

Brick

Permit Without a Jacket

Permit Number B-4982

March 17, 1980

Owner Winding River Inc.Location 549 Rhode Island AvenueHollywood ManorBlock 1393-20 Lot 1-5Contractor SameFee \$ \$216.66Use DwellingC/O 1635A
7-17-80

VIOLATIONS

BUILDING SUB-CODE INSPECTIONS

Footing Trench

Slab 4-14-80 J/K

Foundation

Sheathing 4-28-80 J/KFraming 4-28-80 J/KInsulation 5-25-80 J/KSheet Rock 5-25-80 J/KFinal 7-17-80 J/K

Attn: 5-22-80

7-17-80 J/K

FIRE SUB-CODE

ELECTRICAL SUB-CODE

PLUMBING SUB-CODE INSPECTIONS

Slab 4-11-80 JRSRough 5-2-80 JRS

Septic/Sewer

Water

Final 7/18/80 JRSC.O. Issued 7/18/80 JRS

Use reverse side for additional remarks

Certificate of Occupancy

Name Winding River, Inc.

THIS IS TO CERTIFY that the building erected at 549 Rhode Island Ave.
Lot No. 1-5 Block No. 1393-20 in Brick Township, under Permit No. A-4982
issued March 17, 1980, has been inspected and approved in
accordance with the Zoning and Building Ordinances of the Township of Brick.

Use Group R-3

Maximum Live Load _____

Fire Grading 1 hour

Occupancy Load _____

By the issuance of this certificate, neither the Township nor any of its officers or
employees assumes any liability, either express or implied, in connection therewith.

Donald A. Mital
CONSTRUCTION OFFICIAL

No 1635 A

Date July 17, 1980

called
3/11/80
free ok

STATE # 02105

K. Callow
3-17-80

RECEIVED

CONSTRUCTION PERMIT APPLICATION
BRICK TOWNSHIP, NEW JERSEY

MAR 5 1980

IMPORTANT — Complete ALL items. Mark boxes where applicable

BUILDING

I. LOCATION OF BUILDING	Number and street	Section	Lot	Block
	549 RHODE ISLAND AVE Hollywood Manor	N S	1-5	1393-20
	N S	N S		
	E W side of feet E W from intersection of (Other local geographic, political, or legal subdivision identification)			

II. TYPE AND COST OF BUILDING — All applicants complete Parts A - D

A. TYPE OF IMPROVEMENT 1 ☒ New buildings 2 ☐ Addition (If residential, enter number of new housing units added, if any, in Part D, 13) 3 ☐ Alteration (See 2 above) 4 ☐ Repair, replacement 5 ☐ Demolition 6 ☐ Moving (relocation) 7 ☐ Garage ☐ Swim Pool ☐ in ☐ out ☐ Fence	D. PROPOSED USE — For "Wrecking" most recent use Residential 12 ☒ One family 13 ☐ Two or more family — Enter number of units 14 ☐ Transient hotel, motel, or dormitory — Enter number of units 15 ☐ Garage 16 ☐ Carport 17 ☐ Other — Specify Nonresidential 18 ☐ Amusement, recreational 19 ☐ Church, other religious 20 ☐ Industrial 21 ☐ Parking garage 22 ☐ Service station, repair garage 23 ☐ Hospital, institutional 24 ☐ Office, bank, professional 25 ☐ Public utility 26 ☐ School, library, other educational 27 ☐ Stores, mercantile 28 ☐ Tanks, towers 29 ☐ Other - Specify
B. OWNERSHIP 8 ☒ Private (individual, corporation, nonprofit institution, etc.) 9 ☐ Public (Federal, State, or local government)	

C. COST 10. Cost of Improvement 48,784.50 To be installed but not included in the above cost a. Electrical (# Fixtures, Outlets) 1000 b. Plumbing (# of Fixtures) 1000 c. Heating, air conditioning 1000 d. Other (elevator, etc.) 11. TOTAL COST OF IMPROVEMENT \$ 22,000	(Omit cents) \$ 19,000 1000 1000 1000 \$ 22,000	Nonresidential — Describe in detail proposed use of buildings, e.g., food processing plant, machine shop, laundry building at hospital, elementary school, secondary school, college, parochial school, parking garage for department store, rental office building, office building at industrial plant. If use of existing building is being changed, enter proposed use.
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III. SELECTED CHARACTERISTICS OF BUILDING —

For new buildings and additions, complete Parts E - I; for wrecking, complete only Part H, for all others skip to IV.

