NOTES

- CABINET SHALL BE FABRICATED FROM 0.125-INCH SHEET ALUMINUM *3003H14, FORMED AND ARC WELDED ASSEMBLY WITH NEMA 3R RATING.
- 2. ALL SCREWS AND HARDWARE SHALL BE PLATED, GALVANIZED, OR MADE OF BRASS, ALUMINUM OR STAINLESS STEEL.
- 3. NAME PLATE SHALL HAVE ENGRAVED 0.75-INCH HIGH LETTERS FILLED IN BLACK: "STREET LIGHTING".
- 4. CONNECTION OF SURGE ARRESTOR TO LINE SIDE OF MAIN CIRCUIT BREAKER SHALL NOT BE "DOUBLE LUGGED".
- 5. ELECTRIC UTILITY METER BOX SHALL BE MOUNTED ON THE SIDE OF CONTROL CABINET AS SHOWN ON THE PANEL LAYOUT DIAGRAM.
- 6. THE COMPLETED CONTROLLER SHALL BE U.L. LISTED AS AN INDUSTRIAL CONTROL PANEL UNDER UL508, AND SHOULD BE SERVICE ENTRANCE RATED.
- 7. METAL MOUNTING PANEL SHALL BE *10 GAUGE GALVANIZED SHEET STEEL FLANGED BACK 0.75-INCHES I.D. ON 4 SIDES.
- 8. CIRCUIT BREAKERS AND CONTACTORS AND OTHER COMPONENTS SHALL BE MOUNTED ON 0.125-INCH THICK GLASTIC INSULATION BACK PANEL.
- 9. ALL DEVICES SHALL BE FRONT REMOVABLE.
- 10. BUS BAR SHALL HAVE 22 LUG TERMINALS SIZED TO ACCOMMODATE REQUIRED WIRE SIZES. NEUTRAL BUS SHALL BE PAINTED WHITE. CROUND BUS SHALL BE PAINTED GREEN.
- 11. ALL LUGS SHALL BE COPPER SCREWS AND CONNECTORS, SPRING HELD.
- 12. ALL WIRING TERMINATIONS SHALL BE RATED NOT LESS THAN 75 DEGREE CENTIGRADE.
- 13. ALL CONTROL WIRING SHALL BE 600V MACHINE TOOL WIRE TYPE MTW.
- 14, ALL FOWER WIRING SHALL BE 600V TYPE RHH-/RHW.
- 15. A LAMINATED COPY OF THE CIRCUIT SCHEMATIC DIAGRAM SHALL BE ATTACHED TO THE INSIDE OF THE CONTROLLER.
- 16. ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12 AWG STRANDED UNLESS OTHERWISE INDICATED.
- 17. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

ITEM	OTY.	DESCRIPTION
А	1	MAIN CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, 240 V. SINGLE-PHASE, 100A., BOLT-ON TYPE, TRIP INTERRUPTING RATING OF 22,000 RMS SYMMETRICAL AMPERES AT 240 V.
В	1	BRANCH CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC 1-POLE, 120 V., 20A, BOLT-ON TYPE, TRIP INTERRUPTING RATING OF 10,000 RMS SYMETRICAL AMPÈRES AT 120 V.
С	1	LIGHTING CONTRACTOR MECHANICALLY HELD, CUTLER HAMMER A202K3B*M 100A. 2-POLE, 600 V. WITH 120V COIL.
D	1	CONTROL RELAY CUTLER HAMMER D3PR2 RATED 12 A. AT 120 VAC
E	1	ON-OFF-AUTO 3-PCSITION SELECTOR SWITCH GE CRIO4P HEAVY DUTY SWITCH, RATED FOR 10 A. AT 600 VAC.
F	1	GFCI RECEPTACLE, 120 V., 20 A. SPEC. GRADE, NEMA CONFIG. 5-20R.
e	1	SPOT MOMENTARY NORMALLY OPEN, NORMALLY CLOSED PUSH BUTTON SWITCH CUTLER HAMMER 84F1063 RATED 15 A. AT 120 V.
H	1	60 WATT LIGHT FIXTURE, VAPOR TIGHT, WITH GLOBE, GUARD AND MOUNTING BOX.
I	1	SECONDARY SURGE ARRESTER SQUARE D SDSA1175, 175 VAC PHASE-TO-GROUND MAXIMUM.
J	1	BRANCH CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 2-POLE, 240 V. SINGLE-PHASE, 30A. TRIP INTERRUPTING RATING 10,000 RMS SYMMETRICAL AMPERES AT 240 V.
K	1	TERMINAL BLOCK RATED 600 V., 85 A.
L	1	COPPER NEUTRAL BUS.
٧	1	COPPER GROUND BUS.
N	1	PHOTOCELL-120V, BUTTON STYLE, DELAY TYPE, SPST

