

BLOCK 671 LOT 8 ADDRESS (SITE) RT 70 & Chambers Bridge PERMIT NO. 480-97

RECEIVED

FEB 14 1997

ZNA

COMMERCIAL CONSTRUCTION PERMIT APPLICATION

DIV. CONSTRUCTION

Applicant Completes: Sections I, II, III (optional), IV, V and VI

I. IDENTIFICATION

- Proposed Work-site at: SPACE 15, 16 BRICK PLAZA
- Name of Owner in Fee: FEDERAL REALTY Tel. (215) 657-8740
Address 122C PARK AVE WILLOW GROVE PA 19090
street municipality zip code
- Ownership in Fee: Public X Private
- Principal Contractor: MIKO CONSTRUCTION Tel. (908) 920-1800
Address 270 DRUMPOINT RD BRICK NJ
License No. OR, if new home, Builder Reg. No. 05637 Exp. Date
Federal Emp. No. 22-2638013 Social Security No.
- Architect or Engineer EDWARD WROBLESKI Tel. (215) 296-3925
Address 27 OAK HILL CIE. MAINGEN PA 19355
- Responsible Person in Charge of Work DONALD MILLER Tel. (908) 920-1800

V. FEE SUMMARY (for office use only)

		Update	Update
Building	\$ <u>1135</u>		
Electrical			
Plumbing	<u>80</u>		
Fire Protection	<u>70</u>		
5. Elevator Devices			
6. Subtotal	\$ <u>1285</u>		
7. Less 20% for State Plan Review			
8. Subtotal	\$ <u> </u>		
9. DCA Training Fee	<u>38</u>		
10. Subtotal	\$ <u> </u>		
11. Cert. of Occupancy			
12. Other			
13. TOTAL	\$ <u>1323</u>		

VI. BUILDING/SITE CHARACTERISTICS

	(office use only)
1. Number of Stories	
2. Height of Structure	ft.
3. Area—Largest Floor	sq. ft.
4. New Building Area	sq. ft.
5. Volume of New Structure	cu. ft.
6. Construction Classification	
7. Total Land Area Disturbed	sq. ft.
8. Flood Hazard Zone	
9. Base Flood Elevation	ft.
10. Wetlands yes	sq. ft.
no	
11. Max. Live Load	
12. Max. Occupancy Load	

II. PROPOSED WORK

- ☐ Minor work (single trade)
- ☐ Small Job (\$5,000 and no prior approvals)
- ☐ New Building
- ☐ Addition
- ☒ Alteration
- ☐ Fire Protection
- ☒ Plumbing
- ☒ Electrical
- ☐ Elevator Devices
- ☐ Asbestos Abatement
- ☒ Demolition

Est. Cost

4500

6000

2400

48,000

TOTAL COSTS

OPTIONAL (for office use only)

Plans Rec'd By	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
<u>JD</u>			<u>2-18-97</u>	<u>JD</u>	<u>5/6/97</u>		<u>JD</u>
			<u>3/14/97</u>	<u>JD</u>	<u>7/13/97</u>		<u>JD</u>
			<u>3-18-97</u>	<u>JD</u>			
			<u>5/14/97</u>	<u>JD</u>			

III. DO YOU WANT: (optional) 1 ☐ Partial Releases 2 ☐ Prototype Processing

IV. DOES OR WILL YOUR BUILDING CONTAIN ANY OF THE FOLLOWING?

- ☐ Elevators/Escalators/Lifts/Dumbwaiters/Moving Walks
- ☐ High Pressure Boilers
- ☐ Pressure Vessels
- ☐ Refrigeration Systems
- ☐ Cross-Connections/Backflow Preventers
- ☐ Hazardous Uses/Places of Assembly
- ☐ Sprinklers
- ☐ Smoke Control Systems in Open Wells
- ☐ Underground Storage Tanks

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL

- ☐ Hotels (R-1)
- ☐ Multi-Family (R-2)
- ☐ Two-Family (R-3) BOCA
- ☐ Two-Family (R-4) CABO
- ☐ One-Family (R-3) BOCA
- ☐ 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: Retail

3. Change in Use Group:

Indicate Former: B

LDS BR 10404675

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 New Jersey 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 Mileo Construction

Address 270 Drum Point Rd.
BRICK N.J.

Telephone (908) 920-1890

Signature [Signature] Date 2/11/97

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									
☐ Fire Department									
☐ Police Department									
☐ Health Department									
☐ Soil Conservation									
☐ N.J. Dept. of Community Affairs									
☐ N.J. Department of Transportation									
☐ N.J. Dept. of Environmental Protection									
☐ Utility Dig No.									
☐									
☐									

ICABLE (office use only—optional)

IX. SUBCODES AND SPECIAL REGULATIONS APPLICABLE		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

☐ Temporary Certificate of Compliance

☐ Continued Certificate of Occupancy

☐ Certificate of Compliance

☐ Certificate of Occupancy

☐ Certificate of Approval

No. _____

No. _____

No. _____

No. _____

No. _____

No. _____

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

IDENTIFICATION

UCC NEW JERSEY
CERTIFICATE

Date Issued 02/22/2001
Control #
Permit # 97-480

Link completed 5/14/97

Block 671 Lot 8 Qual
Work Site Location SPACE 15, 16 CEDARBRIDGE AVE/RTE 70
Owner in Fee/Occupant INTERIOR CLEANOUT
Address 122C FARL AVE
WILLOW GROVE, PA 19090-
Telephone () -
Contractor MILCO CONSTRUCTION
Address 270DROM PT RD
BRICK, NJ 08723-
Telephone () Fax ()
Lic. No. or Bldrs. Reg. No. 55637
Federal Emp. No. 22-2638013

