANELBOARD - 1.80 M ABOVE FINISH FLOOR
- DUPLEX CONVENIENCE OUTLET - 1.50 M. ABOVE FINISH FLOOR
- PUSH BUTTON OUTLET - 1.20 M ABOVE FINISH FLOOR
- EXHAUST FAN & VIBRATING BELL - 0.30 M BELOW CEILING LINE

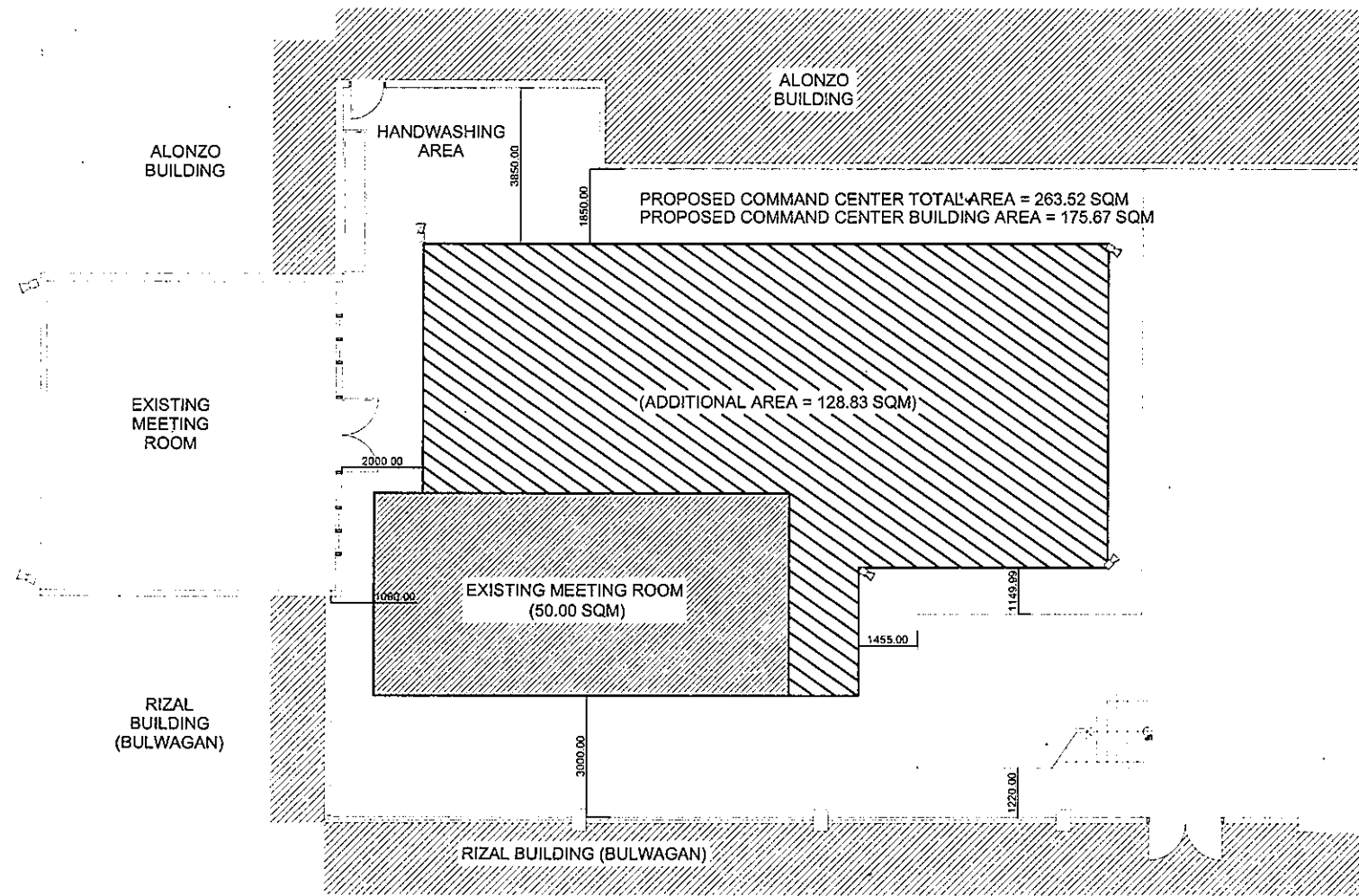
**1**  
E-7  
SCALE NTS  
DEPED COMMAND CENTER  
ELECTRICAL GENERAL NOTES AND LEGENDS