DESIGNED - MWH

UK₿

RWL

06/20/12

DRAWN

CHECKED

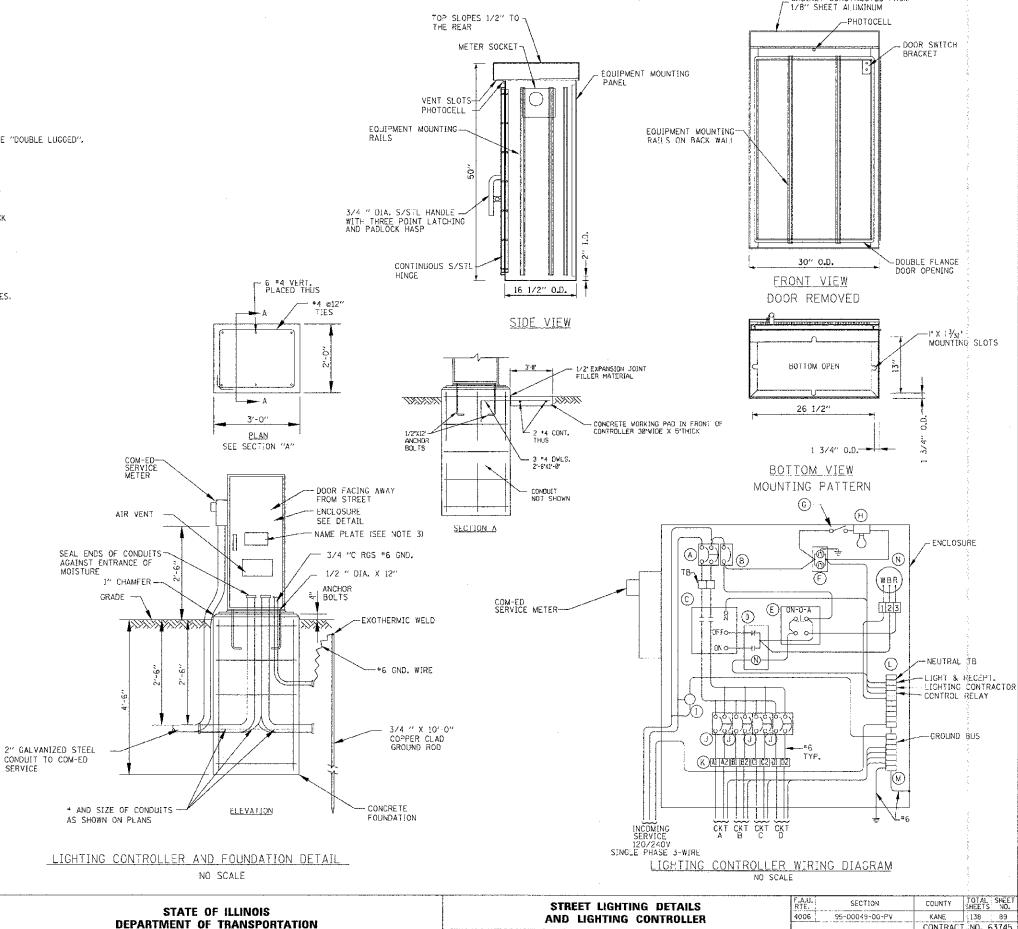
SERVICE

REVISED - PER IDOT 10/19/12

FILE - 110994-SE-DETAU.S.sht

REVISED

REVISED



CABINET CONSTRUCTED FROM

CONTRACT NO. 63745

FED. ROAD DIST, NO. 1 BLLINGIS FED. ALD PROJECT M 8003 (095)

HAKTER & MODDAM, INC. PROFESSIONAL DUSISM FIRM. 121 - EXPIRES 4730/2013 5/2002 PM LANOIS, 184-1