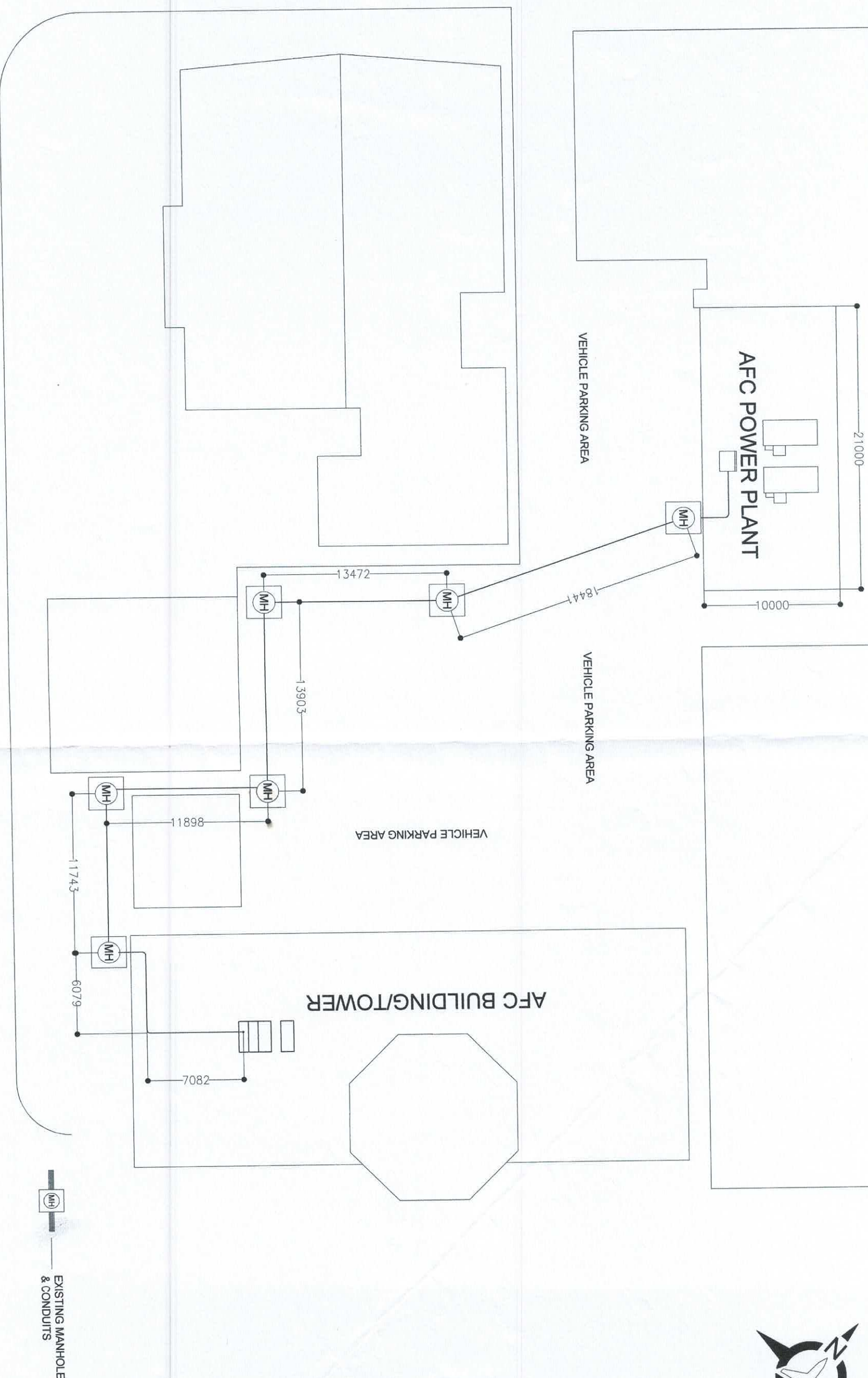




1
E 1

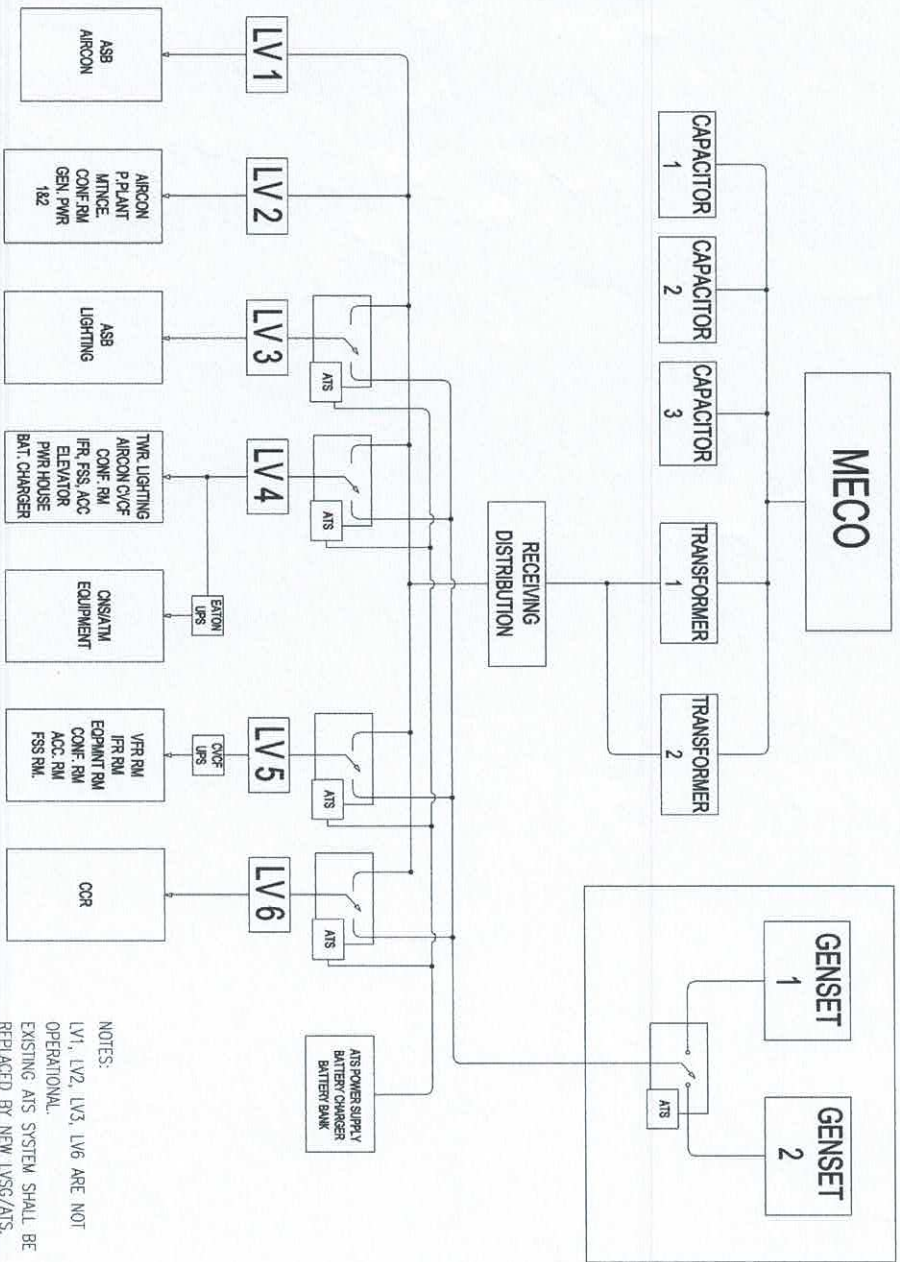
ELECTRICAL POWER CABLE LAYOUT

SCALE: 1: 300 M

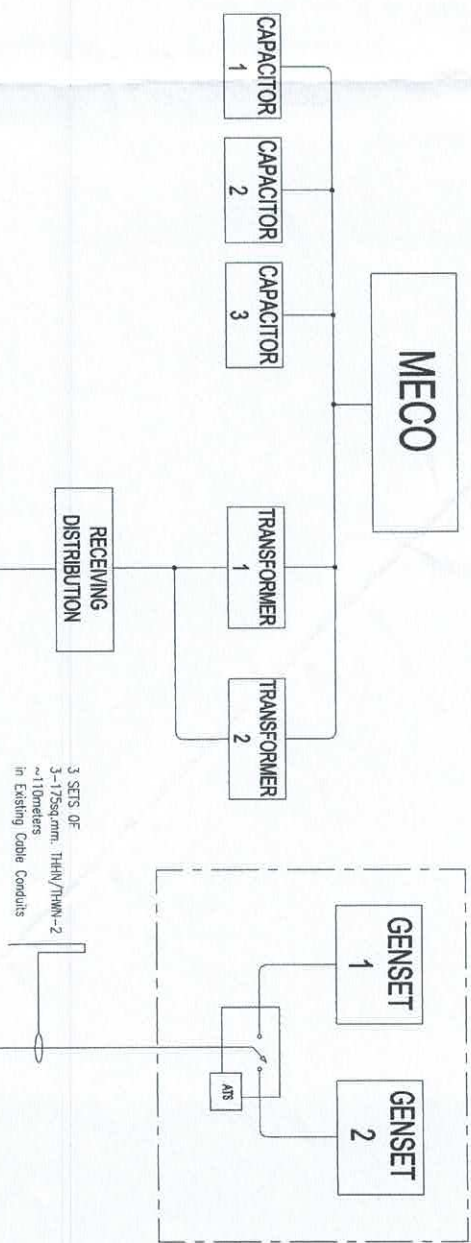
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES	TITLE: REPLACEMENT OF DIESEL ENGINE GENERATOR SET AT MACTAN AFC	PREPARED BY: ENGINEER C. CALIBRO ACTING CNSO I, ANPPDO	CHECKED BY: RODRICK D. VEGA DIVISION CHIEF III, ANPPDO	REVIEWED BY: JOSUE R. BONGUI ACTING DEPARTMENT MANAGER III, ANPPDO	SUBMITTED BY: LEANDRO R. VARGUEZ DEPARTMENT MANAGER III, ANPPDO	RECOMMENDING APPROVAL: GARY M. JADIE ACTING CHIEF, AIR NAVIGATION SERVICE	APPROVED BY: CAPT. MANUEL ANTONIO L. TAMAYO DIRECTOR GENERAL	SHEET NO.: 01/07 DATE: 16 JULY 2024
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AIR NAVIGATION SERVICE



NOTES:
LV1, LV2, LV3, LV6 ARE NOT OPERATIONAL.
EXISTING AIS SYSTEM SHALL BE REPLACED BY NEW LVSC/AIS.



