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SOMERS FIRE & RESCUE
7511-12th Street
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Dry Fire Hydrant Requirements

A dry fire hydrant may be required at the request of the fire chief (local AHJ) for all new construction projects. The installation of a dry fire hydrant may be required for any of the following reasons but not limited to:

- No municipal water supply
- Municipal water supply does not meet minimum fire flow requirements for calculated fire flow of proposed building
- Municipal water supply does not meet minimum requirements for fire protection system
- Occupancies containing high hazard storage or process
- Occupancies with high risk to life safety

Review Process and Hydrant Requirements

- Select an approved Wisconsin DNR dry hydrant design
- Shall submit for approval to The Wisconsin DNR a dry hydrant plan, once approved by the DNR the plan shall be submitted to Somers Fire Department for review.
- Provide Somers Fire Department a dry hydrant construction plan containing the following items:
 - Site Plan
 - Type of planned hydrant
 - Material list
 - Average pond depth
 - Signage on site to locate hydrant
 - Physical protection on either side
 - Fire department access/pumper pad
 - 6" NST female connection
 - Pipe sized to provide a minimum of 1500 GPM
 - No greater than 8ft from hydrant connection to pumper pad

Testing and Inspection

- Upon completion of project, the contractor shall schedule a hydrant test a min of 3 business days prior to test
- Inspect to verify system is installed per submitted plans with no unapproved changes
- Verify correct connections (6in NST female connection)
- Perform a minimum of 10 min flow test to determine minimum GPM can be achieved

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