

CONSTRUCTION PERMIT APPLICATION

Application Complete: Sections I, II, III (optional), IV, VI, and VII

1. IDENTIFICATION

1. Proposed Work Site at: SUMMIT BANK (545 Brick Blvd)

2. Name of Owner in Fee: SUMMIT BANK Tel. (732) 477-5700

Address 545 BRICK BLVD. BRICKTOWN
street municipality zip code

3. Ownership in Fee: Public _____ Private _____

4. Principal Contractor: QUALITY SERVICE ASSOC. Tel. (908) 241-9400

Address P.O. Box 2457, WESTFIELD, NJ, 07090

License No. OR, if new home, Builder Reg. No. 22-2477158 Exp. Date _____

Federal Employee No. 22-2477158 FAX: (_____) _____

5. Architect or Engineer _____ Tel. (_____) _____

Address _____

6. Responsible Person in Charge of Work PETER BRODLAU

Tel. (908) 241-9400 FAX (908) 241-9444

GAS Piping.

V. FEE SUMMARY (for office use only)		Update	Update
1. Building	\$		
2. Electrical	\$	195.-	
3. Plumbing	\$	165.-	
4. Fire Protection	\$		
5. Elevator Devices	\$		
6. Subtotal	\$	250.-	
7. Less 20% for State Plan Review	\$		
8. Subtotal	\$	3.-	
9. DCA Training Fee	\$		
10. Subtotal	\$		
11. Cert. of Occupancy	\$		
12. Other	\$		
13. TOTAL	\$	613.-	

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. Construction Classification	_____	_____
7. Total Land Area Disturbed	_____ sq. ft.	_____
8. Flood Hazard Zone	_____	_____
9. Base Flood Elevation	_____ ft.	_____
10. Wetlands	yes _____ no _____	_____
11. Max. Live Load	_____	_____
12. Max. Occupancy Load	_____	_____

II. PROPOSED WORK		OPTIONAL (for office use only)							
	Est. Cost	Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates		Re-viewer
							Approval	Rejection	
1. ☐ Minor Work									
2. ☐ New Building									
3. ☐ Addition									
4. ☐ Alteration									
5. ☐ Fire Protection									
6. ☒ Plumbing	1500.		9/30/98		11-4-99				
7. ☒ Electrical			10/8/98		10/4/99				
8. ☐ Elevator Devices									
9. ☐ Asbestos Abat. Subch. 8									
10. ☐ Lead Hazard Abatement									
11. ☐ Demolition									
TOTAL COSTS	1500.	IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?							

III. DO YOU WANT: (optional)

1. ☐ Partial Releases

2. ☐ Prototype Processing

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

1. ☐ Elevators/Escalators/Lifts/ Dumbwaiters/Moving Walks	5. ☐ Cross-Connections/Backflow Preventers
2. ☐ High Pressure Boilers	6. ☐ Hazardous Uses/Places of Assembly
3. ☐ Pressure Vessels	7. ☐ Sprinklers
4. ☐ Refrigeration Systems	8. ☐ Smoke Control Systems in Open Wells
	9. ☐ Underground Storage Tanks

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL

1. ☐ Hotels (R-1)

2. ☐ Multi-Family (R-2)

3. ☐ Two-Family (R-3) BOCA

4. ☐ Two-Family (R-4) CABO

5. ☐ One-Family (R-3) BOCA

6. ☐ One-Family (R-4) CABO

No. of dwelling units:

Before Construction _____

After Construction _____

Net Gain or Loss _____

B. NON-RESIDENTIAL

1. State Specific Use:

2. Use Group: Bank

3. Change in Use Group, Indicate Former:

called $11/3$ pump

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(e)1.vii:

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. 5:32-2.15(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 QUALITY SERVICE ASSOCIATES, INC

Address P.O. 2457, WESTFIELD, NJ 07090

Telephone (908) 241-9400

Signature [Signature]

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

OFFICE DATE RECEIVED: _____

VIII. PRIOR APPROVALS CHECKLIST (office use only)	LOCAL APPROVAL		COUNTY APPROVAL		REGIONAL APPROVAL		STATE APPROVAL		COMMENTS
	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	
☐ Zoning Officer									
☐ Planning Board									
☐ Zoning Board									
☐ Sewer Authority									
☐ Water Authority									
☐ Police Department									
☐ Health Department									
☐ Soil Conservation									
☐ N.J. Department of Community Affairs									
☐ N.J. Department of Transportation									
☐ N.J. Department of Environmental Protection									
☐ Utility Dig No.									
☐									
☐									

IX. SUBCODES AND SPECIAL REGULATIONS APPLICABLE (office use only—optional)

Name of Code & Edition _____

Name of Code & Edition _____

Other _____

Building _____	Energy _____
Electrical _____	Barrier Free _____
Plumbing _____	Flood Hazard _____
Fire Protection _____	As Built Elevation Cert. _____
Mechanical _____	Other _____

X. CERTIFICATES ISSUED (office use only)

☐ Temporary Certificate of Occupancy	No. _____	DATE ISSUED _____	DATE EXPIRED _____	DATE REISSUED _____	DATE EXPIRED _____
☐ Temporary Certificate of Compliance	No. _____	DATE ISSUED _____	DATE EXPIRED _____	DATE REISSUED _____	DATE EXPIRED _____
☐ Continued Certificate of Occupancy	No. _____	DATE ISSUED _____	DATE EXPIRED _____	DATE REISSUED _____	DATE EXPIRED _____
☐ Certificate of Compliance	No. _____	DATE ISSUED _____	DATE EXPIRED _____	DATE REISSUED _____	DATE EXPIRED _____
☐ Certificate of Occupancy	No. _____	DATE ISSUED _____	DATE EXPIRED _____	DATE REISSUED _____	DATE EXPIRED _____
☐ Certificate of Approval	No. _____	DATE ISSUED _____	DATE EXPIRED _____	DATE REISSUED _____	DATE EXPIRED _____
☐ Lead Abatement Clearance Certificate	No. _____	DATE ISSUED _____	DATE EXPIRED _____	DATE REISSUED _____	DATE EXPIRED _____

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
CONSTRUCTION
PERMIT

Date Issued 11/10/98
Control #
Permit # 98-3924

IDENTIFICATION Block 547 Lot 1

Work Site Location 545 BRICK BLVD SUMMIT BANK

GAS PIPING/HVAC

Owner in Fee SUMMIT BANK

Address SAME

BRICK, NJ 08723-

Telephone (732)477-5300

Qual

Contractor RUSSELL HENDRICKSON ELECTRIC

Address 1 SHERWOOD RD
EDISON, NJ

Telephone (732)321-0521

Lic. No. of Bldrs. Reg. No. 9102

Federal Emp. No.

Is hereby granted permission to perform the following work:

- ☐ BUILDING ☒ PLUMBING ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT ☐ OTHER

(Subchapter 8 only)

DESCRIPTION OF WORK:

GAS PIPING FOR A/C UNITS

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 \$ 4,000

Constructive official

Richard J. [Signature] 11/10/98
Date

U.C.C. FIRM (rev. 3/96)

PAYMENTS (Office Use Only)

Building 0
Electrical 195
Plumbing 165
Fire Protection 0
Elevator Devices 0
Other 250
DCA Training Fee 3
Cert. of Occupancy 0
Other
Total 643 363
Check No. 5305
Cash
Collected By AJP

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 10/08/98
Date Issued 11/10/98
Control # C8-47
Permit # 98-3924

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

Block 547 Lot 1 Qual
Work Site Location 545 BRICK BLVD SUMMIT BANK
GAS PIPING/WHAC
Owner in Fee SUMMIT BANK
Address SAME
BRICK, NJ 08723-
Tele. (732)321-0521 Fax ()
Contractor RUSSELL HENDRICKSON ELECTRIC
Address 1 SHERWOOD RD
EDISON, NJ
Tele. (732)321-0521
Lic. No. or Bldrs. Reg. No. 2102
Federal Emp. No.

B. ELECTRICAL CHARACTERISTICS

Use Group - Present Proposed U
[] Pole/Pad [] Temporary [X] Other BANK
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 2,500

JOB SUMMARY (Office Use Only)

PLAN REVIEW
No Plans Required
Joint Plan Review Required:
[] Bldg [] Plumb
[] Fire [] Elevator
[] Elect Plans Approved
Date: 10/14/98
Approved By: [Signature]
SUBCODE APPROVAL
[] CO [] CCO [] CA
Date:
Approved By:

D. TECHNICAL SITE DATA

NO.	SIZE	ITEM	FEE (Office Use Only)
1		Lighting fixtures	
1		Receptacles	
0		Switches	
0		Detectors	
0		Light Poles	
0		Motors-Fract HP	
0		Emergency & Exit lights	
0		Communications Points	
0		Alarm Devices/F.A.C. Panel	
2		TOTAL NUMBERS	35
0		Pool Perolt/with UV lights	0
0		Storable Pool/Spa/Hot Tub	0
0		KW Elect Range/Receptacle	0
0		KW Oven/Surface Unit	0
0		KW Elect Water Heater	0
0		KW Elect Dryer/Receptacle	0
0		KW Dishwasher	0
0		HP Garbage Disposal	0
0		KW Central A/C Unit	160
0		HP/KW Space Heater/Air Handler	0
0		Baseboard Heat	0
0		HP Motors 1/2 HP	0
0		KW Transformer/Generator	0
0		AMP Service	0
0		AMP Subpanels	0
0		AMP Motor Control Center	0
0		KW Elect Sign/Outline light	0
0		Other	0
0		Final	0
0		Temp. Cut-in-Card Date Issued	
0		Final Cut-in-Card Date Issued	

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's Signature/Contractor's Seal and Signature
[] Licensed Electrical Contractor [] Exempt Applicant

Paid [] Check \$
Collected by: \$
Administrative Surcharge \$
Minimum Fee \$
TOTAL FEE \$ 195
DCA Training fee \$ 2

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 10/08/98
Date Issued 11/10/98
Control # CB-47
Permit # 94-3924

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

Block 547 Lot 1 Qual
Work Site Location 545 BRICK BLVD SUMMIT BANK
GAS PIPING/HVAC
Owner in Fee SUMMIT BANK
Address SAME
BRICK, NJ 08723-
Tele. (732) 321-0521 Fax ()
Contractor RUSSELL HENDRICKSON ELECTRIC
Address 1 SHEPHERD RD
EDISON, NJ
Tele. (732) 321-0521
Lic. No. or Bldrs. Reg. No. 9102
Federal Emp. No.

