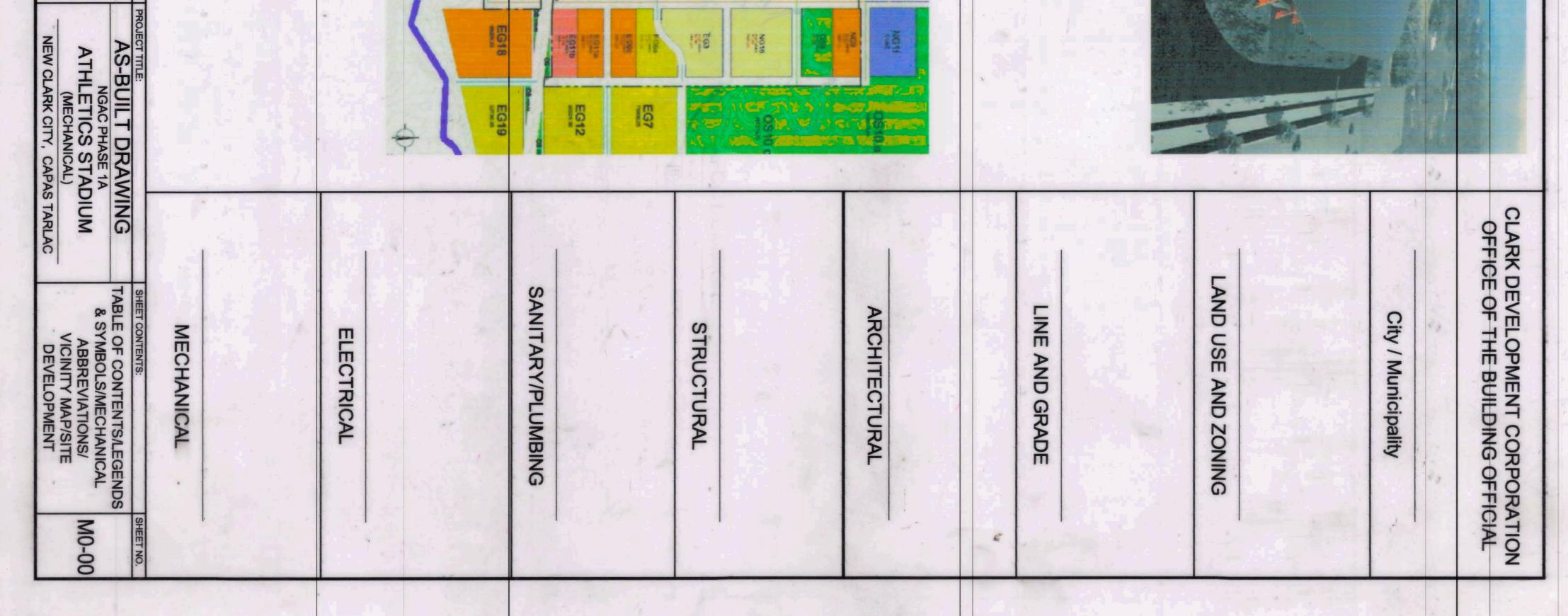


ATHLETICS STADIUM AS-BUILT

MECHANICAL PLANS

OWNER: NGAC PHASE 1 JV CO	13. THE INTERNATIONAL BUI VEHICLE ACCESS SHALL	10. THE SELECTION AND SIZ HOURS WILL CHANGE. TH 11. THE MVAC CONTRACTOR WITH THE OTHER TRADE BE PROPERLY COORDIN/ BE PROPERLY COORDIN/ 12. DURING THE SITE MOBIL	The second second	 ALL REFRIGERANT PIPING SHOULD BE CONTAINED I THE MVAC CONTRACTOR THE EARLY AND EFFECTI REPLACEMENTS MUST AN 	 THAT PARTICULAR AREA. THE LOCATION OF THE THE RECOMMENDATIONS OF THE MANUFACTUR THE EXACT LOCATION OF THE FCU, AS WELL AS ARCHITECTURAL REQUIREMENTS. THE MVAC CONTRACTOR SHALL SELECT, SIZE, A SET ECTED AND INSTALLED FOR ALL FOUNDMENT 	INSTALLED AC SYSTEM A THE MVAC CONTRACTOR THE NECESSARY CONNE ALSO PROVIDE THE NECE	2. THE OUTDOOR UNITS SU	GENERAL SF	M8-02	M8-01	M7-03	M7-01	M6-01	M5-01	M4-01	M3-01	M2-03	M2-02	M2-01E	M2-01D	M2-01C	M2-01A	M2-01	M1-04	M1-03	M1-01	M0-00	SHEET NUMBER
AND Clark Inc.	EQUIPMENT. THIS IS TO ENSURE THAT ALL EQUIPMENT TO BE PURCHASED AND SELECTED WILL MATCH WITH THE POWER PROVISIONS. THE INTERNATIONAL BUILDING CODE (IBC) 2009 - SECTION 403.5.4 SMOKE PROOF EXIT ENCLOSURES: "EVERY REQUIRED LEVEL EXIT STAIRWAY VEHICLE ACCESS SHALL COMPLY WITH SECTIONS 909.20 AND 1002.9 REQUIRING STAIR MECHANICAL PRESSURIZATION SYSTEM.	THE SELECTION AND SIZING OF THE SYSTEMS ARE BASED ON THE OPERATING HOURS SPECIFIED BY THE CLIENT FOR THE PROJECT. THE CHOICE OF THE INDOOR UNITS MAY ALSO BE AFFECTED. THE MVAC CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF PIPE SLEEVES, FIRE SEALS, AND CORRESPONDING WATER PROOFING RELATED TO HIS INSTAL WITH THE OTHER TRADES WHICH COVER SUCH SCOPE. ALL ACCESS PANELS AND SERVICE CLEARANCES FOR THE PREVENTIVE MAINTENANCE AS WELL AS FOR THE PERIODIC BE PROPERLY COORDINATED BY THE MVAC CONTRACTOR WITH THE TRADES WHICH COVER SUCH SCOPE. DURING THE SITE MOBILIZATION AND EARLY START OF CONSTRUCTION, THE MVAC CONTRACTOR MUST ASCERTAIN THE ACTUAL ELECTRICAL CHARACTERISTICS (VIPHHZ) TH	THE MVAC CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE MVAC CONTRACTOR WITH THE TRADES WHICH COVER SUCH SCOPE. WVAC CONTRACTOR MUST REVIEW THE DELINEATION OF WORK BETWEEN THE SUPPLIER AND HIS REMAINING THE MVAC CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE A INSTALLATION, TESTING, AND COMMISSIONING OF THE OWNER-SUPPLIED EQUIPMENT (EXCLUSIVE OF WARRANTY) AND ALL OTHER ITEMS WHICH WOULD NORMALLY BE PART C ELIMINATE POSSIBLE "GRAY AREA" ITEMS.		ACCU AWAY FROM THE FCU MUST BE WITHIN ER. THE MATCHING ACCUS SHALL BE COORDINA THE MATCHING ACCUS SHALL BE COORDINA AND SYSTEM COMPONENTS THAT MAY BROM	INSTALLED AC SYSTEM AND SHALL BE TAKEN AS THE SOLE RESPONSIBILITY OF THE MVAC CONTRACTOR DURING THE CONSTRUCTION STAGE. THE MVAC CONTRACTOR SHOULD PROVIDE PIPING FOR EACH FCU WHERE CONDENSATION IS TO BE EXPECTED DUE TO THE NATURE OF OPERATION. THE MVAC CONTRACTOR STATE HE NECESSARY CONNECTION TO THE PLUMBING LINE AT A STUB-OUT THAT MAY BE LOCATED WITHIN 5METERS OF THE FCU. THE MVAC CONTRACTOR COORDINATE THESE STUDIES OF AND THE NECESSARY VENT AND CLEAN OUT FOR THE REGULAR CLEANING AND MAINTENANCE OF THE CONDENSATE PIPES WITHIN HIS SCOPE.	CONTRACTOR ARE ENCOURAGED TO PROVIDE OTHER BRANDS AND MODEL OF HIGHER EFFICIENCY. DURING THE SITE MOBILIZATION AND EARLY START OF CONSTRUCTION, TH CONTRACTOR MUST ASCERTAIN THE ACTUAL ELECTRICAL CHARACTERISTIC (VIPHIHZ) THAT WILL BE PROVIDED FOR EACH OF THE MVAC EQUIPMENT. THIS IS TO ENSURE THAT, THE POWER PROVISIONS. THE OUTDOOR UNITS SUCH AS ACCUS, EXHAUST FANS, AND OTHER DEVICE FOR AIR MOVEMENT SHOULD BE LOCATED AT AN AREA WHERE THE AIR MOVEMENT WILL NOT BE OF	SPECIFICATIONS: DEL OF THE LISTED EQUIPMENT ARE USED ONLY TO ESTABLISH THE DIMENSIONS AND	MISCELLANEOUS DETAILS	MISCELLANEOUS DETAILS	REFRIGERANT PIPING SCHEMATIC DIAGRAM	REFRIGERANT PIPING SCHEMATIC DIAGRAM	ELEVATOR LAYOUT AND SECTION	CROSS SECTION	FUEL SYSTEM SCHEMATIC DIAGRAM (SOUTH WEST)	UTILITIES BUILDING VENTILATION & FUEL OIL PIPING LAYOUT	WEST THIRD FLOOR AC & VENTILATION LAYOUT	WEST SECOND FLOOR AC & VENTILATION LAYOUT		SOUTH WEST GROUND FLOOR AC & VENTILATION LAYOUT	SOUTH EAST GROUND FLOOR AC & VENTILATION LAYOUT	EAST GROUND FLOOR AC & VENTILATION LAYOUT	GROUND FLOOR AC & VENTILATION LAYOUT	EQUIPMENT SCHEDULE	EQUIPMENT SCHEDULE	EQUIPMENT SCHEDULE	SYMBOLS, &	SHEET TITLE
HILMARC'S CONSTRUCTION CORPORATION 1845 E. RODRIGUEZ SR. AVENUE CUBAO, QUEZON GIV TEL #(02)854-1182 to 58 EMAIL: www.indc.com.ph	THY REQUIRED LEVEL EXIT STAIRWAY SERVING FLOORS MORE THAN SSURIZATION SYSTEM.	SCERTAIN THE ACTUAL ELECTRICAL CHARACTERISTICS (VIPHIHZ) THA	S FROM OTHER TRADES AT THE SOONEST POSSIBLE TIME. SHOULD T ING THE MVAC CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE A RRANTY) AND ALL OTHER ITEMS WHICH WOULD NORMALLY BE PART C	NSTALLED WITHOUT AFFECTING THE AESTHETIC APPEARANCE OF TH E SELECTION OF PAINT COLOR MUST BE APPROVED ALSO BY THE ARO BEALS, STEEL STRUCTURAL PLATFORMS, CONCRETE FOOTINGS AND COCESS PANELS AND SERVICE CLEARANCES FOR THE PREVENTIVE MA	THE DISTANCE AND HEIGHT DIFFERENTIAL SPECIFIED BY THE MANUFACTURER. T TED WITH THE CLIENT AND HIS DULY AUTHORIZED REPRESENTATIVES PRIOR TO IN THE STICE OR SUPPORT NECESSARY AND SUITABLE FOR THE EQUIPMENT. THE VIE THE STICE STICE FEELST DUE TO THEID MOVING DADES OF BECAUSE OF BESONANCE OF	DURING THE CONSTRUCTION STAGE.	NG THE SITE MOBILIZATION AND EARLY START OF CONSTRUCTION, THE VIDED FOR EACH OF THE MVAC EQUIPMENT. THIS IS TO ENSURE THAT BE LOCATED AT AN AREA WHERE THE AIR MOVEMENT WILL NOT BE O	ELECTRICAL LOAD RATINGS FOR THE PURPOSE OF LOCATION AND E	8	-	FAF FRESH AIR FAN FAD FRESH AIR DUCT	FCU FAN COIL UNIT	EAG EXHAUST AIR GRILLE ERV ENERGY RECOVERY VENTIL	EF EXHAUST FAN EAD EXHAUST AIR DUCT		CFM CUBIC FEET PER MINUTE		5				EQUIPMENT NUMBER	EQUIPMENT DESIGNAT		SHEET NO. LOCATION		SHEET NUMBER LOCAT	PLAN / DETAIL NUMBER

ND VALIDATED BY: FILIPIN Architectur Shi Floor Attorn Email: Nidrevoga	D THE CLIENT DECIDE T THE ANY AND ALL OTHER I AT OF HIS SCOPE IF HE S AN DIFFER IF THE APPLI AN DIFFER IF THE EARL DIC REPAIR AND PARTS THAT WILL BE PROVIDE	D INSTALLATION. THE VIBRATION ISOLATIO THE BUILDING INTER ARCHITECT.	D ELECTRICAL POWEI I, THE MECHANICAL V HAT ALL EQUIPMENT 1 HAT ALL EQUIPMENT 1 E OBSTRUCTED. THE E OBSTRUCTED. THE R THE REFRIGERANT R. THE REFRIGERANT R. THE REFRIGERANT	T SUR	IF UNIT	REFERENCE	IMBOLS SER
AS DRAVO CORPOR al & Engineering Consultants Missions Bids, 1045 Autors Bids, 1045 Autors, 1045 ALFREDO R. REVILLA PROJECT MANAGER	D THE CLIENT DECIDE TO PURCHASE THE EQUIPMENT SEPARATELY, E ANY AND ALL OTHER ITEMS NECESSARY TO COMPLETE THE AT OF HIS SCOPE IF HE SUPPLIES THE EQUIPMENT. THIS IS TO AVOID AY DIFFER IF THE APPLICATION OR OPERATING ALLATION BY THE EARLY EFFECTIVE COORDINATION DIC REPAIR AND PARTS REPLACEMENTS MUST ALL THAT WILL BE PROVIDED FOR EACH OF THE MVAC AN 22.86M (75FT) ABOVE THE LOWEST LEVEL OF FIRE DEPARTMEN	D INSTALLATION. THE LOCATION OF LOUVERS SHALL COMPLY WITH THE VIBRATION ISOLATION AND SEISMIC RESTRAINTS SHALL BE CORRECTLY E OR TRANSMISSION OF SUCH MECHANICAL FORCE. THE BUILDING INTERIOR AND EXTERIOR. PREFERABLY, THESE ITEMS ARCHITECT. D CORRESPONDING WATER PROOFING RELATED TO HIS INSTALLATION B MAINTENANCE AS WELL AS FOR THE PERIODIC REPAIR AND PARTS	D ELECTRICAL POWER FEED SIZING. THE EQUIPMENT SUPPLIER AND/OR I, THE MECHANICAL VENTILATION AND AIR CONDITIONING (MVAC) HAT ALL EQUIPMENT TO BE PURCHASED AND SELECTED WILL MATCH WITH E OBSTRUCTED. THE DIRECTION OF THE DISCHARGE AIR SHOULD ALLOW RITICAL TO OBTAIN THE HIGHEST PERFORMANCE EFFICIENCY FOR THE OR SHALL ALSO PROVIDE THE INSULATED CONDENSATE PIPE AS WELL AS E STUB-OUT PROVISIONS WITH THE PLUMBING CONTRACTOR AND MUST AN AND CAPACITY MODULATION OF THE INSULATION MUST COMPLY WITH R. THE REFRIGERANT PIPE SIZES AND INSULATION MUST COMPLY WITH	SUPPLY, SQUARE TOILET TOILET TONS O VOLUME 4Z VOLT/PH VARIABI WATTS	KG KILOGRAM KRH KITCHEN RANGE HO KW KILOWATT LD LOUVERED DOOR M ³ MIN CUBIC METER PER M M/S METER PER SECOND MM MILLIMETER RPM REVOLUTION PER MI RAG RETURN AIR GRILLE SAD SUPPLY AIR DUCT	S MARK	DRAWING NUMBER TARGET SECTION
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NDENT CONSULTANT ENGINE CONSULTANT Bidg., 108 V.A. Rufino St., Lagaspi Village, 229 Philippinas * Tel. Nos. 8178311 io 16 RGILIO A. MADRAZO PRESIDENTICEO	NTS NTS	16 EG17		MON NEW NO			



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	OLLERES	RC'S ORPORATION CUBAO, QUEZON CITY EMAIL: www.hec.com.ph	

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SUBMITTED BY

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BY: INDEPENDENT CONSULTANT TCGI ENGINEERS

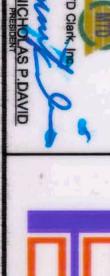
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ISAAC S. DAVID

VIRGILIO A. MADRAZO PRESIDENTICEO

BANDAR HEBAT BUILDERS, INC.

ADFREDO R. REVILLA



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DIVWW.	RDAND.	DRAIN		CONNECTIONS (FLAKE)	_	(FLARE)	LIQUID	MACHINE WEIGHT	(HXWXU)	DIMENSION	SOUND LEVEL (H/L)	(in mur)	AIRFLOW RATE		CASING	POWER CONSUMPTION			COOLING CAPACITY		FOWER OUTFLI	DOWED SI IDDI V	QUANTITY	UNIT DESIGNATION	G	FAN COIL UI
		MM				MM		KG		MM	dB(A)	CFM	NIMALAN	N KAN		KW	NW		KCALIN	R					CASSETTE (Z WAY FLOW)	FAN COIL UNIT (FCU) - CEILING MOUNTED
ONIDONING	SAMSING		VP25 (EXTERNAL DIA		Ø 12.7		064	G 21		M 230 X 890 x 575	A) 34/28	M 318/230	C'9/6		GALVANIZED						1	104/2018 2201/1 60427	υ.	FCU-GF.C.1 TO GF.C.5	FLOW)	IG MOUNTED
	BRAND:			PIPE		REFRIGERANT	OPERATION RANGE	SOUND LEVEL	MACHINE WEIGHT	DIMENSIONS (H X W X D)	AIRFLOW RATE			COMPRESSOR			CASING COLOR	CAPACITY CONTROL	POWER CONSUMPTION		COOLING CAPACITY		POWER SOURCE	QUANTITY	UNIT DESIGNATION	MIK
		GAS N		LIQUID	CHARGE K		0.	DE				-	MOTOR	- 77 - 7	TYPE					BI	KC	× -				AIR COOLED CONDENSING UNIT (ACCU)
	SAMSUNG	MM Ø 22.22 (BRAZING)		MM Ø 9.5 (BRAZING)	KG 5.5	R	°CDB -5 TO 43	DB(A) 58		1,695)	2		KW 6:30	SCRULL IYPE	HERMETICALLY SEALED		IVORY WHITE (5Y7.5/1)	% 20-100	KW 6.39		3	KW 28.00	SPH/38	1	ACCU-GF.C	SING UNIT (ACCU)
DIVNINU.	RPAND.	UKAIN		CONNECTIONS	PIPING (FLARE)		LIQUID	MACHINE WEIGHT		DIMENSION (H X W X D)	SOUND LEVEL (H/L)	(marar)	AIRFLOW RATE		CASING	POWER CONSUMPTION			COOLING CAPACITY		POWER SUPPLY		DI IANTITY	UNIT DESIGNATION		FAN COIL U
		NIN MIN			ARE	(FLARE) MM		KG		MM	dB(A)	CFM	Ma/WiN			KW	KW	BTUN	KCALM	TR					(4 MUL 1-	JNIT (FCU) - CEILIN
Chinemer and a start and a start a sta	SAMSLING		VP25 (EXTERNAL DIA, 32/INTERNAL		Ø 12.7		Ø 6.4	21		230 x 890 x 575	34/28	318/230	N 9/6.5		GALVANIZED STEEL PLATE	0.014 (2)							7	FCU-GF.D.1 TO GF.D.5	мп)	FAN COIL UNIT (FCU) - CEILING MOUNTED CASSETTE
	BRAND:	CONTRACTIONS	CONNECTIONS			REFRIGERANT	OPERATION RANGE	SOUND LEVEL	MACHINE WEIGHT	UIMENSIONS (IT A W A U)	AIRFLOW RATE		COMPRESSOR			CASING COLOR	CAPACITY CONTROL	POWER CONSUMPTION			COOLING CAPACITY		POWER SOURCE	QUANTITY	UNIT DESIGNATION	AIK
		GAS MM		LIQUID MM	CHARGE KG	TYPE	SD3.	DB(A)	KG	MIM	NIMIEM		MOTOR KW	TYPE			%	KW	BTUM	KCALIN	KW	R				AIR COULED CONDENSING UNIT (ACCU)
	SAMSUNG	Ø ZZ.ZZ (BRAZING)		Ø 9.5 (BRAZING)	5.5	R-410A	-5 TO 43	58		(col X 100 X 1co'l			6.39	SCROLL TYPE	HERMETICALLY SEALED	IVORY WHITE (5Y7 5/1)	20-100	6.39	95,480	h 24,040	28.00	7.95	3PH/380-415V/60HZ	1	ACCU-GF.D	G UNIT (ACCU)
BRAND:	MAX. PIPING LENGTH MAX. LEVEL DIFFERENCE	CONNECTIONS	piping -				OUTDOOR UNIT						INDOOR UNIT			COP	POWER CONSUM	COOLING CAPACITY RATED	POWER SOURCE	QUANTITY	UNIT DESIGNATION			SPLIT T		
		GAS DRAIN	LIQUID	OPERATION RANGE	MACHINE WEIGHT	DIMENSIONS (HXWXD)		REFRIGERANT CHARGE	COMPRESSOR MOTOR OUTPUT	COLOUR	MACHINE WEIGHT	DIMENSIONS (HXWXD)	SOUND PRESSURE LEVEL (H/L/SL)	AIR FLOW RATE (H)	COLOUR		PTION	TY RATED			OUTDOOR UNIT	INDOOR UNIT		YPE SYSTEM-MDF,		
		MM Ø 9.5 MM Ø 18		1	KG 34		m	TYPE	PUT W HERMETICALLY SEALED SWING TYPE	IVORY WHITE	KG 9	MM 283X800X195	DB(A) 38 / 26 / 23	MªMIN 8.0	PUR	W/W 3.85		KW 3.5	1PH, 220	ACCU-TEL.1 & ACCU-TEL.2	ACCU-MDF.1, ACCU-MDF.2,	FCU-MDF.1, FCU-MDF.2, FCU- FCU-TEL.2	SPLIT TYPE WALL MOUNTED	SPLIT TYPE SYSTEM-MDF, TELCO&FCC ROOM(GROUND FLOOR)		
SAMSUNG	30	Ø 15.9 Ø 18	Ø 6.4	19.4 TO 46	00	52 / 49 770 ¥ 600 ¥ 300	1.9 (CHARGED FOR 30M)	H	1YPE HERMETICALLY SEALED SWING TYPE	\mathbb{H}	14	340 X 1,050 X 248	46/ 37 / 33	18.2	PURE WHITE	3.55	1,820	7.04	1PH, 220-240V, 60HZ		ACCU-FOC.1 & ACCU-FCC.2	FCU-TEL.1 & FCU-FCC.1 & FCU-FCC.2		JUND FLOOR)		

Image: gray bit is	UNIT DESIGNATION QUANTITY TR TR TOWER SOURCE TR REFRIGERANT TYPE MOTOR MIN MIN <tr< th=""><th>635 635 219 219 SYNTHETIC FIBER UNWOVEN CLOTH FILTER (LONG LIFE) 42 42 42 42 430X744X1,100 470X744X1,100 51 51 52 51 53 51 54 51 53 51 54 51 55 51 53 51 54 51 55 51 54 51 <td< th=""><th>AIR FILTER AIR FILTER SOUND LEVEL DIMENSIONS (HXWXD) MACHINE WEIGHT MACHINE WEIGHT LIQUID (FLARE) GAS (BRAZING) DRAIN MM</th><th></th><th>ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93 45 + 56 38,646 + 48,172 153,450 + 191,100 4,39(2) + 6.39(2) 5-100 INORY WHITE (SY7.5/1) HERMETICALLY SEALED SCROLL TYPE 4.39(2) + 6.39(2) 255 + 290 1295 x 1695 x 765 (2) 269 + 307 62 + 65 -5 TO 49 R-410A 7.7 Ø 12.7/15.88 (BRAZING) Ø 28.5 /28.58 (BRAZING)</th><th></th><th>UNIT DESIGNATION QUANTITY POWER SOURCE POWER SOURCE POWER CONSUMPTION CAPACITY CONTROL CONPRESSOR INFL DIMENSIONS (H X W X D) MACHINE WEIGHT SOUND LEVEL OPERATION RANGE REFRIGERANT TYPE PIPE CONNECTIONS GAS BRAND:</th></td<></th></tr<>	635 635 219 219 SYNTHETIC FIBER UNWOVEN CLOTH FILTER (LONG LIFE) 42 42 42 42 430X744X1,100 470X744X1,100 51 51 52 51 53 51 54 51 53 51 54 51 55 51 53 51 54 51 55 51 54 51 <td< th=""><th>AIR FILTER AIR FILTER SOUND LEVEL DIMENSIONS (HXWXD) MACHINE WEIGHT MACHINE WEIGHT LIQUID (FLARE) GAS (BRAZING) DRAIN MM</th><th></th><th>ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93 45 + 56 38,646 + 48,172 153,450 + 191,100 4,39(2) + 6.39(2) 5-100 INORY WHITE (SY7.5/1) HERMETICALLY SEALED SCROLL TYPE 4.39(2) + 6.39(2) 255 + 290 1295 x 1695 x 765 (2) 269 + 307 62 + 65 -5 TO 49 R-410A 7.7 Ø 12.7/15.88 (BRAZING) Ø 28.5 /28.58 (BRAZING)</th><th></th><th>UNIT DESIGNATION QUANTITY POWER SOURCE POWER SOURCE POWER CONSUMPTION CAPACITY CONTROL CONPRESSOR INFL DIMENSIONS (H X W X D) MACHINE WEIGHT SOUND LEVEL OPERATION RANGE REFRIGERANT TYPE PIPE CONNECTIONS GAS BRAND:</th></td<>	AIR FILTER AIR FILTER SOUND LEVEL DIMENSIONS (HXWXD) MACHINE WEIGHT MACHINE WEIGHT LIQUID (FLARE) GAS (BRAZING) DRAIN MM		ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93 45 + 56 38,646 + 48,172 153,450 + 191,100 4,39(2) + 6.39(2) 5-100 INORY WHITE (SY7.5/1) HERMETICALLY SEALED SCROLL TYPE 4.39(2) + 6.39(2) 255 + 290 1295 x 1695 x 765 (2) 269 + 307 62 + 65 -5 TO 49 R-410A 7.7 Ø 12.7/15.88 (BRAZING) Ø 28.5 /28.58 (BRAZING)		UNIT DESIGNATION QUANTITY POWER SOURCE POWER SOURCE POWER CONSUMPTION CAPACITY CONTROL CONPRESSOR INFL DIMENSIONS (H X W X D) MACHINE WEIGHT SOUND LEVEL OPERATION RANGE REFRIGERANT TYPE PIPE CONNECTIONS GAS BRAND:
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Bis CASING CASING <thcasing< th=""> <thcasing< th=""></thcasing<></thcasing<>	UNIT DESIGNATION QUANTITY POWER SOURCE TR TR POWER SOURCE TR POWER CONSUMPTION KW CAPACITY CONTROL % CAPACITY CONTROL % CAPACITY CONTROL % CAPACITY CONTROL % DIMENSIONS (H X W X D) MM MACHINE WEIGHT KG SOUND LEVEL DB(A) OPERATION RANGE KG PIPE LIQUID MM MM	635 219 SYNTHETIC UNWOVEN CLC (LONG L (LONG L (LONG L (LONG L (LONG L (A70X744X1,100 51 51 51 51 51 51 51 51 51 51 51 51 51	ESP HXWXD) HT LIQUID (FLARE) BRAZING) DRAIN		ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93 45 + 56 38,646 + 48,172 153,450 + 191,100 4.39(2) + 6.39(2) 5-100 IVORY WHITE (5Y7.5/1) RMETICALLY SEALED SCROLL TYPE 4.39(2) + 6.39(2) 255 + 290 1295 x 1695 x 765 (2) 269 + 307 62 + 65 -5 TO 49 R-410A 7.7 Ø 12.7/15.88 (BRAZING)		UNIT DESIGNATION QUANTITY POWER SOURCE POWER CONSUMPTION CAPACITY CONTROL CASING COLOR TYPE COMPRESSOR MOTOR OUTPUT AIRFLOW RATE DIMENSIONS (H X W X D) MACHINE WEIGHT SOUND LEVEL OPERATION RANGE REFRIGERANT TYPE REFRIGERANT TYPE CHARGE
Bit All Flow All Flow Mail F	UNIT DESIGNATION QUANTITY TR OOULING CAPACITY TR REFRIGERANT TYPE TYPE COMPRESSOR TYPE COMPRESSOR TYPE COMPRESSOR MOTOR MOTOR MININ MIN	635 219 SYNTHETIC UNWOVEN CLC (LONG L (LONG L))) 470X744X1,100 51 51 51 99.5 Ø9.5 Ø9.5	ESP HXWXD) HXWXD) HIT LIQUID (FLARE) GAS GAS (BRAZING)		ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93 45 + 56 38,646 + 48,172 153,450 + 191,100 4.39(2) + 6.39(2) 5-100 1VORY WHITE (5Y7.5/1) INMETICALLY SEALED SCROLL TYPE 4.39(2) + 6.39(2) 255 + 290 1295 x 1695 x 765 (2) 269 + 307 62 + 65 -5 TO 49 R-410A 7.7		UNIT DESIGNATION QUANTITY POWER SOURCE POWER CONSUMPTION CAPACITY CONTROL CAPACITY CONTROL CAPACITY CONSUMPTION CAPACITY CONSUMPTION CAPACITY CONTROL CAPACITY CONSUMPTION CAPACITY CONTROL CAPACITY CONTROL CAPACITY CONTROL CAPACITY CONTROL CAPACITY CONTROL COMPRESSOR MOTOR OUTPUT AIRFLOW RATE DIMENSIONS (H X W X D) MACHINE WEIGHT SOUND LEVEL OPERATION RANGE REFRIGERANT TYPE REFRIGERANT
PBS CASING VIET GALVANIZED STEEL PLATE INDOOR UNIT UL DA, 22) INTERNAL UL DA, 22) AIR FLOW INDA, 22) MR FLOW INDA, 22) MPAIN RATE MPAIN RATE MPAIN RATE NOOOR UNIT CULGF.B International Control of	UNIT DESIGNATION QUANTITY POWER SOURCE POWER SOURCE TR POWER CONSUMPTION KW CAPACITY CONTROL % CASING COLOR TYPE COMPRESSOR MOTOR AIRFLOW RATE MOTOR MACHINE WEIGHT MM SOUND LEVEL OUTPUT OPERATION RANGE TYPE REFRIGERANT TYPE	835 219 SYNTHETIO UNWOVEN CLC (LONG L (LONG L (LONG L (LONG L (LONG L (J))) (100 470X744X1,100 51 51 51 51 51 51 51 51 51 51 51 51 51	HXWXD) HT (FLARE) (BRAZING)		ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93 45 + 56 38,646 + 48,172 153,450 + 191,100 4.39(2) + 6.39(2) 5-100 IVORY WHITE (5Y7.5/1) RMETICALLY SEALED SCROLL TYPE 4.39(2) + 6.39(2) 255 + 290 1295 x 1695 x 765 (2) 269 + 307 62 + 65 -5 TO 49		UNIT DESIGNATION QUANTITY POWER SOURCE COOLING CAPACITY COOLING CAPACITY CAPACITY CONTROL CASING COLOR CASING COLOR CARFLOW RATE COMPRESSOR AIRFLOW RATE DIMENSIONS (H X W X D) MACHINE WEIGHT SOUND LEVEL OPERATION RANGE
IDE CASING CASING <thcasing< th=""> <thcasing< th=""></thcasing<></thcasing<>	UNIT DESIGNATION QUANTITY POWER SOURCE POWER SOURCE TR POWER CONSUMPTION KW POWER CONSUMPTION KW CASING COLOR TYPE COMPRESSOR TYPE MOTOR KW DIMENSIONS (H X W X D) MM MACHINE WEIGHT KG SOUND LEVEL DB(A) OPERATION RANGE COB	835 219 SYNTHETIC UNWOVEN CLC (LONG L 470X744X1,100 51 51 51 51	HXWXD) HXWXD) GAS		ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93 45 + 56 38,646 + 48,172 153,450 + 191,100 4.39(2) + 6.39(2) 5-100 IVORY WHITE (5Y7.5/1) RMETICALLY SEALED SCROLL TYPE 4.39(2) + 6.39(2) 255 + 290 1295 × 1695 × 765 (2) 269 + 307 62 + 65		UNIT DESIGNATION QUANTITY POWER SOURCE COOLING CAPACITY COOLING CAPACITY CONTROL CAPACITY CONTROL CAPACITY CONTROL CASING COLOR COMPRESSOR TYPE COMPRESSOR AIRFLOW RATE DIMENSIONS (H X W X D) MACHINE WEIGHT SOUND LEVEL
Image Internut. Image	UNIT DESIGNATION QUANTITY TR TR TR ROWER SOURCE TR ROWER CONSUMPTION KW COOLING CAPACITY ROWER CONSUMPTION KW COMPRESSOR TYPE COMPRESSOR MOTOR KW OUTPUT MOTOR MOTOR MOTOR MACHINE WEIGHT KG	635 219 SYNTHETIC UNWOVEN CLC (LONG L 470X744X1,100 51 51 89.5	GHT HXWXD) (FLARE)		ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93 45 + 56 38,646 + 48,172 153,450 + 191,100 4.39(2) + 6.39(2) 5-100 IVORY WHITE (5Y7.5/1) 5-100 IVORY WHITE (5Y7.5/1) 5-100 IVORY WHITE (5Y7.5/1) 5-100 IVORY WHITE (5Y7.5/1) 255 + 290 1295 x 1695 x 765 (2) 269 + 307		UNIT DESIGNATION QUANTITY POWER SOURCE COOLING CAPACITY COOLING CAPACITY COMPRESSOR CAPACITY CONTROL CAPACITY CONTROL CASING COLOR CAPACITY CONTROL CAPACITY CAPACITY CONTROL CAPACITY CONTROL CAPACITY CAPACITY CAPACITY CONTROL CAPACITY CAPACITY
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Image: graph Cosing Image: graph Galvanized steel plate Image: graph Image: gr	UNIT DESIGNATION QUANTITY POWER SOURCE TR COOLING CAPACITY POWER CONSUMPTION KW COMPRESSOR TYPE MOTOR AIRFLOW RATE	635 219 SYNTHETIO UNWOVEN CLC (LONG L 470X744X1,100 51	GHT ESP		ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93 45 + 56 38,646 + 48,172 153,450 + 191,100 4.39(2) + 6.39(2) 5-100 IVORY WHITE (5Y7.5/1) RMETICALLY SEALED SCROLL TYPE 4.39(2) + 6.39(2)		UNIT DESIGNATION QUANTITY POWER SOURCE COOLING CAPACITY COOLING CAPACITY POWER CONSUMPTION CAPACITY CONTROL CASING COLOR TYPE COMPRESSOR
$ \begin{array}{c c c c c c c } \hline g \ 15.9 \\ \hline g \ 15.9$	UNIT DESIGNATION QUANTITY POWER SOURCE POWER SOURCE TR COOLING CAPACITY POWER CONSUMPTION CASING COLOR TYPE COMPRESSOR MOTOR NMOTOR	635 219 SYNTHETIC UNWOVEN CLC (LONG L (LONG L 470X744X1,100 51	ESP GHT		ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93 45 + 56 38,646 + 48,172 153,450 + 191,100 4.39(2) + 6.39(2) 5-100 IVORY WHITE (5V7.5/1)		UNIT DESIGNATION QUANTITY POWER SOURCE COOLING CAPACITY POWER CONSUMPTION CAPACITY CONTROL CASING COLOR
Image: grad bit 5.9 CASING Casing Galvanized Steel Plate Indicate Indicat I	UNIT DESIGNATION QUANTITY POWER SOURCE TR COOLING CAPACITY TR COOLING CAPACITY KW CAPACITY CONSUMPTION KW CASING COLOR TYPE HERMI	635 219 SYNTHETIC UNWOVEN CLC (LONG L 470X744X1,100	(HxWxD)	AIR F	ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93 45 + 56 38,646 + 48,172 153,450 + 191,100 4.39(2) + 6.39(2) 5-100	CU) TR KCAL/h BTU/h KW	UNIT DESIGNATION QUANTITY POWER SOURCE COOLING CAPACITY POWER CONSUMPTION CAPACITY CONTROL
Image: gran bit space Casing Image: space Space <t< td=""><td>UNIT DESIGNATION QUANTITY POWER SOURCE FOWER CAPACITY COOLING CAPACITY CAPACITY CONSUMPTION CAPACITY CONTROL CASING COLOR HERMI</td><td>470X744X1,100</td><td>HXWXD)</td><td>DIME</td><td>ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93 45 + 56 38,646 + 48,172 153,450 + 191,100 4.39(2) + 6.39(2)</td><td>SU) SU SU SU KW KW KW</td><td>UNIT DESIGNATION QUANTITY POWER SOURCE COOLING CAPACITY POWER CONSUMPTION</td></t<>	UNIT DESIGNATION QUANTITY POWER SOURCE FOWER CAPACITY COOLING CAPACITY CAPACITY CONSUMPTION CAPACITY CONTROL CASING COLOR HERMI	470X744X1,100	HXWXD)	DIME	ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93 45 + 56 38,646 + 48,172 153,450 + 191,100 4.39(2) + 6.39(2)	SU) SU SU SU KW KW KW	UNIT DESIGNATION QUANTITY POWER SOURCE COOLING CAPACITY POWER CONSUMPTION
Image: gran bit is gran b	TR KW BTUAL/h %		Re l	AIR F	ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93 45 + 56 38,646 + 48,172 153,450 + 191 100	U) U) KCAL/h	UNIT DESIGNATION QUANTITY POWER SOURCE COOLING CAPACITY
Image: system Galvanized steel plate (1) (3) (2) (1) (1) (1) (2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1			g	AIR F	ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93 45 + 56 38 646 ± 49 170	SU) TR KW	UNIT DESIGNATION QUANTITY POWER SOURCE
Image: system Casing Sector (Constraint) Galvanized Steel Plate Indext (Constraint) Indext (Constant) Indext (Constraint) Indext			Sé l	AIRF	ACCU-GF.A 2 3Ph/380-415V/60Hz 12.78 + 15.93	U)	UNIT DESIGNATION QUANTITY POWER SOURCE
Image: space			- Contraction of the second se	AIRF	ACCU-GF.A	3	UNIT DESIGNATION QUANTITY
Ø 95.5 Galvanized steel plate Ø 15.9 Casing Galvanized steel plate L DiA, 32' INTERNAL DIA, 25) Casing Galvanized steel plate DiA, 25) Casing Minin 18 DiA, 25) Fan Air FLOW Minin 18 CCU-GF.B Fan ESP Pa 219 1 ESP Pa 219 ESP 1380//100HZ SYNTHETIC FIBER SYNTHETIC FIBER INDOOR UNIT	_				ACCU-GF.A	g	UNIT DESIGNATION
Ø 9.5 Ø 15.9 Ø 15.9 INTERNAL AL DIA, 327 INTERNAL DIA, 25) INTERNAL DIA, 25) INTERNAL AMSUNG AIR FLOW MSUNG 18 CCU-GF.B FAN ESP Pa 219	UNIT DESIGNATION QUANTITY	219	-			8	and the second se
Ø 15.9 INTERNAL CASING GALVANIZED STEEL PLATE VL DIA, 32/ INTERNAL CASING GALVANIZED STEEL PLATE VL DIA, 25) INTERNAL AIR FLOW M ³ /MIN AMSUNG FAN AIR FLOW M ³ /MIN CCU-GF.B FAN FAN 635	UNIT DESIGNATION	635	CFM				AIN COOLED CONDENSING ONLY (ACCO)
Ø 9.5 Galvanized steel plate Ø 15.9 Casing AL DIA, 32/ INTERNAL DIA, 25) Casing AMSUNG Air Flow Mate Main 18	A REAL PROPERTY AND A REAL				DAIDOMAG		
Ø 9.5 Galvanized steel plate Ø 15.9 Casing L DIA, 32/ INTERNAL DIA, 25) Casing AMSUNG AIR FLOW M ⁹ MIN 18	AIR COOLED CONDENSING UNIT (ACCU)		RAIE	FAN	CAMCINO	International Print	
INTERNAL CASING GALVANIZED STEEL PLATE INDOOR UNIT	BASIS OF DESIGN	N 18 18	AIR FLOW MININ	TERNAL DIA, 25)	VP25 (EXTERNAL DIA, 32/INTERNAL DIA, 25)	MM VP13 (EXTERNAL DIA,	CTIONS
INTERNAL CASING GALVANIZED STEEL PLATE	DRAIN			Ø 15.9		MM Ø 12.7	PIPING GAS (FLARE)
	LAKE)	GALVANIZED STEEL PLATE	6	12.5 CASING	12.5 12.5 08.4 08.4	KG 8.5	MACHINE WEIGHT
Antes the state of	LIQUID (FLARE)			X243	X243 298X	285X820X277	DIMENSION (H X W X D)
POWER CONSUMPTION KW 0.183	MACHINE WEIGHT KG	0.183 0.183	POWER CONSUMPTION KW			31/25	SOUND LEVEL (H/L)
290X1050X238 NW 14.00 COLOUR	DIMENSION (H X W X D) MM	14.0 14.0	KW	671/494	00	265/159	(HH/H/L)
	SOUND LEVEL (H/L) dB(A)			19/14	12/9 15/12	M ³ /MIN 7.5/4.5	AIRFLOW RATE
		h 47,800 47,800	BTUM		WHITE (3.0Y8.5/0.5		CASING
COOLING CAPACITY	AIRFLOW RATE M ³ MIN		COOLING CAPACITY	0.032 0.001	0.032 0.032	KW 0.017	POWER
0.032 KCAL/h 12.000	CASING CONSUMPTION KW	43 MA		6.80			
TR 3.98		3.98 3.98	TR	23,200		BTU/h 7,500	COOLING CAPACITY
	BTU/h	TIPHIZUG-ZSUVIDUHZ	POWER SOURCE				
POWER SOURCE 1PH/208-230V/60HZ			D COLIDOR	193		TR 0.63	FOWER SUFFLY
1.93 LOCATION GROUND FLOOR POWER SOURCE	FUMER SUPPLY TR	GROUND FLOOR	TION	I I LOCATION		1	QUANTITY BOWED SI IDDI V
	QUANTITY DOWNTO DO INDIVI		TITY	GF.A.10 & GF.A.11 QUANTITY			
UNIT DESIGNATION	SNATION	FAI-GF.A.1 FAI-GF.A.2	UNIT DESIGNATION		& GF A 2 FCU-GF A.4	FCU-GF.A.3 FC	UNIT DESIGNATION
		and a second for such		-			
TED TYPE FLOOR MOUNTED FRESH AIR INTAKE (FAI)	FAN COIL UNIT (FCU) - WALL MOUNTED TYPE	FRESH AIR INTAKE (FAI)	FRESH AI		MOUNTED TYPE	FAN COIL UNIT (FCU) - WALL MOUNTED TYPE	

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PROJECT TITLE:	SHEET CONTENTS:	SHEET NO.
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SAMSUNG			BRAND:	AMSUNG	SAMS				8- 	9	BRAND:	JUNG	SAMSUNG			BRAND:
				25-54PAY1, RX(Y)Q16-50PAHY1	Q5-54PAY1, R	RX(Y)			UNITS	CONNECTABLE OUTDOOR UNITS	CONN				-	
Ø 28.58 / 28.58 (BRAZING)	MM	GAS	CONNECTIONS	DB, 80%RH OR LESS				RA (NOTE 9)				(BRAZING)	Ø 28.58/28.58 (BRAZING)		MM	CONNECTIONS GAS
Ø 12.7 / 15.88 (BRAZING)	MM	LIQUID	PIPING	C-40°C DB, 80%RH OR LESS C-40°C DB, 80%RH OR LESS	PI O	-15°		OA (NOTE 9)		AMBIENT CONDITION	UNITA	(BRAZING)	Ø 12.7/15.88 (BRAZING)		MM	
7.7 + 8.4	G	CHARGE		10 14			KG MM	DEPTH NET	TER	CONNECTION DUCT DIAMETER	CONN	8.4	7.7 + 8.4	1	RGE KG	CHARGE
R-410A		TYPE	DECDICEDANT	DIRECTIONAL FIBROUS FLEECE	-DIRECTIONAL	MULTI-		HEIGHT		JER	AIR FILTER	IOA	R-410A			REFRIGERANT
-5 TO 49	COB	NGE	OPERATION RAN	TENT HEAT) EXCHANGER)	PROCESSED N	SPECIALLY P			AT .	HEAT EXCHANGER ELEMENT	HEATE	0 49	-5 TO 49		°CDB	OPERATION RANGE
18/69	(v)an		1 14	AL HEAT (SENSIBLE +	S FLOW TOTA	AIR TO AIR CROSS FLOW TOTAL HEAT	A			HEAT EYCHANGED SYSTEM	HEAT	65	63/65	2	DB(A)	SOUND LEVEL
269 + 307	KG	H	MACHINE WEIGHT	67 ALVANIZED STEEL PLATE	BALVANIZED S	0			LOW	G	CASIN	307	269 + 307		KG	MACHINE WEIGHT
(1295 x 1695 x 765) (2)	MM		(H X W X D)		64		%	GH	ULTRA-HIGH HIGH	ENTHALPY EXCHANGE EFFICIENCY (COOLING)	ENTHA	5 x 765) (2)	(1295 x 1695 x 765) (2)		MM	(H x W x D)
255 + 290	Ms/MIN		AIRFLOW RATE		76		%		ULTRA-HIGH	TEMP, EXCHANGE EFFICIENCY	TEMP.	- 290	255 + 290	Z	MayMin	AIRFLOW RATE
4.39 (2) + 6.39 (2)	KW	MOTOR		.5/39 5/37 5/35.5	38/38.5/39 36/36.5/37 33.5/34.5/35.5		dB(A)	MODE HIGH LOW	S	30/240V)	(220/2)	6.39 (2)	4.39 (2) + 6.39 (2)		OR KW	OUTPUT
HERMETICALLY SEALED		TYPE	COMBBESSOD	5/37 5/35.5	36/36. 33.5/34.		dB(A)		MODE	SOUND LEVEL		ALED SCROLL TYPE	HERMETICALLY SEALED SCROLL	HER		TYPE
RY			CASING COLOR	1x2 5/39	0.280		KW			MOTOR OUTPUT	мото	E (5Y7.5/1)	IVORY WHITE (5Y7.5/1)			CASING COLOR
5-100	%	ROL	CAPACITY CONTROL	0 O FAN	SIROCO		F			(PE	FAN TY	00	5-100		%	CAPACITY CONTROL
4.39 (2) + 6.39 (2)	KW	MPTION	POWER CONSUMPTION		56		*		BYPASS MODE	CONSUMPTION	CONSI	6.39 (2)	4.39 (2) + 6.39 (2)		N KW	POWER CONSUMPTION
153,450 + 191,100	BTUH				49		*		HEAT EXCHANGER	AU .	POWE	191,100	153,450 + 191,100		BTU/h	
38,676 + 48,172	KCAL/H		WOULING UNF A		- 11		++		LOW			48,172	38,676 + 48,172	h	KCAL/h	
45 + 56	KW	Į		150	150		E Pa	GH AIRFLOW RATE	ULTRA-HIGH	& STATIC PRESSURE	& STA	56	45 + 56	100	KW	COOLING CAPACITY
12.79 + 15.93	TR				180				ULTRA-HIGH	TER RATE		15.93	12.79 + 15.93		TR	
3Ph/380-415V/60Hz			POWER SOURCE	INA IOV/50HZ	1PH/220-24					POWER SUPPLY	POWE	15V/60Hz	3Ph/380-415V/60Hz			POWER SOURCE
2			QUANTITY	5 OOR	2ND FI					TION	LOCAT					QUANTITY
ACCU-2F.B		ON	UNIT DESIGNATION	2F.A	ERV-2F.					UTITY	QUANTITY	-2F.A	ACCU-2F.A			UNIT DESIGNATION
ISING UNIT (ACCU)	OLED CONDENSING	AIR COOLED				R (ERV)	RY VENTILATOR	ENERGY RECOVERY VENTILATOR (ERV)		-		1	AIR COOLED CONDENSING UNIT (ACCU)	LED CONDENS	AIR COO	
SAMSUNG			BRAND:	SAMSUNG			BRAND:	SAMSUNG		9	BRAND:	SAMSUNG	SAMS			BRAND:
VP25 (EXTERNAL DIA, 32/ DIA, 25)	MM	DRAIN		Ø22.2 PS1B FEMALE THREAD	G) MM	(BRAZING DRAIN	CONNECTIONS	VP25 (EXTERNAL DIA, 32/INTERNAL DIA, 25)	MM		5.9 25)	INTERNAL	EXTERNAL			CONNECTIONS (FLARE) DRAIN
Ø 12.7	MIM	(FLARE)	PIPING	Ø9.5		(FLARE)	PIPING	Ø 12.7		CONNECTIONS (FLARE)	Ø 9.5 PIPING		4 Ø 6.4	Ø 6.4	MM	
Ø 6.4		(FLARE)		470X1240X1040 123		GHT	MACHINE WE	Ø 6.4	M	(FLARE)	12.5		$\left \right $	12.5	KG	MACHINE WEIGHT
21	KG	-1	MACHINE WEIGHT	47	dB(A)	EL	SOUND LEVEL	21	KG	MACHINE WEIGHT	(243		298)	298	MM	DIMENSION (HxWxD)
890X230X575	MM	(WXD)	DIMENSION (H X W	UNWOVEN CLOTH FILTER			AIR FILTER	890X230X575	MM	DIMENSION (HxWxD)	6/1/494 47/41 DIMEN		18 550/424 3 42/37) 39/33	dB(A)	ND LEVEL (H/L)
318/230	CFM		(HH/H/L)	257 SYNTHETIC FIBER	Pa	ESP	T	318/230 34/28	dB(A)	(HH/H/L) SOUND LEVEL (H/L)					Ma/MIN	AIRFLOW RATE (HH/H/L)
9/6.5	NIW/6W		AIRFLOW RATE	35	2	AIR FLOW	FAN	GALVANIZED STEEL PLATE 9/6.5	M3/MIN	ASING RFLOW RATE	2Q		WHITE (3.0Y8.5/0.5)		$\left\{ \right\}$	CASING
0.014 (2) GAI VANIZED STEEL DI A	KW	NPTION	POWER CONSUMPTION	GALVANIZED STEEL PLATE			CASING	5.28 0.014 (2)	KW	R CONSUMPTION						ER CONSUMPTION
4,530	BTUIH	CITY	COOLING CAPACIT	28.02	KW KW	SUMPTION	POWER CON	4,536 18,000	KCAL BTUH	COOLING CAPACITY			0 20,000		BTUH	COOLING CAPACITY
11-H/ZU8V-ZJU/ 601 1.50	TR		POWER SUPPL	24,070	KCALIh	PACITY	COOLING CAPACITY	1PH/208-230V/60HZ 1.50	TR	R SUPPLY		11			TR	
4010000/ 000/ 000			QUANTITY	1PH/230V/60HZ 7.96	TR	IRCE	POWER SOL			QUANTITY	2 QUANT	230/60HZ	1PH/208V-	2		QUANTITY POWER SUPPLY
FCU-2F.B.1 TO 2F.B.3		ON I	UNIT DESIGNATION	1 2ND FLOOR			QUANTITY	FCU-2F.A.10 TO FCU-2F.A.12		DESIGNATION	& 2F.A.4 UNIT D		2 TO 2F.A.9	2F.A.2		UNIT DESIGNATION
CASSETTE (2 WAY FLOW)	CUPOLITE IE			FAILT A		And a state of the							×			

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BRAND:	CONNECTABLE OUTDOOF	UNIT AMBIENT CONDITION	CONNECTION DUCT DIAM MACHINE WEIGHT	DIMENSIONS	HEAT EXCHANGER SYSTEM HEAT EXCHANGER ELEMENT AIR FILTER	JLATING	EFFICIENCY (COOLING)	ENTHALPY EXCHANGE	TEMP. EXCHANGE EFFICIENCY	(220/230/240V)	SOUND LEVEL	FAN TYPE MOTOR OUTPUT	CONSUMPTION	POWER		& STATIC PRESSURE (NOTE 7)	AIR FILTER RATE	POWER SUPPLY	UNIT DESIGNATION QUANTITY LOCATION	BRAND:	DRAIN	PIPING GAS CONNECTIONS (FLARE)	MACHINE WEIGHT	DIMENSION (H X W X D)	SOUND LEVEL (H/L)	AIRFLOW RATE	POWER CONSUMPTION	COOLING CAPACITY	POWER SUPPLY	UNIT DESIGNATION	
	RUNITS	2	ETER	WIDTH			LOW	ULTRA-HIGH	ULTRA-HIGH HIGH LOW	BYPASS MODE	HEAT EXCHANGER MODE		BYPASS MODE	HEAT EXCHANGER	LOW	ULTRA-HIGH	ULTRA-HIGH				V MM VP25 (VRE) MM	KG	MM 2	dB(A)	M³/MIN	KW	KCAL BTU/H	R		AN COIL UNIT (FCU) - WAL

ISAAC S. DAVID 5

VIRGILIO A. MADRAZO

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ALEREDO R. REVILLA

BANDAR HEBAT BUILDERS, INC.

CERTIFIED B D BY: INDEPENDENT CONSULTANT TCGI ENGINEERS Att AF Falso Ridg, IND LA Ruffe BJ, Laganger Village Medial City, 1220 Philippines * Tai. Into. 8 (178311 to 10

MITTED BY

SUB

PROJECT TITLE: AS-BUILT [NGAC PH ATHLETICS (MECHAI NEW CLARK CITY		RA (NOTE 9)	AROUND UNIT OA (NOTE 9)		TT							LOW	LOW ULTRA-HIGH	ULTRA-HIGH HIGH	LOW	HIGH	LOW	PRESSURE	PRESSURE AIRFLOW RATE	AIRFLOW RATE STATIC	AIRFLOW RATE STATIC				SAMSUNG		Ø 12.7		12.50	298X1065X243	530/424 39/33		0.032	20,000	1.67 5.050	1	FCU-2F.B.4
				KG	MM				%		%	dB(A)		dB(A)	KW	W	×	Pa	M ³ /H	M ₂ H	M ³ /H						Ø 15.9	Ø 9.5	12.50	298X1065X243	671/494 47/41	19/14	0.032	23200	1.93 5836	1	FCU-2F.B.5
VING DIUM S TARLAC		B, 80%RH OR LI	°C-40°C DB, 809 5°C-40°C DB, 80		38/ 1,764 1,214	SPECIALLY PRC MULTI-DIR	AIR TO AIR CROSS FLOW TOTAL HEAT	GAL' SELF-EXTIN	64	64	76	36/36.5/37 33.5/34.5/35.5	33.5/34.5/35.5 38/38.5/39	0.200 X 2 38/38.5/39 36/36.5/37	420 SIROCCO FAN	490	490	110	150 440	500	500	R-401A	2ND FLOOR 1.45	ERV-2F.B.1	BRAND:	URAIN	CONNECTIONS (FLARE)	PIPING (FLARE)	WEIGHT	DIMENSION (H X W X D)	(HH/H/L)		POWER CONSUMPTION	COOLING CAPACITY	POWER SUPPLY	QUANTITY	
EQUIPMENT SCH	SAMSUNG	0°C-40°C DI Y1 RX(Y)Q5-54PA)	-15°C-40°C D		38 1,7 1,2	SPECIALLY PROCESSED NONFLAMMABLE PA MULTI-DIRECTIONAL FIBROUS FLEECE	HEAT EXCHANGER)	ZED STEEL PLATE	6	6	70 70	36/38	35/36 40/40	40/40 38/38	48 SIROCC	57	57	77	82	89.0	10	1PH/200-2	2ND F	ERV-2	SA		VP25 (EXTER	MM		MM 1000 >		GALVA		BTUH 2	1P	FCU-2F.E	
CHEDULE M1-02		3, 80%RH OR LESS 1, RX(Y)Q16-50PAHY1	B, 80%RH OR LESS	4 50	387 1,764 1,214	IPER	INSIBLE + LATENT		6			.5/39 /36.5	/36.5 .5/41	.5/41 .5/39	20 FAN		480		80			01A 400//50H7	LOOR	RV-2F.B.2	SAMSUNG	DIA, 25)	AL DIA. 32/INTERNAL	99.52	21.00	38/32 < 66 × 1000	65/388	D STEEL PLATE	7.00	6,048	H/220V-240/60HZ 2.00	2F.B.6 TO 2F.B.13 8	

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	here	
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BRAND:		PIPE CONNECTIONS		REFRIGERANT	of Light Children	OPERATION RANGE	SOUND LEVEL	MACHINE WEIGHT	DIMENSIONS (H X W X D)	AIRFLOW RATE		COMPRESSOR	CASING COLOR	CAPACITY CONTROL	POWER CONSUMPTION		COOLING CHEACILI	COOL INC CADACITY		POWER SOURCE	QUANTITY	UNIT DESIGNATION		DIVIND,	BBAND.	DRAIN	CONNECTIONS GAS (FLARE)	LIQUID (FLARE)	MACHINE WEIGHT	DIMENSION (H X W X D)	SUUND LEVEL (HIL)		(HH/H/L)		CASING	POWER CONSUMPTION		CUULING CAPACITY			POWER SUPPLY	QUANTITY		UNIT DESIGNATION		a norther and the	
	1																									MM		M	KG	MM	(A)BD	CFM	MIM/MIN			W	KW	BTUh	KCAL/h	TR						FAN COIL UN	VI-UI
																										VP25 (EXT	Ø 12.7	Ø 6.4	9.0	285X820X227	36/29	300/194	0.0/0.0	0.00	11 414	0.017	3.52	12.000	3,024	1.00		4	3F.A.6 & 3F.A.7	FCU-3F.A.3, 3F.A.4,		FAN COIL UNIT (FCU) - WALL MOUNTED TYPE	I A LOON
	CUD	CAS									MOTOR OUTPUT -	TYPE												CALOCIANO	CAMCING	VP25 (EXTERNAL DIA, 32/INTERNAL DIA, 25)	Ø 12.7	Ø 6.4	12.5	298X1065X243	39/33	424/318	6/71		WHITE (3.0Y8 5/0 5)	0.032	5.30	18.000	4,536	1.50	1PH/208V-230/60HZ	2		FCU-3F.A.2 & 3F.A.5		ITED TYPE	NIV (VIC
	IMIM	MM	NU	5	000	°CDB	DB(A)	KG	MM	NIMICM	KW			%	KW	BTU/h	KCAL/h	KW	R							L DIA, 25)	Ø 12.7	Ø 6.4	12.5	298X1065X243	42/37	530/424	71/61	1740	AAAIA	CEU U	5.90	20.000	5,050	1.67		1		FCU-3FA1			
																							AIR COOLED CONDENSING UNIT (ACCU)		BEAND.		CONNECTIONS	PIPING GAS (FLARE)	LIQUID (FLARE)	MACHINE WEIGHT	DIMENSION (H X W X D)	SOUND LEVEL (H/L)	(HH/H/L)	AIDEI OW/ DATE	CACINO CONCOM LICH	POWER CONSUMPTION		COOLING CAPACITY			POWER SUPPLY	QUANTITY	UNIT DESIGNATION		MOUNTED	FAN COI	
											and the second se	HERMETICALL	N	the second se									UNIT (ACCU)	ONDOWING	SAMSING		MM VP25 (EXTERNAL DIA, 32/INTERNAL	MIM Ø 12.7			MM 1000X66X1000		CFM 565/477/388	GALVANI	CALVANIZED OTEE		KW 5.28				1PH/208V-230/60HZ	1	FCU-3F.A.8		MOUNTED CASSETTE (ROUND FLOW)	UNIT (FCU) - CEILING	
SAMSUNG		0 98 6 (RDATING)	0.340.5 0.197 (RBA7ING)	K-41UA	-0 10 40	-5 TO 49	61 (2)		(1695X880X765) (2)	157+233		CALLY SEALED SCROLL TYPE	IVORY WHITE (5Y7.5/1)	7-100	6.39 (2)	114,576 + 114,576	28,879 + 28,879	33.60 + 33.60	9.55 + 9.55	3Ph/380-400V/60Hz	2	ACCU-3F.A		an and a second	BRAND:	DRAIN	CONNECTIONS GAS (BRAZING)	PIPE	LIQUID (FLARE)		DIMENSIONS (HxWxD) A		AIR FILTER	ESP	FAN RATE	FIOW	CASING			COOLING CAPACITY KO		POWER SOURCE	LOCATION			FRE	
																								Chine and Chine	SAMSLING	0.D. 32	Ø15.9	M	Ø9.5		MM 380X1000X900	CLUI	SYNTHET	Pa 219		U6 NIMIEN	GALVANIZED STEEL PLATE		BIU/h 47,800			1PH/208-230V/60HZ	3RD FLOOR	FAI-SF.A.1 & SF.A.2	and the second se	FRESH AIR INTAKE (FAI)	
BRAND:	GAS	CONNECTIONS		REFRIGERANI	TYPE	OPERATION RANGE	SUUND LEVEL		MACHINE WEIGHT	DIMENSIONS (H X W X D)	AIRFLOW RATE	MOTOR OUTPUT	COMBBEESSOB TYPE	CASING COLOR	CAPACITY CONTROL	POWER CONSUMPTION			COOLING CAPACITY		FOMEN SUDNUE	QUANTITY BOWED SOLIDCE			AIR COOL	BRAND:		DRAIN	CONNECTIONS GAS (FLARE)	LIQUID (FLARE)	MACHINE WEIGHT	DIMENSION (H X W X D)		(HHHHIL)	AIDELOW DATE	CASING	POWER CONSUMPTION		COOLING CAPACITY		POWER SUPPLY	QUANTITY	UNIT DESIGNATION			FAN COIL UNIT (VINV OT OT LIVI-OF.D
	MM		MM	KG		°CDB	na(N)		KG	MM	Ma/MIN	T KW	Н		%	KW	BTU/h	KCAL/h	KW	IK	3				AIR COOLED CONDENSING UNIT (ACCU)			MM		MM	KG	MM	dB(A)	NIM/M		1 100	KW	BIUM	KCAL/h	TR					(ROUND FLOW	(FCU) - CEILING N	
SAMSUNG	Ø 28.0 (BRAZING)		Ø 12 7 (BRAZING)	6.5	R-410A	-5 TO 49	62	212	240	(1.657x930x765)	178	5.2 x 1	HERMETICALLY SEALED SCROLL T	IVORY WHITE (5Y7.5/1)	15-100	6.39	114,576	28,848	33.60	9.54	ארוואסט-דעטעאוטטרע	1 2DUIDON ANNVIENUT	ACCU-SF.B		UNIT (ACCU)	SAMSUNG	(are to an an error	INTERNAL DIA 251	Ø 15.9	Ø 9.5	24	1000X66X1000	1112,45/847.58	32/26/20		GAI VANIZED STEEL DI ATE	14.07	40,000	12,096	4.00	1PH/208V-230/60HZ	2	FCU-3F.B.1 & 3F.B.2		(ROUND FLOW)	OUNTED CASSETTE	(ST FLOOR)
BRAND:	CONNECTABLE		UNIT AMBIENT CONDITION		MACHINE WEIG	CONNECTION		DIMENSIONS		AIR FILTER		HEAT EXCHANGER EI EMENT	TYPE HEAT EXCHANGER SYSTEM		INSI II ATING MATERIAI	CASING	(COOLING)	EFFICIENCY	ENIHALPY		EFFICIENCY	TEMP EXCHANGE		(220/230/240V)	NOTE 5		MUTUR UUTPUT	FAN TYPE			CONSUMPTION	DOWED			(NOIE 7)	PRESSURE	& STATIC	AIR FILTER RATE		POWER SUPPLY	REFRIGERANT	TR	LOCATION	QUANTITY	UNIT DESIGNATION		
	TABLE OUTDOOR UNITS	RA (NOTE 9)			HT	TION DUCT DIAMETER	DEPTH	WIUH	HEIGHT	LUBIOLITY		JER EI EMENT	BER SYSTEM		ATERIAI		LOW	HIGH	ULTRA-HIGH	LOW	_	ULTRA-HIGH	BYPASS MODE HIGH	ULTRA-HIGH		EXCHANGER HIGH		1	LOW	BYPASS MODE HIGH			HEAT ULTRA-HIGH		AIRFLOW RATE	STATIC PRESSURE	ULTRA-HIGH		III TRA-HIGH AIRFLOW RATE							ENERGY RECOVER	
	R				KG	MM		MM		ML			(SEN	All				%			%		dB(A)			dB(A)	NW	500		W			5	Pa	H/s/H	Pa	-	RE Pa	H/6M							ENERGY RECOVERY VENTILATOR (ERV)	
SAMSUNG	RX(Y)Q5-54PAY1, RX(Y)Q16-50PAHY1	O°C-40°C DB, 80%RH OR LESS	-15°C-40°C DB, 80%RH OR LESS	O°C-40°C DB, 80%RH OR LESS	109	Ø250	1,214	1,/04	38/	JLTI-DIRECTIONAL FIBROUS FLEECE		SPECIALLY PROCESSED	(SENSIBLE + LATENT HEAT) EXCHANGER)	TO AIR CROSS EI OW TOTAL HEAT	SEI E-EXTINGI IISHARI E IIRETHANE EDAN	GAI VANIZED STEEL DI ATE	68	66	66	79	78	78	37.5/38/39 34.5/36/37	40/41/41.5	34.5/36/37	40/41/41.5	0.200 X 2	SIROCCO FAN	470	560	620	470	620	80	640	120	750	170	750	1PH/220-240V/50HZ	R-401A	2.98	3RD FLOOR	1	ERV-3F.B		

BRAND:		PIPE CONNECTIONS		REFRIGERANT		OPERATION RANGE	SOUND LEVEL	MACHINE WEIGHT	DIMENSIONS (H X W X D)	AIRFLOW RATE	AIDELOW DATE	COMPRESSOR	CASING COLOR	CAPACITY CONTROL	POWER CONSUMPTION			COOLING CAPACITY		POWER SOURCE	QUANTITY		LINIT DESIGNATION		BRAND:	DRAIN	CONNECTIONS GAS (FLARE)		MACHINE WEIGHT		XD	SOUND LEVEL (H/L)	(HHVHVL)	NRATE			POWER CONSI IMPTION		COOLING CAPACITY			POWER SUPPLY	QUANTITY	UNIT DESIGNATION		F	
																										MM VP2	Ø 12.7	MM Ø 6.4	KG 9.0		780		CFM 300/194	M ⁹ /MIN 8.5/5.5	T				BTU/h 12.000		TR 1.00	-	4	3F.A.6 & 3F.A.7	FCU-3F.A.3, 3F.A.4,	FAN COIL UNIT (FCU) - WALL MOUNTED TYPE	
	CAD	CAS		CHARGE	TYPE						MUTOKOUIPUT	ITPE													SAMSUNG	VP25 (EXTERNAL DIA, 32/INTERNAL DIA, 25)	Ø 12.7	Ø 6.4	12.5	CHAVOON VOGT	DOBY 10REYDAD	39/33	424/318	12/9	WHITE (SUTO SUUS)	WILITE /2 OVO E/O E/	CSU U	530	18.000	4 536	1.50	1PH/208V-230/60H7	2	7 FUU-3F.A.2 & 3F.A.5		MOUNTED TYPE	
	IMIM	MM	MM	KG		CDB	DB(A)	KG	MM	NIMI	WN	INW I		%	KW	nuig	NUALIN	NW	IK							IL DIA, 25)	Ø 12.7	Ø 6.4	C71	C-2001 10027	2VCA38ULABOO	42/37	530/424	15/12		1.004	000	500	20.000	5 050	1.67		1	FCU-3F.A.1			
							and the second																	AIR COOLED CONDENSING UNIT (ACCU)	BRAND:		DRAIN	PIPING GAS (FLARE)		MACHINE WEIGHT	DIMENSION (H X W X D)		SOUND I EVEL (H/L)	AIRFLOW RATE	CASING		DOWER CONSI IMPTION		COOLING CAPACITY		POWER SUPPLY		QUANTITY	UNIT DESIGNATION	in a second seco	FAN CO	
																								3 UNIT (ACCU)			MM MM		E) MM	KG	MM	Adam	dR(A)	Mimin		+	KW NW		KCALh	TR					o mort - france	FAN COIL UNIT (FCU) - CEILING	
		8	8						(169			HERMETICALL				11	2			JPD					SAMSUNG		VP23 (EXTERNAL DIA, 32/INTERNAL		Ø 6.4	21	1000X66X1000	67100	22/20	16/13.5/11	GALVANIZED STEEL PLATE	0.000	0.02	E 00	4,536	1.50	1PH/208V-230/60HZ		4	FCU-3F.A.8		HG .	
SAMSUNG	סיס (בוערביוואס)	0 98 6 (BRAZING)	0 19 7 (BRAZING)	D 7+ D 7	R-410A	-5 TO 49	61 (2)	210 + 210	(1695X880X765) (2)	15/+233	(2) ec.0	ALLY SEALED SCRULL IYPE		7-100	0.39 (2)	114,570 + 114,570	20,079 + 20,079	33.00 + 33.00	9.55 + 9.55	SPN/380-400V/BUHZ	2		ACCIL3E A		BRAND:	DRAIN	_	CONNECTIONS GAS (BRAZING) MM	LIQUID (FLARE)	MACHINE WEIGHI KG		SOUND LEVEL dB(A)		-	T	-	AIR FLOW MOMIN	CASING	DOWER CONSIMPTION KW		COOLING CAPACITY KCALIN	TR	POWER SOURCE	QUANTITY	UNIT DESIGNATION	FRESH A	
																+									SAMSUNG	0.D. 32	8010.8	CHED	Ø9.5	c/	380X1000X900	33	LTER (LONG LIFI	SYNTHETIC FIBER UNWOVEN	535 219	0.0	OUL TIMELO OL LEL I DILE	GAI VANIZED STEEL PLATE	0 183	47,800	12,045	3.98	1PH/208-230V/60HZ		FAI-3F.A.1 & 3F.A.2	FRESH AIR INTAKE (FAI)	
BRAND:	GAS	CONNECTIONS		CHARGE	REERIGERANT	UPERATION RANGE		SOUNDIEVEI	MACHINE WEIGHT	DIMENSIONS (H X W X D)	AIRFLOW RATE	MOTOR OUTPUT	COMPRESSOR IYPE	LASING COLUK		CABACITY CONTEON	DOWER CONSI IMPTION		COOLING CAPACITY			POWER SOURCE	QUANTITY	UNIT DESIGNATION	AIR COO	DIVINU.	BOAND.	DRAIN	CONNECTIONS	-	-				AIRFLOW RATE	Choine	CASING CONSUMPTION		CUOLING UAFACIET	COOLING CABACITY	T CITELY COL	POWER SUPPLY	OLIANTITY	UNIT DESIGNATION		FAN COIL UNIT	
	MM		MM	KG		"CDB		DB(A)	KG	MM	NIM/eM	-			70	0/	KW	BTUM	KCAL/h	KW	TR				AIR COOLED CONDENSING UNIT (ACCU)			MM		MM	+	MM	dB(A)	CFM	Miw/em		KW	NW	BTU/h	KCAL/h	TR				hoore - cont	FAN COIL UNIT (FCU) - CEILING MOUNTED CASSETTE	
SAMSUNG	Ø 28.6 (BRAZING)		Ø 12.7 (BRAZING)	6.5	R-410A	-51049	110.00	RS	210	(1,657x930x765)	178	5.2 x 1	DSCROLL	IVURT WHILE (ST / .S/ I)	NODY WILITE /EVT EIA	15 100	00.9	114.576	28.848	33.60	9.54	3PH/380-400V/60HZ		ACCU-3F.B	VIT (ACCU)	DNIDCIMUC	CANCINO	INTERNAL DIA, 25)	VP25 (EXTERNAL DIA. 32)	C'RØ	207 24	UUU X00XUUUI	43/32	1112.45/847.58	32/26/20	SUPPORT STEEL POIL	CAI VANIZED STEEL DI ATE	14.07	48,000	12,096	4.00	4PH/208V-230/60HZ	0	FCU-3F.B.1 & 3F.B.2		NTED CASSETTE	
BRAND:	CONNECTABLE C		UNIT AMBIENT CONDITION		MACHINE WEIGH	CONNECTION DU		DINICIVOIONO	DIMENSIONS		AIR FILTER	HEAT EXCHANGE	TYPE MENT ENVIRONMENT	LEAT	INSULATING MATERIAL	CASING	(COOLING)	EFFICIENCY	EXCHANGE	ENTHALPY	EFFICIENCY	TEMP. EXCHANGE			(NOTE 5)	SOUND LEVEL		MOTOR OUTPUT	FAN TYPE		CONSUMPTION	POWER				(NOTE 7)	PRESSURE	& STATIC	AIR FILTER RATE		POWER SUPPLY	REFRIGERANT	TR	LOCATION	OI IANTITY		
	IECTABLE OUTDOOR UNITS	RA (NOTE 9)	_			NECTION DUCT DIAMETER		NEDTH	WINTH	HEIGHT		EXCHANGER ELEMENT		TO EVETEN	TERIAL		LOW			III TRA-HIGH		-		BYPASS MODE HIGH de	MODE LOW	ANGER HIGH	HEAT ULTRA-HIGH			BYPASS MODE HIGH		MODE LOW	INGER		LUW STATIC PRESSURE	AIRFLOW RATE	ULIKA-HIGH	1	ULTRA-HIGH						ON	ENERGY RECOVERY VENTILATOR (ERV)	
SAMSUNG	RX(Y)Q5-54PAY1, RX(Y)Q16-50PAHY1	O°C-40°C DB, 80%RH OR LESS	-15°C-40°C DB, 80%RH OR LESS	O"C-40"C DB, 80%RH OR LESS	ROL	00200 MM			MM 1784	387	MULTI-DIRECTIONAL FIBROUS FLEECE	SPECIALLY PROCESSED	(SENSIBLE + LATENT HEAT) EXCHANGER)	AIR TO AIR CROSS FLOW TOTAL HE	SELF-EXTINGUISHABLE URETHANE FOAM	GALVANIZED STEEL PLATE	68	8		86		78	34.3/30/3/	dB(A) 37.5/38/39	34.5/36/37 40/41/41 5	dB(A) 37.5/38/39		KW 0.280 x 2	SIROCCO FAN	W 560		470	W 560			M ³ /H 640		M ⁹ /H 750		M ³ /H 750	1PH/220-240V/50HZ	R-401A	2.98	3RD FLOOR	ERV-3F.B		

