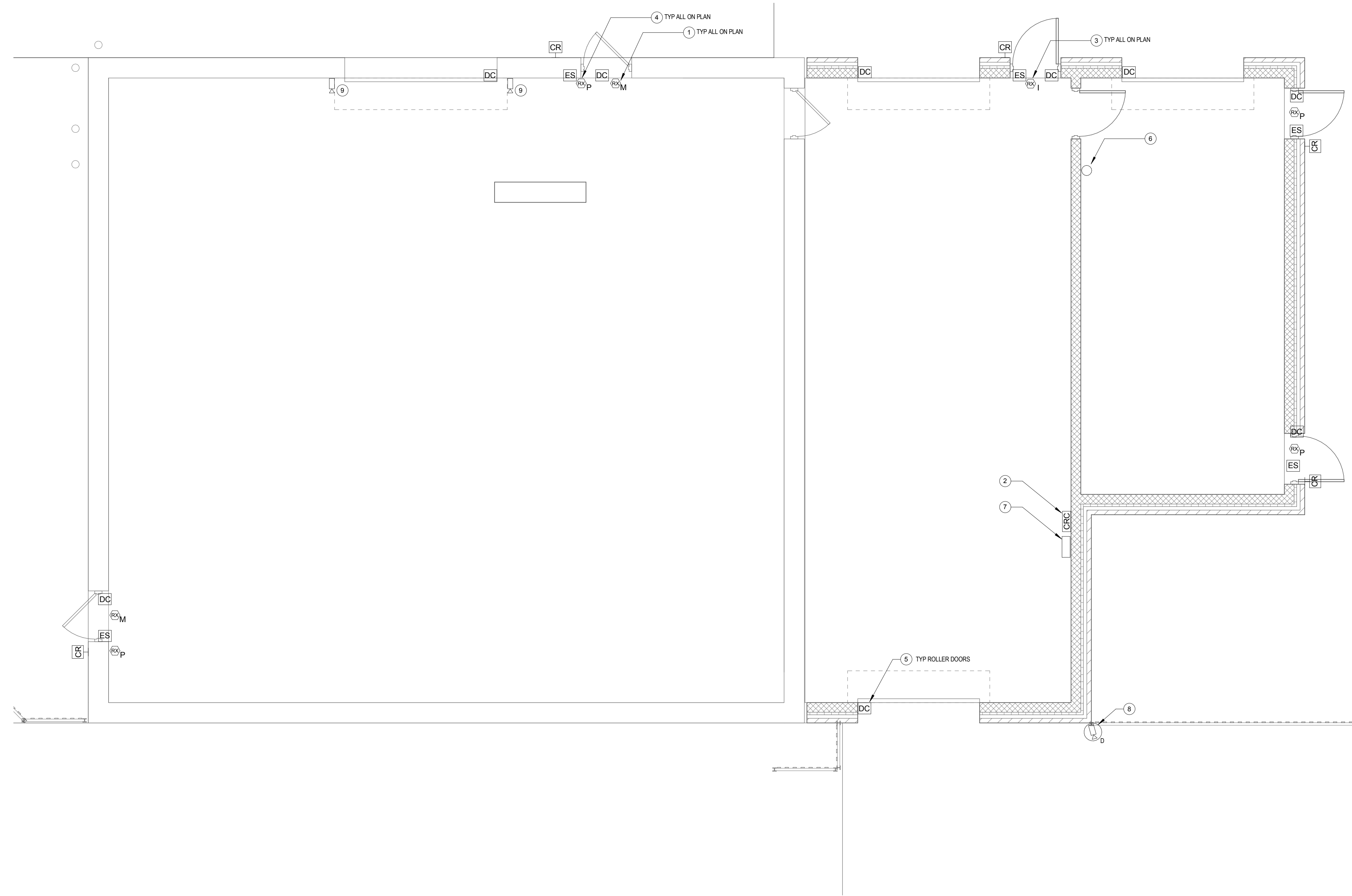
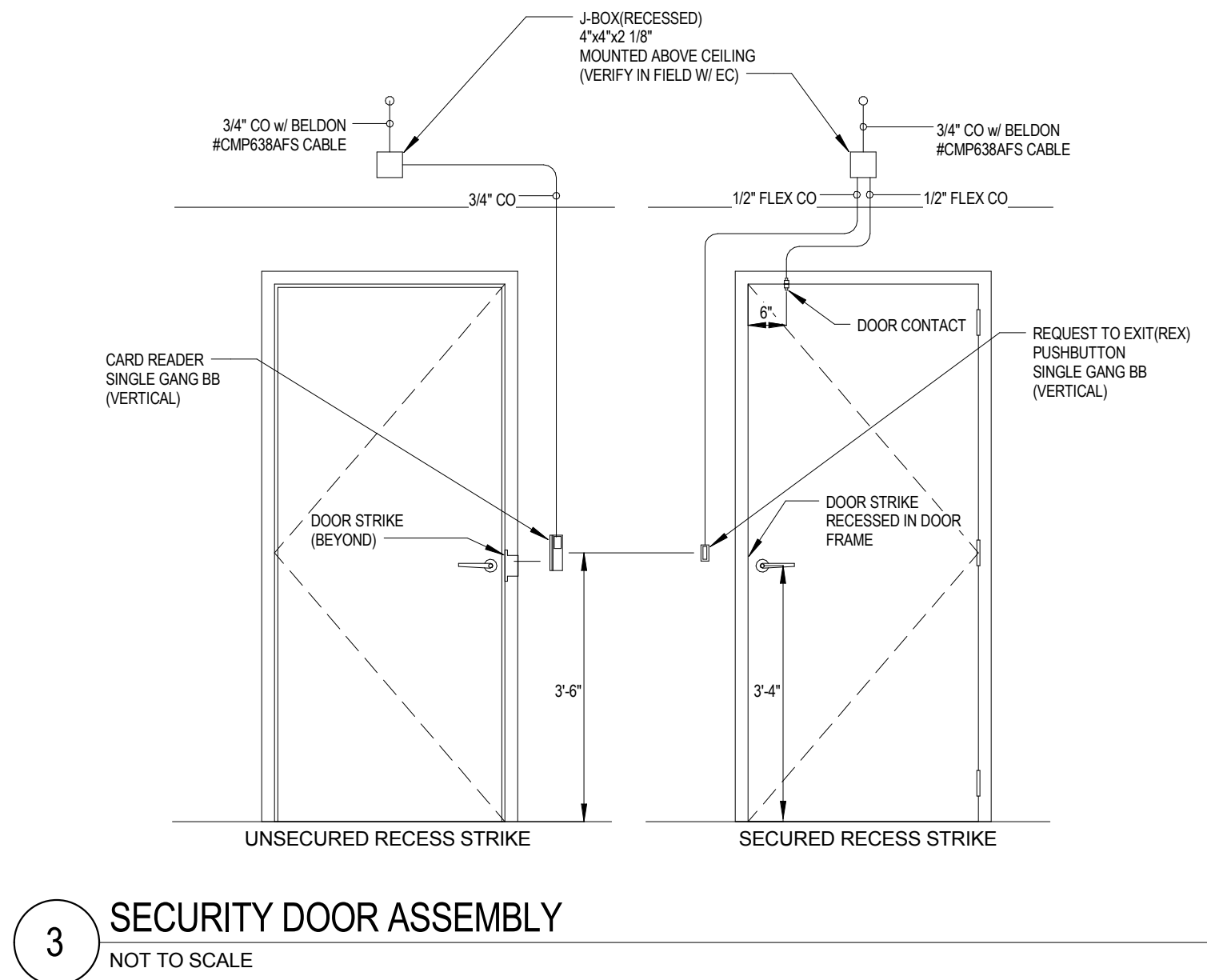


