

1. RISER DIAGRAM 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, 1-INCH MINIMUM. WIRING SHALL BE PROVIDED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.
3. PROVIDE ALL ANCILLARY COMPONENTS, HARDWARE, POWER CONNECTIONS AND WIRING AS REQUIRED FOR COMPLETE AND OPERATING DOOR INTERCOM SYSTEM.
4. SYSTEM SHALL BE AS MANUFACTURED BY AIPHONE:
 - A. MASTER STATION: MODEL IX-MV-7B.
 - B. DOOR INTERCOM STATION: MODEL IX-DVF-P.
 - C. SELECTIVE DOOR RELEASE ADAPTOR: MODEL IXW-MA. ONE RELAY IXW-MA PER 4 DOORS.
 - D. POWER SUPPLY: MODEL PS-1225UL
 - E. BACKBOX: MODEL SBX-IDVFRA SHALL BE INSTALLED WHEN BRICK WALL IS INDICATED.
 - F. SECURITY LOCK BOX: MODEL SBX-LIXDVFP SHALL BE INSTALLED FOR AFTER HOURS LOCK DOWN.
5. MAXIMUM DISTANCE FROM EACH STATION TO NETWORK DROP IS 328 FEET WITH CAT 6A CABLE.
6. PROVIDE PULL STRING FOR FUTURE CARD ACCESS.
7. PROVIDE 24 PORT CAT 6A PATCH PANEL (NEW CONSTRUCTION). PROVIDE 24 PORT CAT 5e/6 PATCH PANEL TO MATCH EXISTING (RENOVATION). TERMINATE DOOR STATION CABLES IN PANEL. SUPPLY AND INSTALL PATCH CORDS FOR CONNECTIVITY.
8. JACKS FOR AIPHONE TERMINATIONS ARE TO BE YELLOW IN COLOR.
9. ONE SECURITY LOCK BOX FOR EACH DOOR STATION.
10. CONTACT AIPHONE COMMUNICATIONS (800) 692-0200 FOR FURTHER INFORMATION.