LEGEND	
SYMBOL	DESCRIPTION
3WSx	THREE WAY ONE GANG DEVICE SWITCH
Sw	ONE GANG DEVICE SWITCH
Swb	TWO GANG DEVICE SWITCH
Swc	THREE GANG DEVICE SWITCH
Fan	FAN COIL UNIT - FLOOR MOUNTED TYPE
ACCU	AIR-COOLED CONDENSING UNIT
ECB	ENCLOSED CIRCUIT BREAKER, NEMA 3R RATING AS INDICATED
---	RACEWAY CONDUIT CONCEALED IN CEILING
---	RACEWAY CONDUIT CONCEALED UNDER FLOOR/GROUND
Panel	PANELBOARD, MARKED AS "MDP/DPA/DPB"
CB	CKT. BREAKER, RATING AS INDICATED
DO	DUPLEX CONVENIENCE OUTLET, UNIVERSAL SLOTS, GROUNDING TYPE, 16 AMPS, 250 VOLT
HL	CIRCUIT HOMERUN
M	SERVICE METER
SE	SERVICE ENTRANCE
J	JUNCTION BOX
Mo	MOTOR, INDICATED AS FUNCTION AND RATING
Exit	EXIT LIGHT, RATING AS INDICATED
EL	SINGLE CONVENIENCE OUTLET FOR EMERGENCY LIGHT
J	JUNCTION BOX
Fan	EXHAUST FAN
DO	FLOOR MOUNTED, DUPLEX CONVENIENCE OUTLET
ACU	AIR CONDITIONING UNIT, INDICATED RATING

**2**  
E-7  
SCALE NTS  
DEPED COMMAND CENTER  
ELECTRICAL SINGLE LINE DIAGRAM



	CHECKED BY :  PAUL A. LICARDO ELECTRICAL ENGINEER EFD-DepEd	CHECKED BY :  SIEGMUND SANCHEZ PROFESSIONAL ELECTRICAL ENGINEER EFD-DepEd	RECOMMENDING APPROVAL :  ANNABELLE F. PAGAN CHIEF, EFD DepEd	RECOMMENDING APPROVAL :  ROBERT M. AGUSTIN DIRECTOR IV ADMINISTRATIVE SERVICE	APPROVED BY :  NOLASCO A. MAMPIN UNDERSECRETARY OF ADMINISTRATION	PROJECT TITLE : Extension of an Existing Building at the DepEd Central Office for the CO Matatag Center	PROJECT CODE :	OWNER : DEPARTMENT OF EDUCATION DepED	SHEET NO : E-7 7
	LOCATION : MERALCO AVENUE, PASIG CITY						SHEET CONTENTS : GROUND FLOOR AND MEZZANINE		