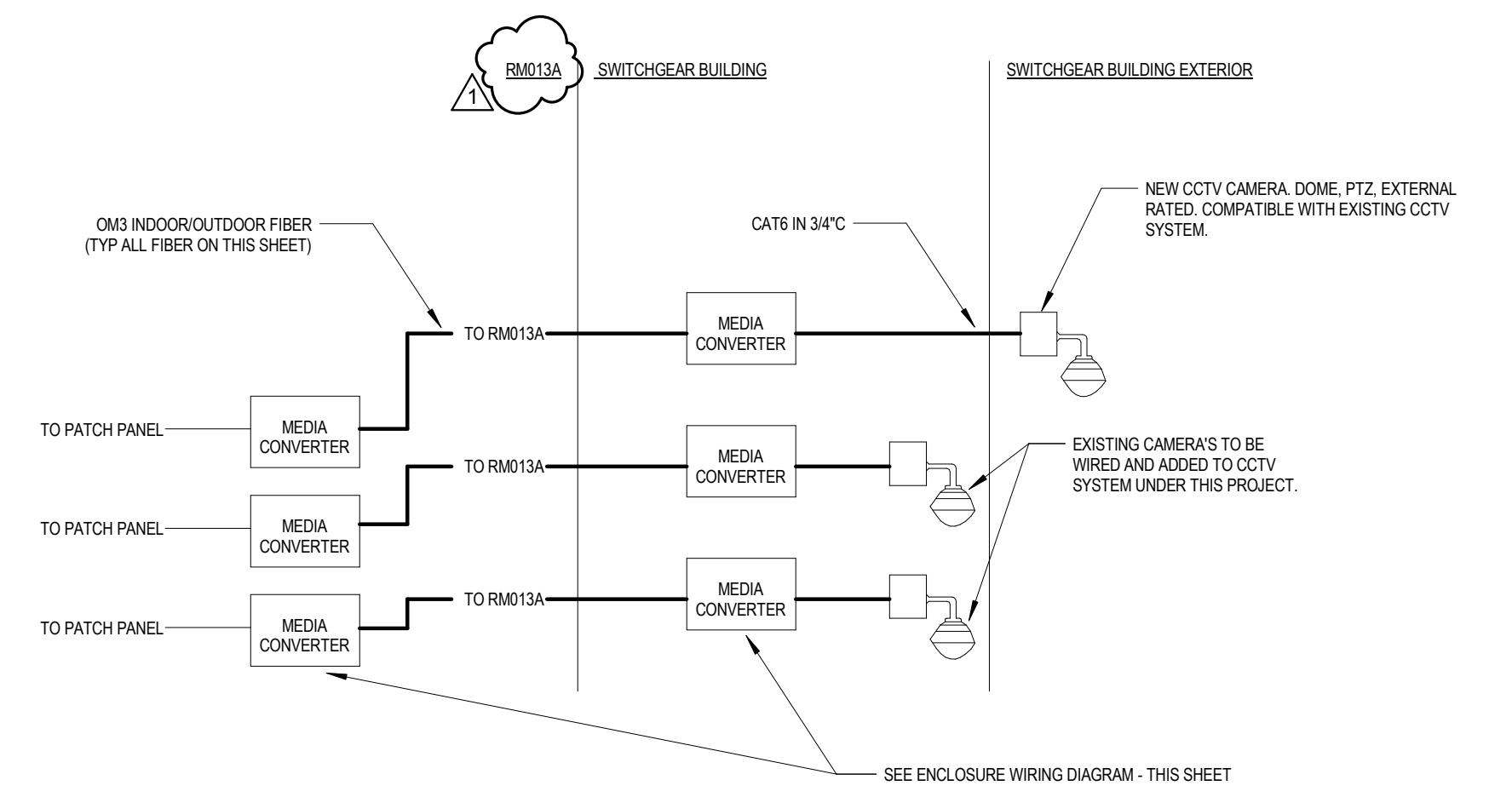
three inches = one foot  
one and one half inch = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one eighth inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



