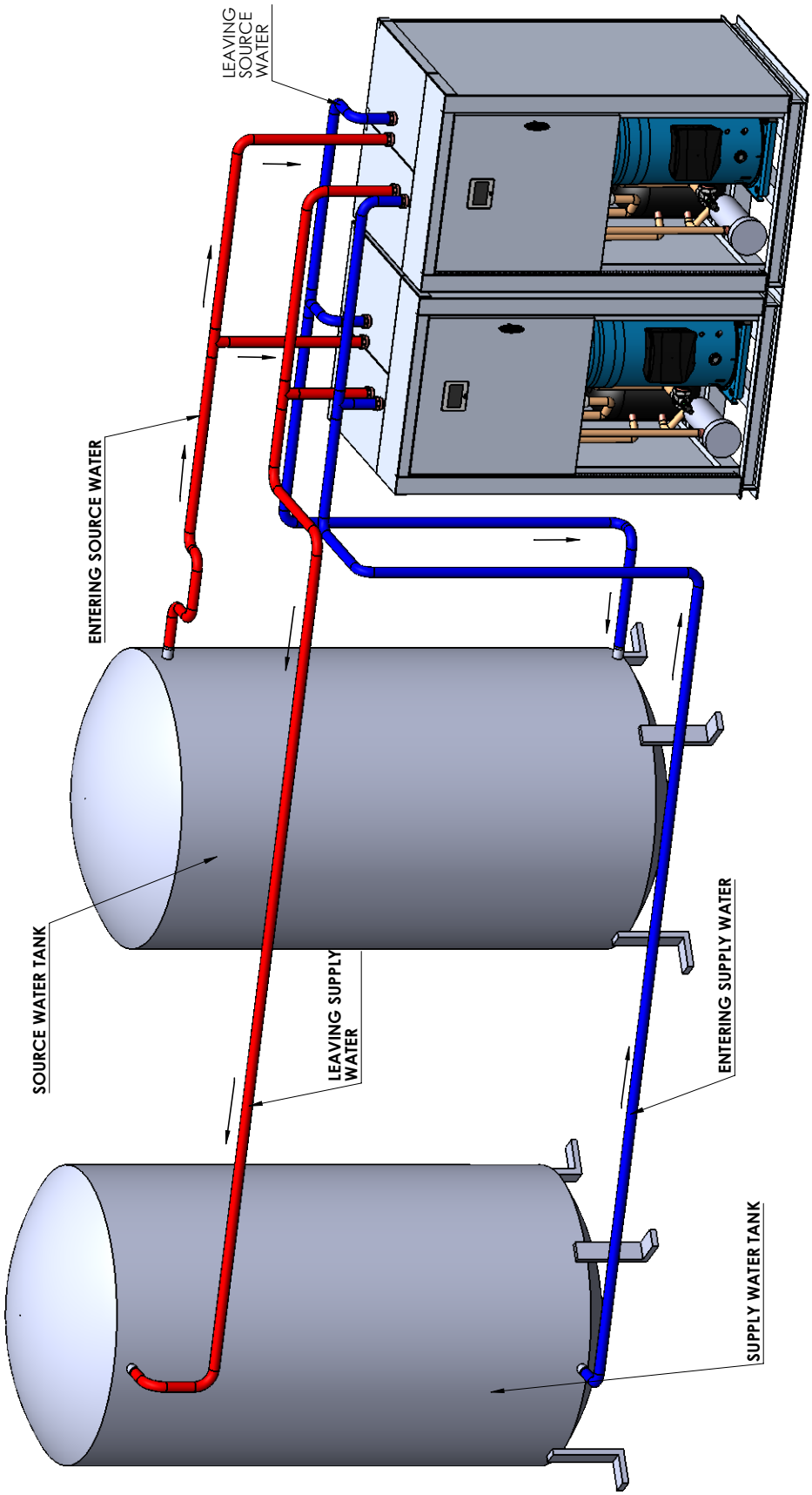
