
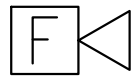








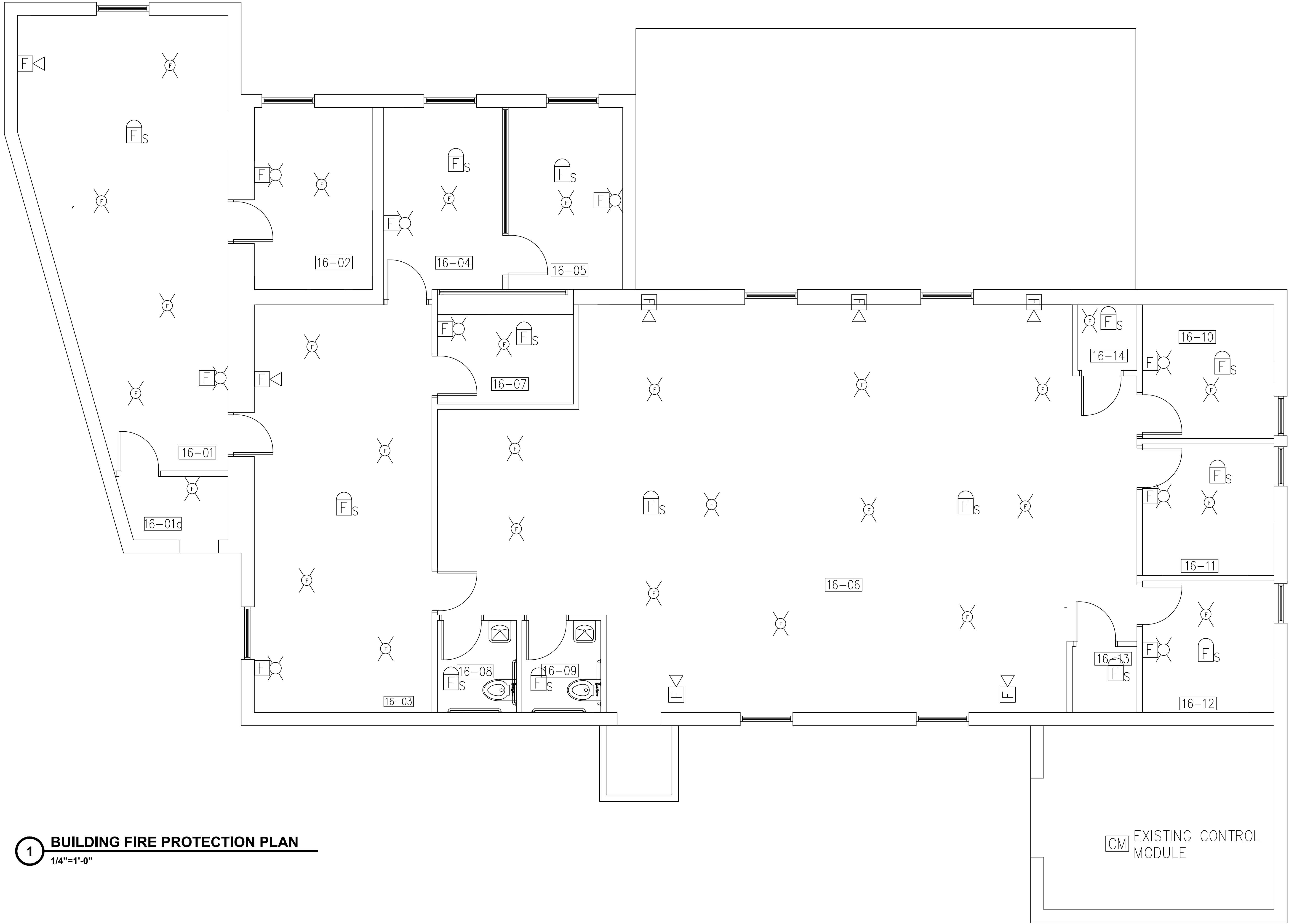
- FIRE PROTECTION GENERAL NOTES**
1. PROVIDE MODIFICATION TO THE EXISTING AUTOMATIC WET -PIPE TYPE FIRE SPRINKLER SYSTEM ZONE IN ACCORDANCE WITH NATIONAL FIRE PROTECTION (NFPA) CODE REQUIREMENTS AND VA SPECIFICATIONS.
 2. REQUEST SYSTEM SHUTDOWN THROUGH CONTRACTING OFFICER AT LEAST FORTY EIGHT (48) HOURS PRIOR TO PERFORMING ANY WORK ON EXISTING SPRINKLER SYSTEMS.
 3. NOTIFY COTR AND LOCAL FIRE DEPARTMENT PRIOR TO TAKING SPRINKLER SYSTEM OUT OF SERVICE AND WHEN RETURNING SYSTEM TO SERVICE.
 4. COORDINATE WITH COTR TO PROVIDE FIRE WATCH, AND/OR PORTABLE FIRE EXTINGUISHERS, ANY OTHER TEMPORARY MEASURES TO PREVENT FIRE DURING SPRINKLER SYSTEM DOWN TIME IN EXCESS OF 4 HOURS.
 5. SHUTDOWN AND DRAIN INDIVIDUAL EXISTING SPRINKLER SYSTEM ZONE SERVING AREA TO BE MODIFIED.
 6. PERFORM FIRE PROTECTION SYSTEM WORK DURING NORMAL WOK HOURS. UNLESS OTHER WISE AGREED TO WITH COTR, SPRINKLER SYSTEM SHUTDOWN PERIOD SHALL BE LIMITED TO 8 HOURS. REMAINING PORTION OF SYSTEM SHALL BE PUT BACK IN SERVICE AT THE END OF WORKING HOURS. PROVIDE TEMPORARY CAPS AND/OR PLUGS TO ALLOW FOR RE-PRESSURATION OF SYSTEM (ZONE) AT THE END OF WORKING HOURS.
 7. PIPING AS SHOWN IS BASED ON FIELD SURVEY INFORMATION WITH LIMITED CEILING ACCESS. IT IS DIAGRAMMATIC AND MUST BE FURTHER FIELD VERIFIED UPON CEILING DEMOLITION. VERIFY ALL PIPE SIZES AND LOCATIONS SHOWN.
 8. REMOVE EXISTING PIPING, FITTINGS, SPRINKLERS, AND ASSOCIATED HANGERS AS SHOWN OR INDICATED.
