

PLUMBING LEGEND	
--- CD --- CD ---	CONDENSATE PIPING
----- G -----	NATURAL GAS PIPING
----- W -----	COLD WATER PIPING
--- FEW --- FEW ---	FILTERED COLD WATER PIPING
----- H -----	140 DEG HOT WATER PIPING
----- U -----	UNDER SLAB WATER PIPING
	DROP
	FLOOR DRAIN
	HUB DRAIN
	FLOOR SINK - FS
	WALL / FLOOR / GRADE CLEAN OUT
	VENT THRU ROOF - VTR
	TROUGH DRAIN (ICE MACHINE)
	TROUGH DRAIN (RESTROOMS)

WATER HEATER SCHEDULE								
PLAN MARK	EQ.#	EQ. DESCRIPTION	QTY	KW	TEMP RISE	DELIVER GPM	MANUFACTURER	MODEL
WH1	57 31	MOP SINK/3 COMP	1	24	63	2.5*	EEMAX	XTP024208
WH2-6	40 54 P-2	HAND SINKS/LAVATORIES	5	4.8	63	0.5*	EEMAX	AM005240T

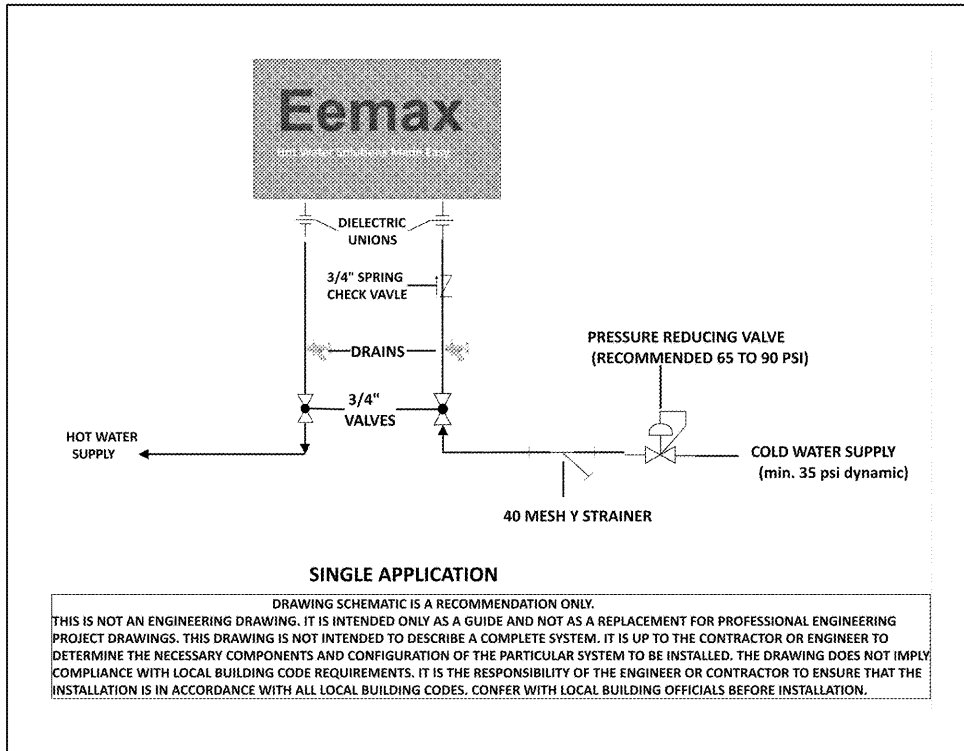
CONTACT EEMAX VENDOR: C7 NATIONAL 317-4411 BOB BATES

- * PROVIDE A 2.5 GPM IN LINE FLOW RESTRICTOR (EXC-2.5-IFR) FOR THE POINT OF USE USED FOR THE 3 COMPARTMENT AND MOP
- * PROVIDE A 0.5 GPM RESTRICTOR FOR LAVATORIES AND HAND SINKS

PLUMBING FIXTURE CONNECTION SCHEDULE					
MARK	SPECIFICATION	CW (IN)	HW (IN)	WASTE (IN)	VENT (IN)
WC	WATER CLOSURE - CAP. 1/2" MTD. HOBLER * K-3493 HIGHLINE PRESSURE LIGHT, 1/2" RIM HEIGHT, 1.28 G.P.E., ELONGATED BOWL, SLOAN FLUSHMATE 1.6 GPF BATTERY SENSOR, F.V. K-4611 ELONGATED OPEN FRONT SEAT WITH SELF-SUSTAINING HINGE. * ORDER SO FLUSH LEVEL IS ON THE OPEN SIDE OF THE ADA CLEAR TURNING RADIUS.	1/2"	---	4"	2"
LAV	LAVATORIES (WALL HUNG, PUBLIC) AMERICAN STANDARD DECYLN #0321.026 WITH WALL HANGER, 1/2" EBF-650 BATTERY OPERATED SENSOR FAUCET WITH ETF-460-A GRID STRAINER, 17 GA. CAST BRASS STOP WITH BRAIDED SUPPLY. PROVIDE TRAP AND SUPPLY INSULATION PROTECTION.	1/2"	1/2"	1-1/4"	1-1/4"
MS	JANITOR SINK - FLORESTONE MOP SINK BASIN MODEL MSR-3624 36" x 24" x 10" DEEP WITH 3" DRAIN. WALL MOUNTED FAUCET PROVIDED IN KITCHEN EQUIPMENT PACKAGE. T&S MODEL B-0658 SINK FAUCET w/B-0969 VACUUM BREAKER AND w/6" WRIST BLADE COLOR CODED HANDLES.	1/2"	1/2"	3"	1-1/2"
FPBH	WALL HYDRANT - WOODFORD 17 FREEZE RESISTANT WALL HYDRANT WITH VACUUM BREAKER, WALL FLANGE AND TEE KEY HANDLE	3/4"	---	---	---
TP	TRAP PRIMER - PRECISION PLUMBING PRODUCTS PRIME RITE	1/2"	---	---	---
FS	FLOOR SINK - PLASTIC ODDITIES PBH400T (4") PVC BODY WITH 3/4" GRATE, SQUARE TOP WITH SECONDARY BEEHIVE STRAINER.	---	---	4"	2"
FD	FLOOR DRAIN - PLASTIC ODDITIES PHD860R (3") PVC BODY WITH 6" NICKEL STRAINER AND ROUND RING	---	---	3"	1-1/2"
TD-1	NARROW TRENCH DRAIN - RESTROOMS ZURN Z886-(2)E1-(1)U1.5-P0G-48" (COLOR BY ARCHITECT) MODULAR 2-1/2" WIDE TRENCH DRAIN WITH HDPE DRAIN GRATE. GRATE COVER GRAY TO MATCH ADJACENT FLOOR TILE. PROVIDE WITH 2" DEEP SEAL P-TRAP PRIMER CONNECTION AS REQUIRED BY LOCAL CODE AUTHORITY.	---	---	3"	AS SHOWN
TD-2	TRENCH DRAIN AT ICE MACHINE - ZURN MODEL Z886-(2)E1-(1)U4-SVF-PS-36" MODULAR CHANNEL DRAIN, BODY OF HDPE WITH END CAPS, 4" OUTLET, STAINLESS STEEL GRATE AND FRAME. PROVIDE WITH DEEP SEAL TRAP.	---	---	4"	2"
RD	ROOF DRAIN - ZURN MODEL RD2102 - 12" CAST IRON STRAINER FOR PVC PIPE CONNECTION.	---	---	4"(ST)	---

