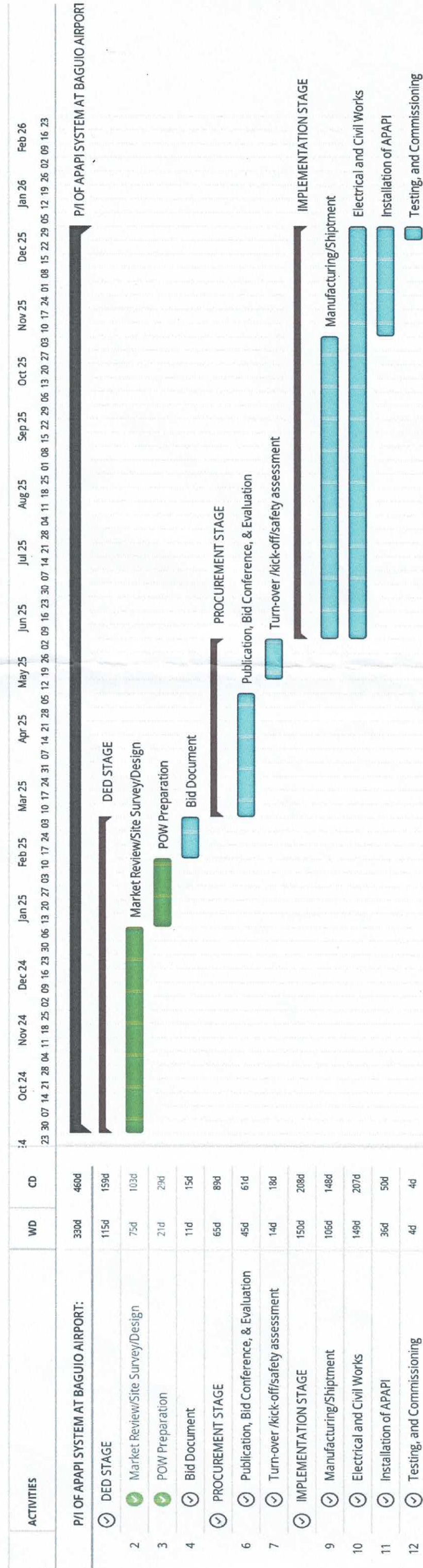




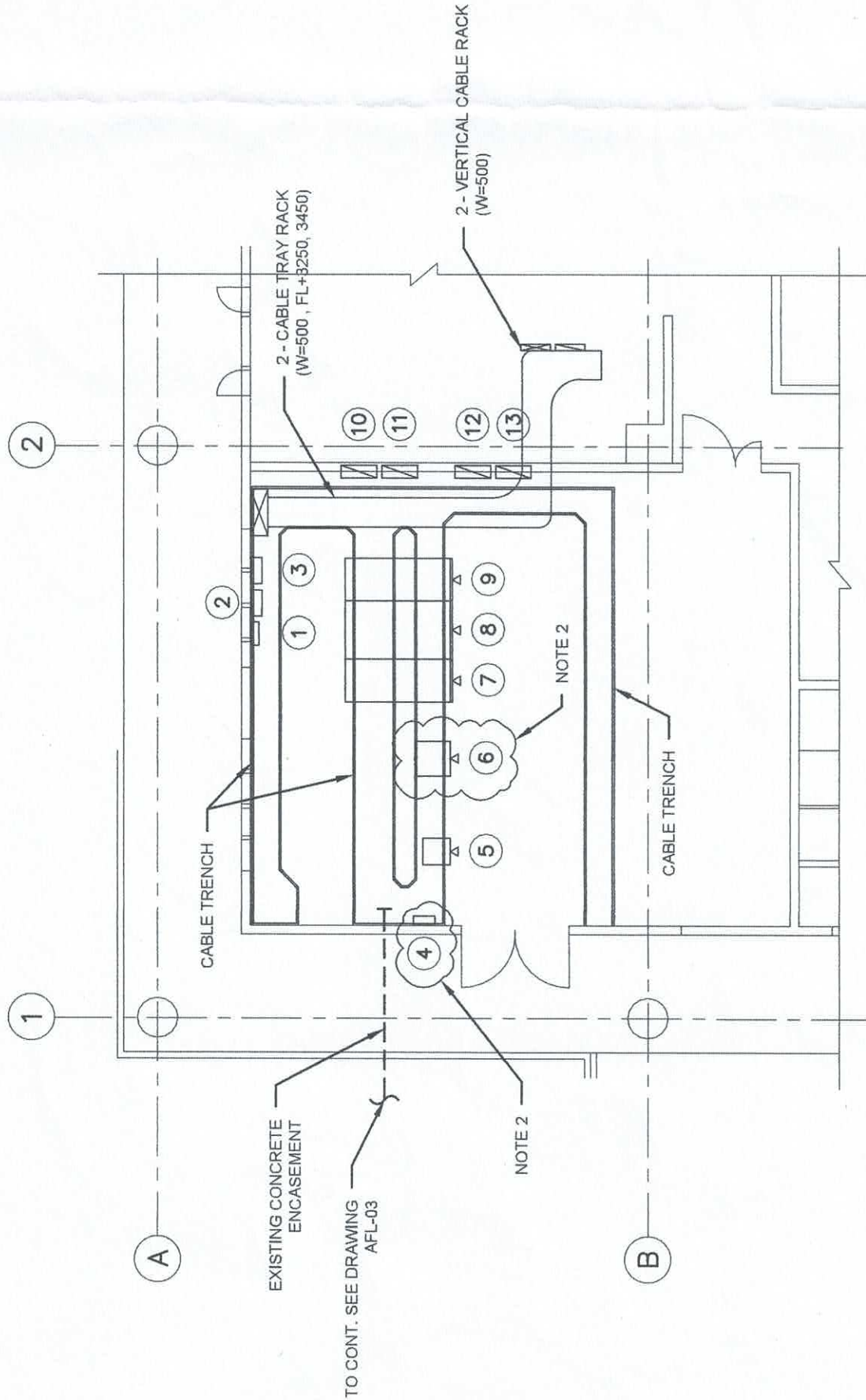
Republic of the Philippines
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

