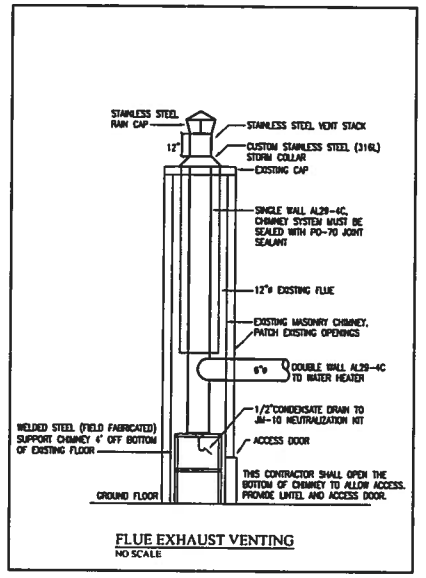
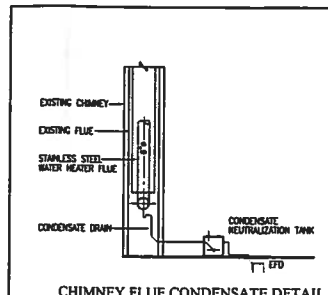


FLUE EXHAUST VENTING
NO SCALE

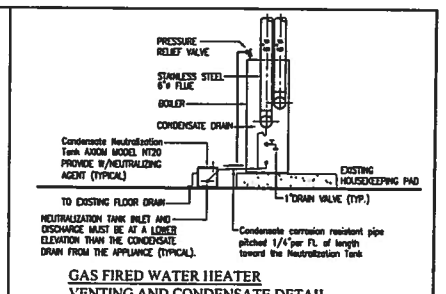
GAS FIRED, WATER HEATER SCHEDULE

TAG	LOCATION	MANUF.	MODEL	FUEL	GAS INPUT (MBH)	GAS PRESSURE (MIN/MAX)	GAS THERMAL EFFICIENCY	ELECTRICAL VOLTAGE	ELECTRICAL PHASE	ELECTRICAL AMPS	NET OUTPUT (MBH)	VENT DIA (IN)	VENT DIA (OUT)	REMARKS
WH-1	BOILER ROOM	AERCO	MODEL BMH 1060	GAS	1060	4"WC MIN/ 14"WC MAX	87.3%-98.8%	120	1	20.0	1022	6"	6"	1,2,3,4,5

REMARKS:
1. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. POWER WIRING AND RACEWAY BY DIVISION 16.
3. DISCONNECT, MOTOR STARTERS AND CONTROLS BY DIVISION 15.
4. 1224 GPH (20.4 GPM) AT 100° TEMPERATURE RISE.
5. UNIT MANUFACTURER SHALL PROVIDE GAS PRESSURE REGULATOR. REGULATOR SHALL BE INDEPENDENTLY VENTED TO OUTSIDE.



CHIMNEY FLUE CONDENSATE DETAIL
NO SCALE



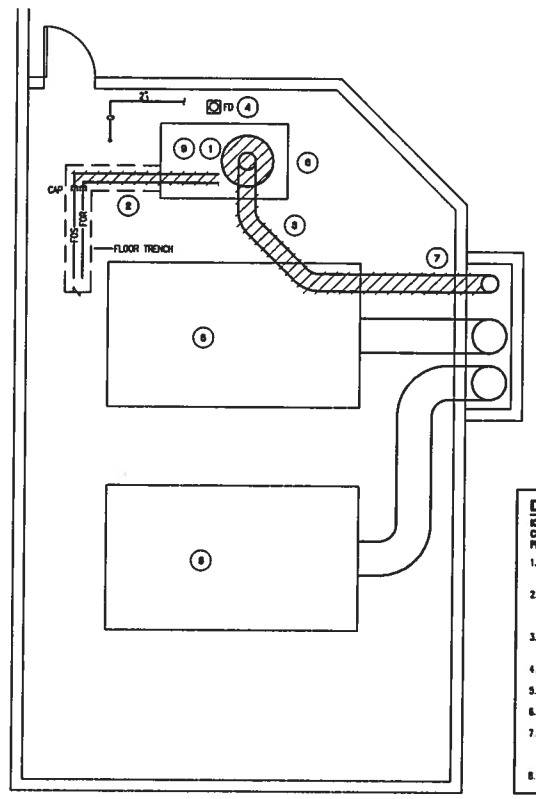
GAS FIRED WATER HEATER VENTING AND CONDENSATE DETAIL
NO SCALE

GENERAL NOTES:

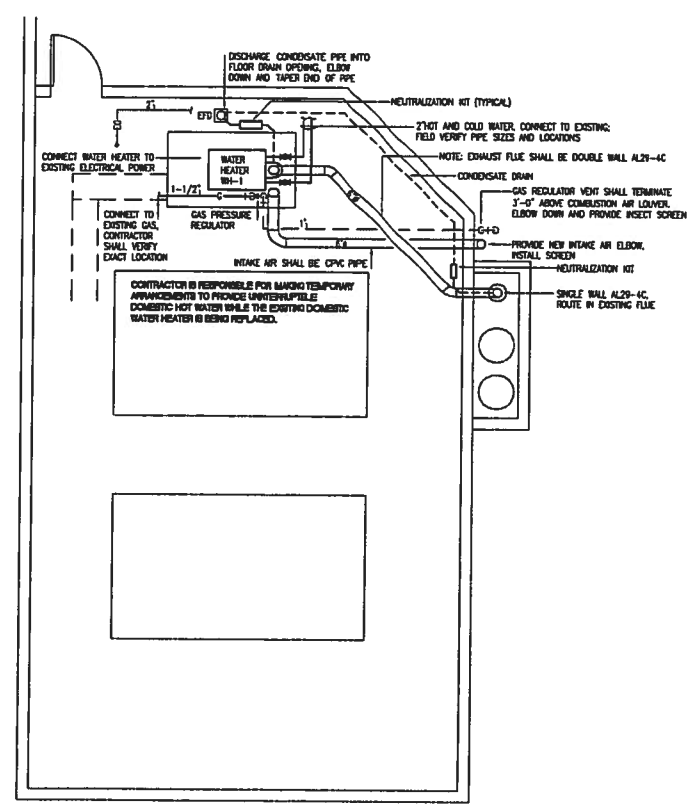
1. DRAWINGS ARE DIAGRAMMATIC AND SHOW GENERAL INTENT OF WORK. ALL CONTRACTORS MUST COORDINATE WITH OTHER TRADES OTHER TRADES BEFORE PROCEEDING WITH ANY WORK.
2. THE CONTRACTOR SHALL COORDINATE THE ROUTING AND INSTALLATION OF PLUMBING SYSTEMS TO AVOID CONFLICTS.
3. THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS PRIOR TO SUBMITTING HIS BID.
4. INSTALL PIPES TO ALLOW EASY ACCESS TO VALVES.
5. INSULATE ALL DOMESTIC HOT WATER AND RECIRCULATION PIPING.
6. BRANCH TAKE-OFFS FOR FLUE AND COMBUSTION AIR SHALL BE AT 45° ANGLES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY TEMPORARY WORK REQUIRED TO KEEP THE BUILDING OCCUPIED DURING THE CONSTRUCTION.

MECHANICAL SYMBOL LIST

SYMBOL	ABBREV.	DESCRIPTION
	CW	COLD WATER
	HW	HOT WATER SUPPLY
	HWR	HOT WATER RECIRCULATING
—D—	D	DRAIN
—G—	G	NATURAL GAS
—EG—	EG	EXISTING NATURAL GAS
		SHUTOFF VALVE
		GAS SHUTOFF VALVE
—HD		RISER DOWN
—HU		RISER UP
FD	FD	FLOOR DRAIN
POC	POC	POINT OF CONNECTION



BOILER ROOM PART PLAN - PLUMBING DEMOLITION
SCALE: 1/4"=1'-0"



BOILER ROOM PART PLAN - PLUMBING NEW WORK
SCALE 1/4"=1'-0"

REVISIONS

SMITH MIDDLE SCHOOL
DOMESTIC HOT WATER HEATER REPLACEMENT
GLASTONBURY, CONNECTICUT

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TITLE
BOILER ROOM PART PLAN AND DETAILS PLUMBING NEW WORK

DATE 05/14/2013

DWG. NO.
PL1.1

Bemis12
May 14, 2013 at 3:06pm
F:\ACTIVE\2013\12-260 Smith Middle School\MEP\P-1.dwg