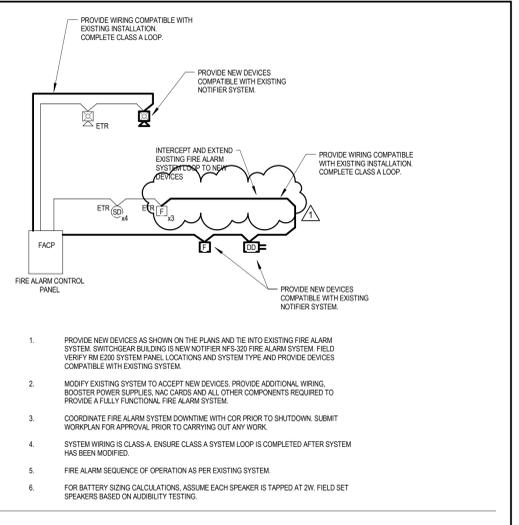
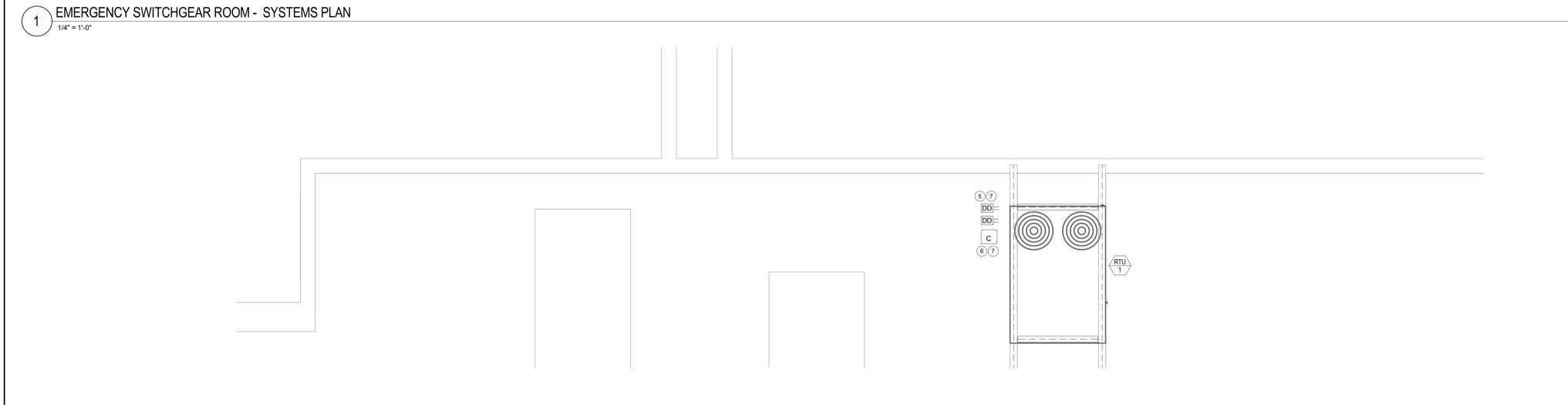
