



CONSTRUCTION PERMIT APPLICATION

Applicant Completes: Sections I, II, III (optional), IV, VI, and VII C-14-004630

I. IDENTIFICATION

1. Proposed Work Site at: Veterans Memorial ES., 103 Hendrickson Ave., Brick, NJ 08724

2. Name of Owner in Fee: Brick Board of Education
Tel. 732-785-3000 e-mail _____

Address 101 Hendrickson Ave., Brick, NJ 08724-2599

3. Ownership in Fee: Public ☒ Private ☐
street municipality zip code

4. Principal Contractor: C&M Door Controls, Inc. Tel. 732-596-1900
Address 20 Markley Street e-mail nfederick@cmdoorcontrols.com
Port Reading, NJ 07064

License No. OR, if new home, Builder Reg. No. _____ Exp. Date _____

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 22-2035306 FAX: 732-596-1992

5. Architect or Engineer DiCara/Rubino Architects Contact Bob Iamello
Address 30 Galesi Drive, Wayne, NJ 07470 e-mail _____
Tel. 973-256-0202 FAX: 973-256-0227

6. Responsible Person in Charge once Work has Begun David A. O'Keefe
Tel. 732-596-1900 FAX: 732-596-1992

V. FEE SUMMARY (for office use only)

	Update	Update
1. Building	\$ <u>126,000</u>	
2. Electrical		
3. Plumbing		
4. Fire Protection		
5. Elevator Devices		
6. Subtotal		
7. Less 20% for State Plan Review	\$	
8. Subtotal	\$	
9. State Permit Surcharge Fee	\$	
10. Subtotal	\$	
11. Cert. of Occupancy		
12. Other		
13. TOTAL	\$	

VI. BUILDING/SITE CHARACTERISTICS

1. Number of Stories _____

2. Height of Structure _____ ft.

3. Area — Largest Floor _____ sq. ft.

4. New Building Area _____ sq. ft.

5. Volume of New Structure _____ cu. ft.

6. Max. Live Load _____

7. Max. Occupancy Load _____

8. If Industrialized Building: State Approved _____ HUD _____

9. Total Land Area Disturbed _____ sq. ft.

10. Flood Hazard Zone _____

11. Base Flood Elevation _____ ft.

12. Wetlands yes _____ no _____

IIa. PROPOSED WORK

- ☐ Minor Work ☐ New Building ☐ Addition ☐ Demolition
- ☐ Repair ☒ Alteration ☐ Renovation ☐ Reconstruction
- ☐ Asbestos Abat. -Subch. 8 ☐ Lead Hazard Abatement ☐ Radon Remediation ☐ Annual Permit

IIb. SUBCODES

(Check all that apply)

- ☒ Building
- ☒ Electrical
- ☐ Plumbing
- ☐ Fire Protection
- ☐ Elevator

FOR OFFICE USE ONLY (Optional)

Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates	Re-viewer
<u>126,000</u>	<u>PSC</u>	<u>10/24/14</u>	<u>10/21/14</u>	<u>11/24/14</u>	<u>PSC</u>	<u>11/13/14</u>	<u>KEA</u>

TOTAL COST 126,000.00

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL (primary use)

1. State Specific Use: _____
2. Use Group, Proposed: Select Group
3. Change in Use Group, Indicate Present: Select Group
4. No. of dwelling units: Total Units Income-restricted
- Gained, Sale _____
- Gained, Rental _____
- Lost, Sale _____
- Lost, Rental _____

B. NON-RESIDENTIAL (primary use)

1. State Specific Use: _____
2. Use Group, Proposed: Select Group
3. Change in Use Group, Indicate Present: Select Group

C. MIXED USE -List secondary use(s): _____

D. Construct. Classification: Present _____

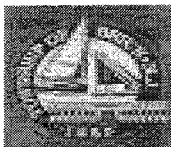
Proposed _____

III. PLAN REVIEW (optional)

- DO YOU WANT:
1. ☐ Partial Releases
2. ☐ Prototype Processing

IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

1. ☐ Elevators/Escalators/Lifts/
Dumbwaiters/Moving Walks
2. ☐ High Pressure Boilers
3. ☐ Pressure Vessels
4. ☐ Refrigeration Systems
5. ☐ Cross-Connections/Backflow Preventers
6. ☐ Hazardous Uses/Places of Assembly
7. ☐ Sprinklers/Standpipes
8. ☐ Smoke Control Systems in Open Wells
9. ☐ Underground Storage Tanks
10. ☐ Swimming Pools, Spas and Hot Tubs
11. ☐ LPGas Tanks
12. ☐ Fire Alarm



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 7/12/2016
Control Number C-14-004620
Permit Number 14-3980
Permit Issue Date 12/8/2014
Certificate Number 14-3980

Certificate

Construction Code Division
(Certificate of Approval)

Identification

Work Site Location: 101 - 107 HENDRICKSON AVE Brick Block: 1068 Lot: 15.01 Qual: _____
Township, NJ 08724

Owner in Fee: BRICK TOWNSHIP BOARD OF EDUCATION

Owner Address: 101 HENDRICKSON AVE. BRICK NJ 08724

Telephone: (732) 785-3000

Contractor C & M Door Controls, Inc.

