



University of Colorado at Boulder
Department of Facilities Management

Mechanical Engineering Division

Schematic-Design Document Requirements Mechanical

Narrative

Narrative description of the proposed mechanical systems.

Plumbing & Piping

1. Restroom locations.
2. Piping risers.
3. Location of water, sanitary sewer, storm sewer and sprinkler services to the building.
4. Tentative fixture schedule.
5. Location, sizes and types of water heaters, heat exchangers, and flues if required.
6. Provide a fixture-count calculation sheet.

HVAC

1. HVAC load calculations.
2. Equipment schedules with tentative sizes, capacities, features, etc.
3. Mechanical-room drawings, showing locations and sizes of fans, and if possible, pumps, compressors, heat-exchangers, etc..