

Brick Township
401 Chambersbridge Rd
Brick, NJ 08723

Date Issued 8/18/2015
Control Number C-15-002876
Permit Number 15-2160
Permit Issue Date 7/7/2015
Certificate Number 15-2160

Certificate

Construction Code Division

(Certificate of Approval)

Identification

Work Site Location: 335-399 BRICK BLVD. 379 BRICK BLVD. Block: 547.01 Lot: 15 Qual: _____
SOLAR SOURCE Brick Township, NJ

Owner in Fee: DRUM POINT PLAZA LLC

Owner Address: 249 BRICK BLVD BRICK NJ 08723

Telephone: _____

Contractor TRADEWIN SIGN LLC

Address 242 KELLER STREET BAYVILLE NJ 08721

Telephone: (732) 604-9779 Fax: _____

License Number or Builders Registration Number: _____ Federal Emp. Number: _____

Home Warranty Number: _____

Type of Warranty Plan: ☐ State ☐ Private

Use Group: B Construction Classification: _____

Maximum Live Load: 0 Maximum Occupancy Load: 0

Description of Work/Use: SIGN INSTALLATION - SOLAR SOURCE ...FACADE SIGN

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: _____

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 TRADEWIND Sign LLC

Address 242 KEELER ST 1

BRANTFORD 08721

Telephone 732-604-9779

Signature Jordan Gibson

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



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 547201 Lot 15 Qualification Code _____
Work Site Location 379 Brick Blvd

Owner in Fee: Solar Source LLC

Tel. (732) 477-6363 e-mail _____

Address 379 Brick Blvd Brick NJ e-mail _____

Contractor: TRACON SIGN LLC municipality Tel. (732) 604-5779

Address 242 KELLEY ST e-mail _____

BRIDGEVIEW 08724

Contractor License No. or Builder Registration No. 26-3617847 Exp. Date _____

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

Federal Emp. ID No. _____ FAX: (____) _____

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Failure	Failure	Approval	Dates (Month/Day)	Initial
☒ No Plans Required	07/01/15	TRACON	Footing					
☒ All			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	07/02/15		Finishes -Base Layer					
Date:			Finishes -Final					
Approved by:			Energy					
SUBCODE APPROVAL for CERTIFICATE			Mechanical					
☐ CO ☐ CCO			TCO					
Date:	08/04/15		Other					
Approved by:			Barrier-Free					

B. BUILDING CHARACTERISTICS

Use Group Present _____ Proposed _____

No. of Stories _____

Height of Structure _____ ft.

Area — Largest Floor _____ sq. ft.

New Bldg. Area/All Floors _____ sq. ft.

Volume of New Structure _____ cu. ft.

Max. Live Load _____

Max. Occupancy Load _____

Constr. Class Present _____ Proposed _____

If Industrialized Building: State Approved _____ HUD _____

Est. Cost of Bldg. Work:

1. New Bldg. \$ _____
2. Rehabilitation \$ _____
3. Total (1+2) \$ 5,000

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

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.

Sign here: Robert Gibson

Print name here: Robert Gibson

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

COMMERCIAL LETTERS ON FACADE

COMMERCIAL

TYPE OF WORK:

- ☐ New Building
- ☐ Addition
- ☐ Rehabilitation
- ☐ Roofing
- ☐ Siding
- ☐ Fence
- ☒ Sign 40 Height (exceeds 6') Sq. Ft. _____
- ☐ Pool
- ☐ Retaining Wall _____ Sq. Ft. _____
- ☐ Asbestos Abatement Subchapter 8
- ☐ Lead Haz. Abatement NJAC 5:17
- ☐ Radon Remediation
- ☒ Other Signage
- ☐ Demolition

FEE (Office Use Only)

Administrative Surcharge \$ _____

Minimum Fee \$ _____

State Permit Surcharge Fee \$ _____

TOTAL FEE \$ _____

1 White = Inspector Copy

2 Canary = Office Copy

3 Pink = Office Copy

4 Gold = Applicant Copy

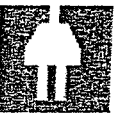
Date Received
Control #

Date Issued
Permit #

7/7/15
15-2160



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 547.01

Lot 15

Work Site Location 379 BRICK BLD

Qualification Code

Owner in Fee: Solar Source LLC

Tel. (732) 477-6363

e-mail

Address 379 BRICK BLVD

Contractor: W.T. Tish Electric LLC

Tel. (732) 678-6440

Address 2 TOLY CT.