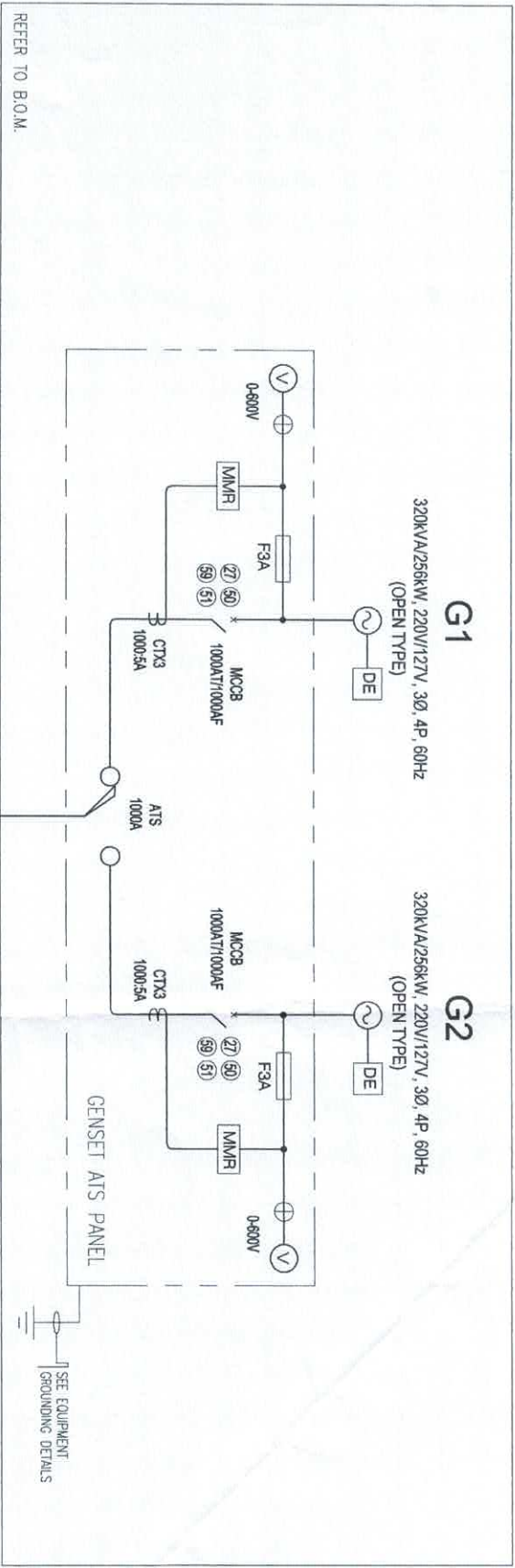
NOTES:
EXISTING CCR PANEL SHALL BE REMOVED BEFORE INSTALLING THE NEW LVSC/AIS PANEL.

