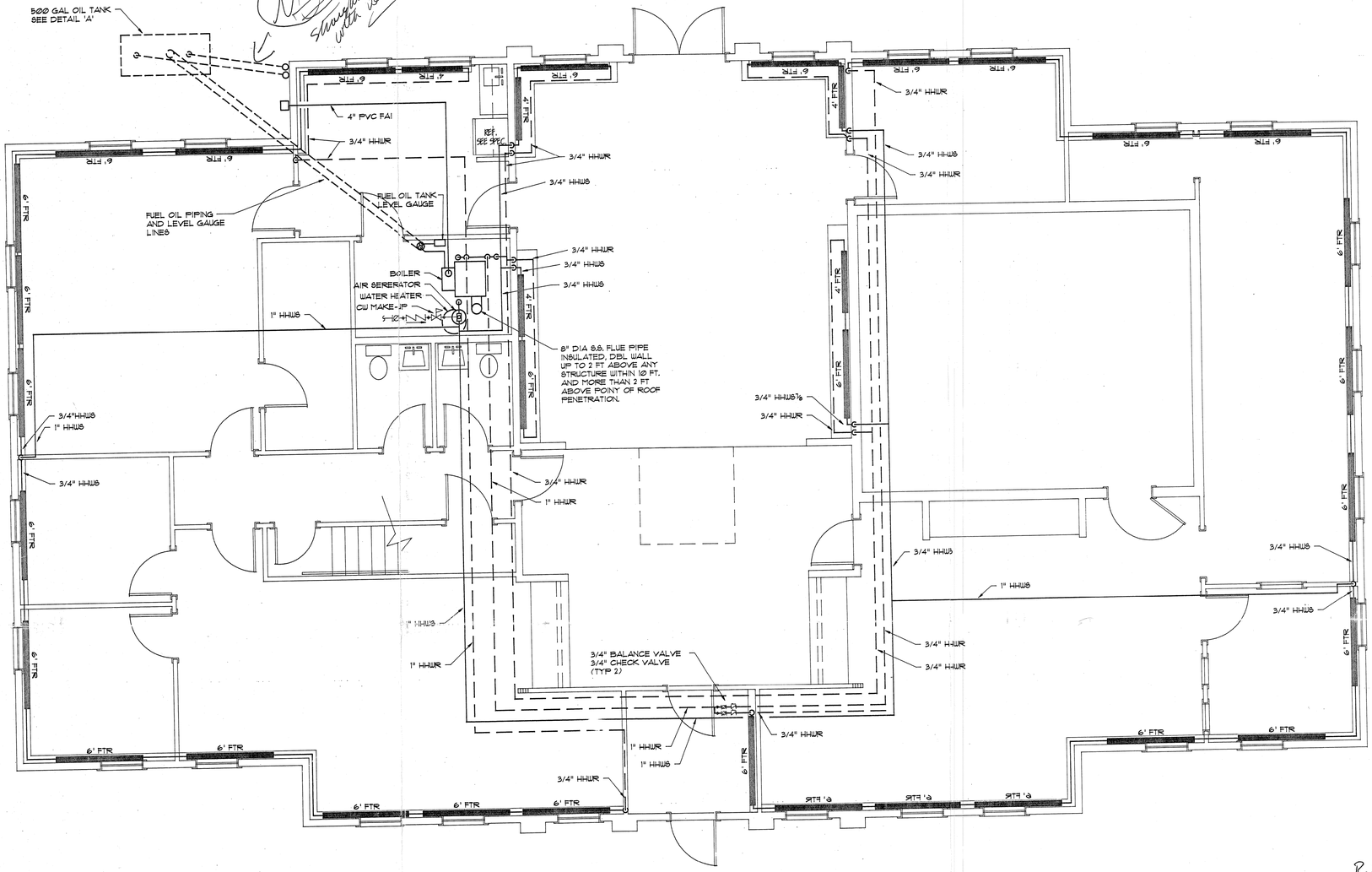
Discussed all corrections with Larry Tiffany 4/1/94 10:00 AM

NO!! Straight vent with Ventolaire



HYDRONIC SYSTEM PLAN

NOTES

HEATING EQUIPMENT

BOILER SYSTEM

170 MBH TO 206 MBH GROSS OUTPUT
OIL FIRED 1.40 TO 1.75 GPH 84% TO 87% EFF.
PACKEGED WITH THE FOLLOWING:
PRIMARY CIRCULATOR, AIR PURGE SYSTEM,
IGNITION RELAY, BECKETT 3450 AFG BURNER, — Carlin!
SOLID STATE CONTROL, DELAYED OIL VALVE,
LIMIT AQUASTAT, OPERATING AQUASTAT, T&P GAUGE,
ASME RELIEF VALVE. 110 VOLT
ENERGY KINETICS NO.EK-2 ~~OR EQUAL~~ ← ASME?

BASEBOARD RADIATION

680 BTU PER LINEAL FT @ 170 DEGREE F
AVERAGE WATER TEMPERATURE, WITH 10" COVER,
3/4" COPPER TUBE, ~~2-3/4"x 2-1/2" FINS~~
55 FINS PER FT, STERLING SENIOR OR EQUAL

← EXPANSION JOINTS? NO IF Anti Freeze

Let me see this VS comm'l grade

METHODS AND MATERIALS

HEATING HOT WATER (HWS & HWR)

PIPE:
TYPE M COPPER

FITTINGS:
WROUGHT COPPER - 95/5 SOLDER

VALVES:
SHUT-OFF BALL VALVE (EXCEPT AS NOTED)
BALANCE: TOUR & ANDERSON

INSULATION:
1/2" THK. PIPE INSULATION
1.) APPLICATION:
ALL NEW PIPING NOT ENCLOSED IN RADIATION COVERS.

HVAC CONDENSATE:

PIPE:
SCHEDULE 40 PVC

FITTINGS:
SCHEDULE 40 PVC - SOLVEVT WELD

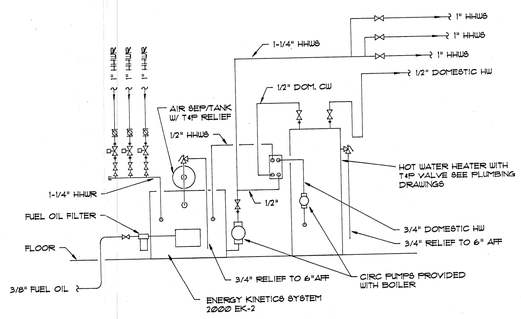
FUEL OIL PIPING

PIPE:
TYPE K SOFT COPPER

FITTINGS:
BRASS COMPRESSION FITTINGS — FLARE ONLY

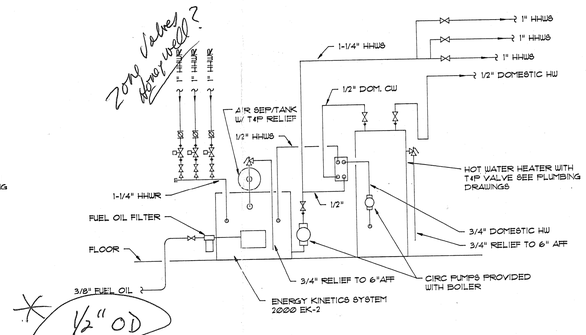
FOR REVIEW ONLY

Boiler should be on Blocks



FUEL OIL TANK DIAGRAM

Zone Valves Honeywell?



* 1/2" OD

BOILER CONNECTION DIAGRAM

New England Air Systems
HEATING • VENTILATING • AIR CONDITIONING • REFRIGERATION
864-3800
9 Krupp Drive • P.O. Box 525 • Williston, VT 05495

NO.	REVISIONS	DATE

APPROVAL SIGNATURE & DATE

DR. BY: L. TIFFANY 3-28-94
CHECKED BY:
OPERATIONS:
PROJECT NO:
CLIENT
OWNER
SCALE: 1/4" = 1'-0"
CAD FILE NAME:

HYDRONICS SYSTEM

HEATING

Charlotte Town Hall
Charlotte, Vermont

HOME TWO, INC.
HTI

SHEET NUMBER
H1