Address 20 Markley Street Port Reading NJ 07064

Telephone: (732) 596-1900 Fax: (732) 596-1992

License Number or Builders Registration Number: _____ Federal Emp. Number: 22-2035306

Home Warranty Number: _____

Type of Warranty Plan: ☐ State ☐ Private

Use Group: E Construction Classification: _____

Maximum Live Load: 0 Maximum Occupancy Load: 0

Description of Work/Use: ALTERATION - COMMERCIAL VETERANS MEMORIAL ELEMENTARY SCHOOL ...Exterior Door Replacement

Certificate Comments:

☐ **Certificate of Occupancy**

This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

☒ **Certificate of Approval**

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved. If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

☐ **Certificate of Continued Occupancy**

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

☐ **Temporary Certificate of Compliance**

The following conditions must be met no later than or the owner will be subject to fine or order to vacate:

This certificate has an expiration date of:

Conditions to be met:

☐ **Certificate of Clearance - Lead Abatement 5:17**

This serves notice that based on written certification, lead abatement was performed as per NJAC5:17 to the following extent.

- ☐ Total removal of lead-based paint hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Clearance - Asbestos Abatement**

This serves notice that based on written certification, asbestos abatement was performed to the following extent.

- ☐ Total removal of asbestos hazards in scope of work
☐ Partial or limited time period (years); see file

☐ **Certificate of Compliance**

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until

☐ **Temporary Certificate of Occupancy**

The following conditions must be met no later than: or the owner will be subject to fine or order to vacate:

This certificate has an expiration date of:

Conditions to be met:

Construction Official

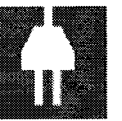
Date Printed: 7/12/2016

U.C.C. F260 (rev. 08/05)

Fee: \$0.00
Check Number: _____
Collected By: _____

Page 1

ELECTRICAL SUBCODE
TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO. 1-800-272-1000.
Block 1068 Lot 15.D1 Qualification Code _____
Work Site Location Veterans Memorial ES, 103 Hendrickson Ave., Brick, NJ 08724

Owner in Fee: Brick Board of Education

Tel. 732-785-3000

e-mail _____

Address 101 Hendrickson Ave., Brick, NJ 08724-2599

street

zip code

Contractor: D. Frederick Electric, LLC

Tel. 732

690-8984

Address 218 Jon Street, Old Bridge, NJ 08857

e-mail dnf127@aol.com

Contractor License No. 34EB01020600

Exp. Date 03/31/2015

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 20-5322278

FAX: _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed _____

☐ Pole/Pad # _____ ☐ Temporary ☐ Other _____

Building Occupied as _____ Utility Co. _____

Est. Cost of Elec. Work \$ 400.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☐ No Plans Required

☐ Partial - Underslab Utilities Approved

Date: 11/24/14 Approved by: PC

☒ Electric Plans Approved

Date: 11/24/14 Approved by: PC

Joint Plan Review Required

☐ Bldg. ☐ Plumb. ☐ Fire. ☐ Elev.

SUBCODE APPROVAL for PERMIT

Date: 11/24/14 Approved by: PC

Approved by: PC

SUBCODE APPROVAL for CERTIFICATE

☐ CO ☐ CCO

Date: 11/24/14 Approved by: PC

Approved by: PC

INSPECTIONS

Type: _____

Barrier-Free _____

Trench _____

Temp. Serv. _____

Const. Serv. _____

TCO _____

Other _____

Service _____

Barrier-Free _____

Temp. Cut-in-Card Date Issued _____

Final Cut-in-Card Date Issued _____

Annual Pool Inspection _____

Date of Grounding and Bonding _____

Certification _____

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the agent of record and am authorized to make this application and perform the work listed on this application.
Applicant sign/Contractor: _____
sign and seal here: _____

Print name here: Donald F. Frederick, Managing Member

Licensed Elec. Contractor ☒ Certified Landscape Irrigation Contr ☐ Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

