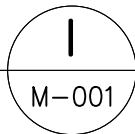


AIR COOLED CONDENSING UNITS - (SPLIT TYPE) INVERTER													
MARK	QTY.	DESCRIPTION	COOLING CAPACITY	MACHINE DATA			TOTAL KW INPUT	ELECTRICAL CHARACTERISTICS DATA			FCU SERVED	AREA SERVED	REMARKS
				COMPRESSOR TYPE	WEIGHT	HxWxD (mm)		VOLTS	PHASE	HERTZ			
ACCU GF-1	1	OUTDOOR UNIT HORIZONTAL DISCHARGE	7.1 KW	HERMETICALLY SEALED SWING TYPE	(40 KG)	(600x850x300)	7.1 KW	230	1	60	FCU GF-1	PANTRY	SIMILAR TO "DAIKIN" MODEL No. RKC50QVM OR ITS APPROVED EQUAL
ACCU GF-2	5	OUTDOOR UNIT HORIZONTAL DISCHARGE	7.1 KW	HERMETICALLY SEALED SWING TYPE	(40 KG)	(600x850x300)	7.1 KW	230	1	60	FCU GF-2	WORKING AREA	SIMILAR TO "DAIKIN" MODEL No. RKC71QVM OR ITS APPROVED EQUAL
ACCU 2F-1	3	OUTDOOR UNIT HORIZONTAL DISCHARGE	5.2 KW	HERMETICALLY SEALED SWING TYPE	(36 KG)	(600x850x300)	5.2 KW	230	1	60	FCU 2F-1	CONFERENCE, SERVER ROOM	SIMILAR TO "DAIKIN" MODEL No. RKC50QVM OR ITS APPROVED EQUAL
ACCU 2F-2	3	OUTDOOR UNIT HORIZONTAL DISCHARGE	7.1 KW	HERMETICALLY SEALED SWING TYPE	(40 KG)	(600x850x300)	7.1 KW	230	1	60	FCU 2F-2	DIRECTOR'S OFFICE, WORKING AREA	SIMILAR TO "DAIKIN" MODEL No. RKC71QVM OR ITS APPROVED EQUAL
ACCU 3F-1	3	OUTDOOR UNIT HORIZONTAL DISCHARGE	5.2 KW	HERMETICALLY SEALED SWING TYPE	(36 KG)	(600x850x300)	5.2 KW	230	1	60	FCU 3F-1	TRANSIENT ROOM	SIMILAR TO "DAIKIN" MODEL No. RKC50QVM OR ITS APPROVED EQUAL
ACCU 3F-2	3	OUTDOOR UNIT HORIZONTAL DISCHARGE	7.1 KW	HERMETICALLY SEALED SWING TYPE	(40 KG)	(600x850x300)	7.1 KW	230	1	60	FCU 3F-2	LOUNGE, HALLWAY, LOBBY	SIMILAR TO "DAIKIN" MODEL No. RKC71QVM OR ITS APPROVED EQUAL
ACCU 3F-3	2	OUTDOOR UNIT HORIZONTAL DISCHARGE	5.2 KW	HERMETICALLY SEALED SWING TYPE	(36 KG)	(600x850x300)	5.2 KW	230	1	60	FCU 3F-3	MEDIA ROOM	SIMILAR TO "DAIKIN" MODEL No. RKC50QVM OR ITS APPROVED EQUAL
ACCU 3F-3	2	OUTDOOR UNIT HORIZONTAL DISCHARGE	5.2 KW	HERMETICALLY SEALED SWING TYPE	(36 KG)	(600x850x300)	5.2 KW	230	1	60	FCU 3F-3	HEARING ROOM 1	SIMILAR TO "DAIKIN" MODEL No. RKC50QVM OR ITS APPROVED EQUAL
ACCU 3F-3	2	OUTDOOR UNIT HORIZONTAL DISCHARGE	5.2 KW	HERMETICALLY SEALED SWING TYPE	(36 KG)	(600x850x300)	5.2 KW	230	1	60	FCU 3F-3	HEARING ROOM 2	SIMILAR TO "DAIKIN" MODEL No. RKC50QVM OR ITS APPROVED EQUAL
ACCU 4F-1	2	OUTDOOR UNIT HORIZONTAL DISCHARGE	10.0 KW	HERMETICALLY SEALED SWING TYPE	(73 KG)	(1000x950x320)	10.0 KW	230	1	60	ACCU 4F-1	MULTIPURPOSE HALL TOP	SIMILAR TO "DAIKIN" MODEL No. RZF100CVM OR ITS APPROVED EQUAL
ACCU 4F-1	3	OUTDOOR UNIT HORIZONTAL DISCHARGE	10.0 KW	HERMETICALLY SEALED SWING TYPE	(73 KG)	(1000x950x320)	10.0 KW	230	1	60	ACCU 4F-1	MULTIPURPOSE HALL MIDDLE	SIMILAR TO "DAIKIN" MODEL No. RZF100CVM OR ITS APPROVED EQUAL
ACCU 4F-1	2	OUTDOOR UNIT HORIZONTAL DISCHARGE	10.0 KW	HERMETICALLY SEALED SWING TYPE	(73 KG)	(1000x950x320)	10.0 KW	230	1	60	FCU 4F-1	MULTIPURPOSE HALL BOTTOM	SIMILAR TO "DAIKIN" MODEL No. RZF100CVM OR ITS APPROVED EQUAL
ACCU 4F-2	1	OUTDOOR UNIT HORIZONTAL DISCHARGE	5.2 KW	HERMETICALLY SEALED SWING TYPE	(36 KG)	(600x850x300)	5.2 KW	230	1	60	FCU 4F-2	SERVICE ROOM	SIMILAR TO "DAIKIN" MODEL No. RKC50QVM OR ITS APPROVED EQUAL

WINDOW TYPE AIR-CONDITION													
MARK	QTY.	DESCRIPTION	COOLING CAPACITY	MACHINE DATA			TOTAL KW INPUT	ELECTRICAL CHARACTERISTICS DATA				AREA SERVED	REMARKS
				COMPRESSOR TYPE	WEIGHT (KG)	HxWxD (mm)		VOLTS	PHASE	HERTZ			
MB113	1	WALL MOUNTED	2 KW	ROTARY	27	(446x534x588)	0.74 KW	230	1	60		MACHINE ROOM	SIMILAR TO "CARRIER" MODEL No. WCARZ010EC1 OR ITS APPROVED EQUAL

FAN COIL UNITS - (SPLIT TYPE) INVERTER													
MARK	QTY.	DESCRIPTION	CAPACITY KW	AREA SERVED	REFRIGERANT PIPE SIZE		WEIGHT KG	SUPPLY AIR (CFM)	ELECTRICAL CHARACTERISTICS				REMARKS
					RGL	RLL			VOLTS	PHASE	HERTZ		
FCU GF-1	1	INDOOR UNIT WALL MOUNTED	7.1 KW	PANTRY	15.9	6.4	13	600	230	1	60		SIMILAR TO "DAIKIN" MODEL No. FTKC71QVM OR ITS APPROVED EQUAL
FCU GF-2	5	INDOOR UNIT WALL MOUNTED	7.1 KW	WORKING AREA	15.9	6.4	13	600	230	1	60		SIMILAR TO "DAIKIN" MODEL No. FTKC71QVM OR ITS APPROVED EQUAL
FCU 2F-1	3	INDOOR UNIT WALL MOUNTED	5.2 KW	CONFERENCE, SERVER ROOM	12.7	6.4	13	590	230	1	60		SIMILAR TO "DAIKIN" MODEL No. FTKC50QVM OR ITS APPROVED EQUAL
FCU 2F-2	3	INDOOR UNIT WALL MOUNTED	7.1 KW	DIRECTOR'S OFFICE, WORKING AREA	15.9	6.4	13	600	230	1	60		SIMILAR TO "DAIKIN" MODEL No. FTKC71QVM OR ITS APPROVED EQUAL
FCU 3F-1	3	INDOOR UNIT WALL MOUNTED	5.2 KW	TRANSIENT ROOM	12.7	6.4	13	590	230	1	60		SIMILAR TO "DAIKIN" MODEL No. FTKC50QVM OR ITS APPROVED EQUAL
FCU 3F-2	3	INDOOR UNIT WALL MOUNTED	7.1 KW	LOUNGE	15.9	6.4	13	600	230	1	60		SIMILAR TO "DAIKIN" MODEL No. FTKC71QVM OR ITS APPROVED EQUAL
FCU 3F-3	2	INDOOR UNIT WALL MOUNTED	5.2 KW	MEDIA ROOM	12.7	6.4	13	590	230	1	60		SIMILAR TO "DAIKIN" MODEL No. FTKC50QVM OR ITS APPROVED EQUAL
FCU 3F-3	2	INDOOR UNIT WALL MOUNTED	5.2 KW	HEARING ROOM 1	12.7	6.4	13	590	230	1	60		SIMILAR TO "DAIKIN" MODEL No. FTKC50QVM OR ITS APPROVED EQUAL
FCU 3F-3	2	INDOOR UNIT WALL MOUNTED	5.2 KW	HEARING ROOM 2	9.5	6.4	8	381	230	1	60		SIMILAR TO "DAIKIN" MODEL No. FTKC50QVM OR ITS APPROVED EQUAL
ACCU 4F-1	2	INDOOR UNIT CEILING SUSPENDED	10.0 KW	MULTIPURPOSE HALL TOP	15.9	9.5	38	900	230	1	60		SIMILAR TO "DAIKIN" MODEL No. FHA100BVMA OR ITS APPROVED EQUAL
ACCU 4F-1	3	INDOOR UNIT CEILING SUSPENDED	10.0 KW	MULTIPURPOSE HALL MIDDLE	15.9	9.5	38	900	230	1	60		SIMILAR TO "DAIKIN" MODEL No. FHA100BVMA OR ITS APPROVED EQUAL
FCU 4F-1	2	INDOOR UNIT CEILING SUSPENDED	10.0 KW	MULTIPURPOSE HALL BOTTOM	15.9	9.5	38	900	230	1	60		SIMILAR TO "DAIKIN" MODEL No. FHA100BVMA OR ITS APPROVED EQUAL
FCU 4F-2	1	INDOOR UNIT WALL MOUNTED	5.2 KW	SERVICE ROOM	12.7	6.4	13	590	230	1	60		SIMILAR TO "DAIKIN" MODEL No. FTKC50QVM OR ITS APPROVED EQUAL

