

Reorganizing Use of Library Space to Meet Changing Needs

Architectural Issues in Reorganizing Use of Space



Columns

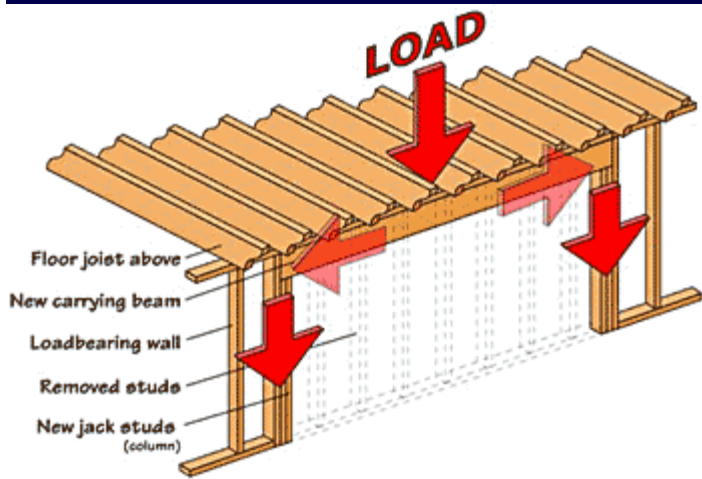
- Cannot be moved

Load Bearing Wall

- Can Sometimes be Moved but Costly

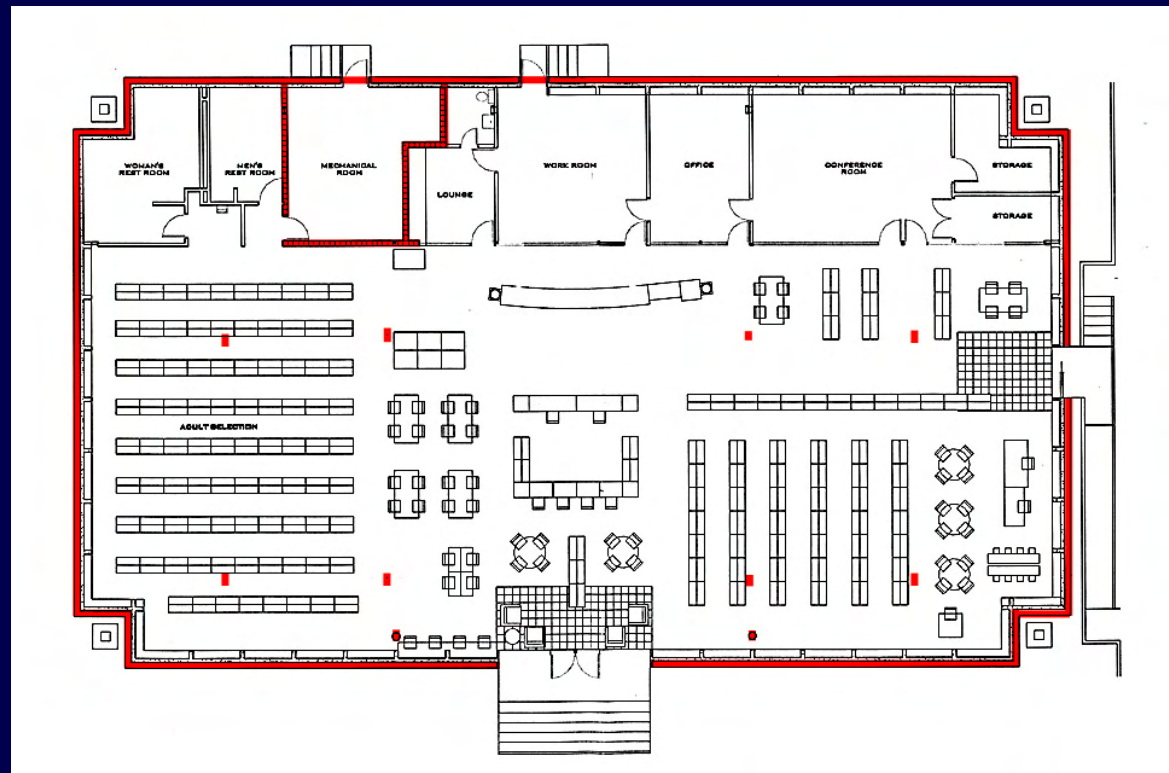
Non-Load Bearing Wall

- Can easily be removed



Architectural and Structural Limitations:

- Columns and Walls
- Requires Structural Analysis



Best Scenario:

- Few Columns and No Load Bearing Walls
- Good Flexibility to Reorganize Space



Floor Materials, Patterns and Finishes



Ceiling Materials, Patterns and Finishes



Ceiling Equipment

- Lighting
- HVAC
- Fire Protection
- Acoustical



Lighting

- Reorganization may require lighting revisions
- Lighting levels dictated by building codes & standards
- Sometimes existing lighting layout is adequate
- Existing specialized / task lighting needs review
- New specialized / task lighting can enhance where extra light is needed or define new spaces or new uses.



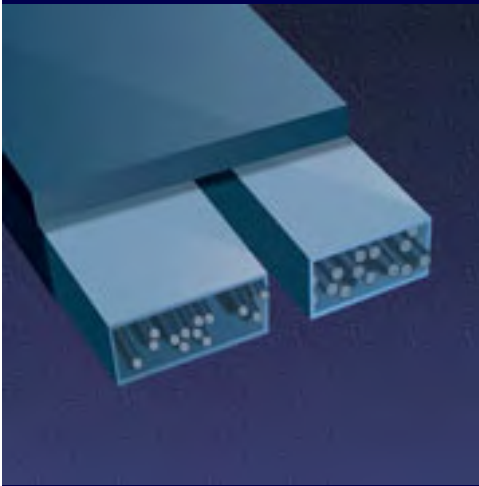
Heating, Ventilation and Air Conditioning (HVAC)

- Reorganization may require HVAC revisions
- Changes in walls will probably require HVAC work
- Open space reconfiguration usually does not require HVAC work



Electrical

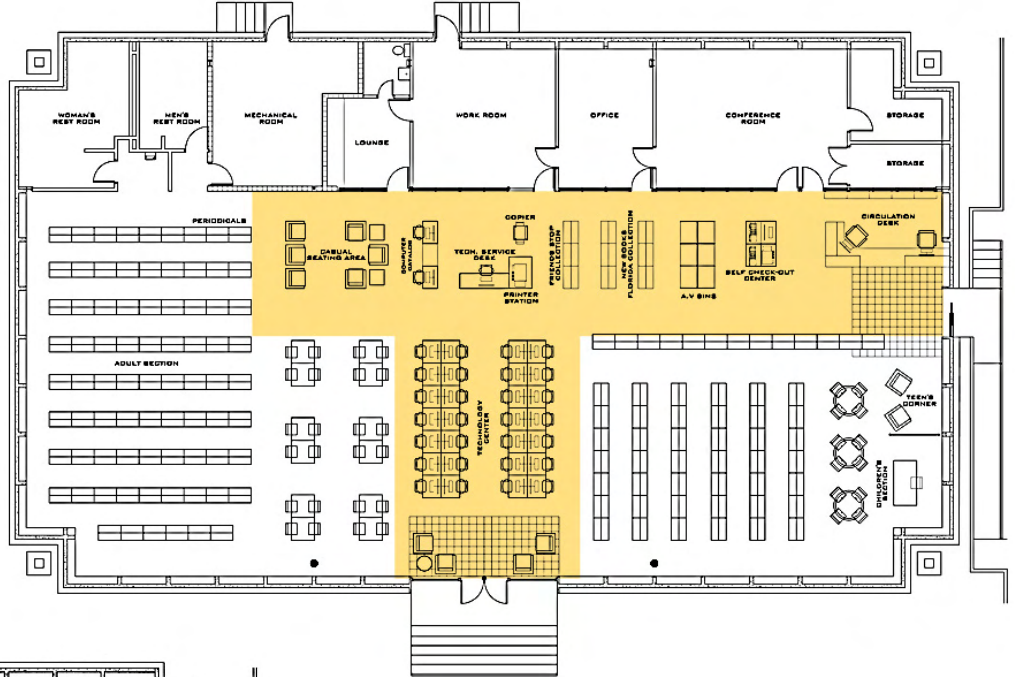
- Reorganization usually requires electrical revisions
- Majority of existing libraries lack adequate electrical
- If making electrical changes, plan for future use needs



Technology

- Adding new technology is a major reason for reorganization of a library
- Technology (and its requirements) are always changing
- Plan for future technologies during your reorganization to allow your facility to adapt more easily





Existing

