

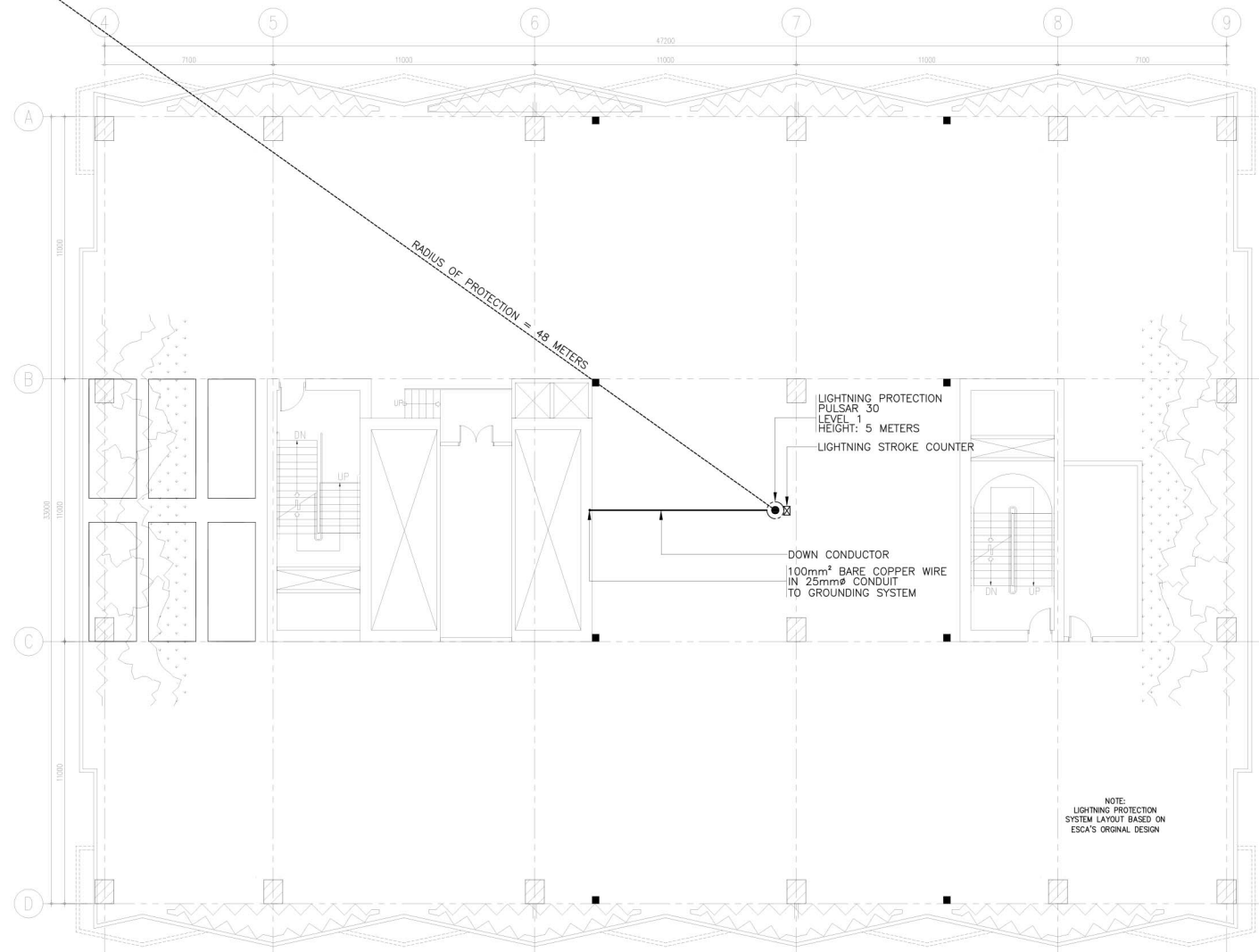
**NOTE:**  
 PURSUANT TO SECTION 4 OF ANNEX "A" OF THE REVISED IMPLEMENTING RULES AND REGULATIONS OF R.A. 9164, APPROVAL BY THE AUTHORIZED DPWH OFFICIALS OF DETAILED ENGINEERING SURVEYS AND DESIGN UNDERTAKEN BY CONSULTANTS NEITHER DIMINISHES THE RESPONSIBILITY OF THE LATTER FOR THE TECHNICAL INTEGRITY OF THE SURVEYS AND DESIGN NOR TRANSFER ANY PART OF THAT RESPONSIBILITY TO THE APPROVING OFFICIALS.  
 THE DESIGN CONSULTANT SHALL BE HELD RESPONSIBLE FOR THE FAILURE OF THE FACILITY/ES / STRUCTURES DUE TO FAULTY DESIGN EXCEPT FOR THE CHANGES MADE WITHOUT THE CONFORMITY OF THE CONSULTANTS.

DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE PROPERTY AND DOCUMENTS OF THE ARCHITECT. WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR AUTHOR OF SAID DOCUMENTS, TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.

**1 GROUNDING SYSTEM LAYOUT**  
 EE-41 SCALE: 1:100M

**NOTE:**  
 COMPLETE GROUNDING SYSTEM LAYOUT BASED ON ESCA'S ORIGINAL DESIGN

<b>TOKWING</b> CONSTRUCTION CORPORATION <small>Lot 35, Rodriguez Drive, Rodriguez Subdivision, Quezon City</small> <small>Tel No. (832) 867-8069 Email: tokwingcorp@yahoo.com</small>	<b>ENRIQUE O. OLANAN &amp; ASSOCIATES</b> ARCHITECTS ENGINEERS CONSULTANTS <small>Suite 205, Zouaveville Square Condominium, No.38 Zouaveville Ave. Loyola Heights, Quezon City</small> <small>Tel No. (832) 7917-5338 Email: enoanandesign@gmail.com</small>	CONSULTANT: <b>MANUEL V. PANIS</b> <small>PROFESSIONAL ELECTRICAL ENGINEER</small> <small>REG. NO. : 01210 VALUITY : 10/13/2023</small> <small>PR. NO. : 814497 DATE : 01/23/2022</small> <small>PLACE : ANTIPOLO CITY TN. NO. 132-466-222</small>	CHECKED: <b>JOSE MANUEL AGUILARDO</b> <small>PROJECT MANAGER II</small> <small>BUILDING &amp; SPECIAL PROJECTS MANAGEMENT CLUSTER</small> <small>UNIFIED PROJECT MANAGEMENT OFFICE, DPWH</small>	REVIEWED: <b>ATTY. JOHNSON V. DOMINICO</b> <small>PROJECT DIRECTOR</small> <small>BUILDING &amp; SPECIAL PROJECTS MANAGEMENT CLUSTER</small> <small>UNIFIED PROJECT MANAGEMENT OFFICE, DPWH</small>	RECOMMENDING APPROVAL: <b>REYNOR R. IMPERIAL</b> <small>DIRECTOR III</small> <small>PLANNING AND MANAGEMENT SERVICE</small> <small>CO-HEAD, PSA-BOCM</small>	APPROVED: <b>SOCRATES L. RAMORES</b> <small>DIRECTOR IV</small> <small>ASSISTANT NATIONAL STATISTICIAN</small> <small>FINANCE AND ADMINISTRATIVE SERVICE</small> <small>HEAD, PSA-BOCM</small>	APPROVED: <b>LEO B. MALAGAR</b> <small>DIRECTOR IV</small> <small>ASSISTANT SECRETARY</small> <small>DEPUTY NATIONAL STATISTICIAN</small> <small>CIVIL REGISTRATION &amp; GENERAL SUPPORT OFFICE</small>	APPROVED: <b>USEC. CLAIRE DENNIS S. MAPA, PH. D.</b> <small>NATIONAL STATISTICIAN AND CIVIL REGISTRAR GENERAL</small> <small>PHILIPPINE STATISTICS AUTHORITY</small>	PROJECT: <b>CONSTRUCTION OF FIT-OUT AND LANDSCAPE WORKS FOR THE TWENTY-THREE (23) STOREY PHILIPPINE STATISTICS AUTHORITY (PSA) OFFICE BUILDING WITH COVERED ROOF DECK</b> LOCATION: <b>PSA COMPLEX, EAST AVENUE, DILIMAN, QUEZON CITY</b>	SHEET CONTENT: <b>GROUNDING SYSTEM LAYOUT</b>	DESIGNER: <b>LPG</b> CAD: <b>LPC</b> CHECKED: <b>MVP</b> DATE: <b>FEB. 2022</b>	REVISIONS <table border="1"> <tr> <th>SYMBOL</th> <th>REMARK</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	SYMBOL	REMARK	DATE				SHEET NO.: <b>EE-41</b>
		SYMBOL	REMARK	DATE															

