

## BASEMENT DEMOLITION PLAN

SCALE: 1/8"=1'-0"

### PLUMBING DEMOLITION NOTES

- 1 REMOVE EXISTING STEAM CONVERTER, PIPING, ETC.
- 2 REMOVE EXISTING CHILLER, PIPING, CONTROLS, ETC.
- 3 REMOVE EXISTING EXPANSION TANK.

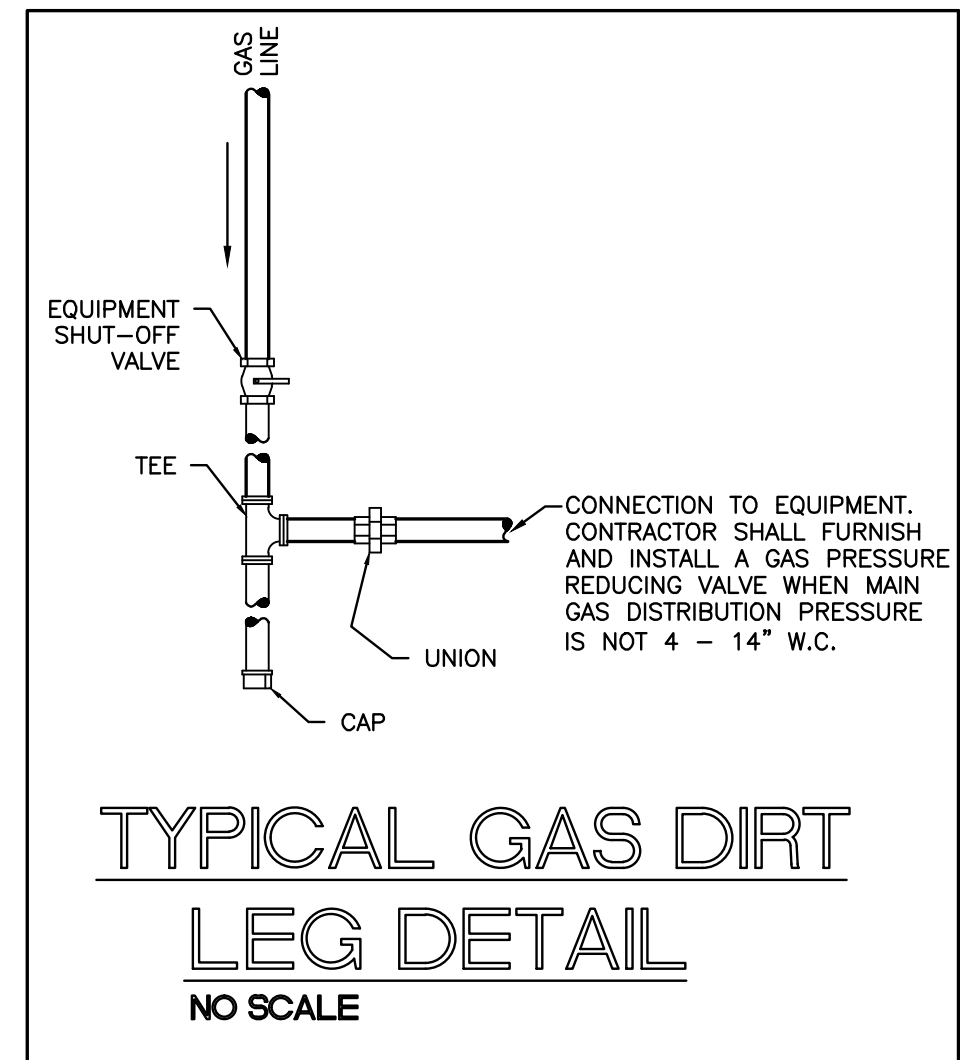
#### VERIFY DISPOSAL OF EXISTING EQUIPMENT WITH OWNER

##### GENERAL:

1. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND EQUIPMENT PRIOR TO BIDDING. THIS SHALL INCLUDE ALL ITEMS TO BE REMOVED OR RELOCATED, ALL ELECTRICAL, ALL REFRIGERANT PIPING, CONTROLS, ETC.
2. PATCH/REPAIR ALL OPENINGS LEFT ABANDONED DUE TO THE REMOVAL OF ALL EQUIPMENT (UNIT, DUCT, PIPING, ELECTRICAL, ETC.) PATCH/REPAIR ALL SURFACES TO MATCH EXISTING.
3. REMOVE ALL ABANDONED PIPING, CONDUIT, ELECTRICAL, ETC. PATCH/REPAIR ALL HOLES, ETC. TO MATCH EXISTING FINISHES.
4. VERIFY DISPOSITION OF ALL EQUIPMENT WITH OWNER. INCLUDE ALL COSTS ASSOCIATED WITH COMPLETE REMOVAL AND DISPOSAL IN ACCORDANCE WITH CITY, STATE, AND FEDERAL REGULATIONS.
5. REPAIR/REPLACE ANY EXISTING EQUIPMENT DAMAGED DURING DEMOLITION.
6. PATCH/REPAIR WALLS, FLOOR, CEILING, ETC. TO MATCH EXISTING.
7. PROTECT ALL EXISTING BUILDINGS AND WORK TO REMAIN, INCLUDING ALL EXISTING STRUCTURE, FINISHES, AND MATERIALS AT ALL TIMES FROM DAMAGE DUE TO WORK UNDER THIS CONTRACT OR FROM DAMAGE DUE TO EXPOSURE TO THE ELEMENTS. ANY SUCH DAMAGE WILL BE REPAIRED, PATCHED, OR REPLACED TO MATCH ORIGINAL EXISTING CONDITION.
8. TEMPORARILY REMOVE EXISTING ITEMS TO REMAIN IF REQUIRED TO PROPERLY INSTALL NEW WORK. UPON COMPLETION OF DEMOLITION OR NEW WORK, RE-INSTALL SUCH REMOVED ITEMS TO MATCH ORIGINAL EXISTING CONDITION.
9. ALL BIDDERS SHALL VISIT THE JOB SITE PRIOR TO SUBMITTING A BID TO DETERMINE THE TOTAL SCOPE OF WORK, AND TO COMPLETELY FAMILIARIZE THEMSELVES WITH THE PROJECT, INCLUDING ALL EXISTING CONDITIONS, BUILDINGS, STRUCTURE, FINISHES, AND MATERIALS IN ALL AREAS AFFECTED BY WORK UNDER THIS CONTRACT.