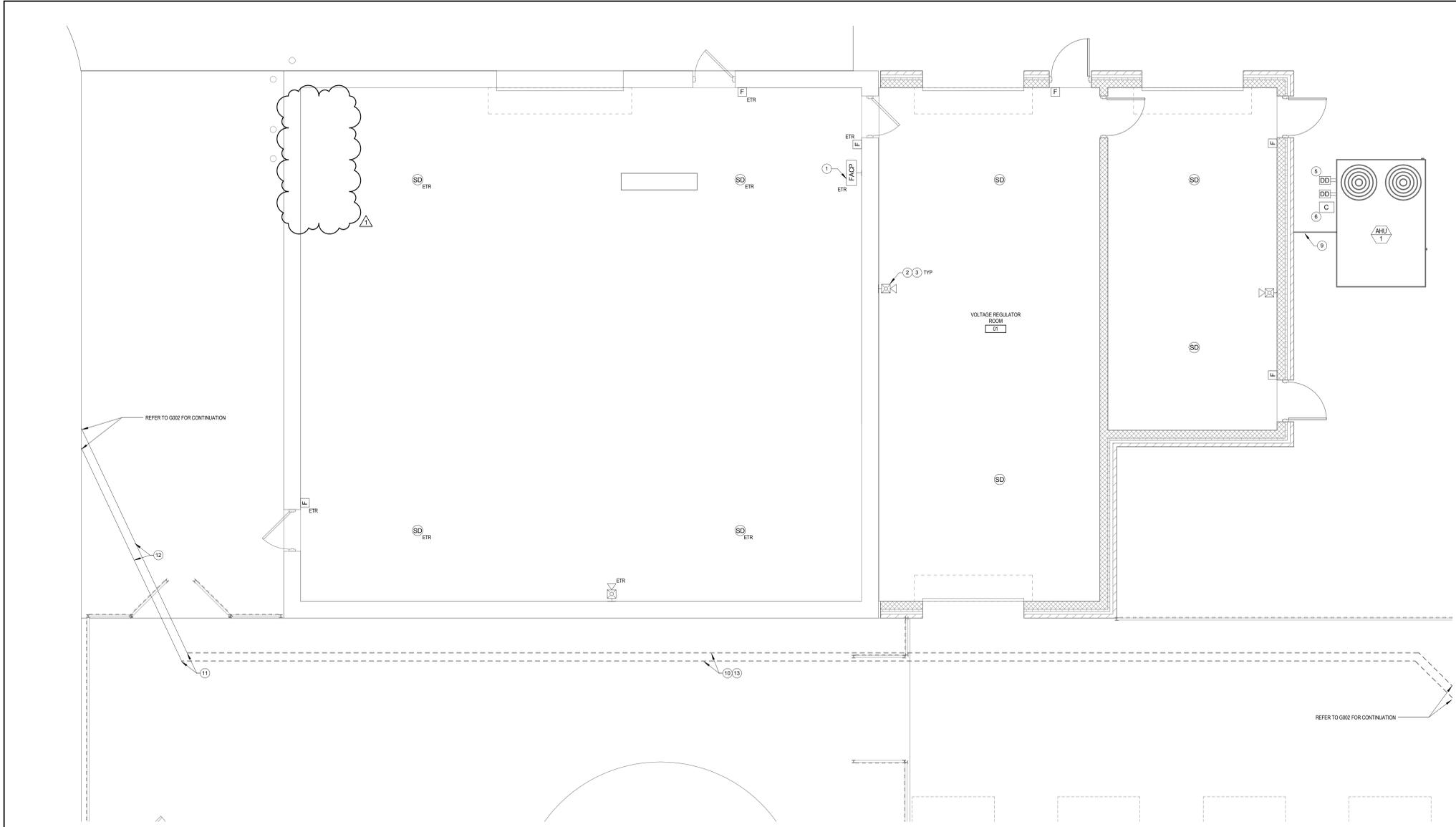
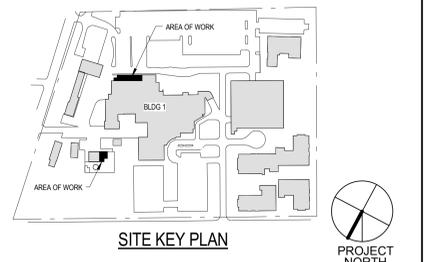