RANGE HOOD SCHEDULE							REMARKS
MARK	QTY	AREA SERVED	CAPACITY		ELECTRICAL DATA		
			CFM	(CMH)	KW INPUT	V/PH/HZ	
RH 1	1	Kitchen / Pantry	273-458	(464-778)	0.13	230/1/60	SIMILAR TO KDK (MODEL 90HQUA) APPROVED OR EQUAL



EQUIPMENT SCHEDULE

SCALE

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 Securities and Exchange Commission P H I L I P P I N E S	CHECKED AND SUBMITTED BY				PROJECT TITLE/LOCATION				RECOMMENDING APPROVAL		APPROVED BY		SHEET CONTENTS		R.A. 9266 SEC. 33		CADD	DATE	NO.	REVISIONS	CHK	DATE	PAPER SIZE	SHEET NO.
	ALDEN C. ONG M.Eng., ASEP SEC-HTC				PROPOSED RETROFITTING AND RENOVATION OF THE SEC DAVAO EXTENSION OFFICE				VHINCENT G. CAÑARES SEC DIRECTOR, MSD		JAVEY PAUL D. FRANCISCO COMMISSIONER		EQUIPMENT SCHEDULE		DRAWINGS AND SPECIFICATIONS AND CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS FOR SERVICE ARE THE INTELLECTUAL PROPERTY AND DOCUMENTS OF ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR AUTHOR OF SAID DOCUMENTS.		JFT	JUL 2024					20X30	M-001
																	DESIGNED	DATE					SCALE	PROJECT NO.
																	JLDA	JUL 2024						
																	APPROVED	DATE					AS SHOWN	DE-G-24-006
				REG. NO.: 68251 TIN NO. : 168-950-786 PTR NO. : 10077889 DATE : JANUARY 05, 2024 PLACE : MAKATI CITY				ARTHUR Q. MERILLO JR. PROFESSIONAL MECHANICAL ENGINEER				UNIVERSITY AVENUE, JUNA SUBDIVISION MATINA, DAVAO CITY												

FRESH AIR / EXHAUST / TOILET EXHAUST FAN SCHEDULE												
MARK	QTY	DESCRIPTION	AIR CAPACITY		ELECTRICAL CHARACTERISTICS				DRIVE TYPE	TSP (in. H2O)	AREA SERVED	REMARKS
			CFM	(CMH)	W	VOLTS	PHASE	HERTZ				
TEF GF-1	2	WALL MOUNT TYPE VENTILATION FAN	150	255	52	230	1	60	DIRECT	-	RESTROOMS	Complete With Standard Accessories & Components Awning Shutter & Rear Guard
EF GF-1	3	WALL MOUNT TYPE VENTILATION FAN	150	255	52	230	1	60	DIRECT	-	RECORDS ROOM, STORAGE ROOM	
FAF GF-1	1	WALL MOUNT TYPE VENTILATION FAN	150	255	52	230	1	60	DIRECT	-	PANTRY	
EF GF-2	2	WALL MOUNT TYPE VENTILATION FAN	103	175	9	230	1	60	ac	-	LACTATION ROOM, STORAGE	
TEF GF-2	1	CEILING MOUNTED DUCTED TYPE	112	190	22	230	1	60	DIRECT	-	PWD	
EF 2F-1	2	WALL MOUNT TYPE VENTILATION FAN	103	175	9	230	1	60	DIRECT	-	PANTRY, FILE ROOM	
TEF 2F-1	2	WALL MOUNT TYPE VENTILATION FAN	150	255	52	230	1	60	DIRECT	-	RESTROOMS	
TEF 2F-2	1	CEILING MOUNTED DUCTED TYPE	112	190	22	230	1	60	DIRECT	-	PWD	
TEF 2F-3	1	WALL MOUNT TYPE VENTILATION FAN	103	175	9	230	1	60	DIRECT	-	T&B	
TEF 3F-1	2	WALL MOUNT TYPE VENTILATION FAN	150	255	52	230	1	60	DIRECT	-	RESTROOMS	
TEF 3F-2	3	CEILING MOUNTED DUCTED TYPE	112	190	22	230	1	60	DIRECT	-	PWD	
TEF 3F-3	1	WALL MOUNT TYPE VENTILATION FAN	103	175	9	230	1	60	DIRECT	-	T&B	
EF 3F-1	1	CEILING MOUNTED DUCTED TYPE	112	190	22	230	1	60	DIRECT	-	PANTRY	
TEF 4F-1	2	WALL MOUNT TYPE VENTILATION FAN	150	255	52	230	1	60	DIRECT	-	RESTROOMS	
TEF 4F-2	3	CEILING MOUNTED DUCTED TYPE	112	190	22	230	1	60	DIRECT	-	PWD, TOILETS	
EF 4F-1	1	CEILING MOUNTED DUCTED TYPE	112	190	22	230	1	60	DIRECT	-	PANTRY	

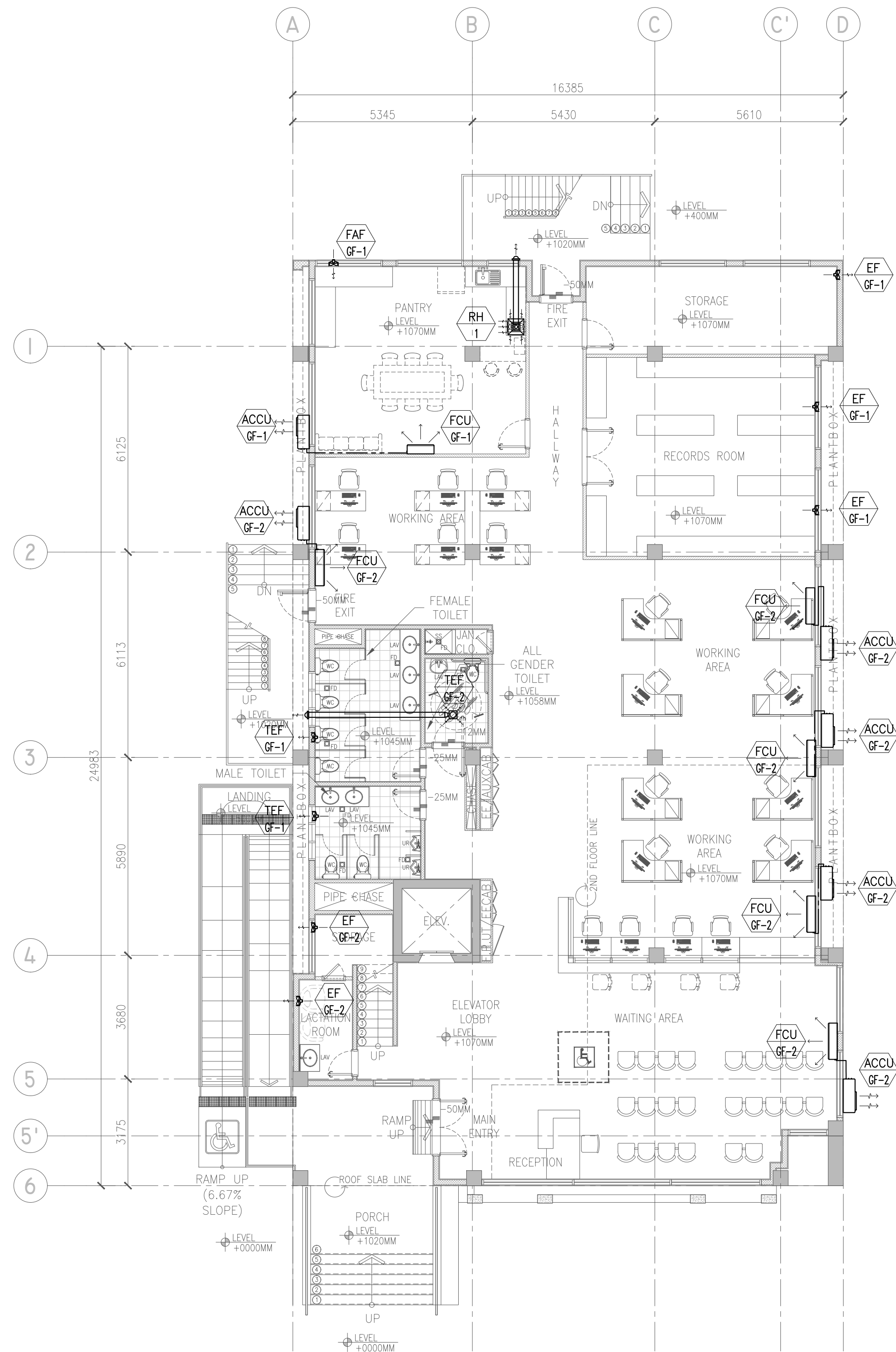
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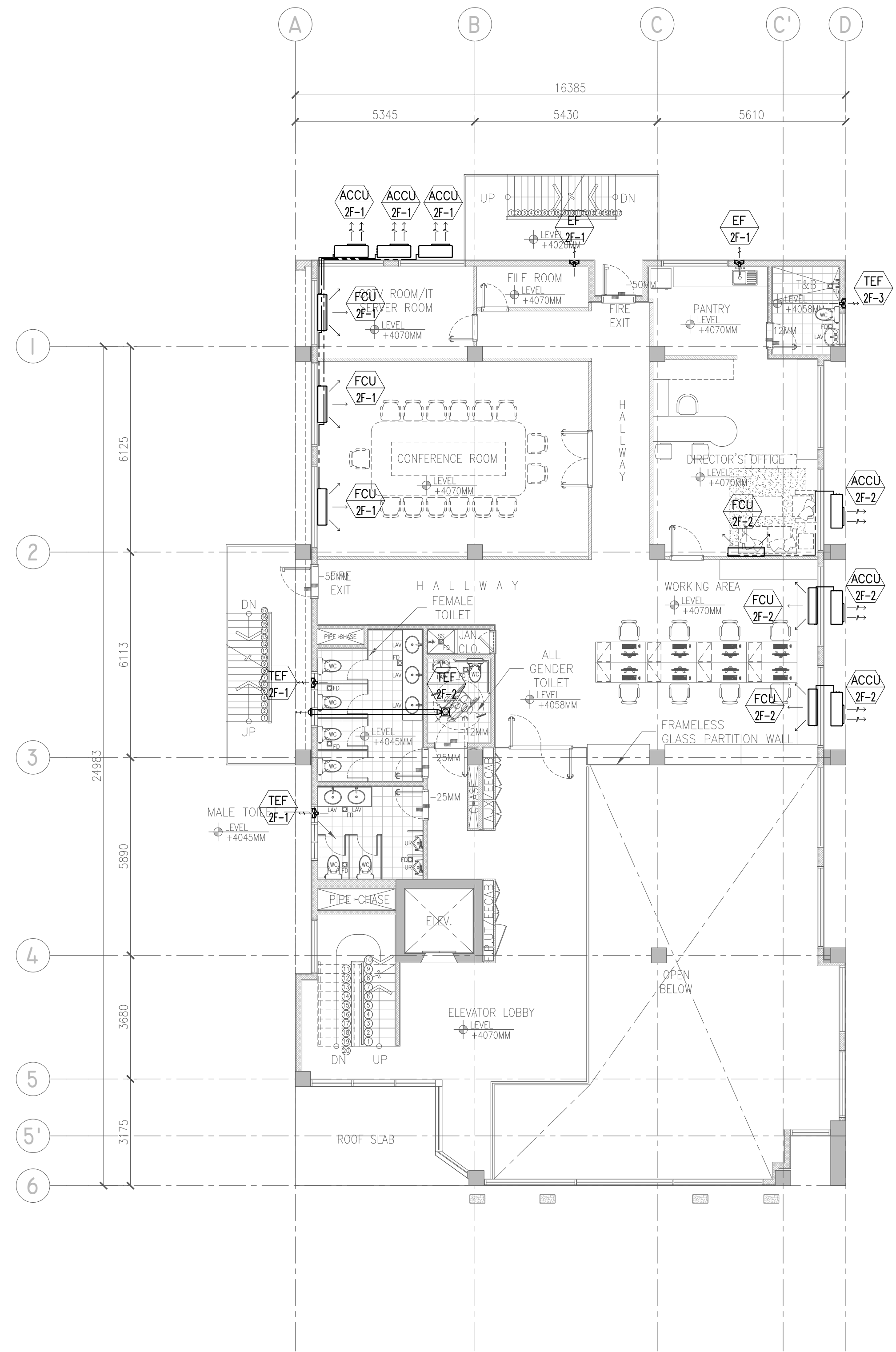
EQUIPMENT SCHEDULE

