RFP 2020-10-02 HVAC Addendum # 2

The Village Building Department will require signed and sealed plans, based on the scope, which includes additional ductwork and load calculations.

Response to questions and Duct Plans Update

1. Are there any more plans than those posted on the website under addendum 1? There should be at least one more HVAC plan showing equipment capacities as we discovered some discrepancies between the indoor and outdoor existing A/C units. Final capacities – including electrical service- will need to be determined taken into account the new areas to be air conditioned, the information on these additional plans requested and the equipment observed during the walk-thru. –

RESPONSE: Please see the updated HVAC Duct Plans

Reference question 1; is there a life safety plan for the building? The scope for this project includes adding conditioned air thru ductwork to the infrastructure room and the stairwell. Life safety plans will show if any of these walls, especially the stairwell, are fire rated.

RESPONSE: We are unable to provide this information at this time.

3. To better clarify, please define the limits of the work related to the ductwork and piping reconnections. Confirm that the refrigerant lines are only being replaced as required to connect the new equipment and also that the new ductwork is limited to what is required to reconnect the new units. All other ductwork and refrigerant lines will then be existing-to-remain.

RESPONSE: New ductwork and refrigerant lines are limited to that necessary to properly connect to existing lines/ductwork. Notwithstanding the request for additional ductwork to stairwell etc.

4. Reference question 3; clarify if the existing-to-remain ductwork inside the mechanical rooms is to be cleaned/sanitized as per item 8 of page 9 of the RFP.

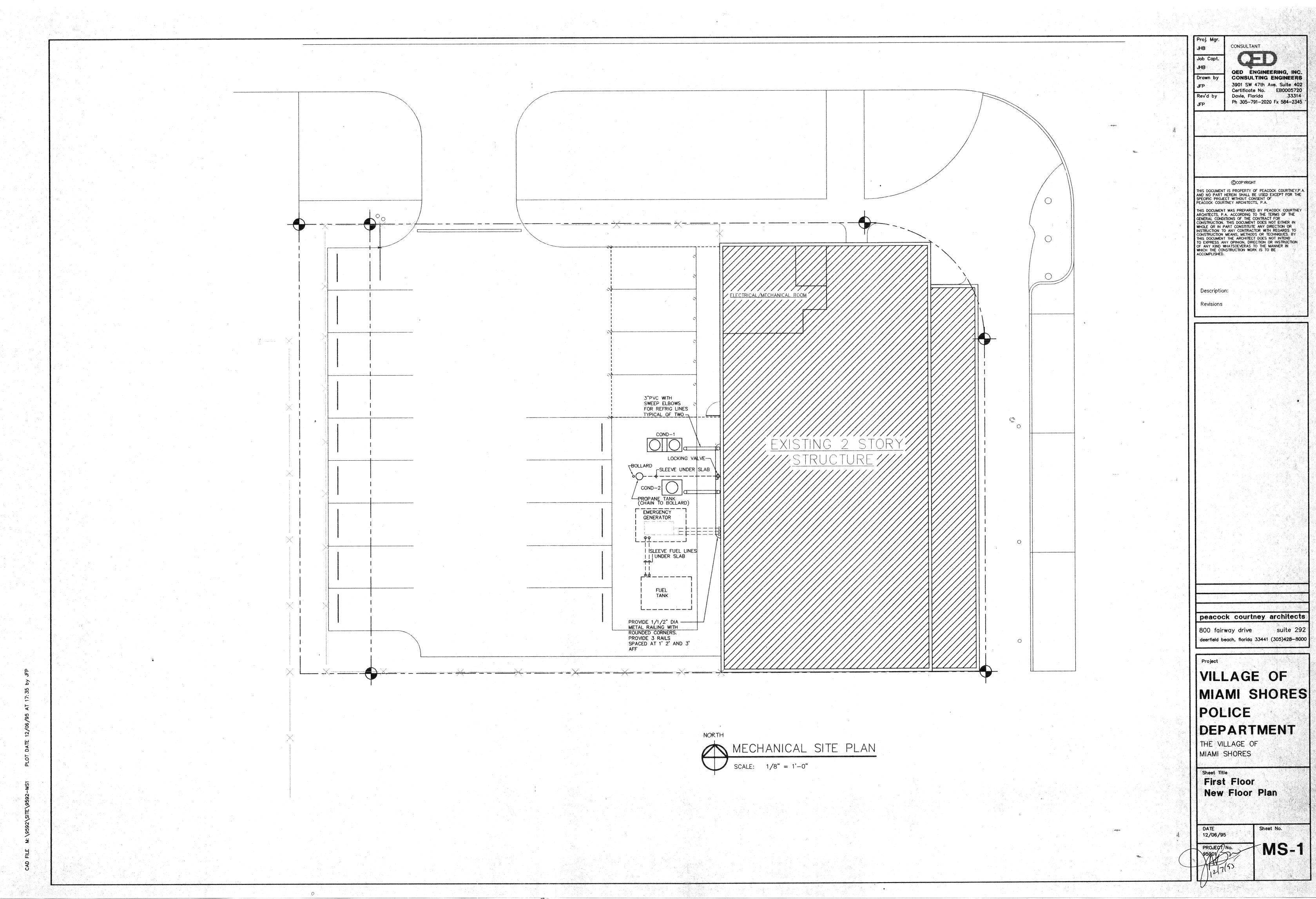
RESPONSE: Only those areas exposed (existing to remain ductwork) and readily accessible during the equipment changeout are required to be cleaned and sanitized.

