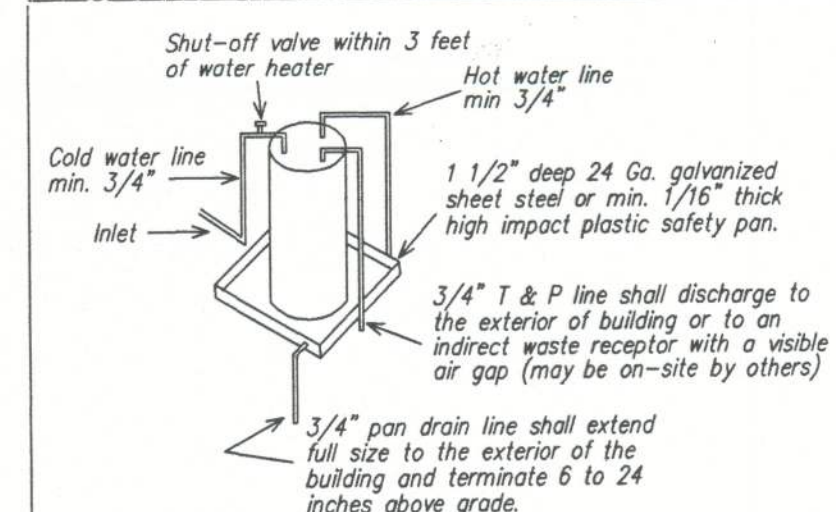


PLUMBING NOTES:

1. Tub access provided under home unless otherwise noted.
2. All plumbing fixtures shall have separate shut-off valves.
3. Water heater shall have safety pan with 1" drain to exterior. T & P relief valve with drain to exterior. And a shut-off valve within 3 feet on the cold water supply line.
4. DWV system shall be either ABS or PVC-DWV.
5. Water supply lines shall be CPVC (SCH 40 or SDR11) or PEX. Water supply lines may be stubbed through the floor (only) with the on-site installation of all lines below the floor to be in accordance with the specifications on this drawing.
6. Water closets average water usage shall not exceed 1.6 gal./flush.
7. Building drain and cleanouts are designed and site installed by others, subject to local jurisdiction approval. Underfloor trap arms not installed in the factory due to possible in-transit damage are to be site installed in accordance with the specifications on this drawing.
8. An accessible shut off valve shall be provided ahead of the first outlet or branch connection to the service or distribution pipe. This shut-off valve may be site installed.
9. Sinks and lavs shall not use more than 2.2 gal./min @ 60 PSI.
10. Shower heads shall not use more than 2.5 gal./min @ 80 PSI per ANSI Std A 112.18.1M.
11. All showers to have temperature of water controlled by a balanced pressure, thermostatic or combination balanced-pressure/thermostatic valve to limit the water temp. to 120°F (valve to comply w/ASSE 1016 or CSA CAN/CSA-B125).
12. Air admittance valves (AV) shall conform to ASSE 1051. The AV valves shall be located a minimum of 4 inches above the horizontal drain or fixture drain being vented and must be installed in well ventilated spaces or provided with ventilated access doors.
13. When metal water supply lines are installed, water hammer arrestors must also be installed where quick closing valves are utilized (i.e., dishwashers, clothes washers, ice makers or other quick closing devices with solenoid valves). Arrestors must comply with ASSE/ANSI 1010 and must be installed in accordance with the manufacturers instructions.
14. An approved thermal expansion device shall be installed in the water supply system in accordance with the manufacturers installation instructions. (this device is required when backflow preventors, pressure reducing valves, check valves or storage water heaters are installed in the water supply system which may prevent pressure relief in the system)



NOTES:

1. Water heater shall be provided with a cold water "Dip" tube with a hole at the top or a vacuum relief valve installed in the cold water supply line above the top of the water heater tank; bottom fed water heaters shall have a vacuum relief valve complying with ANSI Z21.22 installed.
2. Water heaters shall be provided with a temperature and pressure relief valve complying with ANSI Z21.22 installed in the shell of the water heater tank. The valve shall be actuated by the water in the top 6 inches of the tank and shall have a temperature rating of not more than 210° F and a pressure setting not exceeding the tanks rated working pressure or 150 psi, whichever is less.
3. Water heaters shall be equipped with an energy cutoff device that will cut off the supply of heat energy to the water tank before the temperature of the water in the tank exceeds 210° F.

TYPICAL WATER HEATER DETAIL

NTS

TOWN HOMES LLC

P.O. BOX 1059
LAKE CITY, FLORIDA 32056

DATE: 11/21/06	REVISIONS: 11/30/07	DRAWN BY: C.A. Leblanc
CODES: FBC		
LABELS: FL		
SCALE: NTS		
MODEL: 2901-1001 PLUMBING WATER SUPPLY	PLAN NO. TH-2R	SHEET 8 OF 12
WILLIAM J. KALKER, JR., P.E. CONSULTING ENGINEER P.E. LICENSE #33841	33 ROCKWOOD LANE MONROE, CT 06468 (203) 261-1167	