MME T	OWNER: NGAC PHASE 1 JV		BRAND:			CONNECTIONS	PIPING		INICCULINE VI	(HXWXD)	DIMENSION	SOLIND I EVEL (HA)	AIRFLOW RATE	CASING	POWER CONSUMPTION		COOLING ON THE	CODI INC CA		POWER SUPPLY	QUANTITY	UNIT DESIGNATION		
VIVENCIO BUDIZON	C PHASE 1 J			-	DRAIN	VS (FLARE)	GAS	(FLARE)	LIQUID		- (111-)	I (H/I)	IE	1	SUMPTION			DACITY		PLY		ATION		FAN COIL UNIT (FCU) - WALL MOUNTED TYPE
No Con	V COMPANY				MM		IANA	MM	10	MM	-	CFM	MIM/8M		KW	KW	BTUM	KCALJh	TR					IT (FCU) - WA
AND			SA		VP25 (EXTI		Ø 12.7	10 0.4	a.u	1ZZX0L8XG8Z	67100	300/194	8.5/5.5	WHITE	0.017	3.52	12,000	3,024	1.0	1PH/220	5	TO 3F.C.5	FCU-3F.C.1	LL MOUNTED
MD Clark, the TRICK NICHOLAS P.DAVID			SAMSUNG		VP25 (EXTERNAL DIA, 32/ INTERNAL DIA, 25)		Ø 12.7	10 0.4	6.31	298X1065X243	10/74	530/424	15/12	WHITE (3.0Y8.5/0.5)	0.032	5.90	20,000	5,050	1.67	1PH/220V-240/60HZ	1	FCU-3F.C.b		TYPE
P.DAVID	Care Co		BRAND:			CONNECTIONS	PIPING		MACHINE WEIGHT			(HH/H/L)	AIRFLOW RATE	CASING	POWER CONSUMP	DOWED OF		COOLING CAPACIT		POWER SUPPLY	QUANTITY	UNIT DESIGNATION		
	PREPARED BY:			-	DRAIN	IONS (FLARE)	GAS	(FLARE)	VEIGHT	N (H X W X D)	VEL (H/L)		RATE		NOTLAINDENC			CAPACITY		JPPLY		GNATION		FAN COIL
					MM VF		MM	:	KG	MM	dB(A)	CFM	M3/MIN		NN	NW	BTU/h	KCAL/h	TR	-		P		FAN COIL UNIT (FCU) - CEILING MOUNTED CASSETTE (ROUND FLOW)
HILMARC'S CONSTRUCTION CORPORATION INSEE FOORIGUEZ SR. AVENUE CUBAO, QUEZON CITY THE #(02)864-4152 to 58 EMAIL: WWW.hoc.com.ph ANGELITO L. OLLERES PROJECT MANAGER			SAMSUNG		VP25 (EXTERNAL DIA, 32/INTERNAL DIA, 25)	171.0	Ø 197	Ø 6.4	21	1000X66X1000	39/33	530/388	15/11	STEEL PLATE	Can'n	0.005	18,000	4,536	1.50	1PH/220V-240/60HZ	2	FCU-3F.C.7 & 3F.C.8	1	ING
AVENUE CUBAO, QUEZON CITY AVENUE CUBAO, QUEZON CITY EMAL: WWW.hecom.ph C. OLLERES			BRAND:		_	DIDING		DIMENSIO	SOUND LEVEL				FAN		CASING	POWER C		CUULING CAPACIT					UNIT DESIGNATION	
	R			DRAIN	IONS GAS (BRAZING)	(FLARE)		UIMENSIONS (HXWXU)	IVEL			ESP	RATE	AIR FLOW		POWER CONSUMPTION		UNPALIT		CONVE			GNATION	FRES
	VIEWED AND V				IG) MM		NG	MM	dB(A)			Pa	CFM	WI M3/MIN		KW	KW	BTU/h	KCAL/h	R				FRESH AIR INTAKE (FAI)
FILIPINA Architectural Philipina Email: Manooglina	REVIEWED AND VALIDATED BY:		SAMSUNG	0.D. 32	Ø15.9	Ø9.5	cl	380X1000X900	33	FILTER (LONG LIFE	SYNTHETIC FIBER	219	318	SIEEL PLAIE	GALVANIZED	0.183	14	47800	12,045	3.98	10HIDDONIEDHZ	1	FAI-3F.C	AI)
FILIPINAS DRAVO CORPORATION Architectural & Engineering Consultants Photor Attra Metabore 1997 10:45 Function Book 42: 14:45 For City Englishing Compton City Englishing Consultants Abject Compton City Provident Compton City Englishing Consultants			BRAND:		CONNECTIONS		REFRIGERANT			-				COMBDESSOD		CAPACI	POWER		COOLIN			QUANTITY	UNIT DE	
CORPOR Consultants Band 42 Justen Band 42 Justen Band 10 Justen Ba							ERANT TYPE	OPERATION RANGE	LEVEL	MACHINE WEIGHT	IONS	WRATE		TYPE	CASING COLOR	CAPACITY CONTROL	POWER CONSUMPTION		COULING CAPACITY		FOWER BOUNCE	TY	UNIT DESIGNATION	AIR COOLE
ATION	S					+	NCE KC	°CDB	DB(A)	KG	MM	Ma/MIN	KW			%	KW	BTUH	KCAL/h	KW	7			AIR COOLED CONDENSING UNIT (ACCU)
	SUBMITTED BY:		SAMSUNG		Ø 28.6 (BRAZING)	Ø 15 9 (BRAZING)	R-410A	-5 TO 49	64	307	(1,657x1295x765)	157 + 165	6.39 (2)	HERMETICALLY SEALED	IVORY WHITE (5Y7.5/1)	8-100	6.39 (2)	171,864	43,302	50.40	21100/00	1	ACCU-3F.C	B UNIT (ACCU)
ANDAR HE			E			1									_							VIENUS	ö	
BANDAR HEBAT BUILDE			BRAND:		CONNECTIONS	PIPING		MACHINE WEIGHT	DIMENSION	SOUND LEVEL (H/L)	(HH/H/L)	IDEI OW DATE	CACING CONOUN		COOLING CAPACITY		POWER SUPPLY	QUANTITY		UNIT DESIGNATION		FA	VRV	
V				DRAIN N	-	1			N		MT	M3	IUN		1	-				S .	UNOOF 1 F	FAN COIL UNIT (FCU) - CEILING MOUNTED	SYSIE	1011
•	CERTIFIED			MM 32/Ih	+	MM			MM	dB(A)			GALVANIZED	KW	BTUH	KCAI				FCU	Choose I LE (NOOND I LON)	(POIND EI OW	YSIEM-3F.D	
TCGI	CERTIFIED BY: INDEPENDENT CONSULTANT		SAMSUNG	32/INTERNAL DIA, 25)	WP25 (EXTERNAL DIA,	2450	Ø 9.5	24	365X947X947	43/38	32/20/20	PLATE	I.Val	10.55	36,000	9.072	1PH/220V-240/ 60HZ	10		FCU-3F.D.1 TO 3F.D.10	-	OUNTED	(ST	Di l
SI ENGINEERS	ENT CONSULTA		BRAND:			MACH	DIMEN	SOUN	AIR FILTER		FAN		STEEL CASING	POWE	-	2001				10 QUANTITY	UNIT		FLOOR)))))
EERS	INT				CTIONS	VE WEIGH	DIMENSIONS (HXWXD)	SOUND LEVEL	LTER	ESP		AIRF	G	POWER CONSUMPTION		COOLING CAPACITY		POWER SOURCE	TION	TITY	UNIT DESIGNATION			
	PROJ			URAIN	GAS (BRAZING)	LIQUID (FLARE)								X								FRESH AIF		
AS-BL	PROJECT TITLE:				MM	NG	MM	dB(A)	CLO	Pa SYNT	CFM	M3/MIN	1	KW	BTU/h	KCAL/h	TR					FRESH AIR INTAKE (FAI)		
UILT DRAV			SAMSUNG	0.0. 32	Ø15.9	C/9.5	380X1000X900	42	OTH FILTER (LONG LIFE)	219 NTHETIC FIBER UNWOVEN	318	9.0	GALVANIZED STEEL PLATE	0.183	47,800	12,045	3.98	1PH/208-230V/60HZ	3RD FLOOR	2	FAI-3F.D.1 & 3F.D.2			
AS DAX			BR	8	PIPE								1	CA	CA PO	B				88				
NG IUM TARLAC			BRAND:	NECTIONS	action and	REFRIGERANT	OPERATION RANGE	MACHINE WEIGHT	(HXWXD)	DIMENSIONS	AIDEI OW DATE	_		CASING COLOR	CAPACITY CONTROL	MED CONCI IM	COOLING CAPACITY		FOWER BOONDE	QUANTITY	UNIT DESIGNATION			
EQUIP	SHEET CONTENTS:			$\left \right $	LIQUID MM	m	E °CDB		MM	IN IN	Maywin	OUTPUT KW	ITHE	+	OL WW	1	KCAL/h		TR		Z			
EQUIPMENT SCHEDULE	ENTS:	- 					8				Z			HERMETICALLY		Vh	Jh I		-			AIR COOLED CONDENSING UNIT (ACCU)		
CHEDU			SAMSUNG	Ø 28.58 (3) (BRAZING)	Ø 15.88 (3) (BRAZING)	R-410A	-5 TO 49	307 (3)	(1657X1295X765)(3)	200.200	226722672266	6.39 (2) (3)	TYPE	RYN	3-100	171,864 (3)	43,302 (3)	50.4 (3)	14.32 (3)	3001300 1151	ACCU-3F.D	B UNIT (ACCU)		
	SHE	•	6	RAZING)	AZING)		0		(765)(3)	COT.	222	(3)		(5Y7.5/1) SEALED SCROLL	(0)	3	3)		VIDUTIE	TIONIT	E.D			
M1-03	SHEET NO.						-			1	1								-					

VIVENCIO B. DIZON	ANA		
PATRICK NICHOLAS P.DAVID	V Jourk Jan	ATTO Clark. Inc	

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IPMENT SCHEDULE

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Image: construction of the construction of
TEF-GF.2, GF.5, GF.4, GF.11, GF GF.17, GF.20, GF.23, GF.26, GF.29, GF.29, GF.29, GF.20, GF.23, GF.26, GF.29, GROUND AND SRD FLOOR Image: State of the sta

m D

100

45

1.4

8.9

6.4

5.4

UIPMENT SCHEDULE

24

8.5

89

24

2.9

5.8

5.4

GF.10, GF.15, F.27 & GF.28	TEF-2F,1 & 2F.2	TEF-3F.1 & 3F.2
	2	2
OR	2ND FLOOR	3RD FLOOR
	230/1/60	230/1/60
	495	214
	706	390
	250	200
NTRIFUGAL	IN-LINE CABINET (CENTRIFUGAL)	CASSETTE
	.3	0.065
	1155	509
	60.4	42
	18	10.4

	VING SHEET CONTENTS:	AS-BUILT DRAWING NGAC PHASE 1A ATHLETICS STADIUM	ENGINEERS	AN PL FILE OF LEVENSE	BAT BUILDERS, INC.
RA	NIAGARA				BRAND:
44		72			WEIGHT (Kg)
92		86			
1750		1150			FAN SPEED (R.P.M)
2.20		1.50			CONSUMPTION (KW)
VANE AXIAL		VANE AXIAL			
536		200			EXTERNAL STATIC PRESSURE (Pa
2700		6600	SELECTED		AIR VOLUME (CFM)
2648		7262	COMPUTED	0	
380-400 / 3 / 60	The second second	380-400 / 3 / 60			POWER SUPPLY (V/PH/Hz)
8				State of State	QTY.
GF.6 TO EF-GF.9 & FAF-GF.3 TO FAF-GF.6	EF-GF.6 TO	F-ES.1, FAF-ES.2, EF-ES.1 & EF-ES.2	FAI		UNIT DESIGNATION
			ID FLOOR	ST FAN (EF) - GROUND	FRESH AIR FANS (FAF) & EXHAUST
A	NIAGARA				BRAND:
22.5	19	22.5	22.5		WEIGHT (Kg)
51	54	51	51		NOISE dB (A)
1575	1400	766	766		FAN SPEED (R.P.M)
0.326	0.325	0.326	0.326		CONSUMPTION (KW)
WALL MOUNTED	WALL MOUNTED	WALL MOUTNED	WALL MOUNTED		TYPE
40	40	40	40		EXTERNAL STATIC PRESSURE (Pa)
8293 4240	3760	5650	5650	SELECTED	AIR VOLUME (CFM)
230/1/60	230/1/60	230 / 1 / 60	230 / 1 / 60	COUDITED	POWER SUPPLY (V/PH/Hz)
TRANSFORMER ROOM	LVSG	GENSET ROOM	PUMP ROOM		LOCATION
3	2	3	3		QTY.
EF-U.19, EF-U.20 & EF-U.21	EF-U.17 & EF-U.18	EF-U.14, EF-U.15 & EF-U.16	EF-U.11, EF-U.12, & EF-U.13		UNIT DESIGNATION
				UTILITY BUILDING NORTH EAST	EXHAUST FAN (EF) - UTILITY BUI
RA .	NIAGARA				BRAND:
22.5	19	22.5	6.1		WEIGHT (Kg)
51	54	51	63		NOISE dB (A)
1575	1400	1575	1400		FAN SPEED (R.P.M)
0.326	0.325	0.326	0.17		CONSUMPTION (KW)
WALL MOUNTED	WALL MOUNTED	WALL MOUNTED	WALL MOUNTED		TYPE
40	40	10	10		EXTERNAL STATIC PRESSURE (Pa)
4240	3769	4179	1530	SELECTED	AIR VOLUME (CFM)
8116	2200	8293	1000	COMPUTED	
230/1/60	230/1/60	230/1/60	230/1/60		POWER SUPPLY (V/PH/Hz)
GENSET	LVSG	TRANSFORMER ROOM	METERING VAULT		LOCATION
3	2	3	2		QTY.

| - <u>1</u> | | 18 | 38 905 | 0.127 | N RANGE | 100 | 160 | 230/1/60

 |

 | KRH-3F.1 | | | 18 | 1155

 | 0.375 | LINE CABINET (CENTRIFUGA

 | 250 | 400 | 230/1/60 | GROUND FLOOR | EF-GF.10, GF.11,
& GF.17 | | | |
 | | CENTRIFUGAL)
 | | |
 | | | 9, GF.10, GF.15,
, GF.27 & GF.28 |
|------------|--------|-------------|----------------------------------|--|---|---|--
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| | | | | | 1000 | | |

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 | | | | 14 | 997

 | 0.128 |

 | 365 | 200 | • | | 9 | | | 18 | 60.4
 | 1155 | IN-LINE CABINET (CENTRIFUGAL)
 | 250 | 706 | 495
 | 230/1/60 | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | TEF-2F,1 & 2F.2 |
| | | | | | | | |

 | A set a literation of the

 | | | | 18 | 1058

 | 0.19 | IGALIN-LINE CABINET (CENTRIFI

 | 471 | 354 | 230/1/60 | 3RD FLOOR | EF-3F.1 | | | 10.4 | 42
 | 509 | 0.065
 | 200 | 390 | 214
 | 230/1/60 | 3PD ELOOP | TEF-3F.1 & 3F.2 |
| | BRAND: | WEIGHT (Kg) | 70 | UMPTION | RNAL STATIC PRESSURE | | AIR VOLUME (CFM) | POWER SUPPLY (V/PH/Hz)

 | LOCATION

 | UNIT DESIGNATION | FRESH AIR FANS (FAF) & EXH | BRAND: | WEIGHT (Kg) | NOISE dR (A)

 | CONSUMPTION (KM) |

 | EXTERNAL STATIC PRESSURE | AIR VOLUME (CFM) | POWER SUPPLY (V/PH/Hz) | LOCATION | UNIT DESIGNATION | EXHAUST FAN (EF) - UTILITY (| BRAND: | WEIGHT (Kg) | NOISE dB (A)
 | FAN SPEED (R.P.M) | CONSUMPTION (KW)
 | EXTERNAL STATIC PRESSURE | | | | | | | |
 | JPPLY | QTY. | UNIT DESIGNATION |
| | 1 | | | | (Pa) | | 8 |

 |

 | | FAN (EF) - | | |

 | |

 | | COMPUTED | | | | BUILDING NORTH EAST | | |
 | |
 | (Pa) | SELECTED | COMPUTED
 | | | |
| | | | | | | LECTED | MPUTED | 1

 |

 | | FLOOR | | 22.5 | 766

 | 0.326 | WALL MOUNTED

 | 40 | 7940 | 230/1/60 | PUMP ROOM | 12, & EF-U. | | | 6.1 | 63
 | 1400 | 0.17
 | 10 | 1530 | 1000
 | 230/1/60 | 2
METEDING VALUE | EF-U.1 & EF-U.2 |
| | | 86 | 1150 | 1.50 | 200
VANE AXIAI | 6600 | 7262 | 380-400 / 3 / 60

 | 4 GROUND FLOOR

 | FAF-ES.1, FAF-ES.2, EF-ES.1 & EF-ES.2 | | | 22.5 | 766

 | 0.326 | WALL MOUTNED

 | 40 | 8116 | 230/1/60 | GENSET ROOM | EF-U.14, EF- | | | 22.5 | 51
 | 1575 | 0.326
 | 10 | 4179 | 8293
 | 230 / 1 / 60 | 3
TEANSEDBILEB BOOM | EF-U.3, EF-U.4 & EF-U.5 |
| | NIAGAR | | | | | | | ALL STREET

 |

 | EF-GF.6 TO | | NIAGAR | 19 | 1400

 | 0.325 | WALL MOUNTED

 | 3/69 | 2200 | 230 / 1 / 60 | LVSG | EF-U.17 & EF-U.18 | | NIAGAR | 19 | 54
 | 1400 | 0.325
 | 40 | 3769 | 2200
 | 230/1/60 | 2 | EF-U.6 & EF-U.7 |
| | | 92 | 1750 | 2.20 | 536
VANE AXIAI | 2700 | 2648 | 380-400 / 3 / 60

 | GROUND FLOOR

 | EF-GF.9 & FAF-GF.3 TO FAF-GF.6 | | A | 22.5 | 1575

 | 0.326 | WALL MOUNTED

 | 4240 | 8293 | 230/1/60 | TRANSFORMER ROOM | EF-U.19, EF-U.20 & EF-U.21 | | A | 22.5 | 51
 | 1575 | 0.326
 | 40 | 4240 | 8116
 | 230/1/60 | 3 | EF-U.8, EF-U.9 & EF-U.10 |
| | | NAGARA | B(A)
(Kg) 86
NAGARA NAGARA | ED (R.P.M) 1150 B (A) 86 (Kg) 72 12 NAGARA | CONSUMPTION (KW) CONSUMPTION (KW) FAN SPEED (R.P.M) FAN SPEED (R.P.M) NOISE dB (A) 1150 WEIGHT (Kg) 86 WEIGHT (Kg) 72 BRAND: 1150 | AL STATIC PRESSURE (Pa) 200 APTION (KW) VANE AXIAL VANE AXIA | SELECTED 660 EXTERNAL STATIC PRESSURE (Pg) 20 TYPE VANE AXIAL CONSUMPTION (NW) 1.50 FAN SPEED (R.P.M) 1150 NOISE dB (A) 88 WEIGHT (Kg) 72 NUXD: 72 | AR VOLUME (CFM) COMPUTED 7282 Image: CFM SELECTED 6800 1 Image: CFM Tripe 200 1 1 Image: CFM CONSUMPTION (KM) 1.50 1.50 1 1 Image: CFM Image: CFM Image: CFM 1.50 1 <td>Image: symple Former symple Compute Selected Selected<td>OTV. 4 4 IOCATION IOCATION</td><td>Import Import FAFES1, FAFES2 EFGF8 T0 EFGF 30 EFGF 3</td><td>FREMARE FANS (FAP) & EDHANST FAN (ED) - GROUND FLOOR UNT DESIGNATION FACE ES1, FACE S2, EFE S1 & EFE S2 EFE GF S1 TO EFE GF S3 EFE GF S3 EFE GF S1 TO EFE GF S3 EFE GF</td><td>Image: Image: Image:</td><td>Mod Mod Mod<td>697 1093</td><td>(13) <th< td=""><td>Image: Image: Image:<</td><td>m mon m mm m mon m mon</td><td>app sig couvering reg r</td><td>Image: manual series (1) Image: manual series (1) Image:</td><td>Nonvertical (N) Nonvertical (N) Nonvertica</td><td>******* ·************************************</td><td>MOTION CL CL COUNT CU CU 0 <</td><td></td><td>MODVN MODVN <th< td=""><td>******* ************************************</td><td>MODING Number of the second seco</td><td>reform model <t< td=""><td>MODM L MODM MODM</td><td>MOM Important Mom M</td><td>Motion IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>MOME Limited in the second in th</td><td>NOM Nom Nom Nom 0</td></t<></td></th<></td></th<></td></td></td> | Image: symple Former symple Compute Selected Selected <td>OTV. 4 4 IOCATION IOCATION</td> <td>Import Import FAFES1, FAFES2 EFGF8 T0 EFGF 30 EFGF 3</td> <td>FREMARE FANS (FAP) & EDHANST FAN (ED) - GROUND FLOOR UNT DESIGNATION FACE ES1, FACE S2, EFE S1 & EFE S2 EFE GF S1 TO EFE GF S3 EFE GF S3 EFE GF S1 TO EFE GF S3 EFE GF</td> <td>Image: Image: Image:</td> <td>Mod Mod Mod<td>697 1093</td><td>(13) <th< td=""><td>Image: Image: Image:<</td><td>m mon m mm m mon m mon</td><td>app sig couvering reg r</td><td>Image: manual series (1) Image: manual series (1) Image:</td><td>Nonvertical (N) Nonvertical (N) Nonvertica</td><td>******* ·************************************</td><td>MOTION CL CL COUNT CU CU 0 <</td><td></td><td>MODVN MODVN <th< td=""><td>******* ************************************</td><td>MODING Number of the second seco</td><td>reform model <t< td=""><td>MODM L MODM MODM</td><td>MOM Important Mom M</td><td>Motion IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>MOME Limited in the second in th</td><td>NOM Nom Nom Nom 0</td></t<></td></th<></td></th<></td></td> | OTV. 4 4 IOCATION IOCATION | Import Import FAFES1, FAFES2 EFGF8 T0 EFGF 30 EFGF 3 | FREMARE FANS (FAP) & EDHANST FAN (ED) - GROUND FLOOR UNT DESIGNATION FACE ES1, FACE S2, EFE S1 & EFE S2 EFE GF S1 TO EFE GF S3 EFE GF S3 EFE GF S1 TO EFE GF S3 EFE GF | Image: | Mod Mod <td>697 1093</td> <td>(13) <th< td=""><td>Image: Image: Image:<</td><td>m mon m mm m mon m mon</td><td>app sig couvering reg r</td><td>Image: manual series (1) Image: manual series (1) Image:</td><td>Nonvertical (N) Nonvertical (N) Nonvertica</td><td>******* ·************************************</td><td>MOTION CL CL COUNT CU CU 0 <</td><td></td><td>MODVN MODVN <th< td=""><td>******* ************************************</td><td>MODING Number of the second seco</td><td>reform model <t< td=""><td>MODM L MODM MODM</td><td>MOM Important Mom M</td><td>Motion IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>MOME Limited in the second in th</td><td>NOM Nom Nom Nom 0</td></t<></td></th<></td></th<></td> | 697 1093 | (13) (13) <th< td=""><td>Image: Image: Image:<</td><td>m mon m mm m mon m mon</td><td>app sig couvering reg r</td><td>Image: manual series (1) Image: manual series (1) Image:</td><td>Nonvertical (N) Nonvertical (N) Nonvertica</td><td>******* ·************************************</td><td>MOTION CL CL COUNT CU CU 0 <</td><td></td><td>MODVN MODVN <th< td=""><td>******* ************************************</td><td>MODING Number of the second seco</td><td>reform model <t< td=""><td>MODM L MODM MODM</td><td>MOM Important Mom M</td><td>Motion IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>MOME Limited in the second in th</td><td>NOM Nom Nom Nom 0</td></t<></td></th<></td></th<> | Image: Image:< | m mon m mm m mon m mon | app sig couvering reg r | Image: manual series (1) Image: | Nonvertical (N) Nonvertica | ******* ·************************************ | MOTION CL CL COUNT CU CU 0 < | | MODVN MODVN <th< td=""><td>******* ************************************</td><td>MODING Number of the second seco</td><td>reform model <t< td=""><td>MODM L MODM MODM</td><td>MOM Important Mom M</td><td>Motion IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>MOME Limited in the second in th</td><td>NOM Nom Nom Nom 0</td></t<></td></th<> | ******* ************************************ | MODING Number of the second seco | reform model model <t< td=""><td>MODM L MODM MODM</td><td>MOM Important Mom M</td><td>Motion IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII</td><td>MOME Limited in the second in th</td><td>NOM Nom Nom Nom 0</td></t<> | MODM L MODM MODM | MOM Important Mom M | Motion IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | MOME Limited in the second in th | NOM Nom Nom Nom 0 |

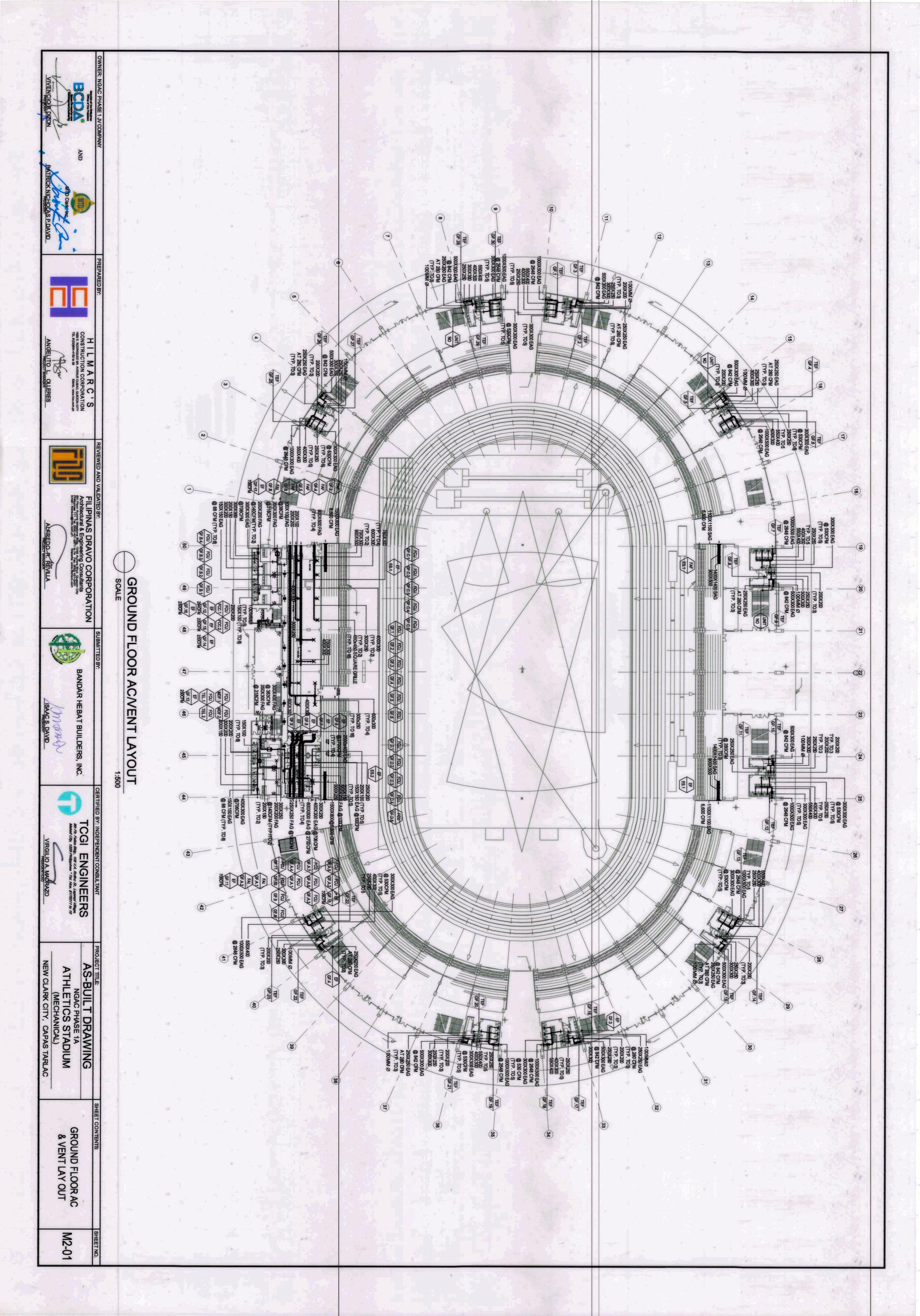
18	38	905	0.127	(ITCHEN RANGEHOOD	100	160	230/1/60	3RD FLOOR	1	KRH-3F.1	

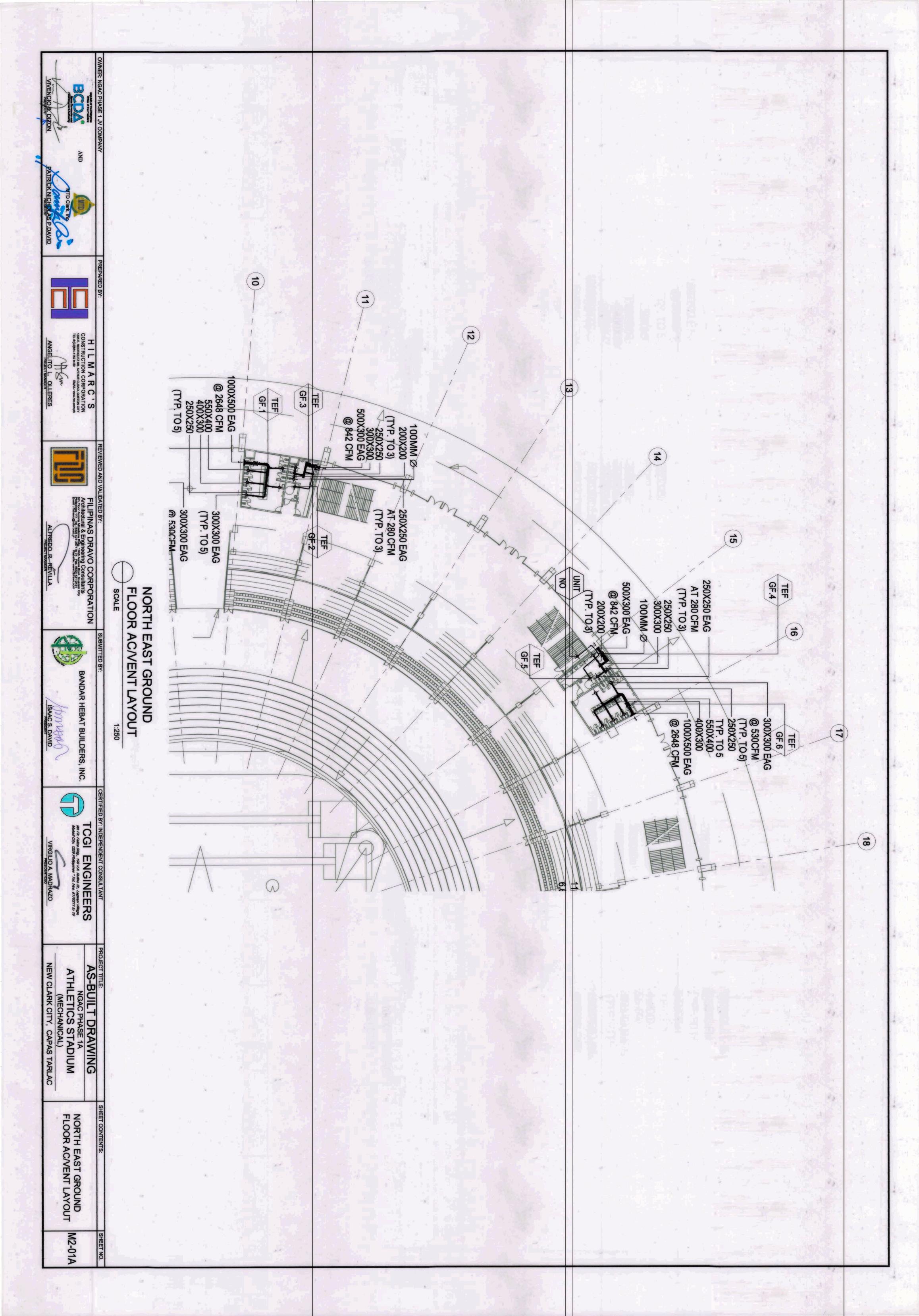
HEBAT BUILDERS, INC.	BRAND:	WEIGHT (Kg)	NOISE dB (A)		CONSUMPTION (KM)	EXTERNAL STATIC PRESSURE		AIR VOLUME (CFM)	POWER SUPPLY (V/PH/Hz)	LOCATION	UNIT DESIGNATION	FRESH AIR FANS (FAF)	BRAND:	WEIGHT (Kg)	NOISE dB (A)	FAN SPEED (R.P.M)	CONSUMPTION (KM)	TYPE	EXTERNAL STATIC PRESSURE	AIR VOLUME (CFM)	POWER SUPPLY (V/PH/Hz)	LOCATION	OTY.	UNIT DESIGNATION	EXHAUST FAN (EF) - UT	BRAND:	WEIGHT (Kg)	NOISE dB (A)	FAN SPEED (R.P.M)	CONSUMPTION (KW)	EXTERNAL STATIC PRESSURE		T	POWER SUPPLY (V/PH/Hz)	QTY.	UNIT DESIGNATION
CERTIFIED BY: INDEPENDEN						URE (Pa)			0			& EXHAUST FAN (EF) - GROU							URE (Pa)	COMPUTED	8				UTILITY BUILDING NORTH EAST						URE (Pa)	SELECTED	COMPUTED	4		
PENDENT CONSULTANT GI ENGINE (BILLIO A. MADRAZO VIRGILIO A. MADRAZO							SELECTED	COMPUTED	1			GROUND FLOOR		22.5	51	766	0.326	WALL MOUNTED	40	7940	230/1/60	PUMP ROOM	3	EF-U.11, EF-U.12, & EF-U.13			6.1	8	1400	0.17	10	1530	1000	230/1/60	2 METERING VALUET	ET-U.1 & ET-U.2
PROJECT TITLE: AS-BUILT DRAWING NGAC PHASE 1A ATHLETICS STADIUM (MECHANICAL) NEW CLARK CITY, CAPAS TARLA		72	86	1150	VANE AXIAL	200	6600	7262	380-400 / 3 / 60	4 GROUND FLOOR	FAF-ES.1, FAF-ES.2, EF-ES.1 & EF-ES.2			22.5	51	766	0.326	WALL MOUTNED	40 5650	8116	230/1/60	GENSET ROOM	3	EF-U.14, EF-U.15 & EF-U.16			22.5	51	1575	0.326	10	4179	8293	230/1/60	3 TRANSFORMER ROOM	ET-U.3, ET-U.4 & ET-U.3
с ф	NIAGARA								A Contraction		EF-GF.6 TO EF		NIAGARA	19	54	1400	0.325	WALL MOUNTED	3769	2200	230/1/60	LVSG	2	EF-U.17 & EF-U.18		NIAGARA	19	54	1400	0.325	40	3769	2200	230/1/60	2	ET-U.0 & ET-U.7
EQUIPMENT SCHEDULE		44	92	1750	VANE AXIAL	536	2700	2648	380-400 / 3 / 60	8 GROUND FLOOR	EF-GF.9 & FAF-GF.3 TO FAF-GF.6			22.5	51	1575	0.326		4240	8293	230 / 1 / 60	TRANSFORMER ROOM	3	EF-U.19, EF-U.20 & EF-U.21			22.5	51	1575	0.326	40	4240	8116	230/1/60	GENGET 3	EF-U.8, EF-U.9 & EF-U.10
SHEET NO. M1-04															ł				1				-									1	1			

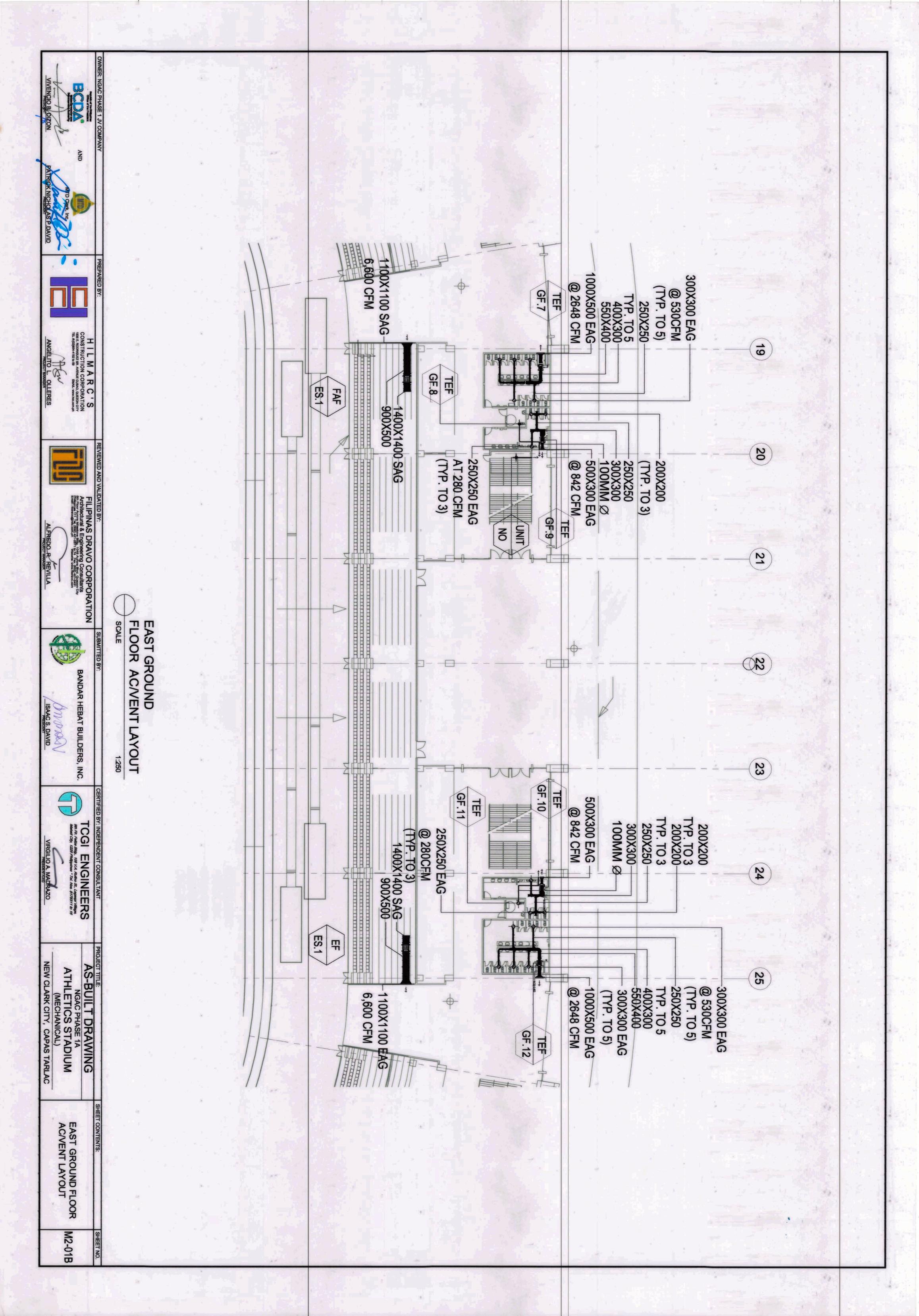
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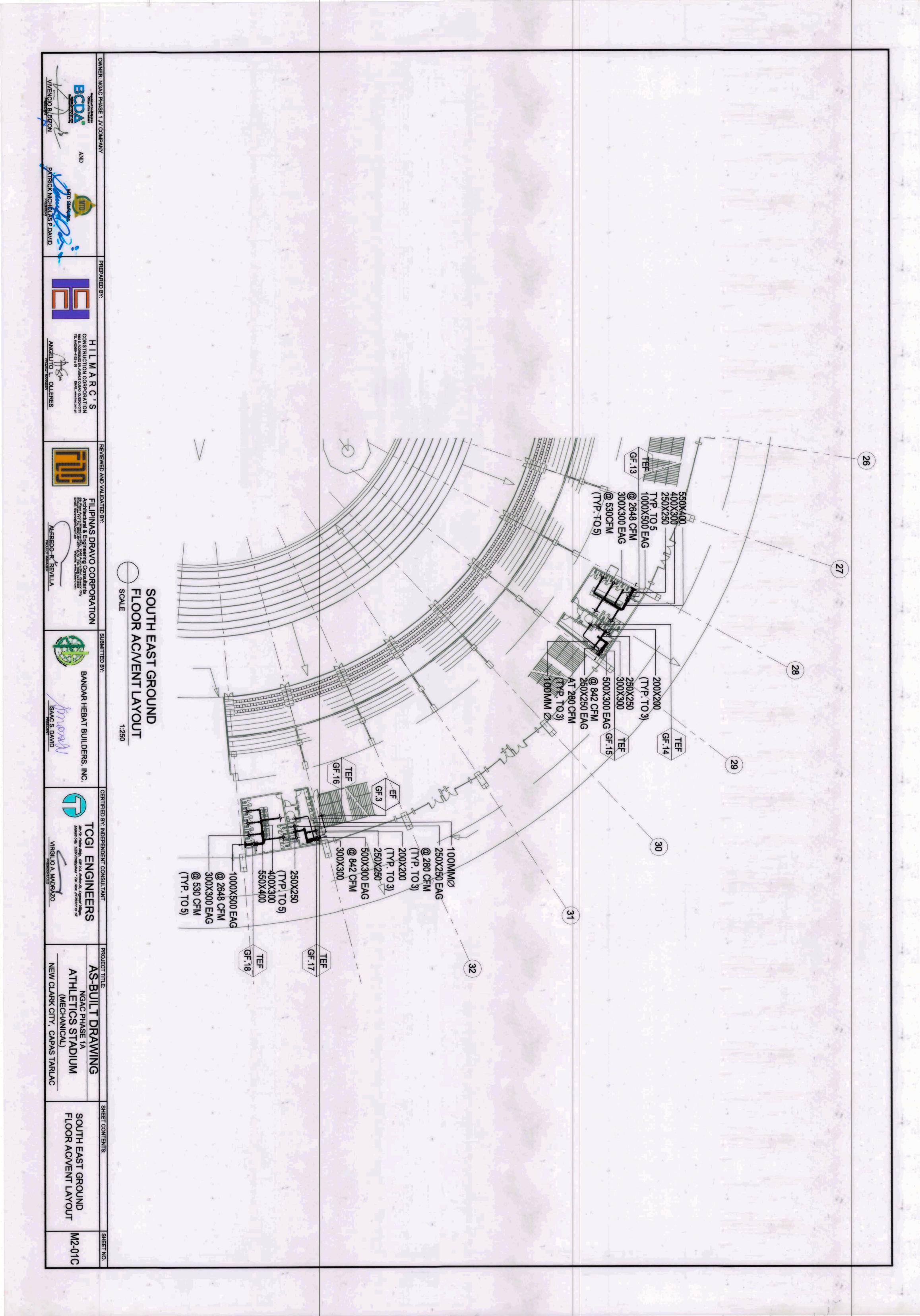
	A	18	38	905	0.127	KITCHEN RANGEHOOD	100	160	230/1/60	3RD FLOOR
1 × 1										
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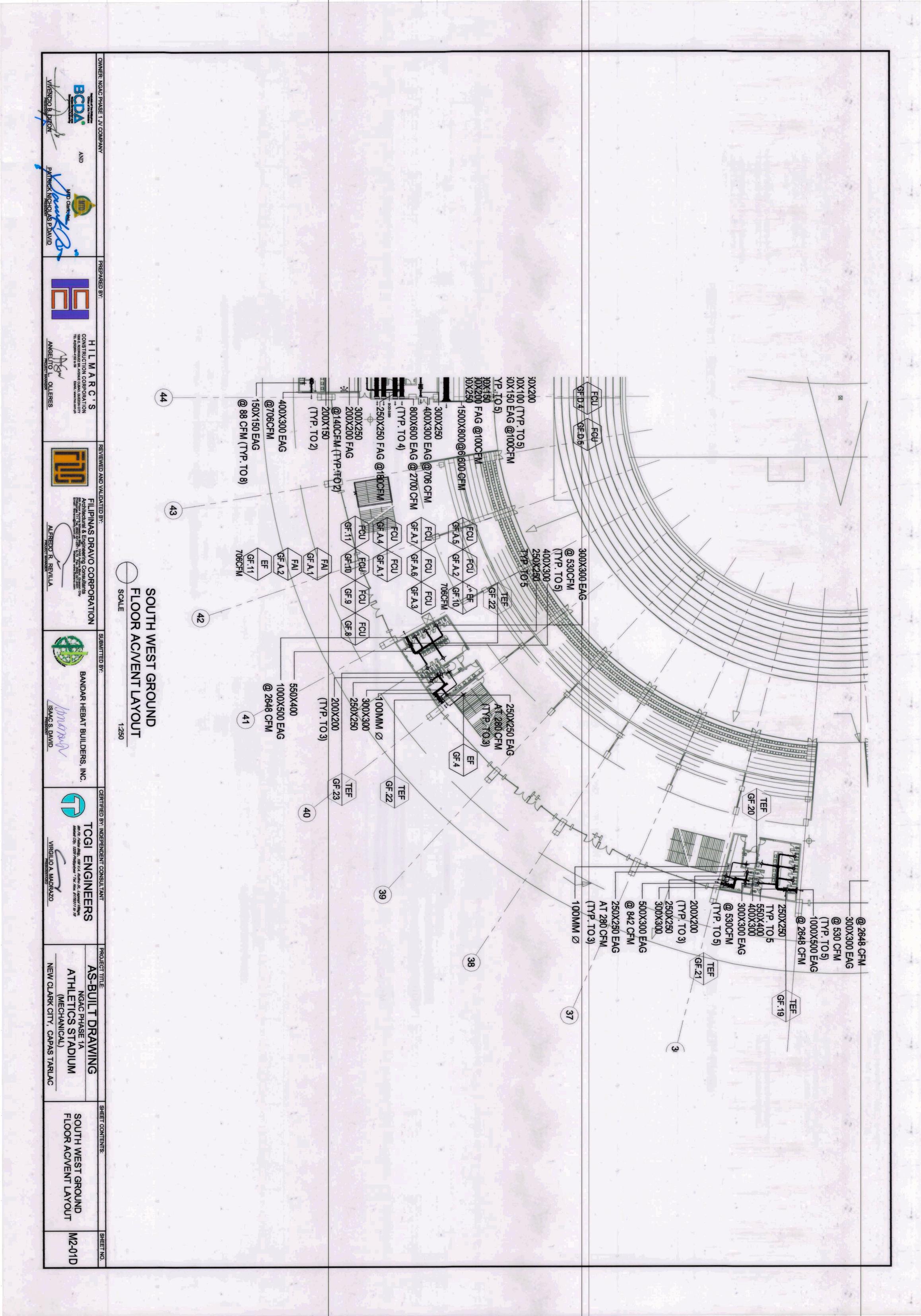
PRESIDENT/CEC	VIRGILIO A. MA	2	ataul Cally, 1229 Phillippines * Tal. Nes. 817

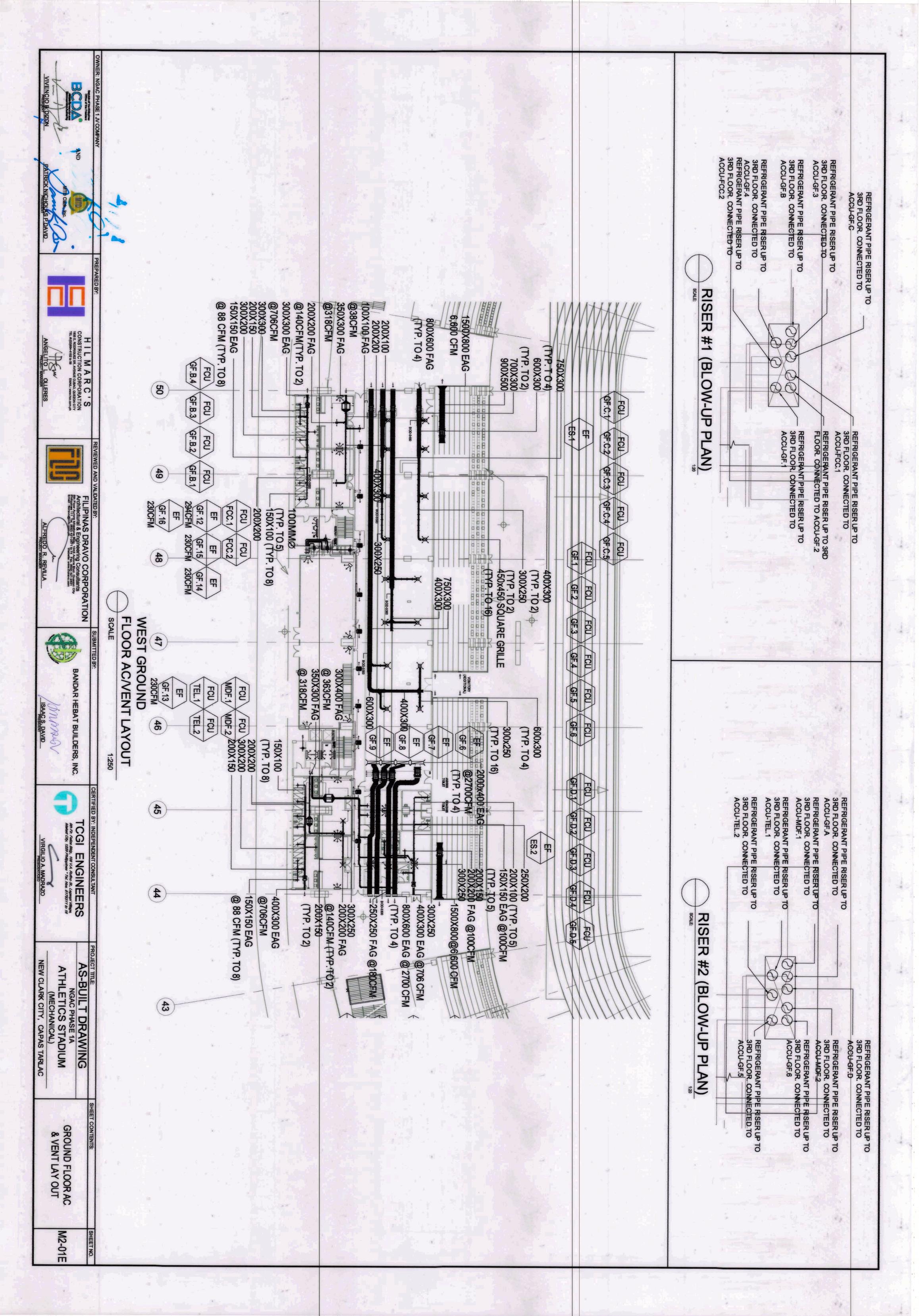


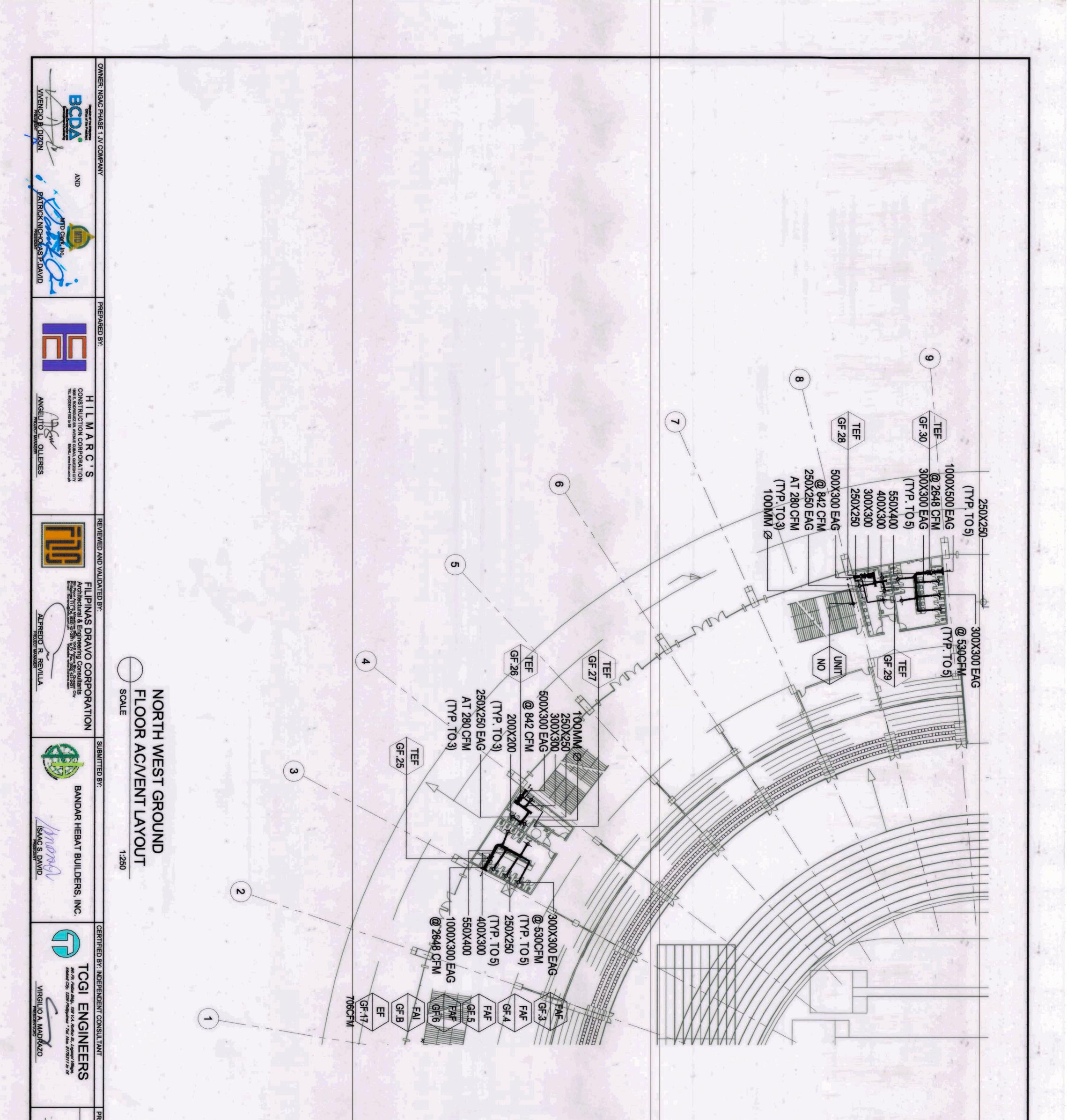




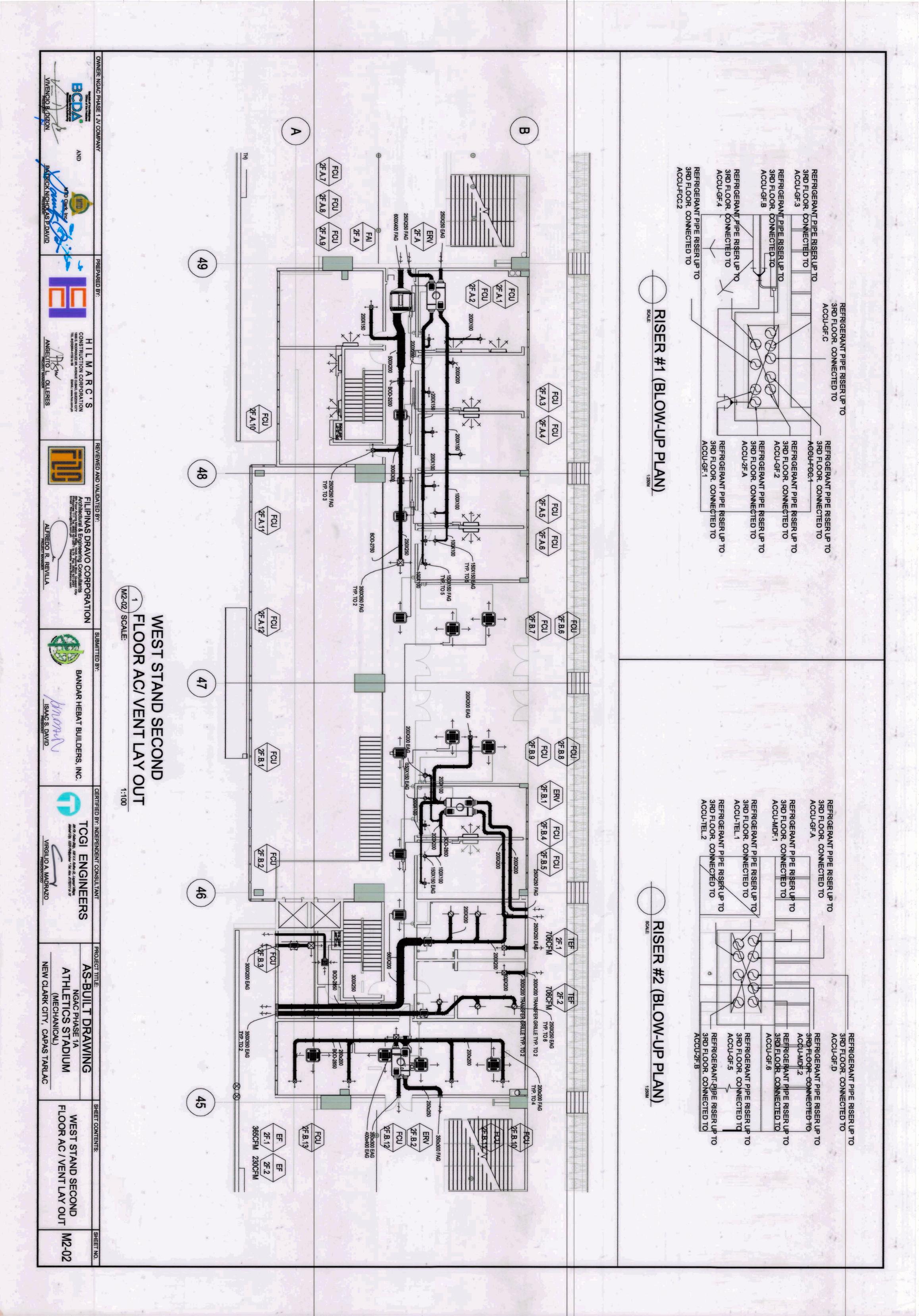


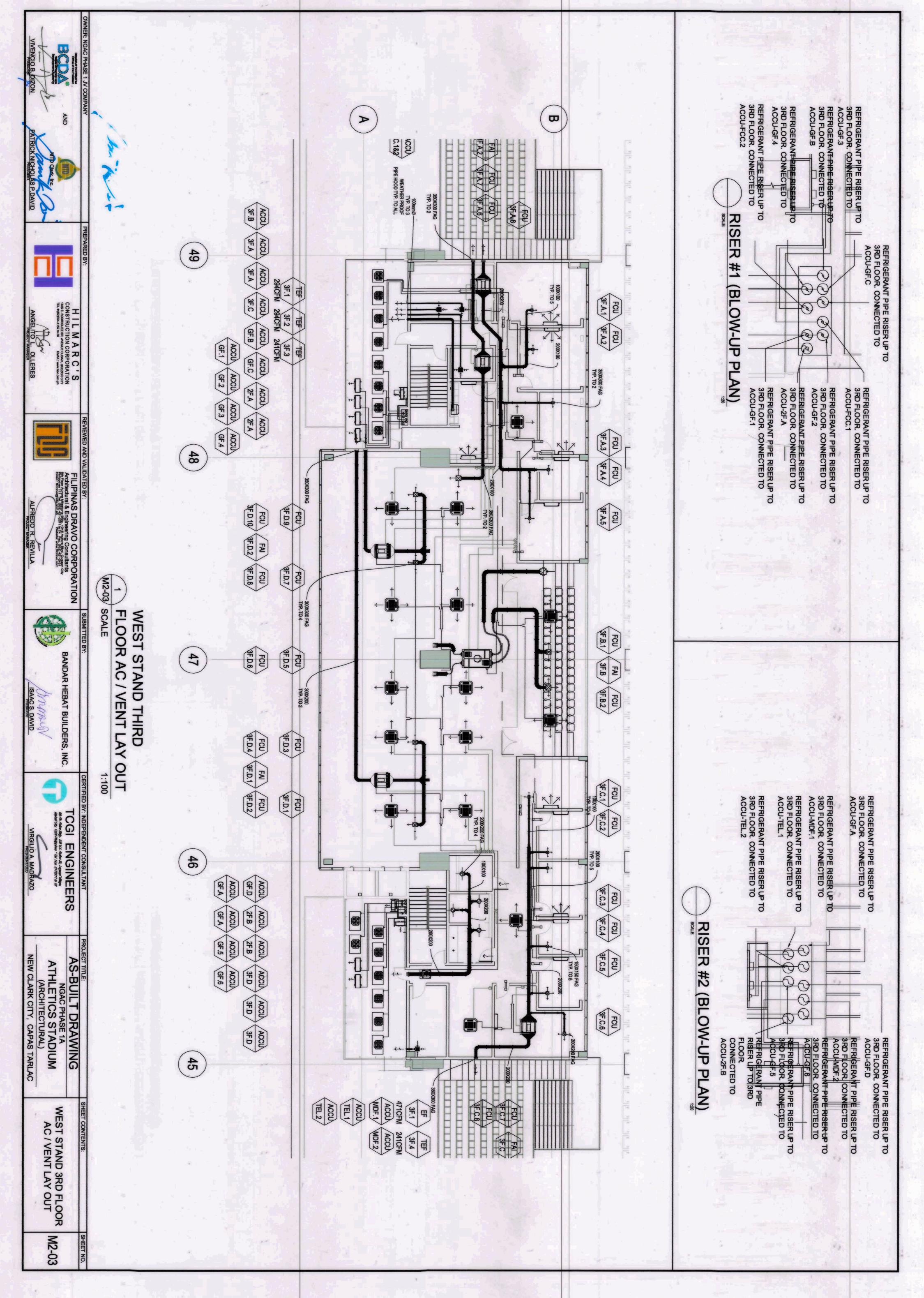


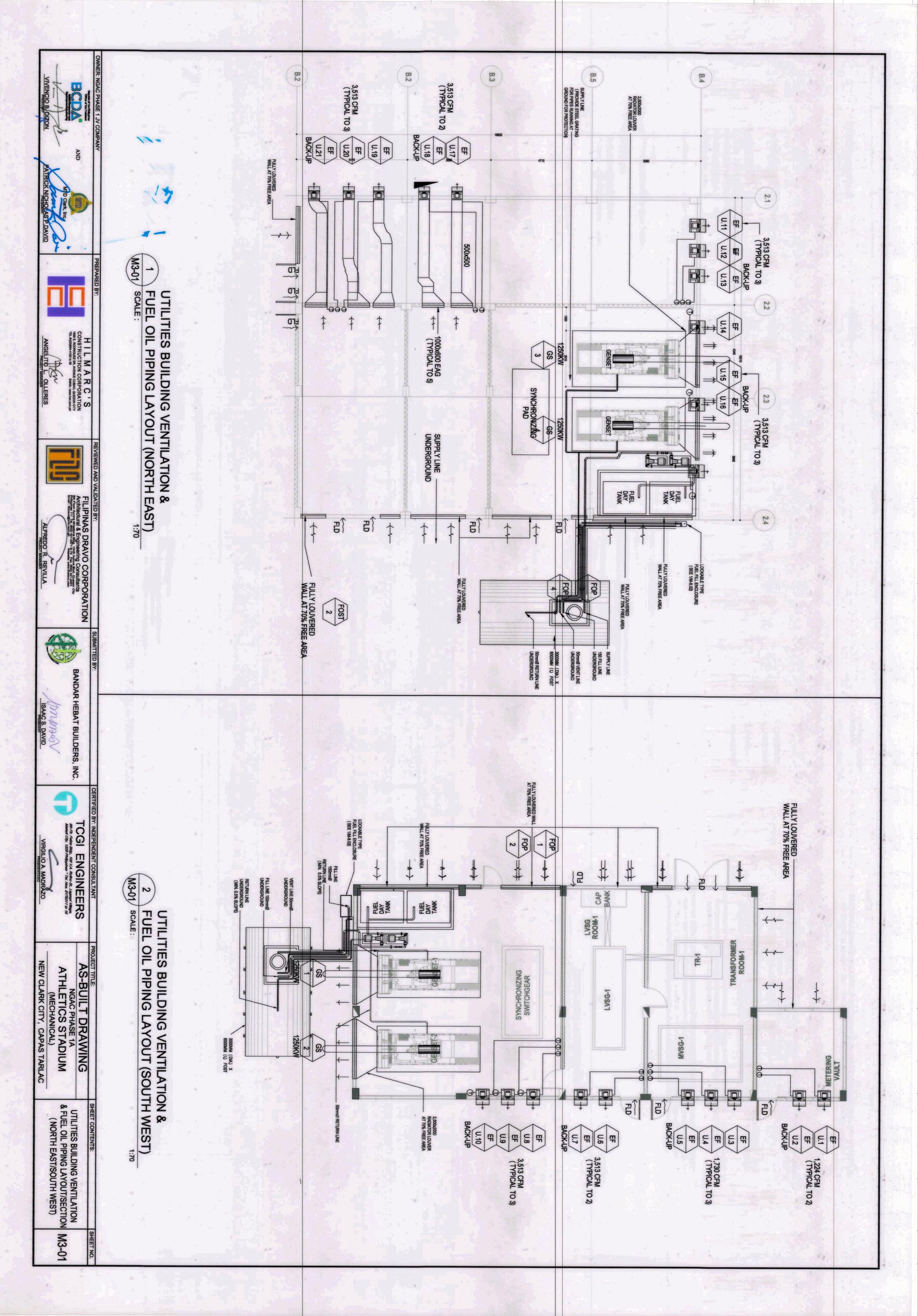


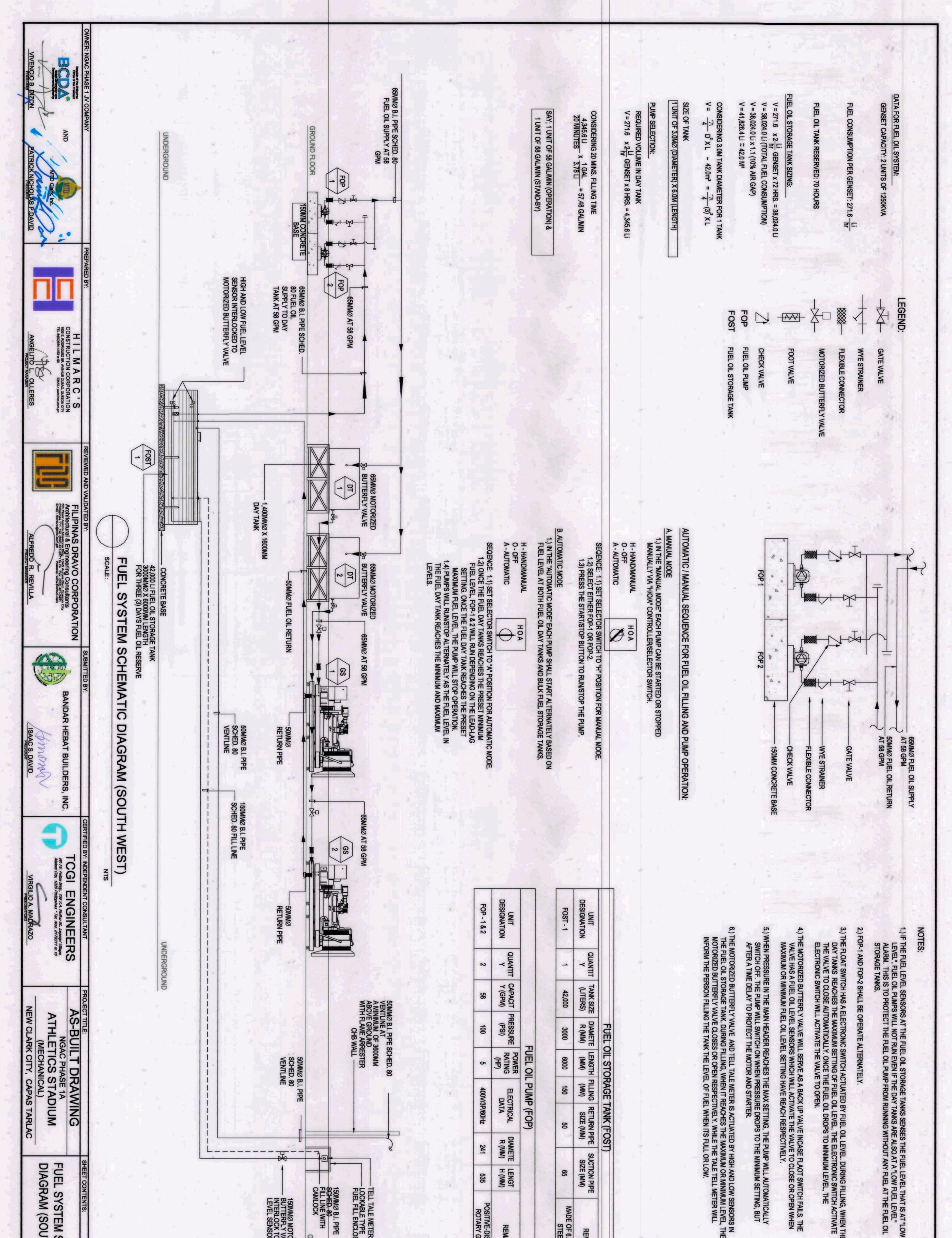


AS-BUILT DRAWING NGAC PHASE 1A ATHLETICS STADIUM (MECHANICAL)							
NORTH WEST GROUND FLOOR AC/VENT LAYOUT							
M2-01F							