Install New Power Supplies

QTY. SIZE ITEMS

Lighting Fixtures _____

Receptacles _____

Switches _____

Detectors _____

Light Poles _____

Motors—Fract. HP _____

Emergency & Exit Lights _____

Communications Points _____

Alarm Devices/F.A.C. Panel _____

1

0

TOTAL NUMBERS

Pool Permit/with UW Lights _____

Storable Pool/Spa/Hot Tub _____

KW Elec. Range/Receptacle _____

KW Oven/Surface Unit _____

KW Elec. Water Heater _____

KW Elec. Dryer/Receptacle _____

KW Dishwasher _____

HP Garbage Disposal _____

KW Central A/C Unit _____

HP/KW Space Heater/Air Handler _____

KW Baseboard Heat _____

HP Motors 1/+ HP _____

KW Transformer/Generator _____

AMP Service _____

AMP Subpanels _____

AMP Motor Control Center _____

KW Elec. Sign/Outline Light _____

Administrative Surcharge \$ _____

Minimum Fee \$ _____

State Permit Surcharge Fee \$ _____

TOTAL FEE \$ _____



BUILDING SUBCODE TECHNICAL SECTION



A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000.

Block 1068 Lot 15.01 Qualification Code _____
Work Site Location Veterans Memorial Es. 103 Hendrickson Ave., Brick, NJ 08724

Owner in Fee: Brick Board of Education

Tel. 732-785-3000 e-mail _____

Address 101 Hendrickson Ave., Brick, NJ 08724-2599

Contractor: C&M Door Controls, Inc. municipality Brick Tel. 732-596-1900 zip code 08724

Address 20 Markley Street e-mail mfriderick@candoorcontrols.com

Port Reading, NJ 07064

Contractor License No. or Builder Registration No. _____ Exp. Date _____

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 22-2035306 FAX: 732-596-1992

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Type	Failure	Dates (Month/Day)	Initial
☒ All	<u>11/13/14</u>	<u>WJ</u>	☐ Footing	☐ Footing Bonding			
☐ Footings/Foundations			☐ Foundation				
☐ Structural/Framework			☐ Slab				
☐ Exterior			☐ Frame				
☐ Interior			☐ Truss Sys./Bracing				
Joint Plan Review Required:			☐ Barrier-Free				
☐ Elec. ☐ Plumb. ☐ Fire ☐ Elevator			☐ Insulation				
SUBCODE APPROVAL for PERMIT	<u>11/13/14</u>		☐ Finishes -Base Layer				
Date:			☐ Finishes -Final				
Approved by: <u>WJ</u>			☐ Energy				
SUBCODE APPROVAL for CERTIFICATE			☐ Mechanical				
☐ CO ☐ CCO ☐ MCA			☐ TCO				
Date: <u>06/22/14</u>			☐ Other				
Approved by: <u>WJ</u>			☐ Final <u>11/13/14</u>				
			☐ Barrier-Free				

B. BUILDING CHARACTERISTICS

Use Group	Present	Proposed	Constr. Class	Present	Proposed
No. of Stories			If Industrialized Building:		
Height of Structure		ft.	State Approved		HUD
Area — Largest Floor		sq. ft.	Est. Cost of Bldg. Work:		
New Bldg. Area/All Floors		sq. ft.	1. New Bldg.		\$ <u>124,000</u>
Volume of New Structure		cu. ft.	2. Rehabilitation		\$ <u>124,000</u>
Max. Live Load			3. Total (1+2)		\$ <u>248,000</u>
Max. Occupancy Load					

U.C.C. F110 (rev. 11/09)
Internet version

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the agent of the owner of record and am authorized to make this application.

Sign here:

John A. Leece, President

Print name here:

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

Exterior Door Replacement

TYPE OF WORK:

- ☐ New Building
- ☐ Addition
- ☐ Rehabilitation
- ☐ Roofing
- ☐ Siding
- ☐ Fence _____ Height (exceeds 6') _____ Sq. Ft.
- ☐ Sign _____ Sq. Ft.
- ☐ Pool
- ☐ Retaining Wall _____ Sq. Ft.
- ☐ Asbestos Abatement Subchapter 8
- ☐ Lead Haz. Abatement NJAC 5:17
- ☐ Radon Remediation
- ☒ Other Doors Replacement
- ☐ Demolition

FEE (Office Use Only)

Administrative Surcharge \$ _____
Minimum Fee \$ _____
State Permit Surcharge Fee \$ _____
TOTAL FEE \$ _____

Applicant: When submitting this form to your Local Construction Code Enforcement Office, please provide one original plus three photocopies.

Date Received
Control #

Date Issued
Permit #

14-3980

12/8/14

Brick Township

CORRECTION NOTICE

ADDRESS _____

PERMIT NUMBER 14-3980 BLOCK 10-68 LOT 15.01

OWNER _____

Upon inspection, violations of the X Building ___ Plumbing ___ Electric ___ Fire Code
were in evidence and the following orders are hereby issued for their correction:

Follow Plans for numbers
3 - closing to quick.

