



NOTES:

1. PROVIDE ALARM JUNCTION BOX, HOFFMAN NO. A-14N124 WITH NO. A-14N2LP PANEL, AND STANDARD SLOTTED FLUSH LATCH.
2. FINAL LOCATION OF ANTENNA TO BE SELECTED BY U OF M RADIO SHOP.
3. ANTENNA CONDUIT SHALL HAVE A MAXIMUM OF TWO 90 DEGREE BENDS. WITH A MINIMUM BEND RADIUS OF 6". IF THIS IS NOT POSSIBLE, INSTALL 6"x6"x4" JB'S AT BENDS TO MEET THIS REQUIREMENT. COAX RUN FROM RTU TO ANTENNA SHALL NOT EXCEED 50'.
4. PROVIDE A GREENLEE CONDUIT MEASURING TAPE: PART # 435 FROM MOSCAD RTU BOX TO ANTENNA.
5. ALL CONDUITS SHALL ENTER RTU BOX WITHIN 6" OF CORNERS TO PREVENT INTERFERENCE WITH RTU ELECTRONICS INSTALLATION.
6. PROVIDE 12 CONDUCTOR (MINIMUM) CABLE COMPATIBLE WITH FIRE ALARM SYSTEM INSTALLED IN BUILDING. CONNECT ONE PAIR OF WIRES TO "BUILDING FIRE ALARM" CONTACTS IN THE FIRE ALARM CONTROL PANEL, ONE PAIR TO "FIRE ALARM SUPERVISORY", ONE PAIR TO "FIRE ALARM SYSTEM TROUBLE" AND ONE PAIR TO "FIRE ALARM SYSTEM MAINTENANCE ALERT". REMAINING CONDUCTORS ARE SPARES. CONTACTS IN THE FIRE ALARM CONTROL PANEL SHALL BE NORMALLY CLOSED SO CIRCUITS CAN BE SUPERVISED.
7. PROVIDE DEDICATED, LOCKING 20A, 1-P CIRCUIT BREAKER & CIRCUIT W/INSULATED GROUND WIRE TO MOSCAD. PROVIDE QUAD RECEPTACLES ON DEDICATED CIRCUIT. INSTALL LOCK ON BRANCH CIRCUIT BREAKER SERVING FIRE ALARM PANEL.
8. U OF M RADIO SHOP PROVIDES MOSCAD RTU BOX, ELECTRONICS IN MOSCAD RTU AND ALARM JUNCTION BOXES, ANTENNA CABLE, ANTENNA, FINAL MOSCAD RTU CONNECTIONS AND PROGRAMMING, FINAL CONNECTIONS IN ALARM JUNCTION BOX AND ANTENNA INSTALLATION & CONNECTIONS.
9. PROVIDE 22AWG, 25 TWISTED PAIR JACKETED CABLE.
10. PROVIDE 6 CONDUCTOR (MINIMUM) CABLE. CONNECT ONE PAIR OF WIRES TO "FIRE PUMP RUNNING" CONTACTS IN FIRE PUMP CONTROLLER AND ONE PAIR TO "FIRE PUMP TROUBLE". REMAINING CONDUCTORS ARE SPARES. CONTACTS IN FIRE PUMP CONTROLLER SHALL BE NORMALLY CLOSED.
11. RF SITES LOCATED AT DENNISON, WOLVERINE TOWER AND NC SERVICE BUILDING #1.

MOSCAD RTU ELECTRICAL DETAIL

NO SCALE

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