

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0001952
Insp Area: 1

Site Address: 1021 F ST SAC
Parcel No: 002-0116-043

Sub-Type: AOTHR
Housing (Y/N): N

CONTRACTOR

OWNER

ARCHITECT

BRUCE BOOHER
SACRAMENTO, CA
1021 F ST 95814

Nature of Work: INSTALL NEW (FUTURE) GAS LINE IN A ALL ELECTRIC HOUSE, FOR RANGE, WATER HEATER , AND KILN :
INSTALATION KLIN IN BACK YARD W/ GAS & ELECTRICAL

CONSTRUCTION LENDING AGENCY : I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class _____ License Number _____ Date _____ Contractor Signature _____

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00):

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

____ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

____ I am exempt under Sec. _____ B & PC for this reason: _____

Date 3-2-00 Owner Signature *J Parker*

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and herby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 3-2-00 Applicant/Agent Signature *J Parker*

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

____ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

____ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier _____ Policy Number _____ Exp Date _____

____ (This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 3-2-00 Applicant Signature *J Parker*

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

OWNER-BUILDER VERIFICATION

ATTENTION PROPERTY OWNERS

An owner-builder building permit has been applied for in your name and bearing your signature.

Please complete and return this information in the envelope provided at your earliest opportunity to avoid unnecessary delay in processing and issuing your building permit. No building permit will be issued until this verification is received.

1. I personally plan to provide the major labor and materials for construction of the proposed Improvement (yes) or no _____
2. I (have) have not) _____ signed an application for A building permit for the proposed work.

3. I have contracted with the following person (firm) to provide the proposed construction:

Name _____ Address _____

City _____ Telephone _____

Contractors License No. _____

4. I plan to provide portions of the work, but I have hired the following person to coordinate, Supervise, and provide the major work.

Name _____ Address _____

City _____ Telephone _____

Contractors License No. _____

5. I will provide some of the work but I have contracted (hired) the following to provide the Work indicated:

Name	Address	Phone	Type of work
_____	_____	_____	_____
_____	_____	_____	_____

Signed Laura Parker

Job Address 1021 F ST., SAC. CA. 95814

Permit No: 00-01952

Date of Request: 2-29-00
By: _____

CITY OF SACRAMENTO DEVELOPMENT SERVICES DIVISION
PLANNING AND ZONING INFORMATION REQUEST

Project Address: 1021 F ST

Assessor's Parcel Number: 002.0116.046

Previous Use: _____

Description of Request/Proposed Use: INSTALLATION OF KLUW IN BACKYARD

Is This a Change of Use? NO

Zoning Designation: R3A

Prior Applications for Project Site(P#, Z#, DRPB#): _____

Comments: _____

Are There Any Planning Issues?: (circle one) YES NO

- * Staff Site Plan Check Required? (Circle one) YES NO
- * Field Inspection Required? (Circle one) YES NO
- * Design Review/Preservation Required? (Circle one) YES NO

Planning Review by/Date: [Signature] 2-29-00

A list of items that must be reviewed by Planning is provided on the reverse side of this form.

MICROFILM AFTER FINAL

OWNER-BUILDER VERIFICATION

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1. I personally plan to provide the major labor and materials for construction of the proposed improvement (yes or no) yes
2. I (have/have not) have signed an application for a building permit for the proposed work.

3. I have contracted with the following person (firm) to provide the proposed construction:

Name _____ Address _____

City _____ Telephone _____

Contractors License No. _____

4. I plan to provide portions of the work, but I have hired the following person to coordinate, supervise, and provide the major work.

Name _____ Address _____

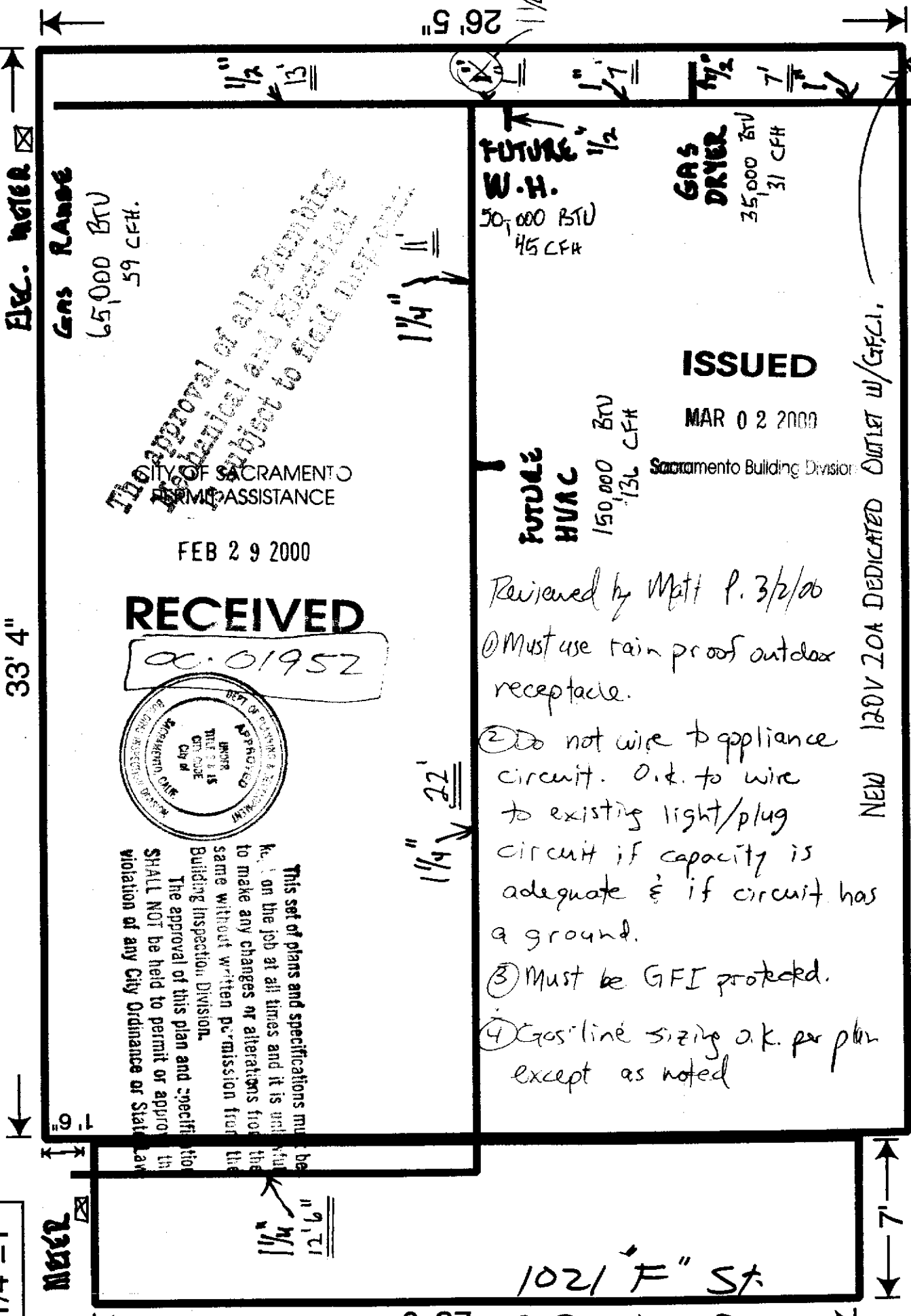
City _____ Telephone _____

Contractors License No. _____

5. I will provide some of the work but I have contracted (hired) the following to provide the work indicated:

Name _____ Address _____ Phone _____ Type of work _____

Signed [Signature] 95814
Job Address 1021 E. ST. SAC. OR DATE 3-2-00
Permit No. _____

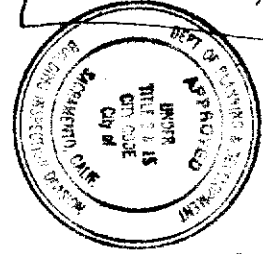


The approval of all plumbing
 mechanical and electrical
 subject to field inspection
 CITY OF SACRAMENTO
 PERMIT ASSISTANCE

FEB 29 2000

RECEIVED

00-01952



This set of plans and specifications must be read in conjunction with the City Code, Ordinance 12.16.11 and all applicable codes. The approval of this plan and specifications shall NOT be held to permit or approve any violation of any City Ordinance or State law.

ISSUED

MAR 02 2000

Sacramento Building Division

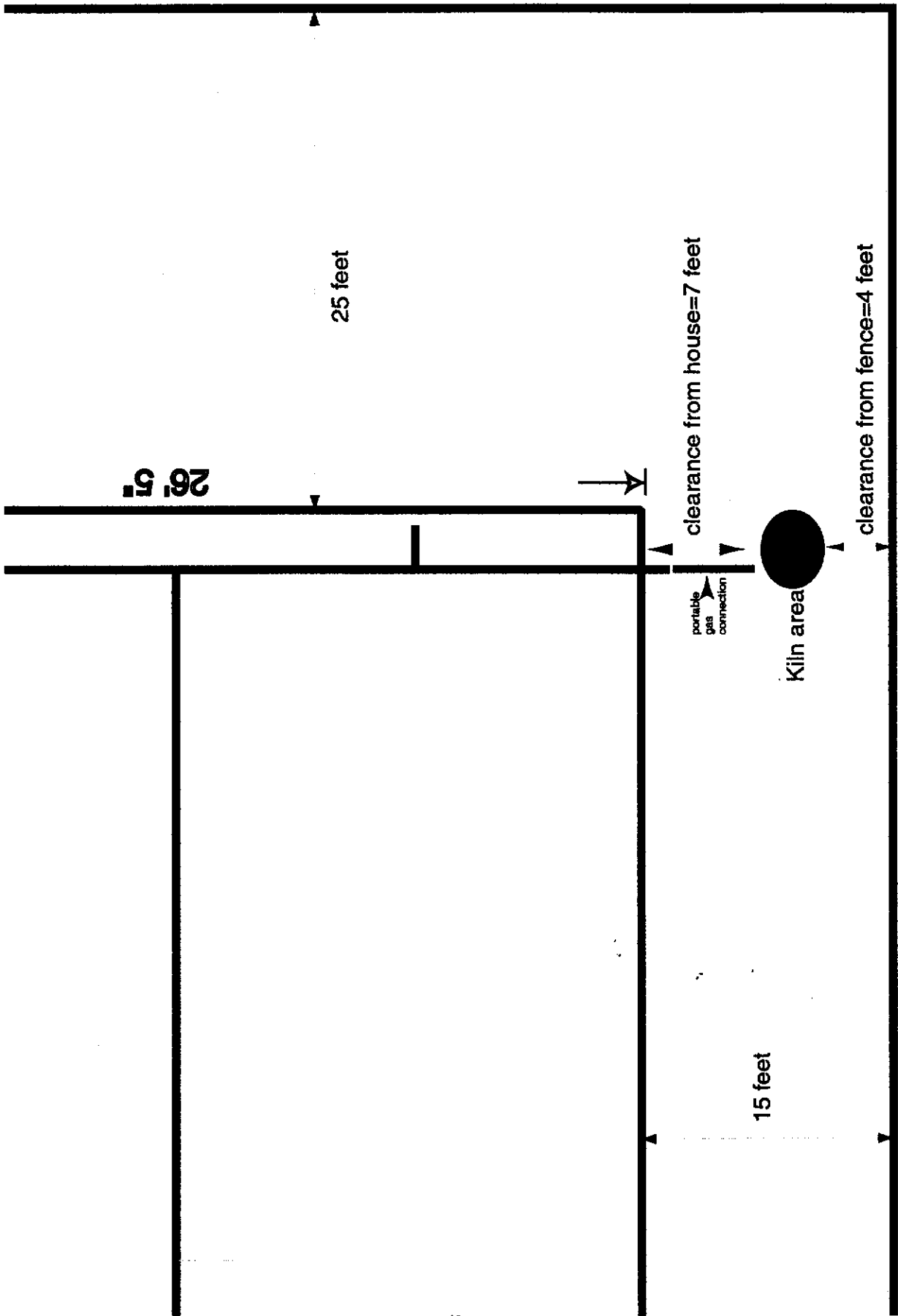
- Reviewed by Matt P. 3/2/00
- ① Must use rain proof outdoor receptacle.
- ② Do not wire to appliance circuit. O.k. to wire to existing light/plug circuit if capacity is adequate & if circuit has a ground.
- ③ Must be GFI protected.
- ④ Gas line sizing o.k. per plan except as noted

NEW 120V 20A DEDICATED OUTLET w/GFCI.

Scale
1/4" = 1'

KILN 180 000 BTU
 164 CFM
 MOST REAR OUTLET IS 59'

1021 F" ST
000/952R



Fence

VENTING REQUIREMENTS FOR
JOHNSON FURNACES

1. POT FURNACES, FORGES, AND MELTING FURNACES.

SINGLE UNITS OR MULTIPLE INSTALLATIONS

FOR EXHAUST HOODS APPROXIMATELY 6' 6" TO 7' ABOVE FLOOR, THE EXHAUST FAN SHOULD BE SUFFICIENT TO PROVIDE A 200 FPM FACE VELOCITY AT THE HOOLD.

2. OVEN TYPE FURNACES [INCLUDES OVEN FORGES]

A. SINGLE INSTALLATIONS:

FOR SINGLE INSTALLATIONS THE VENT REQUIREMENTS SHOULD REDUCE FLUE GAS TEMPERATURE TO 500 OR BELOW. FOR CFM REQUIREMENTS, DIVIDE BTU INPUT OF THE FURNACE BY 225. [APPLICABLE WHERE THE VENT HOOD IS 6" TO 8" ABOVE EXHAUST OPENING].

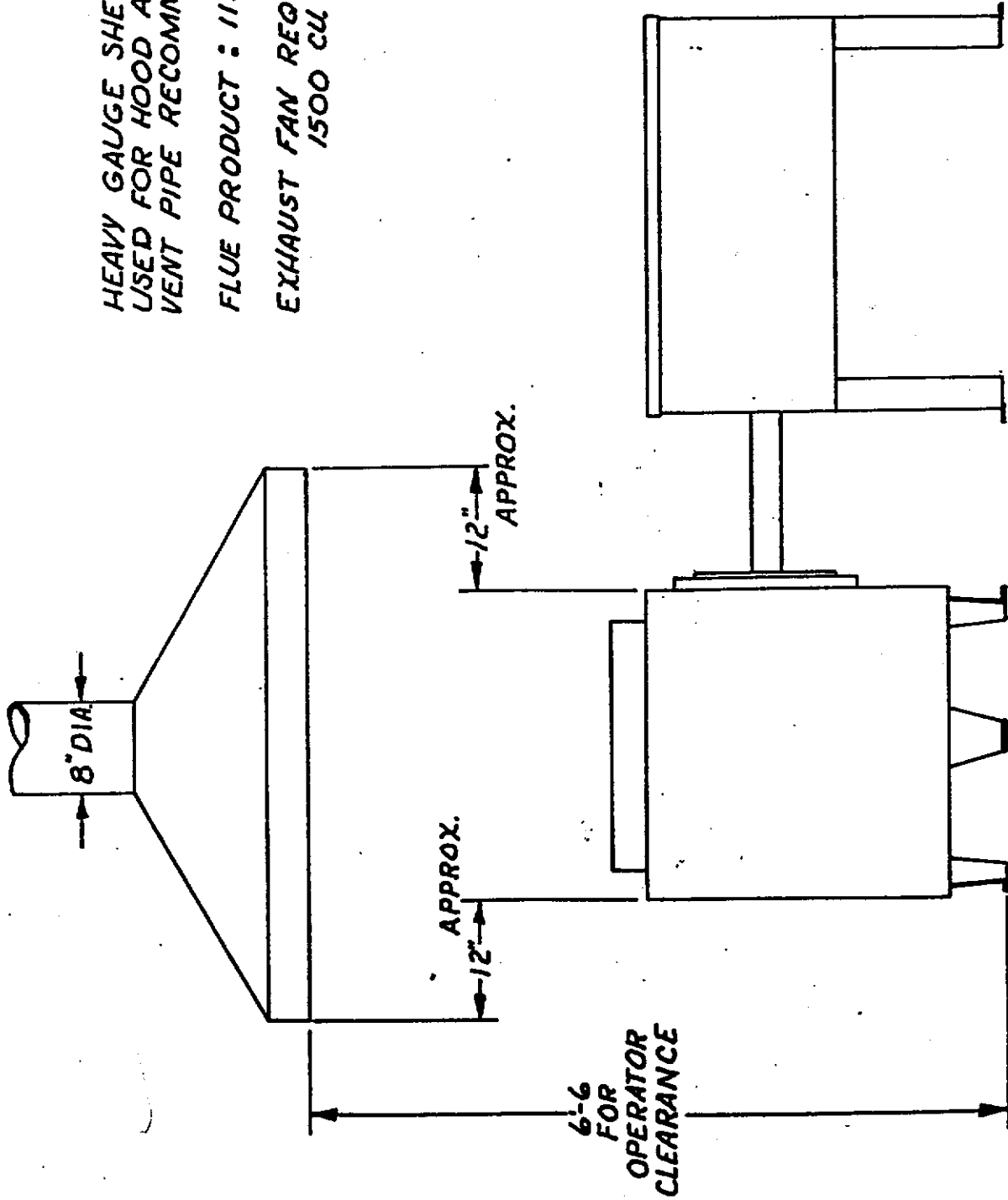
B. FOR SINGLE OR MULTIPLE INSTALLATIONS WHEN SINGLE EXHAUST HOOD IS 6' 6" TO 7' ABOVE FLOOR, PROVIDE FOR A 200 FPM FACE VELOCITY.

SUGGESTED METHOD OF VENTING JOHNSON #900 FURNACE

HEAVY GAUGE SHEET METAL SHOULD BE USED FOR HOOD AND STACK. CLASS "A" VENT PIPE RECOMMENDED.

FLUE PRODUCT : 115 CU. FT./MIN. @ 2000°

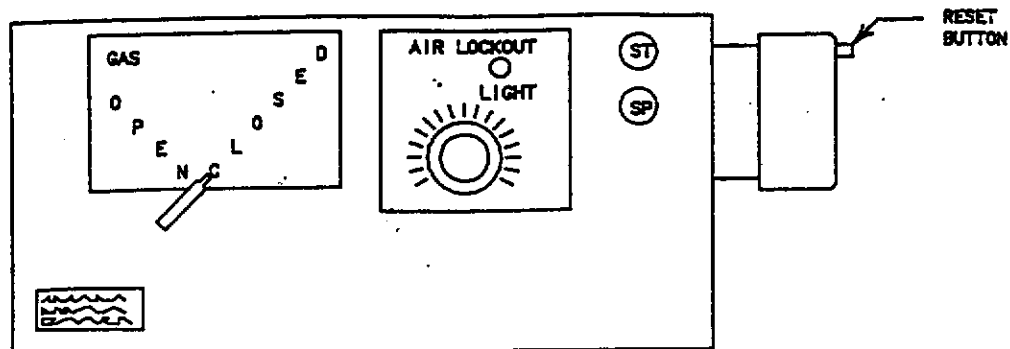
EXHAUST FAN REQUIREMENT : 1500 CU. FT./MIN.



LIGHTING AND OPERATING INSTRUCTIONS

FORM NO.A-1983

FOR
FURNACE WITH CONSOLE



ALL WIRING AND PLUMBING MUST BE COMPLETE BEFORE CONTINUING:

1. Turn the air control knob to number 6. Set the gas control handle to the "CLOSED" position. If you have automatic temperature control, set the control's set point to your desired furnace temperature.

2. Depress and release the start button. The blower motor will start and, after approximately 5 seconds, you will hear the flame safeguard control contacts "click", and the spark igniter will "buzz". Now slowly open the gas control handle just to the position where the burners ignite.

If you depressed the red start button, and the red lockout lamp is "on", you will have to depress the reset button on the flame safeguard control. The red lamp will then go out and the spark igniter will "buzz". Then slowly open the gas control handle until the burners ignite.

If the red flame safeguard did not go out, when you depressed the reset button, wait about 30 seconds and try again.

NOTE: The gas control handle is seldom at the full open position when ignition takes place, but it should be opened slowly until the burners just ignite.

Once ignition takes place, make slight adjustments to the gas control handle to obtain a steady burner "roar".

3. After the furnace has been allowed to warm up for a few minutes, adjust the gas control handle to obtain a sharp tail of flame out the exhaust opening of the furnace. If there is no visible flame, increase the amount of gas slowly. If there is a high, lazy flame, decrease the amount of gas.

4. To reduce the gas input, slightly move the air control knob clockwise. Next adjust the gas control to obtain the desired sharp tail of flame. Repeat this procedure until the desired gas input is reached.

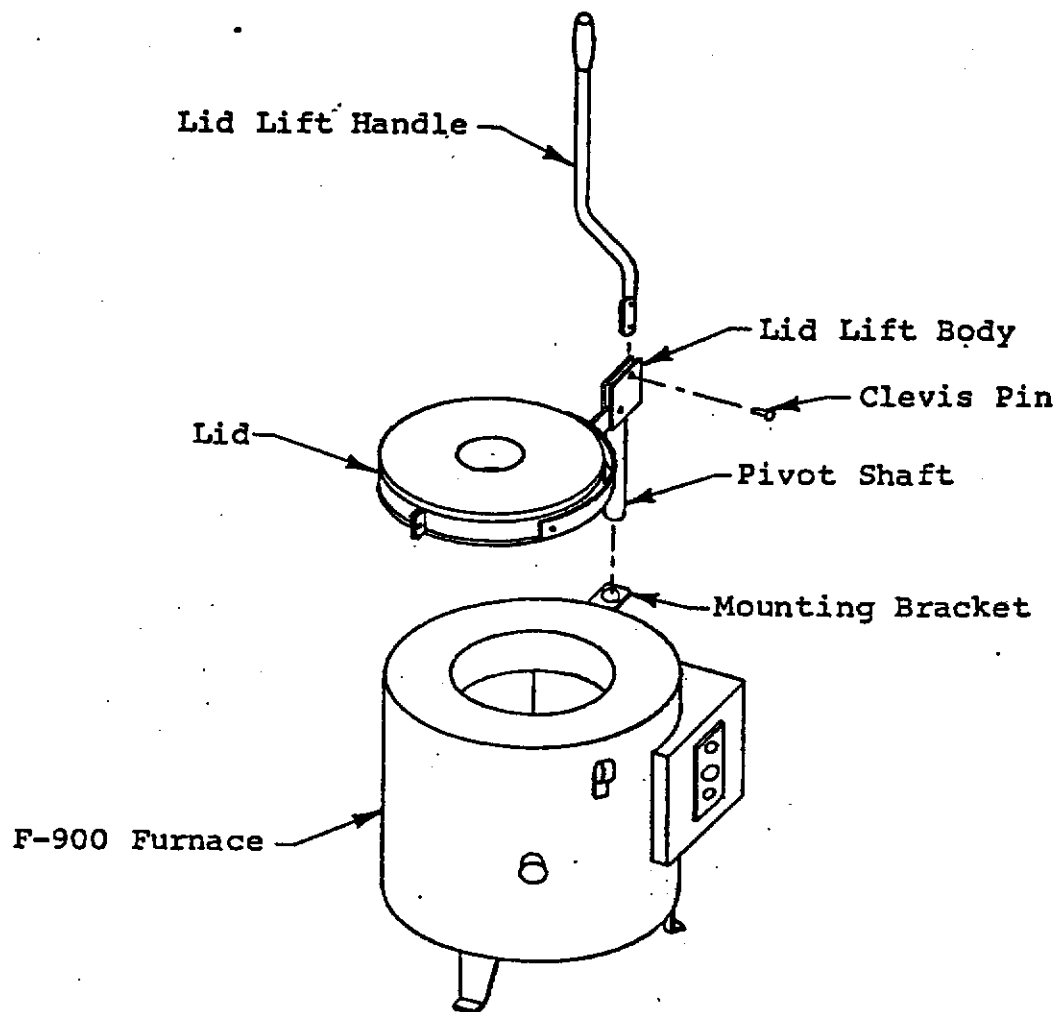
5. To increase the gas input, turn the air control knob counter-clockwise a small amount and re-adjust the gas control to obtain the sharp tail of flame. Repeat this procedure until the desired input is reached.

6. To shut down the furnace, depress and release the "stop" button, and turn the gas control handle to the "closed" position.

FORM NO. A-1983

JOHNSON GAS APPLIANCE COMPANY

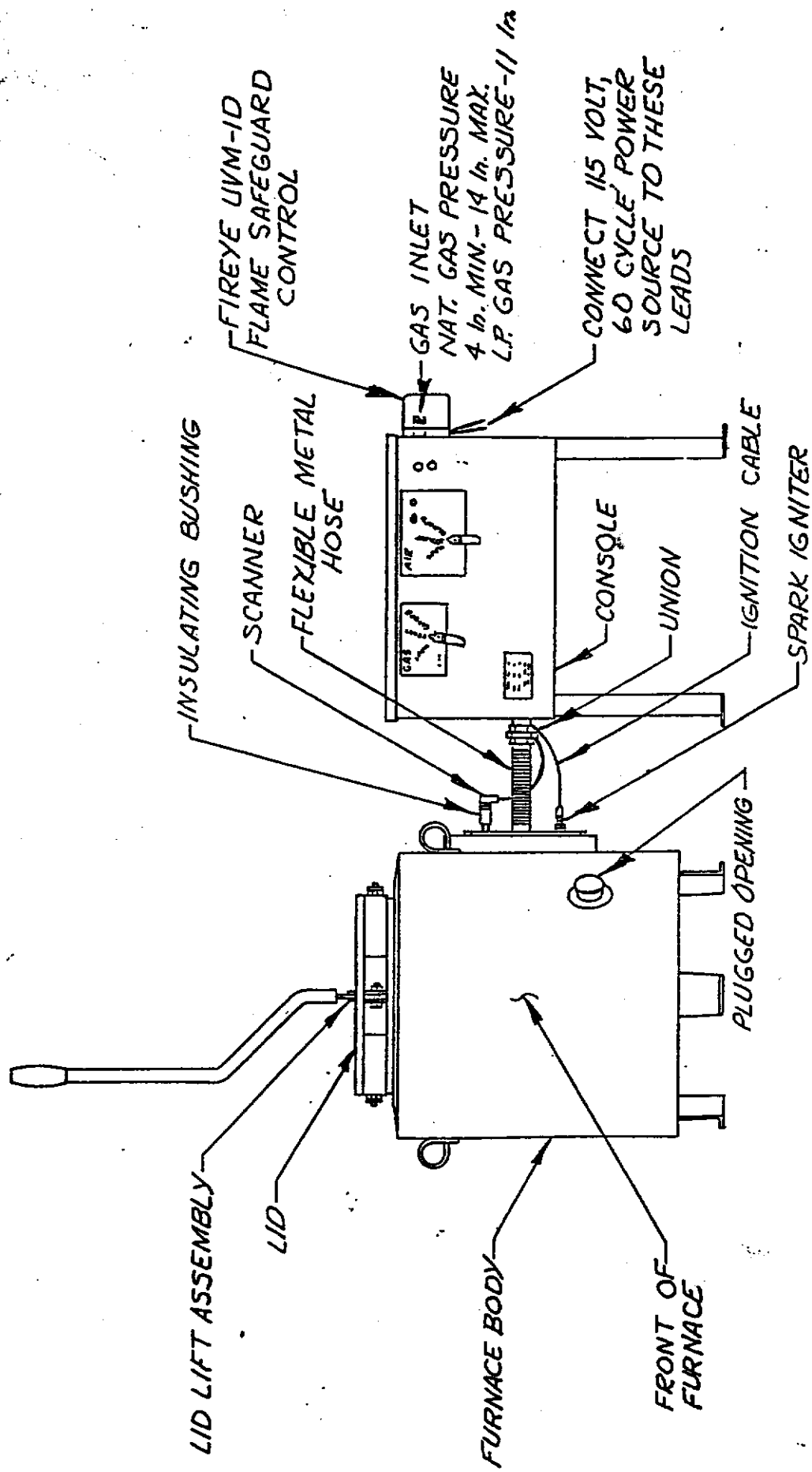
520 E Ave. NW * Cedar Rapids, IA 52405 * Ph: 319-365-5267 or 1-800-553-5422

LID LIFT ASSEMBLY INSTRUCTIONS FOR F-900

1. SET LID ON TOP OF FURNACE WITH PIVOT SHAFT OF LID LIFT BODY GOING THROUGH HOLE IN TOP OF MOUNTING BRACKET AND FITTING OVER PLUG ON BOTTOM BRACKET.
2. LID LIFT HANDLE SLIPS BETWEEN SIDES OF LID LIFT BODY AND IS SECURED WITH A $\frac{1}{2}$ " DIA. X 1" CLEVIS PIN AND COTTER PIN.

NOTE: HANDLE IS OFFSET AWAY FROM BURNER PORTION OF FURNACE BODY.

INSTALLATION DIAGRAM FOR #900 FURNACE WITH SPARK IGNITION AND FIREYE UVM-ID FLAME SAFEGUARD CONTROL



JOHNSON GAS APPLIANCE CO.
CEDAR RAPIDS, IOWA 52405

FORM G50
8-18-69
6-11-71

INSTALLATION INSTRUCTIONS FOR NO. 900 FURNACE WITH
MANUAL CONTROL, SPARK IGNITION AND FIREYE FLAME
SAFEGUARD CONTROL. [CONSULT INSTALLATION DIAGRAM
WHILE READING THIS.]

1. POSITION FURNACE AND CONSOLE IN DESIRED LOCATION. THE BACK OF THE FURNACE [SIDE LID LIFT IS ON] SHOULD BE AT LEAST 30" AWAY FROM THE NEAREST WALL. ANY WALLS, CEILINGS OR FLOORS MADE FROM COMBUSTIBLE MATERIAL THAT ARE SUBJECTED TO THE RADIANT HEAT SHOULD BE PROTECTED WITH INSULATION BOARD OR SIMILAR MATERIAL. ON INITIAL HEAT UP, NEARBY WALLS, CEILINGS, ETC. CAN BE CHECKED TO SEE IF THEY NEED PROTECTION.
2. THE FRONT OF THE FURNACE SHOULD BE LEFT CLEAR SO THAT THE OPERATOR HAS ENOUGH ROOM TO MOVE ABOUT.
3. FOR EXHAUSTING FUMES AND EXHAUST GASES, A METAL HOOD WITH AN EXHAUST FAN CAN BE USED. THE HOOD SHOULD BE HIGH ENOUGH SO THAT IT DOES NOT INTERFERE WITH THE OPERATOR.
4. A METAL TRAY OR POT CAN BE PLACED BENEATH THE PLUGGED OPENING. IF A CRUCIBLE BREAKS INSIDE THE FURNACE, THE PLUG CAN BE REMOVED AND THE MOLTEN METAL CAN BE CAUGHT IN THE TRAY.
5. ASSEMBLE THE LID LIFT BY FOLLOWING THE INSTRUCTIONS ON FORMS 180 AND 181. CONNECT THE FLEXIBLE METAL HOSE FROM THE CONSOLE TO THE FURNACE BY USING THE UNION FITTING. SCREW THE SPARK IGNITER INTO THE PORT CASTING. CONNECT THE CABLE FROM THE CONSOLE TO THE SPARK IGNITER. CONNECT THE INSULATING BUSHING AND SCANNER TO THE PORT CASTING.
6. CONNECT THE GAS LINE TO THE CONSOLE GAS INLET. WHEN THE FURNACE IS IN OPERATION, THE PRESSURE SHOULD BE 4" TO 14" WATER COLUMN ON NATURAL GAS, AND 11" WATER COLUMN ON L.P. GAS.
7. CONNECT 115 VOLT POWER SOURCE TO THE BLACK AND WHITE LEADS EXTENDING FROM THE CONSOLE.
8. SET THE CRUCIBLE INSIDE THE FURNACE ON THE CRUCIBLE REST. LOWER LID ONTO FURNACE. TURN ON MAIN GAS AND POWER SUPPLY SEE FORM A-1983 FOR LIGHTING THE FURNACE.
9. LONG HANDLED FURNACE TONGS CAN BE USED TO PLACE THE METAL THROUGH THE OPENING IN THE LID. NOTE: THE PIECES SHOULD BE SMALL ENOUGH TO PASS THROUGH THE HOLE WITHOUT BLOCKING TOO MUCH. NOTE: AFTER THE FURNACE HAS BEEN HEATED UP AND COOLED, YOU WILL NOTICE CRACKS APPEAR IN THE LID REFRACTORY AND IN THE FURNACE LINING. THIS IS NORMAL DUE TO THE EXPANSION AND CONTRACTION OF THE REFRACTORY AND WILL NOT AFFECT THE PERFORMANCE OF THE FURNACE.
10. ON THE FIRST HEAT UP, THE FURNACE SHOULD BE ALLOWED TO RUN AT A LOW RATE FOR ABOUT TWO HOURS TO REMOVE MOISTURE AND DRY OUT THE LINING.

855-4073-43



JOHNSON FURNACE INSTRUCTION MANUAL

#900SS FURNACE - MANUAL TEMPERATURE CONTROL - U.V. SAFETY SYSTEM
FORMS - 651, 650, 800, C-2056, A-1983, 315, 318, A-2076, A-2072

Berisl Brown
F800-553-5422

X142

*900 SS / 920

- _____
- Andre
- 635-5920 WK
- 944-9167 Page
- (530) 676-9841 Hm