D. TECHNICAL SITE DATA
NO. SIZE ITEM

FEE (Office Use Only)

1	Lighting fixtures	
1	Receptacles	
0	Switches	
0	Detectors	
0	Light Poles	
0	Motors-Fract HP	
0	Emergency & Exit lights	
0	Communications Points	
0	Alarm Devices/F.A.C. Panel	
2	TOTAL NUMBERS	35
0	Pool Permit/with UV lights	
0	Storable Pool/Spa/Hot Tub	
0	KW Elect Range/Receptacle	
0	KW Oven/Surface Unit	
0	KW Elect Water Heater	
0	KW Elect Dryer/Receptacle	
0	KW Dishwasher	
0	HP Garbage Disposal	
4	KW Central A/C Unit	160
0	HP/KW Space Heater/Air Handler	
0	Baseboard Heat	
0	HP Motors 1/4 HP	
0	KW Transformer/Generator	
0	AMP Service	
0	AMP Subpanels	
0	AMP Motor Control Center	
0	KW Elect Sign/Outline Light	
0	Other	
0	Other	

B. ELECTRICAL CHARACTERISTICS

Use Group - Present Proposed U
[] Pole/Pad [] Temporary [X] Other BANK
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 2,500

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☒ No Plans Required

Joint Plan Review Required:

[] Bldg [] Plumb

[] Fire [] Elevator

[] Elect Plans Approved

Date: 10/14/98

Approved By: [Signature]

SUBCODE APPROVAL

[] CO [] CCO [] CA

Date:

Approved By:

INSPECTIONS

Type Dates (Month/Day) Failure Failure Approval Initial

Rough

Temp Serv

Const Serv

TCO

Other

Service

Final

Temp. Cut-in-Card Date Issued

Final Cut-in-Card Date Issued

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's Signature/Contractor's Seal and Signature

[] Licensed Electrical Contractor [] Exempt Applicant

Administrative Surcharge \$ 0

Minimum Fee \$ 0

Collected by: TOTAL FEE \$ 125

OCA Training fee \$ 2

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 10/08/98
Date Issued 11/10/98
Control # C8-47
Permit # 98-3924

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

D. TECHNICAL SITE DATA (list all fixtures.)

Block 547 lot 1 Quai
Work Site Location 545 BRICK BLVD SUMMIT BANK
Gas Piping/WYAC
Owner in Fee SUMMIT BANK
Address SAME
BRICK, NJ 08723-
Tele. (973) 857-1535 Fax ()
Contractor METRIC PLUMBING
Address 32 BOWDEN RD
CEDAR GROVE, NJ
Tele. (973) 857-1535
Lic. No. or Bids. Reg. No.
Federal Emp. No. 22-2024980

NO.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
0	Water Closet	0
0	Urinal / Bidet	0
0	Bath Tub	0
0	Lavatory	0
0	Shower	0
0	Floor Drain	0
0	Sink	0
0	Dishwasher	0
0	Drinking Fountain	0
0	Washing Machine	0
0	Hose Bib	0
0	Water Heater	0
0	Fuel Oil Piping	0
0	Gas Piping	25
0	Steam Boiler	0
0	Hot Water Boiler	0
0	Sewer Pump	0
0	Interceptor / Separator	0
0	Backflow Preventer	0
0	Greasetrap	0
0	Sewer Connection	0
0	Water Service Connection	0
0	Stacks	0
0	Other 4 A/C	140
0	Other	0

8. PLUMBING CHARACTERISTICS
Use Group Present Proposed U
Building Sewer Size [] Public Sewer [] Private Septic
Water Sewer Size [] Public Water [] Private Well
Estimated Cost of Plumbing Work \$ 1,500

JOB SUMMARY (Office Use Only)
PLAN REVIEW
[] No Plans Required
Joint Plan Review Required:
[] Bldg [] Elect
[] Fire [] Elevator
[] Plumb. Plans Approved
Date: 11-4-98
Approved By: [Signature]
SUBCODE APPROVAL
[] CO [] CCO [] CA
Approved By: [Signature]
Date: [Signature]
INSPECTIONS
Type Failure Failure Approval Initial
Slab
Rough
Water
Sewer
Fixtures
Gas Equip.
Gas Piping
Solar
TCO

Paid [] Check #
Collected by: Administrative Surcharge \$ 0
Minimum Fee \$ 0
TOTAL FEE \$ 165
OCA Training Fee \$ 1

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.

Signature/Contractor Seal
[] Licensed Plumbing Contractor [] Exempt Applicant

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 10/08/98
Date Issued 11/10/98
Control # CB-47
Permit # 98-3924

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

D. TECHNICAL SITE DATA (List all fixtures.)

Block 547 Lot 1 Quai
Work Site Location 545 BRICK BLVD SUMMIT BANK
GAS PIPING/HVAC
Owner in Fee SUMMIT BANK
Address SAME
BRICK, NJ 08723-
Tele (973)857-1535 Fax ()
Contractor HEIRIC PLUMBING
Address 32 BONDEN RD
CEDAR GROVE, NJ
Tele (973)857-1535
Lic. No. or Bldgs. Reg. No.
Federal Emp. No. 22-2024280

B. PLUMBING CHARACTERISTICS

Use Group Present Proposed
Building Sewer Size [] Public Sewer [] Private Septic
Water Sewer Size [] Public Water [] Private Well
Estimated Cost of Plumbing Work \$ 1,500

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required
Joint Plan Review Required:

[] Bldg [] Elect

[] Fire [] Elevator

[] Plumb. Plans Approved

Date: 11-4-98

Approved By: [Signature]

SUBCODE APPROVAL

[] CO [] CCO [] CA

Approved By: TCO

Date: TCO

INSPECTIONS

Type Failure Failure Approval Initial

Slab

Rough

Water

Sewer

Fixtures

Gas Equip.

Gas Piping

Solar

TCO

NO.

FIXTURE/EQUIPMENT

FEE (Office Use Only)

Water Closet

0

Urinal / Bidet

0

Bath Tub

0

Lavatory

0

Shower

0

Floor Drain

0

Sink

0

Dishwasher

0

Drinking Fountain

0

Washing Machine

0

Hose Bib

0

Water Heater

0

Fuel Oil Piping

0

Gas Piping

25

Steam Boiler

0

Hot Water Boiler

0

Sewer Pump

0

Interceptor / Separator

0

Backflow Preventer

0

Greasetrap

0

Sewer Connection

0

Water Service Connection

0

Stacks

0

Other 4 B/C

140

Other

0

Administrative Surcharge \$ 0

Minimum Fee \$ 0

TOTAL FEE \$ 165

Collected by: DCA Training Fee \$ 1

Paid [] Check #

Collected by:

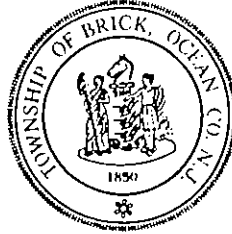
C. CERTIFICATION IN LIEU OF OATH
I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Signature/Contractor Seal

[] Licensed Plumbing Contractor [] Exempt Applicant

TOWNSHIP OF BRICK

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



Joseph C. Scarpelli, Mayor

Township Council:

Victor Cantillo – President
Martin J. Anton
Helen Fayad
Gregory S. Kavanagh
Mary Lou Powner
Kathy M. Russell
Frederick J. Underwood, Sr.

Department of Administration & Finance

Office of Land Use Management

Michael P. Fowler, AICP/PP

Municipal Planner

(732) 262-1042

Fax: (732) 262-8954

<http://www.gbshost.com/brick>

FAX CORRESPONDENCE

(908) 262-8954

DATE: 10-6-98

To Fax Number: 241-9444 Pages to Follow: 2

Attention: Peter Breedlau

From: Allison Bldg dept

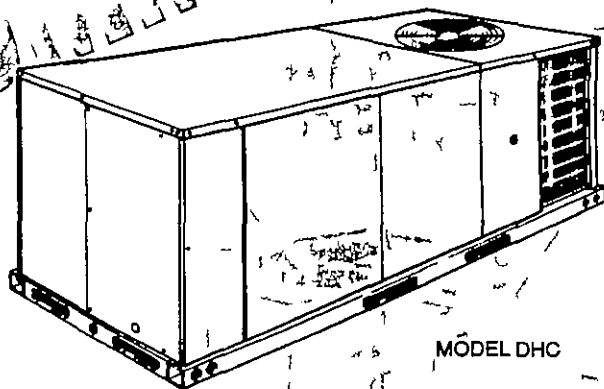
Message: per today's phone call
re: 545 BRICK blvd note: Plg and
electrical.

LUXAIRE

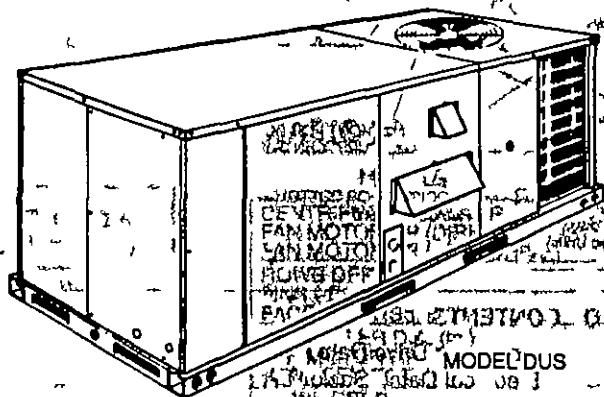
530.22 TG1L(198)

SINGLE PACKAGE AIR-COOLED CONVERTIBLE SERIES AIR CONDITIONERS

DAHC / DBUS 036 048 & 060
3 4 AND 5 NOMINAL TONS
(11 SEER)



MODEL DHC



MODEL DUS

DESCRIPTION

The DHC and DUS units are high efficiency convertible single package air conditioners with a common cabinet and a common roof curb for the 3 4 and 5 ton sizes. The units were designed for light commercial and commercial applications. They can easily be installed on a roof, curb, slab, roof jack or frame.

All units are self-contained and assembled on rigid full perimeter base rails with fork lift slots on three sides and holes for overhead rigging. Every unit is completely piped, wired, charged and tested at the factory to provide for a quick and easy field installation.

The units are available in cooling only and cooling with gas heat. Electric heaters are available as field-installed accessories.

Both bottom and side duct connections are available without having to swap panels. The installer simply removes the duct covers for the desired configuration. Economizers may be used on either bottom and side duct applications with no modifications required.

All models include a 5-year limited warranty on compressors and electric heating elements, a 10 year limited warranty on gas fired heat exchangers and a 1 year limited warranty on all replacement parts.

FEATURES

COMMON FOOTPRINT/COMMON CABINET All model sizes and configurations share a common cabinet and a common roof curb. The installer has the flexibility of setting one curb and placing the proper tonnage unit on that curb after the internal load has been determined. He can even decide between gas or electric heat after the curb has been set.

HIGH EFFICIENCY All units have a high cooling efficiency and gas/electric models have a minimum AFUE of 79%. All efficiencies exceed legislated minimum levels and provide low operating costs.

CONVERTIBLE AIRFLOW DESIGN Both the side and bottom duct openings are covered when they leave the factory. If a side supply / side return is desired, you simply remove the two side duct covers from the outside of the unit and discard them. If a bottom supply / bottom return is desired, you simply remove the two knockout panels from the base of the unit and discard them. No panel cutting or swapping is required. Convertible airflow design allows maximum field flexibility and minimum inventory.

FACTORY-INSTALLED OPTION Adjustable belt drive blowers are available on all models from the factory for complete airflow flexibility.

FIELD-INSTALLED ACCESSORIES Accessories were designed for quick and easy installation. The motorized damper and economizers simply slide in and electrical connections are made by modular plugs. Electric heaters mount easily and knockouts are provided in the internal partitions to connect the elements to the control box single point kit.