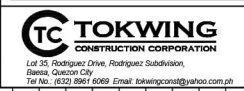


NOTE :  
 -LIGHTNING PROTECTION RADIUS IS SUBJECT TO RECOMMENDATION OF LIGHTNING PROTECTION SUPPLIER AND INSTALLER.  
 -ORIGINAL DESIGN FROM ESCA.

1 LIGHTNING PROTECTION SYSTEM LAYOUT  
 EE-42 SCALE: 1:100M

NOTE:  
 PURSUANT TO SECTION 4 OF ANNEX "A" OF THE REVISED IMPLEMENTING RULES AND REGULATION OF R.A. 9164, APPROVAL BY THE AUTHORIZED DPWH OFFICIALS OF DETAILED ENGINEERING SURVEYS AND DESIGN UNDERTAKEN BY CONSULTANTS NEITHER DIMINISHES THE RESPONSIBILITY OF THE LATTER FOR THE TECHNICAL INTEGRITY OF THE SURVEYS AND DESIGN NOR TRANSFER ANY PART OF THAT RESPONSIBILITY TO THE APPROVING OFFICIALS.  
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CONSULTANT: MANUEL V. PANIS  
 PROFESSIONAL ELECTRICAL ENGINEER  
 REG. NO. : 01210 VALIDITY : 10/13/2023  
 P.E. NO. : 814497 DATE : 01/23/2022  
 PLACE : ANTIPOLO CITY TN. NO. 132-466-222

CHECKED: JOSE MANUEL AGUILARDO  
 PROJECT MANAGER II  
 BUILDING & SPECIAL PROJECTS MANAGEMENT CLUSTER  
 UNIFIED PROJECT MANAGEMENT OFFICE, DPWH

REVIEWED: ATTY. JOHNSON V. DOMINCO  
 PROJECT DIRECTOR  
 BUILDING & SPECIAL PROJECTS MANAGEMENT CLUSTER  
 UNIFIED PROJECT MANAGEMENT OFFICE, DPWH

RECOMMENDING APPROVAL: REYNOR R. IMPERIAL  
 DIRECTOR III  
 PLANNING AND MANAGEMENT SERVICE  
 CO-HEAD, PSA-BCOM

APPROVED: SOCRATES L. RAMORES  
 DIRECTOR IV  
 ASSISTANT NATIONAL STATISTICIAN  
 FINANCE AND ADMINISTRATIVE SERVICE  
 HEAD, PSA-BCOM

LEO B. MALAGAR  
 ASSISTANT SECRETARY  
 DEPUTY NATIONAL STATISTICIAN  
 CIVIL REGISTRATION & GENERAL SUPPORT OFFICE

APPROVED: USEC. CLAIRE DENNIS S. MAPA, PH. D.  
 NATIONAL STATISTICIAN AND CIVIL REGISTRAR GENERAL  
 PHILIPPINE STATISTICS AUTHORITY

PROJECT: CONSTRUCTION OF FIT-OUT AND LANDSCAPE WORKS FOR THE TWENTY-THREE (23) STOREY PHILIPPINE STATISTICS AUTHORITY (PSA) OFFICE BUILDING WITH COVERED ROOF DECK  
 LOCATION: PSA COMPLEX, EAST AVENUE, DILIMAN, QUEZON CITY

SHEET CONTENT: LIGHTNING PROTECTION SYSTEM LAYOUT

DESIGNER : LPG  
 CAD : LPC  
 CHECKED : MVP  
 DATE : FEB. 2022

REVISIONS	SYMBOL	REMARK	DATE

SHEET NO. EE-42