

BLOCK

70.12

LOT

1.01

QUALIFICATION CODE

ADDRESS (SITE)

Warren Wolf Elementary School 18-3103

PERMIT NO.



CONSTRUCTION PERMIT APPLICATION

Applicant Completes: Sections I, II, III (optional), IV, VI, and VII

I. IDENTIFICATION

1. Proposed Work Site at: 224 Chambersbridge Road Brick, NJ 08723

2. Name of Owner in Fee: Brick Township Board of Education

Tel. (732) 785-3000

e-mail

Address 101 Hendrickson Ave Brick, NJ 08724

3. Ownership in Fee: Public Private

4. Principal Contractor: Tel. ()

National Resource Management, Inc.

Phone # 609-709-5460

637 Prospect Avenue

Pine Beach, NJ 08741

Exp. Date

):

5. LICENSE # 1654800 EXPIRATION 03/31/21

FEDERAL TAX ID # 04-3177694

6. JOE DAVIDSON Tel#609-709-5460

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$		
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

- Number of Stories
- Height of Structure ft.
- Area — Largest Floor sq. ft.
- New Building Area sq. ft.
- Volume of New Structure cu. ft.
- Max. Live Load
- Max. Occupancy Load
- If Industrialized Building: State Approved HUD
- Total Land Area Disturbed sq. ft.
- Flood Hazard Zone
- Base Flood Elevation ft.
- Wetlands yes no

(office use only)

COMMERCIAL

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 Approval	Rejection	Re-viewer
4158.50				10/31/18	RE			

TOTAL COST

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL (primary use)

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

B. NON-RESIDENTIAL (primary use)

- State Specific Use:
- Use Group, Proposed:
- Change in Use Group, Indicate Present:

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

D. Construct. Classification: Present

Proposed

III. PLAN REVIEW (optional)

DO YOU WANT:

- ☐ Partial Releases
☐ Prototype Processing

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

- ☐ Elevators/Escalators/Lifts/
Dumbwaiters/Moving Walks
☐ High Pressure Boilers
☐ Pressure Vessels
☐ Refrigeration Systems
☐ Cross-Connections/Backflow Preventers
☐ Hazardous Uses/Places of Assembly
☐ Sprinklers/Standpipes
☐ Smoke Control Systems in Open Wells
☐ Underground Storage Tanks
☐ Swimming Pools, Spas and Hot Tubs
☐ LPGas Tanks
☐ Fire Alarm

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.

☐ Check if contractor.

Agent Name

NRM, Inc. / Joe Davidson

Address

637 Prospect Ave.

Pine Beach, NJ 08741

(phone) 609-709-5460

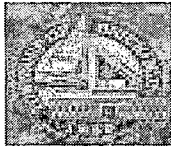
Telephone

Signature

Joe Davidson

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

IV. ☐ HOME ELEVATION: Include Home Elevation Contractor Certification as per N.J.S.A. 52:27D-123.16.



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 1/11/2019
Control Number C-18-004064
Permit Number 18-3103
Permit Issue Date 11/7/2018
Certificate Number 18-3103

Certificate

Construction Code Division

(Certificate of Approval)

Identification

Work Site Location: 224-260 CHAMBERS BRIDGE R Brick Township, NJ Block: 701.12 Lot: 1.01 Qual: _____
Owner in Fee: BRICK TOWNSHIP BD OF EDUCATION
Owner Address: 101 HENDRICKSON AVE BRICK NJ 08724
Telephone: _____
Contractor National Resource Management
Address 637 Prospect Avenue Pine Beach NJ 08741
Telephone: (609) 709-5460 Fax: _____
License Number or Builders Registration Number: _____ Federal Emp. Number: 043177694

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: ELECTRICAL ALTERATIONS - ...EMERGENCY SYSTEM FOR WALK IN COOLER

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

Fee: \$0.00

Check Number: _____

Collected By: _____

Date Printed: 1/11/2019

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

Page 1



ELECTRICAL SUBCODE TECHNICAL SECTION



Date Received
Control #
Date Issued
Permit #

11/8/18
18-3103

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

Block 701-12 Lot 1-01 Qualification Code _____
Work Site Location 224 Chambersbridge Road