PURCHASE/INSTALLATION OF APAPI SYSTEM AND OTHER WORKS AT BAGUIO AIRPORT
Schedule of Activities



PREPARED BY:

RODERICK D. VEGA
Division Chief III, ANPPDD/EMD



NO.	EQUIPMENT	REMARKS
1	TERMINAL BOARD	
2	ARRESTER BOX -1	
3	ARRESTER BOX -2	
4	API REMOTE CONTROL BOX	TO BE DISMANTLED AND REPLACED
5	STEP UP TRANSFORMER	
6	CCR 4kW	TO BE DISMANTLED AND REPLACED
7	LB-2	
8	LB-3	
9	LB-4	
10	LPP-OL	
11	LPP-1	
12	LPP-1E	
13	ASB-1	

NOTES:

- FOR REFERENCE DRAWING REFER TO BAGUIO AIRPORT PHASE 3 PROJECT AS-BUILT DRAWINGS AT SITE.
- TO BE DISMANTLED AND REPLACED.

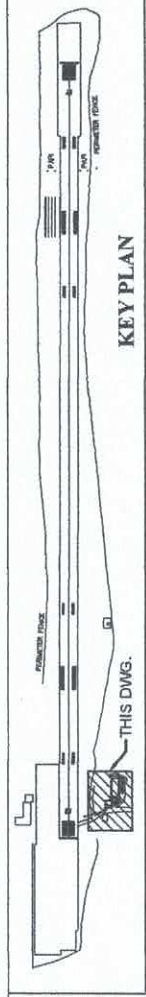
EXISTING ELECTRICAL ROOM LAYOUT
SCALE 1:100

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES	TITLE :	DESIGNED BY :	CHECKED BY :	REVIEWED BY :	SUBMITTED BY :	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET NO. :
 AIR NAVIGATION SERVICE	PURCHASE/INSTALLATION OF API SYSTEMS & OTHER WORKS AT BAGUIO AIRPORT	WILMAR D. LABITAN TECHNICAL ASST., ANPPDD	ROBERTO D. VEGA Division Chief III, ANPPDD	JOSUE R. RUGEN Acting Department Manager, ANPPDD	LEANDRO R. VARQUEZ Department Manager III, ANPPDD	GARY M. JADIE Acting Chief, Air Navigation Service	CAPT. MANUEL ANTONIO L. TAMAYO Director General, CAAP	AFL-01 / 09 DATE: 31 JAN 2025