 9. PROVIDE CONNECTION TO EXISTING CROSS MAIN, ALL, PIPING, FITTINGS, HANGERS, AND SPRINKLERS REQUIRED TO MAKE ALTERATIONS SHOWN OR INDICATED AND INSTALL IN ACCORDANCE WITH REQUIREMENTS OF NFPA 13, AND SPECIFICATIONS.
 10. PIPING AS INDICATED IS DIAGRAMMATIC. CONTRACTOR IS RESPONSIBLE FOR FINAL LAYOUT AND SIZING AFTER COORDINATION WITH ALL OTHER TRADES.
 11. WET PIPE SYSTEM MODIFICATION DESIGN BASIS:
 - A. ORDINARY HAZARD GROUP ONE OCCUPANCY: COMM ROOM.
 - WET PIPE SYSTEM: 0.15 GPM/SQFT FOR MOST REMOTE 1500 SQFT OR ENTIRE AREA IF LESS THAN 3000 SQFT INCLUDE 250 GPM FOR COMBINED HOSE ALLOWANCE.
 - B. LIGHT HAZARD OCCUPANCY: VESTIBULES, CORRIDORS, ADMINISTRATION AREAS, OFFICE AND TOILETS.
 - WET PIPE SYSTEM: 0.10 GPM/SQFT FOR MOST REMOTE 1500 SQFT OR ENTIRE AREA IF LESS THAN 1500 SQFT INCLUDE 100 GPM FOR COMBINED HOSE ALLOWANCE.
 - C. PROVIDE LISTED QUICK RESPONSE TYPE SPRINKLERS IN ALL AREAS.
 12. DO NOT RUN/LOCATE PIPING THROUGH COMM ROOM WHICH SERVE OTHER AREAS. DO NOT RUN PIPING OVER TOP OF ANY ELECTRIC PANELS.
 13. PROVIDE CUTTING AND PATCHING OF WALLS AND CEILINGS NECESSARY TO PERFORM INSTALLATION OF SPRINKLER SYSTEM.
 14. PROVIDE HYDROSTATIC TESTING OF INSTALLED PIPING SYSTEM IN ACCORDANCE WITH ALL APPLICABLE NFPA CODES, AND PROVIDE REPLACEMENT OF ALL DEFECTIVE MATERIALS.
- PROVIDE SEISMIC DESIGN PER NFPA 13 REQUIREMENTS USING:
- SEISMIC DESIGN CATEGORY: (SDC B)
 - OCCUPANCY CATEGORY II, IMPORTANCE FACTOR: 1
 - SITE CLASS D
 - S = 0.05
 - S = 0.45