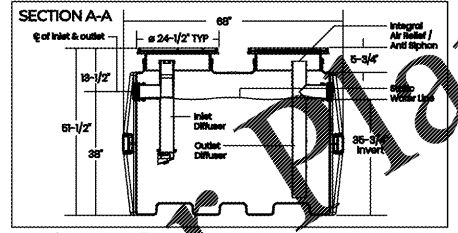
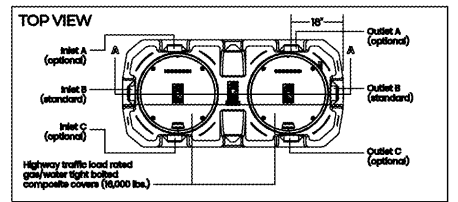
* KITCHEN EQUIPMENT				PLUMBING								
ITEM	BY	QTY	BASE	DESCRIPTION	REMARKS	WATER HOT	WASTE	GAS MBTU	LOC. SIZE	A.F.F.	REMARKS	
5A	KEC	1	-	HAND SINK w/ SPLASHES	ADVANCE TABCO #DI-1-10SP	1/2"	1/2"	1-1/2"			12"	
7	KEC	1	LEGS	DRINK DISPENSER	BY OWNER		3/8"	1/2"			12"	VERIFY
7A	KEC	1	LEGS	DRINK HEAD CARBONATOR	BY OWNER						12"	VERIFY
8	KEC	1	BASE	TEA / COFFEE BREWER	BUNN-O-MATIC #35700.0019 ITCB-DV	1/4"					48"	
15	KEC	1	LEGS	STEAMER	GROEN #162713 CD 6-E	3/4"	3/4"				42"	
15A	KEC	1	-	STEAMER	GROEN #LCH-6E							Condenser
18	KEC	1	LEGS	CONVEYOR BROILER	MARSHALL #F12G-DUAL			50	3/4"	14"		
30	KEC	1	LEGS	DISHWASHER	HOBART #JXR-2	1/2"	1-1/2"				12"	
31	KEC	1	WALL	3 COMP SINK / FAUCET	ADVANCE TABCO #FC-3-1824-18L-X	1/2"	1/2"				12"	
33	KEC	1	LEGS	1 COMP SINK / FAUCET	ADVANCE TABCO #FC-1-1824-18L-X	1/2"	2"				12"	
34	KEC	1	BIN	ICE MACHINE - CUBER	ICE-O-MATIC # GEM0650A	3/8"	3/4"				60"	
34A	KEC	1	LEGS	ICE BIN	ICE-O-MATIC # B100PS		3/4"					
54	KEC	1	LEGS	CARLSLE BEV. SERVER	WATER COOLER #XT1	1/2"					74"	
57	KEC	1	WALL	MOP SINK FAUCET	T & S BRASS #B-0658	1/2"	1/2"				33"	
60	KEC	2	WALL	HAND SINK w/ SPLASHES	ADVANCE TABCO #7-PS-66	1/2"	1/2"	1-1/2"			20"	1.5" DRAIN @ 24"
66	KEC	1	LEGS	DRINK HEAD w/ ICE DISP.	BY OWNER	1/2"					12"	VERIFY
66A	KEC	1	LEGS	DRINK HEAD CARBONATOR	BY OWNER						12"	VERIFY
67	KEC	1	BIN	ICE MAKER	ICE-O-MATIC # GEM0650A	3/8"	3/4"				12"	
71	OWNER	1	WALL	WATER FILTER	ECOLAB #9320-2268	3/4"						VERIFY W/ ECOLAB
AA	KEC	1	WALL	EXHAUST HOOD # 1 @ 144"	MARSHALL AIR							
		1	ROOF	ROOF EXHAUST FAN	MARSHALL AIR							
		1	ROOF	ROOF EXHAUST MAKE-UP-AIR	MARSHALL AIR							
BB	KEC	1	WALL	EXHAUST HOOD # 2 @ 52"	MARSHALL AIR			192	1"	ROOF		
		1	ROOF	EXHAUST FAN	MARSHALL AIR							

* TABLE EXCEPTED FROM KITCHEN EQUIPMENT SUPPLIER DRAWINGS AND SHOULD BE USED AS REFERENCE ONLY FOR BIDDING PURPOSES. VERIFY ALL REQUIREMENTS WITH KES DRAWINGS PRIOR TO COMMENCEMENT OF WORK



1 WATER HEATER 1 DETAIL
SCALE NTS

- 4" PLAIN END INLET/OUTLET
- UNIT WEIGHT - W. COMPOSITE COVERS: 230 LBS; W/CAST IRON COVERS: 340 LBS (ADD 2,290 MET WEIGHT)
- MAXIMUM OPERATING TEMPERATURE: 150° CONTINUOUS
- CAPACITIES - LIQUID 275 GAL; 8100 GPM - GREASE 1,751 LBS; 8200 GPM - GREASE 1,196 LBS; SOLIDS: 21 GAL.
- BUILT-IN FLOW CONTROL
- FOR DRAINAGE APPLICATIONS ONLY.
- NOT FOR PRESSURE APPLICATIONS.
- COVER PLACEMENT ALLOWS FULL ACCESS TO TANK FOR PROPER MAINTENANCE.
- VENT NOT REQUIRED UNLESS PER LOCAL CODE.
- ENGINEER INLET AND OUTLET DIFFUSERS WITH INSPECTION PORTS ARE REMOVABLE TO INSPECT / CLEAN PIPING.
- INTEGRAL AIR RELIEF / ANTI-SIPHON / SAMPLING ACCESS.
- FIXED OUTLET MODELS (-FO) HAVE INLET AND OUTLET PERMANENTLY WELDED AT THE FACTORY IN THE STRAIGHT-THROUGH (B) POSITIONS.