- KEYNOTES**
- COORDINATE INSTALLATION WITH DOOR HARDWARE VENDOR.
  - MOUNT NEW ACCESS CONTROL SYSTEM CONTROLLER IN SUITABLE, ACCESSIBLE LOCATION. COORDINATE WITH FIELD CONDITIONS. PROVIDE 4"x4" FIRE RATED PLYWOOD BACKBOARD.
  - REQUEST TO EXIT DEVICE INTEGRATED WITH NEW DOOR HARDWARE.
  - NOTION ACTIVATED AND PUSH BUTTON REQUEST TO EXIT DEVICES FOR EXISTING DOORS.
  - NEW CONTACTS FOR ROLLER DOOR. COORDINATE ALARM/ALARM SCHEDULE FOR SYSTEM ALERTING WITH COR.
  - CONNECTION TO MAIN BUILDING 1 SECURITY SYSTEM VIA 4" CONDUIT (WITH 1" INNERDUCTS). REFER TO E201 AND E501 FOR MORE INFORMATION.
  - MEDIA CONVERTERS FOR ACCESS CONTROL SYSTEM & SECURITY CAMERAS.
  - WALL MOUNTED 15' FROM GRADE.
  - EXISTING BOSCH IP CAMERAS TO BE CONNECTED AS PART OF THIS PROJECT. PROVIDE CAT5 CABLE, MEDIA CONVERTER AND FIBER CONNECTIONS AS SHOWN ON DETAIL 5. CAMERAS MOUNTED APPROX 12' AFF.