4 - ok

5 - ok

PLEASE CALL FOR INSPECTION WHEN CORRECTIONS HAVE BEEN COMPLETED. ACCEPTANCE AND
APPROVAL BY AN INSPECTOR OF THIS DEPARTMENT IS REQUIRED.

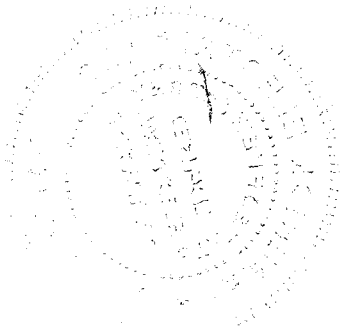
DATE 11/18/15 INSPECTOR BIM #2

11/18/15 - FAIL FINAL

1. - 110V CONNECTION OK.
2. - NO LV WIRING PERMIT.
3. - LV WIRING NOT SUPPORTED.
4. - FIRE PENETRATIONS NOT SEALED.
5. - NO BUSHINGS AT TERMINATIONS.

ATC

② tech



* 11-18-15 PM - see correction notice

1-14-16 W Final Rejected

1) Doors Don't operate properly
see plans for locations

Released

⑥ Tech

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☐ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☐ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(f)1.ix:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☐ I further certify that I will perform or supervise the following work:

C.1. ☐ Building C.2. ☐ Fire Protection

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

- D. ☐ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature _____ Date _____

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

(x) Check if contractor.

Agent Name John A. O'Keefe, President of C&M Door Controls, Inc.

Address 20 Markley Street, Port Reading, NJ 07064

Telephone 732-596-1900

Signature _____

- III. ☐ **LEAD HAZARD ABATEMENT:** Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.

Brick Township

401 Chambers Bridge Road
Brick, NJ 08723
732-262-1030

CORRECTION NOTICE

ADDRESS _____

PERMIT NUMBER 14-3980 BLOCK 10-68 LOT 15.01

OWNER _____

Upon inspection, violations of the ☒ Building ☐ Plumbing ☐ Electric ☐ Fire Code
were in evidence and the following orders are hereby issued for their correction:

Follow Plan numbers

8 - gasket bottom Door not correct

6 - null gasket

1 & 1A - null not working with key to remove for cargo

2 & 2A - null not working with key to remove for cargo

19 - Adjust sweeps

13 - null not sealing to doors

4 - ok

10 - ok

11 - closing to fast

12 - ok.

#1

PLEASE CALL FOR INSPECTION WHEN CORRECTIONS HAVE BEEN COMPLETED. ACCEPTANCE AND
APPROVAL BY AN INSPECTOR OF THIS DEPARTMENT IS REQUIRED.

DATE 11/18/15 INSPECTOR BM 1 of 2 pages

Patrick Callahan

From: Nenetta Frederick <nfrederick@cmdoorcontrols.com>
Sent: Thursday, November 20, 2014 4:02 PM
To: Patrick Callahan
Subject: BRICK BOARD OF EDUCATION
Attachments: brick elec spec.pdf

Mr. Callahan,

As per our conversation, attached please find the specifications for the "Power Supplies" to be installed at Brick Township Board of Education .

Control Number C-14-004614, C-14-004620 and C-14-004618 are the permits applications that are being denied.

If you need anything further, feel free to contact me at 732-596-1900 ext. 20 or nfrederick@cmdoorcontrols.com

***Thank you,
Nenetta Frederick
Contract Administrator
C&M Door Controls, Inc.
732-596-1900 ext. 20
nfrederick@cmdoorcontrols.com***

VON DUPRIN.

PS914

4 amp Power Supply
(Von Duprin)

Overview

Von Duprin's power supply and option boards were designed to meet the specific requirements of electrified fire exit devices.

Installation is simplified by utilizing a flat mounting design and polarized locking connectors for option boards. This new design eliminates the need for racks and side connectors. The flat mounting of the option boards also provides for easier access to the terminal blocks for connection of electrified devices (such as electrified panic devices, strikes, card readers, etc).

Common to the line of PS900 Series power supplies is a constant output rating at both 12v and 24v settings, universal 120 VAC to 240 VAC input, and polarized option board connectors. New fire alarm interface board mounting allows outputs to be configured as switched (power cut) or unswitched (power continues) when signal provided.

* All PS900 Series of power supplies and option boards have been tested and certified to meet UL 294.

