

Order Plans @

ELECTRIC WATER HEATER SCHEDULE

SYM.	DESCRIPTION	STORAGE (GALLONS)	GPH RECOVERY @ 80° F RISE	ELECTRICAL DATA			SELECTION BASED ON		REMARKS	
				KW	VOLTS	PHASE	HERTZ	MANUFACTURER		MODEL
WH1	ELECTRIC WATER HEATER	10	8	2	120	1	60	RHEEM	EGSP10	1,2

REMARKS:
1. EQUIVALENT MANUFACTURERS: A.O. SMITH, LOCHINVAR
2. WATER HEATER SHALL MEET OR EXCEED THE REQUIREMENTS OF ASHRAE 90.1.

GAS WATER HEATER SCHEDULE

SYM.	DESCRIPTION	STORAGE (GALLONS)	GAS BURNER DATA			FLUE SIZE	SELECTION BASED ON		REMARKS
			INLET PRESS. (IN. W.C.)	BTU/HR INPUT	GPM FLOW @ 100° F RISE		MANUFACTURER	MODEL	
WH2	GAS FIRED WATER HEATER	0	8	199,900	3.8 (EA)	4" CPVC	RINNAI	C199H	1,2,3,4,5,6

REMARKS:
1. ELECTRICAL REQUIREMENTS: 120V, 15 AMP BREAKER
2. WATER HEATER SHALL MEET OR EXCEED THE REQUIREMENTS OF ASHRAE 90.1.
3. PROVIDE DIRECT VENT PIPING TERMINATING THROUGH ROOF PER WATER HEATER MANUFACTURER INSTALLATION INSTRUCTIONS. USE CPVC PIPE OR STAINLESS STEEL FOR VENTING, PVC PIPING IS NOT ACCEPTABLE.
4. PROVIDE CARBON MONOXIDE DETECTOR ADJACENT TO GAS FIRED EQUIPMENT.
5. PROVIDE MULTI-SYSTEM CONTROLLER BOARD AND CONNECTING CABLES. (RINNAI MSB-M CONTROLLER; MSB-C1 CONNECTION CABLE)

EXPANSION TANK SCHEDULE

SYM.	DESCRIPTION	VOLUME (GALLONS)	DIAMETER (INCHES)	HEIGHT (INCHES)	SELECTION BASED ON		REMARKS
					MANUFACTURER	MODEL	
ET1	BLADDER TYPE EXPANSION TANK	2	8	13	AMTROL	ST-5	1

REMARKS:
1. EQUIVALENT MANUFACTURERS: BELL & GOSSETT, WESSELS COMPANY.

PUMP SCHEDULE

SYM.	DESCRIPTION	TYPE	CAPACITY		ELECTRICAL DATA			SELECTION BASED ON		REMARKS	
			GPM	HEAD (FT)	HP	VOLTS	PH	HZ	MANUFACTURER		MODEL
RCP1	HW RECIRC PUMP	IN-LINE	4	17	1/12	115	1	60	BELL & GOSSETT	RS-1B	2

REMARKS:
1. EQUIVALENT MANUFACTURERS: GRUNDFOS, TACO
2. PUMP SHALL BE ALL BRONZE CONSTRUCTION.
3. PROVIDE AUTOMATIC PRIMER AND AQUASTAT EQUAL TO BELL & GOSSETT MODEL# TCS14 AND Q5314

MIXING VALVE SCHEDULE

SYM.	DESCRIPTION	MAXIMUM GPM	MINIMUM GPM	PRESSURE LOSS (PSI)	TEMP. (°F)	SELECTION BASED ON		REMARKS
						MANUFACTURER	MODEL	
MXV1	THERMOSTATIC MIXING VALVE	11	0.5	-	105	DELTA	R2570-MIXLF	1