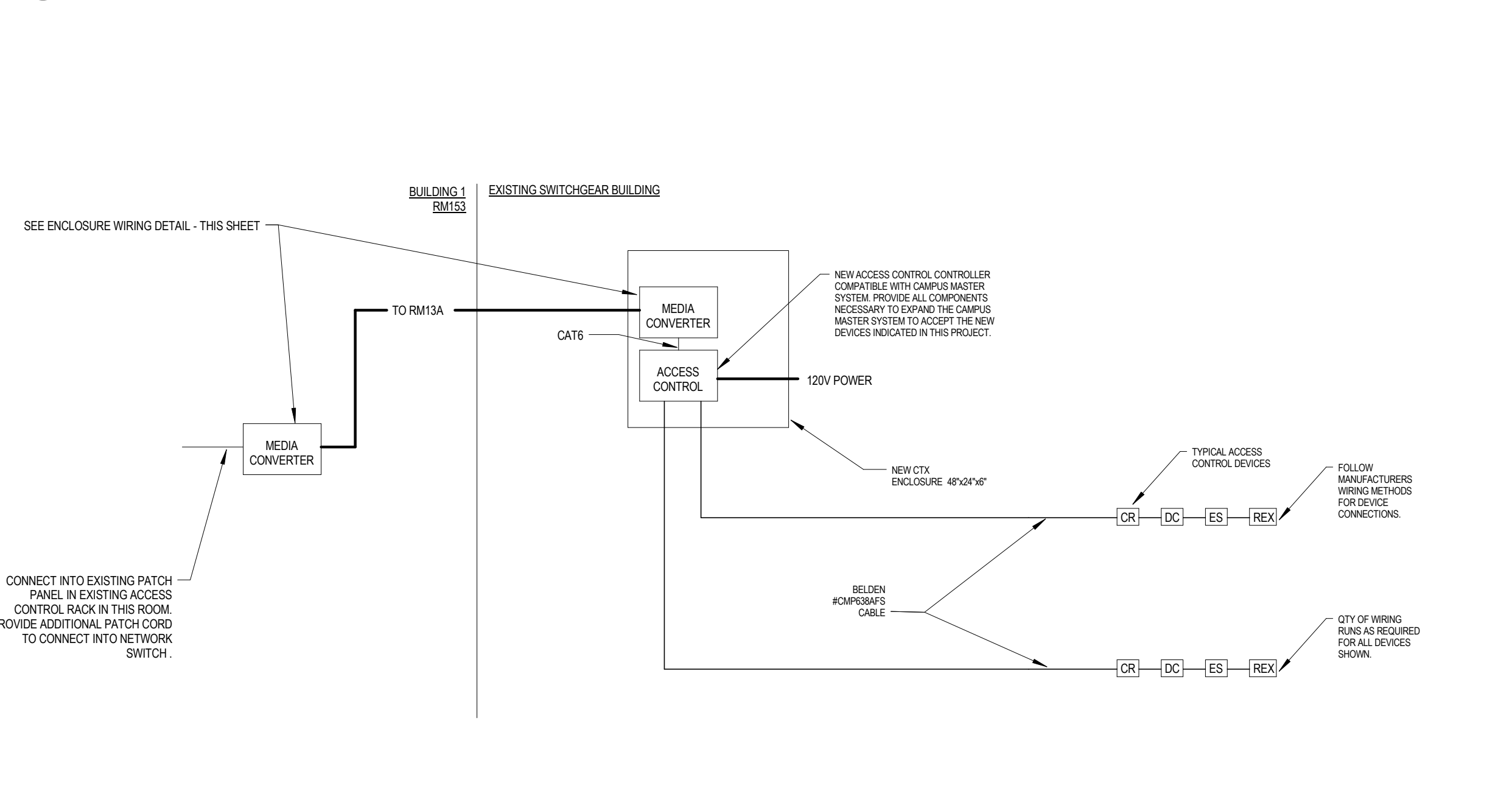
**3 SECURITY DOOR ASSEMBLY**  
NOT TO SCALE



**4 TYPICAL CCTV WIRING DIAGRAM**  
NOT TO SCALE

- NEW CCTV EQUIPMENT TO BE COMPATIBLE WITH EXISTING CAMPUS WIDE SYSTEM.
- INCLUDE ALL SYSTEM REPROGRAMMING REQUIRED TO INCLUDE NEW DEVICES INTO EXISTING SYSTEM.

