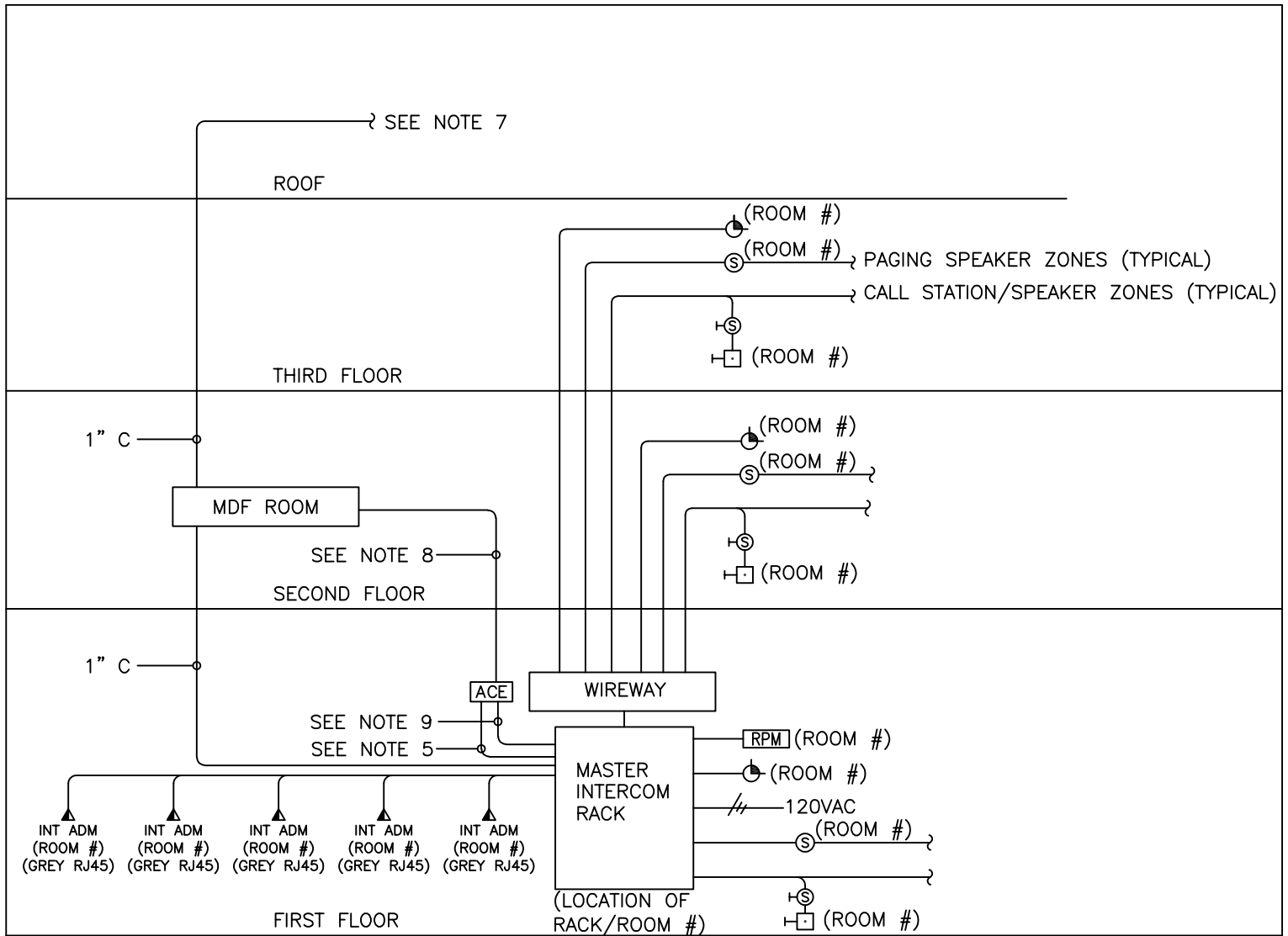




NOTES:

NOTE TO DESIGN ENGINEER: COMPLETE RISER WITH DEVICES, LOCATIONS/ROOMS.

- 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.
- ALL WIRING SHALL BE IN CONDUIT, 3/4" MINIMUM. ALL WIRING SHALL BE PROVIDED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- REFER TO THE FLOOR PLANS FOR DEVICE LOCATIONS AND QUANTITIES.
- PROVIDE ALL ANCILLARY COMPONENTS, HARDWARE, POWER CONNECTIONS AND WIRING AS REQUIRED FOR A COMPLETE AND OPERATING INTERCOM SYSTEM.
- PROVIDE 1" CONDUIT BETWEEN MASTER INTERCOM RACK AND NEAREST CONCENTRATOR, WITH (2) 4 PAIR CAT 6A (YELLOW) CABLES ROUTED TO MDF, TERMINATE TO 110 BLOCK (SEE ED.811) IN MDF RM.
- RPM (REMOTE PROGRAM MONITOR) SHALL BE LOCATED IN WORKROOM OF EACH ADMIN AREA IN MULTIPLE SCHOOL BUILDINGS.
- ANTENNA CABLE SHALL PASS FROM IC HEADEND THROUGH MDF TO ROOF MOUNTED ANTENNA, COORDINATE ROOF PENETRATION WITH ARCHITECT.
- 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.
- 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.



CHICAGO PUBLIC SCHOOLS CAPITAL IMPROVEMENT PROGRAM INFORMATION TECHNOLOGY SERVICES INFRASTRUCTURE STANDARDS

NEW CONSTRUCTION INTERCOM SCHEMATIC RISER DIAGRAM

DESIGNED	CPS		
DRAWN	CPS		
CHECKED	CPS		
APPROVED	CPS		
NO.	DATE	REVISION	BY

PROJECT NUMBER	SCALE NONE	DATE 09/15/25	SHEET NO. ED.803
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