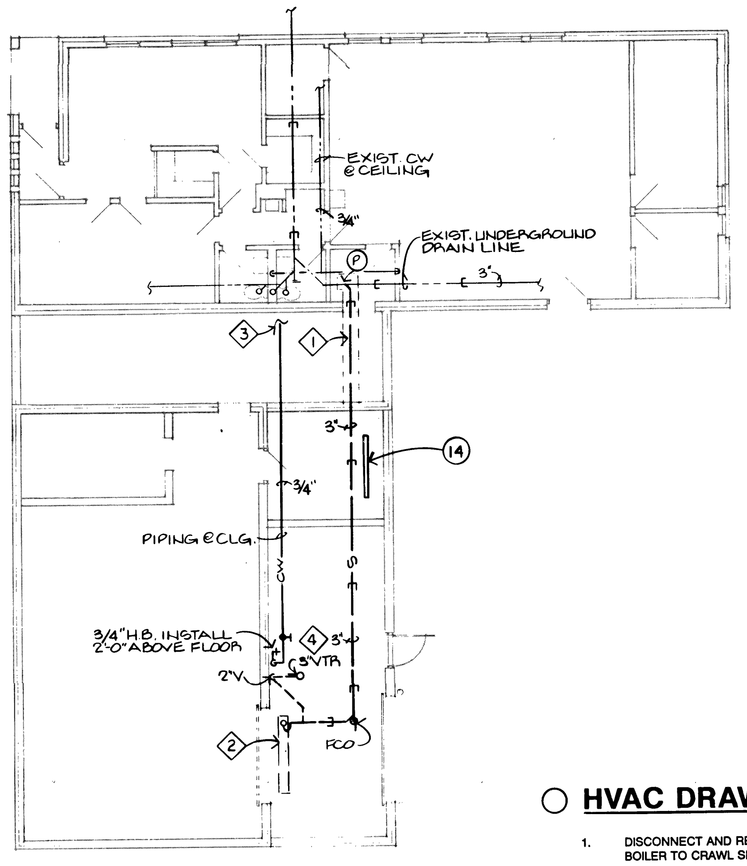
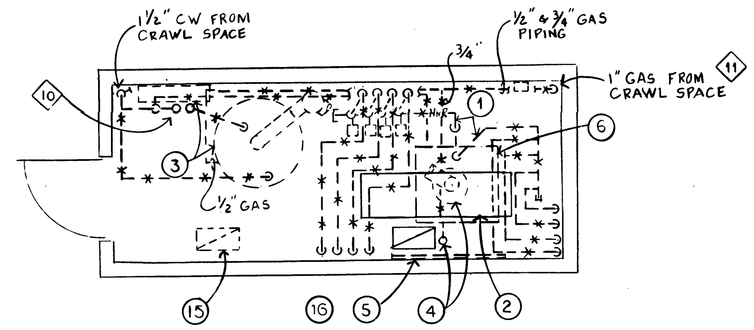


FLOOR PLAN

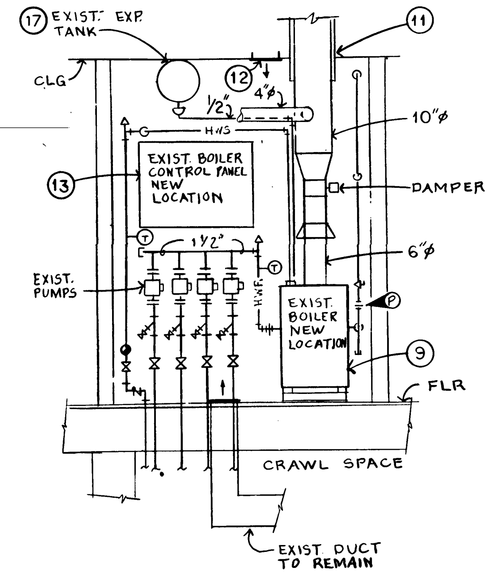
1/8" = 1'-0"



PARTIAL DEMOLITION PLAN

1/2" = 1'-0"

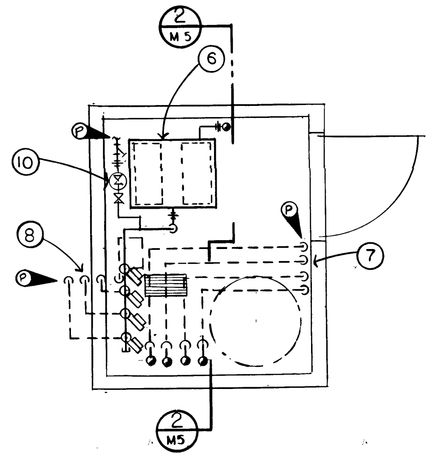
1 / M2



SECTION

1/2" = 1'-0"

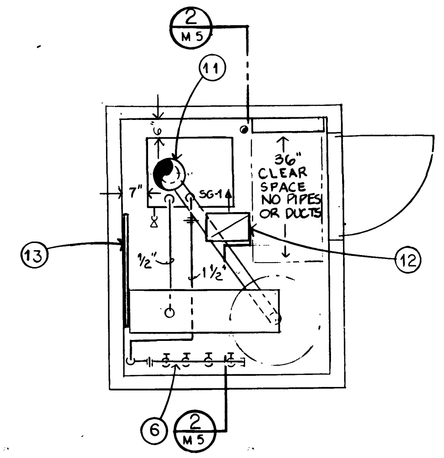
2 / M5



PARTIAL LOWER PLAN

1/2" = 1'-0"

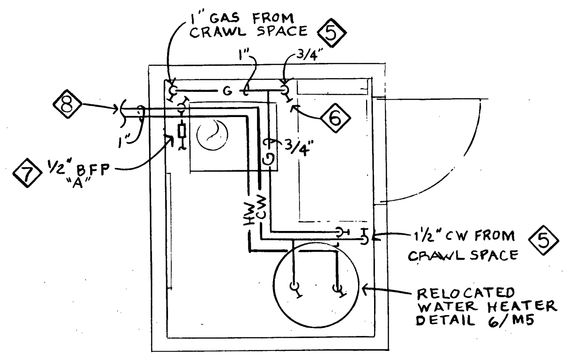
3 / M4



PARTIAL UPPER PLAN

1/2" = 1'-0"

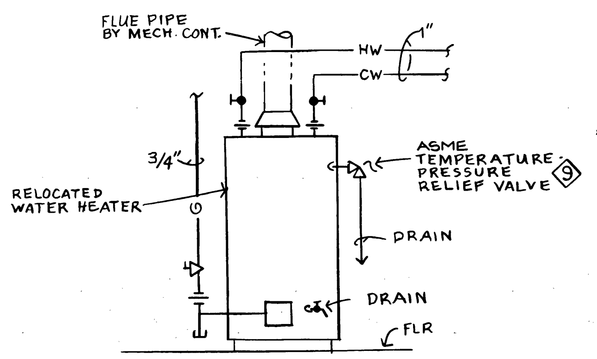
4 / M4



PARTIAL PLUMBING PLAN

1/2" = 1'-0"

5 / M4



WATER HEATER DETAIL

NO SCALE

6 / M5

SYMBOL LIST

- NEW PIPING
- EXISTING TO REMAIN
- REMOVE
- UNDERGROUND PIPING
- S — SOIL, WASTE OR SANITARY SEWER
- V — VENT
- CW — COLD WATER
- HW — HOT WATER
- HWR — HOT WATER RETURN
- HWS — HOT WATER SUPPLY
- G — GAS - LOW PRESSURE
- SHUTOFF VALVE
- VALVE
- UNION
- FCO — FLOOR CLEANOUT
- AV — AUTOMATIC AIR VENT
- HB — HOSE BIBB
- GAS VALVE
- BACKFLOW PREVENTER
- RPZ - REDUCE PRESSURE ZONE TYPE
- DCV - DOUBLE CHECK VALVE TYPE
- CHECK VALVE
- P — POINT OF CONNECTION TO EXISTING
- VTR — VENT THRU ROOF
- T — TEMPERATURE GAUGE

HVAC DRAWING NOTES

1. DISCONNECT AND REMOVE ALL HOT WATER SUPPLY AND RETURN PIPING FROM BOILER TO CRAWL SPACE.
2. EXPANSION TANK AND FITTING TO REMAIN. DISCONNECT AIR VENT LINE TO BOILER AND REMOVE.
3. HOT WATER TANK AND PIPING TO BE RELOCATED BY PLUMBING CONTRACTOR AND ELECTRICAL PANEL BY ELECTRICAL CONTRACTOR.
4. DISCONNECT EXISTING GAS LINE AND VENT FROM BOILER AND REMOVE. PATCH EXISTING ROOF OPENING TO MATCH EXISTING ROOF.
5. REMOVE, AFTER ELECTRICAL CONTRACTOR DISCONNECTS POWER, EXISTING BOILER CONTROL BOARD, LEAVING CONTROLS MOUNTED FOR RELOCATION.
6. ROTATE EXISTING BOILER 180 DEGREES TO POSITION IN NEW BOILER ROOM. REUSE EXISTING CONCRETE BLOCKS.
7. CONNECT NEW 1" HWS (4 ZONES) TO EXISTING AND PIPE TO BOILER AS SHOWN. INSULATE ALL HOT WATER SUPPLY AND RETURN PIPING WITH 1 1/2" FIBERGLASS.
8. CONNECT NEW 1" HWR (4 ZONES) TO EXISTING AND PIPE TO BOILER AS SHOWN. INSULATE ALL PIPING IN BOILER ROOM AND NEW PIPING IN CRAWL SPACE WITH 1 1/2" FIBERGLASS.
9. REPIPE EXISTING BOILER AS SHOWN REUSING HOT WATER PUMPS, VENT DAMPER AND CONTROLS.
10. PROVIDE NEW 1/2" PRV AND CONNECT 1/2" MAKE-UP WATER AS SHOWN.
11. PROVIDE NEW TYPE B GAS VENT. ADJUST LOCATION TO CLEAR JOISTS. PROVIDE ROOF CAP, 2 FEET ABOVE ROOF PEAK, AND PROVIDE ALL REQUIRED FLASHING AND FITTINGS.
12. PROVIDE 12"x 10" CEILING GRILLE WITH 12"x 6" DUCT TO ROOF VENT FOR COMBUSTION AIR. PROVIDE BIRDSCREEN AND DO NOT PROVIDE BACKDRAFT DAMPER. REUSE EXISTING COMBUSTION AIR OPENING IN FLOOR.
13. RELOCATE AND CONNECT EXISTING BOILER CONTROL PANEL. VERIFY THAT ALL EXISTING THERMOSTATS SERVE PROPER ZONES.
14. PROVIDE AND INSTALL ELECTRIC BASEBOARD. ELECTRICAL CONTRACTOR TO PROVIDE 120/1/60 POWER CONNECTION.
15. REMOVE COMBUSTION AIR VENT.
16. COMBUSTION AIR TO REMAIN.
17. DROP EXISTING EXPANSION TANK AND REPLACE AFTER NEW CEILING IS INSTALLED.

PLUMBING DRAWING NOTES

1. CUT EXISTING FLOOR AS REQUIRED FOR NEW WORK AND PATCH TO ORIGINAL CONDITION.
2. TRENCH DRAIN TO BE FURNISHED AND INSTALLED BY THE GENERAL CONTRACTOR. MAKE FINAL CONNECTION TO DRAIN. COORDINATE IN FIELD.
3. EXTEND NEW 3/4" DOMESTIC COLD WATER LINE TO TOILET ROOM AND CONNECT TO EXISTING PIPING ABOVE CEILING.
4. VENT FLASHING TO BE FURNISHED AND INSTALLED BY THE GENERAL CONTRACTOR. COORDINATE IN FIELD.
5. MODIFY EXISTING PIPING AS REQUIRED IN CRAWLSPACE AND EXTEND NEW PIPING THROUGH FLOOR IN LOCATION SHOWN.
6. TERMINATE WITH GAS SHUTOFF VALVE. FINAL CONNECTION TO BOILER BY HVAC CONTRACTOR.
7. TERMINATE WITH BACKFLOW PREVENTER. FINAL CONNECTION TO BOILER AND EXPANSION TANK BY HVAC CONTRACTOR. EXTEND DRAIN THROUGH FLOOR INTO CRAWLSPACE AND TERMINATE A MINIMUM OF 6" ABOVE CRAWLSPACE FLOOR.
8. EXTEND NEW PIPING AND CONNECT TO EXISTING WATER PIPING ABOVE CEILING.
9. REMOVE EXISTING RELIEF VALVE. FURNISH AND INSTALL NEW ASME TEMPERATURE AND PRESSURE RELIEF VALVE.
10. EXISTING WATER HEATER TO BE RELOCATED. REMOVE ALL EXPOSED WATER PIPING TO BELOW FLOOR AND ABOVE CEILING. REFER TO NOTE 5 FOR ADDITIONAL INFORMATION.
11. REMOVE ALL EXPOSED GAS PIPING TO BELOW FLOOR. REFER TO NOTE 5 FOR ADDITIONAL INFORMATION.

THE INFORMATION ON THIS DRAWING HAS BEEN PROVIDED BY THE CONTR AND IS FOR INFORMATION ONLY. FUTURE CONSTRUCTION REQUIRES ADEQUATE INVESTIGATION
DATE 11 APR 94 WHS INT.

STATE OF NEW YORK — RECORD DRAWING

WARNING: ALTERATIONS TO THIS DOCUMENT NOT CONFORMING TO SECTION 7209.2 or 69.5(b), STATE EDUCATION LAW, ARE PROHIBITED.

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	MM/RR	MM/RR	RRT	RMG
AUDIT INSTRUCTIONS	I S	M5		
SHEET NUMBER	I	M5		

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PARTIAL PLANS AND DETAILS
MECHANICAL / PLUMBING

92025
SCALE NOTED
16 NOV 92

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