

6/9/99



CONSTRUCTION PERMIT APPLICATION

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

I. IDENTIFICATION

1. Proposed Work Site at: 1587 Forge Pond Rd

2. Name of Owner in Fee: Diana L Brand-Palmer Tel. [REDACTED]
Address 1587 Forge Pond Rd
street municipality zip code

3. Ownership in Fee: Public _____ Private _____

4. Principal Contractor: SELF Tel. () _____
Address _____
License No. OR, if new home, Builder Reg. No. _____ Exp. Date _____
Federal Employee No. _____ FAX: () _____

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

6. Responsible Person in Charge of Work _____
Tel. () _____ FAX () _____

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$		
2. Electrical	\$	84	35
3. Plumbing	\$	600	25
4. Fire Protection	\$	112	35
5. Elevator Devices	\$		
6. Subtotal	\$		
7. Less 20% for State Plan Review	\$		
8. Subtotal	\$		
9. DCA Training Fee	\$	3	
10. Subtotal	\$		
11. Cert. of Occupancy	\$		
12. Other	\$		
13. TOTAL	\$	259	105

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	_____

oil to gas conver.

II. PROPOSED WORK	Est. Cost	OPTIONAL (for office use only)						
		Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection
1. ☐ Minor Work								
2. ☐ New Building								
3. ☐ Addition								
4. ☐ Alteration								
5. ☒ Fire Protection								
6. ☐ Plumbing								
7. ☒ Electrical								
8. ☐ Elevator Devices								
9. ☐ Asbestos Abat. Subch. 8								
10. ☐ Lead Hazard Abatement								
11. ☐ Demolition								
TOTAL COSTS								

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:

3. Change in Use Group, Indicate Former:

LDS BR 10400761

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 *John Vincent Palmer* Date 6-9-99

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 _____

Address _____

Telephone (_____) _____

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

X. CERTIFICATES ISSUED (office use only)

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

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
CONSTRUCTION
PERMIT

Date Issued 07/13/99
Control #
Permit # 99-2593

IDENTIFICATION Block 820 Lot 18

Dist

Work Site Location 1537 FORGER POND RD

OIL TO GAS CONVERSION

Contractor H O M E O W N E R
Address

Owner in Fee BRAND-PALMER, DIANA L.

Address SAME

Telephone

BRICK, NJ

Telephone ()
Lic. No. or Altrs. Reg. No.
Federal Emp. No. HO-

Is hereby granted permission to perform the following work:

1 1 BUILDING	1X1 PLUMBING	1 1 LEAD HAZARD ABATEMENT
1X1 ELECTRICAL	1X1 FIRE PROTECTION	1 1 DEMOLITION
1 1 ELEVATOR DEVICES	1 1 ASBESTOS ABATEMENT	1 1 OTHER

(Subchapter 8 only)

DESCRIPTION OF WORK:
OIL TO GAS CONVERSION

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 \$ 4,500

U.C.C. #110 (rev. 3/95)

J. Williams
Construction Official

07/13/99
Date

PAYMENTS (Office Use Only)

Building	0
Electrical	84
Plumbing	60
Fire Protection	112
Elevator Devices	0
Other	0
DCA Training Fee	3
Cert. of Occupancy	0
Total	259
Check No.	2376
Cash	
Collected By	CS

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Update Issued 08/28/2003
Control #
Permit # 39-25934A
Permit Issued 07/13/1999

NEW JERSEY
PERMIT UPDATE

IDENTIFICATION Block 320 Lot 13 Euel

Work Site Location 1587 FORGE POND RD
Owner in Fee 38400-PALMER, DANA L
Address SAME
Telephone BRICK, NJ
Contractor H O M E D I M E N S
Address
Telephone ()
Lic. No. of 81475, Reg. No.
Federal Exp. No. 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:
AC

PAYMENTS (Office Use Only)
Building 0
Electrical 35
Plumbing 35
Fire Protection 35
Elevator Devices 0
Other
NJ State Permit Fee 0
Cert. of Occupancy 0
Other
Total 105
Check No. 154
Cash
Collected By NJB

Estimated Cost of Work \$ 210
Construction Official
08/28/2003

Date

U.C.C. #190 (REV. 3/76) NJ UCCARS 5.2a2

08/28/03 2:42PM 00000043259
#X02 SERV.002

#2593
ELECTRIC \$35.00
PLUMBING \$35.00
FIRE \$35.00
CHECK \$105.00

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 06/22/99
Date Issued 7/13/99
Control # C22-820
Permit # 99-2539

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

FEE (Office Use Only)

Block 820 Lot 18 Qual

Work Site Location 1587 FORGE POND RD

Owner in Fee BRAND-PALMER, DIANA L

Address SAME

BRICK, NJ

Tele. () Fax ()

Contractor

Address

Tele. ()

Lic. No. of Bldrs. Reg. No.

Federal Emp. No. HQ-

B. ELECTRICAL CHARACTERISTICS

Use Group - Present U Proposed U

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

Building Occupied as Utility Co.

Estimated Cost of Electrical Work \$ 1,500

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I as the (agent of) owner of record and an 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

Approved By: _____

Date: _____

Subcode Approval

[] CO [] CCO [] CA

Approved By: _____

Date: _____

Subcode Approval

[] CO [] CCO [] CA

Approved By: _____

Date: _____

Subcode Approval

[] CO [] CCO [] CA

Approved By: _____

Date: _____

Subcode Approval

[] CO [] CCO [] CA

Approved By: _____

Date: _____

NO. SIZE

ITEM

FEE (Office Use Only)

Lighting Fixtures

Receptacles

Switches

Detectors

Light Poles

Motors-Fract HP

Emergency & Exit Lights

Communications Points

Alarm Devices/F.A.C. Panel

TOTAL NUMBERS

Pool Permit/with UV Lights

Storable Pool/Spa/Hot Tub

KW Elect Range/Receptacle

KW Oven/Surface Unit

KW Elect Water Heater

KW Elect Dryer/Receptacle

KW Dishwasher

HP Garbage Disposal

KW Central A/C Unit

HP/KW Space Heater/Air Handler

Baseboard Heat

HP Motors 1/2 HP

KW Transformer/Generator

AMP Service

AMP Subpanels

AMP Motor Control Center

KW Elect Sign/Outline Light

Other FURNACE

Other

Administrative Surcharge \$

Minimum Fee \$

TOTAL FEE \$

DCI Training Fee \$

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

Block 820 Lot 18 Dual
Work Site Location 1507 FORCE ROAD RD
Owner in Fee BRICK-PAINTER, DIANA L
Address: SAME
BRICK, NJ
Contractor
Address
Telephone
Lic. No. of Bldgs. Reg. No.
Federal Emp. No. NJ-

B. ELECTRICAL CHARACTERISTICS
Use Group - Present 4 Proposed 4
[] Federal [] Temporary [] Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 50

JOB SUMMARY (Office Use Only)
PLAN REVIEW
[X] No Plans Required
Joint Plan Review Required:
[] Bldg [] Plumb
[] Fire [] Elevator
[] Elect Plans Approved
Date: 8/28/03
Approved By: VM
SUBCODE APPROVAL
[] CO [] CCO [] CA
Date:
Approved By:

D. TECHNICAL SITE DATA
NO. SIZE ITEM FEE (Office Use Only)

0	0	Lighting Fixtures	0
0	0	Receptacles	0
0	0	Switches	0
0	0	Detectors	0
0	0	Light Poles	0
0	0	Motors-Fixed HP	0
0	0	Emergency & Exit Lights	0
0	0	Communications Points	0
0	0	Alarm Devices/F.A.C. Panel	0
0	0	TOTAL NUMBERS	0
0	0	Pool Permit/With UV Lights	0
0	0	Scrubble Fuel/Spa/Hot Tub	0
0	0	KW Elect Range/Receptacle	0
0	0	KW Over/Surface Unit	0
0	0	KW Elect Water Heater	0
0	0	KW Elect Dryer/Receptacle	0
0	0	KW Dishwasher	0
0	0	HP Garbage Disposal	0
0	0	KW Central A/C Unit	0
1	7	HP/AW Space Heater/Air Handler	0
0	0	Gasbooster Heat	0
0	0	HP Motors 1/2 HP	0
0	0	KW Transformer/Generator	0
0	0	AMP Service	0
0	0	AMP Subpanels	0
0	0	AMP Motor Control Center	0
0	0	KW Elect Sign/Outline Light	0
0	0	Other	0
0	0	Other	0

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.

Administrative Surcharge \$ 0
Paid [] Check # MINIMUM FEE \$ 25
Collected by: TOTAL FEE \$ 35
DEA State Permit Fee \$ 0

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 06/22/99
Date Issued 7/13/99
Control # C22-820
Permit # 99-2593

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

Block 820 Lot 18 Qual

Work Site Location 1587 FORGE POND RD

OIL TO GAS CONVERSION

Owner in fee BRAND-PALMER, DIANA L

Address SAME

BRICK, NJ

Tele () Fax ()

Contractor

Address

Tele ()

Lic. No. or Bldrs. Reg. No.

Federal Emp. No. HD-

8. FIRE PROTECTION CHARACTERISTICS

Use Group Present U Proposed U

Constr Class Present Proposed

Heating Systems [] New [] Existing [] HVAC

Type: [X] Gas [] Oil [] Elect [] Solar

[] Other

Location: BASEMENT

Total Est Cost of Fire Prot Work \$ 1,500

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required

Joint Plan Review Required:

[] Bldg [] Elect

[] Plumb [] Elevator

Fire Plans Approved

Date: 6-23-99

Approved By: [Signature]

SUBCODE APPROVAL

[] CO [] CCO [] CA

Date:

Approved 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.

Signature

D. TECHNICAL SITE DATA

Description of Work:

Water Supply Source

Method of Alarm/Suppr Sys Superv

Storage Tanks

Type: [] Flammable liquid [] Combust liquid

[] LPG [] LNG Capacity 0 Fuel

Alarm Systems [] 110V Interconnected NUMBER

[] System

Alarm Devices (Smoke, heat, pulls, water/flood) 0

Supervisory Devices (tamper, low/high air) 0

Signalling Devices (horn/strobes, bells) 0

Other Devices 0

TOTAL 0

Suppression Systems

Fire Pump 0 GPM Type 0

Dry Pipe/Alarm Valves 0

Pre-action Valves 0

Sprinkler Heads (Dry and Wet) 0

Standpipes 0

Pre-engineered Systems

Net Chemical 0

Dry Chemical 0

CO2 Suppression 0

Foam Suppression 0

Halon Suppression 0

Other 0

Kitchen Hood Exhaust System 0

Smoke Control System 0

Gas [] or Oil [] Fired Appliances 0

Other FURNACE 46

Other TANK REMOVAL 66

FEE (Office Use Only)

Comm & Lic
Clerks

Administrative Surcharge \$ 0

Paid [] Check \$ Minimum Fee \$ 0

Collected by: TOTAL FEE \$ 112

DCA Training Fee \$ 1

HJ UCCARS 5.24E
TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 08/28/2003
Date Issued 01/01/1954
Control #
Permit # 99-2593+H

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING
CONTRACTORS, NOTIFY THIS OFFICE, CALL UTILITY DIE NO: 1-900-272-1000

Block SEC Lot 18 941

Work Site Location 1587 FORGE POND RD

OIL TO GAS CONVERSION

Owner in Fee BRAND-FALMER, JAMES L

Address SAME

BRICK, NJ

Tels

Contractor

Address

Tels

Loc. No. of Bldgs. Reg. No.

Federal Emp. No. 90-

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present Y Proposed Y

Constr. Class Present Proposed

Heating Systems () New () Existing () HVAC

Type () Gas () Oil () Electric () Solar

() Other

Location:

Total Est Cost of Fire Prot Work \$ 10

C. CERTIFICATION IN LIEU OF OATH

PLANNING REVIEW

() We Plan Review Required

Joint Plan Review Required:

() Bldg () Elect

() Plumb () Elevator

() Fire Plans Approved

Date:

Approved by:

SUBCODE APPROVAL

() CO () CCO () CA

Date:

Approved by:

INSPECTIONS

Type

Alarm Sys

Super Test

Standpipe

Fire Pump

Firefighting Sys

Mechanical

Smoke (H)

TCO

Final

Other

Dates (Month/Day)

Failure Failure Approval Initial

D. TECHNICAL SITE DATA

Description of Work:

Water Supply Source

Method of Alarm/Suppr Sys Superv

Storage Tanks

Type: () Flammable Liquid () Combust Liquid

() LPG () LHS Capacity 0 Fuel

Alarm Systems () Flow Interconnected NUMBER

() System

Alarm Devices (Smoke, heat, pulls, water flow)

Supervisory Devices (Temperature/high air)

Signalling Devices (horn/strobes, bells)

Other Devices

TOTAL

Suppression Systems

Fire Pump 0 GPM Type

Dry Pipe/Alarm Valves

Pre-action Valves

Sprinkler Heads (dry and wet)

Standpipes

Pre-engineered Systems

Wet Chemical

Dry Chemical

CO2 Suppression

Foam Suppression

Halon Suppression

Other

Kitchen Hood Exhaust System

Smoke Control System

Gas () or Oil () Fired Appliances

Other REINSTATE

Other

FEE (Office Use Only)

Administrative Surcharge \$
Paid () Check # \$
Municipal Fee \$
Collected by: TOTAL FEE \$
DCR State Permit Fee \$

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

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 06/22/99
Date Issued 7/13/99
Control # C22-820
Permit # 99-2539

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 820 lot 18 Qual
Work Site Location 1587 FORGE POND RD

OIL TO GAS CONVERSION

Owner in Fee BRAND-PALMER, DIANA L

Address SAME

BRICK, NJ

Tele. () Fax ()

Contractor

Address

Tele. ()

Lic. No. or Bldgs. Reg. No.

Federal Emp. No. HQ-

B. PLUMBING CHARACTERISTICS

Use Group Present U Proposed U

Building Sewer Size [] Public Sewer [] Private Septic

Water Sewer Size [] Public Water [] Private Well

Estimated Cost of Plumbing Work \$ 1,500

308 SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required

Joint Plan Review Required:

[] Bidg [] Elect

[] Fire [] Elevator

[X] Plumb. Plans Approved

Date: 6/22/99

Approved By: [Signature]

SUBCODE APPROVAL

[] CO [] CCO [] CA

Approved By:

Date:

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

35

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

0

Other

0

Administrative Surcharge

\$ 0

Paid [] Check #

\$ 0

Collected by:

\$ 60

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
4401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBERS
SUBCODE
TECHNICAL SECTION

Date Received 08/28/2003
Date Issued 01/01/1954
Control #
Permit # 99-25934A

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

Block 820 Lot 18 9041

Work Site Location 1587 FORGE FOND RD

011 TO GAS CONVERSION

Owner in Fee BRAND-PALMER, DIANA L

Address SAME

BRICK, NJ

Tel: [REDACTED]

Contractor

Address

Tel: [REDACTED]

Lic. No. of Bldgs. Rep. No.

Federal Emp. No. HQ-

B. PLUMBING CHARACTERISTICS

Use Group Present 0 Proposed 0

Building Sewer Size [] Public Sewer [] Private Septic

Water Sewer Size [] Public Water [] Private Well

Estimated Cost of Plumbing Work \$ 130

C. CERTIFICATION (Office Use Only)

PLAN REVIEW

Joint Plan Review Required:

[] Bidg [] Elect

[] Fire [] Elevator

[] Plumb. Plans Approved

Date: 8/28/03

Approved by: [Signature]

SUBCODE APPROVAL

[] CO [] CCO [] CA

Approved by:

Date:

INSPECTIONS
Type Failure Failure Approved Initial

Slab

Rough

Water

Sewer

Fixtures

Gas Equip.

Gas Piping

Solar

TCD

NO.

FIXTURE/EQUIPMENT

FEE (Office Use Only)

Water Closet

Urinal / Bidet

Bath Tub

Lavatory

Shower

Floor Drain

Sink

Dishwasher

Drinking Fountain

Washing Machine

Hose Bib

Water Heater

Fuel Oil Piping

Gas Piping

Steam Boiler

Hot Water Boiler

Sewer Pump

Interceptor / Separator

Backflow Preventer

Sewer Connection

Water Service Connection

Stacks

Other

Other

Other

Paid [] Check #
Collected by: Administrative Surcharge \$
Minimum Fee \$
TOTAL FEE \$
DIA State Permit Fee \$

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 06/22/99
Date Issued 7/13/99
Control # C22-820
Permit # 99-2539

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

Block 820 Lot 18
Qual. 5
Work Site Location 1587 FORCE POND RD

OIL TO GAS CONVERSION

Owner in Fee BRAND-PALMER, DIANA L

Address SAME

BRICK, NJ

Tele. () Fax ()

Contractor

Address

Tele. ()

Lic. No. or Bldgs. Reg. No.

Federal Emp. No. HO-

B. PLUMBING CHARACTERISTICS

Use Group Present U 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

[X] Plumb. Plans Approved

Date: 6-20-99

Approved By: [Signature]

SUBCODE APPROVAL

[] CO [] CCO [] A

Approved By: [Signature]

Date: 7-13-99

INSPECTIONS

Type Failure Failure Approval Initial

Slab

Rough

Water

Sewer

Fixtures

Gas Equip. 7-20-99

Gas Piping 9/13/99

Solar 14-99

TOD

D. TECHNICAL SITE DATA (list all fixtures.)

NO. FEE (Office Use Only)

Water Closet

Urinal / Bidet

Bath Tub

Lavatory

Shower

Floor Drain

Sink

Dishwasher

Drinking Fountain

Washing Machine

Hose Bib

Water Heater

Fuel Oil Piping

Gas Piping

Steam Boiler

Hot Water Boiler

Sewer Pump

Interceptor / Separator

Backflow Preventer

Greasetrap

Sewer Connection

Water Service Connection

Stacks

Other

Other

Other

Other

Other

Other

Other

Other

Other

Other

Other

Other

Other

Other

Other

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

Paid [] Check #
Collected by: Administrative Surcharge \$
Minimum Fee \$
TOTAL FEE \$ 60
DCA Training Fee \$ 1

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION
Date Received 08/28/2003
Date Issued 01/01/1954
Control #
Permit # 99-2593+A

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

Block 820 Lot 18 Qual
Work Site Location 1587 FORGE POND RD
GIL TO GAS CONVERSION

Owner in Fee BRAND-PALMER, DIANA L
Address SAME

BRICK, NJ

Tele. _____

Contractor _____

Address _____

Tele. (____) _____

Lic. No. or Bids. Reg. No. _____

Federal Emp. No. HQ- _____

B. PLUMBING CHARACTERISTICS

Use Group Present U Proposed U
Building Sewer Size _____ ☐ Public Sewer ☐ Private Septic
Water Sewer Size _____ ☐ Public Water ☐ Private Well
Estimated Cost of Plumbing Work \$ 150

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☐ No Plans Required
Joint Plan Review Required:
Type _____ Failure _____ Dates (Month/Day) _____
Initial _____

☐ Bidg ☐ Elect _____
☐ Fire ☐ Elevator _____

☐ Plumb. Plans Approved _____
Date: 8/28/03

Approved By: _____

SUBCODE APPROVAL _____

☐ CD ☐ CCO ☐ LTP _____

Approved By: _____

Date: _____

D. TECHNICAL SITE DATA (List all fixtures.)

NO. _____ FEE (Office Use Only)

Water Closet _____

Urinal / Bidet _____

Bath Tub _____

Lavatory _____

Shower _____

Floor Drain _____

Sink _____

Dishwasher _____

Drinking Fountain _____

Washing Machine _____

Hose Bib _____

Water Heater _____

Fuel Oil Piping _____

Gas Piping _____

Steam Boiler _____

Hot Water Boiler _____

Sewer Pump _____

Interceptor / Separator _____

Backflow Preventer _____

Greasetrap _____

Sewer Connection _____

Water Service Connection _____

Stacks _____

Other AC _____

Other _____

Paid ☐ Check # _____
Collected by: _____
Administrative Surcharge \$ _____
Minimum Fee \$ _____
TOTAL FEE \$ 35
BCA State Permit Fee \$ _____

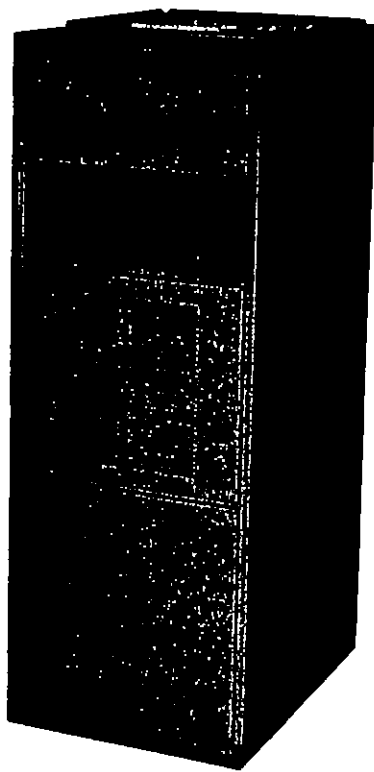
C. CERTIFICATION IN LIEU OF OATH

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 ☐ Except Applicant

INSTALLATION INSTRUCTIONS AND OPERATING PROCEDURE



**GAS FIRED
UPFLOW
FURNACE**

REVISED:
SEPTEMBER, 1985
SUPERSEDES:
MAY, 1985

GENERAL INFORMATION

SPECIFICATIONS AND INFORMATION

HEATING CAPACITIES	INPUT (BTUH)†		50,000	75,000	100,000	125,000	150,000	175,000®	200,000®				
	OUTPUT (BTUH)‡		38,000	57,000	76,000	95,000	115,000	138,000	156,000				
ELECTRICAL SPECIFICATIONS	UNIT VOLTAGE		120V 60 HZ										
	MIN./MAX. VOLTAGE RANGE		115/120										
	DIRECT DRIVE	BLOWER DRIVE (CFM)	800	800	1200	1200	1600	1600	2000	1600	2000	2000	3200
		FULL LOAD AMPS®	10.2	10.2	6.8	6.8	10.3	8.0	15.8	10.3	15.8	13.6	17.6
		AMPACITY	12	12	10	10	12	12	22.0	12	22.0	17.0	22
		MAX. FUSE SIZE	15	15	15	15	15	15	30	15	30	25.0	35
AIR DELIVERIES	MAX. CFM @0.5 ESP®	MIN. WIRE SIZE®	14	14	14	14	14	14	10	14	10	12	10
		DIRECT DRIVE	825	905	1185	1325	1660	1590	2025	1820	2025	—	—
		BELT DRIVE	—	—	—	—	—	—	—	—	—	2050	3300
STANDARD CONTROLS AND PIPING INFORMATION	ADJ. FAN & FIXED LIMIT CONTROL		STANDARD										
	TRANSFORMER (120V/24V)		STANDARD										
	COOLING BLOWER RELAY		STANDARD										
	GAS VALVE		STANDARD ½" INLET										
	MANIFOLD SIZE (INLET)		STANDARD ½" N.P.T.										
GENERAL INFORMATION	AIR FILTER	FILTER TYPE	WASHABLE										
		FILTER SIZE	16 x 25 x 1						20 x 25 x 1 (EXTERNAL)		20 x 25 x 1 (EXTERNAL)		
	UNIT VENT SIZE		4	4	5	5	6	6	7				
	UNIT SHIPPING WEIGHT LBS.		117	135	157	185	214	295	308				

†MIN. WIRE SIZE BASED ON COPPER A.W.G. 60C 3% VOLTAGE DROP. WIRE LENGTH 50 FT. OF CIRCUIT ONE WAY.

®REFER TO PAGES 10-16 FOR COMPLETE BLOWER CHART.

®NOMINAL AMP. LOAD DEPENDING ON INSTALLATION CONDITIONS AND HEATING OR COOLING OPERATIONS.

®PILOT RELIGHT UNITS ONLY.

†RATINGS SHOWN ARE FOR ELEVATIONS UP TO 2000 FT. RATINGS SHOULD BE REDUCED 4% PER 1000 FT. FOR EACH 1000 FT. ABOVE SEA LEVEL.

‡RATED IN ACCORDANCE WITH D.O.E. TEST PROCEDURES. CAPACITY IS FOR STANDING PILOT.

CODE: GU400/GUF

Gas Fired—Forced Air-Upflow Furnaces—Prewired & Preassembled

INFORMATION CONTAINED IN THIS MANUAL IS DESIGNED TO ACQUAINT YOU WITH THE MECHANICAL FEATURES, AND TO SERVE AS AN EMERGENCY REPAIR GUIDE IN CASE OF HEAT FAILURE.

PROPER CARE OF YOUR GAS FURNACE WILL ASSURE YOU OF MANY YEARS OF ECONOMICAL COMFORT AND SERVICE. LIKE EVERY PIECE OF FINE MECHANICAL EQUIPMENT, YOUR FURNACE SHOULD BE SERVICED PERIODICALLY BY AN EXPERT. WE RECOMMEND A COMPLETE SERVICING BY AN AUTHORIZED SERVICEMAN AT LEAST ONCE EACH YEAR — USUALLY AT THE BEGINNING OF THE HEATING SEASON.

Section I — GENERAL INSTALLATION REQUIREMENTS

UNCRATING AND INSPECTING

After uncrating the unit, inspect thoroughly for concealed damage, if found, notify transportation company immediately and file concealed damage claim.

GENERAL REQUIREMENTS

All installations should be made as outlined in the latest edition of National Fuel Gas Code ANSI-Z223, 1-1984, and other applicable National and Local codes, including requirements of Local Utilities. In addition, the unit must be electrically grounded in accordance with the National Electric Code ANSI-NFPA-#70-1984. Current Code Edition(s) are available for a fee from the American Gas Association, 1515 Wilson Blvd. Arlington, Virginia 22209.

Select a level spot for the installation of the unit. Install as near to the flue or chimney as possible and install the vent pipe with a minimum number of elbows. It is also recommended that if possible, the unit be centralized with relation to the distribution system.

LOCATION OF THERMOSTAT

Thermostat should be mounted 4 to 5 feet above the floor, on an inside wall of the living room, dining room, or a hallway that has good air circulation from the other rooms being controlled by the thermostat. It is essential that there be free circulation of air at this location, of the same average temperature as other rooms being controlled. Movement of air should not be obstructed by furniture, doors, draperies, etc. The thermostat should not be mounted where it will be affected by drafts, hot or cold water pipes or air ducts in walls, radiant heat from a fireplace, lamps, the sun, T.V., etc., or on an outside wall. Consult Instruction Sheet packed with thermostat for mounting instructions.

RECOMMENDED CLEARANCE GUIDE

(Dimensions shown in inches are the minimum clearances to combustible materials for which the furnace design has been certified.)

INPUT BTU/HR.	FRONT	REAR	SIDES	TOP	VENT CONNECTION	VENT DAMPER	FURNACE FLUE PIPE SIZE	COMBUSTIBLE FLOOR**
50,000	6†	0	2††	1	6*	6	4 Dia.	0
75,000	6†	0	1††	1	6*	6	4 Dia.	0
100,000	6†	0	0	1	6*	6	5 Dia.	0
125,000	6	0	0	1	6*	6	5 Dia.	0
150,000	6	0	0	1	6*	6	6 Dia.	0
175,000	6	0	0	1	6*	6	6 Dia.	0
200,000	6	0	0	1	6*	6	7 Dia.	0

† May be 3 inches to metal louvered door(s) when listed Type B-1 Vent is used.

†† May be 0 inches when listed Type B-1 Vent is used, except when optional listed vent damper is supplied.

* May be 1 inch when listed Type B-1 Vent is used. When optional Vent Damper is supplied, a 6 inch clearance to Vent Damper is required.

** Shall not be installed directly on carpeting, tile or other combustible materials, other than wood flooring.

ACCESSIBILITY CLEARANCES

All servicing and cleaning of these units can be done from the front, and a minimum of 36" horizontal clearance should be allowed. If necessary, these units can be installed at the clearances listed below. However, if access is required to some other piece of equipment, a minimum of 18" should be allowed for passage.

In a closet or utility room installation, the door must be large enough to allow replacement of the unit if necessary or to permit replacement of any other appliance within the confined space. A minimum of 36" clearance should be allowed at the front of the unit for servicing and cleaning when the closet door is open.

In addition adequate clearances must be provided around air openings into the combustion chamber. The furnace should not be installed directly on carpeting, tile or other combustible materials other than wood flooring.

If the furnace is installed in a residential garage the unit must be installed so that the burners and the ignition source are located not less than 18 (457 mm) inches above the floor. The unit must also be protected to avoid physical damage by vehicles.

THE ACCESSIBILITY CLEARANCES MUST TAKE PRECEDENCE OVER FIRE PROTECTION CLEARANCES.

PROVISIONS FOR COMBUSTION AIR AND VENTILATION

In a closet or utility room installation, it will be necessary to provide combustion and ventilation air from an area of adequate air supply. In open basements of normal con-

TABLE 1

Maximum capacity of pipe in cubic feet of gas per hour for gas pressures of 0.5 PSIG or less and a pressure drop of 0.5 inch water column (based on 0.60 Specific Gravity gas)

Nominal Iron Pipe Size Inch	Internal Diameter Inches	LENGTH OF PIPE, FEET													
		10	20	30	40	50	60	70	80	90	100	125	150	175	200
3/8	.493	95	65	52	45	40	36	33	31	29	27	24	22	20	19
1/2	.622	175	120	97	82	73	66	61	57	53	50	44	40	37	35
3/4	.824	360	250	200	170	151	138	125	118	110	103	93	84	77	72
1	1.049	680	465	375	320	285	260	240	220	205	195	175	160	145	135
1 1/4	1.380	1,400	950	770	660	580	530	490	460	430	400	360	325	300	280
1 1/2	1.610	2,100	1,460	1,180	990	900	810	750	690	650	620	550	500	460	430

TABLE 2

Multipliers to be used when Specific Gravity is Other than 0.60

Spec. Grav.	Mult.	Spec. Grav.	Mult.	Spec. Grav.	Mult.	Spec. Grav.	Mult.
.35	1.31	.65	.962	1.00	.775	1.60	.612
.40	1.23	.70	.926	1.10	.740	1.70	.594
.45	1.16	.75	.895	1.20	.707	1.80	.577
.50	1.10	.80	.867	1.30	.680	1.90	.565
.55	1.04	.85	.841	1.40	.655	2.00	.547
.60	1.00	.90	.817	1.50	.633	2.10	.535

TABLE 3

Capacity of Semi-Rigid Tubing in 1000 BTU Per Hour of Undiluted Liquefied Petroleum Gases of 0.50 Pressure Drop

Outside Dia. Inches	Length of Tubing (Feet)									
	10	20	30	40	50	60	70	80	90	100
3/8	39	26	21	19	—	—	—	—	—	—
1/2	92	62	50	41	37	35	31	29	27	26
5/8	199	131	107	90	79	72	67	62	59	55
3/4	329	218	181	145	131	121	112	104	95	90
7/8	501	346	277	233	198	187	164	155	146	138

NOTES

1. Allowance has been made for an average number of fittings.
2. When using a gas with a specific gravity other than 0.60, multiply the capacity by the factor given in Table 2.
3. To convert BTU input per hour to cubic feet per hour, divide BTU per hour by the heating value of the gas to be used. This can be obtained from your local utility.
4. Piping systems of semi-rigid tubing (Table 3) that are to be supplied with gas of a specific gravity of 1.53 or less can be sized directly from Table 3 unless the authority having jurisdiction specifies that a gravity factor be applied. When the specific gravity of the gas is greater than 1.53, the gravity factor shall be applied.

Section III — FINAL ADJUSTMENTS

TEMPERATURE RISE

The furnace installation is to be adjusted to obtain a temperature rise within the range specified on the rating plate.

PRESSURE REGULATOR ADJUSTMENT

A pressure tap has been provided on the gas valve. Attach a pressure gauge to this tap and check the pressure. The pressure should be set as indicated on the rating plate. (If the pressure tap is not readily accessible on the gas valve, a pressure tap has been added to the gas manifold immediately before the first burner orifice. After use, replace securely the 1/4 inch pipe plug.)

To adjust the pressure regulator, remove the cap covering

screw out to decrease the pressure and in to increase the pressure. After the pressure regulator has been adjusted to its proper value, check the input by the following formula:

INPUT IN BTU/HR =

$$\frac{\text{Heating value of gas in BTU-Per-CU. ft.} \times 3600 \times \text{CU. Ft. gas measured}}{\text{Time in seconds for CU. ft. of gas measured}}$$

If the input does not correspond to that shown on the rating plate, adjust the input with the regulator screw of the pressure regulator until the rating plate input is obtained. The pressure in the manifold should not vary more than plus or minus 0.3 inches of water column from the specified. Any necessary meter change should be made.

FURNACE CLEANING

This heating system, like anything mechanical, will give the best comfort performance when it is properly adjusted, correctly operated, and given regular careful maintenance. Because the modern heating plant is so automatic in operation, the modern owner has a tendency to forget it is in his home. The furnace will require occasional inspection, adjustment, and cleaning in order to enable it to provide year after year of indoor comfort at minimum operation expense. This inspection should be performed at the beginning of the heating season.

HEAT EXCHANGER AND BURNER CLEANING PROCEDURE:

When it is found necessary to clean the inside of the heat exchanger, proceed as follows:

1. Disconnect power source to the unit.
2. Remove louver panel from the unit and set aside.
3. Turn gas supply "off" at the gas valve. Allow a few minutes for unit to cool down.
4. Remove two (2) screws holding the secondary air shield in place and set aside. Then remove air shield.
5. Removing the standing pilot:
 - A. Disconnect the pilot tubing and thermocouple at the gas valve.
 - B. Remove (2) screws from pilot bracket and remove pilot assembly from pouch.
- Removing the intermittent ignition pilot:
 - A. Disconnect pilot tubing at gas valve.
 - B. Remove (2) screws from pilot bracket and remove pilot assembly from pouch.
6. Remove all the burners from the unit. This is accomplished by pulling back on the burner so that it compresses the spring that is located between the manifold and burner. Tilt the burner up into the heat exchanger tube. Then slide burner off the orifice and remove from the unit. See Figure 6.

After each burner has been taken from the unit, tap the end of the burner with the primary air shutter attached, lightly on the ground, thereby removing any residue from inside the burner. Then run the vacuum hose across the top of the burner thereby removing any foreign material that might be lodged between the port.

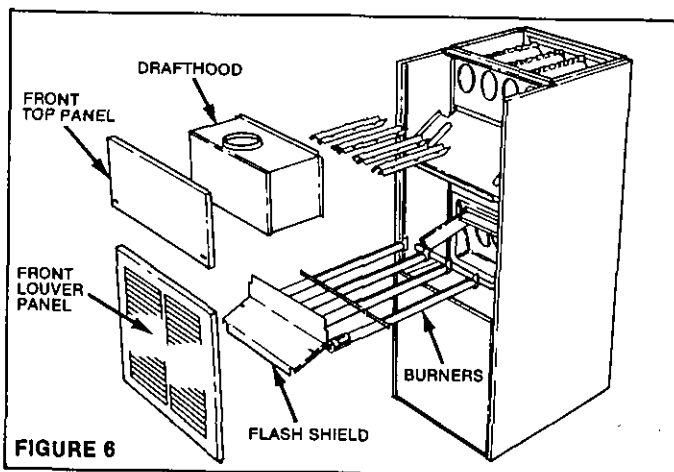


FIGURE 6

7. Next, remove the screws that secure the drafthood. Pull the drafthood free, taking care not to bend or kink any part of the drafthood in as much as the black mastic used as a seal may have hardened.
8. Begin by cleaning the upper part of the heat exchanger with a stiff bristled brush taking care not to change location of baffles in the tubes. After each opening at the top of the heat exchanger is brushed, repeat operation at the bottom. Use a front to back motion with the brush. After each section has been brushed, use a vacuum with a long hose to pick up residue that falls to the bottom of each section. See Figure 7.
9. To reassemble the unit, reverse the above procedure.

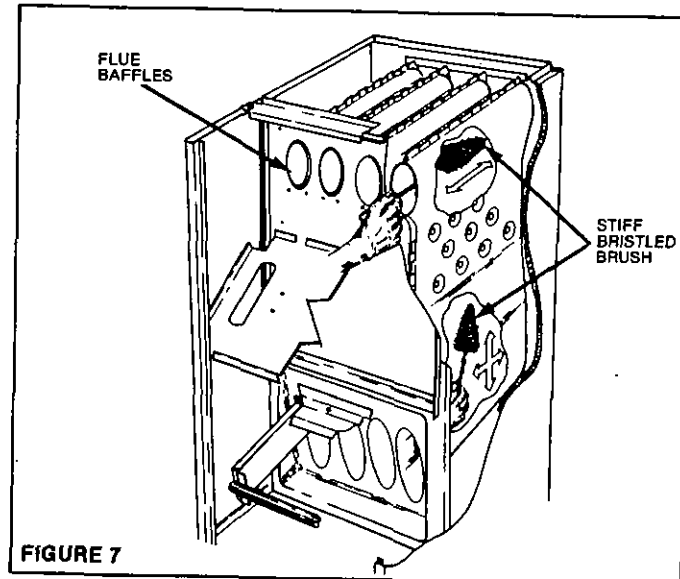


FIGURE 7

BALANCING THE SYSTEM

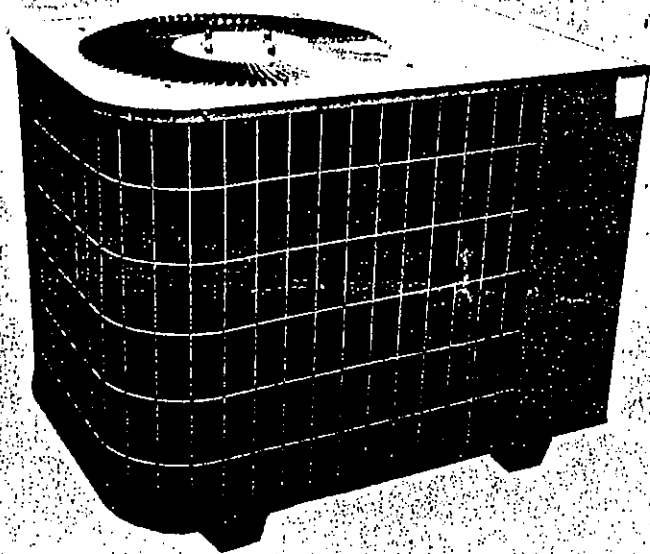
There is one adjustment of your heating system that you are in a position to do more satisfactorily than anyone else. This is the balancing of the system to provide equal comfort in every room. Best balancing is done on a typical cold day. Proceed as follows:

1. Be sure that dampers or valves in pipes or register are wide open in all runs to the room or rooms that seem a little cool.
2. It is best to do this balancing in the evening after sundown.
3. The room thermostat should be left at one setting for several hours before you attempt to do any balancing.
4. Check the temperature in all rooms, you can do this with a thermometer.
5. In the room or rooms that are too warm, turn down the register valve.
6. Wait several hours until room comfort balances out at this new setting and then recheck temperature.
7. By doing the adjusting a little at a time, you will accomplish the temperature balance you want. After a pipe damper or register valve has been adjusted it takes time for the temperature to conform with the new setting. By adjusting a little at a time, you will soon accomplish better system balance than can be done by anyone else who does not live in the house.



10+ SEER SPLIT SYSTEM HIGH EFFICIENCY AIR CONDITIONING 1 1/2 thru 6 ton

"CE" SERIES



Super high efficiency is the watch word for this 10+ SEER JANITROL Air Conditioner. With high SEER ratings, the condenser runs more efficiently giving you more comfort for less cost. While shorter running time costs you less to operate, high efficiency air conditioning in the past

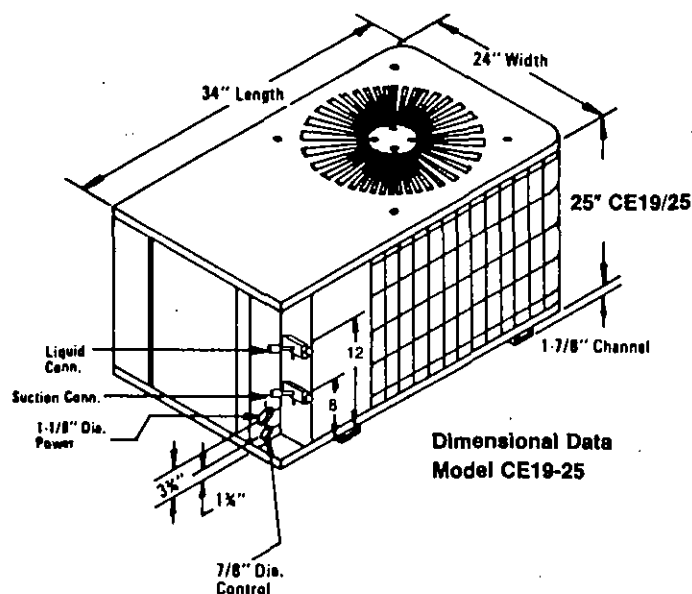
has cost more to install. Not so with the "CE" series. This heavy gauge zinc clad condenser is appointed with a baked enamel sandstone finish with a 500 hr. salt spray approval. Heavy duty, attractive and very very quiet, this unit is designed to provide you with comfort for less money.

Invest in quality:

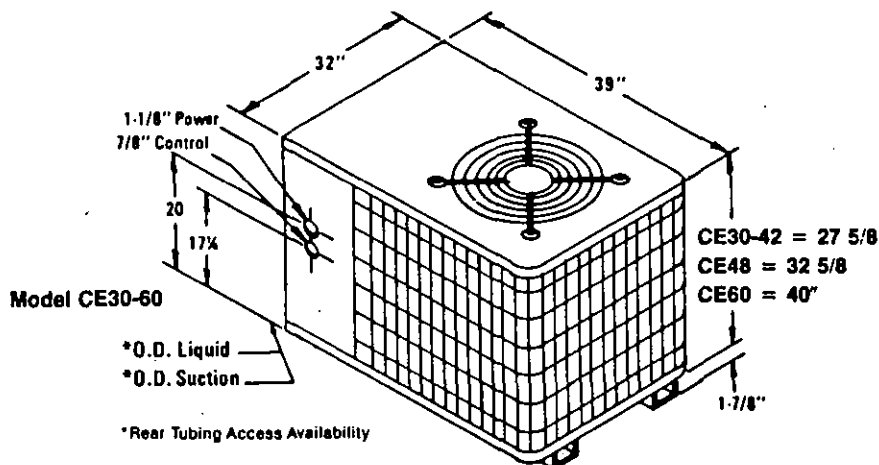
JANITROL SUPER HIGH EFFICIENCY AIR CONDITIONING

Physical Data

Model	Condenser Fan Dia. In.	Fan RPM	Liquid	Suction	Type	Approx. Shipping Wt.
CE19-1	18	1080	3/8"	3/8"	Sweat	153
CE25-1A	18	1080	3/8"	3/8"	Sweat	163
CE30-1A	22	1080	3/8"	3/8"	Sweat	225
CE36-1A	22	1080	3/8"	7/8"	Sweat	230
CE42-1	22	1080	3/8"	7/8"	Sweat	235
CE48-1	22	1080	3/8"	7/8"	Sweat	250
CE60-1	22	1080	3/8"	7/8"	Sweat	275



Dimensional Data
Model CE19-25



Electrical Data

Model	Volts	Phase	ELECTRICAL SUPPLY REQUIRED			
			Wire Ampacity	Maximum Overcurrent Protection	Minimum Volts	Maximum Volts
CE19-1C	208/230	1	11.9	20	197	253
CE25-1AC	208/230	1	14.9	25	197	253
CE30-1AC	208/230	1	18.7	30	197	253
CE36-1AC	208/230	1	18.9	30	197	253
CE42-1C	208/230	1	24.2	40	197	253
CE48-1C	208/230	1	28.7	50	197	253
CE60-1C	208/230	1	31.6	50	197	253

B-Bristol Compressor

Performance Ratings

Condenser Model	Evaporator Model	Total BTUH	Sensible BTUH	SEER	Sound Rating SELS
CE19-1	A18-XX	17800	13300	9.70	8.0
	EF18-XX + UDC18-30	18000	13600	10.00	
	U18/UC18	18000	13600	9.70	
	H24	18000	13600	10.00	
	U24/UC24	18600	14500	10.10	
	UDC18-30	18600	14500	10.10	
CE25-1A	A24-XX	18800	14500	10.00	8.0
	H24	23000	17200	9.50	
	U24/UC24	23000	17200	9.60	
	A24-XX	23000	17200	9.60	
	EF24-XX + UDC18-30	24000	18400	10.00	
	UDC18-30	24000	18400	10.00	
CE30-1A	U30/UC30	24000	18400	10.00	8.0
	HE31	24000	18400	10.00	
	A30-XX	24000	18400	10.00	
	UE31/UE31	24000	18400	10.00	
	A30-XX	29200	21600	10.00	
	EF30-XX + UDC18-30	29200	21600	10.00	
CE36-1A	U36/UC36	29200	21600	10.00	8.0
	UDC18-30	29200	21600	10.00	
	H36	29600	22000	10.00	
	HE31	29600	22000	10.10	
	A36-XX	30000	22800	10.10	
	EF36-XX + UDC36	30000	22800	10.10	
CE42-1	U42/UC42	30000	22800	10.10	8.0
	UDC36	30000	22800	10.10	
	U36/UC36	30000	22800	10.10	
	UE31/UE31	30000	22800	10.10	
	UE37/UE37	30800	24000	10.30	
	HE37	30800	24000	10.30	
CE48-1	A48-XX	34000	25800	10.30	8.0
	EF48-XX + UDC36	34000	25800	10.30	
	H36	33600	25200	10.00	
	UDC36	34000	25800	10.30	
	U36/UC36	34000	25800	10.30	
	A43-XX	34600	26300	10.50	
CE60-1	U43/UC43	35000	27300	10.50	8.4
	HE37	35200	27400	10.60	
	UE37/UE37	35200	27400	10.60	
	A43-XX	39000	28800	10.00	
	EF43-XX + UDC48-60	39000	28800	10.00	
	U43/UC43	39500	29200	10.10	
CE30-42 = 27 5/8 CE48 = 32 5/8 CE60 = 40"	A48-XX	40000	30800	10.00	8.2
	H48	40000	30800	10.10	
	U48/UC48	40500	31200	10.20	
	UDC48-60	40500	31200	10.20	
	UE49/UE49	41000	32400	10.30	
	HE49	41000	32400	10.50	
CE30-42 = 27 5/8 CE48 = 32 5/8 CE60 = 40"	A43-XX	43000	30100	9.50	8.2
	U43/UC43	43500	30400	9.60	
	EF48-XX + UDC48-60	46000	33600	10.00	
	U48/UC48	46000	33600	10.05	
	H48	46000	33600	10.05	
	A48-XX	46000	33600	10.00	
CE30-42 = 27 5/8 CE48 = 32 5/8 CE60 = 40"	UDC48-60	46500	35800	10.10	8.4
	U60/UC60	48500	35800	10.10	
	UE49/UE49	46500	35800	10.20	
	HE49	47000	37000	10.20	
	A60-XX	52000	38000	10.00	
	U60/UC60	52000	38000	10.00	
CE30-42 = 27 5/8 CE48 = 32 5/8 CE60 = 40"	EF60-XX + UDC48-60	52000	38000	10.00	8.4
	UDC48-60	52000	38000	10.00	
	H60	52500	38500	10.00	
	UE61/UE61	52500	39000	10.00	
	HE61	54500	42000	10.10	

NOTE: XX of A Models Designate Electric Heat Quantity
See A Series Specifications For Electric Heat Offerings

DUE TO CONSTANT IMPROVEMENTS, WE RESERVE THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

AUTHORIZED TECHNICIAN:

TANK ABATEMENT OR
ASBESTOS ABATEMENT NOTIFICATION

Date: 6-21-99

Project: oil tank removal
Street: 1587 Forge Pond Rd.
Town: Brick NJ 08741

Contractor: Self License No. _____

Address: above

A.S.C.M.: _____ License No. _____

Address: _____

OSHA AIR MONITOR: _____

Address: _____

BUILDING OWNER: Diana Brand-Palmer

Street: 1587 Forge Pond Rd
Town: Brick NJ 08742
Phone: 732-836-0565 County: Ocean Zip 08742

Engineer/Architect: _____

Street: _____

Town: _____

Phone: _____ County _____ Zip _____

Waste Hauler: Self license No. _____

Address: _____

Land Fill: Ocean County landfill
Town: _____

Job Size: (Circle one) Minor Small Large

Quantity of Waste Generated:
(All applicable)

Cu. Yds _____
Linear Footage: _____
Square Footage: _____

Proposed Start Date: 7-22-99 Proposed Finish Date: 8-22-99

Cost of work: \$ _____

Construction permit number: _____ Date issued: _____

OS43A

1-19-89

DUCANE AIR CONDITIONERS

FEATURES

- Durable *Copeland* compressors, with internal pressure relief valves and inherent thermal protection
- High quality Ducane made condenser coil-copper tube with enhanced louvered fin for maximum heat transfer capability
- Permanently lubricated condenser fan motor
- Vertical air discharge
- All units run tested
- Heavy gauge, beige pre-painted cabinet provides corrosion protection
- Easy access to electrical panels, pre-wired for easy hook-up
- Hinged control panel allows simple access to internal components
- Service valve gauge ports positioned to allow plenty of access room
- Warranties: 5 year parts; 5 year compressor
- Liquid line filter drier shipped with every unit
- All units ETL, ETLIC approved and ARI listed
- Charged for 15 feet of interconnecting tubing

UNIT DIMENSIONS

MODEL NUMBER	SQUARE BASE (INCHES)	HEIGHT (INCHES)
AC10B18	22 1/2 x 22 1/2	23 1/2
AC10B24	22 1/2 x 22 1/2	23 1/2
AC10B30	22 1/2 x 22 1/2	27 1/2
AC10B36, AC10B36-3*	22 1/2 x 22 1/2	27 1/2
AC10B42	30 x 30	23 1/2
AC10B48, AC10B48-3*	30 x 30	27 1/2
AC10B60, AC10B60-3*	30 x 30	27 1/2

*208/230 3 Phase

AC10 AIR CONDITIONER

Ducane®

AIR CONDITIONING AND HEATING

THE DIFFERENCE IS QUALITY.™

OUTDOOR UNIT	INDOOR SECTION	AIRFLOW (SCFM)	NET CAPACITY (BTUH/HR)	SEER (BTUH/WATT)
AC10B18	DUP18AA	600	18,000	10.00
AC10B24	DUP24AA	800	24,000	10.00
AC10B30	DUP30AA	1000	29,400	10.00
AC10B36, 36-3	DUP36BA	1200	34,000	10.00
AC10B42	DUP42BA	1400	40,000	10.20
AC10B48, 48-3	DUP48CA	1650	45,500	10.00
AC10B60, 60-3	DUP60CA	1850	57,000	10.00



DUANE AIR CONDITIONERS

AC10B30

MODEL NUMBER		AC10B18	AC10B24	AC10B30	AC10B36, 36-3		AC10B42	AC10B48, 48-3	AC10B60, 60-3			
PHYSICAL DATA												
Physical Data	Face Area (ft²)	8.19		9.83		12.36		14.83				
	Tube / Fin Material	Cu / Al										
	Tube Diameter (in.)	3/8										
	No. of rows	1										
	Fins per inch	16	22				20	22				
	Diameter (in.)	18					22					
	No. of blades	3										
	RPM	1100										
	Motor HP	1/10				1/4						
	Liquid Line Connection (in.)	3/8										
Piping	Vapor Line Size Required (in.)	5/8		3/4		7/8		1-1/8				
	Vapor Line Connection (in.)	5/8		3/4		7/8						
	ELECTRICAL DATA											
Electrical Data	Rated Voltage (Volts)	208/230										
	Phase			1	3	1	1	3	1	3		
	Frequency (Hz)	60										
Electrical Data	Rated Load Amps	9.6	10.9	15.3	16.6	11.4	19.0	20.4	14.0	28.6	17.2	
	Locked Rotor Amps	49	56	75	96	75	105	102	91	170	12.4	
Electrical Data	Full Load Amps	0.75				1.45						
	Locked Rotor Amps	1.4				3.8						
Electrical Data	Max. Fuse Size*	20	25	30	35	25	40	45	30	60	40	
	Min. Circuit Ampacity**	12.8	14.4	20.4	22	15.9	25.2	26.9	18.9	37.2	22.9	

* Time delay fuse/HACR Breaker

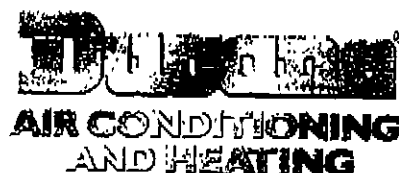
** Refer to national Electrical Code (or Canadian Electrical Code) to determine wire size, fuse and disconnect size requirements

NOTE: Three phase data not available at press time.

ACCESSORIES

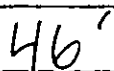
Unit Size	18	24	30	36	36-3	42	48	48-3	60	60-3
High Pressure Switch	HPS01A									
Low Pressure Switch	LPS01A									
Short Cycle Protection	SCP01A									
Hard Start Kit	HSK01A	HSK02		HSK03			HSK04	HSK05		HSK08
Crankcase Heater	CCH01A					CCH01A				CCH02
Sound Blanket	CSB02A								CSB02A	
Low Ambient Kit	LAK01A									

Shading means not available or factory installed.



www.ducane.com

For more information, contact your local Ducane distributor.



Gas Piping

1587 FORGE AND RD.

Plan Review
Zoning
Plumbing
Building
Fire
Energy
Electrical

BRICK TOWNSHIP
Class
Date
By

update 99-2593 +A

Township of Brick

Counter Form
(PLEASE PRINT)

Site Location: 1587 Forge Pond Rd.
Block: 820 Lot: 18
Owner's Name: Diana Brand-Palmer
Owner's Mailing Address: Same
Phone: [REDACTED]

BUILDING

ELECTRICAL

Contractor: _____
Address: _____
Phone#: _____
Lis # _____
Federal Emp # or SSN _____

Contractor: [Signature]
Address: _____
Phone#: _____
Lis #: _____
Federal Emp # or SSN _____

Technical Data

Description of Work:

Technical Data

Item	Quantity
Lighting Fixtures	_____
Receptacles	_____
Switches	_____
Detectors	_____
Light Poles	_____
Motors w/ Fract. HP	_____
Emergency & Exit Lights	_____
Communication Points	_____
Alarm Devices/FAC Panel	_____
Total	_____

Type of Work

☐ New Building	☐ Siding
☐ Addition	☐ Fence
☐ Alteration	☐ Pool
☐ Roofing	☐ Demolition
☐ Asbestos Abatement	☐ Sign _____ sq ft
☐ Fireplace wd/gas	

Building Characteristics

Use Group Present: _____ Proposed: _____
No of Stories: _____
Height of Structure: _____
Area of the largest floor: _____
Area of New Structure: _____
Volume of New Structure: _____
Total Land Disturbed: _____
Cost of Alteration: \$ _____
Cost of New Building: \$ _____
Cost of Site Work \$ _____

Total Cost of New Building Work: \$ _____

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

Signature: _____

Please Print Name _____

Pool (Receptacles, Switches, Lights, Motor 1HP) _____
Spa/Hot Tub/Storable Pool _____
Electric Range _____ KW
Oven/Surface Unit _____ KW
Electric Water Heater _____ KW
Electric Dryer _____ KW
Dishwasher _____ KW
Garbage Disposal _____ HP
A/C Unit -Central Air _____ / _____ KW
Space Heater/Air Handler _____ KW
Baseboard Heating _____ KW
Motors 1+ HP _____
Transformer/Generator _____ KW
Light Stander _____ AMP
Service _____ AMP
Subpanel _____ AMP
Motor Control Center _____ AMP
Sign/Outline Light _____ KW
Furnace _____
Steam Boiler _____
Other: _____

Estimated Cost of Electrical Work: \$ 50 -

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

Signature: [Signature]

Please Print Name Diana L. Brand

CONTRACTOR'S SEAL

Counter Form
PLEASE PRINT

PLUMBING

FIRE

Contractor: _____
Address: _____
Phone #: _____
Lis #: _____
Federal Emp # or SSN _____

Fixtures
Quantity

Technical Data

Water Closets (Toilet) _____
Urinals/Bidets _____
Bath Tub (w/or w/out shower head) _____
Lavatory (BR Sink) _____
Shower _____
Floor Drain _____
Sink _____
Dishwasher _____
Drinking Fountain _____
Washing Machine _____
Hose Bib _____
Gas Piping _____
Fuel Oil Piping _____
Water Heater _____
Steam Boiler _____
Hot Water Boiler _____
Sewer Pump _____
Interceptor/Separator _____
Backflow Preventer _____
GreaseTrap _____
Air Conditioner (Condensate Drain) _____
Septic Tank Closure _____
Sewer Service Connection _____
Water Service Connection _____
Active Solar System _____
Auxiliary Meter _____
Sprinkler Heads _____
Sump Pump _____
Pool Heater _____
Other: _____

Estimated Cost of Plumbing Work \$150

I hereby certify that I am the agent/owner of record and am authorized to make this application and perform the work listed on this application.
Signature: _____
Please Print Name: Diana L Brand

CONTRACTOR'S SEAL

Contractor: _____
Address: _____
Phone #: _____
Lis #: _____
Federal Emp # or SSN _____

Technical Data

Description of Work:

Heating Type: Gas Oil Electric Solar
Heating System is _____
Location of Furnace/Boiler: _____
Water Supply Source _____
Method of Valve Supervision _____
Local Alarm Supervision _____
Central Supervision: _____
Proprietary Supervision: _____
Flammable Storage Tanks capacity fuel
Combustible Storage Tanks capacity fuel
LPG Storage Tanks capacity fuel

Wet Sprinkler Heads _____
Dry Sprinkler Heads _____
Total _____
Smoke Detectors _____
Heat Detectors _____
Total _____
Stand Pipes _____
Kitchen Hood Exhaust System _____
Pre-Engineered Systems: _____
CO2 Suppression _____
Halon Suppression _____
Foam Suppression _____
Dry Chemical _____
Wet Chemical _____
Gas/Oil Fired Appliances: _____
Gas Stove _____
Gas Dryer _____
Furnace (Gas or Oil) _____
Gas Fireplace _____
Gas Logs _____
Total Appliances _____
Wood Burning Stove _____
Wood Fireplace _____
Other: _____

Estimated Cost of Fire Work _____

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

Signature: _____

Print Name: _____

COUNTER FORM
PLEASE PRINT

TOWNSHIP OF BRICK

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

Site Location: 1587 Forge Pond Rd Date Rec'd.:
Block: Lot: Date Issued:
Owner in Fee: Diana Brand-Palmer Control #:
Address: 1587 Forge Pond Rd Permit #:
Brick
State: NJ Zip: 08724 Phone: [REDACTED]
SS: [REDACTED] Provide only if applicant is owner

PLUMBING SUBCODE		BUILDING SUBCODE	
CONTRACTOR: SELF		CONTRACTOR:	
ADDRESS: 1587 Forge Pond Rd Brick, NJ 08724		ADDRESS:	
PHONE: [REDACTED]		PHONE: N/A	
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	<i>existing ducts & chimney for A/C</i>	
	Urinal / Bidet		
	Bath Tub		
	Lavatory		
	Shower		
	Floor Drain		
	Sink		
	Dishwasher		
	Drinking Fountain		
	Washing Machine		
	Hose Bibb		
1	Gas Piping		
	Fuel Oil Piping		
1	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		
1	Gas Service Connection <i>gas</i>		
	Active Solar System <i>sump</i>		
	Vent Through Roof		
	Other		
Estimated Cost of Plumbing Work: \$ 1,500		TYPE OF WORK	
Signature: <i>Diana Brand-Palmer</i>		☐ New Building	
Owner ☒ Contractor ☐		☐ Addition ☐ Fence: Height (6' or More)	
SUBCODE APPROVAL:		☐ Alteration ☐ Sign: Sq. Ft.	
PLANS: Required ☐ Approved ☐		☐ Roofing ☐ Pool (In Ground)	
Approved by:		☐ Siding ☐ Pool (Above Ground)	
Date:		☐ Other: ☐ Asbestos Abatement	
CONTRACTOR AFFIX SEAL:		☐ 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: <i>Diana Brand-Palmer</i>	
		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: Self
ADDRESS: _____
PHONE: _____
LIC. #: _____ EXP. DATE: _____
FEDERAL EMPL. # (or S.S. #): _____

CONTRACTOR: Self
ADDRESS: _____
PHONE: _____
LIC. #: _____ EXP. DATE: _____
FEDERAL EMPL. # (or S.S. #): _____

TECHNICAL DATA (LIST ALL FIXTURES)

DESCRIPTION	QTY	SIZE
ITEMS		
Lighting Fixtures		
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	
Storable Pool/Spa/Hot Tub	
KW Elec. Range / Receptacle	KW
KW Oven / Surface Unit	KW
KW Elec. Water Heater	KW
KW Elec. Dryer / Receptacle	KW
KW Dishwasher	KW
HP Garbage Disposal	HP
KW Central A/C Unit	KW
HP/KW Space Heater/Air Handler	HP/KW
KW Baseboard Heat	KW
HP Motors 1/+ HP	HP
KW Transformer/Generator	KW
AMP Service	200 AMP
AMP Subpanels	AMP
AMP Motor Control Center	AMP
AMP Elec. Sign/Outline Light	KW
Other	
Other	
Other	
Other	

Estimated Cost of Electrical Work: \$

Signature (print name):

Estimated Cost of Electrical Work: \$

Signature (print name): David Palmer
Owner ☒ Contractor ☐

SUBCODE APPROVAL:

PLANS: Required ☐ Approved ☐

Approved by:

Date:

CONTRACTOR AFFIX SEAL:

TECHNICAL DATA (DESCRIPTION OF WORK)

Heating Type: ☒ Gas ☐ Oil ☐ Electric ☐ Solar
Heating Sys: ☐ New ☒ Existing
Location of Furnace / Boiler Basement

Water Supply Source		
Method of Valve Supervision		
Local Alarm Supervision		
Central Supervision		
Proprietary Supervision		
Flammable Liquid Storage Tanks	Capacity:	Fuel:
Combustible Liquid Storage Tanks	Capacity:	Fuel:
L.G.P. Storage Tanks	Capacity:	Fuel:

DESCRIPTION	NUMBER
Wet Sprinkler Heads	
Dry Sprinkler Heads	
Total	
Smoke Detectors	
Heat Detectors	
Total	
Stand Pipes	
Kitchen Hood Exhaust Systems	

Pre-Engineered Systems

Co2 Suppression

Halon Suppression

Foam Suppression

Dry Chemical

Wet Chemical

Gas or Oil Fired Appliance 1 Furnace

Other ☒ Tank Removal

Other

Estimated Cost of Fire Protection Work: \$

Signature: David Palmer
Owner ☒ Contractor ☐

SUBCODE APPROVAL:

PLANS: Required ☐ Approved ☐

Approved by: