



## DUETTE FIRE RESCUE DISTRICT

### Fire Sprinkler Check List

To assist you with the plans review, this check list contains the **minimum** requirements for reviewing Aboveground/Underground Fire Sprinkler Plans. Additional information, details and/or requirements maybe necessary for a complete review. The requirements of the **Florida Administrative Code (FAC) Chapter 61G15-32** shall be the minimum requirements for plan submittal with regards to fire protection documentation and design of water based fire protection systems.

Florida State Statue (FSS) 633.521 allows for a licensed contractor (I, II or IV) to design systems 49 heads or less. Drawings shall be reviewed by the Engineer of Record for approval prior to submittal. Fire Protection drawings shall be signed and sealed as required per the FBC.

#### Underground

- Four sets of plans shall be provided at the time of submittal along with a Duette permit application. Include the Building Departments master permit number if it applies. Shop Plans shall match the Approved Site Plan.
- Plans shall be 24" x 36" in size.
- Plans shall include project name, address, city, state and zip.
- The sprinkler contractor's name, address, city, state, zip, and phone number shall be located on the plans.
- Plans shall have a directional compass and key plan as required. Pages shall be sheet numbered.
- Plans shall denote any revisions.
- Plans shall identify devices, pipe size(s), tees, valves, valve indicators, backflows, FDC and hydrants. (A fire hydrant shall be within 50' of the FDC)
- Provide highlighted cut sheets for all materials used for the underground.
- Size, location and pipe arrangement for the fire department connection.

#### Aboveground

- Four sets of plans shall be provided at the time of submittal along with a Southern Manatee permit application. Include the Building Departments master permit number if it applies. Provide scope of work.
- Plans shall be 24" x 36" in size.



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- Plans shall include project name, address, city, state and zip.
- The contractors name, address, city, state, zip, and phone number shall be located on the plans.
- Plans shall have a directional compass and key plan as required. Pages shall have sheet numbers.
- Show a full height cross section and/or ceiling heights and slopes not shown on the full cross section.
- Location of partitions, walls, fire walls and identify the occupancy of each room.
- All pipe size, length, spacing of hangers, location of heads, riser (components), sleeves, braces, water main and connection shown on plans.
- Total number of heads to be installed including type(s).
- Cut sheets including all components installed in this project, highlighted.
- Hydraulic points noted on plans with hydraulic calculation sheets and safety margin.
- Hydraulic design information along with hydraulic plate.
- Show remote area on drawings with hatch lines and node numbers.
- Standpipe systems shall be shown on drawing.
- In rack fire sprinkler system shall be shown on plans.
- Water supply treatments shall be identified and noted on plans.