

KITCHEN EQUIPMENT CONNECTIONS SCHEDULE										
EQUIPMENT TAG (FROM A4.02)	DESCRIPTION	NATURAL GAS			SANITARY/WASTE/DRAIN		DOMESTIC WATER			
		GAS FLOW (MBH)	GAS PRESSURE (IN W.C.)	CONNECTION SIZE (IN)	CONNECTION TYPE	CONNECTION SIZE (IN)	HOT WATER FLOW (GPM)	HOT WATER CONNECTION (IN)	COLD WATER FLOW (GPM)	COLD WATER CONNECTION (IN)
1	1,280 CF WALK-IN FREEZER									
2	1,280 CF WALK-IN COOLER									
3	BLAST CHILLER	-	-	-	AIR GAP	1/2 NPTM	-	-	-	-
4	80 QT PLANETARY MIXER	-	-	-	-	-	-	-	-	-
5	20 QT PLANETARY MIXER	-	-	-	-	-	-	-	-	-
6	STAINLESS STEEL WORK TABLE	-	-	-	-	-	-	-	-	-
7	STAINLESS STEEL EXHAUST HOOD WITH FS & MUA	-	-	-	-	-	-	-	-	-
8	4.0 GAL GAS BRAISER	200.0	<14	3/4 NPT	FLOOR DRAIN	2 TD VALVE	2.0	1/2 NPT	2.0	1/2 NPT
9	SINGLE RACK ROTATING OVEN	180.0	5 - 14	1 NPT	AIR GAP	1/2 NPTM	-	-	2.0	1/2 NPT
10	6 BURNER GAS RANGE	220.0	7 - 14	1 - 1/4 NPT	-	-	-	-	-	-
11	NESTING SPEED RACKS	-	-	-	-	-	-	-	-	-
12	STAINLESS STEEL FOOD PREP SINK	-	-	-	P-TRAP	1 - 1/2 IPS	2.0	1/2 NPT	2.0	1/2 NPT
13	STAINLESS STEEL HAND WASH SINK	-	-	-	P-TRAP	1 - 1/2 IPS	2.0	1/2 NPT	2.0	1/2 NPT
14	25 GAL GAS KETTLE	90.0	4 - 14	3/4 NPT	FLOOR DRAIN	22" x 24" x 4"	2.2	1/2 NPT	2.2	1/2 NPT
15	STAINLESS STEEL EXHAUST HOOD WITH FS & MUA	-	-	-	-	-	-	-	-	-
16	DOUBLE RACK ROTATING OVEN	275.0	5 - 14	1 - 1/4 NPT	AIR GAP	1/2 NPTM	-	-	3.0	1/2 NPT
17	VERTICAL CUTTER MIXER	-	-	-	FLOOR DRAIN	7-3/4" x 24" x 4"	2.2	1/2 NPT	2.2	1/2 NPT
18	4 BURNER GAS RANGE	160.0	7 - 14	1 - 1/4 NPT	-	-	-	-	-	-
19	DOUBLE DECK CONVECTION OVEN	120.0	4.5 - 13.8	1 NPT	-	-	-	-	-	-
20	STAINLESS STEEL WORK TABLE	-	-	-	-	-	-	-	-	-
21	CORNER SLIDE-IN DISHWASHER	-	-	-	AIR GAP	5/8 NPT	-	-	*15 PSI MIN	3/4 - 11.5 NH
22	STAINLESS STEEL THREE COMPARTMENT SINK	-	-	-	P-TRAP	1 - 1/2 IPS	2 x 2.0	2 x 1/2 IPS	2 x 2	2 x 1/2 ISP
23	STAINLESS STEEL WIRE SHELVING	-	-	-	-	-	-	-	-	-
24	ICE MACHINE	-	-	-	FLOOR DRAIN	TBD	-	-	TBD	TBD
25	STAINLESS STEEL WORK TABLE	-	-	-	-	-	-	-	-	-