### PLUMBING NOTES

1. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. IT IS INTENDED THAT A COMPLETE PLUMBING SYSTEM BE PROVIDED WITH ALL NECESSARY EQUIPMENT, ACCESSORIES, AND CONTROLS COMPLETELY COORDINATED WITH ALL TRADES. ALL REQUIREMENTS GIVEN IN THESE DOCUMENTS SHALL BE STRICTLY CONFORMED TO, ANY ITEMS AND LABOR REQUIRED FOR A COMPLETE PLUMBING SYSTEM IN ACCORDANCE WITH ALL APPLICABLE CODES, STANDARDS, LOCAL AUTHORITIES, AND THESE CONTRACT DOCUMENTS SHALL BE FURNISHED WITHOUT INCURRING ANY ADDITIONAL COST TO THE OWNER. CAREFULLY REVIEW ALL CONTRACT DOCUMENTS AND THE DESIGN OF OTHER TRADES BEFORE PREPARING SHOP DRAWINGS.
2. COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, HVAC AND ELECTRICAL TRADES. PIPE ROUTING SHOWN IS DIAGNAMATIC. PROVIDE ALL OFFSETS, ETC., TO AVOID INTERFERENCES WITH EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, ETC..
3. COORDINATE ALL FLOOR PENETRATIONS WITH STRUCTURAL DRAWINGS. SET SLEEVES IN FLOORS AND WALLS AND ATTACHMENTS FOR HANGERS AS CONSTRUCTION PROGRESSES. ALL PENETRATIONS MUST BE SEALED AND HELD AS TIGHT TO COLUMNS OR WALLS AS POSSIBLE.
4. PLUMBING CONTRACTOR SHALL MAKE FINAL CONNECTIONS TO ALL EQUIPMENT INDICATED ON DRAWINGS. FINAL CONNECTION SHALL INCLUDE ANY ADAPTORS, NIPPLES, SHUT-OFF VALVES, PRV'S, SHOCK ABSORBERS, BACKFLOW PREVENTION DEVICES, REGULATORS ETC..
5. ALL STRUCTURAL PENETRATIONS (SLEEVES, BLOCKOUTS, ETC.) ARE TO BE LOCATED AND COORDINATED IN THE FIELD BY THE CONTRACTOR IN RELATION TO THE REQUIREMENTS OF FINAL EQUIPMENT AND FIXTURES SELECTED.
6. FIELD VERIFY EXACT SIZE, MATERIAL, AND LOCATION OF ALL EXISTING UTILITIES BEFORE BEGINNING WORK.
7. PROVIDE INSULATING UNION BETWEEN ABOVE AND BELOW GROUND GAS PIPING.
8. ALL EXPOSED INTERIOR OR EXTERIOR GAS LINES ARE TO BE PAINTED BY THE PLUMBING CONTRACTOR WITH ONE COAT OF LATEX PAINT. INTERIOR COLOR TO MATCH WALL. EXTERIOR COLOR TO BE SELECTED BY ARCHITECT.
9. LABEL ALL 2PSIG GAS PIPING IN ACCORDANCE WITH 2006 INTERNATIONAL CODES (6 FT. CENTERS).
10. PRIME AND PAINT ALL EXPOSED GAS PIPING. VERIFY COLOR WITH ENGINEER.
11. FURNISH AND INSTALL GAS PRESSURE REGULATING/REDUCING VALVES AT EACH APPLIANCE. WHERE REGULATORS ARE SELF-LIMITING TYPE, VENTS SHALL BE EXTENDED TO THE BUILDING EXTERIOR.
12. ALL GAS PIPING SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH NFPA 54, INTERNATIONAL FUEL GAS CODE.



### GAS WATER HEATER SCHEDULE

MARK NO.	MODEL NO.	BTU INPUT	RECOVERY GPH @ 100'	GAS CONN SIZE	WIDTH SIZE	DEPTH SIZE	HEIGHT SIZE	WATER CONN SIZE	APPROX SHIP WEIGHT	VOLTAGE	NOTES
GWH-1	A.O. SMITH BTH-199 CYCLONE XI OR APP'V EQUAL	199,000	230	3/4"	27-3/4"	27-3/4"	75-1/2"	1-1/2"	595	120-1-60	SEE BELOW
GWH-2	A.O. SMITH BTH-199 CYCLONE XI OR APP'V EQUAL	199,000	230	3/4"	27-3/4"	27-3/4"	75-1/2"	1-1/2"	595	120-1-60	SEE BELOW

1

STANDARD VENT DISCHARGE KIT - REF. DETAILS FOR GWH-1 AND GWH-2 VENT/COMBUSTION AIR

2

NATURAL GAS PRESSURE : 7" - 10.5" W.C. (VERIFY WITH MANUFACTURER)

3

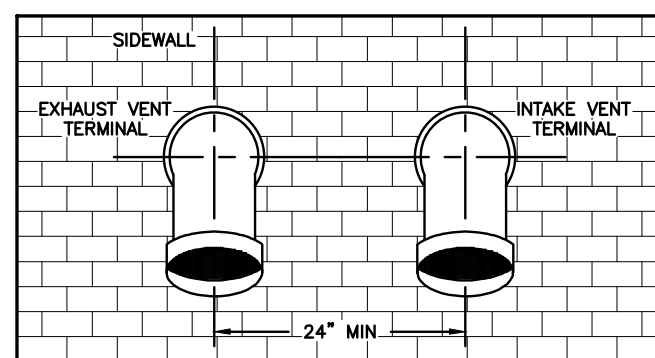
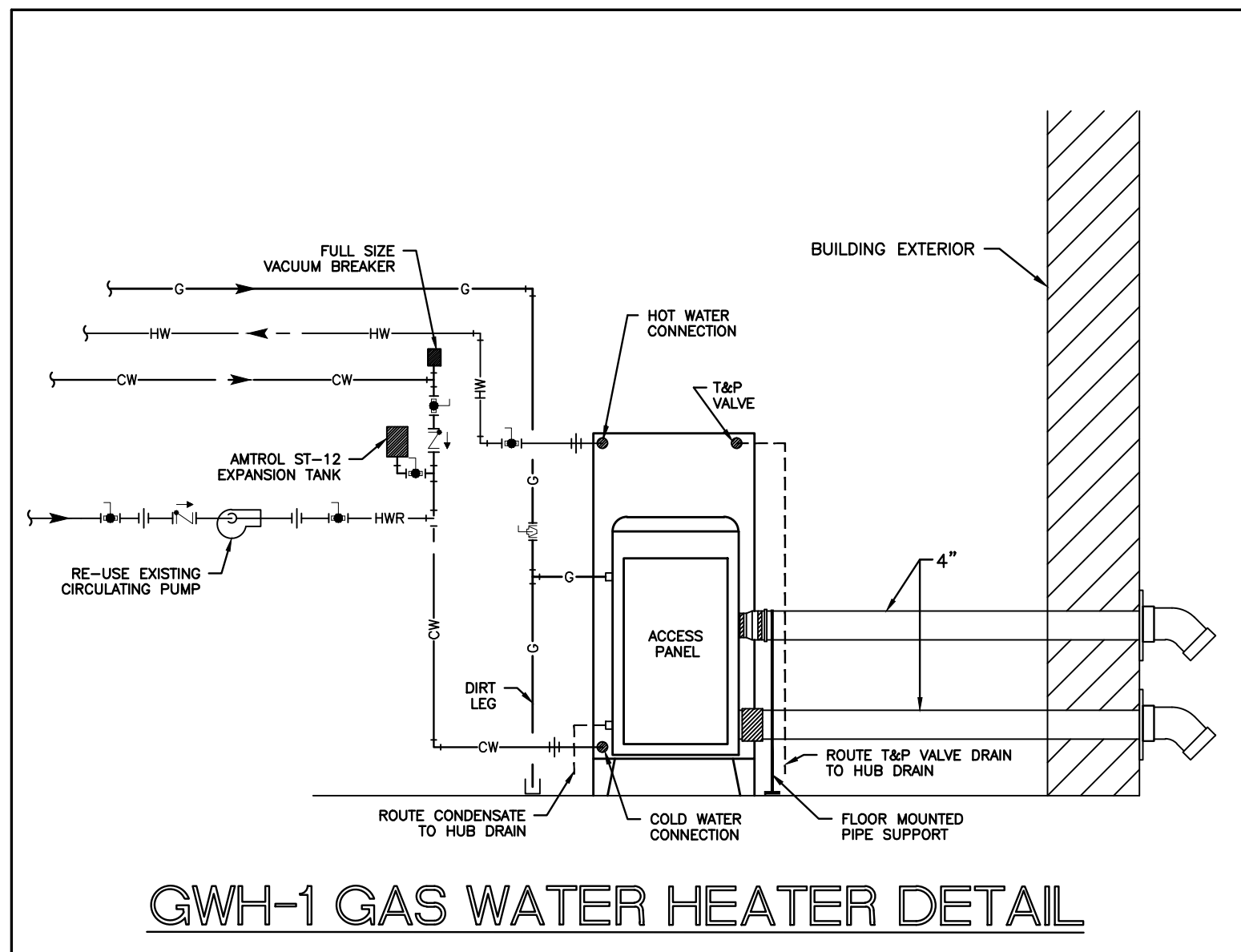
ELECTRICAL IS 120-1-60 , 90 WATTS

4

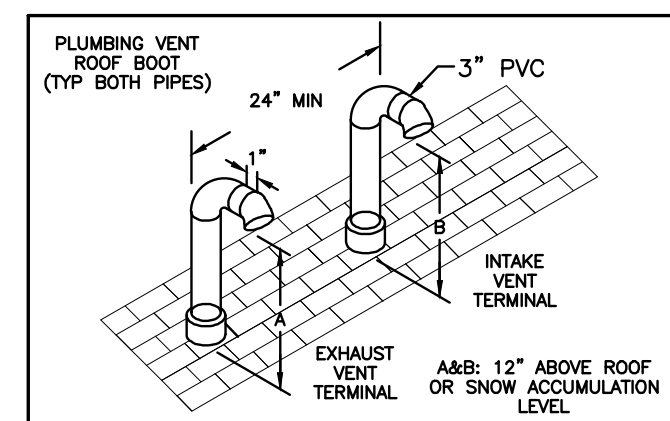
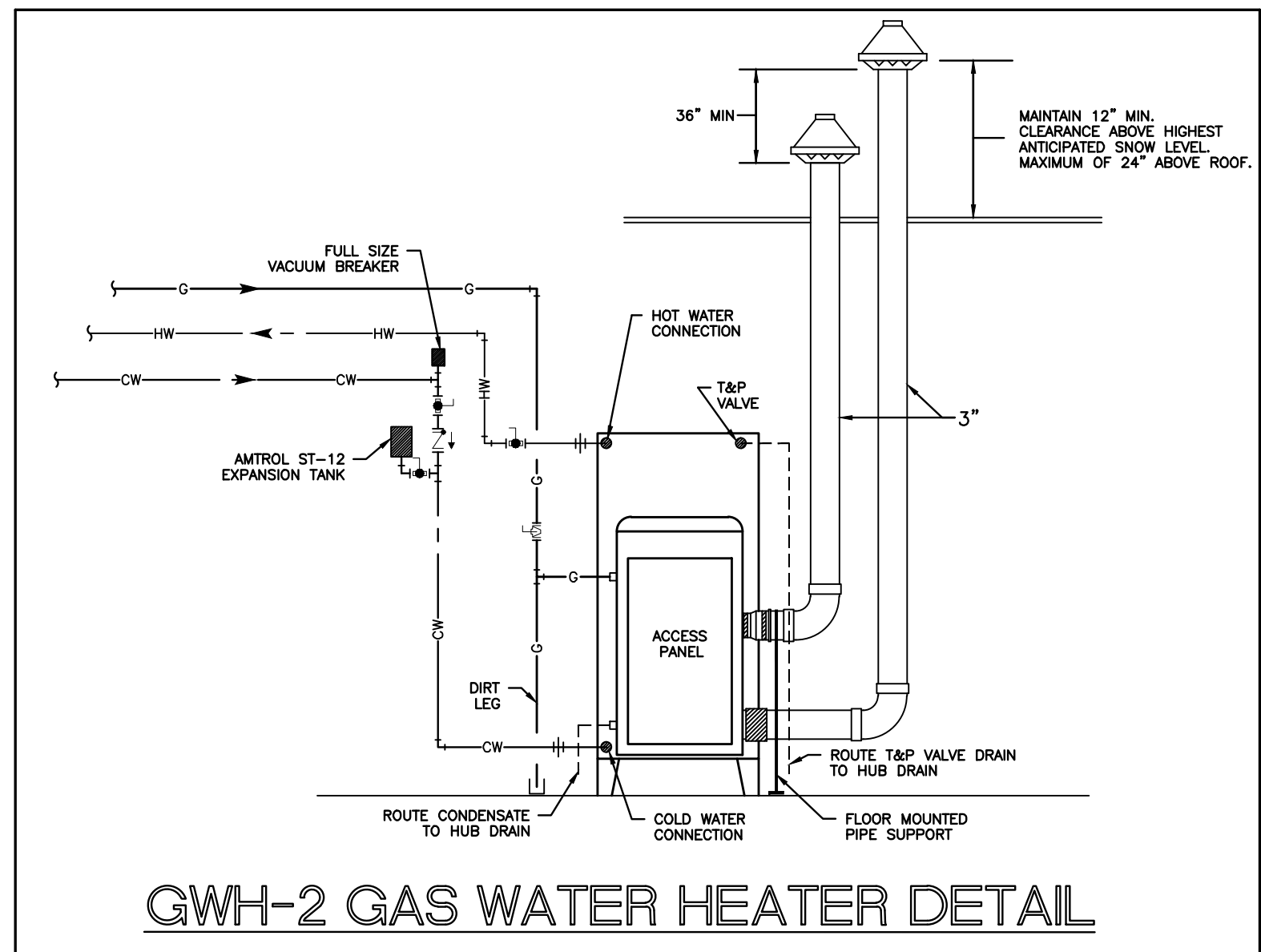
INSTALLATION SHALL INCLUDE GAS PRESSURE REGULATOR TO REDUCE GAS PRESSURE FROM 2 PSIG TO 9 W.C. (VERIFY WITH MANUFACTURER)

5

WARRANTY: 5 YEARS HEAT EXCHANGE AND PARTS



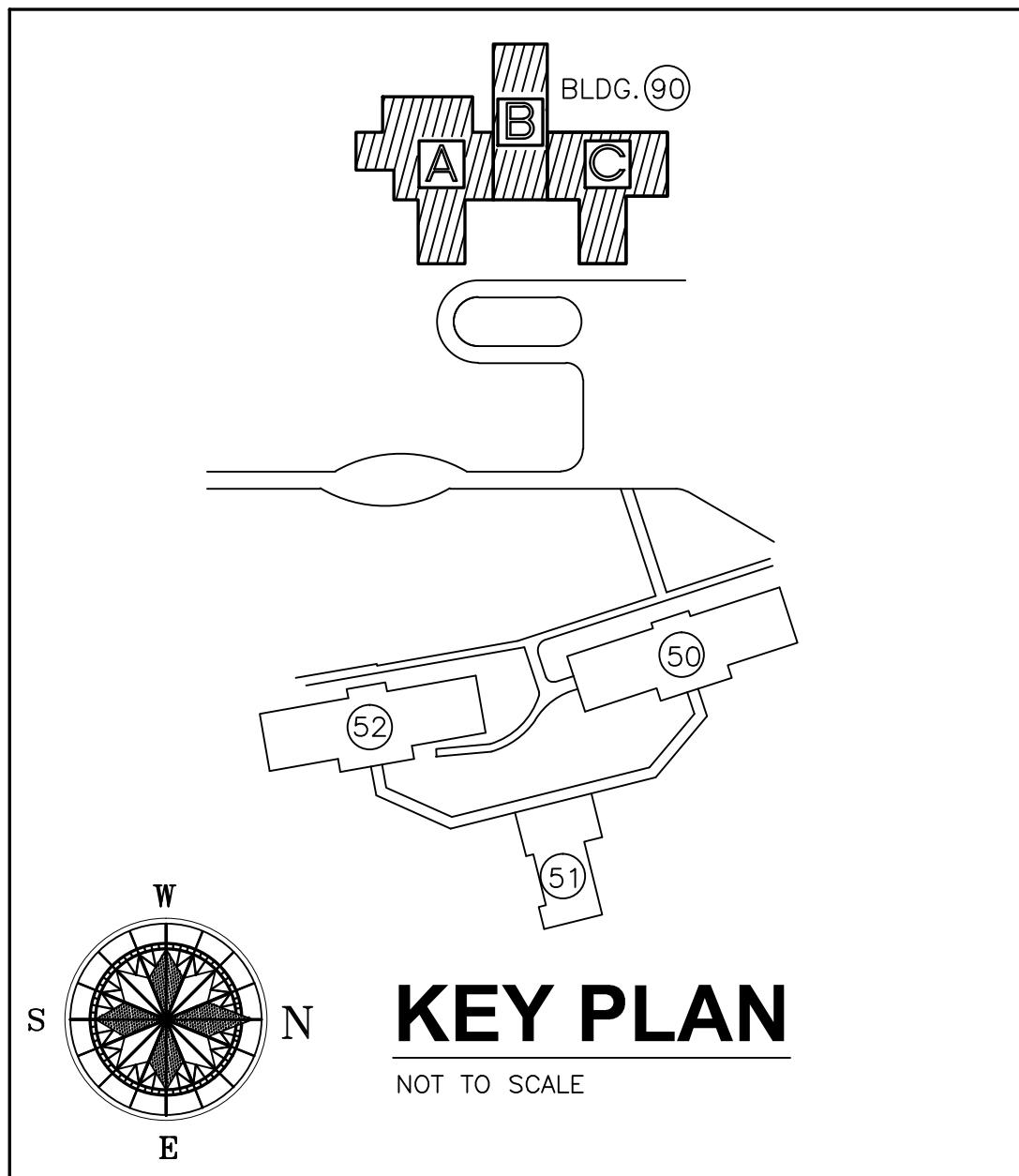
SIDEWALL VENTING DETAIL



VERTICAL VENTING DETAIL

### PLUMBING LEGEND

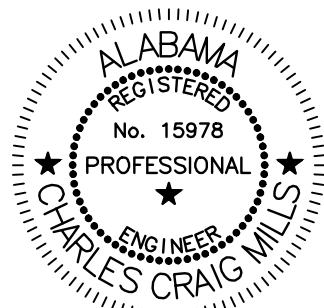
—NG—	NATURAL GAS	—GAS COCK
—XNG—	EXISTING GAS	—CONNECT TO EXISTING



## PLUMBING SCHEDULES, NOTES, LEGEND, DETAILS AND BASEMENT DEMOLITION PLAN - BUILDING 90

SCALE: AS NOTED

Revisions	Date



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Central Alabama Veterans Health Care System

Approved:	Approved:	Drawing Title	Project Title	Date
Approved:	Approved:	PLUMBING SCHEDULES, NOTES, LEGEND, DETAILS AND BASEMENT DEMOLITION PLAN - BUILDING 90	HVAC MODIFICATIONS TO BUILDINGS 83, 90, & 93 TUSKEGEE, ALABAMA	12/21/10
Approved:	Approved:	Safety Officer	Building Number 90	Project No. 619-10-445
Approved:	Approved:	Clinical Representative	Checked RDW	DRAWING NO. 90P2.1
			Drawn JAD	Dwg. 41 of 59
			Location East Campus, Tuskegee, AL	

Veterans  
Administration