

VILLA CITRI

BASEMENT

The basement of the Villa Citri and its estate.

VILLA BASEMENT

1. VILLA FOUNTAIN

The base of the fountain in the villa's peristylum courtyard, with water pipes to keep it filled even in the dry months, and a drain valve to empty the fountain for maintenance.

2. VILLA IMPLUVIUM

The base of the villa's impluvium.

3. HEATING CALIDUCT

Heat vent brings hot air from the hypocaust to the upper levels of the villa.

4. WC SHAFT

Shaft brings waste from the lavatories to the sewers.

5. WATER WELL SHAFT

Pipes bring river water to the upper floors of the villa.

6. CELLA VINARIA

The villa's wine cellar.

7. HORREUM

A storage room.

BALNEAE BASEMENT

8. FRIGIDARIUM

The lower portion of the cold-water pool, with the pipes to bring water in and the release valves to drain it when necessary.

9. CALDARIUM

The lower portion of the hot-water pool, with the pipes to bring water in and the release valves to drain it when necessary.

10. TEPIDARIUM

The lower portion of the warm-water pool, with the pipes to bring water in and the release valves to drain it when necessary.

11. RIVER WATER PIPE

Water piped in from the river.

12. COLD WATER TANK

River water is piped to this massive tank to provide water for all of the villa's operations.

13. HOT WATER TANK

River water heated by the hypocaust is stored here to provide the villa and bathhouse's hot water needs.

14. SUDATORIUM STEAM VENT

This vent provides hot steam to the steam sauna above.

HYPOCAUST

15. PRAEFURNIUM

The wood-burning furnace used to provide hot air and water for the villa and the bathhouse.

16. FURNACE CHIMNEY

The chimney to vent the hypocaust's smoke.

17. FIREWOOD

The hypocaust naturally needs an endless supply of firewood to keep air and water hot.

18. ALVEUS

The hollow space beneath the building's floor, where hot air from the hypocaust circulates.

19. PILAE STACKS

These are the small pillars of tiles that support the raised floor above the hypocaust, creating the space for hot air to circulate.

20. COLD WATER PIPE

Pipes bring cold water throughout the bathhouse and villa.

21. HOT WATER PIPE

Water heated by the hypocaust.

22. HOT AIR PIPE

Hot air from the hypocaust used to heat the bathhouse and the villa.

23. HYPOCAUST CONTROLS

A complex series of controls allows water pipes and heating caliducts to be opened or shut as needed, either for maintenance or when warmer weather precludes the need for heated floors.

24. DRAIN VALVE

Used to drain water from pools directly into the sewers.

25. SEWERS

Stairs that descend into the portion of the municipal sewers that services the villa.