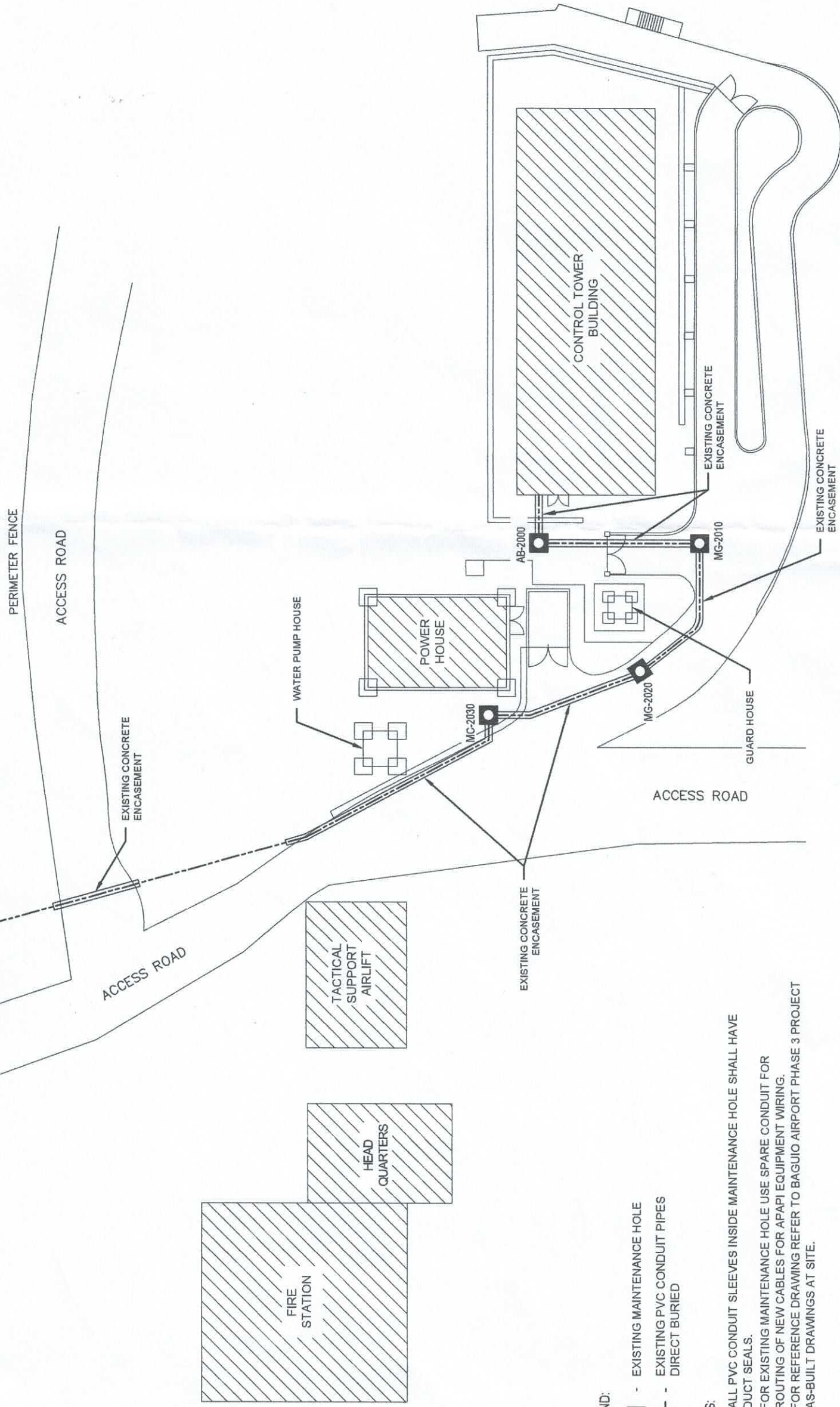


1. REFER TO AS-BUILT DRAWINGS OF ANS FACILITIES MODERNIZATION PROJECT PH III FOR CABLE ROUTING OF EXISTING CONTROL CABLE GOING TO CAB ROOM.

	CIVIL AVIATION AUTHORITY OF THE PHILIPPINES	TITLE : PURCHASE/INSTALLATION OF APAPI SYSTEMS & OTHER WORKS AT BAGUIO AIRPORT	DESIGNED BY :  <u>WILLMAR D. LABITAN</u> TECHNICAL ASST., ANPPDD	CHECKED BY :  <u>FREDERICK B. VEGA</u> Division Chief III, ANPPDD	REVIEWED BY :  <u>JOSUE R. SUGUI</u> Acting Department Manager, ANQIMD	SUBMITTED BY :  <u>LEANDRO R. VARQUEZ</u> Department Manager III, ANPPDD	RECOMMENDING APPROVAL :  <u>GARY M. JADIE</u> Acting Chief, Air Navigation Service	APPROVED BY :  <u>CAPT. MANUEL ANTONIO L. TAMAYO</u> Director General, CAAP	SHEET NO. : AFL-02 / 09 DATE: 31 JAN 2025
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FOR CONT. SEE DWG. AFL-04
MATCHLINE A-A



