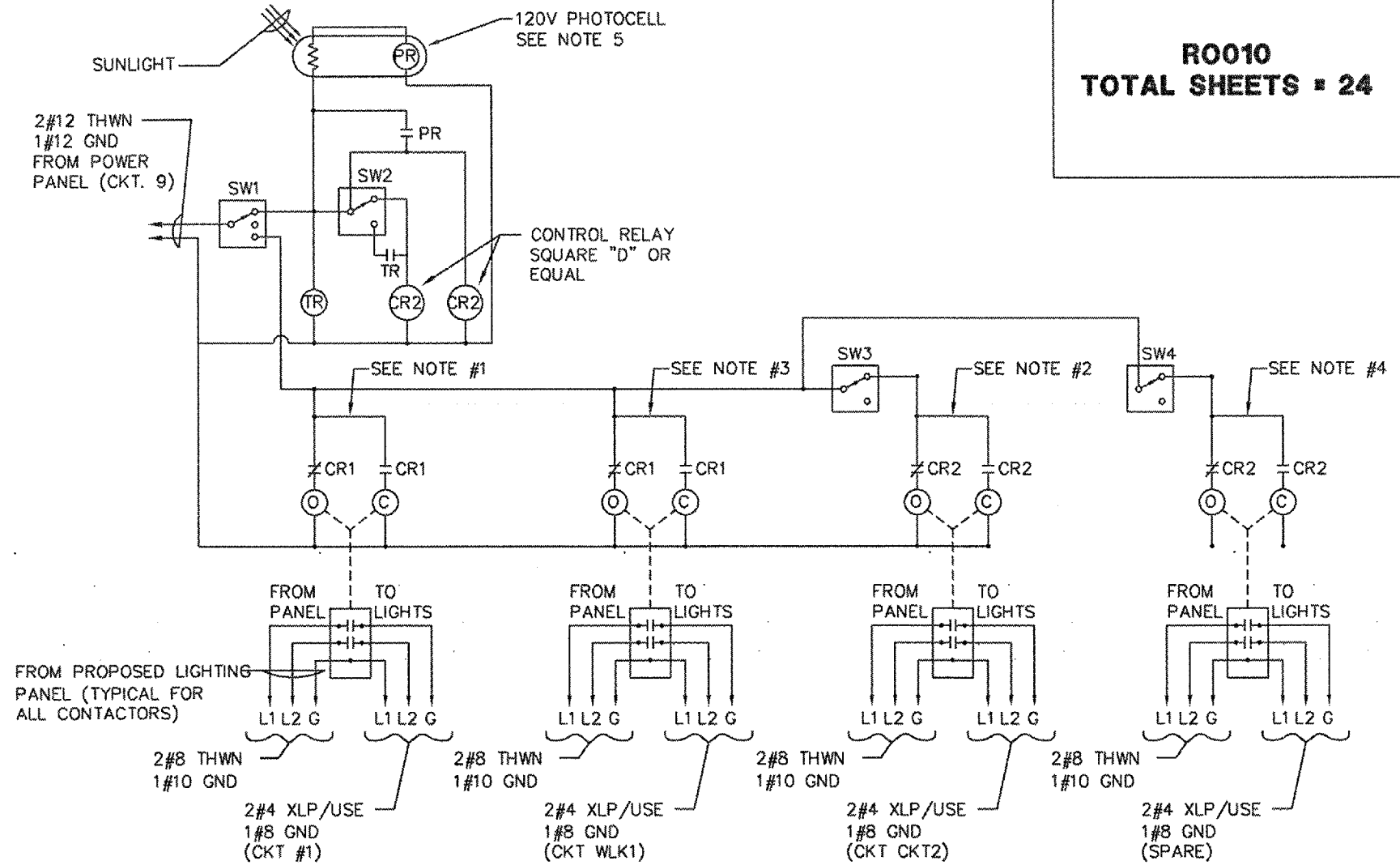


SWITCH SCHEDULE	
SWITCH	LABEL
SW1	HAND-OFF-AUTO
SW2	PHOTOCELL-TIME
SW3	(ON-OFF) CKT2
SW4	(ON-OFF) SPARE

PROPOSED LIGHT POLE SCHEDULE			
POLE #	NO. OF FIXTURES	CURCUIT # @ 240V	STATION & OFFSET
P-1	1	1,NL	9+40, 18.5' RT. BL. A
P-2	1	1	8+11.5, 18.5' RT. BL. A
P-3	3	1,NL	6+30, 18.5' RT. BL. A
P-4	3	1	22+36, 65' LT. BL. B
P-5	3	1,NL	24+26, 65' LT. BL. B

**NOTES:**

1. THE ROUTING OF THE PROPOSED CABLES AND CONDUIT SHOWN IS FOR INFORMATION ONLY, THE EXACT ROUTING SHALL BE COORDINATED WITH THE ENGINEER. THE MINIMUM BURIAL DEPTH OF THE CABLES SHALL BE 30" BELOW FINISHED GRADE.
2. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF EXISTING UTILITIES. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
3. ANY SPLICES TO THE PROPOSED CABLES SHALL BE MADE INSIDE THE HANDHOLE OR POLE BASES. NO DIRECT BURIED SPLICES WILL BE ALLOWED. ALL SPLICES SHALL BE WATER PROOF AND SHALL HAVE HEAT SHRINK TUBING OVER THE ENTIRE SPLICE.
4. ALL AREAS DISTURBED AS A RESULT OF THE WORK UNDER THIS CONTRACT SHALL BE RESTORED, THE COST OF RESTORATION SHALL BE INCIDENTAL TO THE RESPECTIVE ITEMS.
5. WHEN CROSSING UNDERGROUND UTILITIES, CONTRACTOR SHALL HAND DIG THE TRENCH TO AVOID ANY DAMAGE. CONTRACTOR MAY BE REQUIRED TO ROUTE THE PROPOSED CABLES UNDER THE EXISTING UTILITIES AS DIRECTED BY THE RESIDENT ENGINEER. NO ADDITIONAL COMPENSATION WILL BE MADE FOR WORK REQUIRED TO PLACE CABLES BENEATH EXISTING UTILITIES.
6. GROUND ROD SHALL BE 3/4" DIA. 10' LONG, CONTRACTOR SHALL ROUTE 1-#4 GND. WIRE FROM GROUND ROD POWER PANEL GROUND LUG IN LIGHTING CONTROLLER. GROUND ROD SHALL BE BURIED 1'-0" BELOW FINISH GRADE. CONNECTIONS TO GROUND ROD SHALL BE ONE-SHOT EXOTHERMIC TYPE.
7. THE LOCATION OF THE LIGHTING CONTROLLER SHOWN IS FOR INFORMATION PURPOSES ONLY AND SHALL BE FIELD ADJUSTED TO THE SATISFACTION OF THE ENGINEER.
8. CONTRACTOR SHALL PROVIDE 2" RISER AT UTILITY POLE. CONTRACTOR SHALL LEAVE MINIMUM 10'-0" SLACK OF CABLES FOR TERMINATION BY THE UTILITY COMPANY. THE SERVICE SHALL BE 60 AMP 120/240 VAC 1-PHASE.
9. CONTRACTOR SHALL INSTALL PHOTOCELL ON PEDESTAL MOUNTED CABINET.



**LIGHTING CONTACTORS WIRING SCHEMATIC**

NOT TO SCALE

**NOTES:**

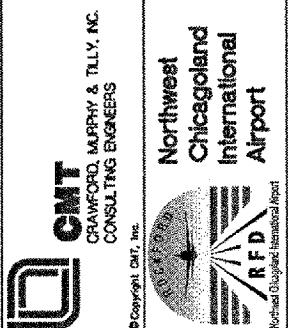
1. 2 POLE , 50 AMP, MECHANICALLY HELD LIGHTING CONTACTOR FOR CKT #1.
2. 2 POLE, 50 AMP, MECHANICALLY HELD LIGHTING CONTACTOR FOR CKT #2.
3. 2 POLE, 50 AMP, MECHANICALLY HELD LIGHTING CONTACTOR FOR NIGHT LIGHT CIRCUIT. (WLK1)
4. 2 POLE, 50 AMP MECHANICALLY HELD LIGHTING CONTACTOR FOR SPARE.
5. PHOTOCELL SHALL BE MOUNTED ON TOP OF CONTROLLER. CONTRACTOR SHALL SHIELD PHOTOCELL FROM SURROUNDING LIGHTS AT NO ADDITIONAL COST.

**R0010  
TOTAL SHEETS = 24**

REVISIONS		
NUMBER	BY	DATE

0 1  
THIS BAR IS EQUAL TO 1"  
AT FULL SCALE (17 X 11).

**GREATER ROCKFORD AIRPORT AUTHORITY  
ROCKFORD, ILLINOIS  
ILLINOIS PROJECT. RFD-2820  
NORTH AND WEST AUTO PARKING  
ELECTRICAL DETAILS - 2**



DESIGN BY:	AB
DRAWN BY:	CMT
CHECKED BY:	AB
APPROVED BY:	
DATE:	5.13.2005
JOB No:	05258-04-00