SCALE

NTS

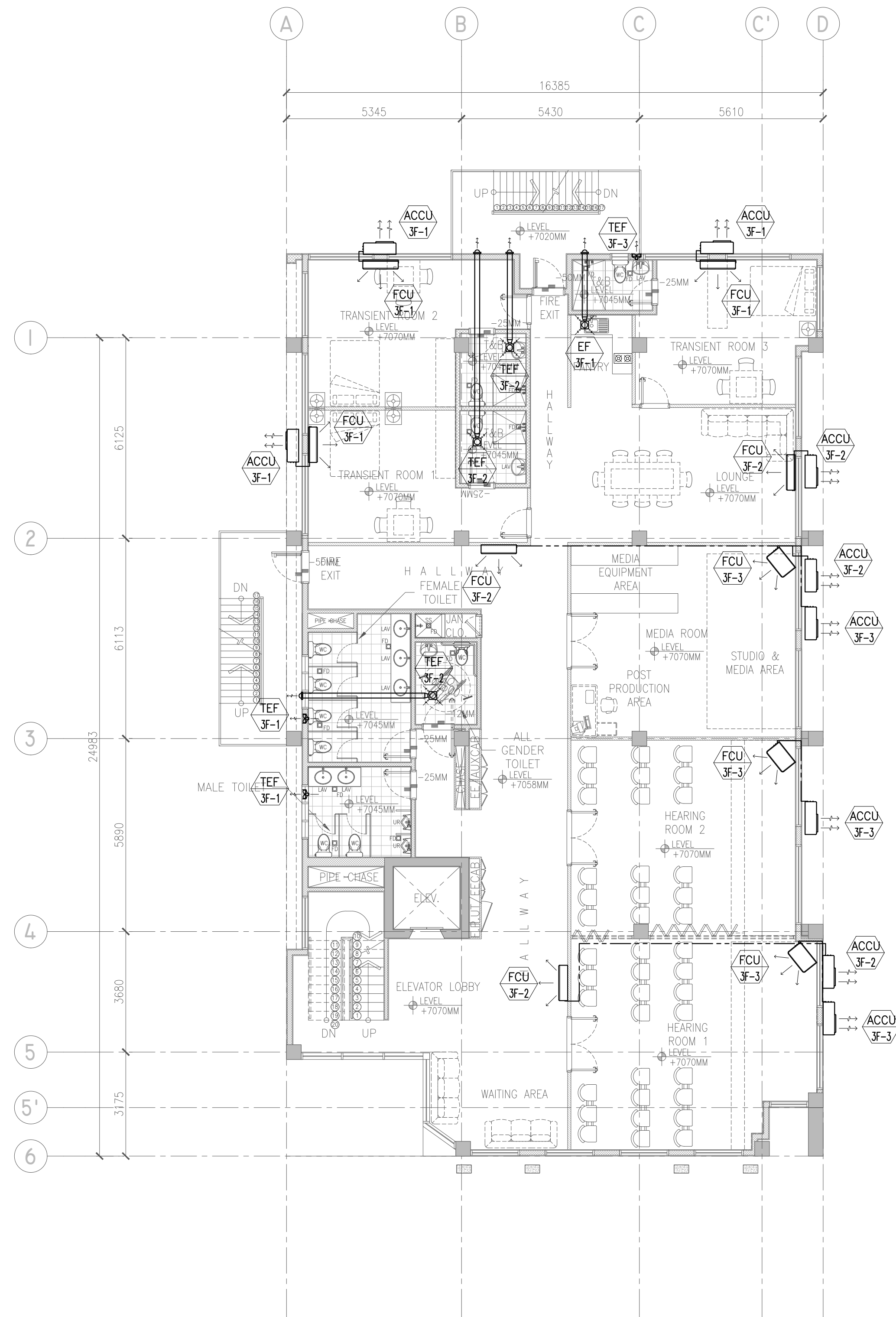


1 GROUND FLOOR AIR CONDITIONING AND VENTILATION LAYOUT
M-003 SCALE 1:100M

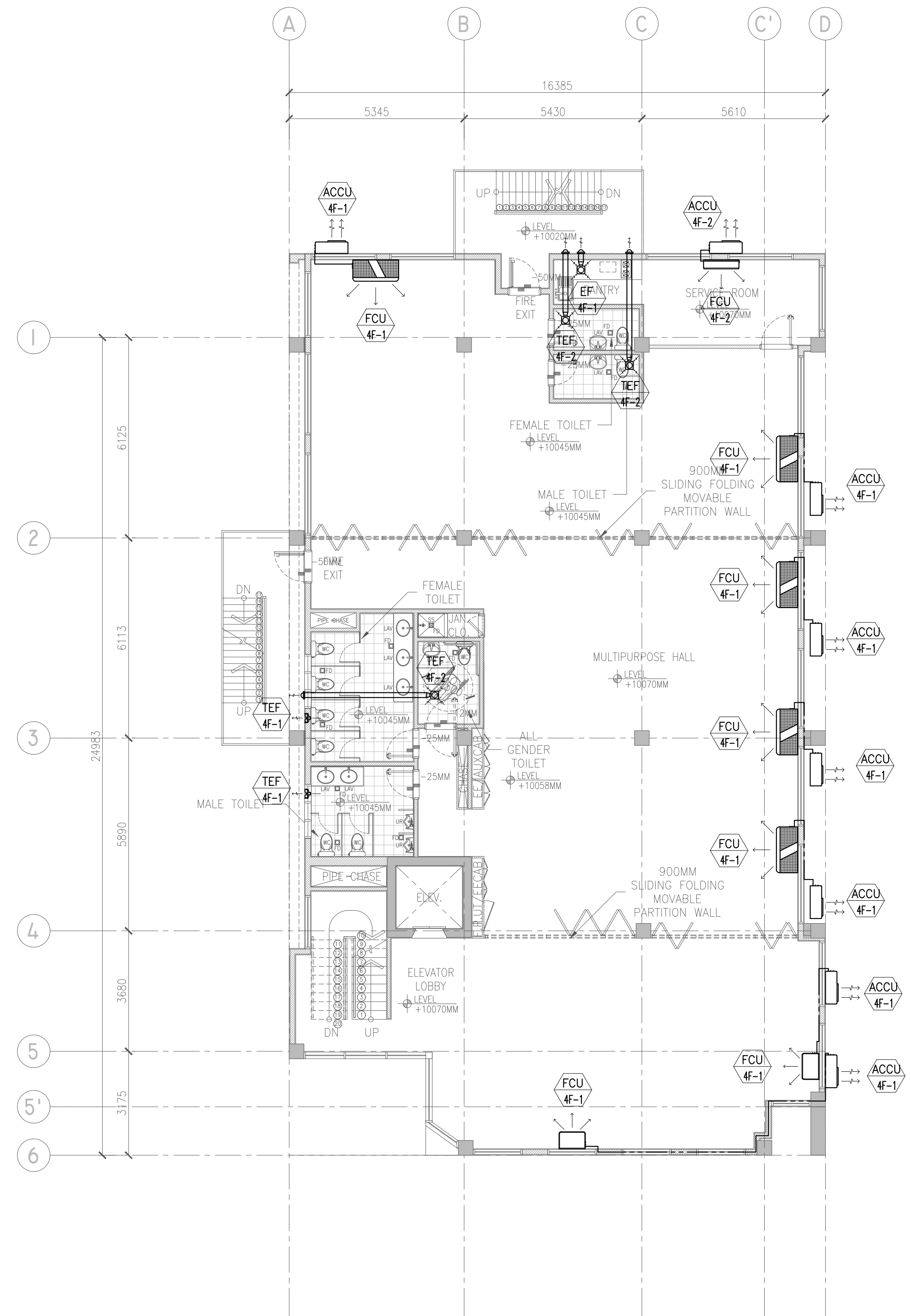


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M-003 SCALE 1:100M

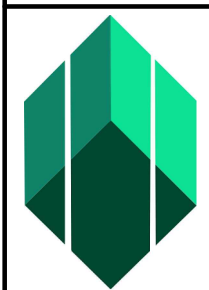
 Securities and Exchange Commission P H I L I P P I N E S	CHECKED AND SUBMITTED BY			PROJECT TITLE/LOCATION		RECOMMENDING APPROVAL		APPROVED BY		SHEET CONTENTS		R.A. 9266 SEC. 33		CADD	DATE	NO.	REVISIONS	CHK	DATE	PAPER SIZE	SHEET NO.	
	ALDEN C. ONG M.Eng., ASEP SEC-HTC		REG. NO.: 68251	PROPOSED RETROFITTING AND RENOVATION OF THE SEC DAVAO EXTENSION OFFICE UNIVERSITY AVENUE, JUNA SUBDIVISION MATINA, DAVAO CITY		VHINCENT G. CAÑARES SEC DIRECTOR, MSD		JAVEY PAUL D. FRANCISCO COMMISSIONER		GROUND FLOOR AIR CONDITIONING AND VENTILATION LAYOUT SECOND FLOOR AIR CONDITIONING AND VENTILATION LAYOUT		DRAWINGS AND SPECIFICATIONS AND CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS FOR SERVICE ARE THE INTELLECTUAL PROPERTY AND DOCUMENTS OF ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON 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, WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR AUTHOR OF SAID DOCUMENTS.		JFT	JUL 2024					20X30	M-003	
			TIN NO. : 168-950-786																			
			PTR NO. : 10077889											ARTHUR Q. MERILLO JR.							SCALE	PROJECT NO.
			DATE : JANUARY 05, 2024											PROFESSIONAL MECHANICAL ENGINEER							APPROVED	DATE
		PLACE : MAKATI CITY											LLG	JUL 2024					AS SHOWN	DE-G-24-006		



