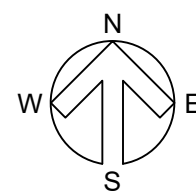


1
P1
1/4" = 1'-0"

PLUMBING/ELECTRICAL PLAN



GENERAL PLUMBING NOTES:

1. PIPING IS SHOWN IN SCHEMATIC FORM. ROUTE PIPING AS REQUIRED FOR CLEARANCE WITH STRUCTURAL CONDITIONS. COORDINATE WITH OTHER TRADES AS REQUIRED. PIPING SHALL BE INSTALLED WITH ADEQUATE SLOPE AS REQUIRED FOR EACH PARTICULAR SYSTEM.
2. COORDINATE ROUGH-IN AND FINAL LOCATIONS OF PIPING WITH LIGHTING, STRUCTURE, PIPING, ETC. PROVIDE OFFSETS AND/OR EASEMENTS AS REQUIRED TO AVOID CONFLICTS WITH WORK OF ALL OTHER TRADES.
3. ROUGH-IN AND CONNECT ALL PLUMBING REQUIRED TO EQUIPMENT FURNISHED BY OWNER. PROVIDE ALL REQUIRED VALVES, CONNECTIONS, ETC., REQUIRED TO CONNECT EQUIPMENT.
4. FURNISH AND INSTALL SHUTOFF VALVES IN ALL DOMESTIC WATER BRANCH PIPING OFF OF THE MAINS AND IN ALL OTHER BRANCH PIPING SERVING 4 OR MORE PLUMBING FIXTURES.
5. SANITARY WASTE PIPING SHALL BE SCH 40 PVC AND SLOPED AT 1/4" PER FOOT, MINIMUM, FOR PIPE SIZES 3"Ø AND SMALLER, 1/8" PER FOOT, MINIMUM, FOR PIPE SIZES 4"Ø AND LARGER UNLESS OTHERWISE NOTED.
6. ABOVE GROUND HW AND CW PIPING SHALL BE COPPER ASTM B88. INSULATE ALL DOMESTIC WATER LINES (CW, HW, HWC) WITH MINIMUM 1" INSULATION.
7. INSULATE ALL HORIZONTAL SECTIONS OF OVERFLOW DRAIN LINES WITH MINIMUM 1" INSULATION.
8. PERFORM ALL WORK IN ACCORDANCE WITH IPC 2018, NEC 2017, LOCAL CODES, AND ASHRAE 90.1 REQUIREMENTS.

NEW WORK PLAN NOTES

1. INSTALL EWH BELOW SINK. INSTALL PER DETAIL SHEET P3. PROVIDE 240V/1PH OUTLET, 2x8 AWG C, 8AWG N, 10 AWG GROUND, 80 (2x40) AMP CB 37/39 PP1.
2. INSTALL NEW 3 COMPARTMENT SINK.
3. INSTALL NEW HAND SINK.
4. INSTALL NEW GREASE INTERCEPTOR BELOW SINK.
5. INSTALL NEW ELECTRIC OUTLET FOR RANGE. 240V/1PH REUSING WIRE AND CONDUIT FROM #2/4 PP 1.