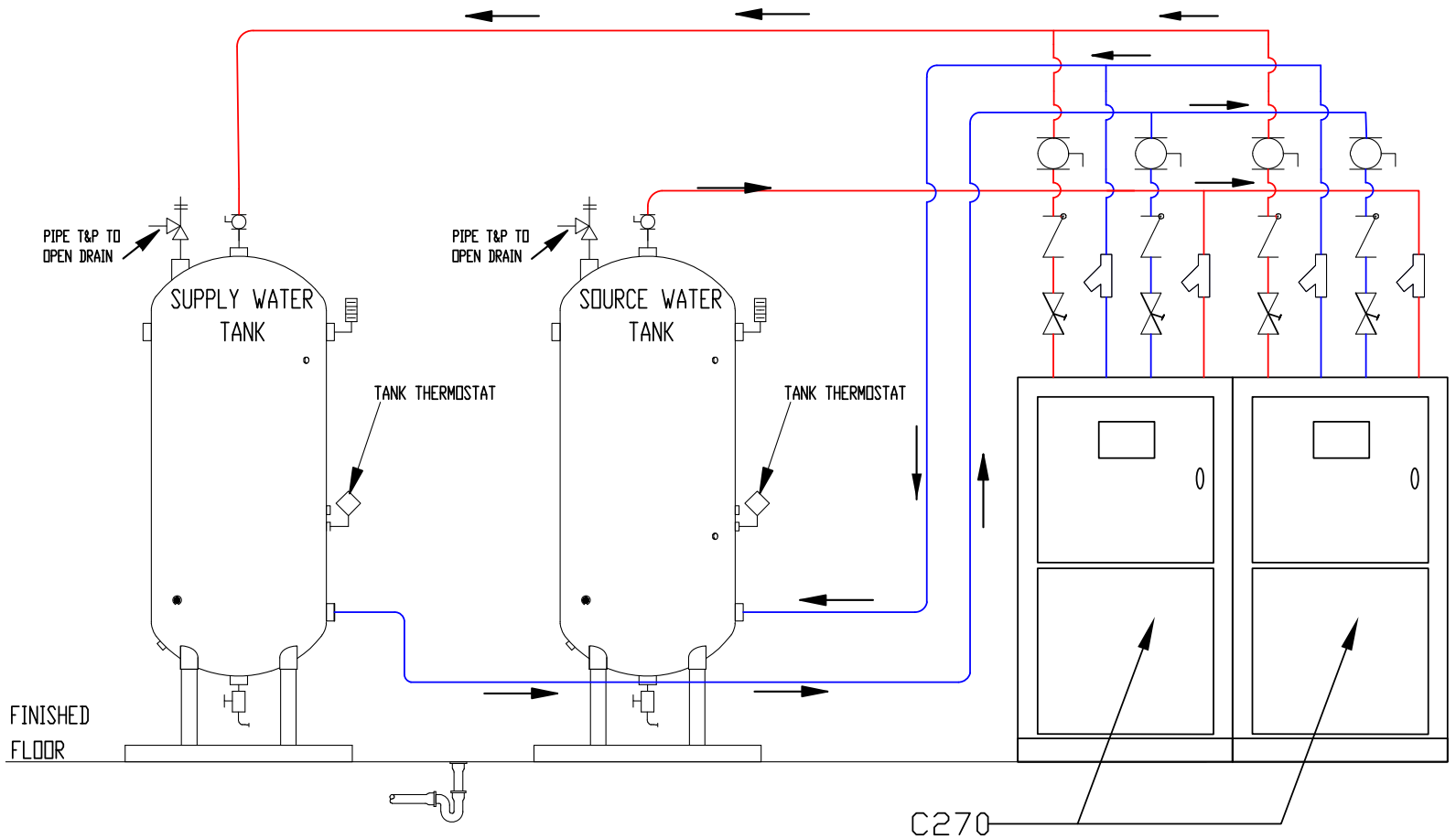

