



**KEYED NOTES:**

- A. STATION/RISER CABLE TERMINATIONS.
- B. LINE AND STATION TERMINATION'S FROM TELEPHONE SYSTEM SWITCH.
- C. AT&T NETWORK INTERFACE WITH "SOLID STATE LIGHTNING PROTECTION".
- D. QUADRUPLX ISOLATED GROUND, 120V, 20A OUTLET.
- E. LADDER TYPE CABLE RACK.
- F. EQUIPMENT RACKS SEE DETAIL ED.102.
- G. PROVIDE (2) 1-INCH EMPTY CONDUITS WITH (2) PULL ROPES FOR FUTURE SATELLITE DISH LOCATED ON ROOF. (1) 1-INCH CONDUIT SHALL BE USED FOR COAX AND (1) 1-INCH CONDUIT SHALL BE USED FOR POWER.
- H. BUS GROUND CAR SEE DETAIL ED.107. PROVIDE 36 WIRE IN 3/4-INCH CONDUIT TO ELECTRICAL PANEL "MDF-1" EQUIPMENT GROUND.
- I. (1) 3-INCH CONDUIT SHALL BE ROUTED FOR CATV SERVICE FROM PROPERTY LINE TO MDF. WHEREVER POSSIBLE INCOMING SERVICE SHALL BE ROUTED ALONG AT&T CONDUIT SERVICE PATHWAY. PULL ROPE TO BE PROVIDED WITHIN CONDUIT, CONTRACTOR TO PROVIDE COMCAST/AT&T WITH CONDUIT FOOTAGE. COORDINATE ALL WORK WITH COMCAST PRIOR TO INSTALLATION. MAXIMUM OF THREE (QTY. 3) 90 DEGREE SWEEPS ARE ALLOWED BEFORE ADDITIONAL PULL BOXES ARE REQUIRED. FIELD DETERMINE EXACT ROUTING AND LOCATION OF CONDUIT. INDICATE TOTAL LINEAL FOOTAGE OF CONDUIT. SEE SITE PLAN FOR ADDITIONAL INFORMATION.
- J. (1) 4-INCH CONDUIT SHALL BE ROUTED FOR AT&T SERVICE FROM PROPERTY LINE TO MDF ROOM. PULL ROPE TO BE PROVIDED WITHIN CONDUIT, CONTRACTOR TO PROVIDE COMCAST/AT&T WITH CONDUIT FOOTAGE. COORDINATE ALL WORK WITH AT&T PRIOR TO INSTALLATION. MAXIMUM OF THREE (QTY. 3) 90 DEGREE SWEEPS ARE ALLOWED BEFORE ADDITIONAL PULL BOXES ARE REQUIRED. FIELD DETERMINE EXACT ROUTING AND LOCATION OF CONDUIT. SEE SITE PLAN FOR ADDITIONAL INFORMATION.
- K. 25 PAIR CAT 5e CABLE LINE TERMINATION FROM CONCENTRATOR ENCLOSURES.
- L. (1) 2-INCH CONDUIT WITH 100 PAIR CABLE TO EXISTING MDF (NEW ADDITION OR REHAB ONLY).
- M. PROVIDE (5) 2-INCH CONDUITS.
  - 1. (1) 2-INCH FOR (4) -25-PAIR CAT 5e FROM EXISTING MDF (NEW ADDITION OR REHAB ONLY).
  - 2. (1) 2-INCH FOR FIBER FROM EXISTING MDF (NEW ADDITION OR REHAB ONLY).
    - 2.1. (1) 6-STRAND FOR SECURITY.
    - 2.2. (2) 6-STRANDS FOR DATA.
  - 3. (1) 2-INCH FOR COAX - RG-59 FROM EXISTING MDF (NEW ADDITION OR REHAB ONLY).
  - 4. (1) 2-INCH SPARE FROM EXISTING MDF (NEW ADDITION OR REHAB ONLY).
  - 5. (1) 2-INCH FOR INTERCOM CONNECTIVITY FROM EXISTING HEADHEND. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM EXACT SIZE WITH INTERCOM SYSTEM MANUFACTURER.
- N. DUPLEX COMMON POWER, 120V, 20A OUTLET.
- O. PROVIDE DISSIPATIVE STATIC STRIP AT SURFACE DIRECTLY BELOW GROUND BUS BAR.
- P. PROVIDE #6 WIRE TO ROOM TELECOMMUNICATION EQUIPMENT GROUND BUS.
- Q. 4'-0" X 8'-0" BACKING PANEL (PAINTED AND FIRE RETARDANT TREATED).

FOR DIAGRAMMATIC PURPOSES ONLY  
N.T.S.

**NOTES:**

- 1. FOR RACK MOUNTING AND GROUND BAR REFER TO DETAILS ED.105 AND ED.106.
- 2. FOR ISOLATED GROUND RECEPTACLE REFER TO DETAILS ED.910 AND ED.911.
- 3. FRONT OF RACK IS CONSIDERED FACING DOOR.
- 4. ON RACK #3 EXTEND LADDER RACK TO OTHER SIDE OF ROOM.
- 5. THE FINISHED FLOOR IN THE MDF SHALL BE A STATIC DISSIPATIVE TILE.

<b>CHICAGO PUBLIC SCHOOLS</b> <b>CAPITAL IMPROVEMENT PROGRAM</b> <b>INFORMATION TECHNOLOGY SERVICES</b> <b>INFRASTRUCTURE STANDARDS</b>															
<b>ISOMETRIC VIEW OF</b> <b>MDF ASSEMBLY</b>															
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