

FURNACE SCHEDULE

UNIT #	DESCRIPTION	MANUF & MODEL #	AREA SERVED	TOTAL SUPPLY CFM	MINIMUM FRESH AIR CFM	COOLING COIL SECTION					HEATING SECTION				ECONOMIZER	FILTER SECTION	SEISMIC VIBR ISOLATORS	FAN SECTION			MISC	COOLING POWER INPUT						
						CAPACITY	TYPE	EAT DB/WB	LAT DB/WB	APD	GAS INPUT	GAS OUTPUT	AFUE (%)	EAT/LAT				HP	VOLTS	SP"		COND UNIT MFR & MODEL	CAP	KW	MCA	MAX C/B	EFF.	VOLTS
F-1	HORIZONTAL OIL FIRED FURNACE WITH ADD ON DX COOLING COIL	YORK #P1DHX16F12001 FURNACE #H2H048 DX COIL #H2RED48S08 COND UNIT	NEW ADDITION	1,450	300	4 TONS	DX	77.6/65.1	55.0/54.0	0.6" WET	140 MBH	120 MBH	80.1%	57.6/95.0	NO	2" THICK, 40 % EFF. INDUSTRIAL PLEATED	YES	1/2	120 VOLT 1 PHASE 60 Hz	3/4"	REFR. PIPING SHALL BE SIZED BY INSTALLER PER MFR SPECS.	YORK H2RED48S08	4 TONS	3.9	20.6	35 A	14 SEER	240 VOLT 1 PHASE 60 Hz

1. ALL UNITS SHALL BE COMPLIANT WITH ASHRAE 90.1 AND ICC ENERGY CONSERVATION CODE

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EXHAUST FAN SCHEDULE

FAN #	DESCRIPTION	MANUFACTURER & MODEL #	CFM	SP"	MOTOR WATTS OR HP	VOLTS	PHASE	SONES	COOK FSC SPEED CONTROL	ACCESSORIES & NOTES
EF-1	WALL RECESSED EXHAUST FAN	COOK GC-142	75	1/4"	59 W	120 VAC		1.9	YES	PROVIDE WITH WALL SWITCH & ROOF CAP EQUAL TO COOK RJ200
EF-2	WALL RECESSED EXHAUST FAN	COOK GC-142	75	1/4"	59 W	120 VAC		1.9	YES	PROVIDE WITH WALL SWITCH & ROOF CAP EQUAL TO COOK RJ200
EF-3	CEILING EXHAUST FAN	COOK GC-420	150	3/8"	170 W	120 VAC		4.1	YES	PROVIDE WITH COOLING TSTAT & ROOF CAP EQUAL TO COOK RJ200

CABINET HEATER SCHEDULE

UNIT #	DESCRIPTION	MANUF MODEL #	CFM	HEATING CAPACITY	ESP"	MOTOR WATTS	VOLTS	GPM @ 180 EWT	FAN SPEED	MISC
CH-1	WALL SURFACE MOUNTED CABINET HEATER	VRV KSWK-85	75	8.0 MBH	0"	1/20 HP	120 VAC	1.0	LOW	PROVIDE WITH SURFACE MOUNTING ENCLOSURE KIT, CONTROL VALVE & TSTAT.