E. PRINCIPAL TYPE OF FRAME ☐ Masonry (wall bearing) ☒ Wood frame ☐ Structural steel ☐ Reinforced concrete ☐ Other - Specify	H. DIMENSIONS Number of stories 2 Total square feet of floor area, all floors, based on exterior dimensions 1510 Total land area, sq. ft. 10,000	FEE COMPUTATIONS VOLUME OF BUILDING 15953 BUILDING SUB CODE 111.67 ELECTRICAL CODE PLUMBING CODE 50 PLAN REVIEW 16.17 CERTIFICATE OF OCCUPANCY 24.25 STATE TRAINING FUND 9.57 CONSTRUCTION PERMIT FEE 211.66
F. TYPE OF HEATING SYSTEM Specify GAS FHA Air Cond. Yes ☐ No ☒	I. RESIDENTIAL BUILDING ONLY Number of bedrooms 3 Number of bathrooms { Full 1 Partial 1	
G. TYPE OF SEWERAGE DISPOSAL ☒ Public ☐ Individual		

3-17-80

SEE REVERSE

A-4982

216.66

SUB CONTRACTORS				
NAME	TRADE	ADDRESS	ZIP CODE	PHONE #
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				

PERSON TO BE IN CHARGE OF CONSTRUCTION

NAME

ADDRESS

IV. IDENTIFICATION — To be completed by all applicants

	Name	Mailing address — Number, street, city, and State	ZIP code	Tel. No.
1. Owner Agent				
2. Contractor				
3. Architects				

The owner of this building and the undersigned agree to conform to all applicable laws of Township of Brick and that all required state, county and local prior approvals have been given.

Signature of applicant

Address

Application date

DO NOT WRITE IN THIS SPACE — FOR OFFICE USE ONLY

Approved by

Date permit issued

Permit Number

I agree to construct said building in conformity with the plans and specifications filed with the Construction Official and in compliance with the provisions of the Building Code whether shown on plans or not.

Brick Township Construction Permit Application for Plumbing

1 LOCATION

NUMBER and STREET	SECTION	LOT	BLOCK
549 Rhode Island	Hollywood Mn.	1-5	1393-20

PROPOSED USE

2 TYPE of IMPROVEMENT ☒ NEW BUILDING ☐ ALTERATION ☐ ADDITIONAL FIXTURES

☐ WELL ☐ SEPTIC ☒ SEWER (B.T.M.U.A.) ☒ WATER (B.T.M.U.A.)

3 PLUMBING FIXTURES

	NUMBER OF	FEE
1 WATER CLOSET	2	10
2 LAVATORIES	2	10
3 BATH TUB	1	5
4 SHOWER STALL or DRAIN		
5 KITCHEN SINK	1	5
6 SLOP SINK		
7 LAUNDRY TRAY		
8 DISHWASHER		
9 WASHING MACHINE	1	5
10 URINALS		
11 FLOOR DRAIN		
12 DRINKING FOUNTAIN		
13 FOOD WASTE GRINDER		
14 SEWER PUMP or EJECTOR		
15 GREASE TRAP		
16 OIL SAND SEPARATOR		
17 AIR CONDITIONER REFRIGERATOR WATER COOLED		
18 HOT WATER HEATER ☐ OIL ☒ GAS ☐ ELECTRIC	1	5
19 DENTAL UNIT		
20 LAWN SPRINKLERS NO. OF HEADS		
21 WELL (PRIVATE))		
22 WELL PUMP		
SEPTIC		
PLUMBING STACKS		10.00

4. MATERIAL SPECIFICATIONS

BUILDING SEWER 40 PVC
 WATER SERVICE 1/2" Plastic
 BUILDING DRAIN 40 PVC
 WASTE " "
 VENTS " "
 WATER PIPE M-Copper

5. INSPECTIONS

	DATE	INSPECTOR
SLAB		
ROUGH		
WATER		
SEWER		
FINAL		

6. COMMENTS

No Dishwasher

PLUMBER Les Gous

LICENSE 3092

PLUMBING FEE \$ 50 PERMIT #

DM 3/10/80

SUB CONTRACTORS				
NAME	TRADE	ADDRESS	ZIP CODE	PHONE #
1. J. SAVAGE	MASON	Lakewood		3648335
2. M. JABLONSKI	CARPENTRY	J. BARNSWICK		2970361
3. LESGRO INC	PLUMBS	Toms River		349 0500
4. P. NEMIC	HEATING	—		7391333
5. H. SHAPIRO	ELECT.	—		2479167
6. B&K INC	ROCK	Ocean Twp		5316098
7. A WASZA	TRIM	—		6795945
8. B&K PAINTERS	PAINT	—		9384374

PERSON TO BE IN CHARGE OF CONSTRUCTION

NAME VINCENT GIALANELLA

ADDRESS 909 CEDARBRIDGE AVE BRICKTOWN NJ

IV. IDENTIFICATION — To be completed by all applicants

Name	Mailing address — Number, street, city, and State	ZIP code	Tel. No.
1. Owner Agent WINDING RIVER INC	909 CEDARBRIDGE AVE BRICKTOWN NJ		477 - 2300
2. Contractor Same	Same		
3. Architects M. DAVIS	LAKEWOOD NJ		367 - 1100

The owner of this building and the undersigned agree to conform to all applicable laws of Township of Brick and that all required state, county and local prior approvals have been given.

Signature of applicant *[Signature]* Address 909 Cedarbridge Ave Application date 3/4/80

DO NOT WRITE IN THIS SPACE — FOR OFFICE USE ONLY

Approved by Joseph Kelemen Date permit issued 3/17/80 Permit Number A 4982

I agree to construct said building in conformity with the plans and specifications filed with the Construction Official and in compliance with the provisions of the Building Code whether shown on plans or not.