REMARKS:
1. EQUIVALENT MANUFACTURERS: SIMMONS, LEONARD, LAHLER

PLUMBING FIXTURE AND EQUIPMENT SCHEDULE

SYM.	DESCRIPTION	CONNECTIONS (N.)				SPECIFICATION	REMARKS
		W	V	CW	HW		
E1	WATER CLOSET, HET ELONGATED BOWL WALL HUNG FLUSH VALVE, 1.28 GPF	4"	2"	1 1/4"	-	FIXTURE: TOTO C1708E MATERIAL: VITREOUS CHINA FLUSH VALVE: TOTO TM11LN-1.28 COLOR: WHITE SEAT: CHURCH 9500CT STOP: MCGUIRE 185-LK CARRIER: JAY R. SMITH 0230 SERIES	SEAT HEIGHT 15"-16" PROVIDE LEVER ON WIDE SIDE OF STALL.
P1A	WATER CLOSET, HET ADA COMPLIANT ELONGATED BOWL WALL HUNG FLUSH VALVE, 1.28 GPF	4"	2"	1 1/4"	-	FIXTURE: TOTO C1708E MATERIAL: VITREOUS CHINA FLUSH VALVE: TOTO TM11LN-1.28 COLOR: WHITE SEAT: CHURCH 9500CT STOP: MCGUIRE 185-LK CARRIER: JAY R. SMITH 0230 SERIES	SEAT HEIGHT 17"-19" AFG PROVIDE LEVER ON WIDE SIDE OF STALL.
P1B	WATER CLOSET, HET ADA COMPLIANT ELONGATED BOWL FLOOR MOUNTED FLUSH VALVE, 1.28 GPF	4"	2"	1 1/4"	-	FIXTURE: TOTO C1705ELN MATERIAL: VITREOUS CHINA FLUSH VALVE: TOTO TM11LN-1.28 COLOR: WHITE SEAT: CHURCH 9500CT STOP: MCGUIRE 185-LK	SEAT HEIGHT 17"-19" AFG PROVIDE LEVER ON WIDE SIDE OF STALL.
P2A	URINAL, HET ADA COMPLIANT WALL MOUNTED FLUSH VALVE, 0.5 GPF	2"	1 1/4"	3/4"	-	FIXTURE: TOTO UT447E FLUSH VALVE: TOTO TMU11LN-0.5 COLOR: WHITE MATERIAL: VITREOUS CHINA	FIXTURE CLIP HEIGHT 17" AFG
P3A	LAVATORY ADA COMPLIANT WALL HUNG FLOOR DRAIN 0.5 GPM FAUCET	2"	1 1/4"	1 1/4"	1/2"	FIXTURE: TOTO T1307-4-1/2 STRAINER: KHL115-15592 P-TRAP: MCGUIRE 8902 1 1/4" x 1 1/4" STOPS: MCGUIRE 185-LK MATERIAL: VITREOUS CHINA, WHITE	SEE NOTE 1 BELOW. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
P4A	HAND SINKS ADA COMPLIANT STAINLESS STEEL WALL HUNG	1 1/2"	1 1/2"	1 1/2"	1/2"	FIXTURE: EAGLE GROUP HSAN-10-F GRID DRAIN: EAGLE GROUP FAUCET: EAGLE GROUP FAUCET: MCGUIRE 8902 1 1/4" x 1 1/4" P-TRAP: MCGUIRE 175-LK	FIXTURE AND FAUCET FURNISHED BY OWNER INSTALLED BY CONTRACTOR SEE NOTE 1 BELOW.
P5B	DINING ROOM SINK DROP IN BOWL	2"	1 1/4"	1 1/4"	1/2"	FIXTURE: NATIVE TRAILS CPS239 DRAIN: NATIVE TRAILS DR150-ORB FAUCET: DELTA D792-RB-DST P-TRAP: MCGUIRE 8902 1 1/4" x 1 1/4" STOPS: MCGUIRE 175	SEE NOTE 1 BELOW. SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
P6	MOP SINK BASIN BUILT-IN ON SERVICE SINK FAUCET WITH INTEGRAL VACUUM BREAKER AND WALL BRACKET.	3"	2"	1 1/2"	1/2"	BASIN: BUILT ON SITE DRAIN: 3" EDI FAUCET: T&S BRASS B-0665-BSTP	MOUNT FAUCET AT 36" A.F.F.
P6A	HAND WASH BASIN BUILT-IN ON SITE SERVICE SINK FAUCET WITH INTEGRAL VACUUM BREAKER AND WALL BRACKET.	4"	2"	3/4"	3/4"	BASIN: BUILT ON SITE DRAIN: 4" EDI FAUCET: T&S BRASS B-0665-BSTP	MOUNT FAUCET AT 36" A.F.F.
