

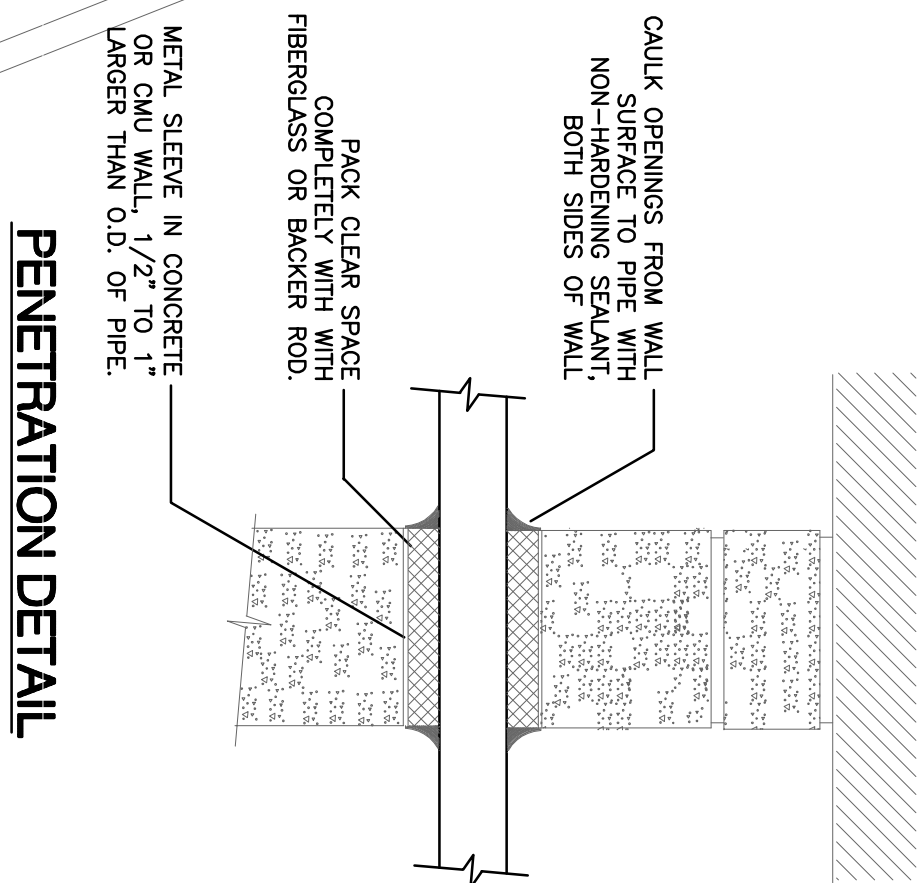
FIRE ALARM SYSTEM SYMBOLS	
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	FIRE ALARM MANUAL PULL STATION
	FIRE ALARM WALL MOUNTED AUDIO/VISUAL UNIT
	FIRE ALARM HORN
	FIRE ALARM STROBE
	FIRE EVACUATION SPEAKER
	COMBINATION FIRE EVACUATION SPEAKER W/ FIRE ALARM STROBE
	AUTOMATIC DETECTOR (Detector Classification)
	D - DUCT MOUNTED SMOKE IONIZATION
	F - THERMAL, FIXED TEMPERATURE
	RE - SMOKE RETRACTION, PHOTO ELECTRIC
	ALARM INITIATING CONTACT (CONTACT FUNCTION)
	TS - TAMPER SWITCH "TROUBLE" OS&Y - ALARM CHECK VALVE "TROUBLE" PS - PRESSURE SWITCH

