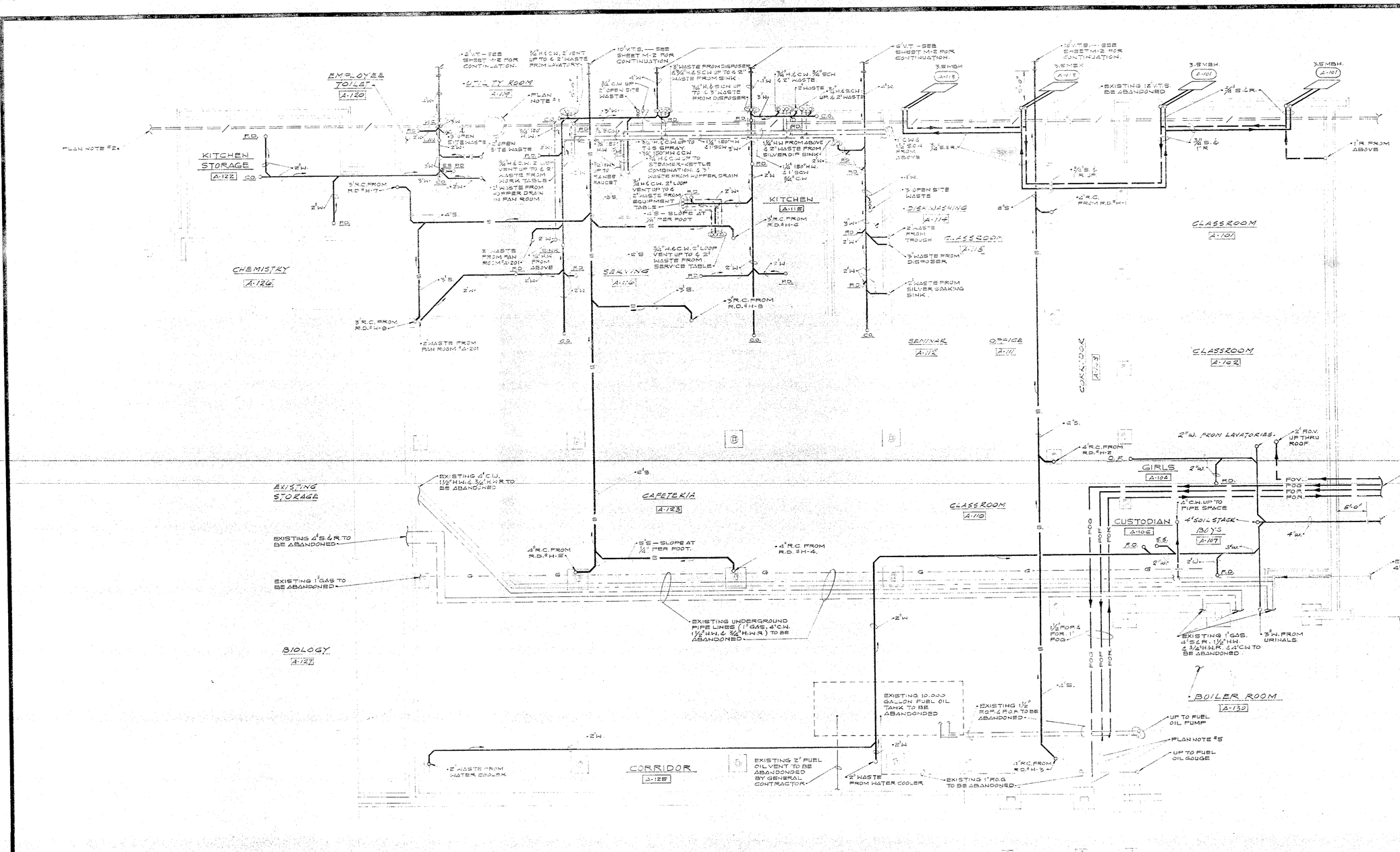



UNIT "A" HEATING, VENTILATING & PLUMBING FOUNDATION PLAN
SCALE 1/8" = 1'-0"