RATINGS

CAPACITY RATINGS Cooling / Electric Heating

MODEL	ARI RATINGS ¹				NOMINAL ELECTRIC HEAT CAPACITY ³		
	COOLING CAPACITY ⁴ 80 / 67 95 F			SOUND RATING ² (dbs)	(KW)		
	MBH	SEER	EER		240V	480V	600V
DHC036	40	11.5	10.5	8.6	5.7 10 15 & 20	7.10 15 & 20	10 15 & 20
DHC048	49	11.0	9.95	8.6	5.7 10 15 & 20	7.10 15 & 20	10 15 & 20
DHC060	59	11.0	9.95	8.6	5.7 10 15.20 & 30	7.10 15 20 & 30	10 15 20 & 30

CAPACITY RATINGS Cooling / Gas Heating

MODEL	ARI RATINGS ¹				SOUND RATING ² (dbs)	GAS HEAT CAPACITY ³				
	COOLING CAPACITY ⁴ 80 / 67 95 F			INPUT (MBH)		OUTPUT (MBH)	AFUE ⁵ (%)	S.S.E. (%)	TEMP RISE (F)	GAS LINE SIZE (in OD)
	MBH	SEER	EER							
DUS036N050	40	11.5	10.5	8.6	50	40	80.9	81.6	15-45	1/2
DUS036N100	40	11.5	10.5	8.6	100	79	80.5	80.8	40-70	1/2
DUS048N075	49	11.0	9.95	8.6	75	59	80.9	81.6	25-55	1/2
DUS048N125	49	11.0	9.95	8.6	125	99	80.3	80.6	45-75	1/2
DUS060N100	59	11.0	9.95	8.6	100	79	80.5	80.8	25-55	1/2
DUS060N125	59	11.0	9.95	8.6	125	99	80.3	80.6	35-65	1/2

¹ Ratings are in accordance with ARI Standard 210. ² Sound ratings are in accordance with ARI Standard 270. ³ Heaters are available as accessories all with single point power supply. ⁴ SEER Seasonal Energy Efficiency Ratio the total cooling output in BTU's during a normal annual usage period for cooling divided by the total electric power input in watt-hours during the same period. ⁵ EER Energy Efficiency Ratio the cooling capacity in Btu/hr divided by the power input in watts at any given set of rating conditions, expressed in BTU/h/watt (BTU/h/watt). AFUE Annual Fuel Utilization Efficiency determined in accordance with DOE test procedure. S.S.E. Steady State Efficiency (Percent Output).

Not ARI required.

SOUND POWER RATINGS

Unit Size	CFM	ESP	Blower		Sound Power (dB 10 ⁻¹² Watts)									
					Octave Band Centerline Frequency (Hz)								SWL dB(A)	dB(A) @ 10 ft*
					IWG	Speed	KW	63	125	250	500	1000		
036	1200	0.60	LOW	0.60	84	84	74	67	69	62	57	52	74	41
048	1600	0.55	HIGH	0.80	85	85	75	68	70	63	58	53	75	42
060	2000	0.45	HIGH	1.00	86	86	76	69	71	64	59	54	76	43

At distance of 10 ft from the blower

NOTE These values have been assessed using a model of sound propagation from a point source into the hemispherical free field. The dBA values provided are to be used for reference only. Calculation of dBA values cover matters of system design and the fan manufacturer has no way of knowing the details of each system. This constitutes an exception to any specification or guarantee requiring a dBA value or sound data in any other form than sound power level ratings.

PHYSICAL DATA - BASIC UNITS

MODELS		DHC/DUS		
		036	048	060
EVAPORATOR BLOWER	CENTRIFUGAL BLOWER (Dia. x Wd. in.) FAN MOTOR HP (DIRECT-DRIVE) FAN MOTOR HP (BELT DRIVE)	12 x 10 1/2 1.5	212 x 10 3/4 1.5	112 x 10 1 1.5
EVAPORATOR COIL	ROWS DEEP FINS PER INCH FACE AREA (Sq. Ft.)	3 13 3.6	3 13 4.3	3 13 5.1
CONDENSER FAN	PROPELLER DIA. (in.) FAN MOTOR HP NOM. CFM TOTAL	22 1/2 4.500	22 1/2 4.200	22 1/2 4.500
CONDENSER COIL	ROWS DEEP FINS PER INCH FACE AREA (Sq. Ft.)	2 18 17.1	2 18 17.1	2 18 17.1
AIR FILTERS (SEE NOTE)	QUANTITY PER UNIT (15 X 20" X 1) QUANTITY PER UNIT (14 X 25 X 1) TOTAL FACE AREA (sq. ft.)	2 1 6.6	2 1 6.6	2 1 6.6
SYSTEM CHARGE	REFRIGERANT 22 (lbs./oz.)	8/8	9/8	9/8
COMPRESSOR	QUANTITY PER UNIT (HERMETIC TYPE)	1/RECPT	1/SCROLL	1/SCROLL

NOTE: Filter racks are adapted for 1" or 2" thick filters.

COOLING CAPACITIES - 5 TON(DHC/DUS060) AT 85°F

Air On Evaporator Coil		Temperature of Air on Condenser Coil																			
		85°F 47.2°C																			
CFM	WB °F	Total Cap ¹ MBH	Power Input ² KW	Sensible Capacity ¹ MBH								Total Cap MBH	Power Input KW	Sensible Capacity ¹ MBH							
				Entering Dry Bulb, °F										Entering Dry Bulb, °F							
				88	83	80	77	74	71	68			88	83	80	77	74	71	68		
2500	72	75	4.6	53	46	38	31	23			73	5.0	53	46	38	31	23				
	67	67	4.5	64	56	49	41	34	26	19	65	4.9	64	56	49	41	34	26	19		
	62	62	4.5	62	62	62	54	47	39	32	60	4.9	60	60	60	53	46	38	31		
	57	56	4.4	56	56	56	48	41	33	26	55	4.8	55	55	55	47	40	32	25		
2250	72	74	4.6	51	44	37	31	24			72	5.0	50	43	37	30	23				
	67	67	4.5	62	55	48	42	35	28	21	64	5.0	61	54	47	41	34	27	20		
	62	61	4.5	61	61	61	54	47	40	34	59	4.9	59	59	59	52	45	38	32		
	57	55	4.4	55	55	55	48	41	35	28	53	4.8	53	53	53	46	39	33	26		
	72	73	4.5	49	43	37	31	25			70	5.0	47	41	35	29	23				
	66	66	4.5	60	54	48	42	36	30	24	63	4.9	58	52	46	40	34	28	22		
	62	60	4.4	60	60	60	54	48	42	36	58	4.9	58	58	57	51	45	39	33		
	57	55	4.4	55	55	54	48	42	36	30	52	4.8	52	52	61	45	39	33	27		
1750	72	72	4.5	45	40	34	29	24			68	5.0	43	38	33	27	22				
	67	65	4.5	55	50	44	39	34	29	23	61	4.9	53	47	42	37	32	26	21		
	62	60	4.4	60	59	56	50	45	40	35	56	4.9	56	56	53	48	42	37	32		
	57	54	4.4	54	53	50	45	40	34	29	50	4.8	50	50	48	42	37	32	27		
1500	72	71	4.5	41	37	32	27	23			66	5.0	40	35	30	26	21				
	67	63	4.5	50	46	41	36	32	27	22	58	4.9	48	43	39	34	29	25	20		
	62	59	4.4	59	57	52	47	43	38	34	54	4.9	54	54	49	44	40	35	31		
	57	53	4.4	53	52	47	42	38	33	28	49	4.8	49	49	44	40	35	30	26		

Air On Evaporator Coil		Temperature of Air on Condenser Coil																	
		105°F										115°F							
		Total Cap MBH	Power Input KW	Sensible Capacity ¹ , MBH								Total Cap MBH	Power Input KW	Sensible Capacity ¹ , MBH					
				Entering Dry Bulb, F										Entering Dry Bulb, F					
CFM	WB °F			86	83	80	77	74	71	68			86	83	80	77	74	71	68
2500	72	66	5.5	51	44	36	29	21			60	6.0	49	41	34	26	19		
	67	59	5.5	58	54	46	39	31	24	16	53	6.0	53	51	43	36	28	21	13
	62	55	5.4	55	55	55	47	40	32	25	49	5.9	49	49	49	42	34	27	19
	57	49	5.4	49	49	49	42	35	27	20	44	5.9	44	44	44	37	29	22	15
2250	72	65	5.5	48	42	35	28	21			58	6.0	46	40	33	26	20		
	67	58	5.5	57	52	45	38	31	25	18	52	6.0	52	49	43	36	29	22	16
	62	54	5.4	54	54	54	48	41	34	28	48	5.9	48	48	48	44	37	30	24
	57	48	5.4	48	48	48	42	36	29	22	44	5.9	44	44	44	39	32	25	19
2000	72	63	5.5	45	39	33	28	22			57	6.0	44	38	32	26	20		
	67	58	5.5	55	50	44	38	32	26	20	52	6.0	52	48	42	36	30	24	18
	62	52	5.4	52	52	52	48	42	36	30	47	5.9	47	47	47	48	40	34	28
	57	47	5.4	47	47	47	43	37	31	25	43	5.9	43	43	43	41	35	29	23
1750	72	62	5.5	42	36	31	26	21			55	6.1	40	35	30	24	19		
	67	55	5.5	50	45	40	35	30	24	19	50	6.0	48	43	38	33	28	22	17
	62	51	5.4	51	51	50	45	40	35	29	46	6.0	46	46	46	43	37	32	27
	57	46	5.4	46	46	45	40	35	30	24	41	5.9	41	41	41	38	33	27	22
1500	72	60	5.5	38	33	29	24	19			53	6.1	36	32	27	23	18		
	67	53	5.5	46	41	37	32	27	23	18	47	6.1	44	39	35	30	25	21	16
	62	49	5.4	49	49	47	42	37	33	28	44	6.0	44	44	44	39	35	30	25
	57	44	5.4	44	44	42	37	33	28	23	40	6.0	40	40	40	35	30	26	21

¹ These capacities are gross ratings. For net capacity, determine the KW of the supply air blower motor from the Blower Performance Table, multiply this value by 3.416 MBH / KW to determine the motor heat, and deduct this heat from the gross capacity of the unit.

² These ratings include the compressor and the condenser fan motors but not the supply air blower motor. The total condenser fan motor power input is 0.36 KW. (Refer to the Blower Performance Table for the KW of the supply air blower motor.)

NOMINAL RATING J.I.A. 3-1991

ALL SENSIBLE CAPACITY

STATIC RESISTANCES

DESCRIPTION	EXTERNAL STATIC PRESSURE DROP										
	RESISTANCE, IWG										
	CFM										
	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000
Economizer/Motorized Damper ¹	0.07	0.08	0.09	0.11	0.13	0.15	0.17	0.20	0.23	0.26	0.30
Electric Heaters ¹	5 15 KW	0.04	0.05	0.06	0.07	0.08	0.10	0.12	0.14	0.16	0.22
	20 30 KW	0.06	0.07	0.08	0.09	0.11	0.13	0.15	0.17	0.20	0.26
Bottom Duct Connections ¹	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.14	0.16	0.19	0.22
Cooling Only ²	0.08	0.10	0.12	0.14	0.16	0.18	0.20	0.23	0.26	0.29	0.32

¹Deduct these resistance values from the available external static pressure shown in the respective Blower Performance Table.

²Add these resistance values to the available static resistance in the respective Blower Performance Table.

³The pressure thru the economizer is greater for 100% outdoor air than for 100% return air. If the resistance of the return air duct system is less than 0.25 IWG, the unit will deliver less CFM during full economizer operation.

