

- NOTES:
1. THE LIGHTING CONTROL DIAGRAM PROVIDED IS FOR DIAGRAMMATIC PURPOSES ONLY. CONTRACTOR SHALL PROVIDE AS MANY CONTACTORS AND/OR CONTROL CIRCUITS AS REQUIRED.
 2. REFER TO THE LIGHTING CONTRACTOR SCHEDULE FOR ADDITIONAL INFORMATION.
 3. WIRE ALL EMERGENCY BATTERY BACKUP LIGHTING AHEAD OF ANY SWITCHING DEVICES.
 4. THE CONTACTORS SHALL BE ELECTRICALLY CONTROLLED MECHANICALLY HELD TYPE.
 5. THE CONTRACTOR MAY SUBSTITUTE A TIMECLOCK AND CONTACTORS FOR A TIMECLOCK WITH INTERNAL CONTACTORS SUCH AS A RELAY TYPE PANEL MANUFACTURED BY WATT STOPPER OR HUBBELL.
 6. EXTERIOR LIGHTING SHALL BE CONTROLLED THROUGH THE TIME CLOCK WITH A PHOTOCELL OVERRIDE TO TURN THE LIGHTS OFF IF THERE IS SUFFICIENT DAYLIGHT AND TURN THEM ON IF THERE IS INSUFFICIENT DAYLIGHT DURING EVENTS.
 7. UNLESS OTHERWISE NOTED, THE TIME-OF-DAY, WITH AN INDEPENDENT PROGRAM SCHEDULE SHALL NOT CONTROL MORE THAN 25,000 SQUARE FEET AND NOT MORE THAN ONE FLOOR.
 8. UNLESS OTHERWISE NOTED OR CONTROLLED BY A CAPTIVE-KEY TIME SWITCH, THERE SHALL BE OCCUPANT/OVERRIDE SWITCHES THAT CONTROL NO MORE THAN 3,000 SQUARE FEET.
 9. THE OVERRIDE SWITCHES SHALL ALLOW THE LIGHTING TO REMAIN ON FOR NO MORE THAN 2 HOURS AND SHALL BE MANUALLY OPERATED.
 10. LUMINAIRES DESIGNATED WITH "E" INDICATE A NIGHT LIGHTING FUNCTION FOR SECURITY PURPOSES AND SHALL NOT BE CONTROLLED BY ANY MANUAL OR AUTOMATIC CONTROL.

CONTRACTOR NO.	CIRCUITS CONTROLLED	COMMENTS
A	AP1-28,30,32,34	4-POLE CONTACTOR, WAREHOUSE LIGHTING
B	AP2-28,30	4-POLE CONTACTOR, OFFICE LIGHTING
C	AP2-32	2-POLE CONTACTOR, CORRIDOR
D	AP1-(16,18), AP1-(20,22); AP1-(24,26)	6-POLE CONTACTOR, SITE LIGHTING

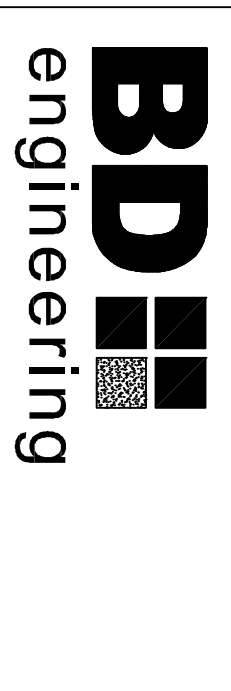
LUMINAIRE CONTROL DIAGRAM
SCALE: NONE

KEY	DESCRIPTION	MOUNTING	MANUFACTURE	CATALOG NO.	VOLTS	LAMP TYPE	LAMP QTY	VA	WATTS
F1	Static Recessed 2x4 Fluorescent Troffer with Opposite spring loaded stainless steel latches. Fixture is finished with a baked white high reflectance enamel	Recessed	Day-Brite	Z70822Z-12-UNV-1/ZEB	120	FLUORESCENT 32W 18	2	59	58
F2	General purpose 4' industrial fixture with 10% up light and 13% crosswise shielding.	Suspended	Day-Brite	H9D33-FP-UNV-1/ZEB-FL173	120	FLUORESCENT 32W 18	2	59	58
F3	Fluorescent High Bay with (4) Swell HO Fluorescent Lamps with wire grid	Suspended	Day-Brite	HF-4-54HO-UNV-1/2 EB-WC-F86	120	FLUORESCENT 54W 15	4	103	234
F4	Static Recessed 2x2 Fluorescent Troffer with Opposite spring loaded stainless steel latches. Fixture is finished with a baked white high reflectance enamel	Recessed	Day-Brite	Z708317-12-120-1/3EB	120	FLUORESCENT 17W	3	61	51
EMI	Emergency luminaire with two remote lamps, minimum 90 minute battery backup, remote battery capable. Provide Time delay and self diagnostics	Wall	McMillen	ES12N 100 W SD T02 HEADS (2)PNC WITH WP2MMT BASE	120	23w 12V TUNGSTEN	2	50	50
X1	Die Cast Aluminum Housing with a laser formed radius edge lit acrylic legend LED Exit Sign with 90 minute minimum battery backup	As Required	Eventile	EMER -FACES, HOUSING COLOR MOUNTING AND CHEMIONS AS REQUIRED.	120	LED	10	10	10

no.	by	description	date
-	-	Issued For Permit & Construction	6/03/09
-	-	Issued For Client Review	3/24/09

New Shop & Office Building for Shupper-Brickle Equipment Co.
 11 Burnt Tavern Road
 Millstone Township, NJ 08535
 Block: 57
 Lot: 14.01

BRIAN D. TANNENHAUS
 N.J. PROFESSIONAL ENGINEER
 NO. CE 45801
 DATE: June 3, 2009



N.J. CERTIFICATE OF AUTHORIZATION - 240A28116100
 BD Engineering, LLC
 1825 Southmore Ave. Lakewood, NJ 08701
 Project No. 080056

DRAWING TITLE
LIGHTING PLAN

DRAWING NO.
E2.1