

## Exhibit H

### 905 Review Procedure and Submissions for Major Subdivision, Preliminary Plan

#### B. Submissions

##### 3. Minimum Water Supply Standards for Fire Suppression Operations

###### b. Underground Cisterns

i. The cistern shall be constructed when the first house within the subdivision is started.

ii. The cistern shall be inspected by the Fire Department and CEO to ensure the correct storage capacity unit is installed to the standards of the Ordinance and/or Planning Board, fire department requirements.

iii. The cistern shall be tested by the fire department before it is covered with fill. If a cistern is covered before the fire department can inspect, a vacuum test must be done by the owner and must pass to be compliant with the Ordinance. The applicant must fill the cistern to comply with the Ordinance. Documentation of passing the test must be provided to the Fire Chief and Code Enforcement Officer within five (5) days of the test.

iv. The cistern shall be inspected and tested and ready for use before the first house within the subdivision receives a home occupancy permit.

v. All fire cisterns for new development shall be vacuum tested by a third party using approved testing equipment.

vi. The cistern shall hold 10"hg vacuum for a period of no less than two (2) minutes. A drop of 0.5" or less in the mercury reading shall be considered a passing test. All tests exceeding a drop of 0.5" hg shall be considered a failing test and the contractor will need to re-seal all joints and re-test at the contractor's expense. The Town of Pownal or its designee reserves the right to witness the test and shall be provided with a copy of the test results in writing from the third party testing contractor.

vii. A minimum storage capacity of 10,000 gallons shall be provided for a subdivision containing 5 lots. They shall be constructed of concrete or fiberglass and shall be buried fixtures. If there are more than 5 lots additional storage of 2000 gallons per lot or principal building shall be provided. The Planning Board and Fire Chief may require additional storage capacity upon a recommendation from the Fire Chief that such additional capacity is necessary due to the specific conditions of the subdivision.

viii. Hydrants or other provisions for drafting water shall be provided to the specifications of the Fire Department. Minimum pipe size connecting dry hydrants to cisterns shall be 8 inches with a 6 inch hose connector. The cistern must also be provided with a 4 inch fill port and an appropriate size vent pipe.

| xiii. The dry hydrant shall be located so that fire trucks may connect to the hydrant by means of one 10 foot section of hard suction hose.

| xiv. The applicant shall be responsible for the maintenance of the fire protection water supply for a period of one year following its installation and shall be responsible for any improvements determined to be necessary by the Fire Chief during this period to provide the required storage capacity and flows.

| xiv. Where the dry hydrant or other water source is not within the right-of-way or existing street and easement to the town shall be provided to allow access for use and maintenance. A suitable access way to the hydrant or other water source shall be constructed to the same standard as the subdivision road. The area within 37.5 feet each side of the hydrant, parallel to the road and extending to the roadway shall be kept clear of all obstacles and shall be posted "NO PARKING, FIRE LANE".