- EXISTING MAINTENANCE HOLE
EXISTING PVC CONDUIT PIPES
DIRECT BURIED

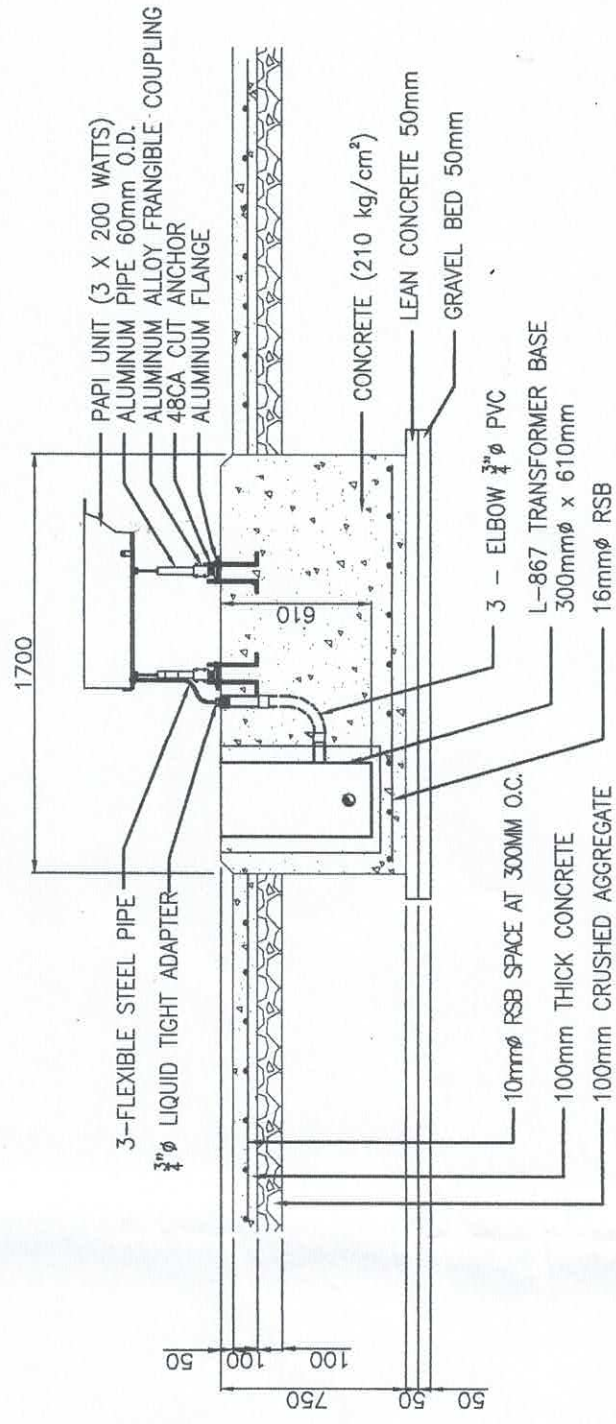
NOTES:

1. ALL PVC CONDUIT SLEEVES INSIDE MAINTENANCE HOLE SHALL HAVE DUCT SEALS.
2. FOR EXISTING MAINTENANCE HOLE USE SPARE CONDUIT FOR ROUTING OF NEW CABLES FOR APAEI EQUIPMENT WIRING.
3. FOR REFERENCE DRAWING REFER TO BAGUIO AIRPORT PHASE 3 PROJECT AS-BUILT DRAWINGS AT SITE.

