

PLUMBING CONNECTION SCHEDULE

CONN	SYM	ITEM	CONNECTION DESCRIPTION	HW	CW	DR SIZE	DR TYPE	GAS	TYPE	AFF	LOCATION	REMARKS	CONN
P1	◊	7/9	EVAPORATOR DRAIN LINES									FSES TO PIPE EVAPORATOR DRAINS TO HERE	P1
P2	◊	-	"P" TRAP										P2
P3	◊	-	FLOOR SINK			4	FS						P3
P4	◊	19	FAUCET - CART WASH	1/2	1/2					21	IN WALL		
P5	◊	23	HAND SINK			1 1/2	SOLID			18	IN WALL		P4
P6	◊	23	HAND SINK	1/2	1/2					21	IN WALL		P6
P7	◊	29	WORK TABLE			4	FS					P.C. PIPE 2" DRAIN TO HERE	P7
P8	◊	29	FAUCET	3/4	3/4					18	IN WALL		P8
P9	•	50	UTILITY DISTRIBUTION SYSTEM		*					O/H	FROM ABOVE	SEE U.D.S. CHART	P9
P10	•	50	UTILITY DISTRIBUTION SYSTEM		*					O/H	FROM ABOVE	SEE U.D.S. CHART	P10
P11	•	50	UTILITY DISTRIBUTION SYSTEM		*					O/H	FROM ABOVE	SEE U.D.S. CHART - STEAM SUP.	P11
P12	•	50	UTILITY DISTRIBUTION SYSTEM		*					O/H	FROM ABOVE	SEE U.D.S. CHART - COND. RET.	P12
P13	◊	52	WORKTABLE - VEGETABLE PREP			4	FS					P.C. PIPE 2" DRAIN TO HERE	P13
P14	◊	52	WORK TABLE	1/2	1/2					15	STUB UP	P.C. BRANCH TO FAUCET	P14
P15	◊	54	FAUCET - FILL	1/2	1/2					+4	IN WALL		P15
P16	◊	59	THREE (3) COMPARTMENT SINK			(3) 2	FS					SEE NOTE #4	P16
P17	◊	60	FAUCET	1/2	1/2					18	IN WALL		P17
P18	◊	61/62	PULPER / FAUCET - PRE-RINSE	3/4	3/4					18	IN WALL	SEE NOTE #9	P18
P19	◊	61	PULPER W/CONE			*	SOLID			??	STUB UP	SLURRY LINE TO ITEM #142	P19
P20	◊	70	HAND SINK			1 1/2	SOLID			18	IN WALL		P20
P21	◊	70	HAND SINK	1/2	1/2					21	IN WALL		P21
P22	◊	95	ICE MACHINE				FUNNEL FD					SEE NOTE #4	P22
P23	•	98	FILTER		1/2								P23
P24	◊	117	MOP BASIN		*		SOLID			+4	STUB UP	SEE ENGINEER(S) DRAWINGS	P24
P25	◊	118	FAUCET - JANITOR	1/2	1/2					36	IN WALL		P25
P26	◊	121	FAUCET - DETERGENT	3/4	3/4					36	IN WALL		P26
P27	◊	123	THREE (3) COMPARTMENT SINK			(3) 2	FS					SEE NOTE #4	P27
P28	◊	124	FAUCET	3/4	3/4					18	IN WALL		P28
P29	◊	125/126	COLLECTOR / FAUCET - PRE-RINSE	3/4	3/4					18	IN WALL	SEE NOTE #9	P29
P30	◊	125	COLLECTOR			3	SOLID			10	IN WALL		P30
P31			NOT USED										P31
P32		134	PULPER										P32
P33			NOT USED										P33
P34			NOT USED										P34
P35	◊	135	DISHMACHINE - FLIGHT TYPE			4	FS					SEE NOTE #13	P35
P36	◊	135	DISHMACHINE - FLIGHT TYPE							O/H	FROM ABOVE	1-1/2" S. S. (TANK HEAT/BOOSTER)	P36
P37	◊	135	DISHMACHINE - FLIGHT TYPE							O/H	FROM ABOVE	3/4" C. R. (BLOWER DRYER)	P37
P38	◊	135	DISHMACHINE - FLIGHT TYPE							O/H	FROM ABOVE	3/4" C. R. (TANK HEAT/BOOSTER)	P38
P39	•	135	DISHMACHINE - FLIGHT TYPE	1						O/H	FROM ABOVE	SEE NOTES #7 & #8	P39
P40	•	135	DISHMACHINE - FLIGHT TYPE							O/H	FROM ABOVE	1-1/2" S. S. (BLOWER DRYER)	P40
P41	•	135	DISHMACHINE - FLIGHT TYPE							O/H	FROM ABOVE	3/4" C. R. (STEAM COIL)	P41
P42	◊	135	DISHMACHINE - FLIGHT TYPE			4	FS					FOR HOT WATER & STEAM RELIEF VALVE	P42
P43	•	135	DISHMACHINE - FLIGHT TYPE		1					O/H	FROM ABOVE	PRE-WASH TEMP. CONTROL	P43
P44	◊	140	HAND SINK			1 1/2	SOLID			18	IN WALL		P44
P45	◊	140	HAND SINK	1/2	1/2					21	IN WALL		P45
P46	◊	142	EXTRACTOR		*		SOLID			??	STUB UP		P46
P47	◊	142	EXTRACTOR	3/4	3/4					18	IN WALL		P47
P48	◊	142	EXTRACTOR			4	FS						P48
P49	◊	33/44/45	COMBI OVEN			4	FS					FSES TO PIPE COMBI OVENS TO HERE	P49
P50	◊	58	KETTLE STAND			4	FS					PC TO PIPE KETTLE STAND TO HERE	P50
P51	◊	35	KETTLE STAND			4	FS					FSES TO PIPE KETTLE STAND TO HERE	P51
P52	◊	134	PULPER							O/H	FROM ABOVE	SLURRY LINES FROM #134 TO #142-BY P.	P52
P53	◊	61	PULPER/CONE							O/H	FROM ABOVE	SLURRY LINES FROM #62 TO #142-BY P.	P53
P54	◊	76/77/81	HOT/COLD/HOT FOOD STATIONS			4	FS					CLEAR VINYL HOSE W/ SHUT OF VALVE-BY FSES	P54
P55	◊	125	COLLECTOR										P55
P56	•	50	UTILITY DISTRIBUTION SYSTEM	*	*							SEE NOTE 15	P56
P57	•	50	UTILITY DISTRIBUTION SYSTEM									SEE NOTE 16	P57
P58			NOT USED										P58
P59	◊	91	BEVERAGE COUNTER										P59
P60	◊	91	BEVERAGE COUNTER	1/2	1/2					18	IN WALL	SEE NOTE 17	P60
P61	◊	128/132/133	BUSSING CONVEYOR/HOSE REEL/PULPER	3/4	3/4					4	STUB UP	SEE NOTE 18	P61
P62	◊	73	TRAY MAKE UP CONVEYOR	1/2	1/2					4	STUB UP	PRE-PIPED FAUCETS ON #73-PIPED TO HERE BY FSES	P62
P63			NOT USED										P63
P64			NOT USED										P64
P65	◊	138	BUSSING CONVEYOR			4	FS					SEE NOTE 20	P65

PLUMBING NOTES:

- ALL CONNECTIONS UNLESS OTHERWISE NOTED BRANCHED FROM BUILDING SUPPLY TO EQUIPMENT CONNECTIONS BY RESPECTIVE TRADES AND ARE NOT A PART OF THE FSES RESPONSIBILITIES UNLESS OTHERWISE NOTED.
- CONNECTION HEIGHTS INDICATED ARE TO THE CENTERLINE OF THE CONNECTIONS.
- FSES TO PIPE DRAINS FROM EACH PIECE OF EQUIPMENT ON SERVING COUNTERS TO THE ADJACENT FLOOR SINK AS INDICATED.
- SINK COMPARTMENT SIZE: EACH 24" X 28" X 12" DEEP. GREASE TRAP TO BE REMOTE - OUTSIDE. IF NOT, IT MUST BE RECESSED AND FLUSH WITH THE FLOOR. P.C. CONNECT 2" DRAIN ON EACH SINK COMPARTMENT TO HERE.
- FSES TO PROVIDE FOR ALL GAS CONNECTIONS - SHUT-OFF VALVE, PRESSURE REGULATOR, QUICK DISCONNECT HOSE WITH SWIVEL FITTINGS AT BOTH ENDS OF HOSE, RESTRAINING CABLE(S) AND FINAL CONNECTION WHETHER MOBILE OR STATIONARY - SEE DETAIL.
- FSES TO FURNISH AND INSTALL REEL, VACUUM BREAKER, MIXING VALVE AND BRACKET - SEE DETAIL.
- WATER CONSUMPTION 160 GPH OF 140 DEGREE H.W. AT 20 PSI FROM PRIMARY WATER SOURCE TO BOOSTER HEATER. PRV BY P.C.
- ITEM #135 DISHMACHINE REQUIRES 50 GALLONS OF 110 DEGREE WATER FROM PRIMARY WATER SOURCE TO INITIALLY FILL THE WASH TANK.
- P.C. BRANCH PRE-RINSE FAUCET & PULPER INCLUDING SOLENOID VALVE ON C.W. LINE - SOLENOID VALVE FURNISHED BY FSES, INSTALLED BY P.C.
- FSES TO INSTALL FILTER AND PIPE TO COMBI OVEN - P.C. TO MAKE FINAL CONNECTION FROM BUILDING SUPPLY TO FILTER.
- FSES TO PIPE EVAPORATOR DRAINS AS INDICATED TO OUTDOORS.
- FSES TO INSTALL "P" TRAP IN EVAPORATOR DRAIN LINE WHERE INDICATED.
- CONNECTION TO FLOOR SINK AT DISHMACHINE (P35 & P42) TO BE MADE WITH COPPER.
- FSES TO PIPE EACH DRAIN INDEPENDENTLY OF ONE ANOTHER TO FLOOR SINK. BUNDLE PIPING FOR A NEAT & CLEAN INSTALLATION. SUSPEND PIPING WHERE NECESSARY SO THAT NO PIPING IS LAYING ON THE FLOOR.
- HOT/COLD WATER PIPING OVERHEAD FROM MAIN RISER DOWN THIS RISER TO FEED # 36 AND 41. WATER FACTORY PRE-PIPED TO RESPECTIVE POINT OF CONNECTION. FROM POINT OF CONNECTION QUICK DISCONNECT HOSE ASSEMBLIES FURNISHED AND INSTALLED BY FSES.
- STEAM SUPPLY AND RETURN OVERHEAD FROM MAIN RISER TO FEED # 36 KETTLES. STEAM SUPPLY AND RETURN FACTORY PRE-PIPED TO CONNECTION POINT. FROM POINT OF CONNECTION QUICK DISCONNECT HOSE ASSEMBLIES FURNISHED AND INSTALLED BY FSES. EANM COOWN THIS RISER TO CONNECTION POINT.
- ANY EQUIPMENT ON #91 BEVERAGE COUNTER THAT REQUIRES WATER WILL BE PIPED BY FSES.
- HOT AND COLD WATER PIPED TO COMMON POINTS FOR THE #128 BUSSING CONVEYOR, #132 HOSE REEL, #134 PULPER AND #140 HAND SINK.
- NOT USED
- FSES TO PIPE 1-1/2" DRAIN TO FS WITH STAINLESS STEEL PIPING