## PLUMBING EQUIPMENT SCHEDULE — ROOM A-201

1. THERMOSTATIC CONTROLLER.
   SYMMONS, TEMPTROL MODEL # E-400 OR AN APPROVED
2. DOMESTIC HOT WATER HEATER.
   BOOK MODEL #1520 OR AN APPROVED EQUAL, 410 GPH. RECOVERY AT 100°F TEMPERATURE RISE; STORAGE CAPACITY 100 GALLONS; GAS FIRED WITH GAS INPUT OF 200,000 BTU; THE HEATER SHALL BE A.S.M.E. CONSTRUCTED, 150 PSI. WORKING PRESSURE; FURNISHED DRAFT DIVERTER, THERMOSTATIC CONTROLS AND SAFETY SHUT-OFF; PROVIDE POWER GAS BURNER WITH GAS INPUT OF 200,000 NATURAL GAS; SEE SPECIFICATION.
3. DOMESTIC HOT WATER CIRCULATING PUMP.
   BELL & GOSSETT SERIES 60 SIZE 1/2 A.S., OR AN APPROVED EQUAL; 60 GPM AT 10 FT OF HEAD, PUMP MOTOR, 1/6 H.P., 3.0 AMP., 1 PHASE, 60 CYCLE. PROVIDE AQUASTAT IN STORAGE TANK TO CONTROL OPERATION OF THE PUMP.
4. DOMESTIC HOT WATER RE-CIRCULATING PUMP.
   BELL & GOSSETT SERIES 60 SIZE 1/2 A.S., OR AN APPROVED EQUAL; 10 GPM AT 10 FT. OF HEAD, PUMP MOTOR, 1/6 H.P., 1.0 V., 10, 60 CYCLE. PUMP SHALL START AND STOP ON A 10°F VARIATION IN WATER TEMPERATURE IN RETURN MAIN.
5. DOMESTIC HOT WATER STORAGE TANK.
   HORIZONTAL 42" I.D. DIAMETER X 6'-0" (STRAIGHT SHELL) A.S.M.E. CONSTRUCTION FOR 150 PSIG WORKING PRESSURE; 432 GALLONS MINIMUM ACTUAL CAPACITY. PROVIDE 3/4" DIAMETER THREADED U-BOLT HANGERS, SUSPENSION ANGLES, ETC. AS REQUIRED TO SUSPEND FROM THE ROOF JOISTS.

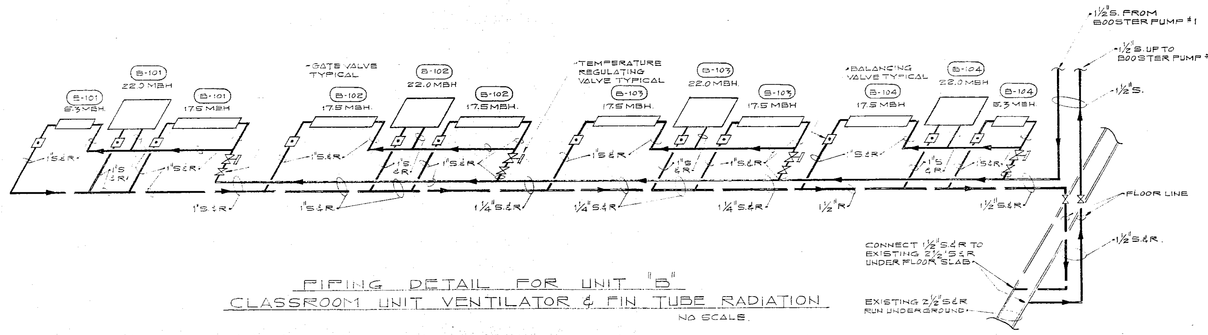
## PLAN NOTES

1. EXISTING CATCH BASIN SHALL BE ABANDONED BY GENERAL CONTRACTOR.
2. DISCONNECT AND ABANDON EXISTING VITRIFIED TILE STORM SEWER BY GENERAL CONTRACTOR. SEE SHEET M-2 FOR LOCATION OF DISCONNECTION.
3. DISCONNECT AND ABANDON EXISTING VITRIFIED TILE STORM SEWER, AND REPLACE WITH CAST IRON PIPE. SIZE AS SHOWN ON THE DRAWING.
4. EXISTING CATCH BASIN SHALL BE ABANDONED BY GENERAL CONTRACTOR. RELOCATE THE CATCH BASIN AS SHOWN ON THE DRAWING.
5. CONNECT NEW 1 1/2" FOR FOR 1" FOG TO EXISTING FUEL OIL LINE AS SHOWN ON THE DRAWING.

## UTILITY EXHAUST FAN SCHEDULE

| NO | AREA EXHAUST | TRANS MOUN. NUMBER | SHUTTER SIZE | CFM | S.P. | RPM | HP | OUTLET VELOCITY FPM | ELECTRICAL CONTROL | POWER CIRCUIT | SEE NOTE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H-1 | KITCHEN RANGE HOOD | 22MS | 21"x18"S | 4170 | 3/4" | 893 | 1 | 1800 | MANUAL | E-10 | 1,2,3,4,5 |

NOTES:
1. MOTOR DATA: 208 VOLT, 3 PHASE, 60 CYCLE.
2. FAN SHALL HAVE A DISCHARGE SHUTTER
3. FAN SHALL HAVE VIBRATION ISOLATORS AS RECOMENDED BY THE FAN MANUFACTURER AND AS APPROVED BY THE ARCHITECT.
4. FAN SHALL BE COMPLETE WITH BELT GUARD.
5. FAN SHALL BE TWO SPEED.


B-101 22.0 MBH
B-102 17.8 MBH
B-103 22.0 MBH
B-104 17.8 MBH
B-105 22.0 MBH
B-106 17.8 MBH
B-107 17.8 MBH
B-108 17.8 MBH
B-109 22.0 MBH
B-110 17.8 MBH
B-111 17.8 MBH
B-112 22.0 MBH
B-113 17.8 MBH
B-114 8.3 MBH
1 1/2" S.R.
1 1/2" S.R.
1 1/2" S.R.