1 THIRD FLOOR AIR CONDITIONING AND VENTILATION LAYOUT
M-004 SCALE 1:100M



2 FOURTH FLOOR AIR CONDITIONING AND VENTILATION LAYOUT
M-004 SCALE 1:100M



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UNIVERSITY AVENUE, JUNA SUBDIVISION MATINA, DAVAO CITY

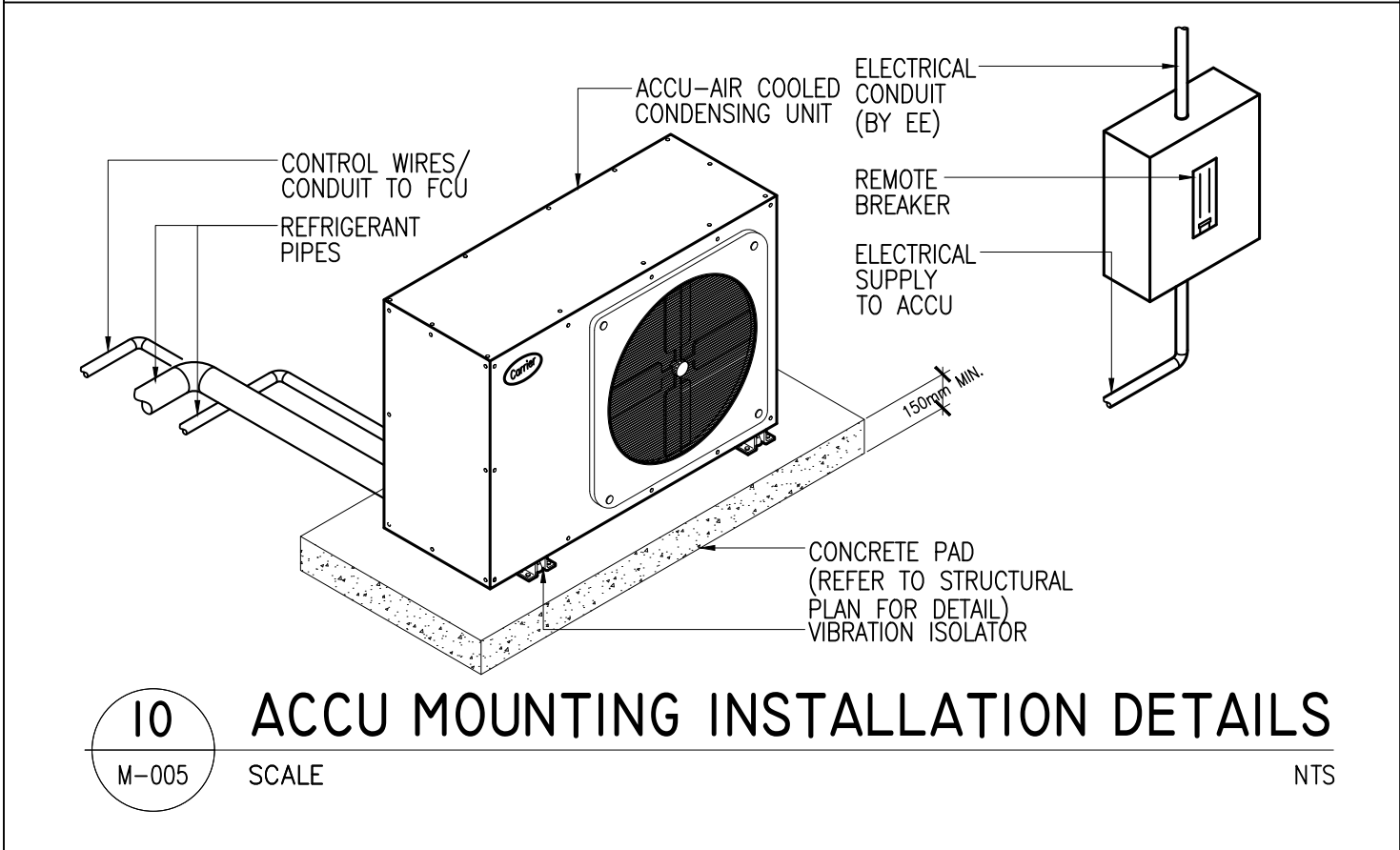
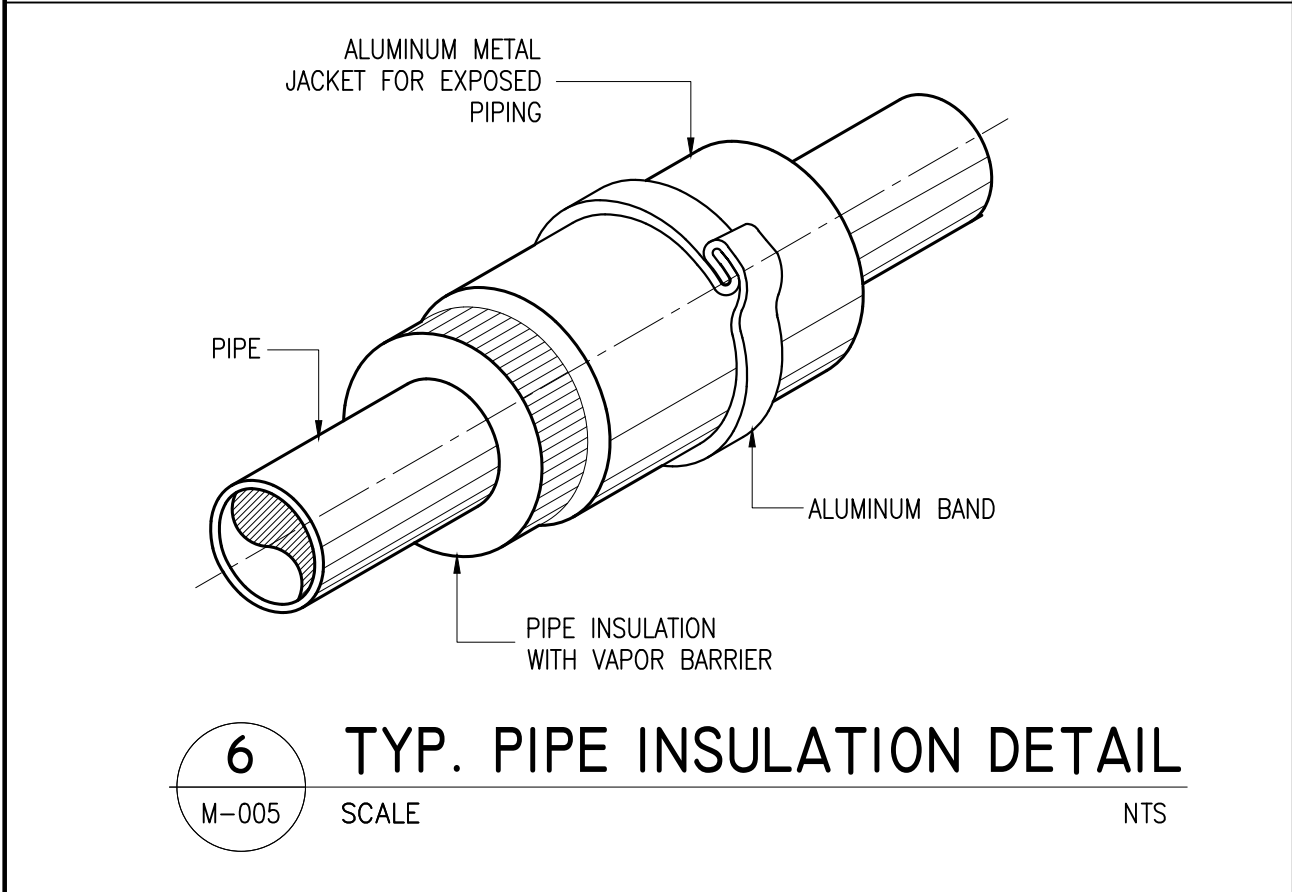
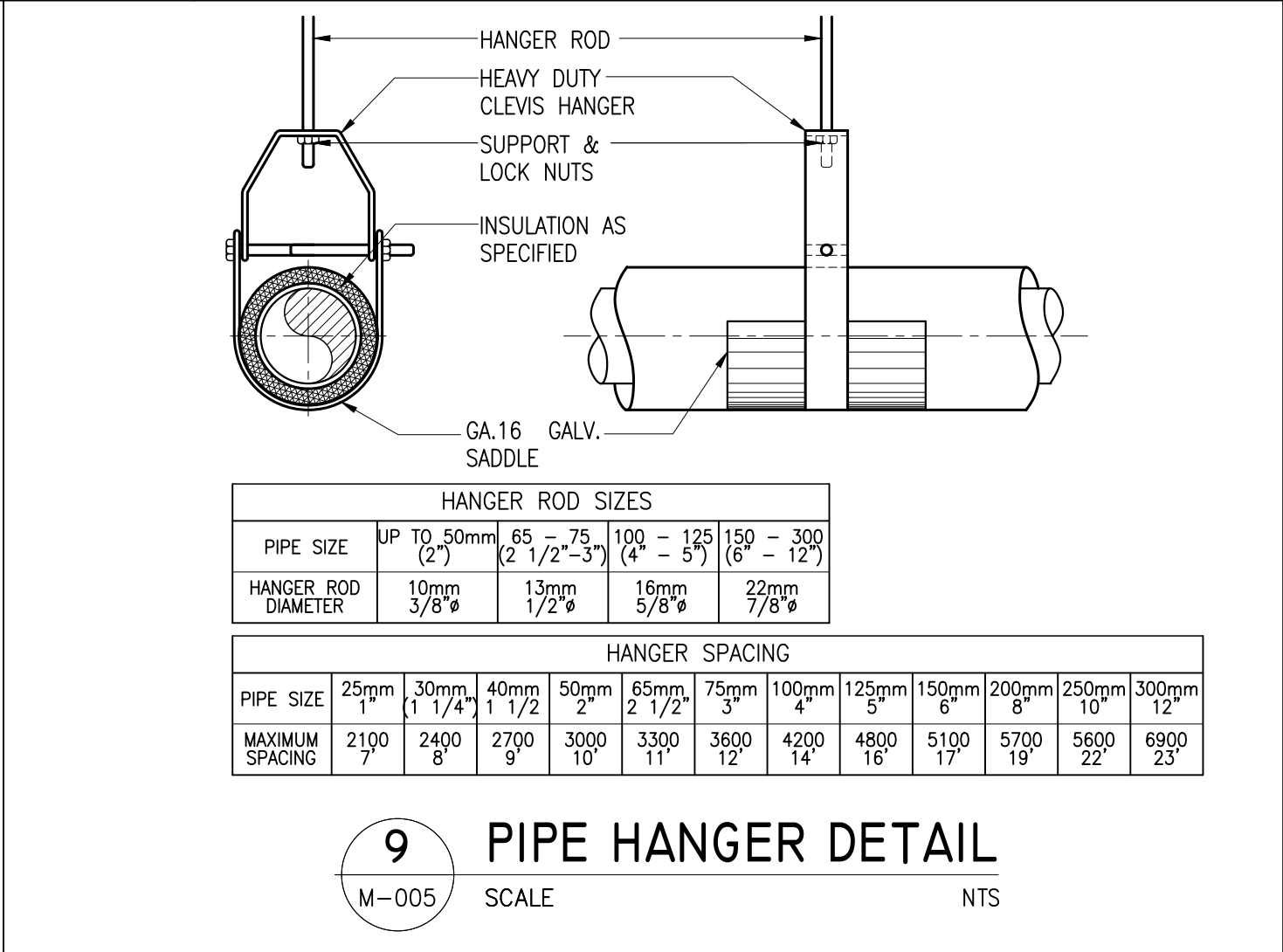
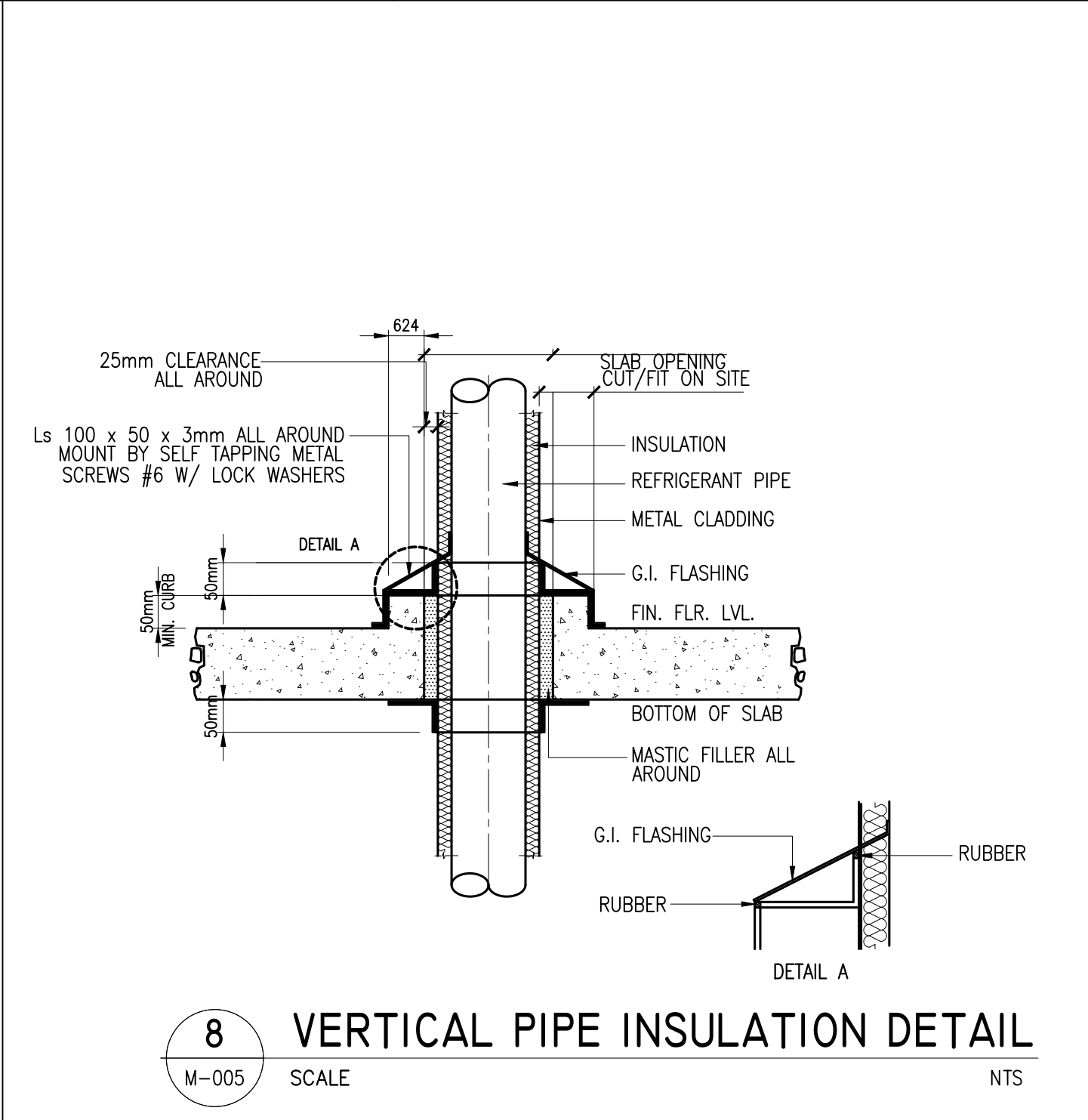
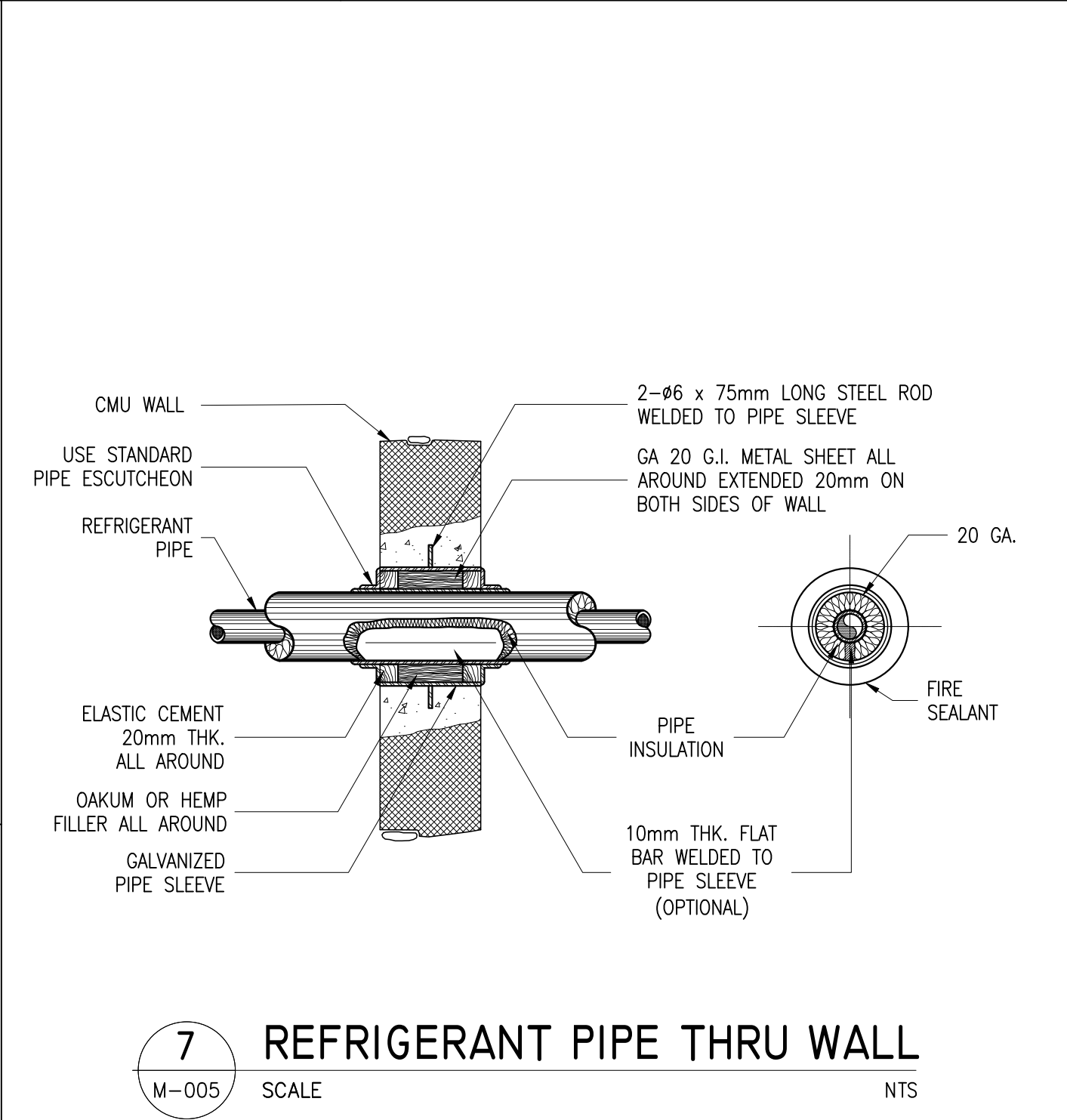
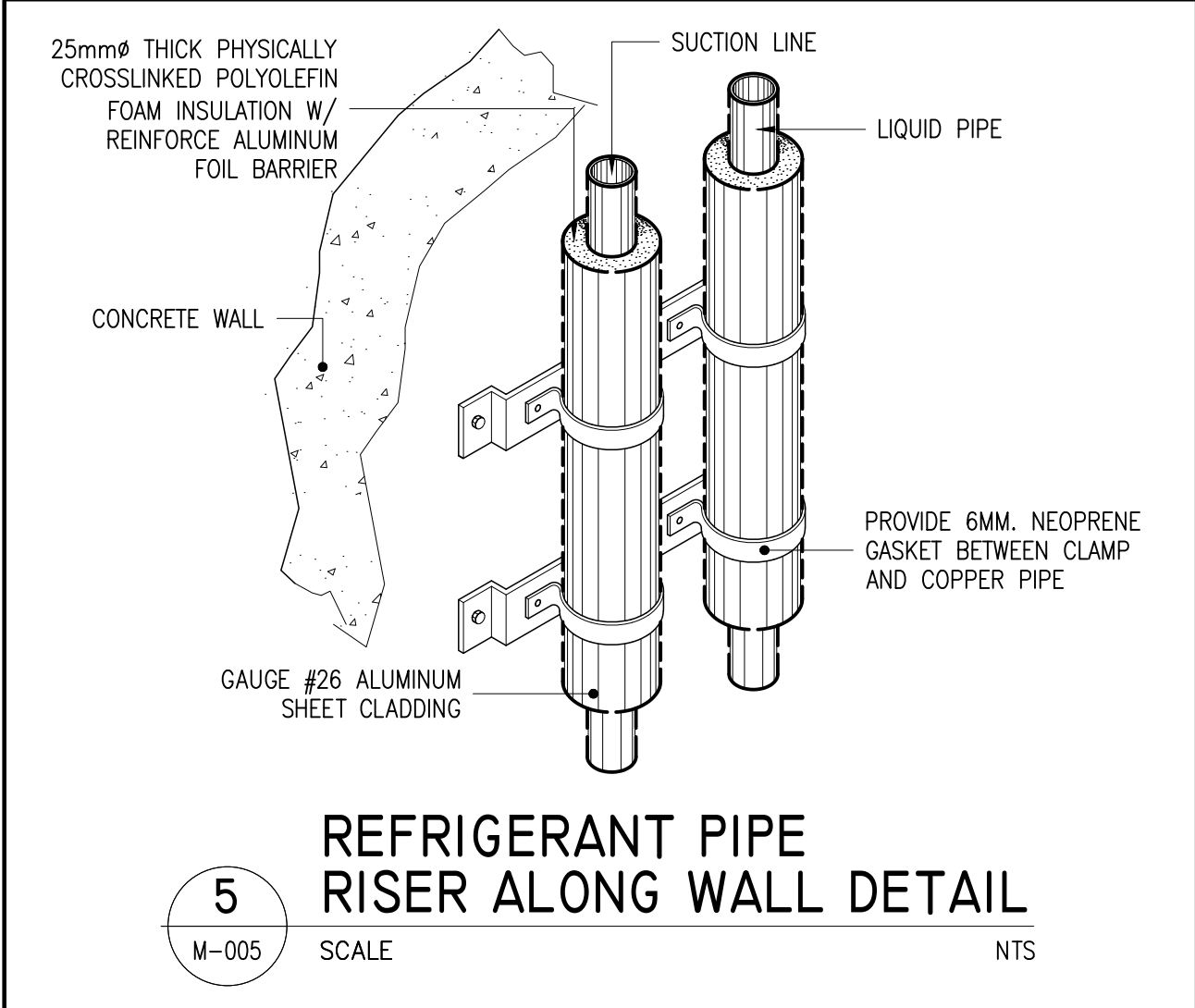
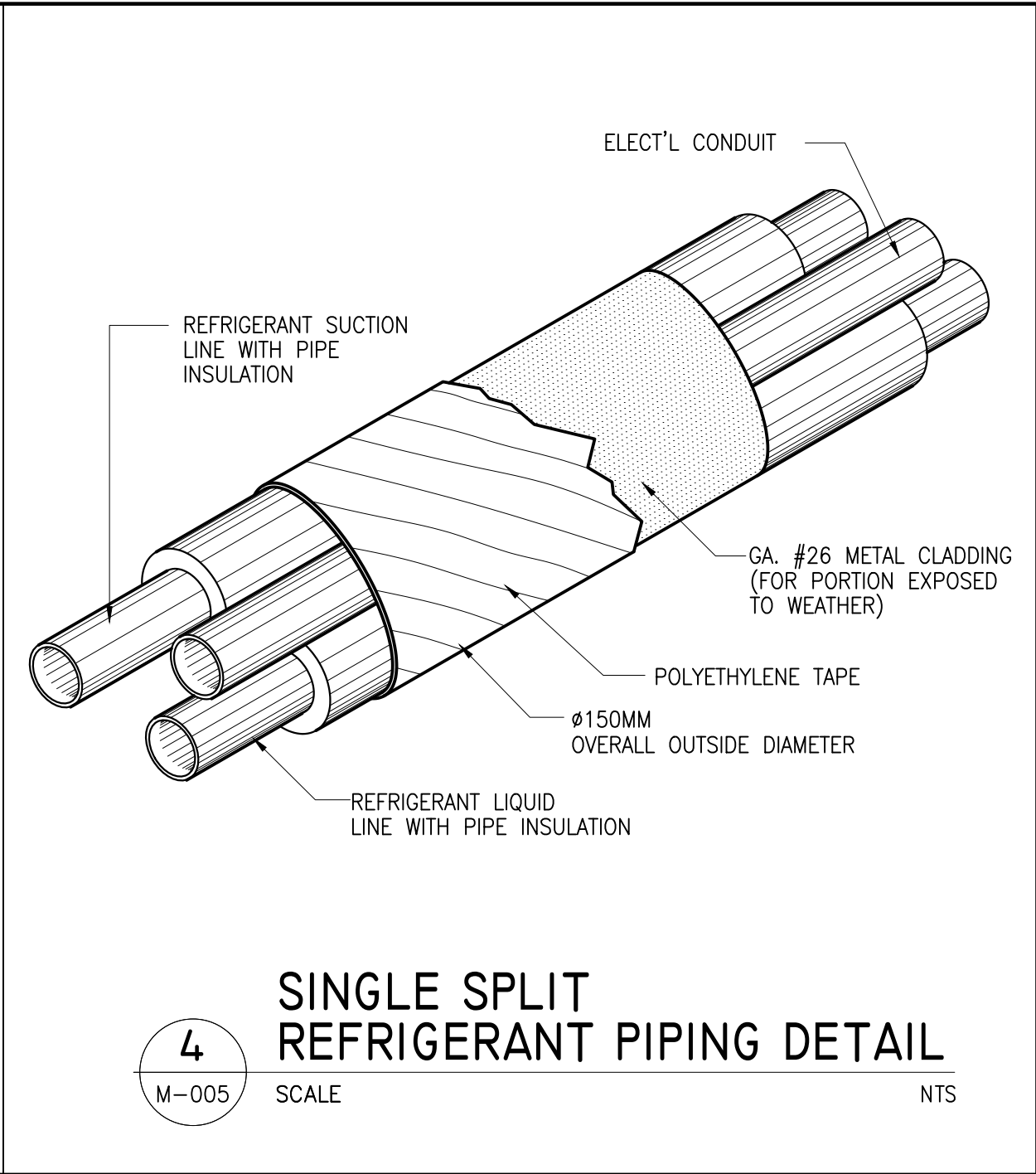