Contractor License No. 17863

Exp. Date

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

Federal Emp. ID No.

FAX: ()

B. ELECTRICAL CHARACTERISTICS

Use Group Present

Proposed

[] Pole/Pad #

[] Temporary

[] Other

Building Occupied as

Utility Co.

Est. Cost of Elec. Work \$ 100

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required

INSPECTIONS

[] Partial Under-slab Utilities Approved

Type: Rough

Date: Approved by: W.T. Tish

Barrier-Free

[] Electric Plans Approved

Trench

Date: 6/24/15 Approved by: W.T. Tish

Temp. Serv.

Joint Plan Review Required:

Const. Serv.

[] Bldg. [] Plumb. [] Fire. [] Elev.

TCO

SUBCODE APPROVAL for PERMIT

Service

Date: 6/24/15

Final

Approved by: W.T. Tish

Barrier-Free

SUBCODE APPROVAL for CERTIFICATE

Temp. Cut-In-Card Date Issued

[] CO [] CCO [] CA

Final Cut-In-Card Date Issued

Date: 8/3/15

Annual Pool Inspection

Approved by: W.T. Tish

Date of Grounding and Bonding

Certification

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:

Print name here: William Tish

Licensed Elec. Contractor [] Cert'd Landscape Irrigation Contr' [] Exempt Applicant

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

QTY. SIZE ITEMS

Lighting Fixtures

Receptacles

Switches

Detectors

Light Poles

Meters/Trascl. HP

Emergency & Exit Lights

Communications Points

Alarm Devices/F.A.C. Panel

TOTAL NUMBERS

Pool Permit/with UV 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 1/4 HP

KW Transformer/Generator

AMP Service

AMP Subpanels

AMP Motor Control Center

KW Elec. Sign/Outline Light

7/7/15
15-21400
NJ Electrical Contractors
Date Received
Control #
Date Issued
Permit #

COMMERCIAL

FEE (Office Use Only)

FASTENER APPLICATION GUIDE						
WALL CONSTRUCTION						
HARDWARE	DIAM.	Row Spacing	MASONRY (CMU-Block)	EFIS/DRYVIT OVER min. 1/2" PLYWOOD	EFIS/DRYVIT OVER GYPSUM/ DENGSLASS	METAL PANEL OVER METAL STUD
THRU-BOLT	3/8"	30" O.C.	YES	YES	ONLY WITH BACKER	YES
EXPANSION ANCHOR	3/8"	30" O.C.	YES*	NO	NO	NO
LAG BOLT	3/8"	20" O.C.	NO	1" SOLID WOOD PENETRATION REQ'D	NO	NO
TOGGLE BOLT	3/8"	16" O.C.	IF THROUGH BLOCK FACE	YES	ONLY WITH MIN. 1/2" PLYWOOD BACKER	YES
PIN MOUNT	3/8"	16" O.C.	YES WITH A (2-1/2" Emb.)	YES w/ Nuts & Washers	YES w/ 3/4" PLYWOOD BACKER - Nuts&Washers	NO
1.) Each "Row" shall have two fasteners, top and bottom of raceway - 6" end clearance unless otherwise noted						
2.) Expansion anchors require a minimum 3-1/2" embedment						
3.) Pin mounts into masonry shall embed a min. of 2-1/2" w/ Structural Epoxy Adhesive						
4.) Thru-Bolts/Rods: Acceptable to install into 12x2x3/16" Std. Angle spanning Two(2) wall studs per Bolt or Roc						

CONNECTION CALCULATIONS RACEWAY

Wind Pressure = 38psf @ V=115mph Design wL

Wind Load = 1578 lbs (Max.)

Risk Category = 11

Check Connection at Building Wall

Maximum tension force on top row fasteners

$((1578) \times (1.00) + (410.0) \times (0.25)) / (0.67R) = 2384.94$

Total Fasteners (top and bottom) = 50.00 Total

Allowable tension:

1/4"-20 Type BB Toggle Bolt into Plywood over Stud Frame

Allowable Per/Fastener: Tension = 100.0 / Shear = 108

Actual Tension = 2385 lbs. < 2700 lbs. Allowable

Actual Shear per/Conn. = 8 < 5400 lbs. Allowable

Analysis:

Applied Load 2.4ksi < 2.7ksi Fastener Total = 0.3Ksi

Minimum Fasteners @ Top Edge = (25) x (2) Rows = (50) Top and Bottom.