Owner in Fee: Brick Township Board of Education

Tel. 732 785-3000 e-mail _____

Address 101 Hendrickson Ave Brick, NJ 08724

Contractor: NRM Inc Tel. 609-709-5480

Address 637 Prospect Ave e-mail _____
Pine Beach NJ 08741

Contractor License No. #1654800 Exp. Date 03/31/2021

Home Improvement Contractor Registration No. or Exemption Reason _____

Federal Emp. ID No. 04-3177694 FAX: _____

B. ELECTRICAL CHARACTERISTICS Warren Wolf

Use Group Present Elementary School Proposed _____

[] Pole/Pad # _____ [] Temporary [] Other _____

Building Occupied as _____ Utility Co. _____

Est. Cost of Elec. Work \$ 4,158.00

JOB SUMMARY (Office Use Only)		INSPECTIONS		Dates (Month/Day)	
PLAN REVIEW		Type:	Failure	Failure	Approval
[] No Plans Required		Rough			
[] Partial - Underslab Utilities Approved		Barrier-Free			
Date:	Approved by:	Trench			
<u>10/31/18</u>	<u>Specs</u>	Temp. Serv.			
[] Electric Plans Approved		Constr. Serv.			
Date:	Approved by:	TCO			
<u>10/31/18</u>	<u>PJC</u>	Other			
Joint Plan Review Required:		Service			
[] Bldg. [] Plumb. [] Fire. [] Elev.		Final			
SUBCODE APPROVAL for PERMIT		Barrier-Free			
Date:	Approved by:	Temp. Cut-in-Card Date Issued			
<u>10/31/18</u>	<u>PJC</u>	Final Cut-in-Card Date Issued			
SUBCODE APPROVAL for CERTIFICATE		Annual Pool Inspection			
[] CO [] CCO [] CA		Date of Grounding and Bonding			
Date:	Approved by:	Certification			
<u>1-8-19</u>	<u>W</u>				

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Applicant sign/Contractor sign and seal here: Joe Davidson

Print name here: Joe Davidson

[X] Licensed Elec. Contractor [] Certif'd Landscape Irrigation Cont'r [] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK: Energy night system for existing walk-in cooler

QTY.	SIZE	ITEMS	FEE (Office Use Only)
_____	_____	Lighting Fixtures	_____
_____	_____	Receptacles	_____
_____	_____	Switches	_____
_____	_____	Detectors	_____
_____	_____	Light Poles	_____
_____	_____	Motors—Fract. HP	_____
_____	_____	Emergency & Exit Lights	_____
_____	_____	Communications Points	_____
_____	_____	Alarm Devices/F.A.C. Panel	_____
_____	_____	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	_____
_____	_____	<u>EMS</u>	_____

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



State of New Jersey
Department of the Treasury

— Division of Taxation —

**RECORD DETAILS
AS OF JANUARY 10, 2018:**

OWNER INFORMATION

Owner Name: BRICK TOWNSHIP BD OF
EDUCATION
Owner Address: 101 HENDRICKSON AVE
BRICK NJ 08724
732-785-3000

**PROPERTY
INFORMATION**

Property Location 224-260 CHAMBERS BRIDGE R
County 15 - Ocean
District 07 - Brick Twp
Block Number 701.12
Lot Number 1.01
Qualifier
Property Class 15A - Exempt Public School Property
Land Description 6.55AC
Building Description 1SCB
Acreage 6.55

Land Value 2,052,800
Building Value 2,959,100
Net Value 5,011,900

Prior Year's Taxes \$0.00
Prior Year's Net Value 5,011,900



CONSTRUCTION PERMIT

Date Issued 11/7/2018
Control # C-18-004064
Permit # 18-3103

IDENTIFICATION Block: 701.12 Lot: 1.01 Qualifier _____
Work Site Location: 224-260 CHAMBERS BRIDGE R Brick Township, NJ Contractor National Resource Management
Address 637 Prospect Avenue Pine Beach NJ 08741
Owner in Fee BRICK TOWNSHIP BD OF EDUCATION
101 HENDRICKSON AVE BRICK NJ 08724 Telephone: (609) 709-5460
Lic. No. or Bldrs. Reg. No. 16548A 16548A 16548A
Federal Employee No. 043177694

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:

ELECTRICAL ALTERATIONS EMERGENCY SYSTEM FOR WALK IN COOLER

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 \$4,158

D. Neumann
Construction Official

11/8/18
Date

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 _____
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.

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Board of Exam. of Electrical Contractors

HAS LICENSED

Joseph A. Davidson
637 Prospect Avenue
Pine Beach N.J. 08761

FOR PRACTICE IN NEW JERSEY AS A(N): Electrical Contractor

03/02/2018 TO 03/31/2021
VALID

34E01654800

LICENSEE IDENTIFICATION CERTIFICATE

[Signature]
Secretary of Consumer Affairs (Chief Administrative Officer)

[Signature]
ACTING DIRECTOR

PLEASE DETACH HERE
IF YOUR LICENSE IDENTIFICATION
CERTIFICATE IS LOST OR
PLEASE NOTIFY:
Board of Exam. of Electrical Contractors
P.O. Box 12296
Renoir, NJ 07070

CA-20

State Of New Jersey
New Jersey Office of the Attorney General
Division of Consumer Affairs

THIS IS TO CERTIFY THAT THE
Board of Exam. of Electrical Contractors

HAS LICENSED

NATIONAL RESOURCE MANAGEMENT, INC
JOSEPH A. DAVIDSON
480 Hapgood Street Bldg #2
Canton MA 02021

FOR PRACTICE IN NEW JERSEY AS A(N): Electrical Business Pattern

03/02/2018 TO 03/31/2021
VALID

34E01654800

LICENSEE IDENTIFICATION CERTIFICATE

[Signature]
Secretary of Consumer Affairs (Chief Administrative Officer)

[Signature]
ACTING DIRECTOR

PLEASE DETACH HERE
IF YOUR LICENSE IDENTIFICATION
CERTIFICATE IS LOST OR
PLEASE NOTIFY:
Board of Exam. of Electrical Contractors
P.O. Box 12296
Renoir, NJ 07070

CCS2 Cooler Energy Control System - Spec Sheet

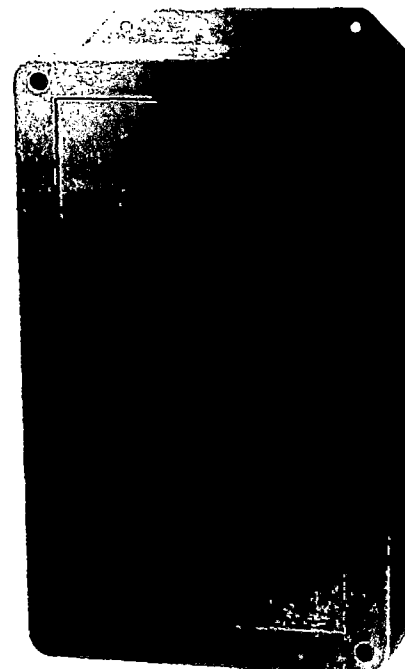
Description

The CCS2 is a microprocessor based digital controller that is designed and programmed to operate a walk-in cooler in an energy efficient manner. The controller features a graphic display and a keypad, which allows operating parameters to be viewed and changed.

The control box has a run/bypass button and optional switch. When the controller is in bypass mode, all relays are de-energized. The relays go to their NC positions and the original control circuit is reestablished. The cooler is now operating on the original thermostat.

Features

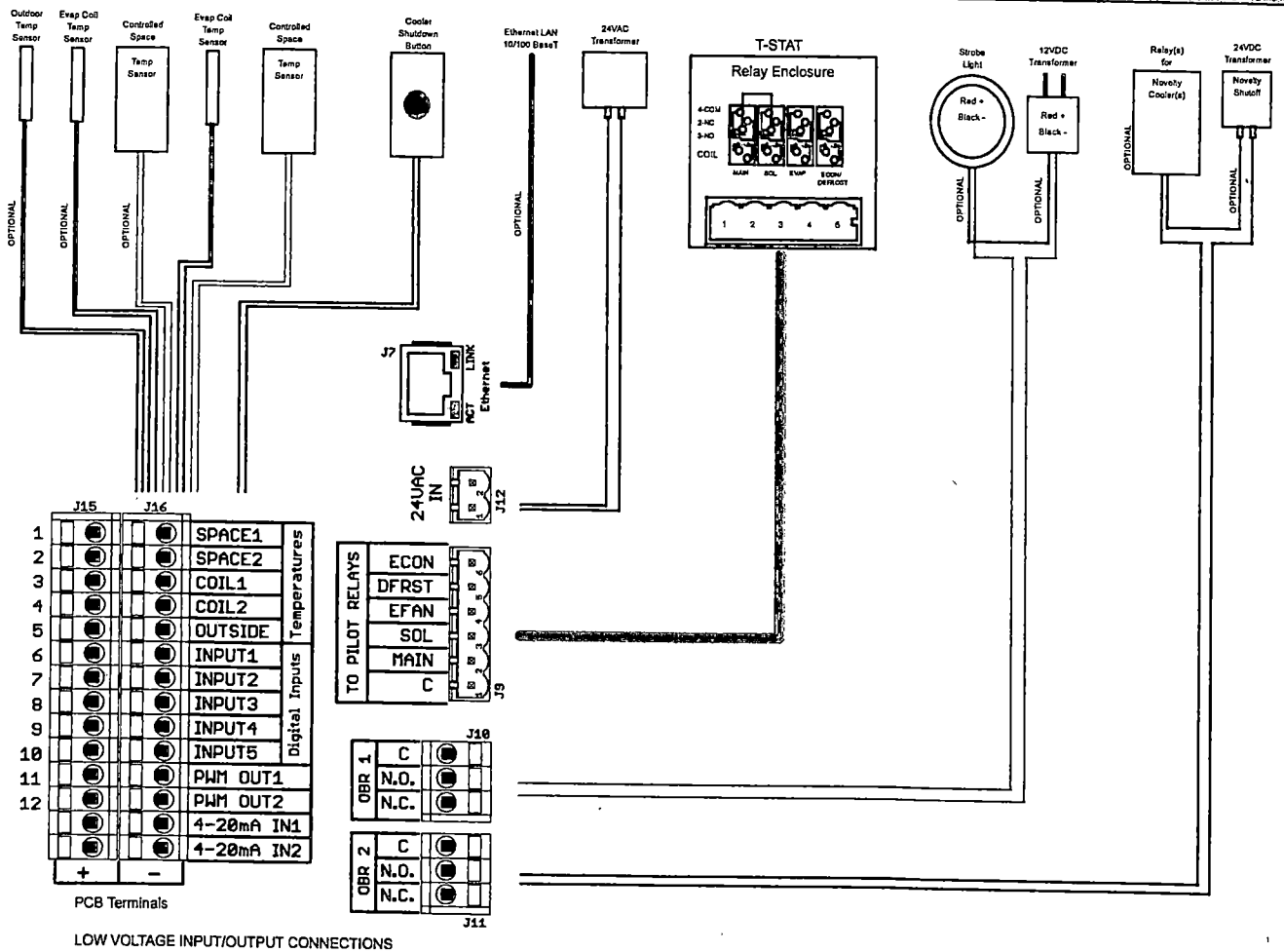
- Shutdown Button – timed shutdown while loading cooler.
- Optional Outside Air Economizer.
- Night Setback of coolers with non-perishable product.
- Alarms – high/low temperature.
- Defrosts based on load, and terminated on temperature.
- Data Logging – up to 10 years of data.
- Two 4-20mA inputs for logging data from Current/Pressure Transducers.
- Two low voltage PWM outputs for controlling ECM motors or Door Heater SSRs.
- Remote Monitoring/Control with Remote Site Manager service. Requires a paid subscription for access.
- Modbus-TCP and Web REST API for access to data and settings.
- Distributed Control – Defrost, Shutdown, and Bypass are synchronized between groups of controllers.



CCS2 Controller

Specifications			
Power supply	24 VAC 20VA	Temperature sensors	5kΩ thermistor, Z curve
Onboard Relays	1A at 24 V AC/DC	Digital Inputs	Dry contact
Control Relay Rating	250VAC 7.5A	Communication ports	Ethernet, USB
PWM outputs	14 VDC 34mA	Control range:	
Ethernet	10/100 BaseT RJ45	System with Air Defrost	31°F - 65°F
Agency approvals	UL Listed 34BA Refrigeration Controller	System with Electric/Hot gas Defrost	-20°F - 65°F
Options			
_E	Outside air economizer.		
_NS	Night Shutoff Control. Single channel, 7 day on/off control.		
_DH	Door Heater anti-condensate control, 2 channels.		

Typical system connections



Typical control connections

