## PIPING AND FITTINGS SCHEDULE

| SYSTEM | PIPING | FITTINGS | REMARKS |
|---|---|---|---|
| DOMESTIC WATER | TYPE L HARD DRAWN COPPER TUBING; PEX PIPING/TUBING | COPPER – CAST BRONZE OR COPPER SWEAT FITTINGS JOINED WITH TIN/ANTIMONY LEAD–FREE SOLDER; COPPER CRIMPING AND COMPRESSION FITTINGS FOR PEX. | – |
| SANITARY, WASTE, AND VENT | SERVICE WEIGHT HUBLESS CAST IRON; PVC (SCHED. 40) PIPING | SERVICE WEIGHT HUBLESS CAST IRON JOINED W/APPROVED STAINLESS MECHANICAL COUPLINGS W/NEOPRENE RESILIENT GASKETS; PVC (SCHED. 40) FITTINGS | NO–HUB COUPLINGS SHALL BE 4–BAND EQUAL TO HUSKY SD–4000 |
| CONDENSATE PIPING (NOT LESS THAN 3/4") | SCHEDULE 40 PVC PIPING | SCHEDULE 40 PVC FITTINGS | CONDENSATE SERVING FUEL–FIRED APPLIANCES SHALL BE AN APPROVED CORROSION RESISTANT MATERIAL AND NOT BE SMALLER THAN DRAIN CONNECTION ON UNIT. |
| GAS PIPING (2" AND SMALLER) | SCHEDULE 40 STEEL | SCREWED SCHEDULE 40 BLACK STEEL | CORRUGATED STAINLESS STEEL TUBING SHALL BE APPROVED FOR SIZED UP TO 2" |
| GAS PIPING (2 1/2" AND L;ARGER) | SCHEDULE 40 STEEL | WELDED SCHEDULE 40 BLACK STEEL | – |

## PIPE INSULATION SCHEDULE

| SYSTEM | PRODUCT MANUFACTURER | INSULATION THICKNESS | REMARKS |
|---|---|---|---|
| DOMESTIC HOT WATER AND HOT WATER RECIRCULATION PIPING, FITTINGS AND VAVLES (105°F – 140°F) | JOHN MANVILLE MICRO–LOK HP OR APPROVED EQUAL. PROVIDE PVC COVERS ON ALL EXPOSED PIPING | LESS THAN 1–1/4" – 1"<br>1–1/2" TO 4" – 1–1/2" | ALTERNATE PRODUCTS SHALL HAVE A CONDUCTIVITY OF 0.21–0.28 BTU–IN/(H–FT2–°F). PROVIDE ALL EXPOSED PIPING WITH PVC PIPE COVERS |
| DOMESTIC COLD WATER PIPING, FITTINGS, AND VALVES (40°F – 60°F) | JOHN MANVILLE MICRO–LOK HP OR APPROVED EQUAL. PROVIDE PVC COVERS ON ALL EXPOSED PIPING | LESS THAN 1–1/4" – 1/2"<br>1–1/2" TO 4" – 1" | ALTERNATE PRODUCTS SHALL HAVE A CONDUCTIVITY OF 0.21–0.27 BTU–IN/(H–FT2–°F). PROVIDE ALL EXPOSED PIPING WITH PVC PIPE COVERS. |
| EXPOSED SANITARY, HOT WATER, AND COLD WATER PIPING BELOW LAVATORYS AND SINKS | TRUEBRO – LAV GUARD2 | RESILIENT MOLDED VINYL | ALTERNATE PRODUCTS SHALL BE SHALL COMPLY WITH ASME A112.8.9–2001 AND ADA ARTICLE 4.19.4 |

## LP FIRED HOT WATER HEATER SCHEDULE

| UNIT # | LOCATION | GALLONS | RECOVERY RATE GPH (90° RISE) | GAS INPUT TYPE | THERMAL EFFICIENCY | ELECTRICAL VOLTS | ELECTRICAL PHASE | ELECTRICAL AMPS | MANUFACTURER MODEL | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| HWH–1 | EXIST. MECH. ROOM | 119 | 388 | 300 MBH LIQUID PROPANE | 96% | 120 | 1 | 2 | AO SMITH BTH–300 Mxi | PROVIDE UNIT WITH CONCENTRIC VENT KIT FOR DIRECT VENTING |

NOTES:

1. PROVIDE AMTROL IN LINE EXPANSION TANK SIZED PER MANUFACTURERS RECOMMENDATIONS.
2. PROVIDE DIRECT VENTING IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS. REFER TO MECHANICAL DRAWINGS FOR VENTING.
3. DISCHARGE T&P RELIEF VALVE INDIRECTLY TO FLOOR IN EXISTING MECHANICAL AREA.

