

## COMBUSTION AIR FAN SCHEDULE

DESIGNATION	CAF-1
LOCATION	BOILER ROOM
AREA SERVED	BOILER ROOM
MODEL	ISAF12
CFM	1,050
HP	$\frac{1}{2}$
FLA (AMPS)	4.2
RPM	2,200
SP (IN H <sub>2</sub> O)	0.5"
VOLTS/Ø/Hz	120/1/60
STARTER	-
INTERLOCK	B-1/B-2

NOTES:

1. CAF-1 BASED ON US DRAFT CO.
2. PROVIDE FAN PRESSURE CONTROLLER U.S. DRAFT CO. MODEL V250.
3. PROVIDE INTEGRAL BACK DRAFT DAMPER.

## HEAT EXCHANGER SCHEDULE

DESIGNATION	HX-2A, 2B	HX-3
LOCATION	BOILER ROOM	DHW STORAGE TANK ROOM
SERVICE	POOL WATER	DOMESTIC HOT WATER
HX TYPE	GASKETED PLATE	BRAZED PLATE
PLATE MATERIAL	TITANIUM	316 STAINLESS STEEL
WALL TYPE	SINGLE-WALL	DOUBLE-WALL
MODEL	AP14	BPDW415-50
CAPACITY (MBH)	360.0	250.0
COLD SIDE:		
GPM	24.2	5.0
E.W./T.L./W.T. (°F)	75°/104°	40°/140°
WATER P.D. (FT H <sub>2</sub> O)	19.3	0.55
HOT SIDE:		
GPM	17.7	12.6
E.W./T.L./W.T. (°F)	145°/105°	145°/105°
WATER P.D. (FT. H <sub>2</sub> O)	10.7	4.0

NOTES:  
1. HEAT EXCHANGERS BASED ON BELL & GOSSETT.  
2. REFER TO SPECIFICATION 235700.

## PUMP SCHEDULE

DESIGNATION	HWP-1, 2, 3	DHWP-2	DHWP-3	P-4
LOCATION	BOILER ROOM	DHW STORAGE TANK ROOM	POOL FILTER ROOM	BOILER ROOM
SYSTEM SERVED	HOT WATER	DOMESTIC HOT WATER	DOMESTIC HOT WATER	POOL WATER
MODEL	e-1535 1.25AAC	110S	110S	e-90 1.5AB
TYPE	BASE MOUNTED	INLINE	INLINE	INLINE
GPM	70	5	0.5	60
FLUID	WATER	DOMESTIC WATER	DOMESTIC WATER	POOL WATER
FLUID TEMP. (°F)	180°	140°	140°	105°
TOTAL DYNAMIC HEAD (FT H <sub>2</sub> O)	55	5	5	50
RPM	3,600	1,725	1,725	1,800

MOTOR:				
BHP/HP	1.31 / 3	0.08	0.08	1.19 / 2
VOLTAGE/Ø/Hz	208/3/60	120/1/60	120/1/60	208/3/60

STARTER:				
TYPE	VFD	-	-	-

LOCATION	BOILER ROOM	DHW STORAGE TANK ROOM	POOL FILTER ROOM	BOILER ROOM
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NOTES:

1. PUMPS BASED ON BELL AND GOSSETT AND TACO.
2. ALL MOTORS SHALL BE PREMIUM EFFICIENCY.

## HOT WATER CONDENSING BOILERS

DESIGNATION	B-1, B-2, B-3
LOCATION	BOILER ROOM
QTY	3
MODEL	BMK-1000
INPUT (MBH)	1,000
GROSS OUTPUT (MBH)	960
MIN. GAS PRESSURE (W.C.)	4"
MAX. GAS PRESSURE (W.C.)	14"
MAX. ALLOWED WORKING PRESSURE (PSIG)	160
MIN. FLOW RATE (GPM)	12
WATER CONNECTIONS	3"
EWLT/LWT (°F)	140°/180°
DIMENSIONS (L x W x H)	25"x28"x78"

GAS BURNER:	
GAS INPUT (MBH)	1,000
THERMAL EFFICIENCY (%)	87%

ELECTRICAL DATA:	
VOLTS/Ø/Hz	120/1/60
FLA	13.0

NOTES:

1. BOILERS BASED ON AERCO.
2. PROVIDE ASME CSD-1 COMPLIANT CONTROLS.
3. PROVIDE BOILERS WITH 80 PSI ASME RELIEF VALVES, 3-1/4" PRESSURE AND TEMPERATURE GAUGES, MANUAL RESET HIGH LIMIT AQUASTAT, LOW WATER CUT OFF.
4. PROVIDE MANUFACTURER'S CONDENSATE NEUTRALIZING KIT.
5. PROVIDE WITH FM COMPLIANT OR FACTORY INSTALLED DBB (IRI), VALVE PROVING SYSTEM GAS TRAIN OPERATION.