B.T.
OCEAN COUNTY ELECTRICAL BUREAU

COURT HOUSE
TOMS RIVER, NEW JERSEY
FOR MUNICIPAL RECORDS

GENTLEMEN: *1393-20*
1-5

PREMISES OWNED BY *Winding River Assoc.*

OCCUPIED BY _____

LOCATION *549 Rhode Island St.*

"Installation in the above premises has been inspected and is in accordance with the current edition of the National Electrical Code, Regulations and Orders of the Board of Public Utility Commissioners and requirements of the utility company as filed with the Board."

SERVICE *100 Amp* RANGE _____ HEATER _____

FIXTURES *14* RECEPTACLES *36* MISC. *Handwritten*

APPLICATION # *5696 B. Roche 24*

ELEC. 107

**THE BRICK TOWNSHIP
MUNICIPAL UTILITIES AUTHORITY**

1551 HIGHWAY 88 WEST
BRICKTOWN, NEW JERSEY 08723

CERTIFICATE OF COMPLIANCE

Date July 14, 1980

NAME Winding River, Inc.

ADDRESS 909 Cedarbridge Ave, Brick, NJ 08723

PROPERTY LOCATION 549 Rhode Island Ave

Account No. T305607-3-61 Block 1393-20 Lot 1-5

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

Helen Martineau

Brick Township Construction Permit Application for Plumbing

NUMBER and STREET	SECTION	LOT	BLOCK
549 Rhode Island	Hollywood MN.	1-5	1393-20

1. LOCATION

PROPOSED USE

2. TYPE of IMPROVEMENT ☒ NEW BUILDING ☐ ALTERATION ☐ ADDITIONAL FIXTURES

☐ WELL ☐ SEPTIC ☒ SEWER (B.T.M.U.A.) ☒ WATER (B.T.M.U.A.)

3. PLUMBING FIXTURES

	NUMBER OF	FEE
1. WATER CLOSET	2	10
2. LAVATORIES	2	10
3. BATH TUB	1	5
4. SHOWER STALL or DRAIN		
5. KITCHEN SINK	1	5
6. SLOP SINK		
7. LAUNDRY TRAY		
8. DISHWASHER		
9. WASHING MACHINE	1	5
10. URINALS		
11. FLOOR DRAIN		
12. DRINKING FOUNTAIN		
13. FOOD WASTE GRINDER		
14. SEWER PUMP or EJECTOR		
15. GREASE TRAP		
16. OIL SAND SEPARATOR		
17. AIR CONDITIONER REFRIGERATOR WATER COOLED		
18. HOT WATER HEATER ☐ OIL ☒ GAS ☐ ELECTRIC	1	5
19. DENTAL UNIT		
20. LAWN SPRINKLERS NO. OF HEADS		
21. WELL (PRIVATE))		
22. WELL PUMP		
23. SEPTIC		
24. PLUMBING STACKS		10.00

4. MATERIAL SPECIFICATIONS

BUILDING SEWER 40 PVC
WATER SERVICE 160 PLASTIC
BUILDING DRAIN 40 PVC
WASTE " "
VENTS " "
WATER PIPE M-COPPER

5. INSPECTIONS

	DATE	INSPECTOR
SLAB	4/11/80	J.P.
ROUGH	5/2/80	J.P.
WATER		
SEWER		
FINAL	7/18/80	J.P.

6. COMMENTS

No Dishwasher 3/10/80
7/14/80 HANDLE ON SHUT-OFF
OUTSIDE HOSE BIB.
WATER HEATER VENT.
SPACKLE HOLDS AROUND CO.'S
ETC
J.D.S.

PLUMBER LesGus

LICENSE 3092

PLUMBING FEE \$ 50 PERMIT # A-4982

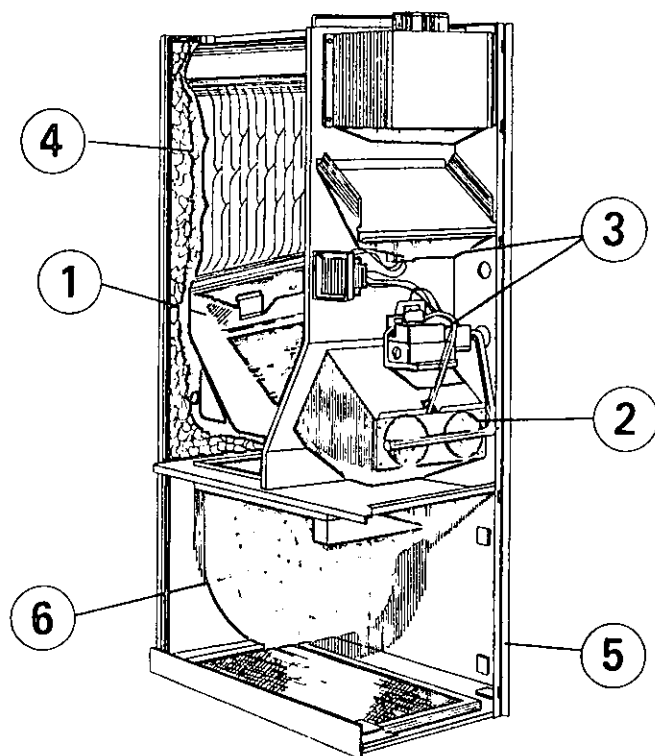
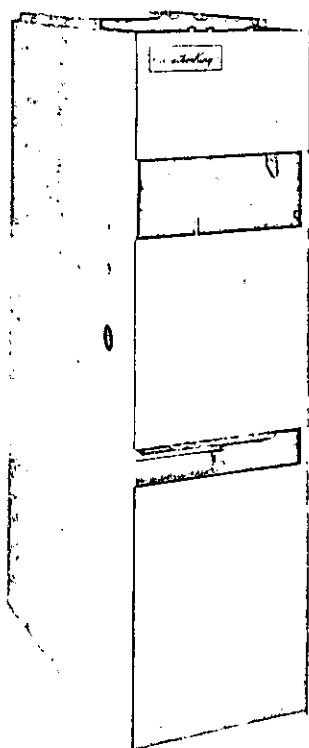
Done 3/10/80