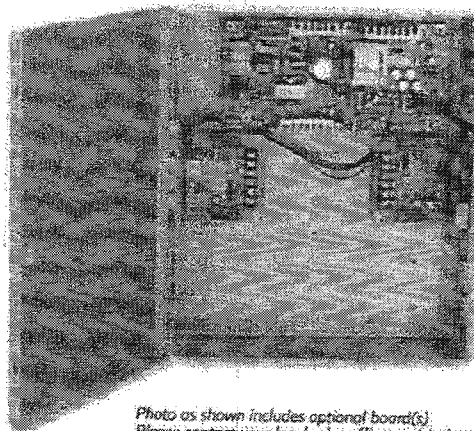


Photo as shown includes optional board(s).
Please contact your local sales office or visit the support section on our website for configuration assistance.

System Components
PS914 Power Supply

Features and Benefits

- 4A @ 12/24 VDC output, field selectable with jumper
- Designed with high inrush current for powering electrified panic devices
- Universal 120-240 VAC input
- Low voltage DC, regulated and filtered
- Electronic power limiting foldback circuit for AC current overload protection
- Two polarized connectors for distribution boards
- Fused primary input
- AC status monitor - isolated SPDT contacts
- AC input and DC output LED status indicators
- Cover mounted AC input indication
- Hinged cover w/ lock down screws
- High voltage protective cover

IR Ingersoll Rand
Security Technologies

OPTIONS

- Emergency Interface/ Fire Alarm Relay (FA)
 - Must be installed on distribution boards
- Key lock available for added security (KL)
- Battery Backup
 - 2 relay EL panic device control board
 - 2 relay QEL panic device control board
 - 4 relay distribution board
 - 4 relay distribution board with logic
 - Field configurable for:
 - Time delay function
 - Auto operator
 - Security interlock
- 8 fused output distribution board
- 8 PTC output distribution board

PS914 Power Supply Specifications	
Specification	Description
Input Voltage	120/240 VAC, 50/60 Hz, universal input
Output Voltage	4A @ 12 or 24 VDC Field selectable with jumper. Switching supply, 5% regulation, 360mVpp max ripple
Enclosure	Grey / Baked enamel 14"H x 12"W x 4"D Eight 1/2" x 3/4" Knockouts Hinged cover with lock down screws
Operating Temperature	32°-120° F (0°-49° C)
Certifications	UL 294 RoHS FCC Part 15 Class 2
Option Board Compatibility	900-BB: Battery Backup 900-BAT: Backup Battery Pack 900-BBK: Battery Backup Kit (backup board and battery pack) 900-FA: Fire Alarm (Must be installed on distribution boards) 900-2RS*: 2 Relay EL Panic Device Control Board 900-4R*: 4 Relay Output Board 900-4RL*: 4 Relay Logic Board 900-8F*: Fused 8 Zone Distribution Board 900-8P*: PTC 8 Zone Distribution Board
AC Primary Fuse Size	6.3A, 250v, 5 x 20mm SLOW-BLOW
Battery Fuse Size	7.5A 32v ATD blade style
DC Output Protection	Overload protection - current limited foldback circuit
Indicators	LED Indicators: -AC input (visible on outside of enclosure) -DC output Isolated SPDT contacts to monitor AC power status
Weight (Power Supply)	Approx. 9.0 lbs.
Weight (Each Battery)	4.0 lbs
AC Input Termination	3 position terminal block with protective cover Wire capacity: 10 AWG max.
DC Output Termination	2 position terminal block Wire capacity: 12 AWG max.
Distribution board connectors	2
Fire Alarm board connector	No
Keylock	Optional

* Optional distribution boards available with or without FA (Fire Alarm Relay)



EL/QEL Electric latch retraction

EL Electric latch retraction

The EL feature allows for the remote unlatching of exit devices. A control station operator can flip a switch to retract the latch bolt and immediately change an exit door to push-pull operation. A powerful, continuous duty solenoid retracts the latch bolt, either for momentary unlatching, or for extended periods of time. The EL feature is an alternative to manual dogging.

If manual hex-key dogging is required, specify HD-EL. If cylinder dogging is required, the standard cylinder dogging is not available, but special center case dogging is available, specify SD-EL. SD-EL is not available on the 9875 or 9975 devices.

EL devices are also useful with automatic door operators, and may be applied to fire-rated applications when under the control of an automatic fire alarm system.

UL approved for Class II circuit applications.

The EL option does not include the power transfer from door to frame, the power supply, or the control operator. Refer to EPT-2 power transfer and the PS914 power supply.

The PS914 with the 9C02RS option card is the minimum option card required. Other option cards available for other functions, see PS914 power supply for additional information.