LEAVING SOURCE WATER
ENTERING SOURCE WATER
SOURCE WATER TANK
LEAVING SUPPLY WATER
ENTERING SUPPLY WATER
SUPPLY WATER TANK

TWO WATER TO WATER HEAT PUMPS, SINGLE TEMPERATURE
WITH TWO VERTICAL STORAGE TANKS
WITH FORCED BUILDING RECIRCULATION

WARNING: THIS DRAWING SHOWS SUGGESTED PIPING CONFIGURATION AND OTHER DEVICES; CHECK WITH LOCAL CODES AND ORDANENCES FOR ADDITIONAL REQUIREMENTS.

LEGEND

- BALL VALVE
- CHECK VALVE
- BALANCING VALVE
- WYE STRAINER
- WATER FLOW OUT
- WATER FLOW IN

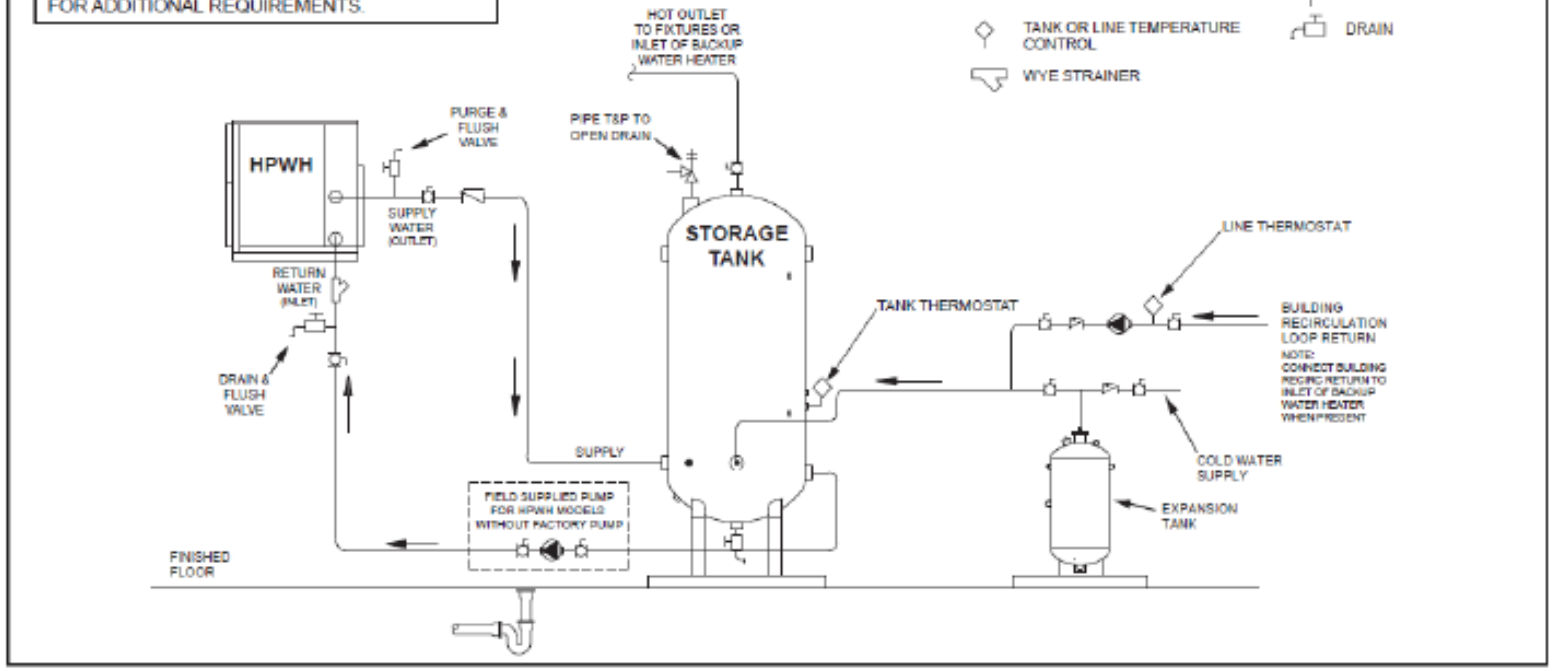


1. PREFERRED PIPING DIAGRAM.
2. THE TEMPERATURE AND PRESSURE RELIEF VALVE SETTING SHALL NOT EXCEED PRESSURE RATING OF ANY ANY COMPONENT IN THE SYSTEM.
3. LOCAL CODES SHALL GOVERN THE USAGE OF SERVICE VALVES.

WARNING: THIS DRAWING SHOWS SUGGESTED PIPING CONFIGURATION AND OTHER DEVICES; CHECK WITH LOCAL CODES AND ORDINANCES FOR ADDITIONAL REQUIREMENTS.