Highboy Gas Furnaces

MODEL GU

- 1. LOWER FUEL CONSUMPTION.** The "waffle contour" heat exchanger creates and controls the rapid swirling of gases so that no "hot spots" occur, which can cause a failure. It also accomplishes a very high rate of heat transfer which can lower your fuel costs.
- 2. BURNERS** are made of aluminized steel for long life and efficient fuel utilization on natural or propane gas. Sheet metal enclosure eliminates rattles, insures proper burner alignment.
- 3. FULLY AUTOMATIC.** Quality controls are used and designed for long life, reliable operation, and minimum servicing. Air conditioning models include heavy duty transformer and blower relay as standard feature.
- 4. INSULATION.** A thick blanket of fiberglass and aluminum foil keeps the heat in the airstream where it belongs. It also helps to conserve fuel and acts as a good sound barrier.
- 5. APPLIANCE STYLING.** Cabinets are welded together to keep them strong and vibration-free. The exteriors are finished in two-tone beige and pastel green baked-on enamel. The draft diverters are fully enclosed which gives the furnace a smart, trim appliance-like look.
- 6. BALANCED AIR BLOWER.** Motor and blower are dynamically balanced and mounted for exceptionally quiet operation and accurate control of the air delivery.



HIGHBOY GAS FURNACES 50,000 to 175,000 Btuh

So compact — just 54" high — it readily fits into any utility room, basement, closet or alcove. Handsomely designed and color styled in two-tone beige and pastel green baked-on enamel. The extended flush jacket lets you install it right next to an appliance or cabinet — adds to the room decor. Fire tested for efficiency, sound tested for quiet operation, it complies with national safety requirements and the design is certified by the American Gas Association.

INSTALL CENTRAL AIR CONDITIONING WITH YOUR NEW FURNACE

It can be done at minimum cost at the same time a furnace is installed. Two lines of condensing units to choose from — standard and high efficiency CF Series. There is a model to fit your cooling requirements, match-mated to your heating system. Cooling capacities range from 24,000 to 62,000 Btuh (nominal 2 to 5 tons).

HIGHBOY DIRECT DRIVE UPFLOW FURNACES

Model Number	GU50F-D	GU50F-D2	GU80F-D	GU80F-D2	GU80F-D2.5
Input BTUH ¹	50,000	50,000	80,000	80,000	80,000
Bonnet Capacity BTUH ¹	40,000	40,000	64,000	64,000	64,000
Heat Connections (Speed Tap) ⁵	High	Low	Low	Low	Low
Heating CFM	415	680	725	780	805
Cooling CFM (at .5" E.S.P.)	—	800	—	830	1020
Nominal Tons Cooling	Heat	2	Heat	2	2½
Blower Size Nominal	9"	10"	9"	9"	10"
Blower Wheel Size, Dia. x W.	9 x 4	10 x 6	9 x 7	9 x 7	10 x 7
Motor H.P.	1/10 SHP	¼ SHP	⅜ SHP	¼ SHP	¼ SHP
Number of Speeds	1	3	2	3	3
Bottom Filters (Standard) ³	10 x 25	10 x 25	16 x 25	16 x 25	16 x 25
Gas Pipe Size (NAT.)	½	½	½	½	½
Gas Pipe Size (L.P.)	½	½	½	½	½
Approximate Shipping Weight	132	132	158	158	158
Optional Side Filter Rack ⁵	N.A.	N.A.	Z16A	Z16A	Z16A

All Dimensions in Inches.