VENTILATION REQUIREMENTS						
ITEM#	COLLAR#	QTY	CFM EXHAUST	C.F.M. MUA	COLLAR SIZE	S.P. COLLAR
47	EX1	2	2625		10" X 24"	-0.318
47	EX2	2	2250		10" X 20"	-0.322
47	S1	2		2100	12" X 220"	
47	S2	2		1800	12" X 220"	
135	EX3	1	1000		16" DIA.	0.250

PLUMBING LEGEND	
◊	HW & CW SUPPLY
•	HW OR CW SUPPLY
◊	FLOOR SINK - HALF GRATE
◊	FLOOR SINK - 3/4 GRATE
◊	FLOOR SINK - FULL GRATE
◊	FLOOR DR
◊	FUNNEL DR
◊	HUB DR
◊	DIRECT WASTE
◊	GAS
◊	PLUMBING NOTE - SEE REMARKS

IN ADDITION TO F.S. DRAWINGS, FSES REFER TO MECHANICAL PLANS FOR COORDINATION, LOCATION OF COLLARS VERIFIED WITH JOB-SITE CONDITIONS. THIS PLAN IS FOR INFORMATIONAL PURPOSES ONLY. FOR EXACT LOCATION, SIZE, C.F.M. AND STATIC PRESSURE REFER TO SPECIFIED MANUFACTURERS DRAWING(S).

NOTE  
ALL CONTRACTORS ARE NOT TO USE THE ENGINEERS DRAWINGS FOR LOCATION OF ANY CONNECTION IN THE DIETARY DEPARTMENT. THESE LOCATIONS WILL BE PROVIDED BY THE FSES DURING THE SUBMITTAL PHASE. IF ANY CONNECTION LOCATION IS NEEDED OR REQUIRED BECAUSE OF JOBSITE CIRCUMSTANCES THEN THE CONTRACTOR SHALL CONTACT THE ENGINEER OR THE ARCHITECT FOR THIS INFORMATION. FAILURE TO COMPLY MAY CONSTITUTE A CONTRACTOR MOVING CONNECTIO(S) AT THEIR EXPENSE.

three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot

CONSTRUCTION DOCUMENTS

<b>CONSULTANTS:</b> 		<b>ARCHITECT/ENGINEERS:</b>  <b>MAK ARCHITECTS, INC.</b> ARCHITECTURE • PLANNING • INTERIOR DESIGN 8328-R Olive Boulevard., St. Louis, Missouri 63132 mak@makarchitects.com www.makarchitects.com 314-997-3802 314-993-3761 (Fax)		<b>Drawing Title</b> <b>PLUMBING CONNECTION SCHEDULE</b>		<b>Project Title</b> <b>CONSTRUCT NEW DIETETICS</b> DEPARTMENT OF VETERAN AFFAIRS MEDICAL CENTER		Scale: 1/4"=1'-0" <b>Project Number</b> 657A5-10-101 <b>Building Number</b> Building #2 <b>Drawing Number</b> <b>FS-4</b> Day 4 of 5		<b>Office of Construction and Facilities Management</b>  Department of Veterans Affairs			
<b>Revisions:</b> 				<b>Approved Project Director</b> 		<b>Location</b> 2401 WEST MAIN STREET, MARION, IL 62959		<b>Date</b> 12-29-2015		<b>Checked</b> J.K.W.		<b>Drawn</b> J.H.G.	