







## Memory Organization

## **Drum Stores**



Each drum stored 24,576 words (x4 drums = 98,304 words) First track of each drum contained absolute locations of stored blocks.

> \*A drum is a large metal cylinder that is coated on the outside surface with a ferromagnetic recording material. It is, simply put, a hard disk platter in the form of a drum rather than a flat disk.

## Subsidiary store

Used to retain the locations of all blocks that are placed on the drums. In writing a page onto a drum, the block location is stored with the block itself. When loading the page back into the core, the block location is also reloaded. This provides redundancy for the block locations being loaded, and prevents an incorrect block from being loaded into the core.



















