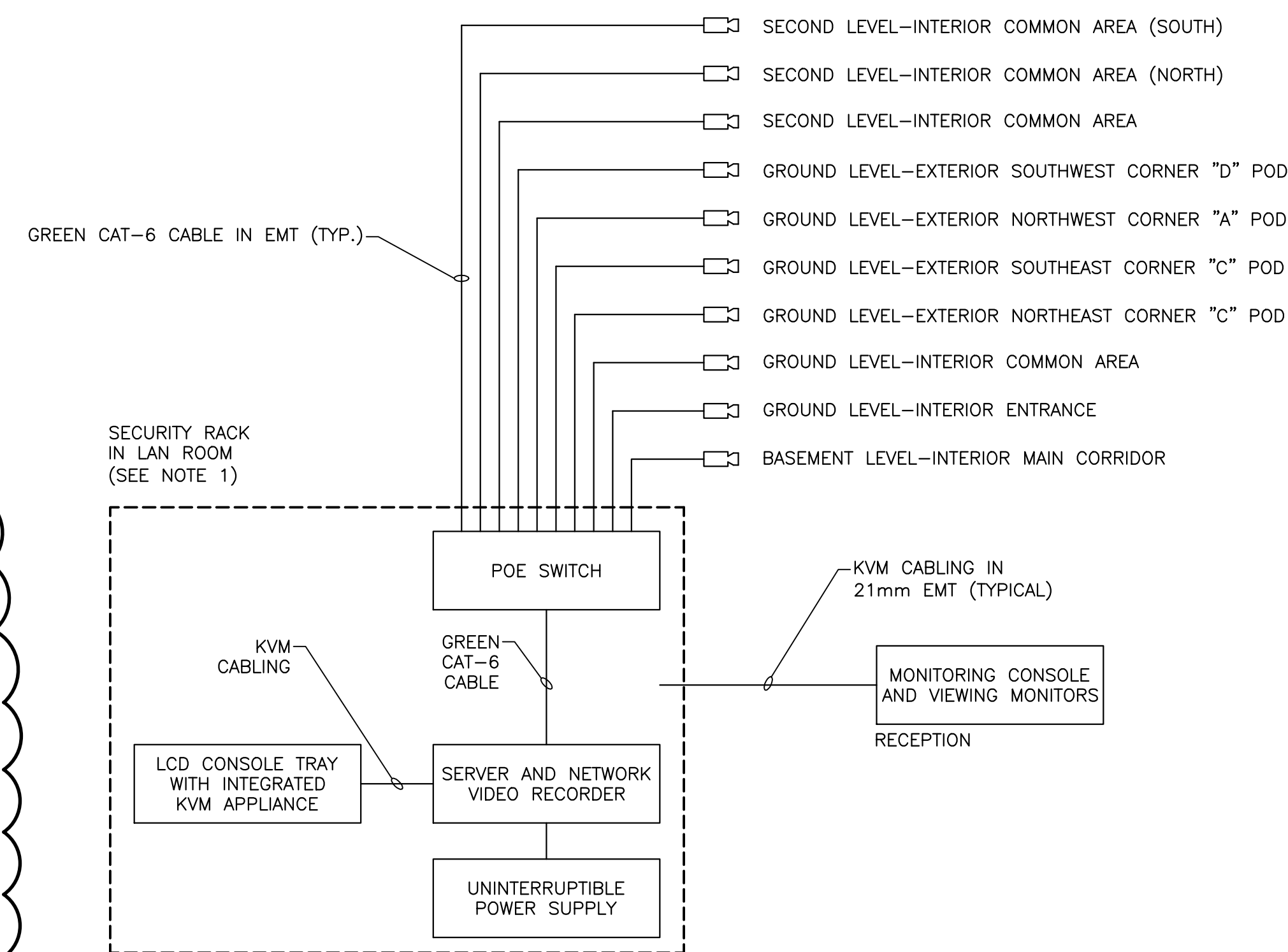


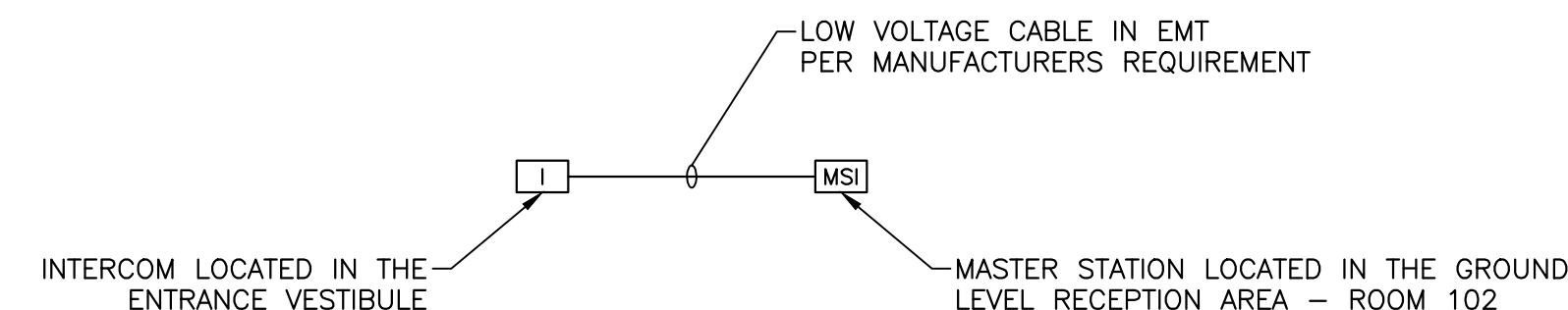
- DETAIL NOTES:
1. COORDINATE LOCATION OF FIRE ALARM ADDRESSABLE RELAY MODULES WITH EQUIPMENT CONTROLS LOCATIONS.
 2. RISER DIAGRAM IS REPRESENTATIVE OF GENERAL SYSTEM ARCHITECTURE AND APPROXIMATE DEVICE/EQUIPMENT TYPES AND QUANTITIES. PROJECT SPECIFIC RISER DIAGRAM IS TO BE PROVIDED WITH SHOP DRAWINGS AND SHALL BE LAID OUT PER THE MANUFACTURER'S BEST PRACTICES TO ACHIEVE THE DESIGN INTENT RESULTS AS WELL AS MEET THE REQUIREMENTS OF THE NATIONAL BUILDING CODE AND CAN/ULC S524.
 3. COORDINATE EXACT QUANTITY AND LOCATION OF SPRINKLER INPUT DEVICES WITH FINAL SPRINKLER DESIGN.

SCHEMATIC – FIRE ALARM RISER DIAGRAM (1)