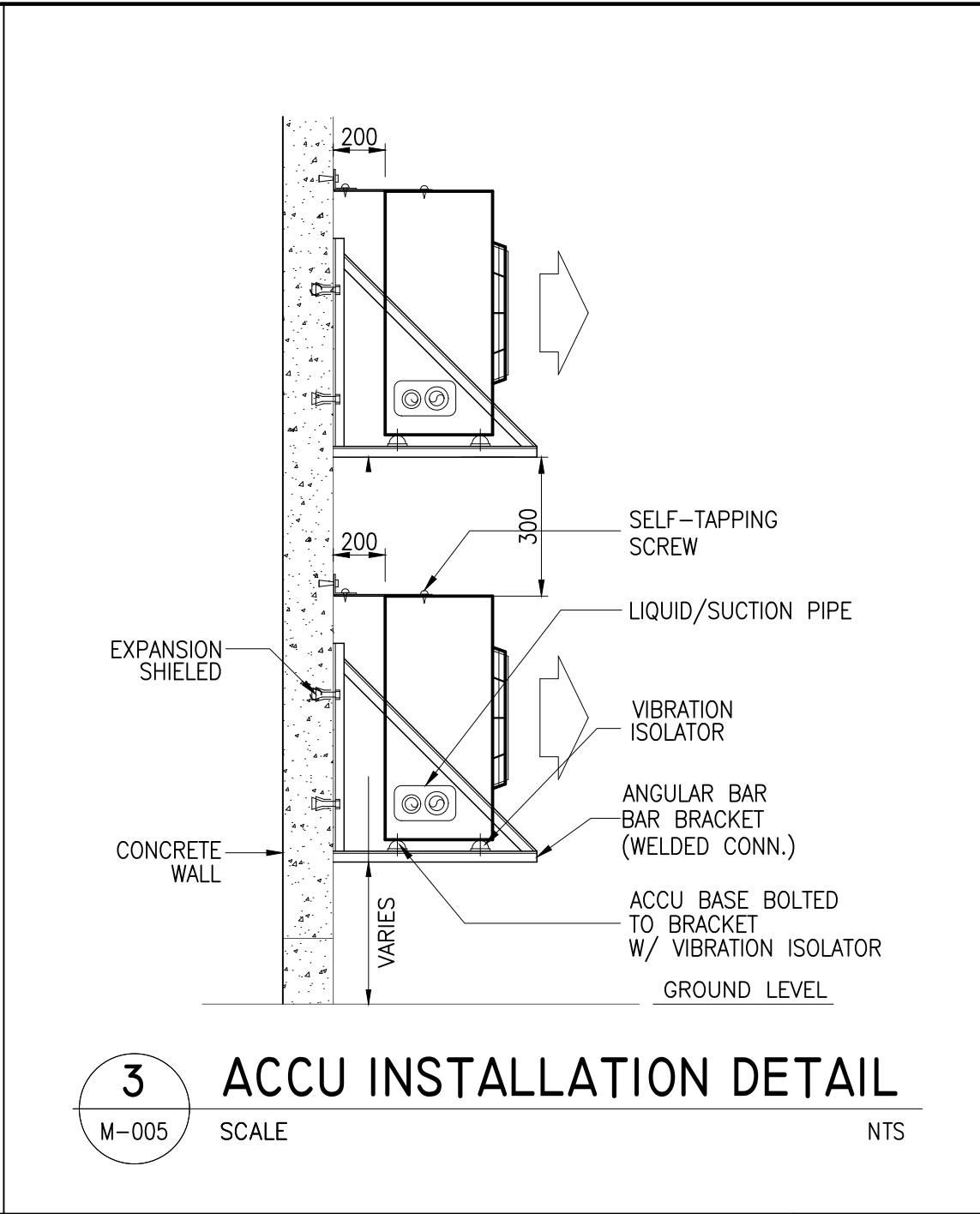
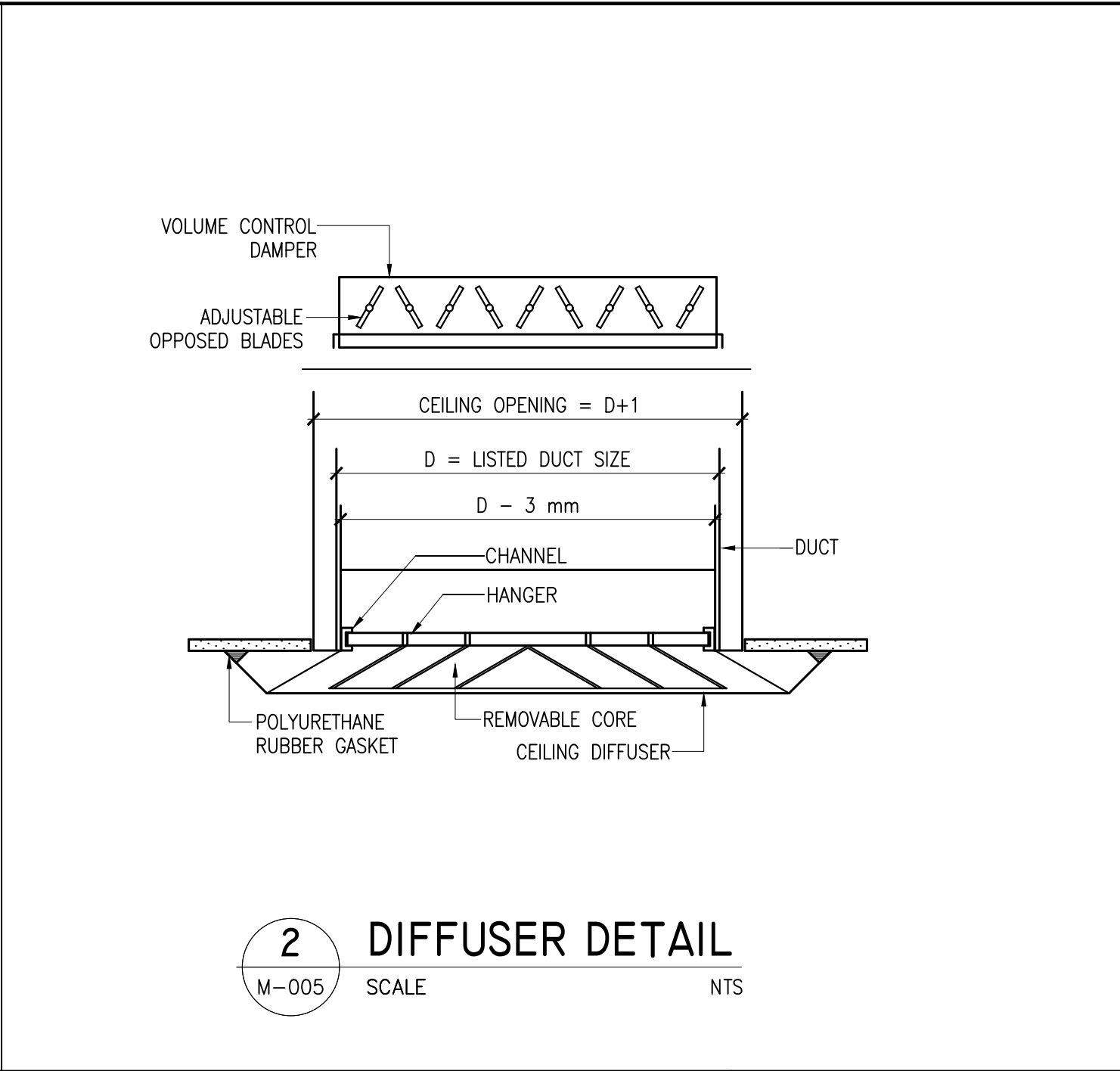
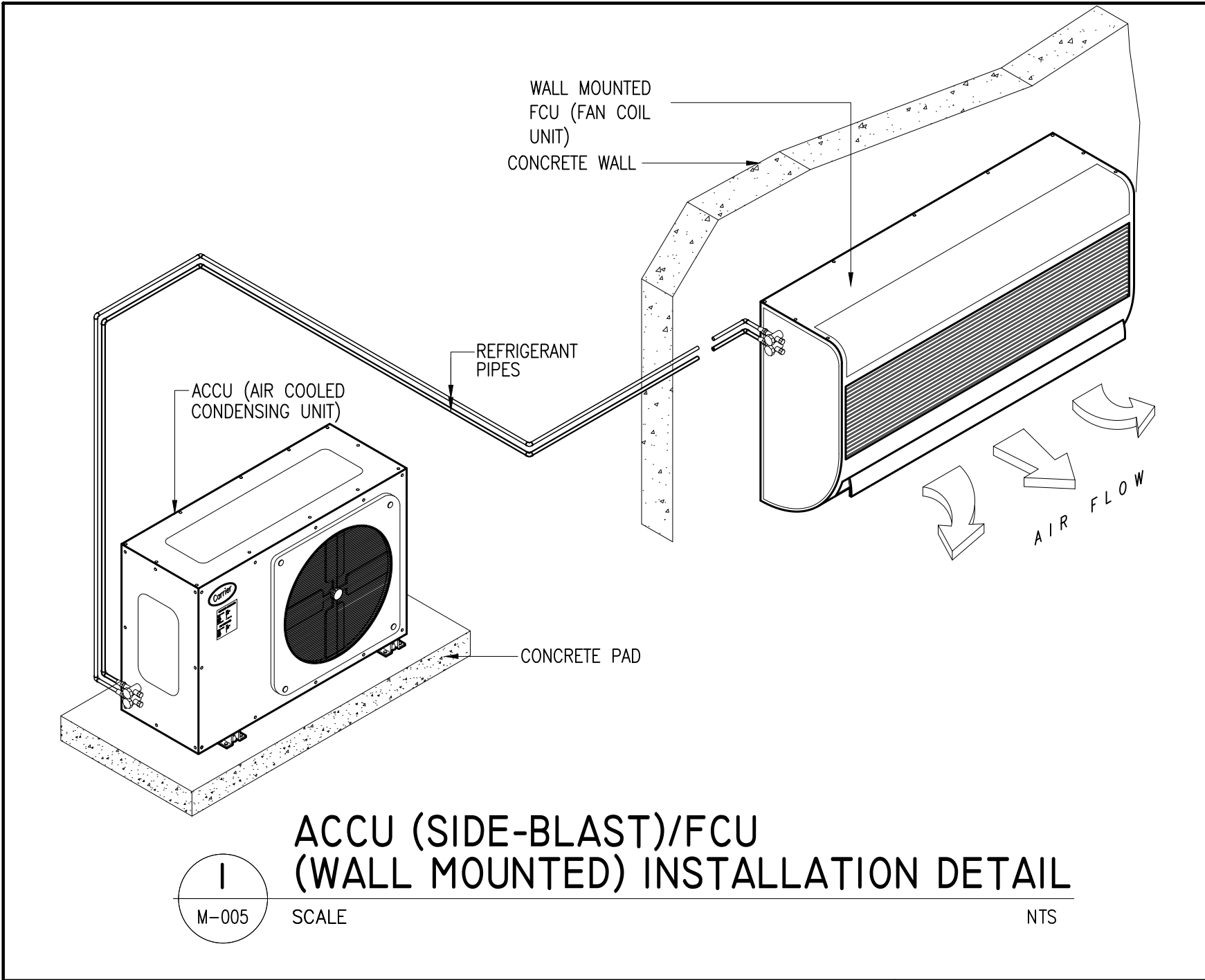
RECOMMENDING APPROVAL
VHINCENT G. CAÑARES
SEC DIRECTOR, MSD

