

GENERAL NOTES:

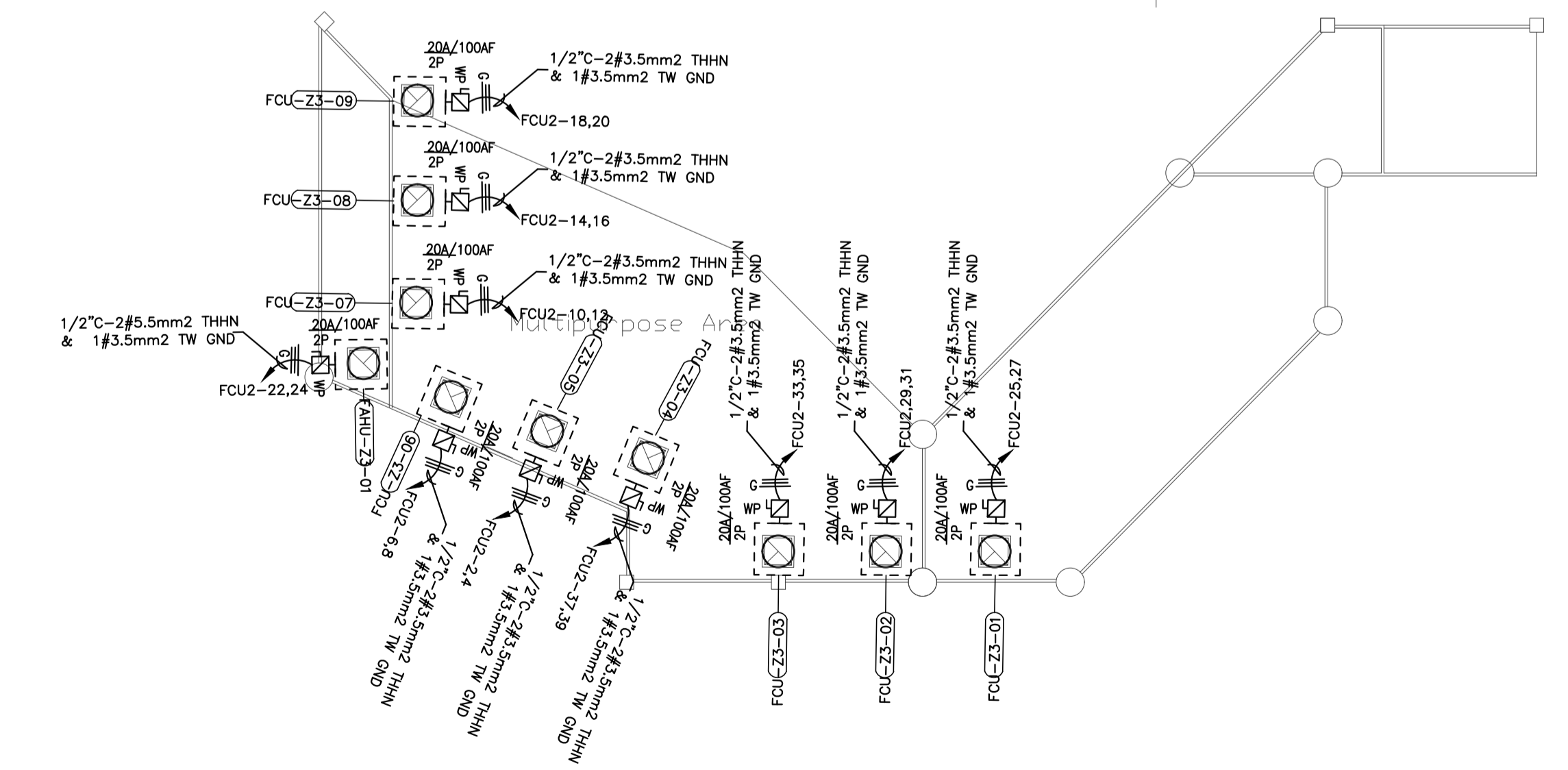
- ELECTRICAL CONTRACTOR SHALL VERIFY (E) FIELD CONDITIONS PRIOR TO BID. ANY DISCREPANCIES BETWEEN DRAWINGS & (E) CONDITIONS FOUND DURING INSTALLATION SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION & SHOULD BE RESOLVED AT NO ADDITIONAL COST TO THE OWNER.
- ALL WIRING TO BE COPPER "THWN," UNLESS OTHERWISE NOTED. SEE PANEL SCHEDULE FOR SIZING.
- ELECTRICAL CONTRACTOR TO SUPPLY OWNER WITH DRAWINGS OF THE AS-BUILT CONDITION OF THE WIRING SYSTEM UPON COMPLETION.
- ALL CONSTRUCTION OF THIS PROJECT SHALL CONFORM TO ALL LOCAL CODES, ORDINANCES AND CURRENT ELECTRIC & BUILDING CODES.
- THE E.C SHALL COMPLY WITH ALL LOCAL COUNTY, STATE AND FEDERAL CODES, ORDINANCES, RULES AND REGULATIONS INCLUDING ALL REQUIREMENTS OF GOVERNING AGENCIES. ELECTRICAL CONTRACTOR SHALL PAY ALL COSTS ASSOCIATED WITH THE INSTALLATION, INCLUDING BUILDING APPLICATION FEES, ETC.
- ALL ELECTRICAL ROUGH-INS SHOWN ON THIS PLAN PERTAINS ONLY TO THE EQUIPMENT BEING FURNISHED BY VENDOR. ANY ADDITIONAL REQUIREMENTS SHALL BE SPECIFIED BY THE OWNER AND/OR THE GENERAL CONTRACTOR.
- ALL DISCONNECTING MEANS SHALL BE IDENTIFIED FOR ITS PURPOSE PER NEC 2017 ARTICLE 110.22.
- EVERY STRUCTURE AND PORTION THEREOF, INCLUDING NONSTRUCTURAL COMPONENTS THAT ARE PERMANENTLY ATTACHED TO STRUCTURES AND THEIR SUPPORTS AND ATTACHMENTS, SHALL BE DESIGNED AND CONSTRUCTED TO RESIST THE EFFECTS OF EARTHQUAKE MOTIONS IN ACCORDANCE WITH ASCE 7, EXCLUDING CHAPTER 14 AND APPENDIX 11A. THE SEISMIC DESIGN CATEGORY FOR A STRUCTURE IS PERMITTED TO BE DETERMINED IN ACCORDANCE WITH SECTION 1613 OR ASCE 7.
- ALL DISCONNECTING MEANS AND ELECTRICAL EQUIPMENT SHALL BE INSTALLED PER 110.3(B) OR PER THE LISTING AND LABELING INSTRUCTIONS BY THE MANUFACTURERS.
- INSTALL BUSHING ON ALL RACEWAY ENTRIES CONNECTORS THAT CONTAIN 4 AWG OR LARGER CONDUCTORS.
- ALL HVAC UNITS SHALL HAVE PROPERLY FUSED DISCONNECTING MEANS AND A GFCI PROTECTED RECEPTACLE SHALL BE INSTALLED WITHIN 25 FEET OF ALL HVAC AND VENTILATING EQUIPMENT ON THE ROOF.