DEPED COMMAND CENTER  
LOCATION MAP

1  
Ece-1

1SCALE

NTS

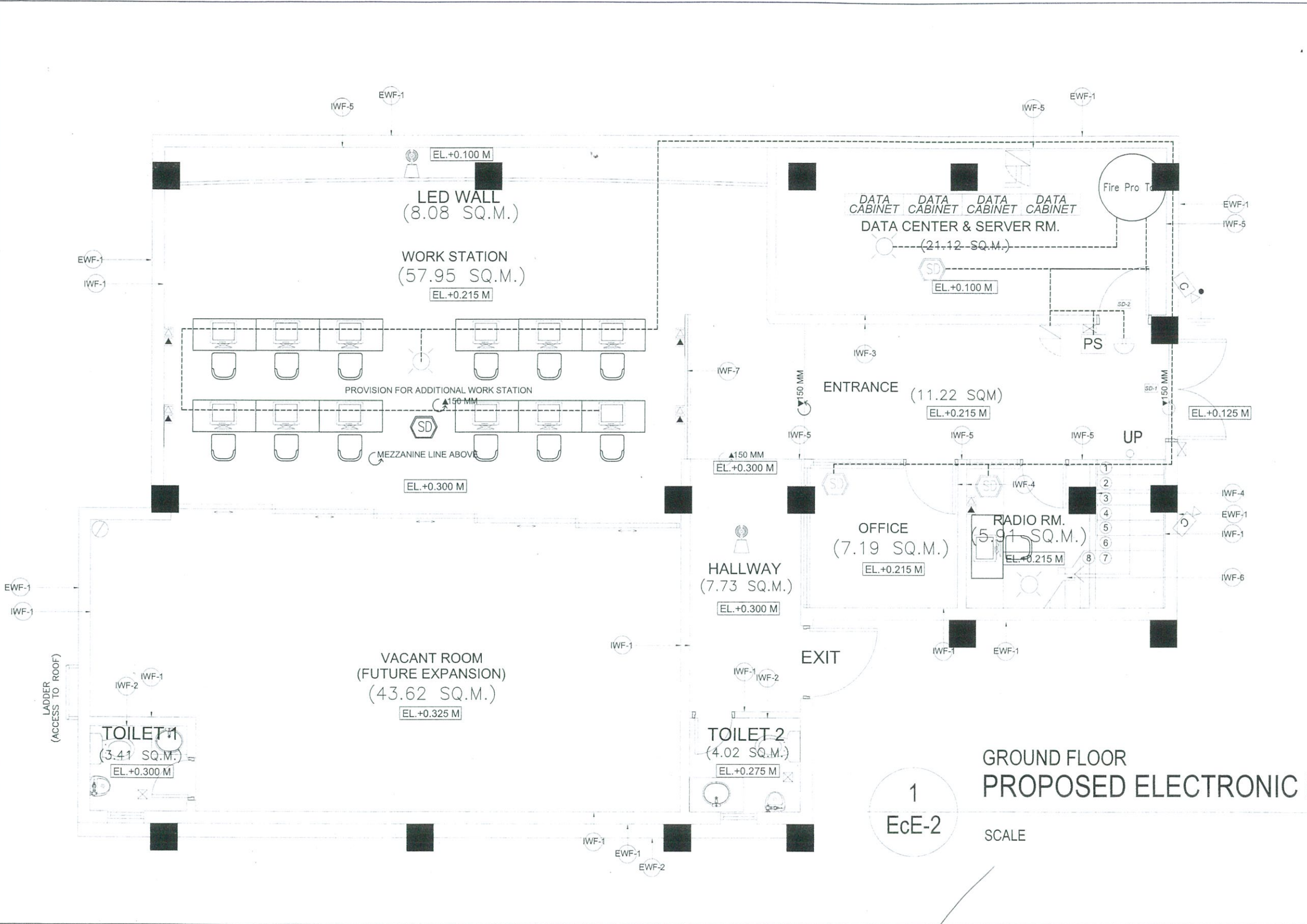
GENERAL NOTES

1. WIRING SHALL BE IN CONCEALED CONDUIT/TRUNKING UNLESS OTHERWISE SPECIFIED.
2. THE POSITION OF ALL ELECTRONICS EQUIPMENT AS SHOWN IN THE DRAWINGS ARE INDICATIVE ONLY. THE EXACT POSITIONS SHALL BE DETERMINED ON SITE.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LABELING OF ALL EQUIPMENT THROUGHOUT THE INSTALLATION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO LIAISE WITH THE LOCAL GOVERNMENT FOR ALL CLEARANCES, CABLE JOINTING AND TESTING FOR THE INSTALLATION.
5. THE OVERALL RESISTANCE FOR THE EARTHING SYSTEM (ELECTRICAL) SHALL COMPLY WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC) AND PHILIPPINE ELECTRONICS CODE (PECE).
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING OF ALL CABLE /CONDUIT PENETRATION OPENING BETWEEN FLOOR SLAB AND WALLS ETC. WITH APPROVED FIRE RATING MATERIAL/SEALANT.
7. THE CONTRACTOR SHALL FURNISH ALL NECESSARY LABOR MATERIALS AND EQUIPMENT FOR SATISFACTORY COMPLETION OF THE ENTIRE ELECTRONICS INSTALLATION AS GENERALLY DESCRIBED IN THE SPECIFICATION AND/OR SHOWN ON DRAWINGS.
8. ALL LOCATIONS OF EQUIPMENT AND CABLE ROUTES SHOWN ON THE DRAWING ARE INDICATIVE ONLY. THE EXACT LOCATIONS MUST BE COORDINATED ON SITE BEFORE INSTALLATION. FULLY COORDINATED SHOP DRAWINGS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE COMMENCEMENT OF WORK.
