FIRE SAFETY ENGINEERING

Checklist

Fire Alarm Annunciator

City of Henderson
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Fire Safety Engineering
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This checklist is provided for the convenience of our customers. Complete and accurate plan submittals help speed the plan review process. Attention to the completeness and accuracy of information at the beginning of the process generally leads to fewer delays and requests for revisions by City staff. Please use the following information to assure that your application includes all the information that is necessary for a complete review of your plans.

Part. 1 Applicant's Responsibility

Applicants are responsible for ensuring applications submitted are complete. Incomplete applications will result in plans being rejected for acceptance or returned to the applicant during the review process. City service commitments will not apply to incomplete submissions.

Part. 2 Prerequisites

Plan Readability. Easily Read; legible; a readable typeface. Vivid contrast or difference in brightness between the light and dark areas of the drawing.

Part. 3 Applicable Codes

Plans shall meet the requirements of the adopted codes, ordinances and regulations.

Part. 4 Submittal Package

Provide the following information at the time you submit your application for a fire alarm annunciator permit.

- ☐ Plans (1 Digital Set).

Part. 5 Plan Contents

Plans must contain the following minimum content requirements. This list is not intended to be all inclusive of every detail required on a set of Annunciator plans. Rather, it is provided to give an overview of the basic plan contents needed for the review of plans.

- ☐ 1. Project Name.
- ☐ 2. Project Address.
- ☐ 3. Fire Protection Contractor's Name, Address, Phone #, and Fax #.
- ☐ 4. Signature of the NICET Level II, III, or IV designer or Professional Engineer (Fire or Mechanical) and signature of the Qualified Individual. For plans prepared by NICET designers, the designers printed name and certificate number shall follow the signature. (digital copies accepted)
- ☐ 5. Scale of All Drawings Graphically Indicated. (Preferred Scale 1:1)
- ☐ 6. Henderson General Notes for Alarm Systems.
- ☐ 7. Design criteria list showing code editions used.

Part. 6 Checklist

- ☐ 1. The maximum panel height is 6'-6".
- ☐ 2. Color graphic annunciator on white board panel background

- ☐ 3. Colors correlated between floor(s) and key plan. (When multiple buildings are represented on the graphic it may be helpful to show each building in a different color. If this is done each floor plan of the building should use the same color. Different sprinkler zones on a floor in the same building should use similar shades of the same color)
- ☐ 4. Panel title showing the project name, facility name or site name as appropriate and a heading similar to the following: "FIRE ALARM ANNUNCIATOR".
- ☐ 5. Status box (subdivided into sections)
    - a. General STATUS annunciation
        - ☐ Power on Light Emitting Diode (LED) (Green)
        - ☐ Alarm LED (Red)
        - ☐ Trouble LED (Yellow)
    - b. Alarm initiating devices
        - ☐ Complete list of all alarm devices with a RED or YELLOW LED for each device (e.g., Smoke, Heat, Waterflow, Valve Tamper, Other Suppression System)
    - c. Operational sequence
        - ☐ A narrative description of each different color/type of LED used and it's intended operation meaning (e.g., Red LED's indicate an alarm condition)
    - d. Symbol LEGEND and abbreviation list
        - ☐ Symbols and descriptions
        - ☐ Acronyms and abbreviations cross-referenced to complete word
- ☐ 6. Lamp test switch (momentary contact type located at the top of the panel)
- ☐ 7. Manufacturers / Contractors Logos
- ☐ 8. Key plan (When the site graphic is not shown on this Annunciator)
- ☐ 9. Floor plan(s)
    - ☐ Drawn to a minimum 1/16" scale
    - ☐ Detailed floor plan(s) (architectural floor plan) showing rooms, corridors, doors, stairs, etc (roof areas, void areas, areas open to other floors and similar spaces shown in a light shade of gray or silver) (sprinklered attic areas hatched) (show parking areas within parking garages in a shade of gray)
    - ☐ Use a solid color overlay to graphically represent the area covered by each sprinkler zone (coordination with sprinkler contractor is required)
    - ☐ It is recommended that when multiple buildings are represented on the graphic the same color (or shade of color) should be used for the same building
    - ☐ Use similar shades of the same color to differentiate sprinkler zones on a floor of the same building
    - ☐ Provide a Alarm RED LED for each sprinkler zone (typically shown within the zone, when it is not within the zone the label and the led shall be within a box provided with a leader to the zone)
    - ☐ Show roof manifold(s) with symbol (add text describing how to access the manifold if it is not easily discernable)

- ☐ Show standpipe(s) using the NFPA 170 standpipe symbol
- ☐ Show automatic sprinkler control valve locations using the NFPA 170 symbol (and text describing the system controlled at the location)
- ☐ Show exterior access doors using the NFPA 170 symbol
- ☐ Label each floor in a color and larger font than other used by other text
- ☐ Label common reference points
  - ☐ Fire command center (larger font, different color than other font)
  - ☐ Sprinkler riser rooms
  - ☐ Stairs (show using a solid color fill using a different color, all stairs the same color). Identify which stairs have roof access and which stairs do not have roof access. Stair numbers shall match the permanent stair numbering
  - ☐ Elevators & elevator lobbies (show using a solid color fill using a different color, all elevators the same color). Elevator numbers shall match the permanent stair numbering
  - ☐ Fire pump room
  - ☐ Emergency Generator

☐ 10. Site graphic map. This site map shall incorporate fire protection details including fire lanes, fire hydrants, post indicator valves, DCDA/RPDA's, fire department pumper connections and parking features from the approved civil improvement plans as well as architectural details including building outlines as requested