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

INTERIOR CLEANOUT
SPACE 15 & 16 NO TENANT GIVEN

[] 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

[X] 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. F256 (rev. 3/96)

Fee \$ 0
Paid [X] Check No. 3156
Collected by: TL



CONSTRUCTION PERMIT

Date Issued
Control #
Permit #

3-14-97
480-97

IDENTIFICATION Block 6511 Lot 8

Work Site Location Plot 15-16 Brick Plaza

Contractor Milen Construction

Owner in Fee Federal Realty

Address 1225 Park Ave

Address _____

Tele. (212) 657-8740

Tele. (_____) _____

Lic. No. or Bldrs. Reg. No. _____ Exp. Date _____

Federal Emp. No. 222638013

or Social Security No. _____

is hereby granted permission to perform the following work:

☒ BUILDING ☒ PLUMBING ☐ OTHER _____

☐ ELECTRICAL ☐ FIRE PROTECTION

☐ ELEVATOR DEVICES

DESCRIPTION OF WORK: interior cleanup

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 \$ 48,000

U.C.C. Form F-170C

CONSTRUCTION OFFICIAL

PAYMENTS (Office Use Only)

Building 1135

Plumbing 80

Electrical _____

Fire Protection 70

Other _____

Other _____

DCA Training Fee 38

Cert. of Occ. _____

Other _____

Total 1323

Check No. 3156

Cash _____

Collected By: gsl



**PLUMBING
SUBCODE
TECHNICAL SECTION**



Date Received
Date Issued
Control #
Permit #

3-14-97
480-97

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

Block 671 Lot 8
Work Site Location Space 15,16 Brick Plaza
RT 70 & Chambers Bridge Rd
Owner in Fee Federal Realty
Address 1228 PARK AVE PA 19090
Telephone 657-8740
Contractor Jeasey Coast Mech
Address 130 ST Lawrence C Blvd
Telephone 908 477-6007
Lic. No. 8798
Federal Emp. No. 223969044 or Social Security No. _____

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 \$ 2380

JOB SUMMARY (Office Use Only)

PLAN REVIEW:		INSPECTIONS	
Type:	Dates (Month/Day)	Initial	
☐ No Plans Required	Slab		
☐ Joint Plan Review Required:	Rough		
☐ Bldg. ☐ Elec.	Water	<u>4-11-97</u>	<u>APC</u>
☐ Fire ☐ Elevator	Sewer	<u>3-29-97</u>	<u>APC</u>
☒ Plumb. Plans Approved	Fixtures	<u>4-28-97</u>	<u>APC</u>
Date: <u>3-12-97</u>	Gas Equipment	<u>4-30-97</u>	<u>APC</u>
Approved by: <u>APC</u>	Gas Piping	<u>4-11-97</u>	<u>APC</u>
	Solar		
SUBCODE APPROVAL:	TCO		
☒ CO ☐ CA	<u>Nata HTR</u>	<u>4-11-97</u>	<u>APC</u>
Approved By: <u>APC</u>		<u>4-30-97</u>	<u>APC</u>
Date: <u>4-30-97</u>			

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 Michael W. Davis

☒ Licensed Plumbing Contractor ☐ Exempt Applicant

D. TECHNICAL SITE DATA (List all fixtures.)

NO.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
1	Water Closet	10
	Unal/Bidet	
	Bath Tub	
1	Lavatory	10
	Shower	
	Floor Drain	
	Sink	
	Dishwasher	
	Drinking Fountain	
	Washing Machine	
	Hose Bibb	
	Water Heater	35
1	Fuel Oil Piping	
	Gas Piping	25
	Steam Boiler	
	Hot Water Boiler	
	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 \$ 80
Minimum Fee \$ _____
DCA Training Fee \$ _____
Collected by: _____ TOTAL \$ _____

3-27-97

2" curb stop knocked down to 1"

4-11-97-

W. H. Van Buren incorrect
installed on lot line, a cold line is not
above the to back easement

4-28-97

W. H. still incorrect

W. C. at 19" off wall not 18

L 19" for low

WR 0184003
1084405

Brid



ELECTRICAL
SUBCODE
TECHNICAL SECTION



Date Received
Date Issued
Control #
Permit #

FEB 25 97 00 13 52

FEE (Office Use Only)

D. TECHNICAL SITE DATA

NO.	SIZE	ITEM
18		Fixtures (1)
9		Receptacles (2)
3		Switches (3)
30		Total 1 + 2 + 3
		Kw Range
		Kw Oven(s)
		Kw Surface Unit
		hp Dishwasher
		hp Garbage Disposal
		Kw Dryer
1	6	Kw A/C Unit
		Burglar Alarms
		Intercoms Panels
		Smoke Detectors
		hp Whirlpool/spa
		Pool Bonding
		hp Pool Filler Motor
		Pool Lights
1	1.5	Kw Water Heater(s)
		Kw Central heat:
		oil, gas or elec.
		Kw Baseboard Heat Units
		Thermostats
		hp Heat Pump
		hp Pump(s)
		Amp Motor Control Center/Sub Panels
		Signs
		Light Standards
		hp Motors—Fractional H.P.
		hp Motors—All Others
		Kw Transformers
		Kw Generators
1	200	Amp Service Entrance
		Other

Paid (✓) Check #	1729	Administrative Surcharge	\$	89
RF		Minimum Fee	\$	5
Collected by:		DCA Training Fee	\$	94
		TOTAL FEE	\$	