5. The existing ductwork is internally lined (no external insulation) inside the mechanical room. Confirm the new ductwork is to match the existing.

RESPONSE: New ductwork is to match existing.

6. Confirm the louver and the plywood backing is part of the scope (item 11, page 9) only if it is utilized as a pathway to rig the equipment in and out of the building.

RESPONSE: Correct



								AIR	COND	ITION	NING	UNIT	S	SCHE	DULE										
SELECTIO	N BASED ON :	TRANE SPLIT SYST	TEM		CAPACITIE	ES (MBH)	INC	DOOR FAN	N DATA	T	FAN I	MOTOR		STRIP DA	HEATER	anna konsensisterister			CONDI	ENSER				FILTER TYPE	
DESIG.	AREA SERVED	MODEL NUMBER	EER/ SEER	MFG.	MB	зн	CFM SUPPLY	% O.A.	EXT. S.P IN. W.G.	H.P.	RPM.	VOLTS PHASE	K.W. 5	STEP	VOLTS PHASE	FUSE (AMPS)	MCA	DESIG.	MODEL	NUMBER	VOLTS PHASE	FUSE (AMPS)	MCA	1.	REMARKS
AHU-1	1st FLOOR	TWE180B		TRANE	105.5		5860	11,9	.05"	3.0	1100	240/3	10	1	240/3	45	42	COND-1	TTA180)B	240/3	80	64		
	2nd FLOOR	TWE180B	9.3	TRANE	92.7	154.5	5490	7.3	.05"	3.0	1100	240/3	10	1	240/3	45	42	COND-2	TTA150)B	240/3	70	55.5		
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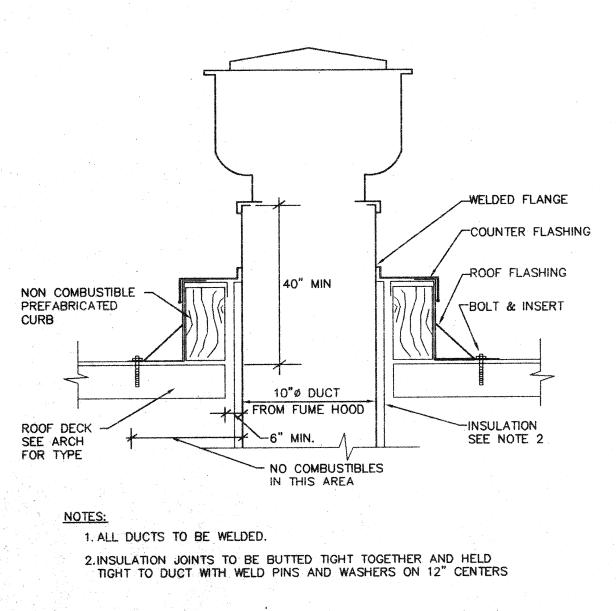
			EXHAUST	FAN	SCHE	EDUL	E				
DESIG.	LOCATION	MANUFACTURER	MODEL No.	CFM	E.S.P.	FAN RPM	H.P. (WATTS)	VOLT/PH.	DRIVE	WALL/ROOF OPENING	SPECIAL FEATURES
EF-1 1s	st FLOOR	PENN	WXQ82	430	.125"	1750	1/12	120/1	D	WALL	1
EF-2 2r	nd FLOOR	PENN	AQ10L	1050	.125"	1525	1/4	120/1	D	ROOF	1
EF-3 2r	nd FLOOR	PENN	FMX9Q	720	.25"	1750	1/6	120/1	D	ROOF	1