Solenoid specifications:

Continuous duty – 24 VDC
Current inrush – 16 Amps
Current holding – 0.3 Amps

Solenoid resistance:

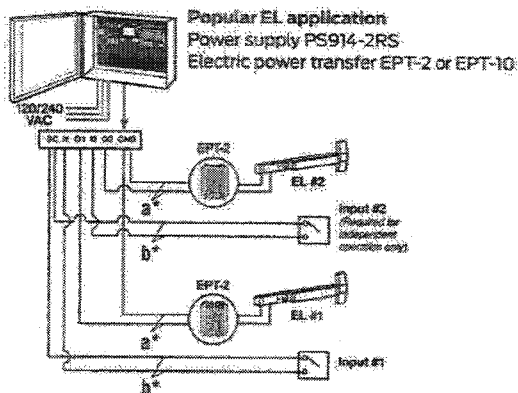
-gm-yel 1.2 – 2.2 OHMS
-gm-org 100 – 150 OHMS

To order, specify:

Standard – use prefix EL, example EL99L.

Hex Key dogging – Use prefix HD-EL, example HD-EL99L.

Special center case dogging – Use prefix SD-EL, example SD-EL99L.



Von Duprin exit device	EL Wire length (feet) ¹	Wire gauge (AWG)
EL 98/99 Rim	0-500	12
EL 33A/35A Rim	0-300	14
	0-200	16
All other 98/99EL and EL33A/35A device types	0-250	12
	0-150	14
	0-100	16
Control Switch	0-1200	18

¹ Wire lengths include an EPT, Door loop, electric hinge or pivot and are measured one way between the PS914 option board and the device.
² Table is applicable to devices that have shipped after August 2012.

QEL Quiet electric latch retraction

The QEL feature allows for the remote unlatching of exit devices. A control station operator can flip a switch to retract the latch bolt and immediately change an exit door to push-pull operation. Different than the popular EL, the QEL quiet operation is achieved using an electric drive motor which retracts the latch bolt either momentary unlatching or for extended periods of time. This feature is an alternative to manual dogging.

If cylinder dogging is required, the standard cylinder dogging is not available, but special center case dogging is available, specify

SD-QEL. SD-QEL is not available on the 9875 or 9975 devices.

QEL devices are also useful with automatic door operators, and may be applied to fire-rated applications when under the control of an automatic fire alarm system.

UL approved for Class II circuit applications.

The QEL option does not include the power transfer from door to frame, the power supply, or the control operator. Refer to EPT-2 power transfer and the PS902 or 914 power supply.

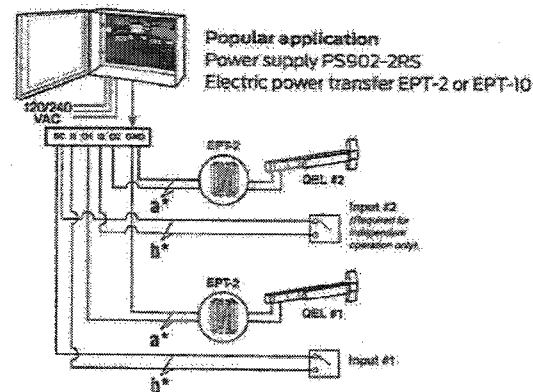
The PS902/914 with the 2RS, 4RL or 4R board is the minimum required. Other option boards available for other functions, see PS902/914 power supply for additional information.

QEL Electrical load	
Voltage	24VDC
Current	1.4 A Inrush (0.5 sec.) 0.34 A Holding 2.0 A Calibrate (3 sec. one time)

To order, specify:

Standard – use prefix QEL, example QEL99L.

Special center case dogging – use prefix SD-QEL, example SD-QEL99L.



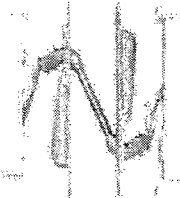
a*	Distance (one-way)	Wire gauge
	200'	18 AWG
	320'	16 AWG
	500'	14 AWG
	800'	12 AWG
b*	Wire selection	Switch wire size
	1200 ft. Max.	18 gauge standard

Electric power transfer accessories

EPT Electrical power transfer

PNT Pneumatic transfer

Electric Power Transfer provides a means of transferring electrical power from a door frame to the edge of a swinging door. The units are completely concealed when the door is in the closed position, and are ideal for installations involving abuse or heavy traffic.



Two models are available; EPT-2, two 18 gauge wires and EPT-10, ten 24 gauge wires. The EPT-2 and EPT-10 are U/L listed as "miscellaneous door accessory".

UL Listed for use on fire doors.

Door applications:

up to 5" butt hinges - 180° swing.

5 1/2" butt hinges - 130° swing.