9. CABLES FOR ESSENTIAL CIRCUITS SUCH AS EMERGENCY LIGHTING CIRCUITS AND FIRE FIGHTING EQUIPMENT CIRCUITS ETC SHALL NOT BE DRAWN INTO THE SAME CONDUIT INTENDED FOR NORMAL CIRCUITS AS PER PEC.
10. ALL ELECTRONICS EQUIPMENT, LOCATIONS SHOWN ARE INDICATIVE ONLY AND THE CONTRACTOR MUST COORDINATE WITH THE PROJECT IN-CHARGE , AS WELL AS EQUIPMENT SUPPLIERS.
11. TESTING CERTIFICATES SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO FINAL TURN OVER.
12. ALL MATERIALS / CABLES TO BE USED AND INSTALLATION METHOD SHALL COMPLY WITH THE TECHNICAL SPECIFICATIONS, STANDARDS, CODE OF PRACTICE AND AUTHORITY REQUIREMENT.
13. THE CONTRACTOR IS REQUIRED TO SUBMIT DETAILS OF FINAL ARRANGEMENT AND DIMENSIONAL LAYOUT OF ALL ITEMS EQUIPMENT IN RESPECTIVE ROOMS TO SUIT SITE CONDITIONS, ETC. FOR REVIEW BY THE PROJECT INCHARGE BEFORE COMMENCEMENT OF INSTALLATIONS.
14. ALL ELECTRONICS EQUIPMENT & ACCESSORIES THAT ARE EXPOSED OR LESS THAN 2.0M AWAY FROM WATER SOURCES SHALL BE WATERPROOF TYPE.



### LEGENDS :

- BULLET TYPE CAMERA
- COMPUTER
- WIFI ROUTER
- GROUND
- SD-1 SECURED DOOR 1
- SD-2 SECURED DOOR 2
- SD-3 SECURED DOOR 3
- CEILING MOUNTED STROBE
- SINGLE PORT TEL. OUTLET
- SINGLE PORT CATV OUTLET
- SINGLE PORT DATA OUTLET
- BIOMETRICS EQPT.
- DATA CABINET
- TEL. & DATA OUTLET
- RISER
- FIRE ALARM CONTROL PANEL
- SMOKE DETECTOR
- POWER PANEL



1  
Ece-2

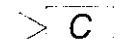



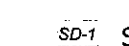
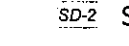

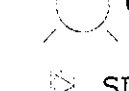



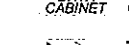
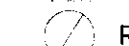

