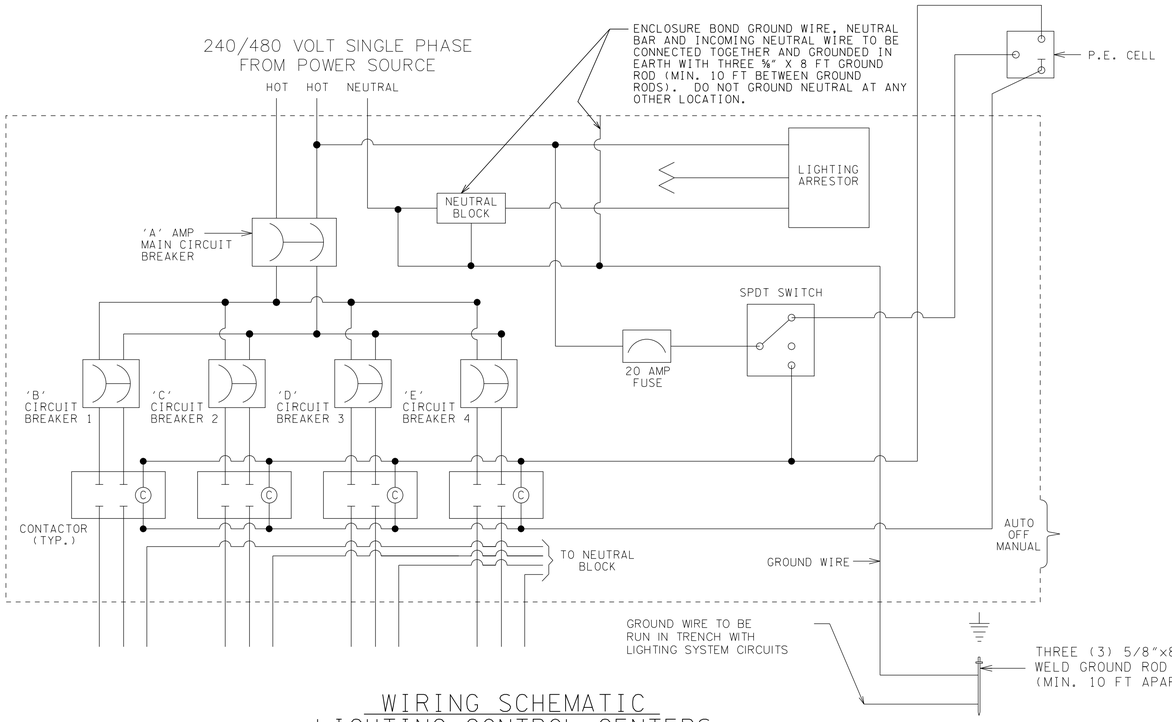
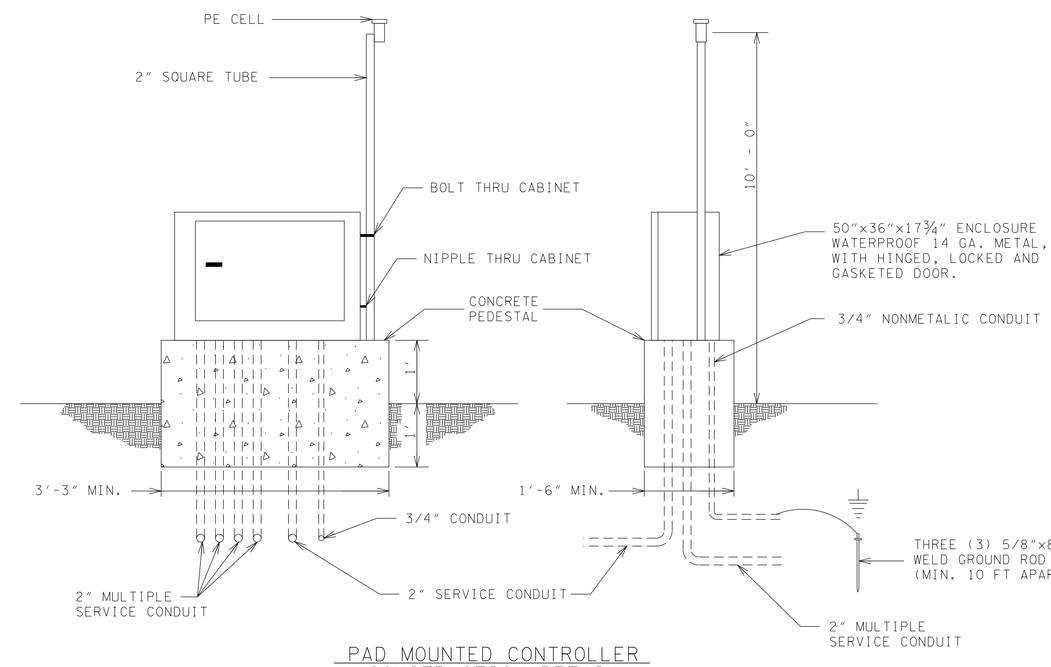
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	19180-3212-04	3



WIRING SCHEMATIC
LIGHTING CONTROL CENTERS

(FOR CIRCUIT BREAKER SIZE REFER TO CONTROL CENTER SCHEDULE)



PAD MOUNTED CONTROLLER
CONSTRUCTION DETAIL

CONTROL CENTER SCHEDULE

CONTROL CENTER NO.	MAIN CIRCUIT BREAKER (AMPS) 'A'	BRANCH CIRCUIT BREAKERS (AMPS)				BASELINE	STATION	OFFSET (FT)	SIDE	SHEET NO.
		CIR. 1 'B'	CIR. 2 'C'	CIR. 3 'D'	CIR. 4 'E'					
CC1	150	20	30	30	30	CONFERENCE DR	35+51.50	92.5	LT	7
CC2	100	20	40	NA	NA	CONFERENCE DR	24+36.00	78.9	LT	7

NOTES

1. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL AND INSTALLATION UP TO AND INCLUDING WEATHERHEAD.
2. CONTRACTOR SHALL INSTALL A 100 AMP DISCONNECT FOR EACH CONTROL CENTER AS DIRECTED BY THE ENGINEER.
3. CONTRACTOR TO COORDINATE FINAL LOCATION OF CONTROL CENTERS WITH NASHVILLE ELECTRIC SERVICE (NES) AND THE ENGINEER.
4. FOR ELECTRICAL SERVICE CONNECTION, CONTACT, BRAD MCKELVEY, OF NASHVILLE ELECTRIC SERVICE (NES), AT (615) 747-3542.
5. LIGHTING SYSTEM SHALL BE 240/480 VOLT SINGLE PHASE SERVICE. LUMINAIRES SHALL HAVE 240 VOLT OPERATION.
6. ALL TWO POLE BREAKERS SHALL BE SINGLE THROW.
7. ALL PROPOSED CONTROL CENTERS SHALL BE WITHIN TDOT RIGHT OF WAY.

SEALED BY

Brenda K. Booker

BRENDA K. BOOKER
REGISTERED ENGINEER
104943
STATE OF TENNESSEE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

CONTROL CENTER DETAILS

SCALE: NONE

2/18/2013 10:47:29 AM
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