Ref. Material:

Toggle Tec- Guide

IBC-2009 / ASCE 7-10

PROVIDE A MINIMUM OF (50) FASTENERS, (2) ROWS OF (25) Fasteners

INTO RACEWAY BOX / FRAME SEC., (25), (25) TOP, BOTTOM, Evenly Spaced

INTO Plywood over Stud Frame with a Minimum Embedment of 5/8" Plywood

Provide TwentyFive(25) Toggle Bolts Top and Bottom = Fifty(50) Total

= OK
= OK

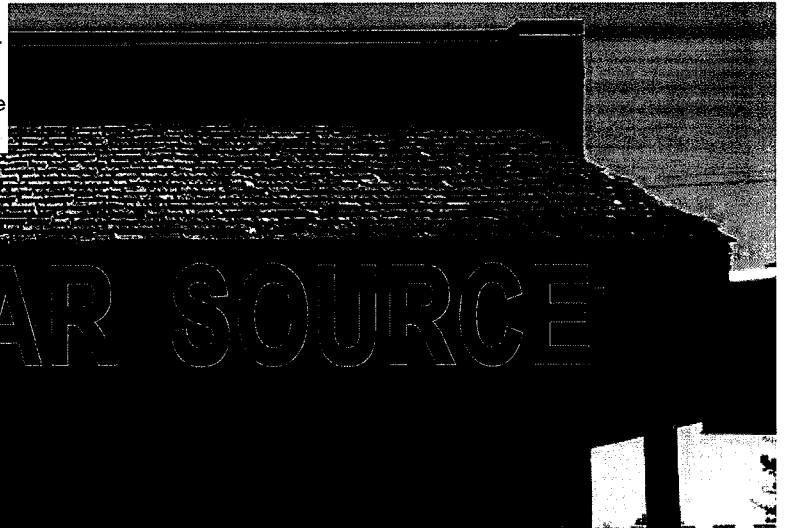
20.00 ft



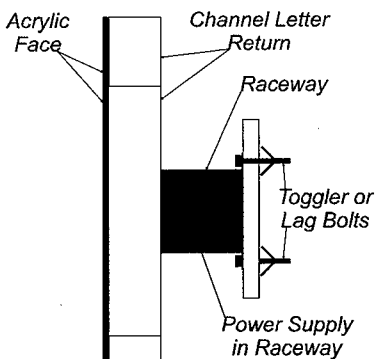
Engineers Connection Options:

- 1.) Provide Fifty 1/4" Diam. BB Toggle Bolts into 5/8" Thk. Plywood Emb. Twenty Five(25) Top and Bottom, Evenly Spaced.
- 2.) Provide Sixteen(16) 1/4" Diam. Lag-Bolts into a 1-1/2" Solid Wood Emb. Min. Eight(8) Top and Bottom, evenly spaced.
- 3.) Install 3/8" Diam. Fasteners along the top and bottom of raceway, using the Fastener application guide for existing wall construction type to determine the proper fastener type and maximum O.C. bolt line spacing.

** All fasteners types to be installed with a 4" Maximum side end clearance.



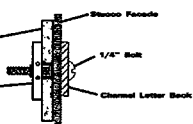
Enlarged View



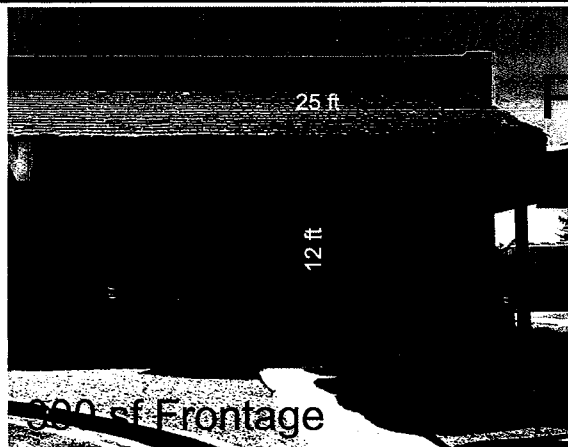
TOGGLE, Toggle Bolts (1/4") (250119)



5/8" Ply Wood



Alternate mounting may be used pending wall construction.