HIGHBOY DIRECT DRIVE UPFLOW FURNACES

Model Number	GU80F-D3	GU100F-D	GU100F-D2.5	GU100F-D3	GU100F-WD4
Input BTUH ¹	80,000	100,000	100,000	100,000	100,000
Bonnet Capacity BTUH ¹	64,000	80,000	80,000	80,000	80,000
Heat Connections (Speed Tap) ⁵	Low	High	Med.	Med.	Low
Heating CFM	890	785	930	990	1315
Cooling CFM (at .5" E.S.P.)	1110	—	1020	1110	1745
Nominal Tons Cooling	3	Heat	2½	3	4
Blower Size Nominal	10"	9"	10"	—	11"
Blower Wheel Size, Dia. x W.	10 x 7	9 x 7	10 x 7	10 x 7	11 x 10
Motor H.P.	¼ PSC	⅜ SHP	¼ SHP	¼ PSC	¾ PSC
Number of Speeds	3	2	3	3	4
Bottom Filters (Standard) ³	16 x 25	16 x 25	16 x 25	16 x 25	20 x 25
Gas Pipe Size (NAT.)	½	½	½	½	½
Gas Pipe Size (L.P.)	½	½	½	½	½
Approximate Shipping Weight	158	161	161	161	222
Optional Side Filter Rack ⁶	Z16A	Z16A	Z16A	Z16A	Z28B

All Dimensions in Inches.

NOTES:

All furnaces are AGA certified for reduced clearances (1" plenum and sides, 0" back with 6" in front when used with type B1 vent) and for use on combustible base floor.

1. Ratings shown are for elevations up to 2,000 ft. above sea level; for elevations above 2,000 ft. reduce ratings by 4% per 1,000 ft. for each 1,000 ft. above sea level.

2. CFM capacities are not maximum available, but are the normal for heating applications.

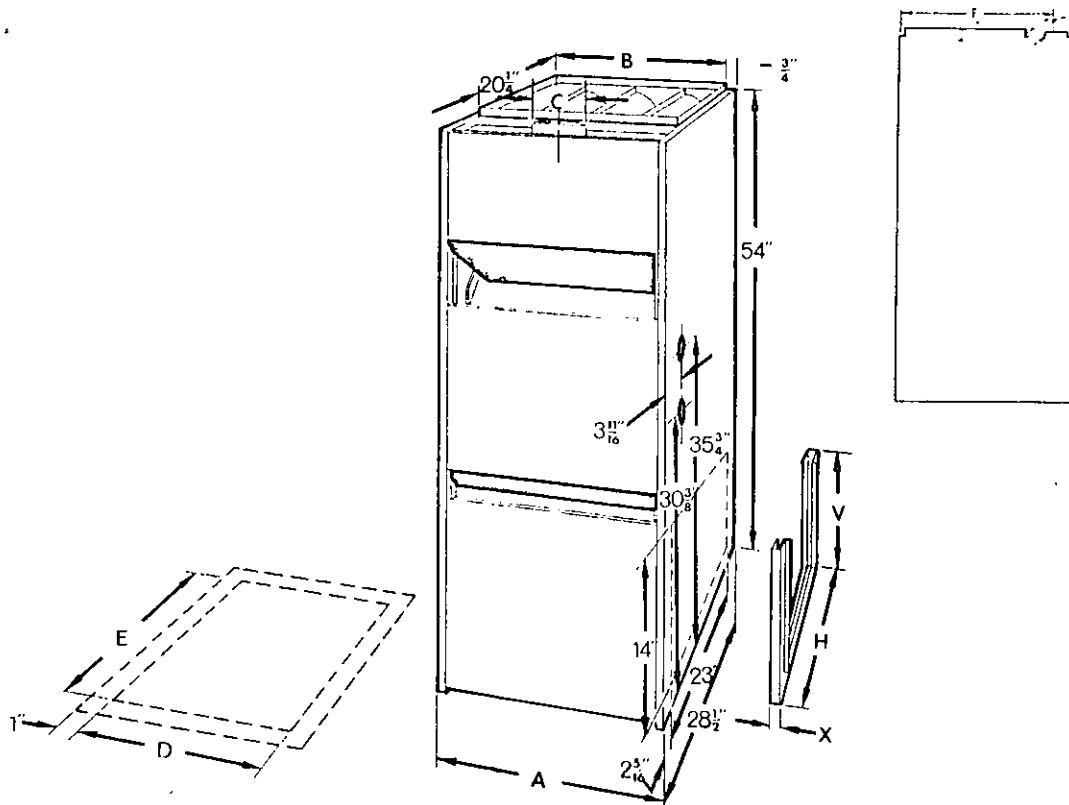
3. Internal side filter rack also standard on all GU80 models. Includes filter support and retaining spring.

4. All models also include 100% pilot safety, pilot filter, pilot valve, manual main shut off valve, transformer, aluminized steel burners and 10 year heat exchanger warranty.