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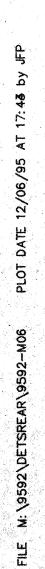
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OUTS	IDE AIR SCHE	EDULE	ASHR	AE 62-	-1989
UNIT No.	AREA SERVED	# OF PEOPLE	CFM PER PERSON	FA REQ'D	FA SUPPLIED
AHU-1	1st FLOOR	35	20	700	750
AHU-2	2nd FLOOR	20	20	400	450
			TOTAL	1100	1200
				EXCESS	100

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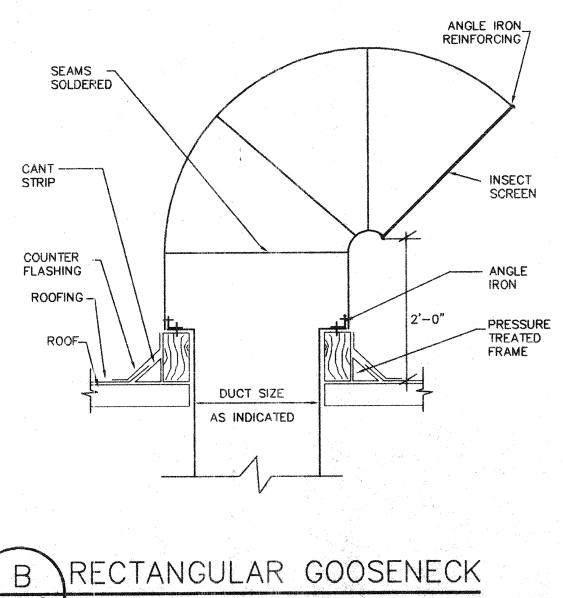