300 sf Frontage
Proposed 40 sf Sign

Designed per IBC -2009 NJ edition

Snow Loads:

Ground Snow Load.....Pg-25 psf

Snow Exposure Factor...Ce=1.0

Snow Load Importance..Is=1.1

Thermal Factor.....Ct=1.0

Wind Loads:

Basic Wind Speed.....115 mph

Wind Importance Factor..I=1.15

Wind Exposure.....C

ASCE Force Coef.....1.8 (or per table)

Gust Factor.....0.95

Exterior Components designed in

accordance with applicable provisions

of the ASCE 7-10

300 sf Frontage

300 sf Frontage

300 sf Frontage

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300 sf Frontage

300 sf Frontage

Client Name:

John DeGeorge

Location:

Drum Point Plaza

Start Date:

Last Revision:

Job #:

Drawing #:

Page:

Client Approval

Landlord Approval

Sales Rep:

M Guarneri

Designer:

M Guarneri

Project Mgr.:

D Gibson

Location:379 Brick Blvd in Brick NJ





CONSTRUCTION PERMIT

Date Issued _____
Control # C-15-002876
Permit # 15-2160

IDENTIFICATION Block: 547.01 Lot: 15 Qualifier _____
Work Site Location: 335-399 BRICK BLVD. 379 BRICK BLVD. SOLAR Contractor TRADEWIN SIGN LLC
SOURCE Brick Township, NJ Address 242 KELLER STREET BAYVILLE NJ 08721
Owner in Fee DRUM POINT PLAZA LLC
249 BRICK BLVD. BRICK NJ 08723 Telephone: (732) 604-9779
Telephone: _____ Lic. No. or Bldrs. Reg. No. _____
Federal Employee No. _____

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:

SIGN INSTALLATION - SOLAR SOURCE ... FACADE SIGN

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 \$5,100

Daniel Newman Jr
Construction Official

4/17/15
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	\$150
Electrical	\$100
Plumbing	\$0
Fire Protection	\$0
Elevator Devices	\$0
Other	\$0.00
DCA Training Fee	\$10
CO Fee	
Other	1005 \$0
Total	\$260
Check No.	
Cash	\$0
Credit	\$0
Collected By	

+ 50
310

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:

- 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.
- Foundations and all walls up to grade level prior to back filling.
- 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.
- Installation of all finished materials, sealings of exterior joints, plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

07/07/15 1:26PM 001558K2504
AXID SERV. 010
BUILDING \$150.00
ELECTRIC \$100.00
PLUMBING \$0.00
FIRE \$0.00
CHECK \$310.00

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.

RECEIVING CLERK _____
DATE REC'D _____

ZONING PERMIT APPLICATION

PERMIT # 28-157-00800
DATE ISSUED 7-7-15

BLOCK: 547.01 LOT: 15 QUALIFIER: _____ SITE ADDRESS: _____

IDENTIFICATION:

1. NAME OF OWNER IN FEE: Solar Sales LLC
COMPLETE ADDRESS: 3574 Brick Blvd
Brick NJ
PHONE # 732-477-6363 EMAIL: _____

2. NAME OF APPLICANT: ~~Solar Sales LLC~~ TRADEWIND Sign LLC
APPLICANT ADDRESS: 354 Brick Blvd 242 KELLER ST
BAVILLIE NJ
PHONE # 732-604-9779 EMAIL: darren@tradewindsign.com

3. RESPONSIBLE PERSON FOR WORK: DARREN GIBSON
PHONE # 732-604-9779 FAX# 602-488-5962

4. SIGNATURE OF APPLICANT: Darren Gibson

PROJECT DESCRIPTION: (PLEASE CHECK APPLICABLE WORK & DESCRIBE)

*NEW BUILDING: _____ *ADDITION _____ *ALTERATION _____ *PORCH _____ *DECK _____

POOL: ABOVE GROUND _____ IN GROUND _____ FENCE: HEIGHT _____ TYPE _____ MATERIAL _____

HEIGHT: 24" (*IF APPLICABLE)

OTHER: Sign

DESCRIPTION: CHARACTER LETTERS on facade

ZONING REVIEW:

DATE REVIEWED: 6-18-16 DATE DENIED: _____ DATE APPROVED: 6-18-16 INTLS: aw (SEE BACK PAGE)

FOR OFFICE USE ONLY

FEE SUMMARY:

APPLICATION FEE: \$ 50-
OTHER: \$ _____
TOTAL: \$ 50-

REQUIRED BY APPLICANT

RESIDENTIAL: N/A
COMMERCIAL: ✓
EXISTING USE: _____
PROPOSED USE: office
BOARD APPROVAL: _____ PB _____ ZB _____
RESOLUTION#: _____
APPROVAL DATE: _____

OFFICE USE ONLY

ZONING REVIEW:

DATE REVIEWED: _____ DATE DENIED: _____ DATE APPROVED: _____ INTLS: _____

— 1 —

DATE:	COMMENTS:	INITIALS:
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[illegible]



Brick Township
401 Chambers Bridge Rd.