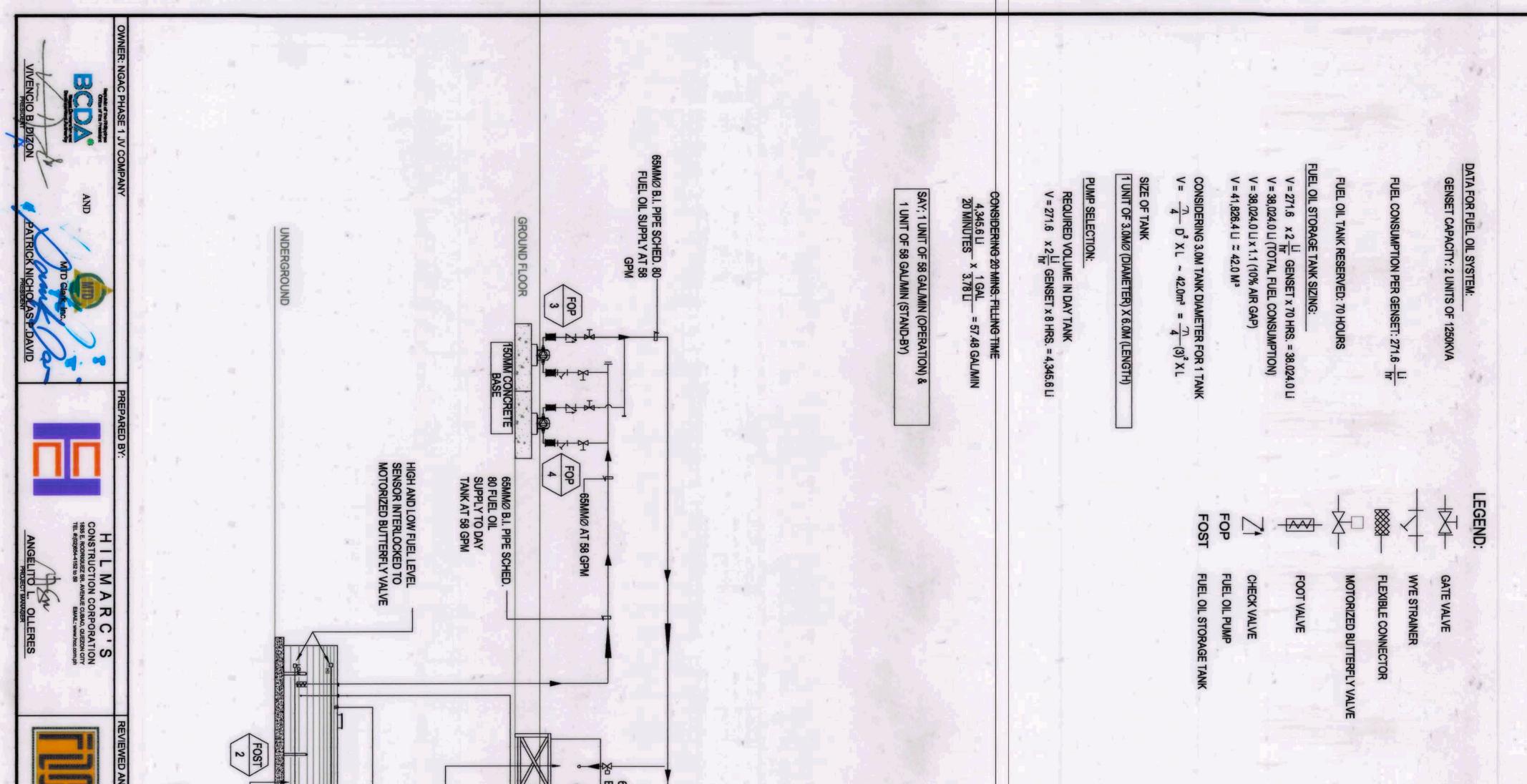




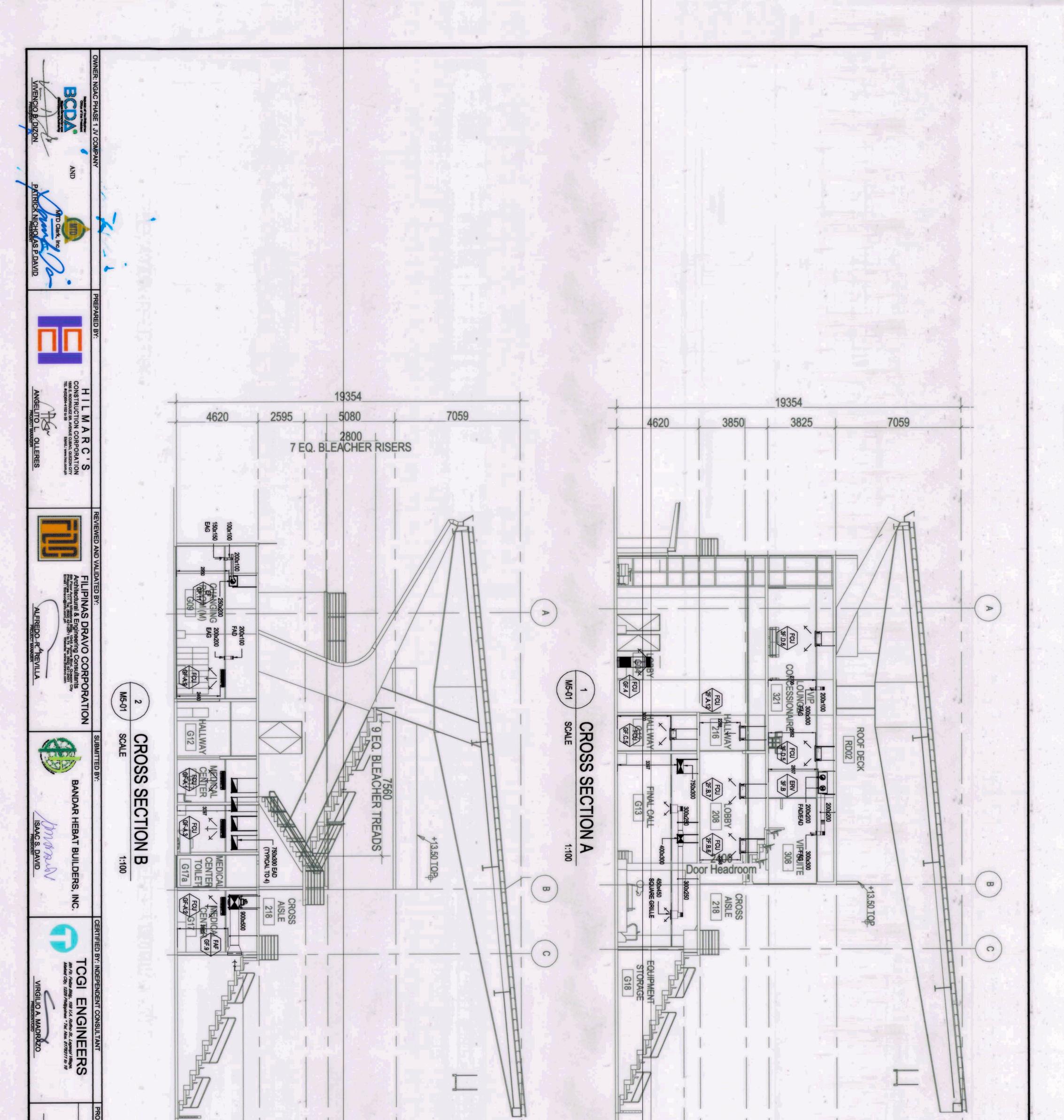




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REMARKS REMARKS REMARKS REMARKS REMARKS REMARKS REMARKS REMARKS CLOSURE CLO	ATHLE		10 B.I. PIPE LINE AT FLAME ARE CHB W		100	PRESSURE (PSI)		3000		FUEL	r valve an NK. During Lve close Ig the tan	VILL SWITCH	Y VALVE WII VEL SENSO VEL OIL LEVI	CTROM MAXIMI MATIC	OPERATE A
REMARKS REMARKS REMARKS REMARKS REMARKS REMARKS REMARKS REMARKS REMARKS OF 6.5MM THICK 8.1 STEEL PLATE REMARKS OF 0.5 NHIGH AND LOW NSOR HIGH AND LOW NSOR HIGH AND LOW	음운 	50MMØ VENTLI	SCHED. 80 600MM RESTER ALL		J	POWER RATING (HP)	E	6000	LENGTH (MM)	OIL STO	THE	REACHES	L SERVE A RS WHICH I EL SETTING	SWITCH AC SETTING C LY. ONCE T THE VALVE	LTERNATE
REMARKS REMARKS REMARKS REMARKS REMARKS REMARKS REMARKS REMARKS REMARKS OF 6.5MM THICK 8.1 STEEL PLATE REMARKS OF 0.5 NHIGH AND LOW NSOR HIGH AND LOW NSOR HIGH AND LOW	RAWI SE 1A STADI ICAL) CAPAS	NE B.I. PIPE			400V/3F	ELECT		150			LE METER IS HEN IT REA RESPECTION	THE MAX S PRESSURE AND START	S A BACK L WILL ACTIV HAVE REA	of fuel oil f fuel oil he fuel oi to open.	X
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REMARKS REMARKS RECOSURE CLOSSURE			all de la constante de la cons		241			-		ITS(E BY HIGH MAXIMUM LE THE TAL FULL OR L	O THE MIN	ALVE TO C		
REMARKS REMARKS RECOSURE CLOSSURE	UEL S				535	LENGT H (MM)		65	TION PIPE ZE (MM)		I AND LOW OR MINIM E TELL ME	INUM SETT	LOSE OR (JRING FILL ONIC SWIT M LEVEL, T	
	TEM SC (SOUTH	LOCK GROU	70		POSITIVE-DISPLACEMENT ROTARY GEAR PUMP	REMARKS		OF 6.5M	REMAR		SENSORS IN UM LEVEL, THE TER WILL	ING, BUT	H FAILS. THE OPEN WHEN	ING, WHEN THE CHACTIVATE HE	

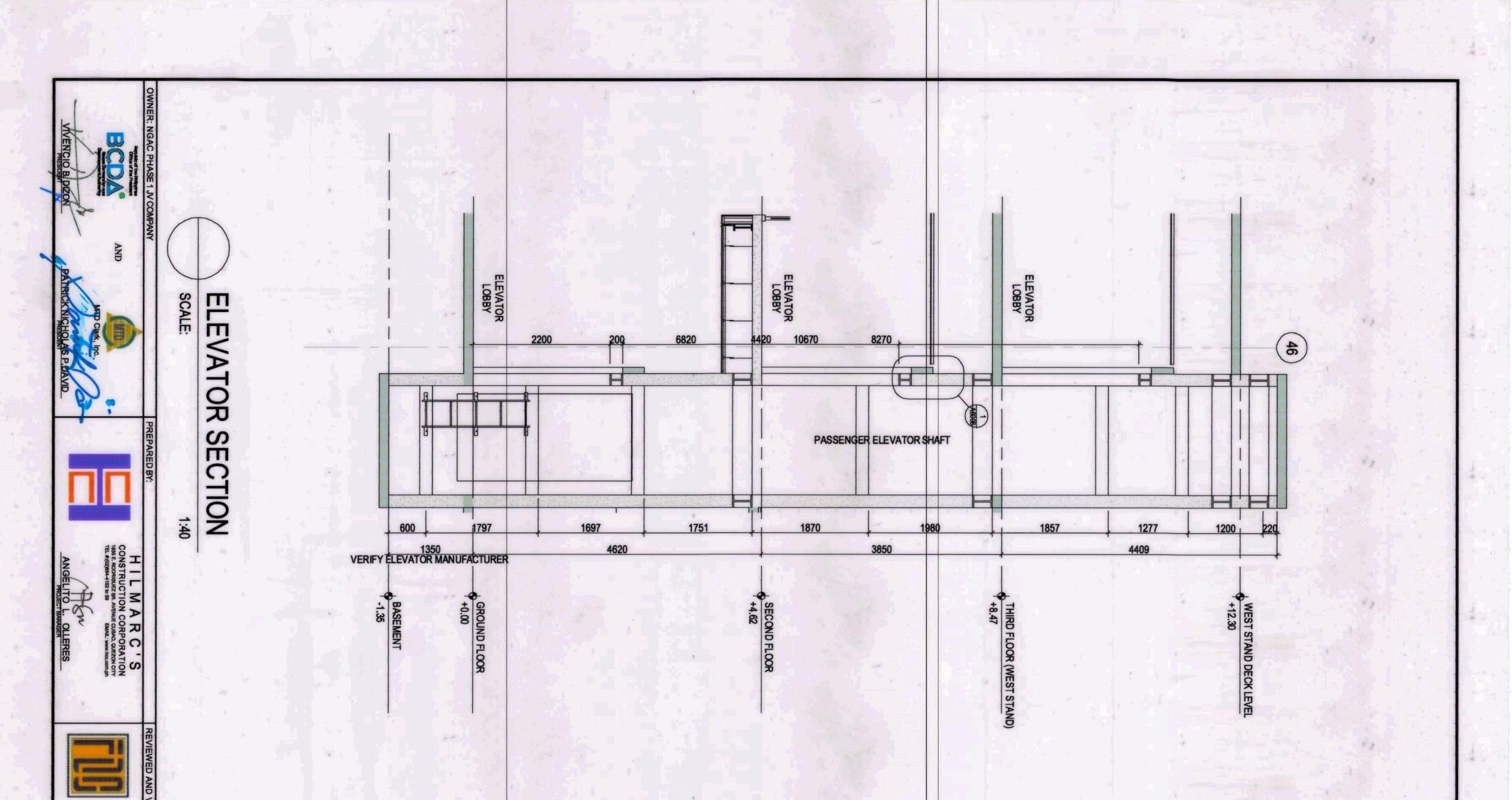


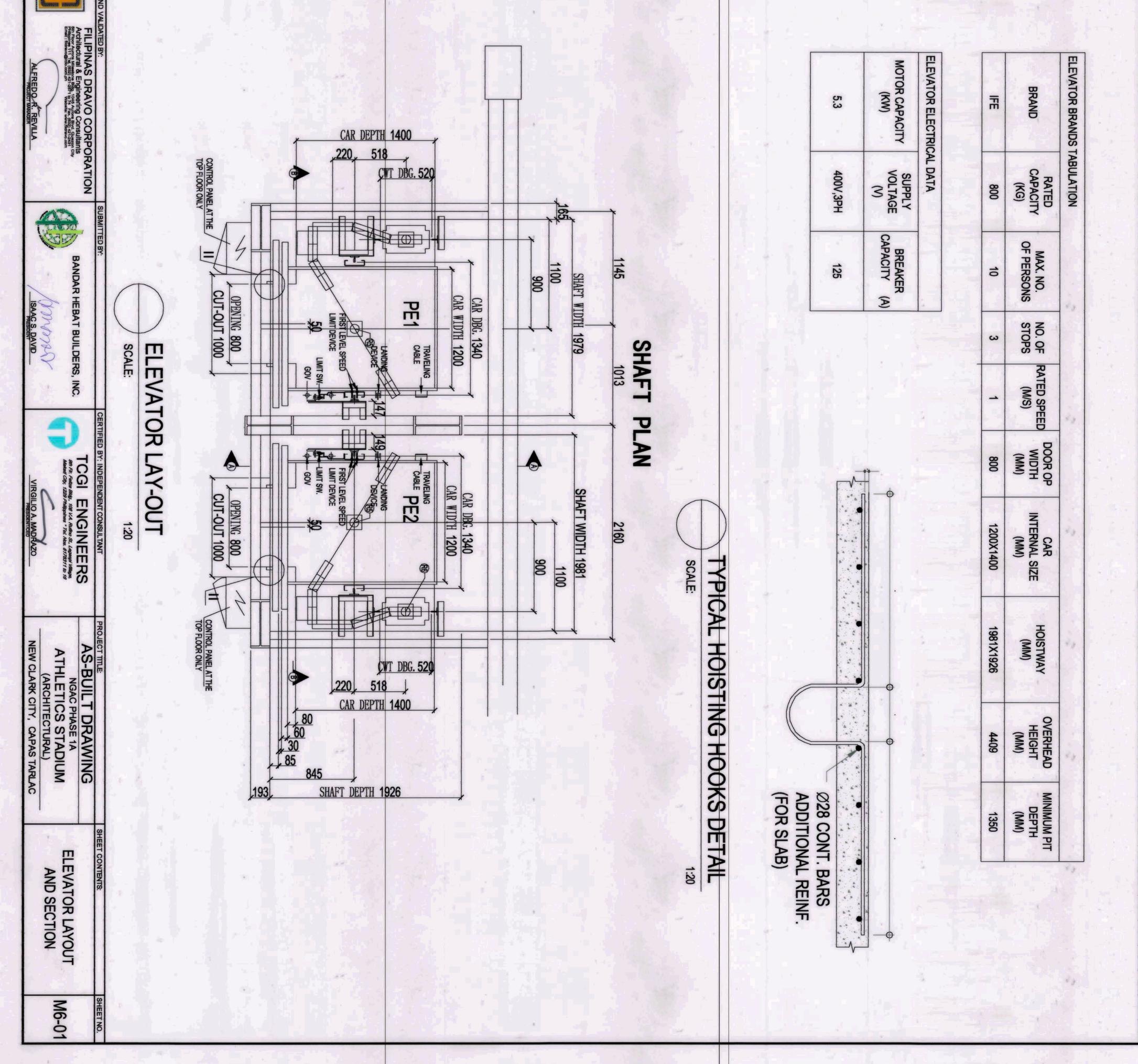
M4-02	FUEL SYSTEM SCHEMATIC DIAGRAM (NORTH EAST)	AS-BUILT DRAWING NGAC PHASE 1A ATHLETICS STADIUM (MECHANICAL) NEW CLARK CITY, CAPAS TARLAC	TCGI ENGINEERS Shi Fi: Fallas Blig, 108 V.A. Rufino SI, Lagospi Village Malaul City, 1289 Philippines * Tal Alos, 8178311 to 16 VIRGILIO A. MADRAZO PRESIDENTICED	SUBMITTED BY: BANDAR HEBAT BUILDERS, INC.	VALIDATED BY: FILIPINAS DRAVO CORPORATION Architectural & Engineering Consultants Shi Floor Aurora Milestore Bids, 1045 Auros Bids, 421-9830 English 2015 Auros Bids, 421-9830 Consultance Consultance Consultance English 2015 Auros Bids, 421-9830 English 2015 Auros Bids, 421-9830 ALFREDO R. REVILLA PROJECT MANAGER
			NTS	MATIC DIAGRAM (NORTH	FUEL SYSTEM SCHE
			UNDERGROUNE	IL RESERVE	CONCRETE BASE 42,000 LI FUEL OIL STORAGE TANK 3000MMØ X 6000MM LENGTH FOR THREE (3) DAYS FUEL OIL RES
	150MMØ MOTORIZED BUTTERFLY VALVE INTERLOCK TO HIGH AND LOW LEVEL SENSOR	VENTLINE	SOMMØ RETURN PIPE IED. 80 FILL LINE	RN SOMMØ RETURN PIPE SOMMØ B.I. PIPE SCHED. 80 VENTLINE	1,400MMØ X 1600MM DAY TANK
	TELL TALE METER LOCKABLE TYPE FUEL FILL ENCLOSURE SCHED. 80 FILL LINE WITH CAMLOCK GROUND FLOOR	SOMMØ B.I. PIPE SCHED, 80 VENTLINE AT A MINIMUM OF 3600MM ABOVE GROUND WITH FLAME ARRESTER CHB WALL	MMØ AT 58 GPM	MØ AT 58 GPM	65MMØ MOTORIZED BUTTERFLY VALVE 3 3 4 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	LENGT H (MM) 535 POSITIVE-DISPLACEMENT ROTARY GEAR PUMP	FUEL OIL PUMP (FOP)CAPACIT Y (GPM)PRESSURE (PSI)POWER RATING (HP)ELECTRICAL DATADIAMETE R (MM)581005400V/3P/60Hz241	UNIT QUANTIT FOP - 3 & 4 2	CH TO "A" POSITION FOR AUTOMATIC MODE. S REACHES THE PRESET MINIMUM RUN DEPENDING ON THE LEAD-LAG DAY TANK REACHES THE PRESET PUMP WILL STOP OPERATION. TERNATELY AS THE FUEL LEVEL IN IS THE MINIMUM AND MAXIMUM	H - HANDIMANUAL O - OFF A - AUTOMATIC IL2) ONCE THE FUEL DAY TANKS REACHES THE PRESET MINIMUM FUEL LEVEL, FOP-1 & 2 WILL RUN DEPENDING ON THE LEAD-LA SETTING. ONCE THE FUEL DAY TANKS REACHES THE PRESET MINIMUM FUEL LEVEL, FOP-1 & 2 WILL RUN DEPENDING ON THE LEAD-LA SETTING. ONCE THE FUEL DAY TANK REACHES THE PRESET MAXIMUM FUEL LEVEL, THE PUMP WILL STOP OPERATION. 1.4) PUMPS WILL RUNISTOP ALTERNATELY AS THE FUEL LEVEL THE FUEL DAY TANK REACHES THE MINIMUM AND MAXIMUM LEVELS.
	SUCTION PIPE REMARKS SIZE (MM) MADE OF 6.5MM THICK B.1 65 STEEL PLATE	FUEL OIL STORAGE TANK (FOST) TANK SIZE DIAMETE LENGTH FILLING RETURN PIPE SUC (LITERS) R (MM) (MM) (MM) SIZE (MM) SIZE (MM) SI 42,000 3000 6000 150 50 SI	UNIT DESIGNATION FOST-2 1	CH TO "H" POSITION FOR MANUAL MODE. OP-2. UTTON TO RUN/STOP THE PUMP.	SEGENCE: 1.1) SET SELECTOR SWITCH 1 1.2) SELECT EITHER FOP-1 OR FOP- 1.3) PRESS THE START/STOP BUTTO B. AUTOMATIC MODE
				SEQUENCE FOR FUEL OIL FILLING AND PUMP OPERATION: DE" EACH PUMP CAN BE STARTED OR STOPPED CONTROLLER/SELECTOR SWITCH.	AUTOMATIC / MANUAL SEQUENCE F A. MANUAL MODE 1.) IN THE "MANUAL MODE" EACH PUMP MANUALLY VIA "H/O/A" CONTROLLER/ H - HAND/MANUAL O - OFF A - AUTOMATIC
	NILL AUTOMATICALLY NIMUM SETTING, BUT H AND LOW SENSORS IN M OR MINIMUM LEVEL, THE LE TELL METER WILL LOW.	IN THE MAIN HEADER REACHES THE MAX SETTING, THE PUMP WILL AUTOMATICALLY E PUMP WILL SWITCH ON WHEN PRESSURE DROPS TO THE MINIMUM SETTING, BUT ELAY TO PROTECT THE MOTOR AND STARTER. UTTERFLY VALVE AND TELL TALE METER IS ACTUATED BY HIGH AND LOW SENSORS PRAGE TANK. DURING FILLING, WHEN IT REACHES THE MAXIMUM OR MINIMUM LEVEL ERFLY VALVE CLOSES OR OPEN RESPECTIVELY. WHILE THE TALE TELL METER WILL SON FILLING THE TANK THE LEVEL OF FUEL WHEN ITS FULL OR LOW.	5.) WHEN PRESSURE IN THE I SWITCH OFF. THE PUMP AFTER A TIME DELAY TO 6.) THE MOTORIZED BUTTERF THE FUEL OIL STORAGE 1 MOTORIZED BUTTERFLY INFORM THE PERSON FILI	FOP 4	FOP 3
	OURING FILLING, WHEN THE RONIC SWITCH ACTIVATE IM LEVEL, THE OAT SWITCH FAILS. THE CLOSE OR OPEN WHEN	-2 Shall be operate all error lett. ITCH HAS A ELECTRONIC SWITCH ACTUATED BY FUEL OIL LEVEL. DURING FILLING, WHEN THE REACHES THE MAXIMUM SETTING OF FUEL OIL LEVEL, THE ELECTRONIC SWITCH ACTIVATE O CLOSE AUTOMATICALLY. ONCE THE FUEL OIL DROPS TO MINIMUM LEVEL, THE SWITCH WILL ACTIVATE THE VALVE TO OPEN. D BUTTERFLY VALVE WILL SERVE AS A BACK UP VALVE INCASE FLOAT SWITCH FAILS. THE A FUEL OIL LEVEL SENSORS WHICH WILL ACTIVATE THE VALVE TO CLOSE OR OPEN WHEN R MINIMUM FUEL OIL LEVEL SETTING HAVE REACH RESPECTIVELY.	4.) THE MOTORIZED BUTTERF VALVE HAS A FUEL OIL I MAXIMUM OR MINIMUM	GATE VALVE 	
	EL LEVEL THAT IS AT "LOW A "LOW FUEL LEVEL" IY FUEL AT THE FUEL OIL	O PRMS	FUEL LEVEL IEL", FUEL OIL NRM. THIS IS DRAGE TANKS	AT 58 GPM AT 58 GPM AT 58 GPM AT 58 GPM	
			NOTES:		2



AS-BU	10 EQ BLEACHER RISERS		10 EQ.	3600 BLEACHER RISERS		
UILT DRAWING OTHER CONTENT NGAC PHASE 1A CROSS SECTION LETICS STADIUM CROSS SECTION (MECHANICAL) M5-0 ARK CITY, CAPAS TARLAC M5-0	GROUND FLOOR	WEST STAND DECK LEVEL +12.30 THIRD FLOOR (WEST STAND) +8.47 THIRD FLOOR (bleachers) +7.22	HOOF APEX	+4.62 GROUND FLOOR	 ↓ WEST STAND DECK LEVEL ↓ +12.30 ↓ HIRD FLOOR (WEST STAND) ↓ +8.47 ↓ THIRD FLOOR (bleachers) ↓ +7.22 	

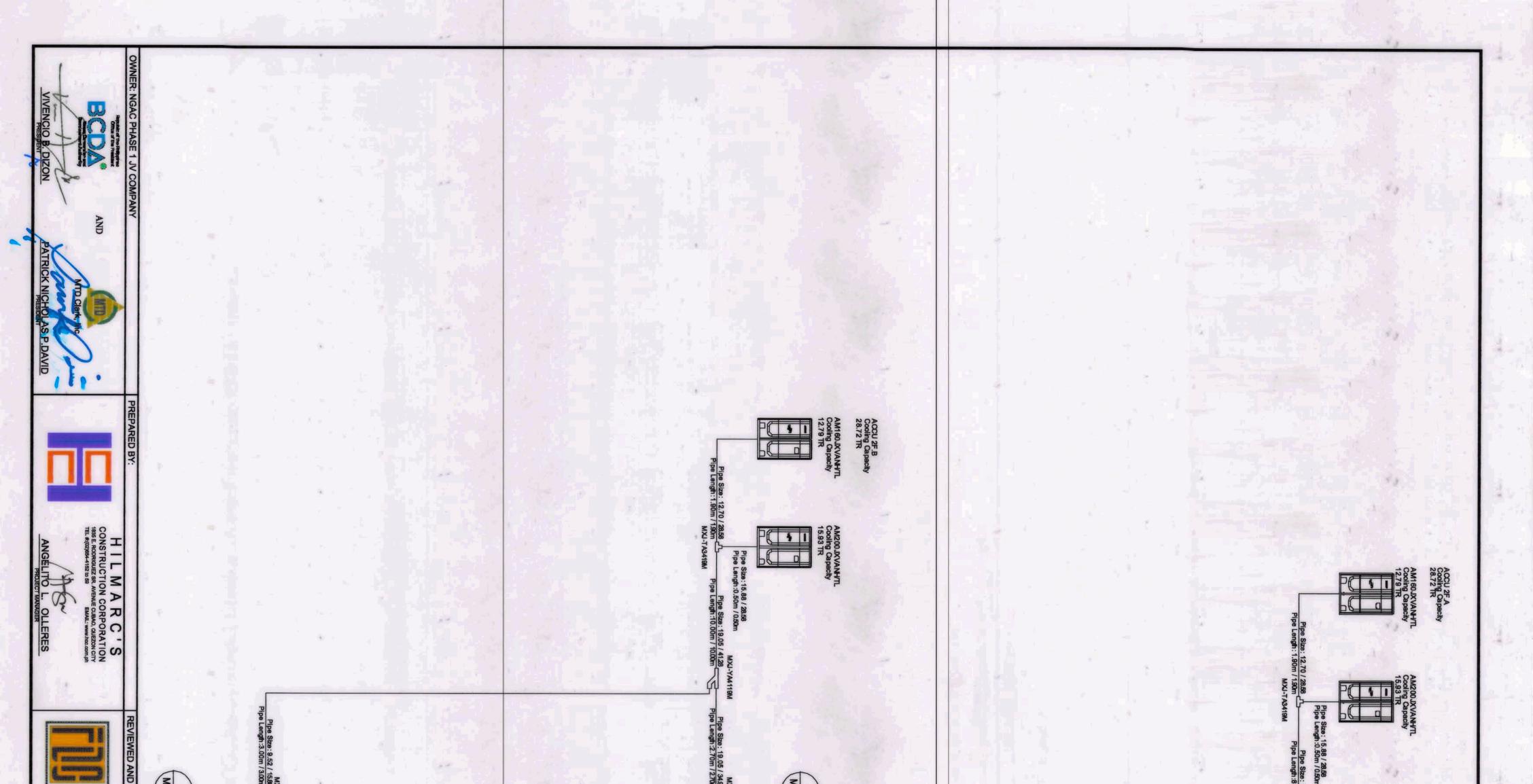
+19.35





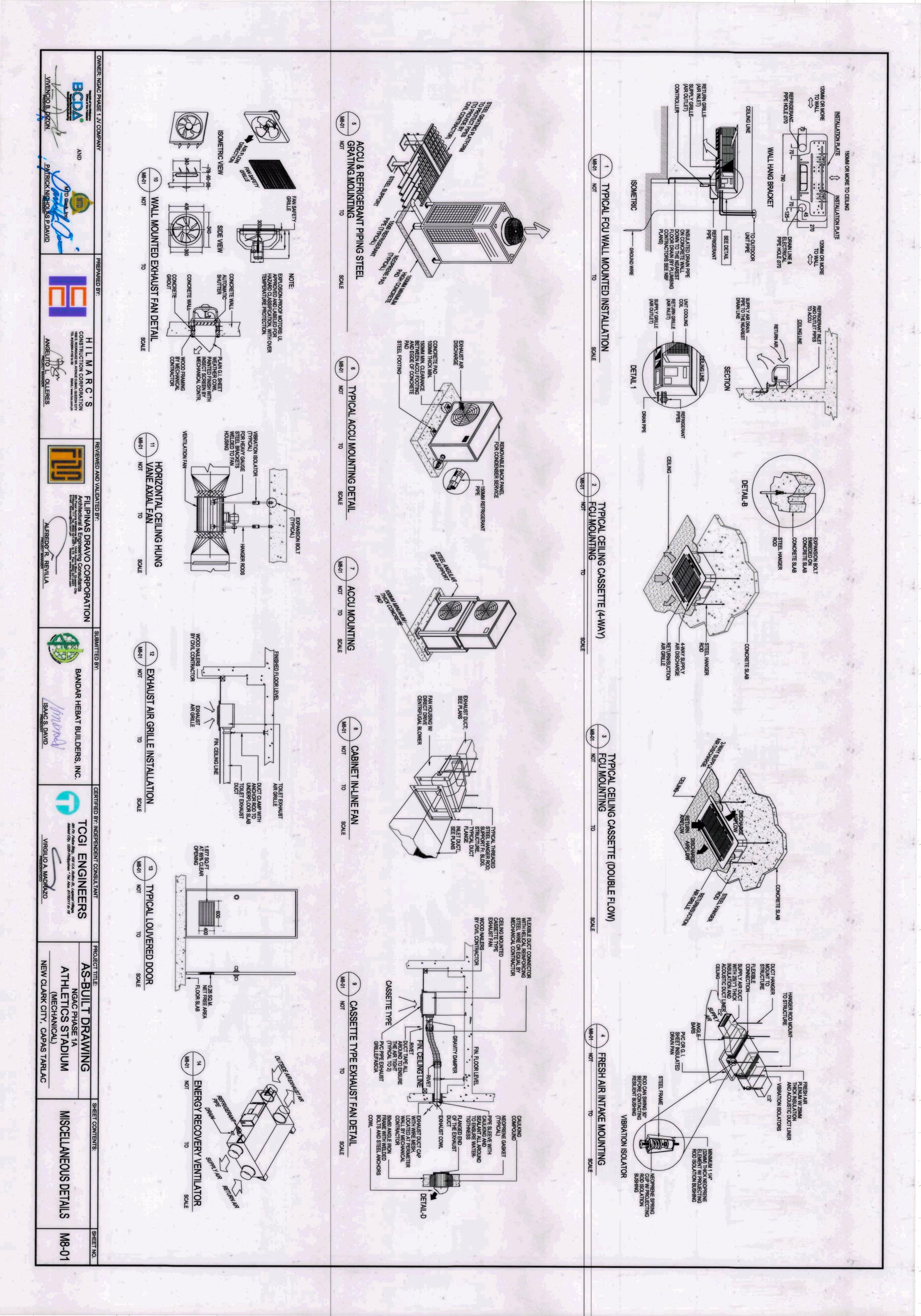
BANDAR HEBAT BUILDERS, INC. ISAAC S. DAVID ISAAC S. DAVID I		According and a line of the second and a line	Pipe Length: 1.00m / 1.00m		
GROUND FLOOR REFRIGERANT PIPING DIAGRAM (ACCU-GF.A/ACCU-GF.B/ ACCU-GF.C/ACCU-GF.D) M7-01	AO 18FN2DCH/TC)			Cooling Capacity 1.50 TR Capacity 1.50 TR	1.93 TR

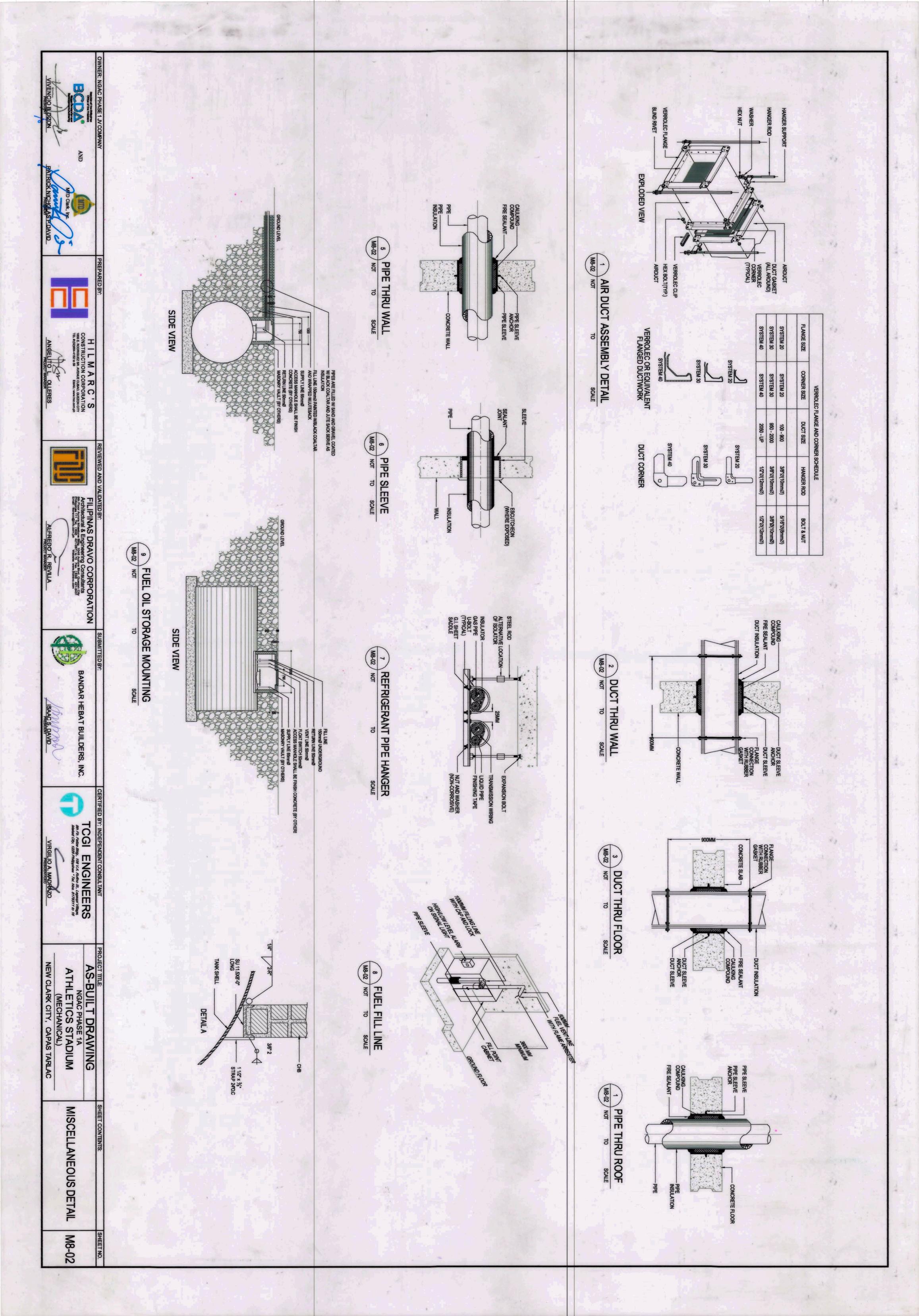
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PILIPINAS DRAVO CORPORATION Architectural & Engineering Consultants of Floor Aurora Millatone Bidg. 1045 Aurora Bird. Guegon City Philippines 111 Tel. (832) 421-285 Frail : Tick (832) 421-285 Frail : Tick (832) 421-285 Meballe: www.filtareo.com ALFREDO R. REVILLA PROJECT MANAGER	Plae Size : 9.52 / 15.88 Plae Langh 2: 30m / 2.30m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Langh 2: 10m / 2.0 m Plae Size : 9.52 / 15.88 Plae Size : 9.52 / 15.88 P	Pipe Size : 6: Pipe Size : 6: Pipe Langh : 1:00 SCALE: NVJ-VA3419M MJ-VYA2815M MJ- Pipe Size : 16:88 / 20:59 Pipe Langh : 4:00m / 4:00m Pipe Langh : 3:70m / 3:70m	Pipe Sta: 9.52 / 1900 Pipe Langth: 3:00m / 300m Pipe Langth	MXJ-YA4119M MXJ-YA3419M 19.05 / 41.28 Pipe Size :19.05 / 34.92 Pipe Size 60m / 8:00m C Pipe Length :5.00m C Pipe Leng
SUBMITTED BY: BANDAR HEBAT BUILDERS, INC.	MXJ-YA1509M 1. 9.52 / 15.88 1. 90m / 3.50m Capacity 0. 9.52 / 15.88 1. 90m / 0.80m 1. 90m / 0.80m / 0.80m 1. 90m / 0.80m / 0.8	Pipe Size: 12.70 FCU 2FA.9(AM020H m/1.00m /1.00m /1.00m Cooling Capacity 1.67 TR Capacity Pipe Size: 12.70 / 28.93 Pipe Length: 1.20m / 120m		MXJ-YA2815M MXJ-YA2815M MXJ-YA2815M MXJ-YA ze:15.88 / 28.58 Pipe Size:15.88 / 28.58 Pipe Size: 12.70 / 28.58 ph1.20m / 120m Pipe Length: 7.70m Pipe Length: 2.30m / 2.30m
C. TCGI ENGLISA TCGI ENGLISA	Plas Base: 6.33/1200 FCU 2F: 6.2/MIC SAMO INFREDORTIO Plas Base: 6.33/1200 FCU 2F: 6.5/MIC SAMO INFREDORTIO Plas Base: 6.33/1200 FCU 2F: 6.5/MIC SAMO INFREDORTIC Plas Langh: 1.50m/1/30n FCU 2F: 7/MIC SAMO INFREDORTIC Plas Langh: 1.50m/1/30n FCU 2F: 7/MIC SAMO INFREDORTIC Plas Langh: 1.50m/1/30n FCU 2F: 7/MIC SAMO INFREDORTIC 1.57 TR FCU 2F: 8.10/MIC SAMO INFREDORTIC 1.57 TR FR 2.0 TR Samo IN	Pipe State: 12.70/2552 Pipe Langth: 5.40m / 5.50m / 130m Pipe State: 9.52 / 1906 Pipe State: 12.70/2552 Pipe State: 12.70/2552 Pipe State: 9.52 / 1906 Pipe State: 9.52 / 1907 Pipe State: 9.5	Pipe Size 9.52 / 15.89 Pipe Length :1.80m / 1.80m Pipe Length :1.00m Pipe Length :1.00m Pipe Length :0.80m / 0.80m Pipe Length :0.80m / 0.80m	MXJ-YA2812M MXJ-YA2812M 0/2838 Pipe Size:12.70 / 2858 Pipe Size: 6.35 / 1270 1 197
PROJECT TITLE: AS-BUILT DRAWING NGAC PHASE 1A ATHLETICS STADIUM (MECHANICAL) NEW CLARK CITY, CAPAS TARLAC	Pipe Length A. BOM / ASOM	e Size : 9.52 / 15.88 ength :6.70m / 6.70m ength :3.20m / 3.20m -CU 2 F. B. 1 (AM0 18 FN2DCH/T CO 2 F. B. 1 (AM0 18 FN2DCH/T -ength :2.10m / 2.10m -ength :2.10m / 2.10m	анитс) анитс	ERV 2F. A(AMOSOFNKDEHVEU)
SHEET CONTENTS: SECOND FLOOR REFRIGERANT PIPING DIAGRAM (ACCU-2F.A/ACCU-2F.B)				
м7-02				

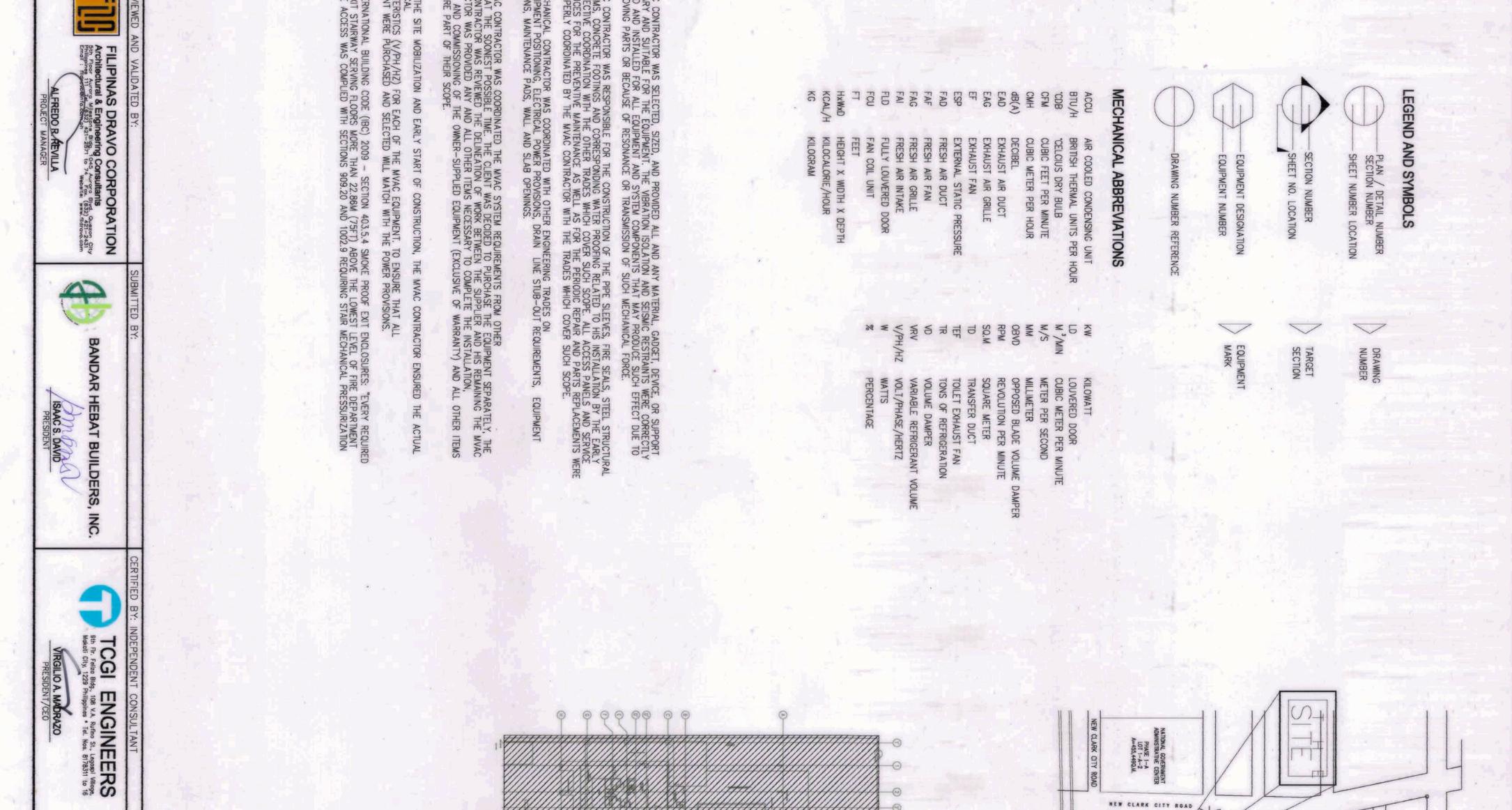
Image: Normer: Nace Place I/V compare Perpare	THIRD FLOOR REFRIGERANT PIPING DIAGRAM (ACCU-3F.B)	Pipe Langth : 5.00m / 5.0m		<text></text>	
ANDAR HEBAT BUILDERS, INC. MARAC S. DAVID MARK CS. DAVID MA	MT-03 SALE		Plae Size	THRD FLOOR REFRIGERANT PIPUNG D	
VING SHEET CONTENTS: SHEET NO. NING GROUND FLOOR REFRIGERANT PIPING DIAGRAM (ACCU-3F.AIACCU-3F.BI ACCU-3F.C & ACCU-3F.D) M7-03	DIAGRAM (ACCU-3F.D)		Pipe Size: 0.52/15.88 Pipe Langth:4.20m / 4.20m	NUMARKAN NUMARKAN	





AQUATICS CENTER AS-BUILT MECHANICAL PLANS

AC PHASE I JV COMPANY Particular the Present Present the Present Pres	 COAD RATINGS FOR THE PURPOSE OF LOCATION START OF CONSTRUCTION, THE MERCHANICAL VENTION START OF CONSTRUCTION, THE MECHANICAL VENTION ELECTRICAL CHARACTERISTIC (V/PH/HZ) THAT WAS PURCHASED AND SELECT. 2. THE SELECTION AND SIZING OF THE SYSTEMS AR PROJECT. THE CHOICE OF THE INDOOR UNITS MAY CAPACITY MATCHING MITH THE OUTDOOR UNITS MAY CAPACITY MATCHING MITH THE OUTDOOR UNITS MAY CONTROLS FOR THE ARTICULAR AREA. THE LOCATION OF THE FCU, AS WELL AS AUTHORIZED REPRESENTATIVES PRIOR TO INSTALLA REQUIREMENTS. 4. EACH FCU WERE PROVIDED WITH ITS OWN DEDICA CONTROLS FOR THE ANTIFE ARTICULAR AREA. THE LOCATION OF THE ACCU A SPECIFIED BY THE MANUFACTURER. THE REFRIGERA OF THE WANUFACTURER. THE REFRIGERA OF THE WANUFACTURE TO DISSIPATE INTO THE ACCU A STARE A WHERE THE AIR MOVEMENT WILL NOT BE ORITHE ARRANGEMENT IS CRITICAL TO DISSIPATE INTO THE ENTITIES ARRANGEMENT IS CRITICAL TO DISSIPATE INTO THE ENTITIES OF OPERATION. THE WAS COORDINATED THE MAD CLEAN OUT FOR THE REGUINS SCOPE. 7. ALL REFRIGERANT PIPING, PLUMBING, AND ELITY OF THE ARSTIP CONNECTION TO THE PLUMBING, AND ELITY OF THE ARSTIP ALSO BY THE ARCHITECT. 	GENERAL SPECIFICATIONS :		M6-03	M6-02		M5-01	1	M2-05	1	1 1 1	M2-04	M2-03B	M2-03A	M2-020		M2-028
PREPARED BY: AIT, Thr AIT, AIT, AIT, AIT, AIT, AIT, AIT, AIT,	 THE EDHOSE OF LOCATION AND ELECTRICAL POWER FED SIZING. THE SECURITY AT WAS PROVED OTHER EARLY LANDAR FED SIZING, THE STE WOBLIZATION AND KAR. CONDITIONING (WAYAC) CONTACTOR ENSURED THE ACTUAL ACTEMBERT, WATER PROVED AND SELECTED WLL MATCH WITH THE POWER PROVISIONS. AND SIZING OF THE STSTEMS ARE BASED ON THE ORDERATING HOURS SPECIFED BY THE CLENT FAR THAT ON OF THE SUCH AND SELECTED WLL MATCH WITH THE POWER PROVISIONS. WILL CHANGE. THE CLENT FOR THE OUTDOOR WITS WAY ALSO BE AFFECTED. YAT WAS PORCHAED AND SELECTED WLL MATCH WITH THE POWER PROVISIONS. WILL CHANGE. THE CLENT FOR THE OUTDOOR WITS WAY ALSO BE AFFECTED. YAT WAS PORCHAED AND SELECTED WLL MATCH WITH THE POWER PROVISIONS WILL CHANGE. THE CLENT AND HE CURVE BE AFFECTED. YAT WAS PORCHAED AND SELECTED AND ARE COMPLEATION OF DEVELON WAS COMPLIED WITH THE CLENT AND HIS DUY ESCHATARY FOR THE NET ALLON OF THE ACCURATE AND HEL CONTROL OF THE ACCURATE AND CLEATED ACTIVAL ODULATION OF THE MATCHING AND CLEATED ACTIVATION OF THE NEXT AND ACCURATE AND HELE CONTROL OF THE ACCURATE AND CLEATED AT AN ARWOFACTURES THAL NOT BE CONSTRUCTED. THE ORDER THE NEXT ALLONGED DISTINCE FOR THE RECORMANCE FOR THE REPORT WITH THE ENVERTION OF THE NEXT ALLONGED DISTINCE FOR THE RECORMANCE FOR THE RECORDED THE ACTIVE AND THE RECORDED THE RECORDER THE RECORDING THE RECORDER THE RECORDER THE RECORDED THE RECORDED	MISCEL	PRESIDENTIAL SUITE REFRIGERANT PIPING SCHEMATIC DIAGRAM	UPPER GROUND REFRIGERANT PIPING SCHEMATIC DIAGRAM	LOWER GROUND REFRIGERANT PIPING SCHEMATIC DIAGRAM	ELEVATOR PLAN AND SECTION	ELEVATOR PLAN AND SECTION	LONGITUDINAL SECTION	PRESIDENTIAL SUITE FLOOR AND DECK AC & VENTILATION LAYOUT	UPPER BLEACHER FLOOR AC &	ARTIAL - A UPPER BLEACHER FLOOR AC &	UPPER BLEACHER FLOOR AC & VENTILATION LAYOUT	PARTIAL - B UPPER GROUND FLOOR AC & VENTILATION LAYOUT	ROUND	UPPER GROUND FLOOR AC & VENTILATION LAYOUT	PARTIAL - C LOWER GROUND FLOOR AC & VENTIL	PARTIAL - A LOWER GROUND FLOOR AC & VENTILATION LAYOUT



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SHEET NUMBER

TABLE

OF

CONTENTS

SHEET TITLE

M0-00 M1-01

SITE DEV PLAN, LEGENDS & SYMBOLS, & MECHANICAL EQUIPMENT SCHEDULE

ABBREVIATIONS

M2-01A

M2-01

M1-03

M1-02

M2-01B

PARTIAL

B BASEMENT VENTILATION

LAYOUT

PARTIAL

A BASEMENT VENTILATION LAYOUT

BASEMENT VENTILATION LAYOUT

EQUIPMENT SCHEDULE

EQUIPMENT SCHEDULE

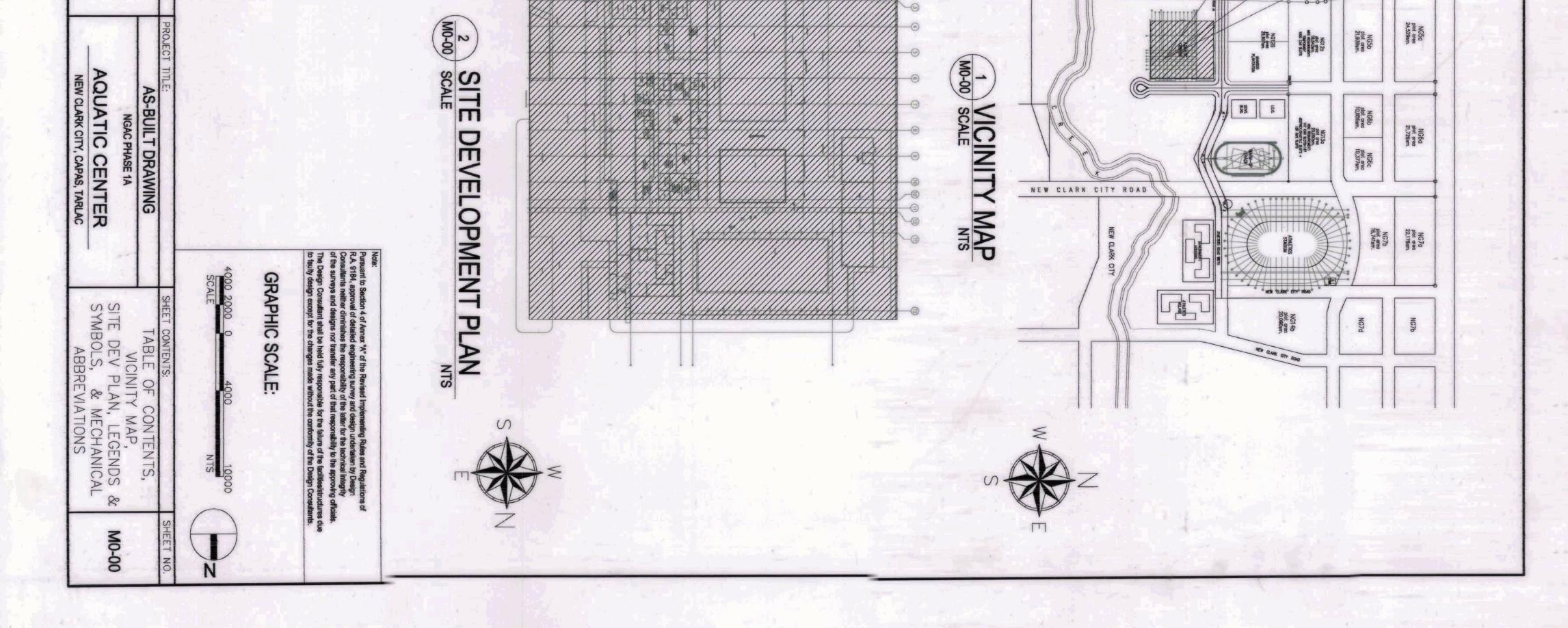
M2-02A

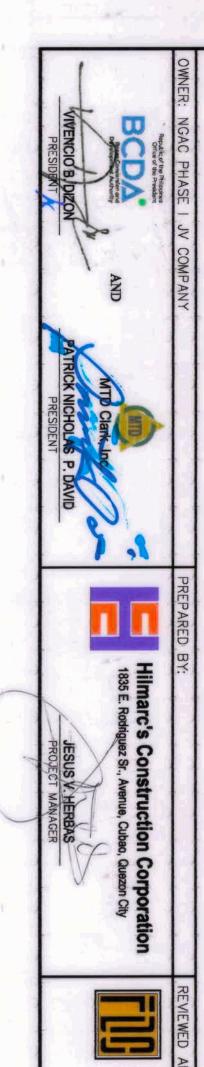
PARTIAL

M2-02

LOWER GROUND FLOOR AC & VENTILATION LAYOU"

- A LOWER GROUND FLOOR AC & VENTILATION LAYOUT





| DRAIN | PIPING GAS | LIQUID | MACHINE WEIGHT | DIMENSION (HXWXD) | 1111 |
 | AIRFLOW RATE (H/L) | POWER CONSUMPTION | | - | COOLING CAPACITY KO | | POWER SUPPLY | QUANTITY | UNIT DESIGNATION | RESH AIR INTAKE (C |

 | PIPING CONNECTIONS

 | MACHINE WEIGHT | DIMENSION (HXWXD) | SOUND LEVEL (| AIRFLOW RATE (| POWER CONSUMPTION | | COOLING CAPACITY | POV | UNI | AN COIL UNIT (CEILING | STEM
 | REMARKS | CONNECTIONS DRAIN | IXWXD) | AIRFLOW RATE (H/L) M9/MIN
SOUND LEVEL (H/L) CEM | POWER CONSUMPTION KW | KW | COOLING CAPACITY KCAL/H | POWER SUPPLY
 | | LINIT DESIGNATION |
|-----------------------------|--|---|---|---|--
---|--|---|---|--|--|---|---|---|---|--
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VP25(EXTER) 32 /INTERNAL	MM Ø15.88	\$9.52	51	* 1,110 x		
 | 2 | | | Ŧ | | TR | 230V / 1PH / | 1 | FAI-LGA | CONCEALED) | REMARKS

 | GAS N

 | | | | (H/L) (H/L) | | | | J | DESIGNA IION | CASSE | LOWER
 | BRAND | 1 11 | 610 x 1850 x400
48 | 32.0/30.5/27.5
1,129/1,076/970
54/47 | 0.19 | | | 230V / 1PH /
4.0
 | 1 | FCU-LGA.1 TO |
| DIA.
A. 25) REFRIGERANT | OPERATION | SOUND L | MACHINE | DIMENSION | AIRFLOW |
 | COMPRESSOR | | POWER CC | | | | | | UNIT | AIR COOLED | UNIT IS SAMS

 | VP25(EXT
INTER

 | | 840 | | | | | | 2301 / | +cu | | UND)
 | | LIQUID
GAS
DRAIN | ION (HxWxD) | LEVEL (H/L) | | KW | COOLING CAPACITY KCAL/H | POWER SUPPLY
 | QUANTITY | UNIT DESIGNATION |
| CHARGE KG | | EVEL | EIGHT | MM | M./WIN | UTPUT NW
 | IXW | TYPE | + | + | | PACITY | | IUANTITY
ICP SIIDPI V | DESIGNATION | CONDENSING UNIT | NG BRAND

 | 8
_ DIA. 32/
IA. 25)

 | 5
12 | x 840 | 95/ | 0/24.0 | 5 | 00 | 00 | / 60HZ | | |
 | BRAND | 9.52
915.88
EXTERNAL DIA.
ERNAL DIA. 25) | 840 x 288x 840
18.5 | 29.0/27.0/24.0
1,023/952/846
44/42/39 | 0.95 | 14.07 | 48.000 | 230V / 1PH / 60HZ -
4.0
 | - | FCU-LGA.6 |
| 1 4 | | | 307+307 | X 1,695 X | 067+067 | 2) T (0.J3 X
 | ~ 05 31 1 /0 | SSC SCROLL × 2 | 4-100 | 106.6 | 363,506 | 91,663 | 30.28 | 1 Hdf / 60 | ACCU-LGC | (ACCU) | IS SAMSUNG BRAND

 | ø15.88
(EXTERNAL DIA. 32/
VTERNAL DIA. 25)

 | 18.5
ø9.52 | 340 x 288 x 840 | 44/42/39 | 29.0/27.0/24.0 | 0.95 | 48,000
14.07 | 12,100 | ~ | NO FOU-LGC | |
 | REMARKS | LIQUID
GAS
DRAIN | (H/L) d
XWXD) | (H/L) | CONSUMPTION | | ~ |
 | QUANTITY | UNIT DESIGNATION |
| | | LIQUID | MACHINE WEIGHT | | |
 | AIRFLOW RATE (H/L) | POWER CONSUMPTION | | | COOLING CABACITY | | POWER SUPPLY | | | FRESH AIR INTAKE | REMARKS

 | Lat

 | 1- | MACHINE WEIGHT | DIMENSION (HXWXD) | | CONSUN | | COOLING CAPACITY | POWER SUPPLY | QUANTITY | CUL UNIT DESIGNA | V SYSTEM
 | UNIT IS SAMSUNG BRAND | \$9.52
\$15.88
VP25(EXTERNAL DIA.
32/INTERNAL DIA. 25) | 42
390 x 1,110 x 650
51 | | | 14.0 | 47,400 | 4.0
 | 1 / 1PH / | FAI-LUA |
| VP25(E
32/INTE | | | 51 | 42
390 x 1,110 x | |
 | | 0 | KW 14.0 | BTU/H 47,400 | KCAL/H 11,953 | | / 1PH / | 2 |).1 & FAI | CONCEALED) | UNIT IS SAMSUNG
BRAND

 | VP25(
32/INTE

 | | 15 | 36/35/3
204 x 840 x | 618/565/ | 17.50/16.0, | | | 230V / 1PH /
2.0 | 1 | LING CASSETT | LOWER
 | GAS | LEVEL
N RANGE
CHARGE | (HXWXD)
WEIGHT | OUTPUT
W RATE | TYPE | Ň | |
 | JPPLY | QUANTITY |
| REFRIGERANT CHARGE | OPERATION RANGE | in l | ALC: HOLE | DIMENSION (HXWXD) | AIRFLOW RATE |
 | COMPRESSOR MOTOR | | | | COULING CAPACITY | | POWER SUPPLY | | UNIT DESIGNATION | AIR COOLED CONDE | UNIT IS SAMSUNG UNIT
BRAND

 | AL DIA.
DIA. 25)

 | ø9.52 | | | /600 | /17.0 | 8.79 | 7,565 | / 1PH / 60HZ
2.5 | 1 | | 0)
 | ø28.58 (BRAZING) | 66
-5 TO 49
R-410A
8.4+8.4
ø15.88. (BRAZING) | (1,295 x 1,695 x 765)+(1,295 x 1,695 x 307+307 | (6.39) | 0 | 29.85 | | 1
 | 380V / 3PH / 60 HZ | |
| KG | | | | MM (1,295 x 1,65 | | KW 6.39
 | | SSC | | | | | / Anor | - | ACCU- | ENSING UNIT (ACCU) | UNIT

 | s
NA. VP25(
25) 32/INT

 | | | 840 | | 0.95 | | | / 60HZ 230V /
4.0 | 4 | |
 | | REMARKS | (765) PIPING GAS | DIMENSION (HXWXD)
MACHINE WEIGHT | | | | COOLING CAPACITY
 | POWER SUPPLY | QUANTITY |
| CONNECTIONS | B PIPING | | | x 765) DIMENSI | ESP | 2
 | | x 2 POWER | | | | | / OU TIZ POWER | / 60 117 | | FRESH AIR INT | SAMSUNG

 | 25) PIPING

 | | | 840 | | | <u> </u> | | - | | - AN CUIL | S V.
 | | IG UNIT | ø9.52
ø15.88
(EXTERNAL VP2 | 44/42/39 3s
840 x 288 x840 288 x
18.5 | 1023/952/846 776 | 29 0/27 0/24 0 | 14.7
0.05 | 12,100
 | 230V / 1PH / 60HZ230V
4.0 | 1 |
| | MM | | KG | MM 390 x | PA | CFM
 | Ma/MIN | KW | KW | BTU/H 47,4 | KCAL/H 11,9 | R | 230V / 1P | | | TAKE (CONCEALED) | REMARKS

 |

 | | NON (HXWXD) | LEVEL (H/L) | V RATE (H/L) | CONSUMPTION | | | POWER SUPPLY | QUANTITY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 | | PIPING
CONNECTIONS | | 1111 | AIDELO | DOWER | |
 | ZHO | |
| | 25(EXTERNAL DIA. REFRIGERANT CHARGE KG 8.4+8.4 DRAIN 725(EXTERNAL DIA. REFRIGERANT CHARGE KG 8.4+8.4 DRAIN 725(EXTERNAL DIA 25) CHARGE KG 8.4 DRAIN 725(EXTERNAL | Ø15.88 OPERATION RANGE 'CDB -5 TO 48 PIPING GAS MM Ø15.88 OPERATION RANGE 'CDB -5 TO 48 PIPING GAS MM Ø15.88 25(EXTERNAL DIA. TYPE R-410A TYPE R-410A CONNECTIONS MM VP25(EXTERNAL DIA. TYPE R-410A GAS MM VP25(EXTERNAL DIA. TYPE R-410A GAS MM VP25(EXTERNAL DIA. TYPE Refrigerant TYPE R-410A DRAIN VP25(EXTERNAL DIA. TYPE Refrigerant GAS MM VP25(EXTERNAL DIA. TYPE Refrigerant GAS MM VP25(EXTERNAL DIA. TYPE Refrigerant DRAIN TYPE RAIN DRAIN TYPE RAIN TYPE RAIN < | Ø9.52 SOUND LEVEL dB(A) 66 LIQUID Ø9.52 SOUND LEVEL dB(A) 66 LIQUID Ø9.52 Ø15.88 OPERATION RANGE 'CDB -5 TO 48 PIPING GAS M Ø15.88 OPERATION RANGE CDB -5 TO 48 PIPING Ø15.88 OPERATION RANGE 'CDB -5 TO 48 PIPING Ø15.88 Ø15.88 OPERATION RANGE CDB -5 TO 48 PIPING Ø15.88 Ø15.88 OPERATION RANGE REFRIGERANT TYPE R-410A Ø15.88 Ø15.88 Ø15.88 Ø15.88 Ø15.88 Ø16.4 Ø15.88 Ø16.4 Ø15.88 Ø16.4 Ø15.88 Ø16.4 Ø16.4 Ø16.4 Ø16.4 Ø15.88 Ø16.4 Ø16.4 | 51 MACHINE WEIGHT KG 307+307 MACHINE WEIGHT KG 307+307 MACHINE WEIGHT KG 307 MACHINE WEIGHT | $\frac{42}{10} \times 1,110 \times 650$ $\frac{42}{10} \times 1,110 \times 650$ $\frac{1}{2} \times 1,695 $ | Z45 AIKLUW RALE MYMIN Z90 - Z90 ESP PA 245 AIRFLOW RATE MM 290 - 290 FA 245 AIRFLOW RATE MM 290 - 290 FA 245 AIRFLOW RATE MN 290 - 290 FA 245 AIRFLOW RATE MN | 635 OUTPUT NM (use x + 1 + 0.5 x + 2) CM 635 CM CM 6.59 x 2 CM < | $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | $ \begin{array}{ c c c c c c } \hline \end{tabular} \end{tabular} \end{tabuar} ta$ | $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | In (3.5.3) Final (3.7.4) SS.06 Koa,/H In (3.5.4) Koa,/H | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | $ \begin{array}{ c c c c c c c c c c c c c c c c c c c$ | Fri-Low MILE DESIGNATION ACDI-LoC MILE DESIGNATION MILE DESIGNATION | FN-GA MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) AIR COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) RESH AIR INTACE (CONCEALED) RESH AIR INTACE (CONCEALED) MIX COOLED CONDENSING UNIT (ACCU) </td <td>MILE MILE <th< td=""><td></td><td>Image: Fig: Fig: Fig: Fig: Fig: Fig: Fig: Fig</td><td>MM MM MMM MMMM MMM MMM <</td><td>Minol
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VRV SYSTEM-LGA (LOWER GROUND)

-	ATE 88 (DDATINC)	MAL											-
-	8.4+8.4	KG	CHARGE	32/INTERNAL DIA. 25)	2	DRAIN	32/INTERNAL DIA. 25)		DRAIN	ID IN HUSE		DRAIN	T
-	R-410A		REFERICERANT TYPE	Ø10.00	MM	CONNECTIONS GAS	VP25/FXTERNAL DIA	MM	CONNECTIONS			CONNECTIONS	Alexandre
T	-5 TO 49	.CDB	OPERATION RANGE	410 00			ø15.88		PIPING GAS	ø15.88	MM	PIPING GAS	
	66	dB(A)	SOUND LEVEL	09.52		liouin	ø9.52	0	LIQUID	ø9.52		מוחמחום	
0	307+307	KG	MACHINE WEIGHT	51	KG	MACHINE WEIGHT	18.5	KG	MACHINE WEIGHT	č			T
1		-		390 x 1,110 x 650	MM	DIMENSION (HXWXD)	and the state			48	KG	MACHINE WEIGHT	T
-	(1,295 x 1,695 x 765)+(1,295 x 1,695 x 765)	MM (1,	DIMENSION (HXWXD)	42	dB(A)	SOUND LEVEL (H/L) dB(A)	840 x 288x 840	MM	DIMENSION (HxWxD)	610 x 1850 x400	MM	DIMENSION (HxWxD)	
-	067 +067	NITM / IN	AIRFLUW RAIE	245	PA	ESP	44/42/39	dB(A)	SOUND LEVEL (H/L)	54/47	dB(A)	SOUND LEVEL (H/L)	
	200-200	13 ALIN		0.00		1	1,023/952/846	CFM	- 1.1 - 1.1	1,129/1,076/970	CFM		
8	(6.39 x 2)+(6.39 x 2)	KW	CUMPRESSUR MOTOR	222		AIRFLOW RATE (H/L)	29.0/27.0/24.0	Ma/MIN	AIRFI OW RATE (H /I)	32.0/30.5/27.5	NIM/SM	AIRFI OW RATE (H /I)	
	SSC SCROLL X 2			18	NIN/6M		1	-	FOWER CONSUMPTION	0.13	NW	OHLIN CONSOMI HON	
-	4-100	%	POWER CONTROL	0.220	KW	POWER CONSUMPTION	0.05	-	DOMED CONICI MADTION	0.10	KW	DOWED CONSI INDTION	
T	29.85	KW	POWER CONSUMPTION	14.0	KW		14.07	KW		14.0	KW		-
	112	KW		47,400	H/NI8	5	48,000	BTU/H	COULING CAPACITI	47,800	BTU/H	COOLING ON AGE 1	-
	381,920	BTU/H		11,900	NUAL/H	COOLING CAPACITY	12,100	KCAL/H	CONTINC CADACITY	12,000	KCAL/H	COOL NC CABACITY	-
0	96,306	KCAL/H	COOLING CAPACITY	41.062	N		4.0	TR		4.0	TR		
-	51.85	R				FUMEN SUFFE	230V / 1PH / 60HZ	Y	POWER SUPPLY	230V / 1PH / 60HZ		POWER SUPPLY	
T	711 00 / 1110 / 2000	3	FUMER SUFFLI	270V / 1PH / 60H7	<	DOWED CIEDOLA	1		QUANTITY	5		QUANTITY	
T	1901 / 107 / 108F	-	DOWED CIIDDI V			QUANTITY				FCU-LGA.5	11		Г
T			QUANTITY	- 21 - 1022	VIV	UNIT DESIGNATION	FCU-LGA.6	ON	UNIT DESIGNATION	FCU-LGA.1 TO	NC	UNIT DESIGNATION	
-	ACCU-LGA		UNIT DESIGNATION	FAILICA	DN	LINIT DECICULATION						A DE LA DE L	Г
1-	NG UNIT (ACCU)	SING U	AIR COOLED CONDENSI		AKE (C	FRESH AIR INTAKE (CONCEALED)	(CEILING CASSETTE)	(CEIL	FAN COIL UNIT	FAN COIL UNIT (FLOOR STANDING)	(FLO	FAN COIL UNIT	-
1	And a		And a	And in the local division of the local divis	and the second se	and the owner where the party of the party o	The rest of the local division of the local		Statement of the second statement of the second statement of the	And in case of the local division of the loc			7

EQUIPMENT SCHEDULE1

VRV SYSTEM-LGB.2 (LOWER GROUND)

PROJECT MANAGER

PRESIDENT

BANDAR HEBAT BUILDERS, INC.

