					DUCT INSULATION	SCHE	DULE						
					SPECIFIED INSULATION							CODE REQUIR ASHRAE 90.1	
DUCT LOCATION			PPLY AIR DUCTWO				RETURN AIR DUCTWO	RK			HTG SUPPLY SUPPLY	CLG SUPPLY	HTG / CLG
		TYPE (SEE SPECS FOR ADD'L DETAILS)	THICKNESS (INCH)	R - VALUE	REMARKS		TYPE (SEE SPECS FOR ADD'L DETAILS)	THICKNESS (INCH)	R - VALUE	REMARKS			
CONDITIONED SPACE	D-1	MINERAL FIBER BLANKET	1.5	4.5	REQUIRED WHERE DUCT IS NOT INTERNALLY LINED	-	-	1.5	4.5	NOT REQUIRED	NR	NR	NR
UNCONDITIONED SPACE [A]	D-1	MINERAL FIBER BLANKET	2	6.0		D-1	MINERAL FIBER BLANKET	2	6.0		NR	R-1.9	R-3.5

NOTES: 1. DUCTWORK CONVEYING OUTDOOR AIR TO BE INSULATED WITH TYPE D-1 MINERAL FIBER BLANKET INSULATION MINIMUM 2" THICK PROVIDING VALUE OF R-6 2. PLENUMS FOR OUTDOOR AIR INTAKE OR RELIEF/EXHAUST AIR WHICH ARE EXPOSED TO OUTDOOR AIR TO BE INSULATED WITH TYPE D-1 MINERAL FIBER BLANKET 2" THICK W/ R-VALUE OF 6 OR D-2 MINERAL FIBER BOARD 1.5" THICK W/ R-VALUE OF 6.5. PROVIDE WATER PROOF FOIL SCRIM AND INSURE EXTERIOR FACING IS WATER PROOF AFTER INSTALLATION.

GENERATOR EXHAUST PIPING TO BE INSULATED WITH (3) LAYERS OF 1.5" THICK TYPE P-4 CALCIUM SILICATE INSULATION MINIMUM 4.5" THICK TO LIMIT SURFACE TEMPERATURES TO 200F AS REQUIRED BY 2014 NYC MC 811.1.3 4. KITCHEN GREASE HOOD EXHAUST TO BE EXTERNALLY INSULATION WITH TYPE D-3 FIRE RATED BLANKET OR AS REQUIRED TO MAINTAIN MINIMUM 2HR FIRE RESISTANCE RATING.

[A]. INCLUDES CRAWL SPACES, BOTH VENTILATED AND NONVENTILATED, SHAFTS OUTSIDE OF BUILDING'S THERMAL ENVELOPE [B]. INCLUDES RETURN AIR PLENUMS W/ OR W/O EXPOSED ROOFS ABOVE, SHAFTS W/IN BUILDING'S THERMAL ENVELOPE, UTILITY ROOMS WHOLLY OR MOSTLY ENCLOSED BY CONDITIONED SPACES.

									PI	PE INSULATION SCHED	ULE								
			CODE REQUIREMENT	(ASHRAE	E 9 <i>0</i> .1-201	3)						SPECIFIED IN	SULATIC	N					
	FLUID		INSULATION		NOMINAL	. PIPE SIZE (INCHES)			INS	BULATION					NOMINA	L PIPE SIZE (INC	HES)	
APPLICATION	OPERATING TEMP	MEAN RATING TEMP	CONDUCTIVITY BTU.IN /(H.FT2.°F)	0.75	1.0 to 1.25	1.5 to 3.5	4.0 to 7.0	≥8.0			Jacket Type (Interior	Jacket Type (Exterior			0.75	1.0 to 1.25	1.5 to 3.5	4.0 to 7.0	≥8.0
	(°F)	(°F)	DT0.IN7(H.IT2.T)		INSULATION	THICKNES	S (INCHES)				Installation)	Installation)				INSULATIC	N THICKNESS (11	ICHES)	
CHILLED WATER	40-60	75	0.21-0.27	0.5	0.5	1.0	1.0	1.0	P-1	MINERAL-FIBER	ASJ	O.16" Aluminum	75	0.23	0.5	1.0	1.0	1.0	1.0
HEATING HOT WATER	105-140	1 <i>00</i>	0.22-0.28	1.0	1.0	1.5	1.5	1.5	P-1	MINERAL-FIBER	LEA	0.16" Aluminum	1 <i>00</i>	0.24	1.0	1.0	1.5	1.5	1.5
CONDENSATE DRAIN	40-60	_	NR	NR	NR	NR	NR	NR	P-3	CLOSED CELL FLEXIBLE ELASTOMERIC	NOT REQUIRED	0.16" Aluminum	75	0.245	0.5	0.5	0.5	0.5	0.5