5. Motor should not be connected to a lower speed tap than as indicated by heat connection speed tap.

6. Standard filter shipped with furnace does not fit optional side filter rack.

7. Cleanable type filter.



HIGHBOY DIMENSIONS

MODEL NUMBER		GU50F	GU80F	GU100F	GU100F -WD	GU125F	GU125F -WD	GU140F	GU150F -WD	GU175F -WD	GU175F -WD5
Casting Width	A	10 $\frac{1}{4}$ "	16 $\frac{1}{4}$ "	16 $\frac{1}{4}$ "	20 $\frac{1}{4}$ "	20 $\frac{1}{4}$ "	25 $\frac{1}{4}$ "	20 $\frac{1}{4}$ "	25 $\frac{1}{4}$ "	25 $\frac{1}{4}$ "	25 $\frac{1}{4}$ "
Plenum Width	B	8 $\frac{3}{4}$ "	14 $\frac{1}{4}$ "	14 $\frac{1}{4}$ "	18 $\frac{3}{4}$ "	18 $\frac{3}{4}$ "	23 $\frac{3}{4}$ "	18 $\frac{3}{4}$ "	23 $\frac{3}{4}$ "	23 $\frac{3}{4}$ "	23 $\frac{3}{4}$ "
Vent Size	C	4" Rd.	4" Rd.	5" Rd.	5" Rd.	5" Rd.	5" Rd.	6" Oval	6" Oval	6" Oval	6" Oval
Width Bottom Vent	D	8"	14"	14"	18"	18"	23"	18"	23"	23"	23"
Depth Bottom Inlet	E	23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "
Back to CL Vent	F	25 $\frac{3}{16}$ "	25 $\frac{3}{16}$ "	24 $\frac{7}{8}$ "	24 $\frac{7}{8}$ "	24 $\frac{7}{8}$ "	24 $\frac{7}{8}$ "	24 $\frac{7}{8}$ "	24 $\frac{7}{8}$ "	24 $\frac{7}{8}$ "	24 $\frac{7}{8}$ "
External Side Filter Frame Optional		N.A.	Z16A	Z16A	Z28B	Z28B	Z33B	Z28B	Z33B	Z33B	Z33B
Filter Size for Above Frame		16"x25"	16"x25"	16"x25"	(2) 14"x25"	(2) 14"x25"	(2) 16"x25"	(2) 14"x25"	(2) 16"x25"	(2) 16"x25"	(2) 16"x25"
Horizontal Duct Flange	H	23"	23"	23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "	26 $\frac{1}{2}$ "	26 $\frac{1}{2}$ "
Vertical Duct Flange	V	14 $\frac{1}{8}$ "	14 $\frac{1}{8}$ "	18 $\frac{1}{8}$ "	18 $\frac{1}{8}$ "	23 $\frac{3}{4}$ "	23 $\frac{3}{4}$ "	23 $\frac{3}{4}$ "	23 $\frac{3}{4}$ "	23 $\frac{1}{2}$ "	23 $\frac{1}{2}$ "
Extended From Furnace	X	1 $\frac{1}{4}$ "	1 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	2 $\frac{1}{4}$ "	3"	3"	3"	3"	6"	6"

*5" Round Vent must be used for Propane Models.

FURNACE PROPANE CONVERSION KITS

KIT NO.	7601-91	7601-92	7601-94	7601-95	7601-96
Used on	GU50F	GU80F	GU100F	GU125F	GU100FW
Furnace				GU140F	GU125FW
Models				GU150F	GU150FW
					GU175FW



ADDISON PRODUCTS COMPANY

ADDISON PRODUCTS CO.
P.O. Box 100
Addison, Michigan 49220
(517) 547-6131

DEARBORN STOVE CO. DIV.
P.O. Box 28426
Dallas, Texas 75228
(214) 278-6161

WEATHERKING, INC.
P.O. Box 20434
Orlando, Florida 32814
(305) 894-2891

HIGHBOY DIRECT DRIVE UPFLOW FURNACES

Model Number	GU125F-D	GU125F-D3	GU125F-D4	GU125F-WD5	GU140F-D
Input BTUH ¹	125,000	125,000	125,000	125,000	140,000
Bonnet Capacity BTUH ¹	100,000	100,000	100,000	108,000	112,000
Heat Connections (Speed Tap) ⁵	High	Med.	Low	Low	High
Heating CFM	1320	1100	1315	1290	1320
Cooling CFM @ .5" E.S.P.	—	1280	1745	2020	—
Nominal Tons Cooling	Heat	3	4	5	Heat
Blower Size Nominal	10"	10"	11"	11"	10"
Blower Wheel Size, Dia. x W.	10 x 9	10 x 9	11 x 10	11 x 10	10 x 9
Motor H.P.	¼ SHP	¼ PSC	¾ PSC	¾ PSC	¼ SHP
Number of Speeds	3	3	4	4	3
Bottom Filters (Standard) ³	20 x 25	20 x 25	20 x 25	25 x 25	20 x 25 ⁷
Gas Pipe Size (NAT.)	½	½	½	½	½
Gas Pipe Size (L.P.)	½	½	½	½	½
Approximate Shipping Weight	198	198	198	240	250
Optional Side Filter Rack ⁶	Z28B	Z28B	Z28B	Z33B	Z28B

⁷Cleanable Type Air Filter

All Dimensions in Inches.