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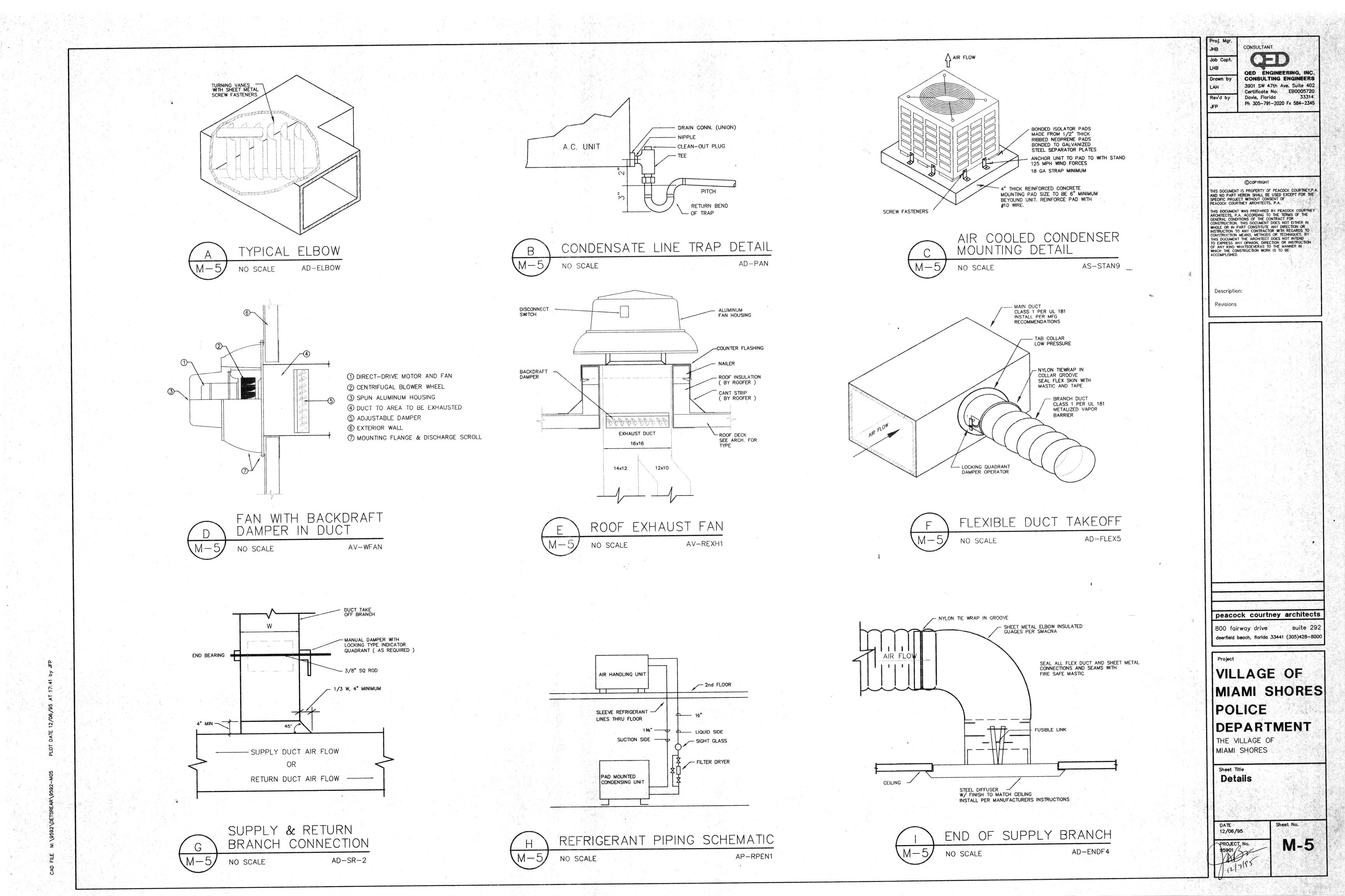
			and a second
	DIFFUS	ER & GRILL	SCHEDULE
DESIG.	MANUFACTURER	MODEL No.	REMARKS
$\left\langle \begin{array}{c} S\\1 \end{array} \right\rangle$	TITUS	TMS	2 x 2
$\left\langle \frac{S}{2} \right\rangle$	TITUS	TMS-AA	2 x 2 ALUMINUM
$\left(\begin{array}{c} S\\ 3 \end{array} \right)$	TITUS	SG-TDC	12 x 12
$\left\langle \begin{array}{c} S\\ 4 \end{array} \right\rangle$	TITUS	TMS-FR	2 x 2, FIRE RATED
	TITUS	350 FL	16 x 16
$\left\langle \frac{E}{2} \right\rangle$	TITUS	350 FL - 0	12 x 12 W/ OBD
$\left\langle \begin{array}{c} R \\ 1 \end{array} \right\rangle$	TITUS	CT-700	6 x 6, 10 x 6
	1		•

