

The diagram illustrates the architecture of a computer system, organized into five main functional blocks, each with a color-coded header and a list of components and their interconnections.

I/O (Input/Output)

- Input devices:** Keyboard, Mouse, Joystick, Trackball, Touchscreen, Webcam, Microphone, Scanner, Barcode reader, Smart card reader, Biometric scanner, etc.
- Output devices:** Monitor, Printer, Plotter, Speaker, Headset, Braille display, etc.
- Communication devices:** Modem, Network interface card, etc.

CPU (Central Processing Unit)

- Processor:** Intel Core, AMD Ryzen, etc.
- Cache:** L1, L2, L3
- Bus:** Front-side bus, System bus, etc.
- Chipset:** Northbridge, Southbridge, etc.
- BIOS/UEFI:** Basic Input/Output System/Unified Extensible Firmware Interface

Memory

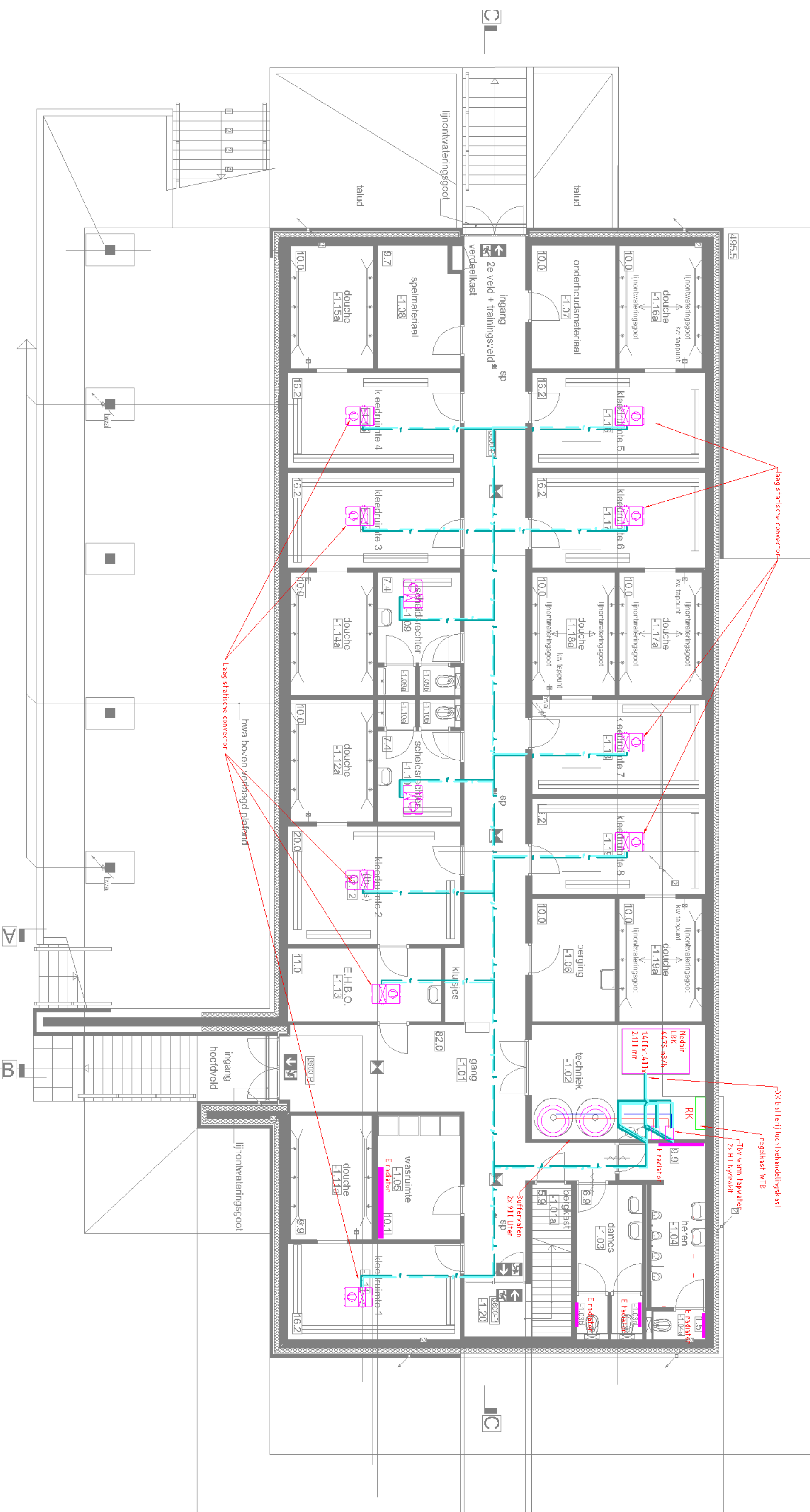
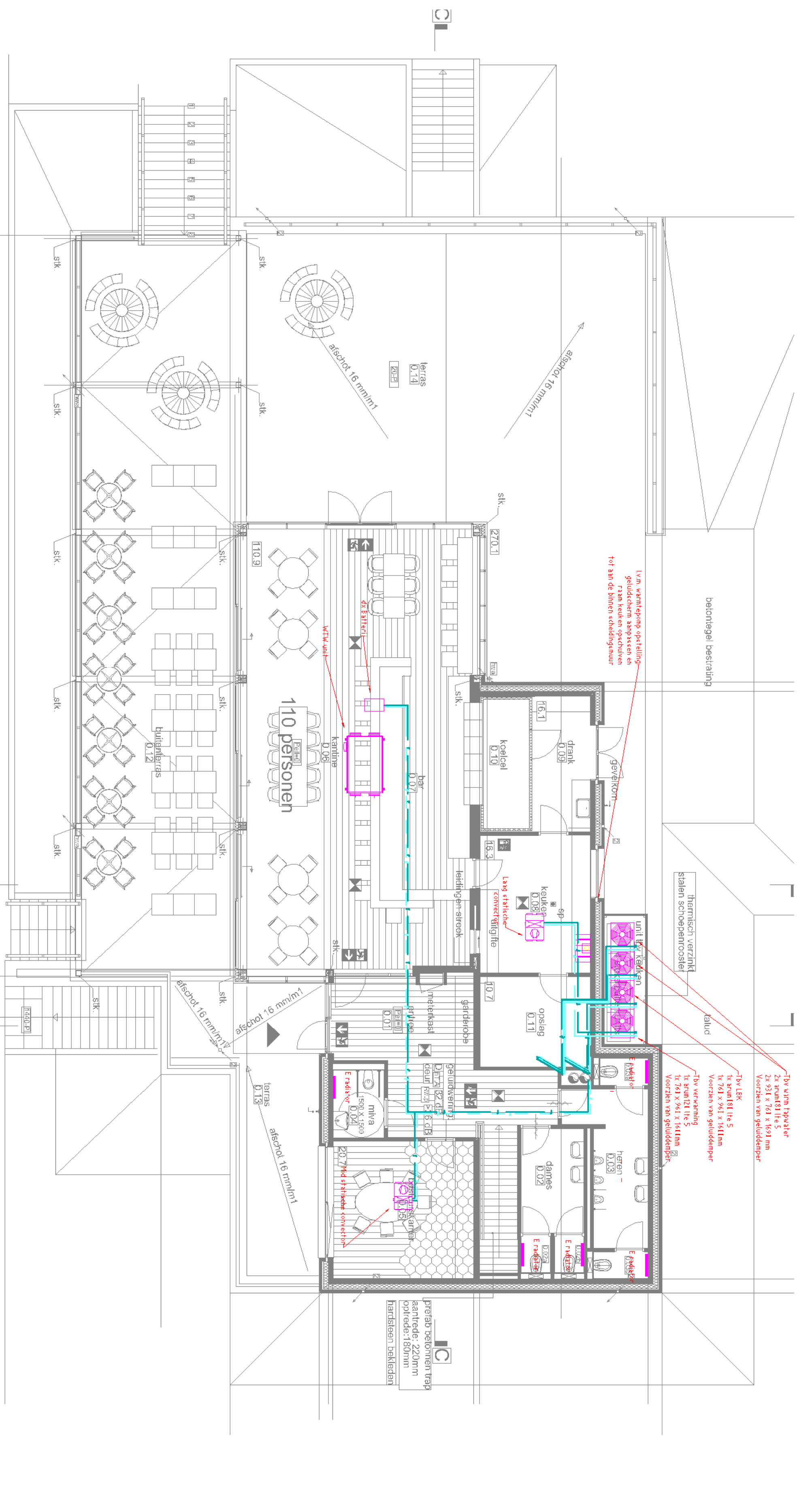
- RAM (Random Access Memory):** DDR4, DDR5, etc.
- Cache:** L1, L2, L3
- Storage:** Hard drive, SSD (Solid State Drive), etc.

Storage

- Hard drive:** HDD (Hard Disk Drive), etc.
- SSD (Solid State Drive):** SATA, NVMe, etc.
- Optical drive:** CD-ROM, DVD-ROM, Blu-ray, etc.
- Flash storage:** USB drive, SD card, etc.

Network

- Network interface card:** Ethernet, Wi-Fi, etc.
- Router:** Network router, etc.
- Switch:** Network switch, etc.
- Modem:** Cable modem, DSL modem, etc.



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