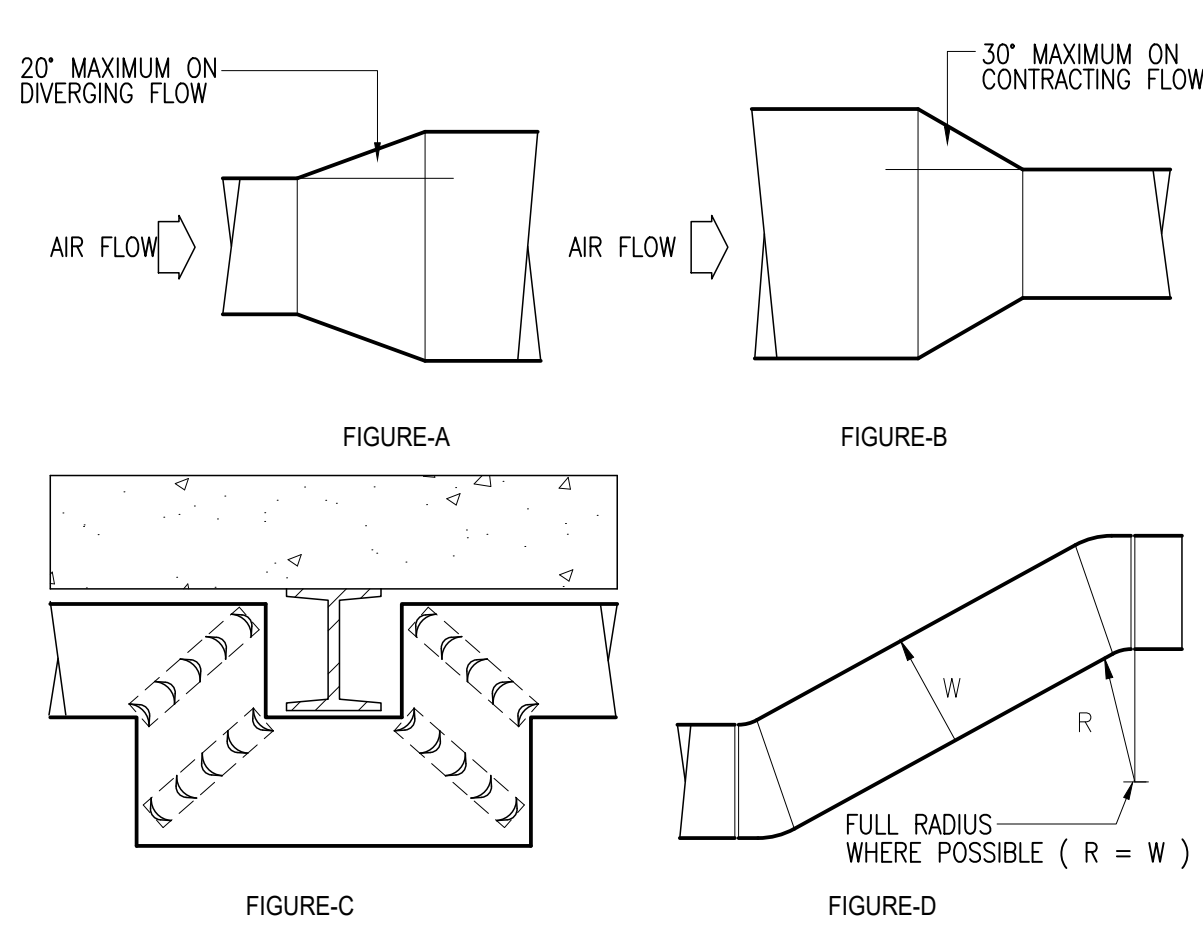
APPROVED BY
JAVEY PAUL D. FRANCISCO
COMMISSIONER

SHEET CONTENTS
THIRD FLOOR AIR CONDITIONING AND VENTILATION LAYOUT FOURTH FLOOR AIR CONDITIONING AND VENTILATION LAYOUT

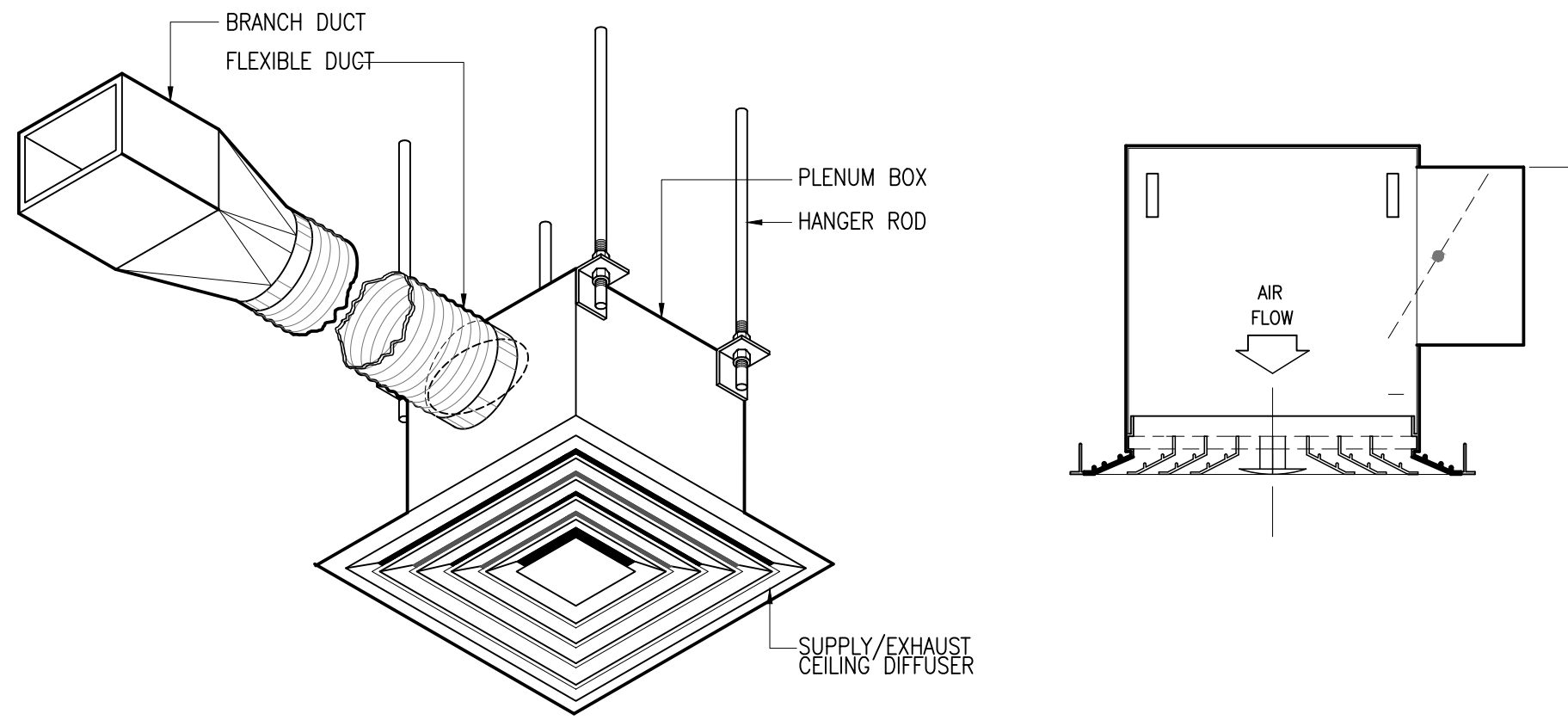
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JFT	JUL 2024					20X30	M-004
DESIGNED	DATE					SCALE	PROJECT NO.
JLDA	JUL 2024					AS SHOWN	DE-G-24-006
APPROVED	DATE						
LLG	JUL 2024						

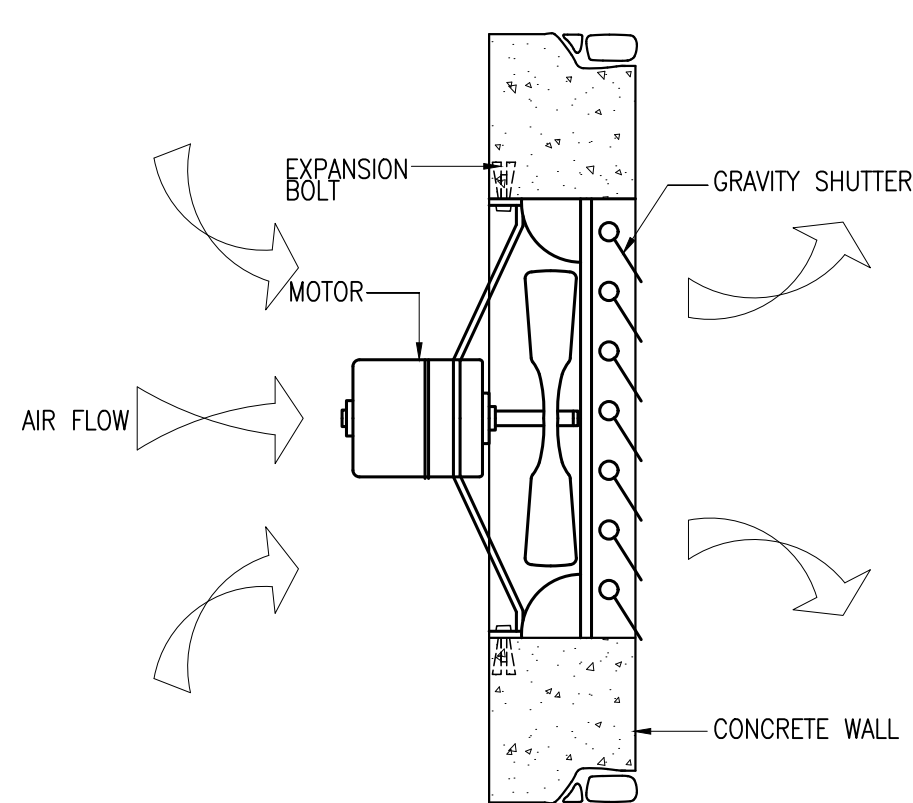




1 DUCT OFFSET DETAIL
M-006 SCALE NTS



2 CEILING SUPPLY/EXHAUST FAN
M-006 SCALE NTS



3 WALL MOUNTED SUPPLY & EXHAUST FAN DETAIL
M-006 SCALE NTS

 Securities and Exchange Commission PHILIPPINES	CHECKED AND SUBMITTED BY			PROJECT TITLE/LOCATION	RECOMMENDING APPROVAL	APPROVED BY	SHEET CONTENTS	R.A. 9266 SEC. 33	CADD	DATE	NO.	REVISIONS	CHK	DATE	PAPER SIZE	SHEET NO.		
	ALDEN C. ONG M.Eng., ASEP SEC-HTC	REG. NO.: 68251	ARTHUR Q. MERILLO JR. PROFESSIONAL MECHANICAL ENGINEER	PROPOSED RETROFITTING AND RENOVATION OF THE SEC DAVAO EXTENSION OFFICE	VHINCENT G. CAÑARES SEC DIRECTOR, MSD	JAVEY PAUL D. FRANCISCO COMMISSIONER	MISCELLANEOUS DETAILS	DRAWINGS AND SPECIFICATIONS AND CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS FOR SERVICE ARE THE INTELLECTUAL PROPERTY AND DOCUMENTS OF ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR AUTHOR OF SAID DOCUMENTS.	JFT	JUL 2024					20X30	M-006		
		TIN NO. : 168-950-786							DESIGNED	DATE							SCALE	PROJECT NO.
		PTR NO. : 10077889							JLDA	JUL 2024								
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