

3433-97

Update

U.C.C. F100-1 (rev. 3/96)

LDS BR 10103484

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☐ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☐ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(e)1.vii:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☐ I further certify that I will perform or supervise the following work:

C.1. ☐ Building C.2. ☐ Fire Protection

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

- D. ☐ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature _____ Date _____

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:32-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

☒ Check if contractor.

Agent Name Long's Air Conditioning & Heating Inc.

Address 583 Fischer Blvd.

Toms River, New Jersey 08753

(908) 929-0380

Telephone () 222-310-418/000

Signature Bruce Alexander Agent

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



CONSTRUCTION PERMIT

Date Issued 11-10-97
Control #
Permit # 3433-97

IDENTIFICATION Block 831 Lot 1.01
Work Site Location 11654 Harvard Ave Contractor James A/C & Heat
Address 11654 Harvard Ave
Owner in Fee Pauline
Address NATL
Tele. () [REDACTED] Tele. () [REDACTED]
Lic. No. or Bldrs. Reg. No. [REDACTED] Exp. Date [REDACTED]
Federal Emp. No. [REDACTED]
or Social Security No. [REDACTED]

is hereby granted permission to perform the following work:

☐ BUILDING ☒ PLUMBING ☐ OTHER
☐ ELECTRICAL ☐ FIRE PROTECTION
☐ ELEVATOR DEVICES

DESCRIPTION OF WORK:

Rel to oil

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 \$ 2100

U.C.C. Form F-170C

CONSTRUCTION OFFICIAL

PAYMENTS (Office Use Only)

Building [REDACTED]
Plumbing 35
Electrical [REDACTED]
Fire Protection [REDACTED]
Other [REDACTED]
Other [REDACTED]
DCA Training Fee 2
Cert. of Occ. [REDACTED]
Other [REDACTED]
Total 37
Check No. 2751
Cash [REDACTED]
Collected By: CAI

REQUIRED INSPECTIONS

Construction work must be inspected in accordance with the State Uniform Construction Code Regulations N.J.A.C. 5:23-2.18. This agency will carry out such periodic inspections during the progress of work as are necessary to insure that work installed conforms to the approved plans and the requirements of the Uniform Construction Code.

The owner or other responsible person in charge of work must notify this agency when work is ready for any required inspections specified below. Requests for inspections must be made at least 24 hours prior to the time the inspection is desired. Inspections will be performed within three business days of the time for which they are requested. The work must not proceed in a manner which will preclude the inspection until it has been made and approval given.

☐ Required inspections for all subcodes for one and two family dwellings are the following:

1. The bottom of footing trenches before placement of footings, except that in the case of pile foundations, inspections shall be made in accordance with the requirements of the building subcode;
2. Foundations and all walls up to grade level prior to back filling;
3. All structural framing and connections prior to covering with finish or infill material; plumbing underground services, rough piping, water service, sewer, septic services and storm drains; electrical rough wiring, panels and service installations; insulation installations;
4. Installation of all finished materials, sealings of exterior joints; plumbing piping, trim and fixtures; electrical wiring, devices and fixtures; mechanical systems equipment.

☐ Required special inspections. The applicant by accepting the permit will be deemed to have consented to these requirements:

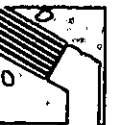
☐ A final inspection is required for each applicable subcode area before a final Certificate of Occupancy or Approval may be issued. Any violations of the approved plans and/or permit will be noted and the holder of the permit notified of discrepancies.

☐ A complete copy of approved plans must be kept on the job site.

If you do not understand any of this information, please ask.



**PLUMBING
SUBCODE
TECHNICAL SECTION**



Date Received **11-10-97**
Date Issued
Control #
Permit # **3433-97**

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

Block **231** Lot **1.01**
Work Site Location **1654 Harvard Ave**
Owner in Fee **Back 1654 Harvard Ave**
Address **Back 1654 Harvard Ave**
Tele **[Redacted]**
Contractor **WHITE EAGLE CONSTRUCTION**
Address **503 NO. SHORE DRIVE**
Telle. () **FORKED RIVER, N.J. 08731**
Lic. No. **(609) 693-5481**
Federal Emp. No. **PLUMBING # 5067-BUILDING # 3622 Security No. #222779356**
Replacement Oil Boiler

B. PLUMBING CHARACTERISTICS

Use Group Present _____ Proposed _____
Building Sewer Size _____ Public Sewer _____ Private Septic _____
Water Service Size _____ Public Water _____ Private Well _____
Estimated Cost of Plumbing Work \$ **1500**

JOB SUMMARY (Office Use Only)

PLAN REVIEW:		INSPECTIONS	
Type:	Dates (Month/Day)	Failure	Approval
☒ No Plans Required			
Joint Plan Review Required:			
☐ Bldg. ☐ Elec.			
☐ Fire ☐ Elevator			
☐ Plumb. Plans Approved			
Date: 10-29-97			
Approved by: [Signature]			
SUBCODE APPROVAL:			
☐ CO ☐ CCO ☒ CA			
Approved By: [Signature]			
Date: 11-14-97			

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.

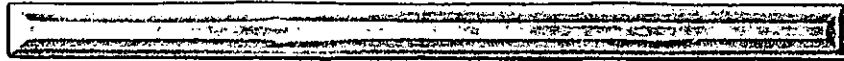
[Signature]
Signature of Contractor Seal

D. TECHNICAL SITE DATA (List all fixtures.)

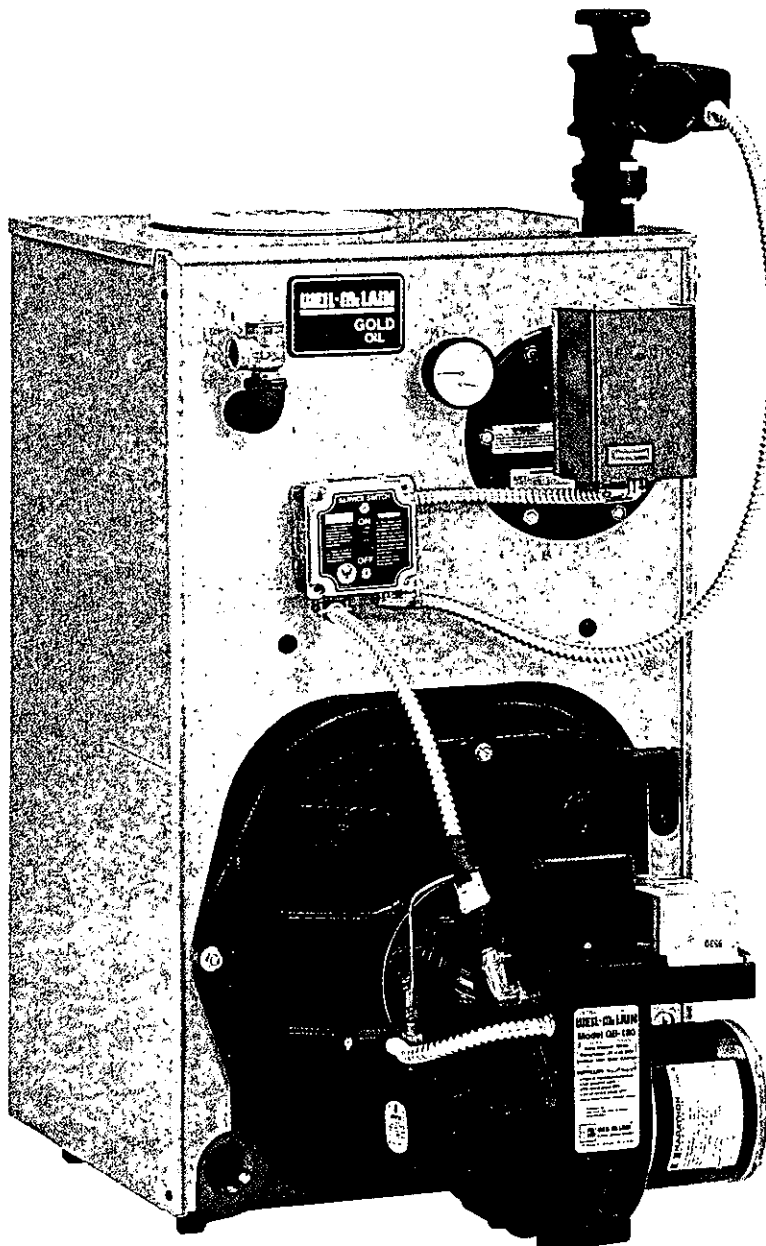
NO.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
	Water Closet	
	Urinal/Bidet	
	Bath Tub	
	Lavatory	
	Shower	
	Floor Drain	
	Sink	
	Dishwasher	
	Drinking Fountain	
	Washing Machine	
	Hose Bibb	
	Water Heater	
	Fuel Oil Piping	01/70
	Gas Piping	01/1
	Steam Boiler	
	Hot Water Boiler	100,000
	Sewer Pump	
	Interceptor/Separator	
	Backflow Preventer	
	Greasetrap	
	Water Cooled A/C	
	or Refrigeration Unit	
	Sewer Connection	
	Water Service Connection	
	Active Solar System	
	Other	

Paid ☐ Check # _____	Administrative Surcharge \$ _____
	Minimum Fee \$ _____
	DCA Training Fee \$ _____
Collected by: _____	TOTAL \$ 35

WEIL-McLAIN



GOLD OIL



- ☐ Easy to Install and Setup
- ☐ Easy to Service and Clean
- ☐ Made with Weil-McLain Quality

WTGO

SERIES 2

WATER BOILER

With Tankless
Heater Opening

7 sizes

100,000

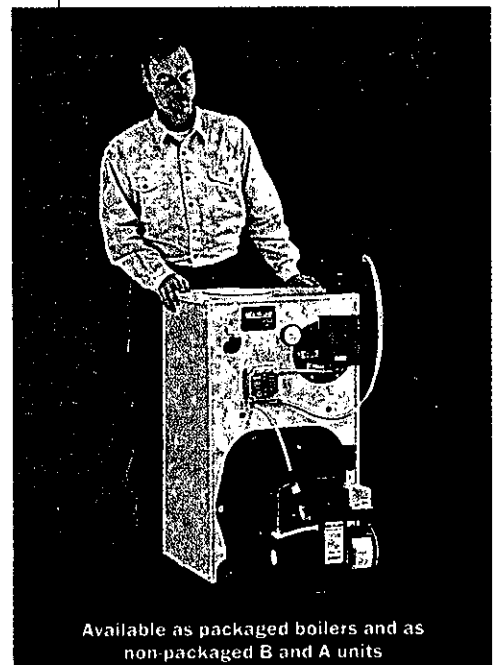
To

263,000

BTU/Hr.

Hot Water

.95 To 2.55 GPH



Available as packaged boilers and as
non-packaged B and A units



WTGO RATINGS



DOE



Boiler Model Number	I-B-R Burner Capacity GPH*	DOE Heating Capacity† MBH**	Net I-B-R Ratings-Water+ MBH**	DOE Seasonal Efficiency % (AFUE)	Minimum I-B-R Chimney Size		
					Rectangular Inches	Round Inches	Height Feet
▲-WTGO-3	.95	115	100	85.0	8×8	6	15
▲-WTGO-4	1.25	151	131	84.6	8×8	6	15
▲-WTGO-5	1.50	182	158	84.8	8×8	7	15
▲-WTGO-6	1.80	218	190	84.9	8×8	7	15
▲-WTGO-7	2.05	249	217	85.1	8×8	7	15
▲-WTGO-8	2.30	274 ■	238	-	8×12	7	20
▲-WTGO-9	2.55	303 ■	263	-	8×12	7	20

▲ Substitute "P" for package boiler (WTGO-3 through WTGO-6 only). Substitute "B" for boiler-burner unit or "A" for boiler only (3 through 9).

* No. 2 fuel oil - Commercial Standard Spec. CS75-56. Heat value of oil - 140,000 BTU/Gal.

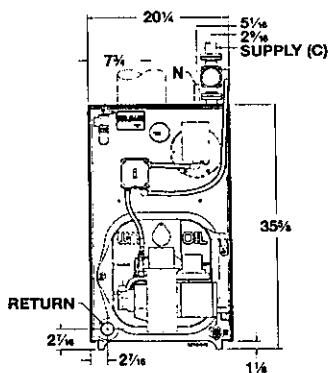
† Based on standard test procedures prescribed by the United States Department of Energy at combustion condition of 13% CO₂ and -0.02" W.C. draft.

**MBH refers to thousands of BTU per hour.

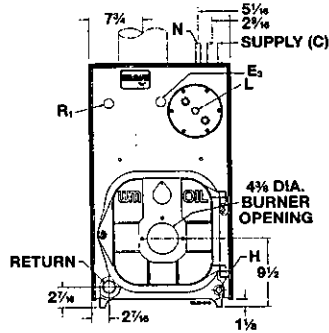
■ I-B-R gross output.

+ Net I-B-R ratings are based on net installed radiation of sufficient quantity for the requirements of the building and nothing need be added for normal piping and pickup. Water ratings are based on a piping and pickup allowance of 1.15. An additional allowance should be made for unusual piping and pickup loads. Consult a Weil-McLain representative.

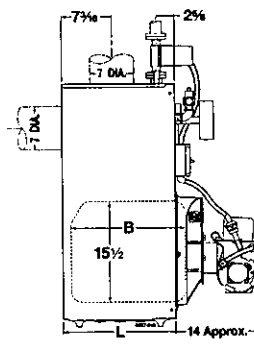
DIMENSIONS



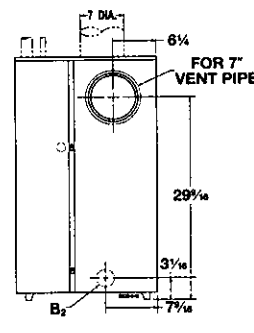
P-WTGO FRONT



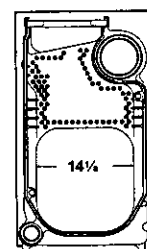
B & A FRONT



SIDE



BACK



INTERMEDIATE

Boiler Model Number	Supply (C)		Front Return All Units	Dimensions Inches		Approx. Shipping Wt. Lbs.*
	P-WTGO (in Circulator)	B & A-WTGO		B	L	
WTGO-3	1 1/4"	1 1/2"	1 1/2"	13 1/2"	16 1/2"	605
WTGO-4	1 1/4"	1 1/2"	1 1/2"	13 1/2"	16 1/2"	660
WTGO-5	1 1/2"	1 1/2"	1 1/2"	16 1/2"	20"	775
WTGO-6	1 1/2"	1 1/2"	1 1/2"	20"	23 3/8"	875
WTGO-7	-	1 1/2"	1 1/2"	23 3/8"	26 1/4"	950
WTGO-8	-	1 1/2"	1 1/2"	26 1/4"	29 1/2"	1055
WTGO-9	-	1 1/2"	1 1/2"	29 1/2"	32 1/2"	1155

CRATE MEASUREMENTS - Height: 39"; Width: 23"; Length: P-3 & 4: 37"; P-5 & 6: 43"; A & B - 3 & 4: 27"; A & B-5 & 6: 33".

*Weights based on P units (3 through 6) and B units with all components (7 through 9).

CONTROL TAPPINGS

Location	Size Inches	Control
B ₂	1 1/2"	Alternate Return - B and A Units Only
E ₃	3/4"	Pressure-Temperature Gauge
H	3/4"	Drain Valve
L*	3/4"	High Limit/Circulator Control
N	1/2"	Piping to Expansion Tank or Automatic Air Vent
R ₁	3/4"	Relief Valve

*In tankless heater plate or heater cover plate.

STANDARD EQUIPMENT

Limited Lifetime Warranty on Boiler Sections

Factory Water-Tested

Factory Assembled Cast Iron Sections with the following parts installed

Tankless Heater (P units) or Heater Opening Cover Plate (B & A units)

Insulated Steel Jacket with Cap*

Aluminized Steel Flue Collector Hood with Flue Cap on Top Outlet

Swing-Away Burner Mounting Door

Refractory Blanket and Target Wall in Combustion Area

*Jacket and collector hood not assembled on 7, 8 and 9 section blocks

Circulator (Taco 007, B&G NRF-22 or Grundfos UP15) - P units only - wired but not installed

High Efficiency Flame Retention Oil Burner

(Weil-McLain QB, Beckett AFG or Carlin EZ) - P and B units only

High-Low Limit Control with Circulator Relay - P units only

High Limit Control with Circulator Relay - B and A units only*

*High-Low limit furnished when heater is ordered.

In the interest of continual improvement in products and performance, Weil-McLain reserves the right to change specifications without notice.

Electrical Junction Box with Wiring Harnesses

Service Switch and Junction Box Cover Plate

Built-in Air Separator

Two Vent Pipe Brackets

Combination Pressure-Temperature Gauge

30 P.S.I. ASME Relief Valve

(boiler sections tested for 50 P.S.I. working pressure)

Drain Valve

Balanced Draft Damper

ADDITIONAL EQUIPMENT

Weil-McLain 5-Year Homeowner Protection Plan

Weil-McLain Indirect-Fired Water Heaters

Tankless Heaters and Controls

Circulators - Taco 110 and B&G 100

Two-Stage Fuel Unit



WEIL-McLAIN
A United Dominion Company

Weil-McLain
500 Blaine Street
Michigan City, IN 46360-2388

DETAILED REPORT FOR ENTIRE HOUSE

Prepared For:

JOE PAWLOWICZ

1654 HARVARD

BRICK , NJ 08731

Prepared By:

DAVE LONG

LONG'S A/C AND HEATING

Job Name: PAWLOWICZ

EXPOSURE

GLASS	NORTH	NE/NW	EAST	SOUTH	SE/SW	WEST	HORZ.	TOTAL
AREA :	01	01	681	121	01	951	01	1751
COOLING :	01	01	2,9851	2951	01	4,1441	01	7,4241
HEATING :	01	01	3,0091	5311	01	4,2481	01	7,7881

BELOW

WALLS	NORTH	NE/NW	EAST	SOUTH	SE/SW	WEST	GRADE	TOTAL
AREA	1	2701	01	2631	2841	01	2561	01 1,0731
COOLING	1	3541	01	3441	3721	01	3351	01 1,4051
HEATING	1	1,1241	01	1,0951	1,1821	01	1,0651	01 4,4861

DOORS	NORTH	NE/NW	EAST	SOUTH	SE/SW	WEST	TOTAL
AREA	1	181	01	211	01	01	01 391
COOLING	1	811	01	941	01	01	01 1751
HEATING	1	2571	01	2991	01	01	01 5561

FLOOR	AREA	COOLING	HEATING
	1372	1	607 1 3,036

CEILING	AREA	COOLING	HEATING
	1372	1	649 1 3,246

MISCELLANEOUS COOLING LOADS

People Sensible Load	900	Latent Load	5,125
Lights & Appl. Load	1,707	Latent Safety Btuh	1,025
Ventilation Load	2,750		
Duct Heat Gain	2,476		
Infiltration Load	891		
Sensible Safety Btuh	3,302		
TOTAL SENSIBLE LOAD	22,286	TOTAL LATENT LOAD	6,151

Air Changes/Hour

0.50

Temp. Swing Mult.

0.75

*** Total Cooling Load 28,437 BTUH Or 2.37 Tons ***

Adjusted Cooling Load 21,327 Btuh Or 1.78 Tons

MISCELLANEOUS HEATING LOADS

Infiltration Load	6,685	Ventilation Load	10,313
Duct Heat Loss	6,496	Safety Btuh	7,218

*** Total Heating Load 49,803 BTUH ***



CHIMNEY CERTIFICATION
FOR REPLACEMENT OF FUEL FIRED EQUIPMENT

BLOCK 831 LOT 1.01 PERMIT # _____
WORK SITE ADDRESS 1654 Harvard Ave BACK NJ
Applicant LONGS A/C
Certifying Individual Bruce Alexander Agent Company LONGS A/C
Address 583 Fischer Blvd TOMS River NJ 08753
Tel. _____ City _____ State _____ Zip Code _____

Check the Appropriate Box

Type of Replacement:

- ☐ Oil to Gas Conversion
☐ Gas Appliance Replacement
☒ Oil to Oil Replacement
☐ Other _____

Existing Vent/Chimney:

- ☐ B Label Vent
☒ L Label Vent
☐ Masonry Chimney — Tile Lined
☐ Flexible Liner
☐ Power Vent/Exhauster
☐ Other _____

PLEASE SIGN ONE OF THE FOLLOWING CERTIFICATION STATEMENTS
CERTIFICATION

For Oil to Gas Conversions:

I hereby certify that the chimney/vent is free and clear of obstruction and is substantially clean of residue from its previous use serving an oil appliance. I further certify that the chimney/vent is appropriately lined and sized for the appliance being installed.

Signature _____

Date _____

Oil to Oil or Gas to Gas Replacements:

I hereby certify that the existing chimney/vent is free and clear of obstruction. I further certify that the existing chimney/vent is appropriately lined and sized for the appliance being installed.

Signature _____

Date 10-23-97

Certification Not Submitted:

I choose not to submit a certification. I understand that I will be required to be present for the inspection to remove and reinstall the chimney vent connector.

Signature _____

Date _____

Direct Vent Appliance:

No certification required:

Signature _____

Date _____

THIS FORM MUST BE RETURNED TO THE CODE ENFORCEMENT OFFICE PRIOR TO FINAL INSPECTION.