Owner:
EAA CHAPTER 91
2750 NE Douglas St.
Lee's Summit, MO 64064

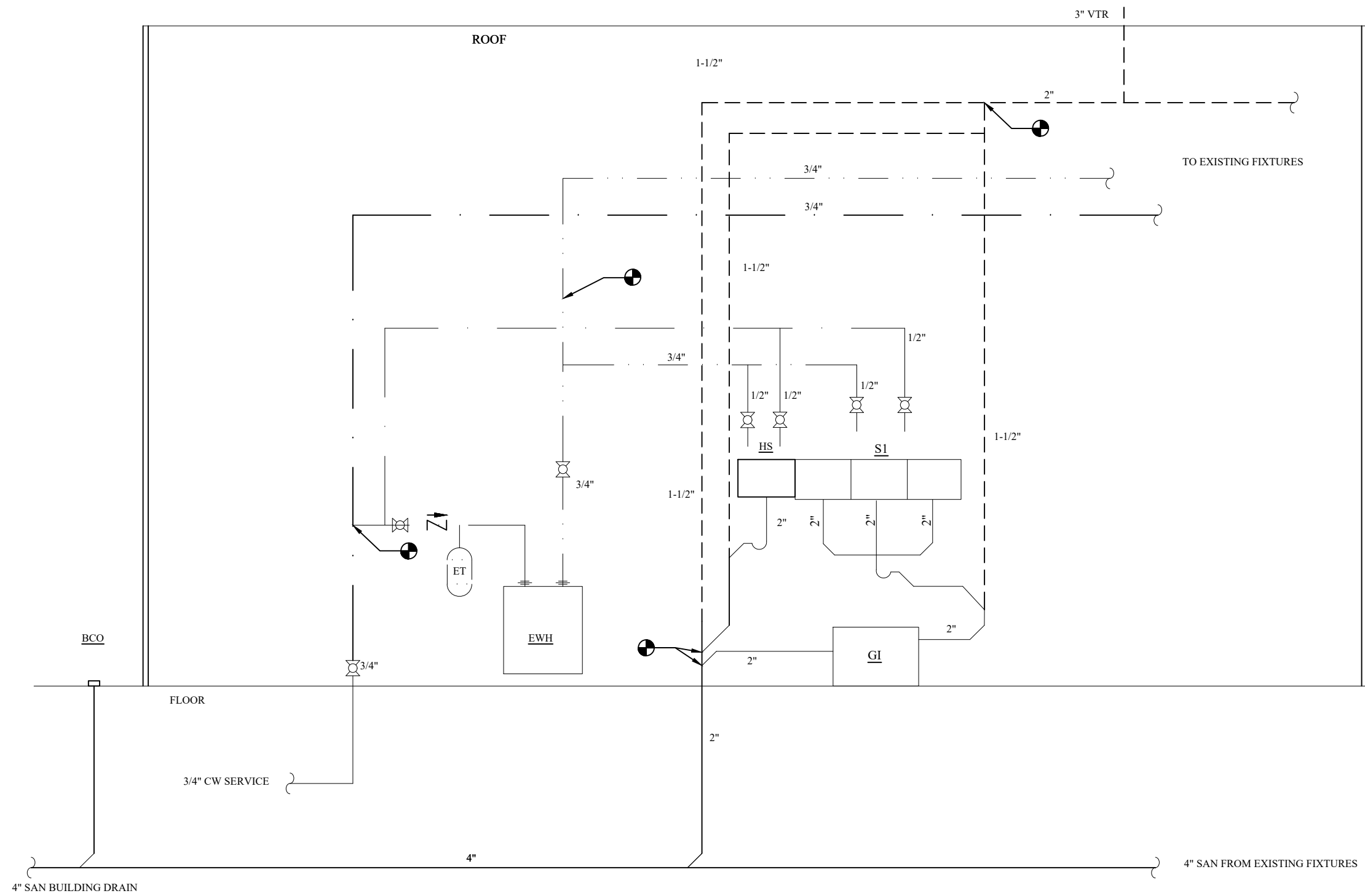
Kitchen Renovations
Eagle Hanger

CROSSED SWORDS ENGINEERING
1619 NE OAK TREE DR
LEE'S SUMMIT, MO. 64086
(816)-309-0099 ROBERT7721@AOL.COM



DATE
JAN 7,
2022

SHEET
P1



- PLUMBING LEGEND**
- S — SANITARY DRAIN LINE.
 - PLUMBING VENT. V=VENT, VTR=VENT THRU ROOF, AV=ACID VENT.
 - - - DOMESTIC COLD WATER-CW.
 - - - DOMESTIC HOT WATER-HW. (120° UNLESS NOTED OTHERWISE).
 - ⊕ CONNECTION POINT EXISTING TO NEW
 - BCO BUILDING CLEAN OUT

