	CF	IILLER TAG			CH-1 AND CH-2
	L	OCATION			MECHANICAL ROOM - ROOF
		L	ENGTH X W	IDTH (IN)	346 X 88
	ENSIONS RALL)		HEIGHT	(IN)	99
			ERATING WE	· · · /	19,192
F	REFRIGERATION	CAPACITY			275
COMPR			QUANT		2
COMPR	ESSORS		KW INPUT (		
			TEMP. EN	,	54
			TEMP. LV		44
EVAPO	RATOR		GPM		649.7
			MAX PD		16.3
					0.0001
			MBIENT AIR		95
COND	ENSER	FANS		N MOTOR HP	-
		PER MODUL	_	MOTOR POWER	
					-
		QUANTI	VOLTS/PI	WER SUPPLIES)	1 460/3/60
	CAL DATA ER SUPPLY)		MCA (AN		460/3/60
			MOCP (AI	,	600
			REFRIGERAN		R-513A
			# OF CIRC		2
REFRIGER	RANT DATA	REFRIC	ERANT CHA	RGE EACH(LB)	293/310
				FETY CLASS	A1
DIN	MENSION OF COI				SEE STRUCTURAL PLANS
тот	A-WEIGHTED S		. ,		70
101	TAL SYSTEM, CO	ICIENCY, A			9.989
		.V (BTU/Wh)			18.80
	IF	PLV (EER)			18.80
			MANUFACT	URER	CARRIER
BASIS OF	F DESIGN		MODE	L	30XV275M
. PROVIDE ISC . PROVIDE EN . PROVIDE FIN		ON EVAPO IENT MODU ER ON EAC	LE AND BAC H EVAPORA	NET CARD. FOR AND CONDE	ENSER BRANCH LINE. ACNET BMS INTERFACE FOR
. PROVIDE MI	NIMUM 3' CLEAR/ SCONNECT SWIT				
	INSULAT	FION-S	<b>SCHED</b>		$\overline{}$
		1			
	FLUID		THICKNES S	OPERATING TEMP RANGE, °F	A N.I.C
	FLUID TER (LESS THAN	1-1/2")		OPERATING TEMP	A N.I.C
CHILLED WA			S	OPERATING TEMP RANGE, °F	A N.I.C
CHILLED WA <sup>-</sup> CHILLED WATE CONDENSE	TER (LESS THAN ER (1-1/2" AND GF ER WATER (ALL S	REATER) IZES)	S 0.5"	OPERATING TEMP RANGE, °F 40-60	A.N.I.C
CHILLED WA <sup>-</sup> CHILLED WATE CONDENSE MAKE-UP	TER (LESS THAN ER (1-1/2" AND GF ER WATER (ALL S WATER (ALL SIZ	REATER) IZES) ES)	S 0.5" 1.0" NONE 0.5"	OPERATING TEMP RANGE, °F 40-60 40-60 60-105 40-60	A.I.C
CHILLED WATE CHILLED WATE CONDENSE MAKE-UP HWS&R (	TER (LESS THAN ER (1-1/2" AND GF R WATER (ALL S WATER (ALL SIZ (LESS THAN 1-1/2	REATER) IZES) ES) 2")	S 0.5" 1.0" NONE 0.5" 1.5"	OPERATING TEMP RANGE, °F 40-60 40-60 60-105 40-60 141-200	A.I.C
CHILLED WA <sup>T</sup> CHILLED WATE CONDENSE MAKE-UP HWS&R (14 HWS&R (14	TER (LESS THAN ER (1-1/2" AND GF R WATER (ALL S WATER (ALL SIZ (LESS THAN 1-1/2 -1/2" AND GREAT	REATER) IZES) ES) 2") ER)	S 0.5" 1.0" NONE 0.5" 1.5" 2.0"	OPERATING TEMP RANGE, °F 40-60 40-60 60-105 40-60 141-200 141-200	
CHILLED WA <sup></sup> CHILLED WATE CONDENSE MAKE-UP HWS&R (1- HWS&R (1- HTS&R(	TER (LESS THAN ER (1-1/2" AND GF R WATER (ALL S WATER (ALL SIZ (LESS THAN 1-1/2 -1/2" AND GREAT LESS THAN 1-1/2	REATER) IZES) ES) 2") ER) ")	S 0.5" 1.0" NONE 0.5" 1.5" 2.0" 4.0"	OPERATING TEMP RANGE, °F 40-60 40-60 60-105 40-60 141-200 141-200 251-350	
CHILLED WATE CHILLED WATE CONDENSE MAKE-UP HWS&R (1 HWS&R (1 HTS&R(1	TER (LESS THAN ER (1-1/2" AND GF R WATER (ALL S WATER (ALL SIZ (LESS THAN 1-1/2 -1/2" AND GREAT LESS THAN 1-1/2 1/2" AND GREAT	REATER) IZES) ES) 2") TER) TER) ER)	S 0.5" 1.0" NONE 0.5" 1.5" 2.0" 4.0" 4.5"	OPERATING TEMP RANGE, °F 40-60 40-60 60-105 40-60 141-200 141-200 251-350 251-350	
CHILLED WATE CHILLED WATE CONDENSE MAKE-UP HWS&R (1 HWS&R (1 HTS&R(1	TER (LESS THAN ER (1-1/2" AND GF R WATER (ALL S WATER (ALL SIZ (LESS THAN 1-1/2 -1/2" AND GREAT LESS THAN 1-1/2	REATER) IZES) ES) 2") TER) TER) ER)	S 0.5" 1.0" NONE 0.5" 1.5" 2.0" 4.0"	OPERATING TEMP RANGE, °F 40-60 40-60 60-105 40-60 141-200 141-200 251-350	
CHILLED WATE CHILLED WATE CONDENSE MAKE-UP HWS&R (1- HWS&R (1- REFRIGERA PIPE	TER (LESS THAN ER (1-1/2" AND GF R WATER (ALL S WATER (ALL SIZ (LESS THAN 1-1/2 -1/2" AND GREAT LESS THAN 1-1/2 1/2" AND GREAT NT (LESS THAN 7	REATER) IZES) ES) 2") ER) ") ER) 1-1/2") HEDULE	S 0.5" 1.0" NONE 0.5" 1.5" 2.0" 4.0" 4.5" 1.0"	OPERATING TEMP RANGE, °F 40-60 40-60 60-105 40-60 141-200 141-200 251-350 251-350	
CHILLED WAT CHILLED WATE CONDENSE MAKE-UP HWS&R (1- HWS&R (1- REFRIGERA PIPE SIZE	TER (LESS THAN ER (1-1/2" AND GF R WATER (ALL S WATER (ALL SIZ (LESS THAN 1-1/2 -1/2" AND GREAT LESS THAN 1-1/2 1/2" AND GREAT NT (LESS THAN 7 E SIZE SCH	REATER) IZES) ES) 2") ER) 1-1/2") HEDULE V RANGE	S 0.5" 1.0" NONE 0.5" 1.5" 2.0" 4.0" 4.5" 1.0"	OPERATING TEMP RANGE, °F 40-60 40-60 60-105 40-60 141-200 141-200 251-350 251-350	
CHILLED WATE CHILLED WATE CONDENSE MAKE-UP HWS&R (1- HWS&R (1- HTS&R(1- REFRIGERA PIPE SIZE 3/4" 1"	TER (LESS THAN ER (1-1/2" AND GF R WATER (ALL SIZ WATER (ALL SIZ (LESS THAN 1-1/2 -1/2" AND GREAT LESS THAN 1-1/2 1/2" AND GREAT NT (LESS THAN 7 E SIZE SCH FLOV 0-4 5-7	REATER) IZES) ES) 2") TER) TER) 1-1/2") HEDULE V RANGE 4 GPM .5 GPM	S 0.5" 1.0" NONE 0.5" 1.5" 2.0" 4.0" 4.5" 1.0"	OPERATING TEMP RANGE, °F 40-60 40-60 60-105 40-60 141-200 141-200 251-350 251-350	
CHILLED WATE CHILLED WATE CONDENSE MAKE-UP HWS&R (1- HWS&R (1- REFRIGERA PIPE SIZE 3/4"	TER (LESS THAN ER (1-1/2" AND GF R WATER (ALL SIZ WATER (ALL SIZ (LESS THAN 1-1/2 -1/2" AND GREAT LESS THAN 1-1/2 1/2" AND GREAT NT (LESS THAN ' E SIZE SCH FLOV 0-4 5-7 8-1	REATER) IZES) ES) 2") ER) 1-1/2") HEDULE V RANGE 4 GPM	S 0.5" 1.0" NONE 0.5" 1.5" 2.0" 4.0" 4.5" 1.0"	OPERATING TEMP RANGE, °F 40-60 40-60 60-105 40-60 141-200 141-200 251-350 251-350	Α Ν.Ι.C
CHILLED WAT CHILLED WATE CONDENSE MAKE-UP HWS&R (1- HWS&R (1- HTS&R(1- REFRIGERA PIPE SIZE 3/4" 1" 1-1/4" 1-1/4" 1-1/2" 2"	TER (LESS THAN ER (1-1/2" AND GF R WATER (ALL SIZ WATER (ALL SIZ (LESS THAN 1-1/2 -1/2" AND GREAT LESS THAN 1-1/2 1/2" AND GREAT NT (LESS THAN - E SIZE SCH FLOW 0-2 5-7 8-1 17-2 25-4	REATER) IZES) ES) 2") ER) TER) 1-1/2") HEDULE V RANGE 4 GPM 5 GPM 6 GPM 24 GPM 48 GPM	S 0.5" 1.0" NONE 0.5" 1.5" 2.0" 4.0" 4.5" 1.0"	OPERATING TEMP RANGE, °F 40-60 40-60 60-105 40-60 141-200 141-200 251-350 251-350	Α Ν.Ι.C
CHILLED WATE CHILLED WATE CONDENSE MAKE-UP HWS&R (1- HTS&R(1- REFRIGERA PIPE SIZE 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" 3"	TER (LESS THAN ER (1-1/2" AND GF R WATER (ALL S WATER (ALL SIZ (LESS THAN 1-1/2 -1/2" AND GREAT LESS THAN 1-1/2 1/2" AND GREAT NT (LESS THAN - E SIZE SCH FLOW 0-4 5-7 8-1 17-2 25-4 49-7 78-1	REATER) IZES) ES) 2") ER) TODA ER) 1-1/2") HEDULE V RANGE 4 GPM 5 GPM 6 GPM 24 GPM 48 GPM 77 GPM 40 GPM	S 0.5" 1.0" NONE 0.5" 1.5" 2.0" 4.0" 4.5" 1.0"	OPERATING TEMP RANGE, °F 40-60 40-60 60-105 40-60 141-200 141-200 251-350 251-350	Α Ν
CHILLED WATE CHILLED WATE CONDENSE MAKE-UP HWS&R (1- HTS&R(1- REFRIGERA PIPE SIZE 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2"	TER (LESS THAN ER (1-1/2" AND GF R WATER (ALL SIZ WATER (ALL SIZ (LESS THAN 1-1/2 -1/2" AND GREAT LESS THAN 1-1/2 1/2" AND GREAT NT (LESS THAN 7 <b>SIZE SCH</b> FLOW 0-2 5-7 8-1 17-2 25-2 49-3 78-1 141-2	REATER) IZES) ES) 2") ER) TODA ER) 1-1/2") HEDULE V RANGE 4 GPM 5 GPM 6 GPM 24 GPM 48 GPM 77 GPM	S 0.5" 1.0" NONE 0.5" 1.5" 2.0" 4.0" 4.5" 1.0"	OPERATING TEMP RANGE, °F 40-60 40-60 60-105 40-60 141-200 141-200 251-350 251-350	Α Ν
CHILLED WAT CHILLED WATE CONDENSE MAKE-UP HWS&R (1- HWS&R (1- HTS&R(1- REFRIGERA PIPE SIZE 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" 3" 4" 5" 6"	TER (LESS THAN ER (1-1/2" AND GF R WATER (ALL SIZ WATER (ALL SIZ (LESS THAN 1-1/2 -1/2" AND GREAT LESS THAN 1-1/2 1/2" AND GREAT NT (LESS THAN - E SIZE SCH FLOV 0-4 5-7 8-1 17-2 25-4 49-7 78-1 141-2 281-5	REATER) IZES) ES) 2") ER) TeR) TeR) 1-1/2") <b>HEDULE</b> V RANGE 4 GPM 5 GPM 6 GPM 24 GPM 48 GPM 48 GPM 77 GPM 40 GPM 280 GPM 500 GPM 500 GPM 300 GPM	S 0.5" 1.0" NONE 0.5" 1.5" 2.0" 4.0" 4.5" 1.0"	OPERATING TEMP RANGE, °F 40-60 40-60 60-105 40-60 141-200 141-200 251-350 251-350	Α Ν

				00	(SEE DRAWING			
U	NIT NUMBER	HWP-4, HWP-5	HWP-6, HWP-7	HWP-8, HWP-9, HWP-10, HWP-11	P-1, P-2,P-3 EXISTING	P-4, P-5, P-6 EXISTING	P-7, P-8	P-9, P-10
	LOCATION	MECHANICAL RM	MECHANICAL RM	MECHANICAL RM	CHILLER RM	CHILLER RM	ANNEX GYM MEZZANINE	MECHANICAL RM
SYS	STEM SERVICE	BOILER B-3, B-4	BOILER B-3, B-4	BOILER B-3, B-4 CIRCULATORS	CHILLED WATER LOOP	PRIMARY CHILLED WATER LOOP CH-1, CH-2	ROOFTOP UNITS RTU-3, RTU-4, RTU-5. RTU-6	IWH-1, IWH-2
	TYPE	BASE MOUNTED END SUCTION	CLOSE COUPLED IN-LINE CENTRIFUGAL	CLOSE COUPLED IN-LINE CENTRIFUGAL	HORIZONTAL SPLIT CASE - DOUBLE SUCTION	HORIZONTAL SPLIT CASE - DOUBLE SUCTION	CLOSE COUPLED IN-LINE CENTRIFUGAL ECM	CLOSE COUPLED IN-LINE CENTRIFUGAL
	IMPELLER DIA. (IN)	9.5	6	N/A	13.75	10.5	3.75	4.375
	SUCTION CONN. (IN)	2.5	1.5	N/A	6	6	2	1
	DISCHARGE CONN. (IN)	2	1.5	N/A	6	6	2	1
PUMP DATA	CAPACITY (GPM)	150	35	150	463	850	49.2	27
	TOTAL HD (FT.)	70	35	20	190	80	10	10
	WORKING FLUID	WATER - 30% PG	WATER - 30% PG	WATER - 30% PG	WATER - 30% PG	WATER - 30% PG	WATER	WATER
	FLUID TEMP °F	160	160	160	44	44	140	180
	TYPE	NEMA PREMIUM, VFD READY	NEMA	NEMA	EXISTING NEMA PREMIUM, VFD READY	EXISTING NEMA PREMIUM, VFD READY	NEMA	NEMA
	H.P.	7.5	1	3	40	25	0.25	0.25
	RATED R.P.M.	1800	1800	N/A	1750	1750	1800	1800
MOTOR	DUTY POINT R.P.M.	1538	1681	2525	1628	1601	1653	1437
	ENCL. TYPE	ODP	ODP	ODP	ODP	ODP	ODP	ODP
	V/PH/HZ	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/1/60	460/3/60
	DUTY POINT BHP	3.56	0.534	1.19	32	21	0.174	0.119
	DUTY POINT EFF. (%)	72.8	57.5	N/A	70.0	75	70.2	55.2
OPERA	TING WEIGHT (LB)	350	84	50	EXIZTING	EXISTING	60	46
PUMP BASE I	DIMENSIONS (L x W) (IN)	35 x 15	NA - SUPPORTED FROM CEILING	NA - SUPPORTED FROM FLOOR	EXISTING	EXISTING	NA- SUPPORTED FROM CEILING	NA- SUPPORTED FROM CEILING
BASIS OF	MANUFACTURER	BELL & GOSSETT	BELL & GOSSETT	BELL & GOSSETT	EXISTING	EXISTING	BELL & GOSSETT ECM	BELL & GOSSETT
DESIGN	MODEL	e-1510-2BD-SS-213T	e-90 1.5AB	ECOCIRC XL 45-375	EXISTING	EXISTING	e-90 2AAC ECM	e-90E

	UNIT NO	B-3, B-4
	LOCATION	MECHANICAL ROOM
	TYPE	CONDENSING
	GROSS I.B.R. OUTPUT (BTU/HR)	1,419,000
	MIN OVERALL BOILER EFFICIENCY (%)	94.6
RATING	NET I.B.R. OUTPUT (WATER) @ 100% (BTU/H)	NA
	TURNDOWN RATIO	20:1
DESIGN HOT \	WATER SUPPLY TEMPERATURE (°F)	180
DESIGN HOT V	VATER RETURN TEMPERATURE (°F)	160
SYSTE	EM DESIGN PRESSURE (PSI)	12
MAX ALLOWA	BLE OPERATING PRESSURE (PSIG)	160
FLUE OUT	_ET & AIR INTAKE SIZE (INCHES)	6
SUPF	PLY OUTLET SIZE (INCHES)	4
RET	URN INLET SIZE (INCHES)	4
	GAS CONNECTION, NPT (IN)	2
FUEL DATA	GAS FIRING RATE (CFH)	1500
	INLET PRESSURE RANGE (IN. WC)	4.0 - 14
	VOLTS/PH/HZ	120/1/60
ELECTRICAL DATA	POWER, FLA	16
	OPERATING AMPS, MCA	-
OVERALL DIMENSIONS	S WITHOUT CONTROLS (L X W X H) (INCHES)	57.4 X 28 X 78
HOUSE KEEPING	CONCRETE PAD DIMENSIONS (INCHES)	-
OF	PERATING WEIGHT (LBS)	1654
BASIS OF DESIGN	BOILER MANUFACTURER	AERCO
BASIS OF DESIGN	BOILER MANUFACTURER & MODEL NO.	BENCHMARK 1500
<ol> <li>MFGR'S IOM MANUA</li> <li>SHIP BOILER PACKA</li> <li>VERIFY IN FIELD COMANUFACTURER'S I</li> <li>PROVIDE CONTROL</li> <li>NEW YORK STATE EEEQUIPMENT AS NECCONTROLLESS GAS TRA</li> <li>BOILER SHALL UTIL</li> <li>CONTROLLER SHALL UTIL</li> <li>COMBUSTION 02 LE</li> <li>BOILER MANUFACT VALVES ON EACH B</li> <li>PROVIDE BOILER SI</li> <li>BOILER SHALL BE EAUTOMATICALLY COOPTIMIZE THE COM</li> </ol>	AGED AND SHOULD FIT THROUGH STANDARD 3 FO NNECTION LOCATIONS AND CLEARANCES FOR BO DOCUMENTS. PANEL. EDUCATION DEPARTMENT CONTROL COMPLIANCE CESSARY TO SATISFY THE SEQUENCE OF OPERAT AIN IZE NON-METALLIC VENT. L DISPLAY AN ALERT WHEN O2 LEVEL IS ABOVE C EVELS SHALL NOTE EXCEED 7% THROUGHOUT EN URER TO PROVIDE AND CONTROL FIELD INSTALLE OILER. EQUENCING WITH HW RESET. QUIPPED WITH COMBUSTION AIR TEMPERATUER DMPENSATE FOR AIR DENSITY CHANGES BY ADJU BUSTION EFFICIENCY UNDER ALL SEASONAL TEM	DOT DOOR WIDTH. OILERS, REFER TO E, WIRING, AND OTHER FION. DR BELOW CRITICAL ITIRE FIRING RANGE. ED, MOTORIZED ISOLAT COMPENSATION TO JSTING OXYGEN AND
<ol> <li>BOILER MANUFACT WARRANTY.</li> <li>BOILER MANUFACT</li> <li>BOILER MANUFACT</li> </ol>	DINT NOT TO EXCEED 40% URER TO PROVIDE 10 YEAR NON-PRORATED HEA URER TO PROVIDE 2 YEAR NON-PRORATED CONT URER TO PROVIDE LETTER OF GUARANTEE FOR A	ROLLER WARRANTY.
COMBUSTION AIR IN		

2. PROVIDE NEW 6" TALL EQUIPMENT PAD, EXTEND 6" BEYOND EQUIPMENT BASE IN ALL DIRECTIONS.

PROVIDE VIBRATION ISOLATORS.
 PROVIDE VIBRATION ISOLATORS.
 PROVIDE VFD FOR ALL UNITS WITH 5 MOTOR HP AND GREATER. PROVIDE MOTOR STARTER/DISCONNECT FOR ALL OTHER PUMPS.
 ELECTRICAL MOTORS SHALL MEET THE MINIMUM EFFICIENCY REQUIREMENTS OF TABLES C405.8(1) THOUGH C405.8(4) WHEN TESTED AND RATED IN ACCORDANCE WITH THE DOE 10 CFR 431.
 CHILLED WATER PUMPS P-4, P-5, AND P-6 TO BE REFURNISHED, NEW VFD COMPATIBLE MOTORS AND VFD'S.

## BOILER-BURNER UNIT SCHEDULE

- 1																
	UNIT #	SERVICE	LOCATION	SYSTEI RAN	M TEMP NGE	INITIAL PRESS. IN	ESS. IN VOLUME		RESS. IN VOLUME		VOLUME	ACCEPT VOLUME	PIPE SIZE TO TANK	WEIGHT (LBS)	BASIS OF D	DESIGN
	π			MIN °F	MAX °F	PSIG	GAL	GAL		(200)	MANUFACTURER	MODEL #				
	ET-1	CHILLED WATER	BOILER RM	40	90	5	80	80	1	928	BELL & GOSSETT	B-300				
	ET-2	HOT WATER	BOILER RM	140	190	12	50	34.56	1-1/2	651	BELL & GOSSETT	B-200				

EXPANSION TANK SCHEDULE NOTES: 1. PROVIDE HORIZONTAL, ASME BLADDER EXPANSION TANK FULLY CHARGED TO MEET THE REQUIREMENTS OF THIS SCHEDULE.

UNIT NO.		MU-1	MU-2
	FLOW RATE (GPM)	5	5
	MAX. PRESSURE (PSIG)	60	60
PUMP DATA	RPM	3600	3600
	HP	3/4	3/4
	V/PH/Hz	115/1/60	115/1/60
TANK SIZE (G	AL)	55	55
UNIT DIMENSI	ONS (LxWxH)(IN)	30 x 30 x 60	30 x 30 x 60
UNIT WEIGHT	(LBS)	600	600
	A PACKAGED MAKE-UP UNI OF MAINTAINING THE SYST		

PSIG. PROVIDE A POLYETHYLENE TANK WITH REMOVABLE LID, STRAINER, ISOLATION VALVES, PUMP WITH OPEN DRIP PROOF MOTOR, CHECK/BALANCING VALVE, EXPANSION TANK, DISCHARGE PRESSURE GAUGE, STEEL PIPING, LOW LEVEL CUT-OUT, AND CONTROL/ALARM PANEL WITH INDICATOR LIGHTS IN A NEMA 4 ENCLOSURE.

2. REFER TO DETAIL 7/M502 FOR PIPING AND INSTALLATION. 3. PROVIDE OPERATION AND MAINTENANCE MANUAL.

4. BASIS OF DESIGN: BELL & GOSSETT GMU-60.

			AIR SEPAR	KATO	RSC	HED	JLE		
				AIR	SEPARA	TOR	OPERATING	BASIS OF DES	SIGN
UNIT #	SERVICE	LOCATION	TYPE	SIZE (IN)	FLOW (GPM)	PRESS. DROP (FT H20)	WEIGHT (LBS)	MANUFACTURER	MODEL #
AS-1	CHILLED WATER	MECHANICAL RM	COALESCING AIR & DIRT	8	480	0.3	1083	BELL & GOSSETT	CRS-8F
AS-2	HOT WATER	MECHANICAL RM	COALESCING AIR & DIRT	8	480	0.3	1083	BELL & GOSSETT	CRS-8F

## CHEMICAL SHOT FEEDER SCHEDULE

UNIT #	SERVICE	LOCATION	ТҮРЕ	SIZE	MAX. PRES S.	WEIGHT (LBS)	BASIS OF D	ESIGN
#				(GAL) (		(LDO)	MANUFACTURER	MODEL #
CF-1	CHILLED WATER	BOILER RM	VERTICAL BY-PASS	5	300	38	NEPTUNE	DBF-5HP
CF-2	HOT WATER	BOILER RM	VERTICAL BY-PASS	5	300	38	NEPTUNE	DBF-5HP

UNIT #	SERVICE	LOCATION	CAPACITY (GAL)		R TEMP	BASIS O	F DESIGN
			(GAL)	INLET °F	OUTLET °F	MANUFACTURER	MODEL #
IWH-1	HOT WATER	BOILER RM	200	40	140	AO SMTIH	HWGV200ASW660
IWH-2	HOT WATER	BOILER RM	200	40	140	AO SMTIH	HWGV200ASW660

INDIRECT WATER HEATER SCHEDULE NOTES: 1. PROVIDE 210 GALLON 2-PORT BUFFER TANK, ASME CODE SECTION VIIIM MAX PRESSURE 125 PSIG, MAX FLOW RATE 55 GPM.

# COMBUSTION AIR DAMPER SCHEDULE

MARK	SERVICE	SIZE (WxH, IN)	BASIS OF DESIGN
<u>D-1</u>	COMBUSTION AIR (WH-1)	36X36	RUSKIN CD50

# EXPANSION TANK SCHEDULE

### 

# DOMESTIC INDIRECT WATER HEATER SCHEDULE

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Drawing Title MECHANICAL		NORTH ROCKLAND HIGH	Mechanical GREENMAN	Drawn by A.W			
SCHEDULES - 1		SCHOOL CHILLER & HVAC UPGRADES	& Electrical PEDERSEN, INC Engineer: 2 EXECUTIVE BOULEVARD, SUITE 202, SUFFERN, NY 10901	Checked by P.C			
		HIGH SCHOOL SED# 50-02-01-06-0-016-037		Project No. 43065			
Drawing No.	MICHAEL SHILALE ARCHITECTS, L.L.P.		Structural	Scale AC NOTED			
	140 Park Avenue New City, NY 10956 Tel 845-708-9200 www.shilale.com		Engineer:	Date	-	01/08/25 ISSUED FOR BID	D FOR BID
		106 Hammond Road, Thiells NY 10984		12/06/23 REG. EXP DATE: 10-31-26	10-31-26 No.	Date Revisions	SUC