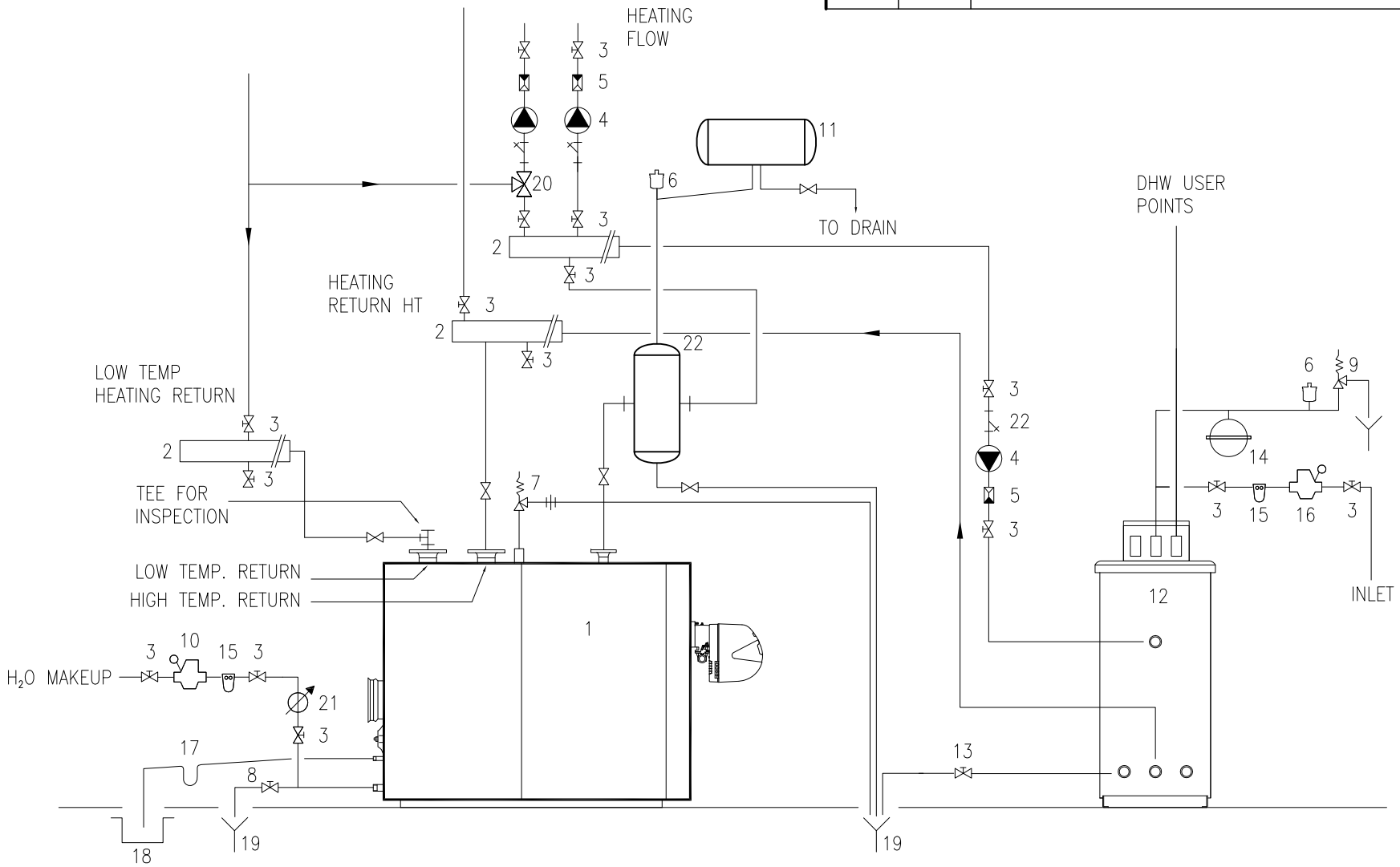
FUNCTIONAL LAYOUT – 4 – DIRECT AND MIXED SYSTEMS WITH DOMESTIC HW OPTIONAL

REV.	DATE	DESCRIPTION



1 – Boiler
2 – Heating system manifolds
3 – Isolating valves
4 – Pump
5 – Non–return valves
6 – Automatic vent valve
7 – Boiler safety valve
8 – Boiler drain cock
9 – Storage heater safety valve
10 – Heating system filling valve, pressure regulator and RPBFP
11 – Heating system expansion valve
12 – Remote storage cylinder
13 – Storage cylinder drain cock
14 – DHW circuit expansion vessel
15 – Water softener/filter
16 – Pressure reducer
17 – Siphon
18 – Condensate drain
19 – Drain
20 – Servo valve
21 – Water supply/top–up counter
22 – Air and Dirt Separator
HT – High Temperature
RPBFP – Reverse pressure backflow preventer Per Code

NOTE: If the heating circuit operates at a pressure greater than the working pressure of the boiler, fit a heat exchanger between the boiler and the heating system flow and return manifolds.

PAPER SIZE	USED ON	PARKER CONDENSING BOILER	PART NAME	FUNCTIONAL LAYOUT–DIRECT & MIXED SYSTEMS W/ DOMESTIC HW
A	FOR	PARKER CONDENSING BOILER		
	DR. FDL	DATE 1/17/10	PARKER BOILER CO.	SCALE CAD DRAWING
	CH.		5930 BANDINI BLVD.	DIMENSION UNITS INCHES
	APPROVED		LOS ANGELES, CA 90040	FILE DESIGNATION 205\205---
	SUPERSEDES			DWG. NO. 205 DIRECT AND MIXED SYSTEMS–LAYOUT 4.DWG