

PLAN REVIEW/PERMIT APPLICATION CHECKLIST

NORTH COVENTRY TOWNSHIP APPLICABLE CODES

Building Code	IBC	2018 & IBC 2021 Chapter 11 & Appendix "E"
Fire Code	IFC	2018
Residential Code	IRC	2018
Electrical Code	NEC	2017 (NFPA-70)
Alarm Code	NFPA 72	2016
Sprinkler Code	NFPA 13, 13D, 13R,	2016

PERMIT APPLICATION FEES

Alarm Permit	\$150.00 plus 2% of total system cost (including labor)
Sprinkler Permit	\$150.00 plus 2% of total system cost (including labor)
Fire Code Permits	\$150.00

SUBMITTALS

Two complete sets of plans and specifications & calculations.

TURNAROUND TIME

Average 1-2 Weeks

MINIMUM PLAN REQUIREMENTS

Construction documents, plans and shop drawings submitted shall contain sufficient detail for evaluation of the protected hazards and effectiveness of the system. The shop drawings for the installation of the fire protection systems shall be submitted for review and approval prior to installation of the fire protection system. All plans require NICET stamps. (minimum level 3 for residential projects. Level 4 for all others).

Plans shall be drawn to scale and shall identify by name, the designer and the owner on every sheet.

The use, name and occupancy class of all rooms and spaces shall be identified on all plans.

Mechanical, Plumbing, electrical, fire sprinkler, and alarm details shall be shown on all plans and represent the designs for those disciplines, along with other information to show clearly the nature, character, and location of the proposed work.

ADDITIONAL ALARM PLAN REQUIREMENTS

Location of ALL controls, alarm-initiating and notification appliances. (Note: All ceiling mounted appliances shall be shown on reflective ceiling plans which shall show locations of all HVHC duct grill and all illuminates.

Riser Diagram

Alarm control and trouble signaling equipment

Annunciation

Power Connection

Mounting Details

Point to point wiring

Detector spacing

Door schedule

Battery calculations (24 hour standby) (5 minute sounding)

Voltage drop calculations

(Note: At a minimum the last device on all SLC's will be tested on final inspection)

ADDITIONAL SPRINKLER PLAN REQUIREMENTS

Piping plans show ALL HVAC grillage, roof openings and luminaries. All zones shall be clearly marked.

Riser diagram labeling all components and indicating all supervisory devices.

Contractor's Material and Test Certificate for Aboveground piping.

Hangar details

System water source(s) showing location, size and required backflow prevention.

In-Rack sprinkler details

Air compressor schematic for dry pipe systems

Jockey pump schematic (if applicable)

System hydraulic analysis

Water supply analysis

Underground water service should be inspected and "approved" by North Coventry Township Water Authority prior to scheduling an inspection.

ALL FIRE ALARM SYSTEMS AND SPRINKLER SYSTEMS SHALL BE 100% TESTED BEFORE AN INSTALLATION INSPECTION CAN BE SCHEDULED. THE INSPECTION WILL NOT BE SCHEDULED UNTIL A "RECORD OF COMPLETION" IS RECEIVED.

To schedule inspections please call 610-323-1694.

Revised 3-2-2022