MOTOR AND DRIVE DATA Belt Drive Blower

MODEL	BLOWER RANGE (RPM)	MOTOR*				ADJUSTABLE MOTOR PULLEY		FIXED BLOWER PULLEY		BELT	
		HP	RPM	FRAME SIZE	SERVICE FACTOR	PITCH DIA. (in.)	BORE (in.)	PITCH DIA. (in.)	BORE (in.)	PITCH LENGTH (in.)	DESIG NATION
DHC/DUS036	780 1120	1 1/2	1725	56	1.15	2.4 3.4	7/8	5.7	1.875	37.3	A36
DHC/DUS048	790 1120	1 1/2	1725	56	1.15	2.4 3.4	7/8	5.7	1.875	37.3	A36
DHC/DUS060	850 1220	1 1/2	1725	56	1.15	2.4 3.4	7/8	5.2	1.875	37.3	A36

All motors have solid bases and are inherently protected. These motors can be selected to operate into their service factor because they are located in the moving air, upstream of any heating device.

ELECTRICAL DATA Basic Units with Direct Drive

MODEL DHC/DUS	POWER SUPPLY	VOLTAGE LIMITATIONS (SEE NOTE 1)		COMPRESSOR		COND FAN MOTOR FLA	SUPPLY AIR BLOWER MOTOR FLA	MINIMUM CIRCUIT AMPACITY	MAX. FUSE SIZE (SEE NOTE 2) AMPS	MAX. HACR BREAKER SIZE AMPS
		MIN.	MAX.	RLA	LRA					
036	208/230-1-60	187	253	19.2	87	2.3	4.4	30.7	45	45
	208/230-3-60	187	253	14.1	110	2.3	4.4	24.3	35	35
	460-3-60	414	504	7.1	54	1.4	2.2	12.4	15	15
	575-3-60	518	630	5.8	44	1.4	2.2	10.9	15	15
048	208/230-1-60	187	253	26.4	129	2.3	5.0	40.3	60	60
	208/230-3-60	187	253	15.0	120	2.3	5.0	26.1	40	40
	460-3-60	414	504	8.2	49.5	1.4	2.2	13.9	20	20
	575-3-60	518	630	6.4	40	1.4	2.2	11.6	15	15
060	208/230-1-60	187	253	32.1	169	2.3	6.6	49.0	80	80
	208/230-3-60	187	253	19.3	123	2.3	6.6	33.0	50	50
	460-3-60	414	504	10.0	62	1.4	3.3	17.2	25	25
	575-3-60	518	630	7.9	50	1.4	3.3	14.6	20	20

NOTES: 1 Utilization Range A in accordance with ARI Standard 110. 2 Dual element, time delay type DHC models only.

ELECTRICAL DATA Basic Units with Belt Drive

MODEL DHC/DUS	POWER SUPPLY	VOLTAGE LIMITATIONS (SEE NOTE 1)		COMPRESSOR		COND FAN MOTOR FLA	SUPPLY AIR BLOWER MOTOR FLA	MINIMUM CIRCUIT AMPACITY	MAX. FUSE SIZE (SEE NOTE 2) AMPS	MAX. HACR BREAKER SIZE AMPS
		MIN.	MAX.	RLA	LRA					
036	208/230-1-60	187	253	19.2	87	2.3	5.3	34.9	50	50
	208/230-3-60	187	253	14.1	110	2.3	5.3	25.2	35	35
	460-3-60	414	504	7.1	54	1.4	3.1	13.3	20	20
	575-3-60	518	630	5.8	44	1.4	3.1	11.7	15	15
048	208/230-1-60	187	253	26.4	129	2.3	5.8	43.9	70	70
	208/230-3-60	187	253	15.0	120	2.3	5.8	26.3	40	40
	460-3-60	414	504	8.2	49.5	1.4	2.6	14.3	20	20
	575-3-60	518	630	6.4	40	1.4	2.6	11.4	15	15
060	208/230-1-60	187	253	32.1	169	2.3	6.6	51.0	80	80
	208/230-3-60	187	253	19.3	123	2.3	6.6	32.4	50	50
	460-3-60	414	504	10.0	62	1.4	3.0	16.9	25	25
	575-3-60	518	630	7.9	50	1.4	2.4	13.7	20	20

NOTES: 1 Utilization Range A in accordance with ARI Standard 110. 2 Dual element, time delay type DHC models only.

Unitary Products Group

ELECTRICAL DATA Cooling / Electric Heating (DHC060) with Direct Drive

MODEL DHC	POWER SUPPLY	HEATER ACCESSORY MODEL NUMBER	SUPPLY AIR BLOWER MOTOR FLA	ELECTRIC HEATERS			MINIMUM CIRCUIT CAPACITY AMPS	MAX. FUSE SIZE AMPS	MAX. SIZE HACR ² BREAKER AMPS
				KW	STAGES	TOTAL AMPS			
060	208-1-60	2CE04500508	6.6	4.0	1	19.1	49.0	80	80
		2CE04500708		5.6	1	27.1	49.0	80	80
		2CE04501006		8.0	1	38.3	56.1	80	80
		2CE04501506		11.9	2	57.4	80.0	90	90
		2CE04502008		15.9	2	76.6	103.9	110	110
		2CE04503008		22.2	2	106.9	141.9	150	150
	230-1-60	2CE04500508	6.6	5.3	1	22.1	49.0	80	80
		2CE04500708		7.5	1	31.3	49.0	80	80
		2CE04501006		10.6	1	44.2	63.5	80	80
		2CE04501506		15.9	2	66.3	91.1	100	100
		2CE04502008		21.2	2	88.3	118.7	125	125
		2CE04503008		29.6	2	123.3	162.4	175	175
	208-3-60	2CE04500525	6.6	4.0	1	11.0	33.0	50	50
		2CE04500725		5.6	1	15.8	33.0	50	50
		2CE04501025		8.0	1	22.1	35.9	50	50
		2CE04501525		11.9	2	33.1	49.7	50	50
		2CE04502025		15.9	2	44.2	63.5	70	70
		2CE04503025		22.2	2	61.7	85.4	80	80
	230-3-60	2CE04500525	6.6	5.3	1	12.7	33.0	50	50
		2CE04500725		7.5	1	18.0	33.0	50	50
		2CE04501025		10.6	1	25.5	40.1	50	50
		2CE04501525		15.9	2	38.2	56.1	60	60
		2CE04502025		21.2	2	51.0	72.0	80	80
		2CE04503025		29.6	2	71.2	97.3	100	100
	460-3-60	2CE04500746	3.3	6.8	1	8.2	17.2	25	25
		2CE04501046		10.1	1	12.1	19.3	25	25
		2CE04501546		13.6	1	16.4	24.6	25	25
		2CE04502046		19.5	2	23.5	33.4	35	35
		2CE04503046		28.8	2	34.6	47.4	50	50
	575-3-60	2CE04501058	3.3	10.6	1	10.2	16.9	25	25
		2CE04501558		15.9	1	15.3	23.2	25	25
		2CE04502058		21.2	2	20.4	29.6	30	30
		2CE04503058		30.4	2	29.3	40.7	45	45

1 Dual element, time delay type.

2 Standard circuit breakers may be used in Canada and on applications over 60 amps where the heaters are separately fused.

These electric heaters DO NOT include a fuse box. If a fuse box is required to meet a local code (eg., Chicago) the following fuse block accessories are available for field installation.

Electric Heat Correction Factors	Nominal Voltage		Voltage	KW Cap Multiplier
	208	240		
	1.00	0.92	208	1.00
		0.92	230	0.92
		0.92	460	0.92
		0.92	575	0.92
Fuse Block				
	2FB04700425	2FB04700548	208/240 Volts	
			460 Volts	

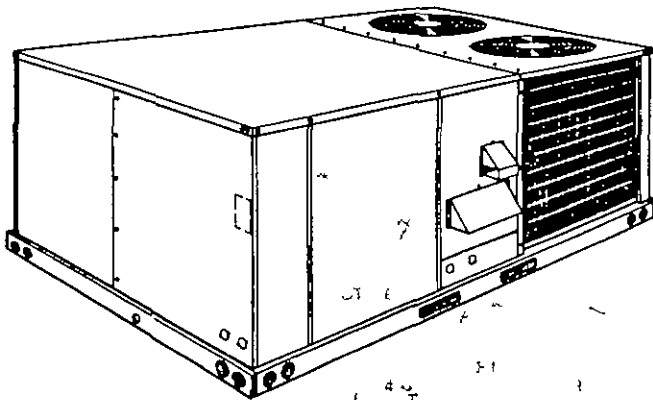
LUXAIRE

SINGLE PACKAGE GAS / ELECTRIC AIR CONDITIONERS

DAUS/DAHC090 120 & DBUS/DBHC150
7 1/2 10 AND 12 1/2 NOMINAL TONS

95 100 EER

COMMERCIAL



DESCRIPTION

These units are convertible single packages with a common footprint cabinet and common roof curb for all models. All units have dual compressors and dual independent refrigeration circuits. They provide high efficiency cooling and can be supplied with either gas heat or electric heat. The units were designed for light commercial applications and can easily be installed on a roof curb, slab, roof jack or frame.

All units are self contained and assembled on rigid full perimeter base rails allowing for 3-way fork lift access and overhead rigging. Every unit is completely charged, wired, piped and tested at the factory to provide for a quick and easy field installation.

Both down and side discharge airflows are available without having to swap panels. The installer simply removes the duct covers for the desired configuration. Economizers may be used on either side or down discharge applications with no modifications required.

All units have long lasting powder paint cabinets with 750 hour salt spray test approval under ASTM B117 procedures.

All models include a 1 year limited warranty on the complete unit. Compressors and electric heating elements carry an additional 4-year warranty. Aluminized steel tubular heat exchangers carry an additional 9 year warranty.

FEATURES

COMMON FOOTPRINT / COMMON CABINET

All model sizes share the exact same footprint cabinet and therefore the same roof curb. You now have the flexibility of setting one curb and after the internal load has been determined placing the proper tonnage unit on that curb.

HIGH EFFICIENCY All units have a minimum EER of 95. Gas/electric models have electronic spark ignition and power vented combustion with a minimum Steady State Efficiencies of 80%. These efficiencies exceed all legislated minimum levels and provide low operating costs.

CONVERTIBLE AIRFLOW DESIGN Both the side and bottom duct openings are covered when they leave the factory. If a side supply / side return is desired, you simply remove the two side duct covers from the outside of the unit and discard them. If a bottom supply / return is desired, you simply remove the two bottom duct covers and discard them. No panel cutting or swapping is required. Convertible airflow design allows maximum field flexibility and minimum inventory.

FACTORY INSTALLED OPTIONS Phenolic Coated Condenser Coil. Special coating process that utilizes Technicoat 101 processes Coating.

RATINGS

CAPACITY RATINGS Cooling / Electric Heating

MODEL	ARI RATINGS			SOUND RATING ³ (bels)	NOMINAL ELECTRIC HEAT CAPACITY ⁴ (KW)
	COOLING CAPACITY 80 / 67 95 F				
	MBH	EER	IPLV		
DAHC090 ¹	92	10.0	10.50	9.0	9 18 24 36
DAHC120 ¹	121	10.0	10.60	9.0	18 24 36 54
DBHC150 ²	144	9.3	9.20		18 24 36 54

CAPACITY RATINGS Cooling / Gas Heating

MODEL	ARI RATINGS				GAS HEAT CAPACITY					
	COOLING CAPACITY 80 / 67 95 F			SOUND RATING ³ (bels)	INPUT (MBH)	OUTPUT (MBH)	SSE (%)	SE ¹ (%)	TEMP RISE (F)	GAS LINE SIZE (In OD)
	MBH	EER	IPLV							
DAUS090N130 ¹	92	10.0	10.50	8.8	163	130	80.0	72.9	30 60	3/4
DAUS090N165 ¹	92	10.0	10.50	8.8	204	163	80.0	74.9	30 60	3/4
DAUS120N165 ¹	121	10.0	10.60	8.8	204	163	80.0	73.5	30 60	3/4
DAUS120N200 ¹	121	10.0	10.60	8.8	245	198	81.0	76.4	30 60	3/4
DBUS150N165 ²	144	9.3	9.20		204	163	80.0	72.0	30 60	3/4
DBUS150N200 ²	144	9.3	9.20		245	198	80.6	73.6	30 60	3/4

NOTE: All units are two-stage gas heating. First stage is 70% of total.

