

BLOCK 902 LOT 8 QUALIFICATION CODE _____ ADDRESS (SITE) Midstreams ES 500 Midstreams Rd, Brick PERMIT NO. 18-0387



CONSTRUCTION PERMIT APPLICATION

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

I. IDENTIFICATION

1. Proposed Work Site at Midstreams ES, 500 Midstreams Road, Brick

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

Tel. (732) 785-3000 e-mail _____

Address 101 Hendrickson Ave. Brick 08724

3. Ownership in Fee: Public ☒ Private _____

4. Principal Contractor: Altec Building Systems Corp. Tel. (732) 903-6264

Address 904 Atlantic Ave. Pt. Pleasant, NJ 08742 e-mail psmith@altercbuildingsystems.com

License No. OR, if new home, Builder Reg. No. 11073 Exp. Date 3/31/18

Home Improvement Contractor Registration No. or Exemption Reason (if applicable): 13VHD04948600

Federal Emp. ID No. 22-3292289 FAX: (732) 903-6298

5. Architect or Engineer Kupper Engineering Contact Scott Kupper

Address Ambler, PA 19002 e-mail _____

Tel. (215) 884-5970 FAX: (215) 884-5973

6. Responsible Person in Charge once Work has Begun Bob Smith

Tel. (732) 609-1187 FAX: (732) 903-6298

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

	(office use only)
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)

	Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates	Re-viewer
☐ Building								
☒ Electrical		mif	2/8/18		2/13/18	PR		
☐ Plumbing								
☐ Fire Protection								
☐ Elevator								

TOTAL COST

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL (primary use)

1. State Specific Use: _____

2. Use Group, Proposed: _____

3. Change in Use Group, Indicate Present: _____

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: _____

3. Change in Use Group, Indicate Present: _____

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

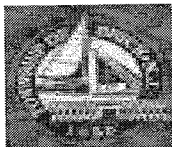
D. Construct. Classification: Present _____ Proposed _____

III. PLAN REVIEW (optional)

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

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

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



Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 4/5/2018
Control Number C-18-000487
Permit Number 18-0387
Permit Issue Date 2/14/2018
Certificate Number 18-0387

Certificate

Construction Code Division
(Certificate of Approval)

Identification

Work Site Location: 500 MIDSTREAMS RD. Brick Township, NJ Block: 902 Lot: 8 Qual: _____
Owner in Fee: BRICK TOWNSHIP BOARD OF EDUCATION
Owner Address: 101 HENDRICKSON AVE. BRICK NJ 08724
Telephone: _____
Contractor ALTEC BUILDING SYSTEMS CORP
Address 904 Atlantic Ave. Point Pleasant NJ 08742
Telephone: (732) 903-6264 Fax: _____
License Number or Builders Registration Number: _____ Federal Emp. Number: 22-3292289

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 - MIDSTREAMS ...SOLAR REVISIONS

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: _____



January 30, 2018

Michael Ford
GeoPeak Energy
285 Davidson Avenue, Suite 101
Somerset, NJ 08873

RE: Brick Schools – Scope of Work Items
Location: Brick School District, NJ – Schools as listed below

Mr. Ford,

The following summary of work listed below corresponds with the attached drawings for the solar modifications we have proposed.

Should you have any questions, please contact me at 215-884-5970.

Sincerely,

KUPPER ENGINEERING, INC.

Scott T. Kupper, P.E., R.E.P.
President
New Jersey PE #24GE04161600

8/10/11

1. Enrichment Education Center

- Remove Neutral between ACD-1 and Transformer
- School to confirm existing Main Bonding Jumper is in place
- Install a Main Bonding Jumper (MBJ), per drawing E-101 at ACD-1
- Install a System Bonding Jumper (SBJ), per drawing E-101 at Transformer
- Install Cable Limiters, per E-101 at MDP

2. Veterans Memorial Middle School

- Install a new Ground Electrode Conductor (GEC), per drawing E-101
- School to confirm Existing Main Bonding Jumper is in place
- Install a MBJ, per drawing E-101 at ACD-1
- Replace Cable Limiters as required
- Replace LB with Pull Box at MDP

3. Veterans Memorial Elementary School

- Install new GEC and Neutral, per drawing E-101
- School to confirm Existing Main Bonding Jumper is in place
- Install a MBJ, per drawing E-101 at ACD-1
- Install Cable Limiters, per E-101 at MDP



**MEP Consulting Engineering
Evolved Engineering**

We hereby acknowledge this scope of work as it relates to the above Brick School projects.

GeoPeak Energy Representative:

[Signature]
Name/Title

Altec Building System Representative:

[Signature]
Name/Title

New Jersey Resources Representative:

[Signature]
Name/Title

[Signature] Asst. Project Manager



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 903 Lot 8 Qualification Code
Work Site Location Midstream Elementary School
500 Midstream Rd, Brick, NJ 08723
Owner in Fee: Brick Township Board of Education
Tel. (732) 785-3000 e-mail
Address 101 Hendrickson Ave, Brick 08724 zip code

Contractor: Altec Electrical Corp. 732 (903-6264
Address 904 Atlantic Avenue e-mail jlawroski@altecbuildingsystems.com
Pt. Pleasant, NJ 08742
Contractor License No. 11073 Exp. Date 3/31/18
Home Improvement Contractor Registration No. or Exemption Reason (if applicable): 13VH04948600
Federal Emp. ID No. 22-3292289 FAX: (732) 903-6298

