	SYMBOL &	ABBRI
	SYMBOL	ABBREV
REFRIGERANT LIQUID LINE	_	A
REFRIGERANT SUCTION LINE	_	AF
INSULATION AROUND SUCTION LINE	_	AH
	_	AF
UNICUSHION PIPE INSULATION SHIELD	_	BD
AS MANUFACTURED BY UNISTRUT	_	BM
UNISTRUT PIPE CLAMP	_	BH
REFRIGRANT SUCTION AND	_	BT
PUMP DISCHARGE LINES	_	CF
3/8"THREADED	_	DD
UNICUSION AS	_	DIA. (
UNISTRUT.	_	E <i>A</i>
TYPICAL GALVANIZED SELF TAPPING	_	EL
SCREWS TYPICAL.		EF
DOUBLE NUT AND		ES
<u>NOTES:</u> 1.) LIQUID AND SUCTION LINES MAY BE ROUTED TOGETHER FOR CONVENIENCE,		FP FP
BUT MUST BE COMPLETELY INSULATED FROM EACH OTHER. DO NOT SOLDER LIQUID AND SUCTION LINES TOGETHER. DO NOT ALLOW METAL TO	_	HI
METAL CONTACT. 2.) LINES SHOULD BE INSTALLED WITH AS FEW BENDS AS POSSIBLE, ALLOWING		КХ
SERVICE ACCESS TO THE INDOOR COIL. 3.) USE LONG RADIUS ELBOWS WHEREVER POSSIBLE, EXCEPT IN OIL RETURN	_	LA
4.) SLOPE HORIZONTAL SUCTION LINES 1 INCH EVERY 20 FEET TOWARD THE	_	LF
OUTDOOR UNIT.	_	MB
3 REFRIGERANT PIPE SUPPORT DETAIL	_	PS
SCALE: NONE	_	SF
	_	TS
6" THICK CONCRETE WITH GRADE 6x6/8/8 WELDED WIRE	_	TY
	_	WM
	CD	
	CW	
	D	-
6" OF CRUSHED STONE		EX
(2) #4 REBAR CONTINUOUS		REL NEV
HORIZONTAL PLACED 1 1/2" FROM EDGES OF CONCRETE		
(TYPICAL)	 	
<u>CONCRETE EQUIPMENT</u>	Ψ	
2 SUPPORT PAD DETAIL		-
SCALE: NONE	Ś	-
		-
DRAIN LINE SHALL BE AT LEAST-		ER
THE SAME SIZE AS THE NIPPLE ON THE DRAIN PAN, OR 3/4".		
PITCH DOWN TOWARD		_
DRAIN PAN.		
	·/////////////////////////////////////	-
<u>notes:</u> 1.) draw thru units; dimension a (depth of seal) shall be 2" minimum		FD/
AND DIMENSION B SHALL BE 1.2 x THE STATIC PRESSURE OF THE UNIT. 2.) BLOW THRU UNITS; DIMENSION A (DEPTH OF SEAL) SHALL BE 1" MINIMUM		
AND DIMENSION B SHALL BE 2.0 x THE STATIC PRESSURE OF THE UNIT.	<u>₹6x8</u> }	
AIR CONDITIONING UNIT		
(1) CONDENSATE DRAIN DETAIL SCALE: NONE	SECT#	
	DWG#	
LEGAL NOTICE:		
IN CHARGE OF: SA ALTERATIONS BY ANY PERSON, IN ANY WAY, OF ANY ITEM LICENSED ARCHITECT WHOSE PROFESSIONAL SEAL IS AFFI		
CHECKED BY: RS MADE BY: CD WRITTEN DIMENSIONS ON THIS DRAWING SHALL HAVE PRI OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM DIM DESURPATITED TO THIS OFFICE FOR ADDROVAL REFORE DR	MENSIONS AND CONDITIONS SHO	
MADE BT. <u>CD</u> BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PRO		

BREVI	ATIONS	GENERAL NOTES		
BREVIATION	DESCRIPTION	1 CONTRACT DRAWINGS AS	FAR AS THEY RELATE TO THE GENERAL A	RB RB
AD	ACCESS DOOR	LOCATION OF EQUIPMENT,	SHEET METAL, AND PIPING, SHALL BE NGES TO EQUIPMENT, SHEET METAL, AND I	U١
AFF	ABOVE FINISHED FLOOR		RFERENCE WITH OTHER TRADES SHALL BE MA	
AHC	ABOVE HUNG CEILING		ID DISCONNECT SWITCHES FOR HVAC EQUI	РМІ
AP	ACCESS PANEL	CONTRACTOR, UNLESS OTH	HANICAL CONTRACTOR AND INSTALLED BY HERWISE NOTED. DISCONNECT SWITCHES FU	JRN
BDD	BACKDRAFT DAMPER		FOR HVAC EQUIPMENT SHALL BE HEAVY DUTY	
BMS	BUILDING MANAGEMENT SYSTEM		TOR SHALL FIELD VERIFY ALL EXISTING CON AND SHALL COORDINATE ALL WORK WITH OTHI	
BHP	BRAKE HORSEPOWER		ON MECHANICAL DRAWINGS REFER TO INS	
BTU	BRITISH THERMAL UNIT		ICTWORK IS LINED, THE MECHANICAL COI CT TO COMPENSATE FOR LINING.	NIF
CFM	CUBIC FEET PER MINUTE		TOR SHALL SUBMIT FOR REVIEW A COMPOSIT ALL OTHER TRADES, INDICATING DUCTWORK	
DDC	DIRECT DIGITAL CONTROL		CONDUITS, SMOKE DETECTORS, ETC.	`,
DIA. OR Ø	DIAMETER		Y WITH STATE BUILDING CODE, LOCAL BUIL INTS. IN CASE OF CONFLICT BETWEEN	
EA	EXHAUST AIR		NING CODE OR ORDINANCE, THE MORE STRI	
EL	ELEVATION	7. THE OWNER'S PERMANENT	T HVAC NEW EQUIPMENT SHALL NOT BE	: l
ER	EXHAUST REGISTER		ONSTRUCTION FOR TEMPORARY HEATING RY HEATING, COOLING, OR VENTILATION IS F	
ESP	EXTERNAL STATIC PRESSURE	COOLING, OR VENTILATION	ON, THE CONTRACTOR SHALL PROVIDE TEM EQUIPMENT, DUCTWORK, CONTROLS, AND PO	
FPM	FEET PER MINUTE	EXPENSE.		
FPS	FEET PER SECOND	EXHAUST AIR WHEN WELDIN	BE RESPONSIBLE FOR PROVIDING TEMPORARY IG OR SOLDERING OPERATIONS ARE PERFORM	
HP	HORSE POWER			۸ ۴
KX	KITCHEN EXHAUST		TOR SHALL BE RESPONSIBLE FOR OBTAINING ND FOR PAYING RELATED FEES.	ΆÌ
LAT	LEAVING AIR TEMPERATURE		TOR SHALL PROVIDE ALL CUTTING, PATCHING G, AND FINAL RESTORATION REQUIRED TO	
LF	LINEAR FEET	INSTALLATION OF HVAC DU	J, AND FINAL RESTORATION REQUIRED TO JCTWORK, CONTROL CONDUITS, AND PIPING, THAT WILL NOT BE REPLACED OR OPENED U	INC
MBH	1000 BRITISH THERMAL UNITS PER HOUR	SCOPE OF WORK RELATED	TO THIS PROJECT. CONTRACTOR TO REMO PATCH SHAFTS AND WALLS, AS REQUIRED	DVE
PSI	POUNDS PER SQUARE INCH	MECHANICAL WORK.		.0
SP	STATIC PRESSURE			
TSP	TOTAL STATIC PRESSURE			
TYP.	TYPICAL			
WMS	WIRE MESH SCREEN			
_	CONDENSATE DRAIN			
_	COLD WATER MAKE-UP			
_				
EX.	EXISTING TO REMAIN			
REL.	REMOVE AND RELOCATE			
NEW	NEW WORK			
DEM.	EXISTING TO BE REMOVED			
—	SMOKE DETECTOR DOOR UNDER CUT	EQUIPMENT NOTE	.5	
—			TER EH-1: SHALL BE MARKEL MODEL E2906	
_	AIR INTO REGISTER SPEED CONTROLLER	6"HIGH X 2-½"DEEP, 60 Steel element, aluminu	O WATTS, 2040 BTU/H, 120V/1¢/60Hz, 5 M FINS, FACTORY PAINTED WHITE. FURNISH	A 1A
_			ED OPTIONS: THERMOSTAT & DISCONNECT SW	
	POINT OF CONNECTION DISCONNECTION	MULTI-ZO	DNE AC SYSTEM -	
ER	EXHAUST REGISTER		UNIT SCHEDULE	
_	SUPPLY AIR/OUTSIDE AIR INTAKE DUCT UP	INDOOR UNIT DESIGNATION		
	SUPPLY AIR/OUTSIDE AIR INTAKE DUCT DOWN RETURN/EXHAUST/SPILL AIR DUCT UP	MANUFACTURER MODEL	DAIKIN CTXS07LVJU	
_	RETURN/EXHAUST/SPILL AIR DUCT OP	TYPE	WALL MOUNTED	
_	REFORMYEAHAUSTYSFILE AIR DUCT DUWIN	COOLING CAPACITY	7.0	
		(TOTAL)(MBH) HEATING CAPACITY (MBH)	8.75	
 AL	ALUMINUM DUCT ACOUSTIC LINING	REFRIGERANT TYPE	R410A	
		LIQUID LINE (INCHES)	1/4	
FD/AD	FIRE DAMPER W/ ACCESS DOOR	HOT GAS LINE (INCHES)	3/8	
VD _	VOLUME DAMPER DUCT SIZE – 1ST FIGURE IS SIDE SHOWN	CONDENSATE LINE (INCHES)	5/8	
FC	FLEXIBLE CONNECTION	CFM (LOW/MED/HIGH)	194/264/332	
ГU		VOLTS/Ø/Hz MCA (AMPS)	.11	
		NOTES:		
_	SECTION CALLOUT	SHALL BE FURNISHED BY THE	CONNECT SWITCH AT EACH INDOOR UNIT MECHANICAL CONTRACTOR & INSTALLED	
		BY THE ELECTRICAL CONTRAC 2. UNIT SHALL INCLUDE INTER 3. REMOTE DETECTION LINIT	RNAL CONDENSATE PUMP.	
	IDER DIRECTION OF THE OF NEW YORK STATE LAW.	AC UNIT CASSETTE. 4. ·CONNECTOR AND CONNEC	- TO BE FIELD INSTALLED IN THE INDOOR	
AND CONDITIC	DNS ON THE JOB. THIS	5. • DETECTOR INSTALLATION		
	NGS. SHOP DETAILS MUST	FAILURE.	U IO SHUT DOWN AC UNIT UPON PUMP	

ARRANGEMENT AND UNDERSTOOD AS					
PIPING LOCATIONS MADE AT NO EXTRA					
JIPMENT SHALL BE Y THE ELECTRICAL FURNISHED BY THE TY TYPE.					
NDITIONS PRIOR TO HER TRADES.					
NSIDE CLEAR DUCT ONTRACTOR SHALL					
TTE SHOP DRAWING, RK, PLUMBING AND					
JILDING CODE, AND N THE CONTRACT					
RINGENT STANDARD BE USED BY ANY		E AC SYSTEM - NSING UNIT SCH			
G, COOLING, OR REQUIRED AT ANY	OUTDOOR UNIT	1			
MPORARY HEATING, OWER AT HIS OWN	DESIGNATION	ACC-A GRADE			
SHER AT THS OWN	MANUFACTURER	DAIKIN			
Y VENTILATION AND Rmed, as required	MODEL	3MXS24NMVJU			
,	TYPE REFRIGERANT TYPE	HEAT PUMP R410A			
G AND PAYING FOR	NOMINAL COOLING /	24/24			
NG, CORE DRILLING,	HEATING CAPACITY (MBH)				
O FACILITATE THE INCLUDING ABOVE	LIQUID LINE (INCHES) HOT GAS LINE (INCHES)	1/4 (x3) 3/8 (x3)			
UNDER ANY OTHER OVE AND REPLACE	VOLTS/Ø/Hz	208/1/60			
TO EXECUTE THE	MCA/MOCP	18.7/20			
	SEER	14-18			
	WEIGHT (LBS.) HEIGHT × WIDTH × LENGTH	137			
	(IN)	29x34x12			
	MUII TI-70N	IE AC SYSTEM - UNIT COMB	INATIONS		
	OUTDOOR UNIT				
	DESIGNATION	AC-A			
		(LIFEGUARD)			
	INDOOR UNITS SERVED	AC-A (FIRST AID)			
		AC-A (POLICE)			
6–036C, 36"LONG X	NOTES: 1. OUTDOOR CONDENSERS S FOR INDOOR/OUTDOOR UNIT INSTALLATION REQUIREMENTS 2. PROVIDE THE FOLLOWING •0° LOW AMBIENT CONTROLS •7-DAY PROGRAMMABLE WIN 2. FIELD SUPPLIED WEATHER	CONFIGURATIONS. REFER S FOR PIPING DETAILS. OPTIONS FOR EACH UNIT: S. RED SYSTEM CONTROLLER RPROOF LOCAL DISCONNEC	TO MANUFACTURER'S WITH ALARM OUTPUT. T SWITCH AT EACH		
5 AMPS, STAINLESS 1 AND INSTALL THE	OUTDOOR UNIT SHALL BE FU	CAL CONTRACTOR.			
WITCH.	3. SINGLE POINT EXTERNAL SET OF UNITS SHALL BE AT	THE OUTDOOR UNIT. THE	ELECTRICAL CONTRACTOR		
]	SHALL PROVIDE POWER WIRI 4. THE AUTOMATIC TEMPERA	ATURE CONTROLS CONTRAC	CTOR SHALL PROVIDE		
	OLA Consulting Engineers	ihe outdoor unit and in 	IDOOK UNII.		
	SOLA Consulting Engineers 50 Broadway, Hawthome, NY 10532 914.747.2800 8 West 38th Street, Suite 501 New York, NY 10018 646.849.4110 olace.com		TOP NEW LOOP * CONTRACTOR STATE		
-	REVISION DATE MADE APP'D		REVISION		
-	NUMBER BT BT)RD_DRAWING_CERTIFICA ⁻			
	AS BUILT – CHANGES AS NOTED				
-	AS BUILT - NO CHANGES				
-	CONTRACTOR	NAME	ROJECT COORDINATOR		
1	SIGNATURE DATE	SIGNATURE TITLE	DATE		
	WESTCHESTER CO	UNTY, NEW Y ' PUBLIC WORKS			
	AND TRANS	SPORTATION			
	DIVISION OF		SHEET NO. 41 OF 53 SCALE: AS NOTED		
	CROTON P	OINT PARK	DATE: 6/18/21		
	CROTON-ON- MECHANICAL SYMBOLS, AB		NO.		