HIGHBOY DIRECT DRIVE UPFLOW FURNACES

Model Number	GU140F-D3	GU140F-D4	GU150F-WD5	GU175F-WD	GU175F-WD5
Input BTUH ¹	140,000	140,000	150,000	175,000	175,000
Bonnet Capacity BTUH ¹	112,000	112,000	120,000	140,000	140,000
Heat Connections (Speed Tap) ⁵	High	Low	Low	Med. High	Med. Low
Heating CFM	1280	1315	1310	1550	1580
Cooling CFM @ .5" E.S.P.	1280	1750	1970	—	1970
Nominal Tons Cooling	3	4	5	Heat	5
Blower Size Nominal	10"	11"	11"	10"	11"
Blower Wheel Size, Dia. x W.	10 x 9	11 x 10	11 x 10	10 x 9	11 x 10
Motor H.P.	¾ PSC	¾ PSC	¾ PSC	¾ PSC	¾ PSC
Number of Speeds	3	4	4	4	4
Bottom Filters (Standard) ³	20 x 25 ⁷	20 x 25 ⁷	25 x 25 ⁷	25 x 25 ⁷	25 x 25 ⁷
Gas Pipe Size (NAT.)	½	½	¾	¾	¾
Gas Pipe Size (L.P.)	½	½	½	½	½
Approximate Shipping Weight	250	250	272	281	282
Optional Side Filter Rack ⁶	Z28B	Z28B	Z33B	Z33B	Z33B

⁷Cleanable Type Air Filter

All Dimensions in Inches.

COMBINED GROSS WALL THERMAL TRANSMITTANCE VALUE (U_o) CALCULATIONS

<u>Wall Component</u>	<u>Area</u>	<u>Resistance</u>	<u>A/R</u>
Glass <u>single glaz. above</u>	<u>127</u>	<u>.88</u>	<u>144.31</u>
Glass <u>patio door above</u>	<u>42</u>	<u>.88</u>	<u>47.73</u>
Glass _____	_____	_____	_____
Door <u>solid core wood</u>	<u>42</u>	<u>2.17</u>	<u>19.35</u>
Door _____	_____	_____	_____
Wall <u>exterior siding</u>	<u>276.80</u>	<u>13.60</u>	<u>20.35</u>
Framing _____	<u>48.84</u>	<u>6.95</u>	<u>7.027</u>
Wall <u>asbestos siding</u>	<u>634.33</u>	<u>13.19</u>	<u>63.25</u>
Framing _____	<u>147.23</u>	<u>6.54</u>	<u>22.51</u>
Wall <u>garage partition</u>	<u>185.00</u>	<u>13.26</u>	<u>13.95</u>
Framing _____	<u>22.64</u>	<u>6.41</u>	<u>4.94</u>
Header or Rim Joist _____	<u>103.95</u>	<u>10.2</u>	<u>10.144</u>
Exposed Basement Wall <u>block</u>	<u>56.60</u>	<u>6.89</u>	<u>12.58</u>
Exposed Basement Wall _____	_____	_____	_____
Basement Glass <u>none</u>	_____	_____	_____
Basement Glass _____	_____	_____	_____
Totals	<u>1926.48</u>		<u>384.63</u>

$$U_o \text{ Wall} = \frac{A/R}{A} = \frac{384.63}{1926.48} = .199 \text{ BTU/h-ft}^2\text{-op}$$

$$U_o \text{ Wall Code Limit} = 0.23$$

☒ Meets Code

☐ Does not meet Code

Doc Hunt

760108
Comm 76008

A
Gross Area

Total A/R

Code Limit

A x U_o
Limit

Wall	19.26.48	354.63	0.23	443.09
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Non-Cathedral Roof/Ceiling	676	37.76	0.05	33.8
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Cathedral				
Roof/Ceiling			0.08	

Floor	48	2.534	0.08	3.54
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(1) Grand Total $\frac{4.24 \cdot 1.2}{\text{BTU/H} \times \text{°F}}$

(2) Total $\frac{430.73}{\text{BTU/H} \times ^\circ\text{F}}$



Meets Code



Does Not Meet Code

If the grand total (1) of the wall, roof/ceiling and floor A/R values is equal to or less than the total (2) of the A x U_o Code Limits for the wall, roof/ceiling and floor, the Total Envelope meets the Code, even though the wall, roof/ceiling or floor may not.

If the total envelope calculation indicates that the desired construction does not meet code requirements, make changes in the structure to add insulation, reduce glass areas or use insulating glass as required to meet the code requirements.

Comm. 7601
O. f. a. v.

COMBINED GROSS FLOOR THERMAL TRANSMITTANCE VALUE (U_o) CALCULATIONS

<u>Floor Component</u>	<u>Area</u>	<u>Resistance</u>	<u>A/R</u>
Floor _____	<u>47</u>	<u>21.99</u>	<u>2.13</u>
Framing _____	<u>5</u>	<u>12.37</u>	<u>.404</u>
Totals	<u>48</u>		<u>2.534</u>

$$U_o \text{ Floor} = \frac{A/R}{A} = \frac{2.534}{48} = .0528 \text{ BTU/h-ft}^2\text{-}^\circ\text{F}$$

$$U_o \text{ Floor Code Limit} = \underline{0.08}$$



Meets Code



Does Not Meet Code

COMBINED GROSS ROOF/CEILING THERMAL TRANSMITTANCE VALUE (U_o) CALCULATIONS

<u>Roof/Ceiling Component</u>	<u>Area</u>	<u>Resistance</u>	<u>A/R</u>
Non-Cathedral Roof/Ceiling	668	20.67	29.41
Framing	68	8.55	7.95
Cathedral Roof/Ceiling			
Totals	676		37.36

$$U_o \text{ Roof} = \frac{A/R}{A} = \frac{37.36}{676} = .055 \text{ BTU/h-ft}^2\text{-of}$$