NOTES:

NR - NOT REQUIRED BY CODE 1. TYPE P-1: MINERAL FIBER, PREFORMED PIPE INSULATION:

PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, ASTM C547 GLASS FIBER PIPE INSULATION WITH THERMAL CONDUCTIVITY (K FACTOR) NOT EXCEEDING 0.23 (BTU X IN) / (HR X FT 2 X DEG F) AT 75 DEG F MEAN TEMPERATURE. INSULATION SHALL BE JACKETED WITH WHITE REINFORCED ALL SERVICE VAPOR RETARDING JACKETING. VAPOR BARRIER MASTIC SHALL BE FOSTER 30-80 OR CHILDERS CP-35. ADHESIVE SHALL BE CHILDERS CP-82. AT THE SUBCONTRACTOR'S OPTION, SELF SEALING LAP JACKETING WITH ADHESIVE RELEASE STRIPS ON BOTH THE LAP AND THE JACKET MAY BE USED. NO EXPOSED STAPLES WILL BE ALLOWED. FIBERGLASS INSULATION SHALL BE INSTALLED IN ALL AREAS WHERE THE PIPING SYSTEM IS EXPOSED WITHIN DUCTS OR IN RETURN AND SUPPLY AIR PLENUMS. PROVIDE ONE OF THE FOLLOWING: FIBREX INSULATIONS INC.; COREPLUS 1 200., JOHNS MANVILLE; MICRO-LOK HP II. TYPE I, 850 DEG F MATERIALS: MINERAL OR GLASS FIBERS BONDED WITH A THERMOSETTING RESIN. COMPLY WITH ASTM C 547, TYPE I, GRADE A. III. TYPE II, 1200 DEG F MATERIALS: MINERAL OR GLASS FIBERS BONDED WITH A THERMOSETTING RESIN. COMPLY WITH ASTM C 547, TYPE II, GRADE A.

B. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, TRYMER 2000 XP BY ITW INSULATION, POLYISOCYANURATE FOAM PIPE INSULATION WITH THERMAL CONDUCTIVITY (K FACTOR) NOT EXCEEDING 0.19 (BTU X IN) / (HR X FT 2 X DEG F) AT 75 DEG F MEAN TEMPERATURE. INSULATION SHALL BE JACKETED WITH SARAN, 560 OR 520 PVDC VAPOR RETARDER TAPE AND FILM WITH SELF SEALING TAPE. ASJ PAPER IS NOT ACCEPTABLE. EACH 36"LONG PIPE INSULATION SECTION SHALL BE ADDITIONALLY SECURED WITH FILAMENT TAPE OR 2" SARAN TAPE DOUBLE-WRAPPED CENTERED ON 15". VAPOR BARRIER MASTIC SHALL BE FOSTER 85-20 OR CHILDERS CP-35. ADHESIVE FOR LAPS SHALL BE FOSTER 85-75 OR CHILDERS CP-82. PUMPS, VALVES AND FITTINGS SHALL BE THE FABRICATED TRYMER WITH 20 X 20 GLASS FABRIC SEALED WITH FOSTER 80-20 VAPOR BARRIER MASTIC. TYPE B POLYISOCYANURATE FOAM INSULATION SHALL BE INSTALLED ONLY ON CHILLED AND HEATING HOT WATER PIPING (NOT EXCEEDING 300 DEG F) OR EQUAL. COMPARABLE PRODUCTS SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS BY ONE OF THE FOLLOWING: APACHE PRODUCTS COMPANY, DUNA USA INC, DUPONT, ELLIOT COMPANY

COMPLY WITH ASTM C 591, TYPE I OR TYPE IV, EXCEPT THERMAL CONDUCTIVITY (K-VALUE) SHALL NOT EXCEED 0.19 BTU X IN./H X SQ. FT. X DEG F AT 75 DEG F AFTER 180 DAYS OF AGING. FLAME-SPREAD INDEX SHALL BE 25 OR LESS AND SMOKE-DEVELOPED INDEX SHALL BE 50 OR LESS FOR THICKNESS UP TO 1-1/2 INCHES AS TESTED BY ASTM E 84. IV. FABRICATE SHAPES ACCORDING TO ASTM C450 AND ASTM 585

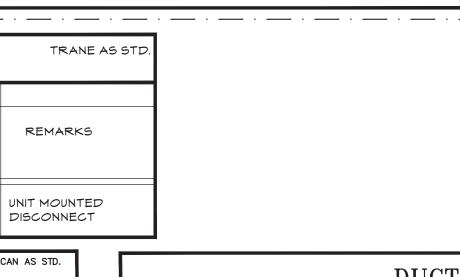
3. TYPE P-3: FLEXIBLE ELASTOMERIC: CLOSED-CELL, SPONGE- OR EXPANDED-RUBBER MATERIALS. COMPLY WITH ASTM C 534, TYPE I FOR TUBULAR MATERIALS AND TYPE II FOR SHEET MATERIALS. PRODUCTS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, ARMSTRONG TYPE AP ARMAFLEX OR RUBATEX R 180-FS 25/50 RATED FLEXIBLE ELASTOMER PIPE INSULATION. INSULATION SHALL HAVE A THERMAL CONDUCTIVITY (K FACTOR) OF NOT MORE THAN 0.245 (BTU X IN) / (HR X FT2 X DEG F) AT 75 DEG F MEAN TEMPERATURE WHEN TESTED BY ASTM C177 AND A WATER VAPOR PERMEABILITY OF 0.20 OR LESS WHEN TESTED BY ASTM C355 WATER METHOD. ADHESIVE SHALL BE ARMAFLEX 520 BVL. COMPARABLE PRODUCTS SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS BY ONE OF THE FOLLOWING: AEROFLEX USA INC. , AEROCEL ; RBX CORP. , INSUL-SHEET 1800 & INSUL-TUBE 180

				ING AI	D LEAK	KAGE	TESTINO	G SCI	HEDULE								PIPING
	DUCTWORK			OP. PRESS (INCH	DUCT SEAL.		INDOOR CT LEAKAGE CLASS (CL)		EAKAGE LEAKAGE ALLOWED (F)		OUTDOOR T LEAKAGE CLASS (CL)	ALL	< AKAGE OMED (F)	REMARKS	5		VENTS AND
FUNCTION	CONNECTED TO	MATERIAL	PRESS DIFF	(INCH 		RECT.	ROUND FLAT OVAL	RECT.	ROUND FLAT OVAL	RECT.	ROUND FLAT OVAL	RECT.	ROUND FLAT OV				1. MATERIALS FO
SUPPLY	FAN COIL UNITS, FURNACES, HEAT PUMPS, TERMINAL	GALVANIZED SHEET	+	1	A	16	8	16.0	8.0	4	4	4.0	4.0				1.1. ALL STEEL P
SUFFLI	OTHER EQUIPMENT	GALVANIZED SHEET	+	2	A	16	8	25.1	12.6	4	4	6.5	6.5				SHALL BE OF AND RUST FF MAY BE REG
	FAN COIL UNITS, FURNACES, HEAT PUMPS, TERMINAL	GALVANIZED SHEET	+/-	2	A	16	8	16.0	8.0	4	4	4.0	4.0				1.2. ALL STEEL F WHEATLAND
RETURN	OTHER EQUIPMENT	GALVANIZED SHEET	+/-	2	A	16	8	25.1	12.6	4	4	6.5	6.5				1.3. ALL COPPER CO., CHASE E
EXHAUST	TOILET EXHAUST	GALVANIZED SHEET	+/-	2	A	16	8	16.0	8.0	4	4	4.0	4.0				CONTINUOUS 1.4. PIPING SPEC
AGE ALLOP	NED CALCULATED AS FOLLOWS: F = (CL)(P0.65)	1	1	1	1	1	L		1		1	I		1		1	1.5. PROVIDE DI
SUPPLY AND CONSTANT DUCTWORK	D RETURN DUCTWORK FROM AIR HANDLING EQUIPMENT TO D RETURN DUCTWORK RISERS IN VERTICAL ENCLOSED SH VOLUME SUPPLY AND REUTRN DUCTWORK ON SYSTEMS O LOCATED OUTDOORS REGARDLESS OF PRESSURE CLAS AUST RISERS RISERS IN SHAFTS	AFTS. DVER 2" W.G. STATIC PRESS					·S.			ON DRA	WING M-101		1	DESCRIPTION M	10DEL # SEF	RVICE MXH CFM R	EMARKS:
		SPLIT SYST	EM SC	HEDU	_ · ·	<u> </u>	<u>. </u>	<u> </u>		<u> </u>	MITSUBISHI	 AS STD				EE 16X12 2100	
	INDOOR EV	SPLIT SYST	EM SC		 LE				NG UNIT DATA		 МІТЅИВІЅНІ	AS STD		INDEPENDENT AIR VALVE	RF-11 D	EE MG 16X12 2100	
- LOCATION SERVICE	EVAPORATOR	APORATOR UNIT DATA		IENSIONS (DEL BER	CAPACITY (MBH	H) VOLTS	MCA	ARI SEER		AS STD NSIONS (MXH)		INDEPENDENT AIR VALVE PRESSURE	RF-11 D/ M-0 RF-11 D/	NG 16X12 2100	
	EVAPORATOR MODEL NUMBER SUPPLY HEATING COO CFM CAPACITY CAPA H/L MBTU MB	APORATOR UNIT DATA	MEIGHT DIN (LBS) (L	1ENSIONS .XWXH) 3/8" X			CAPACITY (MBH	H) VOLTS	MCA MAX COMP. RLA		WEIGHT (LBS) DIME (L)	NSIONS (WXH) (8" X		INDEPENDENT AIR VALVE PRESSURE INDEPENDENT AIR VALVE PRESSURE PRESSURE	RF-11 DI M-0 S RF-11 DI M-0 S RF-11 DI M-0 S RF-11 DI	MG 16X12 2100 D30 EE MG 16X12 2280	
SEE PLANS	E* TYPE EVAPORATOR MODEL NUMBER SUPPLY GFM H/L HEATING CAPACITY MBTU COO CAPA MBTU MALL MOUNTED PKA-A24KA6 775/ 635 - 24.	APORATOR UNIT DATA LING ESP CIT TU PHASE DKR 0 - 208 1 - 1 -	WEIGHT DIN (LBS) (L 46 14- 11-	1ENSIONS .XWXH) 3/8" X 1/16" X 5/8"	COND JNIT No. CU 24 PUY-A2	DEL BER 24NHA6	CAPACITY (MBH COOLINGHEATIN 24.0 -	PHASE	MCA MAX CKT BKR 18.0 - 30.0	ARI SEER 17	WEIGHT DIME (LBS)	(8" ×		INDEPENDENT 1 INDEPENDENT AIR VALVE 2 PRESSURE INDEPENDENT AIR VALVE PRESSURE INDEPENDENT AIR VALVE PRESSURE PRESSURE PRESSURE	RF-11 DI RF-11 S RF-11 DI M-0 RF-11 S RF-11 DI M-0 RF-11 DI M-0	MG 16×12 2100 EE 16×12 2280 MG 16×12 2280 EE 18×14 2280	
SEE PLANS	EVAPORATOR MODEL NUMBER SUPPLY HEATING COO CFM H/L HEATING COO CAPACITY CAPA MBTU MBTU	APORATOR UNIT DATA LING ESP CIT TU PHASE DKR 0 - 208 1 - 1 -	WEIGHT DIN (LBS) (L 46 14- 11-	1ENSIONS .XWXH) 3/8" X 1/16" X 5/8"	COND JNIT No. CU 24 PUY-A2	DEL BER 24NHA6	CAPACITY (MBH COOLINGHEATIN 24.0 -	PHASE	MCA MAX CKT BKR 18.0 - 30.0		WEIGHT (LBS) DIME (L) 163 37-1, 37-3,	(8" ×		INDEPENDENT AIR VALVE PRESSURE PRESSURE	RF-11 DI RF-11 S	NG 16×12 2100 EE 16×12 2280 O30 16×12 2280 EE 18×14 2280 O30 18×14 2280 EE 36×14 7960	
ES: ALL UNITS PR	Eff TYPE EVAPORATOR MODEL NUMBER SUPPLY GFM HEATING CAPACITY MBTU COO CAPACITY MBTU MALL MOUNTED PKA-A24KA6 775/ 635 - 24. ROVIDED WITH R-4 10A REFRIGERANT, MANUFACTURER WITTONS AND ROUTING. - - -	APORATOR UNIT DATA LING ESP CIT TU PHASE DKR 0 - 208 1 - 1 -	WEIGHT DIN (LBS) (L 46 14- 46 11- FRIGERANT	1ENSIONS .XMXH) 3/8" X 1/16" X 5/8" PIPE SIZING	COND JNIT No. CU 24 PUY-A2	DEL BER 24NHA6	CAPACITY (MBH COOLINGHEATIN 24.0 - R MANUFACTURE	PHASE	MCA MAX CKT BKR 18.0 - 30.0 ON FINAL		WEIGHT (LBS) DIME (L) 163 37-1, 37-3,	(8" ×		INDEPENDENT AIR VALVE PRESSURE INDEPENDENT AIR VALVE	RF-11 Di RF-11 S RF-11 S	NG 16×12 2100 EE 16×12 2280 MG 16×12 2280 D30 18×14 2280 EE 18×14 2280 CB 36×14 7960 EE 42×20 7960	

							SPI	IT S	SYSTE	CM	SCHEDU	JLE					MITS	SUBISHI AS STI
					INDO	OR EVAPO	RATO	R UNIT E	PATA					OUT	DOOR CONDENSING UNIT DATA			
VAF No.	LOCATION & SERVICE	TYPE	EVAPORATO MODEL NUMBER	SUPPLY CFM H/L	HEATING CAPACITY MBTU	COOLING CAPACITY MBTU	ESP	VOLTS PHASE		EIGHT _BS)	DIMENSIONS (LXMXH)	COND UNIT No.	CONDENSER MODEL NUMBER		TY (MBH) VOLTS MCA HEATING MAX COMP. CKT RLA	ARI SEER	WEIGHT (LBS)	DIMENSION (LXMXH)
∨A F 24	SEE PLANS	WALL MOUNTED	РКА-А24КА6	775/ 635	-	24.0	-	208	1	46	14-3/8" X 46-1/16" X 11-5/8"	CU 24	PUY-A24NHA6	24.0	- 208 18.0 - 1 30.9	17	163	37-1/8" X 37-3/8" X 14-3/16"

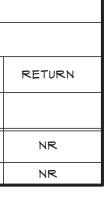
						CA	ABIN	ET H	IEATEF	R SC	HED	ULE				
			ESP	м	OTORD	ΑΤΑ	H	EATING	COIL DATA			PHYSICAL SIZE				
UNIT NO	TYPE	NOM CFM	CFM	RPM BHP	VOLTS	MATTS	ENT H20 LVG H20	NO. OF ROMS	CAPACITY MBH	ENT AIR LVG AIR	GPM P.D. FT H2C	∟х⊅хн	WEIGHT (LBS)	FILTER TYPE	MODEL NUMBER	
CAB 1	HORIZONTAL CONCEALED MODEL C	240	- 240	626 0.13	115	15	180 160	2	10.8	72 144	1.1 5.1	28-1/16 X 27-3/16 X 10-1/16	81	1" THROM	TRANE FFHB020	L

			ELEC	TRIC BAS	EBOARD	SCHEDULE VULCAN AS S	D.				DUC'	Г SILF	ENCE	R SO	CHEI	OULE	ר	VIBRO-ACOUSTICS AS STD.
NO DESCRIPTION	WATTS/F1	VOLTS	PHASE	ENCLOSURE	MODEL NO.	REMARKS:		NO	MODEL NUMBER	LENGTH	FACE	OCTAVE BAND	1	2 3	4	5 6	8	REMARKS:
				нхм				NO			VELOCITY (FPM)	HZ	63 1	25 250	500 1	к 2к	4K 8K	
EBB ELECTRIC X'-X" DRAFT BARRIER HEATER	150	208	1	5 X 3	SBT	-PROVIDE WITH DISCONNECT AND UNIT MOUNTED THERMOSTAT.		D5 1	20X12 RD-MV-F1 X 36	3'	-1250 0 +1250	-	5 4 4	1 14 3 13 1 12		8 14 7 14 7 15	12 10	_





SE PLANS ARE APPROVED ONLY FOR THE WORK INDICATED C E APPLICATION SPECIFICATION SHEET, ALL OTHER MATTERS S



		DIF	FUSER	SCHEI	OULE		ANEMOSTAT AS STD.
					CFM F	RANGE	
SYMBOL	DESCRIPTION	MODEL NUMBER	FRAME SIZE	NECK SIZE	FROM (MIN)	TO (MAX)	REMARKS
				6Ф	0	200	360° HORIZONTAL PATTERN
	PLAQUE		-	8 Φ	201	325	- 24"x 24" FRAME - 18" PLAQUE
CD	SUPPLY	PARAGON PG	24" x 24"	1 <i>0</i> Φ	326	450	1/8" DROP FACE
	DIFFUSER			12Φ	451	600	
				14Φ	601	750	
CR	CEILING RETURN PERFORATED	3P SERIES LAY IN 3PRD	24" x 24"	22" x 22"	-	-	3PRD FOR DUCTED RETURNS 3PL FOR OPEN TO H.C. APP.
LD-1.5C 1 SLOT	CONCEALED CEILING SUPPLY LINEAR DIFFUSER	FFCM150 1-1/2"SLOT	1-1/2" CEILING OPENING	3-5/16"	0	90/ FT	LATERAL ADJUSTMENT BAR REMOVED ON LINEAR DIFFUSER USED FOR RETURN
LD-1.5C2 1 SLOT	CONCEALED CEILING SUPPLY LINEAR DIFFUSER	FFCM150 1-1/2" SLOT	1-1/2" CEILING OPENING	3-5/16"	0	60/ FT	LATERAL ADJUSTMENT BAR REMOVED ON LINEAR DIFFUSER USED FOR RETURN

MATERIALS FOR PIPING UNDER 10"

	PIPINO	G AND FITTINGS SCHEI	DULE
SERVICE	SIZE	PIPE	FITTINGS
CHILLED, HOT WATER, AND RISERS-(UP TO	2-1/2" AND UNDER	COPPER TYPE K, HARD DRAWN	150 PSI AND UNDER MALLEABLE IRON 150 LB., SCREWED 151 PSIG-300PSI: MALLEABLE IRON300 LB. SCREWED
300 PSIG), VENTS AND RELIEFS	3"-1 <i>0</i> "	SCHEDULE 40, ASTM-A53, GRADE B, SEAMLESS TYPE "S"	SCHEDULE 40 WELD END
CONDENSATE PIPING	4" AND UNDER	COPPER TYPE L HARD DRAWN	WROUGHT OR COPPER WITH LEAD FREE 95/5 SOLDER OR BRAZED
VENTS AND RELIEFS		SAME MATERIALS AS PIPE SYSTEMS THEY SERVE	SAME MATERIAL AND FITTINGS AS SYSTEMS THEY SERVE

E & FITTINGS

SHALL BE TYPE ASTM-A-53 GRADE B SEAMLESS UNLESS NOTED OTHERWISE. FURNACE BUTT WELD PIPE IS NOT ACCEPTABLE. ALL PIPE DOMESTIC MANUFACTURER, DELIVERED TO THE JOB PROPERLY PRIMED AND MARKED AND SUPPLIED WITH THE INTERIOR SURFACES CLEAN EACH END SHALL BE CAPPED TO AVOID THE RUSTING OF THE INTERIOR SURFACE. PIPING FOUND TO BE IN VIOLATION OF THIS SPECIFICATION TO BE REMOVED FROM THE JOB SITE WHETHER OR NOT ALREADY INSTALLED.

HALL BE MANUFACTURED IN THE UNITED STATES BY LACLEDE, LTV, MAVERICK, NEWPORT, SAWHILL, TUBULARS, TEX-TUBE, US STEEL, OR MIT MILL CERTIFICATIONS FROM THE PIPE MANUFACTURER REFER TO SECTION 15010 FOR REQUIREMENTS.

NG SHALL BE NOT LESS THAN 99.9 PERCENT PURE COPPER, AS MANUFACTURED IN THE UNITED STATES BY REVERE COPPER AND BRASS AND COPPER CO., INC. BRIDGEPORT BRASS CO., HALSTEAD, MUELLER OR WOLVERINE WHEREVER POSSIBLE, TUBING SHALL BE COUPLINGS UP TO 20 FEET IN LENGTH. TUBING SHALL CONFORM TO ASTM B88.

IONS SHALL BE SUBMITTED WITH SHOP DRAWINGS.

TRIC FITTING FOR ALL CONNECTIONS OF DISSIMILAR METALS. BRASS FITTINGS ARE NOT ACCEPTABLE.

	CONSULTANT SEAL	AND	CONSULTANT	Graf & Lewent Architects LLP 90-30 161st Street, Jamaica, NY 1143 P: 718-651-6200 F: 718-251-6989							
	REVISION	DATE	MADE BY	APP'D BY			REVISIO	N			
		- CHANGES	S AS NOTED	CORD DR	AWIN	G CERTIFICATI	ION				
PPROVED ONLY FOR THE WORK INDICATED ON ECIFICATION SHEET. ALL OTHER MATTERS SHOWN D UPON OR TO BE CONSIDERED AS EITHER BEING	NAME: SIGNATURE: TITLE:					NAME: SIGNATURE: TITLE:					
DRDANCE WITH APPLICABLE CODES.		WES ARTMENT (STCHESTER	COUNTY, N WORKS ANI	EW YO	RK SPORTATION		CONTRACT NUMBER 19-514	SHEET NUMBER		
SULTING ENGINEERS DPC 133 WEST 19TH STREET NEW YORK, NY 10011 TEL 212.645.1002 WWW.POLISECE.COM	LOW	RISE BUILD 110 DR.	DING RENOVA MARTIN LUT WHITE PLAIN	ATIONS AND HER KING, J	HVAC IN R. BOUL	IPROVEMENTS EVARD		SCALE: AS NOTED DATE: MAY 20, 2021 DPW FILE NO. 52-01-HV			