



## 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. THE COAX RUN FROM RTU TO ANTENNA SHALL NOT EXCEED 50'.
4. PROVIDE A GREENLEE CONDUIT MEASURING TAPE: PART # 435 FROM MC-EDGE 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". THE REMAINING CONDUCTORS ARE SPARES. THE 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 MC-EDGE. PROVIDE QUAD RECEPTACLES ON DEDICATED CIRCUIT. INSIDE OF ALARM JUNCTION BOX. INSTALL LOCK ON BRANCH CIRCUIT BREAKER SERVING FIRE ALARM PANEL.
8. U of M RADIO SHOP PROVIDES MC-EDGE RTU BOX, ELECTRONICS IN MC-EDGE RTU AND ALARM JUNCTION BOXES, ANTENNA CABLE, ANTENNA, FINAL MC-EDGE 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". THE REMAINING CONDUCTORS ARE SPARES. THE CONTACTS IN FIRE PUMP CONTROLLER SHALL BE NORMALLY CLOSED.
11. RF SITES LOCATED AT WOLVERINE TOWER, WEISER HALL, NC SERVICE BUILDING #1, AND MOTT'S CHILDRENS HOSPITAL.

## MC-EDGE RTU ELECTRICAL DETAIL

NO SCALE

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NOT TO BE DISCLOSED TO PERSONS OUTSIDE OF THIS PROJECT.**