1
E 2
EXISTING BLOCK DIAGRAM
SCALE: NTS

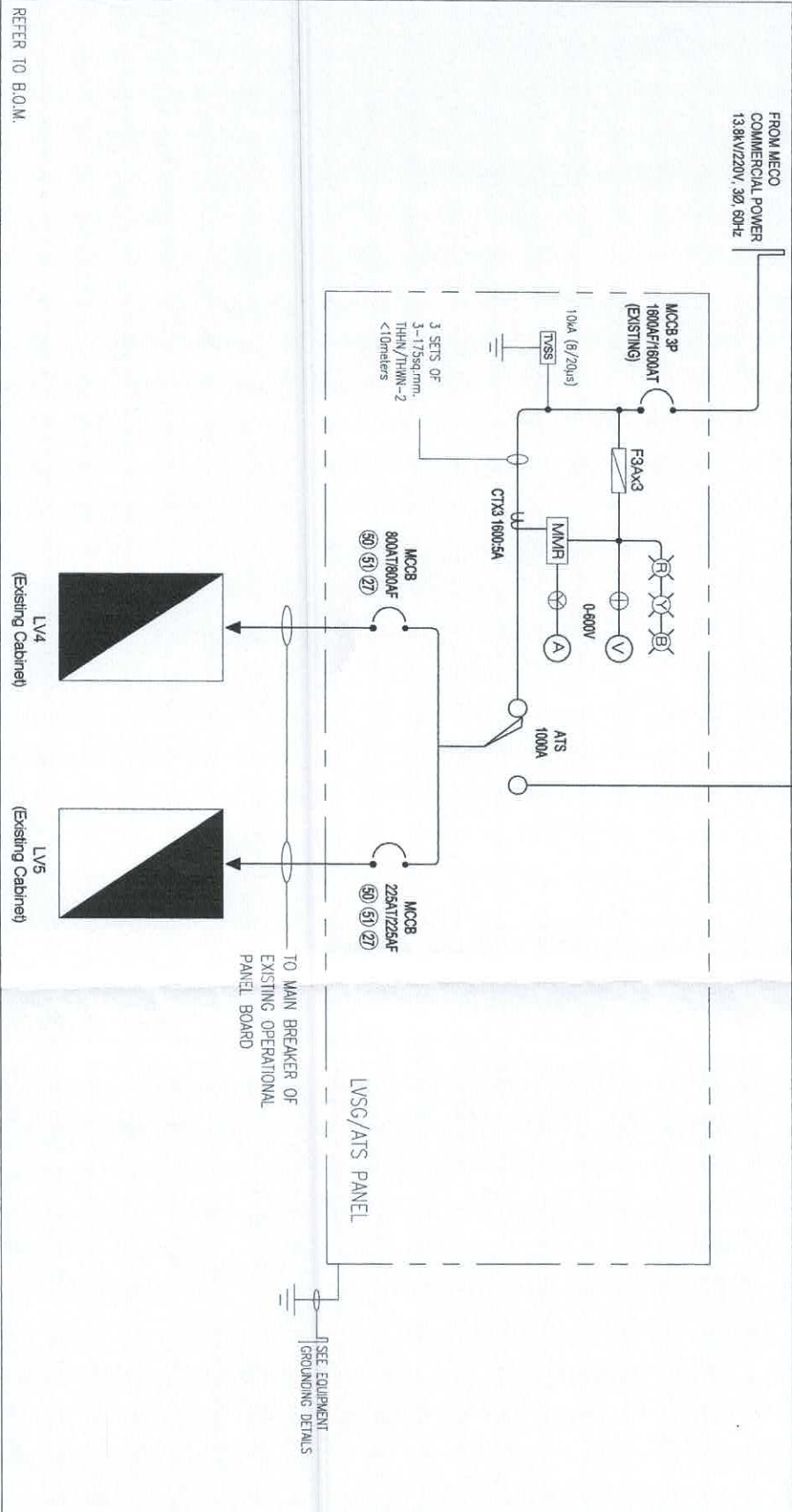
2
E 2
PROPOSED NEW BLOCK DIAGRAM
SCALE: NTS

 CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AIR NAVIGATION SERVICE	TITLE: REPLACEMENT OF DIESEL ENGINE GENERATOR SET AT MACTAN AFC	PREPARED BY: ENGINEER C. CAJUBAO ACTING CHIEF I, ANPPD	CHECKED BY: RODRICK D. VEGA DIVISION CHIEF III, ANPPD	REVIEWED BY: JOSE B. SUGUI ACTING DEPARTMENT MANAGER III, ANPPD	SUBMITTED BY: LEANDRO R. VARQUEZ DEPARTMENT MANAGER III, ANPPD	RECOMMENDING APPROVAL: GARY M. JADIE ACTING CHIEF, AIR NAVIGATION SERVICE	APPROVED BY: CAPT. MANUEL ANTONIO L. TAMAYO DIRECTOR GENERAL	SHEET NO.: 02/07 DATE: 16 JULY 2024
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AFC POWERHOUSE BLDG.