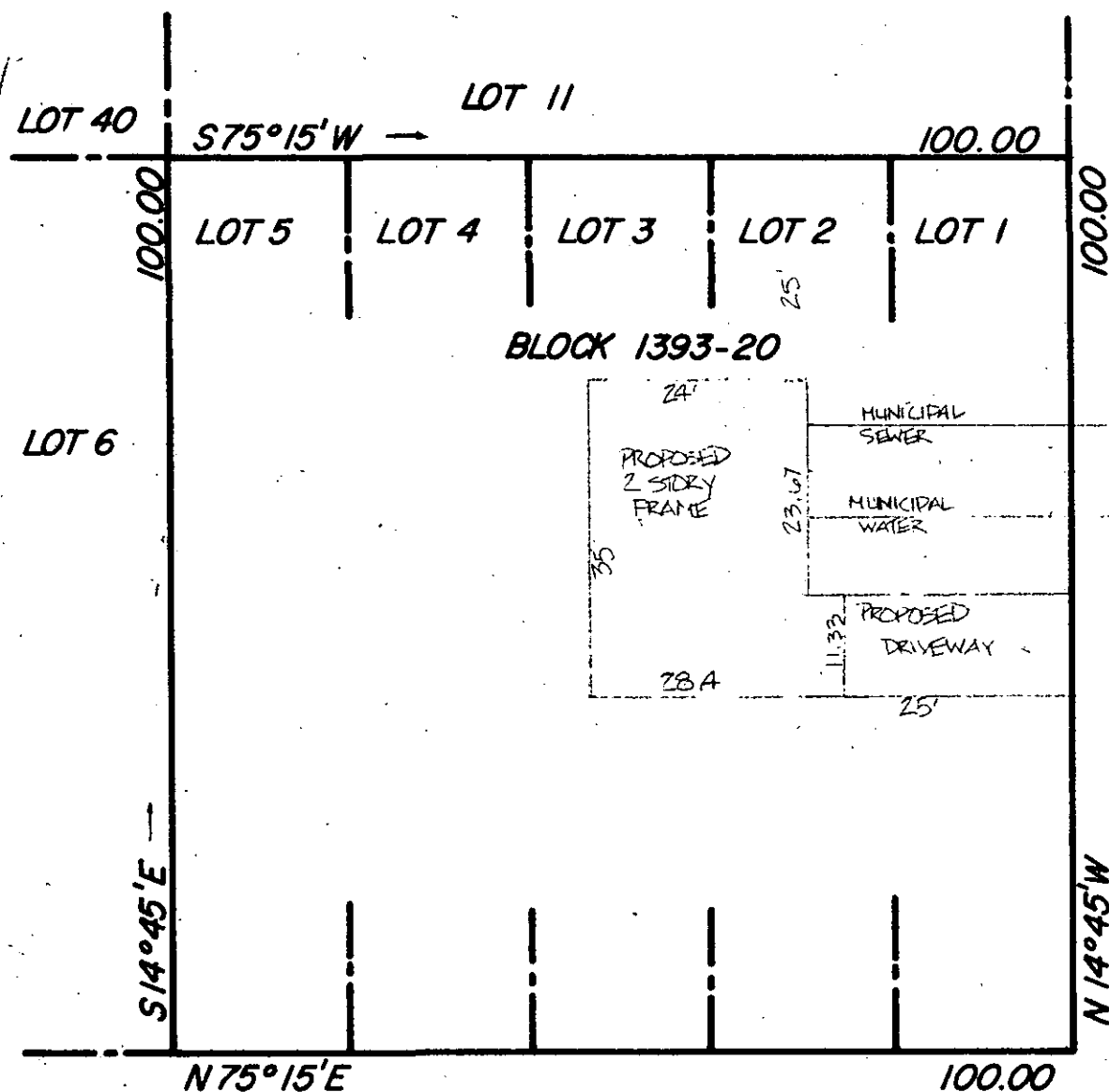
$$U_o \text{ Roof Code Limit} = 0.05^*$$

☐ Meets Code

☒ Does Not Meet Code

*0.08 for the cathedral portion of the roof.

Comm 760108



RHODE ISLAND AVE.

LANES MILL ROAD
(WASHINGTON BLVD.)

Alexander George

ZONING OFFICER

3/7/80
Date

NOTE: MUNICIPAL SEWER AND WATER AVAILABLE.

This survey is certified to :

This certification is made only to above named parties for purchase and/or mortgage of herein delineated property by above named purchaser. No responsibility or liability is assumed by Surveyor for use of survey for any other purpose including, but not limited to, use of survey for survey affidavit, resale of property, or to any other person not listed in certification, either directly or indirectly.

NAL NILOYSKY, License no. 10363

Survey of Property for
Situatid in BRICK TOWN.
Prepared by

BRICK TOWNSHIP, OCEAN COUNTY, NEW JERSEY

Hal Milovsky, P.A.

Professional Engineer & Land Surveyor
419 First Street, Lakewood, New Jersey
201-367-1144

Scale 1" = 20'
Date 2/26/80
File no. 80-2354