TCGI ENGINEERS 9th Fir. Feliza Bidg., 108 V.A. Rufino St., Legospi Village, Makati City, 1229 Philippines * Tel. Nos. 8178311 to 16 VIRGILIO A. MADRAZO PRESIDENT/CEO TANT

FILIPINAS DRAVO CORPORATION Architectural & Engineering Consultants Sth Floor Aurorg Milestone Bidg, 1045 Aurora Bivd, Ouezon City Philippines 111 Office Milestone 21 - 2271 to 74 Flow. (632) 427 - 2431 Email : fildrayouthilo.com.ph

$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	AS-BUILT DRAWING			REFRIGERANT TYPE	SOUND LEVEL	AIRFLOW RATE	COMPRESSOR MOTOR	POWER CONSUMPTION POWER CONTROL	CODI INC. CADACITY	POWER SUPPLY	UNIT DESIGNATION	D CONDEN	UNIT IS SAMSUNG BRA	ø9.52 ø15.88	288 x 840 x 840	39/34/30	22/19.5/17.0 776 /688 /600	8.79 0.065	7,565	2 230V / 1PH / 60HZ 2.5	FCU-LGE.3, FCU-LGE.		25) BRAND	\$15.88 25(EXTERNAL DIA. READ		× 650	18 635 COM	47,400 Pov	230V / 1PH / 60HZ	FAI-LGA
	DRAWING HASE 1A	Pursuant to R.A. 9184, e Consultants of the surve to faulty des 4000	Note				SSO	% KW	-	380V /	AI	UNIT (ACCU)	DIA. 25) VP25 (EXTERNAL UNIT IS		00		29.0			230	4 FCU-LGE.1,F	GAS	LIQUID	RANGE TYPE	VEIGHT EVEL	(HXWXD)	MOTOR	MPTION	SUPPLY	QUANTITY

Republic of the Philippines	AND MTD Clark, Inc. AND Hilmarc's Construction Corporation 1835 E. Rodriguez Sr., Avenue, Cubao, Quezon City
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	MM	GAS	CONNECTIONS	UNIT IS SHIDE WIND		NEWMINNS	BRAND			
-	NIN	LINOID	PIPING	INIT IS SANSING PRAND		REMARKS	UNIT IS SAMSUNG	2	REMARKS	R
	M		200	SZ/INTERNAL DIA. 25)					I	
	KG	CHARGE	REFRIGERANI	2		DRAIN	32 /INTERNAL DIA. 25)		DRAIN	
-		TYPE		Ø15.88	MM	CONNECTIONS GAS		MM	-	CONNECTIONS
8	CDB.	RANGE	OPERATION RANGE	TOO			M15 88		CAS	PIPING
P	dB(A)	LEVEL	SOUND LEVEL	09.52		dinoi	¢9.52		LIQUID	
-	KG	WEIGHT	MACHINE WEIGHT	51	KG	MACHINE WEIGHT	18.5	KG	WEIGHT	MACHINE WEIGHT
	-	A	and the second se	390 x 1,110 x 650	MM	DIMENSION (HXWXD)	UTU A LUUA UTU	ALLAL	(Invitine)	CIME VOION
(1.295 x	MN	(HXWXD)	DIMENSION (HXWXD)	42	dB(A)	SOUND LEVEL (H/L)	840 × 388× 840	MM	(HxWxD)	DIMENSION (HAWAD)
Z	NIW/eW	RATE	AIRFLOW RATE	245	PA	ESP	44/42/39	dB(A)	FL (H/L)	SOUND LEVEL (H/L)
-		104100		000	CFM		1,023/952/846	CFM	ALE (N/L)	AINFLUW RAIE (1/L)
-	KW	MOTOR	COMPRESSOR	10	NIIN / INI	AIRFLOW RATE (H/L)	29.0/27.0/24.0	NIM/em		
1		TYPE		10	M3/MINI		0.90	MAN	ISUME TON	FUWER CUIN
-	200	ONTROL	POWER CONTROL	0.220	KW	POWER CONSUMPTION		KW		DOWED CONICI IND TION
	KW	SUMPTION	POWER CONSUMPTION	14.0	KW		14.07	KW		
	KW			4/,400	H/UIR		48,000	BTU/H		COOLING C
II	BTU/H					COOLING CAPACITY	12,100	KCAL/H	ADACITY	
1	NUNE/1	APACITY	COOLING CAPACITY	11 0.5.2	VON /U		4.0	R		
2	NCN			4.0	TR					I UN
	TR			ZJUV / TPH / BUHZ	Y	POWER SUPPLY	230V / 1PH / 60H7		DOWED SIDDIY	DOW
-		POWER SUPPLY	POWER	-		ACTIVITY I	4		QUANTITY	Q
-		QUAN III Y	QU	1		DIJANTITY	rcu-0.4			
-		UNIT DESIGNATION	UNIT DI	FAI-U.I	NG	UNIT DESIGNATION	FCU-U.1 TO	Ĭ	UNIT DESIGNATION	UNIT
G	VICN	CUNDE	AIR COULED CONDENSING ON I	(CONCEALED)	1.1	(VEILING CASSETTE) PRESH AIR INTAKE	ING CAUSEILE	1000	1	TIN COL DIVIT

VRV SYSTEM-UGH (UPPER GROUND)	3H (UPPER GRO	JUND)			/RV SYSTEM-	VRV SYSTEM-UGI (UPPER GROUN	D			VF	VRV SYSTEM-P (PRESIDENTIAL SUITE)	Ē
FRESH AIR INTAKE (C	(CONCEALED)	AIR COOLED CONDENSING	NSING UNIT (ACCU)		RESH AIR INTAKE	(CONCEALED)	AIR COOLED CO	CONDENSING	G UNIT (ACCU)		FAN COIL LINIT (CFIL	FILING CON	ING CONCEALED)	FAN COIL UNIT
UNIT DESIGNATION	FAI-UGH	UNIT DESIGNATION	ACC	ACCU-UGH	UNIT DESIGNATION	FAI-UGI	UNIT DESIGNATION	ATION	ACC	ACCU-UGI	· out out to			
QUANTITY	-		230V / 11	1PH / 60 H7	QUANTITY	1	POWER SUPPLY		230V / 11	1PH / 60 H7	UNIT DESIGNATION	N	FCU-P.1 TO FCU-P.5	UNIT DESIGNATION
POWER SUPPLY	230V / 1PH / 60HZ	1 011211 001 1 11		1 11	POWER SUPPLY	230V / 1PH / 60	ZH09	TR	-	-	OUANTITY		л	OUANTITY
TR	4.0		Ŧ	12,482	TR	R 4.0		KCAL/H		13,768	POWER SUPPLY		230V / 1PH / 60HZ	POWER SUPPLY
KCAL/H	11,953	LUULING CAPACIT	BTU/H 49	49.500	KCAL/H	L/H 11,953	COULING CAFACITI	BTU/H		54,600		TR	4.0	
CUULING CAPACITE BTU/H	47,400			14.5	BTU/H	J/H 47,400		KW.		16	COOLING CADACITY	KCAL/H	12,100	
KW	14.0	POWER CONSUMPTION		3.9	KW	W 14.0	POWER CONSUMPTION			4.2	COOLING UNI ACIT	BTU/H	48,000	
POWER CONSUMPTION KW	0.220	POWER CONTROL	-4-		POWER CONSUMPTION KW	W 0.220	POWER CONTROL)L %	4-	4-100		KW	14.07	
N	10		TWIN BLDC	BLDC ROTARY x 1	<			TYPE	TWIN BLDC	BLDC ROTARY × 1	POWER CONSUMPTION	KW	0.330	POWER CONSUMPTION
AIRFLOW RATE (H/L)	122.9	CUMPRESSUR MOTOR	KW 4	4.12	AIRFLOW RATE (H/L)		CUMPRESSUR MU	OUTPUT KW		4.12		NIM/EM	39.0/33.5/28.0	
ESP PA	245	AIRFLOW RATE	NIW/eW	60	ESP PA	A 245	AIRFLOW RATE	NIM/«M		95		CFM	1,376/1,812/988	
SOUND LEVEL (H/L) dB(A)	42	DIMENSION (HXWXD)	MM 940 × 998	V 230	SOUND LEVEL (H/L) dB(A)	(A) 42	DIMENSION (HXWXD)	XD) MM	940 x 1.210	210 × 330	SUUND LEVEL (H/L)		+/ 4/ 40	
DIMENSION (HXWXD) MM	390 x 1,110 x 650				DIMENSION (HXWXD) MM	M 390 x 1,110 x 650		1		1 :		MM	UCO XUOC X UUZ,I	UIMENSIUN (HXWXU)
MACHINE WEIGHT KG	51	MACHINE WEIGHT	AB/AV	10	MACHINE WEIGHT KG	G 51	MACHINE WEIGHT	AD/V/		CR	MACHINE WEIGHT	KG	62	MACHINE WEIGHT
TIOND	ø9.52		-5	TO 48		\$9.52	OPERATION RANGE		1	5 TO 48		4	\$9.5Z	DIDING
CONNECTIONS GAS MM	ø15.88 VP25(EXTERNAL DIA.	REFRIGERANT CHARGE	R-	R-410A 2.0	CONNECTIONS DRAIN MM	VP25(EXTERNAL D	REFRIGERANT	TYPE CHARGE KG		2.0 R-410A	CONNECTIONS DRAIN	MM	VP25(EXTERNAL DIA.	CONNECTIONS
	32/INTERNAL DIA, 25)	PIPING LIQUID	MM Ø9.52. ((BRAZING) -		ENNAL UI	PIPING	LIQUID MM	ø9.52.	(BRAZING)			UNIT IS SAMSUNG	2
REMARKS	UNIT IS SAMSUNG BRAND	CONNECTIONS GAS	MM Ø15.88	(BRAZING)	REMARKS	UNIT IS SAMSUNG B	BRAND CONNECTIONS G	GAS MM	ø19.05	\$19.05 (BRAZING)	REMARKS		BRAND	REMARKS
VRV SYSTEM-U (UTILITY BUILDING	UTILITY BUILD	ING)					VRV SYSTEM-	UGH.1	SYSTEM-UGH.1 (UPPER GROUND)	ROUND)			VRV S	VRV SYSTEM-UGI.1
FAN COIL UNIT (CEIL	ING CASSETTE)	FRESH AIR INTAKE (CC	CONCEALED)	AIR COOLED CONI	CONDENSING UNIT (ACCU)	CU)	FAN COIL UNIT	(FLOOR	(FLOOR STANDING)	AIR COOLED CONDE	CONDENSING UNIT (ACCU) U)	FAN C	FAN COIL UNIT (FLOOR
LINIT DESIGNATION	FOU-U.1 TO	UNIT DESIGNATION	FAI-U.I	UNIT DESIGNATION	NC	ACCU-U				UNIT DESIGNATION	A	ACCU-UGH.1		
	FCU-U.4	QUANTITY	1000 March	QUANTITY		1	UNIT DESIGNATION	~	FCU-UGH.3	QUANTITY		-		UNIT DESIGNATION
QUANTITY	4		930V / 10H / 60H7	POWER SUPPLY		-	QUANTITY		3	POWER SUPPLY	380V /	3PH / 60 HZ		QUANTITY
POWER SUPPLY	230V / 1PH / 60HZ	FUMER SUFFLI	1 11 1		IR	27.04	POWER SUPPLY	230V	DV / 1PH / 60HZ		TR	12.8	POV	POWER SUPPLY
RI	4.0	IX	4.0	COOLING CAPACITY	KCAL/H	81,861		TR	4.0	COOLING CAPACITY		38,695		TR
KCAL,	õ	COOLING CAPACITY KCAL/H	11,953		BTU/H	324,632		KCAL/H	12.000		BTU/H	153,450		KCAL/H
CUOLING CAPACITY BTU/H	48,000	H/UTB	47,400		KW	95.2	COOLING CAPACITY	BTU/H	47.800		KW	45	CUULING CAPACITY	CAPACITY BTU/H
KW		KW	14.0	POWER CONSUMPTION		26.15		KW	14.0	POWER CONSUMPTION	KW	11.4		KW
POWER CONSUMPTION KW		POWER CONSUMPTION KW	0.220	POWER CONTROL	TYDE SCO	4-100	POWER CONSUMPTION	KW	0.19	POWER CONTROL	24	4-100	POWER CONSUMPTION	VSUMPTION KW
NIW/eW	29.0/27.0/24.0	AIRFLOW RATE (H/L) M"/MIN	81	COMPRESSOR MOTOR	A KW IA	2)+(6 3		M3/MIN	30 0/30 5/97 5	COMPRESSOR MOTOR	VW			NIM/s/MIN
MINI LOW INAIL (11/L) CFM	1,023/952/846	UFM	CLO	UNIPUT	A A A A A A A A A A A A A A A A A A A		AIRFLOW RATE (H/L)		1.129/1.076/970	OUTPUT			אואו בטא אאוב עוזבן	CFM

1					ACCU-UGI	Z	UNIT DESIGNATION	FAI-UGI	UNIT DESIGNATION	UN	ACCU-UGH		UNIT DESIGNATION	FAI-UGH	UNIT DESIGNATION	
NIT (CE	FAN COIL UNIT	ALED)	IT (CEILING CONCEALED)	FAN COIL UNIT (CEILING	(ACCU)	UNIT	AIR COOLED CONDENSING	(CONCEALED)	FRESH AIR INTAKE (CON	FRESH))	ENSING UNIT (ACCU	AIR COOLED CONDENSING	CONCEALED)	RESH AIR INTAKE (CONCEALED)	FRE
	ESIDENTIAL SUITE)	NTIAL	EM-P (PRESIDE	VRV SYSTEM-P (PR			ND)	UPPER GROU	VRV SYSTEM-UGI (UPPER GROUND)	VRV			OUND)	VRV SYSTEM-UGH (UPPER GROUND)	V SYSTEM-UC	R
JNIT IS SAM	UNIT IS SAMSUNG BRANDUNIT IS	UN	REMARKS	UNIT IS SAMSUNG BRAND	UNIT IS SAMSUNG BRAND	UNIT IS SAMSUNG BRAND	REMARKS	(BRAZING)	ø15.88. ø28.58	GAS MM	CONNECTIONS	UNIT IS SAMSUNG BRAND	REMARKS	UNIT IS SAMSUNG BRAND	REMARKS	Г
INTERNAL	ID 18 HOSE		DRAIN	יישבא וא ובוגואהב טוה. בשו		UL/ IN IENINAL DIA. 20		4			N.	VP25(EXTERNAL DIA. 32/INTERNAL DIA. 25)	DRAIN	32/INTERNAL DIA. 25)	DRAIN	
Ø15	\$12.7	MM	CONNECTIONS GAS	DIA. VP25 (EXTERNAL DIA.	DIA. VP25 (EXTERNAL DIA.		DRAIN	A		YPE		ø15.88	PIPING GAS MM		CONNECTIONS GAS MM	CON
ø9.	ø6.35	T	-	812.88			CONNECTIONS GAS		A) 66 B -5 TO 40	ANCE COR	SOUND LEVEL	\$9.52	LIQUID	ø9.52	1-	
18	9.0	KG	MACHINE WEIGHT	n 000	117 00		1	-	3 307+307		MACHINE WEIGHT	51	MACHINE WEIGHT KG	18.5	MACHINE WEIGHT KG	MA
820	820 x285 x 227	MM	DIMENSION (HXWXD)	\$9.52	ø9.52	\$9.52	LIQUID	295 x 1,695 x 765)	(1,295 x 1,695 x	XWXD) MM	DIMENSION (HXWXD)	4z 390 x 1,110 x 650	DIMENSION (HXWXD) MM	× 840	2	DIME
36/3	31/29/26	dB(A)	SOUND LEVEL (H/L)						NIN 290+290	ATE MYMIN	AIRFLOW RATE	245	_	44/42/39	SOUND LEVEL (H/L) dB(A)	NOS
141.7/12	247/219/194	CFM		18.5	18.5	18.5	MACHINE WEIGHT KG			PUI		CCO		1,023/952/846	MINI LOW INAIL (11/L) CFM	- Nin
8.5/7.	7.0/6.2/5.5	NIM/em	AIRFLOW RATE (H/L)	44/42/39 840 × 288× 840	38/34/30	36/35/34		x 2)	(6.	MOTOR KW	COMPRESSOR	015	AIRFLOW RATE (H/L)	29.0/27.0/24.0	OW DATE (HAN MS/MIN	AIDE
0.0	0.039	KW	POWER CONSUMPTION	/95	776/688/600	618/565	1	X 2	SSC	TYPE		0.220	POWER CONSUMPTION KW	0.95	POWER CONSUMPTION KW	POWE
3.	2.8	KW		29.0/27.0/24.0 -	22/19.5/17.0	17.50/16.0/14.0	AIDELOW DATE (U A) Ma/MIN		26.15 V		POWER CONSUMPTION	14.0		14.07	KW	Γ
48,0	9,500	BTU/H		0.95	0.065	0.040	POWER CONSUMPTION KW			-		47,400	H/UIB	H 48,000	BTU/H	
12,1	2,396	KCAL/H	COOI ING CAPACITY	14.07	8.79		KW KW	2	/H 324,632	BTU/H		11,953	COOLING CAPACITY KUAL/H	12,100	KCAL/H	COL
1.	0.8	TR		48 000	30 000		COOLING CAPACITY		-/H 81,861	ACITY KCAL/	COOLING CAPACITY	4.0	IR	4.0	TR	-
230V / 1P	230V / 1PH / 60HZ		POWER SUPPLY	12.100	7.565	0	KCAL /H		27.04	TR		ZUNA / ILU / ANET	PUWER SUPPLY	230V / 1PH / 60HZ -	POWER SUPPLY	
2	3		QUANTITY	4.0	2.5	2.0	FUWER SUFFLI	7 PU UZ	/ 1085		POWER SUPPLY	/ 100 /		4	QUANTITY	
FCU-L	FCU-LGG.3,FCU-LGG.7	F	ONLI DESIGNATION	1020	1 1 V020 7	970V / 10H / 60H7	QUANTITY			TITY	QUANTITY	0	DUIANTITY	FCU-LGF.4 -	CHIL DESIGNATION	
FCU-LO	FCU-LGG.6,		LINIT DESIGNATION	FCU-LGG.8	.9 FCU-LGG.5	FCU-LGG.7,FCU-LGG.9	SIGNATION	GF	ACCU-LGF	GNATION	UNIT DESIGNATION	FAI-LGF.1, FAI-LGF.2	UNIT DESIGNATION	FOU-LGF.1 TO	LINIT DESIGNATION	
	NTED)	LL MOUNTED)	AN COIL UNIT (WALL			CEILING CASSETTE)	AN COIL UNIT (CEIL	FAN	NG UNIT (ACCU)	COOLED CONDENSING UNIT	AIR COOLED	(CONCEALED)	FRESH AIR INTAKE (C	(CEILING CASSETTE) F	AN COIL UNIT (CEI	FAN
					ROUND)	G (LOWER G	VRV SYSTEM-LGG (LOWER GROUND)	VR					OUND)	VRV SYSTEM-LGF (LOWER GROUND)	VSYSTEM-LG	VR
																1
						00000										

EQUIPMENT SCHEDULE2

VRV SYSTEM-LGG (LOWER GROUND)

-LGG.2 &

AIR

N

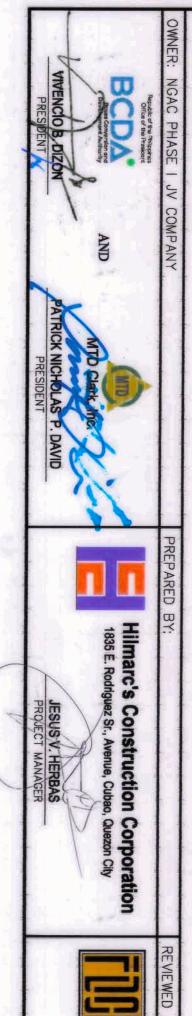
R

NDENSING UNIT

ACCU-LGG

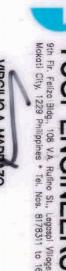
QUANTI POWER SL

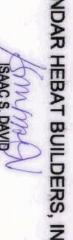
R-410A 7.7 7.7 2.7 (BRAZING) .58 (BRAZING)	HYPE KG R MM Ø12.7 (MM Ø12.7 (Note: MM Ø12.7 (Pursuant to Section 4 of Annex *A" of the Revise Consultants neither diminishes the responsibility of the surveys and designs nor transfer any part of taulty design except for the changes made with SCALE GRAPHIC SCALE: 4000 2000 0 40 SCALE SHEET CONTENTS: EQUIPMENT	NG REFRIGERANT CHARGE NG PIPING CONNECTIONS LIQUID GAS LIQUID GAS AS-BUILT DRAWING RAS-BUILT DRAWING NGAC PHASE 1A NGAC PHASE 1A AQUATIC CENTER AQUATIC CENTER EW CLARK CITY, CAPAS, TARLAC EW CLARK CITY, CAPAS, TARLAC	ID 18 HOSE UNIT IS SAMSUNG BRAND PROJECT TITLE: NEW		ING) ZING) INDEPENDEN INDEPENDEN Sth. Fir. Feliza Bi Mokati City, 1222 PRESI	T CHARGE KG LIQUID MM GAS MM BUILDERS, INC.	NG PIPING CONNECTIONS	UNIT IS SAM BRAND BA	REMARKS REMARKS DRPORATION DRPORATION Isultants Aurpra Blad, Guezen Gity Website: WWW. Hidravo.com	A TE NG
CCU) CU-P.1 TO P.6 6 CU-P.1 TO P.6 4.5 12,482 4,5 12,482 4,500 14,5 3.9 4-100 BLDC ROTARY x 1 4.12 60 0 x 998 x 330 76 	Instruction Instruction Active construction SUMPTION KW Active construction NTROL R Trimin NTROL % Trimin NUTROL % Trimin RATE M'Min 940 (HXWXD) MM 940 (HXWXD) A 940 (HXWXD) A 940 (HXWXD) A 940 (HXWXD) A 940 <	TO FCU-P.8 10 FCU	VIT CEILING PACITY R IANTITY R R SUPPLY R KCAL/H MMPTION KW IMPTION KW IN SI.1 (UPPER OOR STANDINC OOR STANDINC IN S2.0/30.5/27. IN 32.0/30.5/27. IN 32.0/30.5/27. IN 32.0/30.5/27. IN 54/47 IN 48 IN 48 IN 11.129/1.076/97 IN 1850 x4 IN 18 HOSE	FAN COIL BOHZ POWER COOLING BOHZ POWER COOLING BOHZ POWER COULING BOHZ POWER SUPPLY POWER SUPPLY CONSUMPTION RENCONSUMPTION FENSION (H/L) CONSUMPTION COULEVEL (H/L) CONSUMPTION FENSION (H/WAD) CONSUMPTION C	NIT (CEILING CONCEA) PESIGNATION FCU-FA ANTITY FCU-FA ANTITY FCU-FA FCU-FA FCU-FA FCU-FA FCU-FA FCU-FA FCU-FA FCU-FA FCU-FA FCU/H FCU/H FCU/H FCU/H FCU/H FCU/H FCAL/H FCU/H FCU/H FCAL/H FCU/H FCAL/H FCAL/H FCU/H FCAL/H FCU/H	TYPE FOR NDENSING UN ATION ATION ATION PUT NDENSING UN PUT NMACHINE V ATION ATION NDENSING UN BTU/H BTU/H KW MACHINE V ATION ATION KW NACHINE V ATION NMACHINE V KW NMACHINE V ATION KW NMACHINE V KW NMACHINE V KW CONNECTIONS	CU) ACCU-UGI	IG UNIT IG UNIT IG UNIT IN 2 IN 12,000 47,800 14.0 12,000 14.0 12,000 47,800 14,0 12,000 54/47 54/47 54/47 48 Ø15.88 Ø15.88	Z OULED COULED COUNT DESIGNA QUANTITY POWER CONSUMPTION POWER CONSUMPTION POWER CONSUMPTION POWER CONSUMPTION POWER CONSUMPTION AIRFLOW RATE (H/L) DIMENSION (HXWXD) MACHINE WEIGHT MACHINE WEIGHT MACHINE WEIGHT MACHINE WEIGHT	
	W / 3PH / 60 HZ 19.1 57,821 229,300 67.2 17.1 4-100 SSC SCROLL X 2 26.39 X 2 340 295 x 1,795 765 331 66 -5 TO 48 R-410A 12.5 15.88 (BRAZING) 34.92 (BRAZING)		2 230V / 1PH / 60HZ 1.0 12,104 48,000 3.5 0.042 8.5/7.5/6.6 141.7/125.0/110 36/33/29 820 x285 x 227 18.5 99.52 ø15.88 VP25(EXTERNAL DIA. 32/ INTERNAL DIA. 25) UNIT IS SAMSUNG BRAND	Inconcession 3 TR 230V / 1PH / 60HZ TR 0.8 KCAL/H 2,396 BTU/H 9,500 KW 2,396 Mº/MIN 7.0/6.2/5.5 CFM 247/219/194 dB(A) 31/29/26 MM 820 x285 x 227 KG 9.0 Ø6.35 0 ID 18 HOSE UNIT IS SAMSUNG BRAND	QUANTITY POWER SUPPLY VG CAPACITY CONSUMPTION W RATE (H/L) LEVEL (H/L) LEVEL (H/L) SION (HXWXD) SION (HXWXD) SION (HXWXD) SION (HXWXD) LEVEL (H/L) LEVEL (H/L) DRAIN REMARKS	60HZ 230V 1PH 60HZ 4.0 4.0 4.0 12,100 14,00 0.00 10 14,00 0.95 00 14,00/ 0.95 00 1,023/952/846 POWER 00 1,023/952/846 POWER 18.5 SOUND 44/42/39 840 840 × 288× 840 AIRFLO 99.52 DIMEN: MACI 18.5 SOUND MACI 99.52 MACI MACI 14. 25)32/INTERNAL DIA. 25) MACI WINC UNIT IS SAMSUNG PIPIN BRAND BRAND CONNEC	Z 230V / 1PH / 2.5 7,565 30,000 8.79 0.065 22/19.5/17 776/688/6 39/34/30 288 × 840 × 18.5 \$39/34/30 288 × 840 × 18.5 \$32/INTERNAL D 5)32/INTERNAL D 5)32/INTERNAL D BRAND	230V / 1PH / 60H 2.0 6,051 24,000 7.03 0.040 17.50/16.0/14.0 618/565/494 36/35/34 288 × 840 x 840 18.5 99.52 99.52 99.52 UNIT IS SAMSUNG BRAND	CAPACITY WER SUPPLY ONSUMPTION RATE (H/L) EVEL (H/L) EV	380V / 3PH / 60 HZ 27.04 81,861 324,632 95.2 95.2 95.2 26.15 4-100 SSC SCROLL X 2 (6.39 × 2)+(6.39 × 2) (6.39 × 2)+(6.39 × 2) 290+290 290+290 5 × 1,695 × 765)+(1,295 × 1,695 × 765) 307+307 66 -5 TO 49 R-410A 8.4+8.4 915.88. (BRAZING) \$28.58 (BRAZING) \$28.58 (BRAZING)



RE	MAX. LEVEL DIFFERENCE	MAX. PIPING LENGTH		PIPING CONNECTIONS		OPERATION RANGE	MACHINE WEIGHT	DIMENSIONS	SOUND PRESSURE LEVELS		REFRIGERANT		COMPRESSOR		MACHINE WEIGHT	DIMENSION (HXWXD)	SOUND LEVEL (H/L/SL)		AIRFLOW RATE (H)	POWER CONSUMPTION				COOI ING CAPACITY		POWE	QL	UNIT
REMARKS			DRAIN	GAS	LIQUID			HXWXD	H/SL	CHARGE	TYPE	MOTOR OUTPUT	T T	TUO	T D	0)	/sl)		H	FION	IND			Ţ		POWER SUPPLY	QUANTITY	UNIT DESIGNATION
	м	M		MM		.CDB	KG	MM	DB (A)	KG		W	TYPE	OUTDOOR UNIT	KG	MM	dB(A)	CFM	Ma/WIN	KW	INDOOR UNIT	KW	BTU/H	KCAL/H	TR			
UNIT IS SAMSUNG BRAND	15	30		ø9.52 X 2	ø6.35 X 2	-5 TO 46	37.9	790 X 548 X 285	45	1.3	R410A	4,454	TWIN BLDC ROTARY		8.0	285 x 820 x 215	37/34/30/23	356/318/279	10.10/9.0/7.9	0.050		3.5	11,900	3000	1.0	230V / 1PH / 60HZ	4	FCU-TEL.2
UNIT IS SAMSUNG BRAND	15	70		ø9.52 × 2 + 12.7 × 1	ø6.35 X 2	-5 TO 46	65	880 X 798 X 310	48	2.8	R410A	7.766	TWIN BLDC ROTARY		11.5	1065 X298 X 230	44/39/35/27	628/504/374	17.8/14.3/10.6	0.060		6.8	23,200	5,850	2.0	230V / 1PH / 60HZ	2	FCU-FCC.1 & FCU-FCC.2

DIRECT EXPANSION SYSTEM - MDF, TELCO & FCC AREA



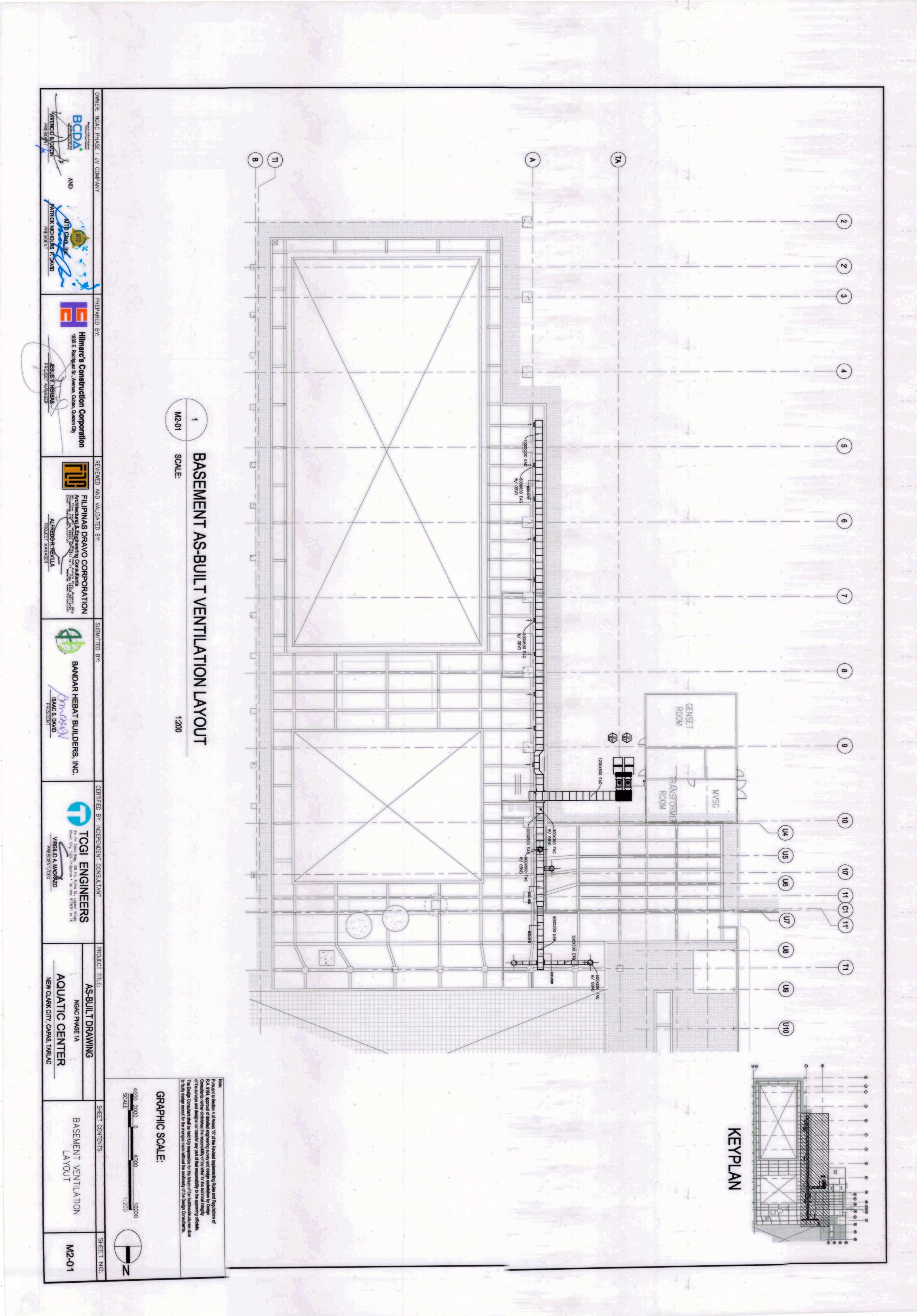


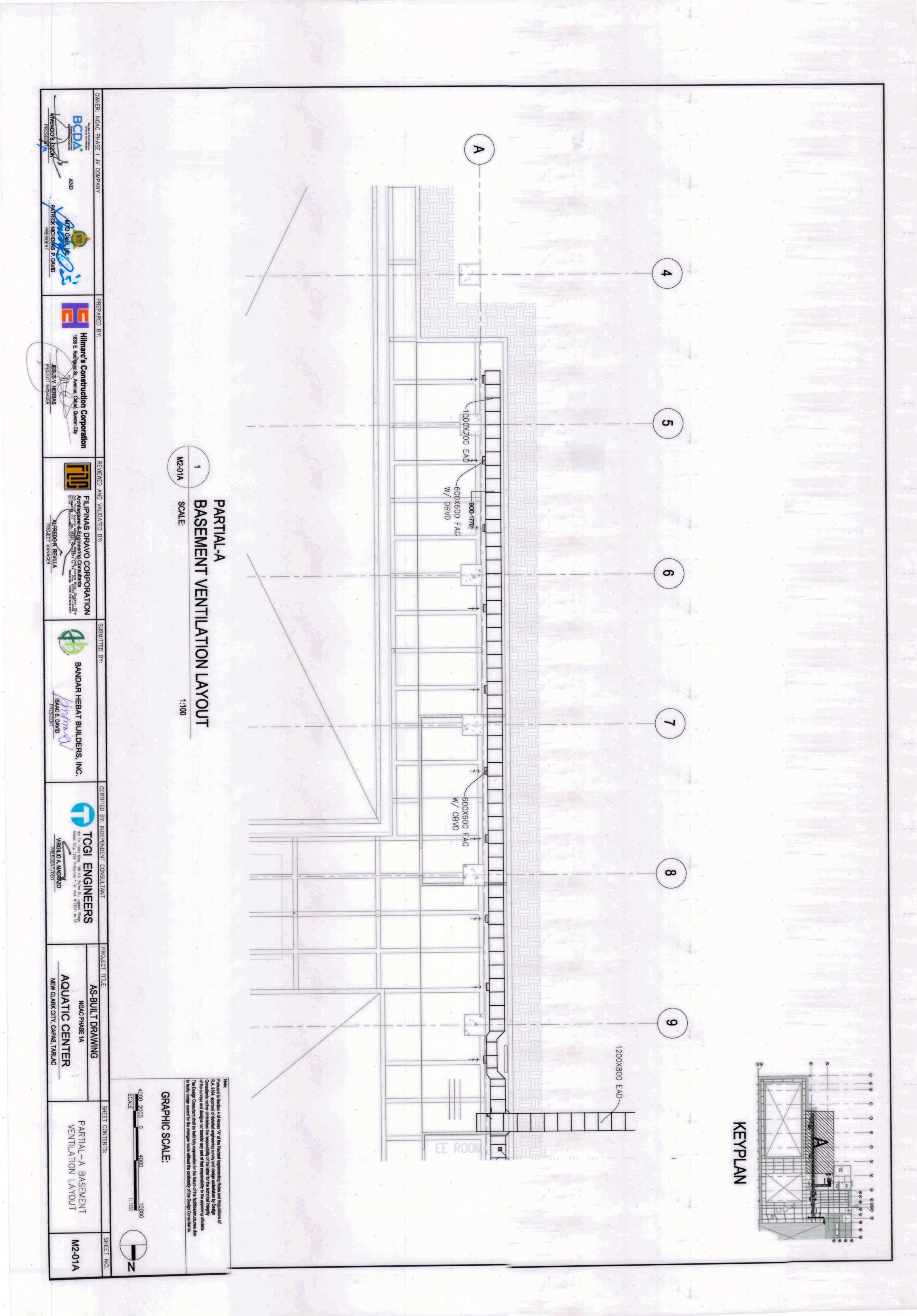


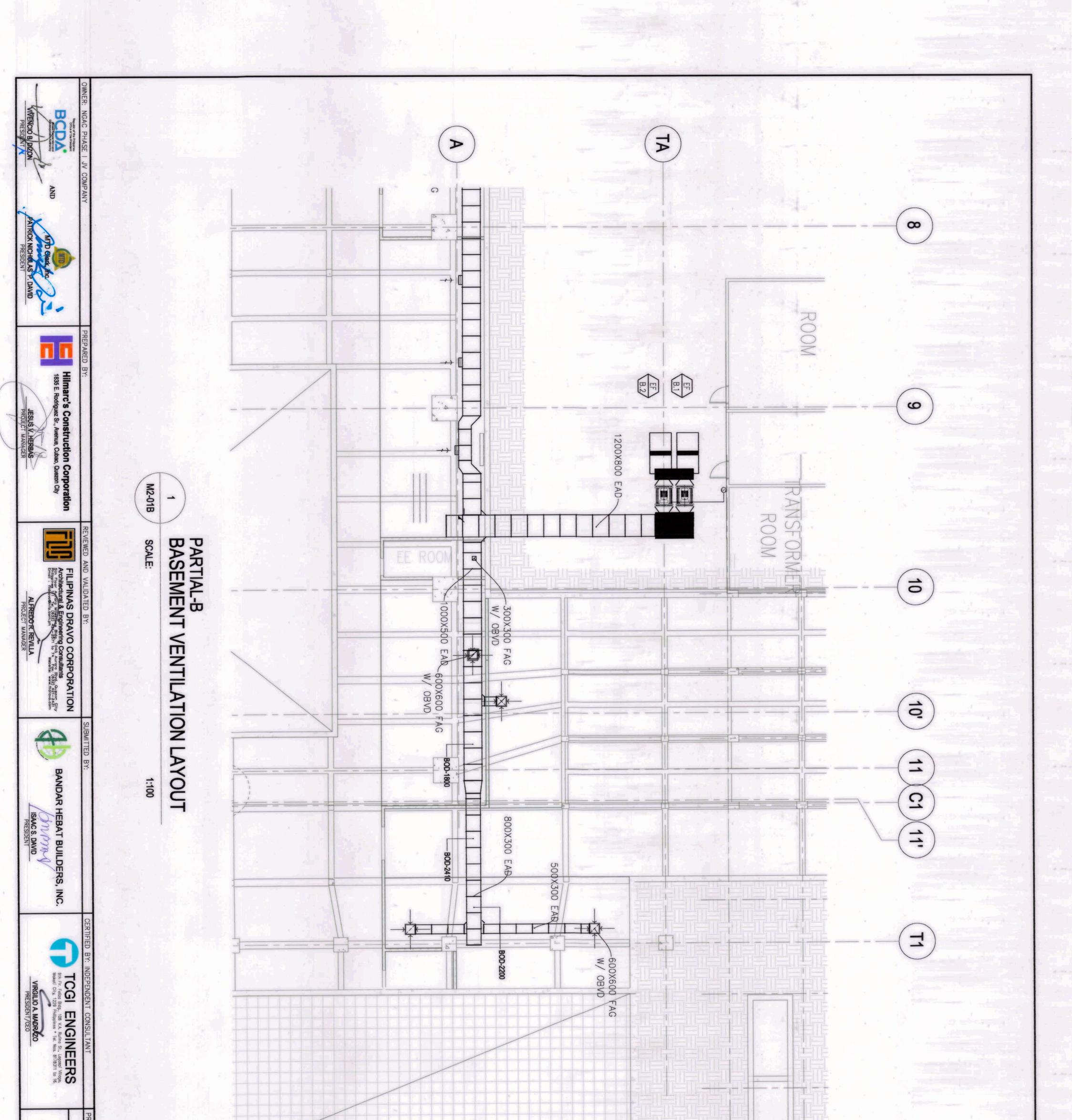
FILIPINAS DRAVO CORPORATION Architectural & Engineering Consultants Ship Proof Attrong Blogs, 10:45 Attrong Blogs, 2012 Endir ; Fildro Gento.com.ph ALFREDOR. REVILLA PROJECT MANAGER	VED AND VALIDATED RY.			BASIS OF DESIGN	WEIGHT (Kg)	NOISE dB(A)	FAN SPEED (R.P.M)	CONSUMPTION (Kw)	TYPE	EXTERNAL STATIC PRESSURE (Pa)	AIR VOLUME (CFM)	POWER SUPPLY	LOCATION	QUANTITY	UNIT DESIGNATION	EXHAUST FAN (EF) - EE ROOM & U	REMARKS	MOTOR SPEED	MOTOR POWER	FAN ABSORBED POWER	ALTITUDE	AIR TEMPERATURE	FAN SPEED	FAN TOTAL EFFICIENCY	OUTLET VELOCITY	THE REPORT OF TH
					4,4	34	570	0.033	WALL MOUNTED	40	80	220V / 1PH /	DRY LAND TOILET	1	TEF-U	- EE ROOM & UTILITY BUILDING : TOILET EXHAUST FAN (TEF)	UNIT IS	RPM		KW	M	Ċ	RPM		S/W	
BAN	CIEMITTED BY.											60HZ 220	r area		IEF	LET EXHAUST FAN	IS KRUGGER BRAND	3480	D80(0.550KW)	0.364	1	30	2105	64%	6.58	
BANDAR HEBAT BUILDERS, INC.					4.4	34	570	0.033	CEILING CASSETTE	40	159	220V / 1PH / 60HZ	TOILET AREA	2	TEF-P.1 & TEF-P.2	(TEF) - PRESIDENTIAL SUITE	UNIT IS	1740	D80(0.550KW)	0.179	1	30	1776	61.9%	3.31	
a share to have a					5.6	33	540	0.061	CEILING CASSETTE	40	260	220V / 1PH / 60HZ	EE ROOM	2	EF-EE	SUITE	KRUGGER BRAND UNIT IS KRUGGER BRAND	1740	D80(0.550KW)	0.341		30	1750	64.6%	6.26	
TCGI ENGIN Sth Fir. Felizo Bidg., 108 V.A. Rufino Mokati City, 129 Philippines Tel. M VIRGILIO A. MADRAZO PRESIDENT/CEO				SIMILAR TO KDK OR	6.1	42	1,560	0.080	WALL MOUNTED	20	1,224	220V / 1PH / 60HZ	METERING VAULT	2	EF-U.5 & EF-U.6		UNIT IS KRUGGER BRAND	3480	D80(0.550KW)	0.371	1	30	2116	63.8%	6.67	
A. MADRAZO				OR APPROVED EQUAL	10.5	48	1,660	0127	WALL MOUNTED	20	1,730	220V / 1PH / 60HZ	LVSG ROOM	2	EF-U.3 & EF-U4		UNIT IS KRUGGER BRAND	1740	D80(0.550KW)	4.97		30	1835	64.3%	4.04	(provide a constraint of the second of the
NEW					5		11	0.	WALL M	2	5,5		GENSE		EF-U.7 & EF		250UNIT IS KRUGGER BRAND	3480	D80(0.750KW)	0.501	1	30	2318	60	8,17	
AS-BUILT DRAWING NGAC PHASE 1A AQUATIC CENTER					34	54	1,150	0.361	WALL MOUNTED	20	5,539	220V / 1PH / 60HZ	GENSET ROOM	2	& EF-U.8		UNIT IS KRUGGER	1740	D80(0.75KW)	0.544	1	30	57.7 %	64%	7.69	and a second sec
AWING	<u>م</u>	consultar of the sur to faulty of	Note: Pursuant		34	54	1,150	0.361	WALL MOUNTED	20	5,539	220V / 1PH / 60HZ	EQUIPMENT ROOM	а	EF-U.9		UNIT IS KRUGGER BRAND UNIT IS KRUGGER BRAND	3500	60	0.657	1	30	2102	61.4	8.67	
EQUIPMENT SCHEDULE	4000 2000 0 4000 SCALE	Consultants neither diminishes the responsibility of the latter for the of the surveys and designs nor transfer any part of that responsibility design Consultant shall be held fully responsible for the failun to faulty design except for the changes made without the conformition GRAPHIC SCALE :	to Section 4 of Annex "A" of the Revised Im		34	54	1150	0.912	WALL MOUNTED	20	10,350	220V / 1PH / 60HZ	TRANSFORMER ROOM	2	EF-U.1 & EF-U.2		RAND UNIT IS KRUGGER BRAND	2501	D132M(5.50KW)	2.67		30	55.8 888	65.6%	6.67	

REMARKS	MOTOR SPEED	MOTOR POWER	FAN ABSORBED POWER	ALTITUDE	AIR TEMPERATURE	FAN SPEED	FAN STATIC EFFICIENCY	FAN TOTAL EFFICIENCY	OUTLET VELOCITY	TOTAL PRESSURE	VELOCITY PRESSURE	STATIC PRESSURE	AIF VOLUME	OPERATING CONDITIONS	FAN TYPE	POWER SUPPLY	QUANTITY	UNIT DESIGNATION	EXHAUST FAN (EF)
	RPM	UNIDER	KW	M	0.	RPM			M/S	Pa	Pa	Pa	CFM						
UNIT IS KRUGGER BRAND	3480	D80(0.550KW)	0.364	1	30	2105	59.2%	64%	6.58	340	25.2	315	1,450	DUCTED	LINE CABINET	230V / 1PH / 60HZ		EF-LG.2	
UNIT IS KRUGGER BRAND	1740	D80(0.550KW)	0.179	1 - 1	30	1776	60.6%	61.9%	3.31	321	6.39	315	730	DUCTED	LINE CABINET	230V / 1PH / 60HZ	2	EF-LC.7, EF-LC.8	
UNIT IS KRUGGER BRAND	1740	D80(0.550KW)	0.341		30	1750	60.3%	64.6%	6.26	338	22.8	315	1,380	DUCTED	CENTRIFUGAL FAN IN LINE CABINET	230V / 1PH / 60HZ	1	EF-LG.5	
UNIT IS KRUGGER BRAND	3480	D80(0.550KW)	0.371		30	2116	58.9%	63.8%	6.67	341	25.9	315	1,470	DUCTED	CENTRIFUGAL FAN IN LINE CABINET	230V / 1PH / 60HZ	1	EF-LC.6	
UNIT IS KRUGGER BRAND	1740	D80(0.550KW)	4.97		30	1835	62.4%	64.3%	4.04	325	9.50	315	068	DUCTED	CENTRIFUGAL FAN IN LINE CABINET	230V / 1PH / 60HZ	1	EF-LG.1	
BRAND	3480	D80(0.750KW)	0.501		30	2318	53.4%	60	8,17	5354	38.9	315	1800	DUCTED	CENTRIFUGAL FAN IN LINE CABINET	230V / 1PH / 60HZ	N	EF-UG.1, EF-UG.2	
UNIT IS KRUGGER BRAND	1740	D80(0.75KW)	0.544		30	1978	57.7 %	64%	7.69	349	34.4	315	2,210	DUCTED	CENTRIFUGAL FAN IN LINE CABINET	230V / 1PH / 60HZ	1	EF-LG.4	
UNIT IS KRUGGER BRAND UNIT IS KRUGGER BRAND UNIT IS KRUGGER BRAND	3500	D90(1.10KW)	0.657	1	30	2102	53.9	61.4	8.67	39	43.8	315	2,380	DUCTED	CENTRIFUGAL FAN IN LINE CABINET	230V / 1PH / 60HZ	1	EF-LG.3	
UNIT IS KRUGGER BRAI	2501	D132M(5.50KW)	2.67		30	888	55.8	65.6%	6.67	341	26	315	11,100	DUCTED	CENTRIFUGAL FAN IN LINE TUBULAR	380V / 3PH / 60HZ	2	EF-B.1, EF-B.2	

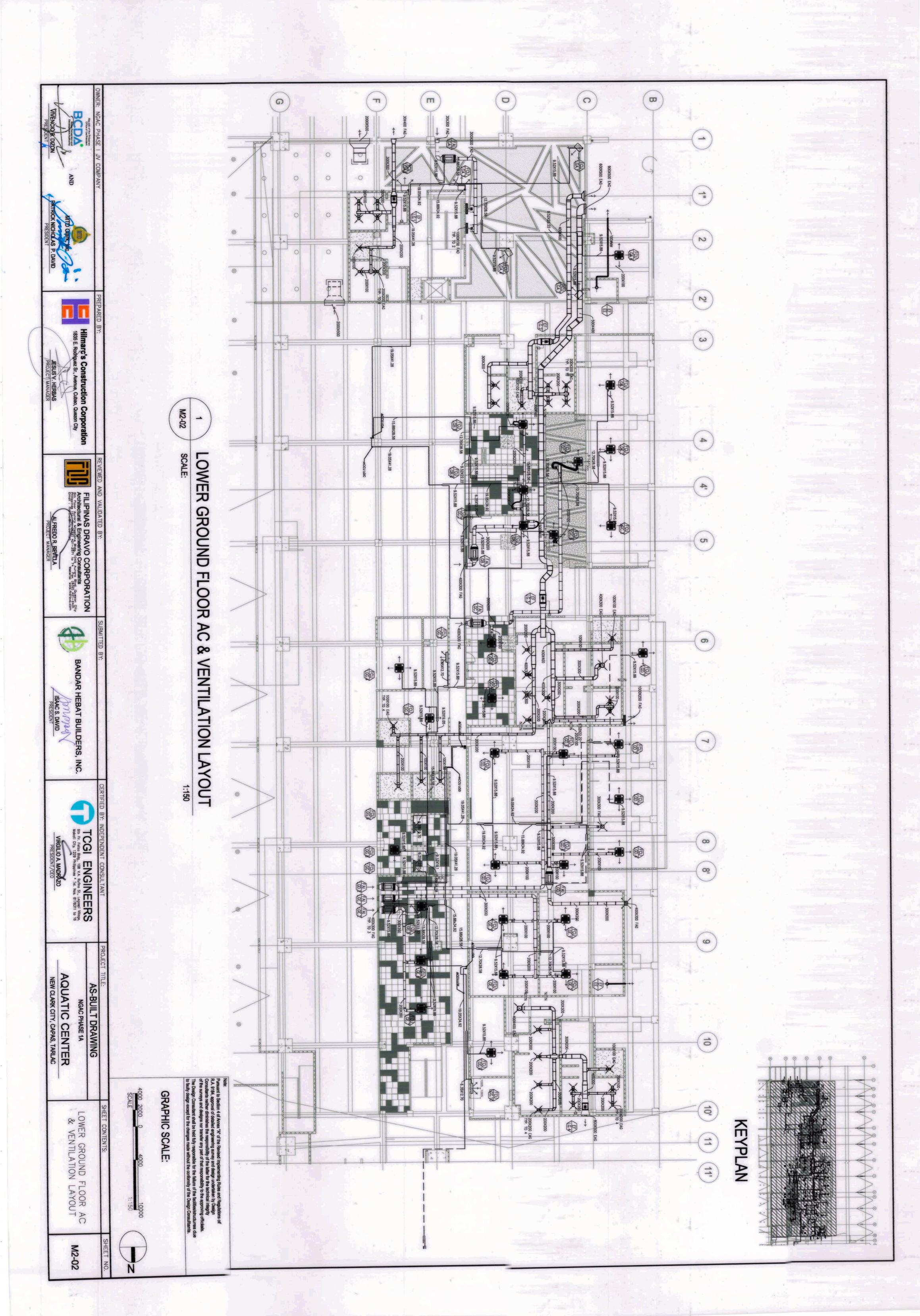
EQUIPMENT SCHEDULE3

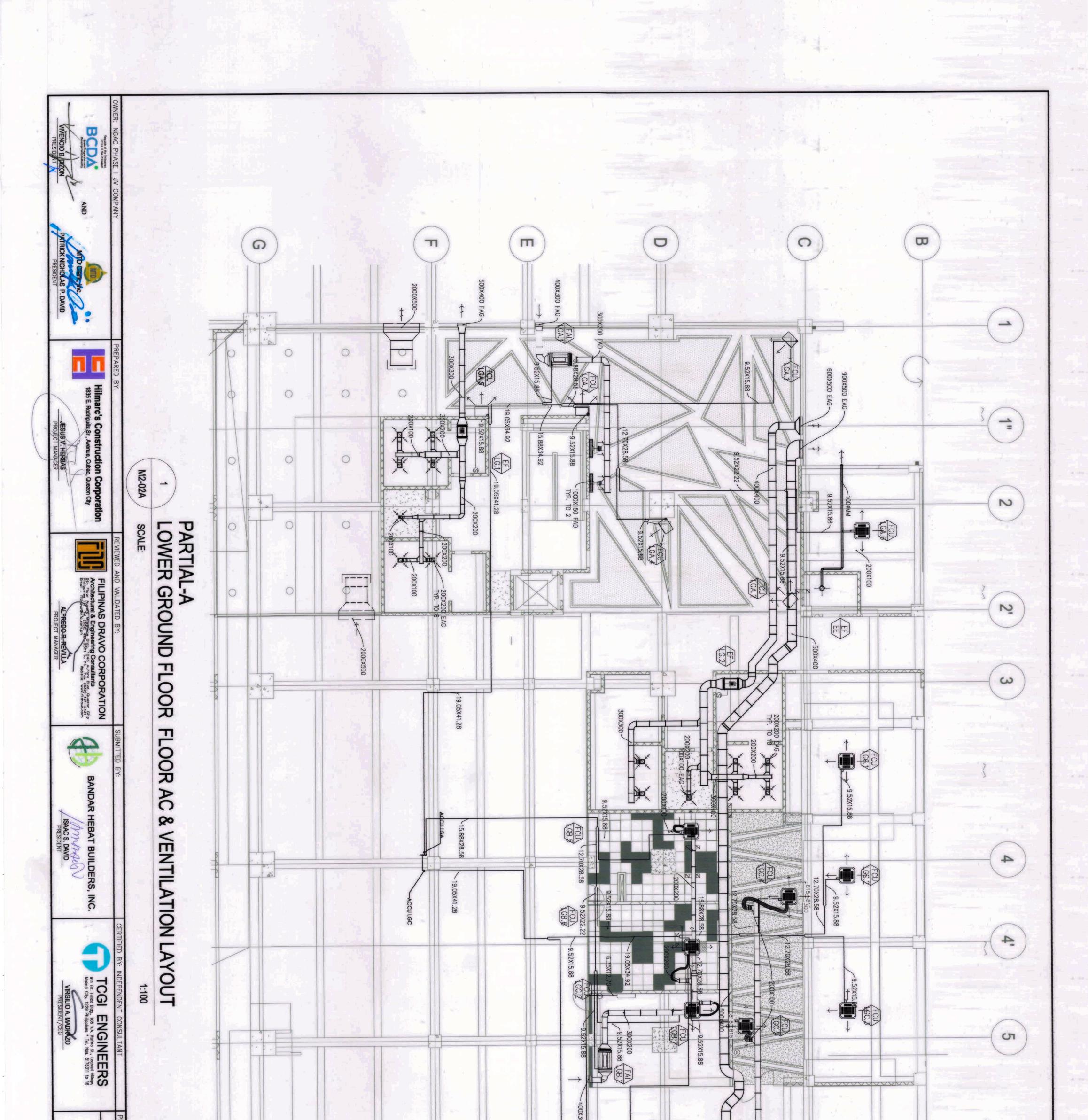




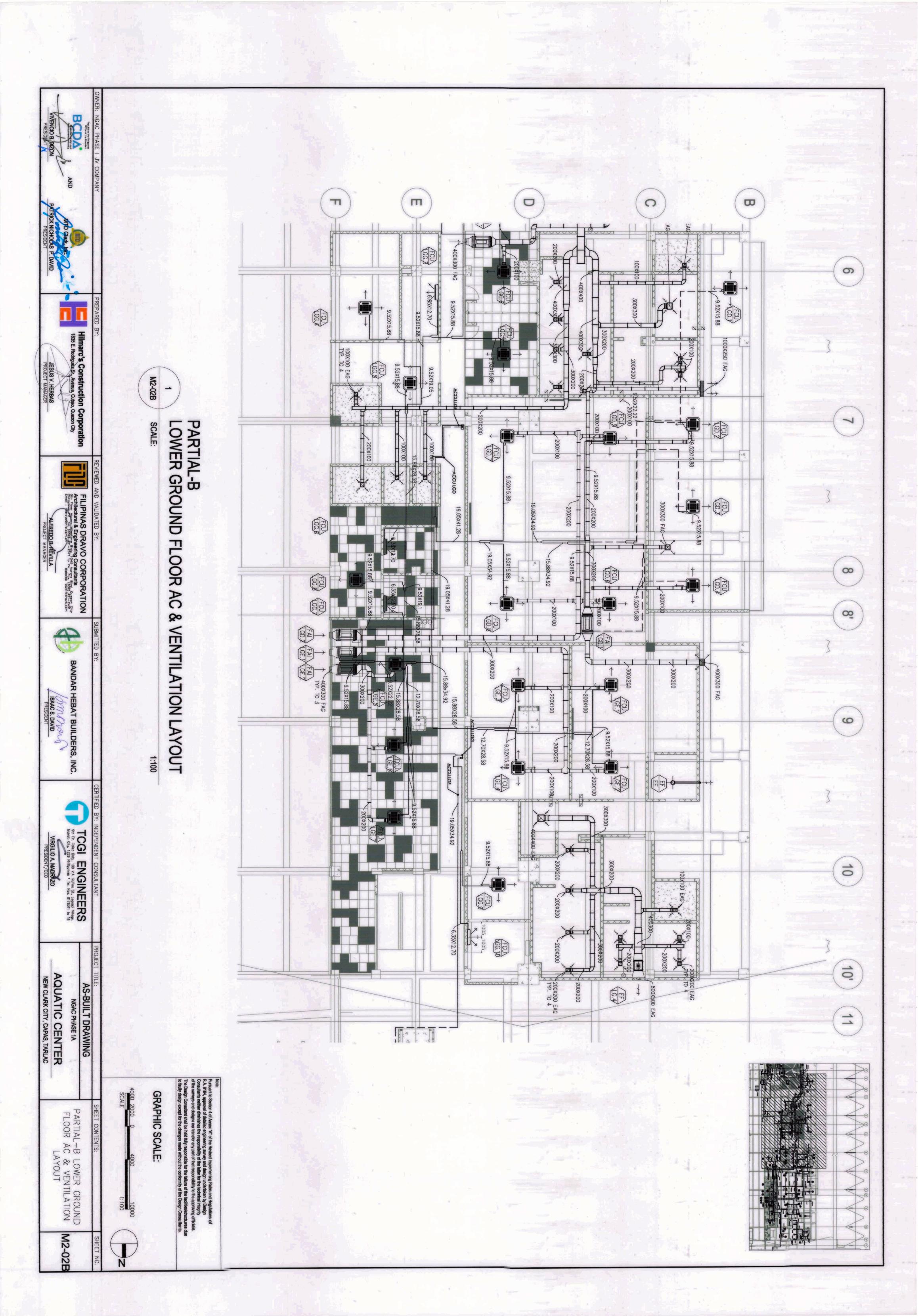


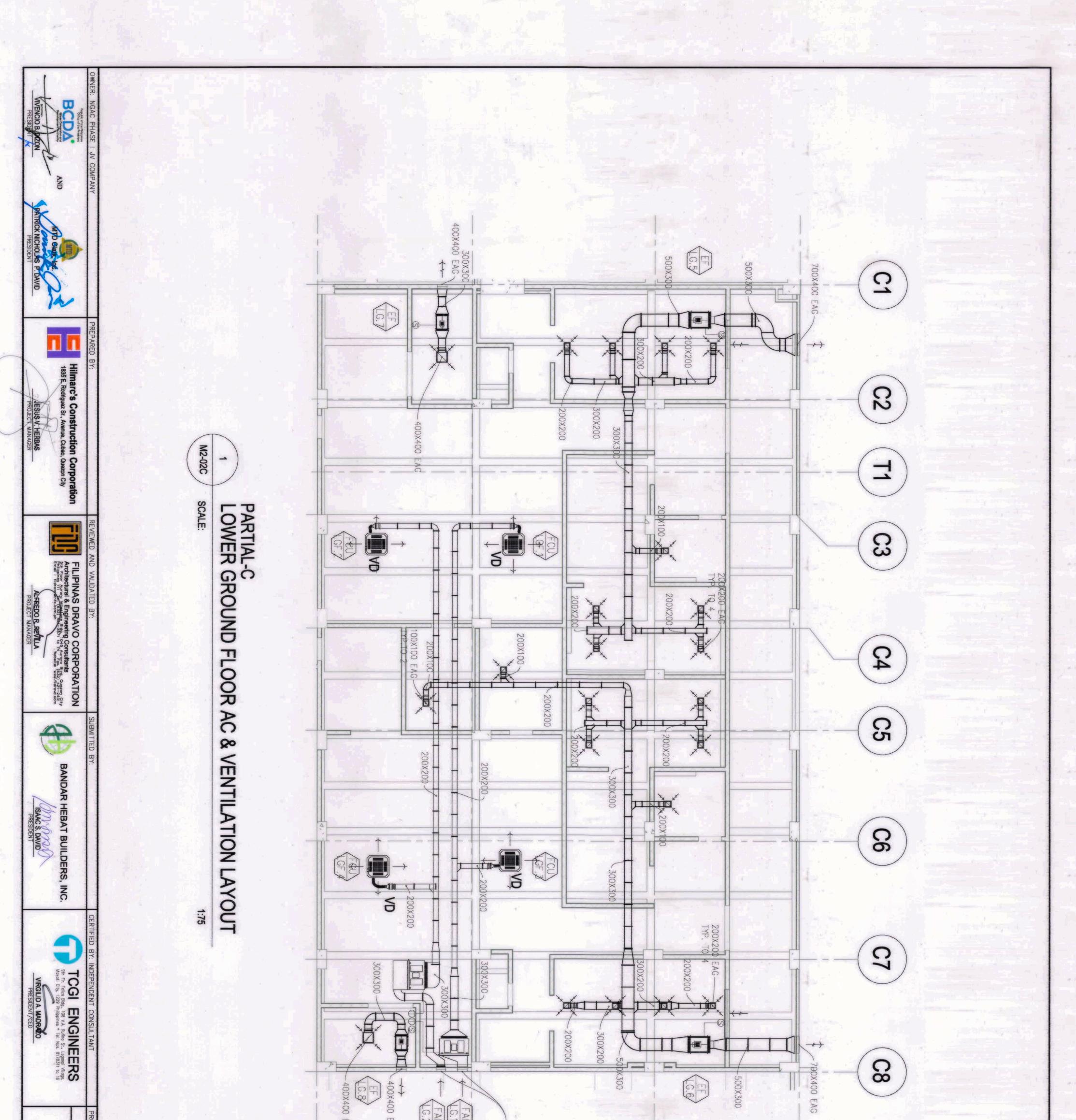
oject title: AS-BUILT DRAWING NGAC PHASE 1A AQUATIC CENTER NEW CLARK CITY, CAPAS, TARLAC			S	
The Design Consultant shall be hed tuly responsible for the faulty design except for the design Consultant shall be except for the design except for the design Consultant shall be except for the de	Note: Pursuant to Section 4 of Annex "A" of the Revised Implementing R.A. 9184, approval of detailed engineering survey and design to Consultants neither diminishes the responsibility of the latter for of the surveys and designs nor transfer any part of that responses The Design Consultant shall be held fully responsible for the fail			KEYPLA
Interintersectures due mity of the Design Consultants. 1:100 1:100 NEET NO. SEMENT AYOUT M2-01B	rRules and Regulations of Indentaken by Design the technical integrity bility to the approving officials.			





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The sector of the basic and Regulations of the basic of t	-A LOV AC &	Note: Pursuant to Section 4 of Annex: "A" of the Revised Implementing Rules and R.A. 9184, approval of detailed engineering survey and design undertaken Consultants neither diminishes the responsibility of the latter for the technic of the surveys and designs nor transfer any part of that responsibility to the The Design Consultant shall be held fully responsible for the failure of the failure		KEYPLAN



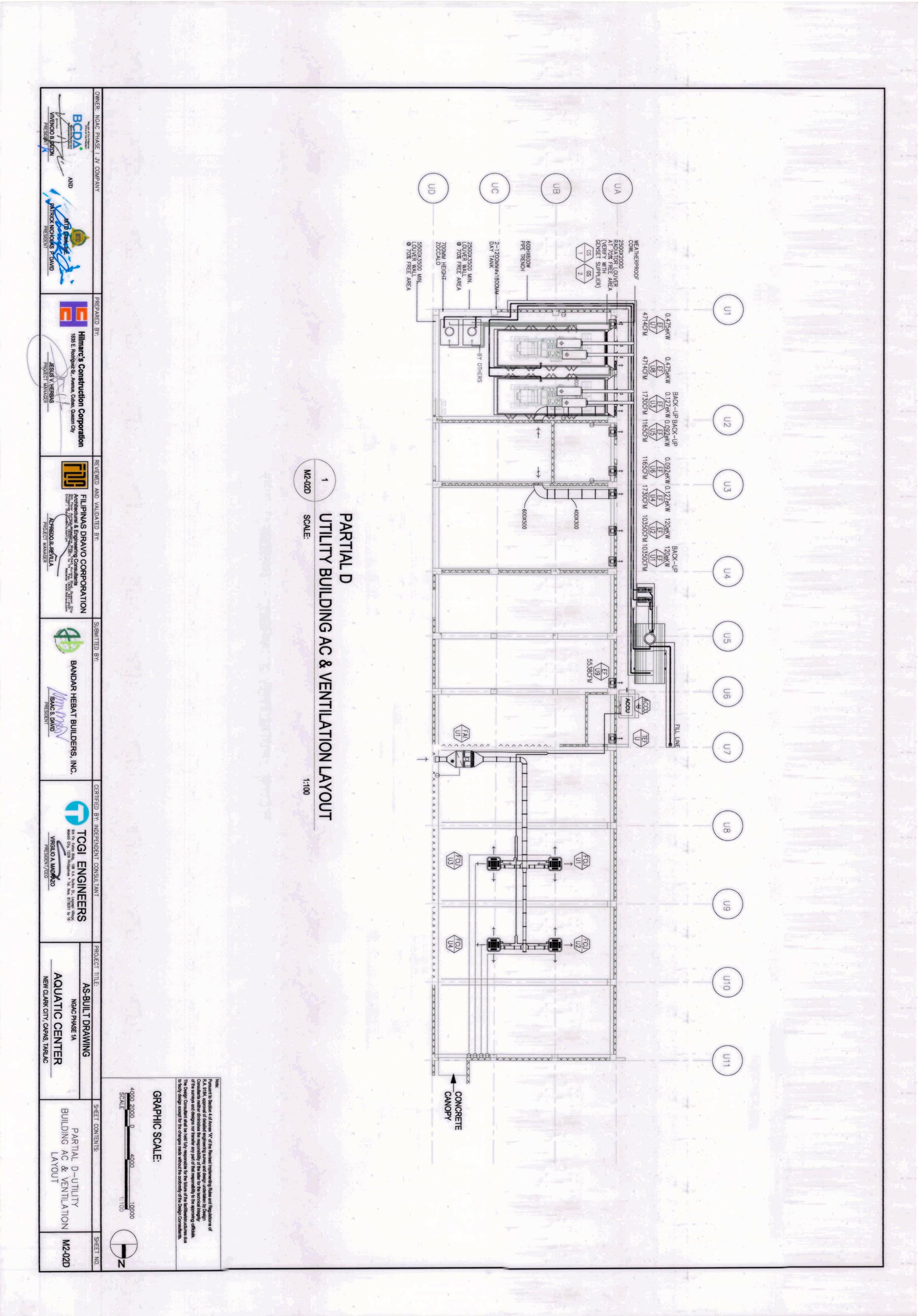


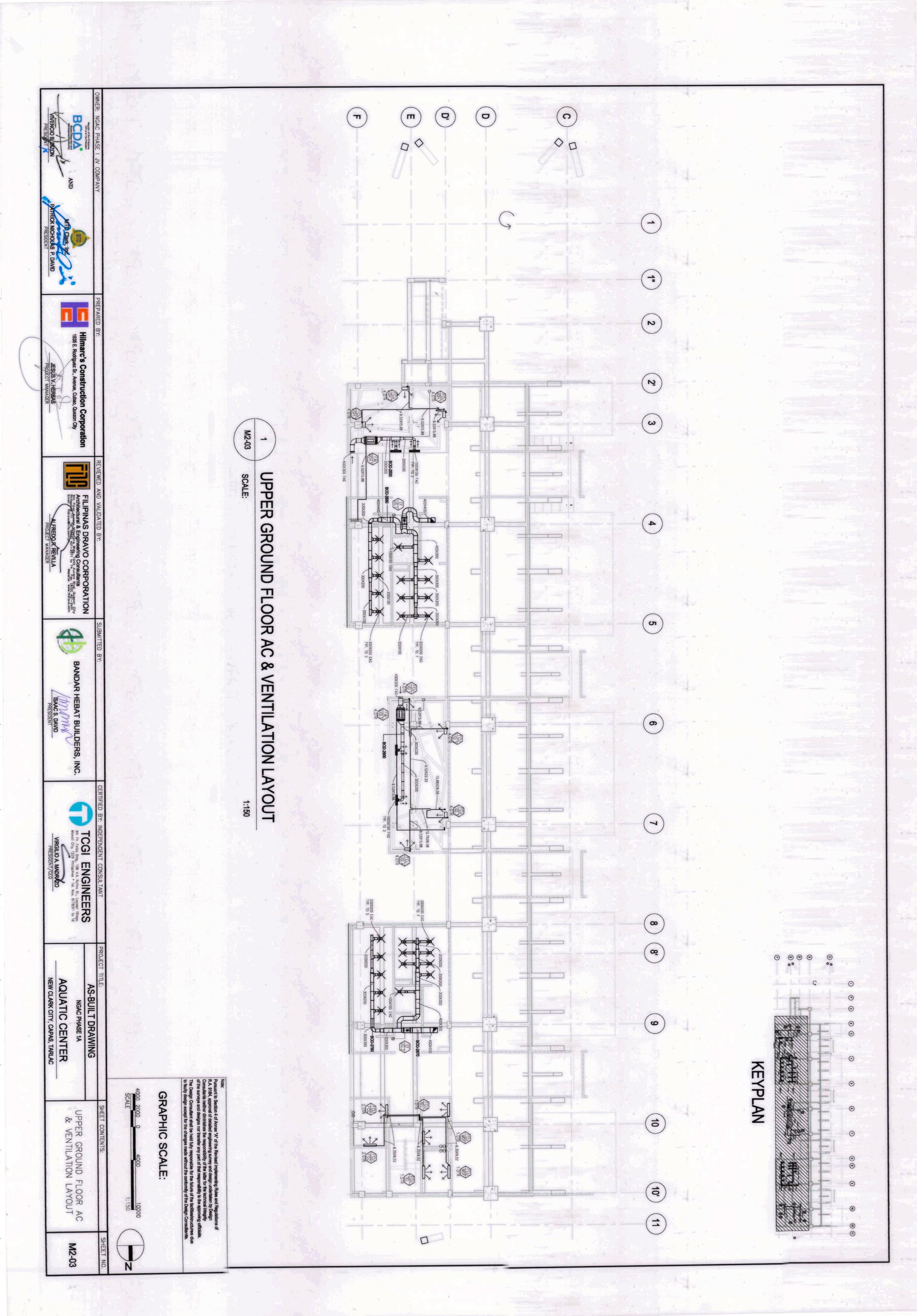


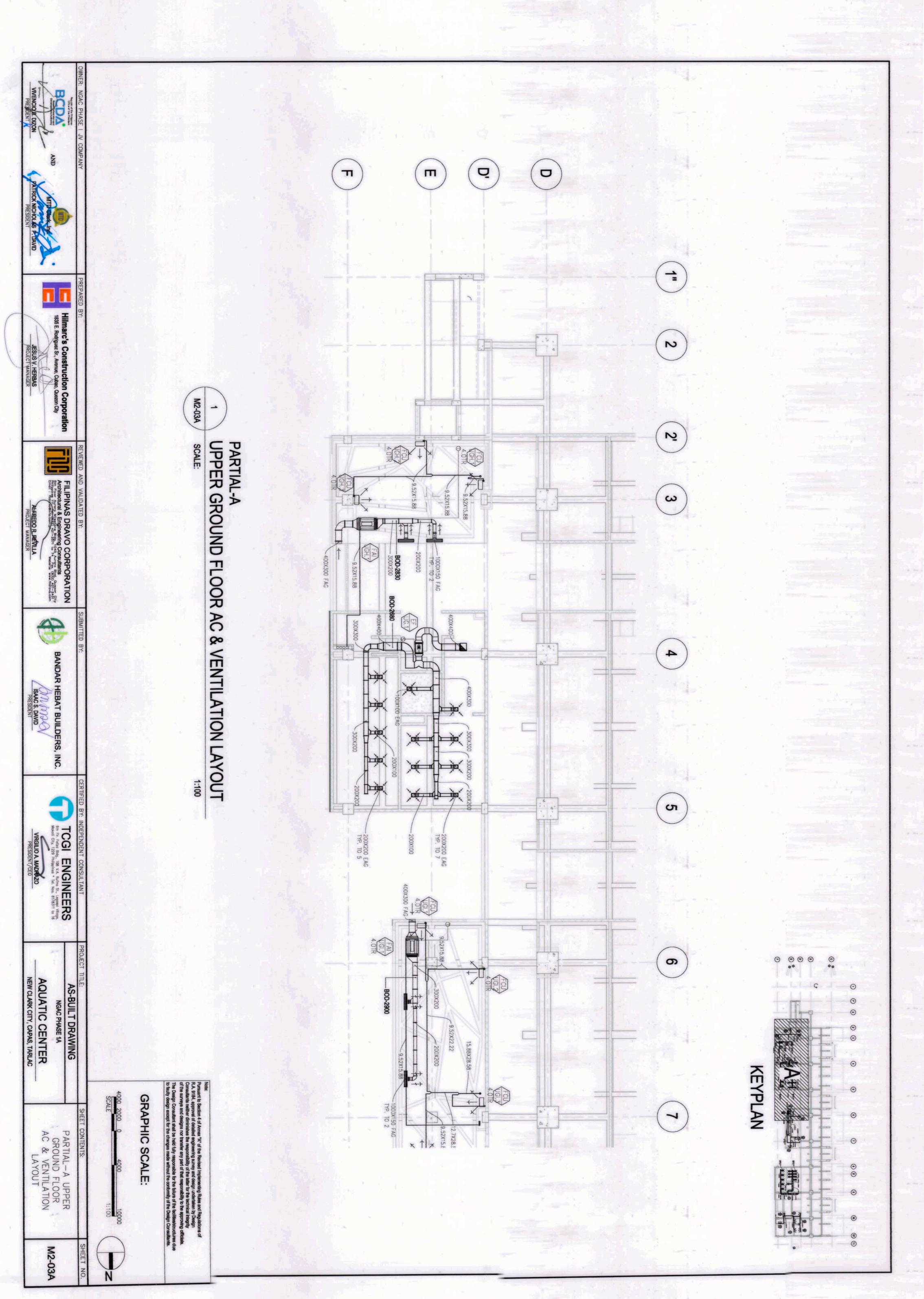


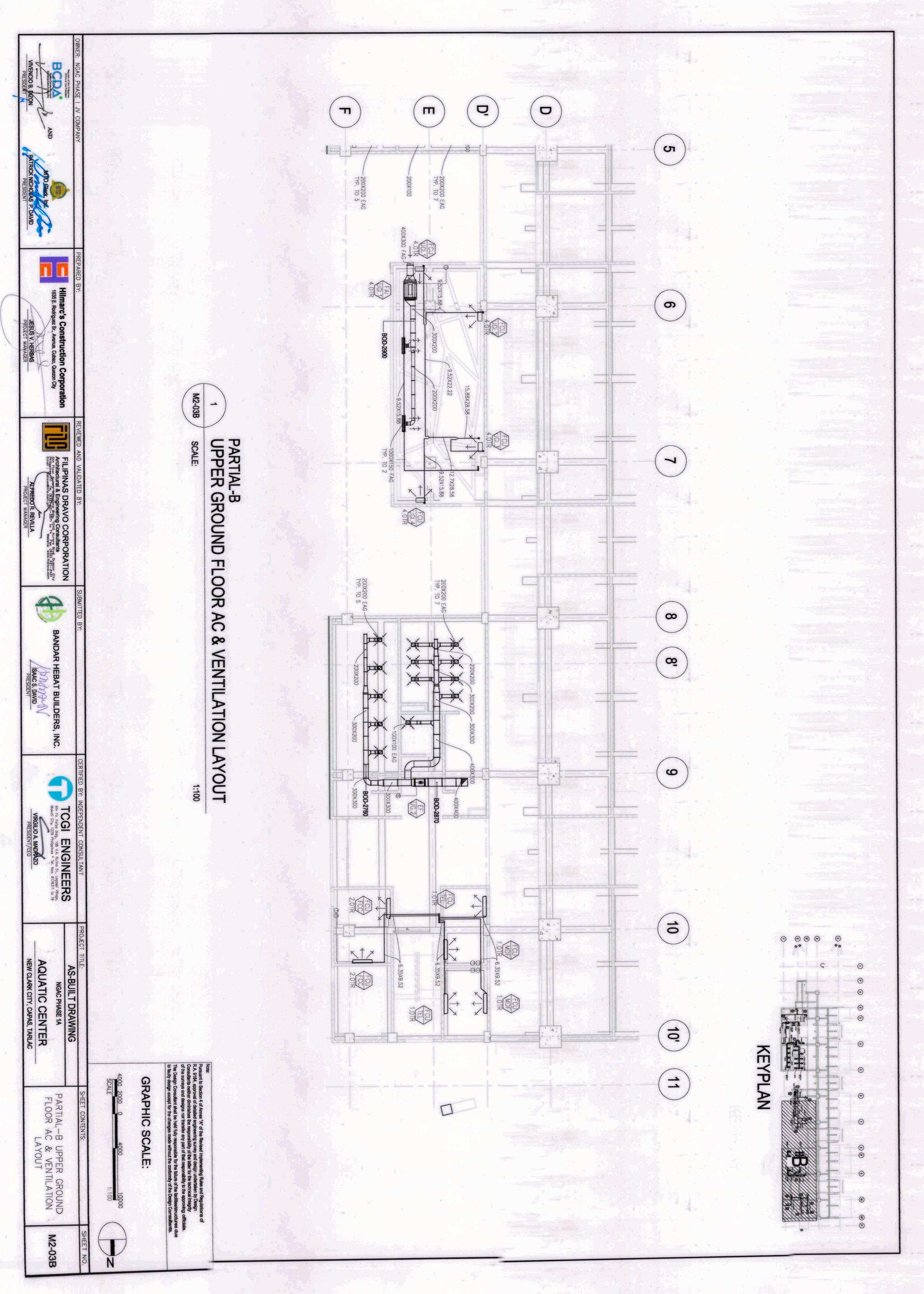


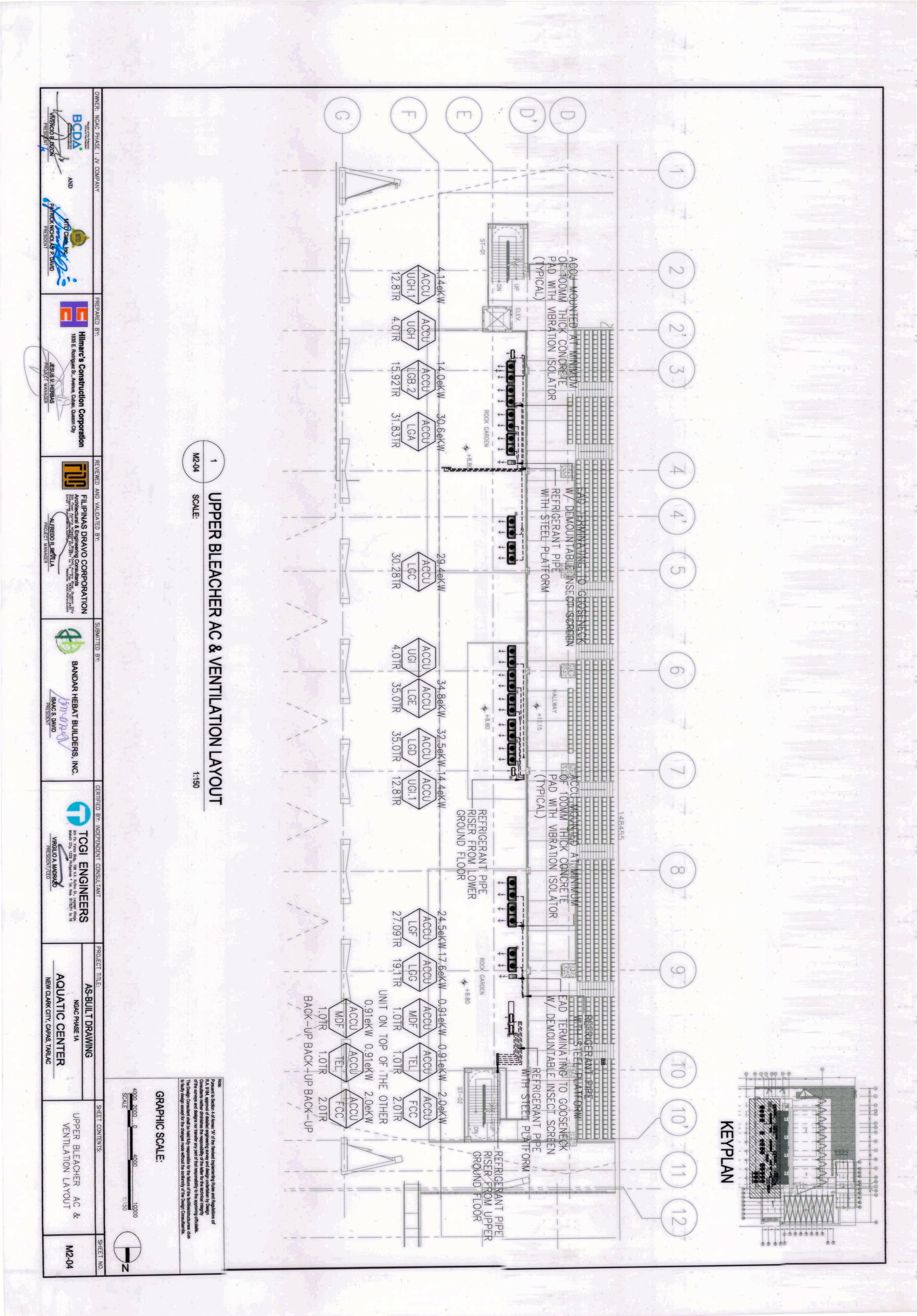
AS-BUILT DRAWING NGAC PHASE 1A AQUATIC CENTER NEW CLARK CITY, CAPAS, TARLAC		Read	ADDX 3000 EAG	B	B	
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S: SHEET NO.	Inting Rules and Regulations of ign undertaken by Design r for the tachnical integrity consibility to the approving officials. a failure of the facilities/structures due onformity of the Design Consultants.				FAN	

