



Department of Permitting Services
 255 Rockville Pike, 2nd Floor
 Rockville, MD 20850-4166
 Phone: 311 in Montgomery County or (240)777-0311
 Fax: (240)777-6262
<http://www.montgomerycountymd.gov/permittingservices>



ePlans Sprinkler Submittal Checklist

Plans Submittal Information

TYPE OF PERMIT:

SPRINKLER

Number of Sprinklers

STANDPIPE SYSTEM

Number of standpipes

Added hose valves

FIRE PUMP

Type:

Electric

Variable Speed Electric

Diesel

Size:

Capacity Shown

Boost pressure shown

Churn Pressure (including factory curve)

Layout

Configuration, sizing, system components, backflow preventer location, valves shown per NFPA 20 and Montgomery County

LICENSE NUMBER _____

Signature Stamp (P.E. or NICET II for Residential and P.E. or NICET III for commercial)



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TYPE OF REVIEW: Check One

- Fast Track (5,000 sq.ft. or less with no hydraulic calculations)
- Single story plans that cover greater than 5000 sq.ft. with hydraulic calculations
- Multi-story plans with hydraulic calculations

OVERTIME REVIEW

- Check for Overtime Review

DETAILED EXPLANATION OF WORK:

General Submittal Requirements

DRAWINGS:

- Project Name and Address
- Project Owner's Name, Address, Phone Number, E-mail & Contact Person
- Building Permit Number (if applicable)
- Contractor's Name, Address, Phone Number, E-mail & Contact Person
- Symbols & Abbreviation List
- Occupancy of All Rooms/Areas (Separate List Key W/Room Numbers Not Permitted)
- Location of all rated walls and doors
- Ceiling construction and height
- Full height cross section with elevations above sea level (if applicable)
- Parking space layout for garages with standpipe systems. Hose reach measurements measured at right angles
- Minimum 1/8"=1'-0" scale

SITE PLAN:

- To scale or dimensioned
- Size, type and arrangement of feed mains
- Test point, water supply and high/low gradient information shown
- Sea level elevations for supply point and building shown
- Point of compass shown
- Location of Fire Department Connection shown within 100' of nearest hydrant(s).



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WATER SUPPLY INFORMATION: (check one)

- New Tap- WSSC Hydraulic Information Sheet Included
- Existing Underground From Public Supply – Interior flow test adjusted to low hydraulic gradient provided
- New or Existing on Private Service Main – Flow test adjusted for low hydraulic gradient provided on plans
- Fire pump test reports within 1 year old (if applicable)
- Existing pipe scheduled systems – Water supply graph vs system demand graph provided. End head pressure, elevation loss and backflow prevention device loss shown

CALCULATION DESIGN AREA SHOWN ON DRAWINGS: (if applicable)

- Remote area boundaries shown
- Room design method or irregular areas not meeting 1.2 x sq. root requirement shown
- Ratings of walls and doors shown
- Calculated areas labeled and coordinated with the calculation cover sheet

HYDRAULIC CALCULATIONS: (if applicable)

- Information shown in the hydraulic calculations in accordance with NFPA 13

NOTES ON PLANS:

- Number of sprinklers shown on legend/sprinkler symbols list
- Sprinkler symbol, make, model, orifice, temperature rating and SIN# shown
- Dry system capacity
- Pipe type
- System design criteria
- Sprinkler coverage
- Hanger details
- Tenant notes shown on plans in accordance with the Montgomery County Submittal Requirements handout (if applicable).

SUPPORTING DOCUMENTS:

- WSSC Hydraulic Information Sheet (HIS) provided (if applicable)
- Catalog cut submittals of equipment to be used provided
- Fire pump and jockey pump cuts provided (if applicable)
- Backflow Preventer cut sheets and friction loss table provided (if applicable)