AFC BLDG. ELECT. ROOM

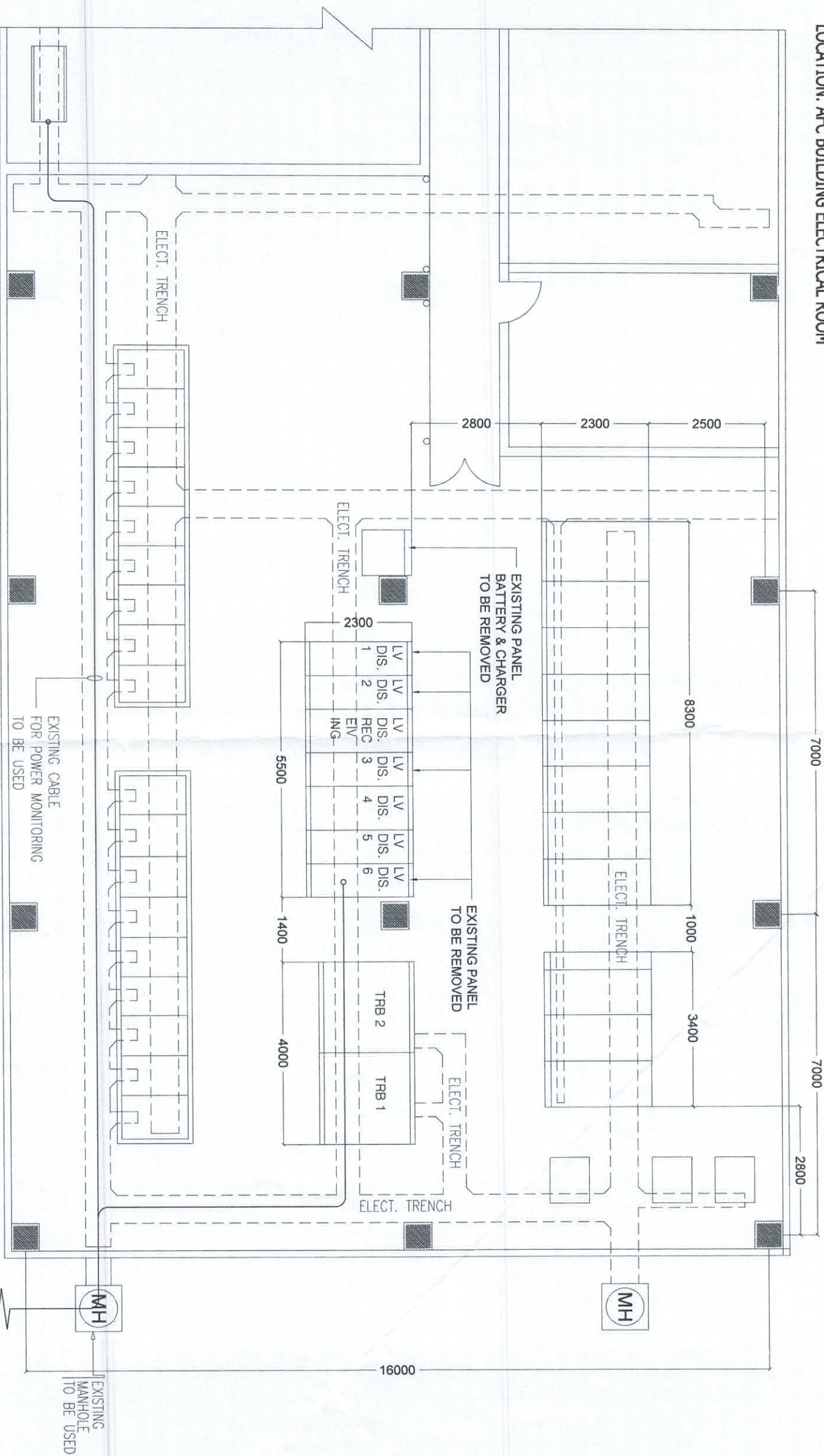


NOTE:
EXISTING INDIVIDUAL ATS FOR
LV3 TO LV6 SHALL BE REMOVED
BEFORE INSTALLING THE NEW ATS

1
E 3
PROPOSED SINGLE LINE DIAGRAM
SCALE: NTS

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES	TITLE:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO.:
 AIR NAVIGATION SERVICE	REPLACEMENT OF DIESEL ENGINE GENERATOR SET AT MACTAN AFC	ENGINEER C. CAUBAO ACTING CNSO I, ANPPDD	RODRICK D. VEGA DIVISION CHIEF III, ANPPDD	JOSUE R. SUGUI ACTING DEPARTMENT MANAGER III, ANDMD	LEANDRO R. VARQUEZ DEPARTMENT MANAGER III, ANPPDD	GARY M. JADIE ACTING CHIEF AIR NAVIGATION SERVICE	CAPT. MANUEL ANTONIO L. TAMAYO DIRECTOR GENERAL	03/07 DATE: 16 JULY 2024

LOCATION: AFC BUILDING ELECTRICAL ROOM



NOTES:
EXISTING CCR PANEL SHALL BE
REMOVED BEFORE INSTALLING
THE NEW LVSG/ATS PANEL

1
E 4

EXISTING LOW VOLTAGE PANEL LAYOUT

SCALE: 1:100M

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

TITLE:

PREPARED BY:

CHECKED BY:

REVIEWED BY:

SUBMITTED BY:

RECOMMENDING APPROVAL:

APPROVED BY:

SHEET NO.:

REPLACEMENT OF DIESEL ENGINE
GENERATOR SET AT MACTAN AFC

ENGINEER C. CAJUBAO
ACTING CHIEF, ANPPD

RODRICK D. VEGA
DIVISION CHIEF III, ANPPD

JOSE R. SUGUI
ACTING DEPARTMENT MANAGER III,
ANPPD

LEANDRO A. VARQUEZ
DEPARTMENT MANAGER III, ANPPD

GARY M. JADIE
ACTING CHIEF,
AIR NAVIGATION SERVICE

CAPT. MANUEL ANTONIO L. TAMAYO
DIRECTOR GENERAL

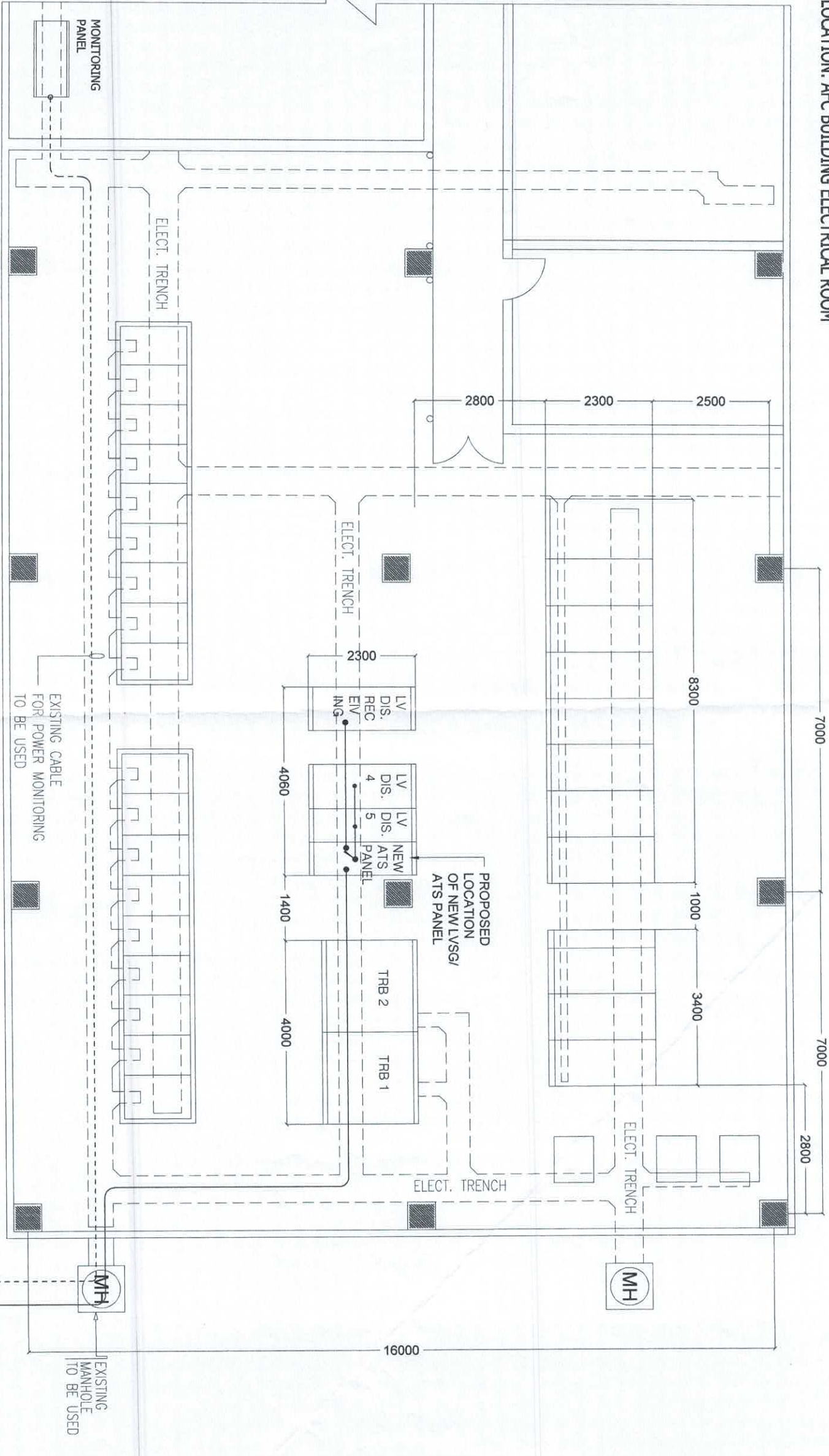
DATE:
04/07
16 JULY 2024



AIR NAVIGATION SERVICE

Revised: Aug 2024

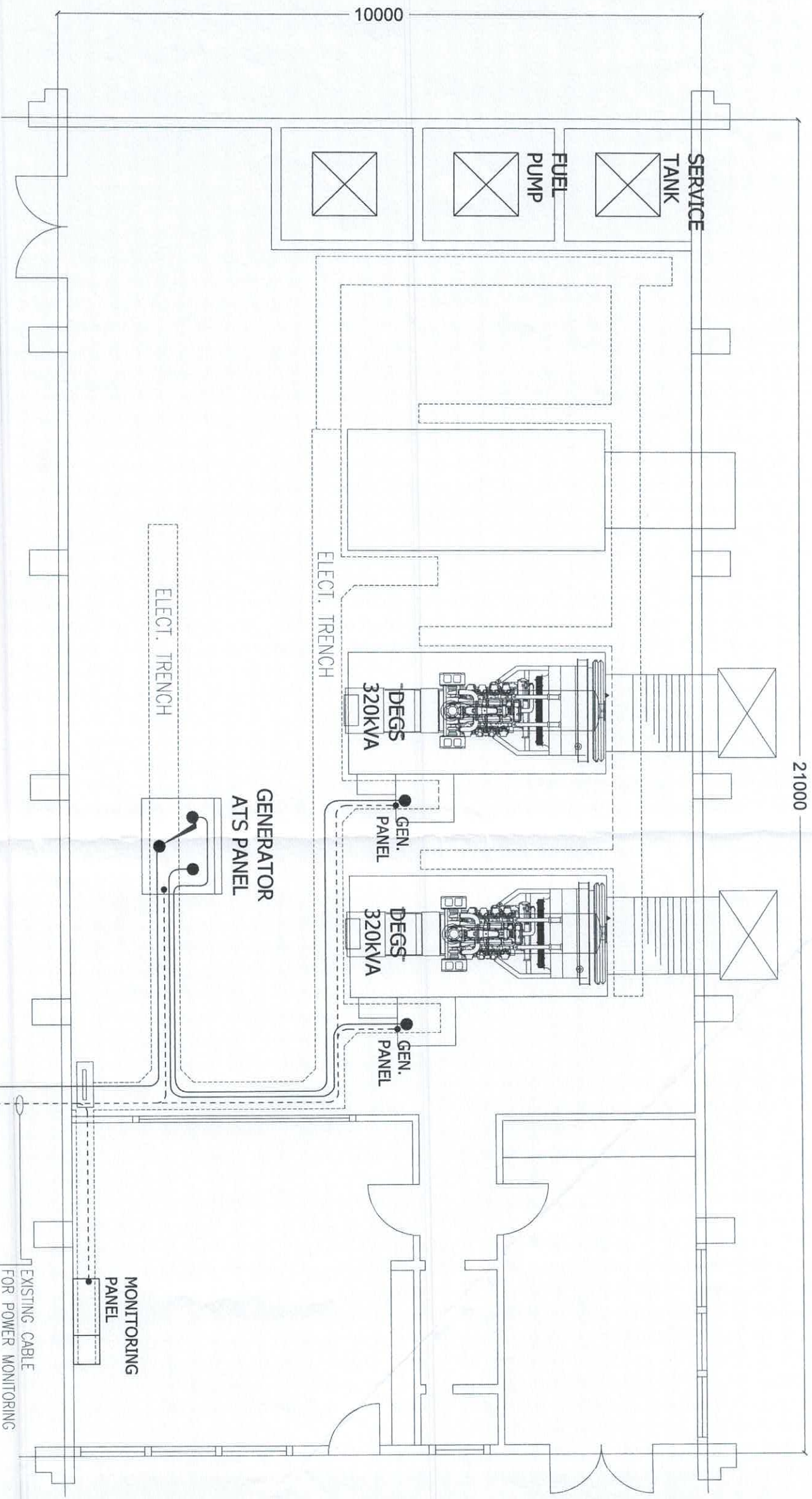
LOCATION: AFC BUILDING ELECTRICAL ROOM



NOTES:
EXISTING CCR PANEL SHALL BE
REMOVED BEFORE INSTALLING THE
NEW LVSG/ATS PANEL

1 PROPOSED LOCATION OF NEW LVSG/ATS PANEL
E 5
SCALE: 1:100M

 AIR NAVIGATION SERVICE	TITLE: REPLACEMENT OF DIESEL ENGINE GENERATOR SET AT MACTAN AFC	PREPARED BY:  ENGR. C. CAUBIAO ACTING CHIEF III, ANPPDD	CHECKED BY:  RODERICK