three inches = one foot  
 one and one half inch = one foot  
 one inch = one foot  
 three quarters inch = one foot  
 one half inch = one foot  
 one quarter inch = one foot  
 three eighths inch = one foot  
 one eighth inch = one foot  
 one sixteenth inch = one foot



- KEYNOTES:**
- EXISTING NOTIFIER NFS-320 FIRE ALARM CONTROL PANEL. CONNECT NEW DEVICES AS INDICATED INTO EXISTING FIRE ALARM SYSTEM LOOPS. PROVIDE ADDITIONAL BOOSTER POWER SUPPLIES, NAC EXTENDERS, SYSTEM REPROGRAMMING AND ALL OTHER COMPONENTS AND SERVICES REQUIRED TO CONNECT NEW DEVICES INTO THE EXISTING SYSTEM FIRE ALARM SEQUENCE OF OPERATION TO BE AS PER EXISTING DEVICES.
  - SET NEW STROBES TO 75CD.
  - FOR BATTERY SIZING CALCULATIONS, ASSUME EACH SPEAKER IS TAPPED AT 2W. FIELD SET ACTUAL TAPPING BASED ON AUDIBILITY TESTING.
  - DUCT DETECTOR FOR AHU UNIT SHUTDOWN PROVIDED BY AHU, INSTALLED BY MECHANICAL ETC.
  - FIRE ALARM CONTROL MODULE FOR AHU UNIT SHUTDOWN.
  - THE NEW DEVICES INTO EXISTING MAIN SWITCHGEAR ROOM FIRE ALARM SYSTEM ON FLOOR BELOW. PROVIDE ALL ADDITIONAL POWER SUPPLIES, NAC EXTENDERS, BATTERIES OR OTHER COMPONENTS OR PROGRAMMING REQUIRED FOR A FULLY FUNCTIONAL SYSTEM.
  - REFER TO EDD1 FOR LOCATION OF FIRE ALARM PANELS SERVING THIS AREA ON FLOOR BELOW.
  - PROVIDE DEDICATED 1" CONDUIT FOR FIRE ALARM TO UNIT. RUN UNDERGROUND TO CROSS GRADE TO UNIT.
  - RELOCATED FIRE ALARM CIRCUIT IN NEW UNDERGROUND CONDUIT. CIRCUIT IS 2 CONDUCTORS W/IN GRADE. ASSUME RUNS W/IN COPPER CABLE RIT. FIELD VERIFY EXISTING CABLING AND MATCH EXISTING WITH NEW. PROVIDE F/C CONCRETE ENCASED REMOVE EXISTING CONDUIT OR RUN AND REPLACE WITH NEW. NO SPLICES ARE PERMITTED IN THE FIRE ALARM CIRCUIT.
  - THE NEW CONDUIT INTO EXISTING AT THIS LOCATION.
  - EXISTING FA CONDUIT RUN TO REMAIN. REPLACE CONDUCTORS AS PER KEYNOTE 10.
  - REFER TO 0003 FOR ADDITIONAL INFORMATION AND LOCATION OF RELOCATED AND EXISTING FIRE ALARM CONDUIT RUNS.

**SOLE SOURCE:**  
 ALL SYSTEM PARTS MUST BE HONEYWELL NOTIFIER ONLY (SOLE SOURCE) AS PER EXISTING SYSTEM. NO OTHER MANUFACTURER ALLOWED.



FULLY SPRINKLERED  
 CONSTRUCTION DOCUMENTS

REV. 1 Revisions:	7/01/16 Date	<b>CONSULTANTS:</b> BARBER & HOFFMAN 215 EXECUTIVE DRIVE #202 CRANBERRY TWP, PA 16066 URBAN ENGINEERS, INC. 1 WILLIAMSBURG PLACE, SUITE 210 WARRENDALE, PA 15086 MOORE DESIGN ASSOCIATES 130 HEAVEN LANE MARS, PA 16046	<b>SEAL</b> 	<b>ARCHITECTS/ENGINEERS:</b>  6587 Hamilton Avenue Pittsburgh, Pennsylvania 15206 Ph: 412.287.7333 Fax: 412.287.7334 www.ae-works.com AE Works Project Number: 13045	Drawing Title FIRE ALARM PLAN - SWITCHGEAR BLDG & EE200	Project Title: EXPAND EMERGENCY POWER GENERATION for the ERIE VAMC	Project Number 562-13-112	Office of <b>Construction and Facilities Management</b> 
		Approved: Project Director	Location: 135 E 38TH ST, ERIE, PA 16504	Building Number 1	Drawing Number EF101			