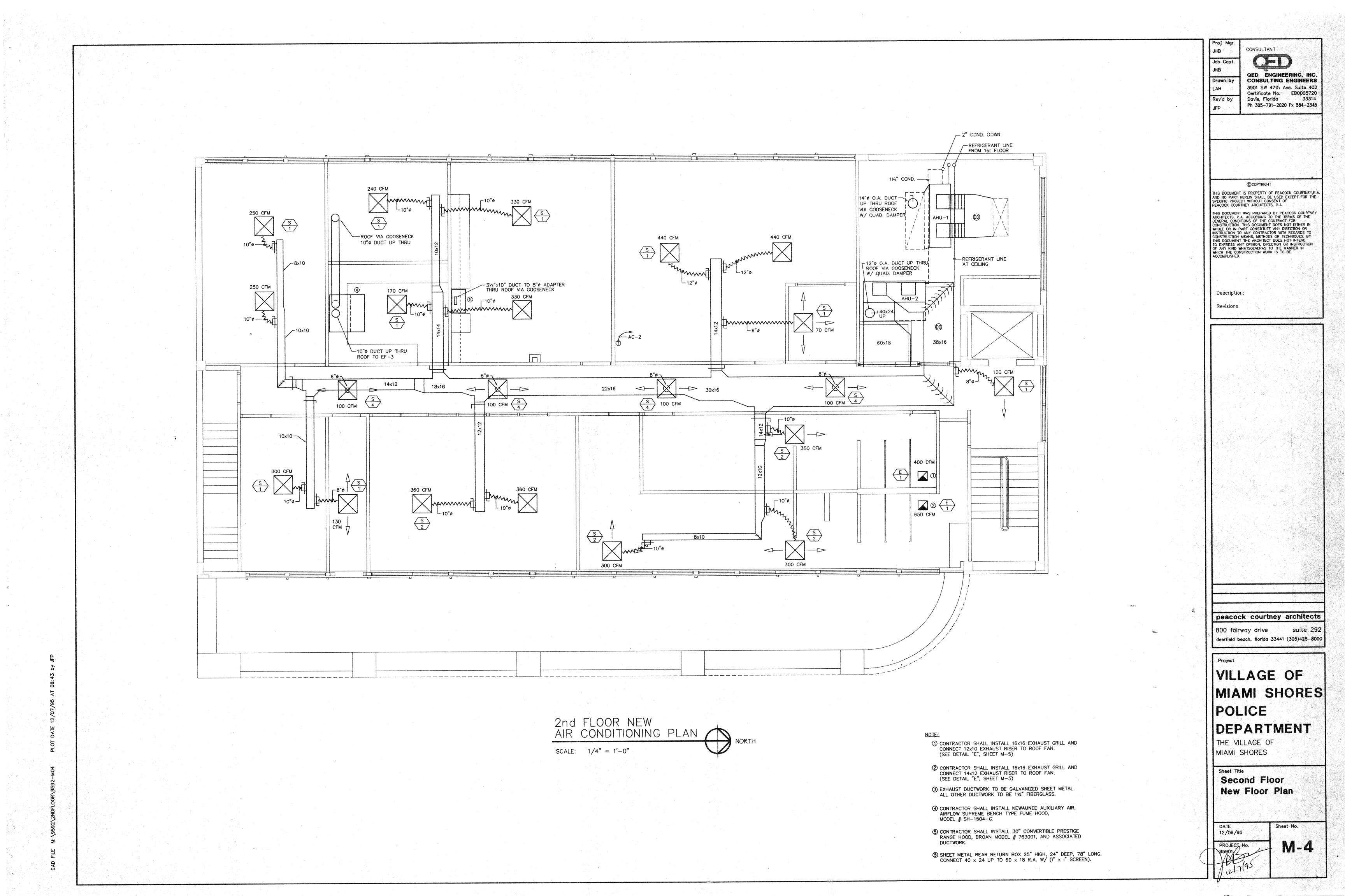
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