FIRE PROTECTION SYMBOL LEGEND

-  MANUAL FIRE ALARM PULL STATION
-  AUDIO/VISUAL FIRE ALARM SIGNALING DEVICE
-  VISUAL ONLY FIRE ALARM SIGNALING DEVICE
-  FIRE ALARM MAGNETIC DOOR HOLDER
-  CONTROL MODULE
-  DUCT SMOKE DETECTOR
-  SMOKE DETECTOR
-  SPRINKLER HEAD

GENERAL CONSTRUCTION NOTES

1. PROVIDE NEW FIRE ALARM DEVICES TO REPLACE OLD DEVICES. SEE SPECIFICATIONS FOR PRODUCTS. UTILIZE EXISTING FIRE ALARM CONTROLS, CONDUIT AND WIRING CONNECTIONS AND EXTEND THESE SERVICES TO ALL LOCATIONS SHOWN TO SUCCESSFULLY IMPLEMENT A SYSTEM FUNCTIONAL RECONFIGURATION THAT IS IN COMPLIANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
2. PIPING IS NOT SHOWN FOR CLARITY. CONTRACTOR SHALL UTILIZE EXISTING PIPING AND COMPONENTS AND PROVIDE NEW TO RECONFIGURE SYSTEM.
3. PROVIDE ALL JUNCTION BOXES, CONDUIT, SUPPORTS AND FIXTURES NECESSARY TO SUCCESSFULLY PROVIDE NEW CIRCUITS AND IN ACCORDANCE WITH SPECIFICATIONS.
4. UTILIZE EXISTING FIRE ALARM CONTROL PANEL IN MECHANICAL ROOM 16-16 FOR CONNECTIONS TO ALL NEW FIRE ALARM DEVICES. CONTRACTOR SHALL PERFORM A FULL SYSTEM DOWNLOAD WHEN TYING INTO THE EXISTING MEDICAL CENTER'S FIRE ALARM SYSTEM.



1 BUILDING FIRE PROTECTION PLAN
1/4"=1'-0"

CONSULTANTS:

ARCHITECT/ENGINEERS:

Drawing Title
**BUILDING 16 FIRE ALARM SYSTEM
RECONFIGURATION PLAN**

Approved: Project Director

Project Title
**RENOVATE FOR EDUCATION
SERVICE AND ADMINISTRATIVE
SPACE.**

Location
SYRACUSE VAMC

Date
07/31/2012

Checked
CF

Drawn
AZH

Project Number
528A7-12-732

Building Number
16

Drawing Number

F-100
DWG 23 OF 23