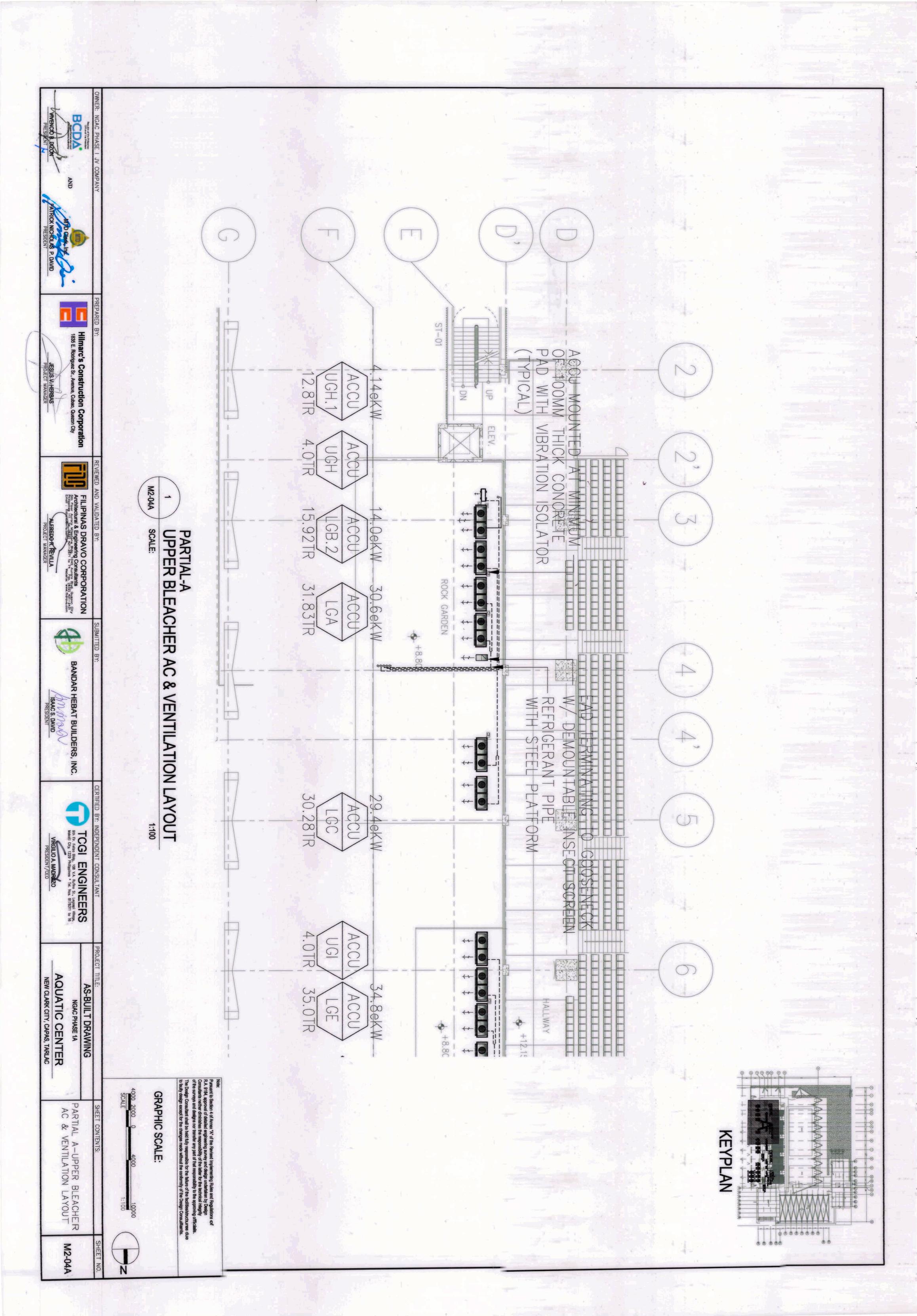


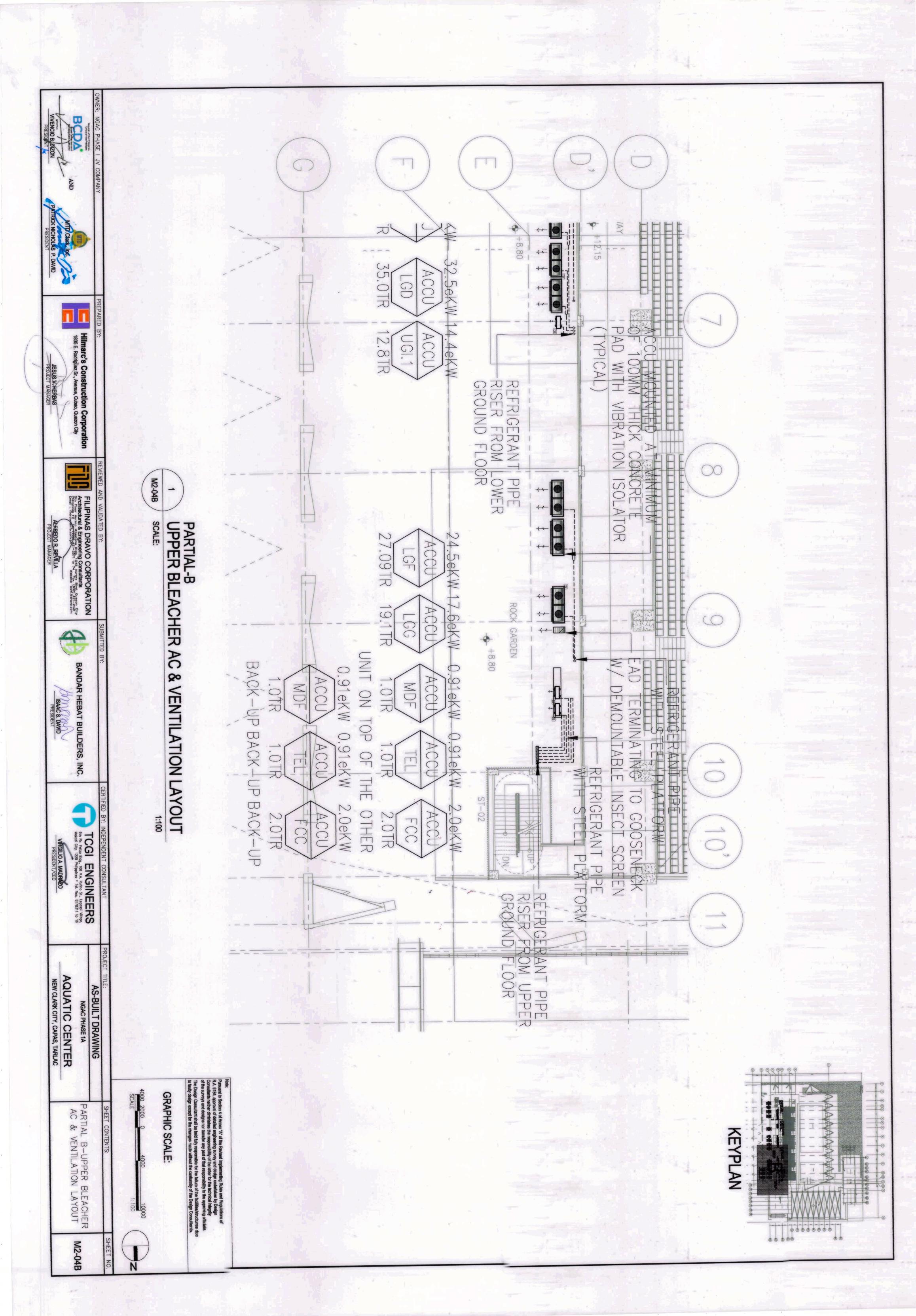


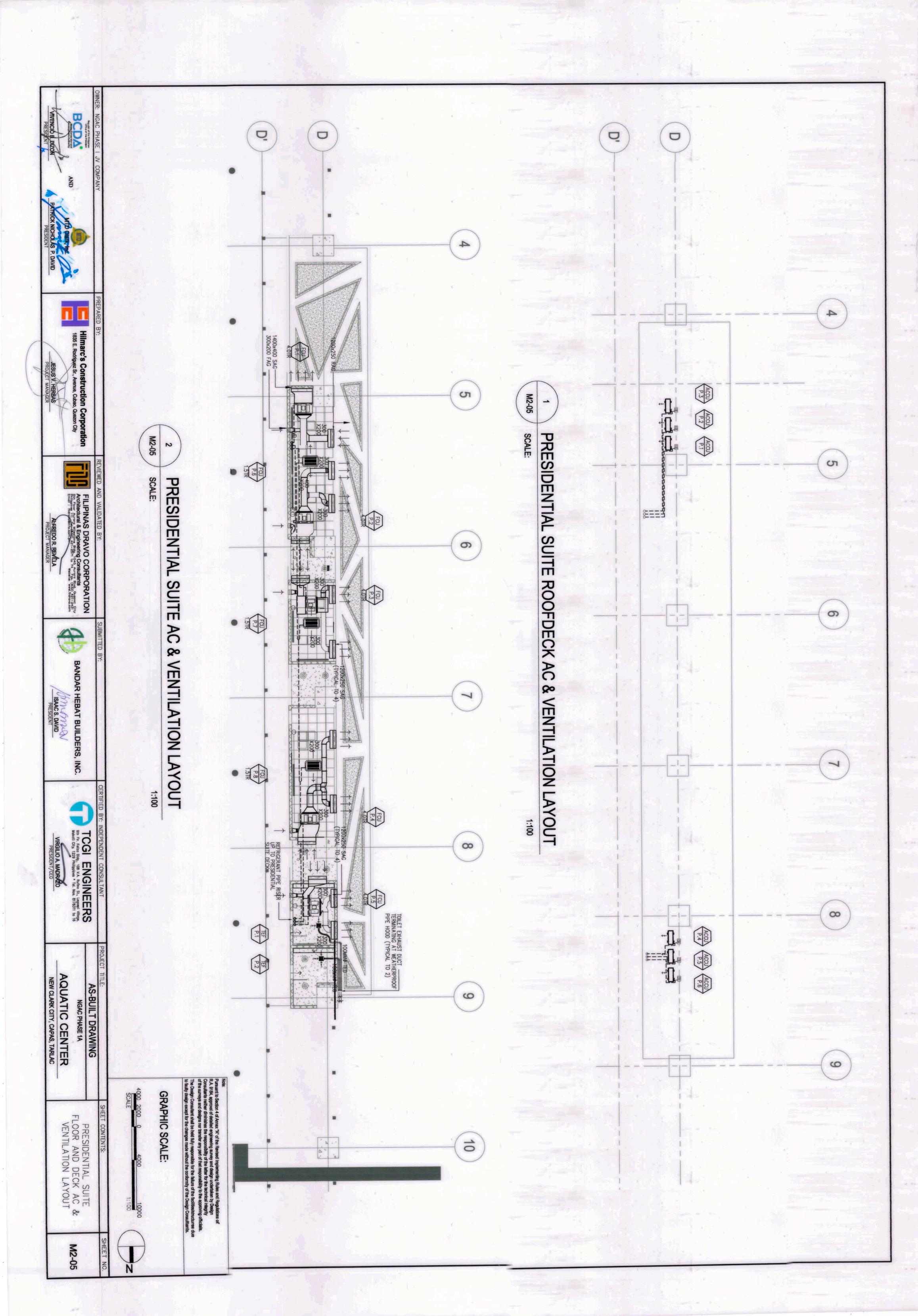


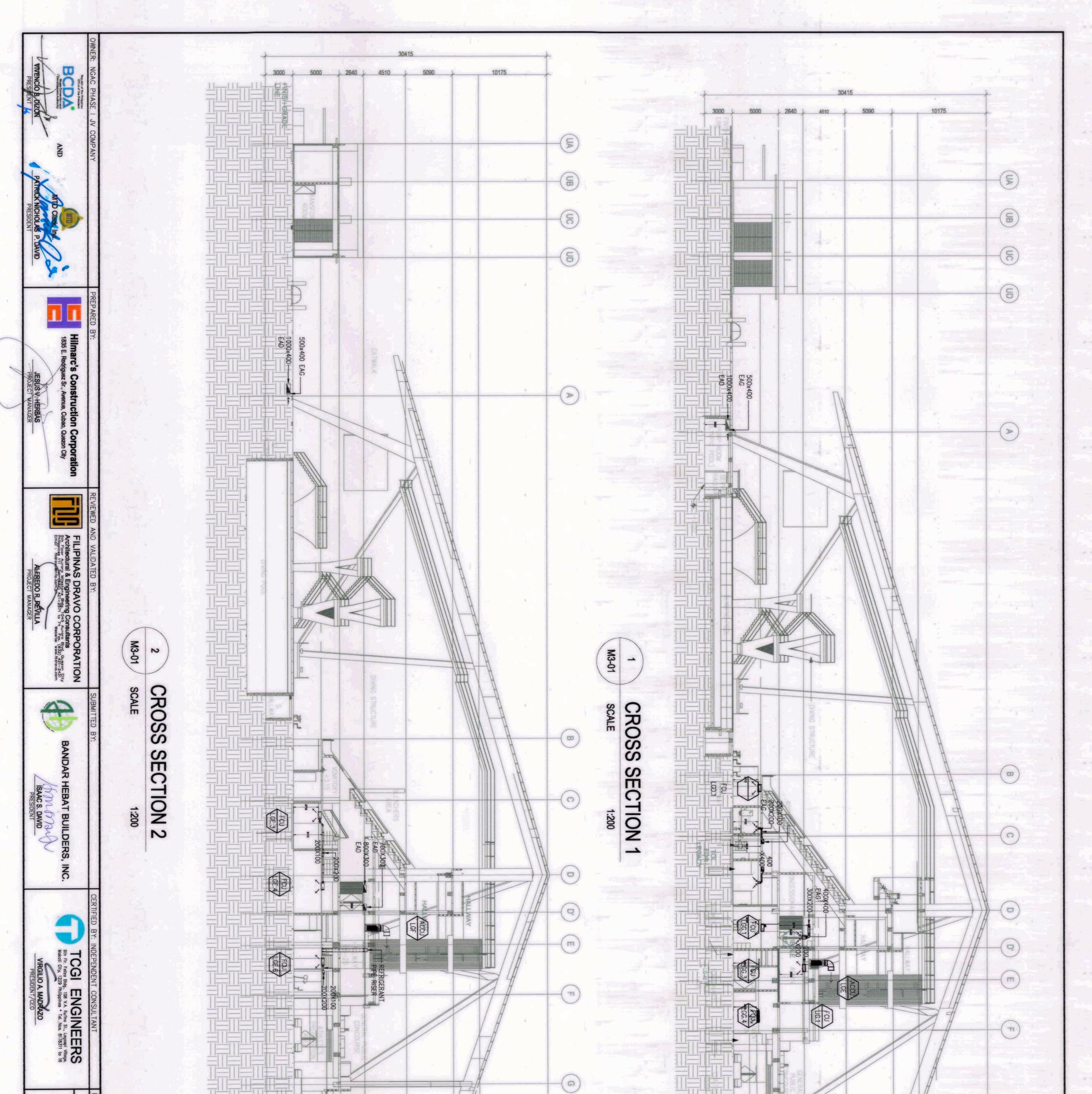




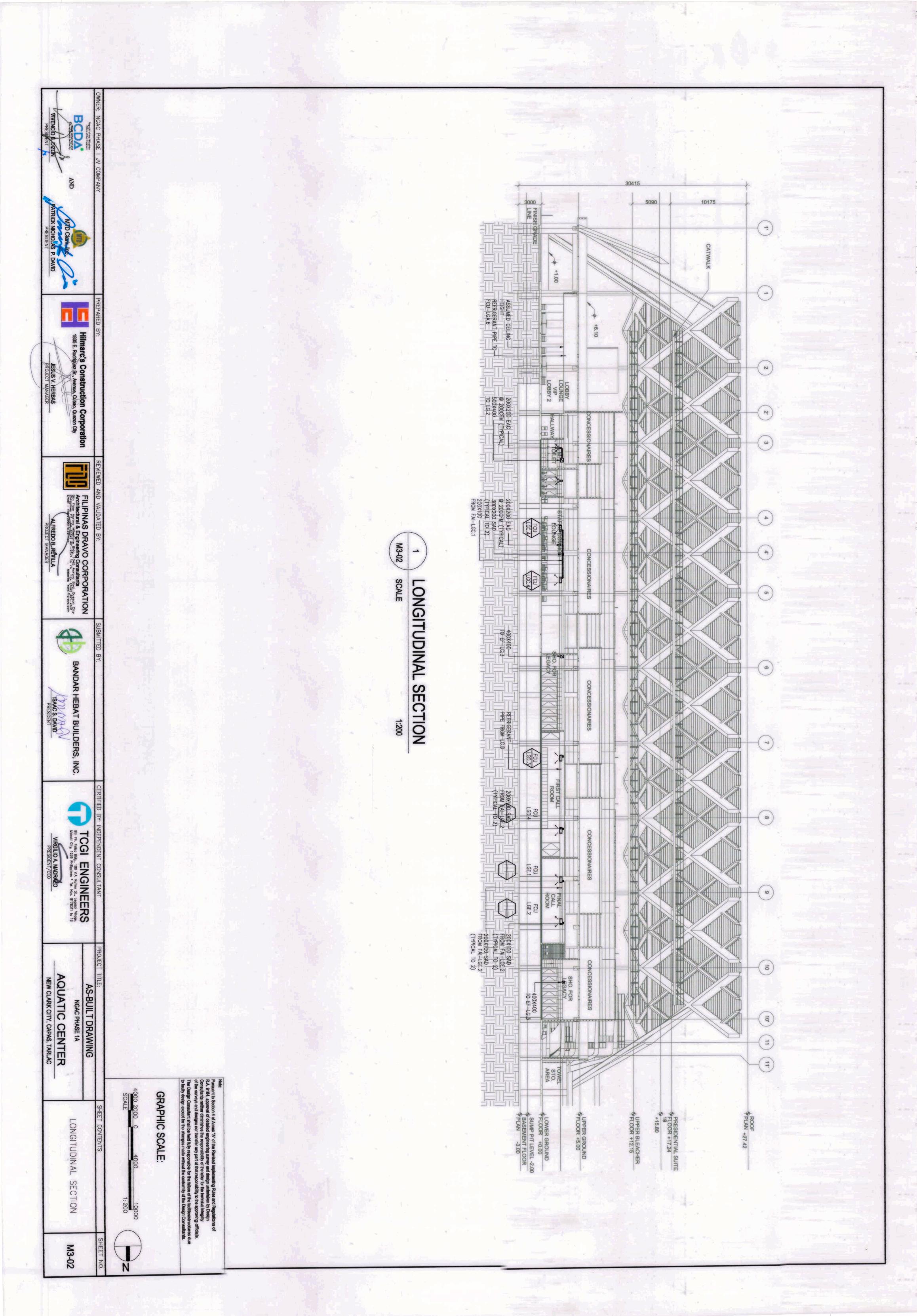


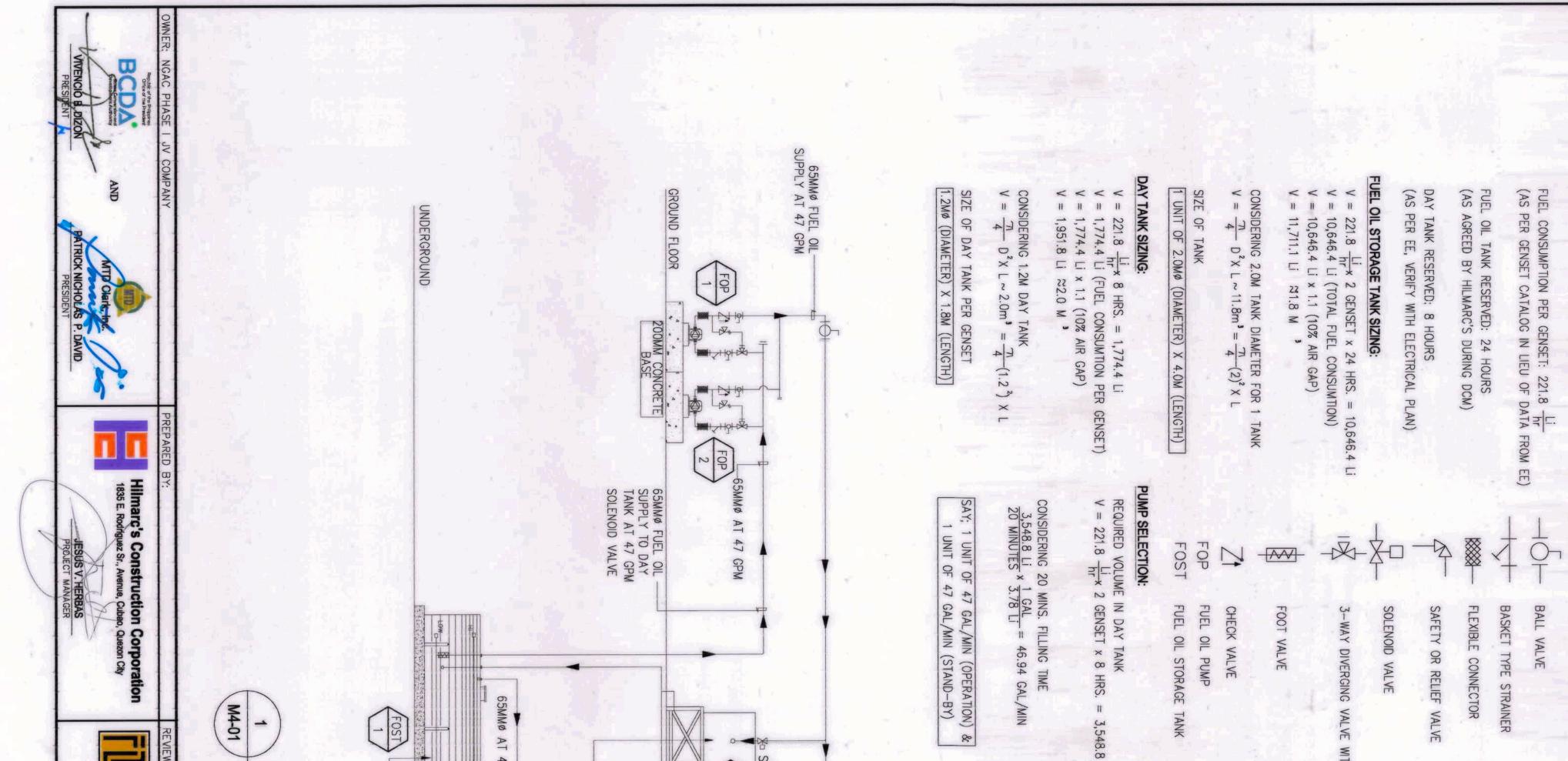






ROJECT TITLE: AS-BUILT DRAWING NGAC PHASE 1A AQUATIC CENTER NEW CLARK CITY, CAPAS, TARLAC	A SEMINIT FLORE GROUND	PRESIDENTIAL SU +17.24 +12.15			
GRAPHIC SCALE: 4000 2000 0 4000 1 SCALE SHEET CONTENTS: CROSS SECTION	Note: Pursuant to Section 4 of Annex "A" of the Revised Implementing Rules and R.A. 9184, approval of detailed engineering survey and design undertaken Consultants neither diminishes the responsibility of the latter for the technic of the surveys and designs nor transfer any part of that responsibility to the The Design Consultant shell be held fully responsible for the failure of the to to faulty design except for the changes made without the conformity of the t	IR FLOOR	IER GROUND ELOOR	SIDENTIAL SUITE ROOF DECK	
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DATA FOR FUEL OIL SYSTEM:

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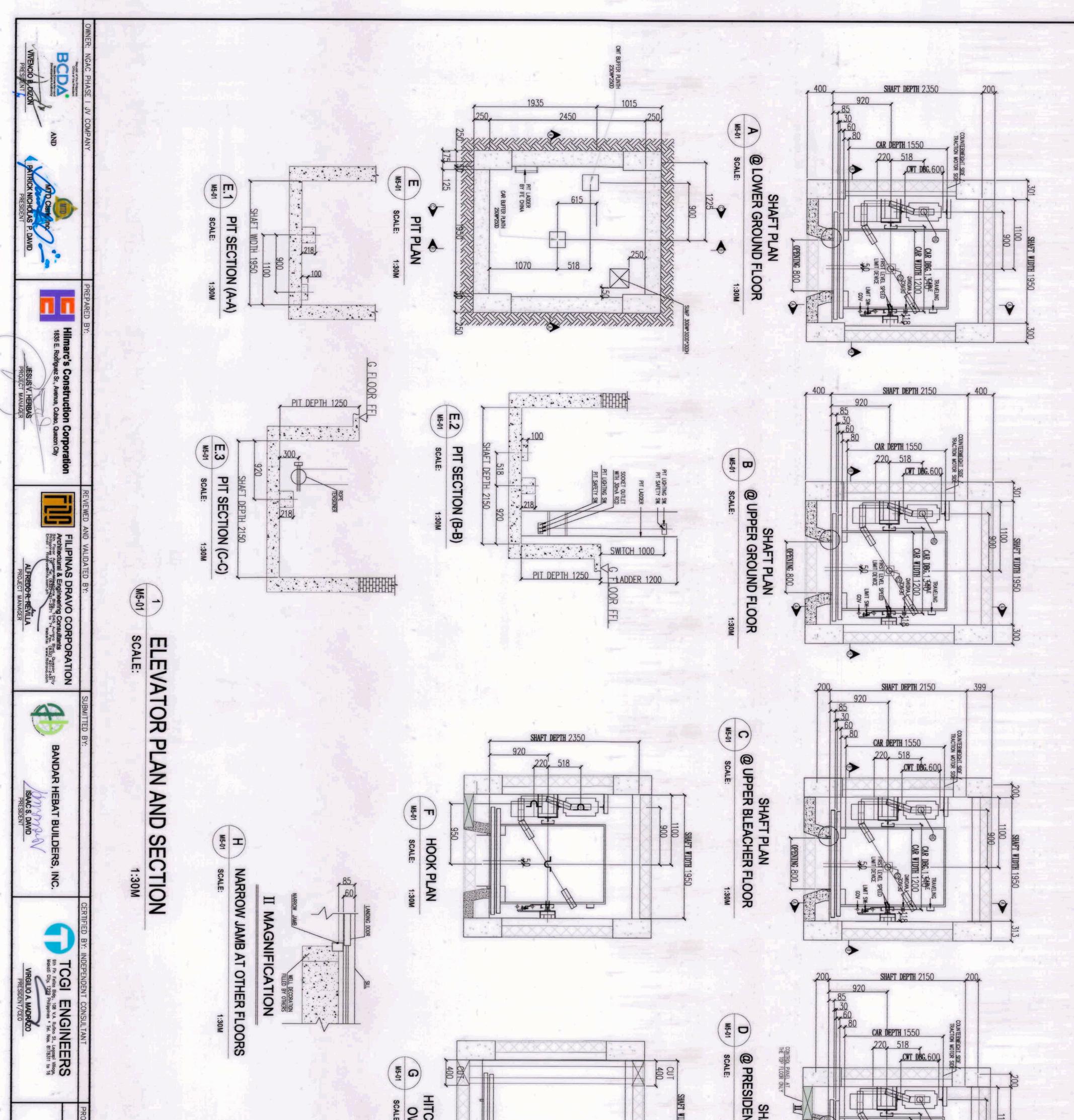
AUTOMATIC FLOAT VALVE

GENSET CAPACITY: 2 UNITS OF 1000KVA (AS PER EE, VERIFY WITH ELECTRICAL PLAN)

WED AND VALIDATED BY: SUBMITTED BY: SUBMITTED BY: CERTIFICATION Architectural & Engineering Consultants Engine index of the design of the de	GENSET FUEL OIL PIPING SCHEMATIC DIAGRAM	A7 GPM SOLENOID VALVE SOLENOID VALVE SOLENO		SOLENOID VALVE G5MMØ AT 47 GPM	JAL HOA SET SELECTOR SWITCH TO "A" POSITION FOR NCE THE FUEL DAY TANKS REACHES THE PR JEL LEVEL, FOP-1 & 2 WILL RUN DEPENDING SETTING. ONCE THE FUEL DAY TANK REACHES MAXIMUM FUEL LEVEL, THE PUMP WILL STOP PUMPS WILL RUN/STOP ALTERNATELY AS TH HE FUEL DAY TANK REACHES THE MINIMUM / EVELS.	AUTOMATIC AUTOMATIC NCE: 1.1) SET SELECTOR SWITCH TO "H" POSITIO 1.2) SELECT EITHER FOP-1 OR FOP-2. 1.3) PRESS THE START/STOP BUTTON TO RI ATIC MODE HE "AUTOMATIC MODE" EACH PUMP SHALL START	DUER DUER	FOP TO
TCGI ENGINEERS Sh Fr. Feliza Bldg, 108 V.A. Rufino St. Legaspi Village, Mediti City, 1239 Philippines * Tel. Nos. 8178311 to 16 URGILIO A. MADRICO			50MMØ VENTLINE RETURN PIPE	T 47 GPM S C S C S C MINIMUM OF 3600MM ABOVE GROUND (TYPICAL)W/ FLAME CHB WALL CHB WALL	UNIT DESIGNATIONQTYTANK SIZEDIAMETERLENGTHFILLINGPIPE SIZEFOST - 1110,646.42000400015050FOST - 1110,646.42000400015050UNIT DESIGNATIONQTYCAPACITYPRESSUREPOWER (GPM)POWER (PSI)DIAMETER (HP)LENGTH (MM)FOP - 1 & 22471502247.65838.2	7.) THE MODULATING VALVE AND TELL TALE METER IS AC THE FUEL OIL STORAGE TANK. DURING FILLING, WHEN LEVEL, THE MODULATING VALVE CLOSES OR OPEN RES WILL INFORM THE PERSON FILLING THE TANK THE LEVE	 5.) WHEN PRESSURE IN THE MAIN HEADER REACHES THE AUTOMATICALLY SWITCH OFF. THE PUMP WILL SWITCH MINIMUM SETTING, BUT AFTER A TIME DELAY TO PRO 6.) IF THE FUEL OIL PUMP FAILS TO SWITCH OFF EVEN TI REACHES THE FUEL OIL PUMP FAILS TO SWITCH OFF EVEN TI REACHES THE MAX SETTING OR IF PRESSURE SENSORS PUMP FAILS, THE 3-WAY DIVERGING VALVE PRESSURE PUMP WILL TRIGGER THE ALARM AS WELL AS THE VAL PUMP WHILE DIVERTING THE FLOW TO BYPASS THE PU ACTUATED BY THE PRESSURE SENSORS TO SWITCH OF SETTING TO PROTECT THE FUEL OIL PUMP. 	NOTES: 1.) IF THE FUEL LEVEL SENS THAT IS AT "LOW LEVEL ALSO AT A "LOW FUEL RUNNING WITHOUT ANY 2.) FOP-1 SHALL SERVED A: 3.) THE AUTOMATIC FLOAT V DURING FILLING, WHEN THE THE ELECTRONIC SWITCH OIL DROPS TO MINIMUM 4.) THE SOLENOID VALVE WIL FAILS. THE VALVE HAS CLOSE OR OPEN WHEN
DRAWING HASE 1A CENTER SC	Pursuant to Section 4 of Annex R.A. 9184, approval of detailed Consultants neither diminishes of the surveys and designs nor The Design Except for the or to faulty design except for the or SCALE	Note:		TELL TALE METER FUEL FILL ENCLOS	PIPE SIZE PIPE SIZE REMARK (MM) (MM) (MM) 50 65 SHALL BE MADE 50 65 THICK B.1 STEE (MM) REMARKS 5 838.2 POSITIVE-DISPLACEMENT GEAR PUMP	AND TELL TALE METER IS ACTUATED BY HIGH AND LOW SENSORS ANK. DURING FILLING, WHEN IT REACHES THE MAXIMUM OR MINIM VALVE CLOSES OR OPEN RESPECTIVELY. WHILE THE TALE TELL ME I FILLING THE TANK THE LEVEL OF FUEL WHEN ITS FULL OR LOW.	MAIN HEADER REACHES THE MAX SETTING, THE PUMP WILL OFF. THE PUMP WILL SWITCH ON WHEN PRESSURE DROPS TO TH AFTER A TIME DELAY TO PROTECT THE MOTOR AND STARTER. "ALLS TO SWITCH OFF EVEN THE PRESSURE IN THE MAIN HEADER NG OR IF PRESSURE SENSORS IN THE PRESSURE IN THE MAIN HEADER DIVERGING VALVE PRESSURE SENSORS AT THE SUCTION SIDE OF ALARM AS WELL AS THE VALVE TO CLOSE THE FUEL SUPPLY LIN HE FLOW TO BYPASS THE PUMP SUCTION. THE PUMP IS ALSO SURE SENSORS TO SWITCH OFF WHEN IT REACHES MAXIMUM PRES E FUEL OIL PUMP.	ORS AT THE FUEL OIL STORAGE TANKS SENSES THE FUEL LEVEL ", FUEL OIL PUMPS WILL NOT RUN EVEN IF THE DAY TANKS ARE LEVEL" ALARM. THIS IS TO PROTECT THE FUEL OIL PUMP FROM FUEL AT THE FUEL OIL STORAGE TANKS. S THE MAIN PUMP, WHILE FOP-2 SHALL BE THE STAND BY UNIT. ALVE HAS A ELECTRONIC SWITCH ACTUATED BY FUEL OIL LEVEL. THE DAY TANKS REACHES THE MAXIMUM SETTING OF FUEL OIL LEVEL I ACTIVATE THE VALVE TO CLOSE AUTOMATICALLY. ONCE THE FUE LEVEL, THE ELECTRONIC SWITCH WILL ACTIVATE THE VALVE TO OIL L SERVE AS A BACK UP VALVE INCASE AUTOMATIC FLOAT VALVE A FUEL OIL LEVEL SENSORS WHICH WILL ACTIVATE THE VALVE TO MAXIMUM OR MINIMUM FUEL OIL LEVEL SETTING HAVE REACH

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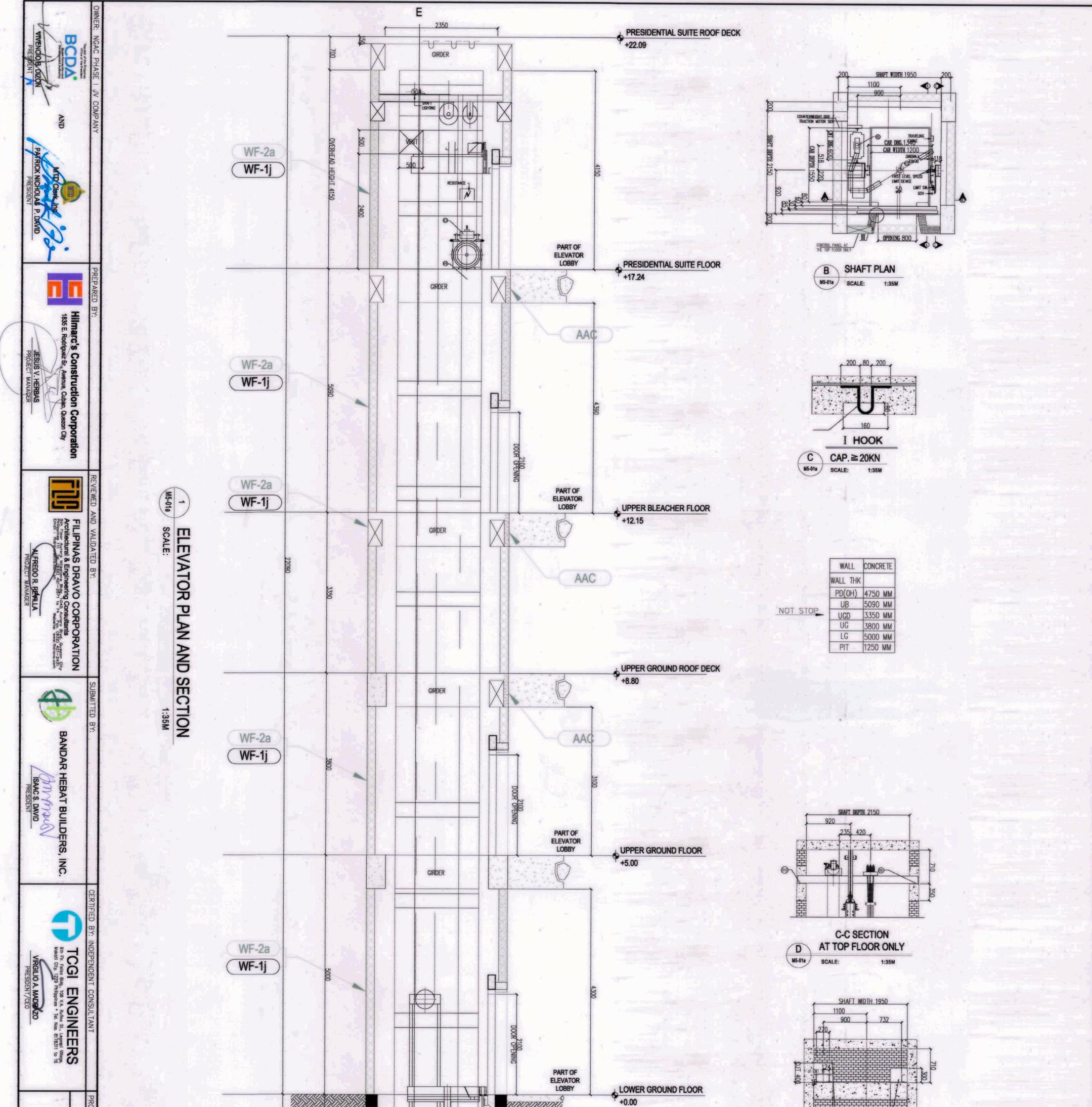
Marc Marc PROJECT TITLE: PROJECT TITLE: NGR ASBULT DRAWING NGRO PHASE IA SHEET CONTENTS: NGRO PHASE IA SHEET CONTENTS: NEW CLARK CITY, CAPAS, TARLAC SHEET FUEL OIL PIPING NEW CLARK CITY, CAPAS, TARLAC M400	Somme ventine at above ground (trpical)// flame CHB WALL CHB WALL FUEL FALE METER FUEL FALE ENCLOSURE FUEL FALE ENCLOSURE FUEL FALE ENCLOSURE	FUEL OIL STORAGE TANK (FOST) TANK SIZE DIAMETER LENGTH FILLING PIPE SIZE PIPE SIZE PIPE SIZE PIPE SIZE REMARKS (LITERS) (MM) (MM) (MM) PIPE SIZE PIPE SIZE PIPE SIZE PIPE SIZE 10,646.4 2000 4000 150 50 65 SHALL BE MADE OF 6.5MM 10,646.4 2000 4000 150 50 65 SHALL BE MADE OF 6.5MM FUEL OIL PUMP (FOP) FUEL OIL PUMP (FOP) GAPACITY PRESSURE RATING DIAMETER LENGTH RATING (MM) (GPM) (PSI) (PM) (MM) REMARKS (GPM) (PSI) 2 247.65 838.2 POSITIVE-DISPLACEMENT ROTARY	Now when the duar thans treaches the maximum sections of the coll level, onic switch activate the value to close automatically. Once the fuel to minimum level, the electronic switch will activate the value to open. D value will serve as a back up value incase automatic float value open when maximum or minimum fuel oil level setting. The duare reach ity is sufficient to provide the max setting. The duare reach ity switch off. The prup will switch on when pressure in the value reach ity switch off. The prup will switch on when pressure in the main header inax setting or if pressure sensors in the main header actuating the the alway diversing walve pressure sensors at the suction side of diversing the flux to bypass the pump suction. The plup is also in the flux and the flux to bypass the pump suction. The plup is also potert the fuel oil uping. The actuated by high and low sensors in "The pressure conse or open it reaches the maximum or minimum igoulating caller flux close flux for flux the term is actuating of the presson filling the tank the level of fuel when its full or low.
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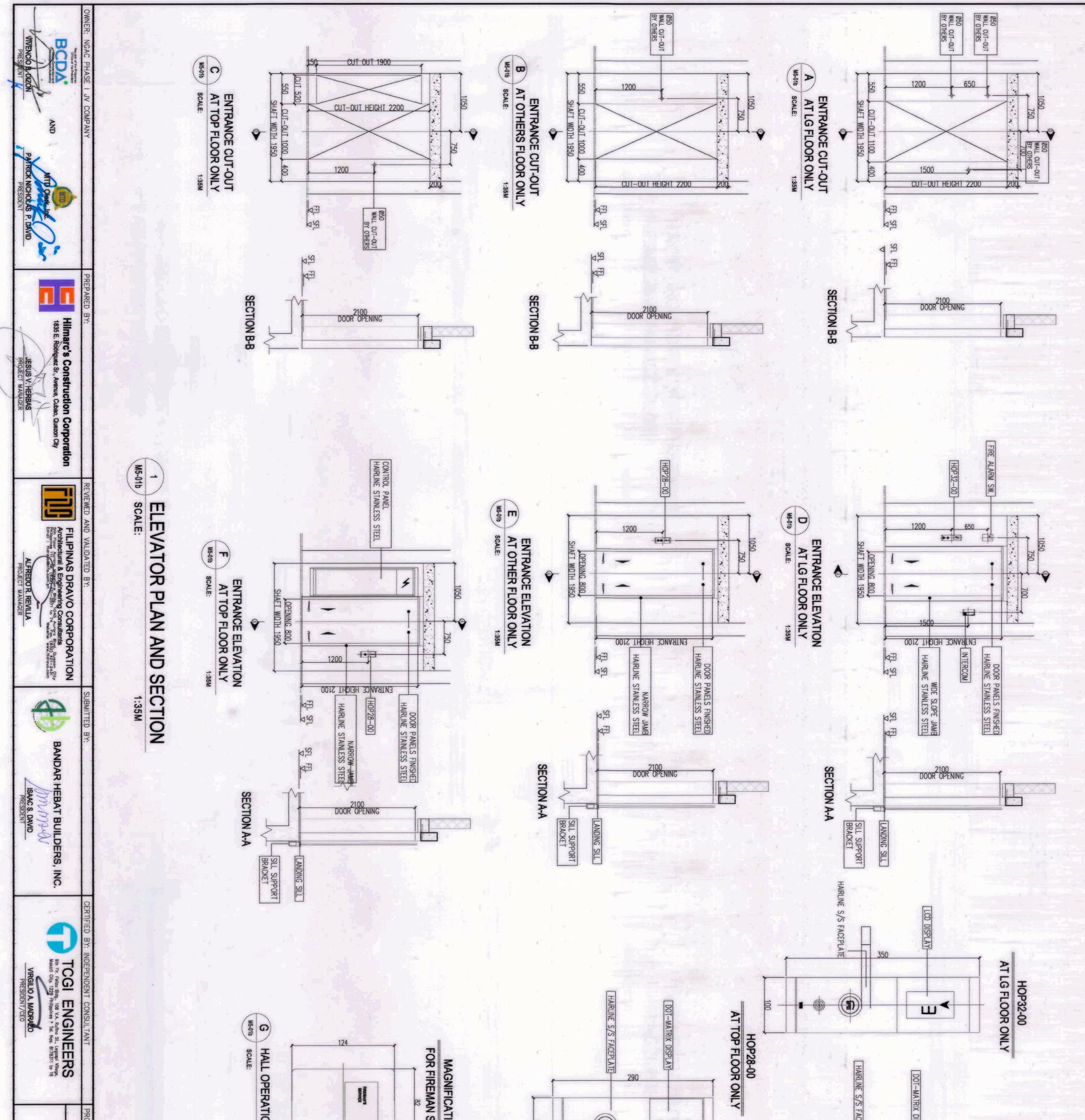
ACHATIC CENTED		HAFT PLAN NTIAL SUITE FLOOR HAFT DEPTH 2350
SHEET CONTENTS: ELEVATOR PLAN A	Note: Pursuant to Section 4 of Annex 'A" of the Revised Implem R.A. 9184, approval of detailed engineering survey and de Consultants neither diminishes the responsibility of the lat of the surveys and designs nor transfer any part of that re The Design Consultant shall be held fully responsible for to faulty design except for the changes made without the GRAPHIC SCALE:	RATED LOAD/PERSON SPEED ROPING NO. OF FLR/STOP/LANDING CAR INTERNAL DEPTH CAR INTERNAL MEIGHT LIFT ENTRANCE HEIGHT DIA. OF DEFLECTOR SHEAVE DIA. OF DEFLECTOR MAIN SHEAVE COUNTERWEIGHT RAIL TYPE OF CW BUFFER BUFFER STROKE COUNTERWEIGHT WT. CAR WEIGHT WT. CAR DOOR FINISH LANDRAIL HANNEN FINISHENT CAR DOOR FINISH LANDRAIL FINISHENT CAR DOOR FINISH LANDRAIL FINISH CONTRON WALL FINISH DURRENT MAXIMUM START HOUR OPTIONAL
AND SECTION M5-01	nenting Rules and Regulations of esign undertaken by Design ther for the technical integrity sponsibility to the approving officials. the failure of the facilities/structures due conformity of the Design Consultants.	BOOKg (10 Persons) 1.0 m/s 2:1 1 1500 2:1 1:000 2:100 2:100 2:100 2:100 2:100 2:100 2:100 2:100 2:100 2:100 2:100 2:100 2:100 2:100 2:100 2:100 2:100 3:100 3:100 3:175-3/B TK5A 1:175-3/B 1:100 2:00 KG 1:00 A 5:00 KG 1:00 A 5:00 KG 1:00 A 3:00 A 3:00 A 3:00 A 3:00 A 3:00 A 3:00 A 2:00 KG 2:00 KG 2:00 A 2:00 A 3:0 A 3:10 A

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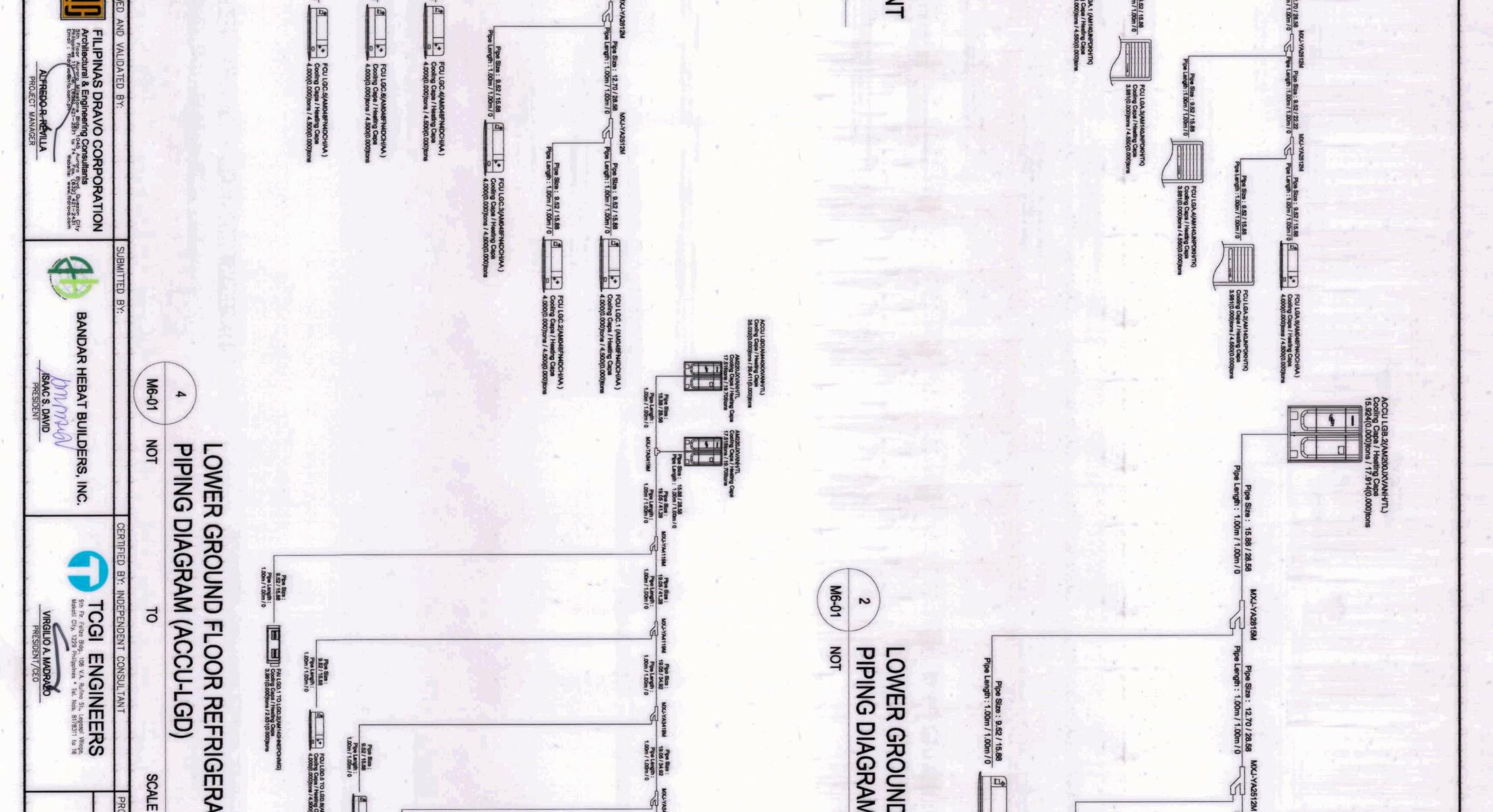


OJECT TITLE: AS-BUILT DRAWING NGAC PHASE 1A NEW CLARK CITY, CAPAS, TARL	SUMP PIT LEVEL -1.25 1 ENLARGED ELL Ad201 SCALE 1:50	EVATOR SECTION
Not: Pursuant to Section 4 of Annex "V" of the Revised Implementing Rules and Regulators of RA 9184, approval of detailed engineering survey and design rule takes for the schemid Inlegity of the surveys and design rule responsibility of the approving officials. The Design Consultant shall be held tally responsibile for the schemid Inlegity of the approving officials. The Design Consultant shall be held tally responsibility to the approving officials. GRAPHIC SCALE: Agono 2000 0 10000 SCALE 1:35 INIG INIG ELEVATOR PLAN AND SECTION M5-01a	PTIONAL DEV REACTION MOTOR UPPORT CTION MOTOR UPPORT COUNTERWT BUFFER P COUNTERWT BUFFER P	LIFT STRUDARD ELEVATOR INF RATED LOAD/PERSON SPEED 2:1 NO. OF FLR/STOP/LANDING NO. OF 5/4/4 NO. OF FLR/STOP/LANDING SPEED 2:1 NO. OF FLR/STOP/LANDING NO. OF 5/4/4 NO. OF 5/4/4 NO. OF 5/4/4 NO. OF 1.0 m/s RATION 2 PANELS CAR INTERNAL HEIGHT 1200 LIFT ENTRANCE (FIGHT LIFT 2420 LIFT BOOR ODR OPERATION 2 PANELS CENTRAL OPENING CONTROL SYSTEM CIRL TOA OPERATION 2 PANELS CENTRAL OPENING ORA RAIL TYPE ORA RAIL 175-3/8 COUNTERWEIGHT RAIL TYPE 3/8 BUFFER Stool KG NONTERWEIGHT WIT. 1550 KG OLAR BUFFER 80 BUFFER STROKE 80 8 BUFFER STROKE 80 BUFFER STROKE<



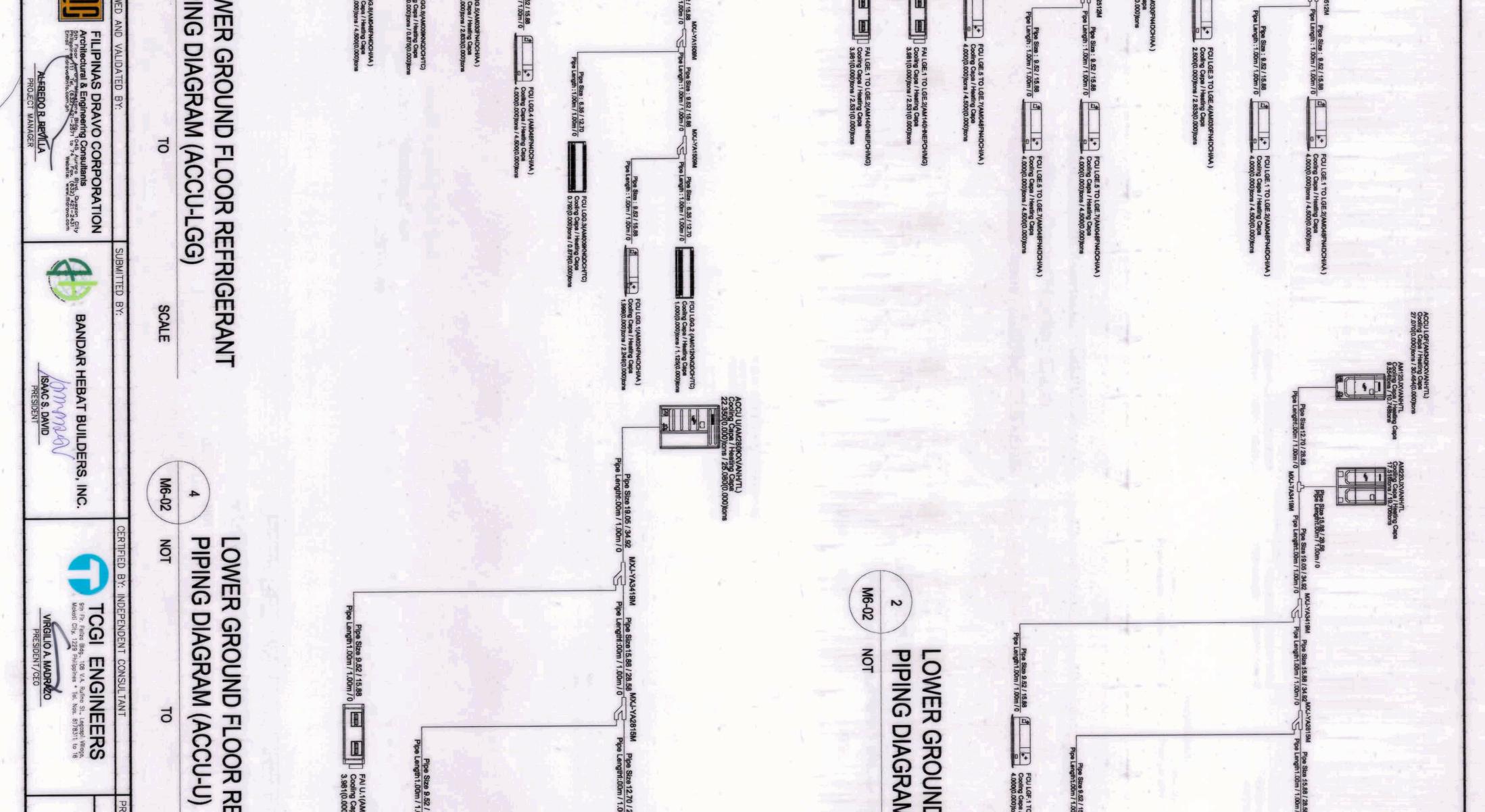
AS-BUILT DRAWING NGAC PHASE 1A AQUATIC CENTER NEW CLARK CITY, CAPAS, TARLAC		ON PANEL			HOP28-00 AT OTHER FLOORS ONLY
ELEVATOR PLAN	Note: Pursuant to Section 4 of Annex "A" of the Revised Impl R.A. 9184, approval of detailed engineering survey and Consultants neither diminishes the responsibility of the to faulty design except for the changes made without to faulty design except for the changes made without to A 000 2000 0 4000 SCALE SHEET CONTENTS:		BALANCE COUNTERWEIGHT SIZE WT OF TRACTION MACHINE FINISH CABIN WALL FINISH CAR DOOR FINISH CELLING HANDRAIL FLOORING DOOR FINISH CELLING HOP COP ELECTRICAL MAIN SUPPLY RATED CURRENT MOTOR OUTPUT POWER MAXIMUM START HOUR OP TION AI REGENERATIVE SYSTEM ANNOUNCIATOR OP TION AI REAC TRACTION MOT R5 R1 HITCH BEAM SI R5 CAR BU COUNTERWT NOT RACTION MOT R5 R4 TRACTION MOT R6 R10 COUNTERWT	LIFT ENTRANCE WIDTH LIFT ENTRANCE HEIGHT DOOR OPERATION CONTROL SYSTEM OPERATION DIAMETER OF MAIN SHEAVE DIA. OF DEFLECTOR SHEAVE MAIN ROPE TYPE OF GOVERNOR CAR RAIL COUNTERWEIGHT RAIL TYPE OF CAR BUFFER BUFFER STROKE CAR WEIGHT MAX WT ALLOWANCE (FINISHES) COUNTERWEIGHT WT. BALANCE	LIFT SPECIFICA STANDARD ELEVATOR TYPE RATED LOAD/PERSON SPEED ROPING NO. OF FLR/STOP/LANDING NO. OF FLR/STOP/LANDING NO OF CAR ENTRANCE (S) CAR INTERNAL WIDTH CAR INTERNAL DEPTH CAR INTERNAL HEIGHT
AND SECTION M5-01b	lementing Rules and Regulations of t design undertaken by Design latter for the technical Integrity t responsibility to the approving officials. for the failure of the facilities/structures due he conformity of the Design Consultants. 1:35		45% 600 x 280 350 KG TION & CONTROLS REQUIREMENTS SINGLE PHASE 400V 60HZ 12.0 A 18.0 A 5.3 kW 240 L DEVICES UPPORT FRONT SIDE COR UPPER BRACKET FFER PLINTH BUFFER PLINTH 56 9.8	800 2100 2 PANELS CENTRAL OPENING CTRL 70A SIMPLEX #400 #400/#350/#320 #8 × 6 XSQ115-13 T75-3/8 TK5A HYF80B 80 HYF80B 80 HYF80B 80 1550 KG 200 KG 1550 KG	TION &

OWNER: NGAC PHASE I JV CON Papete of the Shipping BCDA Mase Characteristic Mase Character		ACCU LIGC(AM380KXVANH/TL) Cooling Capa / Heating Capa 30.312(0.000)kons / 44.037(0.000)kons Cooling Capa / Heating Capa 1.2.786/kons / 14.331kons Internet in the state in the			ACCULLGA(AM400KXVANHTL) Cooling Cape / Heeting Cape 1.847(0.000)tons / 36.828(0.000)tons AM180JXVANHTL Gooling Cape / Heating Cape 14.331/ton / 16.1330/tons 14.331/ton / 16.1330/tons 14.331/ton / 16.1330/tons
AND PATRICK NICHOLAS P. D. PRESIDENT	MIG-01 NOT	AM220JXVANH/TL. Cooling Capa / Heating Capa 17.5180ms / 19.7050ms Pipe Size : 15.88 / 28.56 Pipe Length : 1.00m / 1.00m / 0 NXJ-TA3419M	MG-01 P		AM220.0VVANH/TL Cooling Cape / Heating Cape 17.516bms / 19.705bms Pipe Size : 15.88 / 28.59 Pipe Langth : 1.00m / 1.00m / 0 Pipe Size : 15.88 / 28.59 MXL-TA3419M
AND PREPARED BY:	Phe Size : 8.52/15.88 Pre Langth : 1.00m / 1.0	MXJ-YA4119M 28 Pipe Size : 19.05 / 34.92 h/0 Pipe Length : 1.00m / 1.00m / 0	Pipe Sites : 9.5 Pipe Length : 1.00m		A4119M Pipe Size : 19.05 / 34.92 Pipe Length : 1.00m / 0 Pipe Length : 1.00m / 0 Pipe Length : 1.00m / 0
BY: Hilmarc's Construction Corporation 1835 E. Rodriguez Sr., Avenue, Cubao, Quezon City JESUS V. HERBAS PROJECT MANAGER	Processor 100m /	XJ-YA3419M Pipe Size : 15.88 / 28.58 Pipe Length : 1.00m / 1.00m / 0	GROUND FLOOR REFRIGERAN DIAGRAM (ACCU-LGA) To Scale	Pipe Size : 9.52 / 15.88 rgth : 1:00m / 1:00m / 1:0 FAI LGA.10 S.961(0.00	be Size : 15.88 / 34.92 MXJ-YA2815M Pipe Size : 15.88 / Pipe Length : 1.00m / 1.00m / 1.
on City	Pipe Size : 9.52 / 15.88 Pipe Length : 1.00m / 1.00m / 0 Pipe Size : 9.52 / 15.88 Pipe Length : 1.00m / 1.00m / 0 Cape (0.000)tons (0.000)tons (0.000)tons	NX2815M NX Pipe Size : 12.70 / 26.58 Pipe Length : 1.00m / 1.00m / 0	FRIGERAN	Pipe Size : 9.1 Pipe Langth : 1.00m FCU L9 Cooling Cape (0.000)tons / 2.531(0.000)tons	88 / 28.58 / 1.00m / 0 Pipe Length :1.00m

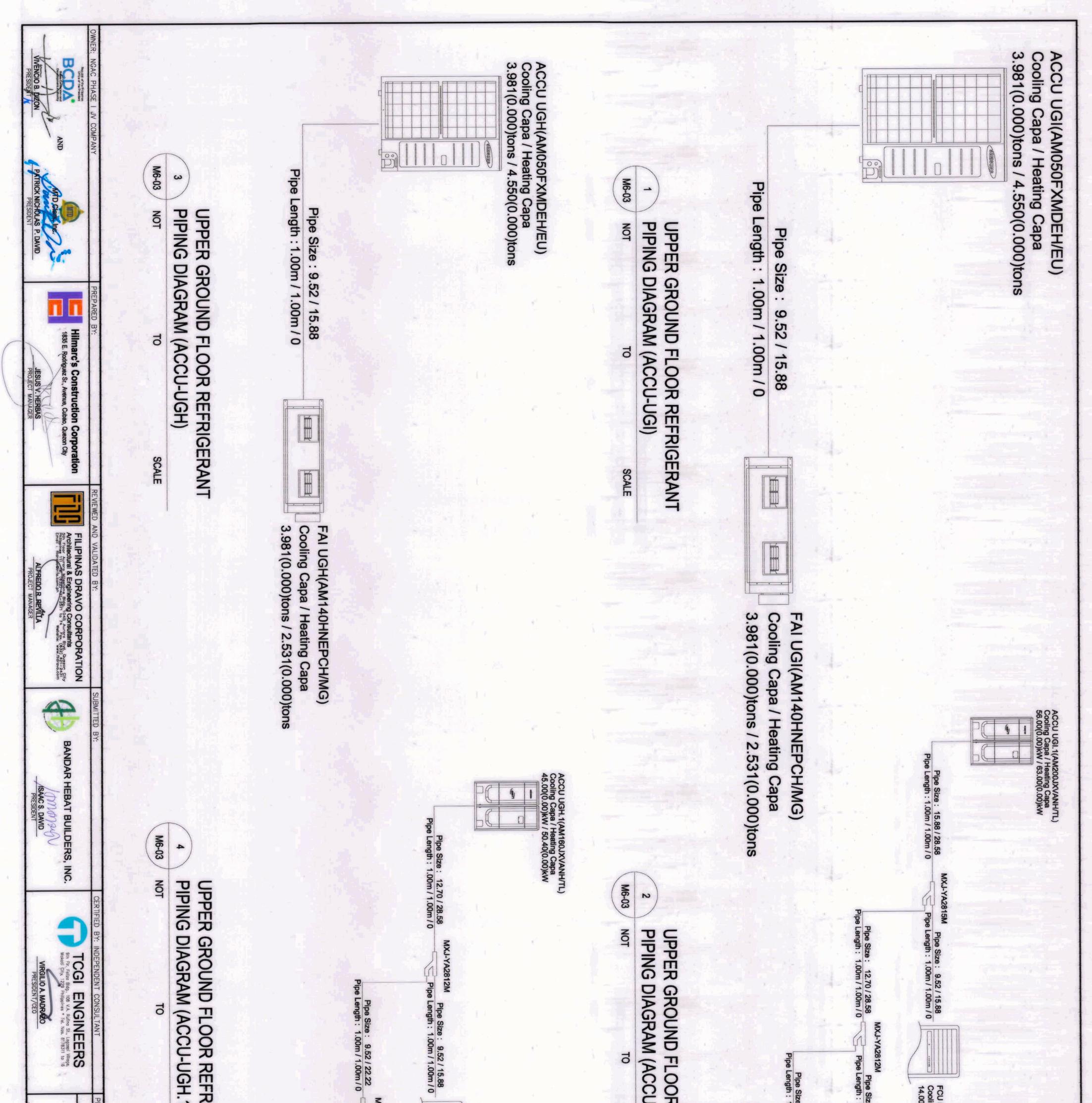


ITTLE: SH AS-BUILT DRAWING NGAC PHASE 1A NGAC PHASE 1A NGAC PHASE 1A NGAC PHASE 1A NGAC PHASE 1A NGAC PHASE 1A NGAC PHASE 1A	of the surveys and des The Design Consultant to faulty design except 4000 2000 SCALE	Pipe Length: Pipe Length: 1.00m / 1.00m / 0 Pipe Length: 1.00m / 0 Pipe Length: Pipe Length:	Pipe Size: MXL-YA2512M 1:270 / 28.68 1:00m / 1:00m / 0	SM Pipe Size : MXL-YA2815M Pipe Size : MXL-YA2512M Pipe Length : Pipe Length : 1.00m / 1.00m / 0 1.00m / 1.00m / 0	FLOOR REFRIGERANT (ACCU-LGB.2) SCALE	ipe Size : 9.52 / 15.88 FCU LGB.5 TO LGB.5 TO LGB.5 TO LGB.6 (AM030FN4DCH/AA) FCU LGB.5 TO LGB.6 (AM030FN4DCH/AA) 2.500(0.000)tons Cooling Capa / Heating Capa 2.500(0.000)tons / 2.833(0.000)tons	9.52 / 22.22 MXJ-YA2512M Pipe Size : 9.52 / 15.88 m / 1.00m / 0 Pipe Length : 1.00m / 1.00m / 0 Pipe Length : 1.00m / 1.00m / 0	
SHEET CONTENTS: LOWER GROUND REFRIGERANT PIPING SCHEMATIC DIAGRAM	GRAPHIC SCALE 10000 SCALE NTS	optoms a of Annex *A* of the Revised Implementing Rules and Regulati a of detailed engineering survey and design undertaken by Desig r diminishes the responsibility of the latter for the technical integrit	Pipe Stae: MXL-YA2612M Pipe Stae: 9.52/15.68 Pipe Length: 1.00m / 1.00m / 0 Pipe Length: 9.52/15.68 Pipe Length: 9.52/15.68 Pipe Length: 9.52/15.68 Pipe Length: 9.52/15.68 Pipe Length: 9.52/15.68 Pipe Length: 9.52/15.68 Pipe Length: 1.00m / 1.00m / 0 ISBN 0 I	M Pipe Size : 1.00m / 1.00m / 0 FCU LCD. 1(AM046FN4DCH/AA.) Pipe Langth : 1.00m / 1.00m / 0 Pipe Size : 1.00m / 1.00m / 0 FCU LCD. 1 (AM046FN4DCH/AA.) Pipe Size : 0.00m / 1.00m / 0 Pipe Size : 1.00m / 1.00m / 0 FCU LCD. 2 TO LCD. 3 (AM030FN4D Cooling Claps / Heating Claps Cooling Claps / Heating Claps		LGB.6(AM030FN4DCH/AA) Heating Capa s / 2.833(0.000)tons	15.88 Dm / 0 FAI LGB.2(AM140H Cooling Capa / Heat 3.981(0.000)tons / 2 Cooling Capa / Heat Cooling Capa / Heat Cooling Capa / Heat	