B. ELECTRICAL CHARACTERISTICS

Use Group Present Proposed
[] Pole/Pad # [] Temporary [] Other
Building Occupied as School Utility Co. JCA
Est. Cost of Elec. Work \$ 62000.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW		INSPECTIONS		Dates (Month/Day)	
[] No Plans Required	Type:	Failure	Approval	Initial	
[] Partial - Underslab Utilities Approved	Rough				
Date: <u>4/13/18</u> Approved by: <u>RELEASER</u>	Barrier-Free				
[] Electric Plans Approved	Trench				
Date: <u>4/13/18</u> Approved by: <u>PR</u>	Temp. Serv.				
[] Bldg. [] Plumb. [] Fire. [] Elev.	Const. Serv.				
Joint Plan Review Required:		TCO			
[] Bldg. [] Plumb. [] Fire. [] Elev.		Other			
SUBCODE APPROVAL FOR PERMIT		Service			
Date: <u>4/13/18</u>	Final				
Approved by: <u>[Signature]</u>	Barrier-Free				
SUBCODE APPROVAL FOR CERTIFICATE		Temp. Cut-in-Card Date Issued			
[] CO [] CCO [] CA	Final Cut-in-Card Date Issued				
Date: <u>4/13/18</u>	Annual Pool Inspection				
Approved by: <u>[Signature]</u>	Date of Grounding and Bonding				
Certification					

Date Received
Control #

Date Issued

C. CERTIFICATION IN Lieu of Seal

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

Print name here:

[] Licensed Elec. Contractor [] Certified Landscape Irrigation Contr [] Exempt Applicant

D. TECHNICAL SHEET DATA

DESCRIPTION OF WORK

Install cable linters/remove neutral/Bonding

FEE (Office Use Only)

QTY. SIZE ITEMS

Lighting Fixtures

Receptacles

Switches

Detectors

Light Poles

Motors—Fract.

Emergency & Exit Lights

Communications Poles

Alarm Devices/F.A.C. Panels

Code Linters

TOTAL NUMBERS

Pool Permit/with UW Lights

Storable Pool/Spa/Hot Tub

KW Elec. Ranges/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 \$

To recorder call: ALLEGRA
Marketing • Print • Mail
(609)-390-1400

2/14/18
18-0387



4. Midstream ES

- Install new GEC and Neutral, per drawing E-101
- Remove Neutral between ACD-1 and Transformer
- School to confirm Existing Main Bonding Jumper is in place
- Install a MBJ, per drawing E-101 at ACD-1
- Replace LB at MDP
- Install Cable Limiters, per E-101 at MDP
- Install a System Bonding Jumper (SBJ), per drawing E-101 at Transformer

5. Brick HS

- Install new GEC and Neutral, per drawing E-101
- Remove Neutral between ACD-1 and Transformer
- School to confirm Existing Main Bonding Jumper is in place
- Install a MBJ, per drawing E-101 at ACD-1
- Install Cable Limiters, per E-101 at MDP
- Install new Ground at Transformer to ACD-1
- Install a System Bonding Jumper (SBJ), per drawing E-101 at Transformer

6. Emma Havens Young

- Remove damaged conductors from conduit
- Remove existing conduit between Roof Curb and Disconnect
- Remove/replace Pull Box on roof
- Replace corroded components at Disconnect
- Replace damaged wires at Transformer
- Install new GEC, per drawing E-101
- Install new Conductors and Neutral, per drawing E-101 to MDP
- Remove Neutral between ACD-1 and Transformer
- School to confirm Existing Main Bonding Jumper is in place
- Install a MBJ, per drawing E-101 at ACD-1
- Install Cable Limiters, per E-101 at MDP
- Install new Neutral and Ground between Transformer and Panel A
- Install a System Bonding Jumper (SBJ), per drawing E-101 at Transformer

7. Lake Rivera MS

- Remove Neutral between ACD-1 and Transformer
- Install new Ground at Transformer to ACD-1
- School to confirm Existing Main Bonding Jumper is in place
- Install a MBJ, per drawing E-101 at ACD-1
- Replace conductors in conduit between Panel A and Transformer
- Install Cable Limiters, per E-101 at MDP
- Install a System Bonding Jumper (SBJ), per drawing E-101 at Transformer



January 30, 2018

Michael Ford
GeoPeak Energy
285 Davidson Avenue, Suite 101
Somerset, NJ 08873

RE: Brick Schools - Scope of Work Items
Location: Brick School District, NJ - Schools as listed below

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Sincerely,

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Scott T. Kupper, P.E., R.E.P.
President
New Jersey PE #24GE04161600

8/16/11

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**MEP Consulting Engineering
Evolved Engineering**

We hereby acknowledge this scope of work as it relates to the above Brick School projects.

GeoPeak Energy Representative:

[Signature]
Name/Title

Altec Building System Representative:

[Signature]
Name/Title

New Jersey Resources Representative:

[Signature]
Name/Title



CONSTRUCTION PERMIT

Date Issued 2/14/2018
Control # C-18-000487
Permit # 18-0387

IDENTIFICATION Block: 902 Lot: 8 Qualifier _____
Work Site Location: 500 MIDSTREAMS RD. Brick Township, NJ Contractor ALTEC BUILDING SYSTEMS CORP
Address 904 Atlantic Ave. Point Pleasant NJ 08742
Owner in Fee BRICK TOWNSHIP BOARD OF EDUCATION
101 HENDRICKSON AVE. BRICK NJ 08724 Telephone: (732) 903-6264
Telephone: _____ Lic. No. or Bldrs. Reg. No. 11073 11073 11073
Federal Employee No. 22-3292289

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 - MIDSTREAMS ...SOLAR REVISIONS

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 \$6,200

D. Newman Jr.
Construction Official

2/14/18
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.