D. VEGA DIVISION CHIEF III, ANPPDD	REVIEWED BY:  JOSIE R. SOTOLU ACTING DEPARTMENT MANAGER III, ANPPDD	SUBMITTED BY:  LEANDRO R. VARQUEZ DEPARTMENT MANAGER III, ANPPDD	RECOMMENDING APPROVAL:  GARY M. JADIA ACTING CHIEF AIR NAVIGATION SERVICE	APPROVED BY:  CAPT. MANUEL ANTONIO L. TAMAYO DIRECTOR GENERAL	SHEET NO.: 05/07 DATE: 16 JULY 2024
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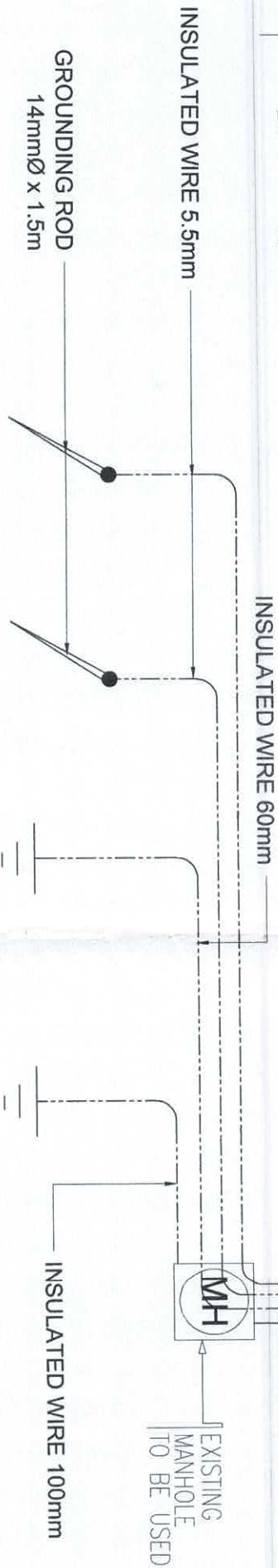
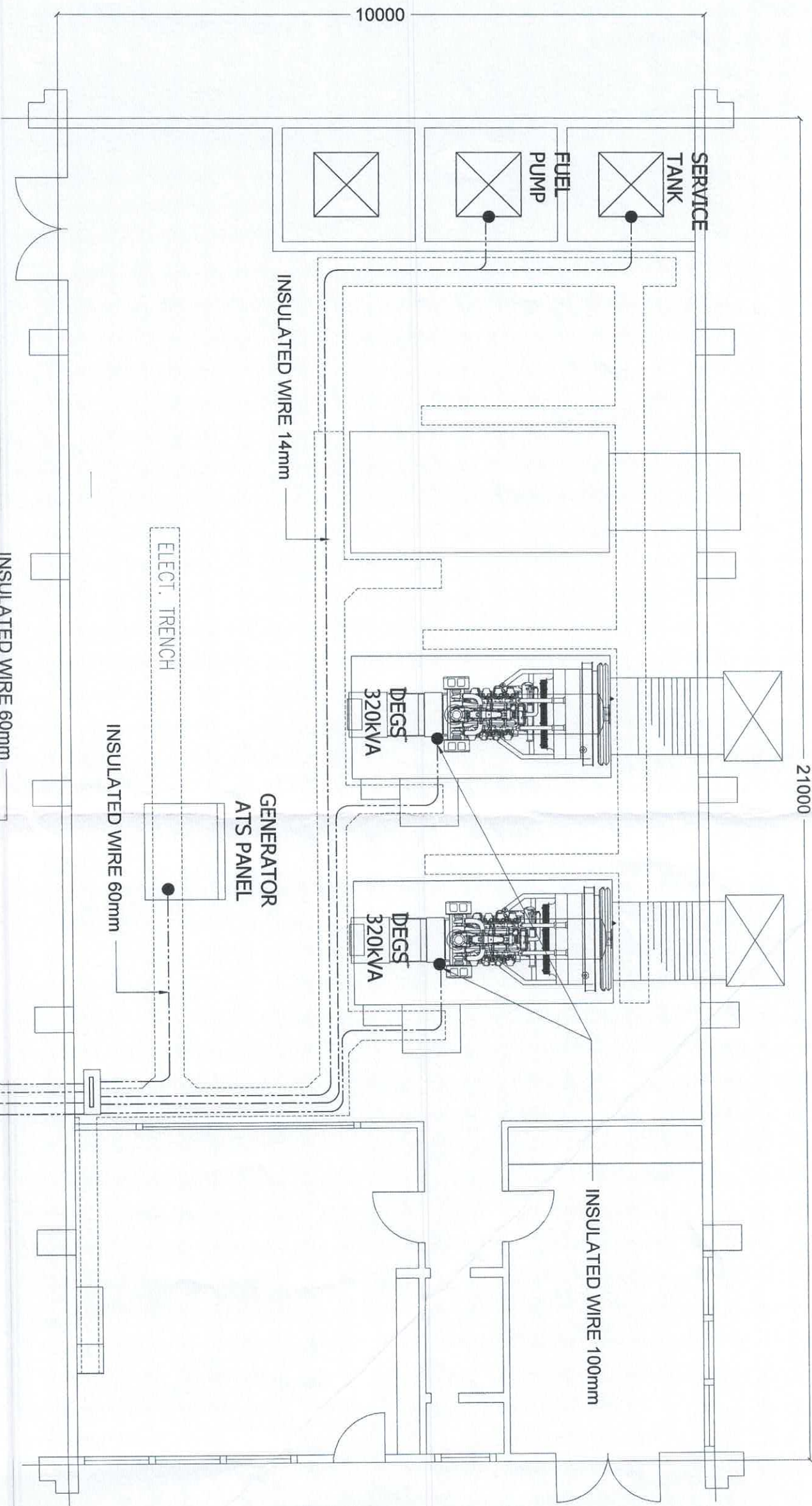


1
E 6

GENERATOR SETS & ATS PANEL LAYOUT

SCALE: 1: 75M

 CIVIL AVIATION AUTHORITY OF THE PHILIPPINES	TITLE: REPLACEMENT OF DIESEL ENGINE GENERATOR SET AT MACTAN AFC	PREPARED BY: ERNEST C. CAURAO ACTING CNSO I, ANPPDD	CHECKED BY: RODRICK D. VEGA QUALITY CHIEF III, ANPPDD	REVIEWED BY: JOSUE B. SUGUI ACTING DEPARTMENT MANAGER III, ANPPDD	SUBMITTED BY: LEANDRO R. VARQUEZ DEPARTMENT MANAGER III, ANPPDD	RECOMMENDING APPROVAL: GARY M. JADIE ACTING CHIEF, AIR NAVIGATION SERVICE	APPROVED BY: CAPT. MANUEL ANTONIO L. TAMAYO DIRECTOR GENERAL	SHEET NO.: 06/07 DATE: 16 JULY 2024
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1
E 7

GENERATOR/EQUIPMENT GROUNDING SYSTEM

SCALE: 1: 75M

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES	TITLE:	PREPARED BY:	CHECKED BY:	REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO.:
 AIR NAVIGATION SERVICE	REPLACEMENT OF DIESEL ENGINE GENERATOR SET AT MACTAN AFC	 ENNEE C. CALUPIAO ACTING CANSO I, ANPPDO	 RODERICK D. MEGA DIVISION CHIEF III, ANPPDO	 JOSUE R. SUGUI ACTING DEPARTMENT MANAGER III, ANPPDO	 LEANDRO R. VARQUEZ DEPARTMENT MANAGER III, ANPPDO	 GARY M. JADIE ACTING CHIEF AIR NAVIGATION SERVICE	 CAPT. MANUEL ANTONIO L. TAMAYO DIRECTOR GENERAL	DATE: 07/07 16 JULY 2024