¹Rated in accordance with ARI Standard 210.²Rated in accordance with ARI Standard 360.³Sound ratings are in accordance with ARI Standard 270.

EER: Energy Efficiency Ratio: the cooling capacity (BTU per hour (BTUH)) divided by the power input in watts at any given set of rating conditions, expressed in BTUH/watt (BTUH/watt).

AFUE: Annual Fuel Utilization Efficiency: determined in accordance with DOE test procedure.

SSE: Steady State Efficiency (Percent Output).

SE: California Seasonal Efficiency: determined in accordance with test procedures as specified by the State of California Energy Commission.

PHYSICAL DATA
BASIC UNITS

MODELS		DAUS/DAHC		
EVAPORATOR BLOWER	CENTRIFUGAL BLOWER (Dia. x Wd. in.)	090	120	150
	FAN MOTOR HP (STANDARD) ¹	12 x 12	15 x 12	15 x 12
EVAPORATOR COIL	ROWS DEEP	2	3	5
	FINS PER INCH	4	3	4
	FACE AREA (Sq. Ft.)	15	15	15
CONDENSER FANS	PROPELLER DIA. (In.) (Each)	7.8	10.9	13.4
	FAN MOTOR HP (Each)	24	24	24
	NOM. CFM (Each)	1/2	1/2	3/4
CONDENSER COILS	ROWS DEEP	2900	3600	4400
	FINS PER INCH	3	2	3
	FACE AREA (Sq. Ft.) (Total)	13	18	13
AIR FILTERS (SEE NOTE)	QUANTITY PER UNIT (12 x 24 x 2)	16.7	24.0	29.3
	QUANTITY PER UNIT (16 x 24 x 2)	2	2	3
	QUANTITY PER UNIT (18 x 24 x 2)	2	2	2
	TOTAL FACE AREA (sq. ft.)	9.3	11.3	14.0
SYSTEM CHARGE	REFRIGERANT 22 (lbs./oz.)	9/0	8/6	12/8
	SYSTEM NO. 2	9/0	8/4	13/0

NOTE: Filter racks are adapted for 1 or 2 thick filters.

ELECTRICAL DATA (DUS)

MODEL	POWER SUPPLY	COMPRESSOR (#1 and #2) ¹		OUTDOOR FAN MOTOR (#1 & #2) FLA EACH	SUPPLY AIR BLOWER MOTOR FLA			TOTAL UNIT AMPACITY AMPS			MAX. FUSE SIZE ² AMPS	MIN WIRE SIZE ³ AWG		
		RLA EACH	LRA EACH		2HP	3HP	5 HP	2HP	3HP	5 HP		2HP	3HP	5 HP
090	208/230-3-60	14.1	130	2.3	7.5			43.8			50	8		
	460-3-60	7.1	64	1.3	3.4			21.9			25	10		
	575-3-60	5.8	52	1.3	2.7			18.3			20	12		
120	208/230-3-60	19.5	123	2.3		10.6		59.1			70		6	
	460-3-60	10.0	62	1.3		4.8		29.9			35		8	
	575-3-60	7.9	50	1.3		3.9		24.3			30		10	
150	208/230-3-60	20.7	156	3.5			15.1			68.7	80			4
	460-3-60	10.0	70	2.5			7.5			35.0	40/45			8
	575-3-60	8.2	54	2.5			5.9			29.4	35			8

- NOTES 1 Dual numbers shown as "28.2/17.3" amps indicates compressor #1/#2, respectively.
 2 Dual element, time delay type. Amps shown as "40/45" indicates rating for LO HP/HI HP respectively. Maximum HACR breaker of the same AMP size is applicable.
 3 Based on 75°C copper conductors.

VOLTAGE LIMITATIONS*	POWER SUPPLY	VOLTAGE	
		MIN.	MAX.
	208/230-3-60	187	253
	460-3-60	414	606
	575-3-60	518	630

Utilization Range A in accordance with ARI Standard 110

ELECTRICAL DATA (DHC)

MODEL	POWER SUPPLY	COMPRESSOR (#1 and #2)		OUTDOOR FAN MOTOR (#1 & #2) FLA EACH	SUPPLY AIR BLOWER MOTOR FLA			TOTAL UNIT AMPACITY AMPS			MAX. FUSE SIZE ² AMPS	MIN WIRE SIZE ³ AWG		
		RLA EACH	LRA EACH		2HP	3HP	5 HP	2HP	3HP	5 HP		2HP	3HP	5 HP
090	208/230-3-60	14.1	130	2.3	7.5			43.8			50	8		
	460-3-60	7.1	64	1.3	3.4			21.9			25	10		
	575-3-60	5.8	52	1.3	2.7			18.3			20	12		
120	208/230-3-60	19.3	123	2.3		10.6		58.6			70		6	
	460-3-60	10.0	62	1.3		4.8		29.9			35		8	
	575-3-60	7.9	50	1.3		3.9		24.3			30		10	
150	208/230-3-60	20.7	156	3.5			15.1			68.7	80			4
	460-3-60	10.0	70	2.5			7.5			35.0	40/45			8
	575-3-60	8.2	54	2.5			5.9			29.4	35			8

- NOTES 1 Dual numbers shown as "28.2/17.3" amps indicates compressor #1/#2, respectively.
 2 Dual element, time delay type. Amps shown as "40/45" indicates rating for LO HP/HI HP respectively. Maximum HACR breaker of the same AMP size is applicable.
 3 Based on 75°C copper conductors.

VOLTAGE LIMITATIONS	POWER SUPPLY	VOLTAGE	
		MIN.	MAX.
	208/230-3-60	187	253
	460-3-60	414	606
	575-3-60	518	630

Utilization Range A in accordance with ARI Standard 110

ELECTRICAL DATA Cooling / Electric Heating (DHC090)

UNIT SIZE	POWER SUPPLY	SUPPLY AIR BLOWER FLA	ACCESSORY ELECTRIC HEATERS				TOTAL UNIT AMPACITY AMPS	MAXIMUM FUSE SIZE ^{1 2} AMPS	MINIMUM WIRE SIZE 3 AWG
			MODEL NO	KW	STAGES	TOTAL AMPS			
090 7 1/2 TON UNIT with 2 HP BLOWER	208 3-60	7.5	2HE04510925	6.8	1	18.8	43.8	50	8
			2HE04511825	13.5	2	37.5	56.3	60	6
			2HE04512425	18.0	2	50.0	71.9	80	4
			2HE04513625	27.0	2	75.1	103.2	110	2
	230 3-60	7.5	2HE04510925	9.0	1	21.7	43.8	50	8
			2HE04511825	18.0	2	43.3	63.5	70	6
			2HE04512425	24.0	2	57.7	81.5	90	4
			2HE04513625	36.0	2	86.6	117.6	125	1
	460 3-60	3.4	2HE04510946	9.0	1	10.8	21.9	25	10
			2HE04511846	18.0	2	21.7	31.3	35	8
			2HE04512446	24.0	2	28.9	40.3	45	8
			2HE04513646	36.0	2	43.3	58.4	60	6
	575 3-60	2.7	2HE04510958	9.0	1	8.7	18.3	20	12
			2HE04511858	18.0	2	17.3	25.0	30	8
			2HE04512458	24.0	2	23.1	32.2	35	8
			2HE04513658	36.0	2	34.6	46.7	50	8

Dual element, time delay type

²Maximum HACR breaker (the same AMP size) applicable except 575 voltages.

Standard circuit breakers may be used in Canada and on applications

over 60 amps where the heaters are separately fused.

³Based on 75°C copper conductors.

These electric heaters do NOT include fuses. If fuses are required to meet local code (eg. Chicago) an accessory fuse box with fuses (2FBO4700346) is available for field installation.

ELECTRICAL DATA Cont'd Cooling / Electric Heating (DHC120 & 150)

UNIT SIZE	POWER SUPPLY	SUPPLY AIR BLOWER FLA	ACCESSORY ELECTRIC HEATERS				TOTAL UNIT AMPACITY AMPS	MAXIMUM FUSE SIZE ^{1 2} AMPS	MINIMUM WIRE SIZE 3 AWG
			MODEL NO	KW	STAGES	TOTAL AMPS			
120 10 TON UNIT with 3 HP BLOWER	208 3-60	10.6	2HE04511825	13.5	2	37.5	60.2	70	6
			2HE04512425	18.0	2	50.0	75.8	80	4
			2HE04513625	27.0	2	75.1	107.1	110	2
			2HH04515425	40.6	2	112.6	154.0	175	00
	230 3-60	10.6	2HE04511825	18.0	2	43.3	67.4	70	4
			2HE04512425	24.0	2	57.7	85.4	90	3
			2HE04513625	36.0	2	86.6	121.5	125	1
			2HH04515425	54.0	2	129.9	143.2	175	0
	460 3-60	4.8	2HE04511846	18.0	2	21.7	33.1	35	8
			2HE04512446	24.0	2	28.9	42.1	45	8
			2HE04513646	36.0	2	43.3	60.1	70	6
			2HE04515446	54.0	2	65.0	71.0	80	4
	575 3-60	3.9	2HE04511858	18.0	2	17.3	26.5	30	10
			2HE04512458	24.0	2	23.1	33.7	35	8
			2HE04513658	36.0	2	34.6	48.2	50	8
			2HE04515458	54.0	2	52.0	56.8	70	6
150 12 TON UNIT with 5 HP BLOWER	208 3-60	15.1	2HE04511825	13.5	2	37.5	64.2	80	4
			2HE04512425	18.0	2	50.0	75.8	90	4
			2HE04513625	27.0	2	75.1	107.1	125	2
			2HH04515425	40.6	2	112.6	154.0	175	00
	230 3-60	15.1	2HE04511825	18.0	2	43.3	67.4	80	4
			2HE04512425	24.0	2	57.7	85.4	100	3
			2HE04513425	36.0	2	86.6	121.5	150	1
			2HH04515425	54.0	2	129.9	143.2	175	0
	460 3-60	7.5	2HE04511846	18.0	2	21.7	27.4	35	8
			2HE04512446	24.0	2	28.9	42.1	40	8
			2HE04513646	36.0	2	43.3	60.1	70	6
			2HE04515446	54.0	2	65.0	71.0	80	4
	575 3-60	5.9	2HE04511858	18.0	2	17.3	33.1	45	8
			2HE04512458	24.0	2	23.1	33.7	50	8
			2HE04513658	36.0	2	34.6	48.2	60	6
			2HE04515458	54.0	2	52.0	56.8	70	6

Dual element, time delay type

²Maximum HACR breaker (the same AMP size) is applicable except 575 voltages.

Standard circuit breakers may be used in Canada and on applications

over 60 amps where the heaters are separately fused.

³Based on 75°C copper conductors.

