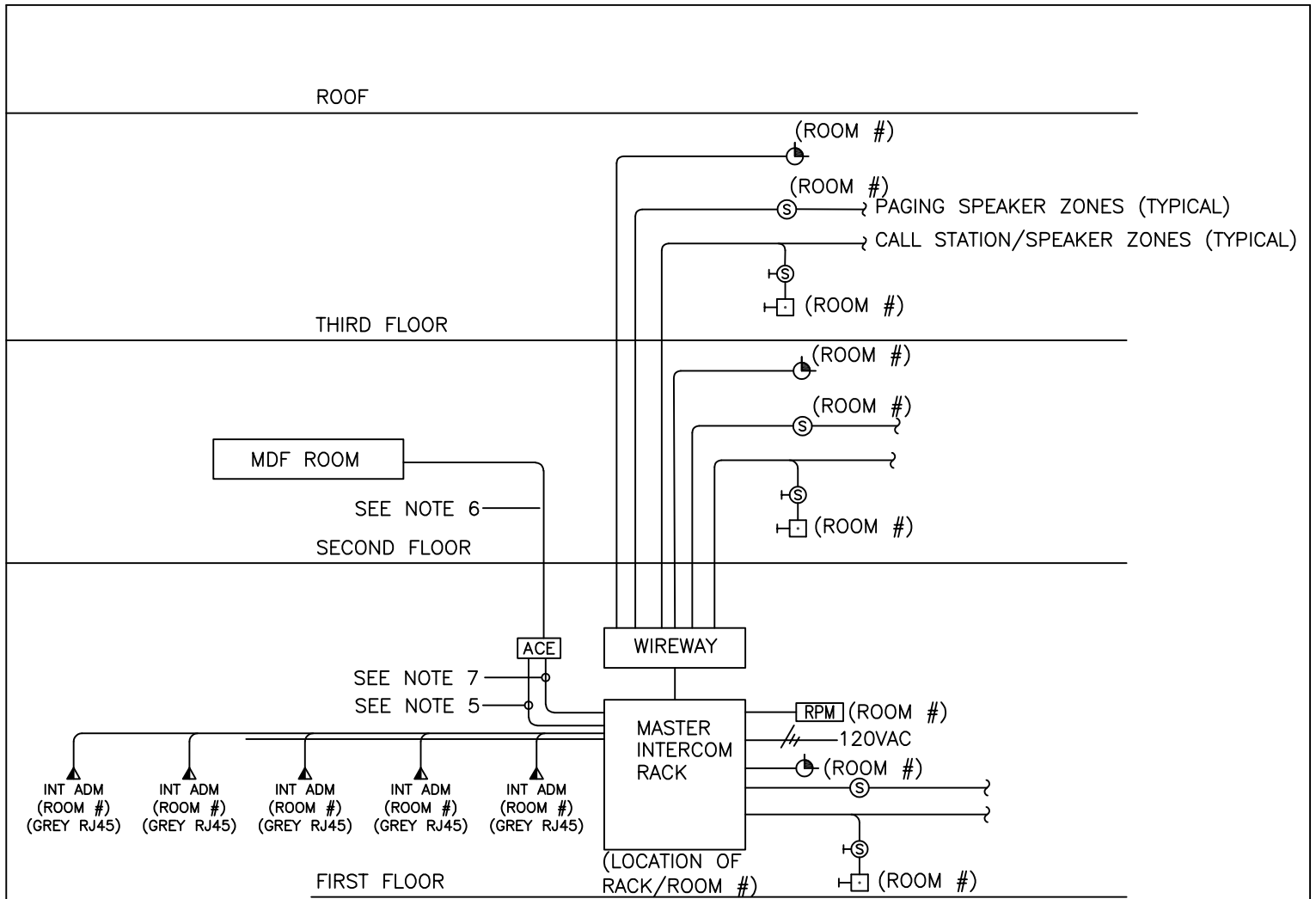




NOTE TO DESIGN ENGINEER: COMPLETE RISER WITH DEVICES, LOCATIONS/ROOMS.
 NOTE TO DESIGN ENGINEER: NOTE 5 & 6 TO BE USED WHEN DIRECTED BY CPS-ITS.

NOTES:

1. RISER DIAGRAM ABOVE IS DIAGRAMMATIC AND IS SHOWN TO PROVIDE A GENERAL OVERVIEW OF MAJOR SYSTEM COMPONENTS AND INTERCONNECTIONS. THIS DIAGRAM IS NOT TO BE USED FOR FIELD INSTALLATION PURPOSES.
2. ALL WIRING SHALL BE IN CONDUIT, 3/4" MINIMUM. ALL WIRING SHALL BE PROVIDED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
3. REFER TO THE FLOOR PLANS FOR DEVICE LOCATIONS AND QUANTITIES.
4. PROVIDE ALL ANCILLARY COMPONENTS, HARDWARE, POWER CONNECTIONS AND WIRING AS REQUIRED FOR A COMPLETE AND OPERATING INTERCOM SYSTEM.
5. PROVIDE 1" CONDUIT BETWEEN MASTER INTERCOM RACK AND NEAREST CONCENTRATOR OR MDF ROOM THAT CONTAINS (2) 4 PAIR CAT 6A (YELLOW) CABLE AND TERMINATE ON 110 BLOCK, WHEN DIRECTED AS PART OF SCOPE (SEE ED.811) IN MDF RM.
6. 2" CONDUIT MINIMUM, SIZED TO ACCOMMODATE ONE 25 PAIR CAT 3 OR 5E, TWO CAT 5E AND THE QUANTITY OF VOICE CABLES INDICATED. PROVIDE SPARE CAPACITY AS INDICATED ON CONCENTRATOR CABLING DETAILS.
7. PROVIDE A MINIMUM OF (2) TWO DATA DROPS FROM THE NEAREST DATA SWITCH (MDF, IDF, CONCENTRATOR ENCLOSURE) HOWEVER THIS NUMBER MUST BE CONFIRMED WITH THE INTERCOM MANUFACTURER REP AS TO THE EXACT NUMBER OF DATA PORTS REQUIRED.

NO.	DATE	REVISION	BY

 CHICAGO PUBLIC SCHOOLS CAPITAL IMPROVEMENT PROGRAM INFORMATION TECHNOLOGY SERVICES INFRASTRUCTURE STANDARDS EXISTING RENOVATION INTERCOM SCHEMATIC RISER DIAGRAM					
DESIGNED CPS					SHEET NO.
DRAWN CPS					
CHECKED CPS					
APPROVED CPS					
	PROJECT NUMBER	SCALE NONE	DATE 09/15/25	ED.804	