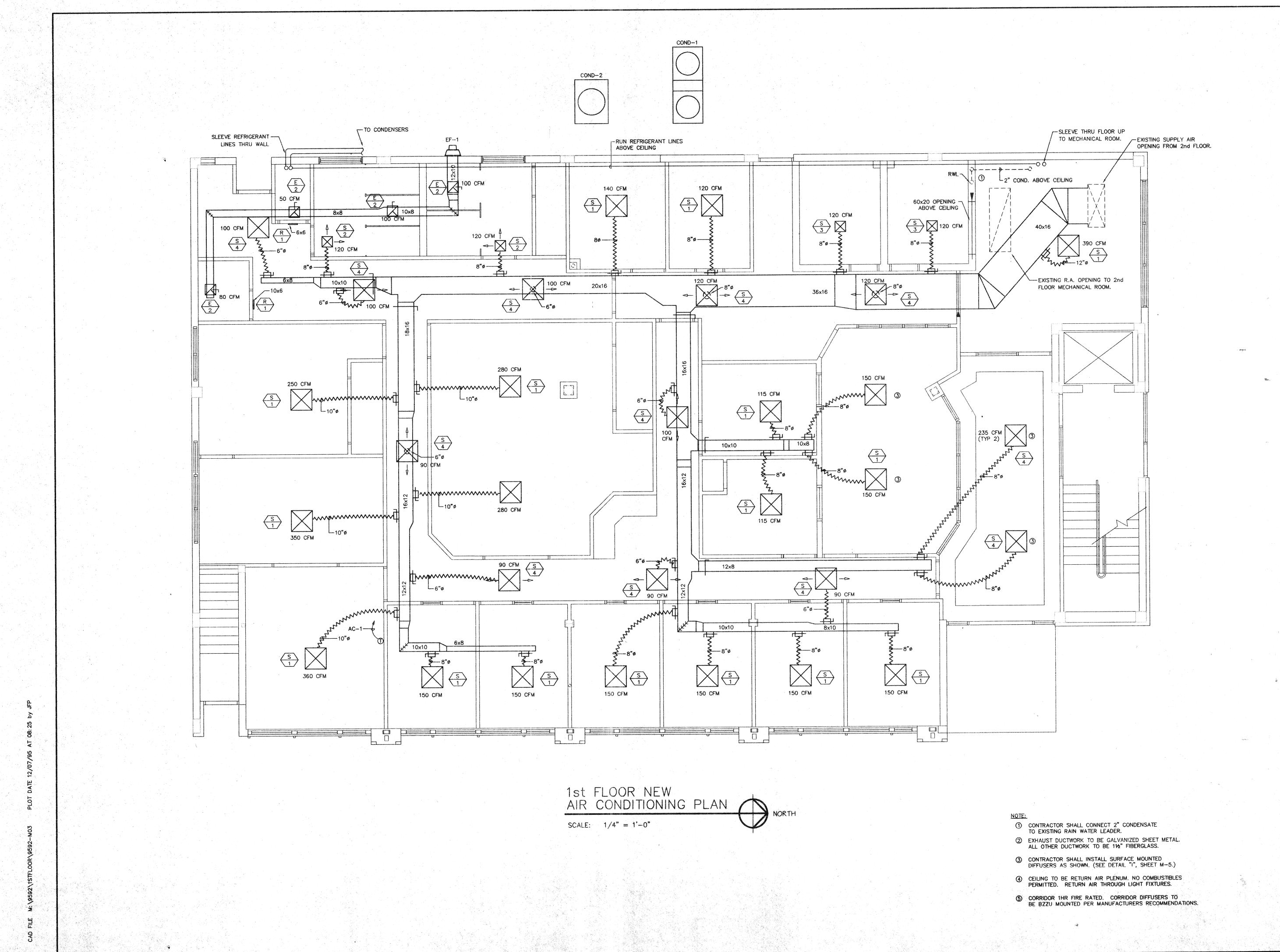