These electric heaters do NOT include fuses. If fuses are required to meet a local code (eg. Chicago) an accessory fuse box with fuses (2FBO4700346) is available for field installation.

ELECTRIC HEAT CORRECTION FACTORS	NOMINAL VOLTAGE	VOLTAGE	KW CAP. MULTIPLIER
	208	208	1.00
	240	230	0.92
	480	460	0.92
	600	575	0.92

ACCESSORY STATIC RESISTANCES*

DESCRIPTION	EXTERNAL STATIC PRESSURE DROP				
	RESISTANCE, IWG				
	CFM				
	2250	3000	4000	5000	6000
Economizer/Motorized Damper	0.02	0.02	0.03	0.05	0.07

Deduct these resistance values from the available unit external static pressure shown in the respective Blower Performance Table

COMPONENT WEIGHTS

COMPONENT			MODELS DHC & DUS		
			7 1/2 TON	10 TON	12 1/2 TON
Basic Unit	DHC(Cooling only)		1010	1115	1285
	DUS (Gas / Electric)	130 Mbh	1080		
		165 Mbh	1100	1200	1450
		200 Mbh		1220	1470
Options and Accessories	Economizer		77	77	77
	Motorized Outdoor Air Damper		75	75	75
	Electric Heat (Nominal KW) (DHC only)	9 KW	19		
		18 KW	24	24	24
		24 KW	27	27	27
		36 KW	30	30	30
		54 KW		37	37
	Roof Mounting Curb		155	155	155

NOTE: Weights are given in pounds.

METRIC PLUMBING and HEATING INC

MECHANICAL CONTRACTORS

INDUSTRIAL
COMMERCIAL
RESIDENTIAL(973) 857 1535
FAX (973) 857 964932 BOWDEN ROAD
PO BOX 421
CEDAR GROVE NEW JERSEY 07009-0421FAX TO Bricktown Bid Dept FAX NO _____ATT Bernie Riley RE (732) 262-8954FROM: GARYDATE 10/30/98NUMBER OF PAGES 7 INCLUDING COVER**M E S S A G E**> Attached is the information you
Requested.

> Please call after your review

Thank-you

Note:

we were told that there was
(2) lbs coming to bid, however
we should still be in the
guidelines of (1) lb as per
charts from the Nat Fuel
Gas Code.

If all pages of this transmission are not clearly received please call immediately Thank You

Gary Maffettone
Plumbers License # 6417

NFPA
54
1988

ANSI
Z223.1
1988



NATIONAL FUEL GAS CODE

An American National Standard

Secretariat



American Gas Association
(Administrative)
1515 Wilson Boulevard
Arlington, VA 22209



**National Fire Protection
Association**
Battymarch Park
Quincy, MA 02269

Table C-9

Pipe Sizing Table for 1 Pound Pressure
Capacity of Pipes of Different Diameters and Lengths in
Cubic Feet per Hour for an Initial Pressure of 1.0 Psig With a
10 Percent Pressure Drop and a Gas of 0.6 Specific Gravity

e of 40 Pipe s)	Internal Diameter (Inches)	Total Equivalent Length of Pipe in Feet										
		50	100	150	200	250	300	400	500	1000	1500	2000
1"	1.049	717	493	396	338	300	272	233	206	142	114	97
1 1/4"	1.380	1471	1011	812	695	616	558	478	423	291	234	200
1 1/2"	1.610	2204	1515	1217	1041	923	836	716	634	436	350	300
2"	2.067	4245	2918	2343	2005	1777	1610	1378	1222	840	674	577
	2.469	6766	4651	3735	3196	2833	2567	2197	1947	1338	1075	920
	3.068	11962	8221	6602	5650	5008	4538	3884	3442	2366	1900	1626
	3.548	17514	12037	9666	8273	7332	6644	5686	5039	3464	2781	2381
	4.026	24398	16769	13466	11525	10214	9255	7921	7020	4825	3875	3316
	5.047	44140	30337	24362	20851	18479	16744	14330	12701	8729	7010	6000
	6.065	71473	49123	39447	33762	29923	27112	23204	20566	14135	11351	9715
	7.981	146849	100929	81049	69368	61479	55705	47676	42254	29041	23321	19960
	10.020	266718	183314	147207	125990	111663	101175	86592	76745	52747	42357	36252
	11.938	422248	290209	233048	199459	176777	160172	137087	121498	83505	67057	57392

Table C-10

Pipe Sizing Table for 2 Pounds Pressure
Capacity of Pipes of Different Diameters and Lengths in
Cubic Feet per Hour for an Initial Pressure of 2.0 Psig With a
10 Percent Pressure Drop and a Gas of 0.6 Specific Gravity

Pipe Size of Schedule 40 Standard Pipe (Inches)	Internal Diameter (Inches)	Total Equivalent Length of Pipe in Feet										
		50	100	150	200	250	300	400	500	1000	1500	2000
1.00	1.049	1112	764	614	525	466	422	361	320	220	177	15
1.25	1.380	2283	1569	1260	1079	956	866	741	657	452	363	31
1.50	1.610	3421	2351	1888	1616	1432	1298	1111	984	677	543	46
2.00	2.067	6589	4528	3636	3112	2758	2499	2139	1896	1303	1046	89
2.50	2.469	10501	7217	5796	4961	4396	3983	3409	3022	2077	1668	142
3.00	3.068	18564	12759	10246	8769	7772	7042	6027	5342	3671	2948	252
3.50	3.548	27181	18681	15002	12840	11379	10311	8825	7821	5375	4317	369
4.00	4.026	37865	26025	20899	17887	15853	14364	12293	10895	7488	6013	514
5.00	5.047	68504	47082	37809	32359	28680	25986	22240	19711	13547	10879	931
6.00	6.065	110924	76237	61221	52397	46439	42077	36012	31917	21936	17616	1507
8.00	7.981	227906	156638	125786	107657	95414	86452	73992	65578	45071	36194	3097
10.00	10.020	413937	284497	228461	195533	173297	157020	134389	119106	81861	65737	5626
12.00	11.938	655315	450394	361682	309553	274351	248582	212754	188560	129596	104070	8907

Table C-11

Pipe Sizing Table for 5 Pounds Pressure
Capacity of Pipes of Different Diameters and Lengths in
Cubic Feet per Hour for an Initial Pressure of 5.0 Psig With a
10 Percent Pressure Drop and a Gas of 0.6 Specific Gravity

Pipe Size of Schedule 40 Standard Pipe (Inches)	Internal Diameter (Inches)	Total Equivalent Length of Pipe in Feet										
		50	100	150	200	250	300	400	500	1000	1500	2000
1.00	1.049	1989	1367	1098	940	833	755	646	572	393	316	270
1.25	1.380	4084	2807	2254	1929	1710	1549	1326	1175	808	649	555
1.50	1.610	6120	4206	3378	2891	2562	2321	1987	1761	1210	972	832
2.00	2.067	11786	8101	6505	5567	4934	4471	3827	3391	2331	1872	1602
2.50	2.469	18785	12911	10268	8874	7865	7126	6000	5405	3715	3002	2552



A NERESOURCE Company

via fax

1415 Wyckoff Road
Post Office Box 1464
Wall, NJ 07719

Phone: 1.800.221.0061

October 15, 1998

Mr. Tony Blunt
Quality Service Association
P.O. Box 2457
Westfield, NJ 07090

**Re: Summit Bank
545 Brick Boulevard
Brick, NJ**

To Whom It May Concern:

Please be advised that based on our investigation of the above-referenced property, the gas service did prove to be a high pressure service.

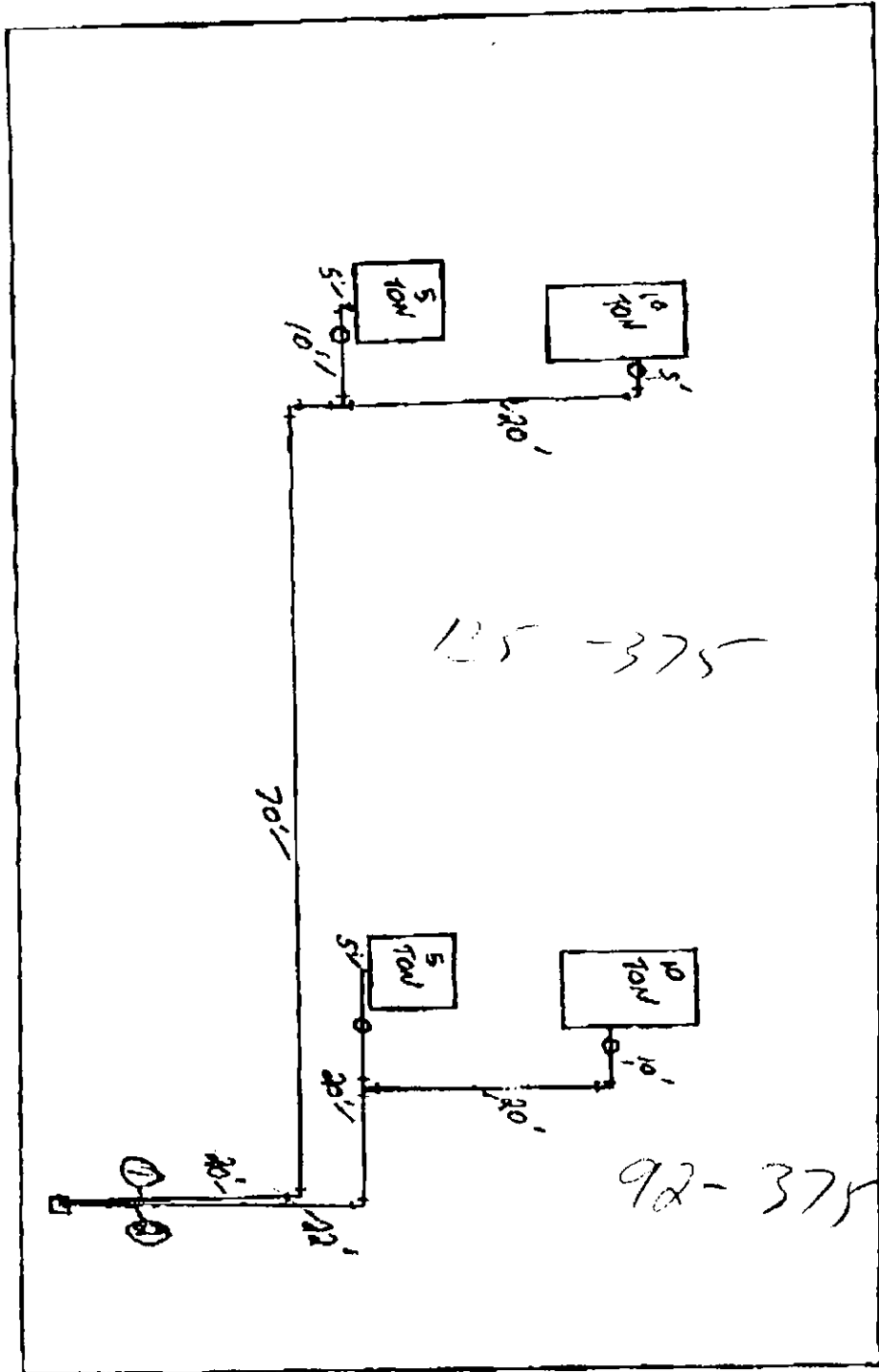
If you need further information, please feel free to contact me at (732) 938-1146.

Sincerely,

A handwritten signature in black ink, appearing to read "Jay D. Adams".