LEGEND AND SCHEDULE OF PLUMBING EQUIPMENT										
TAG	MANUFACTURER	CATALOG NO.	MOUNTING HEIGHT	MAXIMUM FLOW RATE	DRAIN	WATER SUPPLY		DESCRIPTION		
						CW	HW			
LV-1	AMERICAN STANDARD	0355.012	32" MIN. - 34" MAX. AFF	0.5 GPM	1-1/4"	3/4"	3/4"	UNIT LAVATORY: "LUCERNE" WALL MOUNTED VITREOUS CHINA LAVATORY WITH FRONT OVERFLOW. SUPPLY WITH AMERICAN STANDARD FAUCET MODEL #7385.050, TAILPIECE, SUPPLY STOPS, FITTINGS, AND ADA COMPLIANT DRAIN AND SUPPLY COVERS. ADA COMPLIANT (34" MOUNTING HEIGHT). PROVIDE WALL MOUNTING HARDWARE AND SUPPORTS. INCLUDE ALL NECESSARY HARDWARE FOR A COMPLETE INSTALLATION.		
WC-1	AMERICAN STANDARD	3043.001	FLOOR MOUNTED	1.28 GPF	4"	1"	- - -	UNIT WATER CLOSET: "MADERA FLOWISE" FLOOR MOUNTED WATER CLOSET WITH ELONGATED BOWL. COLOR: WHITE. ADA COMPLIANT. SUPPLY WITH AMERICAN STANDARD FLUSHOMETER VALVE MODEL #6047.121.002. PROVIDE SEAT. COLOR TO MATCH TOILET. INCLUDE ALL NECESSARY HARDWARE FOR A COMPLETE INSTALLATION.		
UR-1	AMERICAN STANDARD	6590.501	15-1/4" MIN. - 24" MAX. AFF	0.5 GPF	2"	3/4"	- - -	UNIT URINAL: "WASHBROOK FLOWISE" WALL MOUNTED URINAL WITH TOP SPUD MANUAL FLUSH VALVE. ADA COMPLIANT. MOUNT TO ADA HEIGHT WHERE INDICATED ON ARCHITECTURAL DRAWINGS. PROVIDE WALL MOUNTING HARDWARE AND SUPPORTS. INCLUDE ALL NECESSARY HARDWARE FOR A COMPLETE INSTALLATION.		
FCO	ZURN	ZN-1400	FLOOR MOUNTED	- - -	- - -	- - -	- - -	FLOOR CLEANOUT: "LEVEL-TROL" ADJUSTABLE FLOOR CLEANOUT, DURA-COATED CAST IRON BODY, GAS AND WATERTIGHT ABS TAPERED THREAD PLUG, ROUND SCORIATED POLISHED NICKEL BRONZE TOP, ADJUSTABLE TO FINISHED FLOOR, SIZED TO MATCH PIPE.		
WCO	ZURN	Z-1446	9" AFF	- - -	- - -	- - -	- - -	WALL CLEANOUT: DURA-COATED CAST IRON BODY, GAS AND WATERTIGHT ABS TAPERED THREAD PLUG, ROUND SMOOTH STAINLESS STEEL WALL ACCESS COVER WITH SECURING SCREW, SIZED TO MATCH PIPE.		

PROVIDE FIXTURES SCHEDULED OR APPROVED EQUALS

GAS FIRED CONDENSING DOMESTIC HOT WATER HEATER SCHEDULE														*AO SMITH* AS STANDARD OR APPROVED EQUAL				
TAG	LOCATION	MODEL NO.	MAX. WORKING PRESSURE (PSI)	HEATING DATA					VENT DIAMETER (IN)	FLOW RATE AT 100°F AT (GPH)	DESIGN WATER TEMP. (°F)	MAX. WATER TEMP. (°F)	WEIGHT (LBS)	CAPACITY (GAL)	ELETRICAL DATA			REMARKS
				FUEL TYPE	INPUT (MBH)	THERMAL EFFICIENCY	GAS CONNECTION	INLET PRESSURE (IN. W.C.)							VOLTS/Ø/HZ	MCA	MCCP	
WH-1	BOILER ROOM	BTLH-500A	160	NAT. GAS	499.9	92%	1-1/2" NPT	4.8 - 14	6	557	140	180	1420	220	120/1/60	5	15	SEE NOTES

- NOTES:
- PROVIDE UNIT WITH CONDENSATE NEUTRALIZATION KIT. PIPE DRAIN LINE TO NEAREST FLOOR DRAIN AND PROVIDE WITH AIR GAP.
  - WATER HEATER TO BE ASME RATED & CERTIFIED.
  - PIPE DRAIN & RELIEF LINES TO FLOOR DRAIN PER MANUFACTURER'S RECOMMENDATIONS.

DOMESTIC WATER EXPANSION TANK SCHEDULE												*WESSELS COMPANY* AS STANDARD OR APPROVED EQUAL	
TAG	LOCATION	MODEL NO.	WORKING PRESSURE (PSIG)	FILL PRESSURE (PSIG)	TANK SIZE			WEIGHT (LBS)	TANK CONNECTIONS		REMARKS		
					DIAMETER (IN)	HEIGHT (IN)	ACCEPTANCE VOLUME (GAL)		SUPPLY (IN)	CHARGING VALVE (IN)			
ET-1	BOILER ROOM	TXA-85	150	40	16	37	21	90	1 NPT	0.302 - 3/2NC	SEE NOTES		

- NOTES:
- TANK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION VIII OF THE ASME BOILER AND VESSEL CODE AND STAMPED FOR 150 PSIG WORKING PRESSURE.
  - RELIEF VALVE SHALL BE SET AT MANUFACTURER'S RECOMMENDED RELIEF PRESSURE.
  - BUTYL BLADDER AND STEEL TANK SHALL BE FDA-APPROVED FOR POTABLE WATER USAGE.



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SEAL  
ERIC D. FELLENER, P.E.  
NY PROFESSIONAL ENGINEER  
NO. 073044-1  
ISSUED 1999, EXP. 2025

**PEEKSKILL FIREHOUSE KITCHEN INCUBATOR**  
 City of Peekskill (Owner)  
 701 Washington Street  
 Peekskill, New York 10566  
 S-B-L: 32-20-9-1  
 City of Peekskill - Westchester County  
**DRAFT CONSTRUCTION DOCUMENT - NOT FOR PERMIT OR CONSTRUCTION**

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Revisions:

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1" = 2"  
0 1/8" 1/4" 3/8" 1/2" 1" 2"  
REFERENCE SCALE

P8.01