

DATE _____ BY _____
 SURVEYED _____ ALIGNED _____
 RT. OF WAY CHECKED _____
 CAD FILE NAME _____

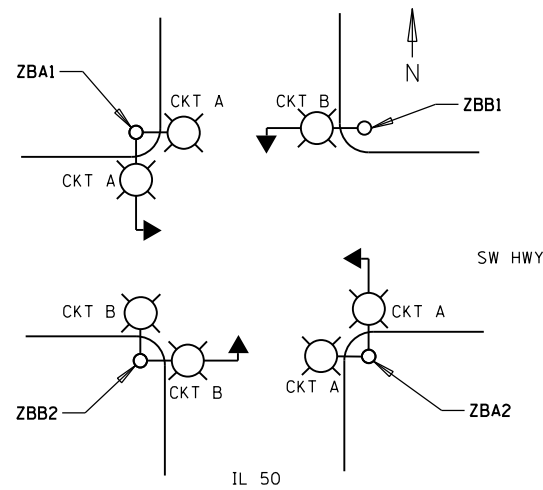
PLAN _____
 NOTE BOOK _____
 NO. _____

ENGINEERING LTD.
CHRISTOPHER B. BURKE
 8575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (647) 923-5930

DATE _____ BY _____
 SURVEYED _____ GRADES CHECKED _____
 ELEM. NOTED _____ STRUCTURE NOTATIONS CHK'D _____
 NOTE BOOK _____
 NO. _____

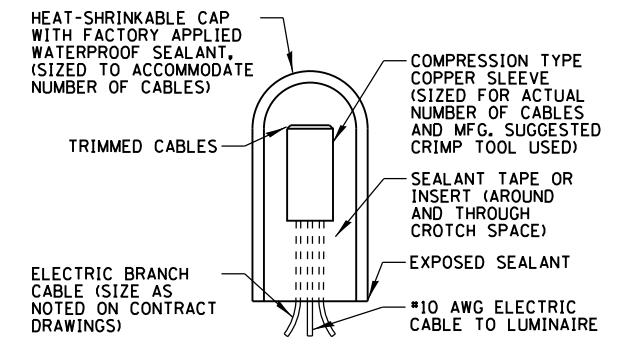
PANEL EQUIPMENT

BILL OF MATERIALS		
ITEM	QUANTITY	DESCRIPTION
A	1	CIRCUIT BREAKER, THERMAL MAGNETIC MOLDED CASE, 1 POLE, 120 VOLT 100 AMP FRAME, 40 AMP TRIP, INTERRUPTING RATING 10K RMS SYMMETRICAL AMP
B	1	REMOTE CONTROL SWITCH, ELECTRICALLY OPERATED, MECHANICALLY HELD, 2 POLE, SINGLE THROW, 60 AMP., 600 VOLTS CONTROL CIRCUIT 120 VOLT
C	2	CIRCUIT BREAKERS, 1 POLE, 100 AMP. FRAME 30 AMP NON-INTERCHANGEABLE TRIP INTERRUPTING RATING NEMA 10K AMP
D	1	CONTROL CIRCUIT-CIRCUIT BREAKER, 1 POLE 100 AMP FRAME, 15 AMP NON-INTERCHANGEABLE TRIP, INTERRUPTING RATING 10K RMS SYMMETRICAL AMP
E	1	ASTRONOMIC MICROPROCESSOR-BASED 2-CHANNEL CONTROLLER (TIME SWITCH)
F	1	COPPER GROUND BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8mm) LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS
G	1	COPPER NEUTRAL BUS 1/4" (6.35) X 1" (25.4) X 12" (304.8mm) LONG MOUNTED ON PANEL WITH LUGS AND 4 SPARE LUGS
H	1	H-O-A SWITCH
I	1	RELAY, 2 POLE, SINGLE THROW, 120 VOLT COIL, CURRENT RATING TO BE COORDINATED WITH CONTRACTOR
J	1	FIBERGLASS ENCLOSURE, APPROX. 20"W X 24"H X 8"D WITH HINGED COVER & 3 POINT LATCH, NEMA 4X, GRAY



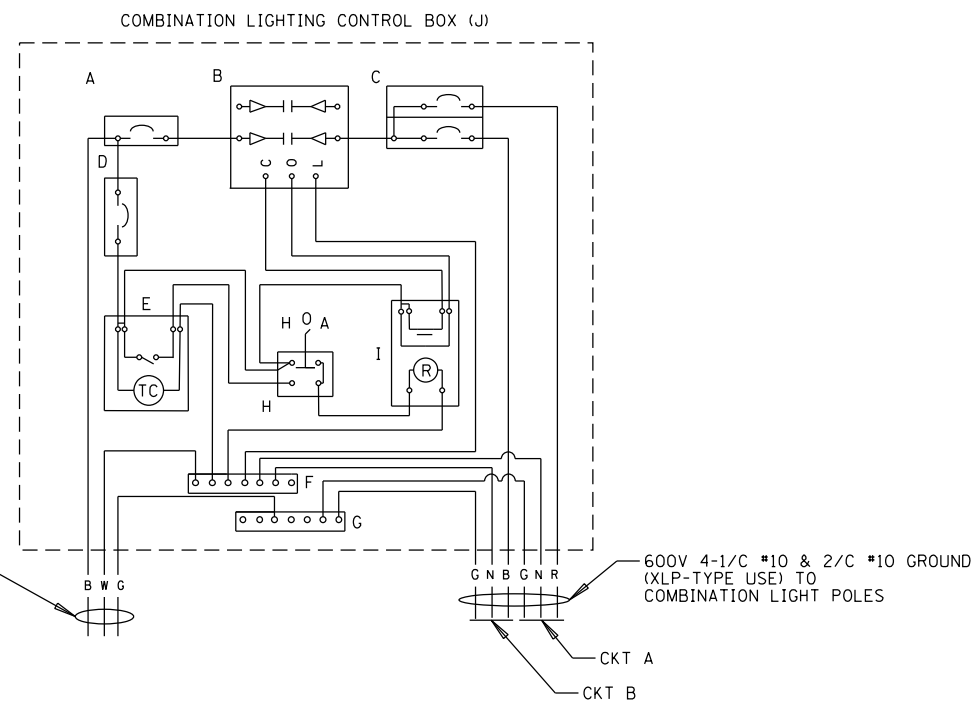
LIGHTING LAYOUT

N.T.S



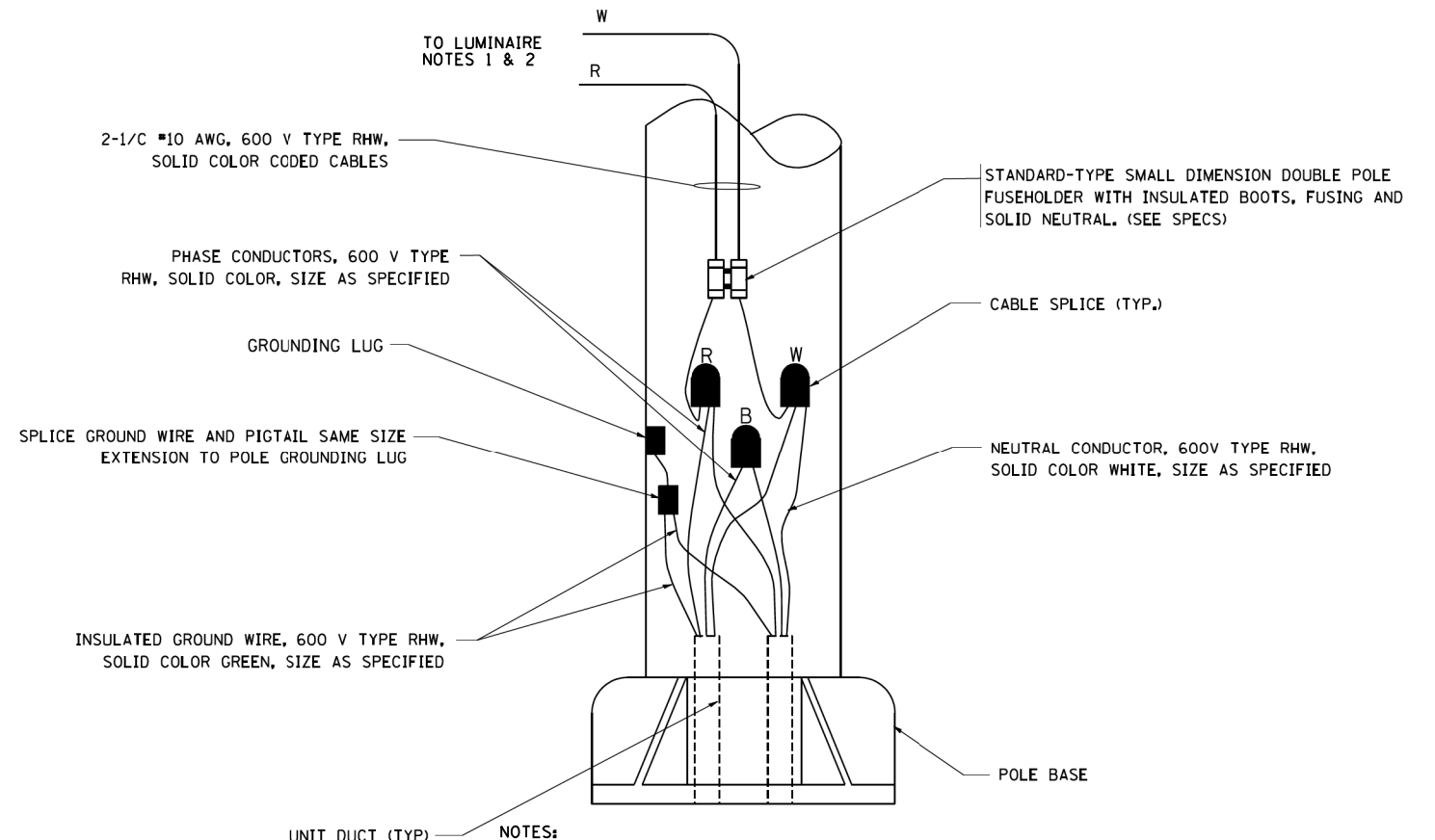
SPlicing ELECTRIC CABLE

N.T.S.



COMBINATION LIGHTING CONTROLLER WIRING DIAGRAM

N.T.S



HANDHOLE WIRING DIAGRAM

N.T.S.

HANDHOLE WIRING DIAGRAM

N.T.S.

FILE NAME =	USER NAME = fbariso	DESIGNED - GAH	REVISED - ADDENDUM
N:\Idot\130116\Work Order 13018 - IL585M	Wj\Mech\LD1_130116_01.SHT	DRAWN - LRR	REVISED -
	PLOT SCALE = 48"	CHECKED - AJD	REVISED -
	PLOT DATE = 1/22/2014	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ROADWAY LIGHTING DETAILS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	461TS-2(13)	COOK	42	17A
CONTRACT NO. 60X25				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				