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

Block 677 Lot 8
Work Site Location Brick Plaza (Space 15)
Owner in Fee Federal Realty
Address Willow Grove Rd. 100 C Park Ave.
Tele. (215) 657-8740
Contractor Eric G. Linsen Jr. Electrical Contractor
Address 451 Northampton Blvd.
Tele. (215) 505-1636
Lic. No. 113506
Federal Emp. No. 22-3395001 or Social Security No. _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed Renovation
☐ Pole/Pad # _____ ☐ Temporary ☐ Other _____
Building Occupied as _____ Utility Co. _____
Est. Cost of Elec. Work \$ 6,000

JOB SUMMARY (Office Use Only)

PLAN REVIEW:	INSPECTIONS	Dates (Month/Day)
☐ No Plans Required	Type:	Failure
Joint Plan Review Required:	Rough	Approval
☐ Bldg. ☐ Plumb.	Temporary	Initial
☐ Fire ☐ Elevator	Constr. Serv.	
☒ Elec. Plans Approved	TCO	
Date: <u>8/22/97</u>	Other	
Approved by: <u>MLC</u>	Service	
SUBCODE APPROVAL	Final	
☐ CO ☐ CCO ☐ CA	Temp. Cut-in-Card Date Issued	
Date: <u>5/14/97</u>	Final Cut-in-Card Date Issued	
Approved By: <u>Paula</u>		

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.

Licensed Electrical Contractor ☐ Exempt Applicant _____
Signature _____ Contractor Seal _____

BUILDING **SUBCODE** **TECHNICAL SECTION**



Date Received
Date Issued
Control #
Permit #

3-14-97
480-97

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

Block 671 Lot B
Work Site Location SPACE 15.16 BEICK PLAZA
RT 70 & Chambers Bridge Rd. TROUT
Owner in Fee Federal Realty Investment Trust
Address 122 C PARK AVE
WILLOW BROOK PA 19090
Tele. (215) 657-8740
Contractor MILCO Construction
Address 270 DEWMANT RD
BEICK NJ
Tele. (908) 920-1800
Lic. No. or Bids. Reg. No. 05637
Federal Emp. No. 22-263843 or Social Security No. _____

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Dates (Month/Day)	Initial
☒ No Plans Req.	<u>2/19</u>	<u>FW</u>	Type:	Failure	Failure
☐ All			Footings		
☐ Foundation			Foundation		
☐ Frame			Slab		
☐ Other			Frame		
Joint Plan Review Required:			Insulation		
☐ Elec. ☐ Plumb. ☐ Fire			Finishes:		
SUBCODE APPROVAL			Energy		
☐ CO ☐ CCO ☐ CA			Mechanical		
Date:			TCO		
Approved By:			Other		
			Final		

B. BUILDING CHARACTERISTICS

Use Group	Present	Proposed	Est. Cost of Bldg. Work:
Constr. Class	Present	Proposed	1. New Bldg. \$
No. of Stories	<u>1</u>		2. Alteration \$ <u>48,000</u>
Height of Structure			3. Total (1+2) \$
Area—Largest Floor			
New Bldg. Area/All Floors			
Volume of New Structure			
Total Land Area Disturbed			

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

Removal of Interior Finishes - Ceiling
Land level fit up/white Box

(Office Use Only)
FEE

\$

\$

\$

\$

\$

\$

\$

\$

\$

\$

\$

\$

\$

\$

Administrative Surcharge

Minimum Fee

DCA TRAINING FEE

TOTAL FEE

\$

\$

\$

\$

\$

\$

25'

15'

HVAC
UNIT

HVAC

TOTAL LENGTH 60'-1"

5 TON COOLING

125,000 BTUS

HEATING

15'

BRICK PAVAZA
UNIT # 15

L #

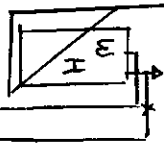
B #

671

8

GAS
METER

6 GAL
ELECTRIC
WATER
HEATER



3/4"

1/2" H C

3" VTR
for T.

3" VTR
for T.

LAV
1 1/2"

WC
3"

NEW 3" W

EXISTING 4" W

Power Plant Mech Inc
138 Lawrence Blvd
Beck NY 08723
NY LIC #8798 477-6007

EXISTING WATER
SERVICE

12.91

BOCA® PLAN REVIEW RECORD

Valuation: _____

Plan Review # _____

Fee: _____

NATIONAL BUILDING CODE
(All Articles except 24, 28, 29, 30, 31 and 32)

Date _____

JURISDICTION _____

Plumbing

(City, County, Township, etc.)

BUILDING LOCATION _____

Rt 70

(Street address)

BUILDING DESCRIPTION _____

Brick PLAZA space 15

REVIEWED BY _____

Numerals indicated in parenthesis are applicable code sections of the 1987 BOCA National Building Code.

CORRECTION LIST

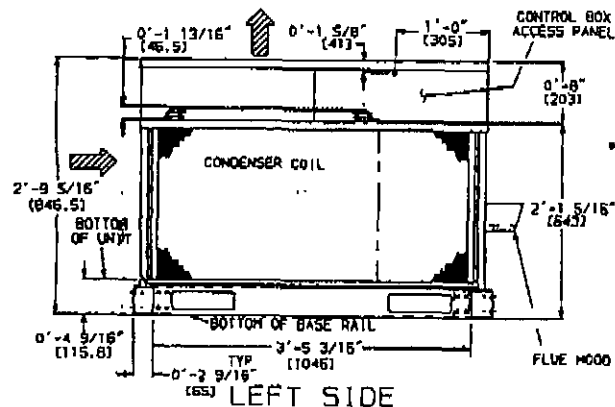
No.	DESCRIPTION	Code Section
①	<i>Brochure for HVAC</i>	
	<i>We need Fire Test Report filled out & # of Gas Appl. need Brochure for furnaces & how many.</i>	
	<i>Red</i>	