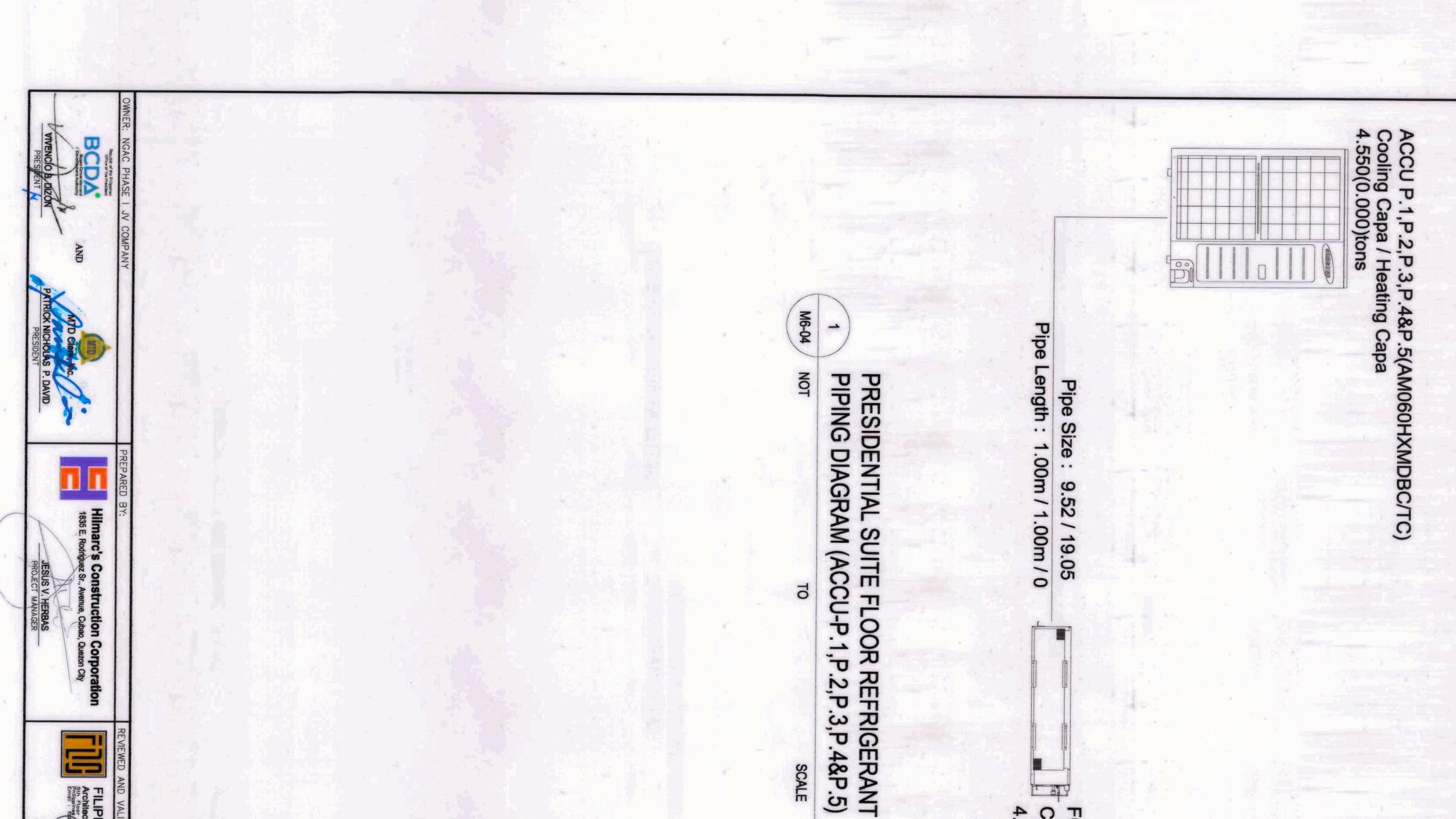
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UPPER GROUND REFRIGERANT PIPING SCHEMATIC DIAGRAM	AS-BUILT DRAWING NGAC PHASE 1A AQUATIC CENTER NEW CLARK CITY, CAPAS, TARLAC
SHEET CONTENTS: SHEET NO.	PROJECT TITLE:
GRAPHIC SCALE:	SCALE
ant to Section 4 of Annex "A" of the Revised Implementing Rules and Regulations of 184, approval of detailed engineering survey and design undertaken by Design ultants neither diminishes the responsibility of the latter for the technical integrity surveys and designs nor transfer any part of that responsibility to the approving officials. lesign Consultant shall be held fully responsible for the failure of the facilities/structures due ty design except for the changes made without the conformity of the Design Consultants.	RIGERANT RIGERANT The D The D The D The D
FCU 5HP(AM140JNPDKH/TK) Cooling Capa / Heating Capa 14.00(0.00)kW / 16.00(0.00)kW	Pipe Size : 9.52 / 15.88 Pipe Length : 1.00m / 1.00m / 0
FCU SHP(AM140JNPDKH/TK) Cooling Capa / Heating Capa 14.00(0.00)kW / 16.00(0.00)kW	MXJ-YA2512M Pipe Size : 9.52 / 15.88 Pipe Length.00m / 1.00m / 0
	FCU 5HP(AM140JNPDKH/TK) Cooling Capa / Heating Capa 14.00(0.00)kW / 16.00(0.00)kW
	DR REFRIGERANT U-UGI.1) SCALE
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15.88 00m / 0 14.00(0.00)kW / 16.00(0.00)kW	MXJ-YA2512M Size: 9.52 / 22.22 Pipe Size: 9.52 / 15.88 1: 1.00m / 1.00m / 0 Pipe Length: 1.00m / 1.00m / 0
140JNPDKH/TK) / Heating Capa / / 16.00(0.00)kW	Size: 9.52 / 15.88 h : 1.00m / 1.00m / 0
	CU 5HP(AM140JNPDKH/TK) ooling Capa / Heating Capa 1.00(0.00)kW / 16.00(0.00)kW







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FILIPINAS DRAVO CORPORATION Architectural & Engineering Consultants Sth. Floor Astrong Millingtons, Bldg, 1045 Aurong Blyd, Oueson City Philippines Astrong Millingtons, Bldg, 1045 Aurong Blyd, Oueson City Emoli : Throwoenfo.com.ph ALFREDO R. REVILLA PROJECT MANAGER

VALIDATED BY:

SCALE

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FCU P.1 TO P.5(AM048FNHDCH/AA) Cooling Capa / Heating Capa 4.000(0.000)tons / 4.500(0.000)tons

Pipe Size : 9.52 / 15.88 Pipe Length : 1.00m / 1.00m / 0

ACCU P.6(AM060HXMDBC/TC) Cooling Capa / Heating Capa 4.550(0.000)tons

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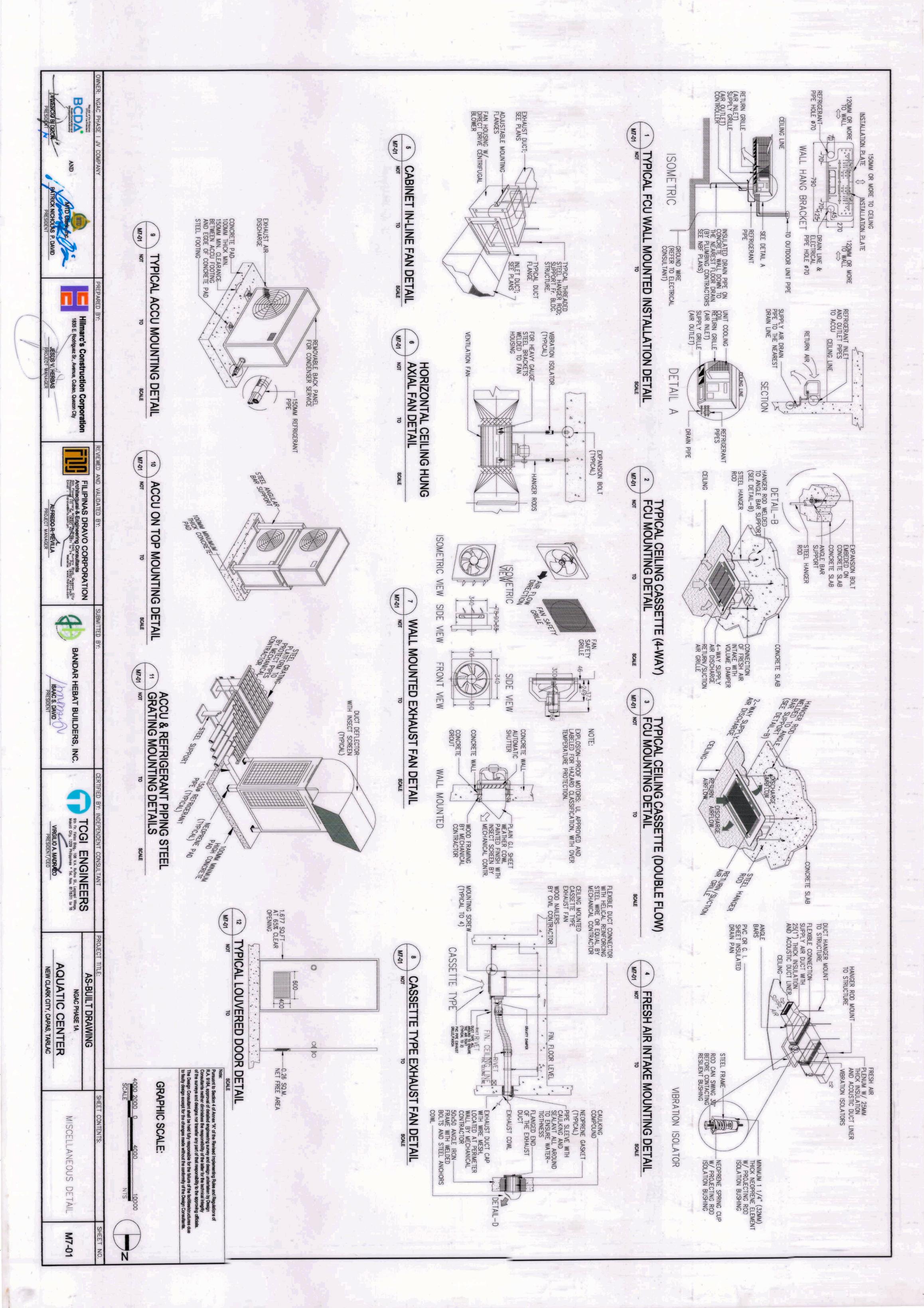
Pipe Size : 9.52 / 19.05 Pipe Length : 1.00m / 1.00m / 0

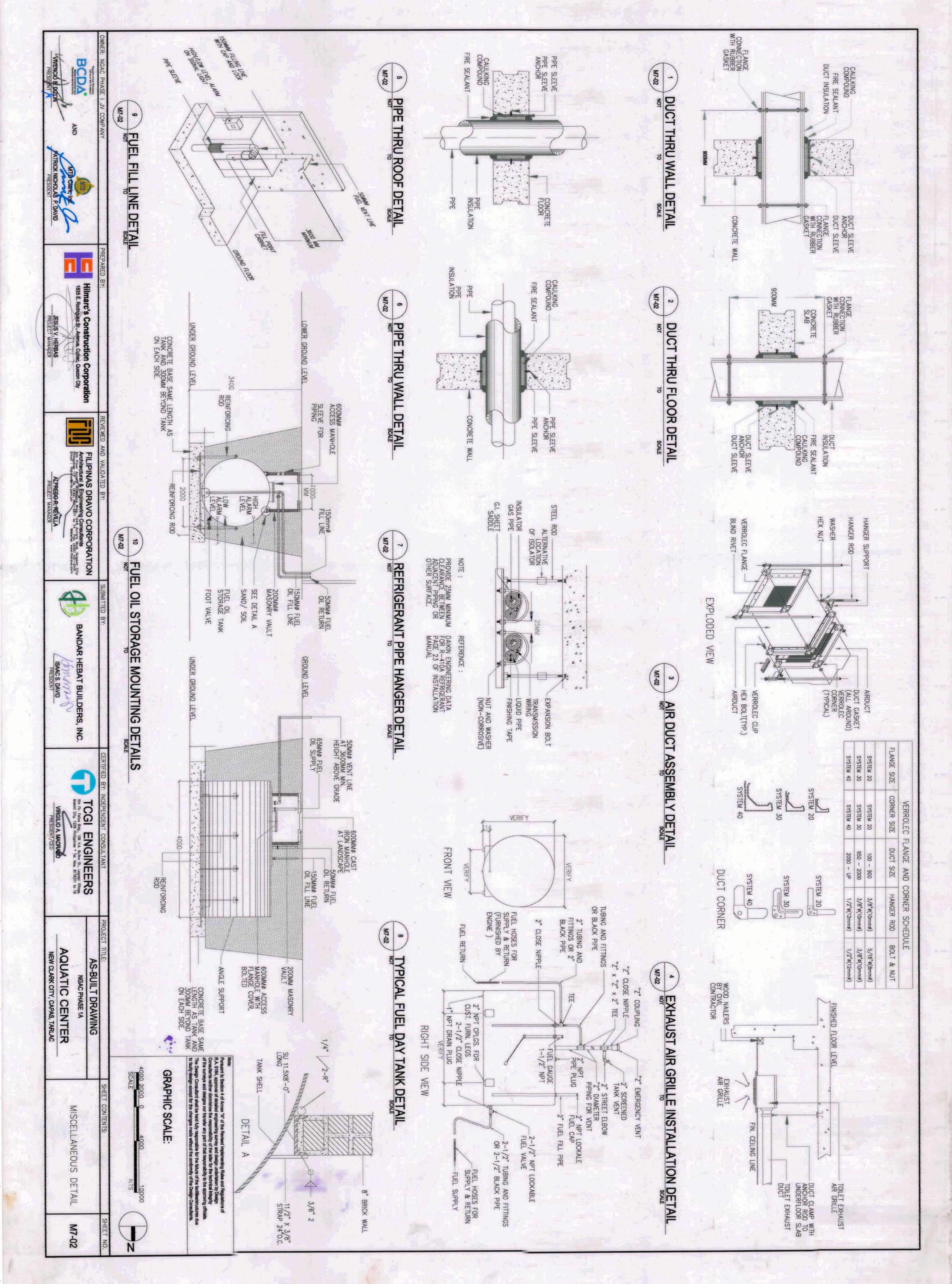
MXJ-YA2512M

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Pipe Size : 6.35 / 12.70 Pipe Length : 1.00m / 1.00m / 0

SULTANT IGINEERS A. Rufino St, Legassi Village, as * Tel. Nos. 8178311 to 16		PRESIDENTIAL SU PIPING DIAGRAM		Size: 9.52 / 15.88	Size : 6.35 / 12.70 h : 1.00m / 1.00m / 0	
PROJECT TITLE: AS-BUILT DRAWING NGAC PHASE 1A AQUATIC CENTER NEW CLARK CITY, CAPAS, TARLAC		IN ACC	Pipe Size : Pipe Length : 1.00	XJ-YA1509M Pipe Size : Pipe Length : 1.0	FCU P.6 TO F Cooling Capa 1.500(0.000)t	
AWING ENTER ENTER	Note: Pursuant to Sectio R.A. 9184, approv Consultants neithe of the surveys and The Design Consu to faulty design exe SCALE	FLOOR REFRIGER U-P.6) SCALE	Pipe Size : 6.35 / 12.70 ength : 1.00m / 1.00m / 0	ipe Size : 6.35 / 12.70 ngth : 1.00m / 1.00m / 0	TO P.8(AM018FN4DCH// Capa / Heating Capa 100)tons / 1.667(0.000)ton	
HEET CONTENTS: PRESIDENTIAL REFRIGERANT SCHEMATIC DI	ion 4 of Annex "A" of the Revised Implement oval of detailed engineering survey and designer and designs nor transfer any part of the latter suttant shall be held fully responsible for the sxcept for the changes made without the con- section of the construction of the latter approach of the construction of the latter approach of the latter ap	PANT	FCU P.6 TO P.8(Cooling Capa / H 1.500(0.000)tons	FCU P.6 TO P Cooling Capa / 1.500(0.000)to	υ <u>δ</u>	
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ATHLETES' NECHANICAL PLANS

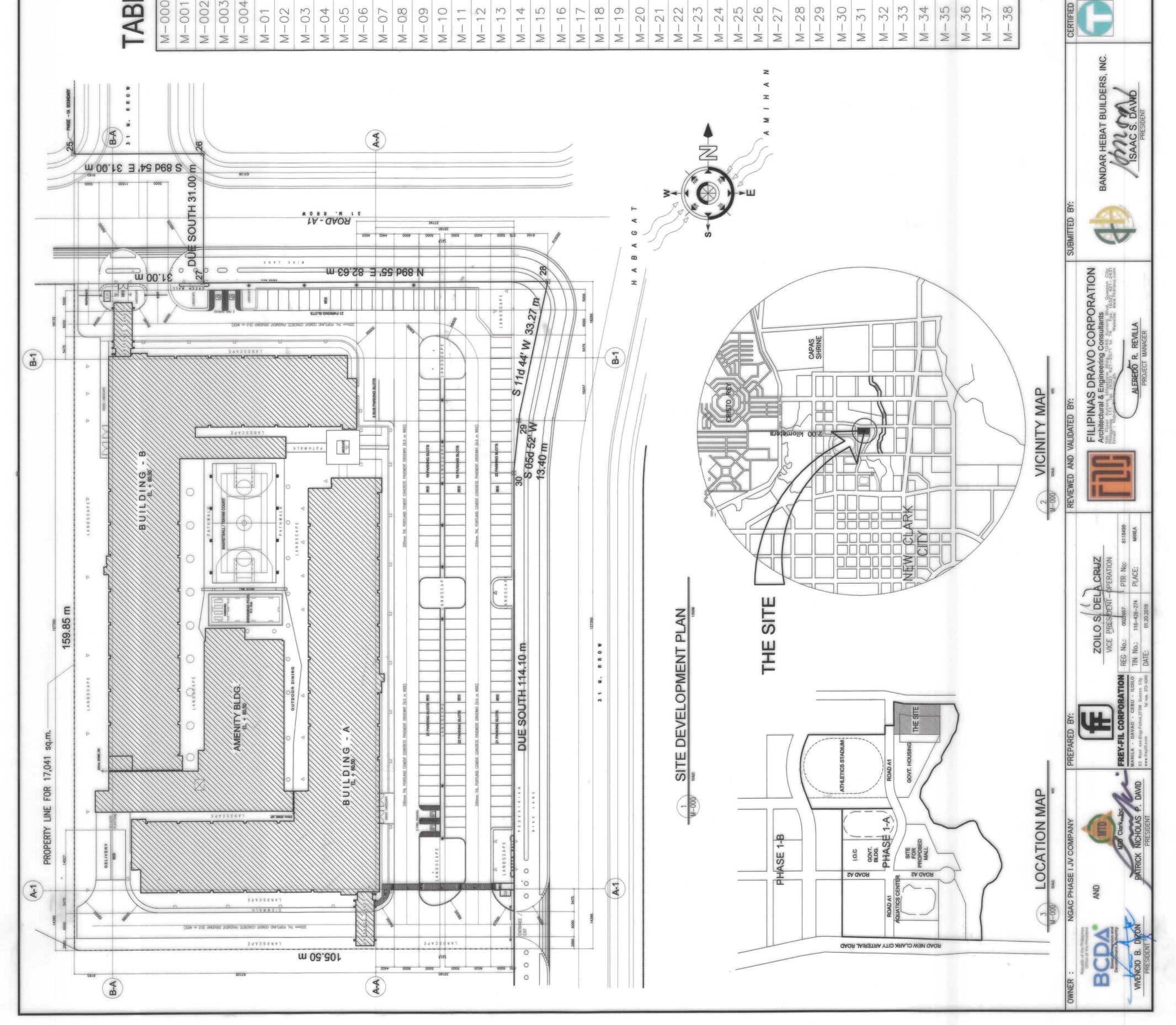
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0 N	LAN, TABLE OF CONTENTS,	BOLS, & ABBRE	AIRCONDITIONING EQUIPMENTS -	EQUIPMENTS	BUILDING GROUND) FLOOR AIRCONDITIONING	ITY BUILDING SECOND	FLOOR AIRCONDITIC	BUILDING THIRD FLOC	FLOOR AIRCONDITIONING L	FLOOR AIRCONDITIONING	LOOR AIRCONDITIONING	AIRCONDITIONING	AIRCONDITIONING L	ELOOD VENTILATION	Y BUILDING GROUND	FLOOR VENTILATION L	BUILDING SECOND	FLOOR VENTILATION LAYOUT	BUILDING	LOOR VENTILATION LAY	FLOOR VENTILATION L	FLOOR VENTILATIO	VENTILATION L	DECK VENTILATION LAYOUT	VENTILATION LAYOUT	S TOILET EAD RISER DIAGRAM	S TOILET EAD RISER DIAGRAM	4 - CENTRALIZED TOILET	4 - CENTRALIZED TOILET	5 - CENTRALIZED TOILET		6 - CENTRALIZED TOILET	6 - CENTRALIZED TOILET	" SMOKE EVACUATION RISE	ILS 01	S	ILS 03	ILS 04		AS-BUILT DRAWING NGAC PHASE 1A ATHLETES VILLAGE (AIR CONDITIONING & VENTILATION SYSTEM)
E OL CONTE	/ELOPMEN	NOTE	SCHEDULE OF AIRCON	0F	BUILDING "A" & AMENITY	BUILDING "B" GROUND		DING "B" SE	DING A & AME	BUILDING B THIRD F	DING "B" F	DING "A" FIFTH	DING "B" FIFTH	ROOF	BUILDING "B" ROOF DEC	DING "A"	"B" GR	BUILDING "A" & AMENITY	BUILDING "B" SECOND	& AME	THIRD	DING "A" F	DING "B" FOURT	DING "A" FIFTH	BUILDING B FIFTH F BUILDING "A" ROOF D	DING "B" ROOF	BUILDING "A" VARIOUS	BUILDING "B" VARIOUS	BUILDING "A" SYSTEM	BUILDING "B" SYSTEM	BUILDING "A" SYSTEM	DING "B"	BUILDING "A" SYSTEM	SYST	BUILDING "A" AND "B"	MISCELLANEOUS DETAIL	ANEOUS DE	MISCELLANEOUS DETAIL	MISCELLANEOUS DETAIL	Y: INDEPENDENT CONSULTANT	TCGI ENGINEERS an Fir. Faitze Bitg., 108 V.A. Rufino SI, Legenspi Villinge, Matani City, 1229 Philippines 'Tai Nos 8/78371 to 16 VIRGILIO A. MADRAZO
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(EGEND, SYMBOLS & ABBREVIATION:	ATION:		EQUIPMENT	NT CONTROLLER SYMBOL	BOLS:	
SYMBOL/ ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	SYMBOL/ ABBREVIATION	DESCRIPTION		
Access (Four	EQUIPMENT TAG	ACCU	AIR COOLED CONDENSING UNIT	RC	WALL MOUNTED REMOTE CONTROLLER - WIREL	LESS	
+⊖_+ ⊢∰ Fcu	FCU: 4-WAY CEILING CASSETTE	BTU	BRITISH THERMAL UNIT]		DUTROILLER	
FCU	FCU: WALL MOUNTED	CEF	CEILING EXHAUST FAN CONDENSATE DRAIN PIPE	-			
	AIR COC	CFM	CUBIC FEET PER MINUTE	EC	ELECTRONIC SINGLE PHASE SPEED CONTROL	LER (KRUGER)	
¢ MAC		EAD	EXHAUST AIR DUCT	IS	ISOLATION SWITCH/ EXHAUST OR FRESH AIR F	AN SWITCH	
	WINDOW-TYPE AIRCON UNIT	EAF	EXHAUST AIR FAN		ISOLATION CIRCUIT BREAKER		
CEF (ESP	EXHAUST FAN EXTERNAL STATIC PRESSURE	OF	OCILLATING FAN INDEPENDENT SWITCH (4-SF	SPEED)	
	ó	FAG FAD	FRESH AIR GRILLE FRESH AIR DUCT] [
KED	EXHAUST HOOD DUCT - RISER (B.I MATERIAL),	FAB	FRESH AIR BLOWER	CF	CEILING FAN INDEPENDENT SWITCH (4-SPEED		
	SINGLE DEF. EXHAUST AIR GRILLE SUPPLY AIR DUCT RISER	FAF FAHU	FRESH AIR FAN FRESH AIR HANDLING UNIT	MCP	MOTOR CONTROL PANEL		
NMOD AN	PRESSURIZATION AIR DUCT RISER FRESH AIR DUCT RISER	FCU					
N	EXHAUST AIR DUCT RISER	HKEF	HOUSEKEEPING EXHAUST FAN HORSEPOWER	DPS	DIFFERENTIAL PRESSURE SENSOR		
UP DOWN	SMOKE EXTRACTION DUCT RISER KED RISER	IWG	INCH OF WATER GAUGE KITCHEN EXHAUST DUCT	DPC	DIFFERENTIAL PRESSURE CONTROLLER		
	CEILING AND ORBIT FAN	KEG	KITCHEN EXHAUST GRILLE	(S)	SMOKE DETECTOR (BY - ECE/EE)		
5)		KEB OBVD	KITCHEN EXHAUST BLOWER OPPOSED BLADE VOLUME DAMPER)			
	4-WAY DIFFUSER	NDO	OUTDOOR UNIT	ON N	NORMALLY OPEN MOTORIZED DAMPER		
	TOILET EXHAUST AIR GRILLE	Pa	PASCAL PRESSURIZATION AIR DUCT	M HALL ON			
		PAG	PRESSURIZATION AIR GRILLE	-			
→ ↑ ←	SMOKE EXTRACTION AIR GRILLES	PAF	PRESSURIZATION AIR FAN	N	NUKIMALLY GLOSED MIOTORIZED DAMIPER		
11	WALL-MOUNTED FAN	PEF	PANTRY EXHAUST FAN	NC			
WMEP		SAD	SUPPLY AIR DUCT	S.	POWER SUPPLY (BY -EE)		
•⊱P]-~-	LOUVER DOOR - DIRECTION (INTAKE)	SEF	SMOKE EXTRACTION FAN	DIDE DESIGNATION.			
AD	DUCTING ACCESS DOOR	SEG	SMOKE EXTRACTION GRILLE				
8		SD	SPLITTER DAMPER				
Q	FIRE DAMPER	TYP. TR	TYPICAL TONS OF REFRIGERATION				
- /		TEF	TOILET EXHAUST FAN				
$\overline{\sqrt{2}}$	SIDE THROW AIR GRILLE	٨D	VOLUME DAMPER				
		VRF/VRV	VARIABLE REFRIGERANT FLOW/VOLUME				
		WSAF	WALL MOUNTED SUPPLY AIR FAN WALL MOUNTED EXHAUST FAN				



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KMANLIKE MANNER . IMPROPER I SHALL BE REMOVED AND REPLACED

NATED WITH THE OTHER

E SPECIFIED.

TOR. AN.

S.I SHEET GALVABOND MATERIALS AND UBBER INSULATIONS 25MM THICK. AND SULATION WITH REINFORCED ALUMINUM VG.

- SWITCH CONTROL PANEL **R KITCHEN**

VTED WITH ANTI-CORROSIVE

FOR KITCHEN EXHAUST BLOWER ARE

INCLUDE LOAD SIDE.

ECTRICAL CONTRACTOR.

RIGERANT FILTER DRIERS.

LESS COPPER PIPE HAS A THICKNESS

CLOSED CELL ELASTOMERIC MAIN PIPE, OR USE 20MM MIN. THICK. IINUM SHEETING AND ADHESIVE

OMERIC RUBBER INSULATIONS 15MM

ERIALS, CONSTRUCTION AND JIREMENT OF SMACNA OR

AECHANICAL ENGINEERING CODE, RICAN SOCIETY OF HEATING, AIR CONDITIONING AND REFRIGERATION SHEET METAL AND AIRCONDITIONING FICIALS, AND CODE ADMINISTRATORS, I, SOCIETY OF VALVES AND FITTINGS AL CODES PERTINENT TO THIS WORKS.

LATION DUCTS ARE OF 653 ASTM O SMACNA STANDARDS AND LOCK 3 TO ASTM E 84.

CK STEEL (B.I) SHEET WITH A N DUCT CONNECTIONS. KED WERE ALUMINUM FOIL VAPOR BARRIER . PROVIDE SERVICE HOLES/ACCESS

JR LIGHT TESTED AND WERE

MADE OF 0.6MM ASTM 653 HOT ED WITH PLASTIC STRAPS EVERY

MECHANICAL ENGINEER OF GOOD

ALED AHU/FCU AND REFER TO EPTABLE PIPE SIZES WITH RESPECT

ERS PROVIDED

INTENDED TO INDICATE ALL ACTOR INSTALLED MATERIALS AND UCTURE, AVOID OBSTRUCTION, SSAGEWAYS CLEAR. ALL INSTALLATION JSTRY STANDARDS. THE WRITING OF ANY DISCREPANCIES OR RMANCE OR WHICH WOULD INCUR

REVIEWED AND VALIDATED BY: 8118498 MANILA ZOILO S DELA CRUZ PTR No: PLACE: (E.) 0022657 *96-274 116-REG No.: TIN No.: DATE:

nts Fox. site:

lvd. Quezon City (632), 421-2431 www.fildravo.com FILIPINAS DRAVO CORPORATION Architectural & Engineering Consultants

ALEREDO R. REVILLA PROJECT MANAGER



5	GENERAL NOI
÷	ALL MECHANICAL WORKS HEREIN INCLUDED IN ACCORD SMACNA, UNIFORM MECH. CODE, PHILIPPINE MECHANICAI AND NFPA 96 AS PER NATIONAL BUILDING CODE.
2	INSTALLATION OF ALL WORKS DONE IN A NEAT AND WORN SETWORK OR FINISH AS DETERMINED BY THE ARCHITECT AT NO EXTRA COST.
ю́.	ALL MECHANICAL WORKS EXECUTED IN CLOSED COORDII TRADES.
4.	ALL DIMENSIONS ARE IN MILLIMETER, UNLESS OTHERWIS
റ് യ	ALL PIPE SIZE ARE IN MIM. ALL MATEDIALS TO BE LISED WEEDE DAAND NEWLAND OLEV
- -	ALL POWER WIRING DONE BY THE ELECTRICAL CONTRAC
α	ALL AIR-CONDITIONING DUCT AS PER SMACNA USING G.I FULLY INSULATED WITH CLOSE CELL ELASTOMERIC RUI OR MINIMUM OF 19MM MIN. THICK FOR POLYOLEFIN INSU SHEETING AND ADHESIVE BACKING, CLASS 0 FIRE RATING
ດັ	FRESH AND EXHAUST AIR VENTILATING EQUIPMENTS FO LOCATED NEAR AT THE COOKING AREA.
10.	ALL FRESH AIR DUCT EXPOSED TO WEATHER WERE PAIN PAINT.USE EPOXY PRIMER FOR ALL APPLICATION.
11.	SEAL TYPE ELECTRIC MOTOR FOR BLOWERS DRIVE. AND SPARK - RESISTANT CONSTRUCTION.
12.	PPORTS ARE FULLY WELDED.
13.	ALL CONTROL WIRING WERE DONE BY THE CONTRACTOR POWER SUPPLY/WIRINGS FOR THE UNITS ARE BY THE ELI
15.	
16.	REFRIGERANT PIPING ARE TYPE "L" HARD DRAWN SEAM OF 0.71 MM.
17.	REFRIGERANT PIPE INSULATION WERE 25MM MIN. THICK. RUBBER INSULATION FOR BRANCH RUN, AND 40MM FOR FOR POLYOLEFIN INSULATION WITH REINFORCED ALUN BACKING, CLASS 0 FIRE RATING.
18.	AC CONDENSATE DRAIN LINE WERE CLOSED CELL ELAST MIN. THICK.
19.	ANY REQUIREMENT NOT FOUND IN PSME CODE, THE MAT INSTALLATION OF DUCTWORK COMPLIED WITH THE REQU ASHRAE.
20.	ALL DUCTWORKS CONFORMED WITH THE PHILIPPINE ME AMERICAN STANDARDS FOR TESTING MATERIALS,AMERIC REFRIGERATION AND AIR CONDITIONING ENGINEERS, AIF INSTITUTE,NATIONAL FIRE PROTECTION ASSOCIATION, SI CONTRACTORS, NATIONAL ASSOCIATION, BUILDING OFFI INTERNATIONAL, MANUFACTURERS STANDARDIZATION, SI INDUSTRY, INC., AND OTHER LOCAL AND INTERNATIONAL
21.	ALL AIR-CONDITIONING, FRESH AIR AND EXHAUST VENTIL HOT DIPPED, ZINC COATED STEEL SHEET CONFIRMING TO FORMED AND SEALED WITH DUCT SEALANT CONFORMING
22.	KITCHEN EXHAUST DUCT WERE MADE OF ASTM 653 BLA MINIMUM THICKNESS OF 1.2MM (GA. 18) FULL WELDED OI INSULATED WITH 25MM THICK FIBER GLASS BOARD WITH WITH A DENSITY OF ATLEAST 48 Kg per cubic meter (3PCF) DOOR FOR CLEANING.
23.	PRIOR TO INSULATION, ALL DUCTWORKS WERE SMOKE C WITNESSED BY AUTHORIZED REPRESENTATIVE.
24.	PROVIDED CONTINUOUS CORNER BENDS ON ALL DUCTS DIPPED, ZINC COATED STEEL SHEET, PROPERLY FASTEN 300MM.
25.	ALL HVAC WORKS WERE SUPERVISED IN A REGISTERED STANDING.
26.	PROVIDED SECONDARY DRAIN PAN FOR CEILING CONCE MANUFACTURE STANDARD FOR THE REFRIGERANT ACCE TO LENGTH OF THE PIPING.
26.	AIRCONDITIONING UNIT CMD/FAHU/AHU RETURN AIR FILT BY MANUFACTURER.
27.	7. THESE DRAWING WERE DIAGRAMMATIC AND ARE NOT IN NECESSARY PIPING OFFSET OR FITTINGS. THE CONTRAC EQUIPMENTS IN A MANNER AS TO CONFORMED TO STRUC PRESERVE HEADROOM, AND KEEP OPENINGS AND PASS WERE CONSISTENT WITH NORMALLY ACCEPTABLE INDUS CONTRACTORS HAS NOTIFY THE MANAGING OFFICE IN W CONFLICTS THAT WOULD AFFECT THE SYSTEM PERFORM ADDITIONAL COSTS. THIS NOTIFICATION WERE MADE BY
OWNER : NGA	AC PHASE I JV COMPANY PREPARED BY:
Bristo of the Providence Office of the Providence Bristo Generation of Development Authority	Clarks-Jac
VIVENCIO B. DIZON	P. DAVID 83 West are Brgy. Paitak.SF 83. West are Brgy. Paitak.SF www.freyfil.com

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	escription dr unit d duct-type type type type	DOR UNIT ED DUCT-TYPE DLING UNIT DUCT-TYPE OOR UNIT ED DUCT-TYPE ED DUCT-TYPE	DESCRIPTION		R UNIT DUCT-TYPE ING UNIT DUCT-TYPE		DUCTTYPE DUCTTYPE	DESCRIPTION		D DUCT-TYPE TYPE	- OUTDOOR UNIT MOUNTED CASSETTE TYPE MOUNTED CASSETTE TYPE MOUNTED CASSETTE TYPE WR HANDLING UNIT DUCT-TYPE	VRV A - OUTDOOR UNIT CEILING MOUNTED CASSETTE TYPE	CEILING MOUNTED CASSETTE TYPE CEILING MOUNTED CASSETTE TYPE CEILING MOUNTED CASSETTE TYPE	MOUNTED CASSETTE TYPE MOUNTED CASSETTE TYPE	PROJECT TITLE: AS-BUILT DRAWING NGAC PHASE 1A ATHLETES VILLAGE (AIR CONDITIONING & VENTILATION SYSTEM) New Clark City Capas Tarlac
	LL TYPE L,HD CONDENSATE LUNIT DES REF. PIPE SIZE SIZE DRAIN PIPE SIZE UNIT DES PHASE CYCLE BEA. DRAIN PIPE SIZE UNIT DES 1 CYCLE 9:56/25:56 - VRV A - OUTDOOF 1 60 9:56/15:96 25:0 Ø WALL MOUNTED TY 1 60 6:46/12:76 13:0 Ø WALL MOUNTED TY	3 60 12.74/28.64 - VRV A - OUTDOOR UNIT 1 60 9.56/15.94 25.0 ¢ CEILING MOUNTED DUCT-T 1 60 9.56/15.94 25.0 ¢ FRESH AIR HANDLING UNIT 3 60 12.76/28.66 - VRV A - OUTDOOR UNIT 3 60 12.76/28.66 - VRV A - OUTDOOR UNIT 4 60 9.56/15.94 25.0 ¢ CEILING MOUNTED DUCT-T	TYPE L'HD ERAMLESS REF. PIPE SIZE LLQUID/GAS (MM)	DE UTCLE - VRV A - O 60 9.5ø/19.16 - VRV A - O 60 9.5ø/19.16 25.0 Ø CEILING MOI 60 6.4ø/12.7ø 13.0 Ø WALL MOUN	- OUTDOO 3 MOUNTED AIR HANDLI	3 60 15.9¢/28.6¢ – VRV A – OUTDOO 3 60 9.5¢/19.1¢ 3 60 12.7¢/28.6¢	1 60 9.5¢/15.9¢ 25.0 ¢ CEILING MOUNTED 1 60 9.5¢/15.9¢ 25.0 ¢ CEILING MOUNTED	ICAL RISTICS TYPE L,HD REAMLESS REF. PIPE SIZE LIQUID/GAS PHASE CYCLE (MM)	3 60 19.1¢/41.3¢ – VRV A – OUTDO 3 60 15.9¢/28.6¢ 3 60 15.9¢/28.6¢	1 60 9.5ø/19.1ø 25.0 ø CEILING MOUNTE 1 60 6.4ø/12.7ø 13.0 ø WALL MOUNTED	3 60 12.7¢/28.6¢ - VRV A - OUTDOOR 1 60 6.4¢/12.7¢ 25.0 ¢ CEILING MOUNTED 1 60 9.5¢/15.9¢ 25.0 ¢ CEILING MOUNTED	60 12.7¢/28.6¢ 60 9.5¢/15.9¢ 25.0 ¢	25.0 ø 25.0 ø 25.0 ø	60 6.4ø/12.7ø 25.0 ø CELING 60 9.5ø/15.9ø 25.0 ø CELING	CERTIFIED BY: INDEPENDENT CONSULTANT CERTIFIED BY: INDEPENDENT CONSULTANT TCGI ENDERT Sth Fit: Fallies Bield, 108 V.A. Ruffino SI, Legessi Villege, Makati City, 1220 Philippines 'Tel Nos. B178311 Ib 16 VIRGILIO A. MADRAZO
	MANUFACTURER SELECTED CAPACITY ELECTRICA INDOOR OUTDOOR OUTDOOR CHARACTERIS AIRFLOW COOLING AIRFLOW FOUNDOOR POWER H/M/L HP CMM BTU/HR POWER VOLTS H/M/L HP CMM BTU/HR POWER VOLTS 9/5500 6.84 400 178 95,500 6.84 400 3/53/28 5.0 178 95,500 6.84 400 1 3/53/28 5.0 1.78 95,500 6.84 400 1 3/53/28 5.0 0.178 0.283 220 1 7.5/4.5 0.8 0.18 0.019 220 1 7.5/4.5 0.8 0.10 0.019 220 1 7.5/4.5 0.8 0.10 0.019 220 1 7.5/4.5 0.8 0.10 0.028 220 1 7.5/4.5 10 0.028 220 <t< td=""><td>25/22.5/20 2.57 152.900 12.9 400 25/22.5/20 3.2 2.57 152.900 12.9 400 18 5.0 3.2 0.184 220 18 5.0 1 0.359 220 18 5.0 1 0.359 220 18 5.0 1 101AL 0.359 220 101AL 101AL 172,000 12.9 400 32/27/23 4.0 0.214 220</td><td>TOTAL TOTAL (17) CTURER SELECTED CAPACITY CTURER SELECTED CAPACITY COLING AIRFLOW COOLING POWER CONSUMPTION</td><td>I) HP CMM BTU/HR (KW) V 32 6.0 178 76, 400 5.17 0.404 32 6.0 0.3 0.404 0.404 0.033 2 2.0 0.033 0.033 0.033 0.033 7 ToTAL (8.0) 0.033 0.033 0.033</td><td>5/22:5/20 3.2 257 152,900 12.9 400 5/22:5/20 3.2 0.184 220 18 5.0 0.359 220 18 5.0 0.359 220 16 15 0.359 220 17 15 0.359 220</td><td>257 172,000 13.9 400 5.17 400 33.5 400</td><td>39/33/28 5.0 0.283 220 39/33/28 5.0 0.283 220 701AL (20)</td><td>MANUFACTURER SELECTED CAPACITY ELECTR INDOOR OUTDOOR OUTDOOR CHARACTE AIRFLOW COOLING AIRFLOW COOLING POWER H/M/L HP CMM BTU/HR VOLTS</td><td>297+297 382,200 35.4 400 297 248,400 17.7 400 297 133,800 17.7 400</td><td>58/50 8.0 1.49 220 7.5/4.5 0.8 0.019 220 7.5/4.5 0.8 0.019 220</td><td>257 152,900 12.9 400 18/17/13.5 2.0 0.040 220 /12.5/11 2.0 0.040 220 32/29/26 4.0 0.158 220 /26/23 4.0 0.158 220 /12.11 1.6 0.036 220 17/13.5/13 1.6 0.359 220</td><td>TOTAL (14.6) 257 133,800 10.7 /26 4 0.158</td><td></td><td>1.6 0.036 5.0 0.178 TOTAL (14.7)</td><td>SUBMITTED BY: BANDAR HEBAT BUILDERS, INC.</td></t<>	25/22.5/20 2.57 152.900 12.9 400 25/22.5/20 3.2 2.57 152.900 12.9 400 18 5.0 3.2 0.184 220 18 5.0 1 0.359 220 18 5.0 1 0.359 220 18 5.0 1 101AL 0.359 220 101AL 101AL 172,000 12.9 400 32/27/23 4.0 0.214 220	TOTAL TOTAL (17) CTURER SELECTED CAPACITY CTURER SELECTED CAPACITY COLING AIRFLOW COOLING POWER CONSUMPTION	I) HP CMM BTU/HR (KW) V 32 6.0 178 76, 400 5.17 0.404 32 6.0 0.3 0.404 0.404 0.033 2 2.0 0.033 0.033 0.033 0.033 7 ToTAL (8.0) 0.033 0.033 0.033	5/22:5/20 3.2 257 152,900 12.9 400 5/22:5/20 3.2 0.184 220 18 5.0 0.359 220 18 5.0 0.359 220 16 15 0.359 220 17 15 0.359 220	257 172,000 13.9 400 5.17 400 33.5 400	39/33/28 5.0 0.283 220 39/33/28 5.0 0.283 220 701AL (20)	MANUFACTURER SELECTED CAPACITY ELECTR INDOOR OUTDOOR OUTDOOR CHARACTE AIRFLOW COOLING AIRFLOW COOLING POWER H/M/L HP CMM BTU/HR VOLTS	297+297 382,200 35.4 400 297 248,400 17.7 400 297 133,800 17.7 400	58/50 8.0 1.49 220 7.5/4.5 0.8 0.019 220 7.5/4.5 0.8 0.019 220	257 152,900 12.9 400 18/17/13.5 2.0 0.040 220 /12.5/11 2.0 0.040 220 32/29/26 4.0 0.158 220 /26/23 4.0 0.158 220 /12.11 1.6 0.036 220 17/13.5/13 1.6 0.359 220	TOTAL (14.6) 257 133,800 10.7 /26 4 0.158		1.6 0.036 5.0 0.178 TOTAL (14.7)	SUBMITTED BY: BANDAR HEBAT BUILDERS, INC.
NDI I ONING UNI S	DESIGN COOLING TOTAL DESIGN SENSIBLE LATENT COOLING AIRFLOW SENSIBLE LATENT BTU/HR AIRFLOW BTU/HR BTU/HR BTU/HR CFM AIRFLOW 37,445 6,336 43,800 1,853 3 A 39,18 607 4,500 935 B DR BLDG-A 3,918 607 4,500 204 B BLDG-A 7,409 704 8,100 331 B	UND FLOOR BLDG-A 57,885/3 18,877/3 76,800/3 2,899/3 25 DUND FLOOR BLDG-A 57,885/3 18,877/3 76,800/3 2,899/3 25 DUND FLOOR BLDG-A 7,627 6,002 13,629 356.64 25 D-5TH FLOOR BLDG-A 7,627 6,002 13,629 356.64 27 D-5TH FLOOR BLDG-A 27,809 6,426 34,200 1,382 32	6,608 42,700 1,790 COOLING TOTAL DESIGN LATENT BTU/HR CFM	BTU/HR BTU/HR BTU/HR BTU/HR D0R BLDG-B 42,080 6,450 48,500 2,094 4 D0R BLDG-B 42,080 6,450 48,500 2,094 4 CROUND FLR BLDG-B 16,304 776 17,100 935	B ROUND FLOOR BLDG-B 52,697/318,575/3 71,300/3 2,615/3 2 ROUND FLR BLDG-B 7,627 6,002 13,629 356.64		MS, 2ND-4TH FLR BLDG-B 30,387 6,476 36,900 1,499 M. 5TH FLR BLDG-B 38,004 6,679 44,700 1,949	AREA SERVED BEU/HR BTU/HR BTU/HR CFM	U	AREA, GRND FLR BLDG-C 228,417/ 5 119,609/ 5 548,0000/ 5 9,105/ 5 REA, GRND FLR BLDG-C 3,561 625 4,200 182	-C AREA, SECOND FLOOR 2,8529/2 6,937/2 35,500/2 1,366/2 SECOND FLOOR BLDG-C 28,136 3,984 32,100 1,399 E, SECOND FLR BLDG-C 13,043 1,092 14,100 696	-U 13,622 10,721 24,343 13,622 10,721 24,343 29,474 3,217 32,700	FLOOR BLDG-C 9,302 1,064 10,400 FLOOR BLDG-C 8,414 1,053 9,500	968 14,200 1554 11,600 7,681 38,200	BY: NAS DRAVO CORPORATION ural & Engineering Consultants urore Milestone Bidg. 1045 Aurorg Bivd. Guezon City urore Milestone Bidg. 1045 Aurorg Bivd. Guezon City and Alf REDA R. Revilla
SCHEDULE: AIRCONDII RV, R410A AIRCONDITIONING UNITS	SYSTEM SYSTEM OUTDOOR-1 000R UNIT 000R UNIT 000R UNIT	VRF OUTDOOR-2 1 UNIT ROOF DECK BLDG-A INDOOR UNIT 3 UNITS EXERCISE ROOM, GR INDOOR UNIT 1 UNIT EXERCISE ROOM, GR VRF OUTDOOR UNIT 1 UNIT EXERCISE ROOM, GR VRF OUTDOOR-3 1 UNIT ROOF DECK FOR 2N INDOOR UNIT 3 UNIT ROOF DECK FOR 2N	UNIT CONFERENCE ROO RCONDITIONING	VRF OUTDOOR-4 1 UNIT ROOF DECK BLDG-F INDOOR UNIT 1 UNIT LOBBY, GROUND FLU INDOOR UNIT 1 UNIT ELECTRONICS ROOM	VRF OUTDOOR-5 1 UNIT ROOF DECK BLDG-1 INDOOR UNIT 3 UNITS EXERCISE ROOM, GI INDOOR UNIT 1 UNIT EXERCISE ROOM, G	VRF OUTDOOR-6 1 SET ROOF DECK BLDG- COMBINATION UNITS OUTDOOR 6A 1 UNIT OUTDOOR 6B 1 UNIT	00R UNIT 3 UNITS CONFERENCE ROO 00R UNIT 1 UNIT CONFERENCE ROO		VRF OUTDOOR-7 1 SET ROOF DECK BLDG- COMBINATION UNITS (2UNITS) 0 OUTDOOR 7A 1 UNIT 0 OUTDOOR 7B 1 UNIT	INDOOR UNIT 5 UNITS ATHLETE'S DINING INDOOR UNIT 1 UNIT KITCHEN OFFICE A	VRF OUTDOOR-8 1 UNIT ROOF DECK BLDG INDOOR UNIT 2 UNITS LIBRARY READING INDOOR UNIT 1 UNIT COMPUTER AREA, INDOOR UNIT 1 UNIT LIBRARIAN'S OFFIC	HALLWAY / 2F SECOND FLOOR ADMINISTRATION.	OFFICE-1, OFFICE-2,	INDOOR UNIT 1 UNIT OFFICE-3, SECON INDOOR UNIT 1 UNIT BLDG-C INDOOR UNIT 1 UNIT CONFERENCE ROU	RV XPRESS SOFTWARE AND PROJECT BOD INDOOR CONDITION 75 ACRUZ -OPERATION PTR No: 8118498 D1 ACF. MANIA
EQUIPMENT SI BUILDING A - VRF/VRV,	IT TAG (SIGNATIO SIGNATIO J01-RE-A2 J01-GF-A2 J01-GF-A4	VRF-CND/02-RD-A2 VRF-CMD/02-GF-A1 VRF-FAHU-GF-A1 VRF-FAHU-GF-A1 VRF-CND/02-RD-A3 VRF-CMD/04-8F-A1; VRF-CMD/04-8F-A1;	- VRF	VRF-ODU/04-RD-B1 VRF-CMD/01-GF-B1 VRF-WM/05-CF-B1	VRF-ODU/05-RD-B2 VRF-CMD/02-GF-B2, VRF-FAHU-GF-A1	VRF-ODU06-RD-B3 VRF-ODU68-RD-B4 VRF-ODU68-RD-B4	F-CMD/04-2F-B1; VRF-CMD/04-3F-B1; VRF-CMD/04-4F-B1 VRF-CMD/05-5F-B1	EQUIPMENT TAG OR UNIT DESIGNATION	VRF-ODU/07-RD-C1 VRF-ODU/7A-RD-C2 VRF-ODU/7B-RD-C3	VRF-CMD/05-GF-C1; VRF-CMD/05-GF-C2; VRF-CMD/05-GF-C3;VRF-CMD/05-GF-C4; VRF-CMD/05-GF-C5 VRF-CMD/05-GF-C5	VRF-ODU/08-RD-C2 VRF-CMC/04-2F-C2 VRF-CMC/06-2F-C1 VRF-CMC/08-2F-C1	VRF-FAHU-2F-C1 VRF-ODU/08-RD-C3	VRF-CMC/02-2F-C1 VRF-CMC/02-2F-C1 VRF-CMC/01-2F-C1	VRF-CMC/04-2F-C1 VRF-CMC/04-2F-C2 VRF-CMC/07-2F-C2	PREPARED BY: PREPARED BY: ZOILO S. DELO ZOILO S. DELO VICE PRESIDENT VICE PRESIDENT MANITA - DAVAO - CEBU - 140140
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										SHEET NO. M-003
										SHEET CONTENTS: SCHEDULE OF AIR CONDITIONING & VENTILATION EQUIPMENTS
Ø	DEQUAL	S.	D EQUAL	SX	ED EQUAL			2	ER UNIT	PROJECT TITLE: AS-BUILT DRAWING NGAC PHASE 1A ATHLETES VILLAGE (AIR CONDITIONING & VENTILATION SYSTEM) New Clark City, Capas, Tarlac
REMARK	APPROVEL	REMAR	APPROVE	REMAR	APPROVE	TION		UNIT DESCRIPTIO	JT TYPE DX INVERTE	CONSULTANT INEERS mo Si. Legaspi Village ta. Nos. B178311 to 16 DRAZO
RIPTION	E AIRCON UNIT	CRIPTION	PE AIRCON UNIT	CRIPTION	PE AIRCON UNIT	UNIT DESCRIP	BIT-TYPE BIT-TYPE BIT-TYPE		SPL	Y: INDEPENDENT CONSULTANT TCGI ENGINEERS on Fit. Faliza Bidg., 108 U.A. Rufino St., Lagasci Villago, Makati Chy, 1220 Philippines * Tel. Nues. 8778971 to 16 Makati Chy, 1220 Philippines * Tel. Nues. 8778971 to 16 DIRECIDIO A. MADRAZO
UNIT DESC	A WINDOW-TYF	UNIT DESC	A WINDOW-TY	UNIT DES	DA WINDOW-TY		CEILING FAN ORBIT-TYPE CEILING FAN ORBIT-TYPE CEILING FAN ORBIT-TYPE	CYCLE	60	FIED BY: IN TCG an Fit. Failt Makati Chy.