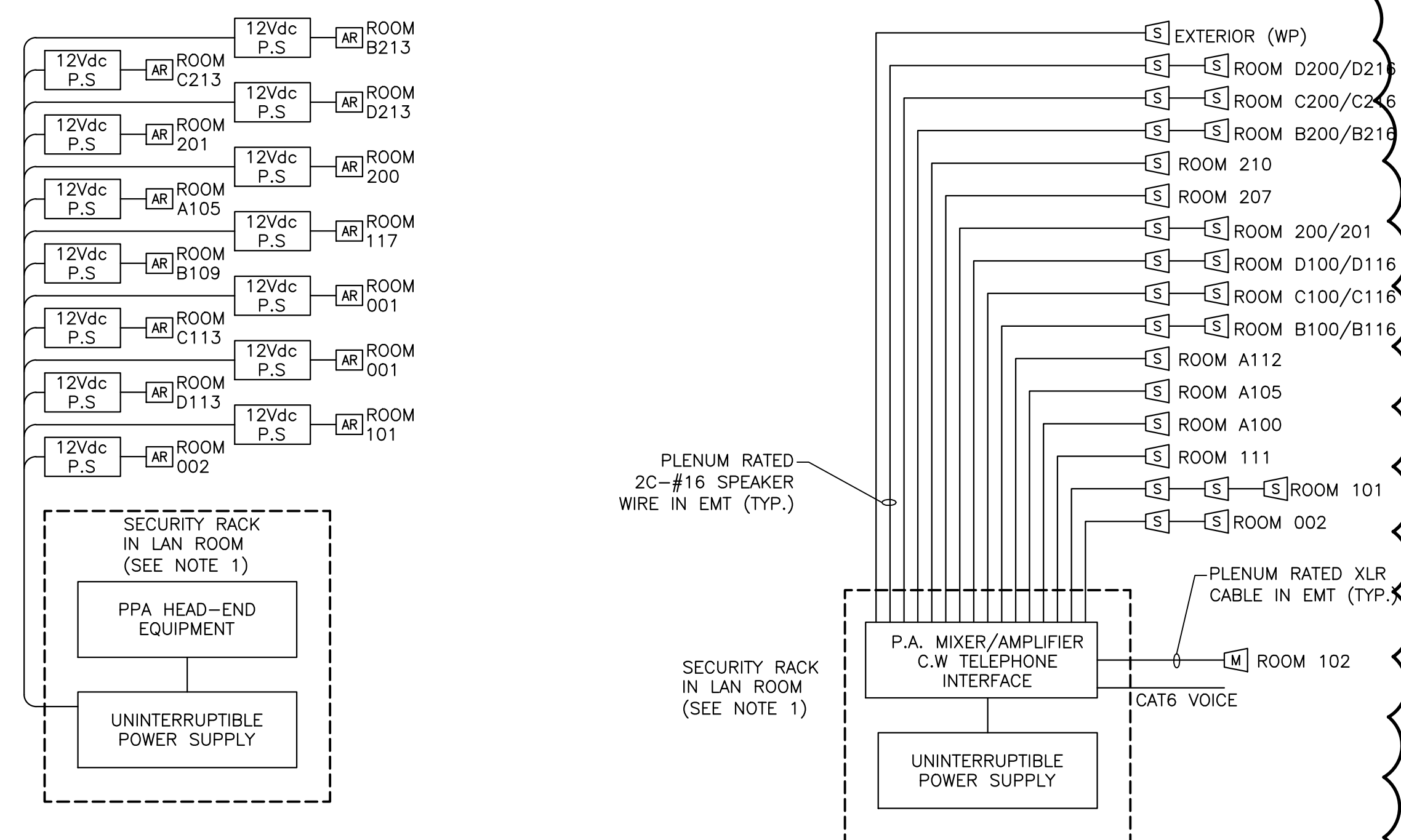


- DETAIL NOTES:
1. ALL SECURITY APPLIANCES (CCTV, ACCESS CONTROL) ARE TO BE INSTALLED IN ONE (1) 42U FLOOR MOUNTED LOCKABLE ENCLOSURE.
 2. UPS IS TO BE SIZED TO RUN ALL SECURITY EQUIPMENT FOR ONE (1) HOUR.
 3. RISER DIAGRAM IS REPRESENTATIVE OF GENERAL SYSTEM ARCHITECTURE AND APPROXIMATE DEVICE/EQUIPMENT TYPES AND QUANTITIES. PROJECT SPECIFIC RISER DIAGRAM IS TO BE PROVIDED WITH SHOP DRAWINGS AND SHALL BE LAID OUT PER THE MANUFACTURER'S BEST PRACTICES TO ACHIEVE THE DESIGN INTENT RESULTS.

SCHEMATIC – CCTV RISER DIAGRAM 2
E5.1–E5.3



SCHEMATIC - VIDEO INTERCOM RISER DIAGRAM 3
E5.