#### KEY NOTES:

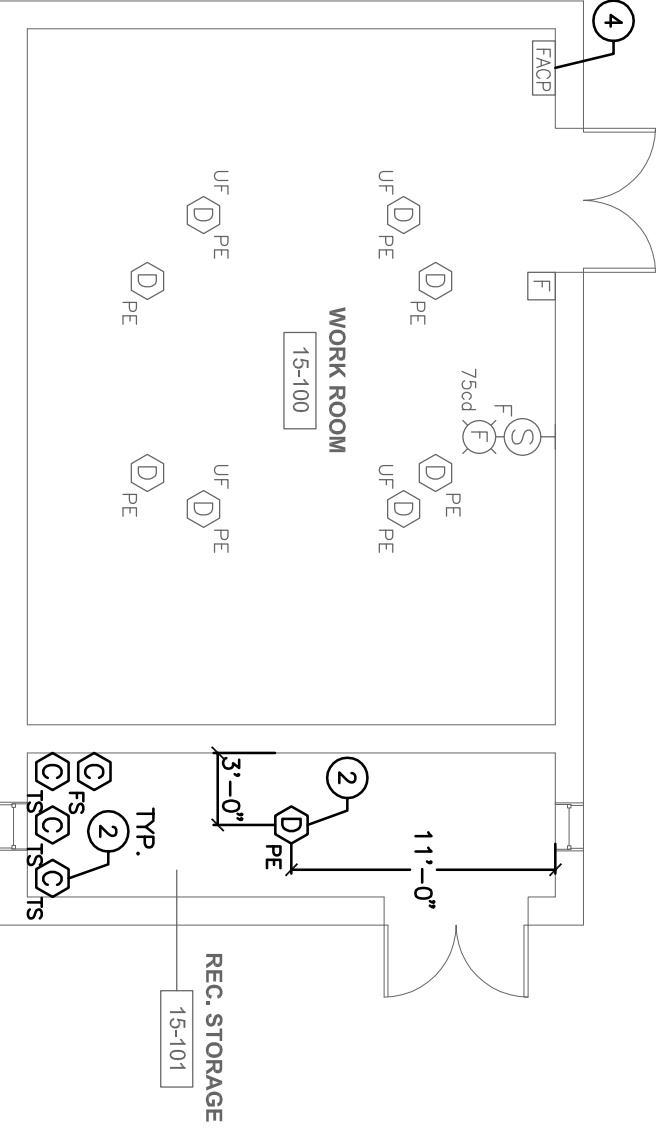
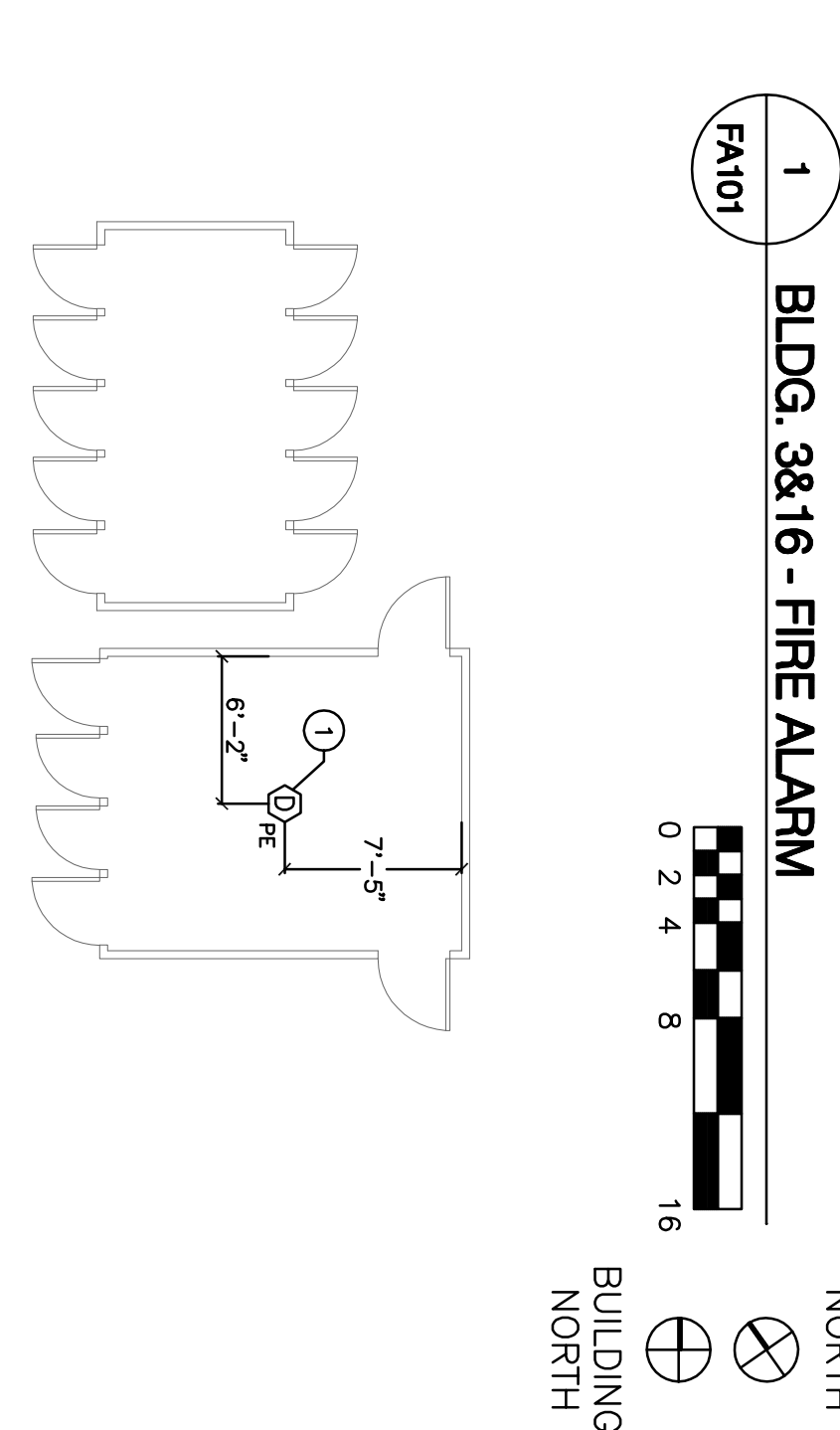
- EXTEND INITIATING DEVICE CIRCUIT FROM BLDG. #9 TO FACP (NODE #7) LOCATED IN BLDG. #3 BASEMENT. CONDUIT LENGTH IS APPROXIMATELY 400 FEET.
- EXTEND INITIATING DEVICE CIRCUIT FROM REC. STORAGE ROOM #15-101 TO FACP (NODE #8) LOCATED IN ADJACENT WORK ROOM #15-100. CONDUIT LENGTH IS APPROXIMATELY 100 FEET.
- EXTEND INITIATING DEVICE CIRCUIT FROM BLDG. #16 TO FACP (NODE #7) LOCATED IN BLDG. #3 BASEMENT. CONDUIT LENGTH IS APPROXIMATELY 500 FEET.
- EXISTING FIRE ALARM CONTROL PANEL (NODE #8) WITH FIBER OPTIC CONNECTION TO FIRE ALARM CONTROL PANEL LOCATION IN BLDG. #11 (NODE #4).
- EXISTING FIRE ALARM ANNUNCIATOR PANEL (NODE #8) W/ CONDUIT TO EXISTING FIRE ALARM CONTROL PANEL LOCATED IN THE BASEMENT BELOW (NODE #7).
- EXISTING FIRE ALARM CONTROL PANEL (NODE #7) W/ FIBER OPTIC CONNECTION BETWEEN FACP AND BLDG. #11 (NODE #4).
- REFER TO DETAIL ON THIS SHEET FOR PENETRATION REQUIREMENTS FOR CONDUIT PENETRATIONS THROUGH EXTERIOR WALLS.