NOTE: ELECTRICAL PLANS ARE INTENDED TO SHOW, IN A GENERAL WAY, THE APPROXIMATE LOCATION AND LOADS OF THE INTENDED EQUIPMENT. EXACT LOCATIONS AND MATERIALS SHALL BE DETERMINED IN THE FIELD BY THE INSTALLING CONTRACTOR AND SHALL CONFORM TO THE PROVISIONS AS SET FORTH IN THE 2017 EDITION OF THE PHILIPPINE ELECTRICAL CODE AND NATIONAL ELECTRICAL CODE RESPECTIVELY.

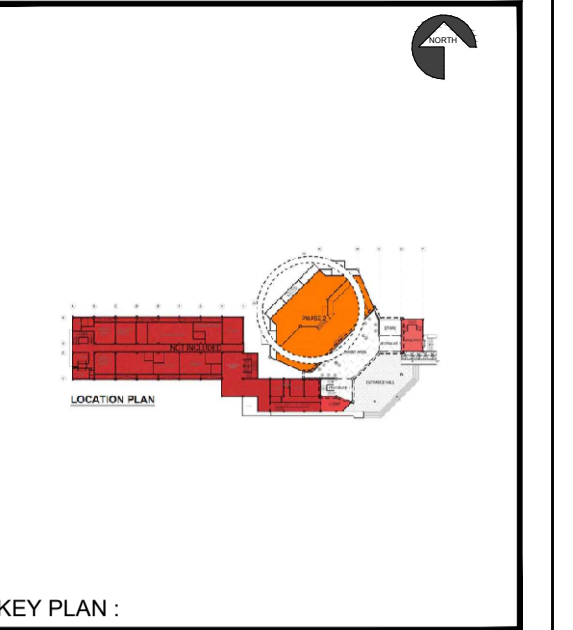


GROUND FLOOR ZONE 1

SECOND FLOOR ZONE 2



1 HVAC LAYOUT PLAN
E.2.0 NOT TO SCALE



NOTES:

PROFESSIONAL ELECTRICAL ENGINEER:

PRC NO :
DATE :
PLACE :

REFERENCES

DWG. No.	REV.	DESCRIPTION

REVISION

No.	DATE	DESCRIPTION	CHECKED BY
01	15-05-2019	FOR APPROVAL	DOST
01	15-05-2019	FOR APPROVAL	GSCS

COORDINATION

	ARCH.	CIVIL	ELECT.	MECH.	STRUC.	SURVEY
DOST						
GSCS						

DESIGN DRAWING

CLIENT:

DOST NAST

PROJECT CONSULTANT:

GSCS
Since 2005

PROJECT LOCATION:
NATIONAL ACADEMY OF SCIENCE AND TECHNOLOGY, 2/F PHILIPPINE SCIENCE HERITAGE CENTER, DOST COMPOUND BICUTAN, TAGUIG, METRO MANILA.

PROJECT TITLE:
MECHANICAL AND ELECTRICAL DESIGN FOR THE INSTALLATION OF HVAC AND GENERATOR SET AT THE PHIL SCIENCE HERITAGE CENTER

DRAWING TITLE:
HVAC Layout Plan

SCALE:	PREPARED BY:	P.P.
NTS		
DATE:	CHECKED BY:	
15-05-2019		
CONTRACT NO.:	REFERENCE:	TRANSMITTAL NO. EDD-01
2019-55		
DRAWING NO.:		
	E.2.0	
		00