



NOTES:

1. ALL WIRING MUST BE IN MINIMUM 3/4" CONDUIT.
2. ALL LOW VOLTGE WIRING (< 25 V) TO BE MINIMUM 18 AWG STRANDED, TWISTED SHIELDED PAIR UNLESS SPECIFIED OTHERWISE OR REQUIRED BY THE DEVICE.
3. ALL TERMINATION CONNECTIONS IN THE 8X8 J-BOX AND METASYS CONTROLLER ARE DONE BY THE OWNER.
4. WIRING FROM DOOR CONTROLLER EQUIPMENT MUST BE CLEARLY IDENTIFIED.
5. ALL ELECTRONIC LOCKING DEVICES MUST HAVE 24VDC COILS. DEVICES REQUIRING MORE THAN 400MA MUST HAVE ITS OWN POWER SUPPLY.
6. ANY DOOR FRAME WIRE PENETRATIONS MUST BE INSTALLED WITH A GROMMET.
7. PROVIDE ADDITIONAL ELECTRONIC LOCKING DEVICES CONNECTED TO DOOR CONTROLLER SIGNAL AS REQUIRED FOR EACH DOOR LOCATION.
8. DOOR OPERATOR SEQUENCER TO BE BEA BR3 OR EQUIVALENT. SEQUENCER TO BE LOCATED IN 8X8 J-BOX.
9. DOOR POSITION SWITCH PREFERRED TO BE INTEGRAL LATCH MONITOR. IF NOT FEASIBLE USE CONCEALED MAGNETIC SWITCH. INSTALL ONE DPS FOR EACH LEAF AND WIRE IN SERIES.

SEQUENCE OF OPERATION:

1. DOOR OPERATOR SEQUENCER SHALL ENERGIZE THE LOCKING DEVICE AND THE DOOR OPERATOR MOTOR (AFTER A ONE SECOND DELAY) IF EITHER OF THE DOOR SENSORS ARE ACTIVATED.
2. LOCKED HOURS WILL BE DETERMINED BY THE METASYS SYSTEM.
3. DURING UNLOCKED HOURS, THE CONTROLLER WILL ENERGIZE THE LOCKING DEVICE AND ENABLE THE EXTERIOR DOOR OPERATOR SENSOR.
4. DURING LOCKED HOURS, THE CONTROLLER WILL DE-ENERGIZE THE LOCKING DEVICE AND DISABLE THE EXTERIOR DOOR OPERATOR SENSOR.
5. INTERIOR DOOR OPERATOR SENSOR SHALL REMAIN OPERABLE AT ALL TIMES.

D E=LOCK DOOR WITH OPERATOR
NO SCALE

