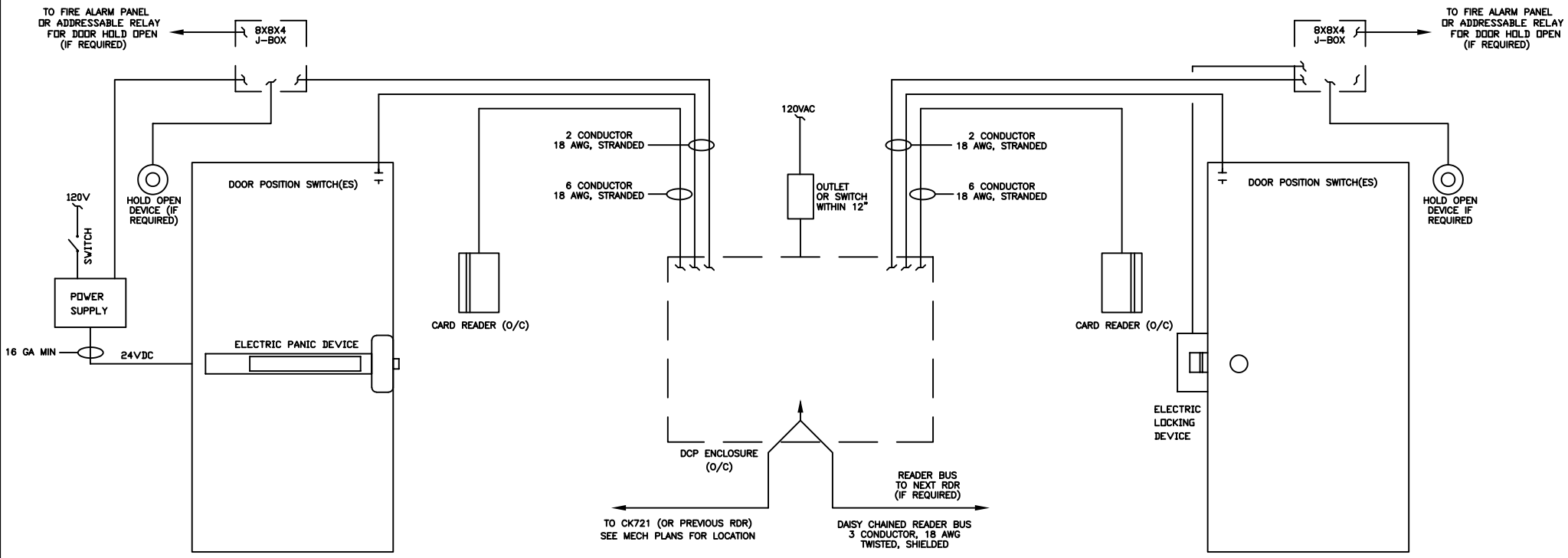

NOTES:

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. O/C = OWNER PROVIDED, CONTRACTOR INSTALLED. ALL OTHER COMPONENTS ARE CONTRACTOR PROVIDED AND CONTRACTOR INSTALLED.
4. ALL TERMINATION CONNECTIONS IN THE 8X8 J-BOX AND DCP ENCLOSURE ARE DONE BY THE OWNER.
5. WIRING FROM DOOR CONTROLLER EQUIPMENT MUST BE CLEARLY IDENTIFIED.
6. ALL ELECTRONIC LOCKING DEVICES MUST HAVE 24VDC COILS. DEVICES REQUIRING MORE THAN 400MA MUST HAVE ITS OWN POWER SUPPLY.
7. ELECTRICAL OUTLET OR SWITCH TO BE MOUNTED ABOVE OWNER PROVIDED DCP ENCLOSURE LOCATED IN ELECT OR MECH ROOM OR AS LOCATED ON PLANS. USE OUTLET FOR SMALL DCP. USE SWITCH FOR LARGE DCP.
8. ANY DOOR FRAME WIRE PENETRATIONS MUST BE INSTALLED WITH A GROMET.
9. PROVIDE ADDITIONAL ELECTRONIC LOCKING DEVICES CONNECTED TO DOOR CONTROLLER SIGNAL AS REQUIRED FOR EACH DOOR LOCATION.
10. 8X8X4 J-BOX ONLY REQUIRED IF DOOR HOLD OPENS ARE REQUIRED.
11. 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 P2000 SYSTEM.
3. DURING UNLOCKED HOURS, THE RDR WILL ENERGIZE THE LOCKING DEVICE AND DOOR HOLD OPEN (IF REQUIRED) AND ENABLE THE EXTERIOR DOOR OPERATOR SENSOR.
4. DURING LOCKED HOURS, THE RDR WILL DE-ENERGIZE THE LOCKING DEVICE AND DOOR HOLD OPEN (IF REQUIRED) AND DISABLE THE EXTERIOR DOOR OPERATOR SENSOR UNLESS A VALID ID CARD IS READ BY THE CARD READER.
5. INTERIOR DOOR OPERATOR SENSOR SHALL REMAIN OPERABLE AT ALL TIMES.

Ⓐ CARD ACCESS DOOR
NO SCALE

UNIVERSITY OF MISSOURI- COLUMBIA ENERGY MANAGEMENT CONTROL SYSTEMS	BUILDING: VARIOUS SYSTEM: CARD ACCESS	DRAWN BY: KYLER TURNER	LOCATION: VARIOUS	LAST MODIFIED: JUNE 20, 2006 KKT
		DRAWING: CARDCC.DWG	DATE: JUNE 20, 2006	