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BUILDING OFFICIALS AND CODE ADMINISTRATORS INTERNATIONAL, INC.
4051 W. FLOSSMOOR ROAD COUNTRY CLUB HILLS, ILLINOIS 60477-5795

Base unit dimensions — 48TJ004-007



UNIT 48TJ	CORNER WEIGHT*							
	A		B		C		D	
	lb	kg	lb	kg	lb	kg	lb	kg
E/F004	140	63.5	105	47.6	159	72.1	58	25.4
D/E/F005	142	64.4	106	48.1	162	73.5	60	27.2
D/E/F006	150	68.0	115	52.2	160	72.8	85	29.5
D/E/F007	165	74.8	138	61.7	200	90.7	84	29.0

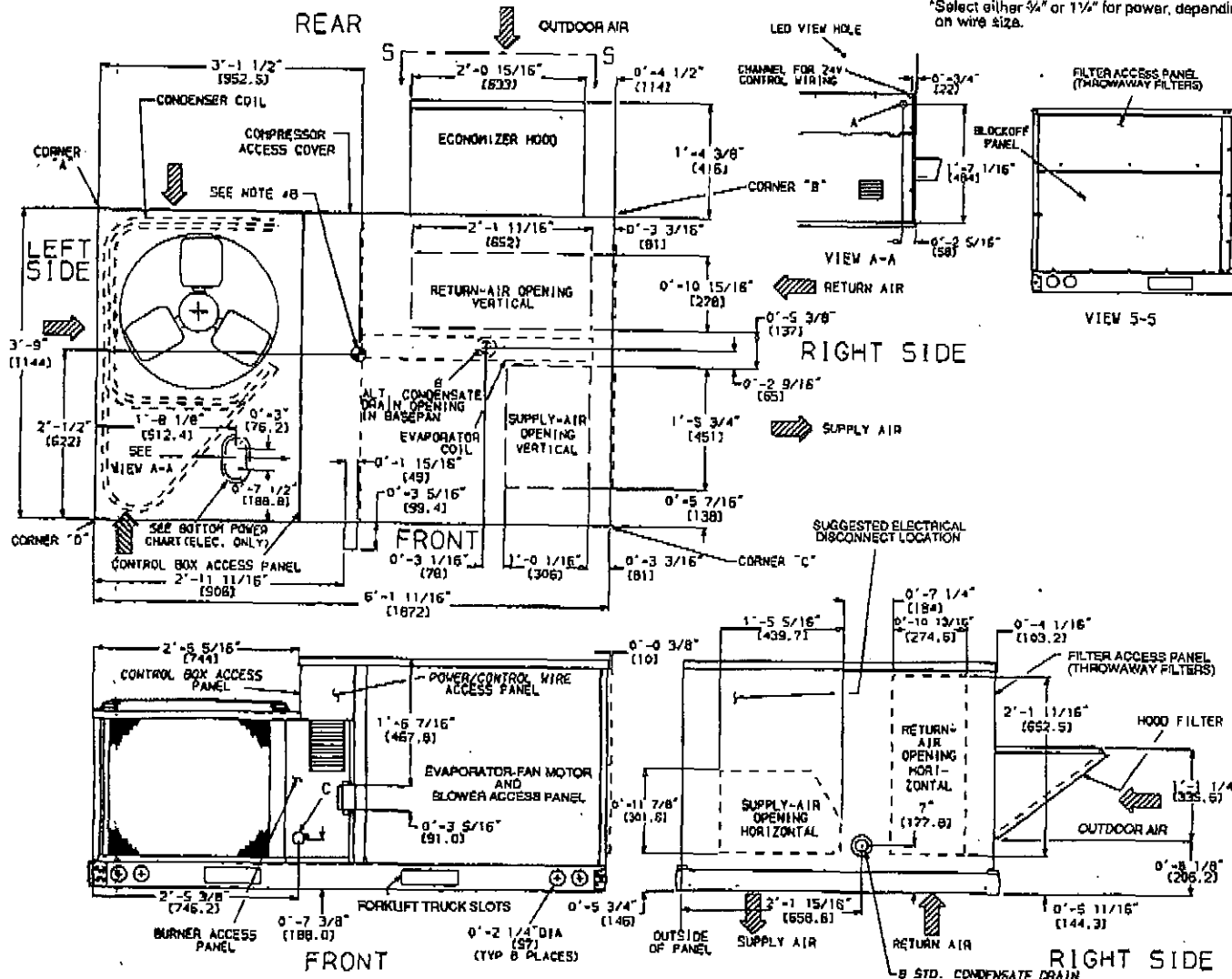
*Weights are for unit only (aluminum plate fins) and do not include options or cradling.

CONNECTION SIZES	
A	1 1/8" Dia. [27] Field Power Supply Hole
B	3/4" — 14 NPT Condensate Drain
C	1/2" — 14 NPT Gas Connection

BOTTOM POWER CHART, THESE HOLES REQUIRED FOR USE WITH ACCESSORY PACKAGES —
CRBTMPWR001A00 (1/2", 3/4")
CRBTMPWR002A00 (1/2", 1 1/4")

THREADED CONDUIT SIZE	WIRE SIZE	REQUIRED HOLE SIZES (MAX)
1/2"	24 V Power*	7/8" [22.2]
3/4"	Power*	1 1/8" [28.4]
1 1/4"	Power*	1 3/4" [44.4]

*Select either 3/4" or 1 1/4" for power, depending on wire size.