UNDERGROUND CABLE DUCTING LAYOUT

1:400

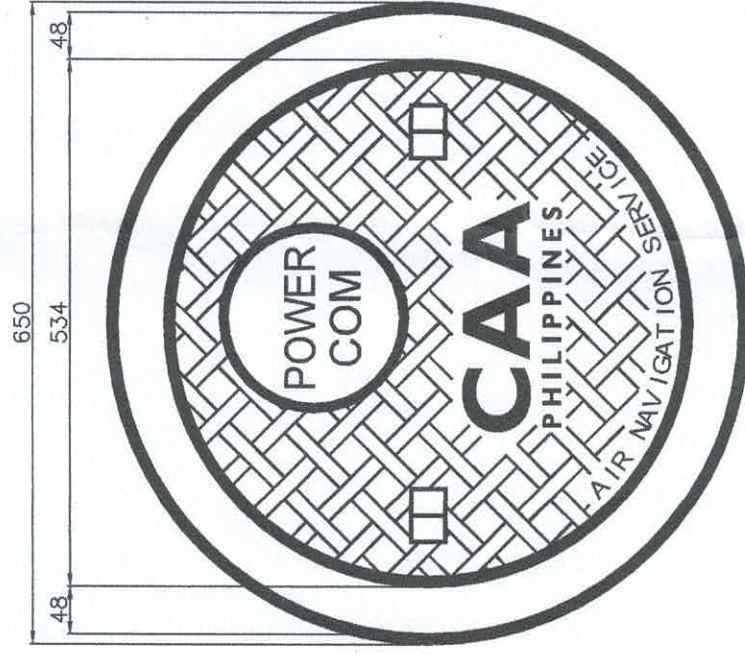
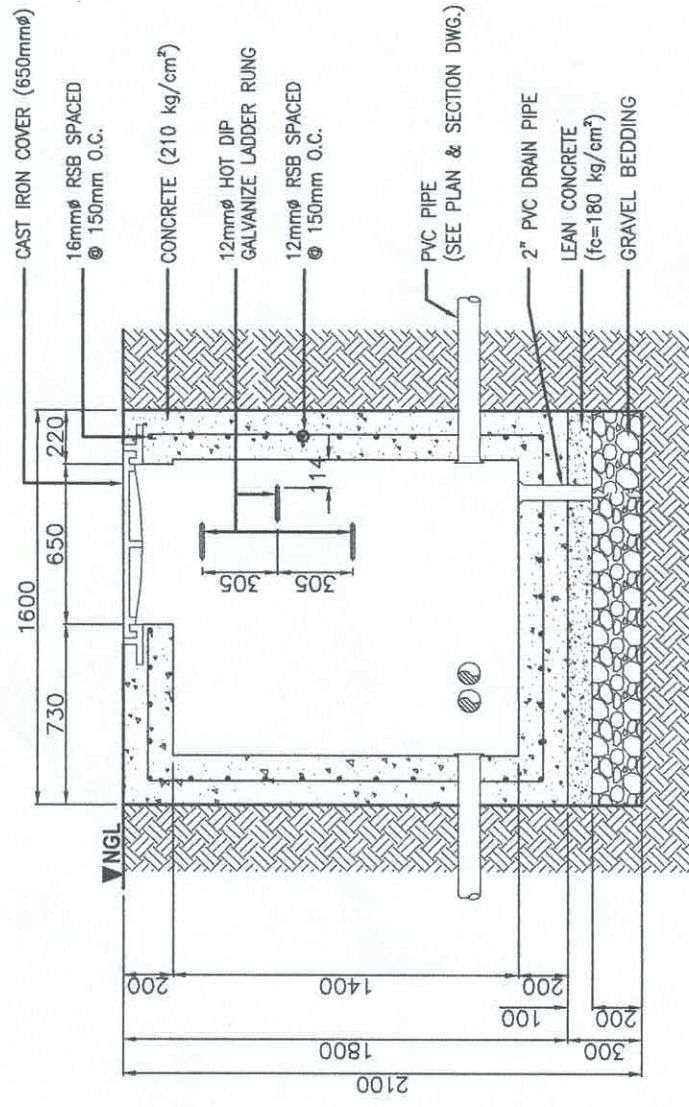
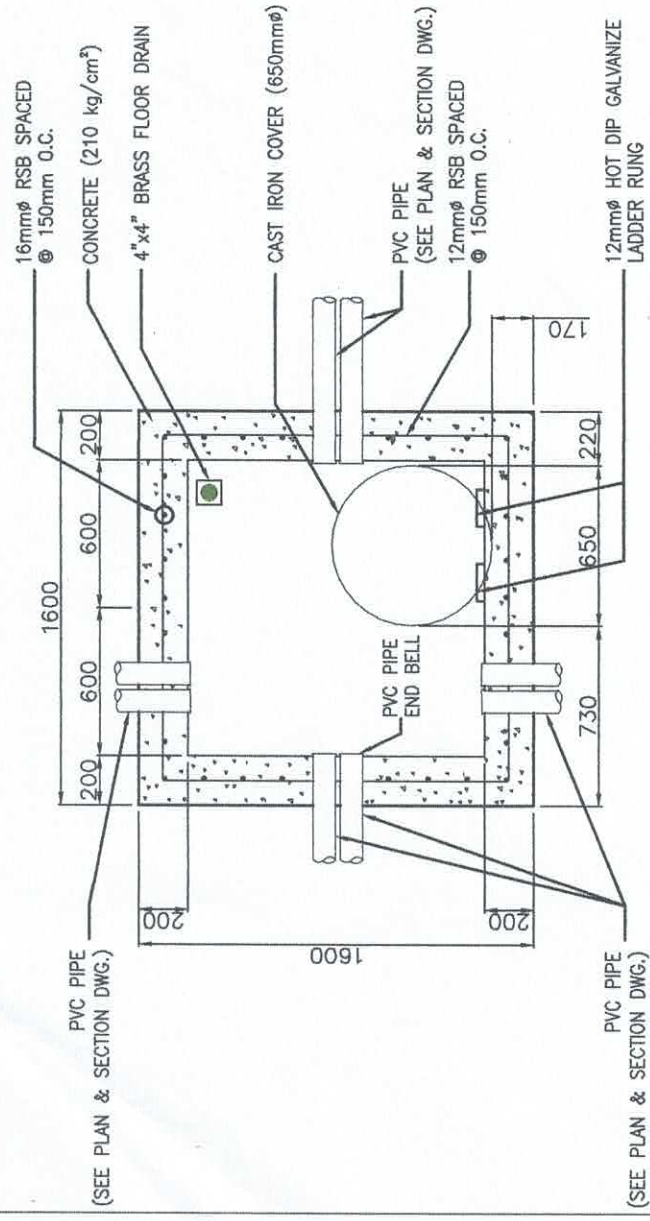
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES		DESIGNED BY :  WILMAR D. LABITAN TECHNICAL ASST., ANPPDD	CHECKED BY :  RODERICK D. VEGA Division Chief III, ANPPDD	REVIEWED BY :  JOSE A. SOTOCUI Acting Department Manager, ANQMD	SUBMITTED BY :  LEANDRO B. VARQUEZ Department Manager III, ANPPDD	RECOMMENDING APPROVAL :  GARY M. JADJE Acting Chief, Air Navigation Service	APPROVED BY :  CAPT. MANUELLA T. TAMAYO Director General, CAAP	SHEET NO. : AFL-03 / 09 DATE : 31 JAN 2025
	TITLE : PURCHASE/INSTALLATION OF APAPI SYSTEMS & OTHER WORKS AT BAGUIO AIRPORT							