Jay D. Adams
Marketing Consultant

BRICK AVE



1" GAS PIPE 142
 4x4 w/ 1" UCCANMS
 EVERY 5' OF PIPE
 LINE 1 150' TOTAL
 LINE 2 100' TOTAL

1 1" TEE
 1 1" 90
 0 REGULATOR

125-375

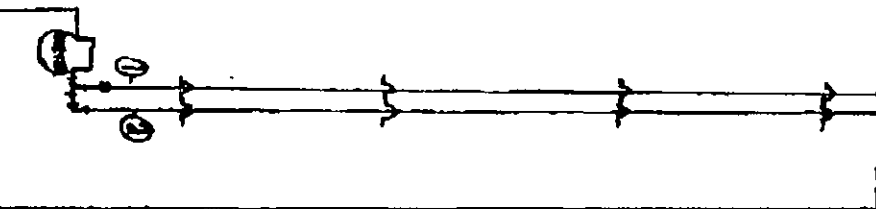
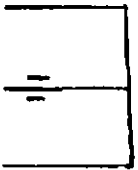
92-375

BACK OF BUILDING

1" GAS PIPE
1" U-CLAMPS EVERY
5' OF PIPE
LINES 1 & 2 ARE
20' UP WALL

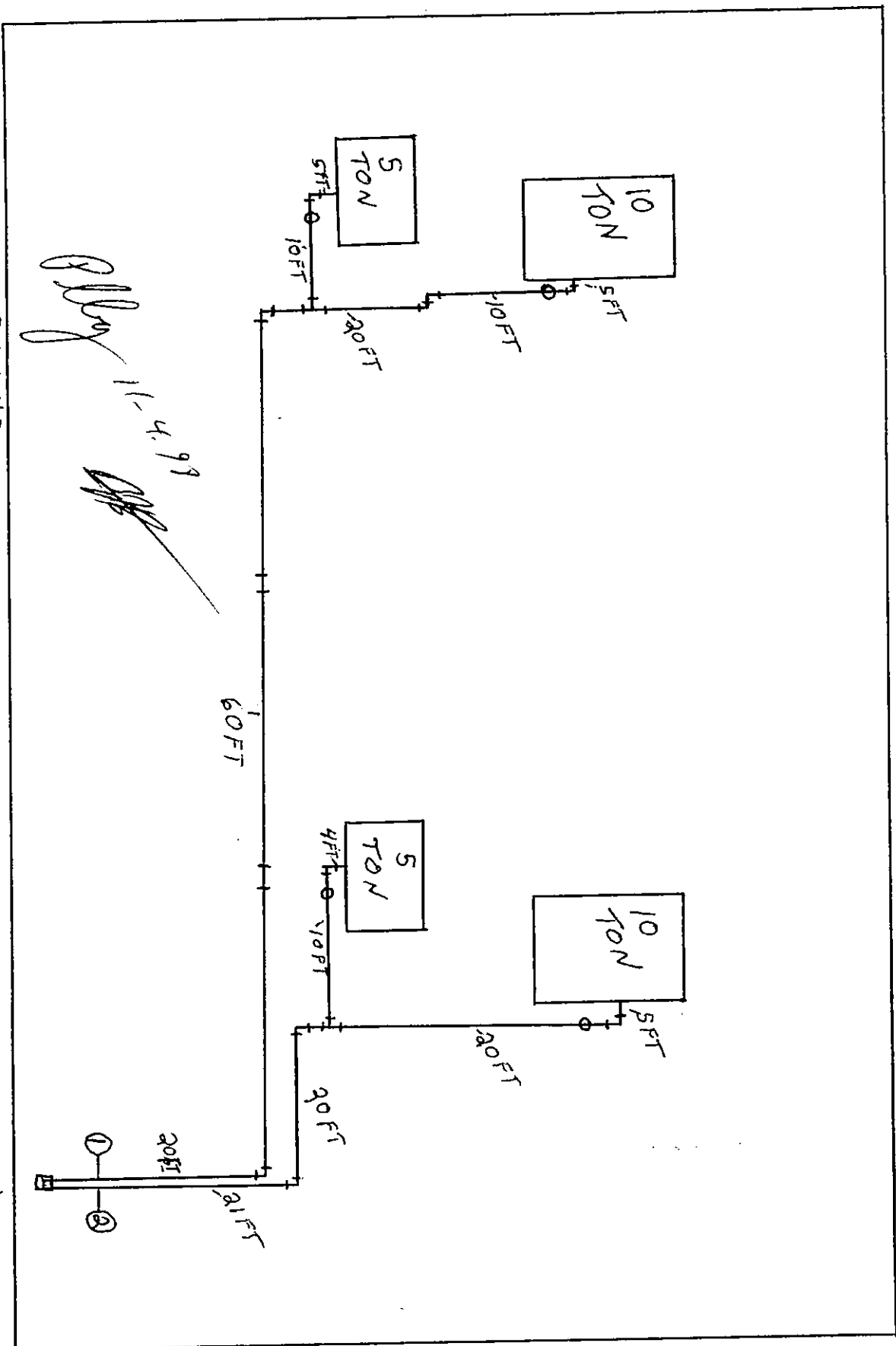
1" 1"90
1" TEE
1" 1" UNOD

DRIVE-UP



BRICK AVE

Summit Bank



RUN #1

1" GAS PIPE

TOTAL PIPE 250 FT

4X4 W/1" U-CLAMPS

EVER 5 FT

RUN #2

1" GAS PIPE

TOTAL PIPE 100 FT

4 1" 90

1 1" TEE

1 1" COUPLING

1 1" REGULATOR

5 TON ARE 135,000 BTU'S INPUT
10 TON ARE 245,000 BTU'S INPUT

BACK OF BUILDING

1 1"90
1 1"TEE
1 1"UNION
2 1"CLAMPS
GAS LINES 1+2
RUN UP BACK
OF BUILDING
30FT UP.
1"CLAMPS EVERY
5FT

DRIVE-UP
WINDOW

11-4-93
AK

GAS
METER

①
②

COUNTER FORM
PLEASE PRINT

Original app. not
Sealed. See new
Charge by contractor
w/ Seal.

TOWNSHIP OF BRICK

401 Chambers Bridge Road
Brick, New Jersey 08723
Tel: 732-262-1027

Site Location: <u>545 BRICK BLVD</u>	Date Rec'd: _____	
Block: <u>547</u>	Lot: <u>1</u>	Date Issued: _____
Owner in Fee: <u>SUMMIT BANK</u>	Control #: _____	
Address: <u>545 BRICK BLVD</u>	Permit #: _____	
<u>BRICK TOWN, NJ</u>		
State: <u>NJ</u>	Zip: _____	Phone: <u>(732) 477-5700</u>
SS #: _____	Provide only if Applicant is owner	

PLUMBING SUBCODE	BUILDING SUBCODE
------------------	------------------

CONTRACTOR: <u>QUALITY SERVICE ASSOC.</u>	CONTRACTOR: _____
ADDRESS: <u>P.O. Box 2457</u>	ADDRESS: _____
<u>WESTFIELD, NJ 07090</u>	
PHONE: <u>908-241-9400</u>	PHONE: _____
LIC #: <u>22-2477158</u>	LIC #: _____
LIC. EXPIRATION DATE: _____	LIC. EXPIRATION DATE: _____
FEDERAL EMP. # (or S.S. #): <u>22-2477158</u>	FEDERAL EMP. # (or S.S. #): _____

TECHNICAL SITE DATA (LIST ALL FIXTURES)	TECHNICAL SITE DATA
---	---------------------

NO.	FIXTURE/EQUIPMENT	DESCRIPTION OF WORK:
_____	Water Closet	
_____	Urinal / Bidet	
_____	Bath Tub	
_____	Lavatory	
_____	Shower	
_____	Floor Drain	
_____	Sink	
_____	Dishwasher	
_____	Drinking Fountain	
_____	Washing Machine	
☒	Hose Bibb	
_____	Gas Piping	
_____	Fuel Oil Piping	
_____	Water Heater	
_____	Steam Boiler	
_____	Hot Water Boiler	
_____	Sewer Pump	
_____	Interceptor / Separator	
_____	Backflow Preventer	
_____	Greasetrap	
_____	Water Cooled AC or Refrig. Unit	
_____	Sewer Connection	
_____	Septic (Disposal System) Closure	
_____	Water Service Connection	
_____	Gas Service Connection	
_____	Active Solar System	
_____	Vent Through Roof	
_____	Other	

TYPE OF WORK	
☐ New Building	
☐ Addition	☐ Fence: Height (6' or More)
☐ Alteration	☐ Sign: Sq. Ft.
☐ Roofing	☐ Pool (In Ground)
☐ Siding	☐ Pool (Above Ground)
☐ Other:	☐ Asbestos Abatement
☐ Other:	☐ Demolition

BUILDING CHARACTERISTICS	
USE GROUP	Present: _____ Proposed: _____
CONSTR. CLASS	Present: _____ Proposed: _____
No. of Stories:	_____
Height of Structure:	_____
Area - Largest Floor:	_____
New Building Area / All Floors:	_____
Volume of Structure:	Total Land Disturbed: _____

Estimated Cost of Plumbing Work: \$ 1,500.00

Signature: _____

Owner ☐ Contractor ☒

SUBCODE APPROVAL: _____

PLANS: Required ☐ Approved ☐

Approved by: _____

Date: _____

CONTRACTOR AFFIX SEAL: _____

Signature: _____

Estimated Cost of Building Work: _____

New Building (1): \$ _____

Alteration (2): \$ _____

TOTAL (1+2): \$ _____

SUBCODE APPROVAL: _____

PLANS: Required ☐ Approved ☐

Approved by: _____

Date: _____

COUNTER FORM
PLEASE PRINT

Needs electrical

ELECTRICAL SUBCODE			FIRE PROTECTION SUBCODE		
CONTRACTOR: <u>Quality Service</u>			CONTRACTOR: <u>QUALITY SERVICE ASSC.</u>		
ADDRESS:			ADDRESS: <u>645 BRUCE AVE</u>		
PHONE:			PHONE: <u>908-241-9400</u>		
LIC. #: EXP. DATE:			LIC. #: EXP. DATE:		
FEDERAL EMPL. #: (or S.S. #): <u>22-2477158</u>			FEDERAL EMPL. #: (or S.S. #): <u>22-2477158</u>		
TECHNICAL DATA (LIST ALL FIXTURES)			TECHNICAL DATA (DESCRIPTION OF WORK)		
DESCRIPTION	QTY	SIZE			
ITEMS					
Lighting Fixtures			Heating Type: ☒ Gas ☐ Oil ☐ Electric ☐ Solar Heating Sys: ☒ New ☐ Existing Location of Furnace / Boiler _____		
Receptacles					
Switches					
Detectors					
Light Poles					
Motors - Fract. HP					
Emergency & Exit Lights					
Communications Points					
Alarm Devices/E.A.C. Panel					
TOTAL NUMBERS					
Pool Permit w/UW Lights			Water Supply Source		
Storable Pool/Spa/Hot Tub			Method of Valve Supervision		
KW Elec. Range / Receptacle		KW	Local Alarm Supervision		
KW Oven / Surface Unit		KW	Central Supervision		
KW Elec. Water Heater		KW	Proprietary Supervision		
KW Elec. Dryer / Receptacle		KW			
KW Dishwasher		KW	Flammable Liquid Storage Tanks Capacity: Fuel:		
HP Garbage Disposal		HP	Combustible Liquid Storage Tanks Capacity: Fuel:		
KW Central A/C Unit		KW	L.G.P. Storage Tanks Capacity: Fuel:		
HP/KW Space Heater/Air Handler		HP/KW			
KW Baseboard Heat		KW	DESCRIPTION NUMBER		
HP Motors 1/+ HP		HP	Wet Sprinkler Heads		
KW Transformer/Generator		KW	Dry Sprinkler Heads		
AMP Service		AMP	Total		
AMP Subpanels		AMP			
AMP Motor Control Center		AMP	Smoke Detectors		
AMP Elec. Sign/Outline Light		KW	Heat Detectors		
Other			Total		
Other			Stand Pipes		
Other			Kitchen Hood Exhaust Systems		
Other					
Estimated Cost of Electrical Work: \$			Pre-Engineered Systems		
Signature (print name):			Co2 Suppression		
Estimated Cost of Electrical Work: \$			Halon Suppression		
Signature (print name):			Foam Suppression		
Owner ☐ Contractor ☐			Dry Chemical		
SUBCODE APPROVAL:			Wet Chemical		
PLANS: Required ☐ Approved ☐					
Approved by:					
Date:			Gas or Oil Fired Appliance <u>4</u> <u>NV H/C units</u> Other _____ Other _____		
CONTRACTOR AFFIX SEAL:			Estimated Cost of Fire Protection Work: \$ <u>8000.00</u> Signature: <u>[Signature]</u> Owner ☐ Contractor ☒		
			SUBCODE APPROVAL:		
			PLANS: Required ☐ Approved ☐		
			Approved by:		
			Date:		