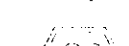



## GROUND FLOOR PROPOSED ELECTRONIC LAYOUT PLAN

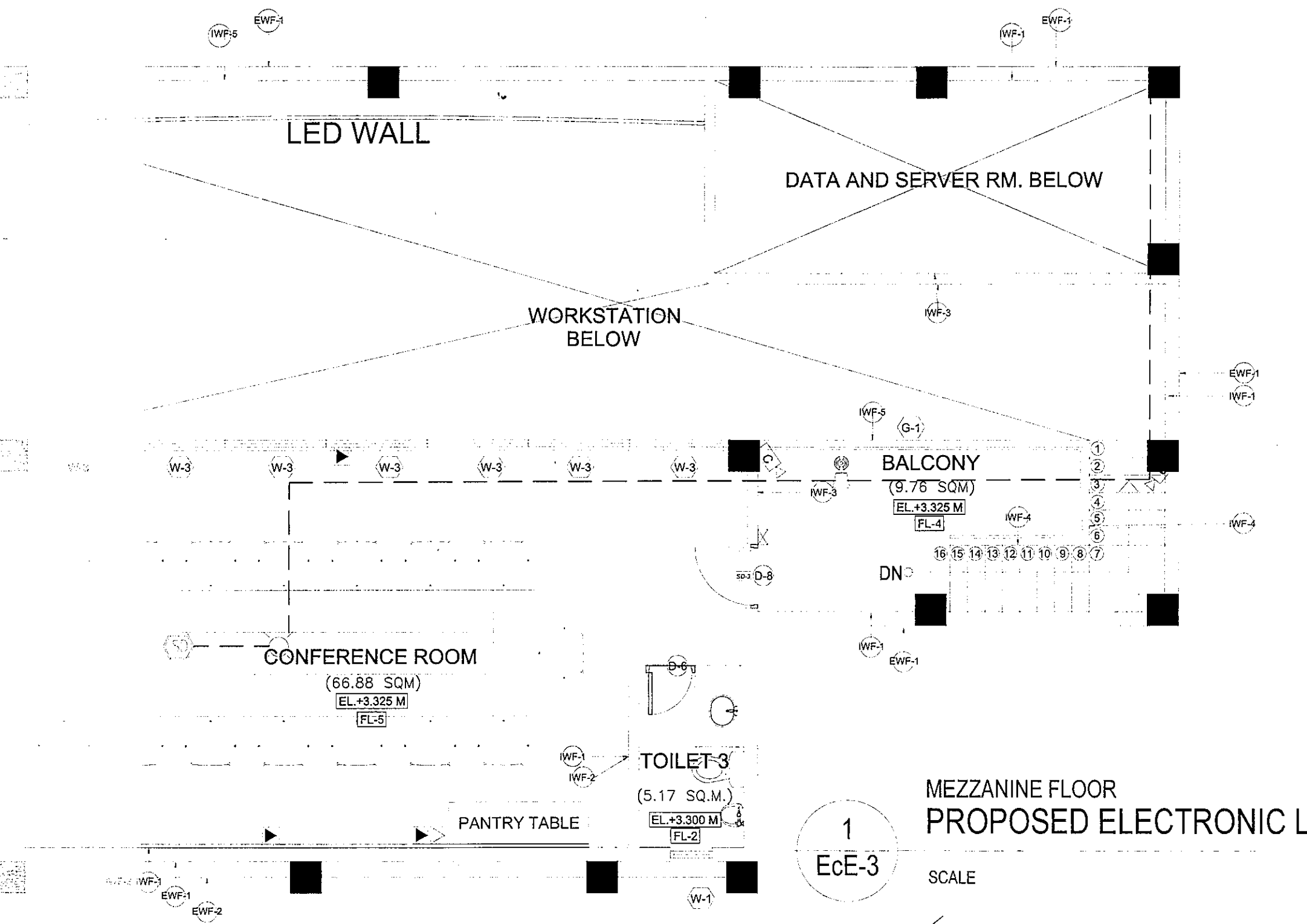
SCALE

1:60M

	PROJECT CODE: <b>LOCATION OF CCTV CAMERAS IN DEPED CENTRAL OFFICE COMMAND CENTER</b>	PREPARED BY:  <b>ALMARIO G. JULARBAL</b> <small>T.A. - OPERATOR ADMN. SERVICE - DepEd</small>	REVIEWED BY:  <b>ENGR. OFELIA L. ALGO</b> <small>Professional Electronic Engineer PRC No. 0002561 TIN No. 116-481-518 PTR No. 0713179 ISSUED ON:03.13.2023 Issued at Pasig City</small>	APPROVED TITLE:  <b>ROBERT M. AGUSTIN</b> <small>DIRECTOR IV ADMINISTRATIVE SERVICE</small>	APPROVED TITLE:  <b>NOLASCO A. MEMPIN</b> <small>UNDERSECRETARY OF ADMINISTRATION</small>	OWNER: DEPARTMENT OF EDUCATION DepEd SHEET CONTENTS: Extension of an Existing Building at the DepEd Central Office for the CO Matatag Center Location: MERALCO AVE. PASIG CITY	SHEET NO: <b>Ece-2</b> <b>5</b>
LOCATION: <b>MERALCO AVE. PASIG CITY</b>							

**LEGENDS :**

-  **C** BULLET TYPE CAMERA
-  COMPUTER
-  WIFI ROUTER
-  GROUND
-  **SD-1** SECURED DOOR 1
-  **SD-2** SECURED DOOR 2
-  **SD-3** SECURED DOOR 3
-  CEILING MOUNTED STROBE
-  SINGLE PORT TEL. OUTLET
-  SINGLE PORT CATV OUTLET
-  SINGLE PORT DATA OUTLET
-  BIOMETRICS EQPT.
-  **DATA CABINET** DATA CABINET
-  TEL. & DATA OUTLET
-  RISER
-  FIRE ALARM CONTROL PANEL
-  SMOKE DETECTOR
-  POWER PANEL

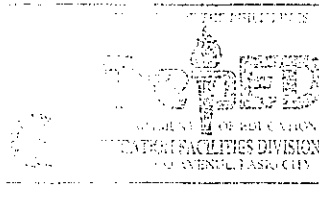
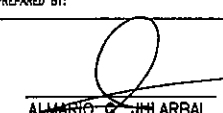

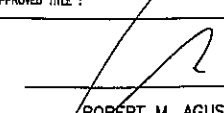


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Ece-3



















**MEZZANINE FLOOR  
PROPOSED ELECTRONIC LAYOUT PLAN**

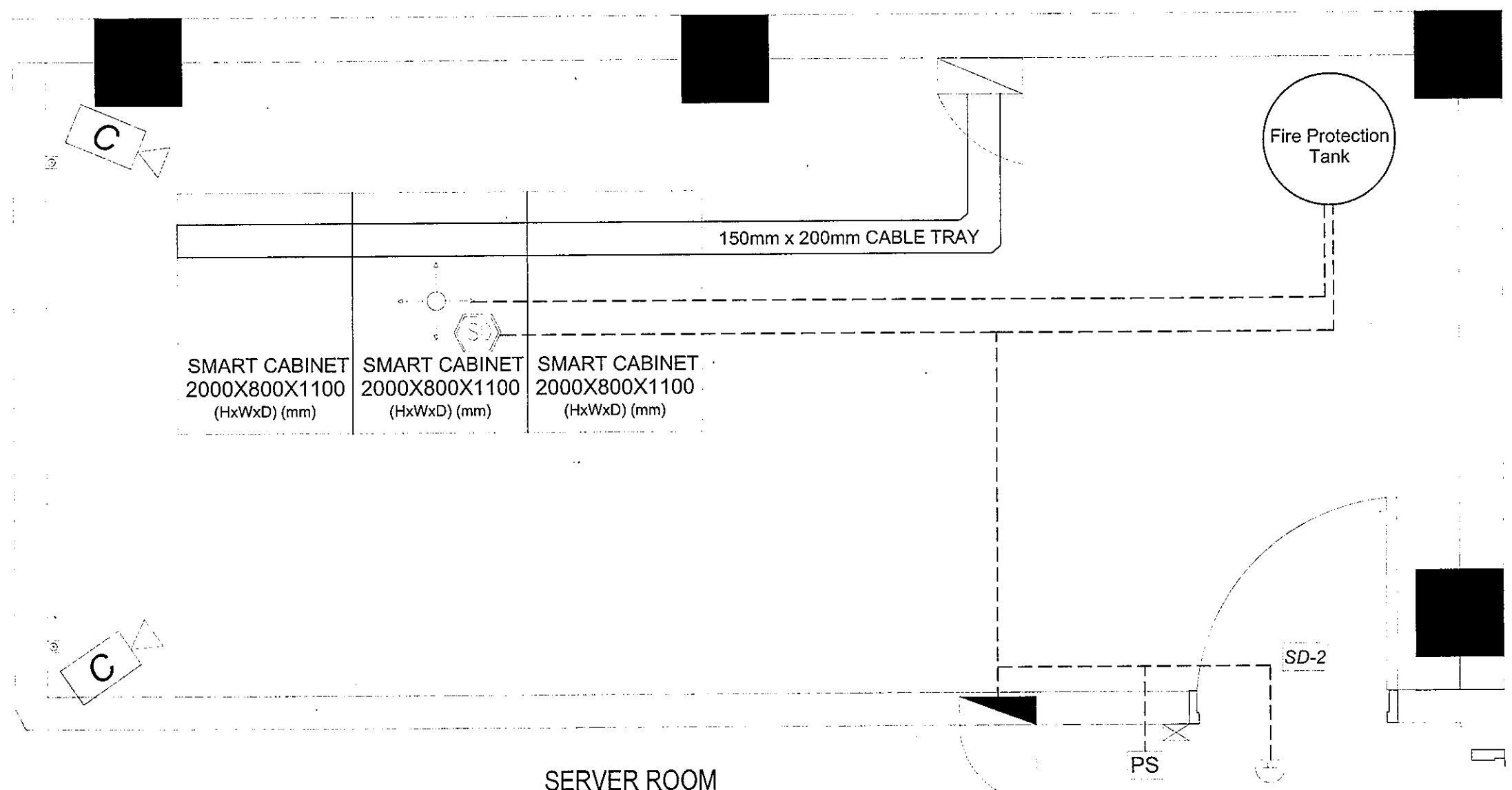
SCALE

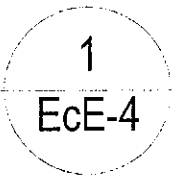
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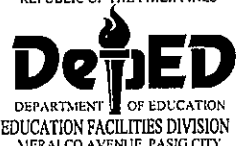