DETAIL C

1. ALL PVC CONDUIT SLEEVES SHALL HAVE DUCT SEALS.

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES		AIR NAVIGATION SERVICE
TITLE :	PURCHASE/INSTALLATION OF APAPI SYSTEMS & OTHER WORKS AT BAGUIO AIRPORT	
DESIGNED BY :	 WILMAR D. LABITAN TECHNICAL ASST., ANPPDD	
CHECKED BY :	 RODRICK D. YEGA Division Chief III, ANPPDD	
REVIEWED BY :	 JOSUE R. GUSUI Acting Department Manager, ANQMD	
SUBMITTED BY :	 LEANDRO K. VARQUEZ Department Manager III, ANPPDD	
RECOMMENDING APPROVAL :	 GARY M. JANJE Acting Chief, Air Navigation Service	
APPROVED BY :	 CAPT. MANUEL ANTONIO L. TAMAYO Director General CAAP	
SHEET NO. :	AFL-07 / 09 DATE: _____ 31 JAN 2025	

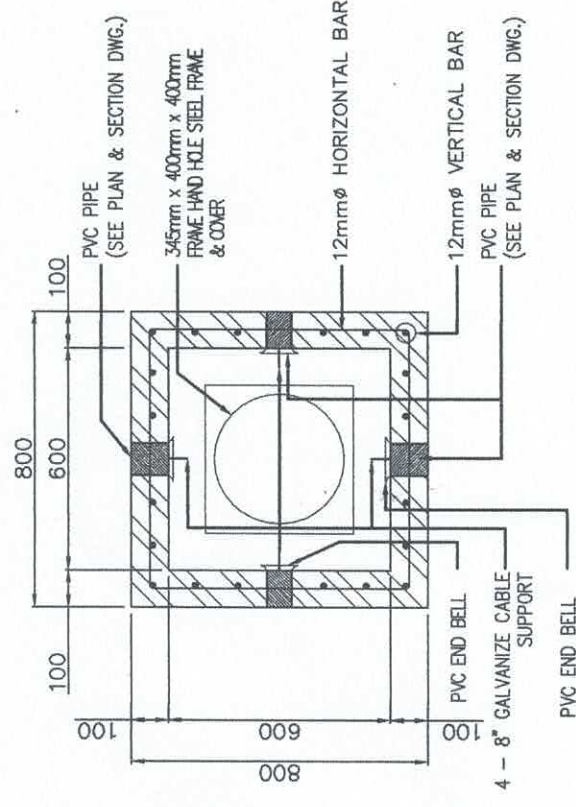


MAINTENANCE HOLE COVER LAYOUT

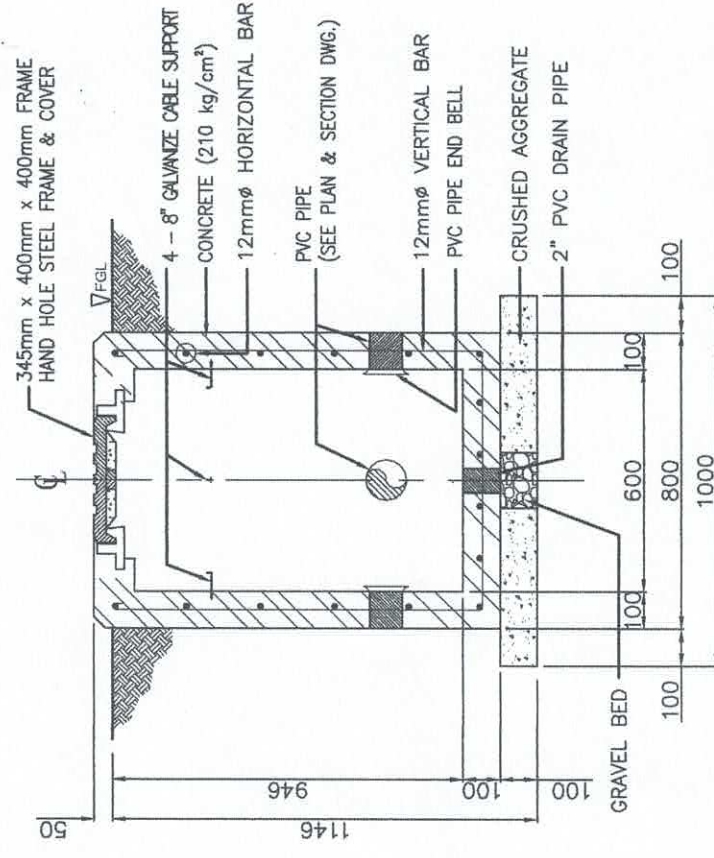
SCALE 1.75

NOTES:

1. MANHOLE COVER SHALL BE GRAY CAST IRON, CLASS 40 (HEAVY SECTIONS) CONFORMING TO ASTM A48-83.
2. MANHOLE COVER'S CONTACT-SURFACES OF COVER AND FRAME SHALL BE MACHINED LIGHTLY. BURRS FINISHED OFF.
3. MANHOLE COVER CASTING SHALL BE OF UNIFORM QUALITY. FREE FROM BLOW HOLES, POROSITY, HARD SPOTS SHRINKAGE DISTORTION, OR OTHER DEFECTS. FINISH PRODUCT MUST BE SMOOTH AND WELL CLEANED BY SHOT BLASTING OR OTHER APPROVED METHOD. ASPHALT PAINT SHALL BE APPLIED TO FINISHED CASTING AS FINAL COATING.
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS SPECIFIED.