ONE AIR TO WATER HEAT PUMP, SINGLE TEMPERATURE WITH VERTICAL STORAGE TANK WITH FORCED BUILDING RECIRCULATION

WARNING: THIS DRAWING SHOWS SUGGESTED PIPING CONFIGURATION AND OTHER DEVICES; CHECK WITH LOCAL CODES AND ORDINANCES FOR ADDITIONAL REQUIREMENTS.

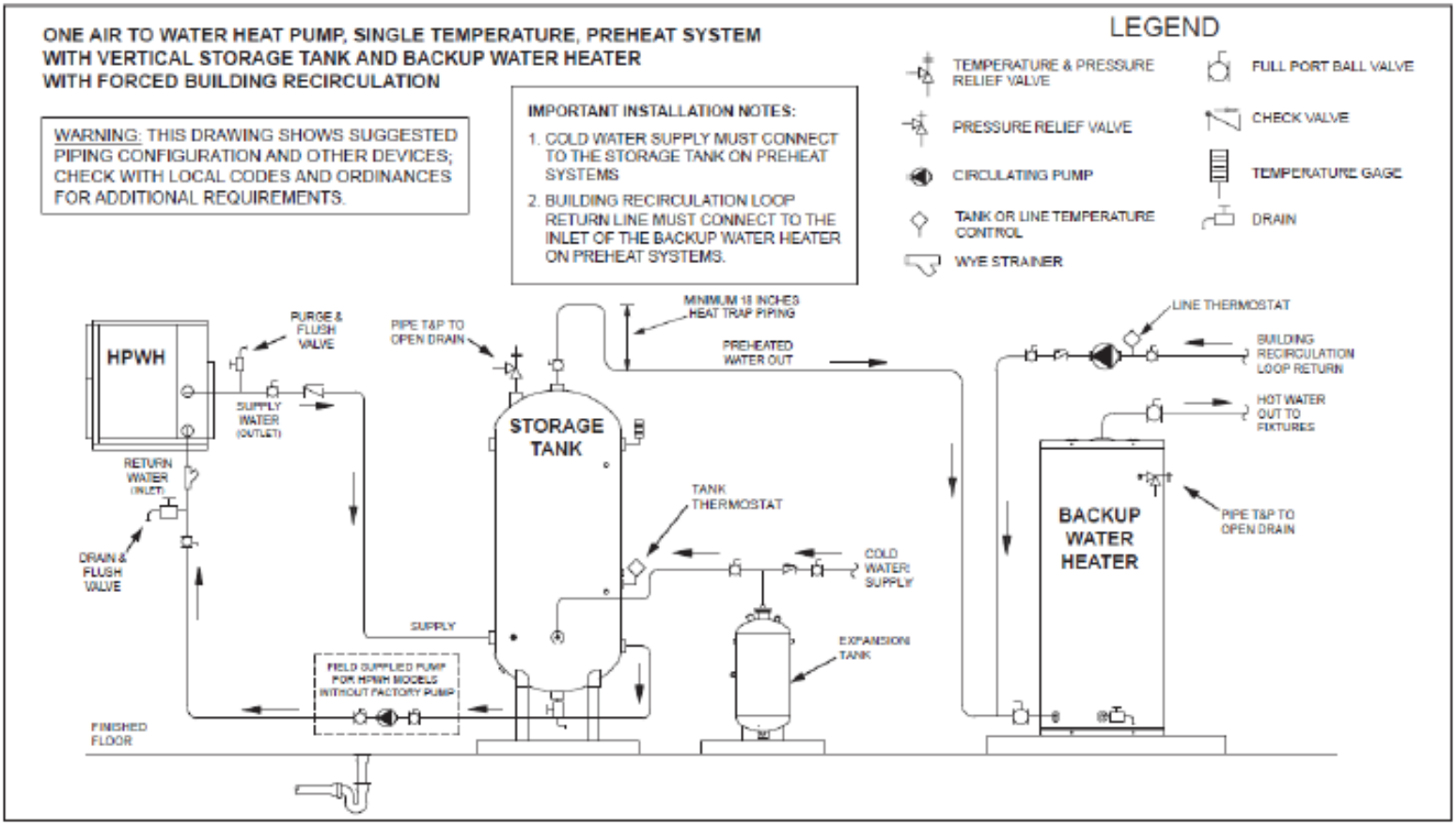


ONE AIR TO WATER HEAT PUMP, SINGLE TEMPERATURE, PREHEAT SYSTEM WITH VERTICAL STORAGE TANK AND BACKUP WATER HEATER WITH FORCED BUILDING RECIRCULATION

WARNING: THIS DRAWING SHOWS SUGGESTED PIPING CONFIGURATION AND OTHER DEVICES; CHECK WITH LOCAL CODES AND ORDINANCES FOR ADDITIONAL REQUIREMENTS.