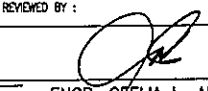
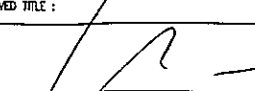
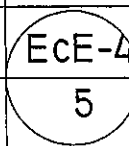
	PROJECT CODE: <b>LOCATION OF CCTV CAMERAS IN DEPED CENTRAL OFFICE COMMAND CENTER</b>	PREPARED BY:  <b>ALMARCO C. JULARBAL</b> T.A. CAD OPERATOR ADMN SERVICE -DepEd	REVIEWED BY:  <b>ENGR. OPELIA L. ALGO</b> Professional Electronic Engineer PRC No. 0000391 TIN No. 116-481-518 PTR No. 0713175 ISSUED ON:03.13.2023 Issued at Pasig City	APPROVED TITLE:  <b>ROBERT M. AGUSTIN</b> DIRECTOR IV ADMINISTRATIVE SERVICE	OWNER: DEPARTMENT OF EDUCATION DepEd SHEET CONTENTS: Extension of an Existing Building at the DepEd Central Office for the CO Malabag Center Location : MERALCO AVE. PASIG CITY	SHEET NO: <b>ECE-3</b> <b>5</b>
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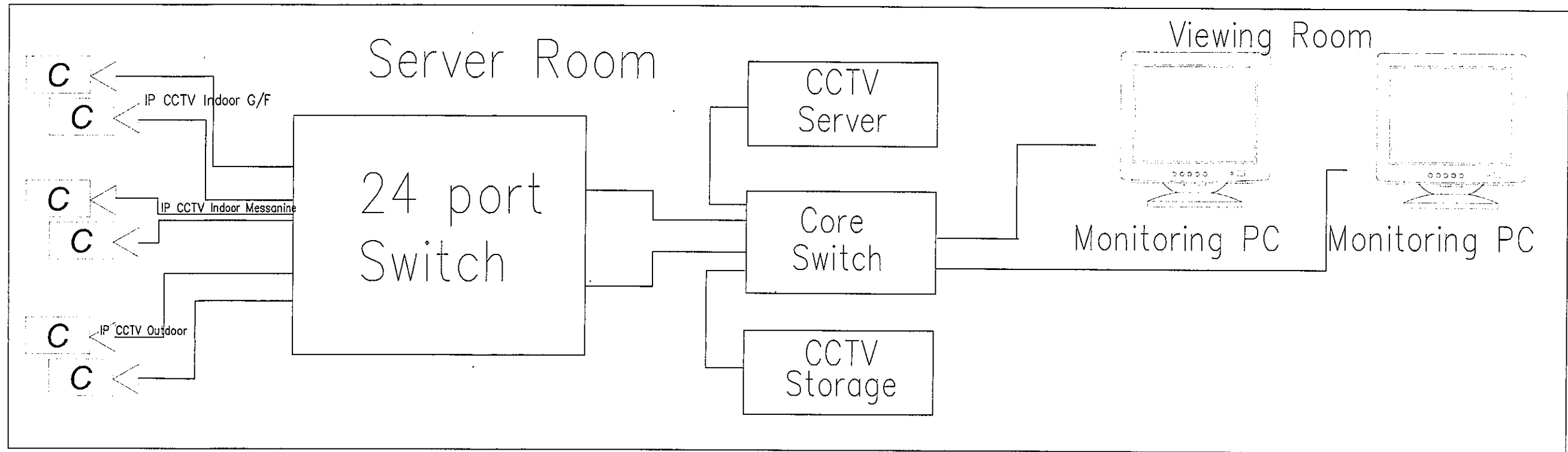
**LEGENDS :**