1
P2 **PLUMBING RISER**
NOT TO SCALE



Owner:
EAA CHAPTER 91
2750 NE Douglas St.
Lee's Summit, MO 64064

Kitchen Renovations
Eagle Hanger

CROSSED SWORDS ENGINEERING
1619 NE OAK TREE DR
LEE'S SUMMIT, MO. 64086
(816)-309-0099 ROBERT7721@AOL.COM

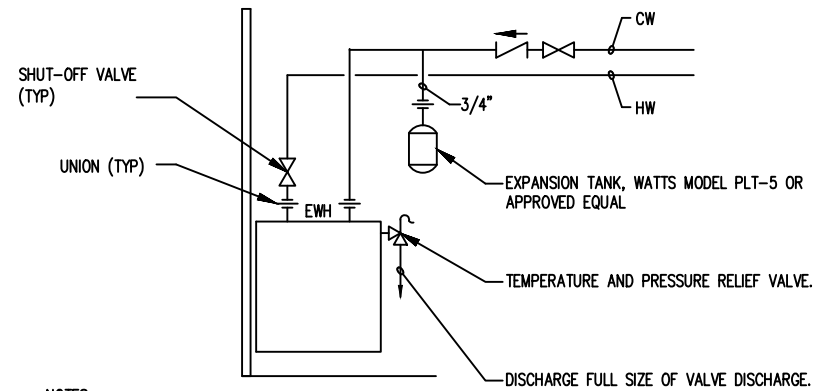


DATE
JAN 7,
2022

SHEET
P2

PLUMBING FIXTURE SPECIFICATIONS AND CONNECTION SCHEDULE

MARK	FIXTURE	TYPE	MANUFACTURER	MODEL NO.	MATERIAL	STYLE	FAUCET/VALVE				DRAIN		SUPPLIES AND STOPS	PIPE SIZES				MOUNTING	REMARKS
							MANUFACT. MODEL NO.	SPOUT	HANDLES	CENTERS	TYPE	SIZE		WASTE	VENT	CW	HW		
S1	KITCHEN SINK	FLOOR MOUNTED	BKS	BKS-3-20-12-18T	STAINLESS STEEL	3 COMPARTMENT 2 DRAIN BOARD	STANDARD	14"	LEVER HANDLES	8"	GRID	2"	YES	2"	1/2"	1/2"	1/2"	FLOOR	PROVIDE WITH GOOSE NECK FAUCET ASSEMBLY.
HS	HAND SINK	WALL MOUNTED	IRONGUARD	16X10	STAINLESS STEEL	1 COMPARTMENT	STANDARD	8"	LEVER HANDLES	4"	GRID	2"	YES	2"	1/2"	1/2"	1/2"	WALL	PROVIDE WITH GOOSE NECK FAUCET ASSEMBLY.
EWH	ELECTRIC WATER HEATER	WALL MOUNTED	RHEEM	RTEX-18	STAINLESS STEEL	TANKLESS	-	-	-	-	-	-	-	-	-	3/4"	3/4"	WALL	ELEC 240, 1 PH 18KW
GI	GREASE INTERCEPTOR	ABOVE FLOOR	BK RESOURCES	BK-GT-8-2"	STEEL	-	-	-	-	-	-	2"	-	2"	-	-	-	FLOOR	SIZE 4 GPM, CAPACITY 8 LBS
LAV	LABORATORY	SURFACE MOUNTED	EXISTING				STANDARD	8"	LEVER HANDLES	4"	GRID	2"	-	2"	1/2"	1/2"	1/2"	SURFACE	
SS	SERVICE SINK	FLOOR MOUNTED	EXISTING				STANDARD	8"	LEVER HANDLES	4"	GRID	2"	-	2"	1/2"	1/2"	1/2"	FLOOR	
WC	WATER CLOSET	FLOOR MOUNTED	EXISTING									4"	-	4"	2"	1/2"		FLOOR	



NOTES:
 1. WALL MOUNT AND INSTALL WATER HEATER PER MANUFACTURER REQUIREMENTS BELOW 3 COMPARTMENT SINK.

SINGLE WATER HEATER PIPING SCHEMATIC

NOT TO SCALE

1
P3 **PLUMBING SCHEDULE AND DETAILS**
 NOT TO SCALE



Owner:
 EAA CHAPTER 91
 2750 NE Douglas St.
 Lee's Summit, MO 64064

Kitchen Renovations
Eagle Hanger

CROSSED SWORDS ENGINEERING
 1619 NE OAK TREE DR
 LEE'S SUMMIT, MO. 64086
 (816)-309-0099 ROBERT7721@AOL.COM



DATE
 JAN 7,
 2022

SHEET
P3