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AL	PHASE		-			STICS	PHASE	-		-			CAL NSTICS	PHASE	+		ICAL RISTICS	PHASE				\vdash		ILDERS, INC
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	POWER CONSUMPTION (KW)	1.21	1.21	1.70			POWER CONSUMPTION (KW)	1.21	1.21	1.70	5.1			CONSUMPTION (KW)	1.70			W CONSUMPTION (W)	20 20	OM BA	HARD DRAI PIPE SIZE, LIQUID (MM)	6.4ø		BANDAR
CAPACITY	COOLING COOLING	1.5	1.5	2.5		CAPACITY INDOOR	(HD) COOLING	S. F.	1.5	2.0	2.5	VEIGADA	INDOOR	(HP)	2		CAPACITY	SIZE AIR FLO (IN.) (CMM)	36 36 36	ONICS RO	CAPACITY INDOOR/OUTDOOF COOLING (BTU/HR) (KJ/HR)	17,999 (18,990)	SUBMITTED BY:	2
WINDOW TYPE AIRCONDITIONING UNITS	LOCATION OR AREA SERVED	STUDIO & HDCP UNITS, GRND4TH FLR BLDG-A GF-SU02 TO 08- SOUTH 2F-SU35 4F-SU02 TO 07 4F-SU02 TO 07 GF-SU-02 TO 16- NORTH 2F-SU43, 44, 804, 4F-SU08 4F-SU08 GF-SU-02 TO 16- NORTH 2F-SU43, 44, 804, 4F-SU08 4F-SU08 GF-SU4, 37, 8.38 3F-SU20 TO SU33 4F-SU20 TO SU30 4F-SU20 TO SU30 GF-SU41 3F-SU01 3F-SU01 4F-SU20 TO SU30 4F-SU20 TO SU30 2F-SU01 3F-SU01 3F-SU20 4F-SU20 TO SU30 4F-SU20 TO SU30 2F-SU10 3F-SU01 4F-SU20 TO SU30 4F-SU20 TO SU30 3F-SU20 2F-SU11 7A-SU20 TO SU31 3F-SU20 3F-SU20 3F-SU20 2F-SU11 7A-SU20 3F-SU20 4F-SU40, 41, & 561 2F-SU11 3F-SU20 3F-SU20 4F-SU40, 41, & 561 2F-SU11 3F-SU10 3F-SU31, & 3F-SU31 3F-SU31, & 3F-SU31	ENCE ROOM, GROUND F	STUDIO & HDCP UNITS, GRND-5TH FLR BLDG-A GF-SU01 & HDCP UNITS, GRND-5TH FLR BLDG-A GF-SU01 NORTH 2F-SU19 5F - SU01 5F - SU33 54.49 GF-SU06 SOUTH 2F - SU01 5F - SU07 5F - SU33 34.49 GF-SU16 3F - SU01 5F - SU07 5F - SU03 5F - SU03 5F - SU03 GF-SU17 3F - SU01 5F - SU07 6F - SU03 5F - SU03 5F - SU03 GF-SU18 3F - SU03 5F - SU03 6F - SU13 5F - SU13 5F - SU13 GF-SU18 DC29,& SU03 5F - SU13 5F - SU13 5F - SU13 5F - SU13 GF-SU30 & F - SU20 5F - SU13 5F - SU13 5F - SU13 5F - SU13 GF-SU30 & F - SU20 5F - SU13 5F - SU13 5F - SU13 5F - SU13 GF-SU30 & F - SU20 5F - SU13 5F - SU13 5F - SU13 5F - SU13	DITIONING UNIT		LOCATION OR AREA SERVED	STUDIO & HDCP UNITS, GRND-4TH FLR BLDG-B GF-SU01-EAST 2r-SU48 3F-SU44 4F-SU46TO51 GF-SU01-EAST 2r-SU48 3F-SU46 4F-SU46TO51 GF-SU01-EAST 2r-SU48 3F-SU46-52 4F-SU46TO51 GF-SU01-EAST 2r-SU48 3F-SU46-52 4F-SU46 GF-SU03 2r-SU48-55 4F-SU46 4F-SU46 GFSU-44, 40TO48 2F-SU48-56 4F-SU07 4F-SU46 ZF-SU01 3F-SU46-56 4F-SU46 4F-SU46 ZF-SU01 3F-SU48-56 4F-SU46 4F-SU46 ZF-SU03 2F-SU04 4F-SU46 4F-SU46 ZF-SU03 3F-SU66 4F-SU46 4F-SU46 ZF-SU36 3F-SU67 4F-SU46 4F-SU46 ZF-SU37 3F-SU66 4F-SU46 4F-SU46 ZF-SU37 3F-SU66 4F-SU46 4F-SU46	CONFERENCE ROOM, GROUND FLR BLDG-B OFFICE, GROUND FLOOR BLDG-B	STUDIO & HDCP UNITS, GRND-5TH FLR BLDG-B GF-SU06, 02 T0 10, & 2F-SU09&10 4F-SU16 5F-SU42 GF13 T0 16 2F-SU16 4F-SU14 5F-SU42 GF-SU17 2F-SU16 4F-SU13 5F-SU43 GF-SU17 2F-SU16 6F-SU13 5F-SU43 GF-SU17 3F-SU16 5F-SU13 5F-SU33 GF-SU3 3F-SU16 5F-SU13 5F-SU33 GF-SU3 3F-SU16 5F-SU33 5F-SU33 GF-SU3 5F-SU33 5F-SU33 5F-SU33		AIRCONDITIONING UNIT		LOCATION OR AREA SERVED	GARBAGE COLD STO., GRND FLOOR BLDG-C			LOCATION OR AREA SERVED	ATHLETE'S DINING AREA, GROUND FLR BLDG-C STORAGE AREA, SECOND FLOOR BLDG-C LOUNGE	AIRCONDITIONING UNITS (ELECTRONICS ROOM BACK-UP UNIT)	LOCATION OR AREA SERVED	ELECTRONICS ROOM (BACK-UP UNITS)-BLD'G. A&B	IN ONE	Architectural & Engineering Consultants Filippines 111 Electron Bilds, 1045 Aurora Birds, Quezon City Filippines 111 Electron 421-25571 to 74 Pre-2437 Email : Fildraw Auroccomputer Values www.fildravo.com ALFREDO K. REVILLA PROJECT MANAGER
YPE AIR	UNITS	UNITS	UNIT	UNITS	L L		UNITS	UNITS	UNIT UNIT	UNITS	UNITS	TYPE AIF		UNITS	UNIT			UNITS	UNIT UNIT UNIT	TYPE AIF	UNITS	SETS	REVIEWED	8118498 MANILA
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	CYCLE	00	09	<u> </u>	-		CYCLE	09	60	00	90			CYCLE	60		-	CYCL	60 60			220		S, INC.
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	POWER CONSUMPTIO	1.21	1.21	1.70			POWER CONSUMPTIO	1.21	1.21	1.70	2.1			POWER CONSUMPTH (KW)	1.70			W CONSUMPT (W)	20 20	OM B/	HARD DI PIPE SIZ LIQUID (MM)	6.4ø		BANDAF
CAPACITY	COOLING	1.5	1.5	2.5		CAPACITY INDOOR	COOLING		1.5	2.0	2.5		CAPACITY INDOOR	(HP)	3		CAPACITY	SIZE AIR FLO (IN.) (CMM) 76	1 1 30 30 30	ONICS RO	CAPACITY INDOOR/OUTDOOI COOLING (BTU/HR) (KJ/HR)	17,999 (18,990)	SUBMITTED BY:	
WINDOW TYPE AIRCONDITIONING UNITS	LOCATION OR AREA SERVED	STUDIO & HDCP UNITS, GRND-4TH FLR BLDG-A GF-SU02 TO 08-SOUTH 2F-SU35 4F-SU02 TO 07 4F-SU02 TO 07 GF-SU02 TO 08-SOUTH 2F-SU35 4F-SU02 TO 07 4F-SU02 TO 07 GF-SU0. 02 TO 15-NORTH 2F-SU43, 44, 8.04, 4F-SU03 4F-SU03 GF-SU4, 37,8.38 3F-SU01 TO SU33 4F-SU03 4F-SU03 GF-SU4, 37,8.38 3F-SU01 TO SU33 4F-SU03 4F-SU03 ZF-SU01 3F-SU01 3F-SU01 4F-SU03 4F-SU03 ZF-SU01 3F-SU03 3F-SU03 4F-SU03 4F-SU03 4F-SU03 ZF-SU01 3F-SU03 3F-SU03 3F-SU03 4F-SU03 4F-SU03	ENCE ROOM, GRC	STUDIO & HDCP UNITS, GRND-5TH FLR BLDG-A GF-SU01-NORTH 2F-SU19 5F-SU01 5F-SU30 5F-SU30 GF-SU01-NORTH 2F-SU19 5F-SU01 5F-SU30 5F-SU30 GF-SU06-SOUTH 2F-SU19 5F-SU01 5F-SU30 5F-SU30 GF-SU16 3F-SU19 5F-SU01 5F-SU30 5F-SU30 GF-SU16 3F-SU10 5F-SU07 5F-SU30 5F-SU30 GF-SU16 3F-SU06 5F-SU07 5F-SU30 5F-SU30 GF-SU16 3F-SU10 5F-SU07 5F-SU30 5F-SU30 GF-SU30 4F-SU1 5F-SU37 5F-SU37 5F-SU37 GF-SU30 4F-SU1 5F-SU37 5F-SU37 5F-SU37 GF-SU30 8F-SU20 5F-SU377 5F-SU377 5F-SU377 GF-SU30 8F-SU20 5F-SU377 5F-SU377 5F-SU377 GF-SU30 8F-SU20 5F-SU377 5F-SU377 5F-SU377 GF-SU30 8F-SU20 5F-SU377 5F-SU377 5F-SU377	2F - SU34 3F - SU32 4F - SU31		LOCATION OR AREA SERVED	STUDIO & HDCP UNITS, GRND-4TH FLR BLDG-B GF-SU01 EAST 2F-SU38 3F-SU44 4F-SU46TO51 GF-SU01 EAST 2F-SU46 3F-SU44 4F-SU46TO51 GF-SU24 2F-SU46 3F-SU46 5F-SU46 4F-SU46TO51 GF-SU20 2F-SU46 3F-SU46-52 4F-SU46 4F-SU46 GF-SU20 2F-SU46 3F-SU46-52 4F-SU46 4F-SU46 GF-SU20 2F-SU46 3F-SU46-52 4F-SU46 4F-SU46 GFSU-44, 40TO48 3F-SU46-56 4F-SU46 4F-SU46 4F-SU46 ZF-SU01 3F-SU06 4F-SU46 4F-SU46 4F-SU46 4F-SU46 ZF-SU01 3F-SU06 4F-SU46 4F-SU46 4F-SU46 4F-SU46 ZF-SU37 3F-SU36TO43 3F-SU36TO43 4F-SU46 4F-SU46 4F-SU46 ZF-SU37 3F-SU36TO43 4F-SU46 4F-SU46 4F-SU46 4F-SU46	DUND FLR E	STUDIO & HDCP UNITS, GRND-5TH FLR BLDG-B GF-SU06 027010, & 2F-SU0840 4F-SU14 5F-SU42 GF13T016 2F-SU18 4F-SU14 5F-SU42 GF SU118,12 2F-SU16 4F-SU13 5F-SU42 GF - SU118,12 2F-SU16 6F-SU13 5F-SU43 GF - SU118,12 3F-SU05 6F-SU13 5F-SU43 GF-SU17 3F-SU16 5F-SU13 5F-SU33 GF-SU33 3F-SU16 5F-SU14 7S-SU05 GF-SU33 3F-SU16 5F-SU13 5F-SU03 GF-SU33 5F-SU33 5F-SU03 5F-SU02 GF-SU33 5F-SU34 70.41 5F-SU02	STUDIO & HDCP UNITS, CRND-5TH FLR BLDG-B GF-SU01 WEST 2P-SU01 4P-SU01 5F-SU01 GF-SU49 3F-SU01 4P-SU01 5F-SU01 GF-SU49 3F-SU01 5F-SU01 5F-SU01	AIRCONDITIONING UNIT		LOCATION OR AREA SERVED	GARBAGE COLD STO., GRND FLOOR BLDG-C			LOCATION OR AREA SERVED	STORAGE AREA, SECOND FLOOR BLDG-C	AIRCONDITIONING UNITS (ELECTRONICS ROOM BACK-UP UNIT)	LOCATION OR AREA SERVED	ELECTRONICS ROOM (BACK-UP UNITS)-BLD'G. A&B	ED AND VALIDATED BY:	
YPE AIR	NITS	UNITS	UNIT	UNITS	L LYPE AIF		UNITS	NNTS	UNIT UNIT	UNITS	UNITS	TYPE AIF		UNITS	LIND			UNITS	UNIT	TYPE AIF	UNITS	SETS	REVIEWED	8118498 MANILA
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BUILDING A	EQUIPMENT TAG OR UNIT DESIGNATION	<u>VII</u>	(inc.)	(10) (20) (20) (20)	BUILDING B		EQUIPMENT TAG OR UNIT DESIGNATION	(INN)	(usc. 01) 02)	(MAC)	(SO)	BUILDING C		EQUIPMENT TAG OR UNIT DESIGNATION	(mc)	BUILDING C	EXTERNEL TAX OD	UNIT DESIGNATION		BUILDING A	EQUIPMENT TAG OR UNIT DESIGNATION	HI HI	PARED RY.	EX-FIL CORPORATION LA - DAVAO - CEBU - ILOILO
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ELECTRICAL CHARACTERISTICS	PHASE	**	-		-	ELECTRICAL CHARACTERISTICS	PHASE				-		ELECTRICAL CHARACTERISTICS	S PHASI	-		CHARACTERISTICS	Ha		NN dr	POWER CONSUMPTIC (KW)	1.54	T BUILDERS
	NO	220		220	-	EL	NOI		220		220		ł	PTION VOLTS	220		ł	NO	220	3ACK-I	DRAWN, REF. SIZE, TYPE L GAS (MM)		DAR HEBAT BUILDEF
_	POWER CONSUMPT (KW)	1.21	1.21	1.70	-		CONSUMPT	1.21	1.21	1.77	2.1			CONSUMPT (KW)	1.70		+	OW COI	20 20	OOME	DOR PIPE LIQUID R) (MM)	6.40	BAN
CAPACITY	COOLING (HP)	1. 2.	1.5	2.0		CAPACITY INDOOR	COOLING	1.5	1.5 1.5	2.0	2.5		INDOOR	(HP)	7		CAPACITY	SIZE AIR FL (IN.) (CMM	36 36 36 10 37 1	ONICS R	CAPACITY INDOOR/OUTDC COOLING (BTU/HR) (KJ/H		SUBMITTED BY:
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	POWER	1.21	1.21 1.21 1.70	51			POWER CONSUMPTION (KW)	1.21	1.21	1.70	2.1			POWER CONSUMPTION (KW)	1.70			POWER CONSUMPTIC (W)	20 20 20	OM BA	HARD DR/ PIPE SIZE LIQUID	(mm) 6.4ø	BANDAR
CAPACITY	COOLING	(HP) 1.5	1.5 1.5 2.0	2.5		CAPACITY INDOOR	COOLING (HP)	1.5	1.5 1.5	2.0	2.5		CAPACITY INDOOR	COOLING (HP)	2		CAPACITY	SIZE AIR FLOW (IN.) (CMM)	36 36 36	ONICS RO	CAPACITY INDOOR/OUTDOOR COOLING COOLING	(BIU/HK) (KU/HK) 17,999 (18,990)	SUBMITTED BY:
	LOCATION OR AREA SERVED	STUDIO & HDCP UNITS, GRND-4TH FLR BLDG-A 6F-sub2T0 08 - soUTH 2F-sub5 4F- sub2T0 07 4F- sub2T0 07 6F-sub2T0 08 - soUTH 2F-sub5 4F- sub2T0 07 4F- sub2T0 07 6F-sub3 38 TO 46, 33 TO 36 2F-sub3 44, 804, 4F- sub6 4F- sub0 4F- sub0 6F-sub1 77, 8 38 3F-sub1 01 016 4F- sub1 010 17 4F- sub3 7F-sub1 73/83 3F-sub1 0010 16 4F- sub3 4F- sub3 7F-sub1 73/83 3F-sub1 0010 16 4F- sub3 4F- sub3 7F-sub1 70 08- soUTH 3F-sub1 70 08 4F- sub3 4F- sub3 2F-sub1 10 17, & sub2-NORTH 3F- sub1 70 083 3F- sub1 70 083 4F- sub3 2F-sub1 10 17, & sub2-NORTH 3F- sub1 70 083 3F- sub1 70 084 4F- sub3	RENCE ROOM, GROUND FLOOR GROUND FLOOR BLDG-A & HDCP UNITS, GRND-5TH FI -NORTH 2F-SU09 5F-SU00 -SOUTH 2F-SU09 5F-SU00 3F-SU03 3F-SU09 5F-SU00 810 29, 85003 3F-SU00 5F-SU00	4F- SU1 4F- SU20 F- SU34 3F - SU32	AIRCONDITIONING UNITS		LOCATION OR AREA SERVED	STUDIO & HDCP UNITS, GRND-4TH FLR BLDG-B GF-SU01 EAST 2F-SU46 3F-SU44 4F-SU46TO51 GF-SU01 2F-SU46 3F-SU46 4F-SU46TO51 GF-SU24, 02TO 28 2F-SU46 3F-SU46 4F-SU46TO51 GF-SU30 2F-SU46 3F-SU46 4F-SU45 GF-SU30 2F-SU46 3F-SU46 4F-SU45 GF-SU30 2F-SU46 3F-SU46-52 4F-SU45 GF-SU30 2F-SU46 3F-SU46-52 4F-SU45 GFSU-44,40T0 48 3F-SU03 2F-SU46-52 4F-SU07TO 14 2F-SU01 3F-SU02TO 06, 8 4F-SU67 4F-SU65 2F-SU30 3F-SU03TO 06, 8 4F-SU65 4F-SU65 2F-SU37 3F-SU36TO 43 4F-SU36 4F-SU44 2F-SU37 3F-SU36TO 43 4F-SU44 4F-SU44	ROOM, GROUND FLR I	STUDIO & HDCP UNITS, GRND-5TH FLR BLDG-B GF-SU06,02 TO 10, & 2F-SU08 & 10 4F-SU06 & 6F 5F-SU42 GF13 TO 16 2F-SU08 & 10 4F-SU06 & 6F 5F-SU42 GF-SU06,02 TO 10, & 2F-SU08 & 4F-SU05 & 6F-SU42 6F-SU42 GF-SU11 & 12 2F-SU66 4F-SU62 5F-SU43 GF-SU17 3F-SU06 & 6F-SU13 5F-SU43 6F-SU33 GF-SU31 3F-SU16 5F-SU13 5F-SU06 TO 11, & SU02 GF-SU33 3F-SU53 5F-SU33 5F-SU05 TO 11, & SU02 GF-SU33 5F-SU34 5F-SU05 TO 11, & SU02 5F-SU05 TO 11, & SU02	STUDIO & HDCP UNITS, CRND-5TH FLR BLDG-B GF-SU01 WEST 2F-SU01 4F-SU01 5F-SU01 GF-SU49 3F-SU01 4F-SU01 5F-SU01 GF-SU49 3F-SU01 5F-SU01	AIRCONDITIONING UNIT		LOCATION OR AREA SERVED	CARBAGE COLD STO., CRND FLOOR BLDG-C			LOCATION OR AREA SERVED	ATHLETE'S DINING AREA, GROUND FLR BLDG-C STORAGE AREA, SECOND FLOOR BLDG-C LOUNGE	AIRCONDITIONING UNITS (ELECTRONICS ROOM BACK-UP UNIT)	LOCATION OR AREA SERVED	ELECTRONICS ROOM (BACK-UP UNITS)-BLD'G. A&B	ED AND VALIDATED BY: FILIPINAS DRAVO CORPORATION Architectural & Engineering Consultants Architectural & Engineering Consultants Filipines 111 (6350, 421–2571 to 74, restle. www.fildrovo.com
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AIRCONDITIONING UNITS	LOCATION OR AREA SERVED	STUDIO & HDCP UNITS, GRND-4TH FLR BLDG-A GF-suo2 TO 08- SOUTH ZF-sub5 4F-su02 TO 07 4F-su02 TO 07 GF-suo2 TO 06- SOUTH ZF-sub5 4F-su02 TO 07 4F-su08 GF-suo3 39 TO 46, 33 TO 36 ZF-sub3 44, 8.04, 4F-su08 4F-su08 GF-su04, 37, 8.38 ZF-sub3 74, 8.04, 4F-su08 4F-su08 GF-su04 ZF-su07 0 su33 4F-su07 0 17 GF-su04 ZF-su06 4F-su07 0 17 GF-su04 ZF-su07 0 su33 4F-su08 0 17 ZF-su04 SF-su06 4F-su20 TO su30 ZF-su04 SF-su06 4F-su20 0 su30 ZF-su07 SF-su07 0 su31 3F-su08 ZF-su04 SF-su06 4F-su20, 41, & 51 ZF-su01 SF-su07 0 su31 3F-su08 ZF-su11 SF-su07 0 su31 3F-su03 ZF-su18 SF-su07 0 su31 3F-su04, 42, & 04	CONFERENCE ROOM, GROUND FLOOR BLDG-A	GROUND FLOUR BLUG-A & HDCP UNITS, GRND-5TH FLR BL NORTH 2F-SU19 5F-SU01 SF-SU01 SOUTH 2F-SU19 5F-SU01 SF-SU01 SOUTH 2F-SU19 5F-SU01 SF-SU01 SOUTH 2F-SU19 5F-SU01 SF-SU01 TO 28, & SU03 3F-SU01 5F-SU07 SF AF-SU1 5F-SU19 5F-SU19 SF WO 3F-SU03 5F-SU19 SF AF-SU1 5F-SU19 SF-SU19 SF & HDCP UNITS, GRND-STH FLR BL	GF-SU04 2F-SU34 3F-SU29 4F-SU31 5F-SU29 6F-SU29		LOCATION OR AREA SERVED	STUDIO & HDCP UNITS, GRND-4TH FLR BLDG-B GF-SU01-EAST 2F-SU38 3F-SU44 4F-SU46TO51 GF-SU01-EAST 2F-SU48 3F-SU44 4F-SU46TO51 GF-SU24, 02 TO 29 2F-SU48 3F-SU46-52 4F-SU45 GF-SU24, 02 TO 29 2F-SU48-52 3F-SU46-52 4F-SU45 GFSU-44, 40TO 48 3F-SU46-52 4F-SU45 4F-SU45 ZF-SU01 8F-SU01 4F-SU45 4F-SU45 ZF-SU03 2F-SU03 4F-SU45 4F-SU45 ZF-SU04 4F-SU45 4F-SU45 4F-SU45 ZF-SU03 3F-SU03 4F-SU45 4F-SU45 ZF-SU46 4F-SU45 4F-SU45 4F-SU45 ZF-SU46 4F-SU45 4F-SU45 4F-SU45 ZF-SU45 3F-SU46-54 4F-SU45 4F-SU45 ZF-SU46 4F-SU45 4F-SU45 4F-SU45 ZF-SU45 3F-SU46-54 4F-SU45 4F-SU45 ZF-SU45 3F-SU46-54 4F-SU45 4F-SU45	ROOM, GROUND FLR E	HDCP UNITS, GRND–5TH 0 10, & 2F-SU09&10 4F-S 2F-SU66 4F-S 3F-SU66 5F-4 3F-SU63 5F-6 3F-SU63 5F-6 3F-SU53 5F-6	ш.	AIRCONDITIONING UNIT		LOCATION OR AREA SERVED	GARBAGE COLD STO., GRND FLOOR BLDG-C			LOCATION OR AREA SERVED SIZE (IN.	ATHLETE'S DINING AREA, GROUND FLR BLDG-C 36 STORAGE AREA, SECOND FLOOR BLDG-C 36 LOUNGE 38	AIRCONDITIONING UNITS (ELECTRONICS ROOM BACK-UP UNIT)	IN LOCATION OR AREA SERVED	ELECTRONICS ROOM (BACK-UP UNITS)-BLD'G. A&B	AND VALIDATED RV.	FILIPINAS DRAVO CORPORATION Architectural & Engineening Consultants fin Floor Aurora Milestone Blod, 1045 Aurora Blod, Queson City Findepines 111 Tel. (632), 421-2571 to 74, Faurora Blod, Queson City Findepines 111 Tel. (632), 421-2571 to 74, Faurora Blod, Queson City Findepines 111 Tel. (632), 421-2571 to 74, Faurora Blod, Queson City Findepines 111 Tel. (632), 421-2571 to 74, Faurora Blod, Queson City Findepines 111 Tel. (632), 421-2571 to 74, Faurora Blod, Queson City Findepines 111 Tel. (632), 421-2571 to 74, Faurora Blod, Queson City Findepines 111 Tel. (632), 421-2571 to 74, Faurora Blod, Queson City Findepines 111 Tel. (632), 421-2571 to 74, Faurora Blod, Queson City Findepines 111 Tel. (632), 421-2571 to 74, Faurora Blod, Queson City Findepines 111 Tel. (632), 421-2571 to 74, Faurora Blod, Queson City Findepines 111 Tel. (632), 421-2571 to 74, Faurora Blod, Queson City Findepines 111 Tel. (632), 421-2571 to 74, Faurora Blod, Gueson City Findepines 111 Tel. (632), 421-2571 to 74, Faurora Blod, Gueson City Findepines 111 Tel. (632), 421-2571 to 74, Faurora Blod, Gueson City Findepines 111 Tel. (74, 74, 74, 74, 74, 74, 74, 74, 74, 74,
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MENT SCHEDUL	NTIL	NG	FANS						BUILDING A & B - GENERAL TOILET	EXHAUST FANS			
BUILDING A - FRESH & EXHAUST AIR VE	VENTILATING FANS		EXTERNAL STATIC	ELECTRICAL						DESIGN AND DESCRIPTIONS MANUFACTURER NAME & TYPE	AIR FLOW RATE	EXTERNAL STATIC FAN CHARGTERICAL	ir selection size/
EQUIPMENT TAGOR UNIT DESIGNATION UNIT DESIGNATION	ON OR AREA SERVED	CAPACITY CFM (CMH)	PRESSURE	CHARACTERISTICS	CYOLE			REMARKS	VARIOUS TOILET EXHAUST FANS (SYSTEM 01 TO 03)	(NIAGARA FAN DESCRIPTION)	CFM (CMH)	MOTOR (HP)	MODEL
FAF-B-A1 1 UNIT BASEMEN	RENT PUMP RM- BLDG - A	4500 (7650)	0.5		80			NUFACTURER	TEF-GF-A1; TEF-GF-A2 System 01 2 UNITS GL-A23-AC - BLDG. A	NIAGARA CEILLING CASSETTE FAN	50 (85)	24VV 230 1	NIA 120 AS PER MANUFACTURE APPROXIMATE / EQUAL POWEI
1 UNIT LOCAT	FION: 2F AND AREA SERVED BASEMENT RM - BLDG - A	4500 (7650)	0.5		09			NUFACTURER E/EQUAL POWER RATING	GF-B1; TEF-GF-B2 System 01	NIAGARA CEILLING CASSETTE FAN	50 (85)	24W 230	120 APPR
STINU	TH FLOOR PANTRY BLDG-A	110 (187)	40 PASCALS		60			TE/EQUAL POWER RATING	GF-A3, IEF-GF-A4, System 02 4 UNITS STUE -2F-A1, TEF-ZF-A2 System 02 4 UNITS GL-A.21	NIAGARA CEILLING CASSETTE FAN	50 (85)	24W 230 1	NIA 120 AS PER MANUFACTURER APPROXIMATE / EQUAL POWER RATIN AS PED MANITEACTURED
2 2	ENSET KM, BLUG-A RANSFORMER RM, BLDG-A		1	-	09			- UNIT	UNITS STUL GL-B.21 VARIC	NIAGARA CEILLING CASSETTE FAN	50 (85)	24W 230 1	APPR
1 UNIT GF C	LINIC (PATIENT, NURSE AND TOR RM), BLDG - A	50 (85)	0.04	-	80			E/EQUAL POWER RATING	EAF-S3-4F-A1 System 03 1 UNIT (6UNITS) @ CLA19-AC - BLDG A VARIOUS STUDIO FAT CO AF DA CARTON STUDIO	NIAGARA CENTRIFUGAL INLINE FAN	300 (510)	0 9	GCIL 200 APPROXIMATE / EQUAL POWER R AS PER MANUFACTURER
1 UNIT GF O	FICE RM, BLDG - A	30 (51)	0.04	220	60	25W WAL	WALL MOUNTED SUPPLY AIR FAN WITH ELEC. 1 PHASE SPEED CONTROLLER. AS PER MANI / (NIAGARA WALL MOUNTED EXHAUST FAN) (NIA-WMEF-6) WAIL MOINTED SUPPLY AIR FAN WITH FLEC. 1 PHASE SPEED CONTROLLER. AS PER MANI	AS PER MANUFACTURER APPROXIMATE/EQUAL POWER RATING AS PER MANUFACTURER	-35-4F-B1 Oystem of CLB 19 LLET VENTILATING FANS - CENTRALIZED SYSTEM:	NIAGAKA CENIKITUGAL INUNE FAN	300 (510)	230 1	GUIL 200 APPROXIMATE / EQUAL POWE
TIND	= RM, BLDG -	60 (102)	0.04	+	ng			TE/EQUAL POWER RATING	EAF-S4-RD-A1; System 04 2 UNITS UNITS UNIT BLD'G A 8.B.	NIAGARA / NYB GPA FAN (BI SISW)	4150 (7055)	375(1.5) 2 400 3 60	20" APPROXIMATE / FOUAL POWER R
HKEF-2F-A2, HKEF-3F-A2, HKEF-3F-A2, HKEF-3F-A2, HKEF-3F-A2, HKEF-3F-A2, HKEF-3F-A1, HKEF-4F-A1, HKEF-4F-A2, HKEF-4F-A1,	GF - KU POUSE REEFING ROOM - BLDG A	20 (34)	20 PASCALS	220	09			AS PER MANUFACTURER APPROXIMATE/EQUAL POWER RATING	-SF-RU-B1 System 05 1 UNIT (NIAGARA / NYB GPA FAN (BI SISW)	4200 (7140)	2 400 3	APPRO
HKEF-5F-A2; HKEF-RD-A				+ voo	ç	DEW WAL	HAUST FAN / (NIAGARA WALL MOUNTED EXHAUST FAN)	AS PER MANUFACTURER	1 UNIT		2060 (8715)	, c	
RD-A I UNIT ROO	DG-A	20 (34)	0.04	220	00		(NIA-WMEF-6) APPROXIMATE APPROXIMATE	TE/EQUAL POWER RATING	-Oc-KU-EQ System Ob	NIAGARA / NYB GPA FAN (BI SISW)	(01/0) 0060	2 400 3	ZU' APPROXIMATE / EQUAL POWE
BUILDING B - FRESH & EXHAUST AIR VI	VENTILATING FANS	<i>S</i>							EAF-S5-RD-A2 System os 1 UNIT UUNIT BLD'G A - REFER TO PLANS	NIAGARA / NYB GPA FAN (BI SISM)	4050 (6885)	375 (1.5) 2 400 3 60	20" APPROXIMATE / EQUAL POWER RATING
EQUIPMENT TAG OR OLJANTITY UNIT I OCATIO	TION ZAREA SERVED	CAPACITY	EXTERNAL STATIC PRESSURE	ELECTRICAL CHARACTERISTICS		POWER	TYPE / DESCRIPTION/YCITE / MODEL)	RFMARKS	EAF-S6-RD-A3 System 06 1 UNIT UNIT BLD'G A- REFER TO PLANS	NIAGARA / NYB GPA FAN (BI SISM)	3900 (6630)	375(1.5) 2 400 3 60	20" AS PER MANUFACTURER APPROXIMATE / EQUAL POWER RATING
UNIT DESIGNATION		CFM (CMH)	IWG	VOLTS PHASE	CYCLE	đH	/ model/		VARIOUS TOILET EXHAUST FANS (SYSTEM 07, 09, AND SINGLE UNIT)		-	-	-
UNITS 2ND-	STH FLR PANTRY BLDG-B	(18	40 PASCALS	220 1	60		EILING CASSETTE EXHAUST FAN / (NIAGARA CEILING CASSETTE FAN) AS PER MANUFACTURE 14 160)	NUFACTURER E/EQUAL POWER RATING	EAF-S7-4F-A6, System 07 2 UNITS BLD'G A & B, REFER TO	NIAGARA CENTRIFUGAL INLINE FAN	300 (595)	90 (0.36) 150W 230 1 60	GCIL 200 AS PER MANUFACTURER
2 UNITS GF,	ENSET RM,	î	1		60			R UNIT	F-A6; System 08 3 UNITS	NIAGARA CEILLING CASSETTE FAN	50 (85)	24W 230 1	IIA 120 ADDROXIMATE / EQUAL FOUND
2 UNITS GF	RANSFORMER RM.	ï	3		60			R UNIT	-2F-A3 5; TEF-GF-B6; System 08 3 UNITS	NIAGARA CEILLING CASSETTE FAN	50 (85)	230 1	APPK
1 UNIT GF	E RM, BLDG - B	30 (51)	0.04	220 1	09	25W WAI	WALL MOUNTED SUPPLY AIR FAN WITH ELEC. 1 PHASE SPEED CONTROLLER. AS PER MAN / (NIAGARA WALL MOUNTED EXHAUST FAN) (NIA-WMEF-6) APPROXIMATE WALL MOUNTED SUPPLY AIR FAN WITH ELEC. 1 PHASE SPEED CONTROLLER. AS PER MAN	ANUFACTUREN TE/EQUAL POWER RATING ANUFACTURER	5F-B7 single 2 UNITS EXERCISE RM- TONITY FRIDA	NIAGARA CEILLING CASSETTE FAN	150 (255)	48W 230 1	
IKEF-2F-B1: GF	EKENCE KM, BL DUSE KEEPING	60 (102)	0.04		00			APPROXIMATE/EQUAL POWER RATING AS PER MANUFACTURER	-GE-A8, TEF-GF-B8 sincle 2 UNITS	NIAGARA CEILLING CASSETTE FAN	200 (340)	30 (0.12) 65W 230 1 60	APPRO
HKEF-2F-82; HKEF-3F-87; HKEF-3F-82; HKEF-4F-81; HKEF-4F-81; HKEF-4F-82; HKEF-6F-81; HKEF-4F-82; HKEF-6F-81; HKEF-6F-82; HKEF-80-81; HKEF-6F-82; HKEF-80-81; HKEF-87-82; HKEF-80-81; HKEF-87-82; HKEF-80-81; HKEF-87-82; HKF-87-82; HKF-87-87-82; HKF-87-87-82; HKF-87-87-82; HKF-87-87-82; HKF-87-87-82; HKF-87-87-82; HKF-87-87-82; HKF-87-87-82; HKF-87-87-87-82; HKF-87-87-87-82; HKF-87-87-82; HKF-87-87-87-82; HKF-87-87-87-87-87-87-87-87-87-87-87-87-87-	DM - BLDG. B	20 (34)	20 PASCALS	077	00		ITING	JE/EQUAL POWER RATING	TEF-5F-A1; TEF-5F-B1 SINGLE 2 UNITS 5F COMMON TOILET - UNITS 5F COMMON TOILET -	NIAGARA CEILLING CASSETTE FAN	50 (85)	24W 230 1	NIA 120 AS PER MANUFACTURER APPROXIMATE / EQUAL POWER
5	DECK EE RM, BLDG - B	20 (34)	0.04	220	60	25W 0	WALL MOUNTED EXHAUST FAN / (NIAGARA WALL MOUNTED EXHAUST FAN) AS PER MAN (NIA-WMEF-6) APPROXIMATE	AS PER MANUFACTURER APPROXIMATE/EQUAL POWER RATING	OTE: EFFICIENT PERFORMANCE VERIFIED BY MANUFACTURER				
BUILDING C - FRESH & EXHAUST AIR V	VENTILATING FANS	S											
		CAPACITY	EXTERNAL STATIC PRESSURE	ELECTRICAL CHARACTERISTICS		POWER			BUILDING A & B - FRESH AIR FANS				
EQUIPMENT TAGOR QUANTITY UNIT LOCAT	SATION/AREA SERVED	CEM (CMU)	IMC		CYCLE	an an	UNIT DESCRIPTION (MANUFACTURER TYPE/DESCRIPTION)(SIZE/MODEL) REM	REMARKS	MENT	DESIGN AND DESCRIPTIONS			ER SELECTION
-	CARDEN BLDG-C	12000 (20400)	2.0	400 3		10	/ NYB GENERAL PURPOSE FAN (BI-SISW) (33")	NUFACTURER F FEDILAI POWFR RATING	UNIT DESIGNATION SYSTEM QTY UNIT LOCATION OR AREA NO.	MANUFACTURER NAME & TYPE (NIAGARA FAN DESCRIPTION)	AIR FLOW RATE CFM (CMH)	MOTOR CHARACT (HP) VOLT PH	MODEL
KEB-02 1 UNIT DECK G		15000 (25500)	1.5		00	10	PURPOSE FAN (BI-SISW) (36")	AS PER MANUFACTURER APPROXIMATE/EQUAL POWER RATING	T051				-
		Picies and a subsequence of						NUFACTURER		NIAGARA / NYB FC-DIDW FAN WITH CABINIEI (DIRECT)	1200 (2040)	150 (0.6) 250W 230 1 60	9" APPROXIMATE / EQUAL POWE
TEF-GF-C1 1 UNIT GF FEM	MALE FUILET BLDG-C FEMALE TOILET BLDG-C	150 (255) 100 (170)	40 PASCALS 25 PASCALS	220 1	09	46W 26W	CASSETTE FAN) (NIA 160) APPROXIMATE CEILING CASSETTE EXHAUST FAN / (NIAGARA CEILING ASSETTE EXHAUST FAN / (NIAGARA CEILING ASSETTE EXHIVIATE) APPROXIMATE	APPROXIMATE/EQUAL POWER RATING AS PER MANUFACTURER APPROXIMATE /ECITAL POWER RATING	> -	NIAGARA / NYB FC-DIDW FAN WITH CABINIET (DIRECT)	922 (1568)	150 (0.6) 250WV 230 1 60	9" APPROXIMATE / EQUAL POWER R
C3 1 UNIT GF	DCP TOILET BLDG-C	50 (85)	25 PASCALS	220 1	60	24W		ANUFACTURER TE/EQUAL POWER RATING	FAF-GF-A3 System 10 1 UNIT VARIOUS STUDIO	NIAGARA / NYB FC-DIDW FAN WITH CABINIET (DIRECT)	1140 (1938)	150 (0.6) 250W 230 1 60	9" APPROXIMATE / EQUAL POWER R
TEF-2F-C1 1 UNIT 2F MAL	MALE TOILET BLDG-C	150 (255)	40 PASCALS	220 1	60	48W		ANUFACTURER TE/EQUAL POWER RATING		NIAGARA / NYB FG-DIDW FAN WITH CABINET	1140 (1938)	150 (0.6) 250W 230 1 60	9" APPROXIMATE / FOLIAL POWER R
1 UNIT 2F	E TOILET BLDG	100 (170)	25 PASCALS	220 1	09	26W		TE/EQUAL POWER RATING	System 11 1 UNIT HALLW	NIAGARA / NYB FG-DIDWFAN WITH CABINIET	ICA PCI DACT		AS PER MANUFACTU
1EF-2F-C3 1 UNI 2F HDC		(68) 06	20 FASCALS	-	00	Z4W		TE/EQUAL POWER RATING	UNIT UNIT	(DIRECT)	(s	-	APPRO
WEF-GF-C1 1 UNIT GF DEL	ELIVERY & SORTING AND GE "B" AREA, BLDG - C	160 (272)	10 PASCALS	220 1	60	25W		PROOF - AS PER MANUFACTURER TE/EQUAL POWER RATING	FAF-3F-A1, FAF-3F-A2 System 12 2 UNIT VARIOUS STUDIO UNIT - BLDG, A	NIAGAKA/ NYB FC-DIDVY FAN WITH CABINIEL (DIRECT)	1050 (1785)	150 (0.6) 250W 230 1 60	9" APPROXIMATE / EQUAL POWER
1 UNIT GF	: STORAGE "A" AREA, BLDG - C	50 (85)	10 PASCALS	220 1	80	25W		TE/EQUAL POWER RATING	FAF-3F-A3 System 12 1 UNIT HALLWAY DEFORM	NIAGARA / NYB FC-DIDW FAN WITH CABINIET (DIRECT)	1200 (2040)	150 (0.6) 250W 230 1 60	9" APPROXIMATE / EQUAL POWER F
EF-GF-C1 1 UNIT 0	GF GARBAGE & WASHIG AKEA, AND COLD GARGAGE, BLDG - C	200 (340)	30 PASCALS	220 1	09	65W		ANUTACIUREN ATE/EQUAL POWER RATING I PROOF - AS PER MANUFACTURER	FAF-4F-A1, FAF-4F-A2 System 13 2 UNIT VARIOUS STUDIO UNIT - BLDG A	NIAGARA / NYB FC-DIDWFAN WITH CABINIET (DIRECT)	990 (1683)	150 (0.6) 250W 230 1 60	9" APPROXIMATE / EQUAL POWER R
CZ; WSAF-GF-C3 3 UNITS OF D C1 1 UNIT 2ND	FLR, STORAGE RM, BI	60 (102) 260 (442)	10 PASCALS	220 1	8 8	26W		ATE/EQUAL POWER RATING PROOF - AS PER MANUFACTURER TF/FOUIAL POWER RATING		NIAGARA / NYB FC-DIDWFAN WITH CABINIET (DIRECT)	1140 (1938)	150 (0.6) 250 VV 230 1 80	9" AS PER MANUFACTURER APPROXIMATE / EQUAL POWER F
1 UNIT	<1	260 (442)	10 PASCALS	220 1	60	26W		PROOF - AS PER MANUFACTURER TE/EQUAL POWER RATING	VAY 01 F	NIAGARA / NYB FC-DIDW FAN WITH CABINIET	060 (1630)		AS PER MANUFACTU
C3 2 UNITS	2ND FLR, WASHING AND DRYER AREA, BLDG-C	1600 (2720)	20 PASCALS	220 1	09	155W		ATE/EQUAL POWER MANUFACTURER ATE/EQUAL POWER RATING	UNIT - BLD	(DIRECT) NIAGARA / NYR FC. DIDW FAN WITH CARINIET		-	APPRO
2F-C3 22 UNITS	N. BLDG-C	1600 (2720)	20 PASCALS	220 1	60	155W	W/ FRONT REAR GUARD) (NBX 40) WALL MOUNTED EXHAUST FAN / (NIAGARA EXHAUST FAN W/ EXPLOSION F	APPROXIMATE/EQUAL POWER RATING EXPLOSION PROOF - AS PER MANUFACTURER	FAIT-5F-A3 VARIOUS STUDIO UNIT - BLDG. A	(DIRECT)	1080 (1839)	00 1 2200M 230 (am) net	9" APPROXIMATE / EQUAL POWER F
	FLR, LAUNDRY AREA, BLDG-	1450 (2465)	20 PASCALS	220	09	170W		ATE/EQUAL POWER RATING PRODF - AS PER MANUFACTURER TE/ECUIMI DOWED BATING	FRESHAIR FANS (GROUND FLOOR TO 5TH FLOOR) - BUILDING. B				
C2; C4; C4;	RY & SORTING AREA.CC				Ce	1	6")	AS PER MANUFACTURER	FAF-GF-B1 System 10 1 UNIT HAILWAY OF FOR VARIOUS STUDIO UNIT - BLD'G. B	NIAGARA / NYB FC-DIDW FAN WITH CABINIET (DIRECT)	1200 (2040)	150 (0.6) 250W 230 1 60	9" APPROXIMATE / EQUAL POWER F
	AGE, CARBAGE COLD STORAGE						MOUNT WIRED SPEED CONTROLLER	ATE/EQUAL POWER RATING	FAF-GF-B2 System 10 1 UNIT HALLWAY OF FOR VARIOUS STUDIO	NIAGARA / NYB FC-DIDWFAN WITH CABINIET (DIRECT)	922 (1568)	150 (0.6) 250W 230 1 60	9" APPROXIMATE / EQUAL POWER R
OF-2F-C1; OF-2F-C2; OF-2F-C3 3 UNITS LAUNDF	WASHING, DRYING, AND UNDRY AREA	Ļ	ſ	1 1	60	T:	N METAL BLADE (16")	AS PER MANUFACTURER APPROXIMATE/EQUAL POWER RATING	FAF-GF-B3 System 10 1 UNIT HALLWAY 02FOR UNIT-BLDG B	NIAGARA / NYB FC-DIDW FAN WITH CABINIET (DIRECT)	1140 (1938)	150 (0.6) 250M 230 1 60	9" APPROXIMATE / EQUAL POWER R
UNITS GF &	& 2F EE RM, BLDG-C	20 (34)	20 PASCALS		90	24W		ANUFACTURER TE/EQUAL POWER RATING	FAF-2F-B1; FAF-2F-B2 System 11 2 UNIT VARIOUS STUDIO	NIAGARA / NYB FC-DIDW FAN WITH CABINIET	1140 (1938)	150 (0.6) 250W 230 1 60	g" AS PER MANUFACTURER APPROXIMATE / FOLIAL POWER R
GF-C3 1 UNIT GRND	FLR, PUMP	260 (442)	10 PASCALS	220 1	60	26W	WALL MOUNTED EXHAUST FAN / (KDK WALL AS PER MAY MTD. EXHAUST FAN W/ SHUTTER) (20ALH) APPROXIMAT CEILING CASSETTE EXHAUST FAN / AS PER MAY	AS PER MANUFACTURER APPROXIMATE/EQUAL POWER RATING AS PER MANUFACTURER	System 11 1 UNIT	NIAGARA / NYB FC-DIDWFAN WITH CABINIET	1260 (21142)	250W 230 1	
HKEF-2F-C1 1 UNIT 2F HK	HK RM, BLDG-C	20 (34)	20 PASUALS		00	24W		ATE/EQUAL POWER RATING	UNIT - BLE HALLWAY 0	(DIRECT) NIAGARA / NYB FC-DIDW FAN WITH CABINIET			ONHA
NUFACTURER			9						1; FAF-3F-B2 system 12 2 own	. 1	1050 (1785)	6) 250W 230 1	APPRO
BUILDING A & B - SMOKE EV	VACUATION VENTIC	A LING F	ANS						FAF-3F-B3 System 12 1 UNIT VARIOUS STUDIO UNIT - BLD/G. B	NIAGARA / NYB FC-UIDW FAN WITH CABINIEL (DIRECT)	1200 (2040)	150 (0.6) 250W 230 1 60	9" APPROXIMATE / EQUAL POWER RATING
EQUIPMENT TAG OR EVSTEM	UNIT DESIGN AND DESCRIPTIC MANUFACTURE	DNS R NAME& TYPE	EX	2	MANUFACTURER SELEC ICAL SIZE/	NOIL			FAF-4F-B1; FAF-4F-B2 System 13 2 UNIT VARIOUS STUDIO UNIT - BLD'G. B	NIAGARA / NYB FC-DIDW FAN WITH CABINIET (DIRECT)	990 (1683)	150 (0.6) 250W 230 1 60	9" APPROXIMATE / EQUAL POWER F
UNIT DESIGNATION UNIT UNIT LO	SERVED (NIAGARA FAN (NIAGARA FAN NIAGARA / NYB)	(NIAGARA FAN DESCRIPTION) VIAGARA / NYB GPA FAN (BI SISW)	CFM (CMH) F	2	SE HERTZ MODEL	AS DED	AARKS MulteActuree		FAE-4F-B3 System 13 1 UNIT HALLWAY 02 FOR VARIOUS STUDIO UNIT - BLD/G B	NIAGARA / NYB FC-DIDW FAN WITH CABINIET (DIRECT)	1140 (1938)	150 (0.6) 250W 230 1 60	9" APPROXIMATE / EQUAL POWER RA
8 UNITS ROO	1 El 3	ZATION AIR FAN) GPA FAN (BI SISW) 'RACTION FAN)	-	375 (1.5) 1.5 440 3	3 60 15"	APPROXIMATE / AS PER N APPROXIMATE /	EQUAL POWER RATING ANUFACTURER ROUAL POWER RATING		FAF-5F-B1; FAF-5F-B2 System 14 2 UNIT HALLWAY 01 FOR VARIOUS STUDIO UNIT - BLD/G B	NIAGARA / NYB FC-DIDW FAN WITH CABINIET (DIRECT)	960 (1632)	150 (0.6) 250W 230 1 60	9" APPROXIMATE / EQUAL POWER R
PAF-RD-01 SINGLE 1 UNIT ROOT	The Exit of the Ex	(B GENERAL PORPUSE FAN ON AIR FAN) (CENTRIFUGAL)	877)		36"	AS PER APPROXIMATE	ANUFACTURER FOURL POWER RATING		FAF-5F-B3 System 14 1 UNIT HALLWAY 02 FOR VARIOUS STUDIO UNIT - BLDG. B	NIAGARA / NYB FC-DIDW FAN WITH CABINIET (DIRECT)	1080 (1836)	150 (0.6) 250W 230 1 60	9" APPROXIMATE / EQUAL POWER R
PAF-RD-08 single 1 UNIT ROOF DE UNIT 1 UNIT FIRE	DECK BLDG A - NIAGARA / NYB GEI RE EXIT 08 (PRESSURIZATION AI	ENERAL PORPUSE FAN IR FAN) (CENTRIFUGAL)	15268 (25956)	7.5		AS PER APPROXIMATE	ANUFACTURER EQUAL POWER RATING		VOTE: EFFICIENT PERFORMANCE VERIFIED BY MANUFACTURER				_
PAF-F,L-A; PAF-F,L-B SINGLE 2 UNITS B, FIRE	PECK BLDG A & NIAGARA / NYE VEMAN I IET'S / PDESSUIPIZATION AL	GPA FAN (BI SISM)	9745 (15567)	150 (0.75) 5 440 3	"TC na	AS PER	WNUFACTURER						

M-004 SHEET NO. SHEET CONTENTS: SCHEDULE OF VENTILATING EQUIPMENTS NGAC PHASE 1A ATHLETES VILLAGE (AIR CONDITIONING & VENTILATION SYSTEM) New Clark City, Capas, Tarlac **AS-BUILT DRAWING** PROJECT TITLE: TCGI ENGINEERS Sun Fir. Failiza Bidg., 108 U.A. Rufino St., Legasof Villago, Materi City, 1229 Philippinas * Tai. Nos. 8178311 to 16 VIRGILIO A. MADRAZO PRESIDENT/CEO INDEPENDENT CONSULTANT CERTIFIED BY:

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					MAN	UFACTU	MANUFACTURER SELECTION	NC
	AIR FLOW RATE	EXTERNAL STATIC	FAN	EI	ELECTRICAL CHARACTERISTIC	0	SIZE	
	CFM (CMH)	Pa (IWG)	(HP)	VOLT	PHASE	HERTZ	MODEL	REMARKS
	10400 (17680)	375 (1.5)	9	440	e	60	30"	AS PER MANUFACTURER APPROXIMATE / FOUAL POWER RATING
	1100 (1870)	375 (1.5)	1.5	440	3	60	15"	AS PER MANUFACTURER APPROXIMATE / EQUAL POWER RATING
ERAL PORPUSE FAN FAN) (CENTRIFUGAL)	15810 (26877)	375 (1.5)	7.5	440	e	60	36"	AS PER MANUFACTURER APPROXIMATE / EQUAL POWER RATING
ERAL PORPUSE FAN FAN) (CENTRIFUGAL)	15268 (25956)	375 (1.5)	7.5	440	3	60	33"	AS PER MANUFACTURER APPROXIMATE / EQUAL POWER RATING
PA FAN (BI SISW) FAN) (CENTRIFUGAL)	9745 (15567)	150 (0.75)	9	440	e	60	27"	AS PER MANUFACTURER APPROXIMATE / EQUAL POWER RATING
ERAL PORPUSE FAN FAN) (CENTRIFUGAL)	15316 (26037)	375 (1.5)	7.5	440	e	60	33"	AS PER MANUFACTURER APPROXIMATE / EQUAL POWER RATING
ERAL PORPUSE FAN FAN) (CENTRIFUGAL)	15555(26444)	375 (1.5)	7.5	440	æ	60	36"	AS PER MANUFACTURER APPROXIMATE / EQUAL POWER RATING

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3	7.5		
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(10007) 01001	15555(26444)		C 11
RIFUGAL)	USE FAN TRIFUGAL)		

ZOILO/S. DELA CRUZ VICE -PRESIDENT - OPERATION REG No.: 0022657 PTR No: 3113498 OILO TIN No.: 116-426-274 PLACE: MANILA

BANDAR HEBAT BUILDERS, INC.

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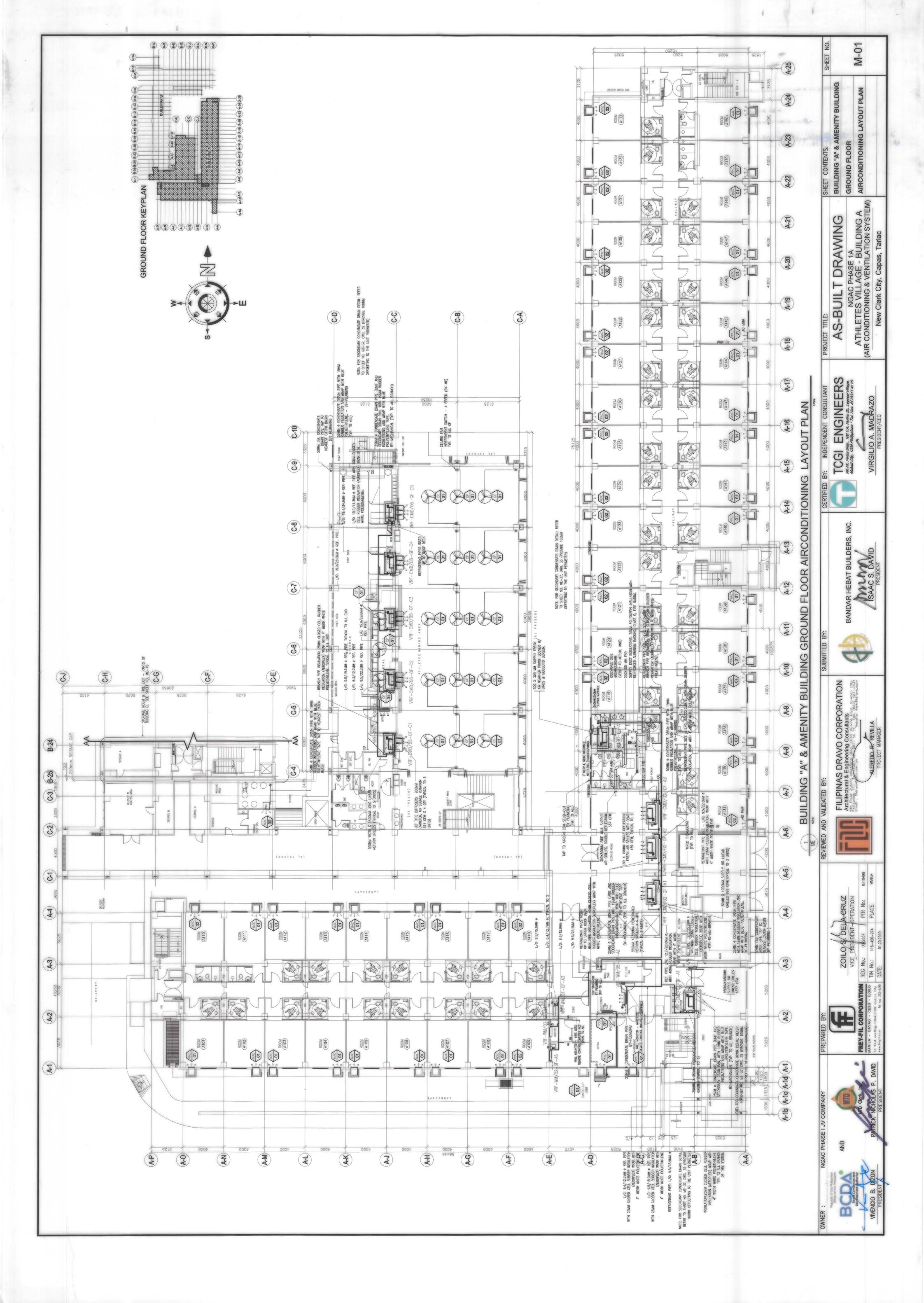
SUBMITTED BY:

ALFREDO R. REVILLA PROJECT MANAGER

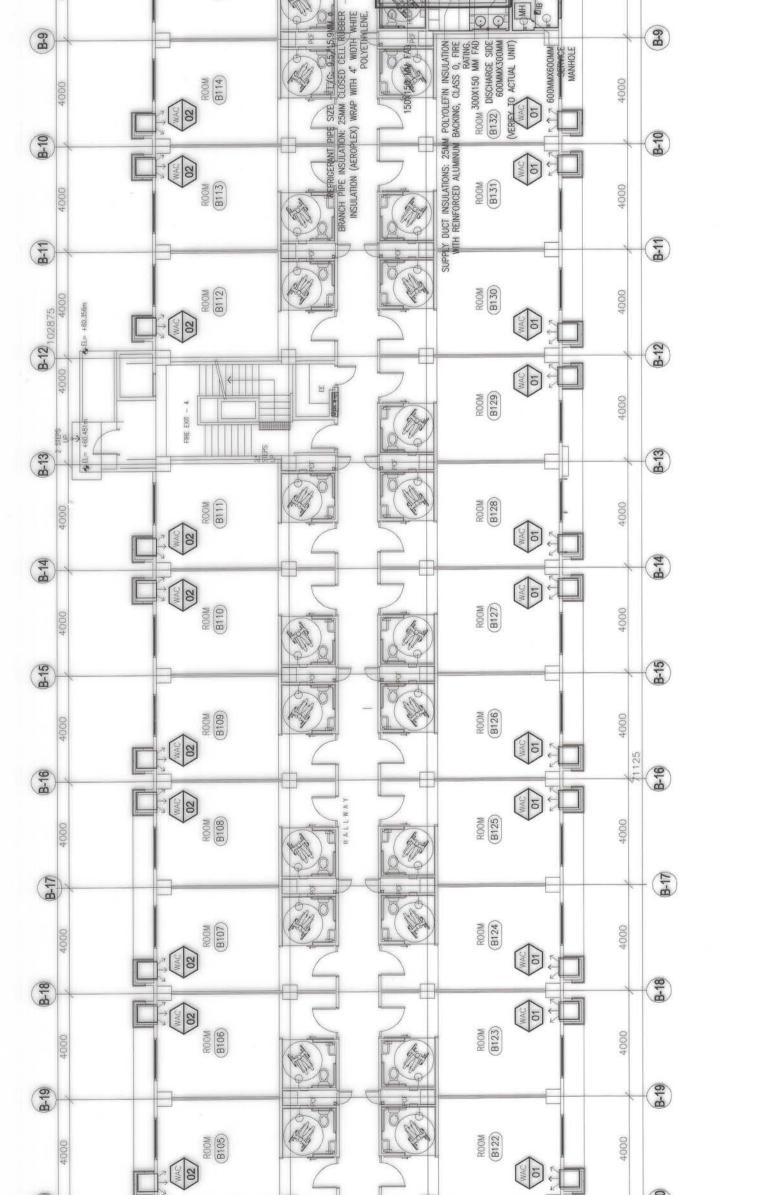
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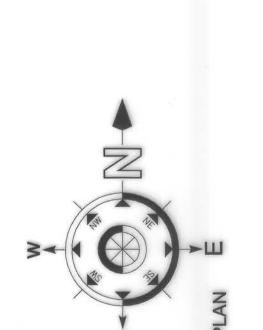
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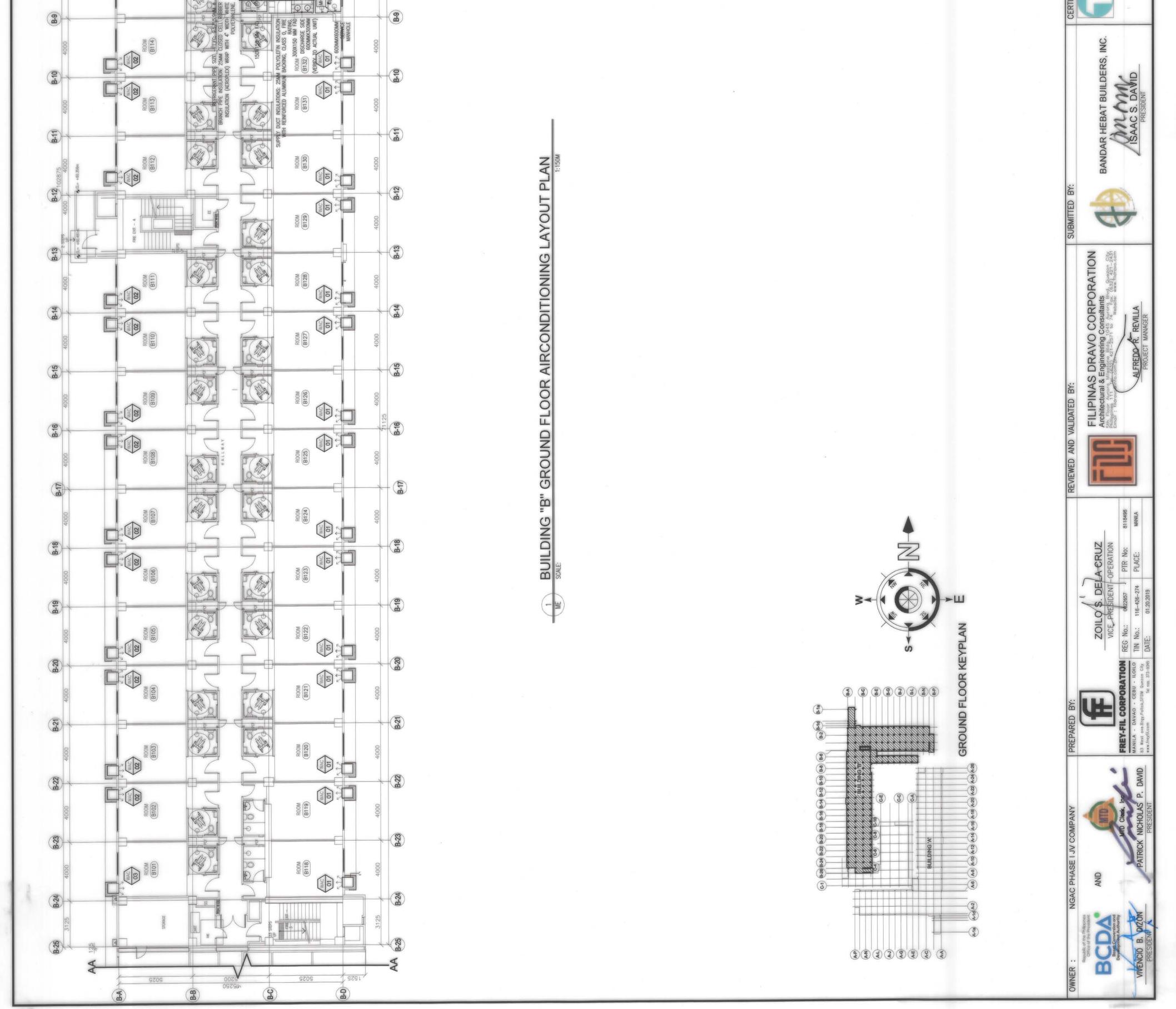


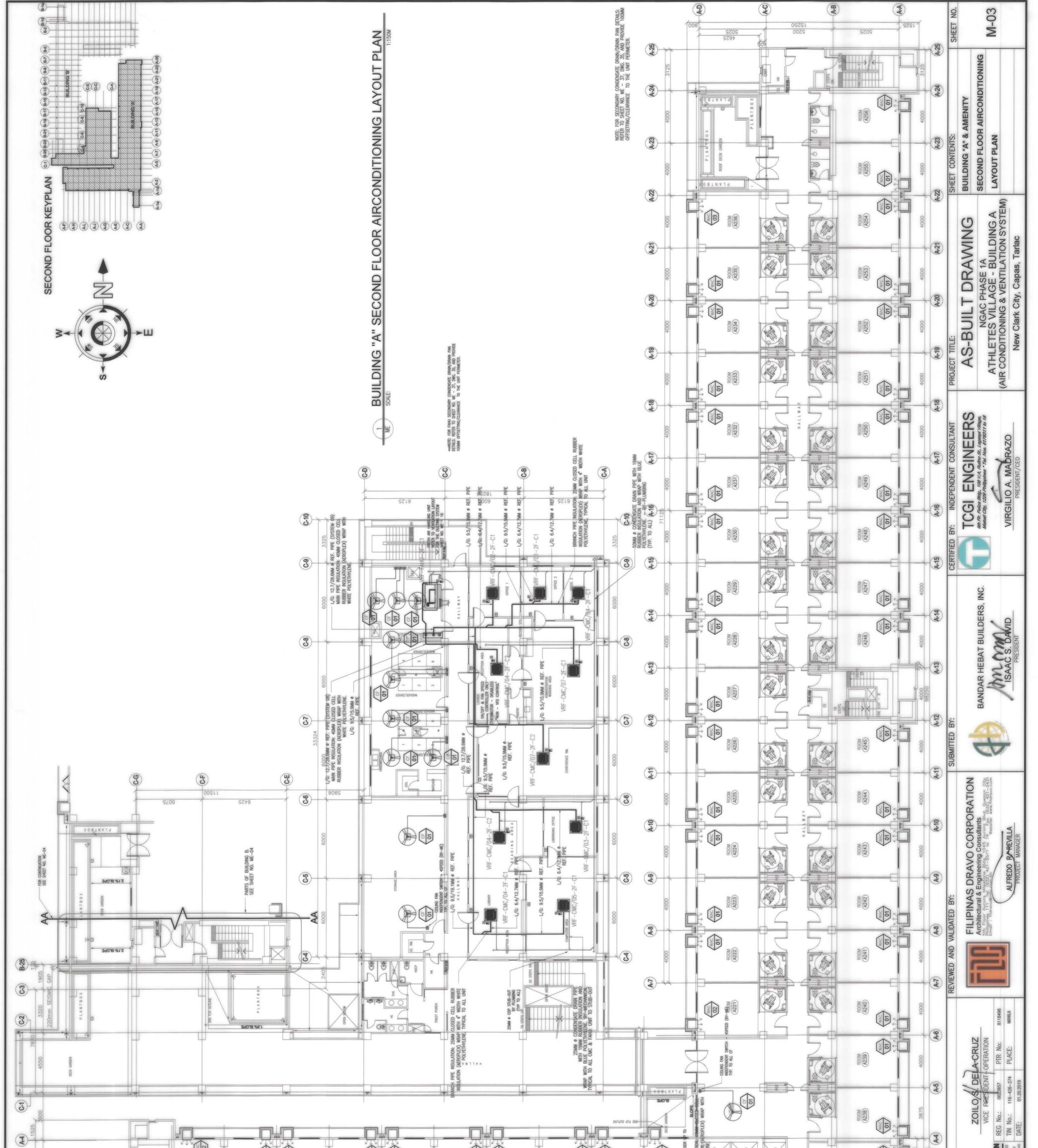
	2052 BA	ATE DRAIN DELAL	RULATION RULATION REFERENCE	ED CELL RUBBER PLEX) WRAP WITH OLYETHALENE. L/G: 6.4/13.7MM @		0207		BF	(28442 4000	BH) (000+	0000t	BL	(+000	B-N	0007	3125	B-P		SHEET NO. M-02
SO25 CONDENSATE DRAIN PIPE (UNIT AND CONDENSATE DRAIN PIPE (UNIT AND CONDRAIN PAN, WITH 19MM RUBBER DNS AND WRAP WITH BLUE THENE TAPE. ANICAL (TYP. TO ALL BRANCH)	OBB 150NIMX1800NAKI SUPPEY YIR 150NIMX1800NAKI SUPPEY YIR 150MIX1800NAKI SUPPEY YIR 150MIX1800NAKI RETURN AR	NOTE: FOR SECONDARY CONDENS REFER TO SHEET NO. ME-37, DN PROVIDE: TOQMIN OFFSETTING TO LANDSCOPE	123 STEPS FIRE EVIL - 5 L/G; 9.5/15.9MM & REF. PIPE WITH - 26MM CLOSED CELL RUBBER (AEROPLEX) WRAP WITH 4. WDHH WHITE POLYETHYLENE.	MITH NSUL 4" WITH 25		(B142)	BI43		ROOM WILC	ROOM B145		BI46	B147	ROOM BI148		BI49 (B149)	ROOM CON					B-2 B-1	SHEET CONTENTS: BUILDING "B" GROUND FLOOR AIRCONDITIONING LAYOUT PLAN
5200 25MM @ SECONDAI RINULATIO POLYETHY BY-MECH	L/G: 12.7/28.6MM Ø,				W COP STUB-OUT BY PLUMBING															8 ¥		2 stress 2 stress 5 2 2 0 0 1 5 2 5 0	
TAP TO AIRCON CDP STUB-OUT BY PLUMBING TYPE TO AILU	M SUPPLY AIR SUPPLY AIR ASUPPLY AIR MITH 40MM RUBBER INSUL	4 WIDH WITH POLY HELE DERFORATED 000017-00 CAL TO 3 (UNITS) 1 0 100017-00 POLY 10 3 (UNITS) 1 0 100017-00 POLY 10 3 (UNITS) 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		VRF - CMD/02 - GF - B1 25MM & CONDENSATE BRAIN PIPE (UNIT AND SECONDARY DRAIN PAN, WUPT 19MM RUBBER SECONDARY DRAIN PAN, WUPT 19MM RUBBER INSULTIONS AND WRAP WITH BLUE POLYETHITHENE TAPE POLYETHITHENE	ALE RING ALL BRANCH ALL BRANCH ALL BRANCH ALL BRANCH ALL BRANCH ALL BRANCH REFRIGERANT PIPES RISER WITH UP TO UPPER ROOF DECK	ALL) FRESCO LOUNGE BEL= +60.50m MAIN PIPE INSULATION: 40MM & REF. PIPE MAIN PIPE INSULATION: 40MM CLOSED CELL RUBBER INSULATION (AEROPLEX) WAAP WITH WITH F POLYMAN FUE	ROOM B133		ROOM B134	ROOM B135			HOOM HOOM HOOM HOOM HOOM HOOM HOOM HOOM	Noon Hoom		ROOM B139	ROOM B140		ROOM B141)			1525 5025 B.3	ACT TITLE: AS-BUILT DRAWING NGAC PHASE 1A NGAC PHASE 1A ATHLETES VILLAGE - BUILDING B ACONDITIONING & VENTILATION SYSTEM)
4000	WAC WAC 02 8117 8117 8117 150MM X 1000M Rap With Helene	CFMITTHENE RAPPINITH RAPPINITH REPURN GRILLESTY VHEIENE VRF-CMD/02-		CMD/02-GF-B3 1 Solven Single Deflection A R Grilles with OBVO SFM, TYPICAL TO 2 Exercise ROOM 300X300MM SIDE WALL SUPPLY AR GRILLES, DOUBLE DEFLECTION	557 CFW		9000t		0007	1 H W V I K	¥ d 0383	0007	4000 4000	0001	-	0007	1000	N	0007	2159	(d		ISULTANT PROJECTION PROJECTIA PROJECTION PROJECTION PROJECTION PROJECTION PROJECTION PRO
4000	ROOM B115 REFIGERANT PIPE SIZE - L/G: 9.5/2 REFRIGERANT PIPE SIZE - L/G: 9.5/2 WITH 25MM RUBBER INSULATION, W	REFIGERANT PRESSUE 100 %	SERVICE MANHOLE ULEANUULI SERVICE MANHOLE ULE SOOMMX1200MM) TYP. TO 3			4000 4000	MAINTENANCE ACCESS (PROVSION FOR PULL OUT OF UNIT) 2" MABILE AIR FILTER, (500x300x50MM)	SOO X 300 MM SUPPLY FRESH AIR WEATHER PROOF LOUVER W/ BIRDS & MOSQUITO SCREEN. B-1		Ā				a	(BH		B)	B			B		IED BY: INDEPENDENT CONSI TCGI ENGENDENT On File Blog., 108 V.A. Ruffino St. L. Makadi Chy, 1229 Philippines * Tel. Nos. L. VIRGILIO A. MADRA



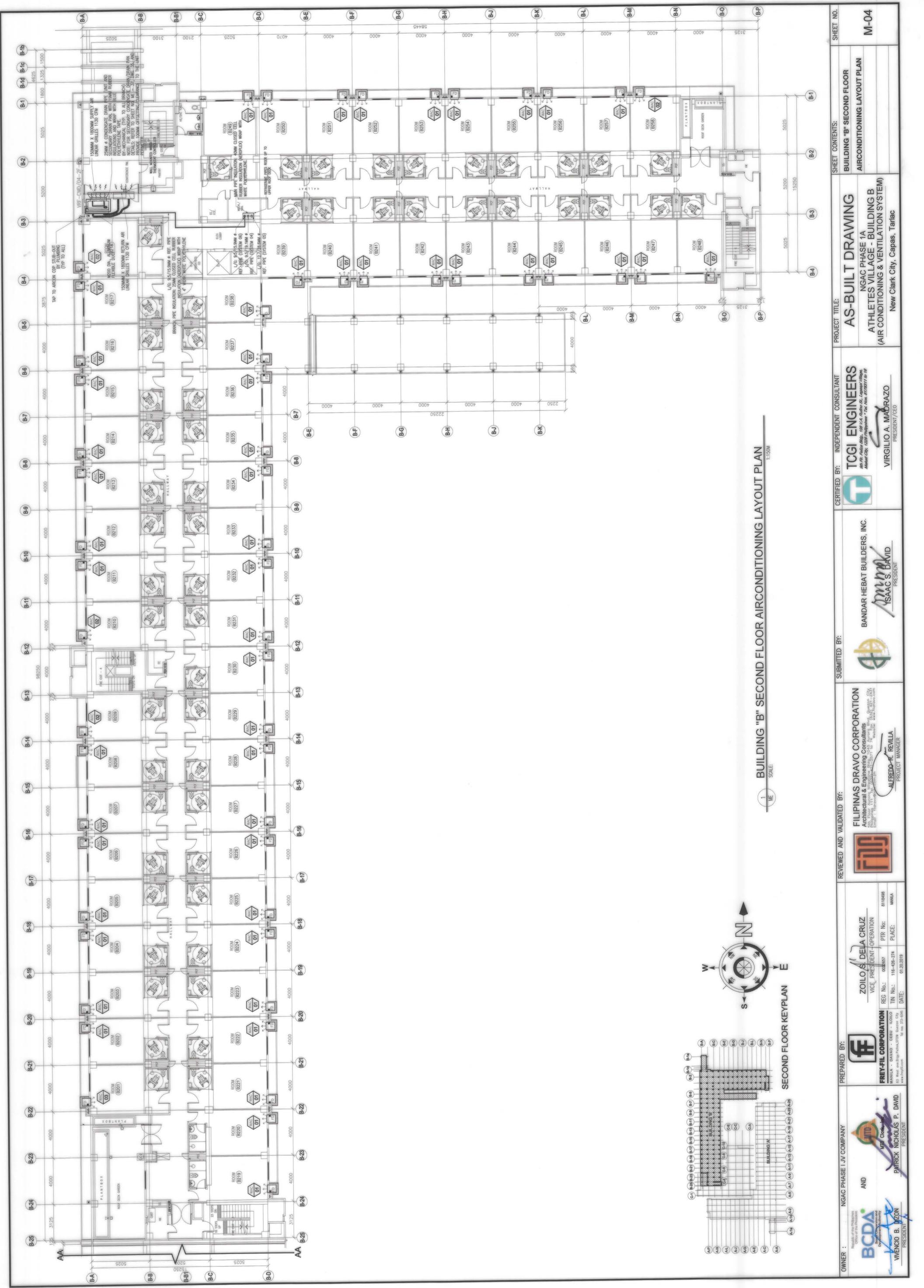


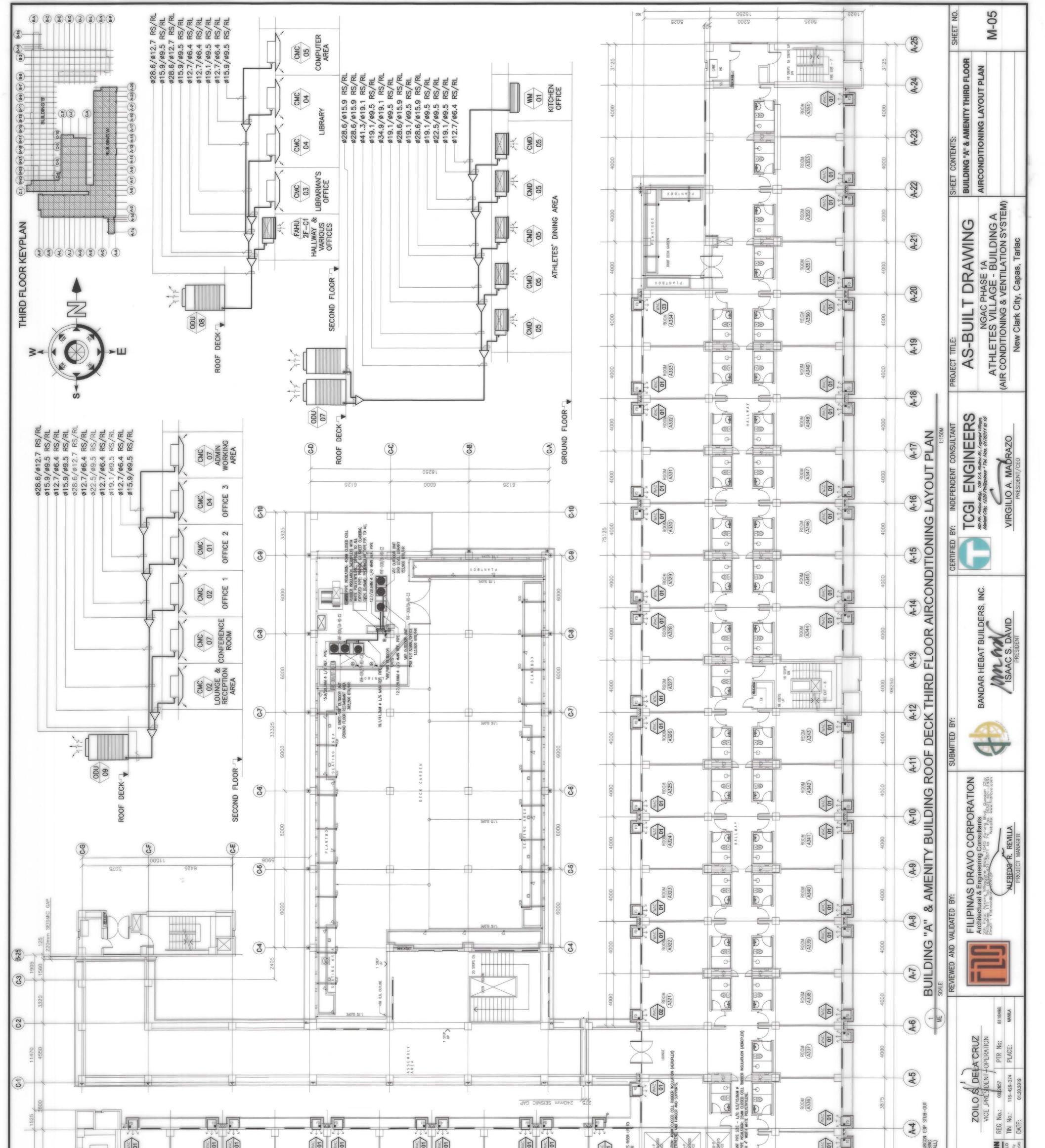






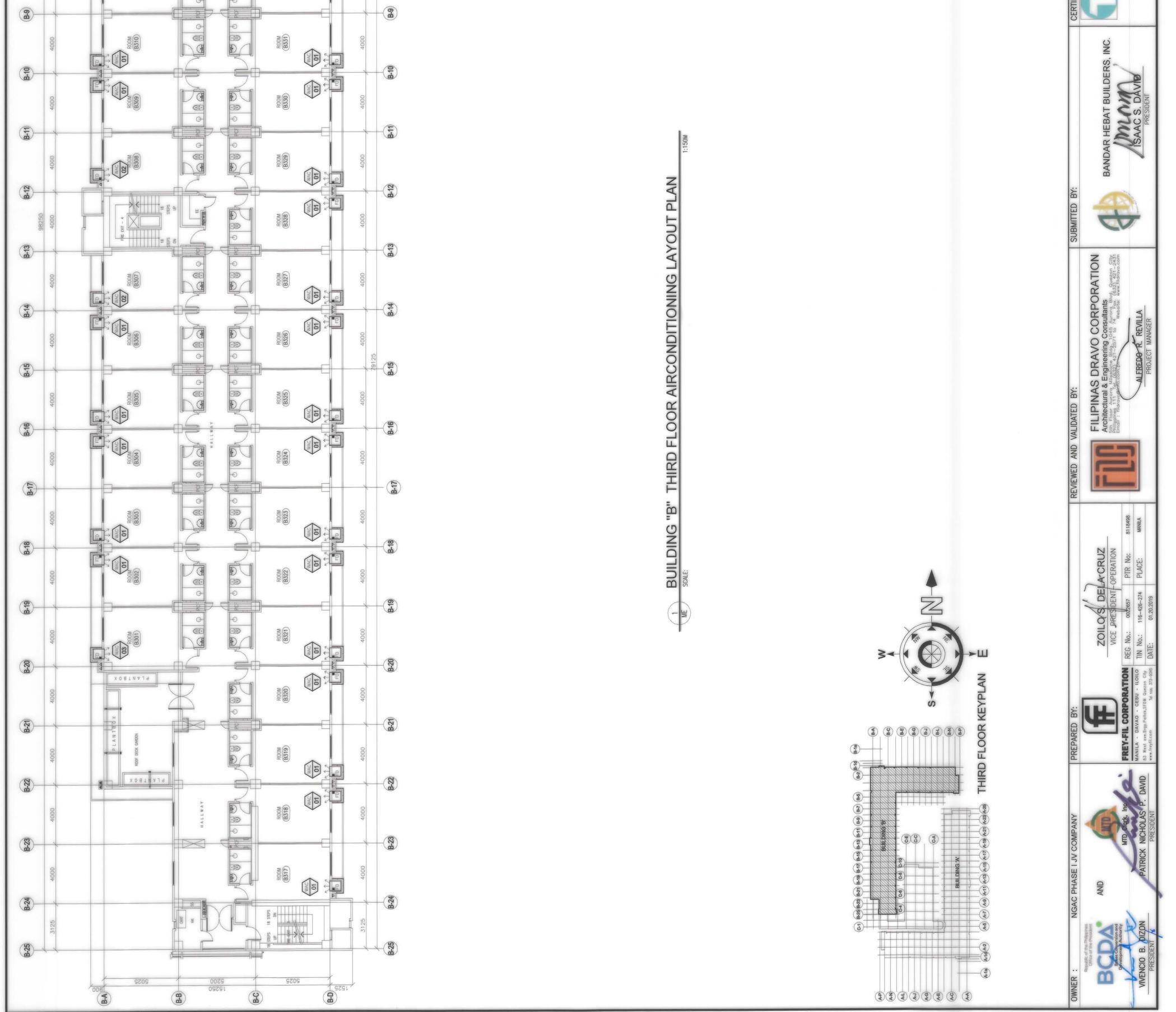
5025	ROOM ROOM	ROOM (A212) (A213) (A213) (A213)	ROOM (A214) ROOM ROOM (A215)	ROOM (A216) ROOM (A217)	ROOM (A218) ROOM ROOM A219	ROOM 01 A220 A20	HOOM HOOM	ED BY: CORPORATION RAVAO - CEBU - ILOILO RAVAO - CEBU - ILOILO RAVAO - CEBU - ILOILO RAVAO - CEBU - ILOILO
15250 5200						A H H H H H H H H H H H H H H H H H H H	AI ** **	MAND BRANCHY SRANCHY SRANCHY SZOOO BRANCHY FREY-FI
325 A.2			NON NON	A205) A206) A206)	ROOM ROOM ROOM ROOM	ROOM A209 A209 REF: PIPE LVG: 9 REF: PIPE REF: PIPE REF: PIPE	PGF L/C: 9,5/15.94M INSULATION: 253M CLOSED INSULATION: 253M CLOSED INSULATION: (AEROPLE) INSULATION: (AEROPLE) ILLES IT 130 CFM INSULATION MMR RETURN AIR MMR RETURN AIR	MM SUPPLY AIR ILLES 1130 CFM AND SECONDARY DRAIN PA AND SECONDARY DRAIN PA AND SECONDARY DRAIN PA AND SECONDARY DRAIN PA AND CCAMPANY COMPANY COMPANY COMPANY COMPANY COMPANY COMPANY COMPANY COMPANY
900 (F-1)	ROOF D L A N T B OF D L A N T B O						BRANCH PIPE BRANCH PIPE FIRE EXIT 10441	10 A-1
	4000 × 2122	0007 0007	0007 0007	0007 0007		2055 4070	2052 3100 5100 2052 212 3100	ER : A-10 A-16 A-16 A-16 A-16 A-16 A-16 A-16 A-16
	(4-N) (4-D) (150	A-L	Y) (Y	28445	A-G	AD AC	(A-B) (A-C)	A.A.



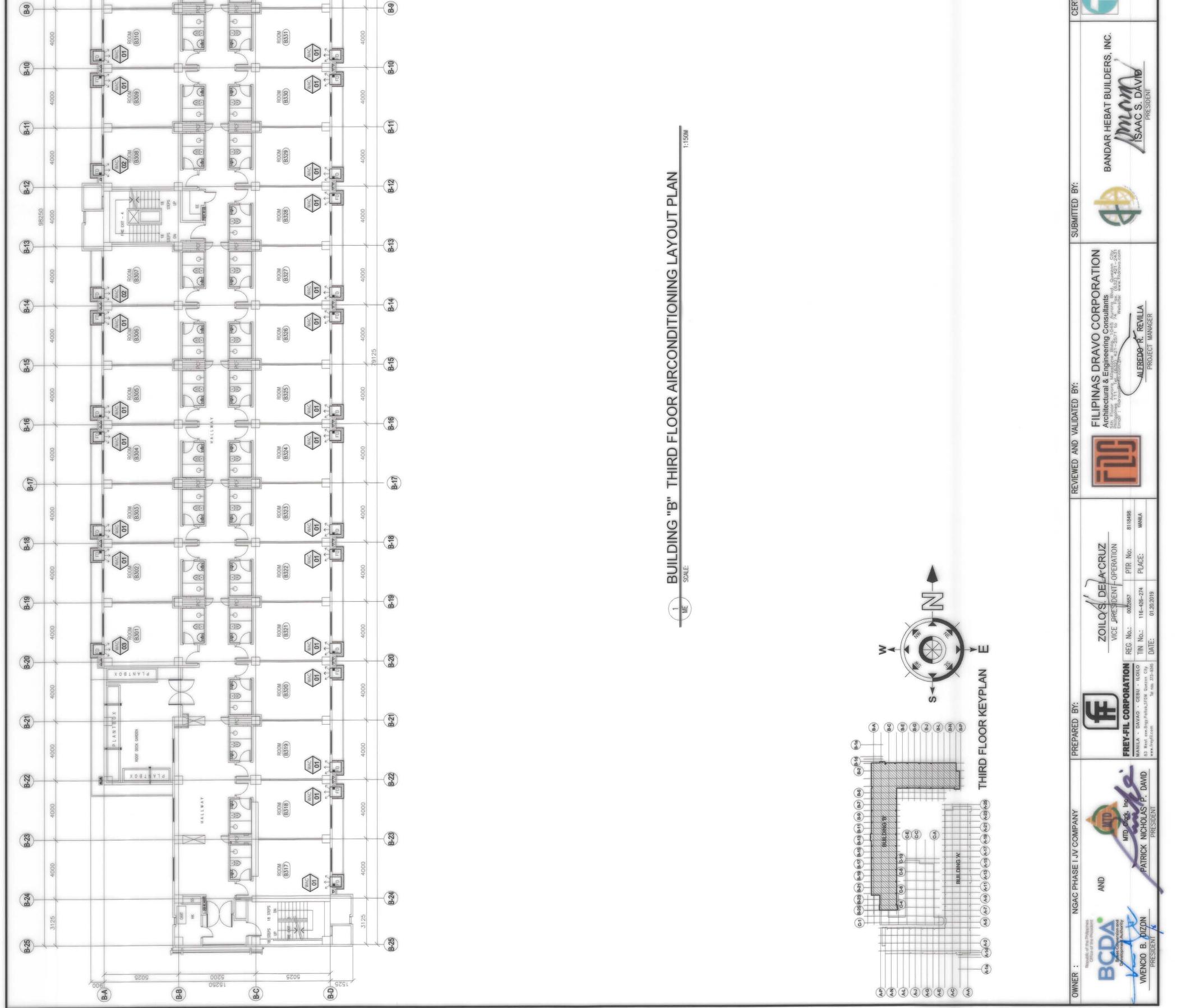


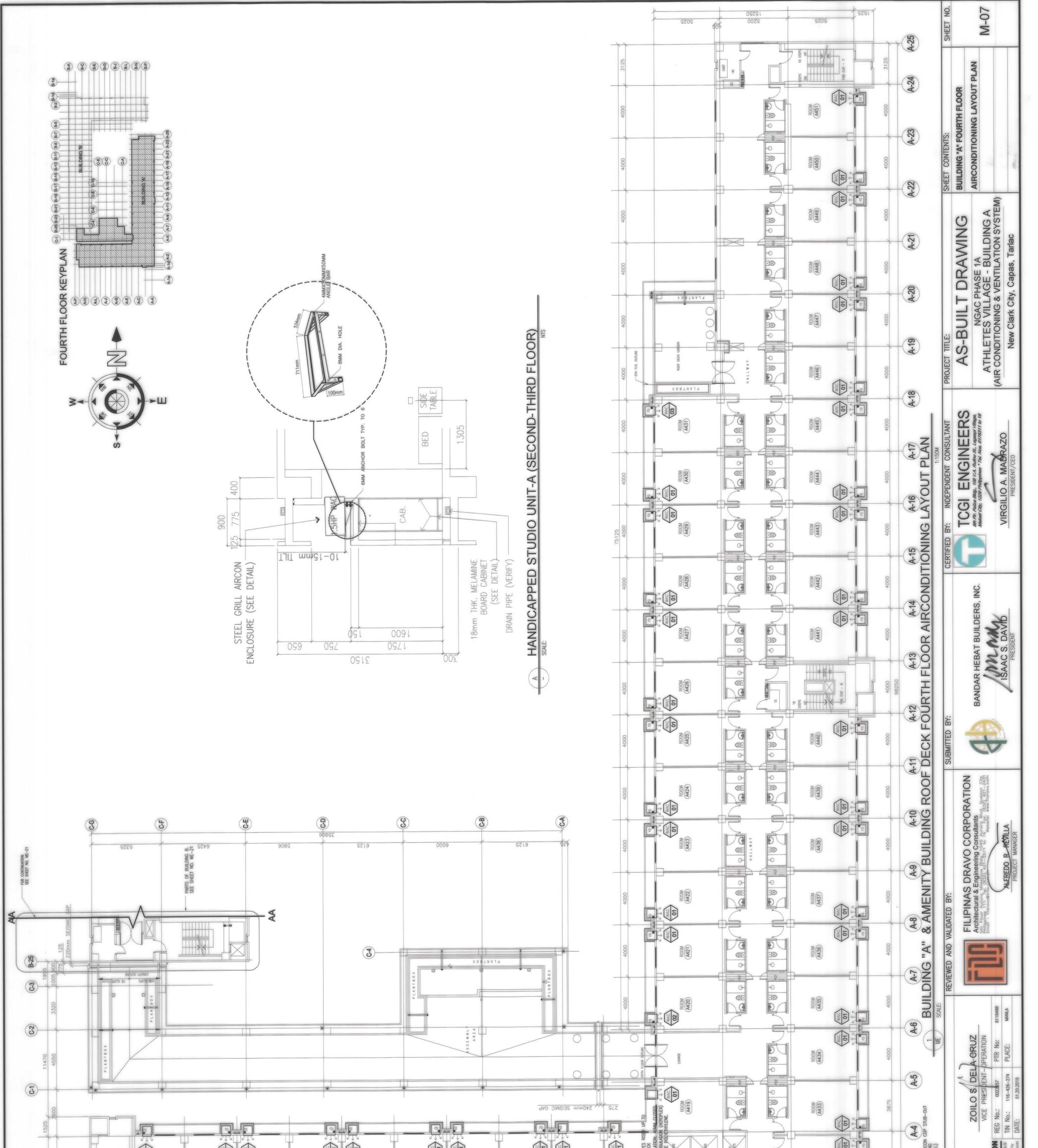
5025	ha steps a steps on tradition (3310)	ROOM (A311) (A312) (A312)	ROOM (4313) (4314) (4314) (4314)	ROOM A315 A316 A316	R00M (4317) (4318) (4318) (4318) (4318) (4318) (4318) (4318) (4318) (4318) (4318) (4318) (4317) (431	REFIGERANT PIPES (A319) 01 (A319) 01		KOOM A335	BY FLUMB BY FLUMB (TYP TO AI (TYP TO AI (TYP TO AI (TYP TO AI
5200						E Caracteria Contracteria Contr			5200 ECONDARY AND WRAP ENE TAPE. BRANCH) PREPARED PREPARED PREVENCE
2025		P L A N T B Q X ROOM AGOT	ROOM ROOM ROOM	ROOM ROOM A305	ROOM ROOM A307	ROOM ROOM REF. LVG: 9 REF. LVG	THE STEPS	BOOMM RETURN AIR GRILLES 1130 CFM SOOMM SUPPLY AIR GRILLES 1130 CFM VRF-CMD/P41 3F	5025 AFE DRAIN PIPE (UNIT AND S 19MM RUBBER INSULATIONS WITH BLUE POLYETHAL SY-MECHANICAL (TYP. TO ALL
4.4								150MMM X 18 LINEAR 150MMM X 18	225 900 1625 A-1 DRAIN PAN, WITH AND AND
7	\$152 ¥000	4000	4000 4000	4000 28442	+000 + 000 +	2052 4010	2100 2 5100	2052	Balaconversion and setting of the Preliapende

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	150MMM X 1800MM SUPPLY AR LINEAR GRILLES 1130 CFM 250MM & CONDENSITE DANN PRE RECONDERSITE DANN PAR, WITH BLIGH NEULATIONS AND WARA WITH BLIGH RECONDERSITE PRANCH NOTE FOR SUPPLY AR RECONDERSITE PRANCH NOTE FOR AND PROVIDE FORMALIAN PAN DEFAULS REFER TO SHEET NOL ME - 37, DWG. 35, AND PROVIDE FORMALIAN RECONDERSITE ON OFFICE INCOME RECONDERSITE OFFICE INCOME RE	ROOM ROOM		5025 INTENTS: BI THIRD FL
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	M200 DIA HEXBIELE HEXBIE			DRA So25
PENDENT CONSULTANT	BRANCH BRANCH PIPE INSULUTION 4000 BJ 17770 BJ 1000 100		32122	A S A S T THLE
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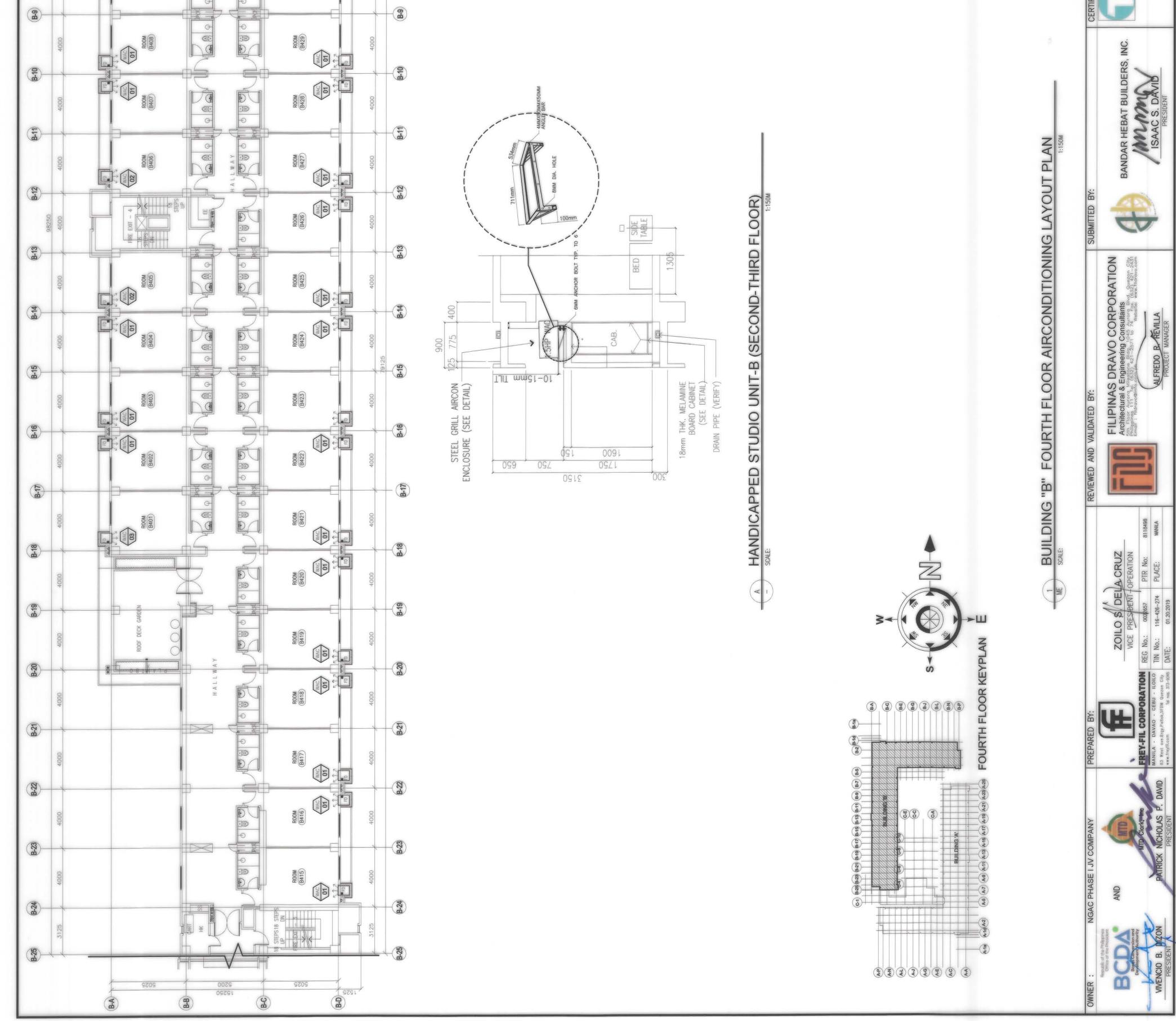


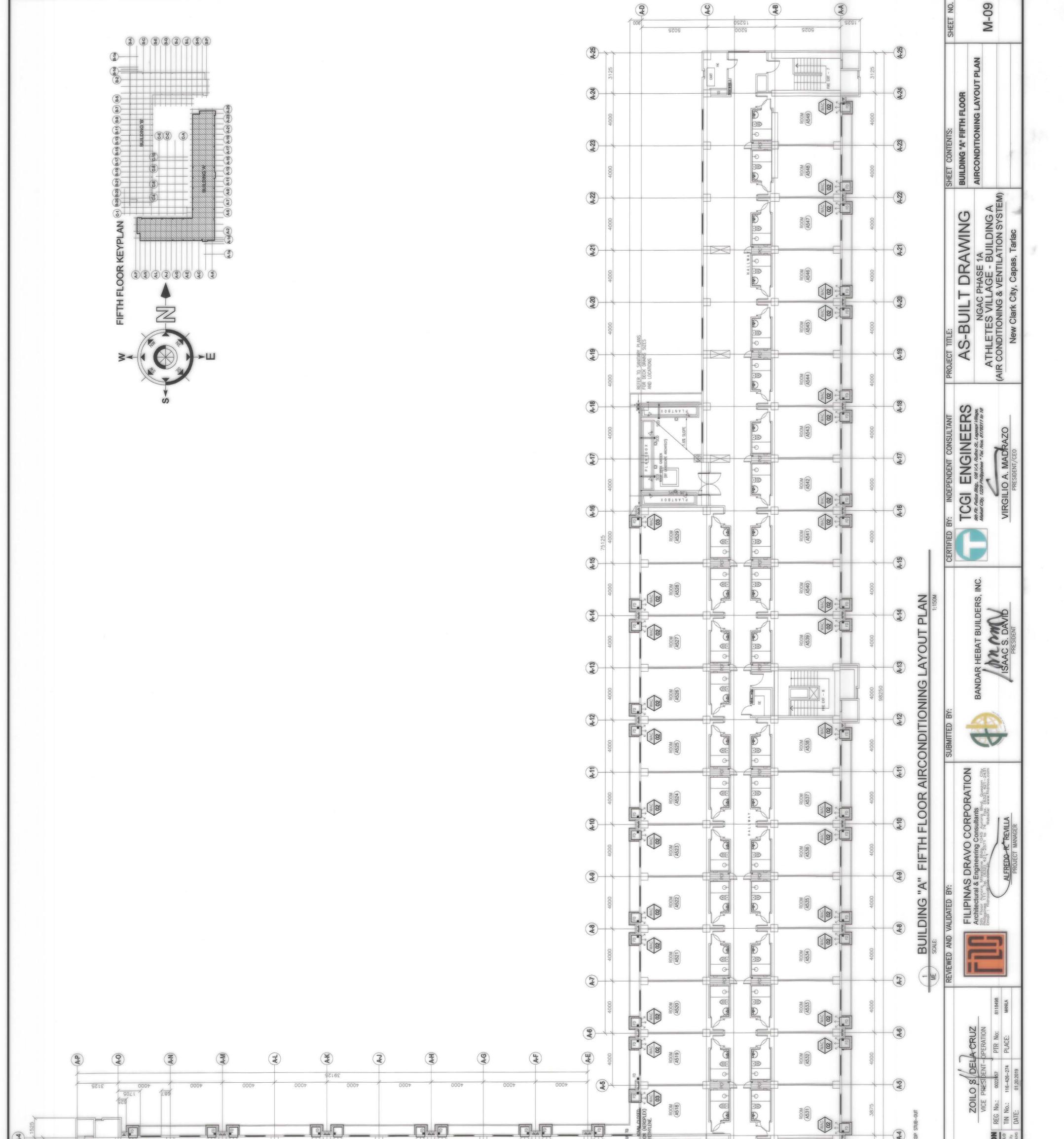


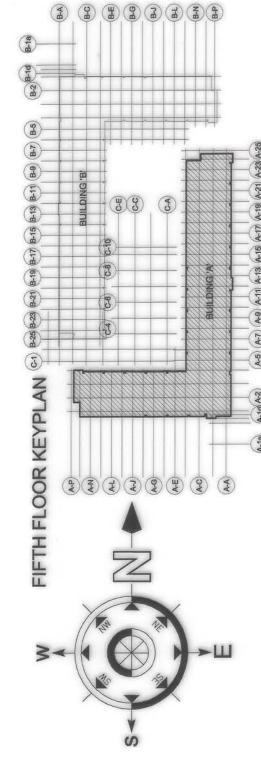


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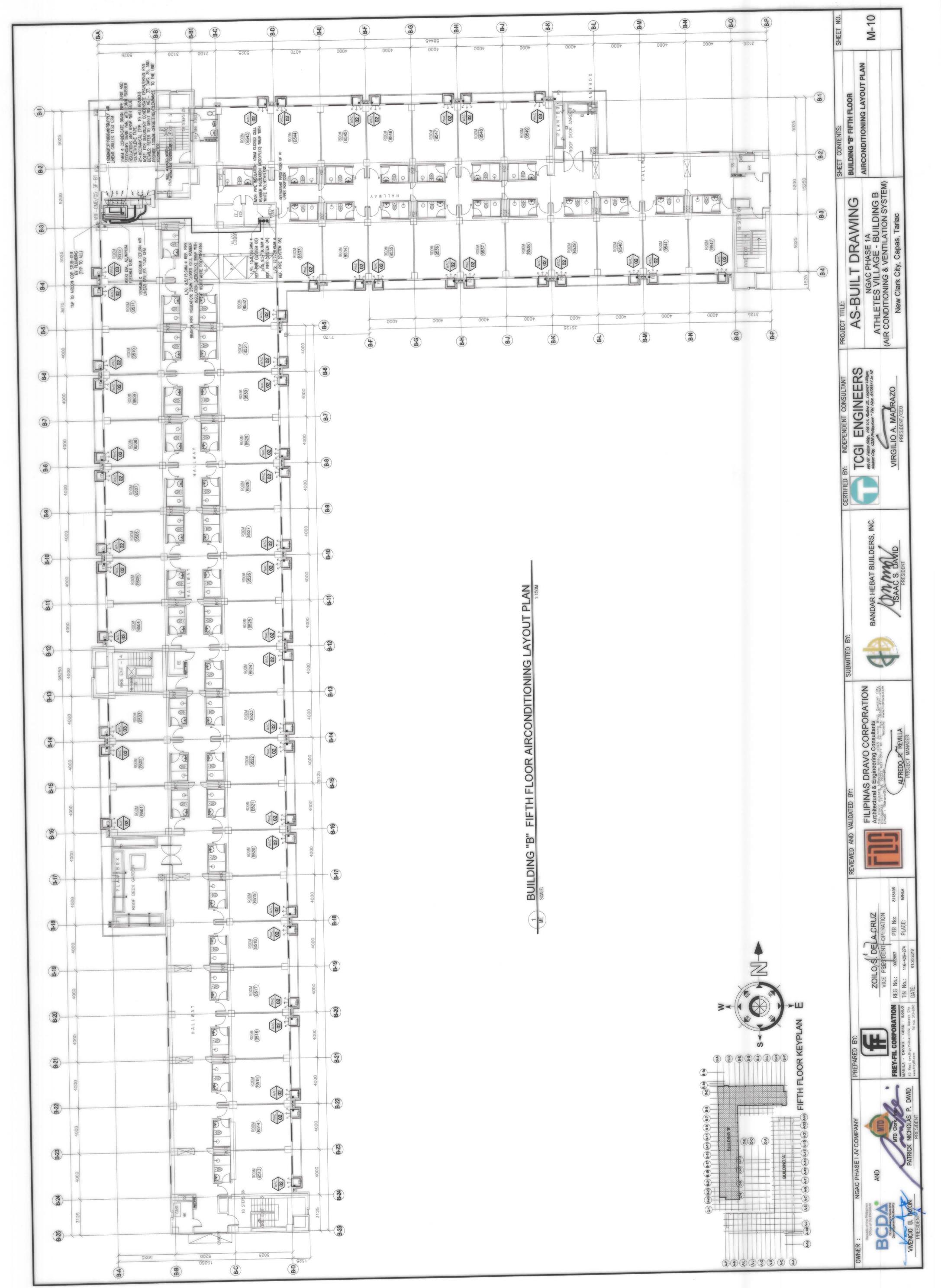
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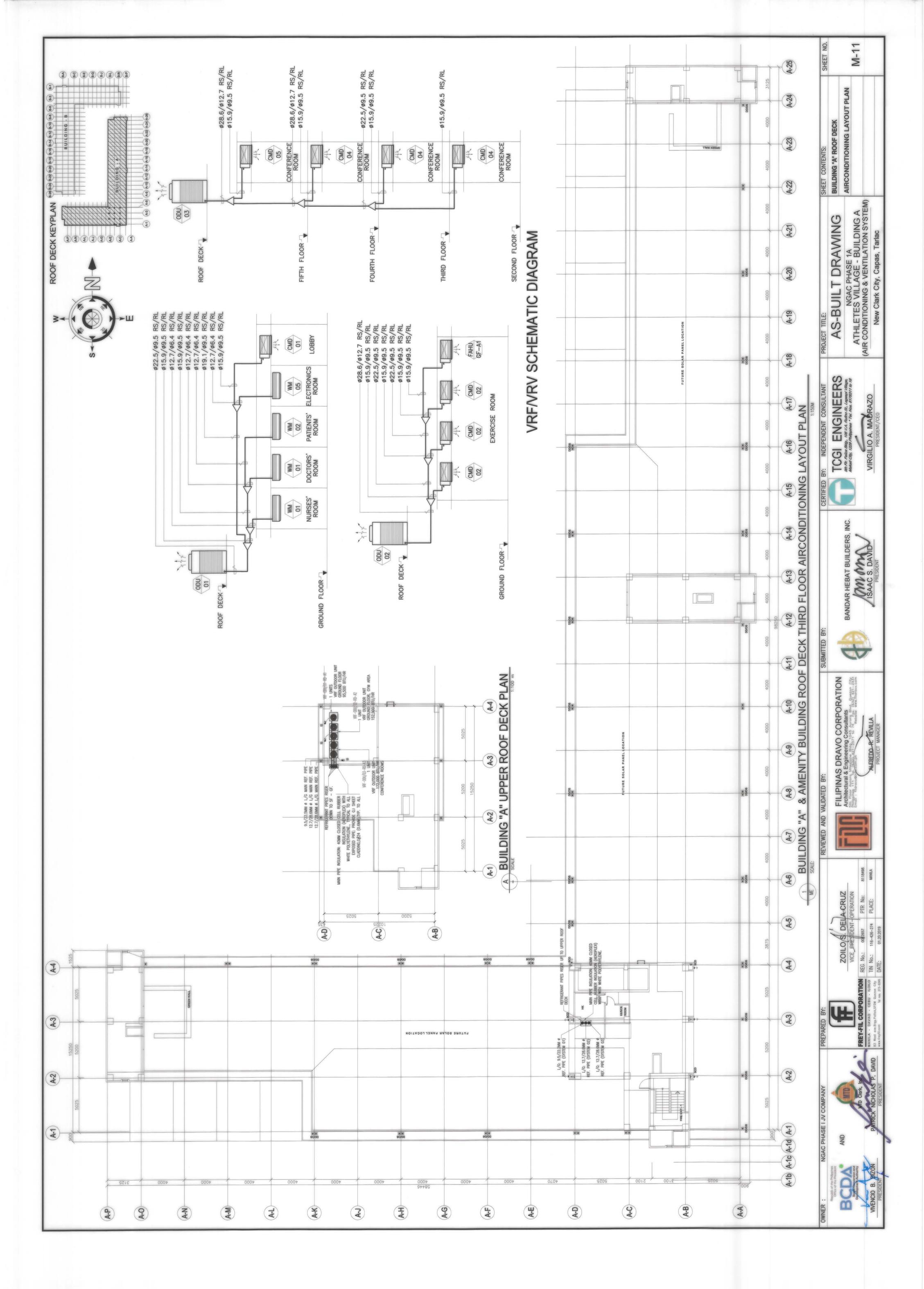


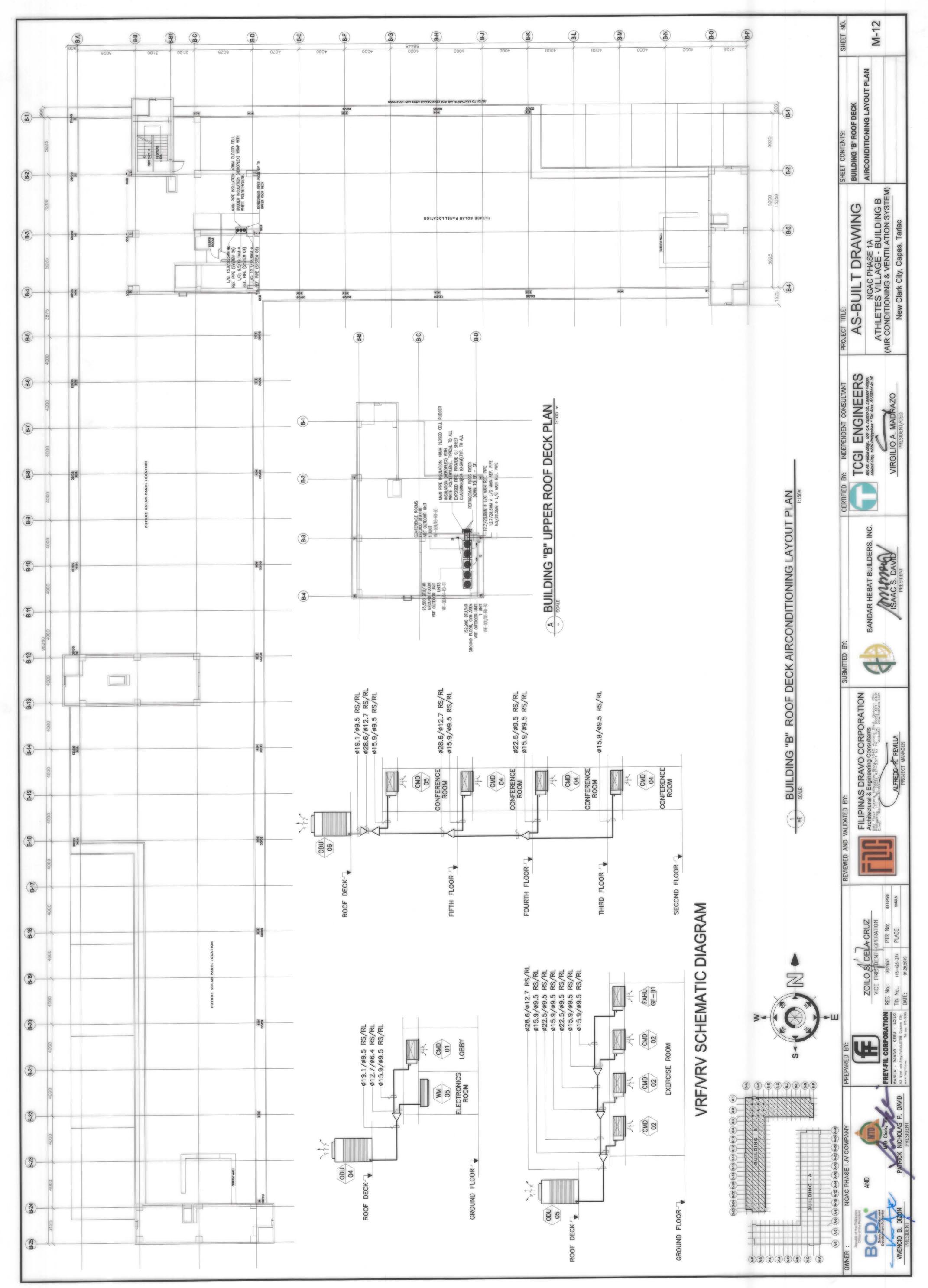


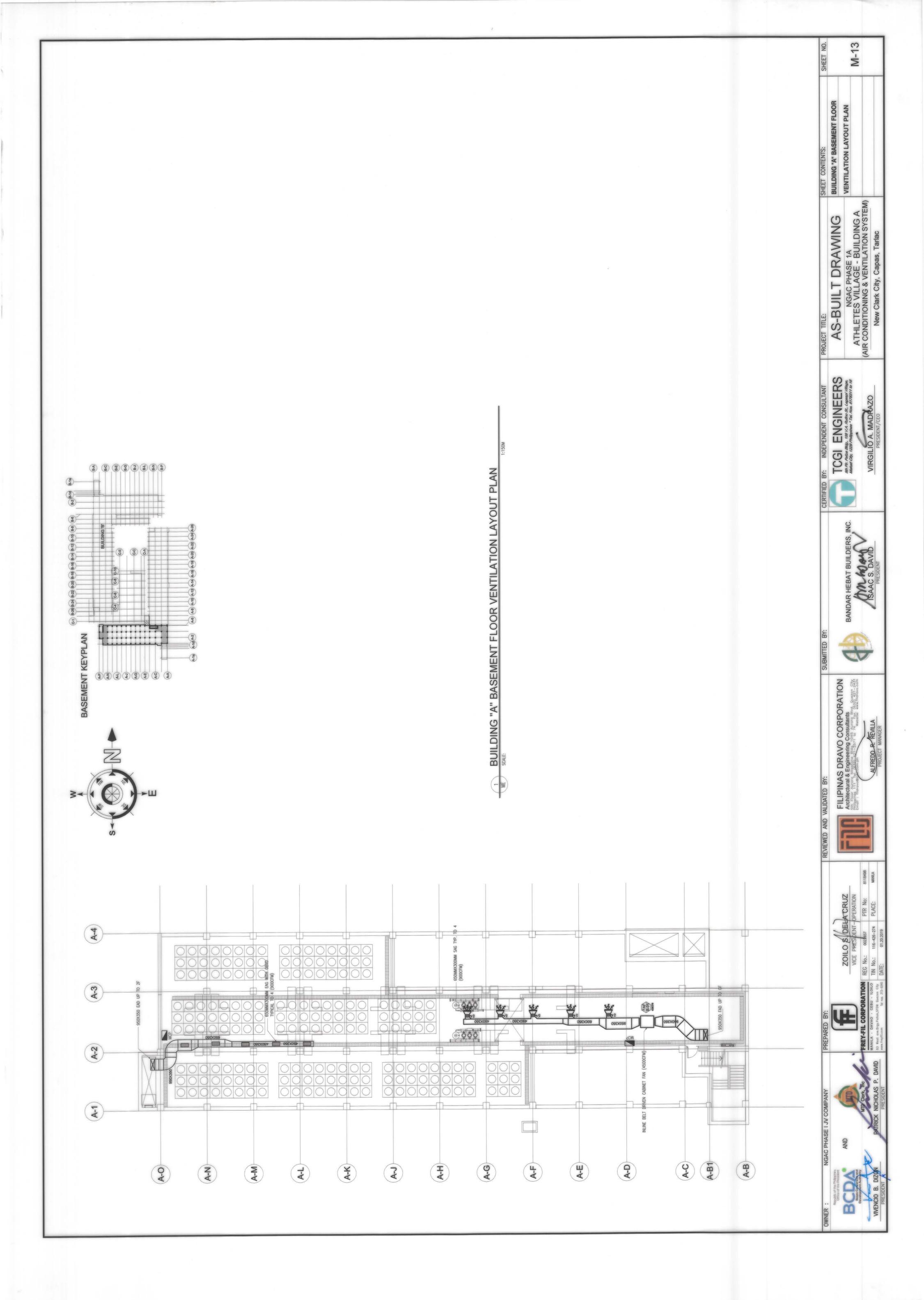


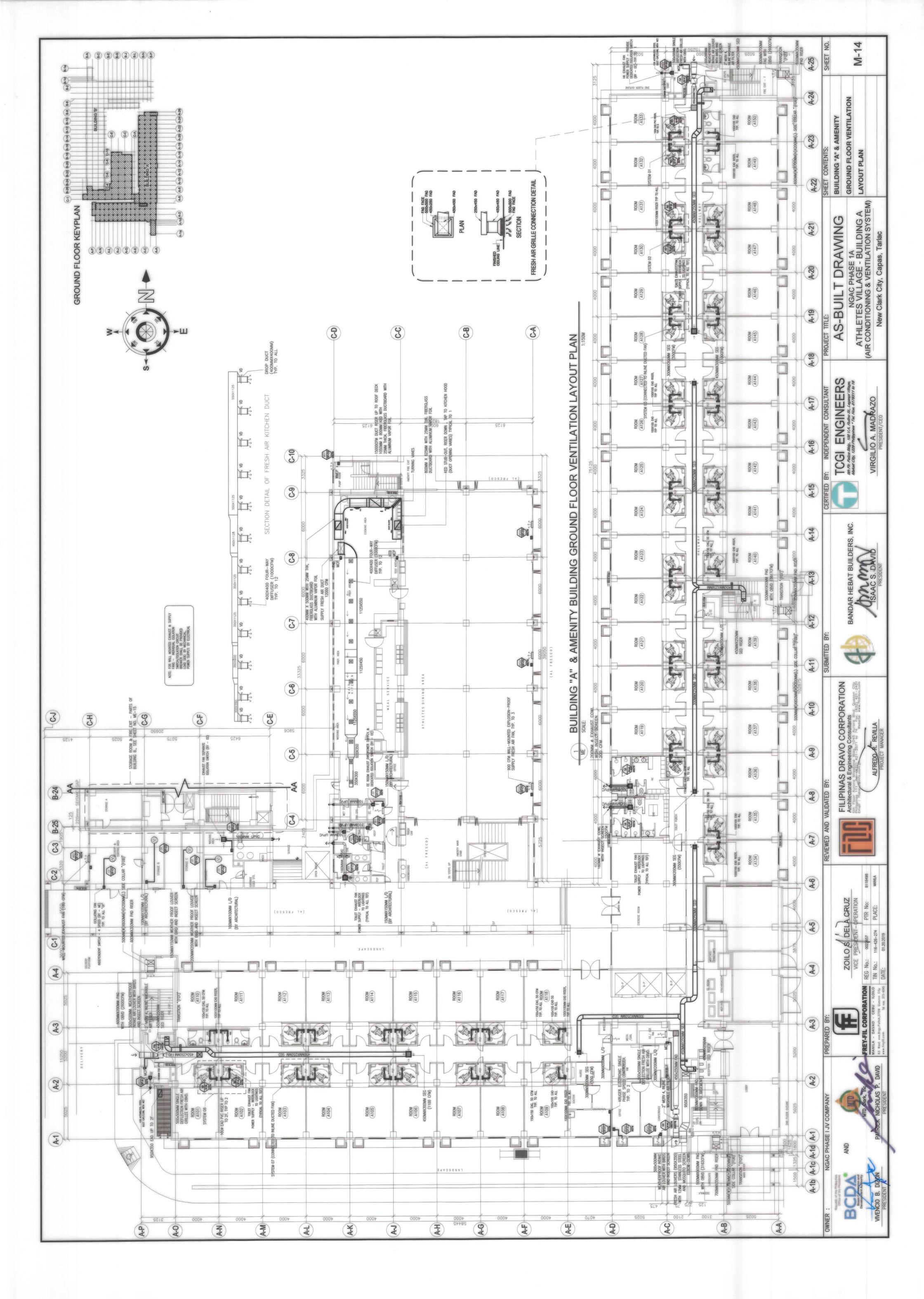
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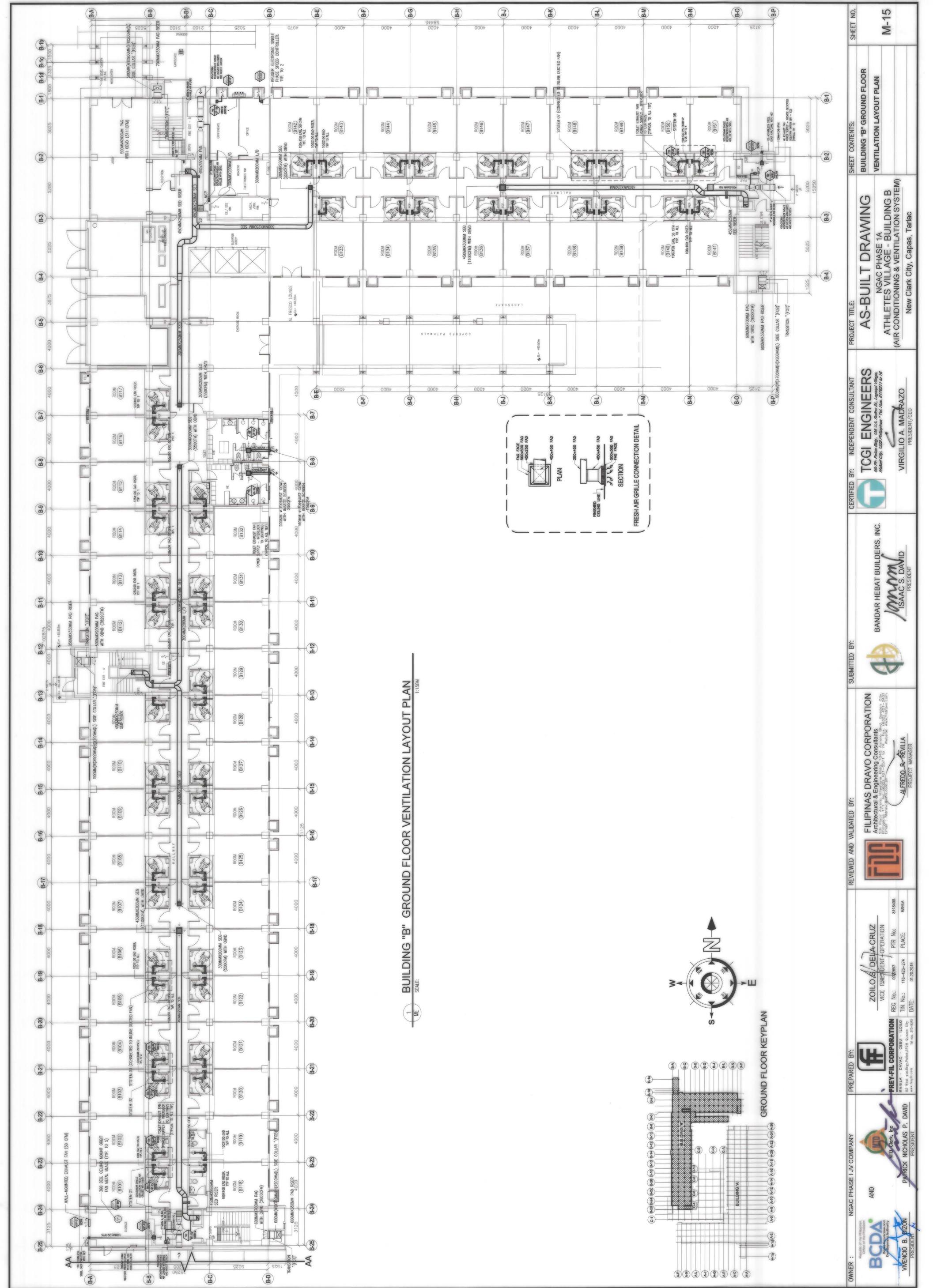




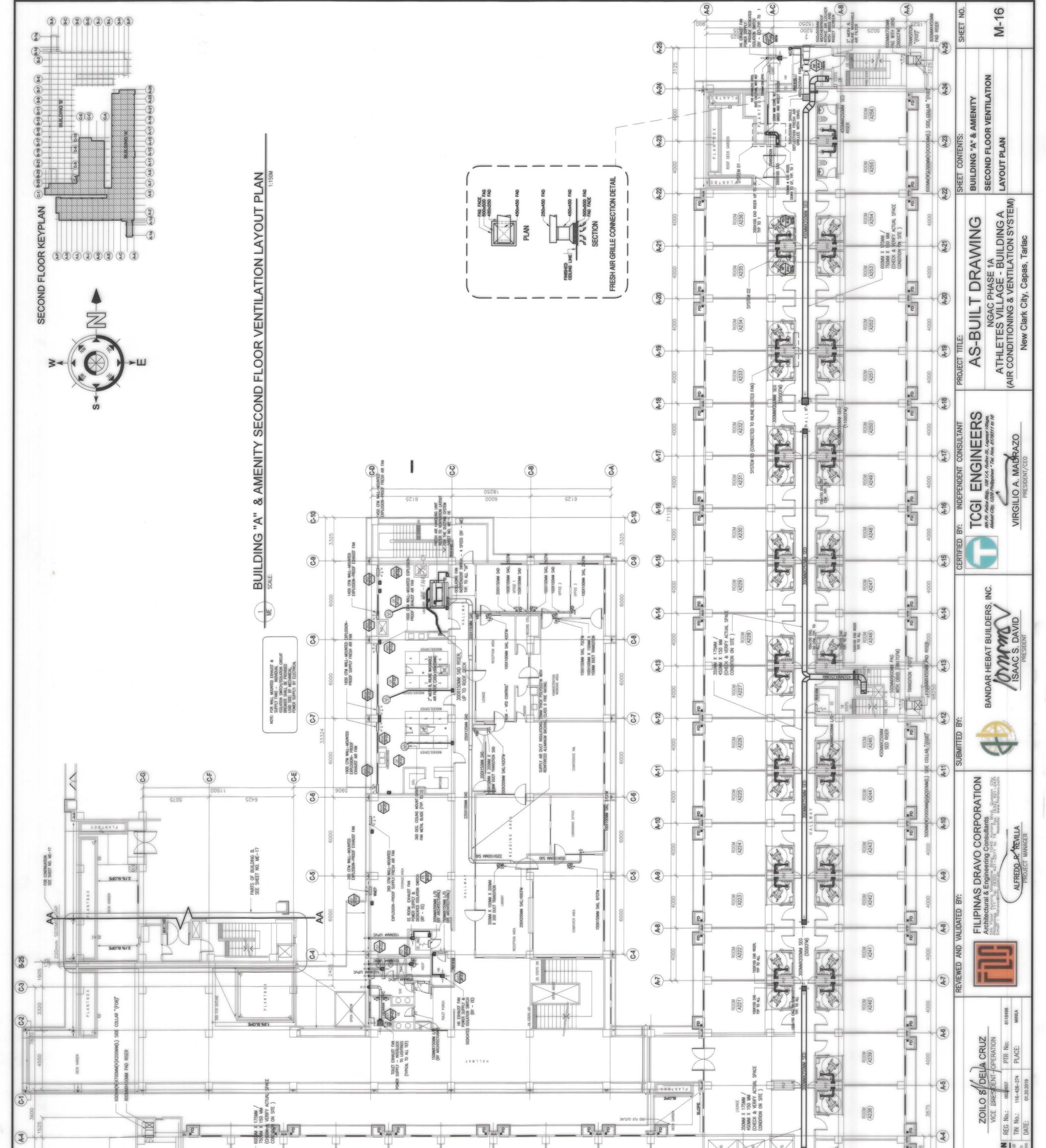






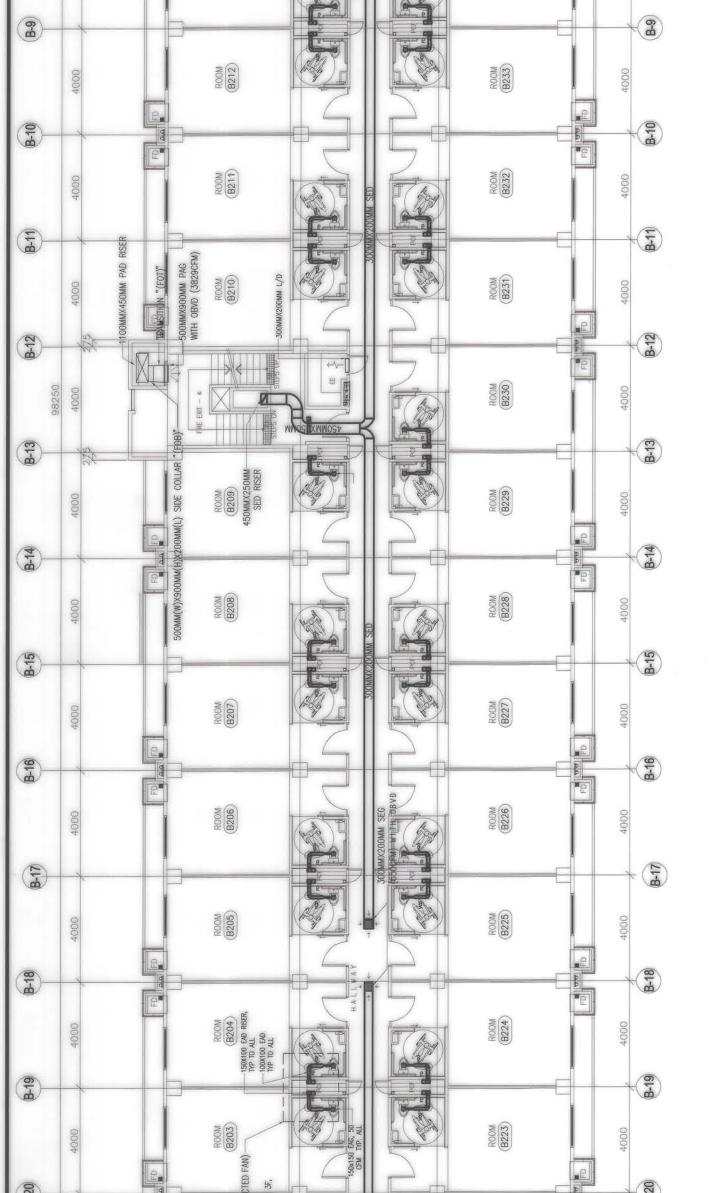


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REVIEWED AND VALIDATED BY:	FILIPINAS DRAVO CORPORATION Architectural & Engineering Consultants Enlightered Hards 191, 250, 45 Aurora 200, 210, 212, 2430	Ermoil : fildravoairifo.com.ph	ALFREDO R. REVILLA	PROJECT MANAGER
REVIEWED AND VALIDATED BY:	FILIPINAS DRAVO CORP Architectural & Engineering Consultant	8118498 Erneill : fildravoairto.com.ph Websi	MANUA ALFREDO R. REVILLA	PROJECT MANAGER
REVIEWED AND VALIDATED BY:	L	8118498 Email : fildravo@into.com.ph		PROJECT MANAGER
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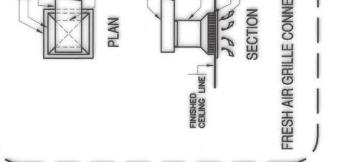


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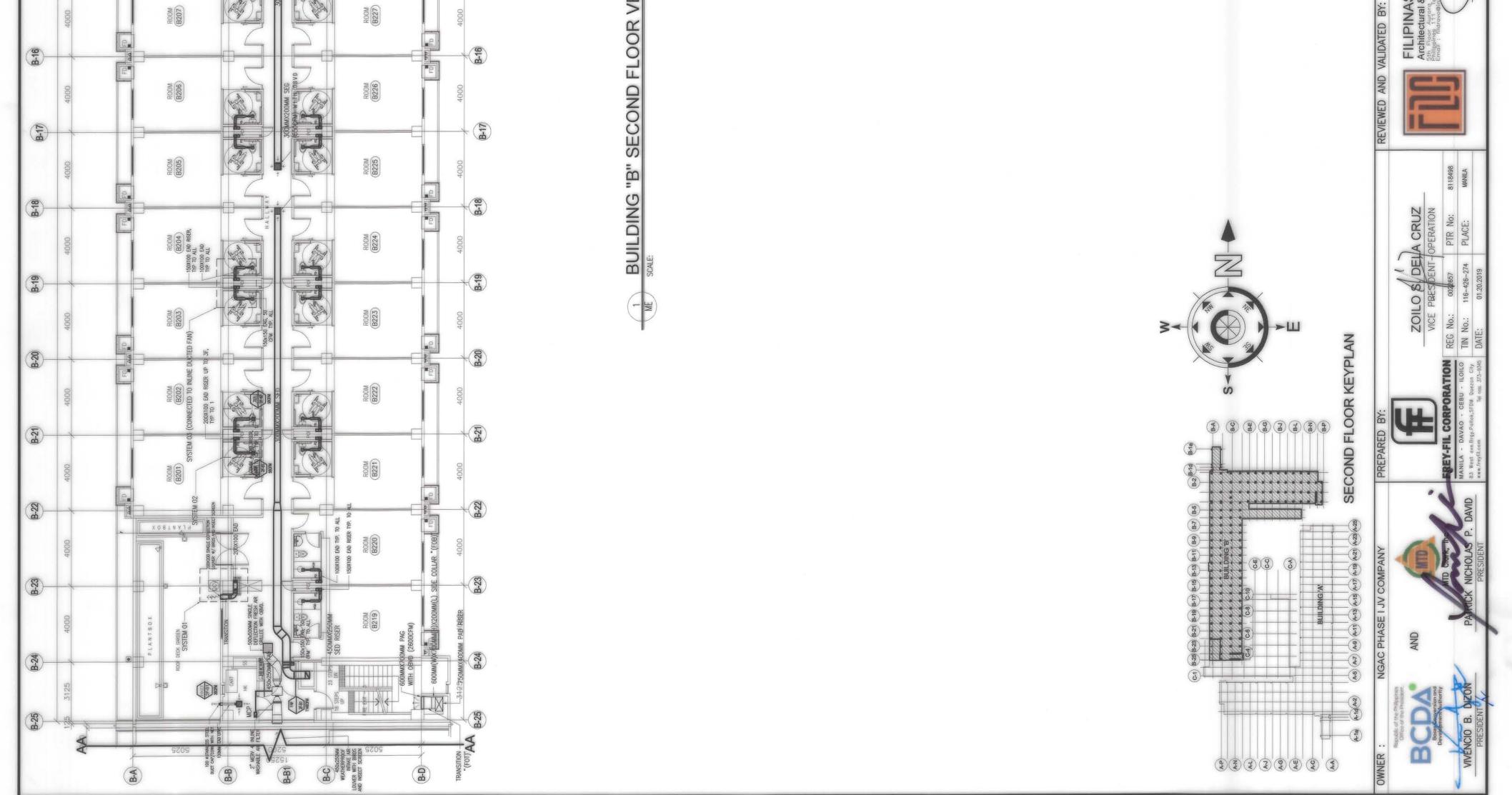
BANDAR HEBAT BUILDERS, INC.

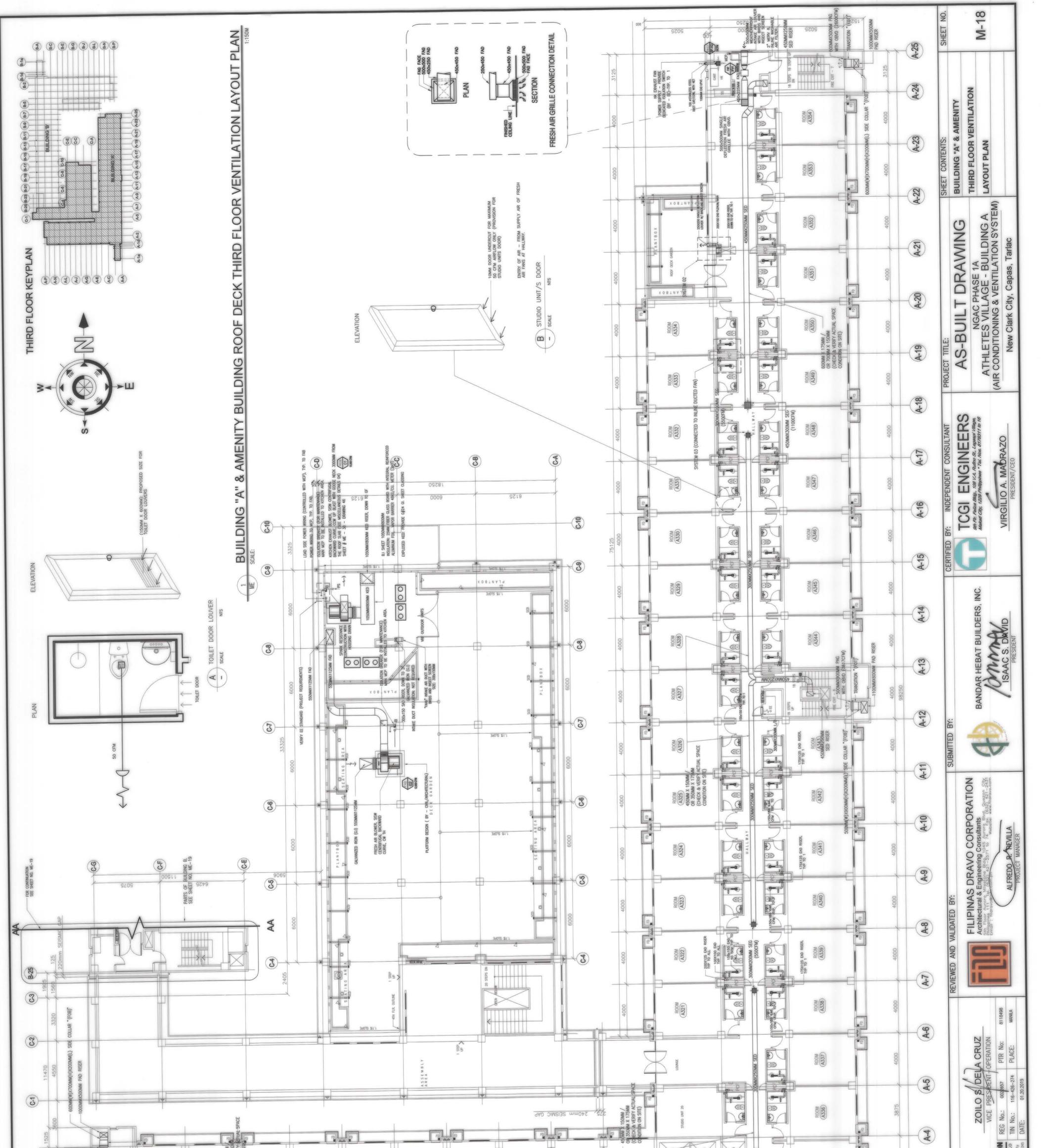
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ALFREDO R. REVILLA

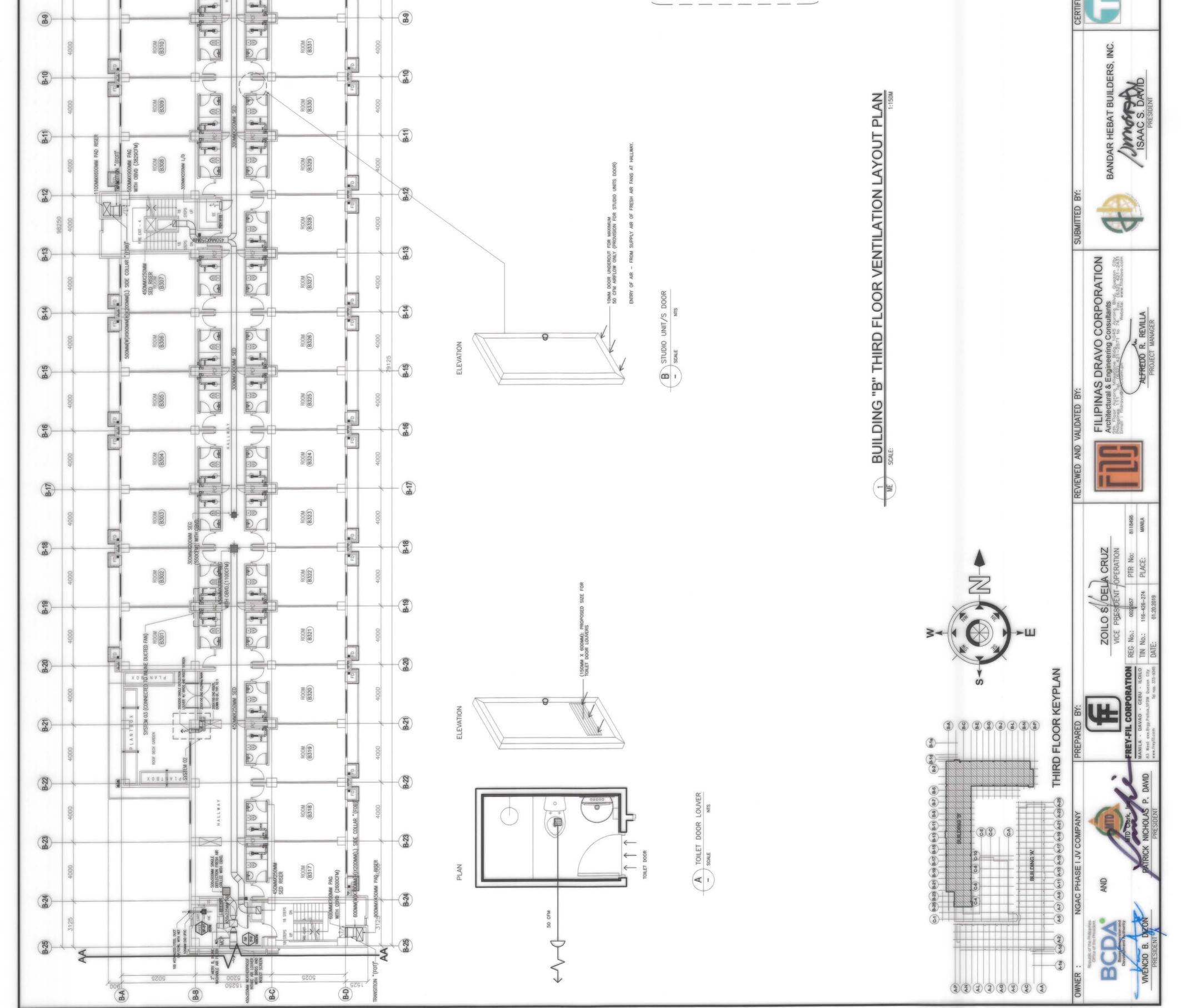
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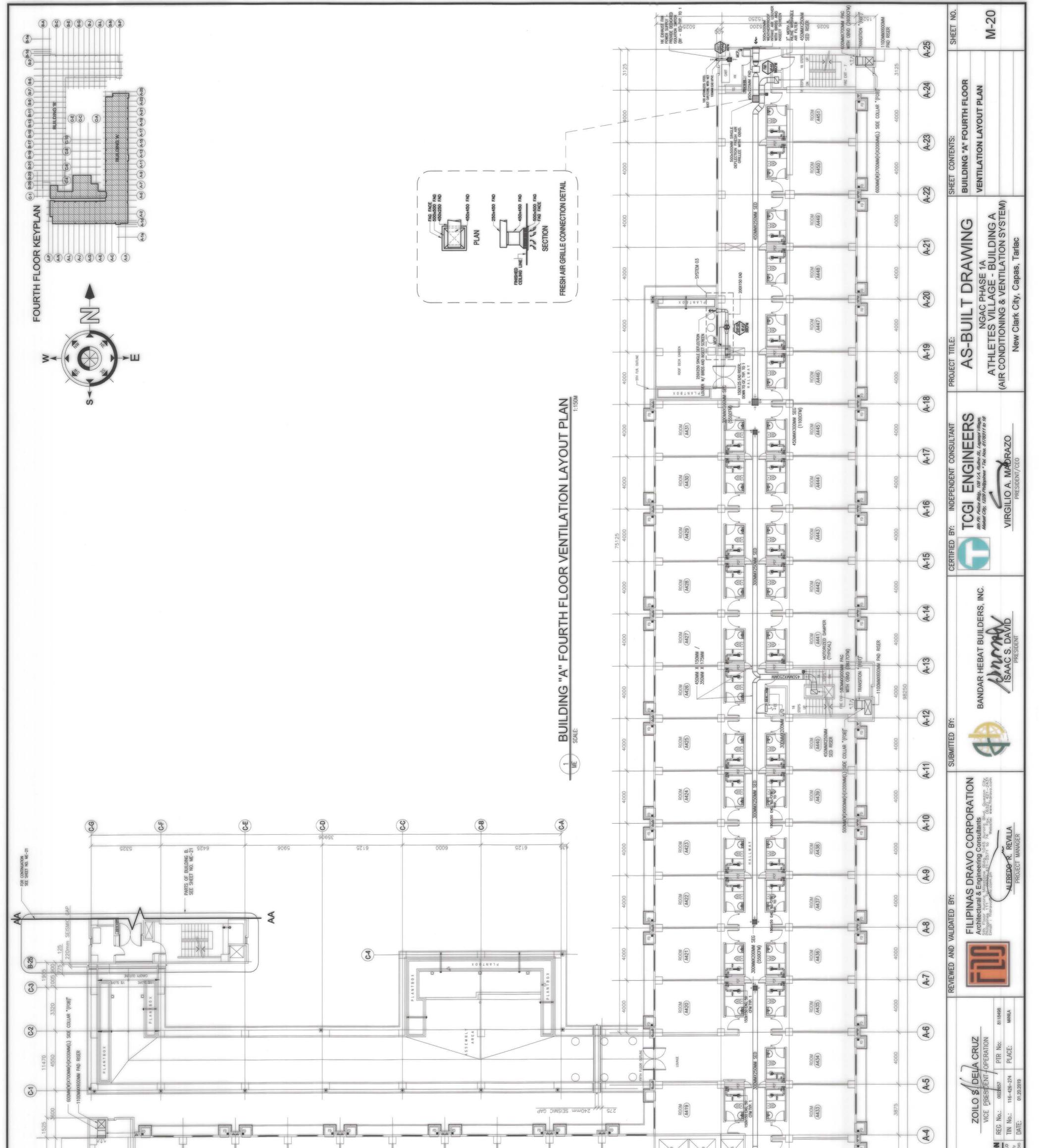




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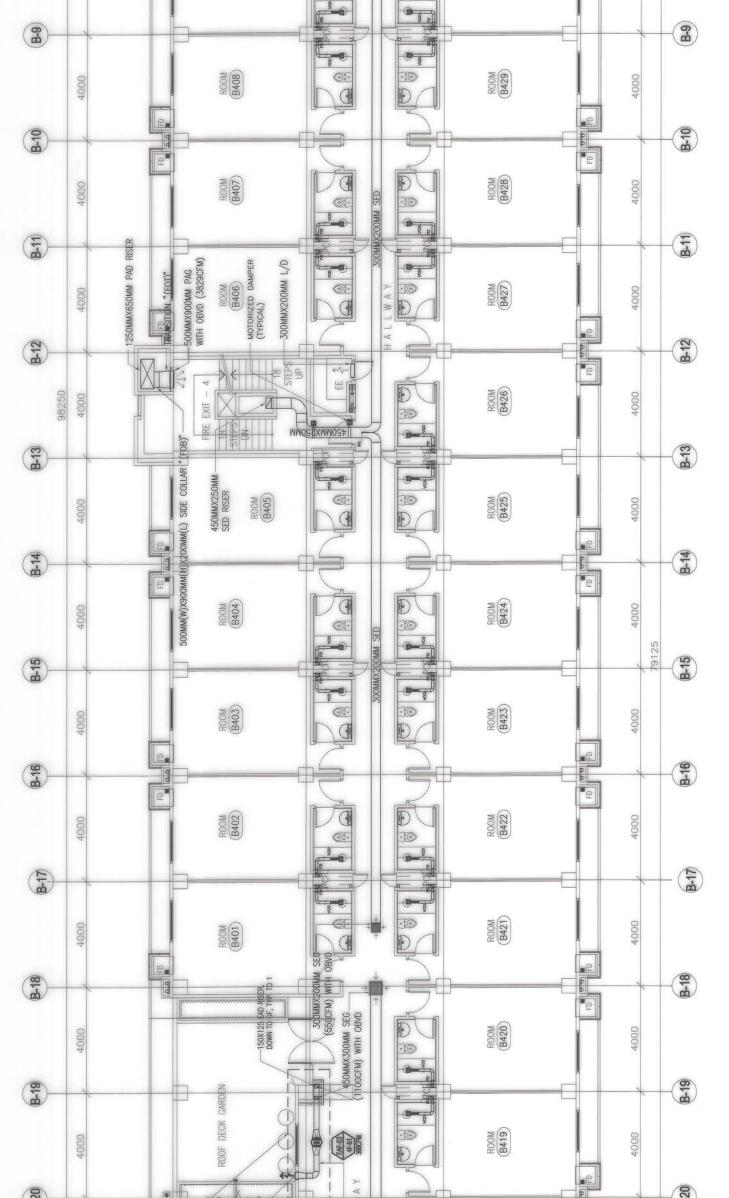
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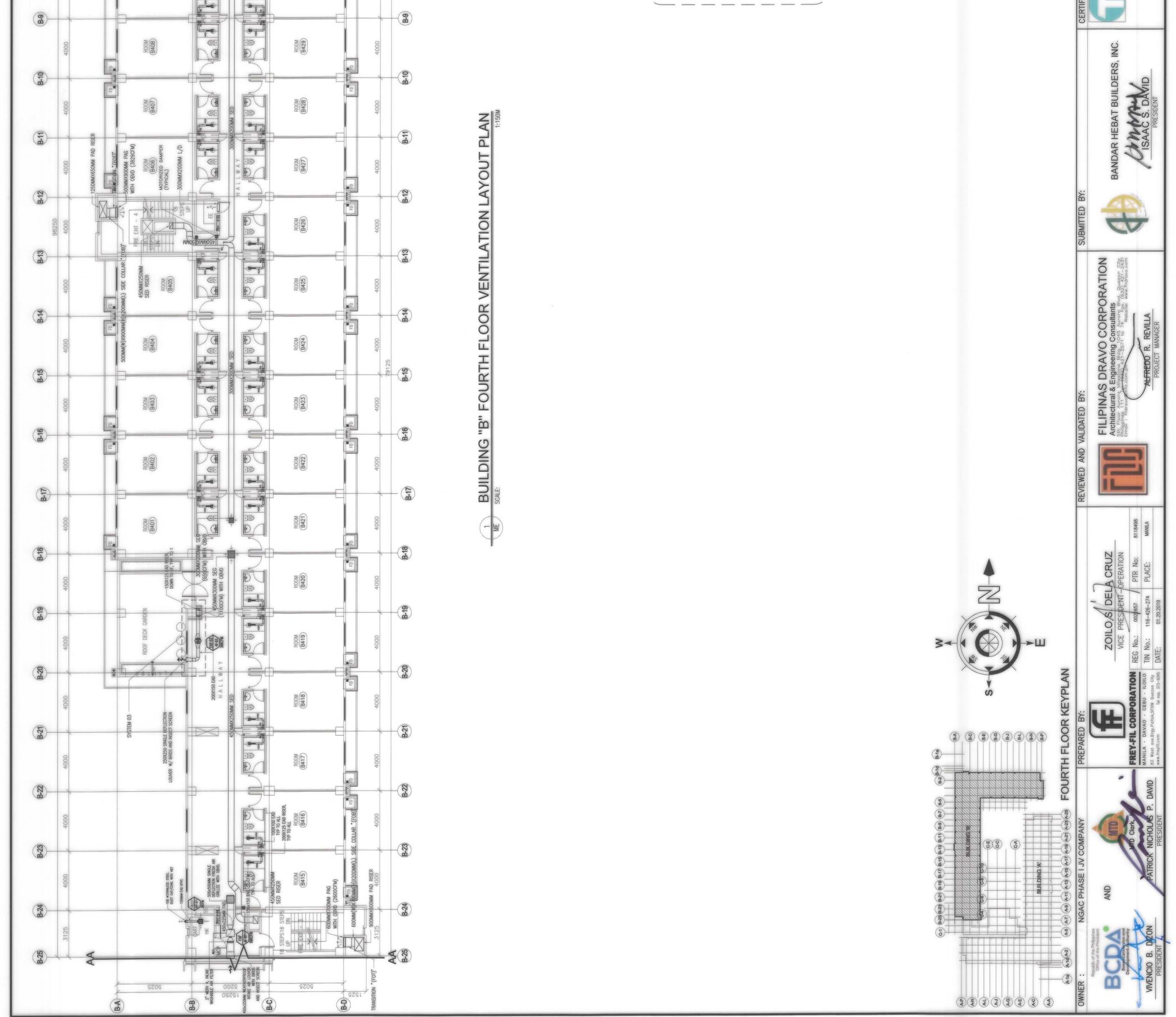


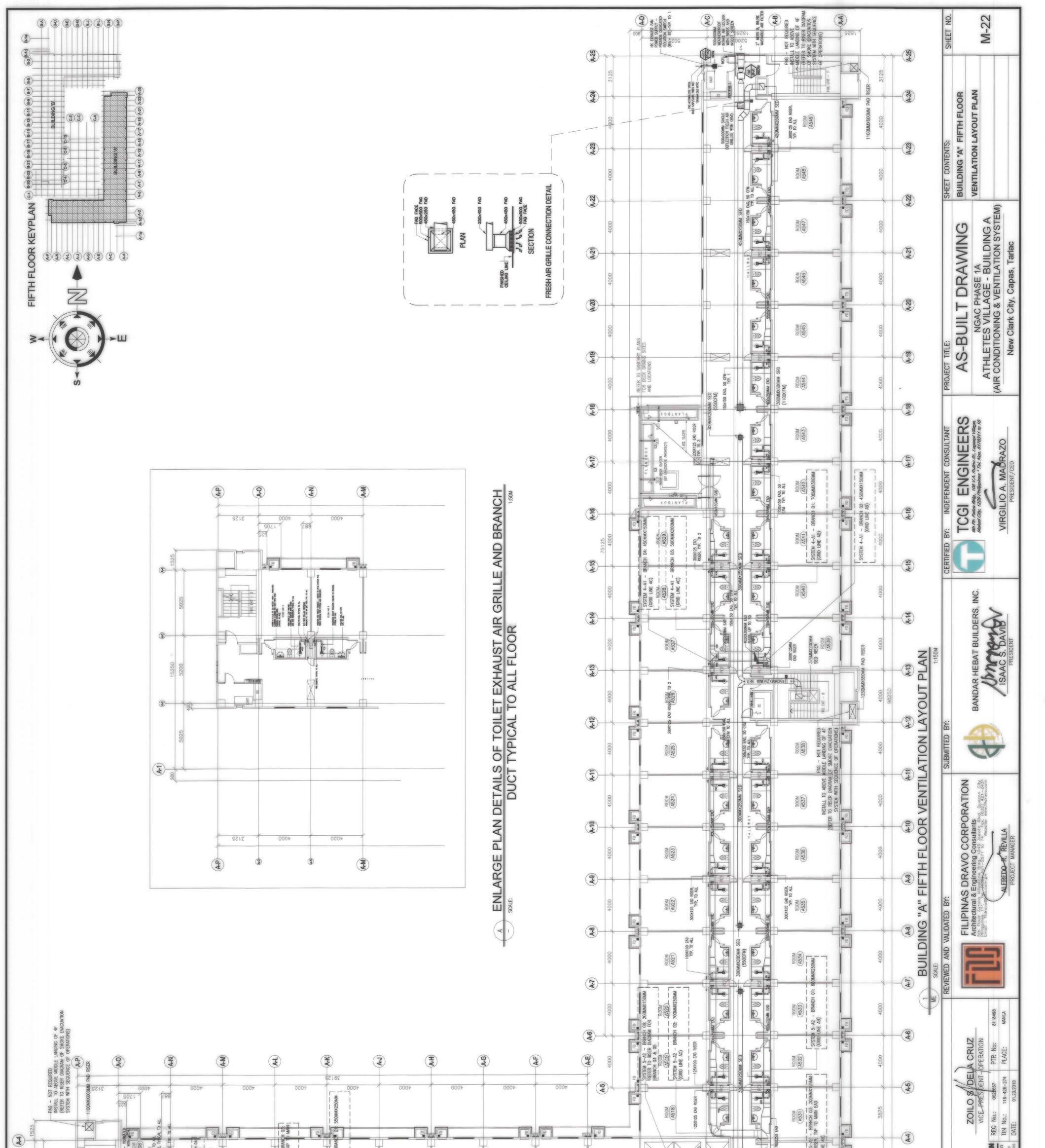
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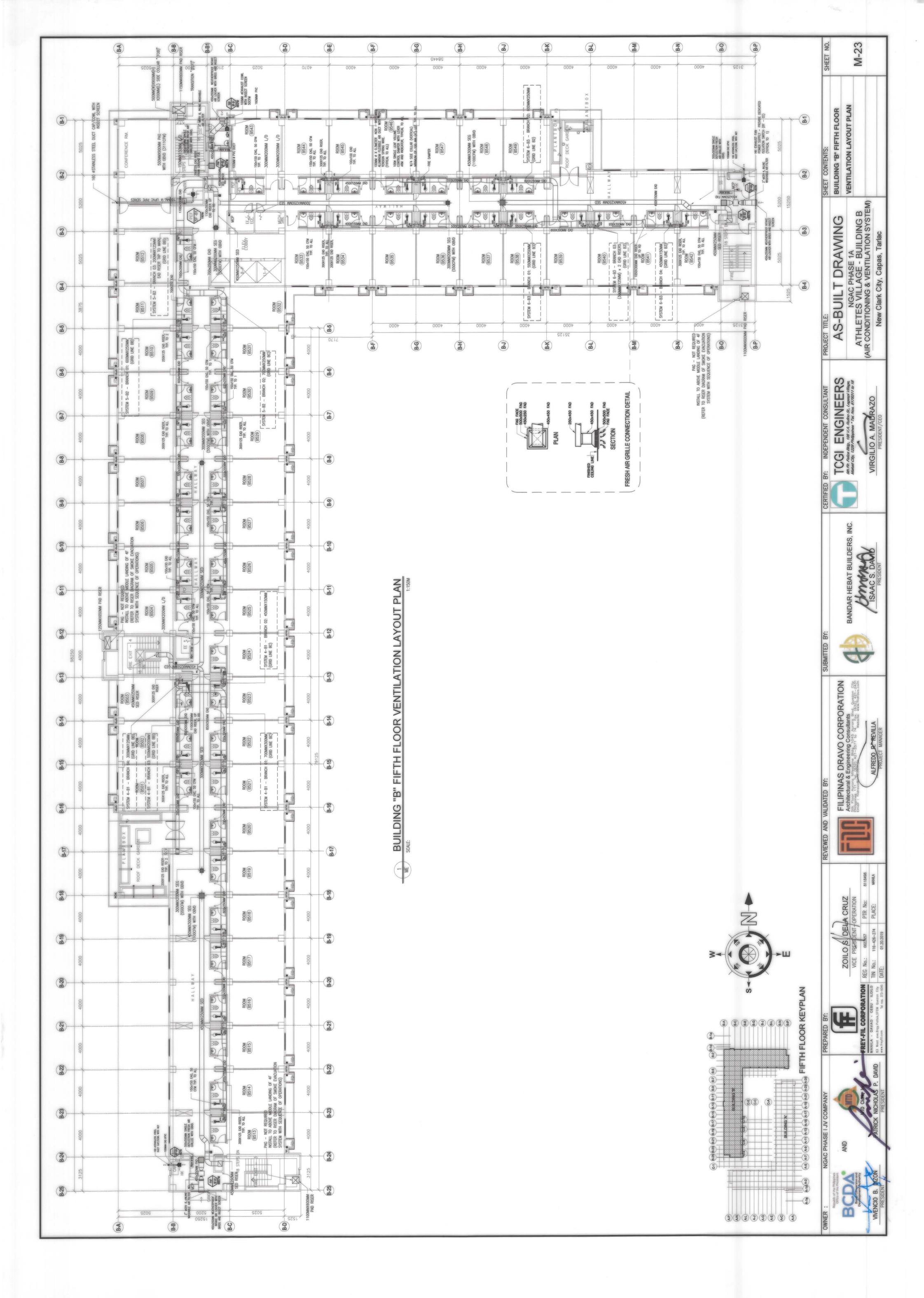


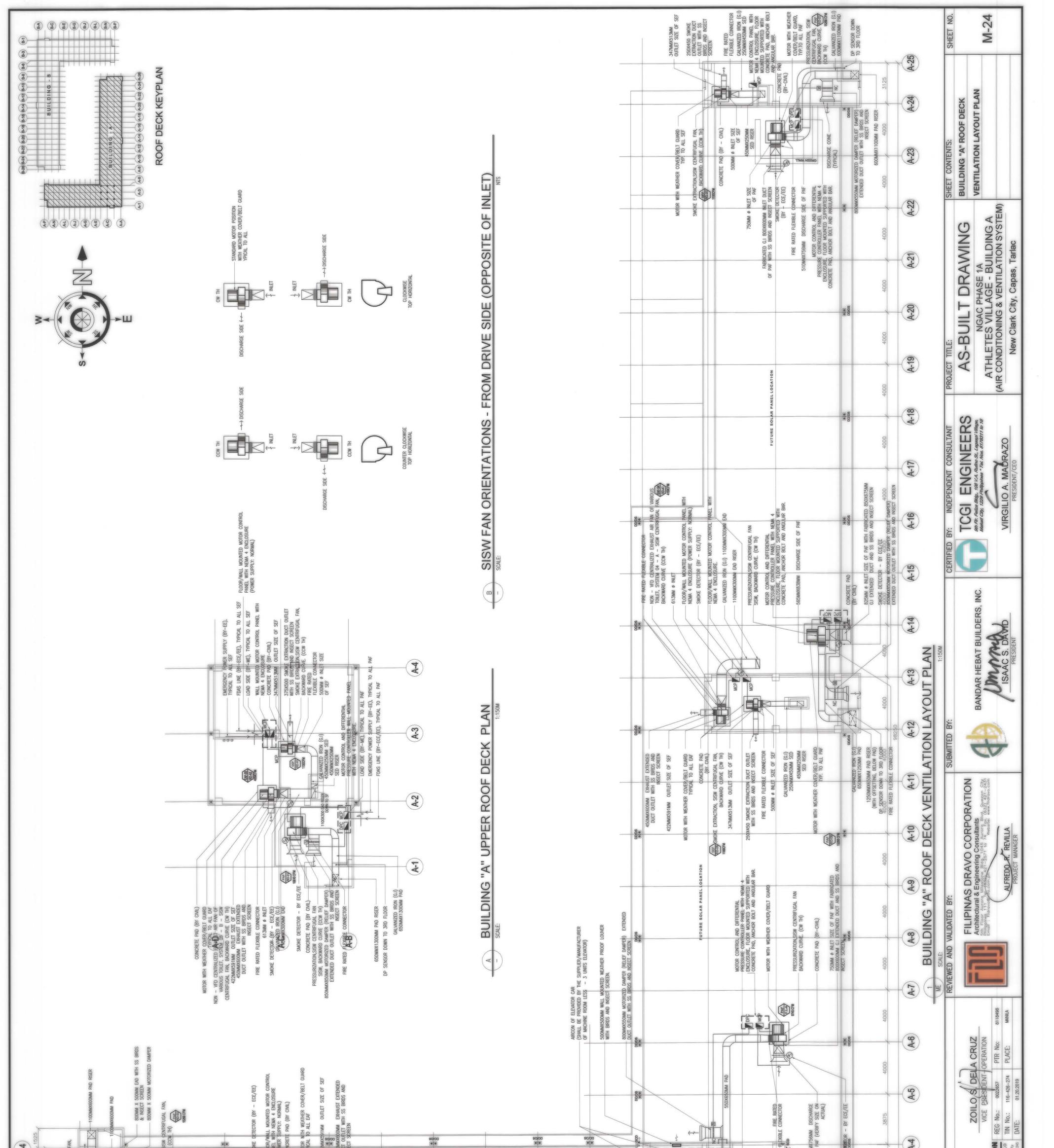






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5025	100MAA FOLLENC 100 SSIMMERS STEEL	600MM X 175MM / 700MM X 150MM (CHECK & VERIFY SPACE ACTUAL CON	PD ROOM ROOF DECK GARDEN GROUN CARDIN (GRID LINE A2)	300MMX300MM SEG (1100CFW) ROOM (502)	ROOM A503 The To ALL ROOM ROOM ROOM ROOM ROOM	ROOM ROOM ROOM ROOM	FD FD FD FD FD FD FD FD FD FD FD FD FD F	1056X300MM EAD HISER	25)300 1625 A-1 AC PHASE I JV COMPA	ATTRICT OF
	4000 3125	000+ 000+	4000 4000	989	0007 ¢000	969 92/ 0007 0207	2100 5025	500MMX900MM PAG 500MMX650MM PAD RISER 500MMX650MM PAD RISER (W)X900MM(H)X200MM(L) TRANSITION "(FOT)"	NG.	Bosse Generation and avelopment Authority





BACKWARD CURVE EXTRACTION, SISW CENTRIP BACKWARD CURVE (COW TH) DPC BACKWARD CURVE (COW TH) BACKWARD CURVE EXTRACTION, SISW CENTRIP BACKWARD CURVE EXTRACTION, SISW CENTRIP		FUTURE SOLAR PANELLOCATION	EXHAUST FAN DE DEDICATED CH (BY - EE) MIL WITH NET WITH NET MA EAD UPVC AM EAD	
5025 5200 5025 5200 5200 5200 5200 5200	1050MMX 300MM EAD FIRE RATED FLEXIBLE CONNECTOR ED EXHAUST AIR FAN OF VARIOUS D EXHAUST AIR FAN OF VARIOUS D EXHAUST CURVE (COW TH) BACKWARD CURVE (COW TH) D ESISMM # INLET		POWER SUPPLY - PROMINISOLATION SWITCH ISOLATION SWITCH ISOLATION SWITCH DUCT CAP/CC DUCT C	5025 5026 520 Base with 12MM t2MM t2MM t2MM t2MM t2MM t2MM t2MM
	NON - VED CENTRALIZE		I I I I I I I I I I I I I I I I I I I	-1b A-1c A-1d A-1 Bases deriver from the Frequencies PLOD B. DION