DIFFUSER AND REGISTER SCHEDULE

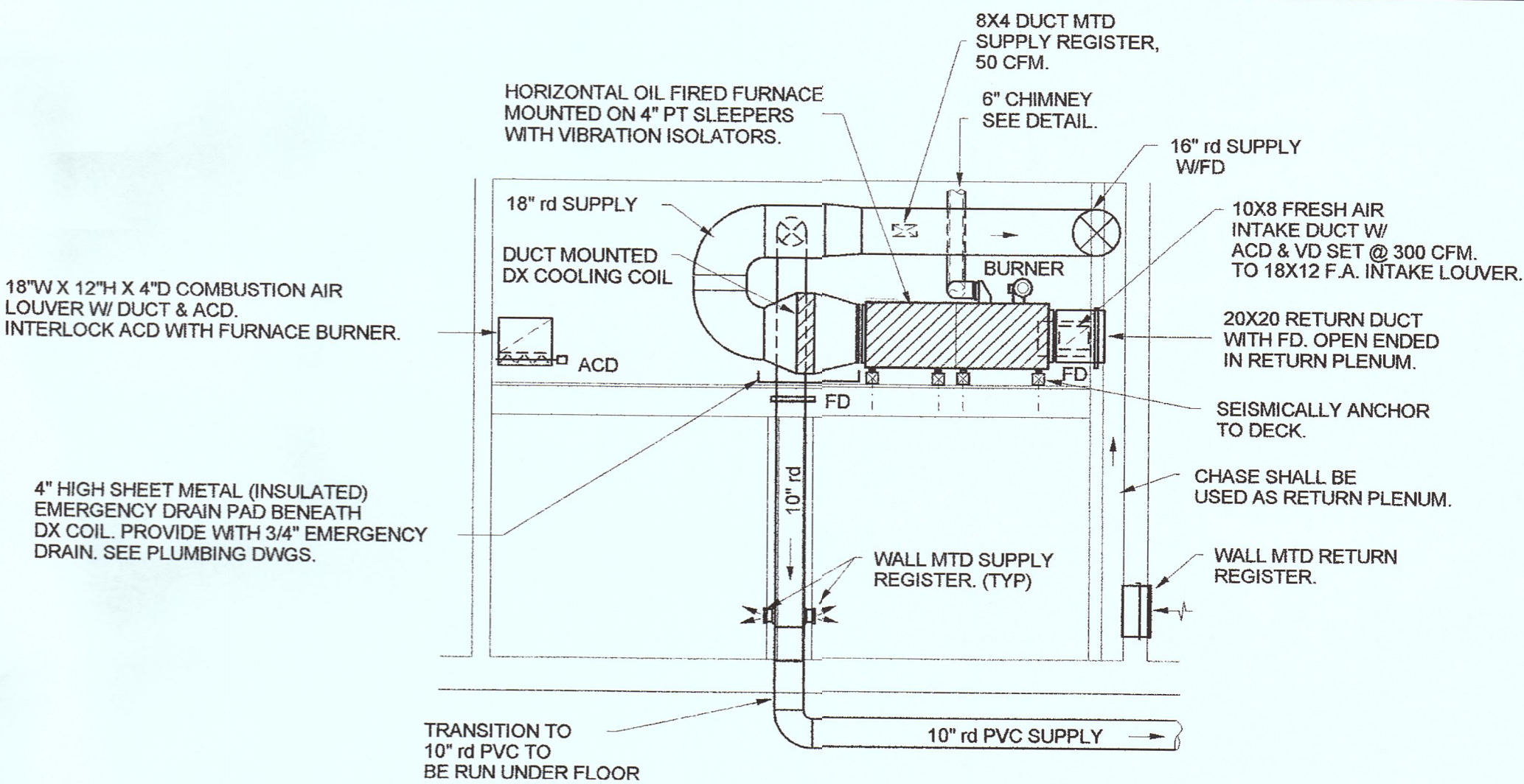
SYMBOL	DESCRIPTION	SIZE	O.B. DAMPER	ARRANGEMENT/MISC
A	WALL MTD SUP REG	8X4	YES	DOUBLE DEFLECTION
B	DUCT MTD SUP REG	10X6	YES	DOUBLE DEFLECTION
C	DUCT MTD SUP REG	8X4	YES	DOUBLE DEFLECTION
D	FLOOR MTD SUP REG	12X4	YES	DOUBLE DEFLECTION
E	WALL MTD RET REG	36X18	YES	PROVIDE W/ BALANCING DAMPER

