

ROCKY MOUNTAIN VAULTS & ARCHIVES LTD.

INTRODUCTION

With ever increasing demand for safe storage space for valuable documents, artifacts, etc., concerning business and personal welfare, it became quite obvious to the founders of R.M.V. & A. that a most suitable place which could provide positive, permanent safety against all hazards, both natural and man-made, could be found within a short 50 miles of Calgary. This formidable structure which provides constant, ideal temperature and humidity as well as perfect safety against all hazards, is Mount McGillivray in the Canadian Rockies. Space to suit individual needs can be provided by means of excavating cavities in the heart of the mountain, making safety and permanence unquestionable. Unlike the underground storage space in the State of Kansas, U.S.A., which is offered for similar commercial purpose, with entrance via vertical shaft and elevator system, R.M.V. & A. offers a walk-in type of entrance, independent of mechanical aids and high enough above the valley floor to ensure against flood waters and heavier-than-air gases.

LOCATION

Mount McGillivray is located on the Trans Canada Highway, fifty miles West of Calgary on the South side of Lac Des Arcs. The area is serviced by two highways and the C.P.R. with a large tract of flat land a short distance to the East, making the location accessible by any means of transportation. R.M.V. & A. holds a lease on 127 acres of Mount McGillivray with an agreement that the remainder will be reserved for future development if it is found necessary.

CONSTRUCTION

The entrance, or portal will be situated in such a location as to be safe from snow slides, and about 100 feet above the valley floor. This will lead to an 8' x 10' entrance tunnel for 200 feet to the storage vault area.

Topography at this point is such that within 100 feet of the portal there will be an overhead coverage of solid limestone 500 feet in thickness. Minimum roof thickness at the storage area is 600 feet, which is 200 feet back from the portal. Vaults will be excavated to a height of 10 feet, floor dimensions will be 8' x 16', 20' x 20', and 10' x 30', giving the customer a choice best suited to his purpose and economy.

An 8 ft. thickness of natural rock will separate the vaults. No interior finishing other than white paint is anticipated, except by special order. Vault floors will be finished with slab concrete as will the tunnel floor. Lighting and air control will be provided in the initial plan.

Steel walk-in type doors will be provided in the 8' x 16 and 20' x 20' vaults. A 3 ft. thick reinforced concrete sliding door will be installed approximately 150 feet from the portal.

ABSOLUTE SECURITY FOR VITAL RECORDS

The main security is, of course, guaranteed by the mountain itself, as the portal is the only means of access. The portal will be alarm-controlled. Even if would be intruders entered the portal, further entrance would be barred by the reinforced concrete door, 150 feet up the tunnel, also alarm-controlled. Bonded personnel on twenty-four hour duty will provide the human security.

Entrance will be permitted only to approved personnel with identification cards issued by R.M.V. & A. The overall security enhances chances of survival in the case of a nuclear war. Therefore, the long range outlook is for not only storage vaults but quarters for key personnel.

GEOLOGICAL DESCRIPTION

An on-site study of the entire area which was made by a professional geological engineer reveals that the proposed project will be entirely within a 900 ft. thick bed of limestone, which is overlain with several hundred foot thicknesses of sedimentary rock. No underground water is anticipated.

GENERAL OPERATING STANDARDS

1. Around the clock security by either manned or other nationally accepted systems.
2. Emergency operating power will be available.
3. Temperature and humidity will be controlled to accepted ranges.
4. Full compliance with Department of Mines & Minerals and other regulating agency standards.
5. Public Liability, Public Damage, and Fidelity Insurance and maximum security clearance on all operating personnel will be maintained at all times.
6. Basic communications plus secondary emergency communications will be provided.
7. All reasonable protection against ground level hazards will be maintained at all times.
8. Professional records service will be available.