6" butt hinges - 110° swing.

1/4" butt offset pivots 180° swing.

Not for use with swing clear hinges or center-hung pivots.

Finishes

SP28 (sprayed aluminum).

SP313 (sprayed duranodic).

Dimensions

Housing	9" x 1 1/4" x 1 1/4" (229mm x 32mm x 38mm)
EPT-2	Two 18 gauge wires, Up to 2 AMPS @ 24VDC, with a 16 AMPS Maximum Surge
EPT-10	Ten 24 gauge wires, Up to 1 AMPS @ 24VDC, with a 16 AMPS Maximum Surge
PNT-1	1/4" Tubing

To order, specify:

1. EPT-2, EPT-10 or PNT-1.
2. Finish, SP28 or SP313.

Electromagnetic locks

Schlage has a rich heritage in electronic security. For years we have led the industry by providing a broad portfolio of solutions to meet the diverse needs of the market. Today, our electromagnetic locking portfolio continues to evolve to meet your changing needs.

Schlage electromagnetic locks are used to secure the door in conjunction with push bars, request to-exit devices, or credential readers for fail-safe applications when code compliance permits. You can use them on a single standalone door or as part of an access control system. Electromagnetic locks do not contain moving parts, making them extremely durable and preferred for high security applications.

Electromagnetic locks consist of an armature and a coil assembly, which become magnetized when an electric current passes through them. This magnetic field secures the door. Electromagnetic locks are fail-safe by design. To unlock the door simply remove power.

M400 Series electromagnetic locks

The M400 Series is a robust line of electromagnetic locks with unique new design elements that make them easy to install and secure.

Features:

- Auto voltage selection is standard
- Plus Package (P) adds magnetic bond sensor, relocking time delay, door status monitor
- Optional mounting kits available including: Top Jamb Mount, Double and Glass Door

Certifications:

- UL 1034
- UL 10C 3 hour fire rating
- BHMA Grade 1
- M420 - 500 lb. hold force for traffic control
- M450 - 1000 lb. hold force for high security
- M490 - 1500 lb. hold force for max security

Electromagnetic specialty locks

Schlage's electromagnetic specialty locks provide flexibility for a variety of applications. They offer a depth of features and a proven record of performance.

Features and certifications:

M490DE: Delays egress with 15 second timer; includes integrated alarm

- Designed to meet NFPA 101 & BOCA, UL 10C 3 hr fire rating, UL 294, and BHMA 1500 lb. hold force

M490G: Gate lock is weather resistant for exterior swinging and sliding gates

- BHMA 1500 lb. hold force rated GF3000; Concealed locking mechanism enhances security and appearance
- UL 10C 3 hr fire rating, BHMA 1500 lb. hold force 320M; MiniLine is mortise designed for interior sliding doors
- UL 10C 3 hr fire rating, UL 1034 listed

40/70 Series Electromagnetic Locks

Ease of installation makes the 40/70 Series a perfect choice for retrofit applications. It is also easy to select and stock.

Features and Certifications:

- Magnetic bond sensor and door status monitor standard
- UL 10C 1 hour fire rating and BHMA Grade 1;
- 40 Series - 500 lb. hold force
- 70 Series - 1000 lb. hold force



CONSTRUCTION PERMIT

Date Issued
Control #
Permit #

12/8/14

C-14-004620

14-3980

IDENTIFICATION Block: 1068 Lot: 15.01 Qualifier
Work Site Location: 101 - 107 HENDRICKSON AVE Brick Township, NJ 08724 Contractor: C & M Door Controls, Inc.
Address: 20 Markley Street Port Reading NJ 07064
Owner in Fee: BRICK TOWNSHIP BOARD OF EDUCATION
101 HENDRICKSON AVE BRICK NJ 08724 Telephone: (732) 596-1900
Lic. No. or Bldrs. Reg. No.
Telephone: (732) 785-3000 Federal Employee No. 22-2035306

Is hereby granted permission to perform the following work:

- ☒ BUILDING ☐ PLUMBING ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT (Subchapter 8 only) ☐ OTHER

DESCRIPTION OF WORK:

ALTERATION - COMMERCIAL VETERANS MEMORIAL E.S. Exterior Door Replacement

Note: If construction does not commence within one (1) year of date of issuance, or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$126,400

Construction Official

Date

David Newman Jr 11/6/14

U.C.C. F170
equiv (rev 1/04)

1 WHITE - INSPECTOR

2 CANARY - OFFICE

3 PINK - TAX ASSESSOR

4 GOLD - APPLICANT

PAYMENTS (Office Use Only)

Building	\$0
Electrical	\$0
Plumbing	\$0
Fire Protection	\$0
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$0
CO Fee	\$0
Other	\$0
Total	\$0
Check No.	
Cash	\$0
Credit	\$0
Collected By	

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that the work installed conforms with the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval granted.

☒ Required inspections for all subcodes for one- and two-family dwellings are as follows:

1. The bottom of footing trenches before placement of footings, except that in cases of pile foundations, inspections shall be made in accordance with the requirements of the building subcode.
2. Foundations and all walls up to grade level prior to back filling.
3. All structural framing, connections, wall and roof sheathing and insulation; electrical rough wiring, panel and service installation; rough plumbing. The framing inspection shall take place after the rough electrical and plumbing inspections and after the installation of the heating, ventilation and /or air conditioning duct system. The insulation inspection shall be performed after all other subcode rough inspections and prior to the installation of any interior finish material.
4. Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

Additional required inspections for all subcodes of construction, for other than one- and two-family dwellings, are fire suppression systems, heat producing devices and Barrier Free subcode accessibility, if applicable.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

☒ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. The final inspections include the installation of all interior and exterior finish materials, sealing of exterior joints, mechanical system and other required equipment; electrical wiring, devices and fixtures; plumbing pipes, trim and fixtures; tests required by any provision of the adopted subcodes, Barrier Free accessibility, if applicable; and verification of compliance with NJAC 5:23-3.5, "Posting structures".

☒ A complete copy of released plans must be kept on the job site.

If you do not understand any of this information, please ask.

11/14/14 faxed 732-596-1792



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723
(732) 262-1030

Subcode Official Review

Date: Friday, October 31, 2014

To: BRICK TOWNSHIP BOARD OF
EDUCATION
101 HENDRICKSON AVE.
BRICK, NJ 08724

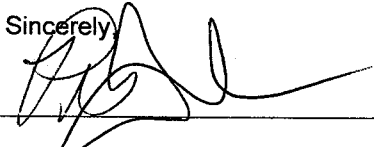
RE: Electrical Subcode
Block: 1068 Lot: 15.01 Qual:
101 - 107 HENDRICKSON AVE
Permit Number: Control Number: C-14-004620
Last Submit Date: Friday, October 24, 2014

Dear BRICK TOWNSHIP BOARD OF EDUCATION,

Your request is hereby denied based upon the following infractions.

Provide specifications for control devices and correct total quantities.

Sincerely,



Patrick Callahan, Subcode Official

CC:

* * * Communication Result Report (Nov. 14. 2014 9:06AM) * * *

1}
2}

Date/Time: Nov. 14. 2014 9:05AM

File	No. Mode	Destination	Pg(s)	Result	Page Not Sent
5277	Memory TX	97325961992	P. 1	OK	

Reason for error

E. 1) Hang up or line fail
E. 2) No answer
E. 5) Exceeded max. E-mail size

E. 2) Busy
E. 4) No facsimile connection
E. 6) Destination does not support IP-Fax

11/14/14 faxed 732-596-1992



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723
(732) 262-1030

Subcode Official Review

Date: Friday, October 31, 2014

To: BRICK TOWNSHIP BOARD OF
EDUCATION
101 HENDRICKSON AVE.
BRICK, NJ 08724

RE: Electrical Subcode
Block: 1088 Lot: 15.01 Quab:
101 - 107 HENDRICKSON AVE
Permit Number: Control Number: C-14-004620
Last Submit Date: Friday, October 24, 2014

Dear BRICK TOWNSHIP BOARD OF EDUCATION,
Your request is hereby denied based upon the following infractions.
Provide specifications for control devices and correct total quantities.

Sincerely,

Patrick Callahan, Subcode Official

CC:



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723
(732) 262-1030

faxed both 11/3/14 [initials]

Subcode Official Review

Date: Friday, October 24, 2014

To: BRICK TOWNSHIP BOARD OF
EDUCATION
101 HENDRICKSON AVE.
BRICK, NJ 08724

*Resubmit
11/12/14
LH*

RE: Building Subcode
Block: 1068 Lot: 15.01 Qual:
101 - 107 HENDRICKSON AVE
Permit Number: Control Number: C-14-004620
Last Submit Date: Friday, October 17, 2014

Dear BRICK TOWNSHIP BOARD OF EDUCATION,

Your request is hereby denied based upon the following infractions.

10/24/2014 - FAILED

Estimated Construction Cost on Permit Application differs from 'Total Project Cost' specified in 'Final Eligible Cost' (FEC) Determination Letter dated January 6, 2014.
Amend Application to reflect estimated cost of work as compliant with requirements set forth in N.J.A.C. 5:23-2.15(a)4.

Sincerely,

Ken Kiseli, Subcode Official

CC: