Medical Complex Fire Alarm System

Presented by:
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- New 4100U Fire Alarm Panel
- Stand alone or Expandable
- Replaced five obsolete Fire Alarm Panels
- Given 1962 panel, 4020 panel, Rowell 4246 and 4005 panels
Emergency Response Center

All MCM personnel are assigned an area to assist fire department to evacuate building in the event of an alarm.
- **Emergency Response Center**
- Consist of a yellow vest, radio, laminated name tag, board of location individuals reported to
- Emergency Response Center
- Name tags for vests of personnel responding to the alarm
- Fire Department Building Print included at each Command Center
- Laminated
- Point Address
- Room Location
- Assists F.D. to find the location of alarm
Honeywell EBI interfaced with fire alarm system for fan alarm status
Honeywell EBI Fire alarm status interfaced with fire alarm system
- Simplex 4190 (IMS)
- Interfaced with main panel. One location for both building Given and Rowell Point and click on any point to disable or re-enable point. Acknowledge troubles or supervisory troubles
- Fire alarm Notification Log
- Very useful, gives you a check list of Work or tests being performed and by whom, record of points taken out for future reference
4098 9714 True Alarm Photoelectric Smoke detector

- Capable of individual sensitivity for each sensor
- Sensitivity monitoring that satisfies NFPA 72 sensitivity testing requirement
- Addressable Manual Pull Station
- With Stopper II Series protective cover
- AV strobe with speaker
Beacon light when activated in an alarm condition indicate to the Fire Department location of Remote Command Centers.
Rowell ground floor
west Remote
Command Center
- Fire Department Print included at each Command Center
- Laminated print
- Program point
- Room Location
- Assists F.D. in locating the alarm location
- 4900 NAC Panel Power extender
- Extends capacity of an existing notification appliance circuit
- Duct Detectors
- At each CF Fan
- At each AC unit
- Stops fan and initiates an alarm of smoke at that location back to the Fire Alarm Panel notifying Police services and the Fire Department of the alarm
An other example of a duct detector
Laser Beam Given Dome detector three in all
Example of the Fire Alarm conduit work traversing between floor
- All interior door locks unlock in the event of an alarm
- Door magnets drop out to allow door to close automatically
All Sprinkler control valves and Test & Drain have a placard to readily locate these points within the Building.
Supervised Sprinkler Tamper and Flow
AV with physical protection
Elevator smoke detector function on alarm to determine what floor elevator will recall to primary or secondary
Smoke detector adjacent to fire doors with magnetic door holders close on an alarm condition.
● Sprinkler top of stack for venting
Given 4th floor and Pent house Tamper and Flow with test valve with drain
HSRF Fire Pump and jockey pump serving HSRF, Given and Rowell buildings
- Jockey pump control panel supervised
- 750 per minute gallon fire pump
- Supervised, fire pump run and fire pump power loss
Sprinkler Stack labeling
HSRF 4100 Fire Alarm Panel capable of being incorporated into the Simplex expandable fire alarm system
Stafford Simplex 4100 Fire Alarm Panel capable of being incorporated into the Simplex expandable fire alarm system
Sprinkler exposed piping painted to blend into the background
- Flush sprinkler head
Fire Alarm fan test switches
- CF Fan bypass switches
Fire Alarm fan test switch