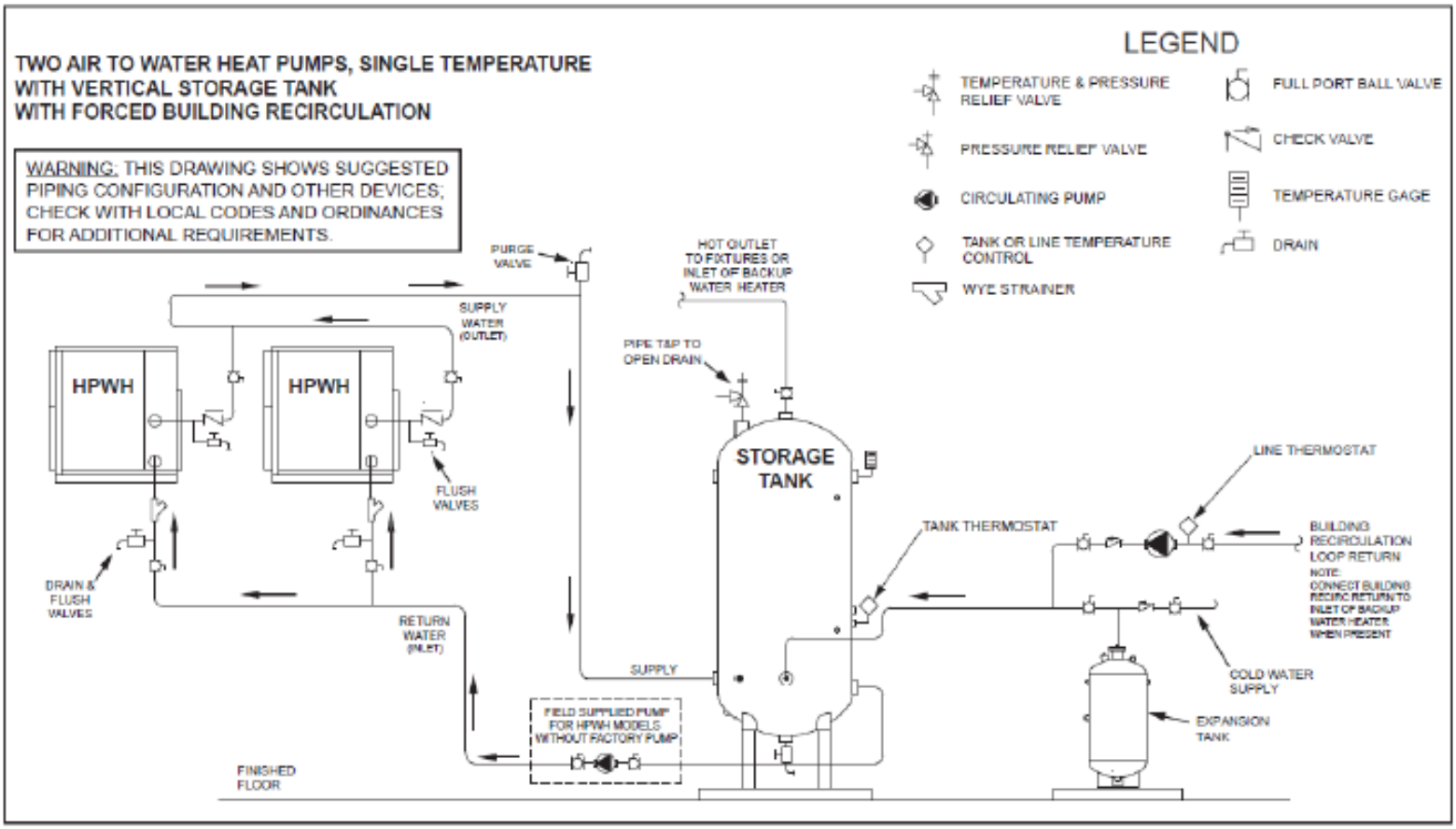
IMPORTANT INSTALLATION NOTES:

1. COLD WATER SUPPLY MUST CONNECT TO THE STORAGE TANK ON PREHEAT SYSTEMS
2. BUILDING RECIRCULATION LOOP RETURN LINE MUST CONNECT TO THE INLET OF THE BACKUP WATER HEATER ON PREHEAT SYSTEMS.



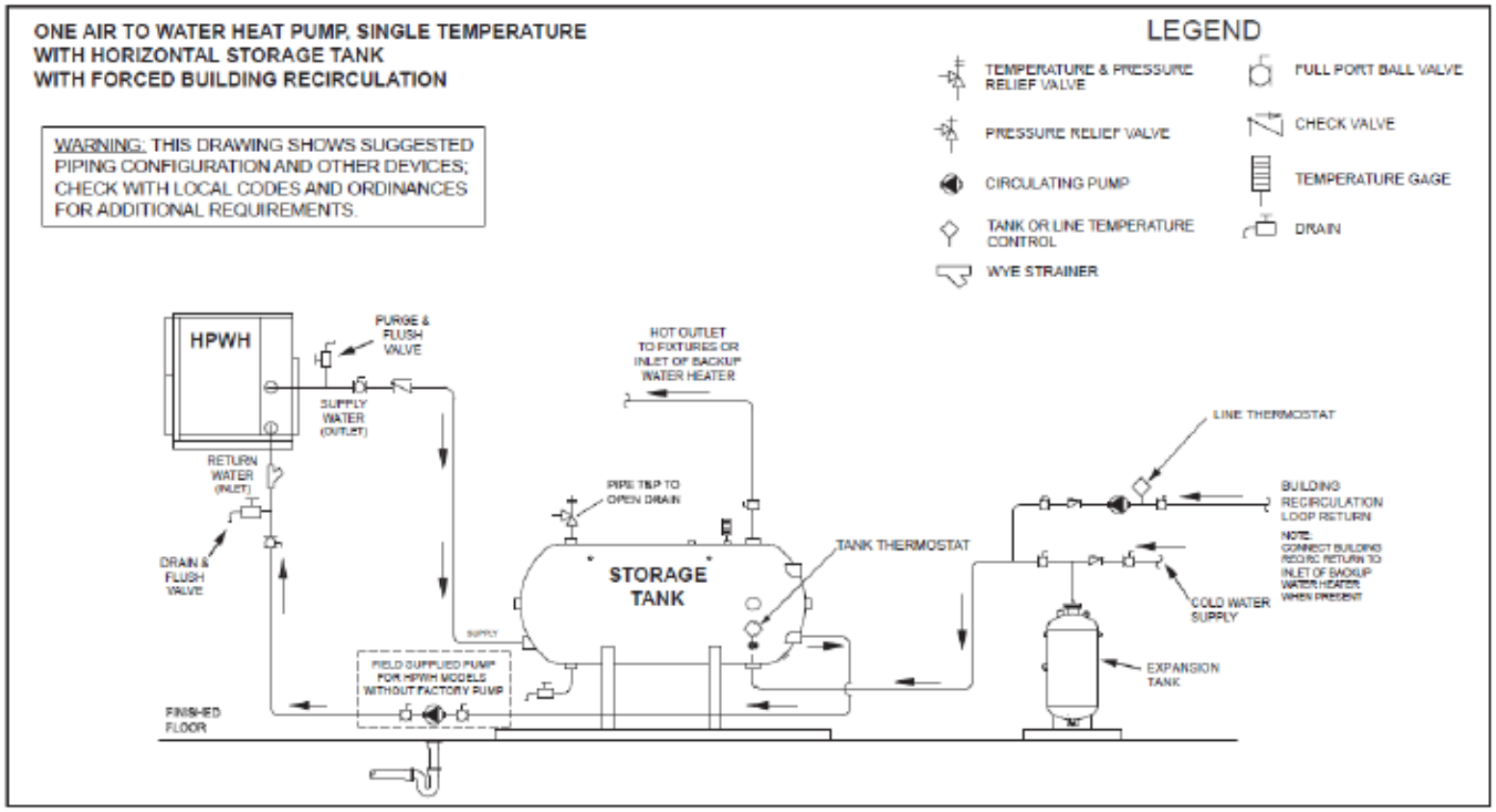
TWO AIR TO WATER HEAT PUMPS, SINGLE TEMPERATURE WITH VERTICAL STORAGE TANK WITH FORCED BUILDING RECIRCULATION

WARNING: THIS DRAWING SHOWS SUGGESTED PIPING CONFIGURATION AND OTHER DEVICES; CHECK WITH LOCAL CODES AND ORDINANCES FOR ADDITIONAL REQUIREMENTS.