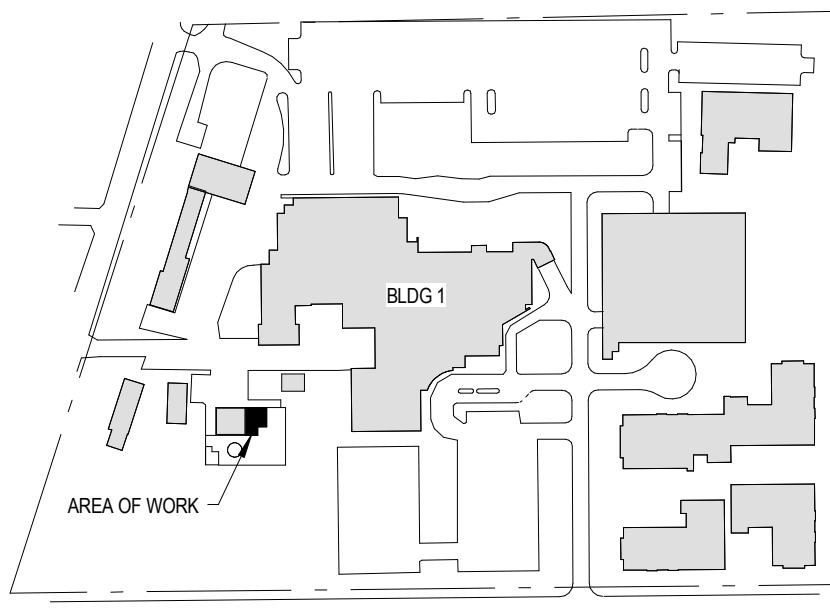
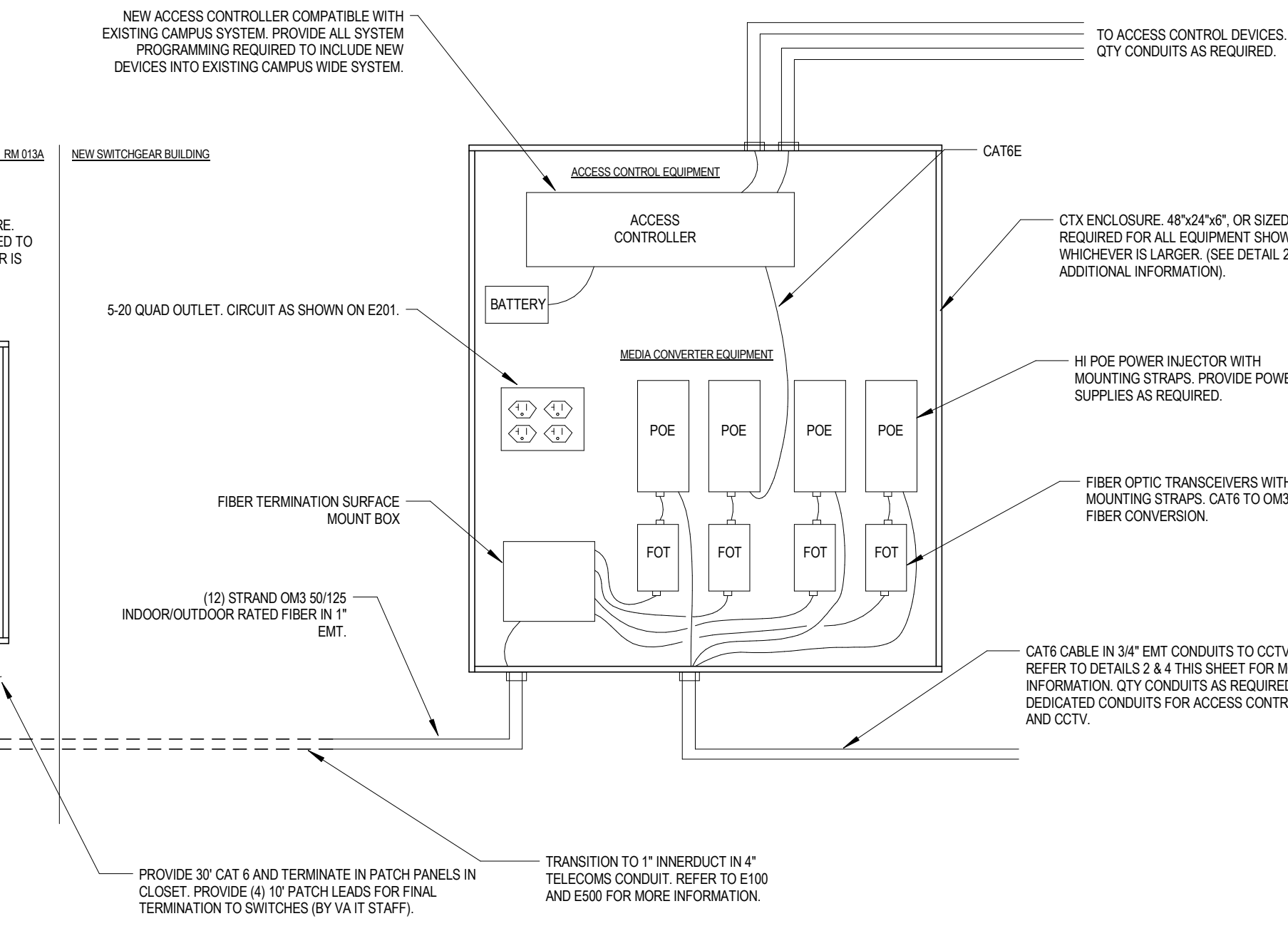
**1 EMERGENCY SWITCHGEAR ROOM - SECURITY PLAN**  
1/4\" = 1'-0\"