P7	FLOOR DRAIN CAST IRON BODY ADJUSTABLE TOP	SEE DWG	-	-	-	DRAIN: ZURN Z-415S STRAINER: TYPE S 8" SQUARE P-TRAP: DEEP SEAL (MATCH DRAIN SIZE)	
ID1	TRENCH DRAIN CAST IRON BODY ADJUSTABLE TOP	SEE DWG	-	-	-	DRAIN: ZURN Z-84S STRAINER: TYPE S 12" WIDE P-TRAP: DEEP SEAL (MATCH DRAIN SIZE)	
HD1	HUB DRAIN CAST IRON BODY ADJUSTABLE TOP AND FUNNEL FITTING	SEE DWG	-	-	-	DRAIN: ZURN Z-415E STRAINER: TYPE B WITH FUNNEL P-TRAP: DEEP SEAL (MATCH DRAIN SIZE)	
ES1	FLOOR SINK 12" x 12" x 10" STAINLESS STEEL BODY AND GRATE	SEE DWG	-	-	-	DRAIN: ZURN Z-1902-VP5 STRAINER: FLAT BOTTOM, VANDAL PROOF P-TRAP: DEEP SEAL (MATCH DRAIN SIZE)	
HB1	HOSE BIBB, EXTERIOR, NON-FREEZE, AUTOMATIC DRAINING, ANTI-SIPHON VACUUM BREAKER	-	-	1/2"	-	EQUIPMENT: WOODFORD #65C FINISH: STANDARD - CHROME	MOUNT 24" AFG.
HB2	HOSE BIBB, INTERIOR, EXPOSED, AUTOMATIC DRAINING, ANTI-SIPHON VACUUM BREAKER	-	-	1/2"	-	EQUIPMENT: WOODFORD #24C FINISH: STANDARD - CHROME	MOUNT 24" AFF.
ECQ	FLOOR CLEANOUT CAST IRON BODY ADJUSTABLE TOP	SEE DWG	-	-	-	CLEANOUT: JAY R. SMITH 4020 SERIES OUTLET: NO-HUB PLUG: ABS, IRON OR BRONZE WITH GASKET SEAL COVER: ROUND, NICKEL BRONZE	
WCQ	WALL CLEANOUT CAST IRON CLEANOUT TEE COUNTERSINK PLUG STAINLESS STEEL ACCESS COVER	SEE DWG	-	-	-	CLEANOUT: JAY R. SMITH 4530Y SERIES OUTLET: NO-HUB, BOTH ENDS PLUG: IRON OR BRONZE PLUG WITH GASKET SEAL	
YCQ	YARD CLEANOUT ADJUSTABLE, CAST IRON BODY, COATED CAST IRON TOP	SEE DWG	-	-	-	CLEANOUT: JAY R. SMITH 4050 SERIES OUTLET: NO-HUB PLUG: ABS, GASKET SEAL COVER: CAST IRON, HEAVY DUTY	SET IN CONCRETE PAD 18"W x 18"L x 6" THICK
SA-	SHOCK ARRESTOR SIZES A THRU F SEE FLOOR PLAN FOR SIZE	-	-	SEE DWG	-	EQUIPMENT: SIOUX CHIEF 650 SERIES SEE SHOCK ARRESTOR TABLE THIS SHEET	PROVIDE ACCESS DOOR FOR CONCEALED INSTALLATIONS
WE1	WATER FILTER ASSEMBLY	-	-	3/4"	-	EQUIPMENT: WHIRLPOOL WHCF-DMHV	
BEF1	BACKFLOW PREVENTER, RPZ TYPE.	-	-	1 1/4"	-	EQUIPMENT: WATTS LF009-0T	
TP1	TRAP PRIMER, PROVIDE DISTRIBUTION UNIT WHEN SERVING MORE THAN ONE FLOOR DRAIN	-	-	1/2"	-	PRIMER: PPP PRODUCTS MODEL P-1 PROVIDE 1/2" COPPER PIPING SLOPED CONTINUOUSLY TO FLOOR DRAIN(S).	PROVIDE ACCESS DOOR FOR CONCEALED INSTALLATIONS

NOTES:
1. PROVIDE PRE-MANUFACTURED INSULATION KIT FOR EXPOSED TRIM UNDER SINK.

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8/04/17

COOK OUT
2546 Chimney Rock Road
Hendersonville, NC

NO.	DATE	DESCRIPTION

PLUMBING SCHEDULES

DATE: 08-04-11
DRAWN BY: IRG
CHECK BY: DAR
JOB NO.: 17-0001-000
SHEET:

P002

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