RADIATOR & CONVECTOR SCHEDULE

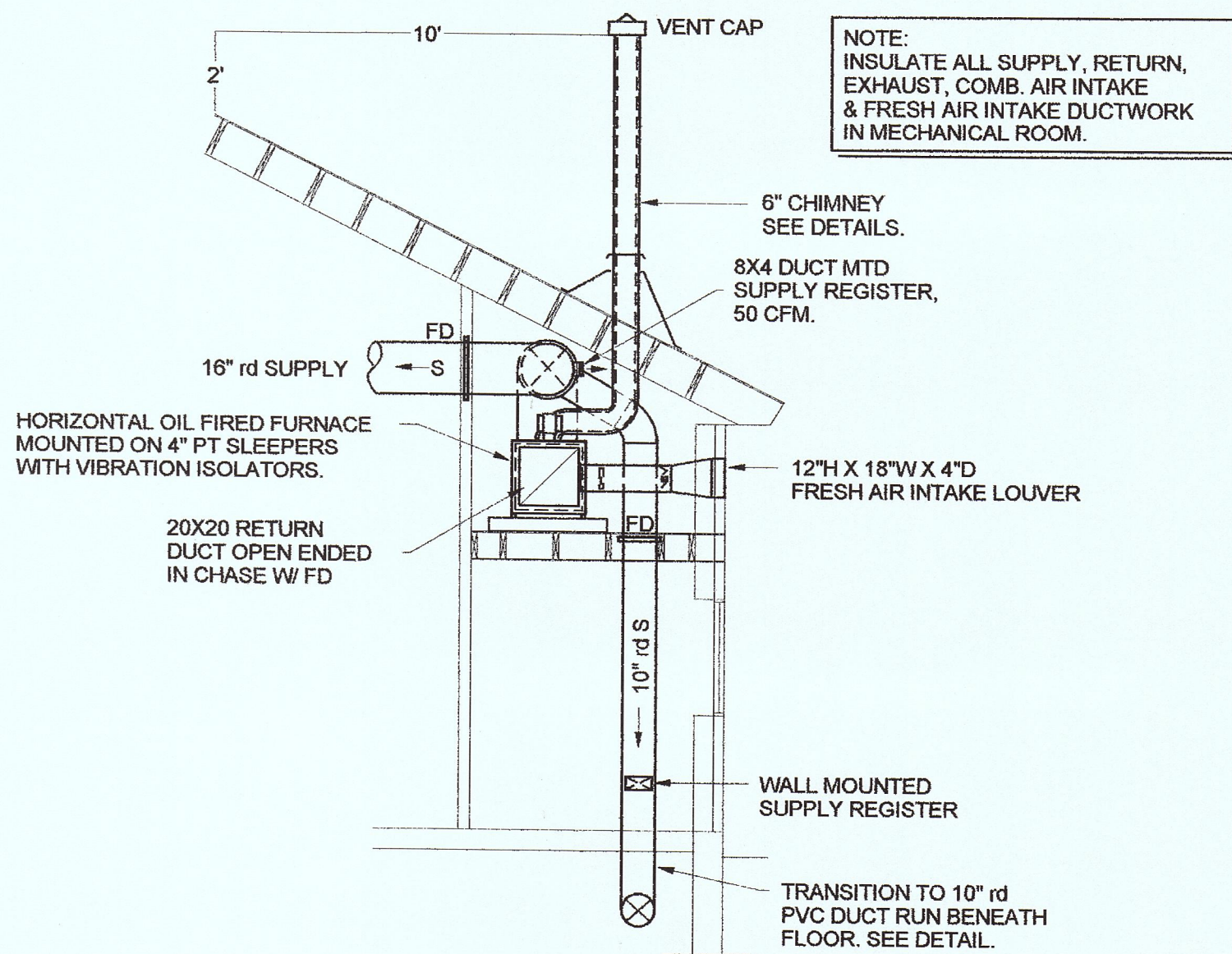
TYPE	DESCRIPTION	HEATING CAPACITY MBH	ELEMENT	GPM @ 170 DEG AVERAGE	ENCLOSURE SIZE	MISC.
RAD-A	RITTLING ECONOLINE	790 BTU/LF	3/4C-2.75X4-40	1.0	AS NOTED ON FLOOR PLAN	PROVIDE CONTROL VALVE & REMOTE TSTAT

OIL TRANSFER PUMP SCHEDULE

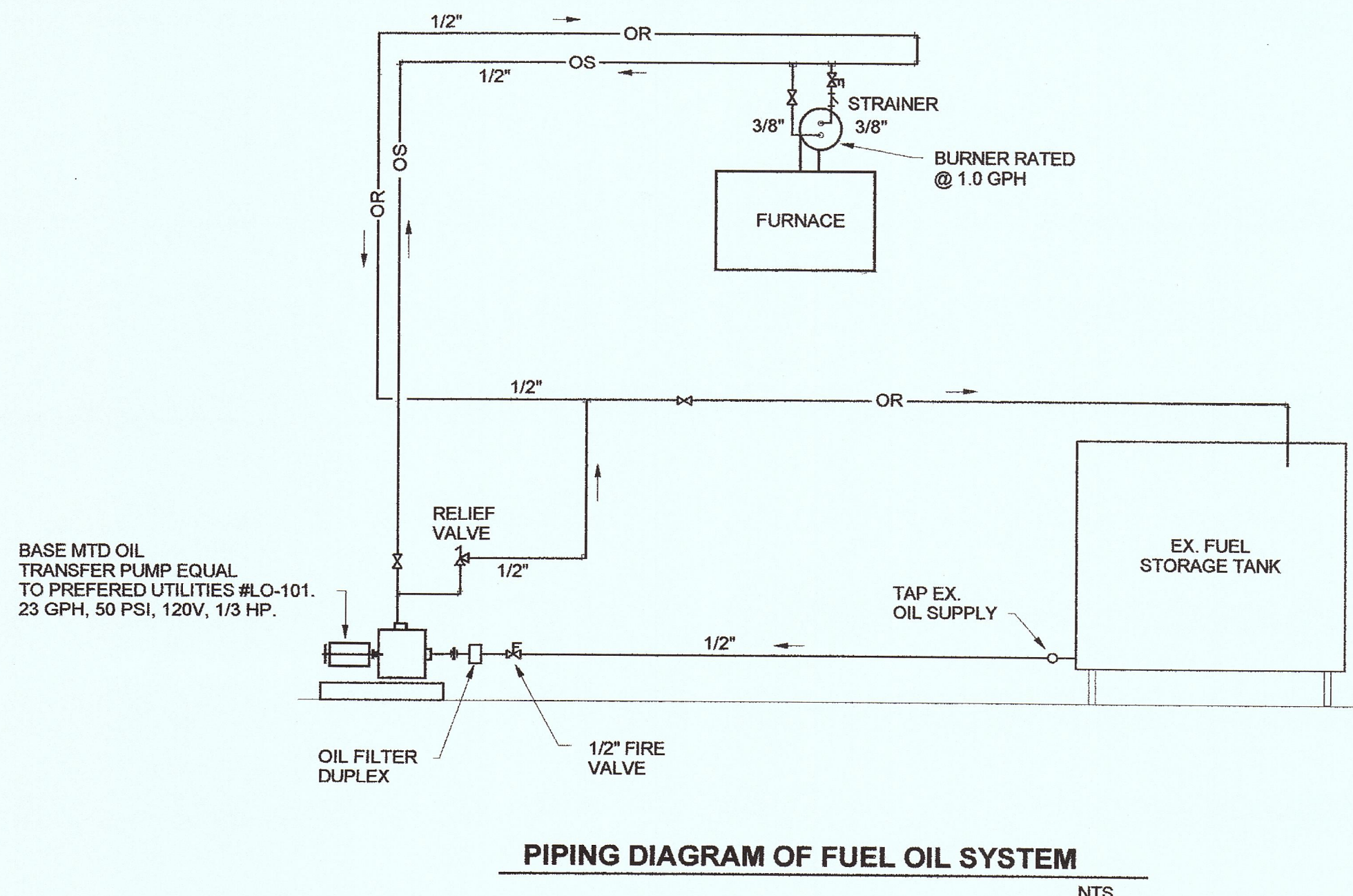
NO.	DESCRIPTION	FLOW	HEAD	RPM	HP	VOLTS	TACO MODEL # OR APPROVED B & G
P-1	OIL TRANSFER PUMP	23 GPH	50 PSI	1725	1/3 HP	120 VAC	PREFERED UTILITIES #LO-101



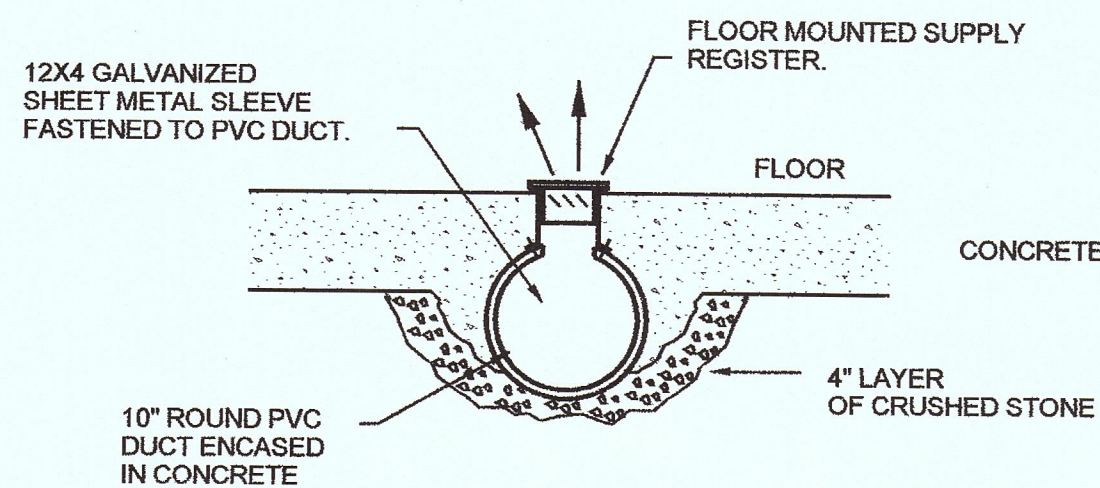
SECTION DETAIL OF HORIZONTAL FURNACE
SCALE: 1/4" = 1' - 0"



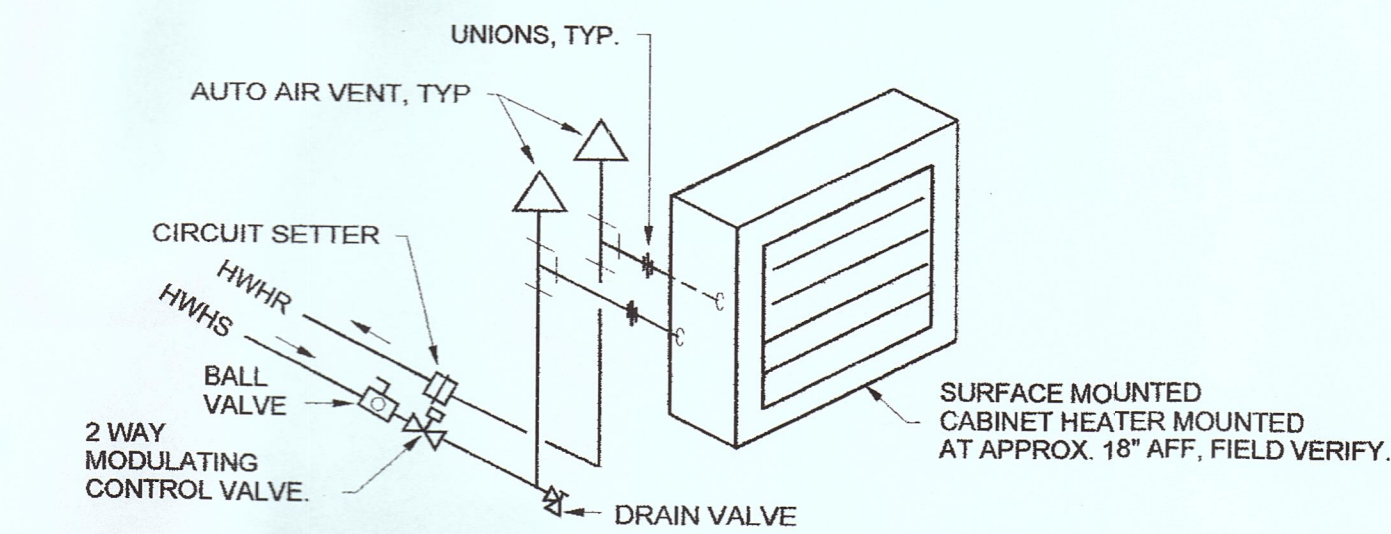
SECTION DETAIL OF HORIZONTAL FURNACE
SCALE: 1/4" = 1' - 0"