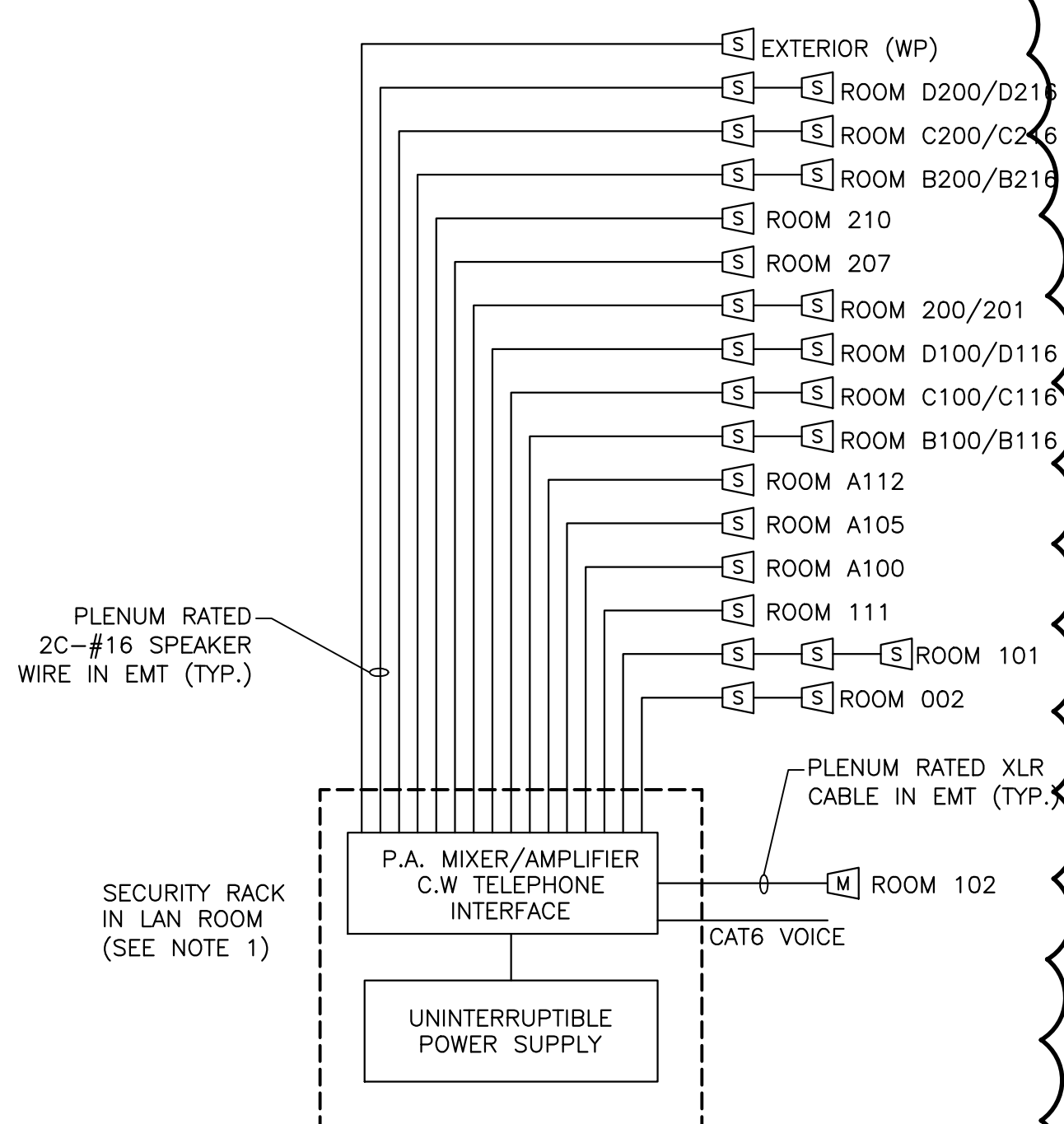


- DETAIL NOTES:**
1. ALL SECURITY APPLIANCES (CCTV, ACCESS CONTROL) ARE TO BE INSTALLED IN ONE (1) 42U FLOOR MOUNTED LOCKABLE ENCLOSURE.
 2. UPS IS TO BE SIZED TO RUN ALL SECURITY EQUIPMENT FOR ONE (1) HOUR.
 3. PERSONAL PROTECTION DEVICES ARE TO COMMUNICATE WIRELESSLY VIA RF
 4. RISER DIAGRAM IS REPRESENTATIVE OF GENERAL SYSTEM ARCHITECTURE AND APPROXIMATE DEVICE/EQUIPMENT TYPES AND QUANTITIES. PROJECT SPECIFIC RISER DIAGRAM IS TO BE PROVIDED WITH PROPOSALS AND SHALL BE Laid OUT PER THE MANUFACTURER'S BEST PRACTICES TO ACHIEVE THE DESIGN INTENT RESULTS.

PERSONAL PROTECTION
SCHEMATIC – ALARM SYSTEM RISER

4

E5.1-E5.3



- DETAIL NOTES:**
1. ALL SECURITY APPLIANCES (CCTV, ACCESS CONTROL) ARE TO BE INSTALLED IN ONE (1) 42U FLOOR MOUNTED LOCKABLE ENCLOSURE.
 2. UPS IS TO BE SIZED TO RUN ALL SECURITY EQUIPMENT FOR ONE (1) HOUR.
 3. RISER DIAGRAM IS REPRESENTATIVE OF GENERAL SYSTEM ARCHITECTURE AND APPROXIMATE DEVICE/EQUIPMENT TYPES AND QUANTITIES. PROJECT SPECIFIC RISER DIAGRAM IS TO BE PROVIDED WITH SHOP DRAWINGS AND SHALL BE Laid OUT PER THE MANUFACTURER'S BEST PRACTICES TO ACHIEVE THE DESIGN INTENT RESULTS.

SCHEMATIC – PUBLIC ADDRESS SYSTEM RISER 5

E5.1–E5.3