M-61 NO SCALE AV-GNCK1

AIR CON	DITIONING SYMBOL LEGEND	JHB Job Capt.	CONSULTANT
		JHB Drawn by	QED ENGINEERING, IN CONSULTING ENGINEER
SYMBOL	DEFINITION ABBREVIATIO	NLAH	3901 SW 47th Ave. Suite 4 Certificate No. EB00057
	EXISTING DUCTWORK (SINGLE LINE)	Rev'd by JFP	Davie, Florida 333 Ph 305–791–2020 Fx 584–23
	EXISTING DUCTWORK (DOUBLE LINE)		
* * * * -5	EXISTING DUCTWORK TO BE REMOVED (SINGLE LINE)		
	EXISTING DUCTWORK TO BE REMOVED		
<u>N X N</u>	NEW DUCTWORK (1st N = SIZE OF SIDE SHOWN)		
,·····s	FLEXIBLE DUCT		
	FIRE DAMPER FD		
	SMOKE DAMPER SD	AND NO PART I	IS PROPERTY OF PEACOCK COURTNEY HEREIN SHALL BE USED EXCEPT FOR T CT WITHOUT CONSENT OF TNEY ARCHITECTS, P.A.
	FSD	THIS DOCUMENT ARCHITECTS, P.	WAS PREPARED BY PEACOCK COURT A. ACCORDING TO THE TERMS OF THE
	VOLUME DAMPER VD	CONSTRUCTION. WHOLE OR IN P	ITIONS OF THE CONTRACT FOR THIS DOCUMENT DOES NOT EITHER IN ART CONSTITUTE ANY DIRECTION OR O ANY CONTRACTOR WITH REGARDS TO
	OPPOSED BLADE DAMPER	CONSTRUCTION THIS DOCUMENT TO EXPRESS AN	MEANS, METHODS OR TECHNIQUES. BY THE ARCHITECT DOES NOT INTEND ANY OPINION, DIRECTION OR INSTRUCTION
· · · · · · · · · · · · · · · · · · ·	ELECTRIC DUCT HEATER EDH	OF ANY KIND W WHICH THE CON ACCOMPLISHED.	HATSOEVERAS TO THE MANNER IN ISTRUCTION WORK IS TO BE
	DUCT DROP W/ BOTTOM FLAT		
	DUCT RISE W/ TOP FLAT		
		Description	n:
	VANED ELBOW – PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH TURNING VANES.	Revisions	
	CEILING DIFFUSER CD		
	RETURN REGISTER OR GRILLE RG		
$\mathbb{E} \boxtimes \mathbb{R}$	EXHAUST REGISTER OR GRILLE		
	SIDEWALL REGISTER SW		
	LINEAR DIFFUSER		
691-	DOOR GRILLE DG		
	POSITIVE PRESSURE DUCT		
	NEGATIVE PRESSURE RETURN DUCT		
	NEGATIVE PRESSURE EXHAUST DUCT		
	DUCT DETECTOR DD		
AC / AHU	AIR CONDITIONER/AIR HANDLING UNIT AC or AHU		
VAV	VARIABLE AIR VOLUME UNIT		
⟨×	EXISTING PIPING TO BE REMOVED		
CD	CONDENSATE PIPE CD CHILLED WATER SUPPLY CHWS		
	CHILLED WATER RETURN CHW	日本有效的 网络	
CWS	CONDENSER WATER SUPPLY CWS		
CWR-	CONDENSER WATER RETURN CWR		
	GATE VALVE		
	BUTTERFLY VALVE , CV		
	BALL VALVE		
	3/4" GATE VALVE WITH HOSE END ADAPTER	peacoo	k courtney archite
	BALANCING VALVE		way drive suite
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	AUTOMATIC CONTROL VALVE		
X4	STRAINER WITH BLOW DOWN	Project	
	UNION		LAGE OF
FS	FLOW MEASURING STATION		MI SHORE
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~~~	BOTTOM CONNECTION WITH SWING JOINT	이 지수 🚺 이 🚺 한 것이 가지 않는 것 같은 것	LLAGE OF SHORES
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Proj. Mgr. CONSULTANT JHB Job Capt. JHB OED ENGINEERING, INC Drawn by CONSULTING ENGINEERS 3901 SW 47th Ave. Suite 402 LAH Certificate No. EB0005720 Rev'd by 33314 Davie, Florida Ph 305-791-2020 Fx 584-2345 JFP **©**COPYRIGHT THIS DOCUMENT IS PROPERTY OF PEACOCK COURTNEY, P.A. AND NO PART HEREIN SHALL BE USED EXCEPT FOR THE SPECIFIC PROJECT WITHOUT CONSENT OF PEACOCK COURTNEY ARCHITECTS, P.A. THIS DOCUMENT WAS PREPARED BY PEACOCK COURTNEY ARCHITECTS, P.A. ACCORDING TO THE TERMS OF THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION. THIS DOCUMENT DOES NOT EITHER IN WHOLE OR IN PART CONSTITUTE ANY DIRECTION OR INSTRUCTION TO ANY CONTRACTOR WITH REGARDS TO CONSTRUCTION MEANS, METHODS OR TECHNIQUES. BY THIS DOCUMENT THE ARCHITECT DOES NOT INTEND TO EXPRESS ANY OPINION, DIRECTION OR INSTRUCTION OF ANY KIND WHATSOEVERAS TO THE MANNER IN WHICH THE CONSTRUCTION WORK IS TO BE ACCOMPLISHED. Description: Revisions peacock courtney architects 800 fairway drive suite 292 deerfield beach, florida 33441 (305)428-8000 Project VILLAGE OF MIAMI SHORES POLICE DEPARTMENT THE VILLAGE OF MIAMI SHORES Sheet Title First Floor New Floor Plan DATE Sheet No. 12/06/95 M-3 PROJECT No. 9590 1/12/7/95