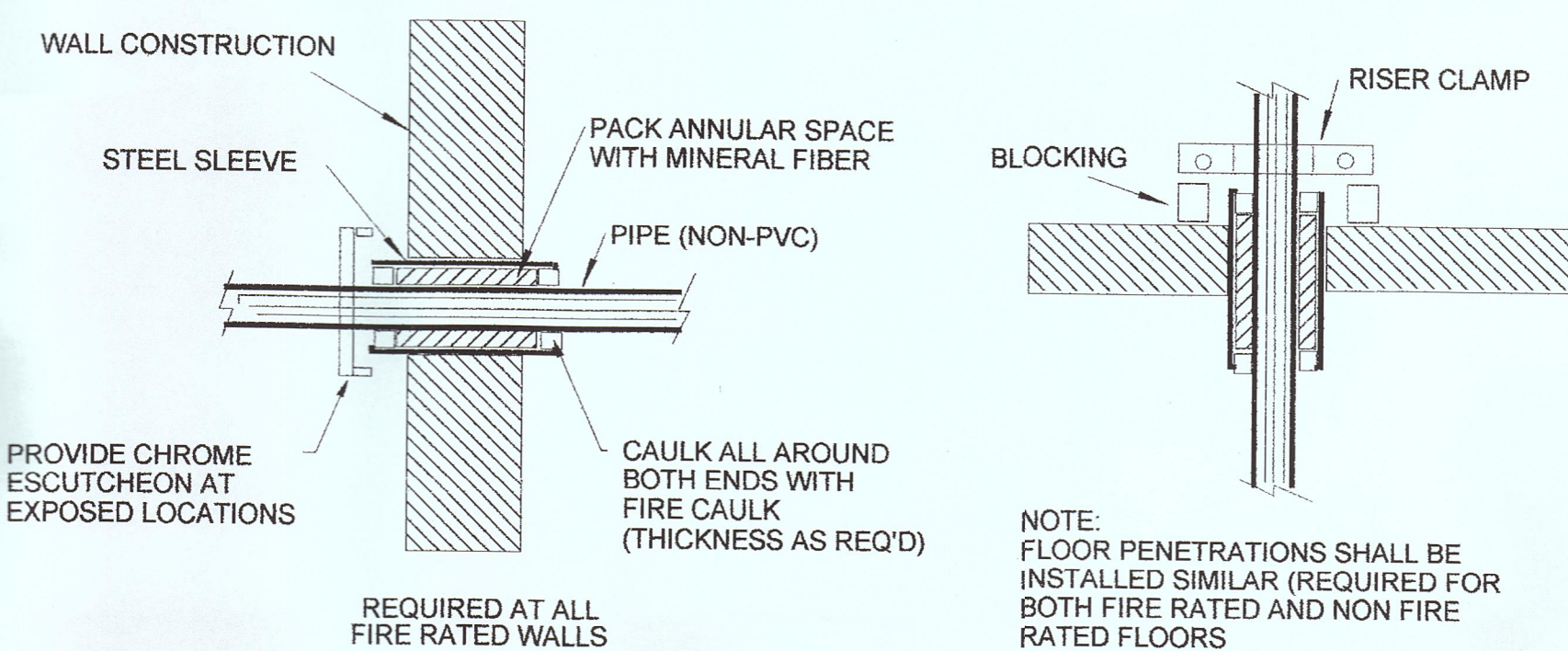
PIPING DIAGRAM OF FUEL OIL SYSTEM
NTS



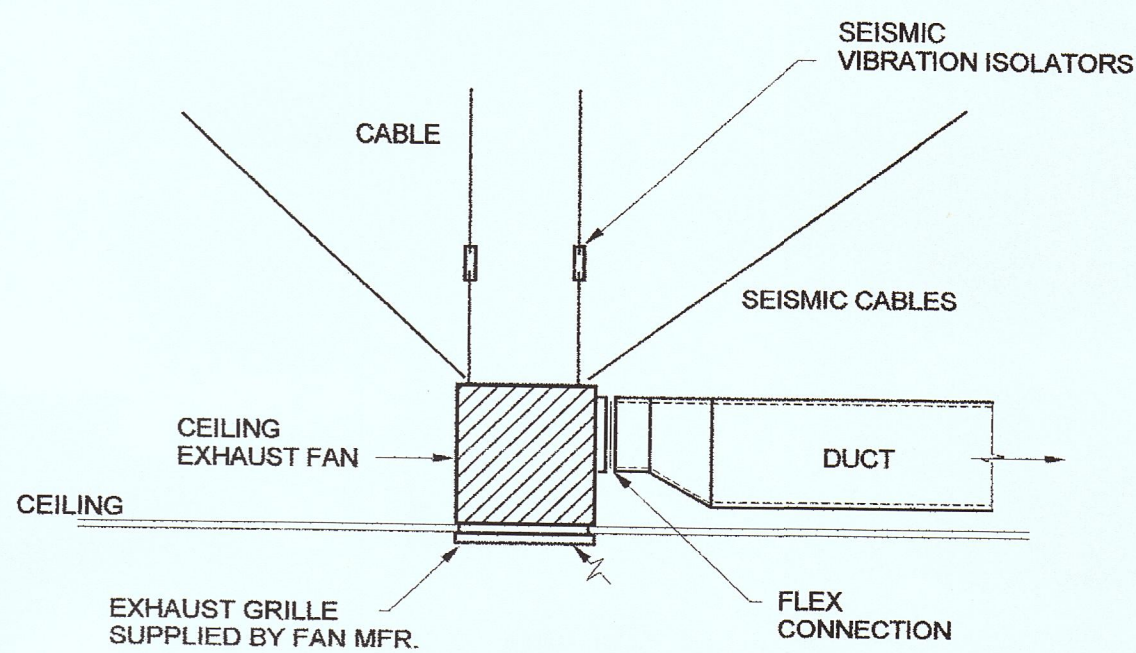
INSTALLATION DETAIL OF ENCASED PVC SUPPLY DUCT BELOW FLOOR
N.T.S.



