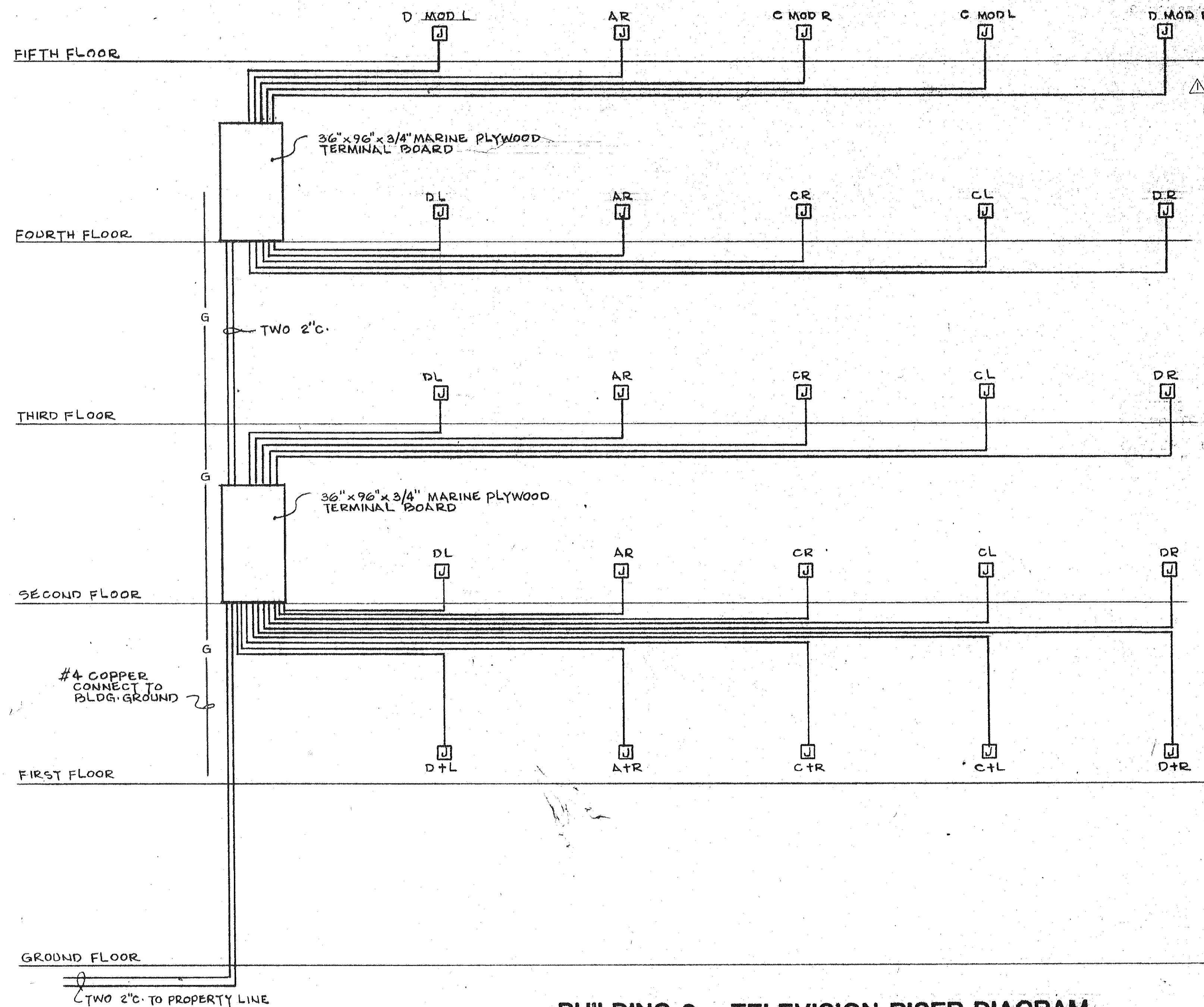


THREE BEDROOM APARTMENT RISER DIAGRAM

TWO BEDROOM APARTMENT RISER DIAGRAM

ONE BEDROOM APARTMENT RISER DIAGRAM

PROVIDE BLANK WHITE PLASTIC COVER PLATES AT ALL TELEVISION OUTLETS



BUILDING 3 - TELEVISION RISER DIAGRAM

- B. ELEVATOR SHALL BE TEMPORARILY STOPPED DURING THE START-UP OF THE FIRE PUMP.
- C. ELEVATOR MAY OPERATE ON EMERGENCY POWER, (POWER FAILURE - NO FIRE ALARM).
- D. ELEVATOR SHALL BE PROVIDED WITH A FIREMAN'S OVERRIDE SWITCH TO ALLOW SELECTION OF THE ELEVATOR TO OPERATE WHILE ON EMERGENCY POWER.
- E. THE FIRE ALARM CONTROL PANEL SHALL BE PROVIDED WITH A "LED" STATUS INDICATOR (BY FLOOR) OF ELEVATOR.
- 22. ALL DISCONNECT SWITCHES SHALL BE THE HEAVY DUTY TYPE WITH BUSSMAN TIME DELAY, DUAL ELEMENT, AND CURRENT LIMITING FUSES.
- 23. ALL CROSS HATCHED LIGHT FIXTURES SHALL BE ON EMERGENCY CIRCUITS.