Brick, NJ 08723
(732) 262-1336

Date Issued:

Application Number: 7/17/15
ZA-15-00785

Application Date: 06/16/2015

Project Number:

Permit Number: ZP-15-00808

Fee:

\$50

Zoning Permit

Worksite **335-399 BRICK BLVD.**
Location: **Brick Township, NJ**

Block: **547.01**

Lot: **15**

Qualifier:

Zone: **B-2**

Owner: **DRUM POINT PLAZA LLC**
Address: **249 BRICK BLVD**
BRICK, NJ 08723

Applicant: **Tradewind Sign LLC**
Address: **242 Keller St.**
Bayville, NJ 08721

Application Approved Date: 06/18/2015

This Certifies that an application for the issuance of a Zoning Permit has been examined.

Use is: Retail Store (Solar Source)

Nonconforming Use is: _____

Work Description:

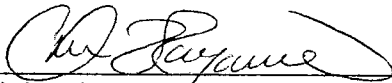
Sign - UL Fabricated Illuminated Channel Letters with Channel Box Logo.
40 Sq. Ft. on Facade

The sign area shall not exceed the maximum 15% of the first floor building facade.

Additional Zoning permit is required for additional work or signage,

Upon review it was determined that the Zoning Permit:

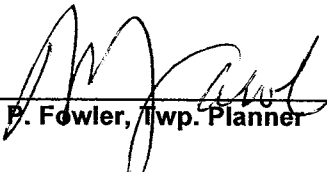
- ☒ Permitted by Ordinance
☐ Permitted by Variance approved on: _____
☐ Valid Nonconforming Use is established by
 ☐ Zoning Board of Adjustment
 ☐ Zoning Officer



Christopher J. Romano, Office of Zoning

06/18/2015

Date



Michael P. Fowler, Twp. Planner

6/22/15
Date

ENGINEERING PERMIT APPLICATION

RECEIVING CLERK: _____

PERMIT #: _____

BLOCK: 54701 LOT: 15 ADDRESS: 379 Brick Blvd, Brick, NJ

IDENTIFICATION:

1. WORK SITE ADDRESS: 379 Brick Blvd

2. NAME OF OWNER IN FEE: Solar Source LLC

ADDRESS: 379 Brick Blvd PHONE #: (202) 477-1036

Brick NJ FAX #: ()

3. PRINCIPAL CONTRACTOR: TRABUCCO SIGN LLC

ADDRESS: 242 Kellers PHONE #: (202) 604-9779

Bayville NJ 08721 FAX #: ()

4. ARCHITECT OR ENGINEER: MURDOCK ENGINEERING

ADDRESS: 2 HAWKING BIRD CT PHONE #: (973) 570-8215

5. RESPONSIBLE PERSON FOR WORK: DARRELL GIBSON

ADDRESS: 242 Kellers Bayville NJ

PHONE #: (202) 604-9779 FAX #: () E-MAIL: dargen@TrabuccoSign.com

PROJECT DESCRIPTION:

☐ GRADING/CLEARING ☐ ROAD OPENING

☐ SOIL REMOVAL/FILL ☐ RETAINING WALL ☐ POOL

☐ BULKHEAD/DOCK ☐ DWELLING ☐ TREE REMOVAL

☒ OTHER SIGNATURE ON FACADE

LENGTH: 26' WIDTH: 10'-12" HEIGHT: 24"

ENGINEERING REVIEW:

DATE RECEIVED: _____ DATE REJECTED: _____ DATE APPROVED: _____ INITIALS: _____

FEE SUMMARY:

APPLICATION FEE: \$ _____

REVIEW FEE: \$ _____

INSPECTION FEE: \$ _____

OTHER: \$ _____

BOND(S): \$ _____

TOTAL: \$ _____

SPECIAL CONDITIONS:

OCEAN COUNTY SOILS: _____

DRAINAGE EASEMENTS: _____

UTILITY EASEMENTS: _____

CONSERVATION EASEMENTS: _____

FEMA REQUIREMENTS: _____

D.E.P. PERMITS: _____

BOARD APPROVAL: ☐ PB ☐ ZB

APPLICATION NUMBER: _____

APPROVED DATE: _____

FASTENER APPLICATION GUIDE

HARDWARE	DIAM.	Row Spacing	WALL CONSTRUCTION			
			MASONRY (CMU-Block)	EIFS/DRYVIT OVER min. 1/2" PLYWOOD	EIFS/DRYVIT OVER GYPSUM/ DENSGLASS	METAL PANEL OVER METAL STUD
THRU-BOLT	3/8"	30" O.C.	YES	YES	ONLY WITH BACKER	YES
EXPANSION ANCHOR	3/8"	30" O.C.	YES*	NO	NO	NO
LAG BOLT	3/8"	20" O.C.	NO	1" SOLID WOOD PENETRATION REQ'D	NO	NO
TOGGLE BOLT	3/8"	16" O.C.	IF THROUGH BLOCK FACE	YES	ONLY WITH MIN. 1/2" PLYWOOD BACKER	YES
PIN MOUNT	3/8"	16" O.C.	YES WITH A (2-1/2" Emb.)	YES w/ Nuts & Washers	YES w/ 3/4" PLYWOOD BACKER - Nuts & Washers	NO

1.) Each "Row" shall have two fasteners, top and bottom of raceway - 6" end clearance unless otherwise noted

2.) Expansion anchors require a minimum 3-1/2" embedment

3.) Pin mounts into masonry shall embed a min. of 2-1/2" w/ Structural Epoxy Adhesive

4.) Thru-Bolts/Rods: Acceptable to install into L2x2x3/16" Std. Angle spanning Two(2) wall studs per/Bolt or Rod

CONNECTION CALCULATIONS RACEWAY

Wind Pressure = 38psf @ V=115mph Design wL

Wind Load = 1578 lbs (Max)

Risk Category = II

Check Connection at Building Wall

Maximum tension force on top row fasteners

$((1578) \times (1.00) + (410.0) \times (0.25)) / (0.67ft.) = 2384.94$

Total Fasteners (top and bottom) = 50.00 Total

Allowable tension:

1/4"-20 Type BB Toggle Bolt into Plywood over Stud Frame

Allowable Per/Fastener: Tension = 100.0 / Shear = 108

Actual Tension = 2385 lbs. < 2700 lbs. Allowable

Actual Shear per/Conn. = 8 < 5400 lbs. Allowable

Analysis:

Applied Load 2.4ksi < 2.7ksi Fastener Total = 0.3Ksi

Minimum Fasteners @ Top Edge = (25) x (2) Rows = (50) Top and Bottom.

Ref. Material:

Toggle Tec- Guide

IBC-2009 / ASCE 7-10

PROVIDE A MINIMUM OF (50) FASTENERS, (2) ROWS of (25) Fasteners

INTO RACEWAY BOX / FRAME SEC., (25), (25) TOP, BOTTOM, Evenly Spaced

INTO Plywood over Stud Frame with a Minimum Embedment of 5/8" Plywood

Provide TwentyFive(25) Toggle Bolts Top and Bottom = Fifty(50) Total

20.00 ft



SOLAR SOURCE

24.0 in

Engineers Connection Options:

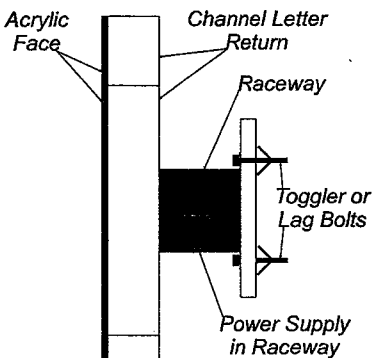
- 1.) Provide Fifty 1/4" Diam. BB Toggle Bolts into 5/8" Thk. Plywood Emb. Twenty Five(25) Top and Bottom, Evenly Spaced.
- 2.) Provide Sixteen(16) 1/4" Diam. Lag-Bolts into a 1-1/2" Solid Wood Emb. Min. Eight(8) Top and Bottom, evenly spaced.
- 3.) Install 3/8" Diam. Fasteners along the top and bottom of raceway, using the Fastener application guide for existing wall construction type to determine the proper fastener type and maximum O.C. bolt line spacing.

** All fasteners types to be installed with a 4" Maximum side end clearance

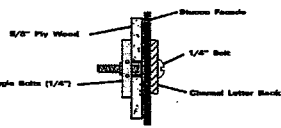


SOLAR SOURCE

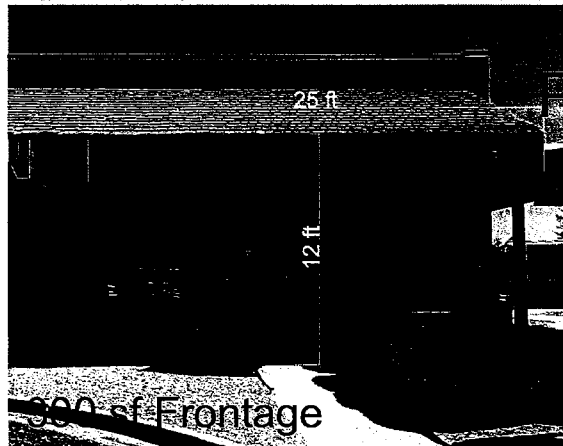
Enlarged View



TOGGLEB, Toggle Bolts (1/4" 124014)



Alternate mounting may be used pending wall construction.



UL Fabricated Illuminated Channel Letters with Channel Box Logo. All L.E.D. in RED All Aluminum Fabrication with UL power supply. All .040 Pre-coat aluminum returns with aluminum raceway and acrylic faces.

300 sf Frontage Proposed 40 sf Sign

Designed per IBC -2009 NJ edition

Snow Loads:

Ground Snow Load.....Pg-25 psf

Snow Exposure Factor.....Ce=1.0

Snow Load Importance.....Is=1.1

Thermal Factor.....Ct=1.0

Wind Loads:

Basic Wind Speed.....115 mph

Wind Importance Factor.....I=1.15

Wind Exposure.....C

ASCE Force Coef.....1.8 (or per table)

Gust Factor.....0.85

Exterior Components designed in accordance with applicable provisions of the ASCE 7-10

Murdoch Engineering
2 Hummingbird Ct.
Howell, NJ 07731
(973)-570-8215

Jeff Murdoch 6/3/15
Jeff Murdoch, P.E.
Professional Engineer

NJ P.E. License #48980

Location: 379 Brick Blvd in Brick NJ

Zoning Review
Approval

By: *6-15-15*
Date: *6-15-15*
Sign



Client Name:
John DeGeorge
Location:
Drum Point Plaza

Start Date:
Last Revision:
Job #:
Drawing #:
Page:

Client Approval

Landlord Approval

Sales Rep:
M Guarneri
Designer:
M Guarneri
Project Mgr.:
D Gibson

TOWNSHIP OF BRICK
OCEAN COUNTY, NEW JERSEY
401 CHAMBERS BRIDGE ROAD, BRICK, N.J. 08723

John G. Ducey, Mayor

Township Council:

Paul Mummoio - President
Heather deJong - Vice President
Jim Fozman
Susan Lydecker
Bob Moore
Marianna Pontoriero
Andrea Zapcic



Division of Engineering

Elissa C. Commins, PE, PP, CME, CPWM, CFM
Township Engineer & Floodplain Manager
Ecommins@twp.brick.nj.us

732-262-1040
Fax: 732-262-2941
www.twp.brick.nj.us

Date: 6/9/15

**ENGINEERING
PLOT PLAN EXEMPT FORM
(ONLY IF NOT IN A FLOOD ZONE)**

Block: 547.01 Lot: 15

Property Address: 379 BRICK BLVD BRICK NJ

I, DARREN GIBSON of 379 BRICK BLVD
(name) (address)

request to be exempt from the plot plan requirement for an addition, fence, shed, deck, pool, retaining wall, etc. as outlined in the Township Code, Chapter 245, Section 245-29.

Darren Gibson
Applicant's Signature

The following shall be submitted with this request:

1. Submit surveys locating existing dwelling and proposed addition. Dimensions of the addition should be included.
2. Proof that the property is not located in a Flood Hazard Area.

Note: Prior to approval a site inspection by the Engineering Department will be performed to verify that the proposed addition will not create a drainage problem.

FOR OFFICE USE ONLY

Approved on: _____ Signed: _____

Rejected on: _____ Signed: _____

Comments:

