BLOCK 646.07 LOT 60.06 QUALIFICATION CODE C08-60 ADDRESS (SITE) 619 IVANHOE RD PERMIT NO. 02-4717

# CONSTRUCTION PERMIT APPLICATION

Called 12/11

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

## I. IDENTIFICATION

1. Proposed Work Site at: 619 IVANHOE RD
2. Name of Owner in Fee: PSD CORPORATION Tel. (732) 477-8200
   Address PO BOX 4158 BRICK N.J 08723 (street / municipality / zip code)
3. Ownership in Fee: Public ____ Private X
4. Principal Contractor: PSD CORPORATION Tel. (732) 477-8200
   Address PO BOX 4158 BRICK N.J. 08723
   License No. OR, if new home, Builder Reg. No. 023218 Exp. Date 4/30/04
   Federal Employee No. 22-2217981 FAX: (732) 262-1580
5. Architect or Engineer MICHAEL A TROTTA Tel. (609) 693-3392
   Address 1801 RAVINE DR FORKED RIVER NJ 08731
6. Responsible Person in Charge of Work DON BERTRAND
   Tel. (732) 477-8200 FAX (732) 262-1580

NO ans. No MSG.

SFD W/OP

## V. FEE SUMMARY (for office use only)

| | | | Update | Update |
|---|---|---|---|---|
| 1. Building | $ | 618 | 35 | |
| 2. Electrical | | 122 | | |
| 3. Plumbing | | 225 | 25 | |
| 4. Fire Protection | | 173 | 46 | |
| 5. Elevator Devices | | 28 | | |
| 6. Subtotal | $ | | | |
| 7. Less 20% for State Plan Review | | | | |
| 8. Subtotal | $ | | | |
| 9. DCA Training Fee | | 4 | | |
| 10. Subtotal | | | | |
| 11. Cert. of Occupancy | | 111 | | |
| 12. Other | | 130 | | |
| 13. TOTAL | $ | 1354 | | |

fees

## VI. BUILDING/SITE CHARACTERISTICS

| | | (office use only) |
|---|---|---|
| 1. Number of Stories | 2 | |
| 2. Height of Structure | 23 ft. | |
| 3. Area — Largest Floor | 980 sq. ft. | |
| 4. New Building Area | 1676 sq. ft. | |
| 5. Volume of New Structure | 24,720 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 | | |

1 PLUMBING FEE - RESIDENTIAL 1 PLUMBING FEE - COMMERCIAL A.H.B.T. - MANDATORY

## II. PROPOSED WORK

| | Est. Cost | Plans Rec'd | Date Rec'd | Rejection Date | Approval Date | Re-viewer | Resubmission Dates Approval | Resubmission Dates Rejection | Re-viewer |
|---|---|---|---|---|---|---|---|---|---|
| 1. ☐ Minor Work | | | | | | | | | |
| 2. ☒ New Building | 70,150 | | 11/4/02 | | 12-10-02 | | | | |
| 3. ☐ Addition | | | | | | | | | |
| 4. ☐ Alteration | | | | | | | | | |
| 5. ☒ Fire Protection | 1250 | | | | 12-3-02 | | | | |
| 6. ☒ Plumbing | 4,000 | | | 12-5-02 | 12-5-02 | | | | |
| 7. ☒ Electrical | 4,000 | | | | 11/27/02 | | 7-1-03 | | |
| 8. ☐ Elevator Devices | | | | | | | | | |
| 9. ☐ Asbestos Abat. Subch. 8 | | | | | | | | | |
| 10. ☐ Lead Hazard Abatement | | | | | | | | | |
| 11. ☐ Demolition | | | 11/19/02 | | 11/19/02 | | | | |
| TOTAL COSTS | 78,500 | | | | | | | | |

OPTIONAL (for office use only)

## 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
2. ☐ High Pressure Boilers
3. ☐ Pressure Vessels
4. ☐ Refrigeration Systems
5. ☐ Cross-Connections/Backflow Preventers
6. ☐ Hazardous Uses/Places of Assembly
7. ☐ Sprinklers
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 10401385

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 | _____ | Other | _____ |
| 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. _____ | _____ | _____ | _____ | _____ |

**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 11/4/02

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.

(X) Check if contractor.

Agent Name PSD CORPORATION

Address PO BOX 4158 BRICK N.J 08723

Telephone (732) 477-8200

Signature _____ PRESIDENT PSD CORP

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

Certificate of Occupancy Single Family Dwelling

Address 619 Ivanhoe Rd Block 646.01 Lot 60.04

Final Inspections:

1. Final Building
2. Final Electric
3. Final Plumbing
4. Final Fire
5. Certificate of Compliance
6. Final Engineering
7. Final Ocean County Soil
8. Home Owners Warranty/Affidavit

Report of compliance from Ocean County Soils is needed when more than 5000 sq. ft. are disturbed, always when more than 1 house is constructed (Major/Minor Subdivisions).

Building 7/23 Approval Date 7/24/03 OK

Plumbing failed 7/15 Approval Date 7/21/03 OK

Fire 7/16 failed Approval Date OK as per Don

Electrical _____ Approval Date 7/11 OK

Cert. Of Compliance ✓ Approval Date 7/18 ok

HOW/ Affidavit ✓ Approval Date RWC 140564

Engineering ✓ Approval Date final 7/22

Soil _____ Approval Date Ok -

Affordable Housing ✓ Approval Date ~~low need pw~~ 7/21/3 OK

Occupancy Load _____ Approval Date n/a

Garbage Can Receipt ✓ Approval Date 7/18 OK DC

CO Application ✓ Approval Date 7/18/OK DC

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Date Issued 07/25/2003
Control #
Permit # 02-4717

# UCC NEW JERSEY
# CERTIFICATE

## IDENTIFICATION

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
SF DWELLING
Owner in Fee/Occupant PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Telephone (732)477-8200
Contractor PSD CORP.
Address P.O. BOX 4158
OSBORNVILLE, NJ 08723-
Telephone ( ) Fax ( )
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-2217981

Home Warranty No. 140564
Type of Warranty Plan: [ ] State [X] Private
Use Group R-3
Maximum Live Load 0
Construction Classification
Maximum Occupancy Load 0
Description of Work/Use:

SF DWELLING

## [X] CERTIFICATE OF OCCUPANCY
This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

## [ ] CERTIFICATE OF CLEARANCE - LEAD ABATEMENT 5:17
This serves notice that based on written certification, lead abatement was performed as per NJAC 5:17, to the following extent:
[ ] Total removal of lead-based paint hazards in scope of work
[ ] Partial or limited time period (___ years); see file

## [ ] CERTIFICATE OF APPROVAL
This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved.
If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

## [ ] CERTIFICATE OF CONTINUED OCCUPANCY
This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

## [ ] TEMPORARY CERTIFICATE OF OCCUPANCY/COMPLIANCE
If this is a Temporary Certificate of Occupancy or Compliance, the following conditions must be met no later than _____, ___ or the owner will be subject to fine or order to vacate:

## [ ] CERTIFICATE OF COMPLIANCE
This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until _____, ___.

CONSTRUCTION OFFICIAL
U.C.C. F260 (rev. 3/96)

Fee $ 114
Paid [X] Check No. 1008
Collected by: MJR

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Date Issued 07/25/2003
Control #
Permit # 02-4717

# UCC NEW JERSEY
# CERTIFICATE

## IDENTIFICATION

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
SF DWELLING
Owner in Fee/Occupant PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Telephone (732)477-8200
Contractor PSD CORP.
Address P.O. BOX 4158
OSBORNVILLE, NJ 08723-
Telephone ( ) Fax ( )
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-2217981

Home Warranty No. 140564
Type of Warranty Plan: [ ] State [X] Private
Use Group R-3
Maximum Live Load 0
Construction Classification
Maximum Occupancy Load 0
Description of Work/Use:

SF DWELLING

**[X] CERTIFICATE OF OCCUPANCY**
This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

**[ ] CERTIFICATE OF CLEARANCE - LEAD ABATEMENT 5:17**
This serves notice that based on written certification, lead abatement was performed as per NJAC 5:17, to the following extent:
[ ] Total removal of lead-based paint hazards in scope of work
[ ] Partial or limited time period (___ years); see file

**[ ] CERTIFICATE OF APPROVAL**
This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved.
If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

**[ ] CERTIFICATE OF CONTINUED OCCUPANCY**
This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

**[ ] TEMPORARY CERTIFICATE OF OCCUPANCY/COMPLIANCE**
If this is a Temporary Certificate of Occupancy or Compliance, the following conditions must be met no later than _____, ___ or the owner will be subject to fine or order to vacate:

**[ ] CERTIFICATE OF COMPLIANCE**
This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until _____, ___.

CONSTRUCTION OFFICIAL
U.C.C. F260 (rev. 3/96)

Fee $ 114
Paid [X] Check No. 1008
Collected by: MJR

# APPLICATION FOR CERTIFICATE

NEW JERSEY UNIFORM CONSTRUCTION CODE

Permit # 02-024712
Date Issued 2/12/02
-or-
Control #
Certificate Application Received:
Certificate Issued:

## IDENTIFICATION

Work Site Location 619 Ivanhoe Rd Block 646.07 Lot 60.06 Qualification Code _____

Owner in Fee PSD Corporation
Address PoBox 4158
Brick, N.J. 08723
Tel. (732)477-8200

Contractor PSD Corporation
Address PO Box 4158 Osbornville
Brick N.J. 08723
License No. 023218 Tel. (732)477-8200
Federal Employee No. 22-2217981

## ACTION

- [x] CERTIFICATE OF OCCUPANCY
- [ ] CERTIFICATE OF CONTINUED OCCUPANCY
- [ ] LEAD HAZARD ABATEMENT CERTIFICATE OF CLEARANCE
- [ ] TEMPORARY CERTIFICATE OF OCCUPANCY

USE GROUP R-3 Previous _____ Current

**FINAL COST OF CONSTRUCTION:** $ 79,500.00

(Include value of any new structure, all on-site improvements, built-in furnishings and fixtures and all integral equipment exclusive of process or manufacturing equipment.)

Describe below any substantive deviation in dimension, lay out or appearance of the building or structure from the released plans and specifications filed with the construction permit application. Please note, a set of amended drawings may be required.

If you are requesting a Temporary Certificate of Occupancy, please explain why in the space below.

DESCRIPTION OF WORK/USE:

New construction -dwelling

I hereby attest that to the best of my knowledge, the completed project meets the conditions of the construction permit and all prior approvals, and all work has been completed substantially in accordance with the code and with those portions of the plans and specifications controlled by the code, with any substantial deviations noted. Incomplete items listed on a Temporary Certificate of Occupancy will be completed by the date on the Certificate.

SIGNED: _____
OWNER/AGENT

PSD Corporation Don Bertrand president

[x] OWNER [ ] AGENT

U.C.C. F270
(rev. 5/2003)

C3E

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Date Issued 12/12/2002
Control #
Permit # 02-4717

UCC NEW JERSEY

# CONSTRUCTION PERMITE

IDENTIFICATION Block 646.07 Lot 60.06 Qual

Work Site Location 619 IVANHOE RD
SF DWELLING
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Telephone (732)477-8200

Contractor PSD CORP.
Address P.O. BOX 4158
OSBORNVILLE, NJ 08723-
Telephone ( )
Lic. No. or Bldrs. Reg. No.
Federal Exp. No. 22-2217981

Is hereby granted permission to perform the following work:

[X] BUILDING [X] PLUMBING [ ] LEAD HAZARD ABATEMENT
[X] ELECTRICAL [X] FIRE PROTECTION [ ] DEMOLITION
[ ] ELEVATOR DEVICES [ ] ASBESTOS ABATEMENT [ ] OTHER
(Subchapter 8 only)

DESCRIPTION OF WORK:
SF DWELLING

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 $ 78,500

Construction Official — 12/12/2002 Date

U.C.C. F170 (rev. 3/96)

PAYMENTS (Office Use Only)

| | |
|---|---|
| Building | 618 |
| Electrical | 122 |
| Plumbing | 225 |
| Fire Protection | 173 |
| Elevator Devices | 0 |
| Other Trees | 25 |
| DCA State Permit Fee | 47 |
| Cert. of Occupancy | 114 |
| Other ZPA | 30 |
| Total | ~~1,299~~ 1354 |
| Check No. | 1008 |
| Cash | |
| Collected By | MJR |

12/12 2:16PM 000000M6702
MX02 SERV.002

| | |
|---|---|
| #4717 | |
| BUILDING | $618.00 |
| ELECTRIC | $122.00 |
| PLUMBING | $225.00 |
| FIRE | $173.00 |
| MISC | $25.00 |
| DCA | $47.00 |
| C/O | $114.00 |
| ZPA | $15.00 |
| EPA | $15.00 |
| CHECK | $1354.00 |

C3E

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Update Issued 07/25/2003
Control #
Permit # 02-4717+A
Permit Issued 12/12/2002

UCC NEW JERSEY

# PERMIT UPDATE

IDENTIFICATION Block 646.07 Lot 60.06 Qual

Work Site Location 619 IVANHOE RD
GAS FIREPLACE
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Telephone (732)477-8200

Contractor PSD CORP.
Address P.O. BOX 4158
OSBORNVILLE, NJ 08723-
Telephone ( )
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-2217981

Is hereby granted permission to perform the following work:

[X] BUILDING [X] PLUMBING [ ] LEAD HAZARD ABATEMENT
[ ] ELECTRICAL [X] FIRE PROTECTION [ ] DEMOLITION
[ ] ELEVATOR DEVICES [ ] ASBESTOS ABATEMENT [ ] OTHER
(Subchapter 8 only)

DESCRIPTION OF WORK:
GAS FIREPLACE

Estimated Cost of Work $ 1,500

Construction Official 07/25/2003 Date

U.C.C. F190 (rev. 3/96)

PAYMENTS (Office Use Only)

| | |
|---|---|
| Building | 35 |
| Electrical | 0 |
| Plumbing | 25 |
| Fire Protection | 46 |
| Elevator Devices | 0 |
| Other | |
| DCA State Permit Fee | 0 |
| Cert. of Occupancy | 0 |
| Other | |
| Total | 106 |
| Check No. | 1071 |
| Cash | |
| Collected By | ERP |

07/25/03 9:14AM 000000#2286
XX07 SERV.007

| | |
|---|---|
| #024717 | |
| BUILDING | $35.00 |
| PLUMBING | $25.00 |
| FIRE | $46.00 |
| CHECK | $106.00 |

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
BUILDING
SUBCODE
TECHNICAL SECTION

Date Received 11/04/2002
Date Issued 11/21/02
Control # C08-60
Permit # 02-4717

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
SF DWELLING
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor PSD CORP.
Address P.O. BOX 4158
OSBORNVILLE, NJ 08723-
Tele.(__)_____ Fax (__)
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-2217981

C. CERTIFICATION IN LIEU OF OATH

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

Signature

D. TECHNICAL SITE DATA
DESCRIPTION OF WORK S,H.W.T info on file.

SF DWELLING

As built Foundation Survey Req.

JOB SUMMARY (Office Use Only)

| PLAN REVIEW | Date | Initial |
|---|---|---|
| [ ] No Plans Req. | | |
| [X] All | 12-10-02 | FM |
| [ ] Footing | | |
| [ ] Foundation | | |
| [ ] Frame | | |
| [ ] Other | | |

Joint Plan Review Required:
[ ] Elect [ ] Plumb [ ] Fire
[ ] Elev

SUBCODE APPROVAL
[ ] CO [ ] CCO [ ] CA
Date:
Approved By:

| INSPECTIONS Type | Dates (Month/Day) Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Footing | | | | |
| Foundation | | | | |
| Slab | | | | |
| Frame | | | | |
| BarrierFree | | | | |
| Insulation | | | | |
| Finishes | | | | |
| Energy | | | | |
| Mechanical | | | | |
| TCO | | | | |
| Other | | | | |
| Final | | | | |
| BarrierFree | | | | |

B. BUILDING CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Constr. Class Present Proposed
No. of Stories 2
Height of Structure 23 Ft.
Area Largest Floor 980 Sq. Ft.
New Bldg. Area/All Floors 1,676 Sq. Ft.
Volume of New Structure 24,720 Cu. Ft.
Total Land Area Disturbed 0 Sq. Ft.

Est. Cost of Bldg. Work:
1. New Bldg. $ 70,150
2. Alteration $ 0
3. Total (1+2)$ 70,150

Industrialized Building:
[ ] State Approved
[ ] HUD

| TYPE OF WORK | FEE (Office Use Only) |
|---|---|
| [X] New Building | $ 618 |
| [ ] Addition | 0 |
| [ ] Alteration | 0 |
| [ ] Roofing | 0 |
| [ ] Siding | 0 |
| [ ] Fence 0 Height (exceeds 6') | 0 |
| [ ] Sign 0 Sq. Ft. | 0 |
| [ ] Pool | 0 |
| [ ] Asbestos Abatement Subchapter 8 | 0 |
| [ ] Lead Haz. Abatement NJAC 5:17 | 0 |
| [ ] Other | 0 |
| Other | 0 |
| [ ] Demolition | 0 |

| | |
|---|---|
| Administrative Surcharge | $ 0 |
| Paid [ ] Check # Minimum Fee | $ 0 |
| Collected by: TOTAL FEE | $ 618 |
| DCA State Permit Fee | $ 47 |

U.C.C. F110 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
BUILDING
SUBCODE
TECHNICAL SECTION

Date Received 07/18/2003
Date Issued ~~01/01/1954~~
Control #
Permit # 02-4717+A 7/24/03

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
GAS FIREPLACE
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor PSD CORP.
Address P.O. BOX 4158
OSBORNVILLE, NJ 08723-
Tele.(___) Fax (___)
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-2217981

C. CERTIFICATION IN LIEU OF OATH

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

Signature

D. TECHNICAL SITE DATA
DESCRIPTION OF WORK

GAS FIREPLACE

JOB SUMMARY (Office Use Only)

| PLAN REVIEW | Date | Initial |
|---|---|---|
| [ ] No Plans Req. | / / | |
| [X] All | 7/25/03 | X |
| [ ] Footing | / / | |
| [ ] Foundation | / / | |
| [ ] Frame | / / | |
| [ ] Other | / / | |

Joint Plan Review Required:
[ ] Elect [ ] Plumb [ ] Fire
SUBCODE APPROVAL [ ] Elev
[ ] CO [ ] CCO [ ] CA
Date:
Approved By:

| INSPECTIONS Type | Dates (Month/Day) Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Footing | | | | |
| Foundation | | | | |
| Slab | | | | |
| Frame | | | | |
| BarrierFree | | | | |
| Insulation | | | | |
| Finishes | | | | |
| Energy | | | | |
| Mechanical | | | | |
| TCO | | | | |
| Other | | | | |
| Final | | | | |
| BarrierFree | | | | |

| TYPE OF WORK | FEE (Office Use Only) |
|---|---|
| [X] New Building | $ 0 |
| [ ] Addition | 0 |
| [ ] Alteration | 0 |
| [ ] Roofing | 0 |
| [ ] Siding | 0 |
| [ ] Fence 0 Height (exceeds 6') | 0 |
| [ ] Sign 0 Sq. Ft. | 0 |
| [ ] Pool | 0 |
| [ ] Asbestos Abatement Subchapter 8 | 0 |
| [ ] Lead Haz. Abatement NJAC 5:17 | 0 |
| [ ] Other | 0 |
| Other | 0 |
| [ ] Demolition | 0 |

B. BUILDING CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Constr. Class Present Proposed
No. of Stories 0
Height of Structure 0 Ft.
Area Largest Floor 0 Sq. Ft.
New Bldg. Area/All Floors 0 Sq. Ft.
Volume of New Structure 0 Cu. Ft.
Total Land Area Disturbed 0 Sq. Ft.

Est. Cost of Bldg. Work:
1. New Bldg. $ 700
2. Alteration $ 0
3. Total (1+2)$ 700

Industrialized Building:
[ ] State Approved
[ ] HUD

| | |
|---|---|
| Administrative Surcharge | $ 0 |
| Paid [ ] Check # Minimum Fee | $ 35 |
| Collected by: TOTAL FEE | $ 35 |
| DCA State Permit Fee | $ 0 |

U.C.C. F110 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
BUILDING
SUBCODE
TECHNICAL SECTION

Date Received 07/18/2003
Date Issued ~~01/01/1954~~ 7/23/03
Control #
Permit # 02-4717+A

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
GAS FIREPLACE
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor PSD CORP.
Address P.O. BOX 4158
OSBORNVILLE, NJ 08723-
Tele.( ) Fax ( )
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-2217981

C. CERTIFICATION IN LIEU OF OATH

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

Signature

D. TECHNICAL SITE DATA
DESCRIPTION OF WORK

GAS FIREPLACE

JOB SUMMARY (Office Use Only)

| PLAN REVIEW | Date | Initial |
|---|---|---|
| [ ] No Plans Req. | | |
| [X] All | 7/24/03 | JL |
| [ ] Footing | | |
| [ ] Foundation | | |
| [ ] Frame | | |
| [ ] Other | | |

Joint Plan Review Required:
[ ] Elect [ ] Plumb [ ] Fire
SUBCODE APPROVAL [ ] Elev
[ ] CO [ ] CCO [ ] CA
Date:
Approved By:

| INSPECTIONS Type | Dates (Month/Day) Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Footing | | | | |
| Foundation | | | | |
| Slab | | | | |
| Frame | | | | |
| BarrierFree | | | | |
| Insulation | | | | |
| Finishes | | | | |
| Energy | | | | |
| Mechanical | | | | |
| TCO | | | | |
| Other | | | | |
| Final | | | | |
| BarrierFree | | | | |

B. BUILDING CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Constr. Class Present Proposed
No. of Stories 0
Height of Structure 0 Ft.
Area Largest Floor 0 Sq. Ft.
New Bldg. Area/All Floors 0 Sq. Ft.
Volume of New Structure 0 Cu. Ft.
Total Land Area Disturbed 0 Sq. Ft.

Est. Cost of Bldg. Work:
1. New Bldg. $ 700
2. Alteration $ 0
3. Total (1+2)$ 700

Industrialized Building:
[ ] State Approved
[ ] HUD

| TYPE OF WORK | FEE (Office Use Only) |
|---|---|
| [X] New Building | $ 0 |
| [ ] Addition | 0 |
| [ ] Alteration | 0 |
| [ ] Roofing | 0 |
| [ ] Siding | 0 |
| [ ] Fence 0 Height (exceeds 6') | 0 |
| [ ] Sign 0 Sq. Ft. | 0 |
| [ ] Pool | 0 |
| [ ] Asbestos Abatement Subchapter 8 | 0 |
| [ ] Lead Haz. Abatement NJAC 5:17 | 0 |
| [ ] Other | 0 |
| Other | 0 |
| [ ] Demolition | 0 |

| | |
|---|---|
| Administrative Surcharge | $ 0 |
| Minimum Fee | $ 35 |
| TOTAL FEE | $ 35 |
| DCA State Permit Fee | $ 0 |

Paid [ ] Check #
Collected by:

U.C.C. F110 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
BUILDING
SUBCODE
TECHNICAL SECTION

Date Received 11/04/2002
Date Issued 12/12/02
Control # C08-60
Permit # 02-4717

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
SF DWELLING
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor PSD CORP.
Address P.O. BOX 4158
OSBORNVILLE, NJ 08723-
Tele.( ) Fax ( )
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-2217981

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 S,H.W.T info on file.

SF DWELLING

As Built Foundation Survey Req.

*JOB SUMMARY (Office Use Only)*

| PLAN REVIEW | Date | Initial |
|---|---|---|
| [ ] No Plans Req. | | |
| [X] All | 12-10-02 | FM |
| [ ] Footing | | |
| [ ] Foundation | | |
| [ ] Frame | | |
| [ ] Other | | |

Joint Plan Review Required:
[ ] Elect [ ] Plumb [ ] Fire
SUBCODE APPROVAL [ ] Elev
[ ] CO [ ] CCO [ ] CA
Date: 7-24-03
Approved By: FM

| INSPECTIONS | Dates (Month/Day) Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Type | | | | |
| Footing | | | 1/13/03 | JK |
| Foundation | | | 3/14/03 | FM |
| Slab | | | | |
| Frame | | | 4/29/03 | FM |
| BarrierFree | | | | |
| Insulation | | | 5-5-03 | FM |
| Finishes | | | | |
| Energy | | | | |
| Mechanical | | | | |
| TCO | | | | |
| Other | | | | |
| Final | | | 7/28/03 | |
| BarrierFree | | | | |

B. BUILDING CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Constr. Class Present Proposed
No. of Stories 2
Height of Structure 23 Ft.
Area Largest Floor 980 Sq. Ft.
New Bldg. Area/All Floors 1,676 Sq. Ft.
Volume of New Structure 24,720 Cu. Ft.
Total Land Area Disturbed 0 Sq. Ft.

Est. Cost of Bldg. Work:
1. New Bldg. $ 70,150
2. Alteration $ 0
3. Total (1+2)$ 70,150

Industrialized Building:
[ ] State Approved
[ ] HUD

| TYPE OF WORK | FEE (Office Use Only) |
|---|---|
| [X] New Building | $ 618 |
| [ ] Addition | 0 |
| [ ] Alteration | 0 |
| [ ] Roofing | 0 |
| [ ] Siding | 0 |
| [ ] Fence 0 Height (exceeds 6') | 0 |
| [ ] Sign 0 Sq. Ft. | 0 |
| [ ] Pool | 0 |
| [ ] Asbestos Abatement Subchapter 8 | 0 |
| [ ] Lead Haz. Abatement NJAC 5:17 | 0 |
| [ ] Other | 0 |
| Other | 0 |
| [ ] Demolition | 0 |
| Administrative Surcharge | $ 0 |
| Minimum Fee | $ 0 |
| TOTAL FEE | $ 618 |
| DCA State Permit Fee | $ 47 |

Paid [ ] Check #
Collected by:

U.C.C. F110 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
BUILDING
SUBCODE
TECHNICAL SECTION

Date Received 07/18/2003
Date Issued ~~01/01/1954~~ 7/25/03
Control #
Permit # 02-4717+A

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
GAS FIREPLACE
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor PSD CORP.
Address P.O. BOX 4158
OSBORNVILLE, NJ 08723-
Tele.( ) Fax ( )
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-2217981

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

GAS FIREPLACE

JOB SUMMARY (Office Use Only)

PLAN REVIEW — Date — Initial
[ ] No Plans Req.
[X] All 7/25/03 JC
[ ] Footing
[ ] Foundation
[ ] Frame
[ ] Other
Joint Plan Review Required:
[ ] Elect [ ] Plumb [ ] Fire
SUBCODE APPROVAL [ ] Elev
[ ] CO [ ] CCO [ ] CA
Date:
Approved By:

| INSPECTIONS Type | Dates (Month/Day) Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Footing | | | | |
| Foundation | | | | |
| Slab | | | | |
| Frame | | | | |
| BarrierFree | | | | |
| Insulation | | | | |
| Finishes | | | | |
| Energy | | | | |
| Mechanical | | | | |
| TCO | | | | |
| Other | | | | |
| Final | | | | |
| BarrierFree | | | | |

| TYPE OF WORK | FEE (Office Use Only) |
|---|---|
| [X] New Building | $ 0 |
| [ ] Addition | 0 |
| [ ] Alteration | 0 |
| [ ] Roofing | 0 |
| [ ] Siding | 0 |
| [ ] Fence 0 Height (exceeds 6') | 0 |
| [ ] Sign 0 Sq. Ft. | 0 |
| [ ] Pool | 0 |
| [ ] Asbestos Abatement Subchapter 8 | 0 |
| [ ] Lead Haz. Abatement NJAC 5:17 | 0 |
| [ ] Other | 0 |
| Other | 0 |
| [ ] Demolition | 0 |

B. BUILDING CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Constr. Class Present Proposed
No. of Stories 0
Height of Structure 0 Ft.
Area Largest Floor 0 Sq. Ft.
New Bldg. Area/All Floors 0 Sq. Ft.
Volume of New Structure 0 Cu. Ft.
Total Land Area Disturbed 0 Sq. Ft.

Est. Cost of Bldg. Work:
1. New Bldg. $ 700
2. Alteration $ 0
3. Total (1+2)$ 700

Industrialized Building:
[ ] State Approved
[ ] HUD

| | |
|---|---|
| Administrative Surcharge | $ 0 |
| Paid [ ] Check # Minimum Fee | $ 35 |
| Collected by: TOTAL FEE | $ 35 |
| DCA State Permit Fee | $ 0 |

U.C.C. F110 (rev. 3/96)

EG MAIL R. Dock

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 11/04/2002
Date Issued 12/12/02
Control # C08-60
Permit # 02-4717

100 ck

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
SF DWELLING
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor EUREKA ELECTRIC
Address PO BOX 4075
BRICK, NJ 08723-
Tele.(732)255-2822
Lic. No. or Bldrs. Reg. No. 4872
Federal Emp. No. 22-1814013

B. ELECTRICAL CHARACTERISTICS

Use Group - Present R-3 Proposed R-3
[ ] Pole/Pad # _____ [ ] Temporary [ ] Other _____
Building Occupied as _____ Utility Co. _____
Estimated Cost of Electrical Work $ 4,000

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
Joint Plan Review Required:
[ ] Bldg [ ] Plumb
[ ] Fire [ ] Elevator
[X] Elect Plans Approved
Date: 11-27-02
Approved By:
SUBCODE APPROVAL
[ ] CO [ ] CCO [ ] CA
Date: 7-11-03
Approved By:

| INSPECTIONS Type | Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Rough | | | 4/17/03 | |
| Temp Serv | 4/17/03 | | 5/1/03 | |
| Const Serv | | | | |
| TCO | | | | |
| Other | | | | |
| Service | | | | |
| Final | | | 7-11-03 | |

Temp. Cut-in-Card Date Issued 5/1/03
Final Cut-in-Card Date Issued _____

D. TECHNICAL SITE DATA

| NO. | SIZE | ITEM | FEE (Office Use Only) |
|---|---|---|---|
| 20 | | Lighting Fixtures | |
| 50 | | Receptacles | |
| 26 | | Switches | |
| 6 | | Detectors | |
| 0 | | Light Poles | |
| 0 | | Motors-Fract HP | |
| 0 | | Emergency & Exit Lights | |
| 0 | | Communications Points | |
| 0 | | Alarm Devices/F.A.C. Panel | |
| 102 | | TOTAL NUMBERS | 55 |
| 0 | | Pool Permit/with UW Lights | 0 |
| 0 | | Storable Pool/Spa/Hot Tub | 0 |
| 0 | 0 | KW Elect Range/Receptacle | 0 |
| 0 | 0 | KW Oven/Surface Unit | 0 |
| 0 | 0 | KW Elect Water Heater | 0 |
| 0 | 0 | KW Elect Dryer/Receptacle | 0 |
| 1 | 2 | KW Dishwasher | 9 |
| 0 | 0 | HP Garbage Disposal | 0 |
| 1 | 7 | KW Central A/C Unit | 9 |
| 1 | 3 | HP/KW Space Heater/Air Handler | 9 |
| 0 | 0 | Baseboard Heat | 0 |
| 0 | 0 | HP Motors 1/+ HP | 0 |
| 0 | 0 | KW Transformer/Generator | 0 |
| 1 | 100 | AMP Service | 40 |
| 0 | 0 | AMP Subpanels | 0 |
| 0 | 0 | AMP Motor Control Center | 0 |
| 0 | 0 | KW Elect Sign/Outline Light | 0 |
| | | Other | 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.

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

Paid [ ] Check # _____
Collected by: _____

| | | |
|---|---|---|
| Administrative Surcharge | $ | 0 |
| Minimum Fee | $ | 0 |
| TOTAL FEE | $ | 122 |
| DCA State Permit Fee | $ | 0 |

U.C.C. F120 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

# UCC NEW JERSEY
# ELECTRICAL
# SUBCODE
# TECHNICAL SECTION

Date Received 11/04/200
Date Issued 12/ 12/02
Control # C08-60
Permit # 02-471

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
SF DWELLING
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor EUREKA ELECTRIC
Address PO BOX 4075
BRICK, NJ 08723-
Tele.(732)255-2822
Lic. No. or Bldrs. Reg. No. 4872
Federal Enp. No. 22-1814013

B. ELECTRICAL CHARACTERISTICS

Use Group - Present R-3 Proposed R-3
[ ] Pole/Pad # _____ [ ] Tenporary [ ] Other _____
Building Occupied as _____ Utility Co. _____
Estinated Cost of Electrical Work $ 4,000

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
Joint Plan Review Required:
[ ] Bldg [ ] Plunb
[ ] Fire [ ] Elevator
[X] Elect Plans Approved
Date: 11 27 02
Approved By:
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

D. TECHNICAL SITE DATA

| NO. | SIZE | ITEM | FEE (Office Use Only) |
|---|---|---|---|
| 20 | | Lighting Fixtures | |
| 50 | | Receptacles | |
| 26 | | Switches | |
| 6 | | Detectors | |
| 0 | | Light Poles | |
| 0 | | Motors-Fract HP | |
| 0 | | Energency & Exit Lights | |
| 0 | | Conmunications Points | |
| 0 | | Alarm Devices/F.A.C. Panel | |
| 102 | | TOTAL NUMBERS | 55 |
| 0 | | Pool Permit/with UW Lights | 0 |
| 0 | | Storable Pool/Spa/Hot Tub | 0 |
| 0 | 0 | KW Elect Range/Receptacle | 0 |
| 0 | 0 | KW Oven/Surface Unit | 0 |
| 0 | 0 | KW Elect Water Heater | 0 |
| 0 | 0 | KW Elect Dryer/Receptacle | 0 |
| 1 | 2 | KW Dishwasher | 9 |
| 0 | 0 | HP Garbage Disposal | 0 |
| 1 | 7 | KW Central A/C Unit | 9 |
| 1 | 3 | HP/KW Space Heater/Air Handler | 9 |
| 0 | 0 | Baseboard Heat | 0 |
| 0 | 0 | HP Motors 1/+ HP | 0 |
| 0 | 0 | KW Transformer/Generator | 0 |
| 1 | 100 | AMP Service | 40 |
| 0 | 0 | AMP Subpanels | 0 |
| 0 | 0 | AMP Motor Control Center | 0 |
| 0 | 0 | KW Elect Sign/Outline Light | 0 |
| | | Other _____ | 0 |
| | | Other _____ | 0 |

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am 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

Administrative Surcharge $ 0
Paid [ ] Check # _____ Minimum Fee $ 0
Collected by: _____ TOTAL FEE $ 122
DCA State Permit Fee $ 0

U.C.C. F120 (rev. 3/96)

S, Brick

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 11/04/2002
Date Issued 12/12/02
Control # C08-60
Permit # 02-4717

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
SF DWELLING
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor EUREKA ELECTRIC
Address PO BOX 4075
BRICK, NJ 08723-
Tele.(732)255-2822
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-1814013

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Constr Class Present Proposed
Heating Systems [X] New [ ] Existing [ ] HVAC
Type: [X] Gas [ ] Oil [ ] Elect [ ] Solar
[ ] Other
Location: CELLAR
Total Est Cost of Fire Prot Work $ 350

Fire Alarm System
New [ ] Existing [ ]
Location of Panel:
Fire Suppression/Standpipe Sys
New [ ] Existing [ ]
Location of Main Control Valve

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
Joint Plan Review Required:
[ ] Bldg [ ] Elect
[ ] Plumb [ ] Elevator
[ ] Fire Plans Approved
Date: 12-3-02
Approved By:

SUBCODE APPROVAL
[X] CCO [ ] CCO [ ] CA
Date: 7-28-03
Approved By: (KLB)

| INSPECTIONS Type | Dates (Month/Day) Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Alarm Sys | | | 7-16 WS | DT |
| Suppr Test | | | | |
| Standpipe | | | | |
| Fire Pump | | | | |
| PreEng Sys | | | | |
| Mechanical | | | 7-25 WS | AB |
| Smoke Ctl | | | | |
| TCO | | | | |
| Final | 7-16 WS | | 7-25-03 | DT |
| Other | | | | |

(See back)

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 | NUMBER | FEE (Office Use Only) |
|---|---|---|
| Type: [ ] Flammable Liquid [ ] Combust Liquid [ ] LPG [ ] LNG Capacity 0 Fuel | | |
| Alarm Systems [ ] 110v Interconnected [ ] System | | |
| Alarm Devices(smoke,heat,pulls,water/flow) | 6 | |
| Supervisory Devices (tampers,low/high air) | 0 | |
| Signalling Devices (horn/strobes, bells) | 0 | |
| Other Devices | 0 | |
| TOTAL | 6 | 35 |
| Suppression Systems | | |
| Fire Pump 0 GPM Type | 0 | |
| Dry Pipe/Alarm Valves | 0 | |
| Pre-action Valves | 0 | |
| Sprinkler Heads (Dry and Wet) | 0 | 0 |
| Standpipes | 0 | 0 |
| Pre-Engineered Systems | | |
| Wet Chemical | 0 | 0 |
| Dry Chemical | 0 | 0 |
| CO2 Suppression | 0 | 0 |
| Foam Suppression | 0 | 0 |
| Halon Suppression | 0 | 0 |
| Other | | 0 |
| Kitchen Hood Exhaust System | 0 | 0 |
| Smoke Control System | 0 | 0 |
| Gas [X] or Oil [ ] Fired Appliances | 2 | 92 |
| Other FURNACE | | 46 |
| Other | | 0 |

| | | |
|---|---|---|
| Administrative Surcharge | $ | 0 |
| Minimum Fee | $ | 0 |
| TOTAL FEE | $ | 173 |
| DCA State Permit Fee | $ | 0 |

Paid [ ] Check #
Collected by:

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 07/18/2003
Date Issued ~~01/01/1954~~ 7/25/03
Control #
Permit # 02-4717+A

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
GAS FIREPLACE
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor PSD CORP.
Address P.O. BOX 4158
OSBORNVILLE, NJ 08723-
Tele.( )
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-2217981

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Constr Class Present Proposed
Heating Systems [ ] New [ ] Existing [ ] HVAC
Type: [ ] Gas [ ] Oil [ ] Elect [ ] Solar
[ ] Other
Location:
Total Est Cost of Fire Prot Work $ 700

Fire Alarm System
New [ ] Existing [ ]
Location of Panel:
Fire Suppression/Standpipe Sys
New [ ] Existing [ ]
Location of Main Control Valve

JOB SUMMARY (Office Use Only)

PLAN REVIEW
~~[ ]~~ No Plans Required
Joint Plan Review Required:
[ ] Bldg [ ] Elect
[ ] Plumb [ ] Elevator
[ ] Fire Plans Approved
Date: 7-25-03
Approved By: RB
SUBCODE APPROVAL
[ ] CO [ ] CCO [X] CA
Date: 7-28-03
Approved By: KCA

| INSPECTIONS Type | Dates (Month/Day) Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Alarm Sys | | | | |
| Suppr Test | | | | |
| Standpipe | | | | |
| Fire Pump | | | | |
| PreEng Sys | | | | |
| Mechanical | | | 7-25-03 | RB |
| Smoke Ctl | | | | |
| TCO | | | | |
| Final | | | 7-25-03 | RB |
| 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.
Signature

D. TECHNICAL SITE DATA

Description of Work:
Water Supply Source
Method of Alarm/Suppr Sys Superv

| Storage Tanks | NUMBER | FEE (Office Use Only) |
|---|---|---|
| Type: [ ] Flammable Liquid [ ] Combust Liquid [ ] LPG [ ] LNG Capacity 0 Fuel | | |
| Alarm Systems [ ] 110v Interconnected [ ] System | | |
| Alarm Devices(smoke,heat,pulls,water/flow) | 0 | |
| Supervisory Devices (tampers,low/high air) | 0 | |
| Signalling Devices (horn/strobes, bells) | 0 | |
| Other Devices | 0 | |
| TOTAL | 0 | 0 |
| Suppression Systems | | |
| Fire Pump 0 GPM Type | 0 | |
| Dry Pipe/Alarm Valves | 0 | |
| Pre-action Valves | 0 | |
| Sprinkler Heads (Dry and Wet) | 0 | 0 |
| Standpipes | 0 | 0 |
| Pre-Engineered Systems | | |
| Wet Chemical | 0 | 0 |
| Dry Chemical | 0 | 0 |
| CO2 Suppression | 0 | 0 |
| Foam Suppression | 0 | 0 |
| Halon Suppression | 0 | 0 |
| Other | | 0 |
| Kitchen Hood Exhaust System | 0 | 0 |
| Smoke Control System | 0 | 0 |
| Gas [ ] or Oil [ ] Fired Appliances | 0 | 0 |
| Other GAS FIREPLACE | | 46 |
| Other | | 0 |

| | | |
|---|---|---|
| | Administrative Surcharge | $ 0 |
| Paid [ ] Check # | Minimum Fee | $ 0 |
| Collected by: | TOTAL FEE | $ 46 |
| | DCA State Permit Fee | $ 0 |

U.C.C. F140 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 07/18/2003
Date Issued ~~01/01/1954~~ 7/25/03
Control #
Permit # 02-4717+A

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
GAS FIREPLACE
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor PSD CORP.
Address P.O. BOX 4158
OSBORNVILLE, NJ 08723-
Tele.( )
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-2217981

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Constr Class Present Proposed
Heating Systems [ ] New [ ] Existing [ ] HVAC
Type: [ ] Gas [ ] Oil [ ] Elect [ ] Solar
[ ] Other
Location:
Total Est Cost of Fire Prot Work $ 700

Fire Alarm System
New [ ] Existing [ ]
Location of Panel:
Fire Suppression/Standpipe Sys
New [ ] Existing [ ]
Location of Main Control Valve

JOB SUMMARY (Office Use Only)

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

| INSPECTIONS Type | Dates (Month/Day) Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Alarm Sys | | | | |
| Suppr Test | | | | |
| Standpipe | | | | |
| Fire Pump | | | | |
| PreEng Sys | | | | |
| Mechanical | | | | |
| Smoke Ctl | | | | |
| TCO | | | | |
| Final | | | | |
| 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.
Signature

D. TECHNICAL SITE DATA

Description of Work:
Water Supply Source
Method of Alarm/Suppr Sys Superv

| Storage Tanks | NUMBER | FEE (Office Use Only) |
|---|---|---|
| Type: [ ] Flammable Liquid [ ] Combust Liquid [ ] LPG [ ] LNG Capacity 0 Fuel | | |
| Alarm Systems [ ] 110v Interconnected [ ] System | | |
| Alarm Devices(smoke,heat,pulls,water/flow) | 0 | |
| Supervisory Devices (tampers,low/high air) | 0 | |
| Signalling Devices (horn/strobes, bells) | 0 | |
| Other Devices | 0 | |
| TOTAL | 0 | 0 |
| Suppression Systems | | |
| Fire Pump 0 GPM Type | 0 | |
| Dry Pipe/Alarm Valves | 0 | |
| Pre-action Valves | 0 | |
| Sprinkler Heads (Dry and Wet) | 0 | 0 |
| Standpipes | 0 | 0 |
| Pre-Engineered Systems | | |
| Wet Chemical | 0 | 0 |
| Dry Chemical | 0 | 0 |
| CO2 Suppression | 0 | 0 |
| Foam Suppression | 0 | 0 |
| Halon Suppression | 0 | 0 |
| Other | | 0 |
| Kitchen Hood Exhaust System | 0 | 0 |
| Smoke Control System | 0 | 0 |
| Gas [ ] or Oil [ ] Fired Appliances | 0 | 0 |
| Other GAS FIREPLACE | | 46 |
| Other | | 0 |

| | | |
|---|---|---|
| Administrative Surcharge | $ | 0 |
| Minimum Fee | $ | 0 |
| TOTAL FEE | $ | 46 |
| DCA State Permit Fee | $ | 0 |

Paid [ ] Check #
Collected by:

U.C.C. F140 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 07/18/2003
Date Issued ~~01/01/1954~~ 7/25/03
Control #
Permit # 02-4717+A

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
GAS FIREPLACE
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor PSD CORP.
Address P.O. BOX 4158
OSBORNVILLE, NJ 08723-
Tele.( )
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-2217981

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Constr Class Present Proposed
Heating Systems [ ] New [ ] Existing [ ] HVAC
Type: [ ] Gas [ ] Oil [ ] Elect [ ] Solar
[ ] Other
Location:
Total Est Cost of Fire Prot Work $ 700

Fire Alarm System
New [ ] Existing [ ]
Location of Panel:
Fire Suppression/Standpipe Sys
New [ ] Existing [ ]
Location of Main Control Valve

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
Joint Plan Review Required:
[ ] Bldg [ ] Elect
[ ] Plumb [ ] Elevator
[ ] Fire Plans Approved
Date: 7-21-03
Approved By:
SUBCODE APPROVAL
[ ] CO [ ] CCO [ ] CA
Date:
Approved By:

| INSPECTIONS Type | Dates (Month/Day) Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Alarm Sys | | | | |
| Suppr Test | | | | |
| Standpipe | | | | |
| Fire Pump | | | | |
| PreEng Sys | | | | |
| Mechanical | | | | |
| Smoke Ctl | | | | |
| TCO | | | | |
| Final | | | | |
| 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.
Signature

D. TECHNICAL SITE DATA

Description of Work:
Water Supply Source
Method of Alarm/Suppr Sys Superv

| Storage Tanks | | FEE (Office Use Only) |
|---|---|---|
| Type: [ ] Flammable Liquid [ ] Combust Liquid [ ] LPG [ ] LNG Capacity 0 Fuel | | |
| Alarm Systems [ ] 110v Interconnected [ ] System | NUMBER | |
| Alarm Devices(smoke,heat,pulls,water/flow) | 0 | |
| Supervisory Devices (tampers,low/high air) | 0 | |
| Signalling Devices (horn/strobes, bells) | 0 | |
| Other Devices | 0 | |
| TOTAL | 0 | 0 |
| Suppression Systems | | |
| Fire Pump 0 GPM Type | 0 | |
| Dry Pipe/Alarm Valves | 0 | |
| Pre-action Valves | 0 | |
| Sprinkler Heads (Dry and Wet) | 0 | 0 |
| Standpipes | 0 | 0 |
| Pre-Engineered Systems | | |
| Wet Chemical | 0 | 0 |
| Dry Chemical | 0 | 0 |
| CO2 Suppression | 0 | 0 |
| Foam Suppression | 0 | 0 |
| Halon Suppression | 0 | 0 |
| Other | | 0 |
| Kitchen Hood Exhaust System | 0 | 0 |
| Smoke Control System | 0 | 0 |
| Gas [ ] or Oil [ ] Fired Appliances | 0 | 0 |
| Other GAS FIREPLACE | | 46 |
| Other | | 0 |

| | | |
|---|---|---|
| Administrative Surcharge | $ | 0 |
| Paid [ ] Check # | Minimum Fee $ | 0 |
| Collected by: | TOTAL FEE $ | 46 |
| | DCA State Permit Fee $ | 0 |

U.C.C. F140 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 11/04/2002
Date Issued 12/13/02
Control # C08-60
Permit # 02-4111

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
SF DWELLING
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor EUREKA ELECTRIC
Address PO BOX 4075
BRICK, NJ 08723-
Tele.(732)255-2822
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-1814013

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Constr Class Present Proposed
Heating Systems [X] New [ ] Existing [ ] HVAC
Type: [X] Gas [ ] Oil [ ] Elect [ ] Solar
[ ] Other
Location: CELLAR
Total Est Cost of Fire Prot Work $ 350

Fire Alarm System
New [ ] Existing [ ]
Location of Panel:
Fire Suppression/Standpipe Sys
New [ ] Existing [ ]
Location of Main Control Valve

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
Joint Plan Review Required:
[ ] Bldg [ ] Elect
[ ] Plumb [ ] Elevator
[-] Fire Plans Approved
Date: 12-3-02
Approved By:

SUBCODE APPROVAL
[ ] CO [ ] CCO [ ] CA
Date:
Approved By:

| INSPECTIONS Type | Dates (Month/Day) Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Alarm Sys | | | | |
| Suppr Test | | | | |
| Standpipe | | | | |
| Fire Pump | | | | |
| PreEng Sys | | | | |
| Mechanical | | | | |
| Smoke Ctl | | | | |
| TCO | | | | |
| Final | | | | |
| Other | | | | |

C. CERTIFICATION IN LIEU OF OATH

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

Signature

D. TECHNICAL SITE DATA

Description of Work:
Water Supply Source
Method of Alarm/Suppr Sys Superv

| Storage Tanks | NUMBER | FEE (Office Use Only) |
|---|---|---|
| Type: [ ] Flammable Liquid [ ] Combust Liquid [ ] LPG [ ] LNG Capacity 0 Fuel | | |
| Alarm Systems [ ] 110v Interconnected [ ] System | | |
| Alarm Devices(smoke,heat,pulls,water/flow) | 6 | |
| Supervisory Devices (tampers,low/high air) | 0 | |
| Signalling Devices (horn/strobes, bells) | 0 | |
| Other Devices | 0 | |
| TOTAL | 6 | 35 |
| Suppression Systems | | |
| Fire Pump 0 GPM Type | 0 | |
| Dry Pipe/Alarm Valves | 0 | |
| Pre-action Valves | 0 | |
| Sprinkler Heads (Dry and Wet) | 0 | 0 |
| Standpipes | 0 | 0 |
| Pre-Engineered Systems | | |
| Wet Chemical | 0 | 0 |
| Dry Chemical | 0 | 0 |
| CO2 Suppression | 0 | 0 |
| Foam Suppression | 0 | 0 |
| Halon Suppression | 0 | 0 |
| Other | | 0 |
| Kitchen Hood Exhaust System | 0 | 0 |
| Smoke Control System | 0 | 0 |
| Gas [X] or Oil [ ] Fired Appliances | 2 | 92 |
| Other FURNACE | | 46 |
| Other | | 0 |

| | | |
|---|---|---|
| Administrative Surcharge | $ | 0 |
| Minimum Fee | $ | 0 |
| TOTAL FEE | $ | 173 |
| DCA State Permit Fee | $ | 0 |

Paid [ ] Check #
Collected by:

U.C.C. F140 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 11/04/2002
Date Issued 12/12/02
Control # C08-60
Permit # 02-4717

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. ~~WHEN CHANGING~~ ~~D. TECHNICAL SITE DATA~~ (List all fixtures.)
CONTRACTORS. NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
SF DWELLING
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor WILLIAM DALTON PLUMBING & HTG
Address 555 NEW JERSEY AVE
BRICK, NJ 08724-
Tele.(732)458-2424
Lic. No. or Bldrs. Reg. No. 10633
Federal Emp. No. 36-438170

B. PLUMBING CHARACTERISTICS
Use Group Present R-3 Proposed R-3
Building Sewer Size [ ] Public Sewer [ ] Private Septic
Water Sewer Size [ ] Public Water [ ] Private Well
Estimated Cost of Plumbing Work $ 4,000

| NO. | FIXTURE/EQUIPMENT | FEE (Office Use Only) |
|---|---|---|
| 3 | Water Closet | 30 |
| 0 | Urinal / Bidet | 0 |
| 2 | Bath Tub | 20 |
| 3 | Lavatory | 30 |
| 0 | Shower | 0 |
| 0 | Floor Drain | 0 |
| 1 | Sink | 10 |
| 1 | Dishwasher | 10 |
| 0 | Drinking Fountain | 0 |
| 1 | Washing Machine | 10 |
| 2 | Hose Bib | 20 |
| 1 | Water Heater | 35 |
| 0 | Fuel Oil Piping | 0 |
| 1 | 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 |
| | Other A/C | 35 |
| | Other | 0 |

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
Joint Plan Review Required:
[ ] Bldg [ ] Elect
[ ] Fire [ ] Elevator
[ ] Plumb. Plans Approved
Date: 12-5-02
Approved By:

SUBCODE APPROVAL
[ ] CO [ ] CCO [ ] CO
Approved By:
Date: 7-21-03

| INSPECTIONS Type | Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Slab | | | | |
| Rough | | | 4/15/03 | |
| Water | | | 4/15/03 | |
| Sewer | | | 4/15/03 | |
| Fixtures | 7-15-03 | | 7-21-03 | |
| Gas Equip. | | | 7-15-03 | |
| Gas Piping | | | 4/15/03 | |
| Solar | | | | |
| TCO | | | 7-15-03 | |

Administrative Surcharge $ 0
Paid [ ] Check # Minimum Fee $ 0
Collected by: TOTAL FEE $ 225
DCA State Permit Fee $ 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.

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

U.C.C. F130 (rev. 3/96)

7-21-05

Spoke to Inspector needed a
Name of Program number
Water later

7-21-05

Contact Owner emailed
& discharge to PVC to E mail

TOWNSHIP OF UNION
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 07/18/2003
Date Issued ~~01/01/1954~~ 7/25/03
Control #
Permit # 02-4717+A

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
GAS FIREPLACE
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor WILLIAM DALTON PLUMBING & HTG
Address 555 NEW JERSEY AVE
BRICK, NJ 08724-
Tele.(732)458-2424
Lic. No. or Bldrs. Reg. No. 10633
Federal Emp. No. 36-438170

B. PLUMBING CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Building Sewer Size [ ] Public Sewer [ ] Private Septic
Water Sewer Size [ ] Public Water [ ] Private Well
Estimated Cost of Plumbing Work $ 100

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
Joint Plan Review Required:
[ ] Bldg [ ] Elect
[ ] Fire [ ] Elevator
[ ] Plumb. Plans Approved
Date: 7/25/03
Approved By:

SUBCODE APPROVAL
[ ] CO [ ] CCO [ ] CA
Approved By:
Date:

| INSPECTIONS Type | Dates (Month/Day) Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Slab | | | | |
| Rough | | | | |
| Water | | | | |
| Sewer | | | | |
| Fixtures | | | | |
| Gas Equip. | | | | |
| Gas Piping | | | | |
| Solar | | | | |
| TCO | | | | |
| | | | | |

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

D. TECHNICAL SITE DATA (List all fixtures.)

| 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 |
| 1 | Gas Piping 3/4" FIREPLACE 30,000 | 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 |
| | Other | 0 |
| | Other | 0 |

| | | |
|---|---|---|
| | Administrative Surcharge | $ 0 |
| Paid [ ] Check # | Minimum Fee | $ 0 |
| Collected by: | TOTAL FEE | $ 25 |
| | DCA State Permit Fee | $ 0 |

U.C.C. F130 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 07/18/2003
Date Issued ~~01/01/1954~~
Control #
Permit # 02-4717+A 7/25/03

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
GAS FIREPLACE
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor WILLIAM DALTON PLUMBING & HTG
Address 555 NEW JERSEY AVE
BRICK, NJ 08724-
Tele.(732)458-2424
Lic. No. or Bldrs. Reg. No. 10633
Federal Emp. No. 36-438170

B. PLUMBING CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Building Sewer Size [ ] Public Sewer [ ] Private Septic
Water Sewer Size [ ] Public Water [ ] Private Well
Estimated Cost of Plumbing Work $ 100

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
Joint Plan Review Required:
[ ] Bldg [ ] Elect
[ ] Fire [ ] Elevator
[ ] Plumb. Plans Approved
Date: 7/22/13
Approved By:

SUBCODE APPROVAL
[ ] CO [ ] CCO [ ] CA
Approved By:
Date:

| INSPECTIONS Type | Dates (Month/Day) Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Slab | | | | |
| Rough | | | | |
| Water | | | | |
| Sewer | | | | |
| Fixtures | | | | |
| Gas Equip. | | | | |
| Gas Piping | | | | |
| Solar | | | | |
| TCO | | | | |
| | | | | |

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

D. TECHNICAL SITE DATA (List all fixtures.)

| 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 3/1" | 0 |
| 1 | Gas Piping — 1/2" 30' 100 | 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 |
| | Other | 0 |
| | Other | 0 |

Administrative Surcharge $ 0
Paid [ ] Check # Minimum Fee $ 0
Collected by: TOTAL FEE $ 25
DCA State Permit Fee $ 0

U.C.C. F130 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 07/18/2003
Date Issued ~~01/01/1994~~
Control #
Permit # 02-4717+A 7/25/03

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
GAS FIREPLACE
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor WILLIAM DALTON PLUMBING & HTG
Address 555 NEW JERSEY AVE
BRICK, NJ 08724-
Tele.(732)458-2424
Lic. No. or Bldrs. Reg. No. 10633
Federal Emp. No. 36-438170

B. PLUMBING CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Building Sewer Size [ ] Public Sewer [ ] Private Septic
Water Sewer Size [ ] Public Water [ ] Private Well
Estimated Cost of Plumbing Work $ 100

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
Joint Plan Review Required:
[ ] Bldg [ ] Elect
[ ] Fire [ ] Elevator
[ ] Plumb. Plans Approved
Date: 7/25/03
Approved By:
SUBCODE APPROVAL
[ ] CO [ ] CCO [ ] CA
Approved By:
Date:

| INSPECTIONS Type | Dates (Month/Day) Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Slab | | | | |
| Rough | | | | |
| Water | | | | |
| Sewer | | | | |
| Fixtures | | | | |
| Gas Equip. | | | | |
| Gas Piping | | | | |
| Solar | | | | |
| TCO | | | | |

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

D. TECHNICAL SITE DATA (List all fixtures.)

| 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 3/4" FIREPLACE 30,000 | 0 |
| 1 | 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 |
| | Other | 0 |
| | Other | 0 |

Administrative Surcharge $ 0
Paid [ ] Check # Minimum Fee $ 0
Collected by: TOTAL FEE $ 25
DCA State Permit Fee $ 0

U.C.C. F130 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 11/04/2002
Date Issued 12/12/02
Control # C08-60
Permit # 02-4717

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

Block 646.07 Lot 60.06 Qual
Work Site Location 619 IVANHOE RD
SF DWELLING
Owner in Fee PSD CORPORATION
Address PO BOX 4158
BRICK, NJ 08723-
Tele.(732)477-8200
Contractor WILLIAM DALTON PLUMBING & HTG
Address 555 NEW JERSEY AVE
BRICK, NJ 08724-
Tele.(732)458-2424
Lic. No. or Bldrs. Reg. No. 10633
Federal Emp. No. 36-438170

B. PLUMBING CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Building Sewer Size [ ] Public Sewer [ ] Private Septic
Water Sewer Size [ ] Public Water [ ] Private Well
Estimated Cost of Plumbing Work $ 4,000

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[ ] No Plans Required
Joint Plan Review Required:
[ ] Bldg [ ] Elect
[ ] Fire [ ] Elevator
[ ] Plumb. Plans Approved
Date: 12-5-02
Approved By:

SUBCODE APPROVAL
[ ] CO [ ] CCO [ ] CA
Approved By:
Date:

| INSPECTIONS Type | Dates (Month/Day) Failure | Failure | Approval | Initial |
|---|---|---|---|---|
| Slab | | | | |
| Rough | | | | |
| Water | | | | |
| Sewer | | | | |
| Fixtures | | | | |
| Gas Equip. | | | | |
| Gas Piping | | | | |
| Solar | | | | |
| TCO | | | | |
| | | | | |

C. CERTIFICATION IN LIEU OF OATH

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

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

D. TECHNICAL SITE DATA (List all fixtures.)

| NO. | FIXTURE/EQUIPMENT | FEE (Office Use Only) |
|---|---|---|
| 3 | Water Closet 10 | 30 |
| 0 | Urinal / Bidet | 0 |
| 2 | Bath Tub 24,000 | 20 |
| 3 | Lavatory | 30 |
| 0 | Shower | 0 |
| 0 | Floor Drain 1 1/2 | 0 |
| 1 | Sink | 10 |
| 1 | Dishwasher | 10 |
| 0 | Drinking Fountain | 0 |
| 1 | Washing Machine | 10 |
| 2 | Hose Bib | 20 |
| 1 | Water Heater | 35 |
| 0 | Fuel Oil Piping | 0 |
| 1 | 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 |
| | Other A/C | 35 |
| | Other | 0 |

Administrative Surcharge $ 0
Paid [ ] Check # Minimum Fee $ 0
Collected by: TOTAL FEE $ 225
DCA State Permit Fee $ 0

U.C.C. F130 (rev. 3/96)

# TOWNSHIP OF BRICK
# ZONING PERMIT

**Approved:** November 12, 2002 No. 2.1807

**Block:** 646.07 **Lot:** 60.06 **Zone:** R-7.5

**Property Address:** 619 Ivanhoe Road

**Applicant:** Donald Bertrand, PSD Corporation

**Property Owner:** PSD Corporation

**Existing Use:** Single Family Residential

**Proposed Use:** Single Family Residential

**Proposed Construction:** 35' x 29', 23' high, two-story single family dwelling.

**Conditions:** The house must be set back at least 25 feet from the front property line, at least 6 feet from the side property lines and at least 15 feet from the rear property line.
Major Subdivision approved by the Planning Board.
Filed Map No: L-3159 Filed July 9, 2002.

**This permit shall be null, void and of no effect if any of the facts contained in the application upon the basis that this permit was granted are false or untrue in any material respect.**
**This permit shall expire one (1) year after the date of issuance if the use or substantial construction has not been commenced.**

Michael P. Fowler, AICP/PP
Municipal Planner

**Sean Kinnevy**
**Zoning Officer**

RECEIVED
NOV 8 2002

# TOWNSHIP OF BRICK ZONING PERMIT APPLICATION

(Please Type or Print Neatly in Ink, Not Pencil)

**Applications missing any of the following information will delay processing and may be returned to you.**

BLOCK 646.07 Lot 60.06 Qualifier

PROPERTY ADDRESS 619 IVANHOE RD

PERSONAL NAME OF APPLICANT PSD CORPORATION (DON BERNEAU) PRESIDENT

BUSINESS NAME OF APPLICANT PSD CORPORATION

PROPERTY OWNER SAME

PRESENT USE OF PROPERTY (check all that apply)

☒ Vacant Lot ☐ Single-family dwelling ☐ Multi-family dwelling
☐ Commercial (please describe)

PROPOSED USE OF PROPERTY (check all that apply)

☐ Vacant Lot ☒ Single-family dwelling ☐ Multi-dwelling
☐ Commercial (please describe)

PROPOSED CONSTRUCTION (check all that apply)

☒ New Building (please describe) 2 STORY
☐ Addition
☐ Alteration
☐ Porch or deck (state heights)
☐ Shed (state height)
☐ Fence (state type & height)
☐ Swimming Pool ☐ in-ground ☐ above-ground
☐ Other (please describe)

CHECKLIST

☒ All information completed above
☒ Two (2) copies of a plot plan containing:
☐ All existing and proposed structures
☐ All dimensions of the lot and structures
☐ All setbacks from the structures to the property lines
☐ All adjacent streets and waterways

Note: No partial, taped, faxed, reduced or enlarged copies can be accepted.

☐ If applicable, include a copy of the Zoning Board of Adjustment Resolution, the date that the map was signed, and/or the date that the subdivision map was filed with the Ocean County Clerk, along with the file map and number. ✓ L-3159 7/9/02

The applicant certifies that all statements and information made and provided as part of this application are true to the best of the applicant's knowledge, information and belief. The applicant further states that the applicant will comply with all other Municipal approvals and ordinances, and all County, State, and Federal Regulations.

Signature of applicant PRESIDENT PSD CORPORATION Date 11/4/02

Reviewed by Zoning Office Date 11/12/02 Approved ( ) Denied

Site
4/6/07
60.de

# INSPECTION REPORT

## Craig Testing Laboratories, Inc.

P.O. Box 427 • 5435 Harding Highway, Mays Landing, NJ 08330
Phone (609) 625-3212 • Fax (609) 625-1798

☒ WELDING
☐ BOLTING
☒ FIELD

| | | | |
|---|---|---|---|
| CLIENT: PSD Corp. | | | LAB NUMBER: |
| PROJECT/LOCATION: 614 Ivanhoe Rd. Bricktown N.J. | | | DATE: 5-2-03 |
| WELDING CONTRACTOR/ERECTOR: East Coast Storage | INSPECTOR: S. Evans | TIME (HOURS): | WEATHER: Sunny / 66° |

### WELDING TESTING

☒ WELDING ☐ DECKING ☐ STUDS

DESCRIPTION OF WORK

Performed Ultrasonic welding inspection to beam full-penn splice. Tested East end of beam. Tested top & Bottom flange 100%. Web reinforcing plate would not allow Ultrasonic test. All testing was done per AWS D1.1 Section 5 & 6

AS PER DRAWING:

| WELDING OPERATORS | LICENSE NO. |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |

| MACHINE TYPE/MAKE | CAPACITY/AMPS |
|---|---|
| | |

| E - | ☐ Straight ☐ Reverse | ☐ 1/8 ☐ 5/32 ☐ 3/16 ☐ 1/4 ☐ 5/8 ☐ ____ | |
|---|---|---|---|
| LAYERS/BEADS | WELD SIZES | WELD TYPE | POSITION |
| ☐ 1-2 ☐ Multi-passes | ☐ 1/4" ☐ 3/8" ☐ 5/16" ☐ 3/4" ☐ ____ | ☐ Fillet ☐ Plug ☐ Grv/Par ☐ Grv/Full ☐ Fusion ☐ ____ | ☐ Flat ☐ Horiz. ☐ Vertical ☐ Over ☐ All |

| Lineal Inches/No. Studs | Rejected | Reweld | Accepted |
|---|---|---|---|
| | | | |

### HIGH STRENGTH BOLT TESTING

| BOLT MANUFACTURER | MARKINGS |
|---|---|
| | |

SIZE(S) DIAMETER

☐ 3/4" ☐ 7/8" ☐ 1" ☐ ____

LOCATION(S)

☐ Beam-to-Beam ☐ Beam-to-Column

☐ ____

AS PER DRAWING:

All above bolts were tightened to the required torgue value as detrmined by the Skidmore Bolt Tension Calibrator. Approximately

____ FT. LBS. FOR ~~MARKING~~ ____ DIAMETER BOLTS
____ FT. LBS. FOR ~~MARKING~~ ____ DIAMETER BOLTS
____ FT. LBS. FOR ~~MARKING~~ ____ DIAMETER BOLTS

These bolts were then checked with a manually operated torgue wrench.

_____ % but not less than _____ bolts per connectio

All above high-strength bolts tested now meet the requirements of the Administrative Code and the Standard of the American Institute of Steel Construction.

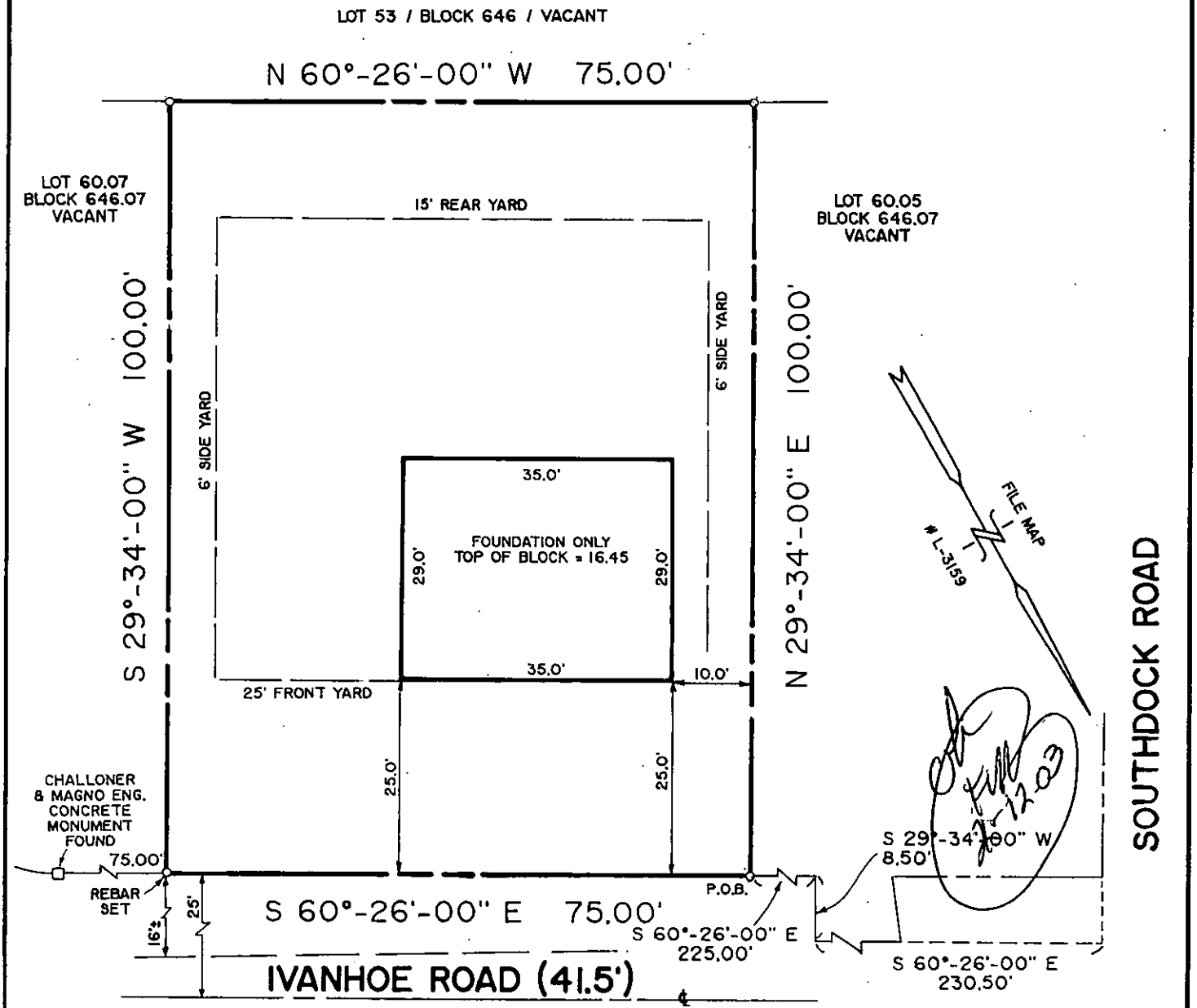
Remarks: PLEASE INDICATE IF THE AREAS LISTED ABOVE ARE COMPLETE

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF AND IN MY PROFESSIONAL OPINION THAT THIS SURVEY IS TRUE AND CORRECT. THIS DECLARATION IS GIVEN SOLELY TO THE FOLLOWING PARTIES (I ASSUME NO RESPONSIBILITY OR LIABILITY TO ANY OTHER PARTIES):

- DONALD P. BERTRAND

NOTES:

- THIS SURVEY SUBJECT TO ANY EASEMENT OF RECORD AND OTHER PERTINENT FACTS WHICH AN ACCURATE TITLE SEARCH MIGHT DISCLOSE. THIS SURVEY DOES NOT INCLUDE SEARCHES FOR WETLANDS, FLOOD PLAINS, TIDELANDS CLAIM OR HAZARDOUS SUBSTANCES.
- WAIVER AND DIRECTION NOT TO SET CORNER MARKERS HAS BEEN OBTAINED FROM THE ULTIMATE USER PURSUANT TO N.J.A.C. 13:40-5.1(d)
- SURVEY FOR FOUNDATION LOCATION PURPOSES ONLY




REV. 2-11-03: FOUNDATION ASBUILT

# SURVEY

LOT 60.06, BLOCK 646.07

BRICK TOWNSHIP

OCEAN COUNTY, NEW JERSEY

| JOB No. | 2174 | DR. BY | U.R. |
|---|---|---|---|
| SCALE | 1" = 20' | DATE | 10-23-02 |


RICHARD S. BUTRYN

PROFESSIONAL ENGINEER & LAND SURVEYOR

749 SCHOOLHOUSE ROAD, BRICK, NEW JERSEY, 08724

(732) 836-9200, N.J., LICENCE # 27445


2-11-03

INSPECTOR: Darren P Terrill

DATE: 7/22/03

JOB: Ivanhoe SECTION:

TYPE OF WORK: final

WEATHER: Sunny

LOCATION: 619 Ivanhoe Rd

TEMPERATURE: 70°

BLOCK: 646.07 LOT: 60.06

# ENGINEERING RECOMMENDATIONS FOR CERTIFICATE OF OCCUPANCY INSPECTION CHECK LIST

| ITEMS TO BE COMPLETED | COMPLETED | DEFICIENT |
|---|---|---|
| 1. Driveway | X Blacktop | |
| 2. Grading | X | |
| 3. Sidewalk | X | |
| 4. Road Pavement | X | |
| 5. Landscaping & Sodding | Sod Front/Hay Tacked Rear | |
| 6. Clean-up Procedures | X | |
| 7. Note on going construction in immediate area | X | |
| 8. Safety | X | |

COMMENTS REFERENCING ITEM NUMBER:

RECOMMENDATIONS:

☐ TEMP. C.O.

☒ FINAL C.O.

☐ DETAILED REINSPECTION

☐ HOLD INSPECTION UNTIL LOT ELEVATION FIELD VERIFIED

[ ] PLANNING BOARD ENGINEER

Edward C Comyn MUNICIPAL ENGINEER

I _____, Authorized representative of

_____, hereby acknowledge the above deficiencies, and further realize that the Certificate of Occupany will be conditioned upon the acceptable resolution thereof within _____ days of the issuance of Certificate of Occupancy.

New Jersey Natural Resources Conservation Program

# OCEAN COUNTY SOIL CONSERVATION DISTRICT

714 LACEY ROAD, FORKED RIVER, N.J. 08731
(609) 971-7002 Fax (609) 971-3391

## REPORT OF COMPLIANCE

TO: CONSTRUCTION CODE OFFICIAL MUNICIPALITY: BRICK

PROJECT: IVANHOE 5 LOT SUB. SCD NO.: 7558

BLOCK NO.(s) 646.07 LOT NO.(s) 60.06

Final Compliance ☒ Conditional Compliance ☐

| Block No. | Lot No. | Conditions |
|---|---|---|
| | | 619 IVANHOE. |

TOTAL FEES DUE: $ —

This verifies that the soil erosion and sediment control measures for the above designated block and lot numbers are in compliance to the extent indicated above with the soil erosion and sediment control plan as certified by the Ocean County Soil Conservation District and required by Chapter 251, P.L. 1975 as amended, the Soil Erosion and Sediment Control Act, (N.J.S.A. 4:24-39 et. seq.).

AGENT RESPONSIBLE FOR PROJECT: _____

AUTHORIZED DISTRICT SIGNATURE: [signature]

DATE: 7/17/03

DISTRIBUTION: WHITE - Township
CANARY - Applicant
PINK - District

**PSD CORPORATION, INC**
**JOB #3 PROVENZANO**
PO BOX 4158 OSBORNVILLE
BRICK, NJ 08723

1060

I-7123/2260
85

DATE July 17 2003

PAY TO THE ORDER OF Township of Brick $ 625.00

Six Hundred & Twenty Five 00/100 ********** DOLLARS

THE bank
SI Bank & Trust
120 Jack Martin Blvd.
Brick, NJ 08724

Affordable Housing 2nd payment

FOR Blk 646.07 Lot 60.06
619 [redacted]

MP

Frederick J. Underwood, Sr.

To: Scott M. Pezarras, Chief Financial Officer
From: Lisa Rose Tavalaiccio, Office of Affordable Housing
Re: Affordable Housing Fees

Business/Development: PSD Corp.

Owner/Applicant: PSD Corp.

Property Address: 619 Ivanhoe Rd

Block: 646.07 Lot: 60.06

DEPOSIT RECEIVED
Mandatory Development Fee
**Commercial**
**Residential**
Inclusionary Development Fee

DATE: 7-17-03

Check Number 1060

Preliminary Fee Paid

Final Fee Paid 625.00

FOR DEPOSIT ONLY - AFFORDABLE HOUSING TRUST ACCOUNT 36 367087

Collection of said fees as authorized by Township Ordinance
354-2C-93, is pursuant to N.J.S.A. 52:27D-301 et seq. And N.J.A.C. 5:92-18 et seq.

Received in Treasurer's Office by:

Kathleen Tinbergen
Signature

7-17-03
Date

OFFICE OF AFFORDABLE HOUSING

# OFFICE OF AFFORDABLE HOUSING
# CERTIFICATE OF COMPLIANCE

BLOCK 646.07 LOT 60.06 SITE ADDRESS 619 Lawrence Rd.
TYPE OF SITE (Residential) / Commercial NAME OF BUSINESS PSD Corporation
APPLICANT PSD Corporation PHONE NUMBER 732-477-8200
APPLICANT ADDRESS PO Box 4158 CITY & STATE Brick, NJ. 08723

732-477-2013

**INCLUSIONARY DEVELOPMENT**

| | | | |
|---|---|---|---|
| Affordable | Fee Required | | Date |
| | Down Payment | | Date |
| | Balance | | Date |
| | Paid In Full | | Date |
| Market Rate | No Fee Required | | |

**MANDATORY DEVELOPER FEES**

X Residential is .005 %

◊ Commercial is .01%

X The estimated equalized assessed value of the proposed construction is

$ 250,000

Frederick R. Millman, CTA, Tax Assessor — 11/22/02 Date

◊ The final equalized assessed value of the construction at the above referenced site is:

$ 250,000

Frederick R. Millman, CTA, Tax Assessor — 7/17/03 Date

| | | | |
|---|---|---|---|
| Prelininary Fee Required | 625.00 | Date | 11/25/02 |
| Preliminary Paid | 625.00 | Check # | 1007 |
| | | Receipt # | 1501 |
| Final Total Fee Required | 1250.00 | | |
| Preliminary Paid | 625.00 | Date | 7-17-03 |
| Final Paid | 625.00 | Check# | 1060 |
| Balance Due | — | Receipt # | 325036 |

Fees Imposed To Date _____
Fees Reached $15,000 _____ Date

I hereby certify that the above applicant has complied with all rules and regulations of the Office of Affordable Housing and has paid all required fees and charges.

Office of Affordable Housing

11/19/02 Ta prelim.
11/25/02 - Called + mailed

# THE BRICK TOWNSHIP
# MUNICIPAL UTILITIES AUTHORITY

1551 HIGHWAY 88 WEST
BRICK, NEW JERSEY 08724
(732) 458-7000

## CERTIFICATE OF COMPLIANCE

Date 7-18-03

NAME PSD Corporation

ADDRESS Box 4158 Brick NJ 08723

PROPERTY LOCATION 619 Ivanhoe Rd

Account No K288806 Block 646.07 Lot 60.06

I hereby certify that the above applicant has complied with all Rules and Regulations of this Authority and has paid all required fees and charges.

For the Authority Patti Evan

# TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY

401 CHAMBERS BRIDGE ROAD • BRICK , NJ 08723

Joseph C. Scarpelli, Mayor

Township Council:
Steven N. Cucci — President
Stephen C. Acropolis
Kimberley S. Casten
Gregory S. Kavanagh
Kathy M. Russell
Tony R. Shupin
Frederick J. Underwood, Sr.

Department of Administration & Finance

Office of the Tax Collector

Jo Anne R. Lambusta, CTC
Tax Collector
(732) 262-1021
Fax: (732) 477-3746
jlambusta@twp.brick.nj.us
http://www.twp.brick.nj.us

## Receipt For Public Works Garbage Can Deposit

Date: 7/17/03

Block: 646.07 Lot: 60.06

Property Address: 619 Ivanhoe Rd

Date of Payment: 7/17/03

Kathy
Tax Collectors Office

JHORA TR 7/17/2003 DP 7/18/2003
GR# 3046592 ACT# 313079 CK# 1059
TIME: 14:49:07 CK
2003 2 GARBAGE CAN PAYMENT 50.00

TOWNSHIP OF BRICK

401 CHAMBERS BRIDGE ROAD

BRICK, NJ 08723

Tax Payers Receipt

JMORA TR 7/17/2003 DP 7/18/2003
GR# 3046592 ACT# 313079 CK# 1059
Owner: P.S.D. CORP. INC.
Blk/Lot 00646.07 00060.06

| | |
|---|---|
| 2003 2 GARBAGE CAN PAYMENT | 50.00 |
| Total Due: | 50.00 |
| Check: | 50.00 |
| Total Paid: | 50.00 |
| Change Due: | .00 |

New Jersey Natural Resources Conservation Program

# OCEAN COUNTY SOIL CONSERVATION DISTRICT

714 LACEY ROAD, FORKED RIVER, N.J. 08731
(609) 971-7002 Fax (609) 971-3391

## REPORT OF COMPLIANCE

TO: CONSTRUCTION CODE OFFICIAL MUNICIPALITY: BRICK

PROJECT: IVANHOE 5 LOT SUB. SCD NO.: 7558

BLOCK NO.(s) 646.07 LOT NO.(s) 60.06

Final Compliance ☒ Conditional Compliance ☐

| Block No. | Lot No. | Conditions |
|---|---|---|
| | | 619 IVANHOE 7/24/03 JK<br>7/21/03 JK<br>OK AS PER JK<br>Jun 17/22<br>JK 7/21/03 JK |

TOTAL FEES DUE: $ —

This verifies that the soil erosion and sediment control measures for the above designated block and lot numbers are in compliance to the extent indicated above with the soil erosion and sediment control plan as certified by the Ocean County Soil Conservation District and required by Chapter 251, P.L. 1975 as amended, the Soil Erosion and Sediment Control Act, (N.J.S.A. 4:24-39 et. seq.).

AGENT RESPONSIBLE FOR PROJECT: _____

AUTHORIZED DISTRICT SIGNATURE: _____

DATE: 7/17/03

DISTRIBUTION: WHITE - Township
CANARY - Applicant
PINK - District

RESIDENTIAL WARRANTY CORPORATION
5300 Derry Street, Harrisburg, PA 17111
Ph: 717-561-4480 Fax: 717-561-4494

# APPLICATION FOR WARRANTY FORM

**Residential Warranty Corporation-New Home Warranty**

*'Complete ALL information in spaces provided.*
*See back for detailed instructions.*
*Attach a copy of the settlement sheet to this form.*

Application No. 2249826
LIMITED WARRANTY
WPIC 317 REV. 07/00
11/19/2002

1. Builder Name P S D CORPORATION, INC — Registration Number 140564
2. Lot/Job # 60.06 Block # Development/Subdivision
   House Number and Street Name 619 IVANHOE RD
   City BRICK State NJ Zip 08732
   Township BRICK County OCEAN
3. If the mailing address to be used for this home is different from #2, please indicate below:
4. Settlement/Closing Date: _____ First Occupancy Date: _____
   *Effective Date Of Warranty for FHA homes is the Settlement/Closing Date. On all other homes, Effective Date Of Warranty is the Settlement/Closing or Occupancy date, whichever occurs first.*
5. Final Sales Price *(maximum liability)* $ _____
6. Type of Financing *(check one)*: ☐ Conventional/Cash/Other ☐ VA ☐ FHA Case # _____
7. Exclusions: The Purchaser acknowledges that the listed items, if any, will not be warranted by the RWC Warranty since they were not furnished by the Builder, are excluded by contract or are not included in the final sales price. **(Builder and Purchaser must initial any listed exclusions.)**
   Builder: ____ Purchaser: ____ a. _____
   Builder: ____ Purchaser: ____ b. _____
   Builder: ____ Purchaser: ____ c. _____
8. Type of Soil *(check one)*: ☐ Virgin Soil ☐ Active Soil ☐ Fill ☐ Other _____
9. CONDOS ONLY: RWC Condominium ID#: _____ Effective Date on Common Elements: _____
10. NEW JERSEY ONLY: Municipal Code: _____
    Number of units in building *(circle one)*: 1 2 3-4 5+ Number of Stories *(all types of structures)*: _____
    Owner Type *(check one)*: ☐ Homeowner's Assoc. – fee simple ☐ No Homeowner's Association – fee simple ☐ Condo/Cooperative
11. Check here if this home is also being enrolled in the Platinum Advantage Extended Warranty Program _____. If coverage is being declined, the homeowner(s) must initial here _____.

12. **WARRANTY FEE CALCULATION:**

| | | |
|---|---|---|
| A. Final Sales Price (#5 above) | $ _____ | (A) |
| B. Divide A by 1,000 | = _____ | (B) |
| C. Multiply B by $ 2.40 (Rate) | = _____ (minimum of $100) | (C) |
| D. If A does not include lot cost, multiply C by 1.2 | = _____ | (D) |
| E. Warranty Fee (larger of C or D) | = _____ | (E) |
| F. Subtract Deposit | – 100.00 | (F) |
| G. Processing Fee | + 6.95 | (G) |
| H. State Surcharge | + 5.00 | (H) |
| I. N/A | + 0.00 | (I) |
| **J. TOTAL DUE** | = $ _____ | (J) |

13. **Purchaser's E-mail Address:** _____
14. **SIGNATURES:** I/We have read and understand the RWC Warranty book.

Purchaser's Name (print or type) Phone #
X
Purchaser's Signature Date

Purchaser's Name ( print or type) Phone #
X
Purchaser's Signature Date

Name/Title of Person Completing Application (print or type) Phone #
X
Builder Representative's Signature Date

Your Builder certifies that he or she is registered with the RWC Program and that the home is in compliance with RWC standards, has been properly inspected and all necessary approvals for processing of the home have been obtained.

Both the Purchaser(s) and the Builder must sign this Application acknowledging that: (a) this warranty is an express limited warranty administered by RWC; (b) WPIC's liability is specifically limited by the terms and provisions of the RWC Warranty Program; (c) a copy of this Application, the appropriate RWC warranty book and any forms needed to comply with state or local governmental requirements have been provided to the Purchaser(s); and (d) this warranty includes a provision for binding arbitration. After signing this Application, the Builder must send the designated copies to RWC with a check for the Total Due.

This signed Application is to be received by RWC before your warranty can be validated. Validation is not guaranteed, but is conditioned on the satisfactory completion of all required inspections, upon Builder's compliance with all RWC enrollment procedures, and upon Builder remaining a member in good standing of the RWC Warranty Program. Your validated warranty will consist of this Application For Warranty, the RWC warranty book indicated at the top of this form, and any endorsements added thereto. This warranty is invalid until a validation sticker, issued by RWC, is attached to the RWC warranty book (not applicable in NJ). Purchaser understands and agrees that, if the warranty is validated, it is provided by the Builder in lieu of all other warranties, oral agreements or representations, and Builder makes no warranty, express or implied as to quality, fitness for a particular purpose, merchantability, habitability or otherwise, except as is expressly set forth in the Program.

**Notice:** This Warranty will be found to be invalid if this Application is not fully completed, if revisions or alterations are made to this Application without written consent of RWC or if the requested copies and fees from the Builder are not received by RWC within ten (10) business days after the Effective Date of Warranty (#4 above.) Only original Applications will be accepted unless an RWC Representative has signed here: _____.

**IN GEORGIA AND TENNESSEE:** By signing your initials in the space provided, you acknowledge that you have carefully read and understand the section in your warranty book explaining arbitration procedures.

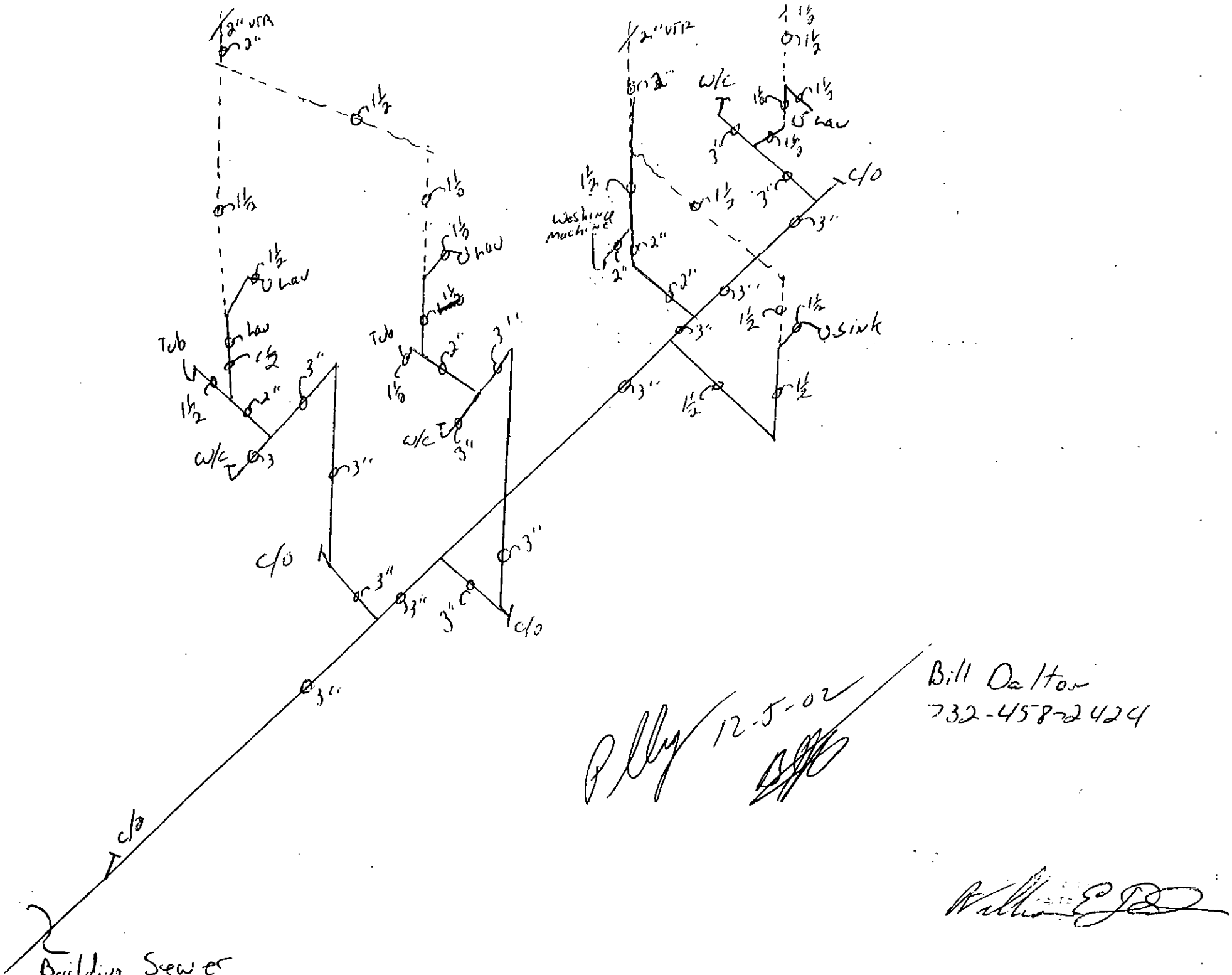
X _____ _____ X _____ _____
*initials* *date* *initials* *date*

**BUILDER** send to RWC: (5300 Derry Street, Harrisburg, PA 17111-3598)
✓ Top 2 copies of this form ✓ A copy of the settlement sheet
✓ A check for TOTAL DUE *(see calculation above)*

2249826 WPIC 317 REV. 07/00 (PG 4(2) & 5 STICKER)
10/15/1993

RWC #316 Rev.-2/03
©1990 Harrisburg, PA

WHITE & YELLOW — RWC *(Include copy of settlement sheet & check for total due)* PINK — PURCHASER GOLD — BUILDER




12-5-02

Bill Dalton
732-458-2424

# SIZING FOR WATER AND SEWER SERVICES

PROPERTY OWNER P.S.D. Corporation. DATE 12-5-02

PROPERTY ADDRESS 619 Lawnlee Rd. BLOCK 646.07 LOT 60.06

ZONING _____ USE GROUP _____

CONTRACTOR _____ LICENSE # REGISTRATION _____

WATER MAIN SIZE _____ WATER PRESSURE _____ SEWER MAIN SIZE _____

| PLUMBING FIXTURES | NUMBER | (sfu) WATER UNITS | (dfu) DRAINAGE |
|---|---|---|---|
| 1: BATHROOM GROUP | 2.5 ( ) | 8 ( ) | ( ) |
| 2: KITCHEN GROUP | 1 ( ) | 2 ( ) | ( ) |
| 3: ~~WATER~~ CLOSETS | ( ) | ( ) | ( ) |
| 4: LAVATORY | ( ) | ( ) | ( ) |
| 5: BATH TUB | ( ) | ( ) | ( ) |
| 6: SHOWER STALL | ( ) | ( ) | ( ) |
| 7: KITCHEN SINK | ( ) | ( ) | ( ) |
| 8: SERVICE SINK | ( ) | ( ) | ( ) |
| 9: LAUNDRY TRAY | ( ) | ( ) | ( ) |
| 10: DISHWASHER | ( ) | ( ) | ( ) |
| 11: WASHING MACHINE | 1 ( ) | 4 ( ) | ( ) |
| 12: URINAL | ( ) | ( ) | ( ) |
| 13: FLOOR DRAIN | ( ) | ( ) | ( ) |
| 14: DRINK FOUNTAIN | ( ) | ( ) | ( ) |
| 15: AIR COND WATER COOLED | ( ) | ( ) | ( ) |
| 16: DENTAL UNIT | ( ) | ( ) | ( ) |
| 17: LAWN SPRINKLE | ( ) | ( ) | ( ) |
| 18: FIRE SPRINKLE | ( ) | ( ) | ( ) |
| 19: HOSE BIBS | 2 ( ) | 3.5 ( ) | ( ) |

TOTAL 17.5

GALLONS PER MINUTE 14

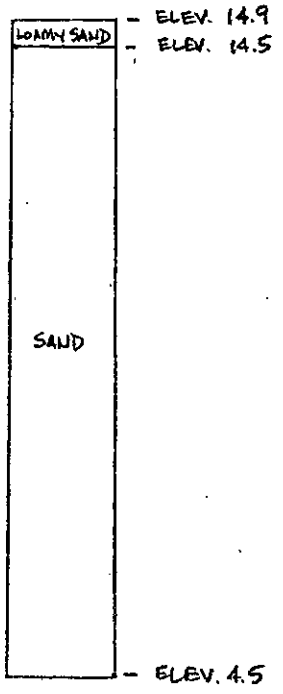
SIZE OF SERVICE 3/4"

DATE: 12-5-02 APPROVED: [signature]

R.S. BUTRYN P.E. & L.S.
749 SCHOOL HOUSE ROAD
BRICK, NJ 08724
(732) 836-9200

10-9-02

RE: LOT 60.06 BLOCK 646.07 Brick Township, NJ Soil Boring Location as per Plot Plan by R.S. Butryn dated 11-15-02




Note: No ground water or evidence of seasonal high ground water found

R.S. Butryn

# BOCA®
# NATIONAL BUILDING CODE
# PLAN REVIEW RECORD

Valuation: _____ Plan Review # _____

Fee: _____ Date: 12-9-02

**JURISDICTION** _____
(City, County, Township, etc.)

**BUILDING LOCATION** 619 Ivanhoe Rd
(Street address)

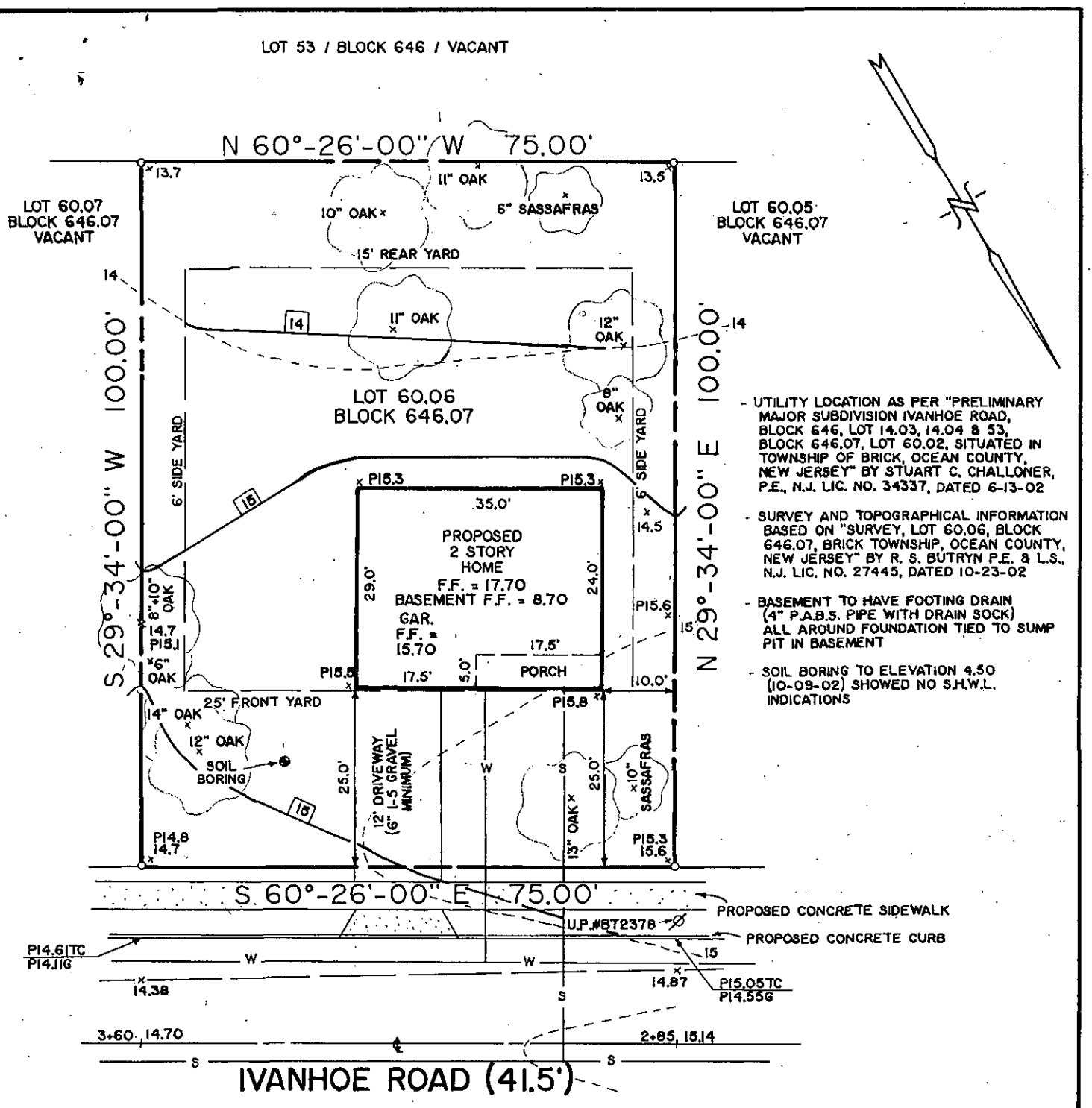
**BUILDING DESCRIPTION** _____

**REVIEWED BY** _____

Numerals indicated in parenthesis are applicable code sections of the 1993 *BOCA National Building Code*. The organization of this Plan Review Record follows the common Building Code format implemented in the 1993 *BOCA National Building Code*. The plan review accomplished as indicated in this record is limited to those code sections specifically identified herein. This record references commonly applicable code sections. It does not reference all code provisions which may be applicable to specific buildings. This record is designed to be used only by those who are knowledgeable and capable of exercising competent judgement in evaluating construction documents for code compliance.

CORRECTION LIST

| No. | DESCRIPTION | Code Section |
|---|---|---|
| | No Soil Borings | |
| | info on Plot Plan (NG) | |
| | NG | |
| | With Engr | |
| | 12/9/02 | |
| | | |
| | | |
| |




- UTILITY LOCATION AS PER "PRELIMINARY MAJOR SUBDIVISION IVANHOE ROAD, BLOCK 646, LOT 14.03, 14.04 & 53, BLOCK 646.07, LOT 60.02, SITUATED IN TOWNSHIP OF BRICK, OCEAN COUNTY, NEW JERSEY" BY STUART C. CHALLONER, P.E., N.J. LIC. NO. 34337, DATED 6-13-02
- SURVEY AND TOPOGRAPHICAL INFORMATION BASED ON "SURVEY, LOT 60.06, BLOCK 646.07, BRICK TOWNSHIP, OCEAN COUNTY, NEW JERSEY" BY R. S. BUTRYN P.E. & L.S., N.J. LIC. NO. 27445, DATED 10-23-02
- BASEMENT TO HAVE FOOTING DRAIN (4" P.A.B.S. PIPE WITH DRAIN SOCK) ALL AROUND FOUNDATION TIED TO SUMP PIT IN BASEMENT
- SOIL BORING TO ELEVATION 4.50 (10-09-02) SHOWED NO S.H.W.L. INDICATIONS

REV. 11-15-02: ADD SIDE ELEVATIONS & REGRADE

# PLOT PLAN

LOT 60.06, BLOCK 646.07

BRICK TOWNSHIP

OCEAN COUNTY, NEW JERSEY

| JOB No. | 2174 | DR. BY | U.R. |
|---|---|---|---|
| SCALE | 1" = 20' | DATE | 10-28-02 |

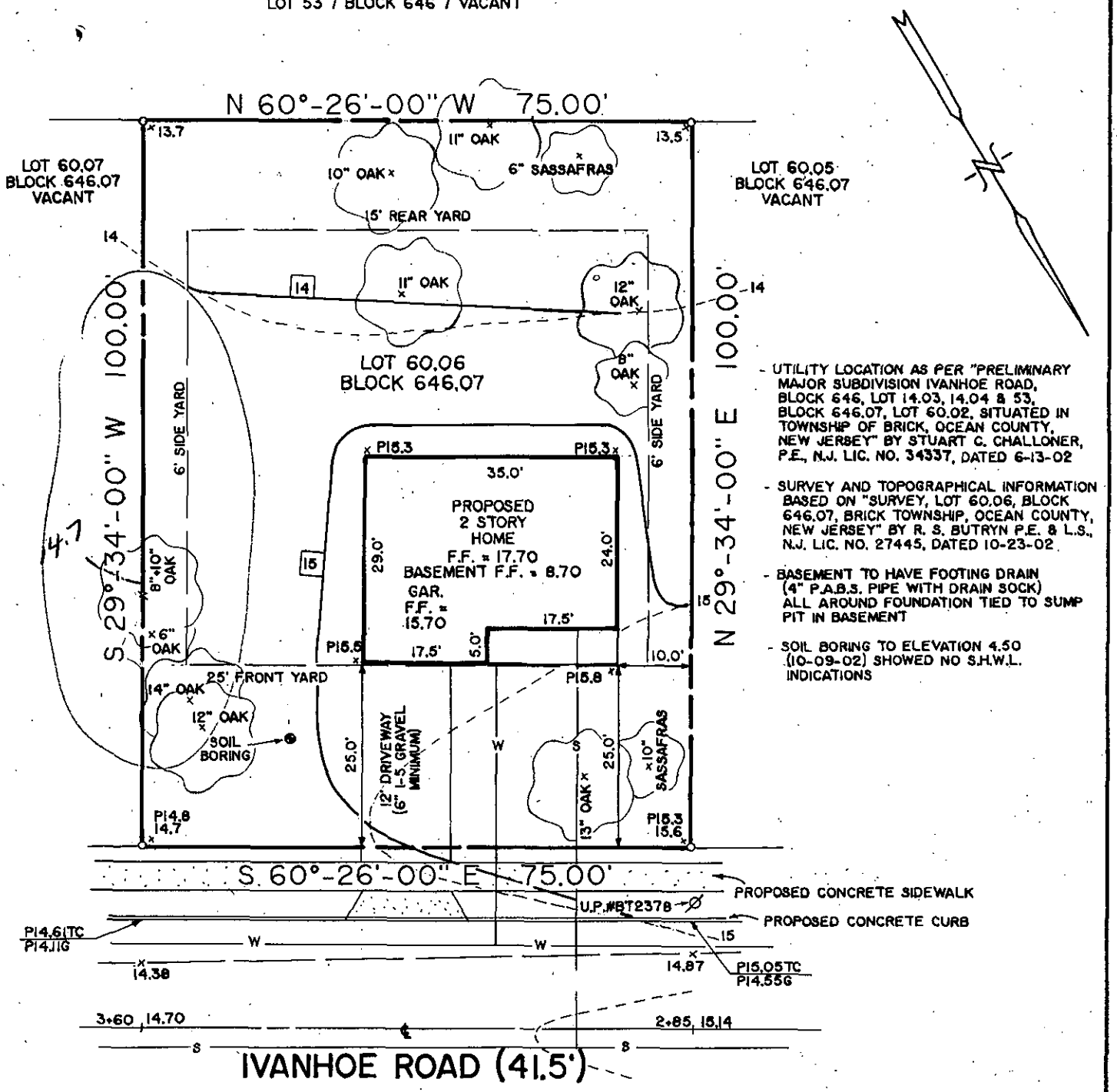

RICHARD S. BUTRYN

PROFESSIONAL ENGINEER & LAND SURVEYOR

749 SCHOOLHOUSE ROAD, BRICK, NEW JERSEY, 08724

(732) 836-9200, N.J., LICENCE # 27445


11-15-02

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# PLOT PLAN

LOT 60.06, BLOCK 646.07
BRICK TOWNSHIP
OCEAN COUNTY, NEW JERSEY

| | | | |
|---|---|---|---|
| JOB No. | 2174 | DR. BY | U.R. |
| SCALE | 1" = 20' | DATE | 10-28-02 |


RICHARD S. BUTRYN
PROFESSIONAL ENGINEER & LAND SURVEYOR
749 SCHOOLHOUSE ROAD, BRICK, NEW JERSEY, 08724
(732) 836-9200, N.J., LICENCE # 27445


10-28-02

Void

APPROVED FOR ZONING ONLY
SEAN KINNEVY, ZONING OFFICER
DATE 11-12-24

# TOWNSHIP OF BRICK
## PLOT PLAN REVIEW
## CHECKLIST

BLOCK 646.07 LOT 60.06 DATE RECEIVED _____

PROPERTY ADDRESS 619 IVANHOE RD

APPLICANT PSD CORPORATION PHONE 732-477-8200

ADDRESS PO BOX 4158 BRICK N.J 08723

CONTRACTOR SAME PHONE _____

ADDRESS SAME

TYPE OF WORK NEW CONSTRUCTION ZONING APPROVAL YES R75

FLOOD ZONE _____ FLOOD ELEV. _____

PANEL # _____ MAP # FILE # L3159 COUNTY DATE 7/9/02

PLANNING BOARD/BOARD OF ADJUSTMENT APPROVED YES X NO _____

| | | YES | NO | N/A |
|---|---|---|---|---|
| 1. | PLAN SIGNED & SEALED | X | | |
| 2. | SCALE OF NOT LESS THAN 1"-50' | X | | |
| 3. | EXISTING ELEVATIONS (NGVD IN FLOOD ZONES) | X | | |
| 4. | PROPERTY LINES, CORNERS, BEARINGS & DISTANCES | X | | |
| 5. | STREET GUTTER, CURB & CENTER LINE ELEVATIONS | X | | |
| 6. | CONTOURS; 1' INCREMENTS | X | | |
| 7. | ADJACENT DWELLING CORNERS & CORNER ELEVATIONS | X | | |
| 8. | PROPOSED GRADING/ELEVATIONS | X | | |
| 9. | GARAGE/1ST FLOOR/CRAWLSPACE/BASEMENT ELEVATIONS | X | | |
| 10. | PROPOSED DWELLING, DIMENSIONS & CORNER ELEVATIONS | X | | |
| 11. | METHOD OF DRAINAGE | X | | |
| 12. | NORTH ARROW | X | | |
| 13. | DRIVEWAY WIDTH/TYPE | X | | |
| 14. | DIMENSIONS/ACREAGE OF PARCEL/SETBACK LINES | X | | |
| 15. | PROPERTY ADDRESS/LOT & BLOCK NUMBER | X | | |
| 16. | SIDEWALK, CURB AND APRONS | X | | |
| 17. | PARKING AREAS | X | | |
| 18. | UTILITY & CONNECTIONS; WATER/SEWER/GAS/ELECTRIC | | X | |
| 19. | PLANTINGS, SEEDLINGS, SCREENINGS, FENCES, SIGNS | X | | |
| 20. | STREET WIDTH, STREET NAME, RIGHT-OF-WAY WIDTH | X | | |
| 21. | LIMITS OF CLEARING | X | | |
| 22. | BASEMENTS/DEDICATIONS/ENVIRONMENTAL CONSTRAINTS | | | |
| 23. | PRIOR APPR: ARMY CORP/NJDEP/SOIL EROSION, ETC. | | | X |
| 24. | EXISTING STRUCTURES | | N/A | X |
| 25. | RETAINING WALLS/SERVICE WALKS/OTHER MISC. ITEMS | | | X |

PLOT PLAN REVIEW Major Sub

APPROVED 11/19/02 REJECTED _____ SIGNED TR DATE 11/19/02

REVISION

APPROVED _____ REJECTED _____ SIGNED _____ DATE _____

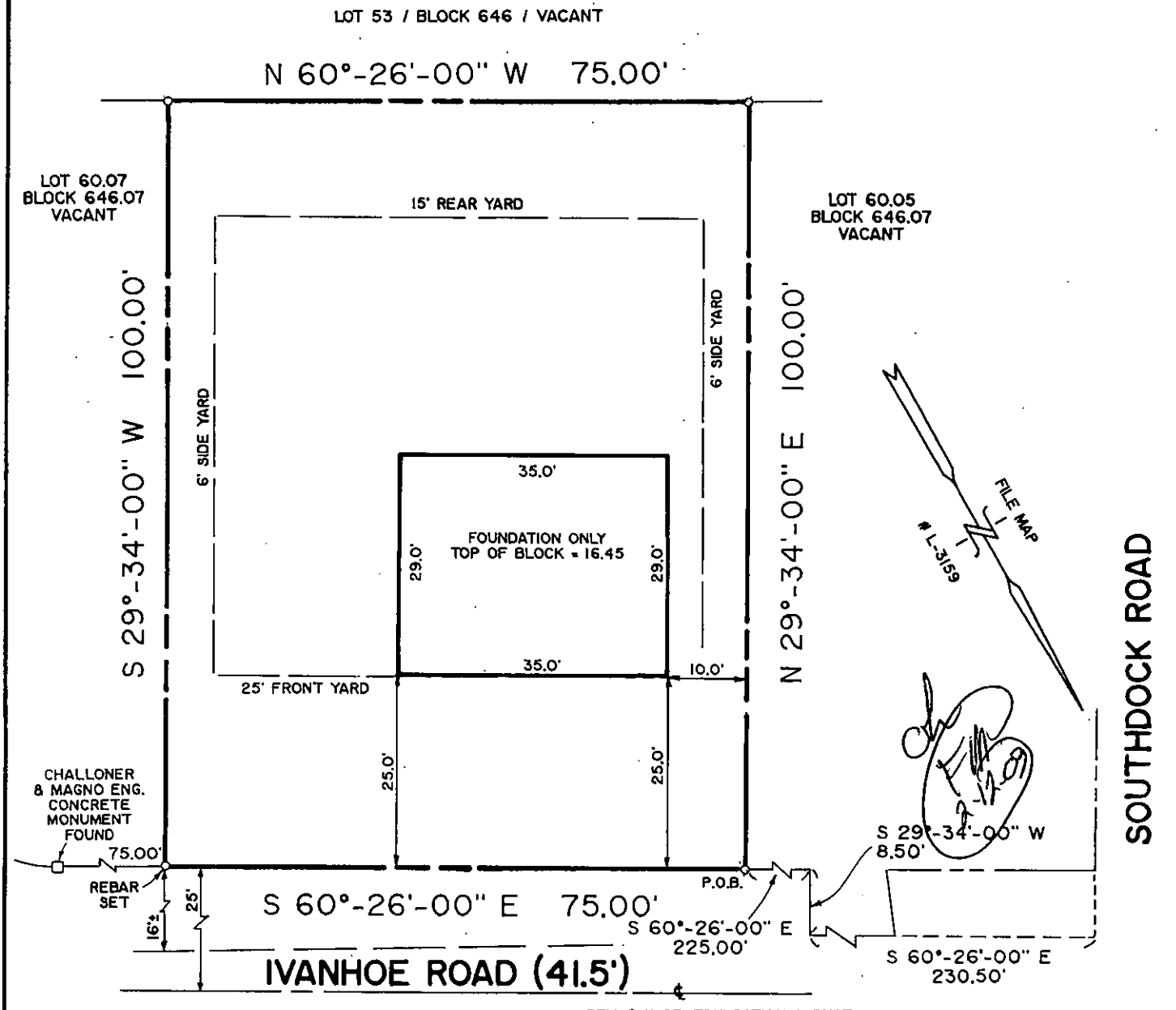
COMMENTS _____

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF AND IN MY PROFESSIONAL OPINION THAT THIS SURVEY IS TRUE AND CORRECT. THIS DECLARATION IS GIVEN SOLELY TO THE FOLLOWING PARTIES (I ASSUME NO RESPONSIBILITY OR LIABILITY TO ANY OTHER PARTIES):

- DONALD P. BERTRAND

NOTES:

- THIS SURVEY SUBJECT TO ANY EASEMENT OF RECORD AND OTHER PERTINENT FACTS WHICH AN ACCURATE TITLE SEARCH MIGHT DISCLOSE. THIS SURVEY DOES NOT INCLUDE SEARCHES FOR WETLANDS, FLOOD PLAINS, TIDELANDS CLAIM OR HAZARDOUS SUBSTANCES.
- WAIVER AND DIRECTION NOT TO SET CORNER MARKERS HAS BEEN OBTAINED FROM THE ULTIMATE USER PURSUANT TO N.J.A.C. 13:40-5.1(d)
- SURVEY FOR FOUNDATION LOCATION PURPOSES ONLY




REV. 2-11-03: FOUNDATION ASBUILT

# SURVEY

LOT 60.06, BLOCK 646.07
BRICK TOWNSHIP
OCEAN COUNTY, NEW JERSEY

| JOB No. | 2174 | DR. BY | U.R. |
|---|---|---|---|
| SCALE | 1" = 20' | DATE | 10-23-02 |


RICHARD S. BUTRYN
PROFESSIONAL ENGINEER & LAND SURVEYOR
749 SCHOOLHOUSE ROAD, BRICK, NEW JERSEY, 08724
(732) 836-9200, N.J., LICENCE # 27445


2-11-03

# Plumbing Plan Review Record

Work site location: 619 IVANHOE RD

Building Description: _____

Reviewed: _____

Date: 7/24/03

Correction list

| No. | Description | Code section |
|---|---|---|
| 1 | NEED GAS PIPE DRAWN - FOR FIREPLACE W/B.T.U.'S | |
| | CALLED BILL DALTON 732-458-2424 7/24/03 | |

# UNVENTED (VENT-FREE) FIREBOX Circulating Models

**Listed Certified for USA**

**ZVF33 certified to: ANZI Z21.11.2a – 1997, ANSI Z21.11.2 – 1996**
**ZVF36U, ZVF42U and ZVF52 certified as a Universal Firebox IAS 2-97**

# Owner's Operation and Installation Manual

**⚠ Warning**

Carefully review the instructions supplied with the decorative type unvented room heater for the minimum size requirement.

DO NOT INSTALL THE APPLIANCE IN THIS FIREBOX UNLESS THIS FIREBOX MEETS THE MINIMUM DIMENSIONS REQUIRED FOR THE INSTALLATION

Warnock Hersey us

**⚠ Warning**

FOR USE ONLY WITH DECORATIVE TYPE UNVENTED ROOM HEATERS

DO NOT BUILD A WOOD FIRE.

**⚠ Warning**

**If the information in this manual is not followed exactly, a fire or explosion my result causing property damage, personal injury, or loss of life.**

– Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

– WHAT TO DO IF YOU SMELL GAS

• Do not try to light any appliance.

• Do not touch any electrical switch; do not use any phone in your building.

• Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.

• If you cannot reach your gas supplier, call the fire department.

– Installation and service must be performed by a qualified installer, service agency, or the gas supplier.

**⚠ Warning**

Improper installation, adjustment, alteration, service, or maintenance can cause injury or property damage. Refer to this manual for correct installation and operational procedures. For assistance or additional information consult a qualified installer, service agency, or the gas supplier.

**⚠ Warning**

This is an unvented gas-fired heater. It uses air (oxygen) from the room in which installed. Provisions for adequate combustion and ventilation must be provided. Refer to Page 12.

**⚠ Warning**

The ZVF33 Firebox is to be used only with certain vent-free gas log heaters (see table 1, Page 4). Do not burn wood or other materials in these fireboxes.

**Save this manual for future reference** • 3 Winfield Way, Winnipeg, MB, Canada, Phone: (204) 632-1962 • Printed in Canada • PART #36VF-MAN Rev 09/02

# PRE-INSTALLATION QUESTIONS and ANSWERS

**Why does my fireplace or stove give off odour?**

It is normal for your fireplace to give off some odour. This is due to the curing of the paint, adhesives, silicones and any undetected oil from the manufacturing process as well as the finishing materials used with the installations (e.g. marble, tile and the adhesives used to adhere this product to the walls can react with heat and cause odours).

It is recommended that you burn your gas fireplace or stove for a minimum of four hours at a time with the fan off after the curing of the paint has been completed. These odours can last upward to 40 hours of burn time, keep burning at a minimum of four hours per use until odours dissipate.

**About curing of the paint**

Your stove or fireplace has been painted with the highest quality silicone stove paint. This paint dries quickly in 15-20 minutes when first applied at the factory. However, due to the high temperature silicone components, the paint will cure when heat is applied to the appliance as it is first used.
The following information **applies to the curing process** to get the paint fully hard and durable.

Fire the appliance four successive times for 10 minutes each firing and a 5 minute cool down between each. Be aware during log and firebox paint curing that a white deposit may be developing on the inside of the glass doors. It is important to remove this white deposit from the glass doors with an appropriate cleaner to prevent build-up (such as Windex or a commercial fireplace glass cleaner).

- Babies, small children, pregnant women and pets should leave the area during the cure phase.
- Ventilate well, open doors and windows.
- Do not touch during curing.

**Noise coming from the fireplace?**

- Noise caused by metal expanding and contracting as it heats up and cools down, similar to the sound produced by a furnace or heating duct. This noise does not affect the operation or longevity of your fireplace.

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# BURNER SYSTEM OPTIONS

The appropriate burner system must be ordered for each specific firebox, see chart below for required burner system and firebox.

**TABLE 1** - The ZVF36U and ZV42U and ZVF52 are also approved as a Universal Vent Free Box. See page 7 for more information.

**ZVF33 Vent Free Firebox Required burner system options: (Select from below to complete the fireplace)**

| Burner Model | Valve Type | Fuel Type | BTU – Input | Min/Max Inlet | Manifold Pressure | Orifice Size | Primary Air |
|---|---|---|---|---|---|---|---|
| ZVFB3330MAN | Manual | Natural Gas | 13,000 - 30,000 | 5.5"/10" | 1.5" - 4.4" | 39 | 0.187" |
| ZVFB3330MAP | Manual | Liquid Propane | 22,000 - 30,000 | 11"/13" | 8" - 10" | 51 | Full Open |
| ZVFB3330MVN | Millivolt | Natural Gas | 13,000 - 30,000 | 5.5"/10" | 1.6" - 3.5" | 36 | 0.187" |
| ZVFB3330MVP | Millivolt | Liquid Propane | 22,000 - 30,000 | 11"/13" | 6.3" - 10" | 52 | Full Open |

**ZVF36U/ZVF42U Vent Free Firebox Required Burner system: (Select from below to complete the fireplace)**

*Burner Systems – Controls are hidden and accessed through bottom grill*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ZVFB3633MAN | Manual | Natural Gas | 22,000 - 32,000 | 5.5"/10" | 1.5" - 4.4" | 36 | 0.218" |
| ZVFB3633MAP | Manual | Liquid Propane | 22,000 - 33,000 | 11"/13" | 8" - 10" | 50 | Full Open |
| ZVFB3633MVN | Millivolt | Natural Gas | 22,000 - 32,000 | 5.5"/10" | 1.6" - 3.5" | 35 | 0.218" |
| ZVFB3633MVP | Millivolt | Liquid Propane | 22,000 - 33,000 | 11"/13" | 6.3" - 10" | 51 | Full Open |

**ZVF52 Vent Free Firebox Required Burner system: (Select from below to complete the fireplace)**

*Burner Systems – Controls are hidden and accessed through bottom grill*

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ZVFB5240MVN | Millivolt | Natural Gas | 25,000 - 40,000 | 5.5"/10" | 1.6" - 3.5" | 31 | 0.25" |
| ZVFB5240MVP | Millivolt | Liquid Propane | 27,000 - 37,000 | 11"/13" | 6.3" - 10" | 50 | Full Open |

**The GL series of gas log sets can also be used in the ZVF36U, ZVF42U and ZVF52 Universal Fireboxes**

They feature the burner with grate and the controls underneath the log set inside the firebox.

(If using as a Universal box, see page 7)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| GLVF24MAN | Manual | Natural Gas | 20,000 - 35,000 | 5.5"/10" | 1.5" - 4.4" | 36 | 0.218" |
| GLVF24MAP | Manual | Liquid Propane | 24,000 - 30,000 | 11"/13" | 7" - 10" | 50 | Full Open |
| GLVF24MVN | Millivolt | Natural Gas | 20,000 - 35,000 | 5.5"/10" | 1.6" - 3.5" | 34 | 0.218" |
| GLVF24MVP | Millivolt | Liquid Propane | 24,000 - 30,000 | 11"/13" | 6.3" - 10" | 51 | Full Open |

36VF-106 Bottom Firebox Pan – *Required when GLVF24 is used with ZVF36, ZVF42 and ZVF52 or as a universal box.*

**Fibre Log Set - required for all the burners above.**

| | |
|---|---|
| LOGF18 | Fibre Log Set 18" (ZVF33/36U/42U/52) |
| LOGF24 | Fibre Log Set 24" (ZVF33/36U/42U/52) |
| LOGF30 | Fibre Log Set 30" (ZVF52 only) |

# SAFETY INFORMATION ⚠ WARNINGS

## WARNINGS

**Important:** Read this owner's manual carefully and completely before trying to assemble, operate, or service this firebox. Improper use of this firebox can cause serious injury or death from burns, fire, explosion, electrical shock, and carbon monoxide poisoning.

Early signs of carbon monoxide poisoning resemble the flu, with headaches, dizziness, and / or nausea. If you have these signs, the heater may not be working properly. **Get fresh air at once!** Turn off gas appliance. Have appliance serviced. Some people (such as pregnant women, persons with heart or lung disease, persons with anemia and those at high altitudes) are more affected by carbon monoxide than others. Make certain you read and understand all warnings.

**⚠ DANGER**

**CARBON MONOXIDE POISONING MAY LEAD TO DEATH!**

1. Use correct gas type for your appliance. Do not convert from one gas type to another.
2. If this appliance is for use with Propane gas, do not place propane supply tank(s) inside any structure. Locate propane supply tank(s) outdoors.
3. If you smell gas:
   – Shut off gas supply.
   – Do not try to light any appliance.
   – Do not touch any electrical switch; do not use any phone in your building.
   – Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
   – If you cannot reach your gas supplier, call the fire department.
4. Do not use this appliance for burning trash or cooking. Never place matches, paper, garbage, or any other material on top of logs or logs into flame.
5. Always operate appliance with front fireplace screens closed.
6. Make sure any safety screen or guard removed for servicing is in place before running appliance.
7. Never run appliance in a small, closed room. Open the door into next room to help ventilate.
8. If appliance shuts off, do not relight until you provide fresh outside air. If appliance keeps shutting off, have it serviced.
9. Do not run appliance:
   – where flammable liquids or vapors are used or stored.
   – under dusty conditions.
10. Surface of appliance becomes very hot when operating. Keep children and adults away from hot surface. Appliance will remain hot for some time after shutdown. Allow surface to cool before touching.
11. Do not use this appliance if any part has been submerged under water. Immediately call a qualified technician to inspect the appliance and to replace any part of the control system and gas control which has been under water.
12. The installation must conform with local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1.
13. Never install the appliance:
   – in a bedroom, bathroom, mobile home, or recreational vehicle.
   – where curtains, furniture, clothing, or other flammable objects are less than forty-two inches (42") from the front of the appliance.
   – in high traffic areas.
   – in windy or drafty areas.
14. Disconnect the appliance and its individual shut off valve from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig, (3.5kPa).

# SAFETY INFORMATION ⚠ WARNINGS Cont.

15. Isolate the appliance from the gas supply piping system by closing its individual manual shut off valve during any pressure testing of the the gas supply piping system at test pressure equal or less than 1/2 psig.
16. Do not use any type of after-market blower that fits inside the fireplace. Drafts created by these type of blowers may cause sooting.
17. Turn off appliance and let cool before servicing. Only a qualified service person should install, service and repair appliance.
18. Inspect the appliance before use and at least annually by a professional service person. Frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc. It is important that control compartment, burner and circulating air passage of the appliance be kept open.
19. When operated for the first time, there will be some smell from the appliance. This will diminish and disappear after a few hours of operation.
20. **Warning:** Do not allow fans to blow directly into the fireplace. Avoid any drafts that alter flame patterns.
21. **Warning:** Do not use a blower insert, heat exchanger insert or other accessory not approved for use with this heater.
22. The firebox canopy must not be replaced with a canopy which may be provided with the decorative type UNVENTED room heater.

## LOCAL CODES

Install and use fireplace with care. Follow all local codes. In the absence of local codes, use the latest edition of The National Fuel Gas Code ANSI Z223.1, also known as NFPA 54*. Firebox must be electrically grounded in accordance with the National Electrical Code, ANSI/NFPA 70 (latest edition).

*Available from:

American National Standards Institute, Inc.
1430 Broadway
New York, NY 10018
Quincy, MA 02260

National Fire Protection Association, Inc.
BatterymarchPark

**⚠ WARNING**

If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

## FOR YOUR SAFETY READ BEFORE LIGHTING

A. This appliance has a pilot which must be lighted by hand. When lighting the pilot, follow thses instructions exactly.

B. **Before lighting**, smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

**What to do if you smell gas**

- Do not try to light any appliance.
- Do not touch any electric switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

C. Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it, call a qualified service technician or gas supplier. Force or attempted repair may result in a fire or explosion.

D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

# UNIVERSAL FIREBOX

The ZVF36U, ZVF42U and ZVF52 are approved as a Zero Clearance Universal Firebox.

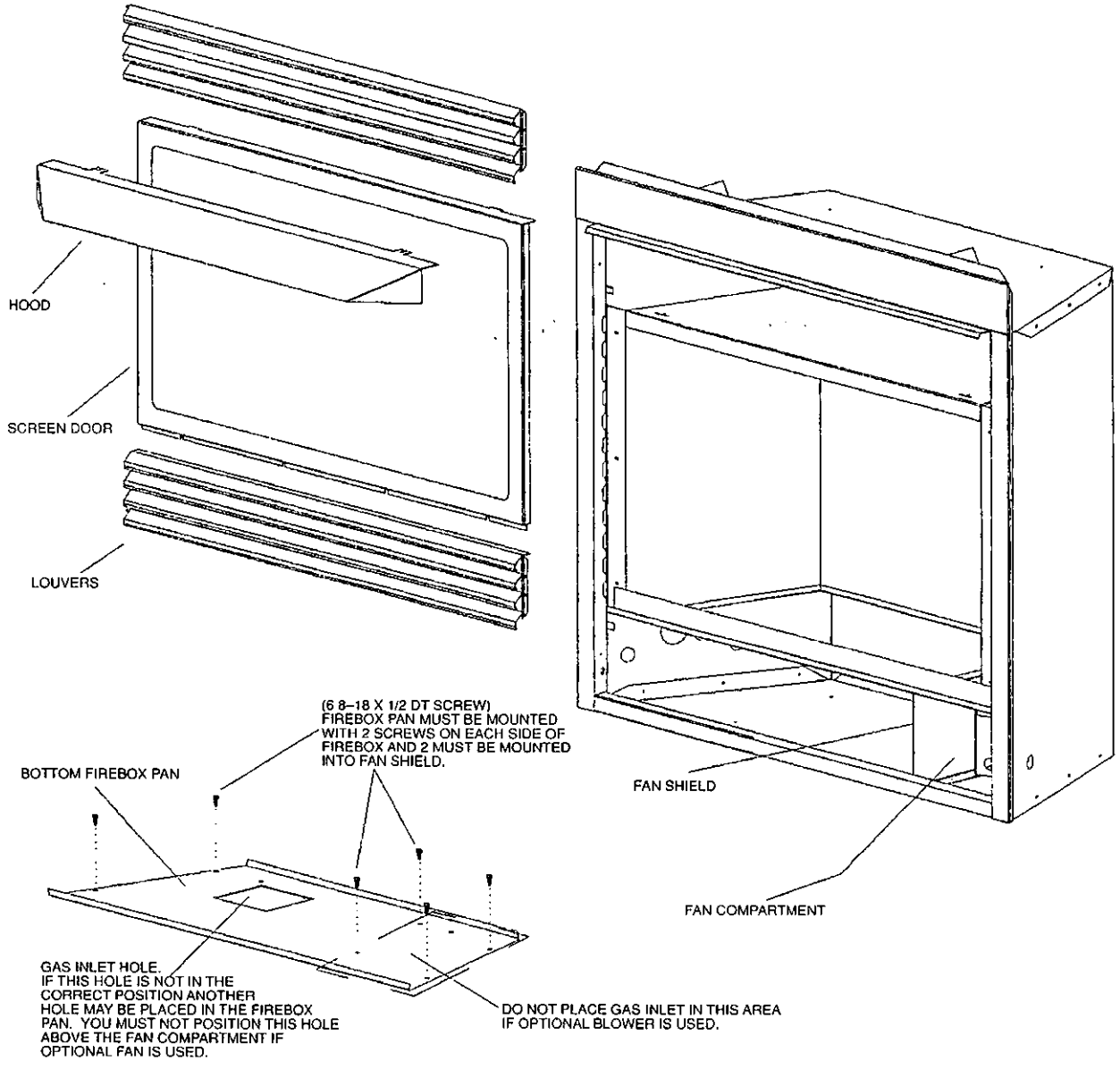
When installing another manufacturer's log and burner system, follow the manufacturer's assembly instructions.

For framing, see page 9 for ZVF36U Firebox or page 10 for ZVF42U Firebox and page 11 for ZVF52 Firebox. Follow all clearances to combustibles in this manual

When using the optional blower kit (Z33FK) in conjunction with the bottom tray (36VF-106) the two leads from the blower that attach to the thermodisc must be attached together and the thermodisc can be discarded. See page 34 for wiring.

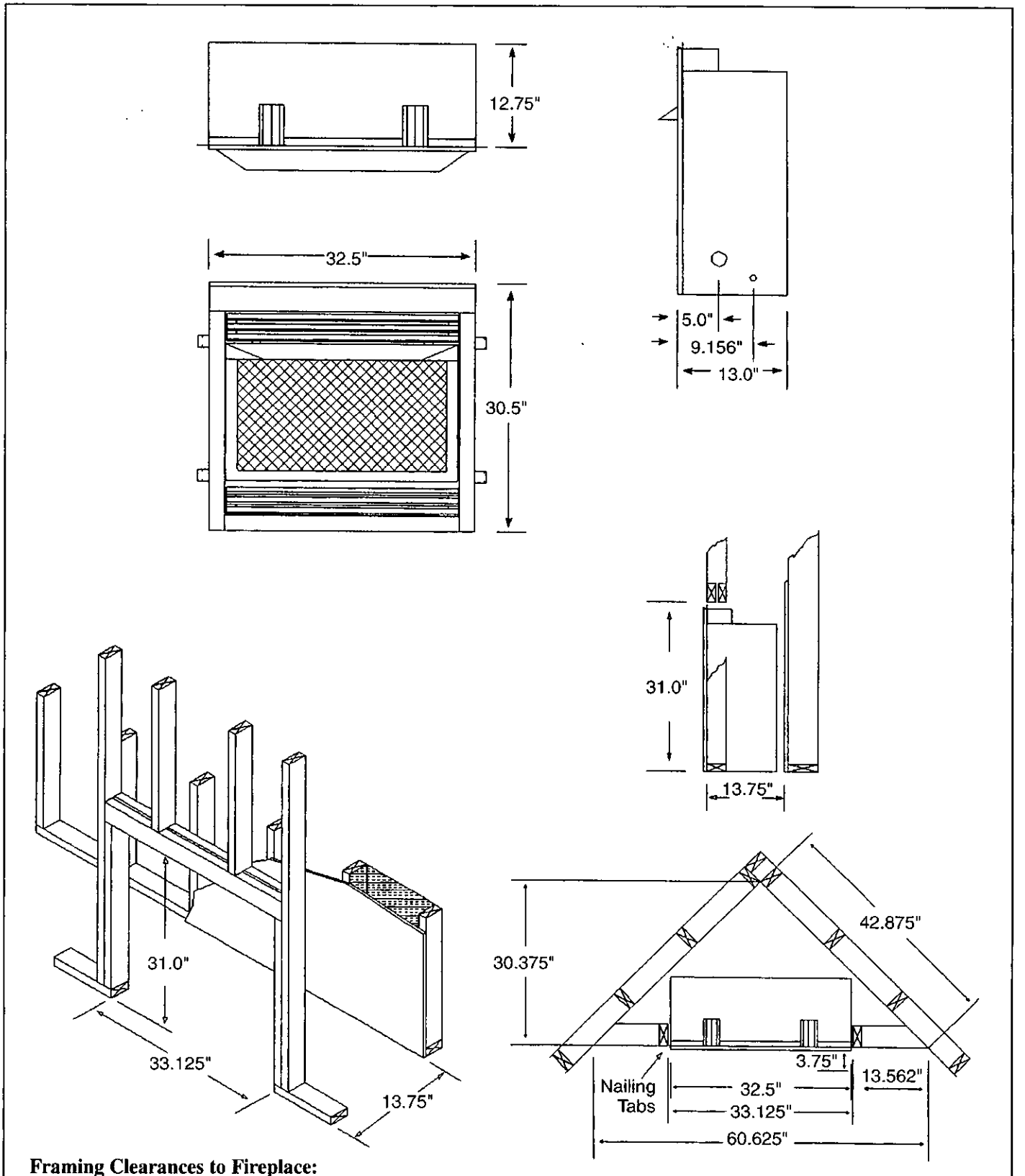
The Firebox canopy must not be replaced with a canopy which may be provided with the decorative type unvented room heater.
USE ONLY KINGSMAN DECORATIVE COMPONENT AND REPLACEMENT PARTS.

| Firebox # | Firebox Width Front | Firebox Width Back | Firebox Depth | Firebox Max BTU |
|---|---|---|---|---|
| ZVF36U | 29" | 22 1/2" | 15" | 40,000 |
| ZVF42U | 33 3/8" | 26 3/8" | 15" | 40,000 |
| ZVF52 | 41 1/2" | 30 3/8" | 17 1/2" | 40,000 |



# FRAMING SPECIFICATIONS

## ZVF33 FIREPLACE AND FRAMING DIMENSIONS

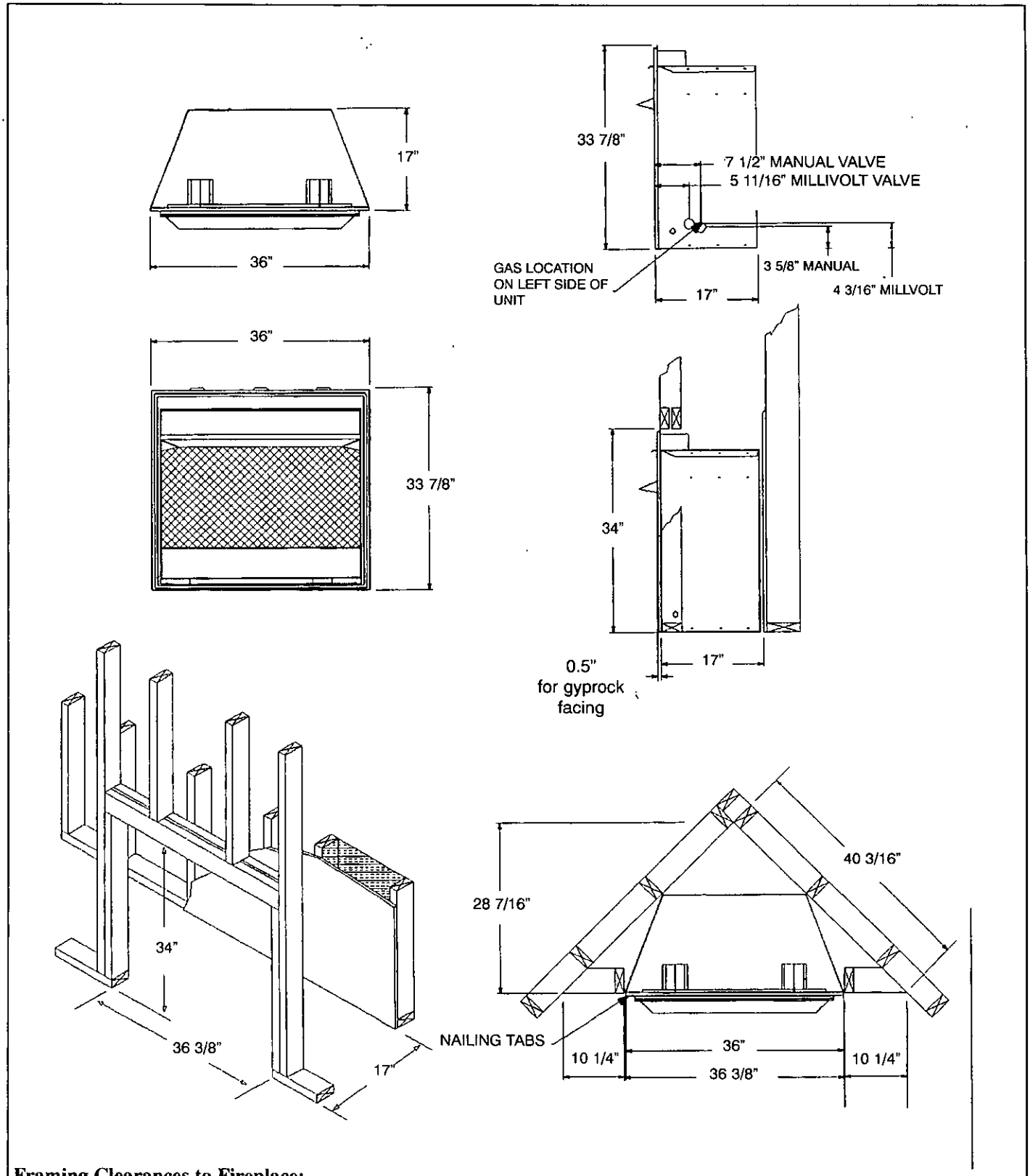



**Framing Clearances to Fireplace:**
Bottom – 0 / Sides – 0 to standoffs / Top – 0 to standoffs / Adjacent side wall – 6" / Front of fireplace to ceiling – 41".

FIGURE 1 – ZVF33

# FRAMING SPECIFICATIONS Cont.

## ZVF36U FIREPLACE AND FRAMING DIMENSIONS

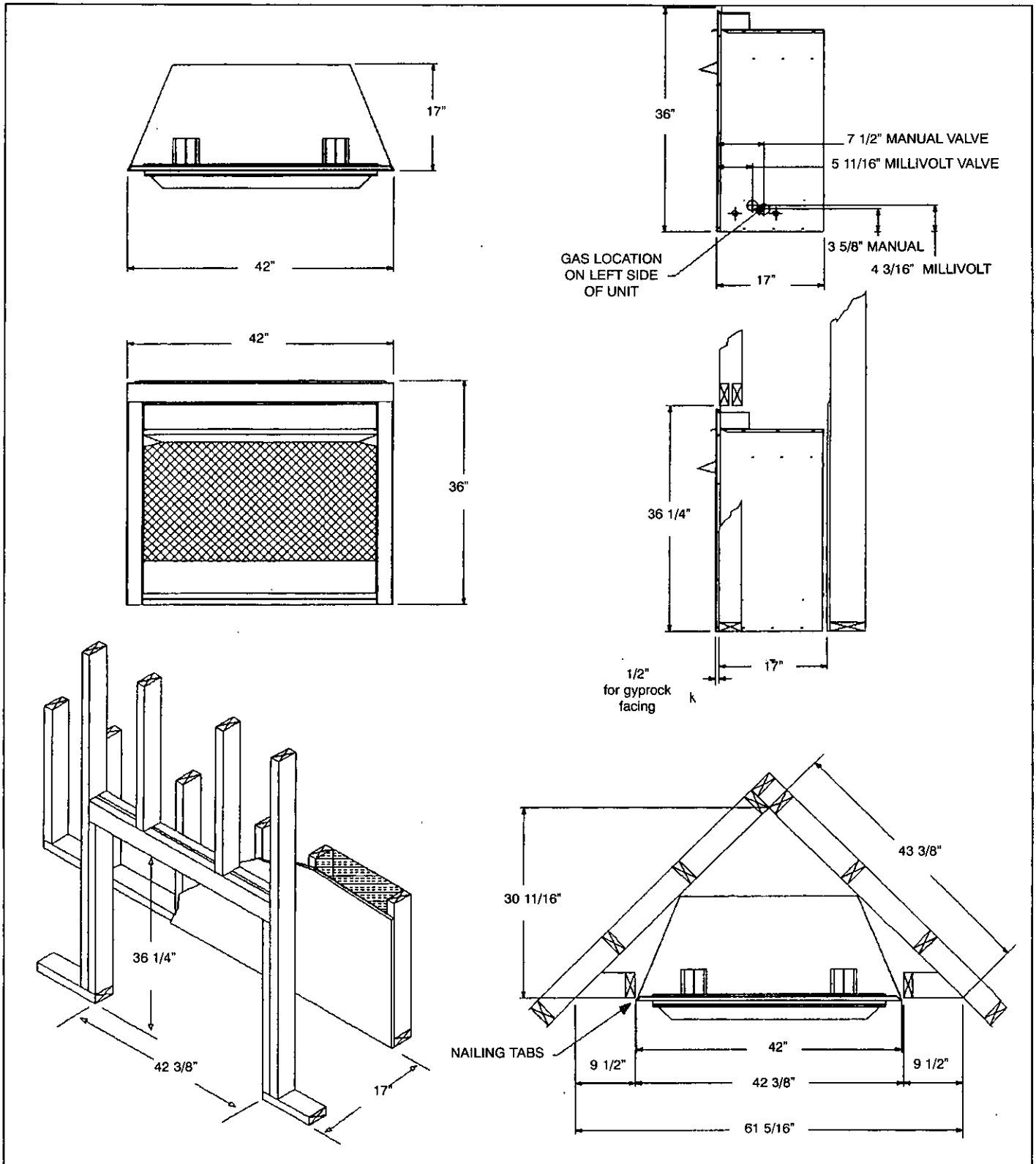



**Framing Clearances to Fireplace:**
Bottom – 0 / Sides – 0 to standoffs / Top – 0 to standoffs / Adjacent side wall – 6" / Front of fireplace to ceiling – 41".

**FIGURE 2 – ZVF36U**

# FRAMING SPECIFICATIONS Cont.

## ZVF42U FIREPLACE AND FRAMING DIMENSIONS

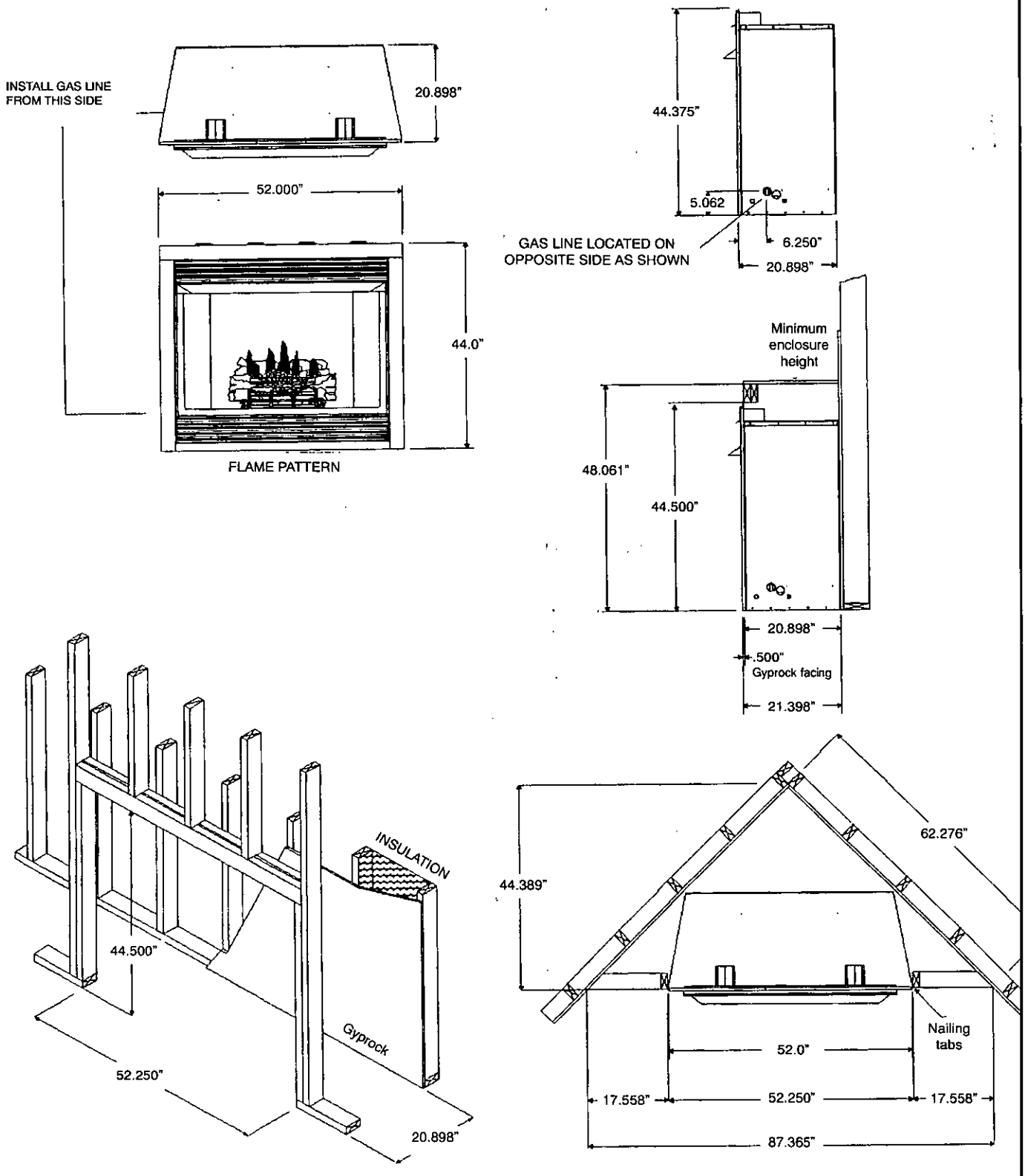



**Framing Clearances to Fireplace:**
Bottom – 0 / Sides – 0 to standoffs / Top – 0 to standoffs / Adjacent side wall – 6" / Front of fireplace to ceiling – 41".

FIGURE 3 – ZVF42U

# FRAMING SPECIFICATIONS

## ZVF52 FIREPLACE AND FRAMING DIMENSIONS




**Framing Clearances to Fireplace:**
Bottom – 0" / Sides – 0" to standoffs / Top – 0" to standoffs / Adjacent side wall – 6" / Front of fireplace to ceiling – 41".

**FIGURE 4 – ZVF52**

# AIR FOR COMBUSTION AND VENTILATION

Today's homes are built more energy efficient than ever. New materials, increased insulation, and new construction methods help reduce heat loss in homes. Home owners weather strip and caulk around windows and doors to keep the cold air out and the warm air in. During heating months, home owners want their homes as airtight as possible.

**⚠ WARNING**

This firebox shall not be installed in a confined space unless provisions are provided for adequate combustion and ventilation air. Read the following instructions to insure proper fresh air for this and other fuel-burning appliances in your home.

While it is good to make your home energy efficient, your home needs to breathe. Fresh air must enter your home. All fuel-burning appliances need fresh air for proper combustion and ventilation.

Exhaust fans, fireboxes, clothes dryers, and fuel burning appliances draw air form the house to operate. You must provide adequate fresh air for these appliances. This will insure proper venting of vented fuel-burning appliances.

## PROVIDING ADEQUATE VENTILATION

The following are excerpts from *National Fuel Gas Code. NFPA 54/ANSI Z223.1, Section 5.3, Air for Combustion and Ventilation:*

All spaces in homes fall into one of the three following ventilation classifications:
1. Unusually Tight Construction, 2. Unconfined Space, 3. Confined Space.

The information on pages 13 through 15 will help you classify your space and provide adequate ventilation.

**Unusually Tight Construction**

The air that leaks around doors and windows may provide enough fresh air for combustion and ventilation. However, in building of usually tight construction, you must provide additional fresh air.

**Unusually tight construction is defined as construction where:**

a. **walls and ceilings exposed to the outside atmosphere have a continuous water vapor retarder with a rating of one perm (6 x 10-11 per pasec-m2) or less with openings gasketed or sealed and**
b. **weather stripping has been added on openable windows and doors *and***
c. **caulking or sealants are applied to areas such as joints around window and door frames, between sole plates and floors, between wall-ceiling joints, between wall panels, at penetrations for plumbing, electrical, and gas lines, and at other openings.**

**If your home meets all of the three criteria above, you must provide additional fresh air.**
**See *Ventilation Air From Outdoors*, page 15.**

**Confined and Unconfined Space**

The National Fuel Gas Code *(ANSIZ223.1, 1992 Section 5.3)* defines a confined space as a space whose volume is less than 50 cubic feet per 1,000 btu per hour (4.8 m3 per kw) of the aggregate input rating of all appliances installed in that space. Rooms communicating directly with the space in which the appliances are installed*, through openings not furnished with doors, are considered a part of the unconfined space.

*Adjoining rooms are communicating only if there are doorless passageways or ventilation grills between them.

## DETERMINING AIR FLOW FOR FIREBOX LOCATION

**Determining if You Have a Confined or Unconfined Space**

Use the work sheet on the next page to determine if you have a confined or unconfined space.

**Space:** Includes the room in which you will install firebox plus any adjoining rooms with doorless passageways or ventilation grills between the rooms.

# AIR FOR COMBUSTION AND VENTILATION Cont.

1. Determine the volume of the space (length x width x height).
   Length x Width x Height = _____ cu. ft. (volume of space)
   *Example:* Space size 22ft. (length) x 18 ft. (width) x 8 ft. (ceiling height) = 3168 cu. ft. (volume of space)

   If additional ventilation to adjoining room is supplied with grills or openings, add the volume of these rooms to the total volume of the space.

2. Divide the space volume by 50 cubic feet to determine the maximum Btu/Hr the space can support.
   _____ (volume of space) ÷ 50 cu. ft. = 63.3 or 63,300 (maximum Btu/Hr the space can support)

3. Add the Btu/Hr of all fuel burning appliances in the space.

| | | |
|---|---|---|
| Vent-free firebox | | _____ Btu/Hr |
| Gas water heater* | | _____ Btu/Hr |
| Gas furnace | | _____ Btu/Hr |
| Vented gas heater | | _____ Btu/Hr |
| Gas firebox logs | | _____ Btu/Hr |
| Other gas appliances* | + | _____ Btu/Hr |
| Total | = | _____ Btu/Hr |

| | | |
|---|---|---|
| Example: | Gas water heater | 40,000 Btu/Hr |
| | Vent-free firebox with log heater | + 39,000 Btu/Hr |
| | Total | = 79,000Btu/Hr |

   * Do not include direct-vent gas appliances. Direct-vent draws combustion air from the outdoors and vents to the outdoors.

4. Compare the maximum Btu/Hr the space can support with the actual amount of Btu/Hr used.
   _____ Btu/Hr (maximum the space can support)
   _____ Btu/Hr (actual amount of Btu/Hr used)
   Example: 63,300 Btu/Hr (maximum the space can support)
   79,000 Btu/Hr (actual amount of Btu/Hr used)

The space in the above example is a confined space because the actual Btu/Hr used is more than the maximum Btu/Hr the space can support. You must provide additional fresh air. Your options are a follows:

A. Rework work sheet, adding the space of an adjoining room. If the extra space provides and unconfined space, remove door to adjoining room or add ventilation grills between rooms, See *Ventilation Air from Inside Building*, page 14.

B. Vent room directly to the outdoors. *See ventilation Air from Outdoors*, page 15.

C. Install a lower Btu/Hr firebox, if lower Btu/Hr size makes room unconfined.

If the actual Btu/Hr used is less than the maximum Btu/Hr the space can support, the space is an unconfined fined space. You will need no additional fresh air ventilation.

**⚠ WARNING**

If the area in which the firebox and gas log heater may be operated is smaller than that defined as an unconfined space, provide adequate combustion and ventilation air by one of the methods described in the National Fuel Gas Code, ANSI Z223.1, 1992, Section 5.3.

## VENTILATION AIR FROM INSIDE BUILDING

This fresh air would come from an adjoining unconfined space. When ventilating to an adjoining unconfined space, you must provide two permanent openings: one within 12" of the ceiling and one within 12" of the floor on the wall connecting the two spaces. You can also remove door into adjoining room. Follow the *National Fuel Gas Code NFPA 54/ANSIZ223.1, Section 5.3, Air for Combustion and Ventilation* for required size of ventilation grills or ducts.

**⚠ WARNING**

Rework worksheet, adding the space of the adjoining unconfined space. The combined spaces must have enough fresh air to supply all appliances in both spaces.

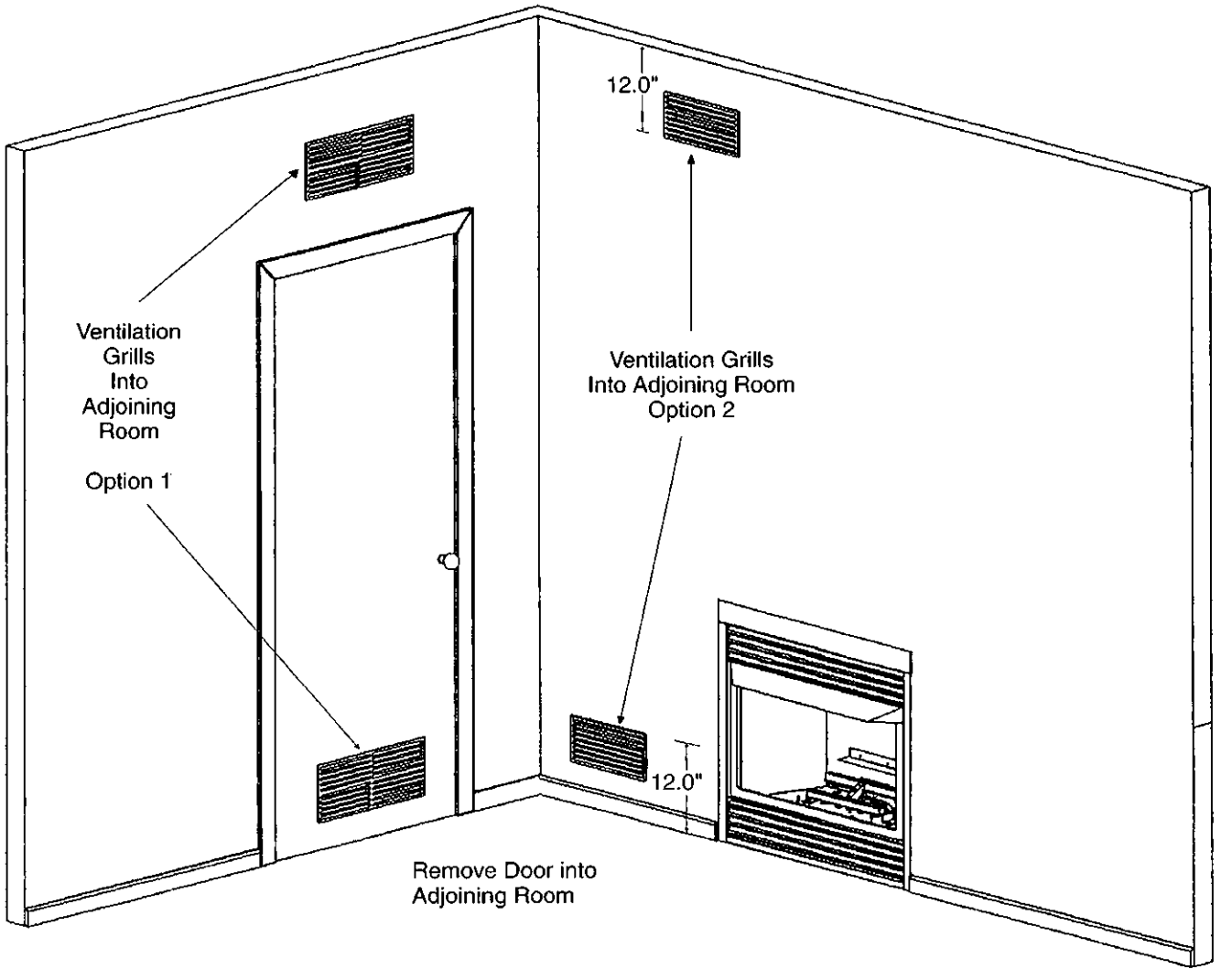



**FIGURE 5 - Ventilation Air from Inside Building**

# AIR FOR COMBUSTION AND VENTILATION Cont.

## Ventilation Air From Outdoors

Provide extra fresh air by using ventilation grills or ducts. You must provide two permanent openings: one within 12" of the ceiling and one within 12" of the floor. Connect these items directly to the outdoors or spaces open to the outdoors. These spaces include attics and crawl spaces.

**IMPORTANT:** Do not provide openings for inlet or outlet air into attic if attic has a thermostat-controlled power vent. Heated air entering the attic will activate the power vent.

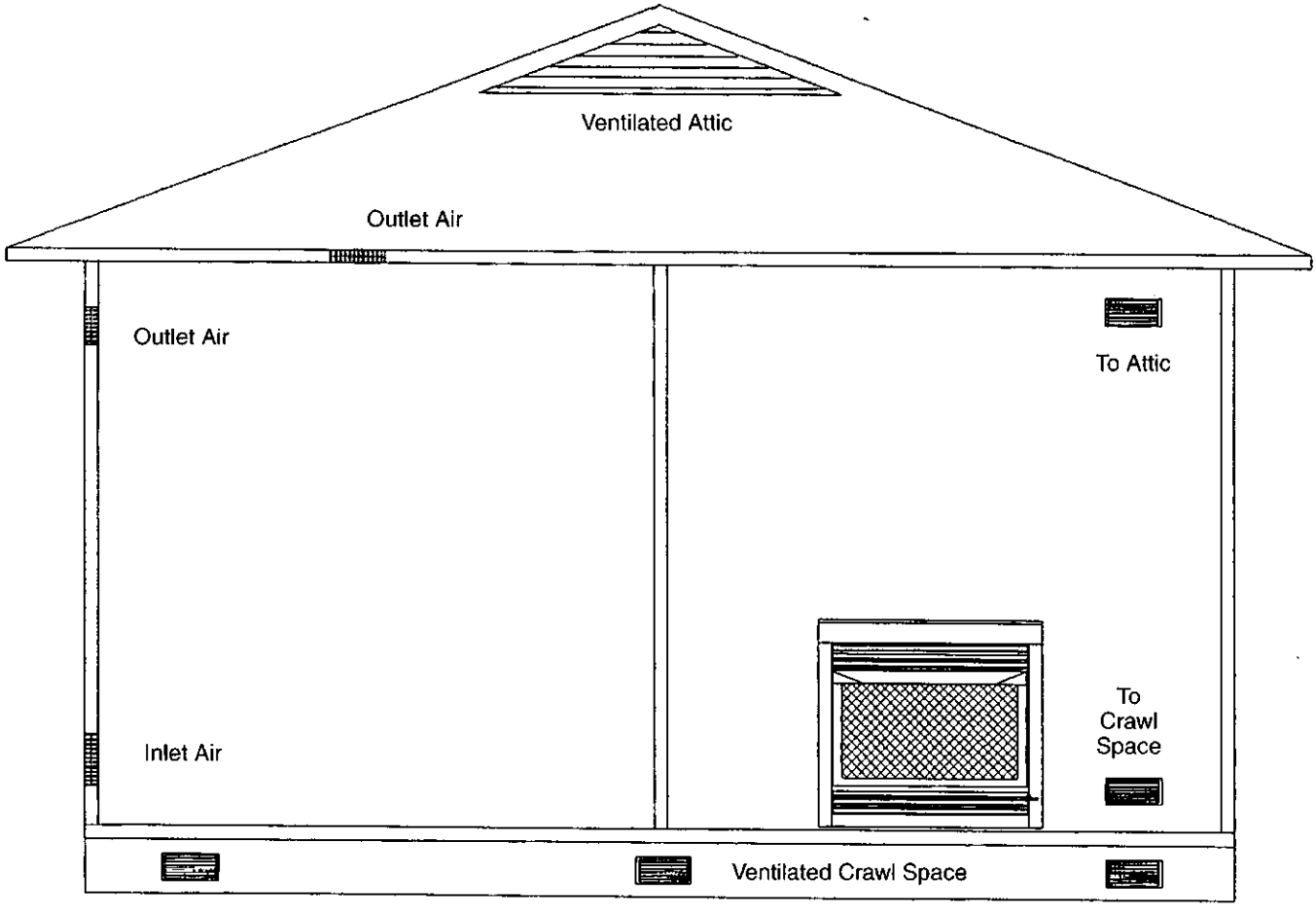



**FIGURE 6 - Ventilation Air from Outdoors**

# INSTALLING – Clearances

## NOTICE

A qualified service person must install firebox. Follow all local codes.

## ⚠ WARNING

Never install the firebox
- in a bedroom or bathroom
- in a recreational vehicle
- where curtains, furniture, clothing, or other flammable objects are less than 36 inches from the front, top, or sides of the firebox
- in high traffic areas
- in windy or drafty areas

**IMPORTANT:** Vent-free gas log heaters add moisture to the air. Although this is beneficial, installing firebox in rooms without enough ventilation air may cause mildew to form from too much moisture. See *Air for Combustion and Ventilation*, pages 12 through 15.

**IMPORTANT:** Make sure the firebox is level. If firebox is not level, log set will not work properly.

## INSTALLATION CLEARANCES

Carefully follow the instructions below. This will ensure safe installation.

**Minimum Wall and Ceiling Clearances**

A. Clearances from the firebox to adjacent wall should not be less than 6 inches.
B. Clearance from the top of the fireplace front to the ceiling should not be less than 41 inches.
C. Clearance from the bottom of firebox to the floor is 0 inches.
D. Clearance from side of fireplate to enclosure is 0 inches.
E. Clearance from top of fireplate standoffs is 0 inches.

These fireboxes can be installed as freestanding units against a wall with the approved, optional cabinet mantels or as a built-in unit. The clearances are the same for either installation method.

## ⚠ WARNING

Ensure the minimum clearances shown in Figures 7 and 8 are maintained. Left and right clearances are determined when facing the front of the heater.

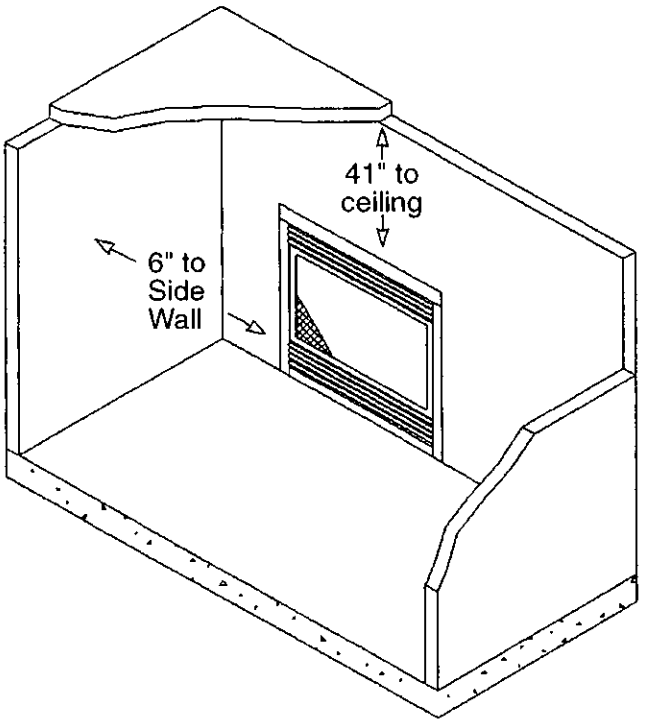



**FIGURE 7 – Minimum Clearances - Top and Sides of Room Heater to Ceiling and Walls.**

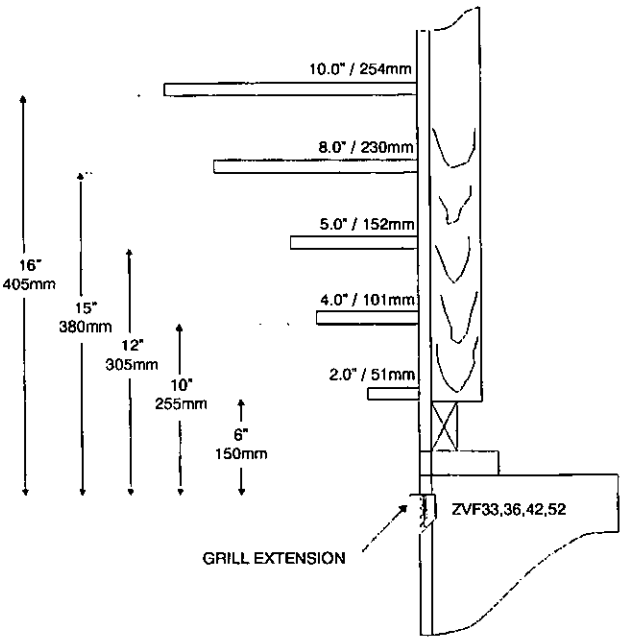



**FIGURE 8 – Mantel Clearances.**

## ⚠ WARNING

Maintain the minimum clearances. If you can, provide greater clearances from floor, ceiling, and adjoining wall.

# INSTALLING – Framing

## INSTALLING BY FRAMING FIREPLACE

Built-in installation of this firebox involves installing firebox into a framed-in enclosure. Optional brass trim accessories are available. The brass trim will extend past sides of firebox. This will cover the rough edges of the wall opening. If installing a mantel above the firebox, you must follow the clearances shown in Figure 8, above. Follow the instructions below to install the firebox in this manner.

1. Frame in rough opening. The firebox framing should be constructed of 2 x 4 lumber or heavier. Use dimensions in Table 2 and rough opening layout in Figure 1, 2 and 3, pages 8, 9 and 10. Adjust framing so that firebox is flush with finished wall surface.

**TABLE 2 – ROUGH OPENING DIMENSIONS FOR BUILT-IN INSTALLATION**

| MODEL # | FRT WIDTH (Inside to Inside) | HEIGHT | DEPTH (Minimum) |
|---|---|---|---|
| ZVF33 | 33⅜" | 31" | 13¾" |
| ZVF36U | 36⅜" | 34" | 17" |
| ZVF42U | 42⅜" | 36¼" | 17" |
| ZVF52 | 52⅜" | 44½" | 20⅞" |

2. Install gas piping to firebox location. See *Installing Gas Line* on page 19 and *Connecting to Gas Supply* in log set owners manual. **IMPORTANT:** If installing blower accessory see page 34.
3. Carefully insert firebox into rough opening.
4. Attach firebox to wall studs using nails or wood screws through holes in nailing flange.
5. If using optional Brass Surround Kit, install the trim after final finishing and/or painting of wall. See instructions included with brass trim accessory for attaching Surround.
6. Install and properly test gas log heater. Follow installation instructions included with the vent-free gas log heater that is being installed.

**IMPORTANT:** When finishing your firebox, combustible materials such as wall board, gypsum board, sheet rock, drywall, plywood, etc. may be butted up to the sides and top of the firebox. Combustible materials should never overlap the firebox front facing.

**IMPORTANT:** Non-combustible materials such as brick, tile, etc. may overlap the front facing, but should never cover any necessary openings like louvered slots.

**⚠ CAUTION**

Do not install the firebox on carpet or vinyl.

**⚠ CAUTION**

Log heaters installed in this firebox create warm air currents. These currents move heat to wall surfaces next to firebox. Installing firebox next to vinyl or cloth wall coverings or operating firebox where impurities in the air (such as tobacco smoke) exist, may discolor walls.

**⚠ WARNING**

Do not allow any materials to overlap the firebox front facing.

**⚠ WARNING**

Do not allow non-combustible materials to cover any necessary openings like louvered slots.

**⚠ WARNING**

Use only non-combustible mortar or adhesives when overlapping the front facing with non-combustible facing material.

**⚠ WARNING**

Never modify or cover the louvered slots on the front of the firebox.

# INSTALLING – Mantel Cabinets

## INSTALLING FIREBOX USING OPTIONAL PRE-BUILT MANTEL CABINETS

This firebox may be installed using a cabinet mantel accessory against a wall in your home. The firebox and cabinet mantel can be installed directly on the floor.

1. Assemble cabinet mantel. Assembly instructions are included with each accessory.
2. If using an optional Blower, install a properly grounded, 120 volt three-prong electrical outlet. See *Installing optional Fan Kit,* page 34, for complete installation. If possible, locate outlet so cabinet mantel will cover it when installed (see Figure 9).
3. Install gas piping to firebox location. See *Installing Gas Line,* page 19. You may have to cut an access hole in the floor or wall to run gas line to firebox. Make sure to locate access hole so cabinet mantel will cover it when installed (see Figure 9).
4. Place cabinet mantel on floor in desired location. Make sure mantel is flush against wall.
5. Carefully insert firebox into cabinet mantel. Be careful not to scratch firebox, cabinet mantel, flooring, etc. when installing.
6. Install and properly test gas log heater. Follow installation instructions included with the vent-free gas log heater that is being installed.

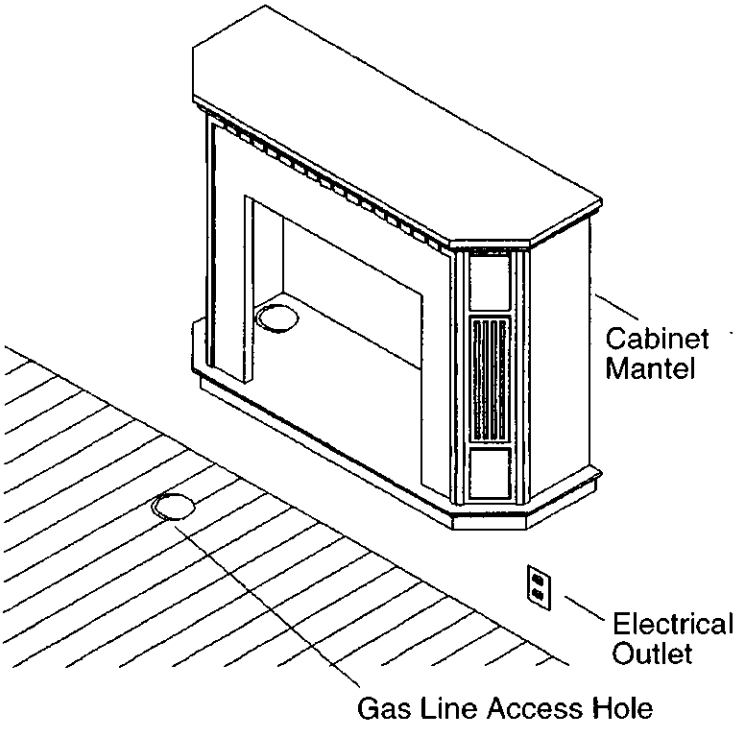



**FIGURE 9 – Installing Cabinet Mantel**

### NOTICE

A qualified service person must install firebox. Follow all local codes.

### ⚠ WARNING

Any changes to this heater or its controls can be dangerous.

### NOTICE

Installation and repair should be done by a qualified service person well trained in the installation of such appliances. You will also need a building permit from your local Building Commissioner before installing this appliance, otherwise your insurance company may not cover this appliance.

### ⚠ DANGER

**CARBON MONOXIDE POISONING MAY LEAD TO DEATH!**

### ⚠ CAUTION

Use new black pipe only. Internally tinned copper tubing can be used in some areas when permitted by local codes. Only use pipe of 1/2" or greater diameter to allow full gas volume to heater. Excessive pressure loss will occur if the pipe is too small.

A manual shutoff valve, union and plugged ⅛" NPT pressure tap pointer must be installed upstream of the heater.

A sediment trap must be installed upstream of the heater to prevent moisture and contaminants from passing through the pipe to the heater controls and burners. Failure to do so could prevent the heater from operating reliably.

# INSTALLING - Gas Line

## INSTALLING GAS LINE

Early signs of carbon monoxide poisoning resemble the flu, with headaches, dizziness, and / or nausea. If you have these signs, the heater may not be working properly. **Get fresh air at once!** Turn off gas appliance. Have appliance serviced. Some people (such as pregnant women, persons with heart or lung disease, persons with anemia and those at high altitudes) are more affected by carbon monoxide than others. Make certain you read and understand all warnings.Place Burner Base or Grate Assembly in center of firebox and connect flexible gas line to incoming black iron pipe gas line.

**Do not connect appliance before pressure testing gas piping. Damage to gas valve may result and an unsafe condition may be caused.**

Prepare incoming black iron gas line with **Teflon tape** or **pipe joint compound** (check with local codes about the use of Teflon tape). Compounds used on threaded joints of gas piping shall be resistant to the action of Liquefied Petroleum (LP or Propane) and should be applied lightly to ensure excess sealant does not enter the gas line.

**⚠ CAUTION**

All gas piping and connections must be tested for leaks after installation is completed. To test, turn gas valve on, then apply a soap and water solution to all connections and joints. If bubbles appear, leak can be detected and corrected. **Never use an open flame for leak testing. Never operate any appliance if a leak is detected!**

**⚠ CAUTION**

Any safety screen or guard removed for servicing an appliance must be replaced prior to operating the heater.

Complete your gas installation by connecting incoming gas line to regulator. Secure all joints tightly with wrench but **do not over-tighten.** If a flexible gas line is used, take care not to kink connector. The burner pressure is controlled by the regulator. Check pressure at the pressure test point, which is located on the side of the gas control near the pilot outlet. Make sure that the pressure tap is completely closed after checking gas pressure. The pressure should be checked with the appliance burning and the control set on high.

**IMPORTANT:** Loosen the pipe adapter on the flex tube before installing to the system piping.

**CHECK GAS TYPE:** The gas supply must be the same as stated on the heater's rating plate. If the gas supply is different, Do Not Install the heater. Contact your dealer for the correct model.

For the state of Massachusetts a **T-handle gas shut-off valve** must be used on a gas appliance. This T-handle gas shut-off valve must be listed and approved by the state of Massachusetts. This is in reference to the state of Massachusetts state code CMR238.

**NOTICE**

A qualified gas appliance installer must connect the fireplace to the gas supply. Consult all local codes.

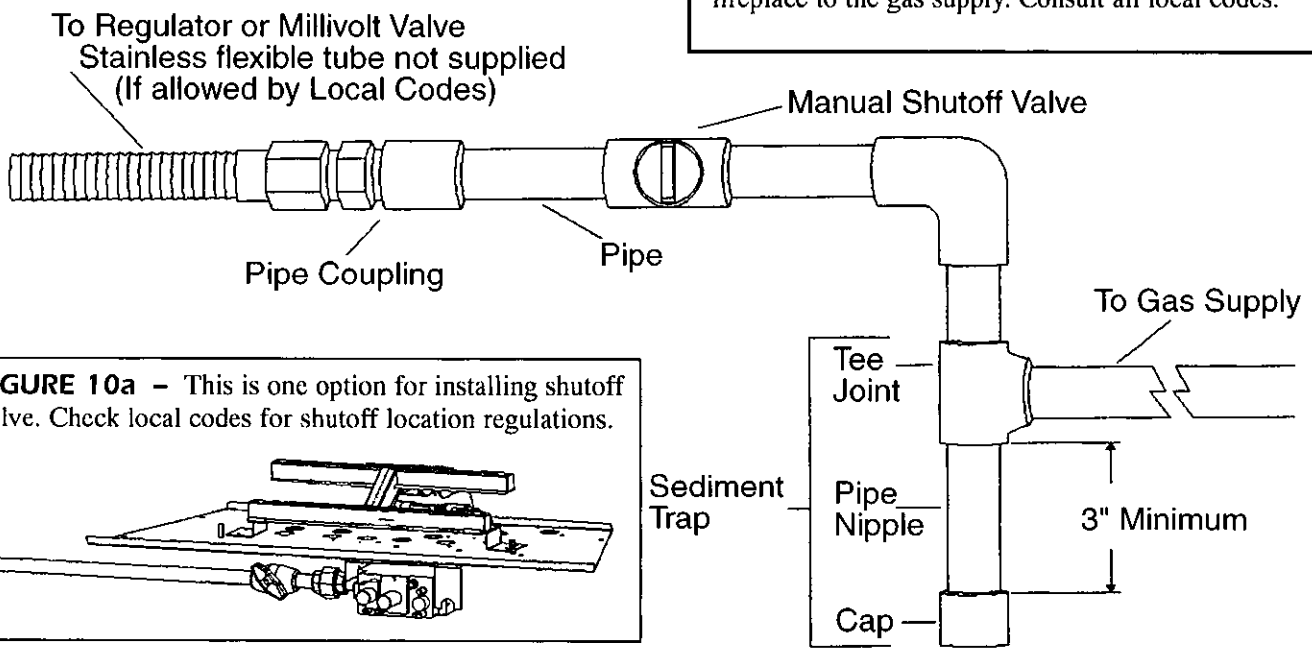



**FIGURE 10a** – This is one option for installing shutoff valve. Check local codes for shutoff location regulations.



***FIGURE 10, 10a – Installing gas line and manual shutoff valve***

## INSTALLING BURNER SYSTEMS INTO FIREBOX

The Zero Clearance Fireplace ZVF33 Series can be installed with it's listed burners only. The Zero Clearance Fireplaces ZVF36U/ZVF42U/ZVF52 Series have the option of being installed with either their listed burner systems or the GLVF24 Vent Free Burner Systems or other approved vent free burner systems

**Installing ZVF 33 / 36U / 42U/ 52 Burner System**

1. Remove rear log support using 1/4" nut driver
2. Remove screws from Universal pan and discard pan (ZVF36U,ZVF42U,ZVF52U only)
3. If using optional blower, it is recommended to install fan now to make installation easier (see page 34)
4. Place burner assembly into firebox and line up holes on burner assembly with holes in firebox base. Using screws supplied or removed in step 2, mount two screws on either side of pan and two into fan shield if applicable.
5. Re-install log support removed in step 1.
6. Connect gas supply to the burner system (see page 19)
7. Proceed with log placement (see page 21-30).

**Installing GLVF24 Vent Free Burner System with grate**

1. If using optional blower it is recommended to install fan now to make installation easier. (See *Installation of Optional Fan Kit*, page 34.)
2. Remove the rear log support using a ¼" nut driver and discard.(ZVF 36U,42U and 52)
3. Follow instructions included with GLVF24 Burner System with grate.
4. Connect gas supply to the burner system. (See *Installing Gas Line*, page 19).
5. Proceed to *Log Placement,* page 21.

**If using another manufacturer's burner system and logs, follow manufacturer's installation instructions.**

## CLEANING AND SERVICING OF BURNER / ODS PILOT

**It is recommended to annually inspect and clean the unit to prevent malfunction and / or sooting. This operation should be performed by your dealer or a qualified technician.**

1. Remove fireplace hood and door. (Refer to *Installation of Door and Hood,* page 32.)
2. Remove log set, handling carefully by holding gently at each end. (Refer to *Log Placement)* Gloves are recommended to prevent skin irritation from ceramic.

**Annual Cleaning / Inspection**

- Do not use cleaning fluids to clean logs or any part of the heater.
- Use a soft bristle brush or a vacuum with brush attachment.
- Vacuum loose particles and dust from burner ports, valve and blower compartments.
- Vacuum any accumulation of lint from primary mixing tube.
- Inspect ODS pilot for operation, accumulation of lint at the air inlet holes.
- Verify flame pattern and log placement for proper operation.
- Verify that all ports ignite and cross over smoothly from rear to front burner.

**⚠ WARNING**

Turn off heater and allow to cool before cleaning. Only a qualified service technician should service and repair appliance.

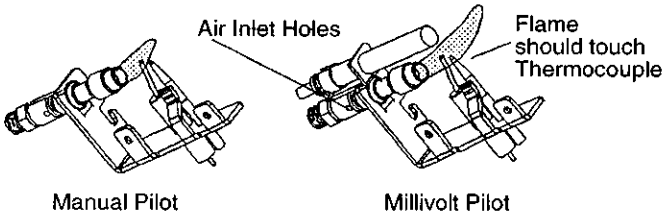



**FIGURE 11 - Manual and Millivolt Pilot Flames**

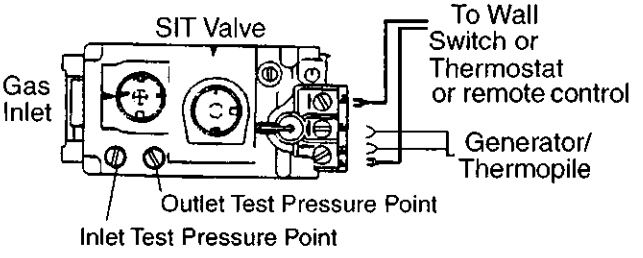



**FIGURE 12 - Millivolt Models**

# INSTALLING – Burner Systems and LOGF24 Logs

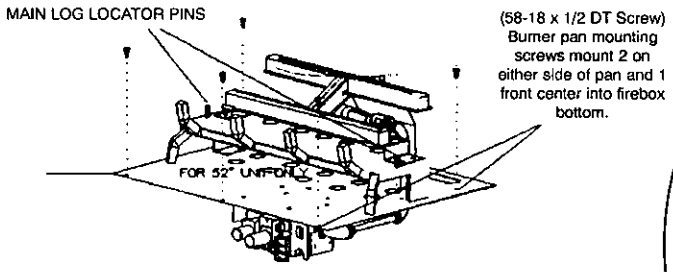
## ⚠ WARNING

The positioning of the logs is critical for the safe and clean operation of this heater. Sooting and other problems can occur if the logs are not properly and firmly positioned in the heater. Never add additional logs or embellishments such as pine cones, vermiculite, volcanic rock or rock wool to the heater.

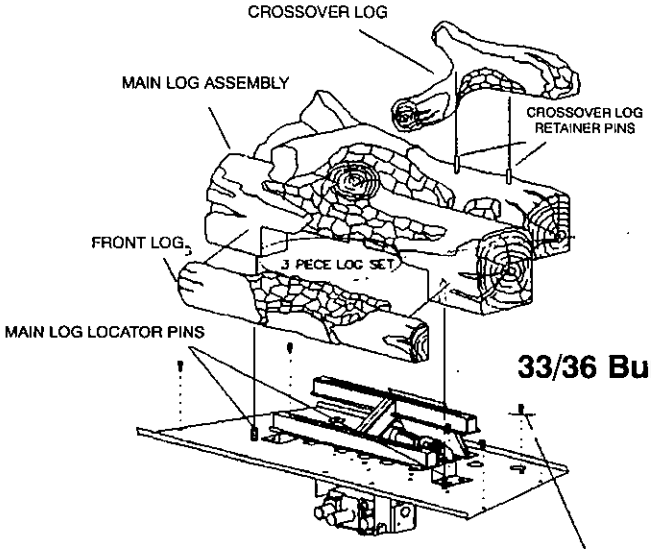
### 3 AND 4 PIECE LOG PLACEMENT

1. Place Front main Log on locator pins
2. When installing 4 piece log set with rear log separate postion rear main log on rear log holder located on rear of Firebox and position locking tabs of rear log onto locking tabs of front main log.
3. Place crossover log on retainer pins located on top of rear main log.
4. Front log, position flat surface up to main log.

### 52" Burner System

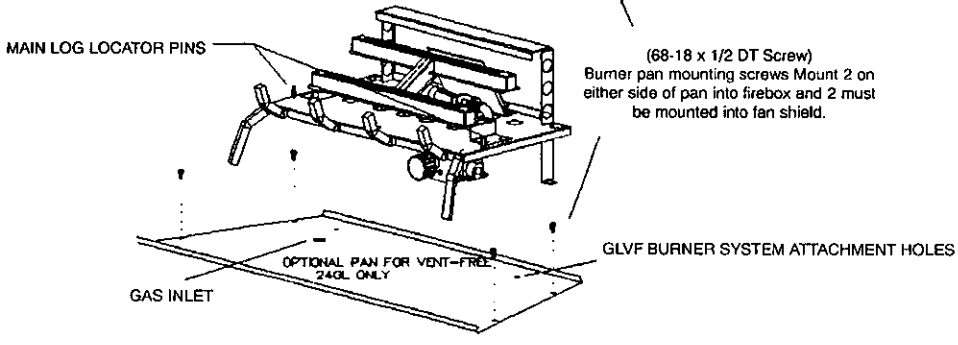



### 3 PIECE LOG SET

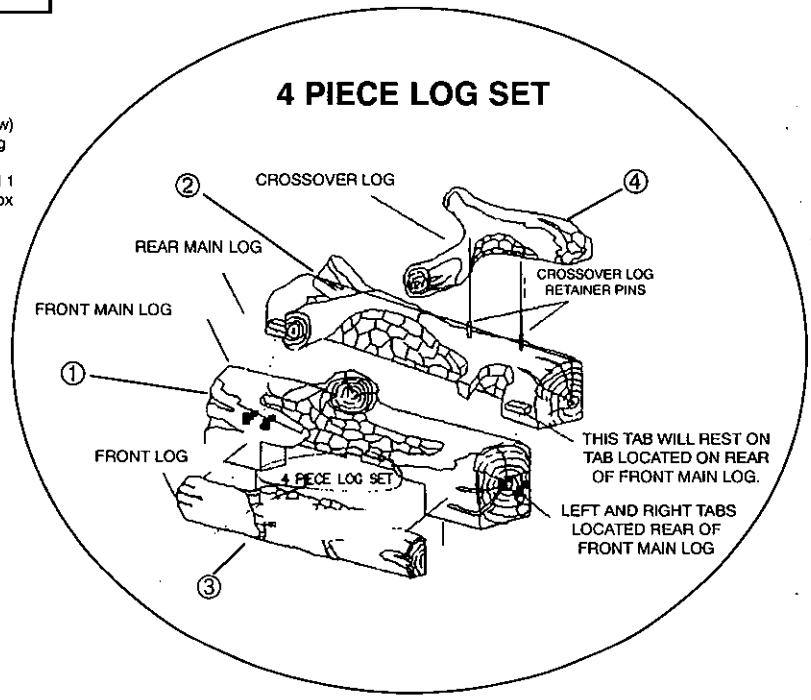



### 33/36 Burner System

### GLVF Burner System




### 4 PIECE LOG SET




### Kingsman Replacement Log Listing

| Reference Number | Part Number | Description |
|---|---|---|
| 1 | 24F-A | Front Main Log A, LOGF24 |
| 2 | 24F-B | Rear Main Log B, LOGF24 |
| 3 | 24F-C | Front Log C, LOGF24 |
| 4 | 24F-D | Crossover Log D, LOGF24 |

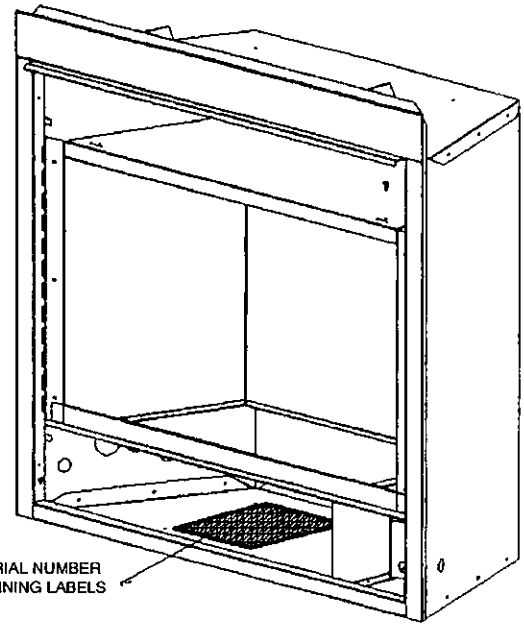
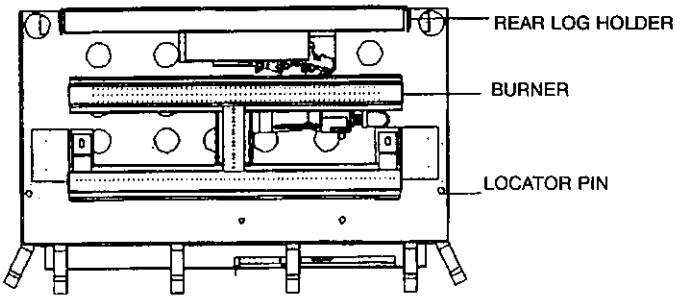


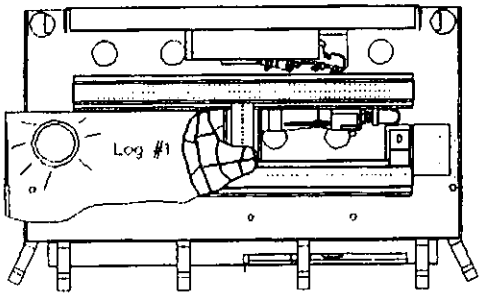

FIGURE 14 – Log Placement

# Log Placement for LOGF18

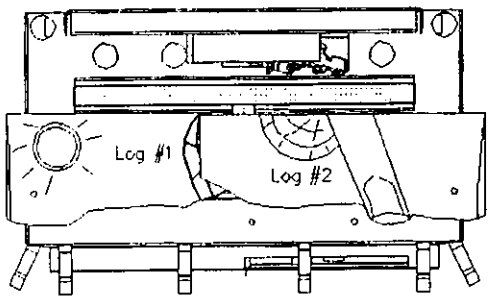
## LOGF18 LOG SET PLACEMENT



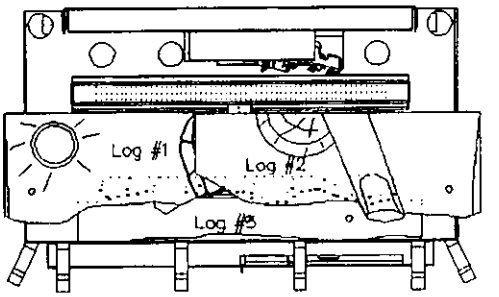

STEP 1 Locate hole on underside of log and place log over burner and Locator Pin and lower into position.



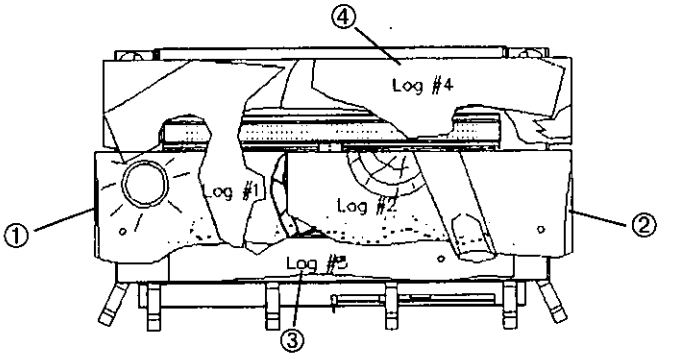

STEP 2 Locate hole on underside of log and place log over burner and Locator Pin and lower into position.




STEP 3 Place flat surface of bottom of log onto burner assembly base and push log up to logs 1 and 2




STEP 4 Position log #4 onto rear log holder and pull up to logs 1 and 2.




### Kingsman Replacement Log Listing

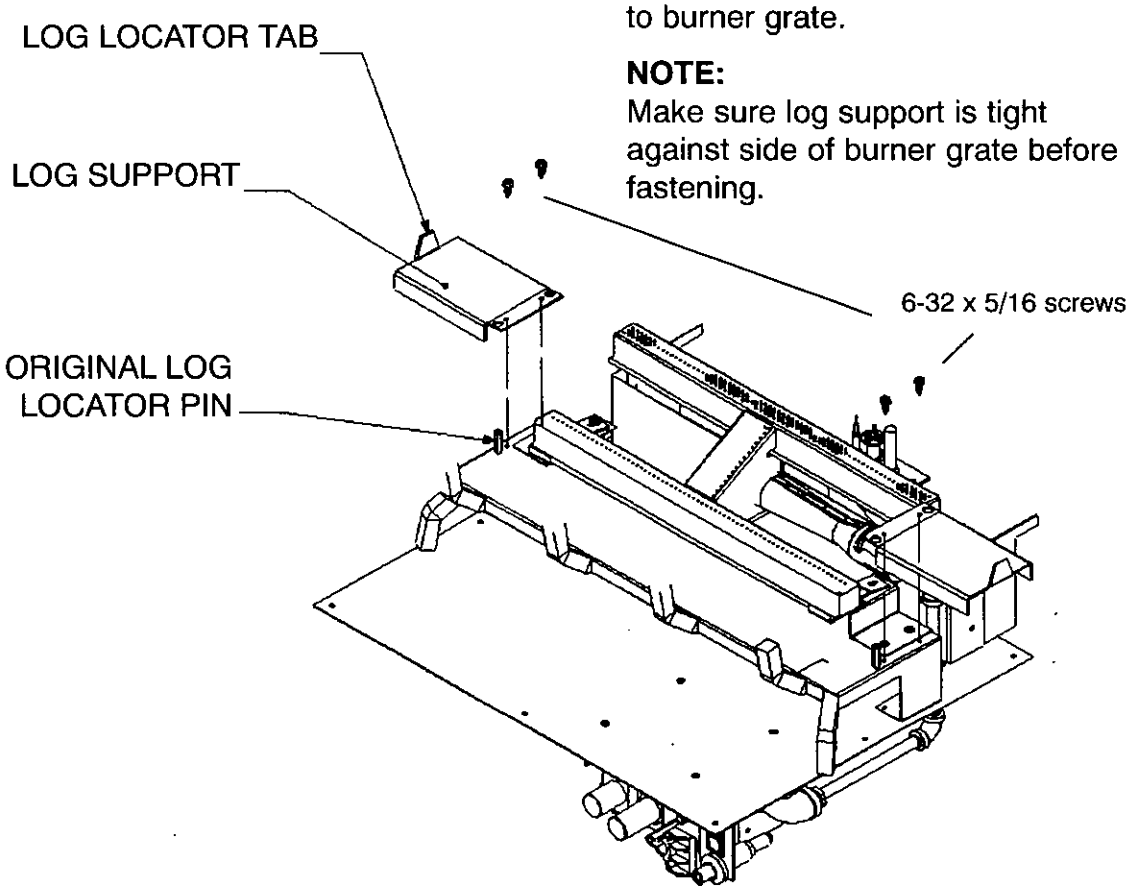
| Reference Number | Part Number | Description |
|---|---|---|
| 1 | 18F-C | Left hand Main Log C, LOGF18 |
| 2 | 18F-D | Right hand Main Log D, LOGF18 |
| 3 | 18F-B | Front Log B, LOGF18 |
| 4 | 18F-A | Rear Log A, LOGF18 |

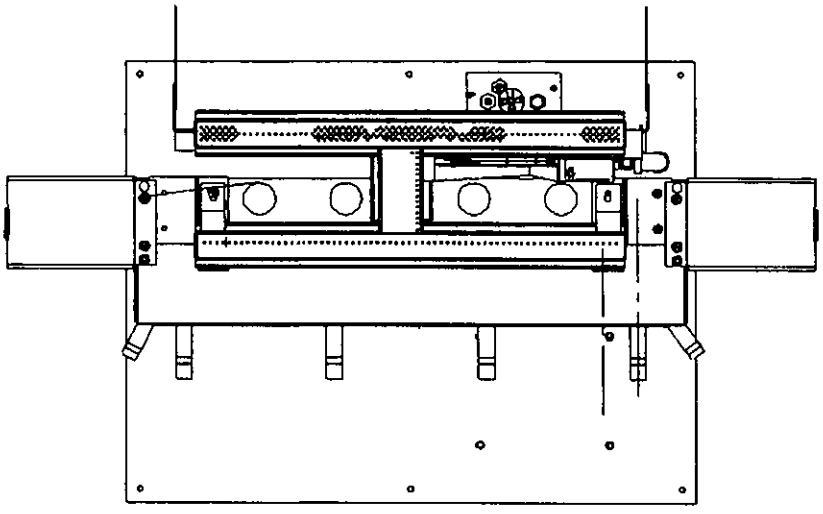
# LOGF30 LOG INSTALLATION

**For use in ZVF52 Firebox only**

1) Align front hole of log support plate with original log locator pin.
2) Slide log support over pin & using two 6-32 x 5/16 screws, mount plate to burner grate.

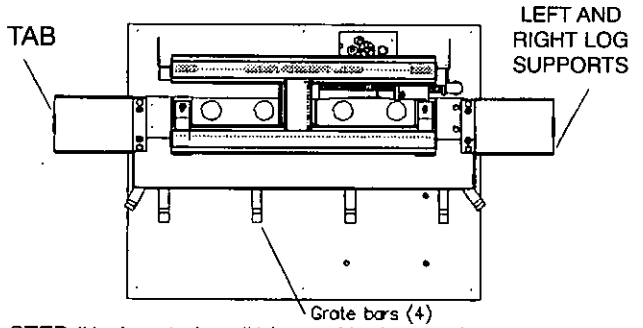
**NOTE:**
Make sure log support is tight against side of burner grate before fastening.



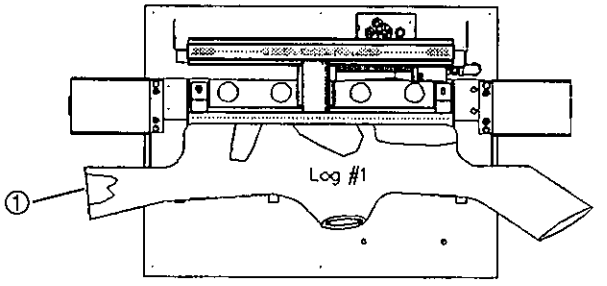



# LOGF30 LOG PLACEMENT

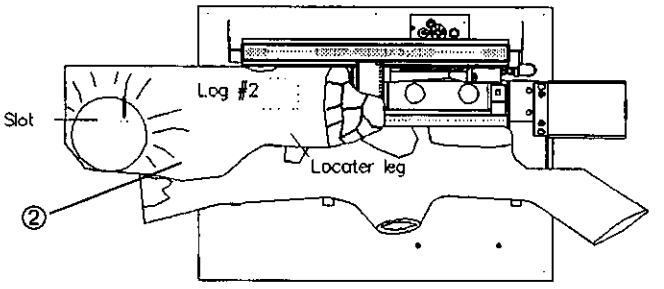
**For use in ZVF52 Firebox only**



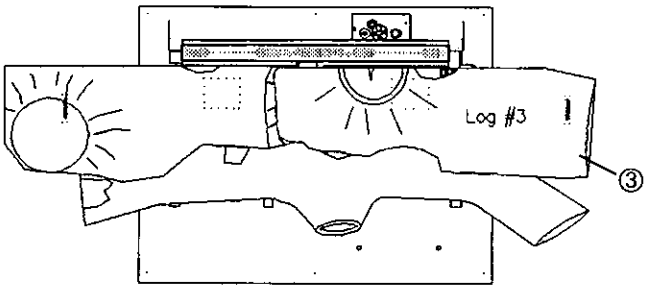

STEP #1. Locate Log #1 by positioning notches on under side of front log with the front Grate bars (4) and pull forward.



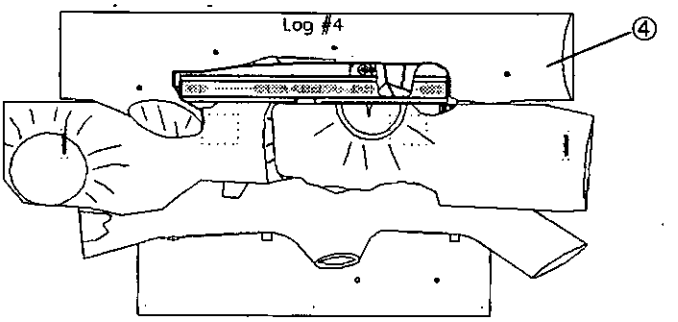

STEP #2. Locate left front Log by postioning slot on bottom of log with Tab on support bracket and lower into position.



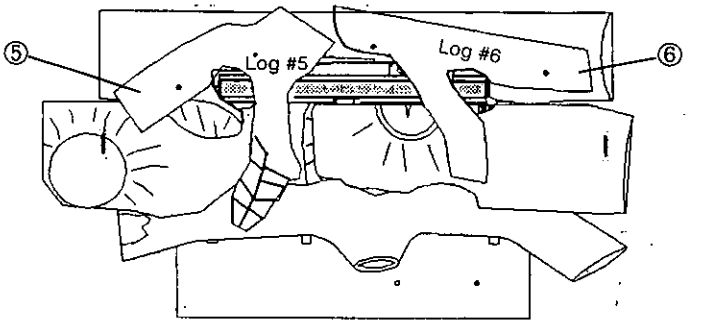

STEP #3. Locate right front Log by postioning slot on bottom of log with Tab on support bracket and lower into position.




STEP #4. Place rear log onto rear log holder and pull up to left and right front logs.



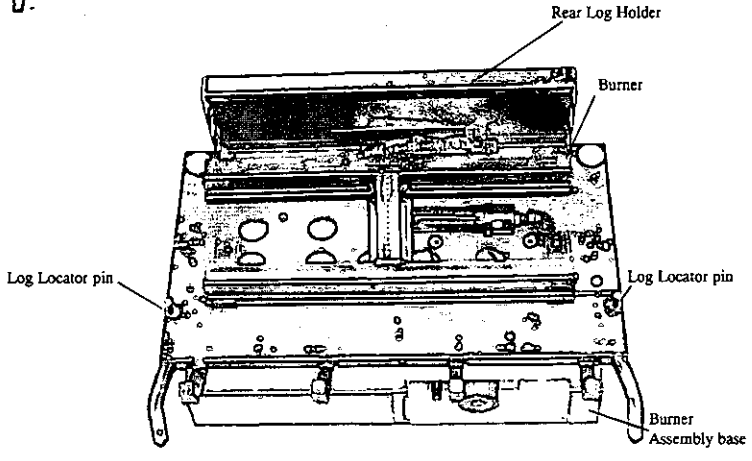

STEP #5 & 6. Line up holes on crossover logs with locator pins on rear log #4 and lower into position.



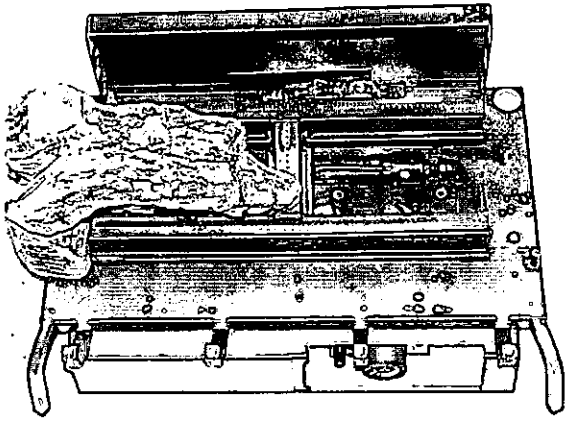

## Kingsman Replacement Log Listing

| Reference Number | Part Number | Description |
|---|---|---|
| 1 | 30F-B | Front Main Log B, LOGF30 |
| 2 | 30F-D | Left hand Center Log D, LOGF30 |
| 3 | 30F-C | Right hand Center Log C, LOGF30 |
| 4 | 30F-A | Rear Main Log A, LOGF30 |
| 5 | 30F-E | Left hand Crossover Log E, LOGF30 |
| 6 | 30F-F | Right hand Crossover Log F, LOGF30 |

# LOGF18 PLACEMENT GUIDELINES

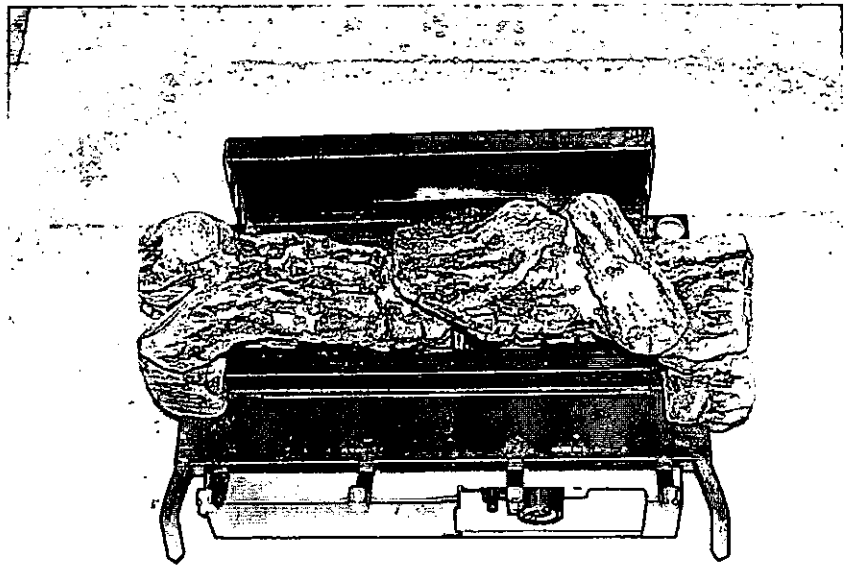



**Step (1)** Remove logs from carton and inspect each log.

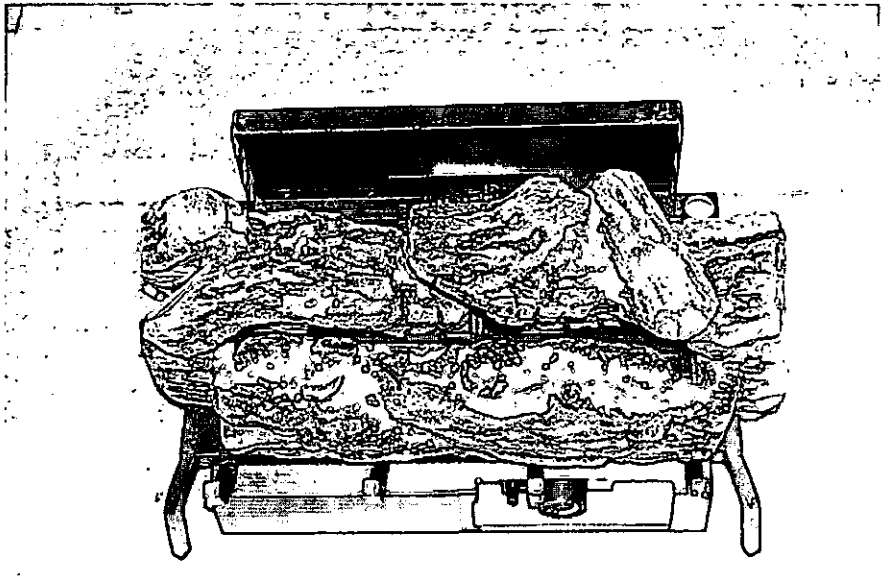


**Step (2)** Locate hole on the underside of Log C. Place log over front burner and locator pin then lower into position (as illustrated).



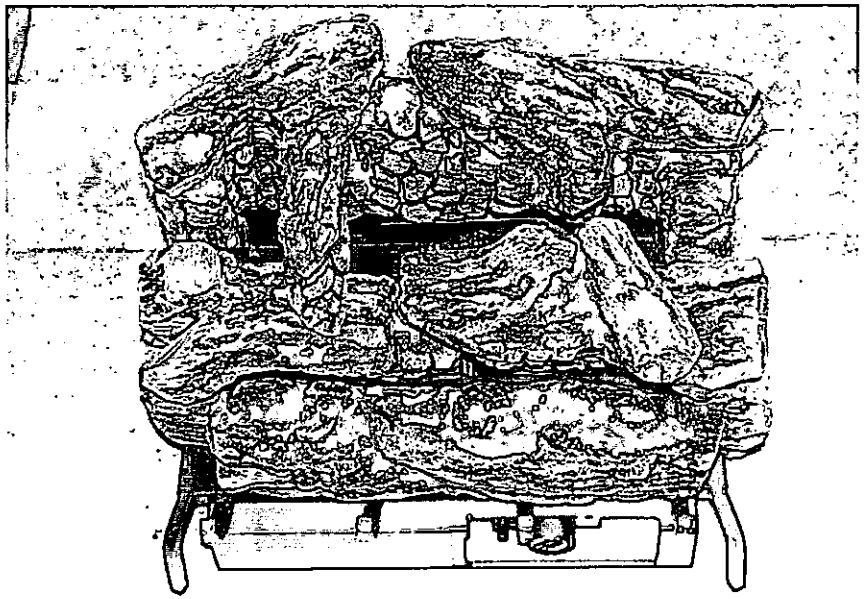


**Step (3)** Locate hole on the underside of Log D. Place log over front burner and locator pin then lower into position (as illustrated).



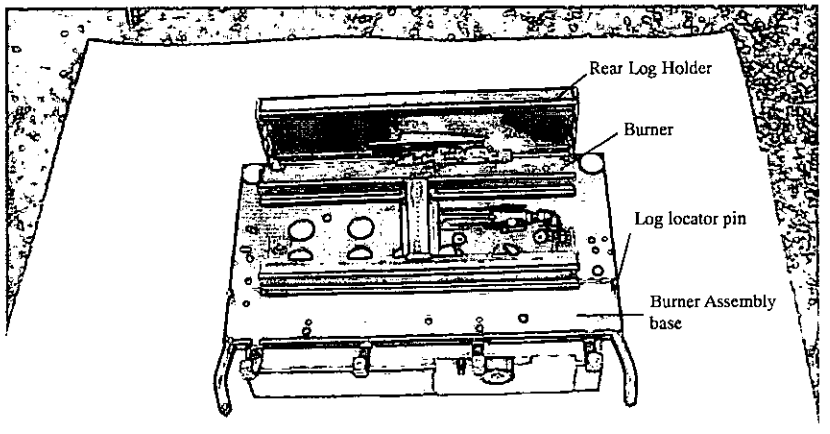
**Step (4)** Using Log B, place flat surface of the log onto burner assembly base. Push log up to Log C & D.

# LOGF18 PLACEMENT GUIDELINES (continued)

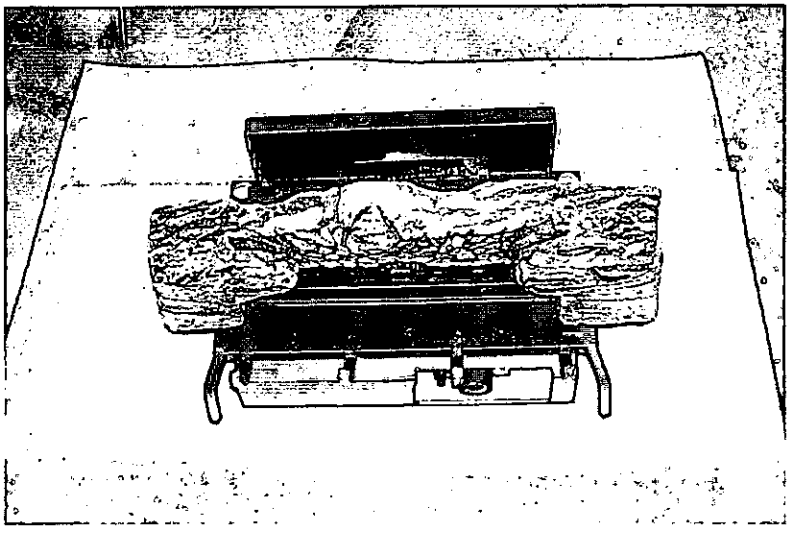


**Step (5)** Place log A onto rear log holder and pull up to log C & D.

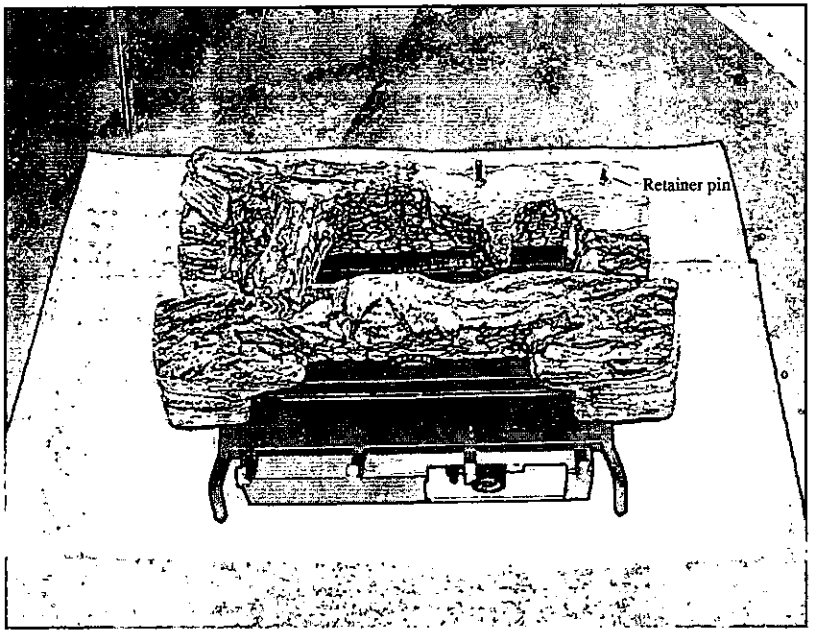
# LOGF24 PLACEMENT GUIDELINES



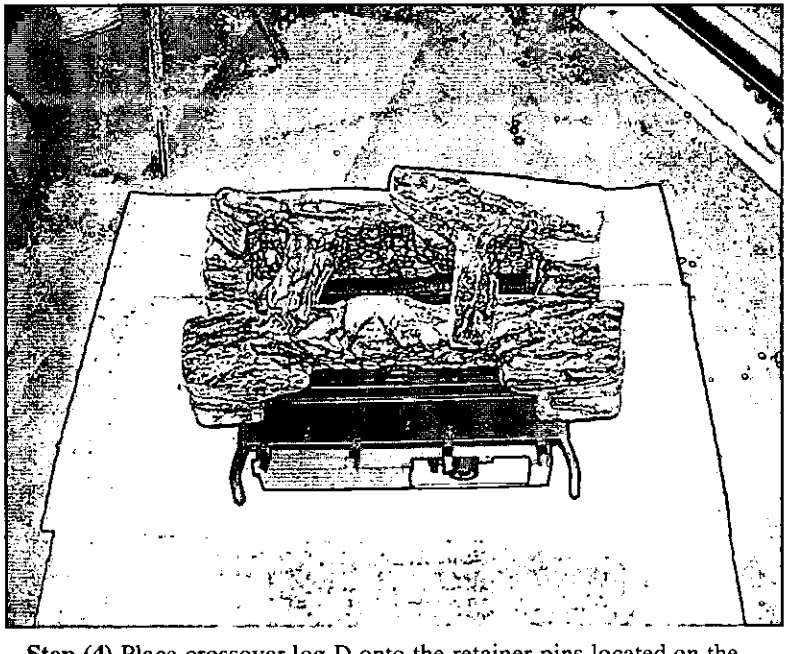

**Step (1)** Remove logs from carton and inspect each log.



**Step (2)** Place front main log A on log locator pins.

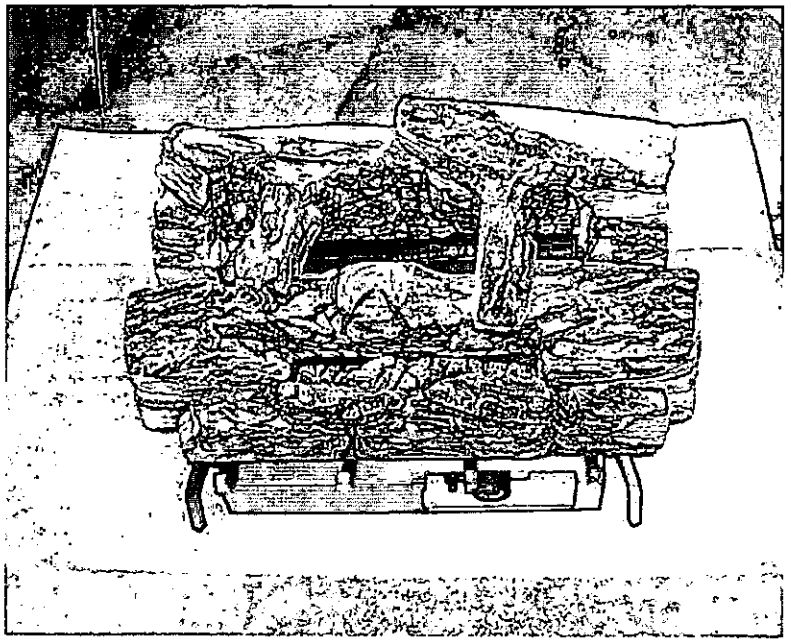



**Step (3)** Position rear main log B onto rear log holder located on rear of firebox. Position locking tabs of rear main log B into locking tabs of front main log A.



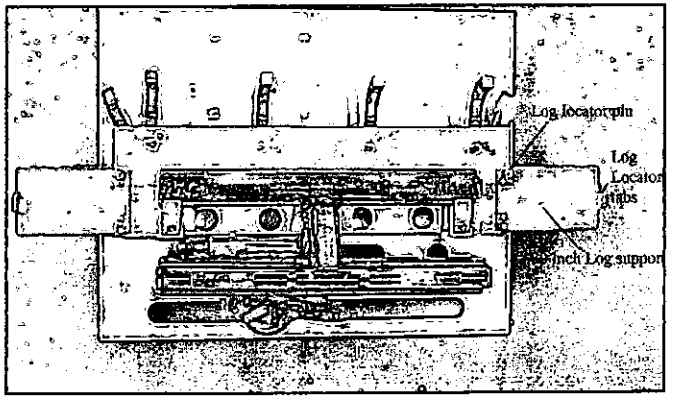
**Step (4)** Place crossover log D onto the retainer pins located on the top of rear main log B.

# LOGF24 PLACEMENT GUIDELINES (continued)



**Step (5)** Place Log C onto front burner. .

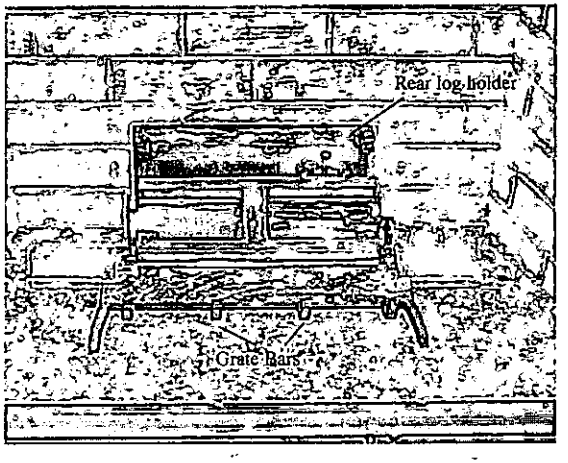
# LOGF30 PLACEMENT GUIDELINES

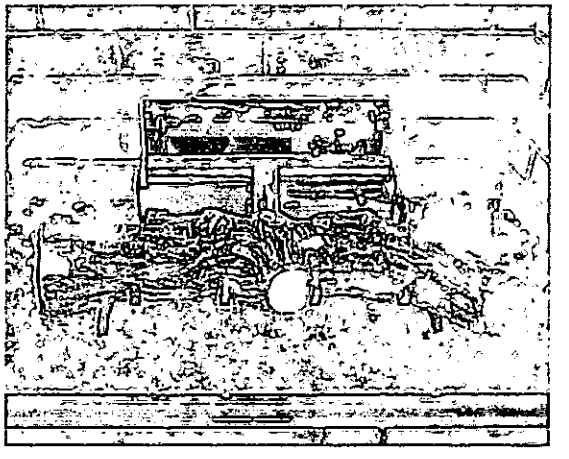



When using the LOGF30 log, you must attach the 30 inch log supports found in the log set.

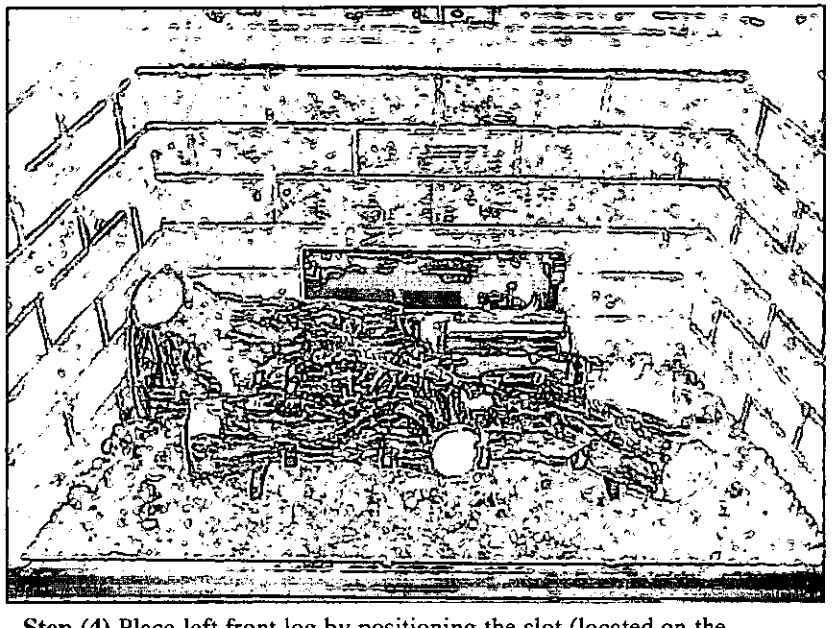
**Step (1)** Align front hole of 30 inch log support plate with original log locator pin.

**Step (2)** Slide the 30 inch log support over log locator pin. Using two 6-32 x 5/16 screws, mount plate to burner grate. NOTE: Make sure log support is tight against side of burner grate before fastening.

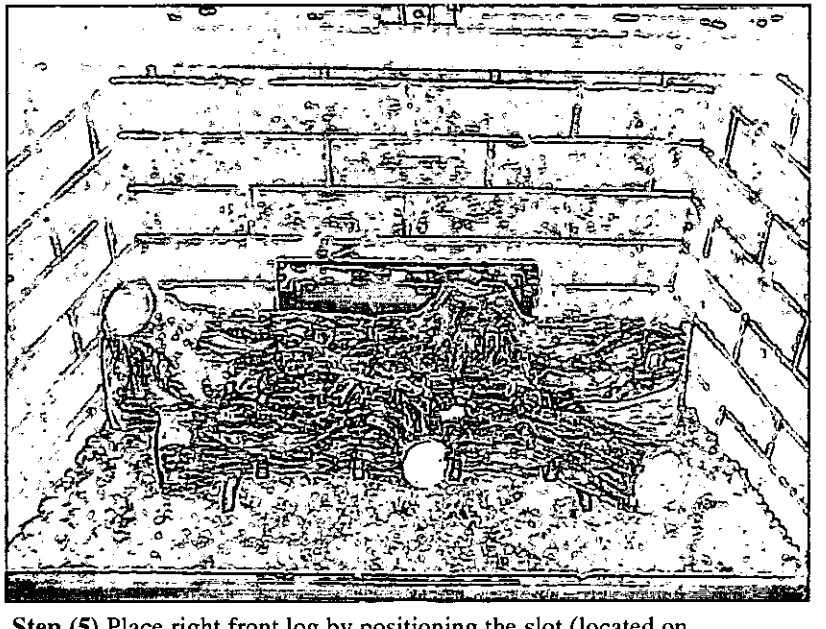


**Step (3)** Place front log by positioning the notches on the underside of the front log with the grate bars and pull forward.

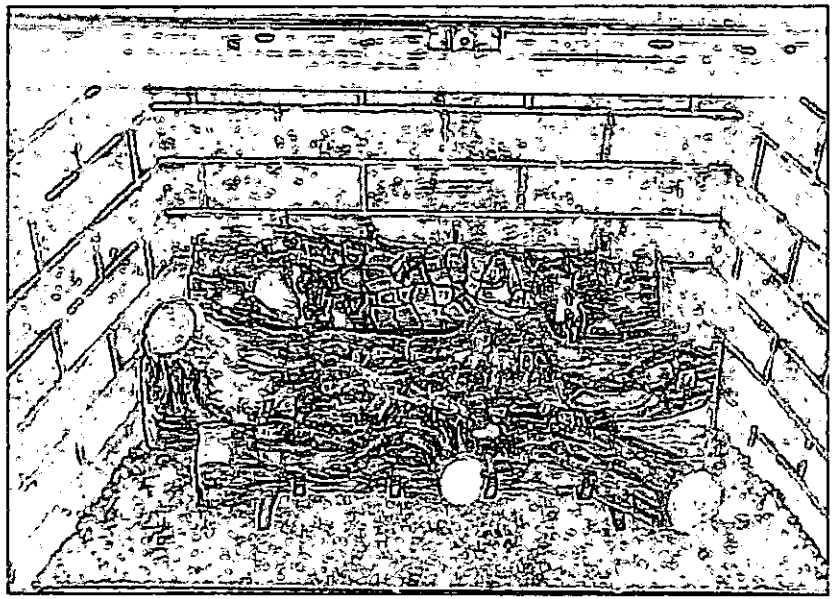


**Step (4)** Place left front log by positioning the slot (located on the bottom of log) with log retainer tab and lower into position.

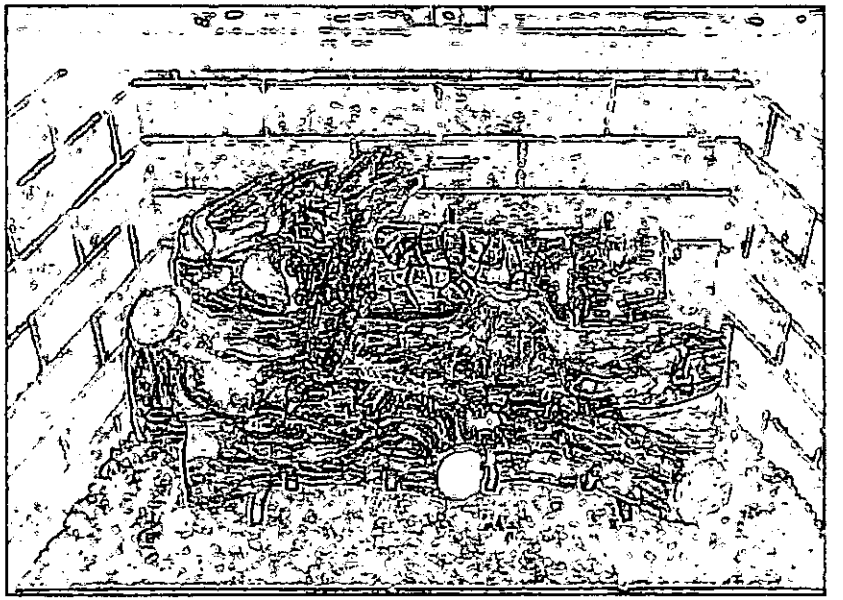


**Step (5)** Place right front log by positioning the slot (located on bottom of log) with log retainer tab and lower into position.

# LOGF30 PLACEMENT GUIDELINES (continued)

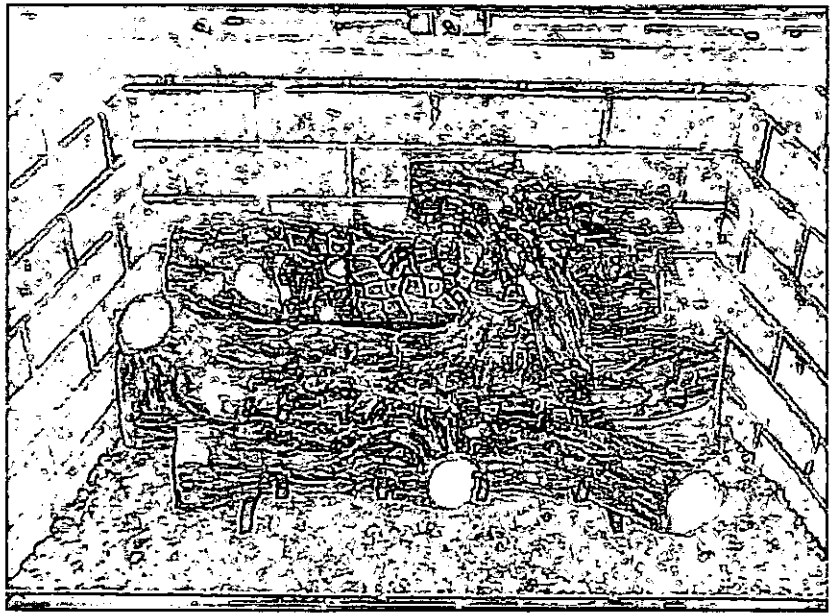


**Step (6)** Place rear log onto the rear log holder and pull up to the left and right front logs.

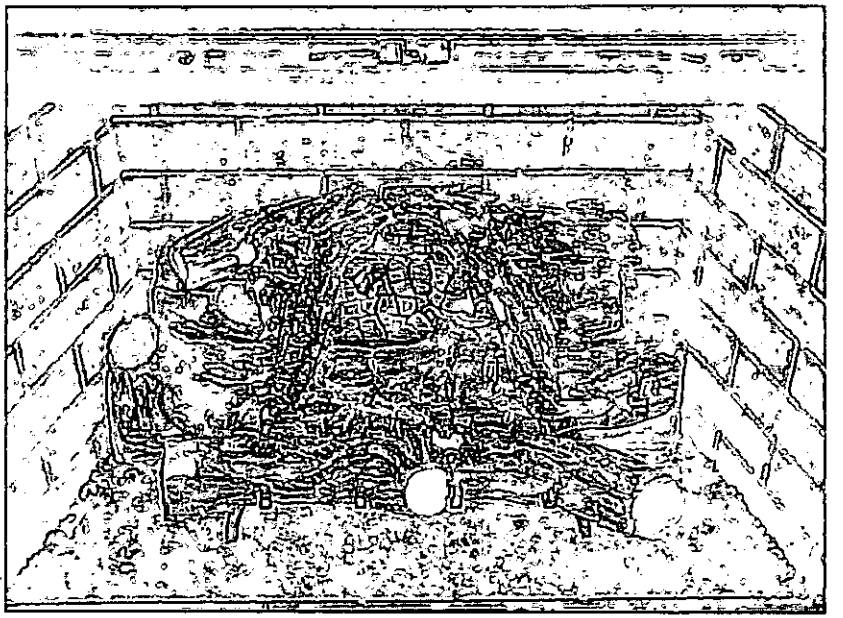


**Step** (7) Line up left crossover log with locator pins and lower into position.





**Step (8)** Line up right crossover log with locator pins and lower into position.



Complete LOGF30 Logset.

# LIGHTING INSTRUCTIONS

## LIGHTING INSTRUCTIONS

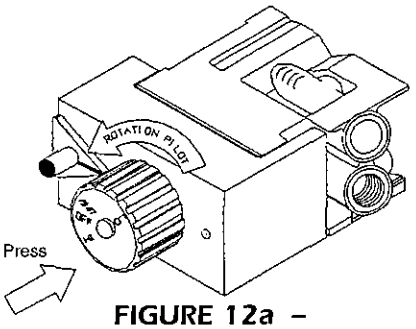



**FIGURE 12a – Manual Valve Models**

1. Stop. Read safety information on page 5.
2. Open access grill on bottom.
3. Push gas control knob in slightly and turn clockwise to "OFF".
   *NOTE: Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.*
4. Wait five (5) minutes to clear out any gas remaining in burner combustion chamber.
5. Turn knob on gas control counter-clockwise to "PILOT".
6. Push control knob all the way in and hold. Immediately light the pilot with piezo-electric ignitor while continuing to hold knob in for one (1) minute. Release knob. Pilot should remain lit. If it goes out, repeat steps 2 through 5 until pilot remains lit.
   – If knob does not pop up when released, stop and immediately call your service technician or gas supplier.
   – If pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier.
7. Turn gas control knob counter-clockwise to "ON".
8. All Millivolt models are supplied with a wall switch that turns the main burner on or off. If main burner does not light immediately when you turn the gas control valve to "ON" ensure that the wall switch is in the "ON" position.
   *NOTE: For Millivolt models, the "ON/OFF" wall switch may be replaced with a wall thermostat allowing main burner to light and turn off automatically depending on thermostat setting and room temperature.*
9. Adjust the gas flow (flame height) with the "HI/LO" gas control knob on valve.
10. Close control access grill.

**⚠ CAUTION**

Do not wire 120 Volt power to Millivolt switches or thermostats.

**To Turn Off Gas Appliance**

1. Turn off all electric power to the appliance if service is to be performed. Open control access grill.
2. Push gas control knob in slightly and turn clockwise to "OFF" position. Do not force. Close control access grill.

## INSTALLING BRICK PANELS

1. Place rear brick panel up against the back of the firebox.
2. Loosen screw holding brick clip in position, swing clip up out of the way and place side brick up to rear brick and flush against side wall of firebox. Position clip over brick and tighten screw.
3. Repeat same procedure for opposite side brick panel.

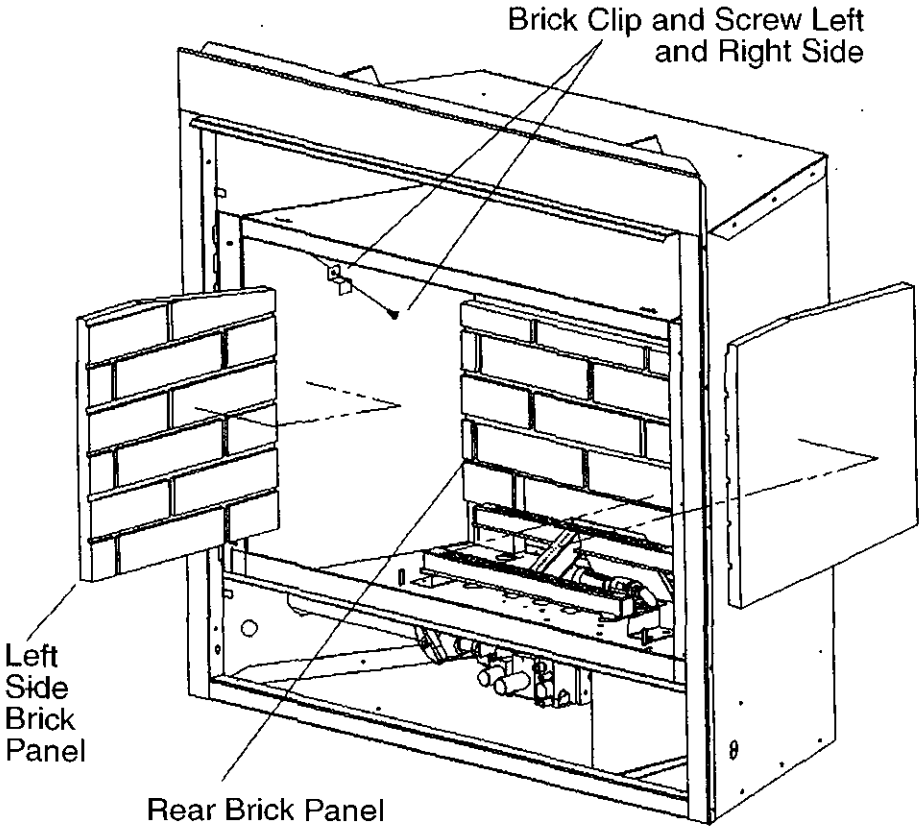



**FIGURE 13 – Installing Brick Panels**

# INSTALLING – Curtain, Hood & optional fixed screen door

CURTAIN

1. Slide curtain onto rods.
2. Slide round end of rod into side post Ref:A using 1/2" DT screws mount flattened end of rod to the bottom side of rod hanger bracket Ref:B. Repeat this step for opposite side.

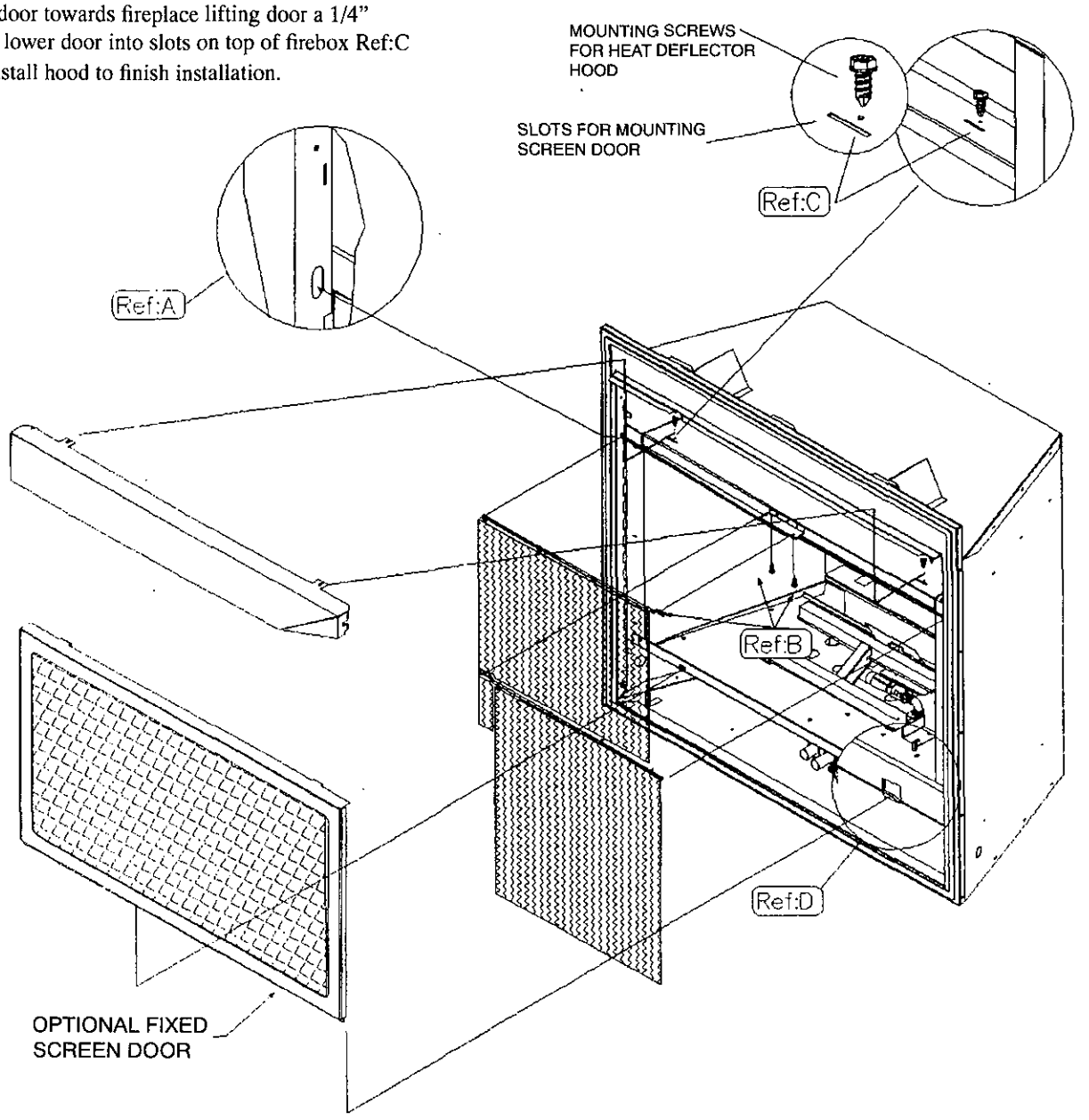
HOOD

1. Ref:C Loosen installed 1/2 DT screws with 1/4" wrench. Slide slotted area of hood under screws.
2. Tighten screws to finish installation.

OPTIONAL FIXED SCREEN DOOR

1. Remove curtain system and hood if installed.
2. Using a flat edge screwdriver, bend tabs in front ledge forward approx 3/16" Ref:B
3. Place bottom of door into tabs.
4. Tilt door towards fireplace lifting door a 1/4" then lower door into slots on top of firebox Ref:C
5. Reinstall hood to finish installation.

| Model Number | Replacement Part Number | Description | Quantity Per Unit |
|---|---|---|---|
| ZVF33P | 6500-179 | Mesh - Pull Screen | 2 |
| ZVF33 | ZVF33DS | Mesh - Fixed Door Screen | 1 |
| ZVF36U | 38VF-126 | Mesh - Pull Screen | 2 |
| ZVF36UF | ZVF36DS | Mesh - Fixed Door Screen | 1 |
| ZVF42U | 42VFU-126 | Mesh - Pull Screen | 2 |
| ZVF42UF | ZVF42DS | Mesh - Fixed Door Screen | 1 |
| ZVF52U | 52VFU-126 | Mesh - Pull Screen | 2 |
| ZVF52 | ZVF52DS | Mesh - Fixed Door Screen | 1 |



# INSTALLING - Grill and Panel Kit

HINGED GRILL

1. Top & bottom inside corners of post have teardrop slots. As shown in Ref:A

2. On the grill there are screws in both ends. To install, slide head of screw into one of the teardrop slots, then slide grill to opposite side. These screws may have to be adjusted for proper alignment and length.

3. Install 2 springs on both ends of grill. Refer to Ref:B for proper installation

HINGED BOTTOM PANEL

1. Ref:C Install two 8-32 x 1/2" screws & nuts, from the inside of panel with nut to the outside. Tighten one side only.

2. Thread of loose screw should not protrude past face of nut.

3. The end of panel with tightened screw can now be slid into teardrop hole Ref:A.

4. Align opposite side of panel with teardrop Ref:A and tighten screw. A small wrench may be required to hold nut.

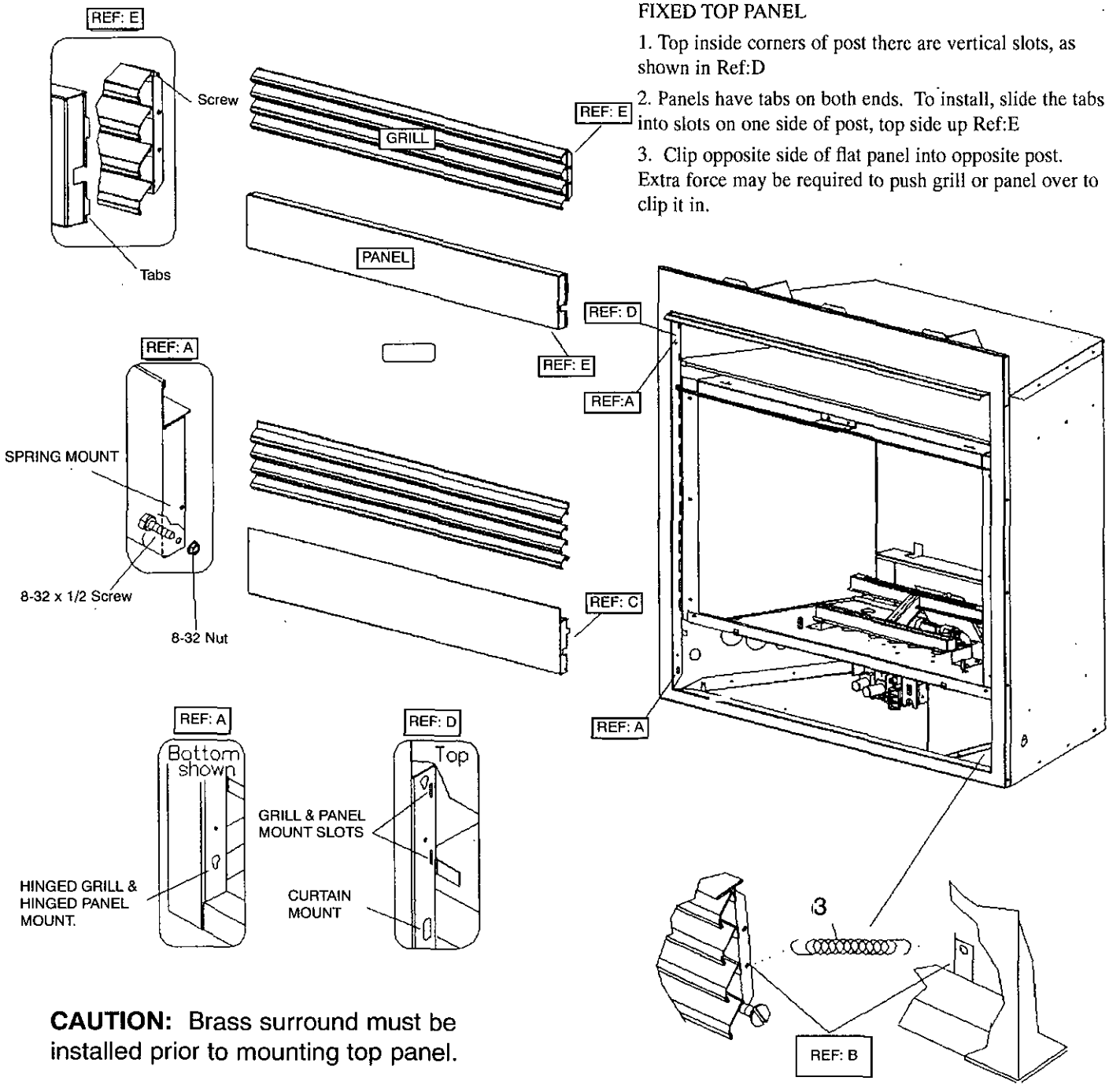
5. Ref:B for spring installation.

FIXED TOP PANEL

1. Top inside corners of post there are vertical slots, as shown in Ref:D

2. Panels have tabs on both ends. To install, slide the tabs into slots on one side of post, top side up Ref:E

3. Clip opposite side of flat panel into opposite post. Extra force may be required to push grill or panel over to clip it in.




**CAUTION:** Brass surround must be installed prior to mounting top panel.

# INSTALLING – Fan Kit

INSTALLATION OF OPTIONAL FAN KIT

Z33FK FAN ASSEMBLY FOR ZVF33/36U/42U USING KINGSMAN ZVF BURNER SYSTEMS

1. Attach thermodisk securly to bottom of firebox. Screws are factory installed.
2. Fan can now be positioned by placing teardrop holes over the two screws mounted in the outer rap wall.
3. Junction box should be mounted to opposite side and wired to variable speed control and 120V power.
4. Plug fan into junction box and attach the 2 leads exiting the fan housing into the thermodisc.

Z33FK FAN ASSEMBLY FOR ZVF36U/42U/52 UNIVERSAL BOX with universal bottom using other manufacturers log-set and burner system.

1. Lead must be spliced together bypassing THERMO-DISC as there is no location for THERMO-DISC.

**WARNING**

A qualified electrician must connect electrical wiring to junction outlet for built-in installation. **Follow all codes.**

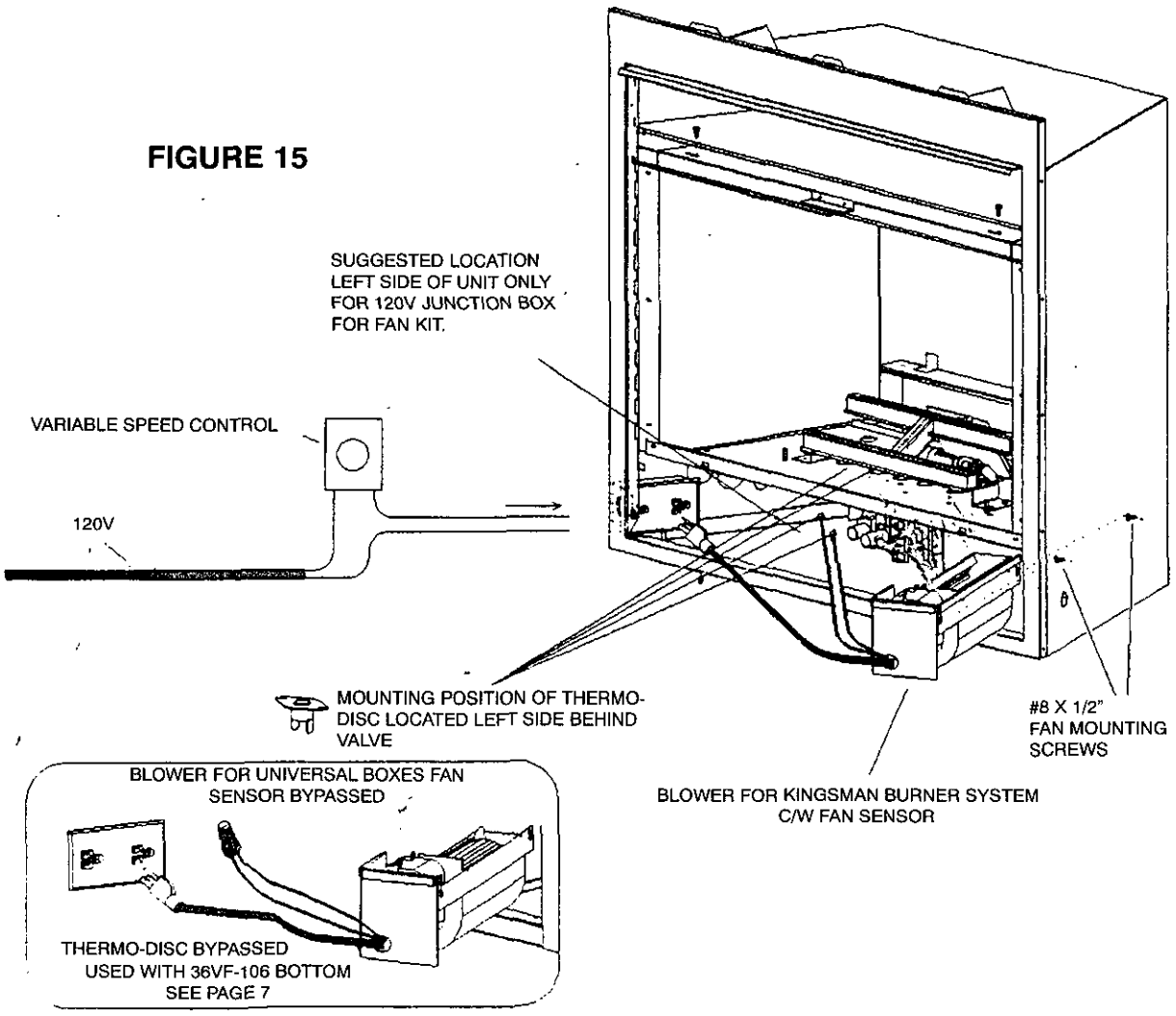
**⚠ WARNING**

Electrical Grounding Instructions - This appliance is equipped with a three - pronged (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle.

**WARNING**

Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation and servicing.

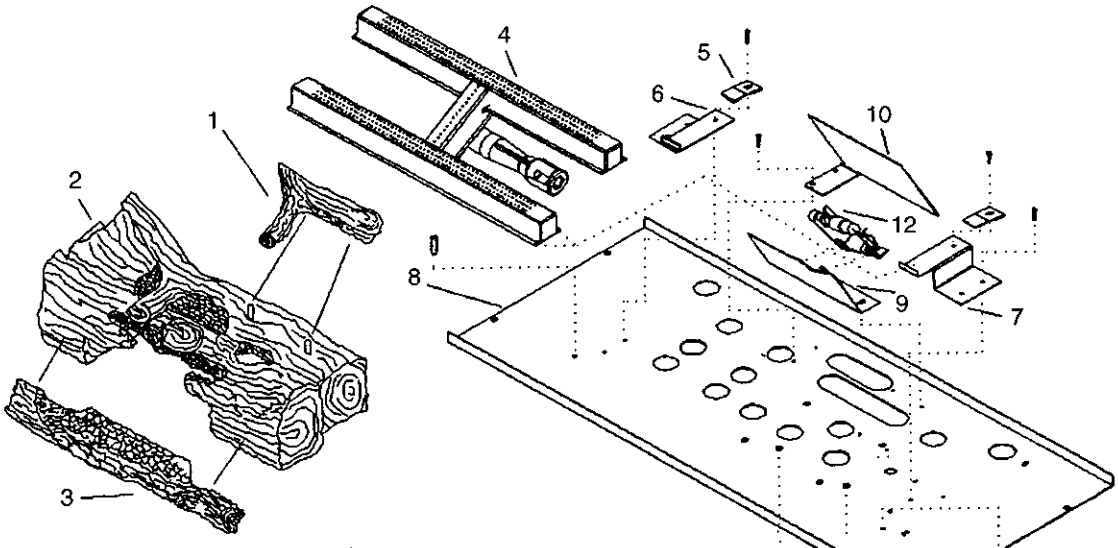
**FIGURE 15**



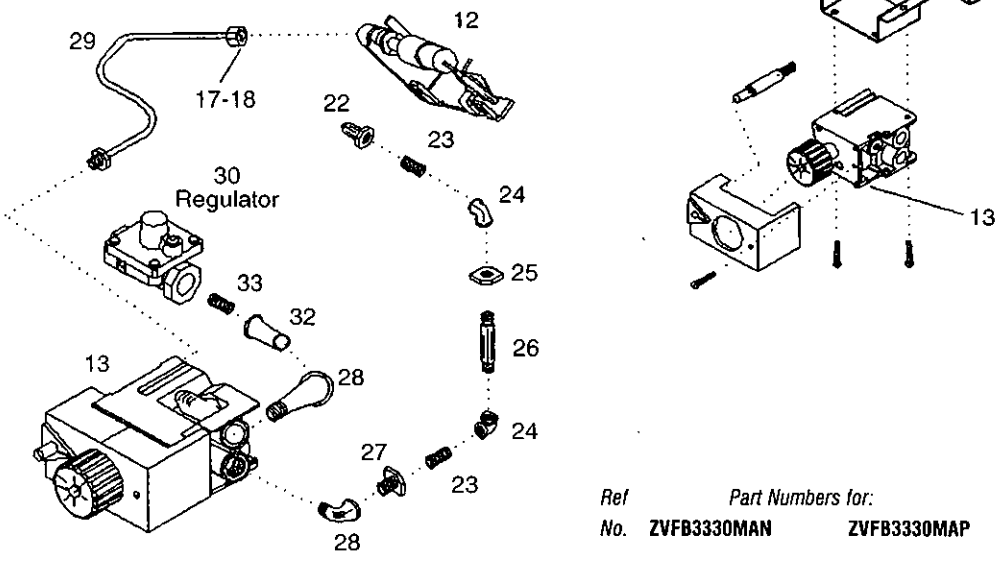
# ILLUSTRATED PARTS LIST

## ZVF33 PARTS AND ASSEMBLY with SIT Euro-Valve

**Models: ZVFB3330MAN - ZVFB3330MAP**




OPTION B – Regulated Valve

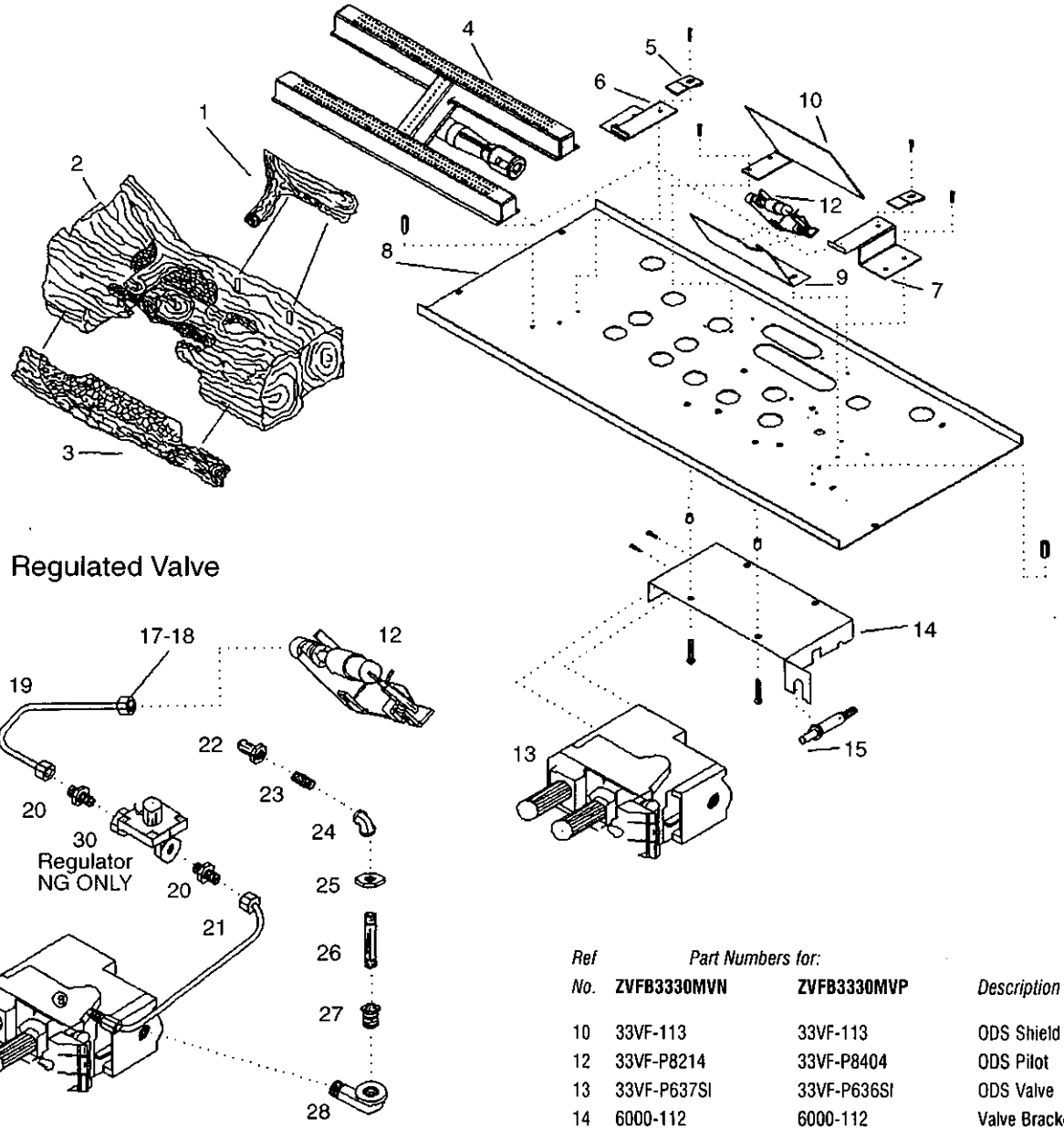



| Ref No. | Part Numbers for: ZVFB3330MAN | ZVFB3330MAP | Description |
|---|---|---|---|
| 1 | Sold as a set | Sold as a set | Top Branch |
| 2 | Sold as a set | Sold as a set | Main Log Set |
| 3 | Sold as a set | Sold as a set | Front Log |
| 4 | 33VF-200 | 33VF-200 | Burner |
| 5 | 4200-132 | 4200-132 | Burner Hold Down |
| 6 | 33VF110L | 33VF-110L | LH Burner Bracket |
| 7 | 33VF-110R | 33VF-110R | RH Burner Bracket |
| 8 | 33VF-105 | 33VF-105 | Bottom Burner Pan |
| 9 | 33VF-106 | 33VF-106 | Pilot Bracket |
| 10 | 33VF-113 | 33VF-113 | ODS Shield |
| 11 | 33VF-P617SI | 33VF-P627SI | Rate Screw (Manual) |
| 12 | 33VF-P8213 | 33VF-P8402 | ODS Pilot |
| 13 | 33VF-P522SI | 33VF-P522SI | ODS Valve |
| 14 | 24GL-104 | 24GL-104 | Valve Bracket |
| 17 | 33VF-P603VE | 33VF-P603VE | Compression Sleeve ⅜ |
| 18 | 33VF-P613VE | 33VF-P613VE | Compression Nut ⅜ |
| 22 | 1000-255 | 1000-255 | Burner Orifice |
| 23 | 1000-253 (x2) | 1000-253 (x2) | Closed Nipple |
| 24 | 2000-213 (x2) | 2000-213 (x2) | Elbow ⅛ |
| 25 | 1000-P203VE | 1000-P203VE | Locked Nut ⅛ |
| 26 | 1000-P200VE | 1000-P200VE | Nipple ⅛ x 2½ |
| 27 | 1000-P202VE | 1000-P202VE | Bushing |
| 28 | 1000-245 (x2) | 1000-245 (x2) | Elbow Street ⅛ |
| 29 | 33VF-P316VE | 33VF-P316VE | Alt Tubing ⅜ |
| 30 | 33VF-P295M | 33VF-P297M | Regulator |
| 32 | 33VF-P124VE | 33VF-P124VE | Street ¾ x 45 Degree |
| 33 | 33VF-P112VE | 33VF-P112VE | Nipple ⅜ x 1½ |

# ILLUSTRATED PARTS LIST Cont.

## ZVF33 PARTS AND ASSEMBLY with SIT Nova Valve

**Models: ZVFB3330MVN - ZVFB3330MVP**



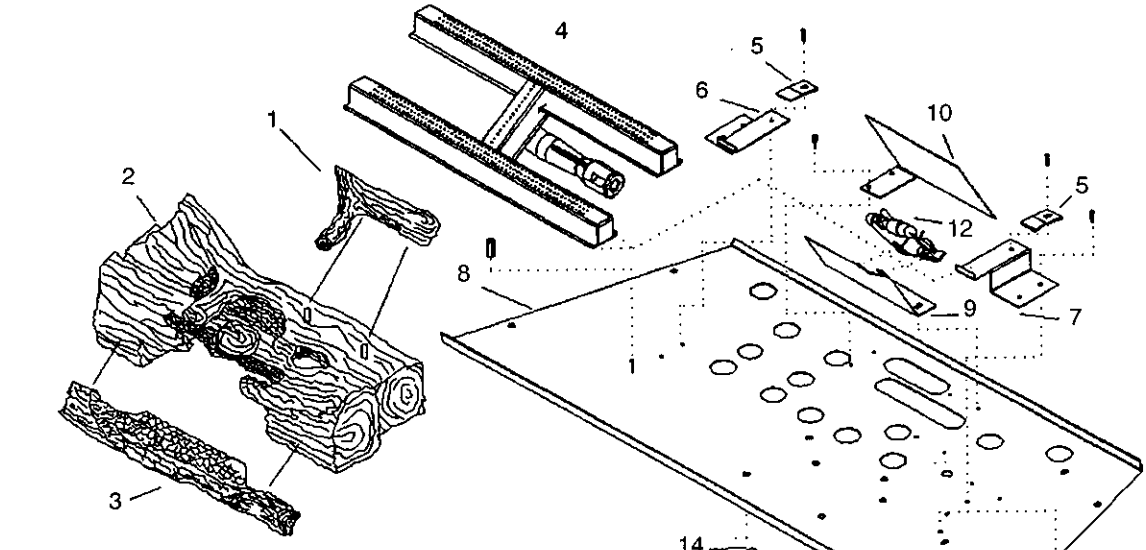

| Ref No. | Part Numbers for: ZVFB3330MVN | ZVFB3330MVP | Description |
|---|---|---|---|
| 1 | Sold as a set | Sold as a set | Top Branch |
| 2 | Sold as a set | Sold as a set | Main Log Set |
| 3 | Sold as a set | Sold as a set | Front Log |
| 4 | 33VF-200 | 33VF-200 | Burner |
| 5 | 4200-132 | 4200-132 | Burner Hold Down |
| 6 | 33VF110L | 33VF-110L | LH Burner Bracket |
| 7 | 33VF-110R | 33VF-110R | RH Burner Bracket |
| 8 | 33VF-105 | 33VF-105 | Burner Pan |
| 9 | 33VF-106 | 33VF-106 | Pilot Bracket |

| Ref No. | Part Numbers for: ZVFB3330MVN | ZVFB3330MVP | Description |
|---|---|---|---|
| 10 | 33VF-113 | 33VF-113 | ODS Shield |
| 12 | 33VF-P8214 | 33VF-P8404 | ODS Pilot |
| 13 | 33VF-P637SI | 33VF-P636SI | ODS Valve |
| 14 | 6000-112 | 6000-112 | Valve Bracket |
| 15 | 1000-214 | 1000-214 | Piezo |
| 17 | 33VF-P603VE | 33VF-P603VE | Compression Sleeve ⅜ |
| 18 | 33VF-P613VE | 33VF-P613VE | Compression Nut ⅜ |
| 19 | 33VF-P316VE | 33VF-P316VE | Alt Tubing ⅜ |
| 20 | 33VF-P683VE | 33VF-P683VE | Connector ⅜ |
| 21 | 33VF-P316VE | na | Alt Tubing ⅜ |
| 22 | 1000-255 | 1000-255 | Burner Orifice |
| 23 | 1000-253 | 1000-253 | Closed Nipple |
| 24 | 2000-213 | 2000-213 | Elbow ⅛ |
| 25 | 1000-P203VE | 1000-P203VE | Locked Nut ⅛ |
| 26 | 1000-P200VE | 1000-P200VE | Nipple ⅛ x 2½ |
| 27 | 1000-P202VE | 1000-P202VE | Bushing |
| 28 | 1000-245 | 1000-245 | Elbow Street ⅜ |
| 30 | 33VF-P245M | na | Regulator |

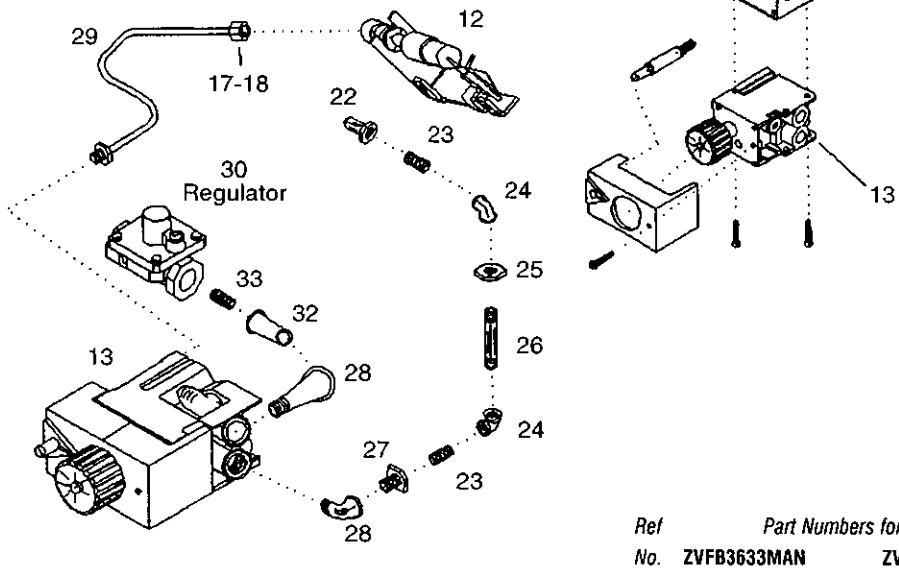
# ILLUSTRATED PARTS LIST Cont.

## ZVF36U/42U PARTS AND ASSEMBLY with SIT Euro-Valve

**Models: ZVFB3633MAN - ZVFB3633MAP**




OPTION B – Non-Regulated Valve

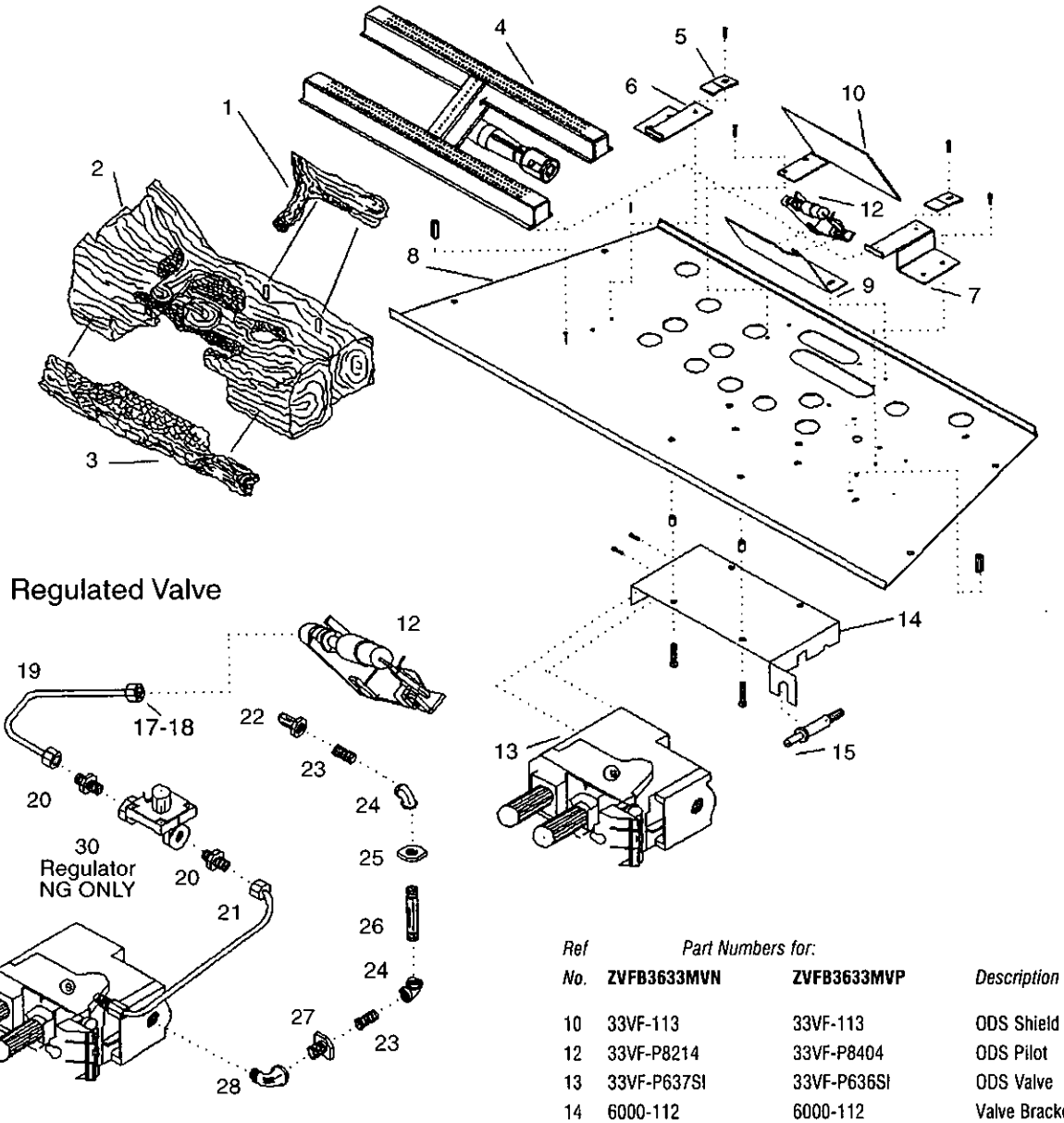



| Ref No. | Part Numbers for: ZVFB3633MAN | ZVFB3633MAP | Description |
|---|---|---|---|
| 1 | Sold as a set | Sold as a set | Top Branch |
| 2 | Sold as a set | Sold as a set | Main Log Set |
| 3 | Sold as a set | Sold as a set | Front Log |
| 4 | 33VF-200 | 33VF-200 | Burner |
| 5 | 4200-132 | 4200-132 | Burner Hold Down |
| 6 | 33VF110L | 33VF-110L | LH Burner Bracket |
| 7 | 33VF-110R | 33VF-110R | RH Burner Bracket |
| 8 | 36VF-105 | 36VF-105 | Bottom Burner Pan |
| 9 | 33VF-106 | 33VF-106 | Pilot Bracket |
| 10 | 33VF-113 | 33VF-113 | ODS Shield |
| 11 | 33VF-P617SI | 33VF-P627SI | Rate Screw (Manual) |
| 12 | 33VF-P8213 | 33VF-P8402 | ODS Pilot |
| 13 | 33VF-P522SI | 33VF-P522SI | ODS Valve |
| 14 | 24GL-104 | 24GL-104 | Valve Bracket |
| 17 | 33VF-P603VE | 33VF-P603VE | Compression Sleeve 3/16 |
| 18 | 33VF-P613VE | 33VF-P613VE | Compression Nut 3/16 |
| 22 | 1000-255 | 1000-255 | Burner Orifice |
| 23 | 1000-253 (x2) | 1000-253 (x2) | Closed Nipple |
| 24 | 2000-213 (x2) | 2000-213 (x2) | Elbow ⅛ |
| 25 | 1000-P203VE | 1000-P203VE | Locked Nut ⅛ |
| 26 | 1000-P200VE | 1000-P200VE | Nipple ⅛ x 2½ |
| 27 | 1000-P202VE | 1000-P202VE | Bushing |
| 28 | 1000-245 (x2) | 1000-245 (x2) | Elbow Street ⅜ |
| 29 | 33VF-P316VE | 33VF-P316VE | Alt Tubing 3/16 |
| 30 | 33VF-P295M | 33VF-P297M | Regulator |
| 32 | 33VF-P124VE | 33VF-P124VE | Street ⅜ x 45 Degree |
| 33 | 33VF-P112VE | 33VF-P112VE | Nipple ⅜ x 1½ |

# ILLUSTRATED PARTS LIST Cont.

## ZVF36U/42U PARTS AND ASSEMBLY with SIT Nova Valve

**Models: ZVFB3633MVN - ZVFB3633MVP**



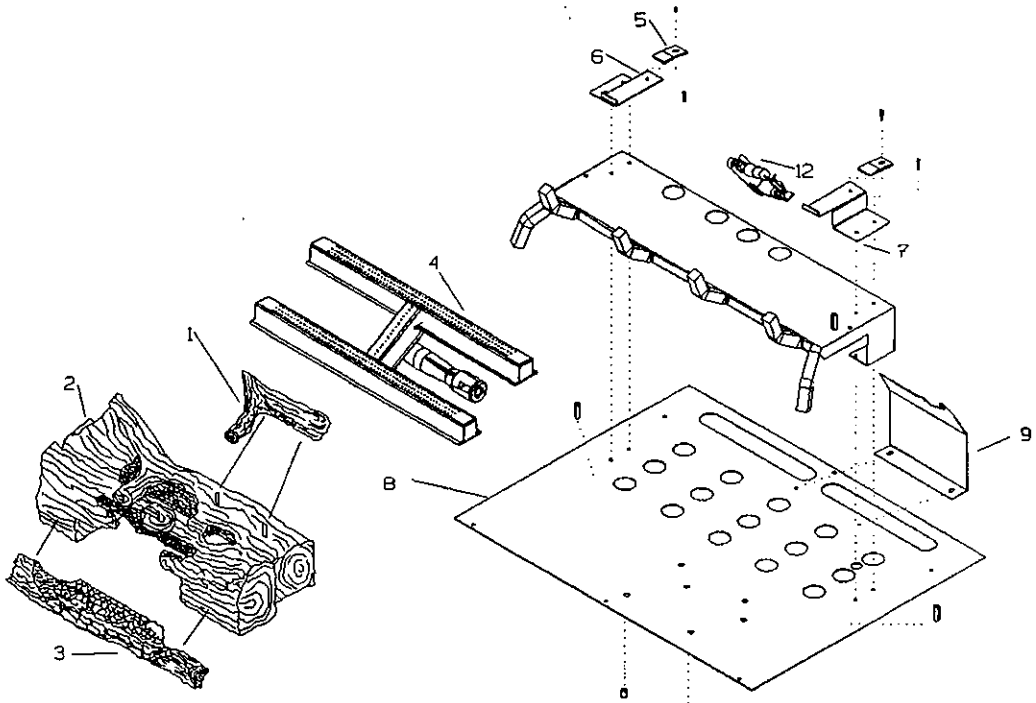

| Ref No. | Part Numbers for: ZVFB3633MVN | ZVFB3633MVP | Description |
|---|---|---|---|
| 1 | Sold as a set | Sold as a set | Top Branch |
| 2 | Sold as a set | Sold as a set | Main Log Set |
| 3 | Sold as a set | Sold as a set | Front Log |
| 4 | 33VF-200 | 33VF-200 | Burner |
| 5 | 4200-132 | 4200-132 | Burner Hold Down |
| 6 | 33VF110L | 33VF-110L | LH Burner Bracket |
| 7 | 33VF-110R | 33VF-110R | RH Burner Bracket |
| 8 | 36VF-105 | 36VF-105 | Bottom Burner Pan |
| 9 | 33VF-106 | 33VF-106 | Pilot Bracket |

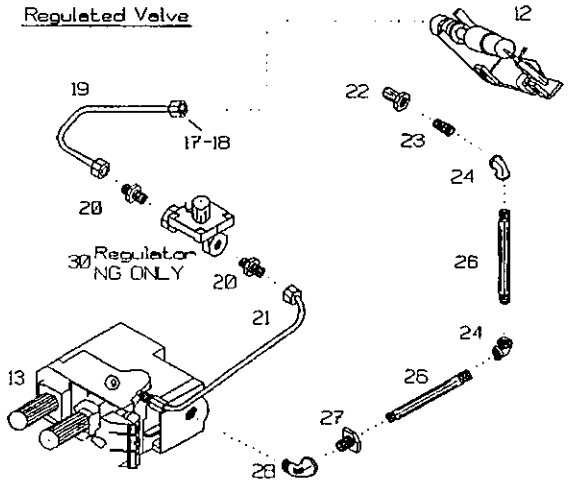
| Ref No. | Part Numbers for: ZVFB3633MVN | ZVFB3633MVP | Description |
|---|---|---|---|
| 10 | 33VF-113 | 33VF-113 | ODS Shield |
| 12 | 33VF-P8214 | 33VF-P8404 | ODS Pilot |
| 13 | 33VF-P637SI | 33VF-P636SI | ODS Valve |
| 14 | 6000-112 | 6000-112 | Valve Bracket |
| 15 | 1000-214 | 1000-214 | Piezo |
| 17 | 33VF-P603VE | 33VF-P603VE | Compression Sleeve ⅜ |
| 18 | 33VF-P613VE | 33VF-P613VE | Compression Nut ⅜ |
| 19 | 33VF-P316VE | 33VF-P316VE | Alt Tubing ⅜ |
| 20 | 33VF-P683VE | 33VF-P683VE | Connector ⅜ |
| 21 | 33VF-P316VE | na | Alt Tubing ⅜ |
| 22 | 1000-255 | 1000-255 | Burner Orifice |
| 23 | 1000-253 | 1000-253 | Closed Nipple |
| 24 | 2000-213 | 2000-213 | Elbow ⅛ |
| 25 | 1000-P203VE | 1000-P203VE | Locked Nut ⅛ |
| 26 | 1000-P200VE | 1000-P200VE | Nipple ⅛ x 2½ |
| 27 | 1000-P202VE | 1000-P202VE | Bushing |
| 28 | 1000-245 | 1000-245 | Elbow Street ⅜ |
| 30 | 33VF-P245M | na | Regulator |

# ILLUSTRATED PARTS LIST Cont.

## ZVF52 PARTS AND ASSEMBLY with SIT Nova Valve

**Models: ZVFB5240MVN - ZVFB5240MVP**



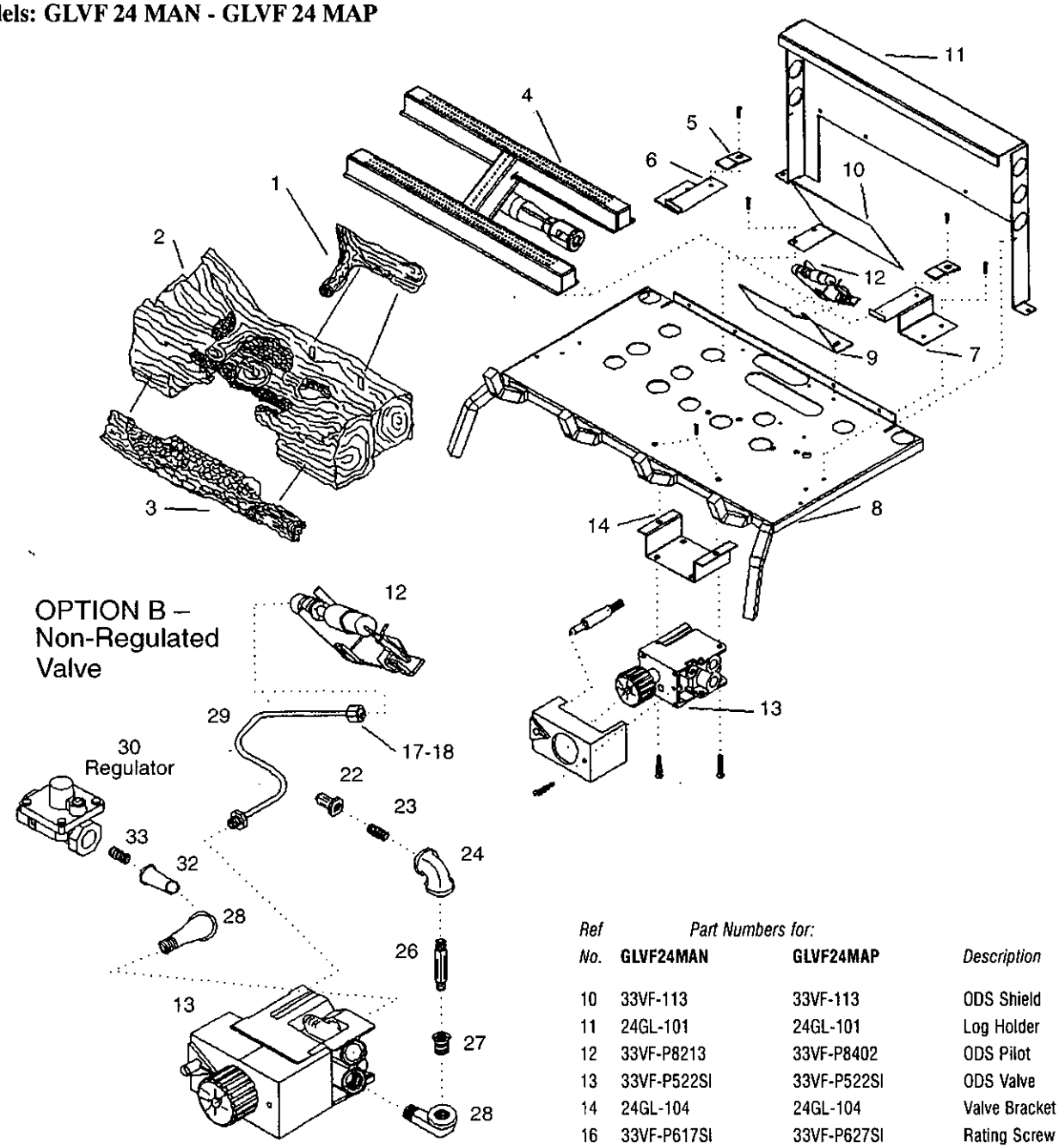

| Ref No. | Part Numbers for: ZVFB5240MVN | ZVFB5240MVP | Description |
|---|---|---|---|
| 1 | Sold as a set | Sold as a set | Top Branch |
| 2 | Sold as a set | Sold as a set | Main Log Set |
| 3 | Sold as a set | Sold as a set | Front Log |
| 4 | 52VF-200 | 52VF-200 | Burner |
| 5 | 4200-132 | 4200-132 | Burner Hold Down |
| 6 | 33VF-110L | 33VF-110L | LH Burner Bracket |
| 7 | 33VF-110R | 33VF-110R | RH Burner Bracket |
| 8 | 52VF-104 | 52VF-104 | Bottom Burner Pan |
| 9 | 52VF-113 | 52VF-113 | Pilot Bracket |

| Ref No. | Part Numbers for: ZVFB5240MVN | ZVFB5240MVP | Description |
|---|---|---|---|
| 12 | 33VF-P8214 | 33VF-P8404 | ODS Pilot |
| 13 | 33VF-P637SI | 33VF-P636SI | ODS Valve |
| 14 | 6000-112 | 6000-112 | Valve Bracket |
| 15 | 1000-214 | 1000-214 | Piezo Ignitor |
| 17 | 33VF-P603VE | 33VF-P603VE | Compression Sleeve 3/8 |
| 18 | 33VF-P613VE | 33VF-P613VE | Compression Nut 3/8 |
| 19 | 33VF-P316VE | 33VF-P316VE | Alt Tubing 3/8 |
| 20 | 33VF-P683VE | na | Connector 3/8 |
| 21 | 33VF-P316VE | 33VF-P316VE | Alt Tubing 3/8 |
| 22 | 1000-255 | 1000-255 | Burner Orifice |
| 23 | 1000-253 | 1000-253 | Closed Nipple |
| 24 | 2000-213 | 2000-213 | Elbow 1/2 |
| 26 | 5200-P185VE | 5200-P185VE | Nipple 1/2 x 5 |
| 27 | 1000-P202VE | 1000-P202VE | Bushing |
| 28 | 1000-245 | 1000-245 | Elbow Street 3/8 |
| 30 | 33VF-P245M | n/a | Regulator |

# ILLUSTRATED PARTS LIST Cont.

## VENT FREE 24" LOG SET PARTS AND ASSEMBLY with SIT Euro-Valve

**Models: GLVF 24 MAN - GLVF 24 MAP**



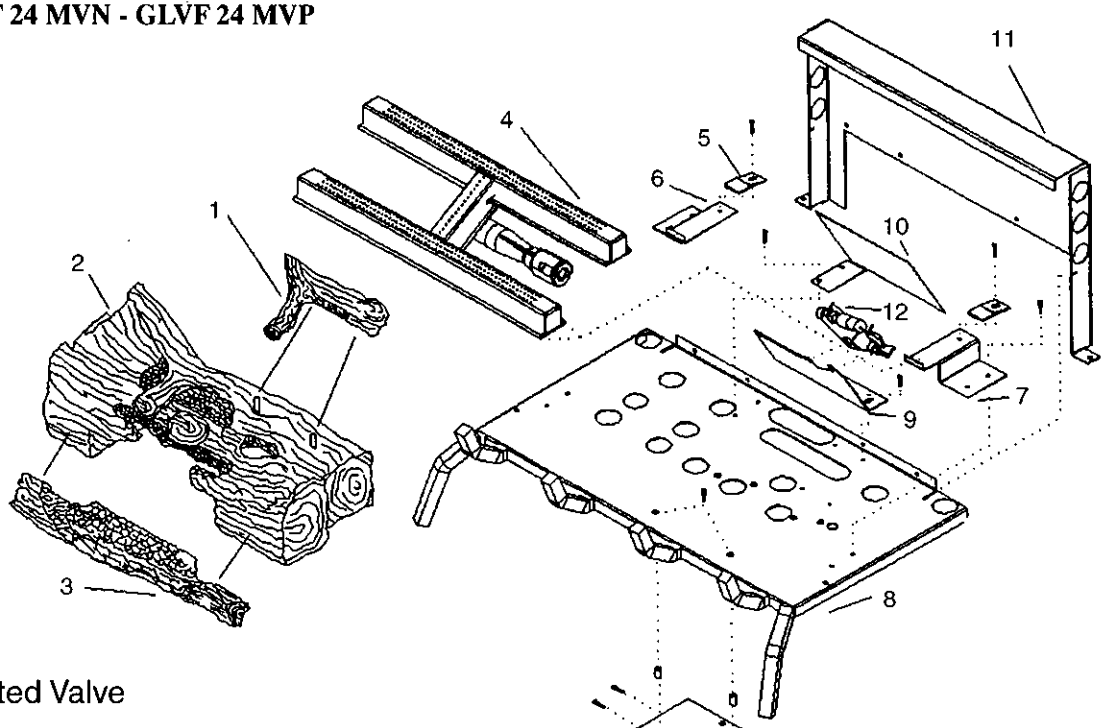

| Ref No. | Part Numbers for: GLVF24MAN | GLVF24MAP | Description |
|---|---|---|---|
| 1 | Sold as a set | Sold as a set | Top Branch |
| 2 | Sold as a set | Sold as a set | Main Log Set |
| 3 | Sold as a set | Sold as a set | Front Log |
| 4 | 24GL-200 | 24GL-200 | Burner |
| 5 | 4200-132 | 4200-132 | Burner Hold Down |
| 6 | 33VF110L | 33VF-110L | LH Burner Bracket |
| 7 | 33VF-110R | 33VF-110R | RH Burner Bracket |
| 8 | 24GL-105 | 24GL-105 | Bottom Burner Pan |
| 9 | 33VF-106 | 33VF-106 | Pilot Bracket |

| Ref No. | Part Numbers for: GLVF24MAN | GLVF24MAP | Description |
|---|---|---|---|
| 10 | 33VF-113 | 33VF-113 | ODS Shield |
| 11 | 24GL-101 | 24GL-101 | Log Holder |
| 12 | 33VF-P8213 | 33VF-P8402 | ODS Pilot |
| 13 | 33VF-P522SI | 33VF-P522SI | ODS Valve |
| 14 | 24GL-104 | 24GL-104 | Valve Bracket |
| 16 | 33VF-P617SI | 33VF-P627SI | Rating Screw |
| 17 | 33VF-P603VE | 33VF-P603VE | Compression Sleeve ⅜ |
| 18 | 33VF-P613VE | 33VF-P613VE | Compression Nut ⅜ |
| 22 | 1000-255 | 1000-255 | Burner Orifice |
| 23 | 1000-253 | 1000-253 | Closed Nipple |
| 24 | 2000-213 | 2000-213 | Elbow ⅛ |
| 25 | 1000-P203VE | 1000-P203VE | Locked Nut ⅛ |
| 26 | 1000-P200VE | 1000-P200VE | Nipple ⅛ x 2½ |
| 27 | 1000-P202VE | 1000-P202VE | Bushing |
| 28 | 1000-245 | 1000-245 | Elbow Street ⅜ |
| 29 | 33VF-P316VE | 33VF-P316VE | Alt Tubing ⅜ |
| 30 | 33VF-P295M | 33VF-P297M | Regulator |
| 32 | 33VF-P124VE | 33VF-P124VE | Street ⅜ x 45 Degree |
| 33 | 33VF-P112VE | 33VF-P112VE | Nipple ⅜ x 1½ |

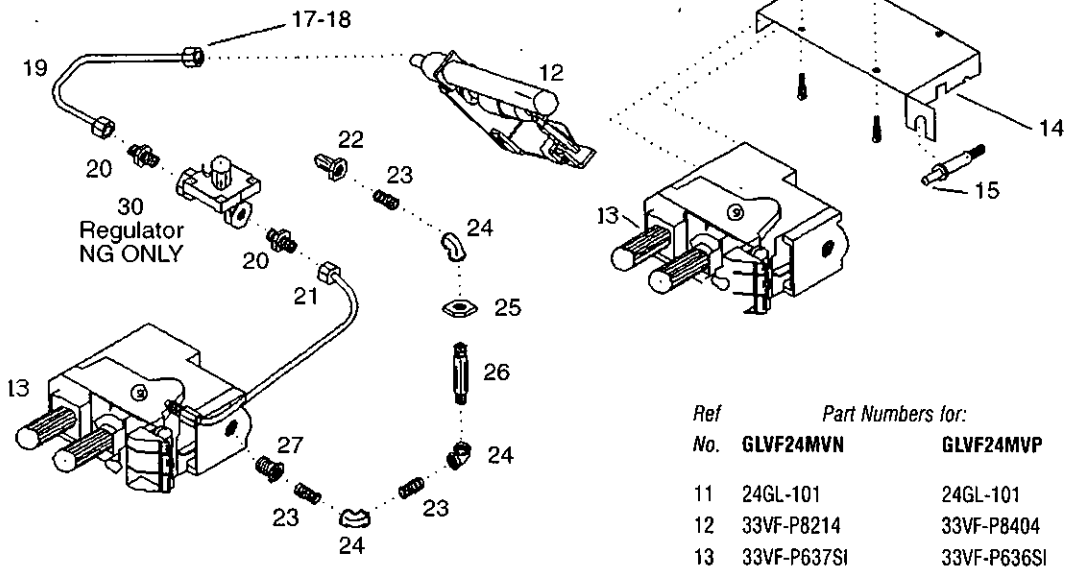
# ILLUSTRATED PARTS LIST Cont.

## VENT FREE 24" LOG SET PARTS AND ASSEMBLY with SIT Valve

**Models: GLVF 24 MVN - GLVF 24 MVP**




Regulated Valve




| Ref No. | Part Numbers for: GLVF24MVN | GLVF24MVP | Description |
|---|---|---|---|
| 1 | Sold as a set | Sold as a set | Top Branch |
| 2 | Sold as a set | Sold as a set | Main Log Set |
| 3 | Sold as a set | Sold as a set | Front Log |
| 4 | 24GL-200 | 24GL-200 | Burner |
| 5 | 4200-132 | 4200-132 | Burner Hold Down |
| 6 | 33VF110L | 33VF-110L | LH Burner Bracket |
| 7 | 33VF-110R | 33VF-110R | RH Burner Bracket |
| 8 | 24GL-105 | 24GL-105 | Bottom Burner Pan |
| 9 | 33VF-106 | 33VF-106 | Pilot Bracket |
| 10 | 33VF-113 | 33VF-113 | ODS Shield |

| Ref No. | Part Numbers for: GLVF24MVN | GLVF24MVP | Description |
|---|---|---|---|
| 11 | 24GL-101 | 24GL-101 | Log Holder |
| 12 | 33VF-P8214 | 33VF-P8404 | ODS Pilot |
| 13 | 33VF-P637SI | 33VF-P636SI | ODS Valve |
| 14 | 6000-112 | 6000-112 | Valve Bracket |
| 15 | 1000-214 | 1000-214 | Piezo |
| 17 | 33VF-P603VE | 33VF-P603VE | Compression Sleeve 3/8 |
| 18 | 33VF-P613VE | 33VF-P613VE | Compression Nut 3/8 |
| 19 | 33VF-P316VE | 33VF-P316VE | Alt Tubing 3/8 |
| 20 | 33VF-P683VE | 33VF-P683VE | Connector 3/8 |
| 21 | 33VF-P316VE | na | Alt Tubing 3/8 |
| 22 | 1000-255 | 1000-255 | Burner Orifice |
| 23 | 1000-253 (x3) | 1000-253 (x3) | Closed Nipple |
| 24 | 2000-213 (x3) | 2000-213 (x3) | Elbow 1/8 |
| 25 | 1000-P203VE | 1000-P203VE | Locked Nut 1/8 |
| 26 | 1000-P200VE | 1000-P200VE | Nipple 1/8 x 2 1/2 |
| 27 | 1000-P202VE | 1000-P202VE | Bushing |
| 30 | 33VF-P245M | na | Regulator |

# ACCESSORY AND PARTS LIST

| Product No. | Description |
|---|---|
| **ZVF33** | **KINGSMAN ZERO CLEARANCE VENT FREE FIREBOX**<br>Listed for Parts of USA, Framing 33 1/8" W x 31 " H x 13 3/4" D |
| ZVF33P | Zero Clearance Vent Free Firebox (as above) with Pull Screens |
| ZVF33 | Zero Clearance Vent Free Firebox (as above) with with Fixed Screen Door |
| | **BURNER SYSTEM (Required for ZVF33 Fire Box)** |
| | Burner Systems Controls are Hidden and Accessed Through Bottom Grill Area |
| ZVFB3330MAN | Vent Free Burner System – Manual Valve 30,000 BTU/HR Natural Gas |
| ZVFB3330MAP | Vent Free Burner System – Manual Valve 30,000 BTU/HR Liquid Propane |
| | **Millivolt Burner contains 10 ft. of Wire and Wall Switch for On/Off Operation** |
| ZVFB3330MVN | Vent Free Burner System – Millivolt Valve 30,000 BTU/HR Natural Gas |
| ZVFB3330MVP | Vent Free Burner System – Millivolt Valve 30,000 BTU/HR Liquid Propane |
| | **LOG SET: (Required for each unit)** |
| LOGF18 | Fibre Log 18" |
| LOGF24 | Fibre Log 24" |
| | **GRILL KIT: (Required for each unit)** |
| Z6GBA | Grill Kit - Classic Builder Antique Brass |
| Z6GBC | Grill Kit - Classic Builder Chrome |
| Z6GBP | Grill Kit - Classic Builder Polish Brass |
| VI30GBL | Grill Kit - Black |
| VI30GAB | Grill Kit - Antique Brass |
| VI30GPB | Grill Kit - Polish Brass |
| Z6GCR | Grill Kit - Chrome |
| Z33PBL | Panel Grill Kit - Black |
| | **FIREPLACE ACCESSORY OPTIONS:** |
| Z33SLAB | Slim Line Surround - Antique Brass |
| Z33SLCR | Slim Line Surround - Chrome |
| Z33SLPB | Slim Line Surround - Polish Brass |
| Z33SLBL | Slim Line Surround - Black |
| Z6SAB | Surround - Antique Brass Cover Old Style (32 1/2"H x 35 1/2" W) |
| Z6SCR | Surround - Chrome Cover New Style (31 3/16"H x 36 5/8"W) |
| Z6SPB | Surround - Polish Brass Cover New Style (31 3/16"H x 36 5/8"W) |
| ZVF33DS | Door Frame - c/w Fixed Screen |
| Z33FK | Fan Kit w/Variable Wall Mount Speed Control (Temperature Sensing) |
| Z33RL | Refractory Brick Liner (3 PCE) |
| Z1RC | Remote Control Millivolt (On/Off with LED) (Model I) |
| ZART | Remote Control Thermostat Millivolt (Model K) |
| Z1MT | Thermostat Millivolt Wall Mount |
| Z80PT | Thermostat Programmable Digital Millivolt Wall Mount (1F80-40) |
| **ZVF36** | **KINGSMAN ZERO CLEARANCE VENT FREE FIREBOX w/BOTTOM PAN**<br>Listed for USA as a Universal Firebox, Framing 36 3/8" W x 34" H x 17" D |
| ZVF36U | Zero Clearance Vent Free Firebox (as above) with Pull Screens |
| ZVF36UF | Zero Clearance Vent Free Firebox (as above) with Fixed Screen Door |
| | **BURNER SYSTEM - HIDDEN CONTROLS (Required for ZVF36U Fire Box)** |
| ZVFB3633MAN | Vent Free Burner System – Manual Valve 33,000 BTU/HR Natural Gas |
| ZVFB3633MAP | Vent Free Burner System – Manual Valve 33.000 BTU/HR Liquid Propane |
| ZVFB3633MVN | Vent Free Burner System – Millivolt Valve 33,000 BTU/HR Natural Gas |
| ZVFB3633MVP | Vent Free Burner System – Millivolt Valve 33,000 BTU/HR Liquid Propane |
| | **BURNER WITH GRATE (REQUIRES BOTTOM FIREBOX PAN IN ZVF36U)** |
| GLVF24MAN | Vent Free Gas Log Burner – Manual Valve 35,000 BTU/HR Natural Gas |
| GLVF24MAP | Vent Free Gas Log Burner – Manual Valve 30,000 BTU/HR Liquid Propane |
| GLVF24MVN | Vent Free Gas Log Burner – Millivolt Valve 35,000 BTU/HR Natural Gas |
| GLVF24MVP | Vent Free Gas Log Burner – Millivolt Valve 30,000 BTU/HR Liquid Propane |

# ACCESSORY AND PARTS LIST Cont.

| Product No. | Description |
|---|---|
| | **LOG SET: (Required for each unit)** |
| LOGF18 | Log Set – Fibre Split Oak 18" |
| LOGF24 | Log Set – Fibre Split Oak 24" |
| | **GRILL KIT OR PANEL KIT: (Required for each unit)** |
| Z36GBA | Grill Kit - Classic Builder Antique Brass |
| Z36GBC | Grill Kit - Classic Builder Chrome |
| Z36GBP | Grill Kit - Classic Builder Polish Brass |
| Z1GBL | Grill Kit - Black |
| Z1GAB | Grill Kit - Antique Brass |
| Z1GPB | Grill Kit - Polish Brass |
| Z36GCR | Grill Kit - Chrome |
| ZVF36PBL | Panel Kit - Black (For ZVF36U/ZVF36UF only) |
| Z36PBL | Panel Grill Kit - Black |
| | **FIREPLACE ACCESSORIES OPTIONS:** |
| Z36SLAB | Slim Line Surround - Antique Brass |
| Z36SLCR | Slim Line Surround - Chrome |
| Z36SLPB | Slim Line Surround - Polish Brass |
| Z36SLBL | Slim Line Surround - Black |
| Z36SAB | Surround – Antique Brass (Coverage Old Style 33 3/4" H x 39 7/8" W) |
| Z36SCR | Surround - Chrome (Coverage New Style 34 1/2" H x 41 1/8" W) |
| Z36SPB | Surround – Polish Brass (Coverage New Style 34 1/2" H x 41 1/8" W) |
| ZVF36DS | Door Frame - c/w Fixed Sceen |
| Z33FK | Fan Kit w/Variable Speed Wall Mount Control (Temperature Sensing) |
| Z1MT | Thermostat Millivolt Wall Mount |
| Z80PT | Thermostat Programmable Digital Millivolt Wall Mount (1F80-40) |
| ZIRC | Remote Control Millivolt (On/Off with LED) (Model I) |
| ZART | Remote Control Thermostat Millivolt (Model K) |
| Z36RL | Refractory Liner (3 Piece) |
| **ZVF42U** | **KINGSMAN ZERO CLEARANCE VENT FREE FIREBOX w/BOTTOM PAN**<br>Listed for USA as a Universal Firebox, Framing 42 3/8" W x 36 1/4" H x 17" D |
| ZVF42U | Zero Clearance Vent Free Firebox (as above) with Pull Screens |
| ZVF42UF | Zero Clearance Vent Free Firebox (as above) with Fixed Screen Door |
| | **BURNER SYSTEM - HIDDEN CONTROLS (Required for ZVF42U Firebox)** |
| ZVFB3633MAN | Vent Free Burner System – Manual Valve 33,000 BTU/HR Natural Gas |
| ZVFB3633MAP | Vent Free Burner System – Manual Valve 33.000 BTU/HR Liquid Propane |
| ZVFB3633MVN | Vent Free Burner System – Millivolt Valve 33,000 BTU/HR Natural Gas |
| ZVFB3633MVP | Vent Free Burner System – Millivolt Valve 33,000 BTU/HR Liquid Propane |
| | **BURNER WITH GRATE (Requires Bottom Firebox Pan in ZVF42U)** |
| GLVF24MAN | Vent Free Gas Log Burner – Manual Valve 35,000 BTU/HR Natural Gas |
| GLVF24MAP | Vent Free Gas Log Burner – Manual Valve 30,000 BTU/HR Liquid Propane |
| GLVF24MVN | Vent Free Gas Log Burner – Millivolt Valve 35,000 BTU/HR Natural Gas |
| GLVF24MVP | Vent Free Gas Log Burner – Millivolt Valve 30,000 BTU/HR Liquid Propane |
| | **LOG SET: (Required for each unit)** |
| LOGF18 | Log Set – Fibre Split Oak 18" |
| LOGF24 | Log Set – Fibre Split Oak 24" |
| | **GRILL KIT OR PANEL KIT: (Required for each unit)** |
| Z42GBA | Grill Kit - Classic Builder Antique Brass |
| Z42GBC | Grill Kit - Classic Builder Chrome |
| Z42GBP | Grill Kit - Classic Builder Polish Brass |
| Z42GBL | Grill Kit - Black |
| Z42GAB | Grill Kit - Antique Brass |
| Z42GPB | Grill Kit - Polish Brass |
| Z42GCR | Grill Kit - Chrome |
| ZVF42PBL | Panel Kit - Black (For ZVF42U/ZVF42UF only) |
| Z42PBL | Panel Grill Kit - Black |

# ACCESSORY AND PARTS LIST cont.

**FIREPLACE ACCESSORIES OPTIONS:**

| | |
|---|---|
| Z42SLAB | Slim Line Surround - Antique Brass |
| Z42SLCR | Slim Line Surround - Chrome |
| Z42SLPB | Slim Line Surround - Polish Brass |
| Z42SLBL | Slim Line Surround - Black |
| Z42SAB | Surround – Antique Brass (Coverage Old Style 35 15/16" H x 43 7/8" W) |
| Z42SCR | Surround – Chrome (Coverage New Style 36 5/8" H x 45 1/8" W) |
| Z42SPB | Surround – Polish Brass (Coverage New Style 36 5/8" H x 45 1/8" W) |
| ZVF42DS | Door Frame - c/w Fixed Screen |
| Z33FK | Fan Kit w/Variable Speed Wall Mount Control (Temperature Sensing) |
| Z1MT | Thermostat Millivolt Wall Mount |
| Z80PT | Thermostat Programmable Digital Millivolt Wall Mount (1F80-40) |
| ZIRC | Remote Control Millivolt (On/Off with LED) (Model I) |
| ZART | Remote Control Thermostat Millivolt (On/Off) |
| Z42RL | Refractory Liner (3 Piece) |

**ZVF52** **KINGSMAN ZERO CLEARANCE VENT FREE FIREBOX w/BOTTOM PAN**

Listed for USA as a Universal Firebox, Framing 52 1/4" W x 44 9/16" H x 21 5/8"

| | |
|---|---|
| ZVF52U | Zero Clearance Vent Free Firebox (as above) with Pull Screens |
| ZVF52 | Zero Clearance Vent Free Firebox (as above) with Fixed Screen Door |

**BURNER SYSTEM (Required for ZVF52 Firebox)**

Millivolt Burner contains 10 ft. of Wire and Wall Switch for On/Off Operation

| | |
|---|---|
| ZVFB5240MVN | Vent Free Burner System – Millivolt Valve 40,000 BTU/HR Natural Gas |
| ZVFB5240MVP | Vent Free Burner System – Millivolt Valve 37,000 BTU/HR Liquid Propane |

**BURNER WITH GRATE (Bottom Firebox Pan Required when used with models ZVF52. Valve located underneath burner assembly)**

| | |
|---|---|
| GLVF24MAN | Vent Free Gas Log Burner – Manual Valve 35,000 BTU/HR Natural Gas |
| GLVF24MAP | Vent Free Gas Log Burner – Manual Valve 30,000 BTU/HR Liquid Propane |
| GLVF24MVN | Vent Free Gas Log Burner – Millivolt Valve 35,000 BTU/HR Natural Gas |
| GLVF24MVP | Vent Free Gas Log Burner – Millivolt Valve 30,000 BTU/HR Liquid Propane |

**LOG SET: (Required for each unit)**

| | |
|---|---|
| LOGF18 | Log Set – Fibre Split Oak 18" |
| LOGF24 | Log Set – Fibre Split Oak 24" |
| LOGF30 | Log Set – Fibre Split Oak 30" |

**GRILL KIT: (Required for each unit)**

| | |
|---|---|
| Z52GBA | Grill Kit - Classic Builder Antique Brass |
| Z52GBC | Grill Kit - Classic Builder Chrome |
| Z52GBP | Grill Kit - Classic Builder Polish Brass |
| Z52GBL | Grill Kit - Black |
| Z52GAB | Grill Kit - Antique Brass |
| Z52GPB | Grill Kit - Polish Brass |
| Z52GCR | Grill Kit - Chrome |
| Z52PBL | Panel Grill Kit - Black |

**FIREPLACE ACCESSORIES OPTIONS FOR MODEL ZVF36:**

| | |
|---|---|
| Z52SLAB | Slim Line Surround - Antique Brass |
| Z52SLCR | Slim Line Surround - Chrome |
| Z52SLPB | Slim Line Surround - Polish Brass |
| Z52SLBL | Slim Line Surround - Black |
| Z52SAB | Surround – Antique Brass (Coverage 45" H x 53 7/8" W) |
| Z52SCR | Surround – Chrome (Coverage 45" H x 53 7/8" W) |
| Z52SPB | Surround – Polish Brass (Coverage 45" H x 53 7/8" W) |
| ZVF52DS | Door Frame - c/w Fixed Screen |
| ZIRC | Remote Control Millivolt (On/Off with LED) (Model I) |
| ZART | Remote Control Thermostat Millivolt (On/Off) |
| Z33FK | Fan Kit w/Variable Speed Wall Mount Control (Temperature Sensing) |
| Z52RL | Refractory Brick Liner (3pce) |

# TROUBLESHOOTING

**NOTE: all troubleshooting items are listed in order of operation.**

## ⚠ WARNING

Turn off and let cool before servicing. Only a qualified service person should service and repair heater.

## When ignitor button is pressed, there is no spark at ODS/Pilot.

| *Possible Cause* | *Remedy* |
|---|---|
| 1. Ignitor electrode positioned wrong. | 1. Replace ignitor. |
| 2. Ignitor electrode is broken. | 2. Replace ignitor. |
| 3. Ignitor electrode not connected to ignitor cable. | 3. Reconnect ignitor cable. |
| 4. Ignitor cable pinched or wet. | 4. Free ignitor cable if pinched by any metal or tubing. Keep ignitor cable dry. |
| 5. Piezo ignitor nut is loose. | 5. Tighten nut. |
| 6. Broken ignitor cable. | 6. Replace ignitor cable. |
| 7. Bad piezo ignitor. | 7. Replace piezo ignitor. |

## Appliance produces unwanted odors.

| *Possible Cause* | *Remedy* |
|---|---|
| 1. Appliance burning vapors from paint, hair spray, glues, etc. | 1. Ventilate room. Stop using odor-causing products while heater is running |
| 2. Gas leak. | 2. Locate and correct all leaks. |

## Appliance shuts off in use.

| *Possible Cause* | *Remedy* |
|---|---|
| 1. Not enough fresh air is available for ODS/pilot to operate. | 1. Open window and/or door ventilation. |
| 2. Low line pressure. | 2. Contact local gas company. |
| 3. ODS/pilot is partially clogged. | 3. Clean ODS/pilot. |

## Gas odor even when control knob is in OFF position.

| *Possible Cause* | *Remedy* |
|---|---|
| 1. Gas leak. | 1. Locate and correct all leaks. |
| 2. Control valve defective. | 2. Replace control valve. |

## When ignitor button is pressed, there is a spark at ODS/pilot, but no ignition.

| *Possible Cause* | *Remedy* |
|---|---|
| 1. Gas supply turned off or manual shutoff valve closed. | 1. Turn on gas supply or open manual shutoff valve. |
| 2. Control knob not in PILOT position. | 2. Turn control knob while in PILOT position. |
| 3. Control knob not pressed in while in PILOT position. | 3. Press control knob in while in PILOT position. |
| 4. Air in gas lines when installed. | 4. Continue holding down control knob. Repeat igniting operation until air is removed. |
| 5. ODS/pilot is clogged. | 5. Replace ODS/pilot assembly or get it serviced. |
| 6. Gas regulator setting is not correct. | 6. Replace gas regulator. |

## ODS/pilot lights, but flame goes out when control knob is released.

| *Possible Cause* | *Remedy* |
|---|---|
| 1. Control knob not fully pressed in. | 1. Press control knob in fully. |
| 2. Control knob not pressed in long enough. | 2. After ODS/pilot lights, keep control knob pressed in for 30 seconds. |
| 3. Manual shutoff valve not fully open. | 3. Fully open manual shutoff valve. |
| 4. Thermocouple connection loose at valve. | 4. Hand tighten until snug, then tighten ¼ turn more. |

# TROUBLESHOOTING Cont.

| | |
|---|---|
| 5. Pilot flame not touching thermocouple, which allows thermocouple to cool, causing pilot flame to go out. Problem could be caused by one or both of the following: A) Low gas pressure B) Dirty or partially clogged ODS/pilot. | 5. Contact local gas company. |
| 6. Thermocouple damaged. | 6. Replace thermocouple |
| 7. Control valve damaged. | 7. Replace control valve. |

## One or both burners do not light after ODS/pilot is lit.

| *Possible Cause* | *Remedy* |
|---|---|
| 1. Burner orifice is clogged. | 1. Clean burner or replace light burner orifice. |
| 2. Inlet pressure is too low. | 2. Contact qualified service person. |

## Delayed ignition of burner.

| *Possible Cause* | *Remedy* |
|---|---|
| 1. Manifold pressure is too low. | 1. Contact local gas company. |
| 2. Burner orifice is clogged. | 2. Clean burner or replace burner orifice. |

## Burner backfiring during combustion.

| *Possible Cause* | *Remedy* |
|---|---|
| 1. Burner orifice is clogged or damaged. | 1. Clean burner or replace burner orifice. |
| 2. Burner is damaged. | 2. Replace burner. |
| 3. Gas regulator is defective. | 3. Replace gas regulator. |

## Slight smoke or odor during initial operation.

| *Possible Cause* | *Remedy* |
|---|---|
| 1. Vapors from paint or curing process of logs. | 1. Problem will stop after a few hours of operation. Run the heater with the damper open if you have one or open a window for the first few hours. |

## Log appears to smoke (after initial operation).

| *Possible Cause* | *Remedy* |
|---|---|
| | 1. Log heater is intended to be smokeless. Turn off heater and call qualified service person. |

## Heater produces a whistling noise when burner is lit.

| *Possible Cause* | *Remedy* |
|---|---|
| 1. Turning control knob to HI position when burner is cold. | 1. Turn control knob to LO position and let warm up for a minute |
| 2. Air in gas line. | 2. Operate burner until air is removed from line. Have gas line checked by local gas company. |
| 3. Dirty or partially clogged burner orifice. | 3. Clean burner or replace burner orifice. |

## No Gas to pilot.

| *Possible Cause* | *Remedy* |
|---|---|
| 1. LP regulator shut down due to inlet pressure being too high | 1. Verify LP tank regulator is installed and set at 11 to 13 inches w.c. |
| | 2. Replace LP regulator on heater. |

# LIMITED LIFETIME WARRANTY

This Limited Lifetime Warranty applies only while the unit remains at the site of the original installation and only if the unit is installed inside the continental United States, Alaska, Hawaii, and Canada. The warranty applies only if the unit is installed and operated in accordance with the printed instructions and in compliance with applicable installation and building codes and good trade practices.

## BASIC ONE YEAR WARRANTY

During the first year after installation, we will provide a replacement for any component part of your unit found to be defective in materials or workmanship, including labour costs. Repair work requires prior approval by Kingsman, labour costs are based on a predetermined rate schedule and any repair work must be done through an authorized Kingsman dealer.

## LIMITED LIFETIME WARRANTY

The heat exchanger, combustion chamber and burner of every Kingsman product excluding the Outdoor Firepit are warranted against materials or workmanship during the period the product is owned by the original owner. The part to be replaced must be returned to our distributor in exchange for the replacement part. Any labor, material, freight and/or handling charges associated with any repair or replacement pursuant to this Limited Lifetime Warranty will not be covered by this warranty.

## GENERAL TERMS

In lieu of providing a replacement part, we may, at our option, provide the distributor's component purchase price from us or a credit equal to the distributors component purchase price from us toward the purchase of any new unit which we distribute. If a credit is given in lieu of a replacement part, the rating plate from the unit being replaced must be submitted on a warranty claim, and the unit being replaced must be made available to our distributor for disposition.

In establishing the date of installation for any purpose, including determination of the starting date for the term of this Limited Lifetime Warranty, reasonable proof of the original installation date must be presented*, otherwise the effective date will be based upon the date of manufacture plus thirty (30) days.

We will not be responsible for and you, the user, will pay for: (a) damages caused by accident, abuse, negligence, misuse, riot, fire, flood, or Acts of God (b) damages caused by operating the unit where there is a corrosive atmosphere containing chlorine, fluorine, or any other damaging chemicals (other than in a normal residential environment) (c) damages caused by any unauthorized alteration or repair of the unit affecting its stability or performance (d) damages caused by improper matching or application of the unit or the unit's components (e) damages caused by failing to provide proper maintenance and service to the unit (f) any expenses incurred for erecting, disconnecting or dismantling the unit (g) parts or supplies used in connection with service or maintenance (h) damage repairs, inoperation or inefficiency resulting from faulty installation or application (i) electricity or fuel costs or any increase in electricity or fuel cost whatsoever including additional or unusual use of supplemental electric heat.

We shall not be liable for any incidental, consequential, or special damages or expenses in connection with any use or failure of this unit. We have not made and do not make any representation or warranty of fitness for a particular use or purpose, and there is no implied condition of fitness for a particular use or purpose. We make no express warranties except as stated in this Limited Lifetime Warranty. No one is authorized to change this Limited Lifetime Warranty or to create for us any other obligation or liability in connections with this unit. Any implied warranties shall last for one year after the original installation. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages or do not allow limitations on how long an implied warranty or condition lasts, so the above limitations or exclusions may not apply to you. The provisions of this limited warranty are in additions to and not a modification of or subtraction from any statutory warranties and other rights and remedies provided by law.

Save this certificate. It gives you specific legal rights, and you may also have other rights which may vary from state to state and province to province.

In the event your unit needs servicing, contact your dealer or contractor who installed or serviced your unit. When requesting service, please have the model and serial number from each unit readily available. If your dealer needs assistance, the distributor is available for support and we, in turn support the distributor's efforts.

Fill in the installation date and model and serial numbers of the unit in the space provided below and retain this limited warranty for your files.

**Model No.** _____ **Serial No.** _____ **Date installed** _____

**Dealer or Contractor Name:** _____

*To receive advantage of your warranty, you must retain the original records that can establish the installation date of your unit.

# Counter Form
PLEASE PRINT

## PLUMBING

Contractor: BILL DALTON PLUMBING & HEATING
Address: 555 NEW JERSEY AVE
BRICK N.J. 08724
Phone #: 732-458 2424
Lis #: 10633
Federal Emp # or SSN 364 38 170

Technical Data

| Fixtures | Quantity |
|---|---|
| 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 | 1 |
| 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 100.00

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: WILLIAM E DALTON

CONTRACTOR'S SEAL

[signature]

## FIRE

Contractor: PSD CORPORATION
Address: PO BOX 4158
BRICK
Phone #: 732-477-8200
Lis #: 023218
Federal Emp # or SSN 22 2217981

Technical Data

Description of Work:

Heating Type: ___Gas ___Oil ___Electric ___Solar
Heating System is ___New ___Existing
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

| Item | Quantity |
|---|---|
| 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 1

Wood Burning Stove
Wood Fireplace
Other:

Estimated Cost of Fire Work $700.00

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] PRESIDENT
Print Name: DON BERTRAND PRESIDENT
PSD CORPORATION

update
02-4717-A

# Township of Brick
Counter Form
(PLEASE PRINT)

Site Location: 619 IVANHOE RD BRICK
Block: 646.07 Lot: 60.06
Owner's Name: PSD CORPORATION
Owner's Mailing Address: PO BOX 415B OSBORNVILLE BRICK N.J. 08723
Phone: (732) 477-8200

## BUILDING

Contractor: SAME
Address:
Phone#:
Lis # 023218
Federal Emp # or SSN 22-2217981

Technical Data
Description of Work:

GAS FIRE PLACE

Type of Work

| | |
|---|---|
| X New Building | ___Siding |
| ___Addition | ___Fence |
| ___Alteration | ___Pool |
| ___Roofing | ___Demolition |
| ___Asbestos Abatement | ___Sign ___sq ft |
| X Fireplace w/ 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: $ 700.00
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: PRESIDENT
Please Print Name DON BERTRAND PRESIDENT
PSD CORPORATION

## ELECTRICAL

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

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 | |
| 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:

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

CONTRACTOR'S SEAL

FROM :BILL DALTON PLUMBING&HEATING FAX NO. :7324582424 Jul. 25 2003 08:14AM P1

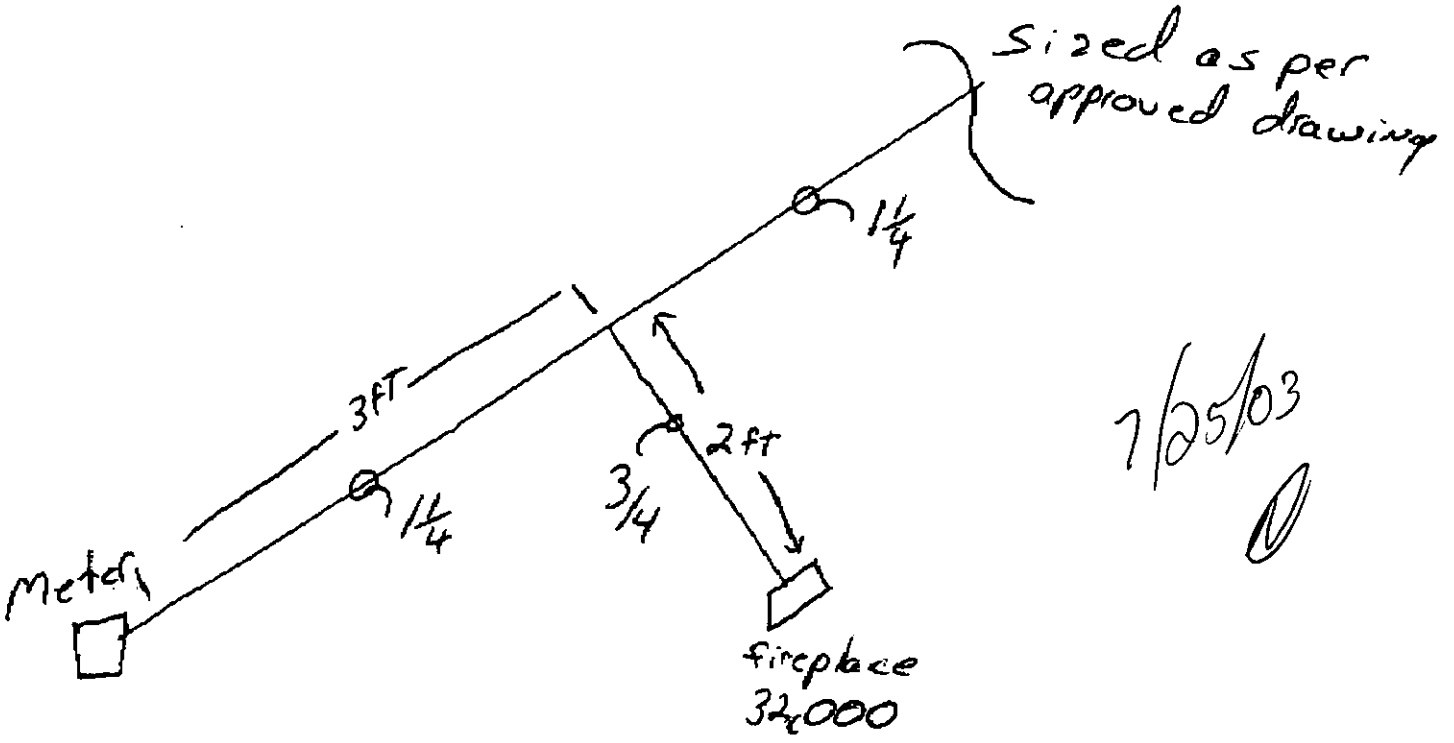
614 Ivanhoe Rd.

Blk. 646.07

Lot 60.06

Bill Da Hon
732-330.9845

Attention: Mark Hibbard

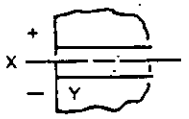



7/25/03

# Craig Testing Laboratories, Inc.

P.O. Box 427 • 5435 Harding Highway, Mays Landing, NJ 08330
Phone (609) 625-3212 • Fax (609) 625-1798

## REPORT OF ULTRASONIC EXAMINATION OF WELDS



Plan View

Piece Mark 614 Ivanhoe Rd. Beam Splice
Weld Identification Full-pewn
Material Thickness 3/4
Weld Joint AWS B-U2
Weld Process SMAW
Quality Requirements - Section No. 6.2
Remarks All welds tested Satisfactory

| Line Number | Indication Number | Transducer Angle | Leg° | DECIBELS | | | | DEFECT | | | | | Discontinuity evaluation | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Indication Level a | Reference Level b | Attenuation Factor c | Indication Rating d | Length | Angular Distance (Sound Path) | Depth from "A" Surface | DISTANCE From X | DISTANCE From Y | | |
| 1 | BS. 1 | 70° | 1½ | | 36 | | | | | | | | | Beam Splice - 1 Top-Bott. Good |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |

Date Fri. May 2, 2003
614 Ivanhoe Rd.
PDS Corp

Inspection by S. J. Evans

SHADE TREE PERMIT

RECEIPT OF FEES

BLOCK: 646.07

LOT: 60.06

FEE: $ 25.00

INSPECTION

APPLICATION FOR SHADE TREE PERMIT

ORDINANCE # 158-E-99

Telephone # 732 477 8200

1. Name of Applicant & Address PSD CORPORATION PO BOX 4158 OSBORNVILLE BRICK N.J. 08723
Give name and address of person applying for permit. If applicant is other than owner, give and identify names and addresses of both.

2. Property is Block 646.07, Lot(s) 60.06
This information is available from your deed or tax bill.

3. Address if different from applicant_____
Give street and number if one is assigned. If there is no street number, estimate distance and direction from nearest intersection or other easily recognizable land mark.

4. Location of trees on property SEE PLOT PLAN and number of trees presently on property_____.

A. FOR INDIVIDUAL BUILDING LOTS:

Provide either a copy of a recent survey or a sketch of the property drawn to scale including any pertinent distances not easily read from the sketch.

Include existing buildings, driveways and other constructions in SOLID LINES. Show all existing trees (see note below) with a circle. Trees may be keyed as to genus and species if desired, otherwise include a C inside circle for coniferous (pine, etc.) trees and A D for dedidous trees.

Note* Trees to be removed will have an X through the circle.

If removal is desired because of proposed construction of any kind, include such construction in DOTTED LINES and identify. If planting of new trees (including but not limited to those in note below) is proposed in application to replace those removed, or for any other reason, show approximate proposed location with a DOTTED CIRCLE and specify species and approximate planting size (height and caliper).

There should be a minimum of one tree for each 2000 square foot after all tree removal and replacement. (e.g. an 80 X 100 Ft lot includes 8000 SF and would require a minimum of 4 trees).

B. FOR OTHER ACREAGE

Include copy of subdivision plot plan or equivalent outlining all wooded areas and solitary trees. Identify each (e.g."heavily wooded mature oak with scattered Dogwood" or "sparsely wooded mixed Pitch Pine and small Oak, etc).

APPLICATION FOR SEADE TREE PERMIT- Ordinance # 158-2-99
Page 2

Note:

"Tree" for the purpose of this permit means (1) any live coniferous tree 4" or more DBH (diameter breast high) (2) any dediduous tree (live) 3" or more DBH (3) any live American Holly or Dogwood 1" or more, one foot above ground and (4) any live Laurel 3" or more across root crown.

---

Date 11/ /02

Name of Applicant PSD CORPORATION

Address PO BOX 4158 BRICK N.J. 08723

DON BERTRAND PRESIDENT

Block 646.07 Lot 60.06

Residential X Commercial

Address if different from applicant JOB LOCATION 619 IVANHOE RD

AS SHOWN ON PLOT PLAN

LOCATION OF TREES ON PROPERTY

" " " " "

NUMBER OF TREES PRESENTLY ON PROPERTY

---

FEES

$5.00 per tree (maximum $25.00) on individual building lot

$25.00 per acre for approved subdivisions/site plans

AMOUNT OF FEE 25

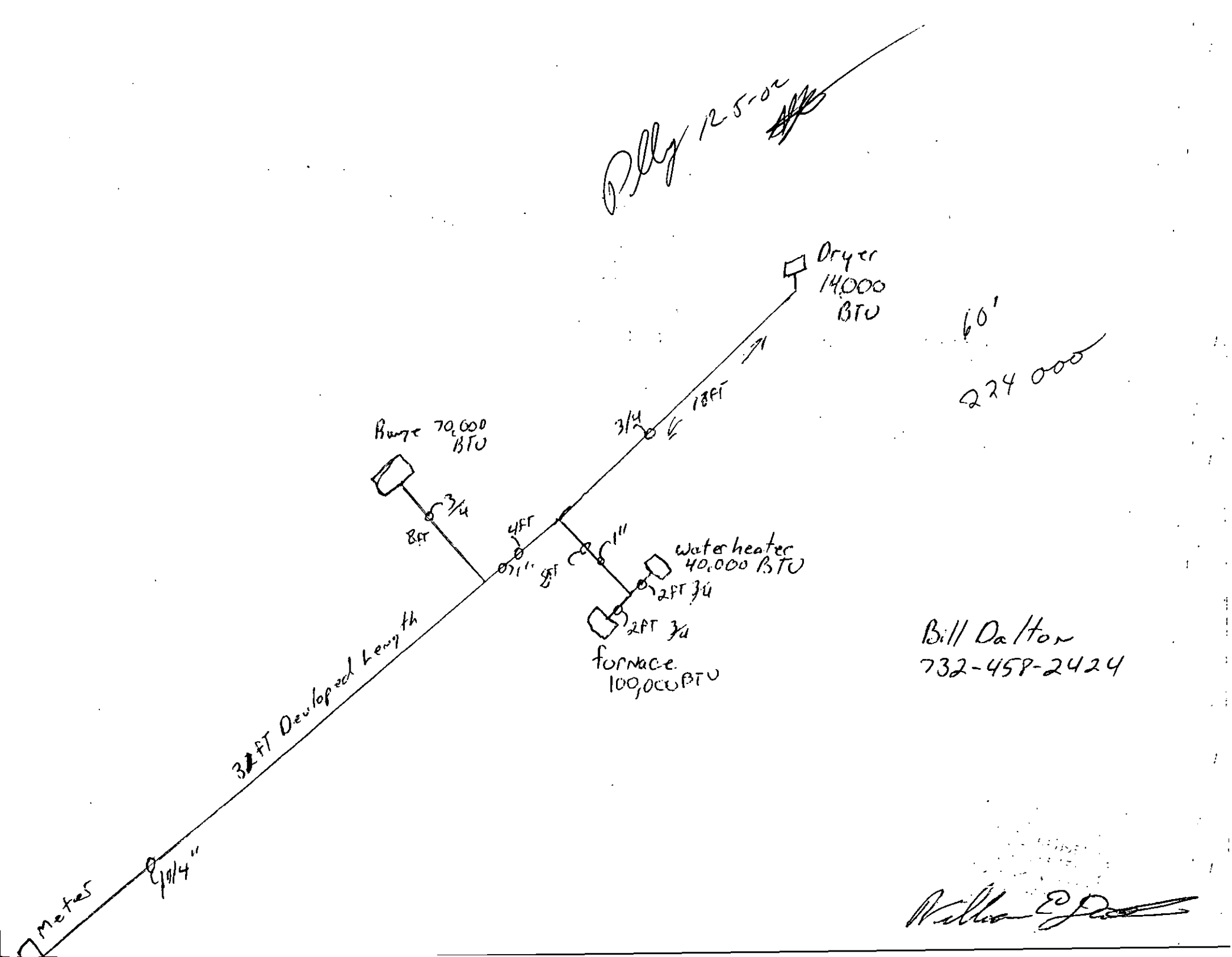
---

Reviewed by

Approved

Township Engineer

Date 11/15/02




Billy 12-0"

60'

224 000

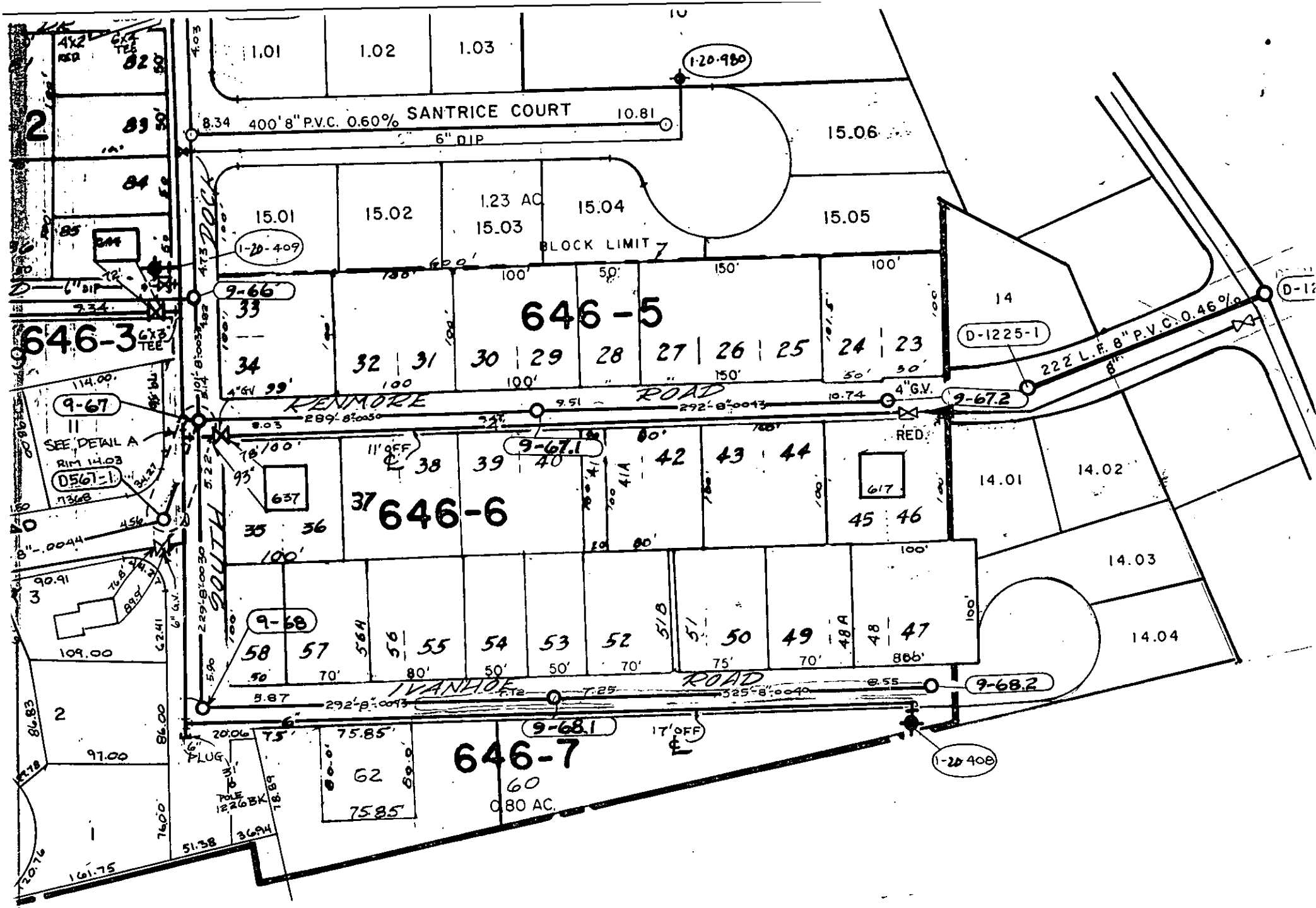
Bill Dalton
732-458-2424

# SINGLE FAMILY DWELLING CHECKLIST

1. Construction Permit Jacket Completed and Signed — Yes _____ No_____
2. Zoning Application Completed — Yes ✓ No_____
3. Two True Size Surveys — Yes ✓ No_____
4. Engineering Form:
   - Single Family Home Checklist — Yes ✓ No_____
   - Major Subdivision — Yes _____ No_____
5. Shade Tree Application — Yes ✓ No_____
6. Debris Form — Yes ✓ No_____
7. BTMUA Availability Statement — Yes ✓ No_____
8. Building, Plumbing, Electrical and Fire Permits — Yes ✓ No_____
9. ~~Gas Pipe Drawing~~ — Yes ✓ No_____
10. Drain Waste Venting Schematic (DWV) — Yes ✓ No_____
11. Brochures:
    - Furnace — Yes _____ No_____
    - Air Conditioner — Yes _____ No_____
    - Fireplace — Yes _____ No _____
    - Boiler — Yes _____ No _____
12. Options:
    - Fireplace (Gas or Wood) — Yes _____ No ✓
    - Basement — Yes ✓ No_____
    - Crawl — Yes _____ No ✓
    - Slab — Yes _____ No ✓
    - Deck — Yes _____ No ✓
13. Two Sets of Plans-architectural plans signed and sealed Homeowners Plans signed by homeowner on all pages — Yes ✓ No_____
14. Soil Boring Report showing seasonal high water table required for any new basements — Yes ✓ No_____
15. Joist layout showing blocking for any engineered floor joist (TJI) — Yes _____ No_____

**Please separate the cost for fireplaces and decks from the cost of the new building - they are considered alterations

Your permit application will not be accepted if any of the above information is missing


SANTRICE COURT
8.34 400' 8" P.V.C. 0.60%
6" DIP
10.81
1.01
1.02
1.03
1-20-980
15.06
15.01
15.02
1.23 AC
15.03
15.04
15.05
BLOCK LIMIT
1-20-409
9-66
646-3
646-5
646-6
646-7
RENMORE ROAD
9-67
SEE DETAIL A
RIM 14.03
D561-1
9-67.1
9-67.2
D-1225-1
222' L.F. 8" P.V.C. 0.46%
14
14.01
14.02
14.03
14.04
SOUTH
9-68
IVANHOE ROAD
9-68.2
9-68.1
1-20 408
PLUG
POLE 12,26 BK
RED
637
617
60
0.80 AC.
7585

SHEET 37

# SIZING FOR WATER AND SEWER SERVICES

PROPERTY OWNER _____ DATE _____

PROPERTY ADDRESS _____ BLOCK ____ LOT ____

ZONING _____ USE GROUP _____

CONTRACTOR _____ LICENSE # REGISTRATION _____

WATER MAIN SIZE _____ WATER PRESSURE _____ SEWER MAIN SIZE _____

| PLUMBING FIXTURES | NUMBER | (sfu) WATER UNITS | | (dfu) DRAINAGE |
|---|---|---|---|---|
| 1:BATHROOM GROUP | _____ | ( ) | ( ) | _____ |
| 2:KITCHEN GROUP | _____ | ( ) | ( ) | _____ |
| 3:WATER CLOSETS | _____ | ( ) | ( ) | _____ |
| 4:LAVATORY | _____ | ( ) | ( ) | _____ |
| 5:BATH TUB | _____ | ( ) | ( ) | _____ |
| 6:SHOWER STALL | _____ | ( ) | ( ) | _____ |
| 7:KITCHEN SINK | _____ | ( ) | ( ) | _____ |
| 8:SERVICE SINK | _____ | ( ) | ( ) | _____ |
| 9:LAUNDRY TRAY | _____ | ( ) | ( ) | _____ |
| 10:DISHWASHER | _____ | ( ) | ( ) | _____ |
| 11:WASHING MACHINE | _____ | ( ) | ( ) | _____ |
| 12:URINAL | _____ | ( ) | ( ) | _____ |
| 13:FLOOR DRAIN | _____ | ( ) | ( ) | _____ |
| 14:DRINK FOUNTAIN | _____ | ( ) | ( ) | _____ |
| 15:AIR COND WATER COOLED | _____ | ( ) | ( ) | _____ |
| 16:DENTAL UNIT | _____ | ( ) | ( ) | _____ |
| 17:LAWN SPRINKLE | _____ | ( ) | ( ) | _____ |
| 18:FIRE SPRINKLE | _____ | ( ) | ( ) | _____ |
| 19:HOSE BIBS | _____ | ( ) | ( ) | _____ |
| TOTAL | _____ | | | _____ |

GALLONS PER MINUTE _____

SIZE OF SERVICE _____

DATE: _____ APPROVED: _____

CALL WHEN READY

# THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

1551 HIGHWAY 88 EAST
BRICK, NEW JERSEY 08724
(908) 458-7000

## STATEMENT OF UTILITY SERVICES

APPLICANT: NAME: PSD Corp. PHONE NO. 477-8200 (bus.)

ADDRESS: P.O. Box 4158 _____ (home)

Brick, NJ 08723

**PROPERTY IN QUESTION:** ADDRESS 619 Ivanhoe Rd.

BLOCK(S) 646.07 LOT(S) 60.06

BTMUA ACCOUNT NO. K288806 TAX MAP DRAWING NO. 37B

---

SINGLE FAMILY RESIDENCE X MINOR SUBDIVISION _____

COMMERCIAL _____ MAJOR SUBDIVISION _____

| | WATER | SEWER |
|---|---|---|
| 1. UTILITY SERVICE CAN BE PROVIDED. APPLICATION FOR SERVICE IS **REQUIRED.** | | |
| CONNECTION WILL BE PROVIDED AS FOLLOWS: | INITIAL SERVICE CHARGES | |
| WATER _____ (STREET) | 3/4" _____ 1" _____ | |
| SEWER _____ (STREET) | | |
| 2. UTILITY SERVICE CANNOT BE PROVIDED AT THIS DATE. APPLICATION FOR EXTENSION IS ☐ IS NOT ☐ REQUIRED. | | |
| 3. UTILITY SERVICE CANNOT BE PROVIDED AT THIS DATE. IT SHALL BE AVAILABLE UPON COMPLETION OF WORK BY A DEVELOPER UNDER APPLICATION NO. 1721 CONTACT THE AUTHORITY TO CONFIRM AVAILABILITY OF SERVICES. | X | X |

---

DATE: Oct. 21, 2002 SIGNED: James R Allen

NOTE: STATEMENT GOOD FOR ONE YEAR.

C.G. 10/14/02

**UTILITY SERVICES FOR NEW HOMES**

1. OBTAIN "STATEMENT OF UTILITY SERVICES" AND SIZING SHEET AT BTMUA
2. FILL OUT SIZING SHEET AND HAVE APPROVED BY THE BRICK TOWNSHIP PLUMBING INSPECTOR.
3. APPLICATION FOR UTILITIES SHOULD BE MADE TO BTMUA AS EARLY AS POSSIBLE, AT WHICH TIME THE SIZING SHEET. SIGNED BY THE TOWNSHIP PLUMBING INSPECTOR, MUST BE SUBMITTED.

APPLICATIONS WITHOUT THE SIGNED SIZING SHEET WILL NOT BE ACCEPTED.

LEAD TIME FOR TAPS TO BE INSTALLED IS BETWEEN 8 AND 12 WEEKS, WEATHER PERMITTING; HOWEVER, TAPS WILL NOT BE SCHEDULED FOR INSTALLATION UNTIL AT LEAST A FOUNDATION EXISTS. FOR INFORMATION ON SCHEDULED INSTALLATIONS, CONTACT THE AUTHORITY OPERATIONS OFFICE.

4. AFTER THE TAPS HAVE BEEN INSTALLED, SEWER AND WATER SERVICE PERMITS ARE TO BE OBTAINED AT THE BTMUA (PERMIT FEE OF $15 FOR EACH SERVICE).
5. ONCE YOUR SERVICE LINES HAVE BEEN CONNECTED, CALL THE CUSTOMER ACCOUNT DIVISION AT BTMUA TO ARRANGE FOR AN OUTSIDE INSPECTION.
6. CERTIFICATE OF COMPLIANCE

   THE C.C. WILL BE ISSUED AFTER THE METER IS INSTALLED AND ALL REQUIREMENTS MET, AT WHICH TIME ALL FEES MUST BE PAID IN FULL.

CALL WHEN READY

# THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

1551 HIGHWAY 88 EAST
BRICK, NEW JERSEY 08724
(908) 458-7000

## STATEMENT OF UTILITY SERVICES

APPLICANT: NAME: PSD Corp. PHONE NO. 477-8200 (bus.)

ADDRESS: P.O. Box 4158 _____ (home)

Brick, NJ 08723

**PROPERTY IN QUESTION:** ADDRESS 619 Ivanhoe Rd.

BLOCK(S) 646.07 LOT(S) 60.06

BTMUA ACCOUNT NO. K288806 TAX MAP DRAWING NO. 37B

---

SINGLE FAMILY RESIDENCE X MINOR SUBDIVISION _____

COMMERCIAL _____ MAJOR SUBDIVISION _____

| | WATER | SEWER |
|---|---|---|
| 1. UTILITY SERVICE CAN BE PROVIDED. APPLICATION FOR SERVICE IS **REQUIRED.** | _____ | _____ |

CONNECTION WILL BE PROVIDED AS FOLLOWS: INITIAL SERVICE CHARGES

WATER _____ 3/4" _____ 1" _____
(STREET)

SEWER _____ _____
(STREET)

| | | |
|---|---|---|
| 2. UTILITY SERVICE CANNOT BE PROVIDED AT THIS DATE. APPLICATION FOR EXTENSION IS ☐ IS NOT ☐ REQUIRED. | _____ | _____ |
| 3. UTILITY SERVICE CANNOT BE PROVIDED AT THIS DATE. IT SHALL BE AVAILABLE UPON COMPLETION OF WORK BY A DEVELOPER UNDER APPLICATION NO. 1721 CONTACT THE AUTHORITY TO CONFIRM AVAILABILITY OF SERVICES. | X | X |

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   THE C.C. WILL BE ISSUED AFTER THE METER IS INSTALLED AND ALL REQUIREMENTS MET, AT WHICH TIME ALL FEES MUST BE PAID IN FULL.

Security enhanced document. See back for details.

**PSD CORPORATION, INC**
**JOB #3 PROVENZANO**
PO BOX 4158 OSBORNVILLE
BRICK, NJ 08723

1501

1007

1-7123/2260
85

DATE November 25 2002

PAY TO THE ORDER OF Township of Brick $ 625.00

Six Hundred & Twenty Five 00/100 ********** DOLLARS

THE bank 1864
SI Bank & Trust
120 Jack Martin Blvd.
Brick, NJ 08724

Job#3 Provenzino
Blk 646.07 Lot 60.06
Affordable Housing Fee

FOR [redacted]

©Check Ar American BA
GUARDIAN ® SAFETY

[redacted], Chief Financial Officer

From: Lisa Rose Tavalaiccio, Office of Affordable Housing
Re: Affordable Housing Fees

Business/Development: PSD Corporation

Owner/Applicant: PSD Corporation

Property Address: 619 Clarice Rd.

Block: 646.07 Lot: 60.06

DEPOSIT RECEIVED
Mandatory Development Fee
**Commercial**
**Residential**
Inclusionary Development Fee

DATE: 11/25/02

Check Number 1007

Preliminary Fee Paid 625.00

Final Fee Paid

FOR DEPOSIT ONLY - AFFORDABLE HOUSING TRUST ACCOUNT 36 367087

Collection of said fees as authorized by Township Ordinance 354-2C-93, is pursuant to N.J.S.A. 52:27D-301 et seq. And N.J.A.C. 5:92-18 et seq.

Received in Treasurer's Office by:

Signature

11/25/02
Date

**OFFICE OF AFFORDABLE HOUSING**

AMBT PRELIMINARY APPROVAL

# OFFICE OF AFFORDABLE HOUSING
# CERTIFICATE OF COMPLIANCE

BLOCK 646.07 LOT 61.01 SITE ADDRESS 614 [illegible]
TYPE OF SITE (Residential) / Commercial NAME OF BUSINESS [illegible]
APPLICANT [illegible] PHONE NUMBER [illegible]
APPLICANT ADDRESS [illegible] CITY & STATE [illegible]

INCLUSIONARY DEVELOPMENT

| | | |
|---|---|---|
| Affordable | Fee Required _____ | Date _____ |
| | Down Payment _____ | Date _____ |
| | Balance _____ | Date _____ |
| | Paid In Full _____ | Date _____ |
| Market Rate | No Fee Required | |

MANDATORY DEVELOPER FEES

◊ Residential is .005 %

◊ Commercial is .01%

◊ The estimated equalized assessed value of the proposed construction is

$ 250,000

Frederick R. Millman, CTA, Tax Assessor — 11/22/02 Date

◊ The final equalized assessed value of the construction at the above referenced site is:

$_____

Frederick R. Millman, CTA, Tax Assessor — Date

Prelininary Fee Required [illegible] Date [illegible]
Preliminary Paid [illegible] Check # [illegible]
Receipt # [illegible]

Final Total Fee Required [illegible]
Preliminary Paid _____ Date _____
Final Paid _____ Check# _____
Balance Due _____ Receipt # _____

Fees Imposed To Date _____
Fees Reached $15,000 _____ Date

I hereby certify that the above applicant has complied with all rules and regulations of the Office of Affordable Housing and has paid all required fees and charges.

[illegible]

Office of Affordable Housing

Applicable to Ordinance 720-92
This form must be handed in with permit application or a permit will not be issued.

# TOWNSHIP OF BRICK
## Debris Form

Work Site Address 619 IVANHOE RD

Block 646.07 Lock 60.06

Contractor PSD

Contractor's Address POBox 4158 BRICK N.J. 08723

Type of Construction (minor (new home)) NEW HOME

Type of Debris (shingles, siding, wood, etc.) GENERAL BUILDING MATERIALS

Party Responsible for removal PSD CORPORATION / ROBERT DE FOREST 2406 HERBERTSVILLE RD POINT PLEASANT 08742

Dumpster Size 10YD

Destination of Debris Discard GROWS LAND FILL 1513 BORDENTOWN RD MORRISVILLE PA 19067

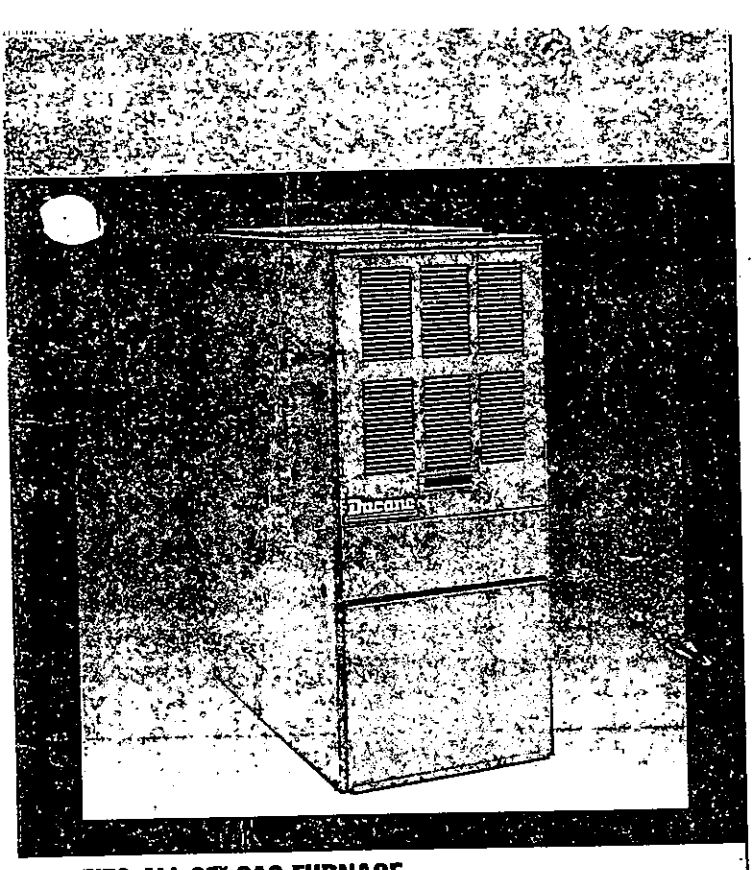
Any recyclable material must be delivered to an approved recycling center and receipts provided to the Building Department along with tipping receipts for non-recyclable.

Generator's Certification: Under penalty of criminal and civil prosecution for the making or submission of false statements, representations or omissions, I declare, on behalf of the generator that the contents of this document are fully and accurately described above and have been disposed of in accordance with all applicable State and Federal laws and regulations, and that I have been authorized in writing, to make such declaration by the person in charge of the generator's operation.

Signature 11/4/02 Date

DON BERTRAND
Print Name

# DUCANE FITS-ALL 80™ GAS FURNACE



FITS-ALL 80" GAS FURNACE

641 IVANHOE RD
646.07
60.06

**Ducane®**
***Heating and Air Conditioning***

*The difference is Quality.®*

## FEATURES
- 80% AFUE- the quietest single stage 80% furnace you can buy
- Electronic air cleaner connection (115V)
- Humidifier connection (115V)
- 5 amp fuse for protection
- Air conditioner time delay relay built into board for SEER enhancement
- Two wire twinning
- Upflow, horizontal (right or left) & downflow application for installation flexibility
- Heat ranges 50,000 - 125,000 BTUH

## WARRANTY
- Lifetime Heat Exchanger
- 5 years on all other parts

## VENTING
- Category I venting
- 4" vent–all models
- Can be side wall vented with Field Controls DGF-2 side wall venting kit or Tjernlund SS1(C) side shot

## CONTROLS
- Honeywell® Smart Valve™ System (hot surface pilot)
- Slow opening valve for extra quiet ignition
- Honeywell® Fan Timer Control ST9120C

## SAFETY
- AGA & CGA approved
- Safety limit prevents overheating

## HEAT EXCHANGER ASSEMBLY
- 4 pass clamshell for reliability
- Aluminized steel primary
- Totally crimped design (no welds)

## CABINET
- Heavy gauge, textured, beige prepainted cabinet for maximum protection
- Ducane diagnostic sleeve for troubleshooting

## BLOWER
- 3 speed PSC motors
- Ducane built & balanced whisper quiet blower wheels

gama

# UNIT SPECIFICATIONS

| | MPGA050B3 | MPGA075B3 | MPGA100B4 | MPGA125B5 |
|---|---|---|---|---|
| GAS | NATURAL (LP WITH CONVERSION KIT) | | | |
| INPUT RATE (BTU per Hour) | 50,000 | 75,000 | 100,000 | 125,000 |
| HEATING CAPACITY (BTU per Hour) | 40,000 | 60,000 | 80,000 | 100,000 |
| AFUE (ISOLATED COMB. SYSTEM) | 80.0% | 80.0% | 80.0% | 80.0% |
| TEMPERATURE RISE | 45-75 F | 45-75 F | 45-75 F | 45-75 F |
| VOLTS / PHASE / HERTZ | 115 /1/ 60 | | | |
| STATIC PRESSURE | CERTIFIED FOR 0.50" W.C. MAXIMUM EXTERNAL STATIC | | | |
| AIR FLOW (w/o FILTER) @ .50" STATIC | 1235CFM | 1235CFM | 1845CFM | 2270CFM |
| BLOWER MOTOR HORSEPOWER | 1/3 | 1/3 | 1/2 | 1/2 |
| BLOWER WHEEL SIZE (dia x width) | 10 x 6 | 10 x 6 | 12 x 9 | 12 x 12 |
| NUMBER OF HEAT EXCHANGERS | 2 | 3 | 4 | 5 |
| FLUE SIZE (diameter) | 4" | 4" | 4" | 4" |
| LIMIT CONTROL, SNAP DISK STYLE | 170 F | 170 F | 190 F | 190 F |
| GAS VALVE / IGNITION CONTROL | HONEYWELL SV9501* SMART VALVE SYSTEM (1/2 X 1/2) | | | |
| TRANSFORMER | 40 VA. 115 VAC PRIMARY, 24 VAC SECONDARY, FOOT-MOUNTED | | | |
| MAXIMUM OUTLET TEMPERATURE | 180 F | 180 F | 180 F | 180 F |

| | MPGA075B4 | MPGA100B5 |
|---|---|---|
| GAS | NATURAL (LP WITH CONVERSION KIT) | |
| INPUT RATE (BTU per Hour) | 75,000 | 100,000 |
| HEATING CAPACITY (BTU per Hour) | 60,000 | 80,000 |
| AFUE (ISOLATED COMB, SYSTEM) | 80% | 80% |
| TEMPERATURE RISE | 30-60 F | 30-60 F |
| VOLTS/PHASE/HERTZ | 115/1/60 | |
| STATIC PRESSURE | CERTIFIED FOR 0.5" W.C. MAXIMUM EXTERNAL STATIC | |
| AIR FLOW (w/o FILTER) @ .50" STATIC | 1845 CFM | 2270 CFM |
| BLOWER MOTOR HORSEPOWER | 1/2 | 1/2 |
| BLOWER WHEEL SIZE (dia x width) | 12 X 9 | 12 X 12 |
| NUMBER OF HEAT EXCHANGERS | 3 | 4 |
| FLUE SIZE (diameter) | 4" | 4" |
| LIMIT CONTROL, SNAP DISK STYLE | 170 F | 190 F |
| GAS VALVE / IGNITION CONTROL | HONEYWELL SV9501* SMART VALVE SYSTEM (1/2 X 1/2) | |
| TRANSFORMER | 40 VA. 115 VAC PRIMARY, 24 VAC SECONDARY, FOOT-MOUNTED | |
| MAXIMUM OUTLET TEMPERATURE | 180 F | 180 F |
| LP CONVERSION KIT ACCESSORY | 20069801 | |

*As of April 24th, 1998.

# AIR FLOW DATA

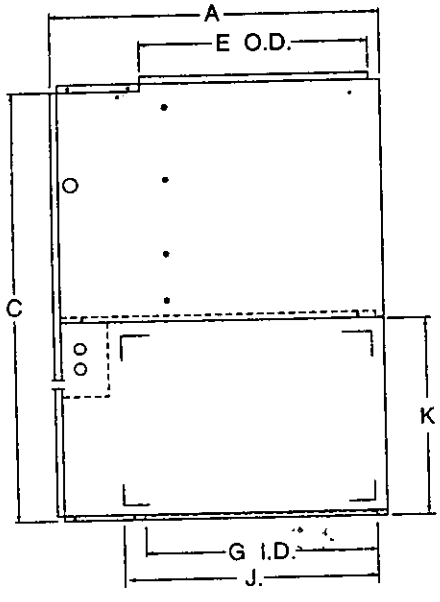
| DUCANE MODEL NUMBER | BLOWER SPEED | EXTERNAL STATIC 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **MPGA050B3** (10 X 6 WHEEL) (1/3 HP MOTOR) | LOW | 805 | 800 | 790 | 770 | 750 | 715 | 685 | 620 | 535 | 385 |
| | MED | 1140 | 1125 | 1090 | 1060 | 1010 | 955 | 880 | 815 | 710 | 580 |
| | HIGH | 1530 | 1475 | 1410 | 1325 | 1235 | 1150 | 1065 | 985 | 855 | 750 |
| **MPGA075B3** (10 X 6 WHEEL) (1/3 HP MOTOR) | LOW | 805 | 800 | 790 | 770 | 750 | 715 | 685 | 620 | 535 | 385 |
| | MED | 1140 | 1125 | 1090 | 1060 | 1010 | 955 | 880 | 815 | 710 | 580 |
| | HIGH | 1530 | 1475 | 1410 | 1325 | 1235 | 1155 | 1065 | 985 | 855 | 720 |
| **MPGA075B4** (12 X 9 WHEEL) (1/2 HP MOTOR) | LOW | 1375 | 1365 | 1350 | 1330 | 1315 | 1295 | 1240 | 1195 | 1085 | 975 |
| | MED | 1625 | 1610 | 1595 | 1580 | 1550 | 1510 | 1475 | 1425 | 1335 | 1225 |
| | HIGH | 2020 | 1945 | 1910 | 1880 | 1845 | 1800 | 1755 | 1690 | 1605 | 1470 |
| **MPGA100B4** (12 X 9 WHEEL) (1/2 HP MOTOR) | LOW | 1375 | 1365 | 1350 | 1330 | 1315 | 1295 | 1240 | 1195 | 1085 | 975 |
| | MED | 1625 | 1610 | 1595 | 1580 | 1550 | 1510 | 1475 | 1425 | 1335 | 1225 |
| | HIGH | 2020 | 1945 | 1910 | 1880 | 1845 | 1800 | 1755 | 1690 | 1605 | 1470 |
| **MPGA100B5** (12 X 12 WHEEL) (1/2 HP MOTOR) | LOW | 1440 | 1405 | 1365 | 1315 | 1270 | 1200 | 1155 | 1060 | 985 | 895 |
| | MED | 2010 | 1985 | 1955 | 1910 | 1840 | 1770 | 1695 | 1630 | 1535 | 1395 |
| | HIGH | 2530 | 2470 | 2425 | 2355 | 2270 | 2195 | 2100 | 1995 | 1880 | 1760 |
| **MPGA125B5** (12 X 12 WHEEL) (1/2 HP MOTOR) | LOW | 1440 | 1405 | 1365 | 1315 | 1270 | 1200 | 1155 | 1060 | 985 | 895 |
| | MED | 2010 | 1985 | 1955 | 1910 | 1840 | 1770 | 1695 | 1630 | 1535 | 1395 |
| | HIGH | 2530 | 2470 | 2425 | 2355 | 2270 | 2195 | 2100 | 1995 | 1880 | 1760 |

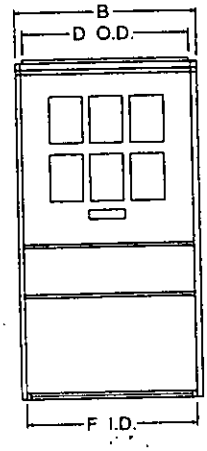
*NOTES: 1) Air flow values in cubic feet per minute (CFM), rounded to nearest five (5) CFM*
*2) Data taken without filters in place*

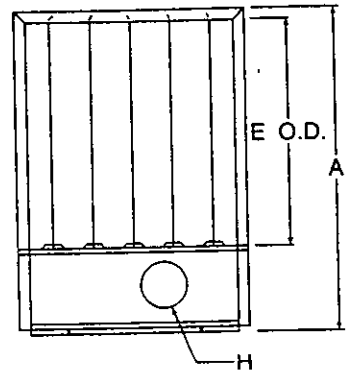
# GENERAL LAYOUT

| DUCANE MODEL NUMBER | UNIT DIMENSIONS LENGTH | WIDTH | HEIGHT | SUPPLY DUCT OPENING | | RETURN DUCT OPENING* | | FLUE DIA. | SIDE RETURN CUT-OUT | |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | J | K |
| **MPGA050B3** | 29 1/2 | 13-1/2 | 38 1/4 | 11 1/2 | 20 3/8 | 11 5/8 | 21 3/8 | 4 | 23 1/4 | 15 |
| **MPGA075B3** | 29 1/2 | 13-1/2 | 38 1/4 | 11 1/2 | 20 3/8 | 11 5/8 | 21 3/8 | 4 | 23 1/4 | 15 |
| **MPGA075B4** | 29 1/2 | 17 | 38 1/4 | 15 | 20 3/8 | 15 1/8 | 21 3/8 | 4 | 23 1/4 | 15 |
| **MPGA100B4** | 29 1/2 | 17 | 38 1/4 | 15 | 20 3/8 | 15 1/8 | 21 3/8 | 4 | 23 1/4 | 15 |
| **MPGA100B5** | 29 1/2 | 20 1/2 | 38 1/4 | 18 1/2 | 20 3/8 | 18 5/8 | 21 3/8 | 4 | 23 1/4 | 15 |
| **MPGA125B5** | 29 1/2 | 20 1/2 | 38 1/4 | 18 1/2 | 20 3/8 | 18 5/8 | 21 3/8 | 4 | 23 1/4 | 15 |

* Bottom door removed




NOTE: Dimensions are in inches

Ducane®
Heating and Air Conditioning

www.ducane.com

For more information, contact your local Ducane distributor.

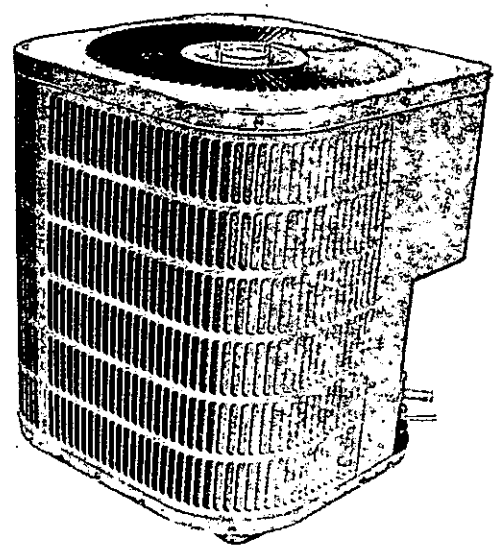
Printed on recycled paper.

**SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.**

1079 CS/GA 4/98 20K 20091123

# 10 SEER HIGH EFFICIENCY SPLIT SYSTEM AIR CONDITIONING 1 1/2 THRU 5 TON

**[5.28 to 17.56kw]**



Goodman's GoodCare Extended Warranty Plan Provides Years Of Worry-Free Coverage

5 YEAR LIMITED WARRANTY

OPTIONAL COMPRESSOR WARRANTY

### Description / Application

- "CKL" outdoor condensing section designed for ground level or rooftop mounting application.

### Designed to be matched with:

- "AR" & "AER" indoor section is a versatile up, horizontal, or counterflow air handler.
- "AW" & "AWB" vertical wall mounted air handler is designed to be installed with a water heater or recessed in a wall.
- "U", "UC", "H", "HT" fan-less indoor coils designed to fit our furnace units for add on heat pump or cooling applications.
- "AC", "AH", "ACH" ceiling mount air handler.

### Accessories

- Standard room thermostat with 1 stage cool – 1 stage heat, Model CHT18-60.
- Digital room thermostat with 1 stage cool – 1 stage heat, Model CHTD18-60.
- Outdoor thermostats for stage – multi-stage indoor heating units, OT18-60.

### Standard Equipment Features

- Attractive Two Piece Louvered Guard better protects coil from damage and adds strength to unit.
- Copper tube, aluminum fin coil construction.
- Brass suction and liquid shut off valve with sweat connections.
- Quiet operating top discharge.
- Totally enclosed and permanently lubricated condenser motor.
- Fully charged for 15' [4.57m] feet of tubing length.
- **Bi-flow liquid line filter drier.**
- Bottom pan rails elevating unit above slab.
- Hermetically sealed compressor.
- Crankcase heater (where indicated).
- Compressor internal high pressure control.

### Cabinet Construction Features

- New polyester powder paint provides premium durability and improved UV protection.
- Heavy guage, zinc clad, G90 Galvanized Steel.

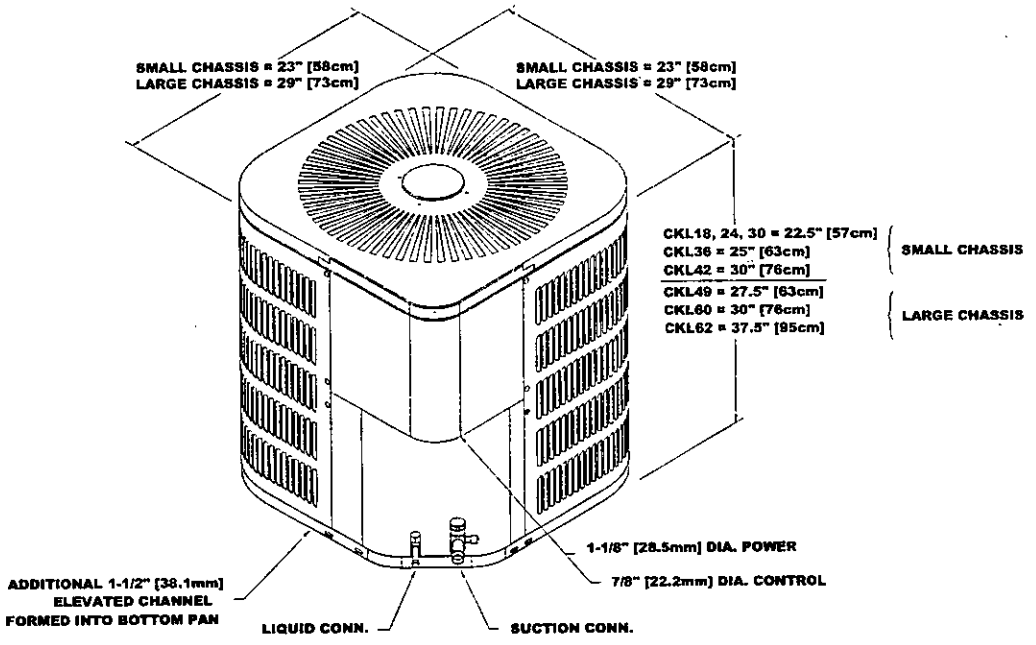


Made in the USA by:
Goodman Manufacturing Company, L.P.
2550 North Loop West, Suite 400 - Houston, Texas 77092
www.goodmanmfg.com

## Physical Data

| Model | Liquid Connection | Suction Connection | Type | Approx. Shipping Weight |
|---|---|---|---|---|
| CKL18-1B | 3/8" [9.5mm] | 3/4" [19mm] | Sweat | 125 lbs. [56.7kg] |
| CKL24-1F/-1G | 3/8" [9.5mm] | 3/4" [19mm] | Sweat | 127 lbs. [57.6kg] |
| CKL30-1E | 3/8" [9.5mm] | 3/4" [19mm] | Sweat | 130 lbs. [59.0kg] |
| CKL36- 1F/-1G/-3 | 3/8" [9.5mm] | 3/4" [19mm] | Sweat | 142 lbs. [64.4kg] |
| CKL42-1 | 3/8" [9.5mm] | 7/8" [22.2mm] | Sweat | 160 lbs. [72.6kg] |
| CKL49-1/-3 | 3/8" [9.5mm] | 7/8" [22.2mm] | Sweat | 176 lbs. [79.8kg] |
| CKL60-1/-3/-4 | 3/8" [9.5mm] | 7/8" [22.2mm] | Sweat | 208 lbs. [94.3kg] |
| CKL62-1 | 3/8" [9.5mm] | 7/8" [22.2mm] | Sweat | 258 lbs. [117.0kg] |

## DIMENSIONAL DATA
## CKL18-62 MODELS




## Electrical Data

| Model | Volts | PH | +Minimum Circuit Ampacity | *Maximum Overcurrent Protection | Maximum Volts | Minimum Volts | Compressor | | Cond. Fan | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | RLA | LRA | FLA | HP |
| CKL18-1B | 208/230 | 1 | 12.5 | 20 | 253 | 197 | 9.0 | 45 | 1.3 | 1/6 |
| CKL24-1F | 208/230 | 1 | 16.4 | 20 | 253 | 197 | 12.1 | 57 | 1.3 | 1/6 |
| CKL24-1G | 208/230 | 1 | 14.9 | 20 | 253 | 197 | 10.9 | 60.0 | 1.3 | 1/6 |
| CKL30-1E | 208/230 | 1 | 18.9 | 30 | 253 | 197 | 14.1 | 73 | 1.3 | 1/6 |
| CKL36-1F | 208/230 | 1 | 22.9 | 40 | 253 | 197 | 17.3 | 86 | 1.3 | 1/6 |
| CKL36-1G | 208/230 | 1 | 22.7 | 40 | 253 | 197 | 17.1 | 96.0 | 1.3 | 1/6 |
| CKL36-3 | 208/230 | 3 | 14.2 | 20 | 253 | 197 | 10.3 | 78 | 1.3 | 1/6 |
| CKL42-1 | 208/230 | 1 | 23.7 | 40 | 253 | 197 | 17.9 | 118.0 | 1.3 | 1/6 |
| CKL49-1 | 208/230 | 1 | 26.8 | 40 | 253 | 197 | 20.0 | 110 | 1.8 | 1/4 |
| CKL49-3 | 208/230 | 3 | 17.8 | 30 | 253 | 197 | 12.8 | 78 | 1.8 | 1/4 |
| CKL60-1 | 208/230 | 1 | 33.1 | 50 | 253 | 197 | 25.0 | 150 | 1.8 | 1/4 |
| CKL60-3 | 208/230 | 3 | 21.1 | 30 | 253 | 197 | 15.4 | 124 | 1.8 | 1/4 |
| CKL60-4 | 460 | 3 | 11.1 | 15 | 506 | 414 | 7.4 | 60.0 | 1.8 | 1/4 |
| CKL62-1 | 208/230 | 1 | 36.1 | 60 | 253 | 197 | 30.1 | 144 | 2.3 | 1/3 |

*May use fuses or HACR type Circuit Breakers of the same size as noted.
+Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.
[ ] Designates metric equivalents

## Performance Ratings

| Condenser Model | Evaporator Model See Notes 3, 6 & 7 | Total BTUH [Kw] | | Sensible BTUH [kW] | | (1) SEER | (2) EER | SRN/BELS |
|---|---|---|---|---|---|---|---|---|
| CKL18-1B | AW18-XX | 16400 | [4.8] | 12200 | [3.6] | 10.00 | 9.00 | 8.0 (4) |
| | AC18-XX | 17000 | [5.0] | 12600 | [3.7] | 10.00 | 9.00 | |
| | AWB18-XX/ACH18 | 16800 | [4.9] | 12400 | [3.6] | 10.00 | 9.00 | |
| | AW24-XX | 17000 | [5.0] | 12700 | [3.7] | 10.00 | 9.00 | |
| | AR18-1 | 17000 | [5.0] | 12700 | [3.7] | 10.00 | 9.00 | |
| | U18/UC18+EEP | 17000 | [5.0] | 12700 | [3.7] | 10.00 | 9.00 | |
| | AH18 | 17400 | [5.1] | 12900 | [3.8] | 10.00 | 9.00 | |
| | AR24-1 | 17400 | [5.1] | 13200 | [3.9] | 10.00 | 9.00 | |
| | U29/UC29+EEP | 17400 | [5.1] | 12700 | [3.7] | 10.00 | 9.00 | |
| | HT1830/H24F+EEP | 17400 | [5.1] | 13200 | [3.9] | 10.00 | 9.00 | |
| | U31+EEP | 18000 | [5.3] | 13100 | [3.8] | 10.50 | 9.50 | |
| | AR32-1 | 18000 | [5.3] | 13500 | [4.0] | 10.50 | 9.50 | |
| | AER24-1 | 18000 | [5.3] | 13500 | [4.0] | 11.00 | 10.00 | |
| | HT3236/H36F/U32/UC32+EEP | 18000 | [5.3] | 13500 | [4.0] | 10.50 | 9.50 | |
| CKL24-1F/1G | AW24-XX | 22600 | [6.6] | 16800 | [4.9] | 10.00 | 9.00 | 8.0 (4) |
| | AW30-XX/AR24-1 | 23000 | [6.7] | 17200 | [5.0] | 10.00 | 9.00 | |
| | U29/UC29+EEP | 23000 | [6.7] | 17200 | [5.0] | 10.00 | 9.00 | |
| | HT1830/H24F+EEP | 23000 | [6.7] | 17200 | [5.0] | 10.00 | 9.00 | |
| | AC24-XX | 23200 | [6.8] | 17200 | [5.0] | 10.00 | 9.00 | |
| | AWB24-XX/ACH24/AH24 | 23200 | [6.8] | 17200 | [5.0] | 10.00 | 9.00 | |
| | U31+EEP | 24000 | [7.0] | 18400 | [5.4] | 10.50 | 9.50 | |
| | U36/UC36/H36F+EEP | 24000 | [7.0] | 18400 | [5.4] | 10.50 | 9.50 | |
| | HT3236/U32/UC32+EEP | 24000 | [7.0] | 18400 | [5.4] | 10.50 | 9.50 | |
| | AR32-1 | 24000 | [7.0] | 18400 | [5.4] | 10.50 | 9.50 | |
| | AER24-1 | 24000 | [7.0] | 18400 | [5.4] | 11.00 | 10.00 | |
| CKL30-1E | AWB30-XX/AW30-XX | 27000 | [7.9] | 20000 | [5.9] | 10.00 | 9.00 | 8.0 (4) |
| | U29/UC29+EEP | 27000 | [7.9] | 20000 | [5.9] | 10.00 | 9.00 | |
| | AR30-1 | 27200 | [8.0] | 20500 | [6.0] | 10.00 | 9.00 | |
| | HT1830/U30+EEP | 27200 | [8.0] | 20500 | [6.0] | 10.00 | 9.00 | |
| | ACH30/AH30 | 28000 | [8.2] | 20750 | [6.1] | 10.00 | 9.00 | |
| | AWB36-XX/AR36-1 | 28000 | [8.2] | 21200 | [6.2] | 10.00 | 9.00 | |
| | U31+EEP | 28000 | [8.2] | 21200 | [6.2] | 10.00 | 9.00 | |
| | AC30-XX | 28400 | [8.3] | 21050 | [6.2] | 10.00 | 9.00 | |
| | HT3236/U32/UC32/H36F+EEP | 28600 | [8.4] | 21800 | [6.4] | 10.00 | 9.00 | |
| | AC36-XX/AH36 | 29000 | [8.5] | 21500 | [6.3] | 10.00 | 9.00 | |
| | AR32-1 | 29000 | [8.5] | 21800 | [6.4] | 10.50 | 9.50 | |
| | AER30-1 | 28000 | [8.2] | 21000 | [6.2] | 10.50 | 9.50 | |
| | AER36-1 | 29000 | [8.5] | 22100 | [6.5] | 11.00 | 10.00 | |
| | HT4248/U42/UC42/H49F+EEP | 29000 | [8.5] | 22100 | [6.5] | 10.50 | 9.50 | |
| CKL36- 1F/-1G/-3 | ACH36 | 32000 | [9.4] | 23000 | [6.7] | 10.00 | 9.00 | 8.0 (4) |
| | U35/UC35+EEP | 33000 | [9.7] | 24000 | [7.0] | 10.00 | 9.00 | |
| | AC36-XX | 33200 | [10.0] | 24600 | [7.2] | 10.00 | 9.00 | |
| | HT36/U36/UC36/H36F+EEP | 34000 | [10.0] | 25200 | [7.4] | 10.00 | 9.00 | |
| | HT3236+EEP | 34400 | [10.3] | 25500 | [7.5] | 10.00 | 9.00 | |
| | AWB36-XX/AR36-1 | 34000 | [10.1] | 25200 | [7.4] | 10.00 | 9.00 | |
| | AH36 | 34400 | [10.3] | 25500 | [7.5] | 10.00 | 9.00 | |
| | AR42-1 | 35000 | [10.3] | 26600 | [7.8] | 10.50 | 9.50 | |
| | HT4248/U42/UC42/H49F+EEP | 35000 | [10.3] | 26000 | [7.6] | 10.50 | 9.50 | |
| | AER36-1 | 35000 | [10.3] | 26000 | [7.6] | 11.00 | 10.00 | |
| CKL42-1 | U42/UC42+EEP | 39500 | [11.6] | 27300 | [8.0] | 10.00 | 9.00 | 8.2 (5) |
| | AR42-1 | 40000 | [11.7] | 28000 | [8.2] | 10.00 | 9.00 | |
| | HT4248/H49F+EEP | 40000 | [11.7] | 28000 | [8.2] | 10.00 | 9.00 | |
| | U47/UC47+EEP | 40000 | [11.7] | 28000 | [8.2] | 10.00 | 9.00 | |
| | AR48-1 | 40000 | [11.7] | 29600 | [8.7] | 10.00 | 9.00 | |
| | U49/UC49+EEP | 40500 | [11.9] | 28200 | [8.3] | 10.00 | 9.00 | |
| | AR49-1 | 41000 | [12.0] | 30400 | [8.9] | 10.50 | 9.50 | |
| | HT4860/U60/UC60/H60F+EEP | 41000 | [12.0] | 30400 | [8.9] | 10.50 | 9.50 | |
| | AER48-1 | 41000 | [12.0] | 30200 | [8.8] | 11.00 | 10.00 | |

(1) Seasonal Energy Efficiency Ratio

(2) Energy Efficiency Ratio @ 80°F/67°F [26.6°C/19.4°C] Inside - 95°F [35°C]

(3) When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.

(4) SRN 7.6 with use of Sound Blanket accessory CSB-01.

(5) SRN 7.8 with use of Sound Blanket accessory CSB-01.

(6) Note: XX Of A Model Designate Electric Heat Quantity.

(7) EEP - Order From Service Dept. Part No. B13707-38. The Goodman Gas Furnace contains the EEP cooling time delay.

[ ] Designates metric equivalents

**Performance Ratings (cont.)**

| Condenser Model | Evaporator Model See Notes 3, 6 & 7 | Total BTUH [kW] | | Sensible BTUH [kW] | | (1) SEER | (2) EER | SRN/BELS |
|---|---|---|---|---|---|---|---|---|
| CKL49-1/-3 | HT4248/H49F+EEP | 44000 | [12.9] | 33000 | [9.7] | 10.00 | 9.00 | 8.2 (5) |
| | U47/UC47+EEP | 44000 | [12.9] | 33000 | [9.7] | 10.00 | 9.00 | |
| | HT4860/H60F+EEP | 45000 | [13.2] | 34200 | [10.0] | 10.00 | 9.00 | |
| | AR48-1 | 45000 | [13.2] | 34200 | [10.0] | 10.00 | 9.00 | |
| | U49/UC49+EEP | 45000 | [13.2] | 34200 | [10.0] | 10.00 | 9.00 | |
| | U59/UC59/U60/UC60+EEP | 46000 | [13.5] | 35000 | [10.0] | 10.00 | 9.00 | |
| | AR49-1 | 46000 | [13.5] | 35000 | [10.3] | 10.50 | 9.50 | |
| | HT61/H61F+EEP | 47000 | [13.8] | 36000 | [10.3] | 10.50 | 9.50 | |
| | AER48-1 | 45000 | [13.2] | 34200 | [10.5] | 11.00 | 10.00 | |
| CKL60-1/ -3/-4 | U59/UC59+EEP | 54000 | [15.8] | 39500 | [11.6] | 10.00 | 9.00 | 8.2 (5) |
| | AR60-1 | 56000 | [16.4] | 40300 | [11.8] | 10.00 | 9.00 | |
| | HT4860/U60/UC60/H60F+EEP | 55000 | [16.1] | 39600 | [11.6] | 10.00 | 9.00 | |
| | HT61/H61F/U61/UC61+EEP | 56000 | [16.4] | 39500 | [11.6] | 10.50 | 9.50 | |
| | U62/UC62+EEP | 56000 | [16.4] | 39500 | [11.6] | 10.50 | 9.50 | |
| | AR61-1 | 57000 | [16.7] | 42000 | [12.3] | 10.50 | 9.50 | |
| | AER60-1 | 57000 | [16.7] | 42000 | [12.3] | 10.50 | 9.50 | |
| CKL62-1 | AR60-1 | 58000 | [17.0] | 45000 | [13.2] | 10.00 | 9.00 | 8.2 (5) |
| | U59/UC59+EEP | 58000 | [17.0] | 42000 | [12.3] | 10.00 | 9.00 | |
| | HT4860/U60/UC60+EEP | 58000 | [17.0] | 42000 | [12.3] | 10.00 | 9.00 | |
| | U61/UC61+EEP | 60000 | [17.6] | 43000 | [12.6] | 10.00 | 9.00 | |
| | U62/UC62+EEP | 60000 | [17.6] | 43000 | [12.6] | 10.00 | 9.00 | |
| | HT61/H61F+EEP | 60000 | [17.6] | 43000 | [12.6] | 10.00 | 9.00 | |
| | AR61-1 | 62000 | [18.2] | 45000 | [13.2] | 10.00 | 9.00 | |
| | AER60-1 | 61000 | [17.9] | 45000 | [13.2] | 10.50 | 9.50 | |

(1) Seasonal Energy Efficiency Ratio
(2) Energy Efficiency Ratio @ 80°F/67°F [26.6°C/19.4°C] Inside - 95°F [35°C]
(3) When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
(4) SRN 7.6 with use of Sound Blanket accessory CSB-01.
(5) SRN 7.8 with use of Sound Blanket accessory CSB-01.
(6) Note: XX Of A Model Designate Electric Heat Quantity.
(7) EEP - Order From Service Dept. Part No. B13707-38. The Goodman Gas Furnace contains the EEP cooling time delay.

[ ] Designates metric equivalents

**NOTE: SPECIFICATIONS AND PERFORMANCE DATA LISTED HEREIN ARE SUBJECT TO CHANGE WITHOUT NOTICE**

## Quality Makes the Difference!

All of our systems are designed and manufactured with the same high quality standards regardless of size or efficiency. Our designs virtually eliminate the most frequent causes of product failure. They are simple to service and forgiving to operate. We use the highest quality materials and components available because if a part fails then the unit fails. Finally, every unit is run tested before it leaves the factory. That's why we know.....

*There's No Better Quality.*

Visit our web site at www.goodmanmfg.com for information on:

- GMC products
- Warranties
- Customer Services
- Parts
- Contractor Programs and Training
- Financing Options

# RIGHT-J SHORT FORM
## *Entire House*

**Job: BRETON WOODS OPT 1**
**RESIDENCE 9/10/02**

## Project Information

For: BRETON WOODS
BOX 4068 OSBORNVILLE, BRICK, NJ 08723
Phone: (732) 477-3300

## Design Information

| | Htg | Clg |
|---|---|---|
| Outside db (°F) | ***0*** | 90 |
| Inside db (°F) | 70 | 70 |
| Design TD (°F) | 70 | 20 |
| Daily range | - | M |
| Inside humidity (%) | - | 50 |
| Moisture difference (gr/lb) | - | 40 |

| Infiltration | |
|---|---|
| Method | Simplified |
| Construction quality | Average |
| Fireplaces | 1 |

### HEATING EQUIPMENT

Make
Trade

| | | |
|---|---|---|
| Efficiency | 80.0 AFUE | |
| Heating input | 0 | Btuh |
| Heating output | 0 | Btuh |
| Heating temperature rise | 0 | °F |
| Actual heating fan | 1641 | cfm |
| Heating air flow factor | 0.024 | cfm/Btuh |

Space thermostat

### COOLING EQUIPMENT

Make n/a
Trade n/a
n/a
n/a

| | | |
|---|---|---|
| Efficiency | n/a | |
| Sensible cooling | 0 | Btuh |
| Latent cooling | 0 | Btuh |
| Total cooling | 0 | Btuh |
| Actual cooling fan | 1641 | cfm |
| Cooling air flow factor | 0.053 | cfm/Btuh |
| Load sensible heat ratio | 92 | % |

| ROOM NAME | | Area (ft²) | Htg load (Btuh) | Clg load (Btuh) | Htg AVF (cfm) | Clg AVF (cfm) |
|---|---|---|---|---|---|---|
| ZONE 1 | n p | 673 | 40167 | 17597 | 956 | 941 |
| ZONE 2 | n p | 935 | 28787 | 16520 | 685 | 883 |
| Entire House | d | 1608 | 68954 | 30695 | 1641 | 1641 |
| Ventilation air | | | 0 | 0 | | |
| Equip. @ 0.95 | RSM | | | 29160 | | |
| Latent cooling | | | | 2490 | | |
| TOTALS | | 1608 | 68954 | 31650 | 1641 | 1641 |

***Bold/italic values have been manually overridden***

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

# RIGHT-J SHORT FORM
## *ZONE 1*

**Job: BRETON WOODS OPT 1**
**RESIDENCE 9/10/02**

## Project Information

For: BRETON WOODS
BOX 4068 OSBORNVILLE, BRICK, NJ 08723
Phone: (732) 477-3300

## Design Information

| | Htg | Clg |
|---|---|---|
| Outside db (°F) | ***0*** | 90 |
| Inside db (°F) | 70 | 70 |
| Design TD (°F) | 70 | 20 |
| Daily range | - | M |
| Inside humidity (%) | - | 50 |
| Moisture difference (gr/lb) | - | 40 |

**Infiltration**

| | |
|---|---|
| Method | Simplified |
| Construction quality | Average |
| Fireplaces | 1 |

### HEATING EQUIPMENT

Make n/a
Trade n/a
n/a

| | |
|---|---|
| Efficiency | n/a |
| Heating input | |
| Heating output | 0 Btuh |
| Heating temperature rise | 0 °F |
| Actual heating fan | 0 cfm |
| Heating air flow factor | 0.000 cfm/Btuh |
| Space thermostat | n/a |

### COOLING EQUIPMENT

Make n/a
Trade n/a
n/a
n/a

| | |
|---|---|
| Efficiency | n/a |
| Sensible cooling | 0 Btuh |
| Latent cooling | 0 Btuh |
| Total cooling | 0 Btuh |
| Actual cooling fan | 0 cfm |
| Cooling air flow factor | 0.000 cfm/Btuh |
| Load sensible heat ratio | 0 % |

| ROOM NAME | Area (ft²) | Htg load (Btuh) | Clg load (Btuh) | Htg AVF (cfm) | Clg AVF (cfm) |
|---|---|---|---|---|---|
| LIVING ROOM | 312 | 15365 | 4413 | 366 | 236 |
| UTILITY ROOM | 48 | 4788 | 2388 | 114 | 128 |
| PDR ROOM | 25 | 4750 | 1583 | 113 | 85 |
| KITCHEN | 168 | 4980 | 3461 | 119 | 185 |
| DINING ROOM | 120 | 10285 | 5754 | 245 | 308 |
| ZONE 1 n p | 673 | 40167 | 17597 | 956 | 941 |
| Ventilation air | | 0 | 0 | | |
| Equip. @ 0.95 RSM | | | 16717 | | |
| Latent cooling | | | 1601 | | |
| TOTALS | 673 | 40167 | 18318 | 956 | 941 |

***Bold/Italic values have been manually overridden***

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

# RIGHT-J LOAD AND EQUIPMENT SUMMARY
## *ZONE 2*

**Job: BRETON WOODS OPT 1**
**RESIDENCE 9/10/02**

## Project Information

For: BRETON WOODS
BOX 4068 OSBORNVILLE, BRICK, NJ 08723
Phone: (732) 477-3300

Notes: Ferguson Enterprises
190 Oberlin Ave.
Lakewood, N.J. 08701
Heat Loss Department: 732.905.1000 X224

## Design Information

Weather: Long Branch, NJ , US

### Winter Design Conditions

| | | |
|---|---|---|
| Outside db | ***0*** | °F |
| Inside db | 70 | °F |
| Design TD | 70 | °F |

### Summer Design Conditions

| | | |
|---|---|---|
| Outside db | 90 | °F |
| Inside db | 70 | °F |
| Design TD | 20 | °F |
| Daily range | M | |
| Relative humidity | 50 | % |
| Moisture difference | 40 | gr/lb |

### Heating Summary

| | | |
|---|---|---|
| Building heat loss | 28787 | Btuh |
| Ventilation air | 0 | cfm |
| Ventilation air loss | 0 | Btuh |
| Design heat load | 28787 | Btuh |

### Sensible Cooling Equipment Load Sizing

| | | |
|---|---|---|
| Structure | 16520 | Btuh |
| Ventilation | 0 | Btuh |
| Design temperature swing | 3.0 | °F |
| Use mfg. data | n | |
| Rate/swing multiplier | 0.95 | |
| Total sens. equip. load | 15694 | Btuh |

### Infiltration

| | |
|---|---|
| Method | Simplified |
| Construction quality | Average |
| Fireplaces | 1 |

| | Heating | Cooling |
|---|---|---|
| Area (ft²) | 935 | 935 |
| Volume (ft³) | 7480 | 7480 |
| Air changes/hour | 0.65 | 0.26 |
| Equiv. AVF (cfm) | 81 | 32 |

### Latent Cooling Equipment Load Sizing

| | | |
|---|---|---|
| Internal gains | 0 | Btuh |
| Ventilation | 0 | Btuh |
| Infiltration | 889 | Btuh |
| Total latent equip. load | 889 | Btuh |
| Total equipment load | 16583 | Btuh |

### Heating Equipment Summary

Make n/a
Trade n/a
n/a

| | | |
|---|---|---|
| Efficiency | n/a | |
| Heating input | | |
| Heating output | 0 | Btuh |
| Heating temp rise | 0 | °F |
| Actual heating fan | 0 | cfm |
| Heating air flow factor | 0.000 | cfm/Btuh |
| Space thermostat | n/a | |

### Cooling Equipment Summary

Make n/a
Trade n/a
n/a
n/a

| | | |
|---|---|---|
| Efficiency | n/a | |
| Sensible cooling | 0 | Btuh |
| Latent cooling | 0 | Btuh |
| Total cooling | 0 | Btuh |
| Actual cooling fan | 0 | cfm |
| Cooling air flow factor | 0.000 | cfm/Btuh |
| Load sensible heat ratio | 0 | % |

***Bold/italic values have been manually overridden***

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

**LEGAL NOTICE**

(Brick Township)
NOTICE OF DECISIONS

TAKE NOTICE that on the 26th day of September 2001, the Planning Board of the Township of Brick, after a public hearing, made the following decisions:

a. Approved Case #2377-MS-6/01, Richard Zarlli, 13 Tilton Road, for a two-lot Minor Subdivision of Block 171, Lot 11.01 for premises on Greenwood Lane.

b. Approved Case #2376-FMS-5/01, PSD Corporation, PO Box 4148, Brick, NJ 08723 for a Final Major Subdivision of five lots for Block 646, Lots 14.03, 14.04 & 53; Block 646.07, Lot 60.02 for premises on Ivanhoe Road.

c. Approved Case #2364-MS-V-3/01 - Paul Clemnecki, 11 Cardinal Avenue, Brick, NJ for a two-lot minor subdivision with variances for Block 158, Lot 114, for premises located on Cardinal Avenue.

d. Amended approval for Case #2368-PSP-V-FSP-4/01, Costco Wholesale, 999 Lake Drive, Issaquah, WA, Block 323.04, Lot 7 for modification of the canopy.

The above determinations of the said Board have been filed in the office of said Board at the Municipal Building, Brick Township, N.J. and are available for inspection.

Judith Fox Nelson, Secretary
Brick Township Planning Board
Printers Fee: $12.16
Town News 10/4/01

# BRICK TOWNSHIP PLANNING BOARD

## FINAL MAJOR SUBDIVISION APPROVAL

**RESOLUTION** R-88-01 **PAGE 1**

**CASE NO. PB-2376-FMS-5/01** **September 26, 2001**

**WHEREAS, P.S.D. CORPORATION, INC.,** having a mailing address of P.O. Box 4158, Brick, New Jersey 08723, has applied to the Brick Township Planning Board for final major subdivision approval pursuant to N.J.S.A. 40:55D-50, 60 and 70; and

**WHEREAS,** proof of service as required by law upon appropriate property owners and governmental bodies has been furnished and determined to be in proper order; and

FILE 2
APP
APP ENG
APP ATT
BD ENG
BD ATT
BUILDING
ZONING
TAX A
ENG 2

**WHEREAS,** a public hearing was held on September 19, 2001 in the Municipal Building, at which time testimony and exhibits were presented on behalf of the applicant, and all interested parties having been heard; and

**WHEREAS,** the Board makes the following factual findings and findings of law:

1. This property is known and designated as Block 646, Lots 14.03, 14.04 and 53 and Block 646.07, Lot 60.02 on the Municipal Tax Map.

2. The property is located in the R-7.5 Residential Zone.

3. The applicant proposes a final major subdivision of that property granted preliminary major subdivision approval by Resolution R-84-01 on September 12, 2001. The proposed final major subdivision is shown on plans entitled, "Final Major Subdivision of Ivanhoe Road, Block 646, Lots 14.03, 14.04 & 53; Block 646.07, Lot 60.02, Township of Brick, Ocean County, New Jersey", dated 5/23/01, consisting of one (1) sheet as prepared by Challoner & Magno Engineering, Inc.

4. Lynch, Giuliano & Associates, Inc. prepared a report to the Board dated September 7, 2001. The Board hereby adopts the findings in that report and incorporates that document in this resolution by reference.

5. The applicant has complied with the requirements of the subdivision ordinance. The plan is consistent with the intent and purpose of the Master Plan and the Municipal Development Ordinance.

**NOW, THEREFORE, BE IT RESOLVED** by the Township Planning Board on this 26th day of September, 2001, that this application be approved subject to the following conditions:

1. The applicant shall comply with all standard Planning Board conditions for final major subdivision approval as set forth on Attachment "A".

2. The applicant shall comply with all representations and agreements made by the applicant or its attorney during the presentation of this case.

3. The applicant shall comply with all conditions contained in R-84-01 granting the applicant preliminary subdivision approval.

4. The applicant shall comply with the following comments contained in the report from Lynch, Giuliano & Associates, Inc. dated September 7, 2001: 1, 2, 3, 5, 6, 7, 8, 10, 11, 12 and 13.

5. The final subdivision map is not to be filed until after the property is transferred between the applicant and the Township in accordance with R. 84-01. Therefore, the requirements of Items No. 4 and No. 9 of Lynch, Giuliano & Associates, Inc. report dated September 7, 2001 are hereby waived.

MOVED BY: Mr. Dockery

SECONDED BY: Mr. Petoia

VOTING IN THE AFFIRMATIVE: Mrs. LaDuke, Mr. Dockery, Mr. Petoia, Mr. Reilly, Mr. Fredo

VOTING IN THE NEGATIVE:

INELIGIBLE TO VOTE: Mr. Nerlick, Mr. Higgins

ABSTAINING:

ABSENT: Mr. Kelly, Councilman Underwood, Mr. Vespi, Mr. Scherer

## CERTIFICATION

I, **JUDITH FOX NELSON**, Clerk of the Planning Board of the Township of Brick, County of Ocean, State of New Jersey, do hereby certify that the foregoing resolution was duly **ADOPTED** by the said Planning Board of the Township of Brick at a regular meeting held on the 26th day of September, 2001.

**IN WITNESS WHEREOF**, I have set my hand this 4th day of October, 2001.

Judith Fox Nelson

**JUDITH FOX NELSON**
Clerk of the Planning Board

MOVED BY: Mr. Dockery

SECONDED BY: Mr. Petoia

VOTING IN THE AFFIRMATIVE: Mrs. LaDuke, Mr. Dockery, Mr. Petoia, Mr. Reilly, Mr. Fredo

VOTING IN THE NEGATIVE:

INELIGIBLE TO VOTE: Mr. Nerlick, Mr. Higgins

ABSTAINING:

ABSENT: Mr. Kelly, Councilman Underwood, Mr. Vespi, Mr. Scherer

## CERTIFICATION

I, **JUDITH FOX NELSON**, Clerk of the Planning Board of the Township of Brick, County of Ocean, State of New Jersey, do hereby certify that the foregoing resolution was duly **ADOPTED** by the said Planning Board of the Township of Brick at a regular meeting held on the 26th day of September, 2001.

**IN WITNESS WHEREOF**, I have set my hand this 4th day of October, 2001.

Judith Fox Nelson

**JUDITH FOX NELSON**
Clerk of the Planning Board

ATTACHMENT "A"

BRICK TOWNSHIP PLANNING BOARD

STANDARD CONDITIONS FOR FINAL MAJOR SUBDIVISION APPROVAL



1. Applicant shall obtain all approvals required by any Federal, State, County or Municipal agency having regulatory jurisdiction of this development. Upon receipt of such approval(s), the applicant shall supply a copy of the permit(s) to the Board. In the event that any other agency requires a change in the plans approved by this Board, the applicant must reapply to the Brick Township Planning Board for approval of that change.

2. Applicant shall resubmit this entire proposal for re-approval should there be any deviation from the terms and conditions of this Resolution or the documents submitted as part of this application, all of which are made a part hereof and shall be binding on the applicant.

3. Applicant shall provide a statement from the Brick Township Tax Collector that all taxes are paid in full as of the date of this Resolution and as of the date of the fulfillment of any condition(s) of this Resolution.

4. Applicant shall furnish a duplicate mylar of the filed map, certified by the applicant's engineer, to the Township Engineer.

5. Applicant shall post a bond for the setting of monuments in accordance with the map filing law in an amount to be determined by the Township Engineer. Further, the applicant shall post an inspection fund for the verification of compliance with this requirement in an amount to be determined by the Township Engineer.

6. No soil shall be removed from the site without the written approval of the Township Council.

7. A statement must be furnished by the Township Engineer indicating that all required improvements on the site have been approved, or in the alternative, a cash bond

and performance guarantee have been posted with the Township Clerk in an amount sufficient to insure the completion of all required improvements. The amount of the cash bond and performance guarantee is to be determined by the Township Engineer. The performance guarantee is to be updated at six month intervals at the discretion of the Township Engineer.

8. The depositing of a cash bond and performance guarantee shall not operate to discharge or release the applicant from the obligation and responsibility to cause required improvement to be installed and maintained as required by an applicable ordinance or other law. In the event the applicant desires to be released or otherwise transfer obligations and responsibilities to another party under the terms of the guarantees posted with the Township, the applicant shall make application to the Township Council seeking this permission.

9. The applicant shall comply with all provisions and pay all fees established under Article VB (Mandatory Development Fees) of Chapter 190 of the Code of the Township of Brick.

10. The applicant or any successor shall provide one maximum size trash container unit identical with those used for other residences in the Township of Brick for each lot. Said container shall be provided at the time the building permit is issued and the cost of the total required number of containers shall be a part of the bond to be provided for as hereinabove required.

11. For all residential uses the subdivider or site plan applicant shall provide for a trash receptable.

12. In order to insure uniformity of trash receptacles and compatibility with the automatic trash collection system, all trash can receptacles required herein shall be obtained from the Township of Brick.

# Counter Form
PLEASE PRINT

## PLUMBING

Contractor: Bill Dalton Plumbing + Heating
Address: 555 New Jersey Rd. Brick NJ. 08724
Phone #: 732-458-2424
Lis #: 10633
Federal Emp # or SSN 36438170

### Technical Data

| Fixtures | Quantity |
|---|---|
| Water Closets (Toilet) | 3 |
| Urinals/Bidets | |
| Bath Tub (w/or w/out shower head) | 2 |
| Lavatory (BR Sink) | 3 |
| Shower | |
| Floor Drain | |
| Sink | 1 |
| Dishwasher | 1 |
| Drinking Fountain | |
| Washing Machine | 1 |
| Hose Bib | 2 |
| Gas Piping | 1 |
| Fuel Oil Piping | |
| Water Heater | 1 |
| Steam Boiler | |
| Hot Water Boiler | |
| Sewer Pump | |
| Interceptor/Separator | |
| Backflow Preventer | |
| Greasetrap | |
| Air Conditioner (Condensate Drain) | 1 - set existing |
| Septic Tank Closure | |
| Sewer Service Connection | 1 |
| Water Service Connection | 1 |
| Active Solar System | |
| Auxiliary Meter | |
| Sprinkler Heads | |
| Sump Pump | |
| Pool Heater | |
| Other: | |

Estimated Cost of Plumbing Work $4000.00

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: William E Dalton

Please Print Name: William E Dalton

CONTRACTOR'S SEAL

## FIRE

Contractor: Eureka Elec. Service
Address: P.O. Box 4075
Brick N.J. 08723
Phone #: 732-255-2882
Lis #: 4872
Federal Emp # or SSN 221814013

### Technical Data

Description of Work:

Heating Type: X Gas ___ Oil ___ Electric ___ Solar
Heating System is X New ___ Existing
Location of Furnace/Boiler: CELLAR
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

| Item | Quantity |
|---|---|
| Wet Sprinkler Heads | |
| Dry Sprinkler Heads | |
| Total | |
| Smoke Detectors | 6 |
| 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 1
Gas Dryer 1
Furnace (Gas or Oil) 1
Gas Fireplace
Gas Logs
Total Appliances 3

Wood Burning Stove
Wood Fireplace
Other:

Estimated Cost of Fire Work 350.00

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: Robert E Schibach

Print Name: Robert E Schibach

# Township of Brick
## Counter Form
(PLEASE PRINT)

Site Location: 619 IVANHOE RD
Block: 646.07 Lot: 60.06
Owner's Name: PSD CORPORATION
Owner's Mailing Address: PO BOX 4158 BRICK 08723

Phone: (732) 477-8200

## BUILDING

Contractor: PSD CORPORATION
Address: PO BOX 4158 BRICK N.J 08723
Phone#: 732-477-8200
Lis #: 023218
Federal Emp # or SSN 22-2279 81

### Technical Data

Description of Work: NEW DWELLING

STATE OF NEW JERSEY
DEPARTMENT OF COMMUNITY AFFAIRS
Division of Codes and Standards
New Home Warranty Program
This is to certify that
PSD CORPORATION INC
is a registered builder under the New Home Warranty and Builder Registration Act, (N.J.S.A. 46:38.1 et. seq.)
REGISTERED BUILDER
(This registration expires on the date stamped.)
023218 APR 30 6
Director

### Type of Work

| | |
|---|---|
| X New Building | ___ Siding |
| ___ Addition | ___ Fence |
| ___ Alteration | ___ Pool |
| ___ Roofing | ___ Demolition |
| ___ Asbestos Abatement | ___ Sign ___ sq ft |

### Building Characteristics

Use Group Present: _____ Proposed: _____
No of Stories: 2
Height of Structure: 26'
Area of the largest floor: 980 SQ FT
Area of New Structure: 1015 SQFT
Volume of New Structure: 24720 CU FT
Total Land Disturbed: 3000 SQ FT

Cost of Alteration: $ _____
Cost of New Building: $ 70,150.00
Total Cost of New Building Work: $ 78,500.00

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 DONALD BERTRAND PRESIDENT PSD CORPORATION

## ELECTRICAL

Contractor: EUREKA ELEC. SERVICE
Address: P.O. BOX 4075 BRICK N.J. 08723
Phone#: 732-255-2822
Lis #: 4872
Federal Emp # or SSN 221814013

### Technical Data

| Item | Quantity |
|---|---|
| Lighting Fixtures | 20 |
| Receptacles | 50 |
| Switches | 25 |
| Detectors | 6 |
| Light Poles | |
| Motors w/ Fract. HP | |
| Emergency & Exit Lights | |
| Communication Points | |
| Alarm Devices/FAC Panel | |
| Total | 101 |
| 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 | 1 KW |
| Garbage Disposal | HP |
| A/C Unit - Central Air | 3 TON KW |
| Space Heater/Air Handler | 1 KW |
| Baseboard Heating | KW |
| Motors 1+ HP | |
| Transformer/Generator | KW |
| Light Stander | AMP |
| Service | 100 AMP |
| Subpanel | AMP |
| Motor Control Center | AMP |
| Sign/Outline Light | - See FIRE KW |
| Furnace | |
| Steam Boiler | |
| Other: | |

Estimated Cost of Electrical Work: 4000.00

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 ROBERT R. SEGHORI

CONTRACTOR'S SEAL