



FIGURE 8. ARUNDEL MILLS SMOKE CONTROL SYSTEM CONCEPT N.T.S.

- UNRESTRICTED BY TENANT PARTITIONS AND CORRIDOR WALLS, HOT SMOKE AND GASES ARE MORE DILUTED AND COOLED AS A RESULT OF MOVEMENT THROUGHOUT THE LARGE UPPER VOLUME OF THE BUILDING.
- A HIGHLY CAPABLE AND RELIABLE SPRINKLER SYSTEM WITH OVERDESIGN FEATURES TO ASSURE PROMPT FIRE CONTROL AND MINIMIZE SMOKE GENERATION.
- BUILDING GEOMETRY PROVIDES INHERENT PASSIVE BENEFICIAL EFFECT ON HAZARDOUS SMOKE CONDITIONS AND ALLOWS FOR AMPLE ESCAPE TIME WITHOUT THE NEED FOR MECHANICAL SMOKE EXHAUST SYSTEM.
- AUTOMATIC SMOKE CLEANUP FANS WILL BE PROVIDED AT OR NEAR THE ROOF OF MAINSTREET.