NOTES:

1. Dimensions [in ()] are in millimeters.

2. Center of gravity.

3. Direction of airflow.

4. On vertical discharge units, ductwork to be attached to accessory roof curb only. For horizontal discharge units, field-supplied flanges should be attached to horizontal discharge openings, and all ductwork should be attached to the flanges.

5. Minimum clearance (local codes or jurisdiction may prevail):

a. Between unit, flue side and combustible surfaces, 36 inches.
b. Bottom of unit to combustible surfaces (when not using curb), 1 inch. Bottom of base rail to combustible surfaces (when not using curb) 0 inches.

c. Condenser coil, for proper airflow, 36 in. one side, 12 in. the other. The side getting the greater clearance is optional.

d. Overhead, 60 in. to assure proper condenser fan operation.

e. Between units, control box side, 42 in. per NEC (National Electrical Code).

f. Between unit and ungrounded surfaces, control box side, 36 in. per NEC.

g. Between unit and block or concrete walls and other grounded surfaces, control box side, 42 in. per NEC.

h. Horizontal supply and return end, 0 inches.

6. With the exception of the clearance for the condenser coil and combustion side as stated in Notes 5a, b, and c, a removable fence or barricade requires no clearance.

7. Units may be installed on combustible floors made from wood or Class A, B, or C roof covering material if set on baserail.

8. The vertical center of gravity is 1'-6" [457] up from the bottom of the base rail. Horizontal center of gravity is shown.

SURE-LOCK ROOF CURB

SUBMITTAL

DATE: _____
 PROJECT: _____
 EQUIPMENT: _____
 SUBMITTED BY: _____
 NOTES: _____

CARRIER UNITS
 48/50 D,H,J,HM,L,J,Q,T,J
 004-607

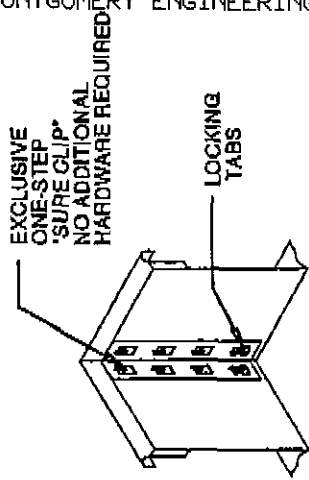
PART NUMBER	UTILITY HOLES
50DJ900-771SL	NO
CRRFCURB001A00CP	YES

WATER PROOF VINYL
 SHEET WITH
 PERMANENT ACRYLIC
 ADHESIVE

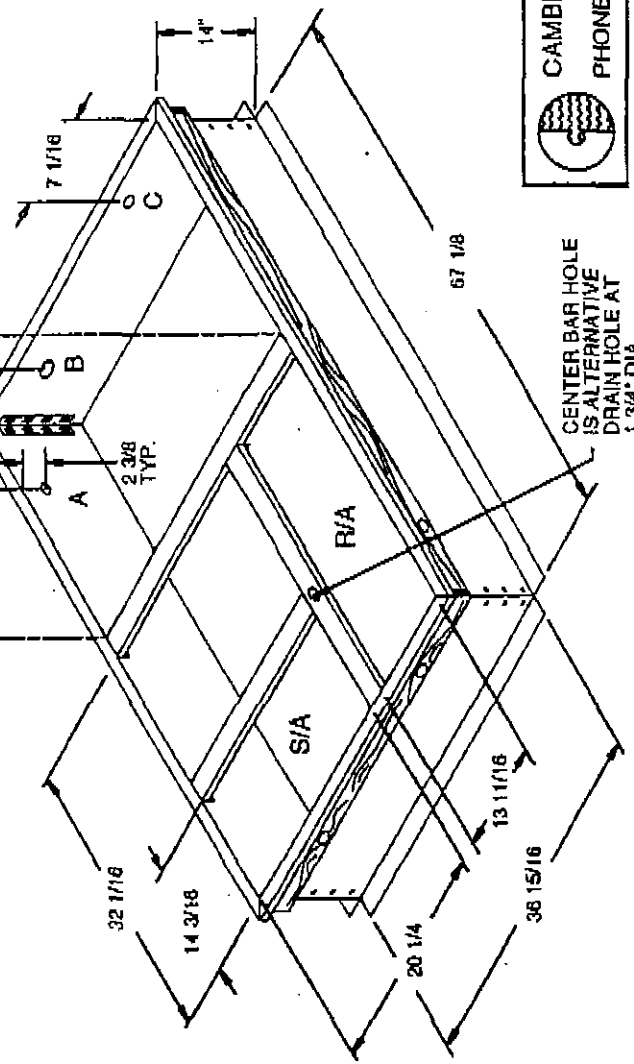
4 X 7 OVAL
 UTILITY HOLE

FEATURES:

- MITERED TOP CORNERS
- ROOF CURB BODY IS FABRICATED OF HEAVY GAUGE GALVANIZED STEEL
- FULL PERIMETER WOOD NAILER
- PRE-PUNCHED ASSEMBLY HOLES AND HARDWARE INCLUDED FOR DUCT SUPPORT INSTALLATION
- ROOF CURB IS SHIPPED KNOCKED DOWN
- EXCLUSIVE 'SURE CLIP' DESIGN FOR QUICK AND EASY FIELD ASSEMBLY



CURB
 CORNER SECTION
 (PATENT PENDING)



CURB
 CROSS SECTION

UTILITY HOLE SPECIFICATIONS			
A	B	C	
GAS	POWER	CONTROL	
2" DIA	2 1/2" DIA	2" DIA	

CAMBRIDGEPORT AIR SYSTEMS, INC.
 SALISBURY, MA 01952
 PHONE 1-800-648-2872 FAX 508-462-9189



DATE: 01-30-95 REV: 01

CENTER BAR HOLE
 IS ALTERNATIVE
 DRAIN HOLE AT
 1 3/4" DIA

Electrical data — 48TJ004-014



UNIT 48TJ	NOMINAL VOLTAGE (60 Hz)	IFM TYPE	VOLTAGE RANGE		COMPR (ea)		OFM (ea)		IFM	COMBUSTION FAN MOTOR FLA	POWER SUPPLY		DISCONNECT SIZE*	
			Min	Max	RLA	LRA	Hp	FLA			MCA	MOCPT	FLA	LRA
004 (3 Tons)	208/230 (single phase)	Std	187	254	16.9	86.7	¼	1.4	2.8	.57	25.3/25.3	35/35	24/24	97/97
		Alt							4.9		27.4/27.4	35/35	27/27	102/102
	208/230 (3 phase)	Std	187	254	11.7	65.0	¼	1.4	2.8	.57	18.8/18.8	25/25	18/18	76/76
		Alt							4.9		20.9/20.9	25/25	21/21	80/80
	460 (3 phase)	Std	414	508	5.1	33.0	¼	0.8	1.3	.30	8.5	15	8	38
		Alt							2.1		9.3	15	9	41
	575 (3 phase)	Std	518	632	4.1	27.0	¼	0.8	1.3	.30	6.8	15	7	31
		Alt							2.1		7.4	15	7	34
005 (4 Tons)	208/230 (single phase)	Std	187	254	23.0	110.0	¼	1.4	3.5	.57	33.7/33.7	40/40	32/32	122/122
		Alt							4.9		35.1/35.1	45/45	34/34	125/125
	208/230 (3 phase)	Std	187	254	15.3	92.0	¼	1.4	3.5	.57	24.0/24.0	30/30	24/24	104/104
		Alt							4.9		25.4/25.4	30/30	25/25	107/107
	460 (3 phase)	Std	414	508	7.0	46.0	¼	0.8	1.8	.30	11.4	15	11	52
		Alt							2.1		11.7	15	11	54
	575 (3 phase)	Std	518	632	5.8	44.0	¼	0.8	1.8	.30	9.3	15	9	49
		Alt							2.1		9.6	15	9	51
006 (5 Tons)	208/230 (single phase)	Std	187	254	30.5	141.0	¼	1.4	5.9	.57	42.7/42.7	50/50	43/43	155/155
		Alt							8.8		48.3/48.3	60/60	47/47	178/178
	208/230 (3 phase)	Std	187	254	17.7	110.0	¼	1.4	5.9	.57	29.4/29.4	35/35	29/29	124/124
		Alt							8.8		32.0/32.0	40/40	32/32	145/145
	460 (3 phase)	Std	414	508	8.6	55.0	¼	0.8	3.2	.30	14.8	20	15	63
		Alt							2.6		14.2	20	14	73
	575 (3 phase)	Std	518	632	6.4	44.0	¼	0.8	3.2	.30	12.0	15	12	52
		Alt							2.6		11.4	15	12	62
007 (6 Tons)	208/230 (3 phase)	Std	187	254	23.6	146.0	¼	1.4	5.8	.57	36.1/36.1	40/40	35/35	181/181
	460 (3 phase)	Std	414	508	10.6	73.0	¼	0.8	2.6	.30	16.7	20	16	90
	575 (3 phase)	Std	518	632	8.5	58.4	¼	0.8	2.6	.30	13.3	20	14	75
008 (7½ Tons)	208/230 (3 phase)	Std	187	254	13.6	73.4	¼	1.4	5.8	.57	39.2/39.2	45/45	41/41	194/194
	460 (3 phase)	Std	414	508	6.2	37.7	¼	0.7	2.6	.30	18.0	25	19	99
	575 (3 phase)	Std	518	632	4.9	31.0	¼	0.7	2.6	.30	14.2	20	15	81
009 (8½ Tons)	208/230 (3 phase)	Std	187	254	15.8	92.0	¼	1.4	5.8	.57	44.2/44.2	50/50	46/46	231/231
	460 (3 phase)	Std	414	508	7.4	46.0	¼	0.7	2.6	.30	20.7	25	22	116
	575 (3 phase)	Std	518	632	5.9	44.0	¼	0.7	2.6	.30	16.5	20	17	107
012 (10 Tons)	208/230 (3 phase)	Std	187	254	17.9	110.0	¼	1.4	5.8	.57	48.9/48.9	60/60	51/51	267/267
		Alt							7.5		50.6/50.6	60/60	53/53	286/286
	460 (3 phase)	Std	414	508	8.6	55.0	¼	0.7	2.6	.30	23.4	30	24	134
		Alt							3.4		24.2	30	25	173
	575 (3 phase)	Std	518	632	6.4	44.0	¼	0.7	2.6	.30	17.6	20	18	107
		Alt							3.4		18.2	20	19	139
014 (12½ Tons)	208/230 (3 phase)	Std	187	254	23.0	146.0	¼	1.4	10.6	.57	65.2/65.2	80/80	68/68	383/383
		Alt							15.0		69.8/69.8	80/80	73/73	406/406
	460 (3 phase)	Std	414	508	10.4	73.0	¼	0.7	4.8	.30	29.6	35	31	192
		Alt							7.4		32.2	25	34	203
	575 (3 phase)	Std	518	632	8.3	58.4	¼	0.7	4.8	.30	23.6	30	25	154
		Alt							7.4		25.7	35	27	163

See Legend and Notes on page 57.