## PUMP SCHEDULE

| PUMP TAG | SERVICE LOCATION | FLUID | PUMP TYPE | GPM | HEAD FEET | BHP | MOTOR DATA HP | MOTOR DATA VOLTS | MOTOR DATA PHASE | MOTOR DATA RPM | MANUFACTURER MODEL | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P–1 | 120° HW RECIRC EXIST. MECH. | WATER | INLINE | 2 | 8 | – | 1/40 | 120 | 1 | 3250 | TACO 006 BC4 | CONTROLLED BY AQUASTAT ON HOT RECIRC PIPE |
| P–2 | 140° HW RECIRC EXIST. MECH. | WATER | INLINE | 2 | 8 | – | 1/40 | 120 | 1 | 3250 | TACO 006 BC4 | CONTROLLED BY AQUASTAT ON HOT RECIRC PIPE |

## DRAIN SCHEDULE

| UNIT TAG | DRAIN TYPE | MATERIAL | VARIATIONS | SIZE | TRAP | CONNECTION TYPE | VENT SIZE | STRAINER | MANUFACTURER MODEL | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| FD–1 | FLOOR | CAST IRON | MEDIUM DUTY | 8 1/2" | 3" | NO HUB | 2" | MEDIUM DUTY | JAY R SMITH 2010C | NOTE 1 |
| FS–1 | FLOOR SINK | STAINLESS STEEL | MEDIUM DUTY | 12"x12" | – | NO HUB | 2" | DOME | JAY R SMITH 9694 (10") | COORDINATE GRATE MODEL WITH OWNER |
| AD–1 | AREA DRAIN | STAINLESS STEEL | HEAVY DUTY | 12"x12" | – | NO HUB | – | COORD. STRAINER | MIFAB F1440 | COORDINATE FINISHES WITH ARCHITECT |
| TD–1 | TRENCH DRAIN | STAINLESS STEEL | MEDIUM DUTY | 8"x39.7" | – | NO HUB | – | COORD. WITH ARCHITECTURAL | MIFAB T200–PGA–3–SM | COORDINATE QTY. OF GRATES PRIOR TO PURCHASE, NOTE 2 |

NOTES:

1. PROVIDE WITH SUFFIX "–F37–F38" FOR USE AS FUNNEL FOR DRAINAGE IN NON–TRAFFIC AREAS WHERE SPECIFIED BY KITCHEN CONSULTANT.
2. TRENCH DRAIN GRATE SHALL REPLACE EXISTING GRATE SYSTEM SERVING EXISTING TRENCH. COORDINATE INSTALLATION OF NEW GRATE WITH EXISTING TRENCH SYSTEM PRIOR TO PURCHASE AND INSTALLATION. TRENCH IS SPECIFIED AS CLASS A AND ADA COMPLIANT.

## GREASE INTERCEPTOR SCHEDULE

| EQUIPMENT TAG | MANUFACTURER MODEL | ELECTRICAL DATA VOLTS | ELECTRICAL DATA PHASE | ELECTRICAL DATA WATTS | ELECTRICAL DATA AMPS | GPM | GREASE CAPACITY | REMARKS |
|---|---|---|---|---|---|---|---|---|
| GT–1 | ZURN Z1170 (700) | – | – | – | – | 35 | 70 LBS | FLOOR MOUNTED. INSTALLED BELOW RELOCATED SINK, REPLACING EXISTING UNIT. PROVIDED WITH 3" INLET/OUTLET CONNECTIONS. (OR APPROVED EQUAL) |

NOTES:

1. UNIT SHALL REPLACE EXISTING GREASE INTERCEPTOR SERVING SINK NEAR DISHWASHING AREA. UNIT TO BE USED AS PRETREATMENT PRIOR TO DISCHARGE BEING ROUTED TO FOG MAIN IN CEILING OF FLOOR BELOW. COORDINATE EXACT LOCATION, MAKE/MODEL WITH UNIT PRIOR TO PURCHASE AND INSTALLATION.


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OLD OAKS COUNTRY CLUB

PROJECT ADRESS

PLUMBING SCHEDULES

SEAL & SIGNATURE

| | |
|---|---|
| DATE: | 08-13-21 |
| PROJECT NO.: | 21-826 |
| DRAWN BY: | AG |
| CHECKED BY: | TL |
| DRAWING NO: | P300.00 |
| CAD FILE NO: | J:\Proj2016\694 BASIS |