-  C BULLET TYPE CAMERA
-  COMPUTER
-  WIFI ROUTER
-  GROUND
-  SD-1 SECURED DOOR 1
-  SD-2 SECURED DOOR 2
-  SD-3 SECURED DOOR 3
-  CEILING MOUNTED STROBE
-  SINGLE PORT TEL. OUTLET
-  SINGLE PORT CATV OUTLET
-  SINGLE PORT DATA OUTLET
-  BIOMETRICS EQPT.
-  DATA CABINET
-  TEL. & DATA OUTLET
-  RISER
-  FIRE ALARM CONTROL PANEL
-  SMOKE DETECTOR
-  POWER PANEL




**SERVER ROOM  
PROPOSED ELECTRONIC LAYOUT PLAN**  
 SCALE 1:60M

REPUBLIC OF THE PHILIPPINES  DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY	PROJECT CODE: <b>LOCATION OF CCTV CAMERAS IN DEPED CENTRAL OFFICE COMMAND CENTER</b>	PREPARED BY:  <b>ALMARIO G. JULARBAL</b> <small>T.A. / CAD OPERATOR ADMIN SERVICE - DepEd</small>	REVIEWED BY:  <b>ENGR. OFELIA L. ALGO</b> <small>Professional Electronic Engineer PRC No. 0000071 TIN No. 116-481-518 PTR No. 0713179 ISSUED ON: 03.13.2023 Issued at Pasig City</small>	APPROVED TITLE:  <b>ROBERT M. AGUSTIN</b> <small>DIRECTOR IV ADMINISTRATIVE SERVICE</small>	OWNER: <b>DEPARTMENT OF EDUCATION DepEd</b>	SHEET NO.: 
LOCATION: <b>MERALCO AVE. PASIG CITY</b>		SHEET CONTENTS: <b>Extension of an Existing Building at the DepEd Central Office for the CO Malatag Center Location: MERALCO AVE. PASIG CITY</b>				



1  
Ece-5

**CCTV LAYOUT  
PROPOSED ELECTRONIC LAYOUT PLAN**

SCALE

1:60M

<p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF EDUCATION EDUCATION FACILITIES DIVISION MERALCO AVENUE, PASIG CITY</p>	PROJECT CODE:	PREPARED BY:	REVIEWED BY:	APPROVED TITLE:	OWNER:	SHEET NO.:
	LOCATION OF CCTV CAMERAS IN DEPED CENTRAL OFFICE COMMAND CENTER	 <b>ALVARO C. JERNBAL</b> <small>T.A. &amp; CAD OPERATOR ADMN SERVICE - DepED</small>	 <b>ENGR. OFELIA L. ALGO</b> <small>Professional Electronic Engineer PRC No. 0000051 TIN No. 116-481-518 PTR No. 0713179 ISSUED 04:03.13.2023 Issued at Pasig City</small>	 <b>ROBERT M. AGUSTIN</b> <small>DIRECTOR IV ADMINISTRATIVE SERVICE</small>	 <b>NOLASCO A. MEMPIN</b> <small>UNDERSECRETARY OF ADMINISTRATION</small>	DEPARTMENT OF EDUCATION DepED
LOCATION: MERALCO AVE. PASIG CITY	SHEET CONTENTS: Extension of an Existing Building at the DepEd Central Office for the CD Matlag Center Location: MERALCO AVE. PASIG CITY					