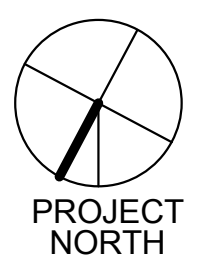
**2 TYPICAL CARD READER WIRING DIAGRAM**  
NOT TO SCALE

**5 ENCLOSURE WIRING DIAGRAM**  
NOT TO SCALE


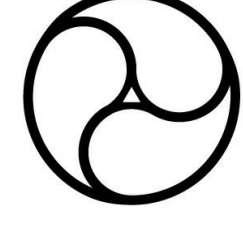

- NEW EQUIPMENT TO BE COMPATIBLE WITH EXISTING CAMPUS WIDE SYSTEMS.
- INCLUDE ALL SYSTEM REPROGRAMMING REQUIRED TO INCLUDE NEW DEVICES INTO EXISTING SYSTEMS.
- THE DETAIL SHOWS TYPICAL CONNECTIVITY. PROVIDE ALL PARTS AND PIECES FOR A FULLY FUNCTIONING ACCESS CONTROL AND CCTV SYSTEM.



**SITE KEY PLAN**



# FULLY SPRINKLERED CONSTRUCTION DOCUMENTS

<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>  <b>AE WORKS</b> 6587 Hamilton Avenue Pittsburgh, Pennsylvania 15206 Ph: 412.287.7333 Fax: 412.287.7334 www.ae-works.com AE Works Project Number: 13045	<b>Drawing Title</b> SECURITY PLAN - SWITCHGEAR BLDG	<b>Project Title:</b> EXPAND EMERGENCY POWER GENERATION for the ERIE VAMC	<b>Project Number</b> 562-13-112	<b>Office of Construction and Facilities Management</b> 
<b>REV. 1</b> <b>Revisions:</b>	<b>7/01/16</b> <b>Date</b>			<b>Approved: Project Director</b>	<b>Location:</b> 135 E 38TH ST, ERIE, PA 16504	<b>Building Number</b> 1	<b>Department of Veterans Affairs</b>
					<b>Date:</b> 3/17/2016	<b>Drawing Number</b> ES101	
					<b>Checked:</b> TA	<b>Drawn:</b> IT	