## EQUIPMENT NOTES

1.) TEMPORARY DHWH-1: AO SMITH MODEL #DSE-10A. 28" HEIGHT, 18" TOTAL DIAMETER,  $\frac{3}{4}$ " COLD WATER/HOT WATER PIPING CONNECTIONS. 10 GALLON STORAGE TANK CAPACITY AT 160 PSI WORKING PRESSURE. HEAT RECOVERY: 27 GPH @ 90°F RISE. 6 KW, 208 V, 1 PH, 60HZ. WEIGHT 116LBS.



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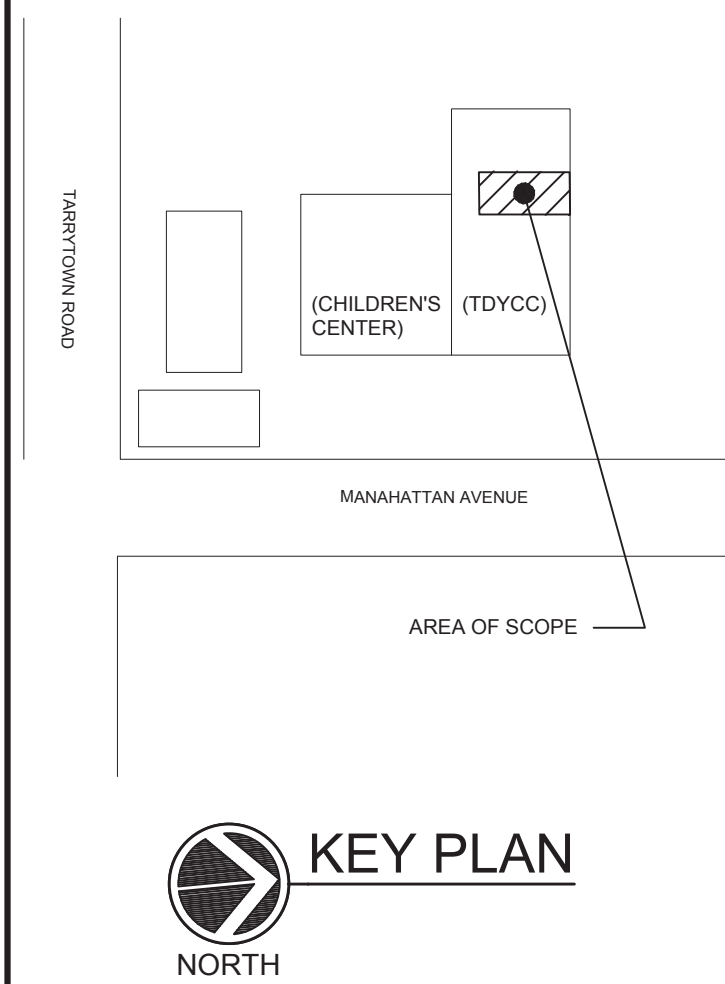
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#### CLIENT

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	ADDENDUM #3	7/2V/21
3	ISSUED FOR BID	7/2/21
2	ISSUE FOR PROGRESS	5/14/21
1	ISSUED FOR PROGRESS	3/26/21
No.	ISSUE OR REVISION	DATE

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PROJECT TITLE

TOWN OF GREENBURGH  
THEODORE D. YOUNG  
COMMUNITY CENTER  
BOILER PLANT REPLACEMENT  
32 MANHATTAN AVENUE  
WHITE PLAINS, NY 10607

DRAWING TITLE

## MECHANICAL AND PLUMBING SCHEDULES

SEAL	SCALE	PROJECT NO.
	AS NOTED	NTOG0011.00
	DRAWN BY	DRAWING NO.
	TO / AC	
	CHECKED BY	
	JK	
DATE	MP6.1	
3/26/21		



(3)

SEAL	SCALE	PROJECT NO.
	AS NOTED	NTOG0011.00
	DRAWN BY TO / AC	DRAWING NO.  M7.2
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	DATE 3/26/21	