



1. DESIGN AND INSTALL A FIRE SUPERVISED PREACTION SPRINKLER SYSTEM FOR FREEZER AREA IN ACCORDING TO NFPA 13. THE SYSTEM SHALL SIGNAL FIRE ALARM SYSTEM ON LOSS OF AIR PRESSURE. AFTER A TIME DELAY THE DELUGE VALVE OPENS CHARGING SYSTEM WITH WATER. THIS TIME DELAY SHALL BE AS LONG AS PERMITTED BY AUTHORITIES. PROVIDE A CONVENIENCE OVERRIDE DEVICE TO PREVENT OPERATION OF DELUGE VALVE AFTER LOSS OF AIR PRESSURE. SUBMIT PRODUCT DATA, SHOP DRAWINGS AND HYDRAULIC CALCULATIONS FOR APPROVAL.
2. DESIGN AND INSTALL ACTION SPRINKLER SYSTEM FOR LOAD-OUT AND OFFICE AREAS IN ACCORDING TO NFPA 13. THE SYSTEM SHALL SIGNAL FIRE ALARM SYSTEM ON LOSS OF AIR PRESSURE. AFTER A TIME DELAY THE DELUGE VALVE OPENS CHARGING SYSTEM WITH WATER. THIS TIME DELAY SHALL BE AS LONG AS PERMITTED BY AUTHORITIES. PROVIDE A CONVENIENCE OVERRIDE DEVICE TO PREVENT OPERATION OF DELUGE VALVE AFTER LOSS OF AIR PRESSURE. SUBMIT PRODUCT DATA, SHOP DRAWINGS AND HYDRAULIC CALCULATIONS FOR APPROVAL.
3. INSTALL FIRE ALARM SYSTEM ACCORDING TO NFPA 72. THE FIRE ALARM SYSTEM SHALL MONITOR MANUAL PULL STATIONS, SPRINKLER SYSTEM SUPERVISION AND SPRINKLER DELUGE VALVE OVERRIDE DEVICE. MANUAL PULL STATIONS AND NOTIFICATION APPLIANCES SHALL COMPLY WITH THE LATEST EDITION OF NFPA 72. SUBMIT PRODUCT DATA AND SHOP DRAWINGS FOR APPROVAL.
4. SUBMIT DETAILED FIRE ALARM AND FIRE SPRINKLER PLANS TO FIRE PREVENTION BUREAU FOR APPROVAL. PLANS SHALL BE APPROVED BEFORE INSTALLATION.
5. PROVIDE 5/8" CONDUIT FROM BUILDING TO POST INDICATOR VALVE FOR MONITORING OF TAMPER SWITCH.