#### GENERAL NOTES:

- ALL FIRE ALARM DEVICES ARE EXISTING TO REMAIN UNLESS OTHERWISE INDICATED.
- FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND FIRESTOPPING ALL PENETRATIONS. FIRESTOPPING MATERIALS AND SYSTEMS SHALL BE SELECTED TO MATCH RATING OF PENETRATED ASSEMBLY.
- ACTUAL LOCATION AND SPACING OF INITIATING AND NOTIFICATION DEVICES AND CONDUIT RUNS SHALL BE FIELD COORDINATED WITH OTHER WORK. THIS INCLUDES LIGHT FIXTURES, DIFFUSERS, DUCTWORK, EXISTING WALLS AND CEILINGS, AS WELL AS ANY OTHER OBSTRUCTIONS.
- FIRE ALARM CIRCUITS SHALL BE INSTALLED IN CONDUIT AND EXACT WIRE QUANTITIES, TYPES, AND SIZES SHALL MEET MANUFACTURER'S RECOMMENDATIONS.
- MINIMUM CONDUIT SIZE SHALL BE 3/4" DIAMETER AND MAXIMUM PERCENT FILL OF ANY CONDUIT SHALL BE 40%.



#### PENETRATION DETAIL



**2 BLDG. 8 - FIRE ALARM**

FA101

TRUE NORTH

BUILDING NORTH

**3 BLDG. 15 - FIRE ALARM**

FA101

TRUE NORTH

BUILDING NORTH

#### CONSULTANTS:

Urban Engineers, Inc.  
530 Walnut Street, 14th Floor  
Philadelphia, PA 19106  
P: (215) 922-8080  
F: (215) 922-8082  
www.urbanengineers.com

#### ARCHITECT:

TOMPKINS ARCHITECTS  
507 Walnut Street, Suite 200, Kansas City, MO 64106  
P: 816 472 5656 F: 816 472 5657 www.tompkinsarch.com

#### FIRE ALARM FLOOR PLANS

ALTOONA, PA VA MEDICAL CENTER UPDATES

Project Number  
2011200182.000

James E. Van Zandt  
VA Medical Center  
2007 Pleasant Valley Blvd.  
Altoona, PA 16602

Location  
James E. Van Zandt VA Medical Center

Drawing Number  
FA101

Department of Veterans Affairs