GAS FIRED WATER HEATERS

MARK	LOCATION	INPUT MBH	GPH @ 80 DEGREE RISE	STORAGE CAP	MANUFACTURER	REMARKS
HWH-1	–	199,900	294	100	A.O.SMITH	

EXPANSION TANKS

MARK	LOCATION	SERVES	MINIMUM ACCEPTANCE	WORKING PRESS (PSI)	SIZE (APPROX)	MANUFACTURER	REMARKS
ET-1	–	DOM. HW	4.4	150	11"øx15"	AMTROL	MODEL ST-12

*NOTE: CONTRACTOR SHALL ADJUST PRE-CHARGE OF EXPANSION TANK TO EQUAL INCOMING WATER PRESSURE PRIOR TO INSTALLATION.

PUMPS

MARK	LOCATION	SERVICE	GPM	HEAD (FT.)	MOTOR DATA				RPM	TYPE	MFR.	REMARKS
					HP	VOLTS	PH	CYC.				
P-1	–	DOM. HW	1.5	10.5	1/20	115	1	60	2800	INLINE	B & G	MODEL: NBF-12F/LW

VALVE SCHEDULE

TYPE	MANUFACTURER	THREADED/FLANGED PIPING		SOLDERED/BRAZED PIPING
		2" AND SMALLER	2-1/2" AND LARGER	3" AND SMALLER
GATE	JENKINS	47-C	651-C	1242-C
	MILWAUKEE	148	2885	115
	STOCKHAM	B-100	G-623	B-108
BALL	JENKINS	901A	---	902A
	MILWAUKEE	BA100	---	BA150
	STOCKHAM	S-216-BR1-R-T	---	S-216-BR1-R-S
CHECK	JENKINS	4092	624-C	4093
	MILWAUKEE	509	F2974	1509
	STOCKHAM	B-319	G-931	B-309
AUTOMATIC BALANCING	HAYS	43-45-2510-0.50-P/T	N.A.	N.A.

SYMBOLS

PLUMBING

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SANITARY DRAIN ABOVEGROUND		CLEAN OUT	WC	WATER CLOSET (TANK TYPE)
	SANITARY DRAIN BELOWGROUND	GCO	GRADE CLEAN OUT	WC	WATER CLOSET (FLUSH VALVE)
	VENT LINE	N.I.T.C.	NOT IN THIS CONTRACT	UR	URINAL
AV	ACID WASTE	VTR	VENT THROUGH ROOF	LAV	LAVATORY
AV	ACID VENT		VACUUM BREAKER	KS	KITCHEN SINK
WAGD	WASTE ANESTHESIA GAS DISPOSAL		BALL VALVE	SS	SERVICE SINK
S	STORM DRAIN ABOVEGROUND		GLOBE VALVE	CSS	CLINIC SERVICE SINK
S	STORM DRAIN BELOWGROUND		CHECK VALVE	CS	CLASSROOM SINK
	COLD WATER (CW)		PRESSURE REGULATING VALVE (PRV)	DF	DRINKING FOUNTAIN
DS	DISTILLED WATER		COMBINATION GAS COCK AND PRESSURE REGULATING VALVE	EWC	ELECTRIC WATER COOLER
DW	DRINKING WATER			SH	SHOWER HEAD
DW	DRINKING WATER CIRCULATING		PRESSURE RELIEF VALVE	BT	BATH TUB
	HOT WATER (HW)		STOP AND WASTE VALVE		
	HOT WATER CIRCULATING (HWC)		STOP AND WASTE VALVE (IN RISE)	FHC	FIRE HOSE CABINET
180°	HOT WATER 180°		MIXING VALVE	F-1	SPECIAL FIXTURE NUMBER
180°	HOT WATER CIRCULATING 180 °		GAS COCK		COLUMN NUMBER
T	TEMPERED WATER		FIRE ALARM VALVE (SPRINKLER)		PLUMBING RISER NUMBER
T	TEMPERED WATER CIRCULATING			+X"	ROUGH-IN HEIGHT FOR PIPE
F	FIRE LINE		COLD WEATHER VALVE (SPRINKLER)		
SM	SPRINKLER MAIN BRANCH		WATER MOTOR ALARM (SPRINKLER)		
	SPRINKLER BRANCH HEADS	HB	HOSE BIBB		
G	GAS LINE	WH	WALL HYDRANT		
A	COMPRESSED AIR LINE	FH	FIRE HYDRANT		
V	VACUUM LINE	MH	MANHOLE		
OX	OXYGEN LINE	SW	STREET WASHER		
PN	PNEUMATIC TUBE		VALVE IN RISE		
CS	COLD SOFT WATER		EXPANSION JOINT		
HS	HOT SOFT WATER	RD	ROOF DRAIN		
HS	HOT SOFT WATER CIRCULATING	DS	DOWN SPOUT		
	UNION	V.C.P.	VITRIFIED CLAY PIPE		
	STRAINER	C.I.	CAST IRON		
	AUTOMATIC BALANCING VALVE	I.E.	INVERT ELEVATION		
	RUNNING TRAP				

PAUL DHANENS • ARCHITECT

ARCHITECT

CHARLES PAUL DHANENS
No. C-23843
RENEWAL
STATE OF CALIFORNIA

5100 CALIFORNIA AVE., SUITE 107
BAKERSFIELD, CALIFORNIA 93309
TELEPHONE: (661) 324-8336
FACSIMILE: (661) 326-8337

CONSULTANT

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NOTICE TO CONTRACTORS
Written dimensions on these drawings shall take precedence over scaled dimensions. Contractors shall verify and be responsible for confirming all dimensions and shall notify the architect immediately of any descrepancies or field variations discovered.

PROJECT

TENANT IMPROVEMENT FOR

Steak 'n Shake — FAMOUS FOR STEAKBURGERS

1966 WEST AVE L
LANCASTER, CA

DATE	ISSUED FOR
9-24-18	BUILDING DEPT SUBMITTAL
6-26-19	

NO.	REVISIONS
1	
2	
3	
4	

PLUMBING

FILE NAME: 2366A2-0

SHEET

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