HVAC

COUNTER FORM
PLEASE PRINT

TOWNSHIP OF BRICK

401 Chambers Bridge Road
Brick, New Jersey 08723
Tel: 732-262-1027

Site Location: _____ Date Rec'd.: _____
Block: _____ Lot: _____ Date Issued: _____
Owner in Fee: _____ Control #: _____
Address: _____ Permit #: _____

State: _____ Zip: _____ Phone: (_____) _____
SS #: _____ Provide only if Applicant is owner

PLUMBING SUBCODE		BUILDING SUBCODE	
CONTRACTOR:		CONTRACTOR:	
ADDRESS:		ADDRESS:	
PHONE:		PHONE:	
LIC. #:		LIC. #:	
LIC. EXPIRATION DATE:		LIC. EXPIRATION DATE:	
FEDERAL EMP. # (or S.S. #):		FEDERAL EMP. # (or S.S. #):	
TECHNICAL SITE DATA (LIST ALL FIXTURES)		TECHNICAL SITE DATA	
NO.	FIXTURE/EQUIPMENT	DESCRIPTION OF WORK:	
	Water Closet		
	Urinal / Bidet		
	Bath Tub		
	Lavatory		
	Shower		
	Floor Drain		
	Sink		
	Dishwasher		
	Drinking Fountain		
	Washing Machine		
	Hose Bibb		
	Gas Piping		
	Fuel Oil Piping		
	Water Heater		
	Steam Boiler		
	Hot Water Boiler		
	Sewer Pump		
	Interceptor / Separator		
	Backflow Preventer		
	Greasetrap		
	Water Cooled AC or Refrig. Unit		
	Sewer Connection		
	Septic (Disposal System) Closure		
	Water Service Connection		
	Gas Service Connection		
	Active Solar System		
	Vent Through Roof		
	Other		
Estimated Cost of Plumbing Work: \$ 1300.00		TYPE OF WORK	
Signature:		☐ New Building	
		☐ Addition ☐ Fence: Height (6' or More)	
		☐ Alteration ☐ Sign: Sq. Ft.	
		☐ Roofing ☐ Pool (In Ground)	
		☐ Siding ☐ Pool (Above Ground)	
		☐ Other: ☐ Asbestos Abatement	
		☒ Other: ☐ Demolition	
Owner ☐ Contractor ☒		BUILDING CHARACTERISTICS	
SUBCODE APPROVAL:		USE GROUP Present: Proposed:	
PLANS: Required ☐ Approved ☐		CONSTR. CLASS Present: Proposed:	
Approved by:		No. of Stories:	
Date:		Height of Structure:	
CONTRACTOR AFFIX SEAL:		Area - Largest Floor:	
		New Building Area / All Floors:	
		Volume of Structure: Total Land Disturbed:	
		Signature:	
		Estimated Cost of Building Work:	
		New Building (1): \$	
		Alteration (2): \$	
		TOTAL (1+2): \$	
		SUBCODE APPROVAL:	
		PLANS: Required ☐ Approved ☐	
		Approved by:	
		Date:	

COUNTER FORM
PLEASE PRINT

ELECTRICAL SUBCODE		FIRE PROTECTION SUBCODE	
CONTRACTOR: <u>Russell Hendricksen</u>		CONTRACTOR:	
ADDRESS: <u>1 SHERWOOD RD.</u>		ADDRESS:	
PHONE: <u>732-321-0521</u>		PHONE:	
LIC. #: <u>9102</u> EXP. DATE: <u>99</u>		LIC. #: EXP. DATE:	
FEDERAL EMPL. # (or S.S. #):		FEDERAL EMPL. # (or S.S. #):	
TECHNICAL DATA (LIST ALL FIXTURES)		TECHNICAL DATA (DESCRIPTION OF WORK)	
DESCRIPTION	QTY SIZE		
ITEMS			
Lighting Fixtures	1		
Receptacles	1		
Switches			
Detectors			
Light Poles		Heating Type: ☐ Gas ☐ Oil ☐ Electric ☐ Solar	
Motors - Fract. HP		Heating Sys: ☐ New ☐ Existing	
Emergency & Exit Lights		Location of Furnace / Boiler	
Communications Points			
Alarm Devices/E.A.C. Panel			
TOTAL NUMBERS 2			
Pool Permit w/UW Lights		Water Supply Source	
Storable Pool/Spa/Hot Tub		Method of Valve Supervision	
KW Elec. Range / Receptacle	KW	Local Alarm Supervision	
KW Oven / Surface Unit	KW	Central Supervision	
KW Elec. Water Heater	KW	Proprietary Supervision	
KW Elec. Dryer / Receptacle	KW		
KW Dishwasher	KW	Flammable Liquid Storage Tanks Capacity: Fuel:	
HP Garbage Disposal	HP	Combustible Liquid Storage Tanks Capacity: Fuel:	
KW Central A/C Unit - 4-UNITS TOTAL 2-50 AMP MAX 2-70 AMP MAX	KW	L.G.P. Storage Tanks Capacity: Fuel:	
HP/KW Space Heater/Air Handler	HP/KW		
KW Baseboard Heat	KW	DESCRIPTION NUMBER	
HP Motors 1/+ HP	HP	Wet Sprinkler Heads	
KW Transformer/Generator	KW	Dry Sprinkler Heads	
AMP Service	AMP	Total	
AMP Subpanels	AMP	Smoke Detectors	
AMP Motor Control Center	AMP	Heat Detectors	
AMP Elec. Sign/Outline Light	KW	Total	
Other		Stand Pipes	
Other		Kitchen Hood Exhaust Systems	
Other			
Other			
Estimated Cost of Electrical Work: \$		Pre-Engineered Systems	
Signature (print name):		Co2 Suppression	
Estimated Cost of Electrical Work: \$ 2,500		Halon Suppression	
Signature (print name): <u>Russell Hendricksen</u>		Foam Suppression	
Owner ☐ Contractor ☒		Dry Chemical	
SUBCODE APPROVAL:		Wet Chemical	
PLANS: Required ☐ Approved ☐		Gas or Oil Fired Appliance - 4 Roof Top A/C's	
Approved by:		Other	
Date:		Other	
CONTRACTOR AFFIX SEAL:		Estimated Cost of Fire Protection Work: \$	
<u>Russell Hendricksen</u>		Signature:	
		Owner ☐ Contractor ☐	
		SUBCODE APPROVAL:	
		PLANS: Required ☐ Approved ☐	
		Approved by:	
		Date:	

COUNTER FORM
PLEASE PRINT

TOWNSHIP OF BRICK

401 Chambers Bridge Road
Brick, New Jersey 08723
Tel: 732-262-1027

Site Location:	545 BRICK BLVD.	Date Rec'd.:	
Block:	547	Lot:	1
Owner in Fee:	SUMMIT BANK	Date Issued:	
Address:	SAME	Control #:	
	BRICK TOWN	Permit #:	
State:	N.J.	Zip:	
SS #:	08723	Phone:	(908) 241-9400
Provide only if Applicant is owner			

PLUMBING SUBCODE	BUILDING SUBCODE
CONTRACTOR: METRIC PLUMBING	CONTRACTOR:
ADDRESS: 32 Bow Jew Rd Cedar Grove, N.J.	ADDRESS:
PHONE: 973-857-1535	PHONE: SAME
LIC #: 6417	LIC #:
LIC. EXPIRATION DATE: 6-99	LIC. EXPIRATION DATE:
FEDERAL EMP. # (or S.S. #): 222-024-980	FEDERAL EMP. # (or S.S. #):
TECHNICAL SITE DATA (LIST ALL FIXTURES)	TECHNICAL SITE DATA
NO. FIXTURE/EQUIPMENT	DESCRIPTION OF WORK:
☐ Water Closet	
☐ Urinal / Bidet	
☐ Bath Tub	
☐ Lavatory	
☐ Shower	
☐ Floor Drain	
☐ Sink	
☐ Dishwasher	
☐ Drinking Fountain	
☐ Washing Machine	
☐ Hose Bibb	
☒ Gas Piping 1" A/Nox 200'	
☐ Fuel Oil Piping	
☐ Water Heater	
☐ Steam Boiler	
☐ Hot Water Boiler	
☐ Sewer Pump	
☐ Interceptor / Separator	
☐ Backflow Preventer	
☐ Greasetrap	
☒ Water Cooled AC or Refrig. Unit	
☐ Sewer Connection	
☐ Septic (Disposal System) Closure	
☐ Water Service Connection	
☐ Gas Service Connection	
☐ Active Solar System	
☐ Vent Through Roof	
☐ Other	
Estimated Cost of Plumbing Work: \$ 1500.00	
Signature: [Signature]	
Owner ☐ Contractor ☒	
SUBCODE APPROVAL:	
PLANS: Required ☐ Approved ☐	
Approved by: [Signature]	
Date: [Signature]	
CONTRACTOR AFFIX SEAL: [Seal]	
	TYPE OF WORK
	☐ New Building
	☐ Addition ☐ Fence: Height (6' or More)
	☐ Alteration ☐ Sign: Sq. Ft.
	☐ Roofing ☐ Pool (In Ground)
	☐ Siding ☐ Pool (Above Ground)
	☐ Other: ☐ Asbestos Abatement
	☒ Other: ☐ Demolition
	BUILDING CHARACTERISTICS
	USE GROUP Present: Proposed:
	CONSTR. CLASS Present: Proposed:
	No. of Stories:
	Height of Structure:
	Area - Largest Floor:
	New Building Area / All Floors:
	Volume of Structure: Total Land Disturbed:
	Signature:
	Estimated Cost of Building Work:
	New Building (1): \$
	Alteration (2): \$
	TOTAL (1+2): \$
	SUBCODE APPROVAL:
	PLANS: Required ☐ Approved ☐
	Approved by: [Signature]
	Date: [Signature]