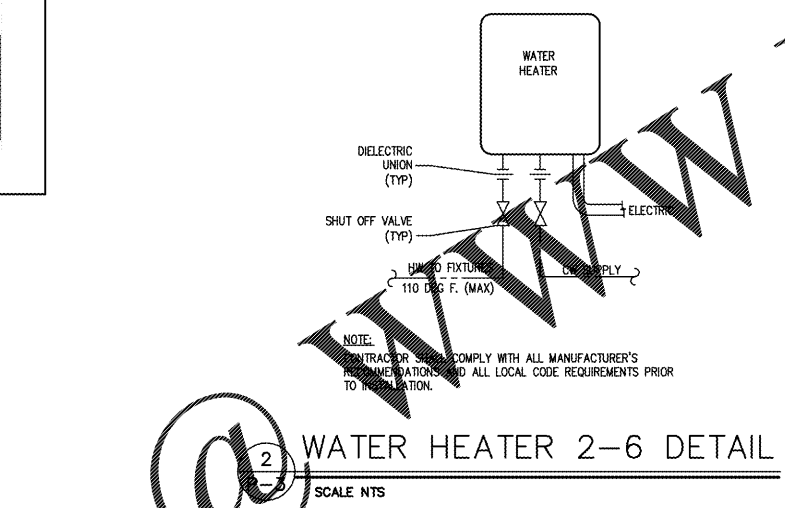
Rated Grease Capacities for Units Piped in Surface

No. of Units in Surface	Decreased Efficiency	200 GPM	200 GPM
	67.8%	69.5%	61.8%
2	3,013 lbs.	2,693 lbs.	2,882 lbs.
3	5,384 lbs.	N/A	3,658 lbs.
4	7,220 lbs.	5,195 lbs.	4,784 lbs.
6	9,877 lbs.	N/A	5,890 lbs.
8	10,839 lbs.	7,779 lbs.	7,778 lbs.
7	12,690 lbs.	N/A	8,772 lbs.
8	14,452 lbs.	10,872 lbs.	9,598 lbs.

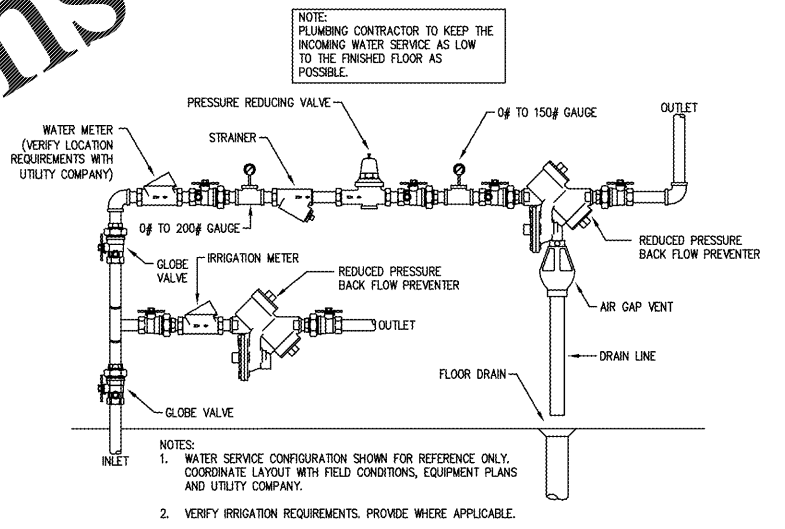
Units piped in surface are certified to ASME A821.43 (Type C) and ASME A821.41 and include an internal flow control. Backflow control with vent not required. Testing was performed on a series installation of 2 08-250 units, capacities for more than 2 units piped in surface were calculated using the results of the 2-unit test.

* satisfies Micro DIRM 99% efficiency requirements

3 GREASE INTERCEPTOR DETAIL
SCALE NTS



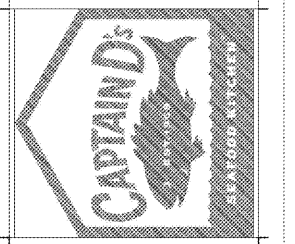
2 WATER HEATER 2-6 DETAIL
SCALE NTS



4 WATER SERVICE ENTRANCE DETAIL
SCALE NTS



A NEW LOCATION FOR
CAPTAIN D'S
7525 STATE AVENUE
KANSAS CITY, KS 66112
CAPTAIN D'S, LLC
624 GRASSMERE PARK DRIVE,
SUITE 30
NASHVILLE, TN 37211



Job Number: _____
Revisions: _____

P-3
PLUMBING LEGENDS SCHEDULES & DETAILS