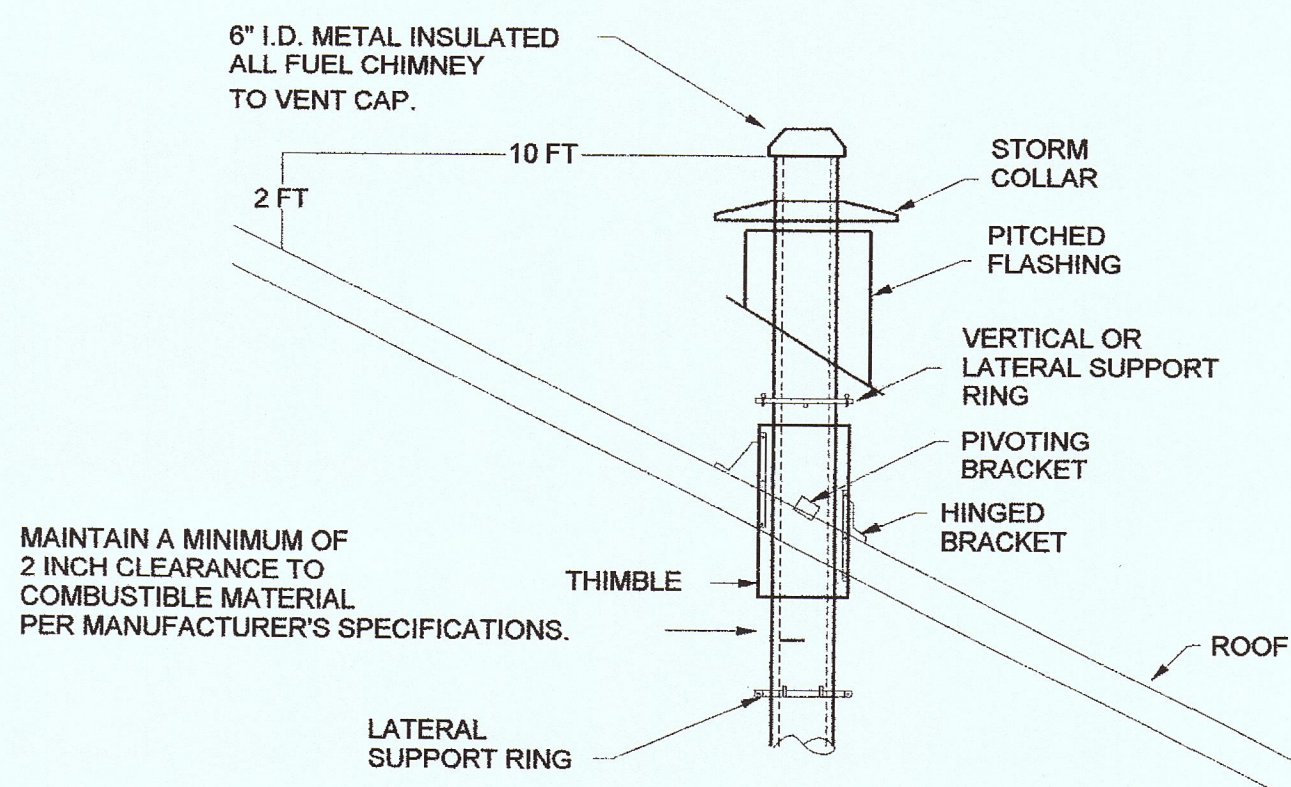
CABINET HEATER PIPING DETAIL
NTS



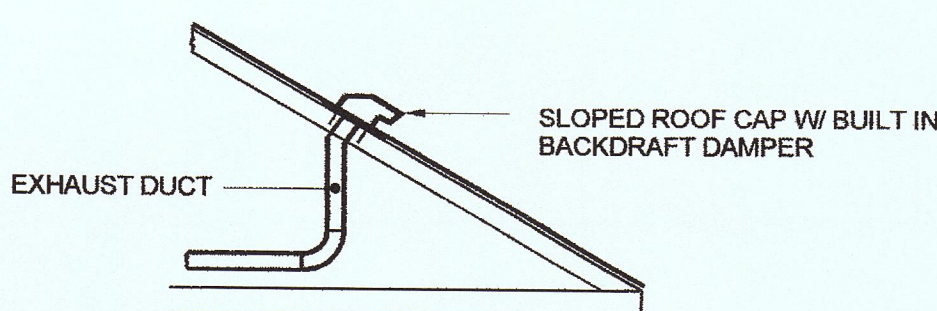
PIPE PENETRATIONS/FIRE CAULKING
NTS



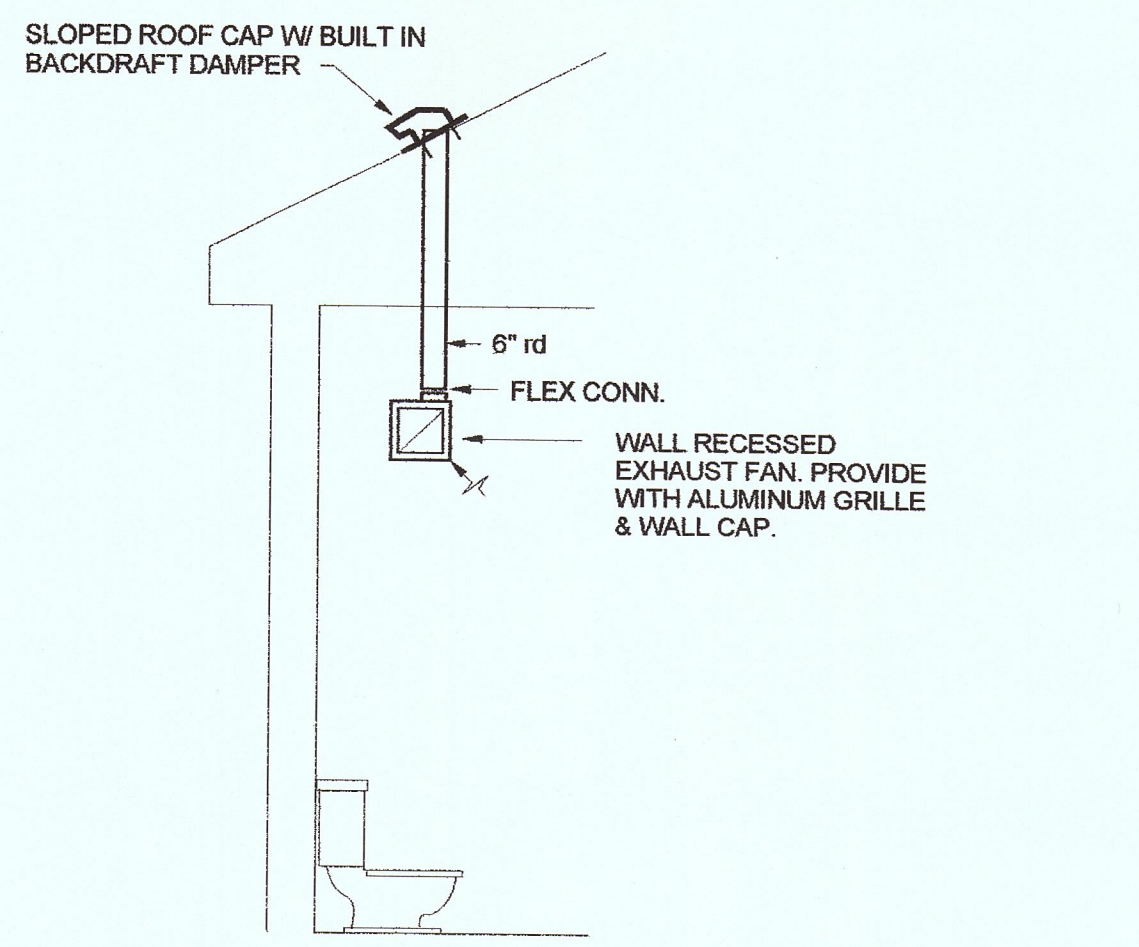
INSTALLATION DETAIL OF CEILING EXHAUST FAN
NTS



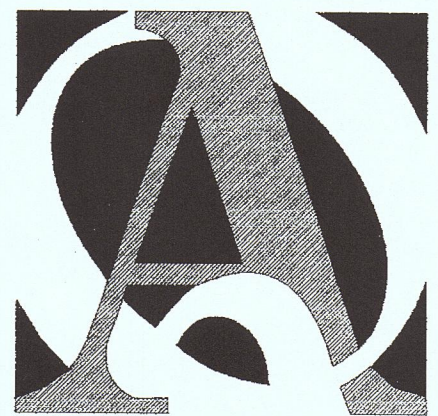
INSTALLATION DETAIL OF CHIMNEY
NTS



DETAIL OF SLOPED ROOF CAP INSTALLATION
NTS



INSTALLATION DETAIL OF WALL RECESSED EXHAUST FAN
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ADDITIONS & RENOVATIONS FOR:
ANDOVER TOWN HALL
17 SCHOOL ROAD
ANDOVER, CT

Sheet Description:

DETAILS

MECHANICAL

Scale:
1/4" = 1'-0"

Issue Date:
APRIL 2006

Project #:
QA 0585
MED 0624

Drawn By:
STD/NHS

Sheet #:

M2.1