- 25. FIRE ALARM SYSTEM - EACH AIR HANDLER SHALL BE PROVIDED WITH DUCT MOUNTED SMOKE DETECTOR IN RETURN DUCTWORK, AND FIRE ALARM SHUT-DOWN RELAY. EACH AIR HANDLER SHALL SHUT-DOWN UPON ACTIVATION OF ITS SMOKE DETECTOR.
- 26. THE CONTRACTOR IS DIRECTED TO VERIFY ALL CEILING MEDIA AND LIGHT FIXTURE FRAMING AND MOUNTINGS PRIOR TO SHOP DRAWING SUBMITTALS. ANY DEVIATION NECESSARY FROM CONTRACT DRAWINGS SHALL BE INDICATED ON SAID SHOP DRAWING SUBMITTAL FOR APPROVAL BY ENGINEER.
- 27. ALL ELECTRICAL WIRING DEVICES INDICATED TO BE INSTALLED IN WALLS OR FLOORS SHALL BE FLUSH MOUNTED; INCLUDING UNIT LOAD CENTERS THE CONDUITS TO ASSOCIATED ELECTRICAL EQUIPMENT SHALL BE CONCEALED IN WALLS OR FLOOR.
- 28. THE CONTRACTOR SHALL THOROUGHLY REVIEW THE ARCHITECTURAL AND MECHANICAL PLANS TO ASSURE THAT ELECTRICAL SERVICE FOR ALL ITEMS AND/OR EQUIPMENT REQUIRING ELECTRICAL SERVICE IS INCLUDED IN BID. ANY ITEM AND/OR EQUIPMENT NOT PROVIDED WITH ELECTRICAL SERVICE, REQUIRING ELECTRICAL SERVICE, SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO BID.

GENERAL ELECTRICAL NOTES:

1. ALL ELECTRICAL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE, THE STANDARD BUILDING CODE, THE NATIONAL FIRE CODES, AMERICAN NATIONAL STANDARD SAFETY CODE FOR ELEVATORS AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.
2. THE CONTRACTOR SHALL THOROUGHLY REVIEW THE PROJECT TO ENSURE THAT ALL WORK SHALL MEET OR EXCEED THE ABOVE REQUIREMENTS. ANY ALLEGED DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO BID.
3. THE CONTRACTOR IS DIRECTED TO OBTAIN COPIES OF ALL RELATED PLANS, SPECIFICATIONS, SHOP DRAWINGS AND ADDENDUMS TO COORDINATE THE RELATED WORK AND SCHEDULING.
4. THE CONTRACTOR IS REMINDED THAT ELECTRICAL SERVICE TO AND FOR MECHANICAL AND OTHER EQUIPMENT ARE BASED ON EQUIPMENT DESIGN DATA. THE VALUES MAY DIFFER DEPENDING UPON THE ACTUAL EQUIPMENT TO BE FURNISHED; ANY MODIFICATION TO THE ELECTRICAL, BASED UPON ACTUAL EQUIPMENT SELECTION, SHALL RESULT IN NO ADDITIONAL COST TO THE OWNER.
5. MECHANICAL AND ELECTRICAL EQUIPMENT HAVE BEEN LOCATED AND ARRANGED TO MINIMIZE THE INTERFERENCES OF EQUIPMENT AND STRUCTURE. THE CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THE WORK TO BE PERFORMED BY OTHER TRADES AND THE PHYSICAL CHARACTERISTICS OF THE STRUCTURE IN ORDER TO SCHEDULE AND INSTALL EQUIPMENT AND TO MINIMIZE POSSIBLE INTERFERENCE. FAILURE TO PROPERLY COMMUNICATE AND SCHEDULE WORK WITH OTHER TRADES RESULTING IN ADDITIONAL WORK AND MATERIAL, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE MODIFICATIONS REQUIRED TO RESOLVE THE CONFLICT SHALL BE DECIDED BY THE ENGINEER.
6. PRELIMINARY COORDINATION HAS BEEN STARTED WITH BOTH THE LOCAL TELEPHONE COMPANY AND POWER COMPANY. THE RESULTING UTILITY REQUIREMENTS ARE INDICATED ON THE PLANS; THE CONTRACTOR IS DIRECTED TO OBTAIN FINAL UTILITY REQUIREMENTS AND/OR SPECIFICATIONS AND INCLUDE ALL COST AND CHARGES IN HIS BID.
7. ALL CONDUIT TURN-UPS SHALL BE MADE WITH RIGID GALVANIZED CONDUIT COATED WITH RUST INHIBITOR.
8. MINIMUM TRADE SIZE CONDUIT PERMITTED SHALL BE 3/4" INCH UNLESS NOTED OTHERWISE.
9. ALL CONDUITS SHALL HAVE A SEPARATE GREEN GROUND CONDUCTOR INSTALLED FOR GROUNDING.
10. ALL CONDUITS SHALL BE CONNECTED BY MEANS OF COMPRESSION TYPE CONNECTIONS; NO SET SCREW TYPE FITTINGS SHALL BE PERMITTED.
11. THE CONTRACTOR SHALL COORDINATE WITH THE ROOFING AND WATERPROOFING CONTRACTOR TO ACCOMMODATE THE NECESSARY PENETRATIONS OF CONDUITS. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THESE COSTS ARE INCLUDED IN HIS BID.
12. ALL LIGHTING, POWER, COMMUNICATIONS, SECURITY AND FIRE ALARM SYSTEMS SHALL BE INSTALLED IN SEPARATE AND DEDICATED CONDUIT SYSTEMS.
13. THE PLANS INDICATE THE DESIRED ARRANGEMENT AND GENERAL LOCATIONS OF THE LIGHT FIXTURES. THE ARCHITECTURAL PLANS INDICATE ADDITIONAL DATA AS TO THE FINAL FIXTURE PLACEMENT.
14. THE CONTRACTOR SHALL FURNISH THE AIR CONDITIONING CONTRACTOR AND THE CEILING CONTRACTOR COPIES OF APPROVED LIGHT FIXTURE SHOP DRAWINGS.
15. FIRE ALARM SYSTEM - THE FIRE ALARM RISER DIAGRAM INDICATES THE MAJOR DEVICES ONLY AND IS NOT INTENDED TO BE ALL INCLUSIVE. THE CONTRACTOR SHALL EXAMINE ALL FLOOR PLANS AND THE RISER DIAGRAM FOR ACTUAL DEVICE LOCATIONS. IN ADDITION, THE CONTRACTOR SHALL SUBMIT DETAILED CONDUIT AND WIRING DIAGRAM AND DEVICE DATA SHEETS FOR APPROVAL BY THE ENGINEER.
16. THE CONTRACTOR SHALL MAINTAIN A SEPARATION OF EMERGENCY POWER AND NORMAL POWER. ALL EMERGENCY AND NORMAL POWER WIRING SHALL BE IN SEPARATE CONDUITS.
17. ALL CONDUCTOR METAL SHALL BE COPPER WITH 600 VOLT INSULATION TYPE THW, THHN/THWN, OR THW/THHN/THWN. (MINIMUM SIZE SHALL BE #12AWG.)
18. ALL CONDUIT RUNS SHALL BE CONCEALED UNLESS SPECIFICALLY NOTED OTHERWISE.
19. ALL SPECIAL PURPOSE OUTLETS SHALL BE PROVIDED TO MATCH EQUIPMENT TO BE SUPPLIED.
20. ALL LIGHT SWITCHES AND DUPLEX RECEPTACLES SHALL BE RATED FOR 20 AMPERE AT 125 VOLTS A/C. WIRING DEVICES SHALL BE MANUFACTURED BY HUBBELL OR APPROVED EQUAL.
21. THE CONTRACTOR SHALL THOROUGHLY COORDINATE WITH THE ELEVATOR CONTRACTOR AND ENSURE THAT ALL LABOR AND MATERIALS ARE INCLUDED TO CORRECTLY INSTALL AND OPERATE THE ELEVATOR SYSTEM SUCH AS TRAVELING CABLES, FUSE SIZES, ELEVATOR CAB LIGHT POWER, AND ELEVATOR CONTROL AND STATUS FROM THE FIRE ALARM CONTROL PANEL. ELEVATOR SHALL BE INTERLOCKED WITH THE EMERGENCY GENERATOR AND FIRE PUMP CONTROLLER. THE FOLLOWING SHALL BE THE LIMITATIONS OF THE ELEVATOR OPERATION WHILE ON EMERGENCY POWER:
 - A. ELEVATOR SHALL OPERATE DURING THE TIME THE FIRE PUMP IS RUNNING.

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