PLAN



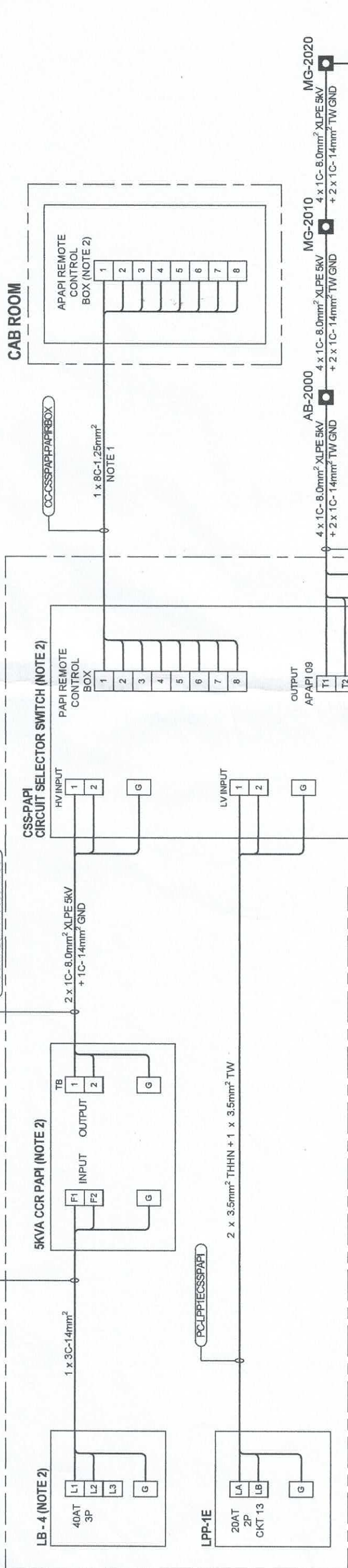
SECTION

DETAIL OF HANDHOLE

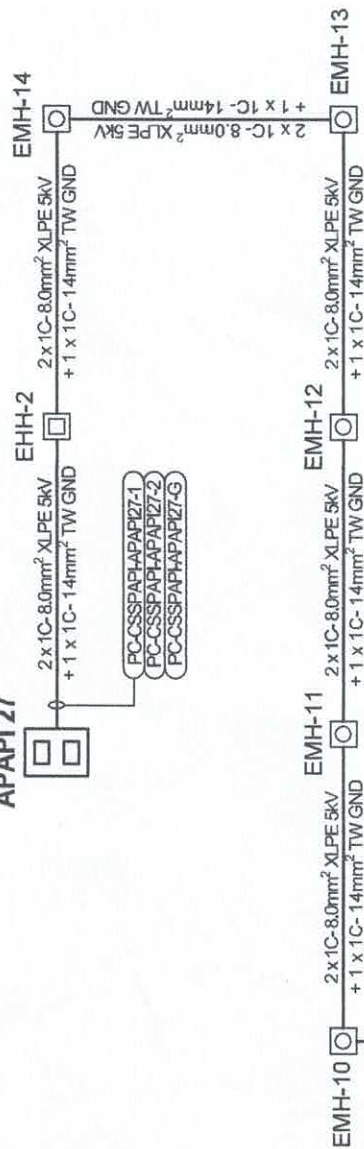
SCALE 1:20

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES	TITLE :	DESIGNED BY :	CHECKED BY :	REVIEWED BY :	SUBMITTED BY :	RECOMMENDING APPROVAL :	APPROVED BY :	SHEET NO. : AFL-08 / 09 DATE: 31 JAN 2025
	PURCHASE/INSTALLATION OF APAPI SYSTEMS & OTHER WORKS AT BAGUIO AIRPORT	WILMAR D. HABITAN TECHNICAL ASST., ANPPDD	RAFAEL RUSSEL H. FERNANDO CNSSO II, ANPPDD	JOSUE R. SUGUI Acting Department Manager, ANQMD	LEANDRO R. VARQUEZ Department Manager III, ANPPDD	GARY M. JADIE Acting Chief, Air Navigation Service	CAPT. MANUEL ANTONIO L. TAMAYO Director General, CAAP	

ELECTRICAL ROOM



APAPI 27



MG-2010

AB-2000



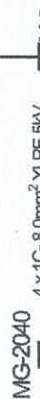
APAPI 09

EMH-1

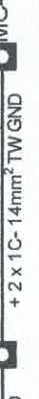


MG-2040

EMH-2



EMH-1



EMH-2



EMH-3



EMH-4



EMH-5



EMH-6



EMH-7



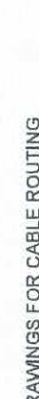
EMH-8



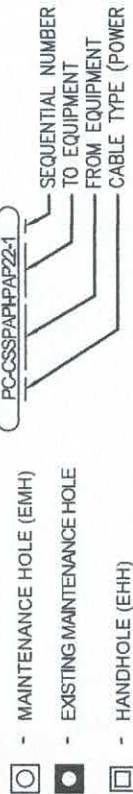
EMH-9



EMH-10



LEGEND:



WIRING DIAGRAM
SCALE
NTS

NOTES:

1. REFER TO AS-BUILT DRAWINGS FOR CABLE ROUTING OF EXISTING CONTROL CABLE.
2. ACTUAL CONNECTION SHALL BE VALIDATED BY THE CONTRACTOR AS PER EQUIPMENT SCHEMATIC DIAGRAM.
3. ALL WIRES & CABLE SHALL HAVE MARKERS ATTACHED ON BOTH SIDES OF EACH CONNECTOR AND AT ACCESS POINTS ENTERING OR LEAVING SUCH AS MANHOLES, HANDHOLES, ETC. AS PER ICAO DOC 9157 PART 5.

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES	TITLE:	DESIGNED BY:	CHECKED BY:	REVIEWED BY:	SUBMITTED BY:	RECOMMENDING APPROVAL:	APPROVED BY:	SHEET NO.:
	PURCHASE/INSTALLATION OF APAPI SYSTEMS & OTHER WORKS AT BAGUIO AIRPORT	WILMAR D. LABITAN TECHNICAL ASSISTANT, ANPPDD	ROBERTO D. VEGA Division Chief III, ANPPDD	JOSE R. SUSUI Acting Department Manager, ANCMD	LEANDRO R. VARQUEZ Department Manager III, ANPPDD	GARY M. JADIE Acting Chief, Air Navigation Service	CAPT. MANUEL ANTONIO L. TAMAYO Director General, CAAP	AFL-09 / 09 DATE: 31 JAN 2025