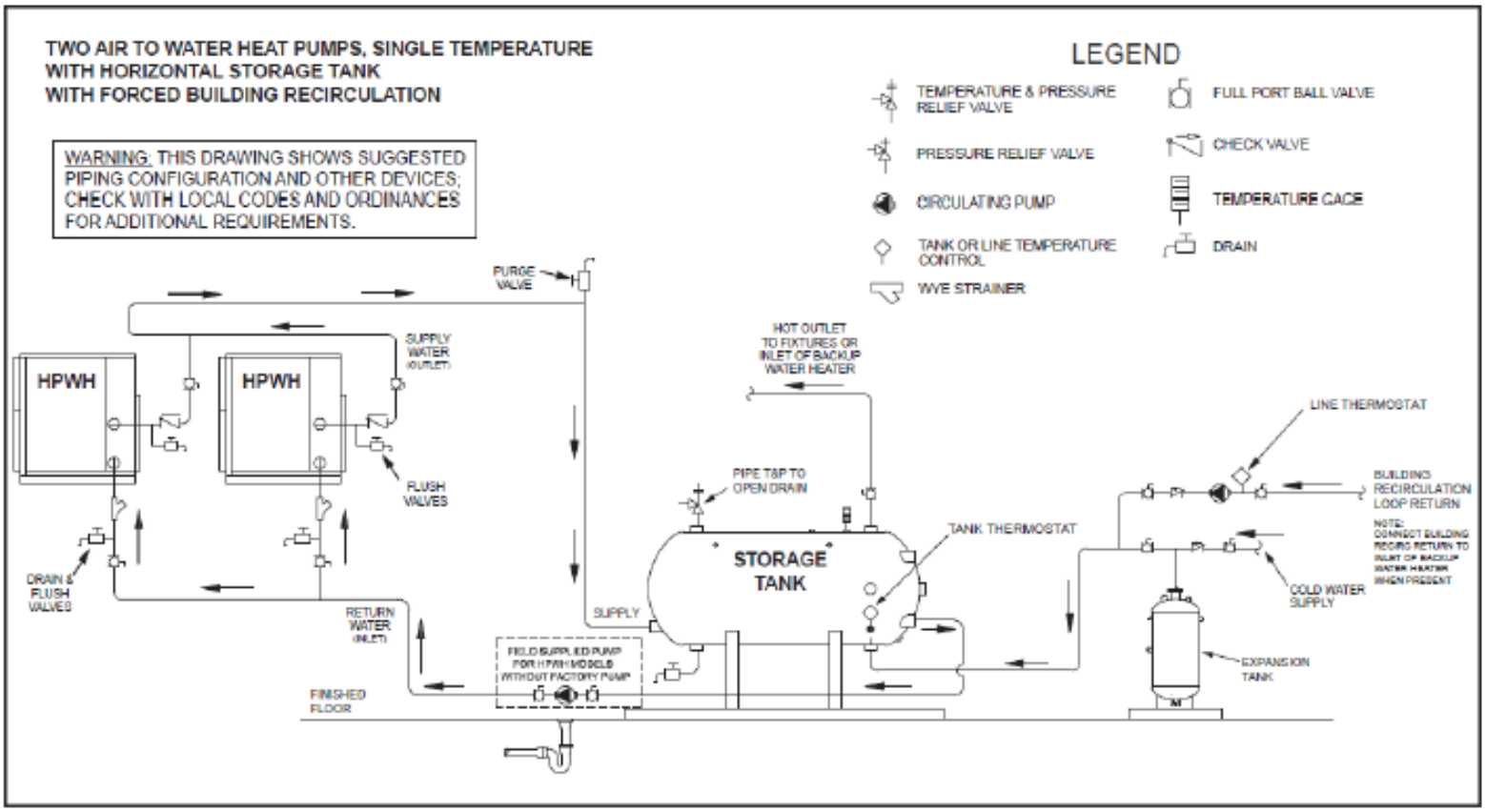
ONE AIR TO WATER HEAT PUMP, SINGLE TEMPERATURE WITH HORIZONTAL STORAGE TANK WITH FORCED BUILDING RECIRCULATION

WARNING: THIS DRAWING SHOWS SUGGESTED PIPING CONFIGURATION AND OTHER DEVICES; CHECK WITH LOCAL CODES AND ORDINANCES FOR ADDITIONAL REQUIREMENTS.



TWO AIR TO WATER HEAT PUMPS, SINGLE TEMPERATURE
WITH HORIZONTAL STORAGE TANK
WITH FORCED BUILDING RECIRCULATION

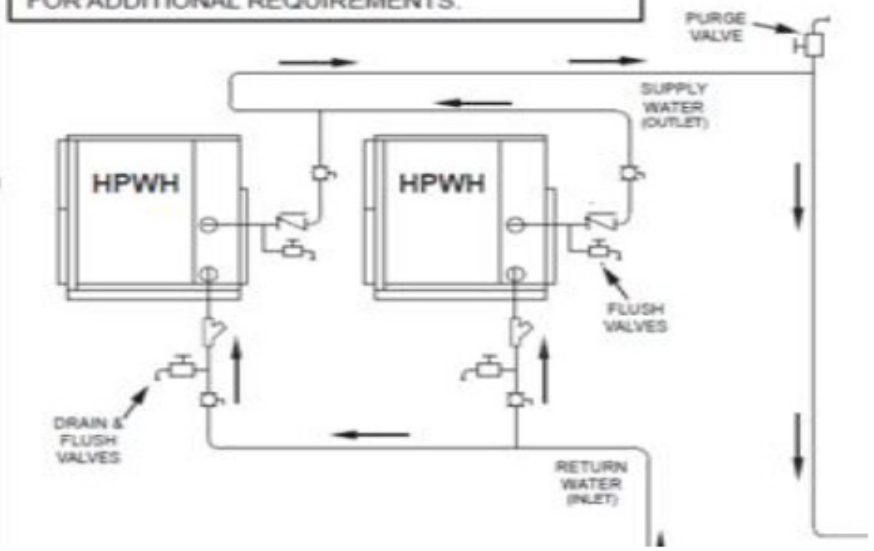
WARNING: THIS DRAWING SHOWS SUGGESTED PIPING CONFIGURATION AND OTHER DEVICES; CHECK WITH LOCAL CODES AND ORDINANCES FOR ADDITIONAL REQUIREMENTS.



Combined Air to Water Set Up Sample

TWO AIR TO WATER HEAT PUMPS, SINGLE TEMPERATURE WITH VERTICAL STORAGE TANK WITH FORCED BUILDING RECIRCULATION

WARNING: THIS DRAWING SHOWS SUGGESTED PIPING CONFIGURATION AND OTHER DEVICES; CHECK WITH LOCAL CODES AND ORDINANCES FOR ADDITIONAL REQUIREMENTS.



ONE AIR TO WATER HEAT PUMP, SINGLE TEMPERATURE, PREHEAT SYSTEM WITH VERTICAL STORAGE TANK AND BACKUP WATER HEATER WITH FORCED BUILDING RECIRCULATION

WARNING: THIS DRAWING SHOWS SUGGESTED PIPING CONFIGURATION AND OTHER DEVICES; CHECK WITH LOCAL CODES AND ORDINANCES FOR ADDITIONAL REQUIREMENTS.

IMPORTANT INSTALLATION NOTES:

1. COLD WATER SUPPLY MUST CONNECT TO THE STORAGE TANK ON PREHEAT SYSTEMS.
2. BUILDING RECIRCULATION LOOP RETURN LINE MUST CONNECT TO THE INLET OF THE BACKUP WATER HEATER ON PREHEAT SYSTEMS.

LEGEND

- TEMPERATURE & PRESSURE RELIEF VALVE
- PRESSURE RELIEF VALVE
- CIRCULATING PUMP
- TANK OR LINE TEMPERATURE CONTROL
- WYE STRAINER
- FULL PORT BALL VALVE
- CHECK VALVE
- TEMPERATURE GAGE
- DRAIN