Physical data — 48TJ004-007 (cont)



UNIT SIZE 48TJ	E/F004	D/E/F005	D/E/F006	D/E/F007
FURNACE SECTION				
Rollout Switch Cutout Temp (F)	195	195	195	195
Burner Orifice Diameter (in. ...drill size)				
Natural Gas Std	.113...33	.113...33/.113...33/.129...30	.113...33/.113...33/.129...30	.113...33/.113...33/.129...30
Liquid Propane Alt	.089...43	.089...43/.089...43/.102...38	.089...43/.089...43/.102...38	.089...43/.089...43/.102...38
Pilot Orifice Diameter (Quantity) in. ...drill size				
Natural Gas Std	—	—	—	—
Liquid Propane Alt	—	—	—	—
Thermostat Heat Anticipator Setting (amps)				
208/230 v and 575 v Stage 1	.14	.14	.14	.14
Stage 2	.14	.14	.14	.14
460 v Stage 1	.14	.14	.14	.14
Stage 2	.14	.14	.14	.14
Gas Input (Btu/h) Stage 1	72,000/82,000	72,000/115,000/120,000	72,000/115,000/120,000	72,000/115,000/120,000
Stage 2	—/115,000	—/150,000	—/150,000	—/150,000
Efficiency (Steady State) (%)	80	80	80	80
Temperature Rise Range	25-55/55-85	25-55/35-65/50-80	25-55/35-65/50-80	25-55/35-65/50-80
Manifold Pressure (in. wg)				
Natural Gas Std	3.5	3.5	3.5	3.5
Liquid Propane Alt	3.5	3.5	3.5	3.5
Gas Valve Quantity	1	1	1	1
Gas Valve Pressure Range Psig	0.180-0.487	0.180-0.487	0.180-0.487	0.180-0.487
in. wg	5.0-13.5	5.0-13.5	5.0-13.5	5.0-13.5
Field Gas Connection Size (in.)	½	½	½	½
HIGH-PRESSURE SWITCH (psig)**				
Standard Compressor Internal Relief (Differential)		450 ± 50		500 ± 50
Cutout		428		428
Reset (Auto.)		320		320
LOW-PRESSURE SWITCH (psig)**				
Cutout			7 ± 3	
Reset (Auto.)			22 ± 7	
FREEZE PROTECTION THERMOSTAT (F)**				
Opens			30 ± 5	
Closes			45 ± 5	
OUTDOOR-AIR INLET SCREENS				
Quantity...Size (in.)			Cleanable 1...20 x 24 x 1	
RETURN-AIR FILTERS				
Quantity...Size (in.)			Throwaway 2...16 x 25 x 2	

LEGEND

Al — Aluminum
 Bhp — Brake Horsepower
 Cu — Copper
 TXV — Thermostatic Expansion Valve

*Evaporator coil fin material/condenser coil fin material. Contact your local representative for details on coated fins.

†Weight of 14-in. roof curb.

**Requires an optional or accessory Controls Upgrade Kit.

††On 48TJ016-028 units, Circuit 1 consists of lower portion of condenser coil and lower portion of evaporator coil, and Circuit 2 is the upper portion of both coils.

|| Rollout switch lockout is manually reset by interrupting power to unit or resetting thermostat.

†The 48TJ028 unit requires 2-in. industrial-grade filters capable of handling face velocities of up to 625 ft/min (such as American Air Filter no. 5700 or equivalent).

NOTE: The 48TJ004-014 units have a loss-of-charge/low-pressure switch (accessory or option) located in the liquid line. The 48TJ016-028 units have a low-pressure switch (standard) located on the suction side.

Physical data — 48TJ004-007



UNIT SIZE 48TJ		E/F004	D/E/F005	D/E/F006	D/E/F007
NOMINAL CAPACITY (tons)		3	4	5	6
OPERATING WEIGHT (lb)					
Unit					
AI/AI*		460	470	490	565
AI/Cu*		485	476	497	576
Cu/Cu*		468	482	505	587
Economizer					
DuraBlade		34	34	34	34
ParaBlade		42	42	42	42
Roof Curb†		115	115	115	115
COMPRESSOR			Hermetic		
Quantity		1	1	1	1
No. Cylinders (per Circuit)		2	2	2	2
Oil (oz)		50	50	50	54
REFRIGERANT TYPE			R-22		
Expansion Device			Acutrol™ Feed Device		
Operating Charge (lb-oz)					
Circuit 1		3-6	4-11	5-13	7-8
Circuit 2		—	—	—	—
CONDENSER COIL			Enhanced Copper Tubes, Aluminum Lanced Fins		
Rows...Fins/in.		1...17	1...17	1...17	2...17
Total Face Area (sq ft)		7.36	11.39	13.19	10.42
CONDENSER FAN			Propeller Type		
Nominal Cfm		3500	4000	4000	4000
Quantity...Diameter (in.)		1...22.0	1...22.0	1...22.0	1...22.0
Motor Hp...Rpm		1/4...1100	1/4...1100	1/4...1100	1/4...1100
Watts Input (Total)		325	325	325	325
EVAPORATOR COIL			Enhanced Copper Tubes, Aluminum Double-Wavy Fins		
Rows...Fins/in.		2...15	2...15	3...15	4...15
Total Face Area (sq ft)		4.17	5.5	5.5	5.5
EVAPORATOR FAN			Centrifugal Type		
Quantity...Size (in.)		Std 1...10 x 10 Alt 1...10 x 10	Std 1...10 x 10 Alt 1...10 x 10	Std 1...11 x 10 Alt 1...10 x 10	Std 1...10 x 10 Alt —
Type Drive		Std Direct Alt Belt	Std Direct Alt Belt	Std Direct Alt Belt	Std Belt Alt —
Nominal Cfm		1200	1600	2000	2400
Motor Hp		—	—	—	—
Maximum Continuous Bhp		Std .34 Alt 1.00	Std .75 Alt 1.00	Std 1.20 Alt 1.80	Std 2.40 Alt —
Motor Frame Size		Std 48 Alt 48	Std 48 Alt 48	Std 48 Alt 48	Std 56 Alt —
Nominal Rpm High/Low		Std 860/800 Alt —	Std 1075/970 Alt —	Std 1075/970 Alt —	Std — Alt 1070-1460
Fan Rpm Range		Std — Alt 760-1000	Std — Alt 835-1185	Std — Alt 900-1300	Std — Alt —
Motor Bearing Type		Std Ball Alt 2100	Std Ball Alt 2100	Std Ball Alt 2100	Std Ball Alt 2100
Maximum Allowable Rpm		—	—	—	—
Motor Pulley Pitch Diameter Min/Max (in.)		Std 1.9/2.9 Alt 1/2	Std 1.9/2.9 Alt 1/2	Std 2.4/3.4 Alt 1/2	Std 2.8/3.8 Alt 5/8
Nominal Motor Shaft Diameter (in.)		Std 1/2 Alt 1/2	Std 1/2 Alt 1/2	Std 1/2 Alt 1/2	Std 5/8 Alt —
Fan Pulley Pitch Diameter (in.)		Std — Alt 4.5	Std — Alt 4.0	Std — Alt 4.5	Std — Alt —
Nominal Fan Shaft Diameter (in.)		Std — Alt —	Std — Alt —	Std — Alt —	Std — Alt —
Belt, Quantity...Type...Length (in.)		Std 1...A...34 Alt 10.0-12.4	Std 1...A...34 Alt 10.0-12.4	Std 1...A...39 Alt 14.7-15.5	Std 1...A...40 Alt 14.7-15.5
Pulley Center Line Distance (in.)		Std — Alt —	Std — Alt —	Std — Alt —	Std — Alt —
Speed Change per Full Turn of Movable Pulley Flange (rpm)		Std — Alt 48	Std — Alt 70	Std — Alt 80	Std — Alt 80
Movable Pulley Maximum Full Turns From Closed Position		Std — Alt 5	Std — Alt 5	Std — Alt 5	Std — Alt 5
Factory Setting		Std — Alt 3	Std — Alt 3	Std — Alt 3	Std — Alt 3
Factory Speed Setting (rpm)		Std — Alt 856	Std — Alt 975	Std — Alt 1060	Std — Alt 1225
Fan Shaft Diameter at Pulley (in.)		Std 1/2 Alt 1/2	Std 1/2 Alt 1/2	Std 1/2 Alt 1/2	Std 1/2 Alt 1/2

LEGEND

AI — Aluminum
Bhp — Brake Horsepower
Cu — Copper
TXV — Thermostatic Expansion Valve

*Evaporator coil fin material/condenser coil fin material. Contact your local representative for details on coated fins.

†Weight of 14-in. roof curb.

**Requires an optional or accessory Controls Upgrade Kit.

††On 48TJ016-028 units, Circuit 1 consists of lower portion of condenser coil and lower portion of evaporator coil, and Circuit 2 is the upper portion of both coils.

|| Rollout switch lockout is manually reset by interrupting power to unit or resetting thermostat.

††The 48TJ028 unit requires 2-in. industrial-grade filters capable of handling face velocities of up to 625 ft/min (such as American Air Filter no. 5700 or equivalent).

NOTE: The 48TJ004-014 units have a loss-of-charge/low-pressure switch (accessory or option) located in the liquid line. The 48TJ016-028 units have a low-pressure switch (standard) located on the suction side.

SIZING FOR WATER AND SEWER SERVICES

Property Owner Federal Realty Date 3-27-97

Property Address 708 Chambers Bridge Block 671 Lot 8

Zoning _____ Use Group _____

Contractor Jersey Coast Mech License No. Registration 8798

Water Main Size _____ Water Pressure _____ Sewer Main Size _____

Plumbing Fixtures	Number	(sfu) Water Units	(dfu) Drainage Units
1: Water Closet	<u>1</u>	<u>(5)</u>	<u>()</u>
2. Lavatory	<u>1</u>	<u>(2)</u>	<u>()</u>
3. Bath Tub	_____	<u>()</u>	<u>()</u>
4. Shower Stall	_____	<u>()</u>	<u>()</u>
5. Kitchen Sink	_____	<u>()</u>	<u>()</u>
6. Service Sink	_____	<u>()</u>	<u>()</u>
7. Laundry Tray	_____	<u>()</u>	<u>()</u>
8. Dishwasher	_____	<u>()</u>	<u>()</u>
9. Washing Machine	_____	<u>()</u>	<u>()</u>
10. Urinal	_____	<u>()</u>	<u>()</u>
11. Floor Drain	_____	<u>()</u>	<u>()</u>
12. Drinking Fountain	_____	<u>()</u>	<u>()</u>
13. Air Conditioner (water cooled)	_____	<u>()</u>	<u>()</u>
14. Dental Unit	_____	<u>()</u>	<u>()</u>
15. Lawn Sprinkler No. of Heads	_____	<u>()</u>	<u>()</u>
16. Fire Sprinkler No. of Heads	_____	<u>()</u>	<u>()</u>
17. _____	_____	<u>()</u>	<u>()</u>
18. _____	_____	<u>()</u>	<u>()</u>

Total 7

Gallons per minute 8

Size of Service 3/4"

Date: 3-27-97

Approved: BPA
Brick Township Plumbing Inspector