

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the

I hereby certify that I am the owner in fee of the

Mark the following applicable boxes:

A. ☐ I further certify that a new home (private) is to be occupied for residential use. I attest that all construction by subcontractors under my supervision for a new home is not covered under the N.J.A.C. 5:23-2.15(a)5 and that such fact shall be disclosed to the owner of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING THE WORK DONE ON SAID PROPERTY AFTER ANY WORK PERFORMED, EMPLOY, OR OTHERWISE CONTRACT VOLUNTARILY AND KNOWINGLY AS

B. ☐ I further certify the following as required:

1) I personally prepared the plans submitted for a renovation, or repair to an existing single family residence listed on Page 1; or, 3) a new structure existing single family residence that is

C. ☐ I further certify that I will perform or supervise the following work:
C.1. ☐ Building C.2. ☐

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 _____

Address _____

Telephone _____

Signature _____

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

my own use and occupation other than single family use or in part, by me or my agent, I acknowledge that said use is not covered under the N.J.A.C. 46:3B-1 et seq.) of the date of issuance

RESPONSIBILITY FOR WORK DONE, DURING, AND AFTER THE WORK. I AM RESPONSIBLE FOR THE WORK DONE.

J.A.C. 5:23-2.15(e)1.vii:

in addition, alteration, or repair to the property located on the property listed on Page 1.

OFFICE DATE RECEIVED: _____

VIII. PRIOR APPROVALS CHECKLIST (office use only)	LOCAL APPROVAL		COUNTY APPROVAL		REGIONAL APPROVAL		STATE APPROVAL		COMMENTS
	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	
☐ Zoning Officer									
☐ Planning Board									
☐ Zoning Board									
☐ Sewer Authority									
☐ Water Authority									
☐ Police Department									
☐ Health Department									
☐ Soil Conservation									
☐ N.J. Department of Community Affairs									
☐ N.J. Department of Transportation									
☐ N.J. Department of Environmental Protection									
☐ Utility Dig No.									
☐									
☐									

IX. SUBCODES AND SPECIAL REGULATIONS APPLICABLE (office use only—optional)

Name of Code & Edition	Name of Code & Edition	Other
Building _____	Energy _____	
Electrical _____	Barrier Free _____	
Plumbing _____	Flood Hazard _____	
Fire Protection _____	As Built Elevation Cert. _____	
Mechanical _____	Other _____	

X. CERTIFICATES ISSUED (office use only)

	No.	DATE ISSUED	DATE EXPIRED	DATE REISSUED	DATE EXPIRED
☐ Temporary Certificate of Occupancy	No.				
☐ Temporary Certificate of Compliance	No.				
☐ Confined Certificate of Occupancy	No.				
☐ Certificate of Compliance	No.				
☒ Certificate of Occupancy	No. <u>3763</u>	<u>2/12/99</u>			
☐ Certificate of Approval	No.				
☐ Lead Abatement Clearance Certificate	No.				



CERTIFICATE

Date issued 2-12-99
Control #
Permit # 98-3763

IDENTIFICATION

Block 470.01 Lot 16
Work Site Location 595 Brick Blvd.
Owner in Fee WA WA, Inc.
Address 260 Baltimore Pike
WA WA, Penna. 19063
Tele. ()
Contractor Bar] R. Pursell
Address 1739 Chews Landing
Blackwood, NJ
Tele. ()
Lic. No. or Bldrs. Reg. No.
Federal Emp. No.
or Social Security No.

Home Warranty No. N/A
Use Group R 2 hours
Maximum Live Load
Description of Work/Use:

New commercial retail store

"WA WA"

Type of Warranty Plan: [] State [] Private
Construction Classification
Maximum Occupancy Load

CERTIFICATE OF OCCUPANCY/APPROVAL

☒ **CERTIFICATE OF OCCUPANCY**

XXXXX This serves notice that said building, structure, or equipment has been constructed or installed in accordance with the New Jersey Uniform Construction Code, and is approved for use and/or occupancy.

☐ **CERTIFICATE OF APPROVAL**

☐ **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**

If this is a Temporary Certificate of Occupancy the following conditions must be met no later than , 19 or the owner will be subject to a fine or order to vacate:

Fee \$
Paid [] Check No.
Collected by:

CONSTRUCTION OFFICIAL

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
CONSTRUCTION
PERMIT

0004
3763*#
BLOCK 470 # 0.00
LOT 16 # 0.00
BUILDING 1863.00
FIRE 192.00
D.C.A. 119.00
C / O 316.00
ZONE/PLOT 15.00
ENG P.R. 15.00
TOTAL 2520.00
CHECK 2520.00
CHANGE 0.00

10/27/98 NO. 5 0026A005 15:42

Date Issued 10/27/98
Control #
Permit # 98-3763

IDENTIFICATION Block 470.01 Lot 16 Qual

Work Site Location 595 BRICK BLVD MAMA STORE
NEW COMMERCIAL BLDG
Owner in Fee MAMA INC
Address 260 BALTIMORE PIKE
MAMA, PA 19063-
Telephone (610)358-6858

Contractor CARL PURSELL, INC
Address 1735 CHEWS LANDING RD
BLACKWOOD, NJ 08012-
Telephone (603)227-1001
Lic. No. or Bldrs. Reg. No. 019349
Federal Emp. No. 22-2317298

Is hereby granted permission to perform the following work:

☒ BUILDING ☒ PLUMBING ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☒ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT ☐ OTHER

(Subchapter 8 only)

DESCRIPTION OF WORK:
NEW MAMA STORE

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 \$ 211,002

Construction Official

10/27/98
Date

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

PAYMENTS (Office Use Only)
Building 1,863
Electrical 0
Plumbing 0
Fire Protection 192
Elevator Devices 0
Other
DCA Training Fee 119
Cert. of Occupancy 316
Other 30
Total 2520
Check No. 999
Cash
Collected By TL

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PERMIT UPDATE

0004
3763**
BLOCK 470 # 0.00
LOT 16 # 0.00
ELECTRIC* 35.00
FIRE 80.00
TOTAL 115.00
CHECK 115.00
CHANGE 0.00
0013A005 12:29

Update Issued 01/04/99
Control #
Permit # 98-3763+B
Permit Issued 10/27/98

IDENTIFICATION Block 470.01 Lot 16 (Qual)

Work Site Location 595 BRICK BLVD WAVA STORE
Alarm System
Owner in Fee WAVA INC.
Address 260 BALTIMORE PIKE
WAVA, PA 19063-
Telephone (610)358-6858

Contractor OMEGA PROTECTION SERVICES
Address 1701 W MAIN ST
MILVILLE, NJ 08332-
Telephone (609)825-1609
Lic. No. or Bldrs. Reg. No.
Federal Emp. No.

Is hereby granted permission to perform the following work:
☐ BUILDING ☐ PLUMBING ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☒ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT ☐ OTHER
(Subchapter 8 only)

DESCRIPTION OF WORK:
ALARM SYSTEM IN WAVA

Estimated Cost of Work \$ 1,365

Construction Official
Date 01/04/99

D.C.C. P190 (rev. 3/96)

PAYMENTS (Office Use Only)
Building 0
Electrical 35
Plumbing 0
Fire Protection 30
Elevator Devices 0
Other
DCA Training Fee 0
Cert. of Occupancy 0
Other
Total 115
Check No. 1860
Cash
Collected By TL

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

0004
3763**#
BLOCK 470 # 0.00
LOT 16 # 0.00
ELECTRIC* 35.00
TOTAL 35.00
CHECK 35.00
CHANGE 0.00
NO. 5 0011A005

Update Issued 02/08/99
Control #
Permit # 98-3763+D
Permit Issued 10/27/98

UCC NEW JERSEY
PERMIT UPDATE

IDENTIFICATION Block 470.01 Lot 16

Work Site Location 595 BRICK BLVD WAWA STORE
COMMUNICATION POINTS

Owner in Fee WAWA INC
Address 260 BALTIMORE PIKE
WAWA, PA 19063-
Telephone (610)358-6858

Contractor INFOCORE
Address 661 MOORE RD
KING OF PRUSSIA, PA 19406-
Telephone (610)768-5233
Lic. No. or Bids. Reg. No.
Federal Emp. No.

Is hereby granted permission to perform the following work:
☐ BUILDING ☐ PLUMBING ☐ LEAD HAZARD ABATEMENT
☒ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT ☐ OTHER
(Subchapter 8 only)

DESCRIPTION OF WORK:
COMMUNICATION POINTS

Estimated Cost of Work \$ 500

Construction Official *[Signature]* Date 02/08/99

D.C.C. 0190 (rev. 3/96)

PAYMENTS (Office Use Only)
Building 0
Electrical 35
Plumbing 0
Fire Protection 0
Elevator Devices 0
Other
DCA Training Fee 0
Cert. of Occupancy 0
Other
Total 35
Check No. # 2038 999
Cash
Collected By *[Signature]* TL

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PERMIT UPDATE

Update Issued 02/09/99
Control #
Permit # 98-3763+C
Permit Issued 10/27/98

IDENTIFICATION Block 470.01 Lot 16 Qual
Work Site Location 595 BRICK BLVD HAWA STORE
SPRINKLER SYSTEM
Owner in Fee HAWA INC
Address 260 BALTIMORE PIKE
HAWA, PA 19063-
Telephone (610)358-6858
Contractor PURCELL PLUMBING INC
Address RD 41 1759 CHESS LANDING RD
BLACKFOOD, NJ 08012-
Telephone (609)227-1001
Lic. No. or Bldrs. Reg. No. 5407
Federal Emp. No. 22-3171418

Is hereby granted permission to perform the following work:
☐ BUILDING ☒ PLUMBING ☐ LEAD HAZARD ABATEMENT
☐ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT ☐ OTHER
(Subchapter 8 only)

DESCRIPTION OF WORK:
SPRINKLER SYSTEM

Estimated Cost of Work \$ 600

[Signature]
Construction Official

02/09/99
Date

R.C.C. P190 (rev. 3/96)

PAYMENTS (Office Use Only)
Building 0
Electrical 0
Plumbing 176
Fire Protection 0
Elevator Devices 0
Other
DCA Training Fee 0
Cert. of Occupancy 0
Other
Total 176
Check No. 3155
Cash
Collected By CS

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
BUILDING
SUBCODE
TECHNICAL SECTION

Date Received 09/22/98
Date Issued 10/27/98
Control # C22-16
Permit # 98-3763

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

Block 470.01 Lot 15 Qual
Work Site Location 595 BRICK BLVD MAMA STORE
NEW COMMERCIAL BLDG

Owner in Fee MAMA, INC
Address 260 BALTIMORE PIKE
MAMA, PA 19063-

Tele. (610) 358-6858
Contractor CARL PURSELL INC
Address 1735 CHEWS LANDING RD
BLACKWOOD, NJ 08012-

Fax (603) 227-1001
Lic. No. of Bldrs. Reg. No. 019349
Federal Emp. No. 22-2317298

JOB SUMMARY (Office Use Only)

PLAN REVIEW Date Initial

☐ No Plans Req.

☒ All 10-20-98 EM

☐ Footing

☐ Foundation

☐ Frame

☐ Other

Joint Plan Review Required:

☐ Elect ☐ Plumb ☐ Fire

SUBCODE APPROVAL ☐ Elev

Date: 2-8-99

Approved by: EM

Sketching 12-9-98 (EM)
Type Footing
Failure Failure Approval Initial 05. 98. 1-15-98
Foundation 11-9-98 1-15-98
Slab
Frame F-4-12-98-98
Barrierfree
Insulation
Finishes
Energy
Mechanical
TCO
Other
Final NOT REPAIR 2-5-99
Barrierfree 1-4-99

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

NEW MAMA STORE

Builder TO Furnish Steel Shop Drawings
Before erection of structure
AS BUILT Foundation Survey Required
Before inspection is done. (EM)

TYPE OF WORK

☒ New Building

☐ Addition

☐ Alteration

☐ Roofing

☐ Siding

☐ Fence

☐ Sign

☐ Pool

☐ Asbestos Abatement Subchapter 8

☐ Lead Haz. Abatement NJAC 5:17

☐ Other

☐ Demolition

FEE (Office Use Only)

1.863

Height (exceeds 6')

Sq. Ft.

0
0
0
0
0
0
0
0
0
0

8. BUILDING CHARACTERISTICS

Use Group Present Proposed M

Constr. Class Present Proposed

No. of Stories 1

Height of Structure 24 Ft.

Area Largest Floor 4,132 Sq. Ft.

New Bldg. Area/All Floors 4,132 Sq. Ft.

Volume of New Structure 74,502 Cu. Ft.

Total Land Area Disturbed 0 Sq. Ft.

Est. Cost of Bldg. Work:

1. New Bldg. \$ 210,000

2. Alteration \$ 0

3. Total (1+2) \$ 210,000

Paid ☐ Check #

Industrialized Building:

☐ State Approved

☐ HUD

Administrative Surcharge

Minimum Fee

TOTAL FEE

DCA Training Fee

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

TOP LAYOR OF L-BLOCK BLOCKED BY INS.

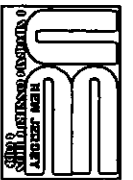
~~11-9-98~~

SHEATING TOUCHING GROUND NOT TREATED
CCA TYPE ~~12-7-98~~

A FRAM ON ROOF NOT TO CODE FRANK T.
CONTRACTOR P.

105 VALENCE ROOF
97 Baywood 18/1/1d

CO. 100-100-100



ELECTRICAL SUBCODE TECHNICAL SECTION



Date Received
Date Issued
Control #
Permit #

11-5-88
98-3763 +A.

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

Block 770.01 Lot 16
Work Site Location Brick Blvd - Cedar Bridge Ave
395 BRICK BLVD.

Owner in Fee/Occupant Brick Bldg. Inc.
Address 2600 Battleground Pike
17063

Tele. (609) 228-6801
Contractor Carl P. Russell
Address 1339 Churchland Rd
Blackwood 17111

Tele. (609) 227-1001
Lic. No. 6146
Federal Emp. No. 222 317 298

B. ELECTRICAL CHARACTERISTICS

Use Group M1 Proposed M1
☐ Pole/Pad # 1 ☐ Temporary ☐ Other
Building Occupied as Comm. Store Utility Co.
Est. Cost of Elec. Work \$ 28,000-

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Dates (Month/Day)
☐ No Plans Required			Type: <u>Conf. Test</u>	Failure
Joint Plan Review Required:			Rough <u>Walls</u>	Approval
☐ Building ☐ Plumbing			Temp. Serv.	Initial
☐ Fire ☐ Elevator			Const. Serv.	
☒ Elec. Plans Approved			FCO <u>Partial</u>	
Date: <u>10-28-98</u>			Other <u>Service</u>	
Approved by: <u>W</u>			Service <u>how early</u>	
			Final	
			Temp. Cut-In-Card Date Issued	
			Final Cut-In-Card Date Issued	

C. CERTIFICATION IN LIEU OF OATH

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

Applicant's Signature/Contractor's Seal and Signature
Carl P. Russell

☒ Licensed Electrical Contractor ☐ Exempt Applicant

D. TECHNICAL SITE DATA

QTY.	SIZE	ITEMS
112		Lighting Fixtures
93		Receptacles
5		Switches
		Detectors
		Light Poles
		Motors—Fract. HP
		Emergency & Exit Lights
		Communications Points
		Alarm Devices/F.A.C. Panel

TOTAL NUMBERS

Pool Permit/with UW Lights
Storable Pool/Spa/Hot Tub
KW Elec. Range/Receptacle
KW Oven/Surface Unit
KW Elec. Water Heater
KW Elec. Dryer/Receptacle
KW Dishwasher
HP Garbage Disposal
KW Central A/C Unit
KW Baseboard Heat
HP Motors 1/+ HP
KW Transformer/Generator
AMP Service
AMP Subpanels
AMP Motor Control Center
KW Elec. Sign/Outline Light

FEE (Office Use Only)

Administrative Surcharge	\$
Minimum Fee	\$
DCA Training Fee	\$
TOTAL FEE	\$

ELECTRICAL
SUBCODE
TECHNICAL SECTION



Date Received
Date Issued
Control #
Permit #

1/4/99
98-396346
update

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

D. TECHNICAL SITE DATA

FEE (Office Use Only)

Block 470.01 Lot 16

Work Site Location Bethesda Blvd 595 BRICK Blvd.

Owner in Fee WAWA

Address 260 BALTIMORE PIKE

Tele. (800) 283-9292

Contractor OMEGA PROTECTION SERVICES

Address 1701 W. MAIN ST

Tele. (609) 825-1609

Lic. No. [REDACTED]

Federal Emp. No. [REDACTED] or Social Security No. [REDACTED]

B. ELECTRICAL CHARACTERISTICS

Use Group Present [] Proposed []

☐ Pole/Pad # [] Temporary [] Other []

Building Occupied as [] Utility Co. []

Est. Cost of Elec. Work \$ 450.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW: ☒ No Plans Required

Joint Plan Review Required: ☐ Rough ☐ Approval ☐ Initial

☐ Bldg. ☐ Plumb. ☐ Temporary ☐ Constr. Serv. ☐ TCO ☐ Other ☐ Service ☐ Final

☐ Fire ☐ Elevator ☐ Elec. Plans Approved ☐ Temp. Cut-in-Card Date Issued 25 99

Date: 25 99 Final Cut-in-Card Date Issued 25 99

Approved By: [Signature]

NO.	SIZE	ITEM
		Fixtures (1)
		Receptacles (2)
		Switches (3)
		Total 1 + 2 + 3
		Kw Range
		Kw Oven(s)
		Kw Surface Unit
		hp Dishwasher
		hp Garbage Disposal
		Kw Dryer
		Kw A/C Unit
		Burglar Alarms
		Intercoms Panels
		Smoke Detectors
		hp Whirlpool/Spa
		Pool Bonding
		hp Pool Filter Motor
		Pool Lights
		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
		Amp Service Entrance
		Other

C. CERTIFICATION IN LIEU OF OATH

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

☐ Licensed Electrical Contractor ☒ Exempt Applicant

Signature—Contractor Seal

Paid ☐ Check # [] Administrative Surcharge \$ []
Minimum Fee \$ []
DCA Training Fee \$ []
Collected by: [] TOTAL FEE \$ []

U.C.C. Form F-1208

1 White = Inspector Copy
2 Canary = Office Copy
3 Pink = Office Copy
4 Gold = Applicant Copy

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 02/03/99
Date Issued ~~01/01/99~~ 2/8/99
Control #
Permit # 98-3763+D

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

Block 470-01 Lot 16 Qual

Work Site Location 595 BRICK BLVD WANA STORE

COMMUNICATION POINTS

Owner in Fee WANA INC

Address 260 BALTIMORE PIKE

WANA, PA 19063-

Tele. (610) 768-5233 Fax ()

Contractor INECCORE

Address 661 MOORE RD

KING OF PRUSSIA, PA 19406-

Tele. (610) 768-5233

Lic. No. or Bldgs. Reg. No.

Federal Emp. No.

B. ELECTRICAL CHARACTERISTICS

Use Group - Present Proposed M

[] Pole/Pad [] Temporary [X] Other WANA

Building Occupied as Utility Co.

Estimated Cost of Electrical Work \$ 500

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required

Joint Plan Review Required:

[] Bldg [] Plumb

[] Fire [] Elevator

[] Elect Plans Approved

Date:

Approved By:

SUBCODE APPROVAL

[] CO [] CCO CA

Date: 2/1/99

Approved By:

D. TECHNICAL SITE DATA

NO. SIZE

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FEF (Office Use Only)

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C. CERTIFICATION IN LIBR OF OATH
I hereby certify that I am the (agent of) owner of record and am authorized
to file this application and perform the work listed on this application.

Applicant's Signature/Contractor's Seal and Signature

[] Licensed Electrical Contractor [] Exempt Applicant

Paid [] Check #
Collected by:

Administrative Surcharge \$

Minimum Fee \$

TOTAL FEE \$

DCA Training Fee \$

~~UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION~~

~~D. TECHNICAL SITE DATA~~

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

Storage Tanks

```
Type: [ ] Flammable liquid [ ] Combust liquid
[ ] LPG [ ] LNG Capacity_____0 Fuel_____
```

Alarm Systems	[] 110V Interconnected	NUMBER
[] System		

Alarm Devices (smoke, heat, pulls, water/flow)
Supervisory Devices (tamper, low/high air)

Signalling Devices (horn/strobe) Other Devices:

Suppression System

```
Fire Alarm System
New, [ ] Existing [ ]
```

Location of Panel: _____
Fire Suppression/Standpipe Sys _____

New []	Existing []
location of Main Control Valve	

Dates (Month/Day)	Initial	Approval	Failure
10/10/2010			
10/11/2010			
10/12/2010			
10/13/2010			
10/14/2010			
10/15/2010			
10/16/2010			
10/17/2010			
10/18/2010			
10/19/2010			
10/20/2010			
10/21/2010			
10/22/2010			
10/23/2010			
10/24/2010			
10/25/2010			
10/26/2010			
10/27/2010			
10/28/2010			
10/29/2010			
10/30/2010			
10/31/2010			

Alarm Sys
Suppr Tes

**Standpipe
Fire Pump**

PreEng Sys
Mechanica

Smoke Ctl
TCO

Final	
Other	

Collected by:

FEE (Office Use Only)

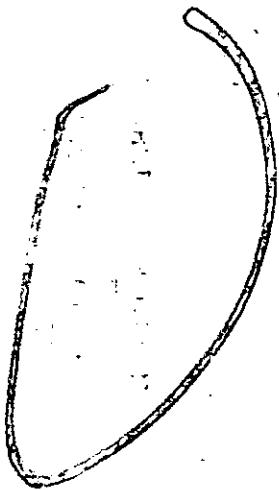
35

10/27/98
changed for

192

26" opening A 42

17" opening



Provide bench
Diagram

✓ Huse unit Hoped up

✓ Label s/d Huse unit

✓ Check Extrusion

Provide sheetrock over
Attn hole



FIRE SUBCODE TECHNICAL SECTION

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

Block 490.01 Lot 16

Work Site Location Batek Blvd & Cedar St. 595 Brite Blvd.

Batek Twp NJ

Owner in Fee WAWA

Address 260 BALTIMORE PIKE

WAWA PA

Tele. (800) 283-9292

Contractor OMEGA PROTECTION SERVICES

Address 1701 W. MAIN ST

MILLVILLE NJ 08332

Tele. (609) 825-1609 Fax (609) 825-5989

Lic. No. _____

Federal Emp. No. 143-46-2011

B. FIRE PROTECTION CHARACTERISTICS

Use Group	Present	Proposed	Fire Alarm System
Constr. Class	Present	Proposed	New ☒ Existing ☐
Heating Systems	☐ New ☐ Existing ☐ HVAC	Location of Panel:	
Type: ☐ Gas ☐ Oil ☐ Electric ☐ Solar		Fire Suppression/Standpipe System	
☐ Other		New ☐ Existing ☐	
Location:		Location of Main Control Valve:	

Total Cost of Fire Protection Work \$ 915.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW	INSPECTIONS	Dates (Month/Day)
☐ No Plans Required	Type:	Failure Failure Approved Initial
Joint Plan Review Required:	Alarm System	<u>11-28-88</u> <u>6-4-89</u> <u>12-1</u>
☐ Building ☐ Plumbing	Suppression Sys.	
☐ Electric ☐ Elevator	Standpipe	
☒ Fire Plans Approved	Fire Pump	
Date: <u>12-1-89</u>	Pre-Eng. System	
Approved by: <u>[Signature]</u>	Mechanical	
SUBCODE APPROVAL	Smoke Control	
☐ CO ☐ LPG ☐ CA	TCO	
Date: <u>2-4-90</u>	Final	
Approved by: <u>[Signature]</u>	Other	

C. CERTIFICATION IN LIEU OF OATH

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

Signature [Signature]



D. TECHNICAL SITE DATA

DESCRIPTION OF WORK:

Update

Water Supply Source _____

Method of Alarm/Suppression System Supervision _____

Storage Tanks

Type: ☐ Flammable Liquid ☐ Combustible Liquid

☐ LPG ☐ LNG Capacity _____ Fuel _____

Alarm Systems ☐ 110V Interconnected ☐ System NUMBER _____

Alarm Devices (i.e., smoke, heat, pull, water/flow) 20

Supervisory Devices (i.e., tamper, low/high air) 7

Signalling Devices (i.e., horns/strobes, bells) 7

Other Devices _____

TOTAL 950

Suppression Systems 27

Fire Pump _____ GPM Type 2 1/2" 150

Dry Pipe/Alarm Valves _____

Pre-action Valves _____

Sprinkler Heads (Dry and Wet) _____

Standpipes _____

Pre-engineered Systems _____

Wet Chemical _____

Dry Chemical _____

CO₂ Suppression _____

Foam Suppression _____

Halon Suppression _____

Other _____

Kitchen Hood Exhaust System _____

Smoke Control System _____

Gas ☐ or Oil ☐ Fired Appliances _____

Other _____

Administrative Surcharge \$ _____

Minimum Fee \$ _____

DCA Training Fee \$ _____

TOTAL FEE \$ _____

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 01/29/99
Date Issued 01/01/54
Control #
Permit # 98-3763+C

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

Block 470.01 Lot 16
Work Site Location 595 BRICK BLVD WAMA STORE

SPRINKLER SYSTEM

Owner in Fee WAMA INC

Address 260 BALTIMORE PIKE

WAMA, PA 19063-

Tele. (609) 227-1001 Fax ()

Contractor PURSUE PLUMBING INC

Address RD 41 1739 CHERRY LANDING RD

BLACKWOOD, NJ 08012-

Tele. (609) 227-1001

Lic. No. or Bids. Reg. No. 5407

Federal Emp. No. 22-3171418

B. PLUMBING CHARACTERISTICS

Use Group Present Proposed M
Building Sewer Size [] Public Sewer [] Private Septic
Water Sewer Size [] Public Water [] Private Well
Estimated Cost of Plumbing Work \$ 600

JOB SUMMARY (Office Use Only)
PLAN REVIEW

[] No Plans Required
Joint Plan Review Required:

[] Bldg [] Elect

[] Fire [] Elevator

[] Plumb. Plans Approved

Date: 2-3-99

Approved By: [Signature]

SUBCODE APPROVAL

[] CU [] CCO [] CA

Approved By: [Signature]

Date: 2-10-99

INSPECTIONS

Type Failure Failure Approval Initial

Slab

Rough

Water

Sewer

Fixtures

Gas Equip.

Gas Piping

Solar

TCO

amtm

2-10-99

[Signature]

Paid [] Check #
Collected by:

Administrative Surcharge \$
Minimum Fee \$
TOTAL FEE \$ 176
DCA Training Fee \$

NO.

FIXTURE/EQUIPMENT (List all fixtures.)
Water Closet
Urinal / Bidet
Bath Tub
Lavatory
Shower
Floor Drain
Sink
Dishwasher
Drinking Fountain
Washing Machine
Hose Bib
Water Heater
Fuel Oil Piping
Gas Piping
Steam Boiler
Hot Water Boiler
Sewer Pump
Interceptor / Separator
Backflow Preventer
Greasetrap
Sewer Connection
Water Service Connection
Stacks
Other AUV METER
Other 48 HEADS

15
126

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

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.

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 09/21/98
Date Issued 11/15/98
Control # C22-16-1
Permit # 98-3763 + A

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

Block 470.01 Lot 16 Qual
Work Site Location 595 BRICK BLVD MAMA STORE
NEW COMMERCIAL BLDG
Owner in Fee MAMA INC
Address 260 BALTIMORE PIKE
MAMA, PA 19063-
Tele. (609) 227-1001 Fax ()
Contractor PURSELL PLUMBING INC
Address RD 41 1739 CHENS LANDING RD
BLACKWOOD, NJ 08012-
Tele. (609) 227-1001
Lic. No. or Bldrs. Reg. No. 5407
Federal Emp. No. 22-3171418

D. TECHNICAL SITE DATA (List all fixtures.)

NO.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
1	Water Closet	10
1	Urinal / Bidet	10
0	Bath Tub	0
1	Lavatory	10
0	Shower	0
19	Floor Drain	190
8	Sink	80
0	Dishwasher	0
0	Drinking Fountain	0
0	Washing Machine	0
3	Hose Bib	30
1	Water Heater	35
0	Fuel Oil Piping	0
0	Steam Boiler	25
0	Hot Water Bottle	0
0	Sewer Pump	0
0	Interceptor / Separator	0
5	Backflow Preventer	175
0	Greasetrap	35
0	Sewer Connection	0
0	Water Service Connection	0
0	Stacks	0
0	Other	0
0	Other	0

B. PLUMBING CHARACTERISTICS
Use Group Present Proposed M
Building Sewer Size [] Public Sewer [] Private Septic
Water Sewer Size [] Public Water [] Private Well
Estimated Cost of Plumbing Work \$ 14,200

JOB SUMMARY (Office Use Only)
PLAN REVIEW
[] No Plans Required
Joint Plan Review Required:
[] Bldg [] Elect
[] Fire [] Elevator
[] Plumb, Plans Approved
Date: 11-2-98
Approved By: [Signature]
SUBCODE APPROVAL
[] CC [] CC0 [] CC1
Approved By: [Signature]
Date: 2-5-99
TCO
Pipes

Administrative Surcharge \$ 0
Minimum Fee \$ 0
TOTAL FEE \$ 600
DCA Training Fee \$ 0

C. CERTIFICATION IN LIEU OF OATH
I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

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

(*)

12-24-97

DNV only

2-4-99

Trap 9 1/2 cond line

2 Yorker need lower side valves

3 Bay and line not stuck off

COMMERCIAL

Manuel Antonio

2017

9773

(60)

Amanda, Melissa
Chris Rob

TOWNSHIP OF BRICK

ZONING PERMIT

Date of Issue: September 23, 1998 1998 - 1588

Block 470.01 Lot 16 Zone B-2, G.B.

Property Address: 595 Brick Boulevard

Owner: WaWa, Inc. (Phone): (610) 358-6861

Applicant: Carl Pursell (Phone): (609) 227-1001

Existing Use: Vacant lot.

Proposed Use: WaWa Food Market.

Proposed Construction (if any): One-story building, "66'8" by 60'8"; 24' high;
4,139 square feet.

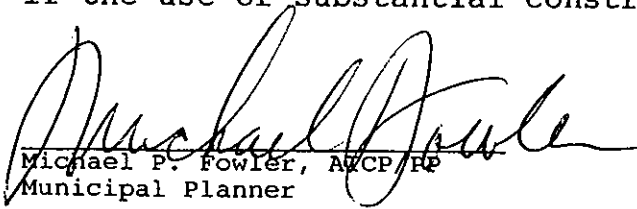
Conditions: Site plan approved by Planning Board.

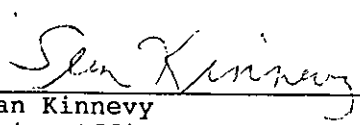
Case No. PB-2236-PSP-V/FSP-12/97.

Resolution No. R-36-98 approved May 13, 1998.

Maps signed September 23, 1998.

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


Michael P. Fowler, AZCP/RE
Municipal Planner


Sean Kinnevy
Zoning Officer

TOWNSHIP OF BRICK
Zoning Permit Application
(Please Type or Print Neatly)

BLOCK 470.01 LOT 16
PROPERTY ADDRESS ~~12200~~ The Brook Blvd + Cedar Bridge 595 Brick Blvd
NAME OF OWNER Wawa Inc OWNER'S PHONE (610) 358 6861
NAME OF APPLICANT 260 Baltimore Pike Wawa PA 19063/Carl R Purse
APPLICANT'S COMPLETE ADDRESS 1739 Chestnut Rd. Blackwood NJ 08012
APPLICANT'S PHONE NUMBER (609) 227-1001 APPLICANT'S BUSINESS NAME N/A

PRESENT USE OF PROPERTY (check one)

- ☒ Vacant Lot ☐ Single Family Dwelling ☐ Condo or Apartment
☒ Commercial (please describe) Conv Store
☐ Other (please describe) _____

PROPOSED USE OF PROPERTY (check one)

- ☐ Vacant Lot ☐ Single Family Dwelling ☐ Condo or Apartment
☒ Commercial (please describe) Conv Store
☐ Other (please describe) _____

PROPOSED CONSTRUCTION

NEW CONSTRUCTION

All Dimensions 60' 8" W 60' 8" L 24 Ht
Deck or Garage ☐ Attached ☐ Detached
Fence Type _____ Ht _____

CHECKLIST:

- ☐ All information completed above
☐ Two (2) accurate Survey / Plot Plans containing:
 ☐ all existing and proposed structures
 ☐ all dimensions of lot and structures
 ☐ set backs to all property lines
 ☐ all streets and waterways shown
☐ If approved by Planning Board or Board of Adjustments, include copy of resolution

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

Signature of Applicant Carl R Purse Date 6-22-98

Reviewed by Zoning Officer _____ Date 9/23/98 ☒ Approved ☐ Rejected

COMMERCIAL

**THE BRICK TOWNSHIP
MUNICIPAL UTILITIES AUTHORITY**

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

CERTIFICATE OF COMPLIANCE

Date..... 2/10/99.....

NAME..... Wawa Inc.

ADDRESS..... 260 W. Baltimore Pike Wawa, PA 19063

PROPERTY LOCATION..... 595 Brick Blvd.

Account No..... I404007 Block..... 470.01 Lot..... 15-
I404015

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.....

Gatti Evan



dlb associates consulting engineers, p.c.
1001 Wickapecko Drive ▪ Wanamassa, NJ ▪ 07712

October 22, 1998

Marcel Renson
401 Chambers Bridge Road
Bricktown, NJ 08723

Re: Wawa Store Short Circuit Analysis
(dlb # 11089-03)

Dear Mr. Renson:

Attached is a copy of the short circuit calculations for the new Wawa store on Brick Boulevard and Cedar Bridge Avenue. Please note that all electrical panels are rated for **22,000 AIC** as noted on drawing E-2. Based on our calculations the available fault current at the meter will be less than **19,000 AIC**. This calculation was performed using the following worst case scenario:

- 75' from the electric service to the utility pole plus 30' up the pole to the transformer,
- 2 sets of (4) 350 kcmil,
- (3) 75 KVA transformers on the pole with an available short circuit current of **34,000 amps**.

Should you have any questions, please do not hesitate to contact this office.

Very truly yours,

Tom Bucsku
DLB ASSOCIATES CONSULTING ENGINEERS, P.C.

DESIGN INFORMATION

This design is for an individual building component and has been based on information provided by the client. The designer disclaims any responsibility for damages as a result of faulty or incorrect information, specifications and/or design furnished to the trust designer by the client and the correctness or accuracy of this information as it may relate to a specific project and accepts no responsibility or exercises no control with regard to fabrication, handling, shipment and installation of trusses. This truss has been designed as an individual building component in accordance with "TPI-95" and "NDS-91" to be incorporated as part of the building design by a building Designer (registered architect or professional engineer). When reviewed for approval by the building designer, the design loading shown must be checked to be sure that the data shown are in agreement with the local building codes, local climatic records for wind or snow loads, project specifications or special applied loads. Unless shown, truss has not been designed for storage or occupancy loads. The design assumes compression chords (top or bottom) are continuously braced by sheathing unless otherwise specified. Where bottom chords in tension are not fully braced laterally by a properly applied rigid ceiling, they should be braced at a maximum spacing of 10'-0" o.c. Connector plates shall be manufactured from 20 gauge hot dipped galvanized steel meeting ASTM A 653, Grade 40, unless otherwise shown.

FABRICATION NOTES

Prior to fabrication, the fabricator shall review this drawing to verify that this drawing is in conformance with the fabricator's plans and to realize a continuing responsibility for such verification. Any discrepancies are to be put in writing before cutting or fabrication. Plates shall not be installed over knotholes, knots or distorted grain. Members shall be cut for tight fitting wood to wood bearing. Connector plates shall be located on both faces of the truss with nails fully imbedded and shall be sym. about the joint unless otherwise shown. A 5/4 plate is 5" wide x 4" long. A 6/8 plate is 6" wide x 8" long. Stairs (holes) run parallel to the plate length specified. Double cuts on web members shall meet at the centroid of the web unless otherwise shown. Connector plate sizes are minimum sizes based on the forces shown and may need to be increased for certain handling and/or erection stresses. This truss is not to be fabricated with the rebar treated lumber unless otherwise shown. For additional information on Quality Control read "Quality Standard for Metal Plate Connected Wood Trusses, QST-86 and TPI Recommended Code of Standard Practice".

PRECAUTIONARY NOTES

All bracing and erection recommendations are to be followed in accordance with "Handling, Installing & Bracing", HIB-91. Trusses are to be handled with particular care during handling and handling, delivery and installation to avoid damage. Temporary and permanent bracing for holding trusses in a straight and plumb position and for resisting lateral forces shall be designed and installed by others. Careful handling is essential and erection bracing is always required. Normal precautionary action for trusses requires such temporary bracing during installation between trusses to avoid toppling and dominating. The supervision of erection of trusses shall be under the control of persons experienced in the installation of trusses. Professional advice shall be sought if needed. Concentration of construction loads greater than the design loads shall not be applied to trusses at any time. No load other than the weight of the erectors shall be applied to trusses until all fastening and bracing is completed.

BRICK WAFA

PURCELL

WO: 98-6404

TI: A

QTY: 14

TOP CHORDS: 2x6 SPF 1650F-1.5C
BOT CHORDS: 2x6 SPF 2100F-1.8C
WEBS: 2x4 SPF STD (N)
2x4 SPF 1650F-1.5C 7.9
Attach PIGGY-BACK truss to BASE TRUSS with 20 ga. 3X8 nail-on plates or 1/2" x 4" x 8" CDX plywood gusset to both faces of truss at 6'-0" o.c. throughout using (8) 1.5" long TRUSS nails. Or TOE-NAIL to each 2x4 lateral bracing with a minimum of (2) 16d nails each. ALL COMPRESSION Chords are assumed to be continuously braced unless noted otherwise.

Wind analysis based on: ASCE-WMEFS, V = 90 MPH, I=1.10, Mean Hgt. = 21.0 ft., Exp. Cat. C, Internal Pressure Coef. I.
MAX LIVE LOAD DEFLECTION: 1/999
L=0.43" D=0.25" T=0.68"
MAX HORIZONTAL DEFLECTION: T=0.21"
RMB = 1.15

1X4 continuous lateral bracing attached with 2-10d nails each member where shown. Bracing MUST be positioned to provide equal unbraced segments OR 2x4 "W" brace may be nailed flat to edge of web with 12d nails spaced 8' o.c. Brace must extend at least 90% of web length. 2X6 Brace required on any web exceeding 14'. CAUTION - persons erecting trusses should seek advice from local registered engineer regarding erecting and bracing of trusses. MULTIPLE LOADS - This design is the composite result of multiple loads. This design based on chord bracing applied per the following schedule:
Max O.C. 24.0' From To
Bracing shown is for visual purposes only.

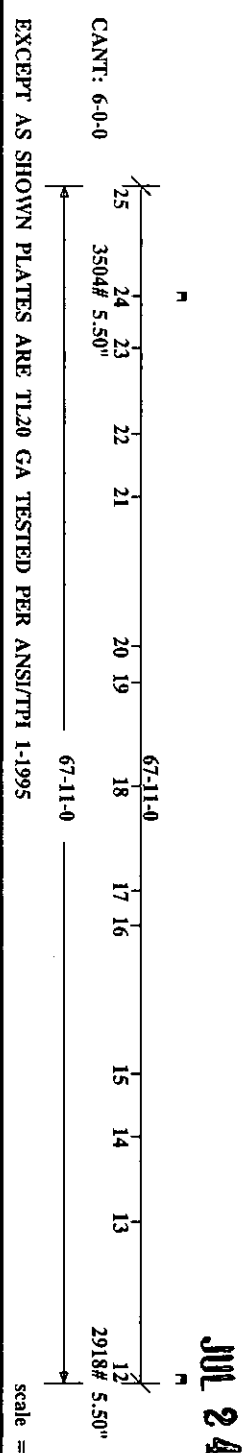
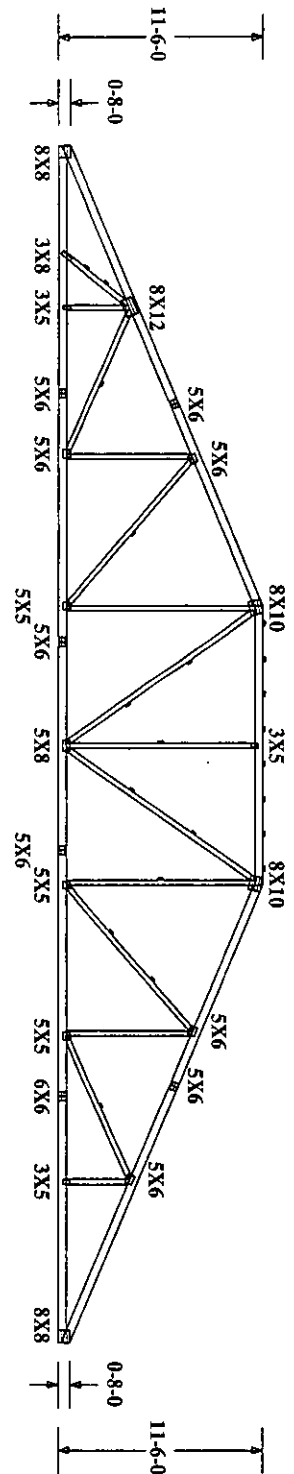
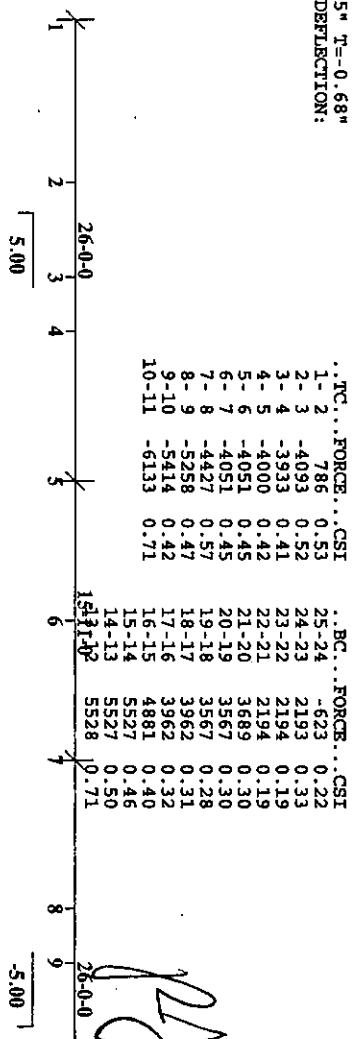
=====Joint Locations=====

1)	0-0	10	58-9-7	19	28-0-0
2) <td>9-1-9</td> <td>11</td> <td>67-11-0</td> <td>20</td> <td>26-0-0</td>	9-1-9	11	67-11-0	20	26-0-0
3) <td>14-6-3</td> <td>12</td> <td>67-11-0</td> <td>21</td> <td>17-6-12</td>	14-6-3	12	67-11-0	21	17-6-12
4) <td>17-6-12</td> <td>13</td> <td>58-9-7</td> <td>22</td> <td>14-0-0</td>	17-6-12	13	58-9-7	22	14-0-0
5) <td>26-0-0</td> <td>14</td> <td>53-11-0</td> <td>23</td> <td>9-1-9</td>	26-0-0	14	53-11-0	23	9-1-9
6) <td>33-11-8</td> <td>15</td> <td>50-4-4</td> <td>24</td> <td>6-2-12</td>	33-11-8	15	50-4-4	24	6-2-12
7) <td>41-11-0</td> <td>16</td> <td>41-11-0</td> <td>25</td> <td>0-0-0</td>	41-11-0	16	41-11-0	25	0-0-0
8) <td>50-4-4</td> <td>17</td> <td>33-11-8</td> <td></td> <td></td>	50-4-4	17	33-11-8		
9) <td>53-4-13</td> <td>18</td> <td>33-11-8</td> <td></td> <td></td>	53-4-13	18	33-11-8		

-----MAX. REACTIONS PER BEARING LOCATION-----

X-LOC	Vert	Horiz	Uplift	Y-LOC	Type
6-2-12	3503	-25	-879	Y-BOT	PIN
67-8-4	2918	0	-506	BOT	H-ROLL

PROVIDE UPLIFT CONNECTION PER SCHEDULE:
Support 1 875#
Support 2 506#



CONCORD TRUSS COMPANY
(609) 845-3848 Fax (609) 845-0831



TEE-LOK COMPONENT ENGINEERING
BY TRUSS ENGINEERING CO
818 SOUNDHIDE ROAD
P.O. BOX 585
EDMONTON, NC. 27932

EXCEPT AS SHOWN PLATES ARE TL20 GA TESTED PER ANSI/TPI 1-1995

WARNING: READ ALL NOTES ON THIS SHEET.
A COPY OF THIS DRAWING TO BE GIVEN TO ERECTING CONTRACTOR.
BRACING WARNING
Bracing shown on this drawing is not erection bracing, wind bracing, portal bracing or similar bracing which is a part of the building design and which must be considered by the building designer. Bracing shown is for lateral support of truss members only to reduce buckling length. Provisions must be made to anchor lateral bracing at ends and specified locations determined by the building designer. Additional bracing of the overall structure may be required (See HIB-91 of TPI). For specific truss bracing requirements, contact building designer. (Truss Plate Institute, TPI is located at 583 D Omlino Drive, Madison, Wisconsin 53719).

Eng. Job: 46200
DWG: 295732
Date: 7-24-98
Truss ID: A
DurFrac - Lbr: 1.15
DurFrac - Plt: 1.15
O.C. Spacing: 24.0"
Design Criteria: BOCA
Code Desc: V:01.27.98-18682-0

scale = 0.0938

DESIGN INFORMATION

This design is for an individual building component and has been based on information provided by the client. The designer disclaims any responsibility for damages as a result of faulty or incorrect information, specifications and/or designs furnished to the trust designer by the client and the correctness or accuracy of this information as it may relate to a specific project and accepts no responsibility or exercises no control with regard to fabrication, handling, shipment and installation of trusses. This truss has been designed as an individual building component in accordance with TPI 95 and NDS-91 to be incorporated as part of the building design by a Building Designer (registered architect or professional engineer). When reviewed for approval by the building designer, the design loadings shown must be checked to be sure that the data shown are in agreement with the local building codes, local climatic records for wind or snow loads, project specifications or special applied loads. Unless shown, truss has not been designed for storage or occupancy loads. The design assumes compression chords (top or bottom) are continuously braced by sheathing unless otherwise specified. Where bottom chords in tension are not fully braced laterally by a properly applied rigid ceiling, they should be braced at a maximum spacing of 10'-0" o.c. Connector plates shall be manufactured from 20 gauge hot dipped galvanized steel meeting ASTM A 653, Grade 40, unless otherwise shown.

FABRICATION NOTES

Prior to fabrication, the fabricator shall review this drawing to verify that this drawing is in conformance with the fabricator's plans and to realize a continuing responsibility for such verification. Any discrepancies are to be put in writing before cutting or fabrication. Plates shall not be installed over knotholes, knots or distorted grain. Members shall be cut for right fitting wood to wood bearing. Connector plates shall be located on both faces of the truss with nails fully imbedded and shall be sym. about the joint unless otherwise shown. A 5/4 plate is 5" wide x 4" long. A 6/8 plate is 6" wide x 8" long. Short (holes) run parallel to the plate length specified. Double cuts on web members shall meet at the centroid of the web unless otherwise shown. Connector plate sizes are minimum sizes based on the forces shown and may need to be increased for certain handling and/or erection stresses. This truss is not to be fabricated with fire retardant treated lumber unless otherwise shown. For additional information on Quality Control read "Quality Standard for Metal Plate Connected Wood Trusses," QST-86 and TPI Recommended Code of Standard Practice.

PRECAUTIONARY NOTES

All bracing and erection recommendations are to be followed in accordance with "Handling, Installing & Bracing," HIB-91. Trusses are to be handled with particular care during handling and bundling, delivery and installation to avoid damage. Temporary and permanent bracing for holding trusses in a straight and planar position and for resisting lateral forces shall be designed and installed by others. Careful handling is essential and erection bracing is always required. Normal precautionary action for trusses requires such temporary bracing during installation between trusses to avoid tipping and doming. The supervision of erection of trusses shall be under the control of persons experienced in the installation of trusses. Professional advice shall be sought if needed. Concentration of construction loads greater than the design loads shall not be applied to trusses at any time. No loads other than the weight of the erectors shall be applied to trusses until after all fastening and bracing is completed.

BRICK WAFA

PURCELL

WO: 98-6404

TI: A1

QTY: 3

TOP CHORDS: 2x6
BOT CHORDS: 2x6
WEBS: 2x4
2x4
2x4
2x4
SPF 1650F-1.5C
SPF STUD (N)
SPF 1650F-1.5C 3,7,9,11
SP SS 6

CAUTION - persons erecting trusses should seek advice from local registered engineer regarding erecting and bracing of trusses. 3-PLY TRUSS! fasten w/10d nails in staggered pattern per nailing schedule: TC- 2 per ft.; BC- 2 per ft. WEBS- 2 per ft. Repeat nailing as each ply is applied. Distribute loads equally to each ply.

Building Designer shall provide adequate bearing area and anchorage.

BEARING AREA REQUIRED.....
ID Brg Size ** Min Size -or- Min Area
1 0-5-8 0-7-7 33.47 sq ft
** size specified by customer

MAX LIVE LOAD DEFLECTION:
L/999
L=0.30" D=-0.17" T=-0.48"
MAX HORIZONTAL DEFLECTION:
T= 0.19"

RMB = 1.00

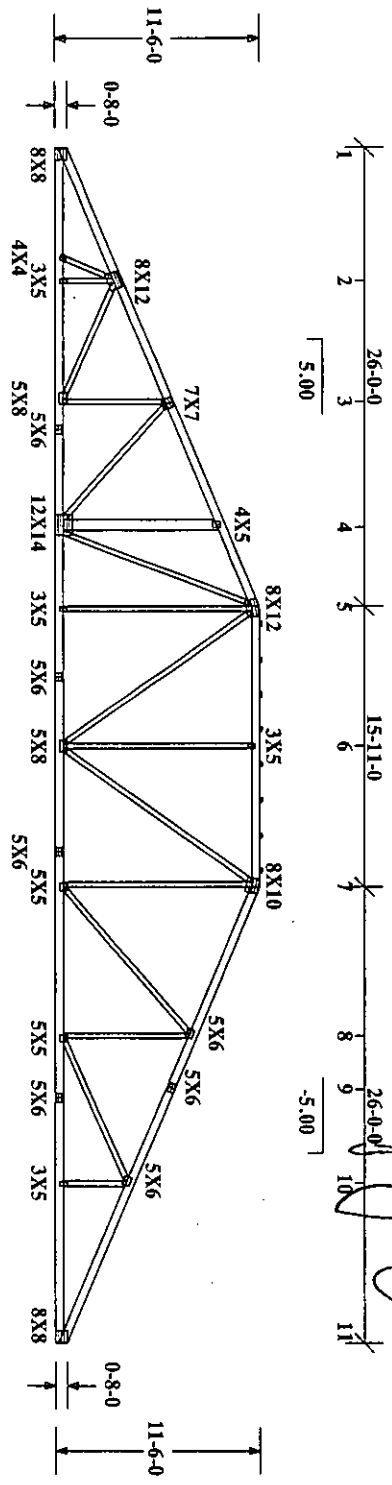
Attach PIGGY-BACK truss to BASE TRUSS with 20 ga. 3x8 nail-on plates or 1/2" x 4" x 8" CDX plywood gussets to both faces of truss at 6'-0" o.c. throughout using (8) 1.5" long TRUSS nails, or TOE-NAIL to each 2x4 lateral bracing with a minimum of (2) 16d nails each MULTIPLE LOADS -- This design is the composite result of multiple loads. All COMPRESSION Chords are assumed to be continuously braced unless noted otherwise. This design based on chord bracing applied per the following schedule:

Max O.C. From To
TC 24'-0" 26'-0" 42'-11-0"
Bracing shown is for visual purposes only. Wind analysis based on: ASCE-7-MF5, V= 90 MPH, I=1.10, Mean Hgt. =21.0 ft, Exp. Cat. C, Internal pressure coef. 1.
PROVIDE UPLIFT CONNECTION PER SCHEDULE:
Support 1 879#
Support 2 506#

=====Joint Locations=====									
1)	0-0-0	10)	58'-9-7	19)	30'-0-0				
2)	7'-6-9	11)	67'-11-0	20)	26'-0-0				
3)	14'-4-12	12)	67'-11-0	21)	21'-9-8				
4)	21'-6-4	13)	58'-9-7	22)	16'-0-0				
5)	26'-0-0	14)	53'-11-0	23)	14'-4-12				
6)	33'-11-8	15)	50'-4-4	24)	7'-6-9				
7)	41'-11-0	16)	41'-11-0	25)	6'-2-12				
8)	50'-4-4	17)	39'-11-0	26)	0'-0-0				
9)	53'-4-13	18)	33'-11-8						

TOTAL DESIGN LOADS									
Uniform	PLF	From	PLF	To					
TC Vert L+D	-74	0-0-0	-74	67'-11-0					
BC Vert L+D	-350	0-0-0	-350	21'-6-4					
BC Vert L+D	-20	21'-6-4	-20	67'-11-0					
BC Vert L+D	Concentrated	LBS	Location						
BC Vert L+D	-5500	21'-6-4							
-----MAX. REACTIONS PER BEARING LOCATION-----									
X-loc	Vert	Horiz	Uplift	X-loc	Type				
6-2-12	14223	-25	-879	Uplift	PIN				
67'-8-4	4763	0	-506	BOT	H-ROLL				

3-PLYS REQUIRED



CANT: 6'-0-0
14223# 7.44"

EXCEPT AS SHOWN PLATES ARE 1/20 GA TESTED PER ANSI/TPI 1-1995

WARNING: READ ALL NOTES ON THIS SHEET. A COPY OF THIS DRAWING TO BE GIVEN TO ERECTING CONTRACTOR.

BRACING WARNING

Bracing shown on this drawing is not erection bracing, wind bracing, portal bracing or similar bracing which is a part of the building design and which must be considered by the building designer. Bracing shown is for lateral support of truss members only to reduce buckling length. Provision must be made to anchor lateral bracing at ends and specified locations determined by the building designer. Additional bracing of the overall structure may be required. (See HIB-91 of TPI) For specific truss bracing requirements, contact building designer. (Truss Plate Institute, TPI is located at 555 D Onofrio Drive, Madison, Wisconsin 53719).



TRUSS ENGINEERING CO
818 SOUNDSIDE ROAD
P. O. BOX 585
EDENTON, NC 27932

Eng. Job:	46200	WO: 98-6404
Dwg:	295733	Truss ID: A1
Design:	JDA	Date: 7-24-98
TC Live	30.0	DurFac - Lbr: 1.15
TC Dead	7.0	DurFac - Plt: 1.15
BC Live	0.0	O.C. Spacing: 24.0"
BC Dead	10.0	Design Criteria: BOCA
TOTAL	47.0	Code Desc:
	psf	V: 01.27.98-18919-0

JUL 24 1998

scale = 0.0938



CONCORD TRUSS COMPANY
(609) 845-3848 Fax (609) 845-0831

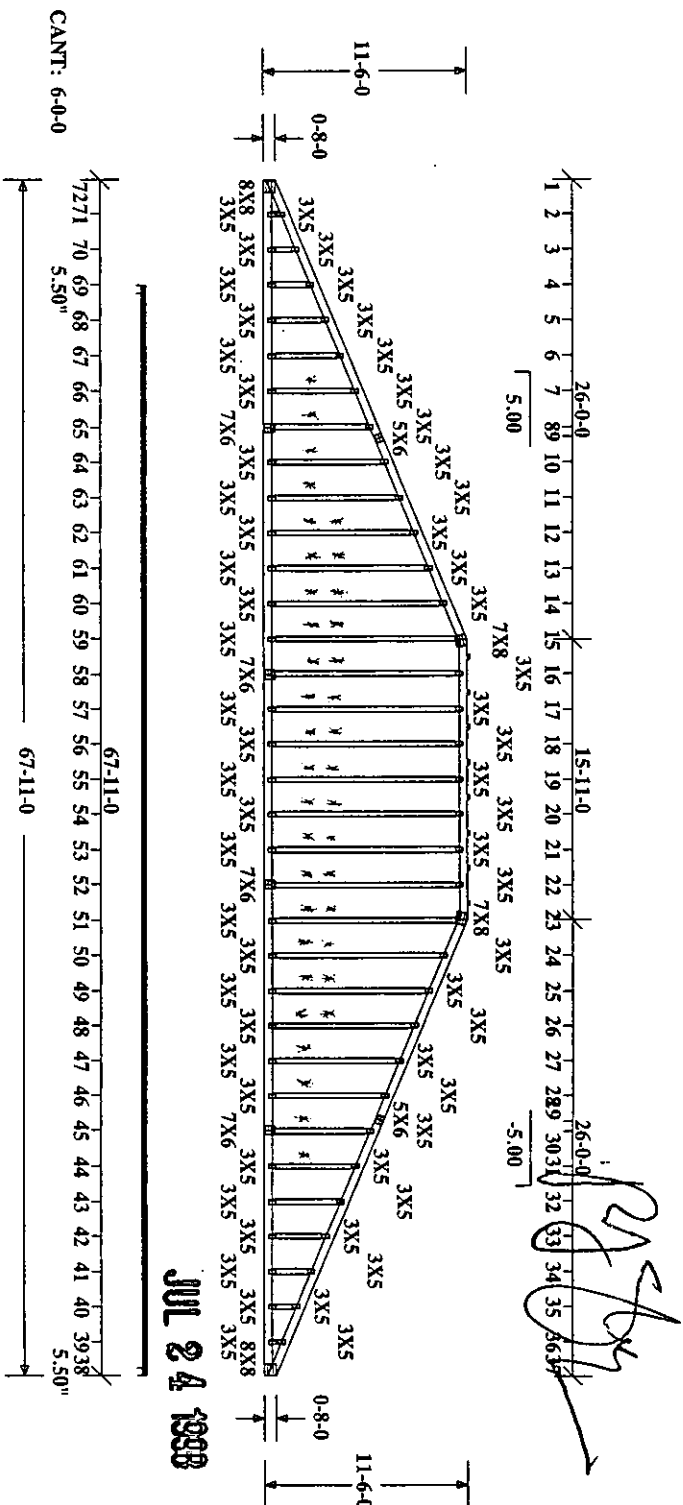
45-11-

PRECAUTIONARY NOTES

PRECAUTIONARY NOTES

is completed.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Point	0	1	1	5	7	9	11	13	14	15	17	19	21	23	26	27	29	31	31	35	37	39	41	43
Locations	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	
	0	1	1	5	7	9	11	13	14	15	17	19	21	23	26	27	29	31	31	35	37	39	41	43
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	0	1	1	5	7	9	11	13	14	15	17	19	21	23	26	27	29	31	31	35	37	39	41	43
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	0	1	1	5	7	9	11	13	14	15	17	19	21	23	26	27	29	31	31	35	37	39	41	43
	0	1	1	5	7	9	11	13	14	15	17	19	21	23										



JUL 24 1938

EXCEPT AS SHOWN PLATES ARE TL20 GA TESTED PER ANSI/TPI 1-1995

Cont. Support

Studs @ 2-0-0 o.c.

scale = 0.0938

CONCORD

CONCORD TRUSS COMPANY
(609) 845-3848 Fax: (609) 845-0831

WARNING: READ ALL NOTES ON THIS SHEET
A COPY OF THIS DRAWING TO BE GIVEN TO ERECTING
CONTRACTOR.
BRACING WARNING



**COMPONENT
ENGINEERING**
By
TRUSS ENGINEERING CO.
818 SOUNDSIDE ROAD
P. O. BOX 585
EDENTON, N.C. 27932

Eng. Job: 46200
Dwg: 295734
Dsgnr: JDA Chk: 

TC Live	0.0	psf
TC Dead	0.0	psf
BC Live	0.0	psf
BC Dead	0.0	psf
TOTAL	0.0	nsf

WU: 98-0404
Truss ID: AG
Date: 7-24-98

DurFac - Lbr: 1.15
DurFac - Plt: 1.15
O.C. Spacing: 24.0"
Design Criteria: BOCA
Code Desc:
V-0127 98-18684-2

DESIGN INFORMATION

This design is for an individual building component and has been based on information provided by the client. The designer disclaims any responsibility for damages as a result of faulty or incorrect information, specifications and/or designs furnished to the truss designer by the client and the correctness or accuracy of this information as it may relate to a specific project and accepts no responsibility or liability for any errors or omissions in the design, handling, shipment and installation of trusses. This truss has been designed as an individual building component in accordance with "TPI-95" and "NDS-91" to be incorporated as part of the building design by a Building Designer (registered architect or professional engineer). When reviewed for approval by the building designer, the design loadings shown must be checked to be sure that the data shown are in agreement with the local building codes, local climatic records for wind or snow loads, project specifications or special applied loads. Unless shown, truss has not been designed for storage or occupancy loads. The design assumes compression chords (top or bottom) are continuously braced by sheathing unless otherwise specified. Where bottom chords in tension are not fully braced laterally by a properly applied rigid ceiling, they should be braced at a maximum spacing of 10'-0" o.c. Connector plates shall be manufactured from 20 gauge hot dipped galvanized steel meeting ASTM A 653, Grade 40, unless otherwise shown.

FABRICATION NOTES

Prior to fabrication, the fabricator shall review this drawing to verify that this drawing is in conformance with the fabricator's plans and to realize a continuing responsibility for such verification. Any discrepancies are to be put in writing before cutting or fabrication. Plates shall not be installed over knotholes, knots or distorted grain. Members shall be cut for tight fitting wood to wood bearing. Connector plates shall be located on both faces of the truss with nails fully imbedded and shall be sym. about the joint unless otherwise shown. A 5/4 plate is 5" wide x 4" long. A 6/8 plate is 6" wide x 8" long. Slots (holes) run parallel to the plate length specified. Double cuts on web members shall meet at the centroid of the web unless otherwise shown. Connector plate sizes are minimum sizes based on the forces shown and may need to be increased for certain handling and/or erection stresses. This truss is not to be fabricated with fire retardant treated lumber unless otherwise shown. For additional information on Quality Control read "Quality Standard for Metal Plate Connected Wood Trusses, OST-86 and TPI Recommended Code of Standard Practice."

PRECAUTIONARY NOTES

All bracing and erection recommendations are to be followed in accordance with "Handling, Installing & Bracing", HIB-91. Trusses are to be handled with particular care during banding and bundling, delivery and installation to avoid damage. Temporary and permanent bracing for holding trusses in a straight and plumb position and for installing lateral forces shall be designed and installed by others. Careful handling is essential and erection bracing is always required. Normal precautionary action for trusses requires such temporary bracing during installation between trusses to avoid toppling and dominating. The supervision of erection of trusses shall be under the control of persons experienced in the installation of trusses. Professional advice shall be sought if needed. Concentration of construction loads greater than the design loads shall not be applied to trusses at any time. No loads other than the weight of the erector shall be applied to trusses until after all fastening and bracing is completed.

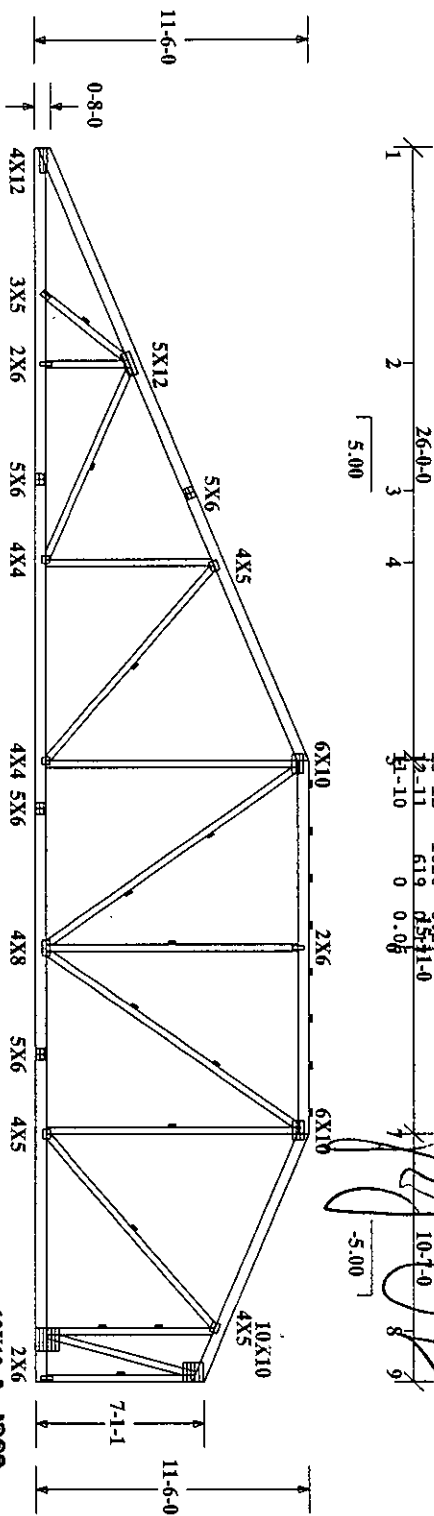
BRICK WAWA

TOP CHORDS: 2x6 SPF 1650F-1.5C
BOT CHORDS: 2x6 SPF 1650F-1.5C
WEBS: 2x4 SPF STUD (N)
2x4 SPF 1650F-1.5C 7, 9
Attach PIGGY-BACK truss to BASE TRUSS with 20 ga. 3X8 nail-on plates or 1/2" x 4" x 8" CDX plywood gussets to both faces of truss at 6.0' o.c. throughout using (8) 1.5" long TRUSS nails, or TOE-NAIL to each 2x4 lateral bracing with a minimum of (2) 16d nails each. All COMPRESSION Chords are assumed to be continuously braced unless noted otherwise.

Wind analysis based on: ASCE-WMPFS, V= 90 MPH, I=1.10, Mean Hgt.=21.0 ft, Exp. Cat. C, Thermal pressure coef: 1.
MAX LIVE LOAD DEFLECTION: L/999
L=0.15" D=0.08" T=0.23" MAX HORIZONTAL DEFLECTION: T=0.10" RMB = 1.15

1x4 continuous lateral bracing attached with 2-10d nails each member where shown. Bracing MUST be positioned to provide equal unbraced segments OR 2x4 "T" brace may be nailed flat to edge of web with 12d nails spaced 8" o.c. Brace must extend on any web exceeding 14'. CAUTION - persons erecting trusses should seek advice from local registered engineer regarding erecting and bracing of trusses. MULTIPLE LOADS -- This design is the composite result of multiple loads. End vertical(s) not designed for exposure to lateral wind pressure. PROVIDE UPLIFT CONNECTION PER SCHEDULE: Support 1 794# Support 2 541#

TC..	FORCE..	CSI	BC..	FORCE..	CSI
1-2	815	0.53	21-20	-637	0.23
2-3	-2918	0.48	20-19	1675	0.35
3-4	-2758	0.38	19-18	1677	0.22
4-5	-2595	0.38	18-17	1677	0.23
5-6	-2234	0.37	17-16	2596	0.34
6-7	-2234	0.37	16-15	2272	0.31
7-8	-1891	0.34	15-14	2272	0.28
8-9	-591	0.27	14-13	1626	0.22
			13-12	1626	0.27
			12-11	619	0.06
			11-10	0	0.06



CANT: 6-0-0 21 20 19 18 17 16 15 14 13 12 11 10 2193# 5.50" 52'-6-0 52'-6-0 2193# 5.50" scale = 0.1250

EXCEPT AS SHOWN PLATES ARE TL20 GA TESTED PER ANSI/TPI 1-1995

WARNING: READ ALL NOTES ON THIS SHEET. A COPY OF THIS DRAWING TO BE GIVEN TO ERECTING CONTRACTOR.

BRACING WARNING

Bracing shown on this drawing is not erection bracing, wind bracing, portal bracing or similar bracing which is a part of the building design and for which support of truss members only to reduce buckling length. Provisions must be made to anchor lateral bracing at ends and specified locations determined by the building designer. Additional bracing of the overall structure may be required (See HIB-91 of TPI). For specific truss bracing requirements, contact building designer. (Truss Plate Institute, TPI is located at 583 D Onofrio Drive, Madison, Wisconsin 53719).



COMPONENT ENGINEERING BY TRUSS ENGINEERING CO 818 SOUNDSIDE ROAD P.O. BOX 585 EMBENTON, NC 27932

Eng. Job: 46200
Dwg: 295735
Dsgn: JDA Cbk: 1
TC Live 30.0 psf
TC Dead 7.0 psf
BC Live 0.0 psf
BC Dead 10.0 psf
TOTAL 47.0 psf

WO: 98-6404
Truss ID: B
Date: 7-24-98
DurFac - Lbr: 1.15
DurFac - Plt: 1.15
O.C. Spacing: 24.0"
Design Criteria: BOCA
Code Desc: V-01.27.98-18685-3

DESIGN INFORMATION

This design is for an individual building component and has been based on information provided by the client. The designer disclaims any responsibility for damages as a result of faulty or incorrect information, specifications and/or designs furnished to the truss designer by the client and the correctness or accuracy of this information as it may relate to a specific project and accepts no responsibility or liability for control with regard to fabrication, handling, shipment and installation of trusses. This truss has been designed as an individual building component in accordance with "TPI-99" and "NDS-91" to be incorporated as part of the building design by a Building Designer (registered architect or professional engineer). When reviewed for approval by the building designer, the design loadings shown must be checked to be sure that the data shown are in agreement with the local building codes, local climatic records for wind or snow loads, project specifications or special applied loads. Unless shown, truss has not been designed for storage or occupancy loads. The design assumes compression chords (top or bottom) are continuously braced by sheathing unless otherwise specified. Where bottom chords in tension are not fully braced laterally by a properly applied rigid ceiling, they should be braced at a maximum spacing of 10'-0" o.c. Connector plates shall be manufactured from 20 gauge hot dipped galvanized steel meeting ASTM A 653, Grade 40, unless otherwise shown.

FABRICATION NOTES

Prior to fabrication, the fabricator shall review this drawing to verify that this drawing is in conformance with the fabricator's plans and to realize a continuing responsibility for such verification. Any discrepancies are to be put in writing before cutting or fabrication. Plates shall not be installed over knotholes, knots or distorted grain. Members shall be cut for tight fitting wood to wood bearing. Connector plates shall be located on both faces of the truss with nails fully imbedded and shall be sym. about the joint unless otherwise shown. A 5/4 plate is 5" wide x 4" long. A 6x8 plate is 6" wide x 8" long. Slots (holes) run parallel to the plate length specified. Double cuts on web members shall meet at the centroid of the webs unless otherwise shown. Connector plate sizes are minimum sizes based on the forces shown and may need to be increased for certain handling and/or erection stresses. This truss is not to be fabricated with fire retardant treated lumber unless otherwise shown. For additional information on Metal Plate Connected Wood Trusses, QST-86 and TPI Recommended Code of Standard Practice.

PRECAUTIONARY NOTES

All bracing and erection recommendations are to be followed in accordance with "Handling, Installing & Bracing", HIB-91. Trusses are to be handled with particular care during banding and bundling, delivery and installation to avoid damage. Temporary and permanent bracing for holding trusses in a straight and plumb position and for resisting lateral forces shall be designed and installed by others. Careful handling is essential and erection bracing is always required. Normal precautionary action for trusses requires such temporary bracing during installation between trusses to avoid toppling and dominoing. The supervision of erection of trusses shall be under the control of persons experienced in the installation of trusses. Professional advice shall be sought if needed. Concentration of construction loads greater than the design loads shall not be applied to trusses at any time. No loads other than the weight of the erectors shall be applied to trusses until after all fastening and bracing is completed.

TOP CHORDS: 2x6
BOT CHORDS: 2x6
WEBS: 2x4
2x4
2x4
2x8
SPF 1650F-1.5C
SPF 1650F-1.5C
SPF 1650F-1.5C
SPF SS

CAUTION - persons erecting trusses should seek advice from local registered engineer regarding erecting and bracing of trusses. End vertical (s) not designed for exposure to lateral wind pressure.

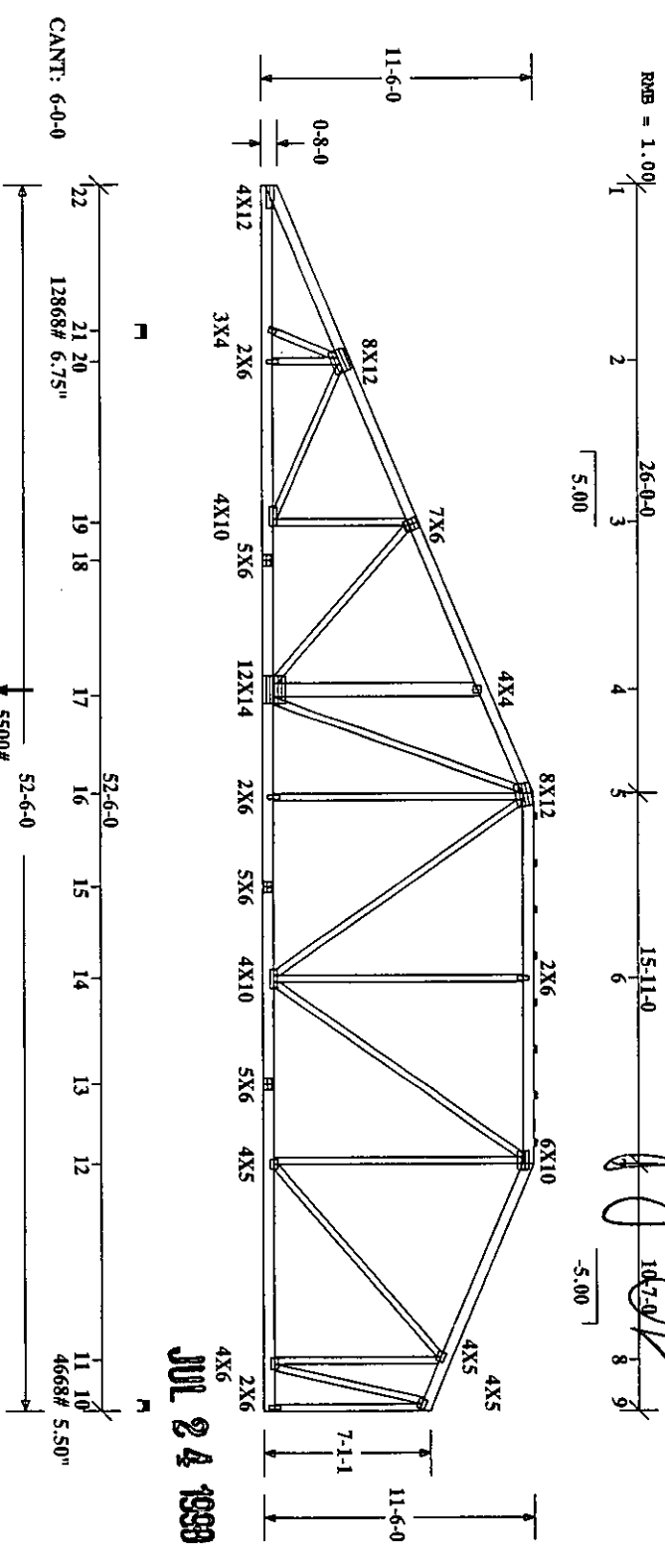
This design based on chord bracing applied per the following schedule:
Max O.C. From To
TC 24.0' 26.0' 0 52.6' 0
Bracing shown is for visual purposes only.

Building Designer shall provide adequate bearing area and anchorage.
BEARING AREA REQUIRED.....
ID Bag size ** Min Size -or- Min Area
1 0-5-8 0-6-12 30.28 sq
** size specified by customer
MAX LIVE LOAD DEFLECTION:
L/999
L=0.13" D=0.11" T=0.29"
MAX HORIZONTAL DEFLECTION:
T=0.09"

3-PLYS REQUIRED

Attach PIGGY-BACK truss to BASE TRUSS with 20 ga. 3x8 nail-on plates or 1/2" x 4" x 8" CDX plywood gussets to both faces of truss at 6'-0" o.c. throughout using (8) 1.5" long TRUSS nails, or TOE-NAIL to each 2x4 lateral bracing with a minimum of (2) 16d nails each MULTIPLE LOADS -- This design is the composite result of multiple loads. All COMPRESSION Chords are assumed to be continuously braced unless noted otherwise. 3-PLY TRUSS1 fasten w/10d nails in staggered pattern per nailing schedule: TC- 2 per ft. BC- 2 per ft. WEBS- 2 per ft. Repeat nailing as each ply is applied. Distribute loads equally to each ply. Wind analysis based on: ASCE-7MF5, V= 90 MPH, I=1.10, Mean Hgt.=21.0 ft, Exp. Cat. C, Internal pressure coef. I. PROVIDE UPLIFT CONNECTION PER SCHEDULE: Support 1 794# Support 2 541#

TOTAL DESIGN LOADS			
Uniform	PLF	From	To
TC Vert L+D	-74	0-0-0	-74 52.6-0
BC Vert L+D	-350	0-0-0	-350 21.6-4
BC Vert L+D	-20	21.6-4	-20 52.6-0
Concentrated	ISS	Location	
BC Vert L+D	-5500	21.6-4	
MAX. REACTIONS PER BEARING LOCATION-----			
X-Loc	Vert Horiz	Uplift Y-Loc	Type
6-2-12	12868	88	-794 BOT PIN
52-3-4	4668	0	-541 BOT H-ROLL



EXCEPT AS SHOWN PLATES ARE T120 GA TESTED PER ANSI/TPI 1-1995

WARNING: READ ALL NOTES ON THIS SHEET.

BRACING WARNING

Bracing shown on this drawing is not erection bracing. Wind bracing, partial bracing or similar bracing which is a part of the building design and which must be considered by the building designer. Bracing shown is for lateral support of truss members only to reduce buckling length. Provisions must be made to anchor lateral bracing at ends and specified locations determined by the building designer. Additional bracing of the overall structure may be required. (See HIB-91 of TPI). For specific truss bracing requirements, contact building designer. (Truss Plate Institute, TPI is located at 583 D Onofrio Drive, Madison, Wisconsin 53719).



COMPONENT ENGINEERING

TRUSS ENGINEERING CO
818 SOUNDSIDE ROAD
P.O. BOX 585
EDENTON, NC 27932

Eng. Job:	46200	WO: 98-6404
Dwg:	295736	Truss ID: B1
Dsgnr:	JDA	Date: 7-24-98
TC Live	30.0	DurFac - Lbr: 1.15
TC Dead	7.0	DurFac - Plt: 1.15
BC Live	0.0	O.C. Spacing: 24.0"
BC Dead	10.0	Design Criteria: BOCA
TOTAL	47.0	Code Desc:
		V-01.27.98-18918-0

JUL 24 1998

DESIGN INFORMATION

This design is for an individual building component and has been based on information provided by the client. The designer disclaims any responsibility for damages as a result of faulty or incorrect information, specifications and/or designs furnished to the truss designer by the client and the correctness or accuracy of this information as it may relate to a specific project and accepts no responsibility or liability for errors or omissions with regard to fabrication, handling, shipment and installation of trusses. This truss has been designed as an individual building component in accordance with TPI-95 and "WDS-91" to be incorporated as part of the building design by a Building Designer (registered architect or professional engineer). When reviewed for approval by the building designer, the design loadings shown must be checked to be sure that the data shown are in agreement with the local building codes, local climatic records for wind or snow loads, project specifications or special applied loads. Unless shown, truss has not been designed for storage or occupancy loads. The design assumes compression chords (top or bottom) are continuously braced by sheathing unless otherwise specified. Where bottom chords in tension are not fully braced laterally by a properly applied rigid ceiling, they should be braced at a maximum spacing of 10'-0" o.c. Connector plates shall be manufactured from 20 gauge hot dipped galvanized steel meeting ASTM A 653, Grade 40, unless otherwise shown.

FABRICATION NOTES

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BRICK WAWA

PURCELL

WO: 98-6404

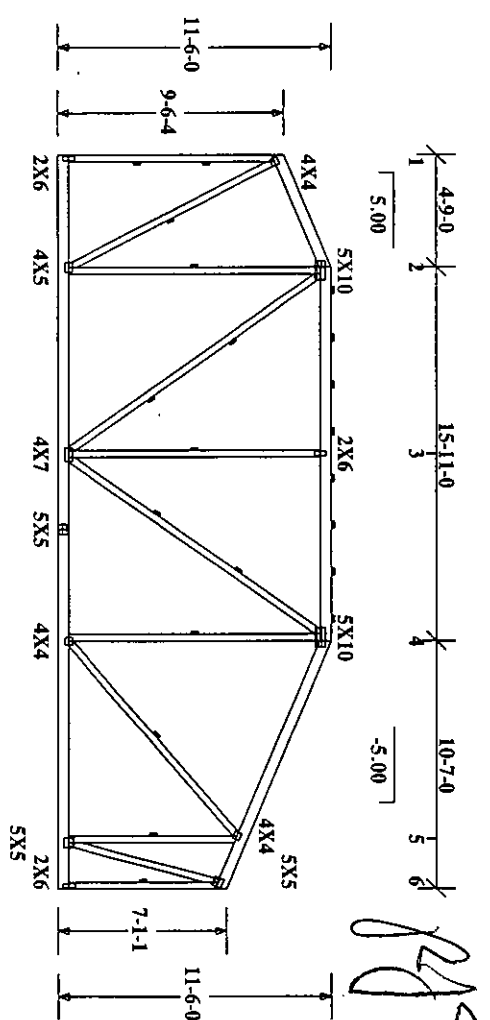
TI: C

QTY: 6

TOP CHORDS: 2x6 SPF 1650F-1.5C
BOT CHORDS: 2x6 SPF 1650F-1.5C
WEBS: 2x4 SPF 1650F-1.5C (N)
2x4 SPF 1650F-1.5C 4, 6
Attach PIGGY-BACK truss to BASE TRUSS with 20 ga. 3/8 nail-on plates or 1/2" x 4" x 8" CMX plywood gussetts to both faces of truss at 6'-0" o.c. throughout using (8) 1.5" long TRUSS nails. Or TOR-NAIL to each 2x4 lateral bracing with a minimum of (2) 16d nails each per the following schedule:
Max O.C. From To
TC 24'-0" 0-0-0 31'-3-0
Bracing shown is for visual purposes only.
MAX LIVE LOAD DEFLECTION:
L/999
L=0.07" D=0.04" T=-0.11"
MAX HORIZONTAL DEFLECTION:
T=0.02"
RMB = 1.15

1x4 continuous lateral bracing attached with 2-10d nails each member where shown. Bracing MUST be positioned to provide equal unbraced segments OR 2x4 "M" brace may be nailed flat to edge of web with 12d nails spaced 8' o.c. Brace must extend at least 90% of web length 2x6 Brace required on any web exceeding 14'. MULTIPLE LOADS -- This design is the composite result of multiple loads. All COMPRESSION Chords are assumed to be continuously braced unless noted otherwise. Wind analysis based on: ASCE-MWFs, V= 90 MPH, I=1.10, Mean Hgt.=21.0 ft, Exp. Cat. C, internal pressure coef. I.

-----Joint Locations-----
1) 0-0-0 6) 31'-3-0 11) 12'-8-8
2) 4'-9-0 7) 31'-3-0 12) 4'-9-0
3) 12'-8-8 8) 29'-1-4 13) 0-0-0
4) 20'-8-0 9) 20'-8-0
5) 29'-1-4 10) 15'-11-0
-----MAX. REACTIONS PER BEARING LOCATION-----
X-LOC Vert Horiz Uplift Y-LOC Type
0-2-12 1468 -33 -383 BOT PIN
31'-0-4 1468 0 -409 BOT H-ROLL
End vertical (s) not designed for exposure to lateral wind pressure.
PROVIDE UPLIFT CONNECTION PER SCHEDULE:
Support 1 383#
Support 2 409#



Handwritten signature/initials

JUL 24 1998

EXCEPT AS SHOWN PLATES ARE T120 GA TESTED PER ANSI/TPI 1-1995

scale = 0.1250



WARNING: READ ALL NOTES ON THIS SHEET.
A COPY OF THIS DRAWING TO BE GIVEN TO ERECTING CONTRACTOR.
BRACING WARNING
Bracing shown on this drawing is not erection bracing, wind bracing, portal bracing or similar bracing which is a part of the building design and which must be considered by the building designer. Bracing shown is for lateral support of truss members only to reduce buckling length. Provisions must be made to anchor lateral bracing at ends and specified locations determined by the building designer. Additional bracing of the overall structure may be required. (See TIB-91 of TPI). For specific truss bracing requirements, contact building designer. (Truss Institute, TPI is located at 383 D'Onofrio Drive, Madison, Wisconsin 53719).



CONCORD TRUSS COMPANY
(609) 845-3848 Fax (609) 845-0831

TEE-LOK COMPONENT ENGINEERING BY TRUSS ENGINEERING CO 818 SOUNDSIDE ROAD P.O. BOX 585 EDENTON, NC 27932

CONCORD TRUSS COMPANY
(609) 845-3848 Fax (609) 845-0831

Design: Martin Analysis
JOB PATH: C:\22198-6404.CTC

CONCORD TRUSS COMPANY
(609) 845-3848 Fax (609) 845-0831

Eng. Job: 46200
Dwg: 295737
Dsgnr: JDA Chk: *[Signature]*

WO: 98-6404
Truss ID: C
Date: 7-24-98
DurFac - Lbr: 1.15
DurFac - Pfr: 1.15
O.C. Spacing: 24.0"
Design Criteria: BOCA
Code Desc: V:01.27.98-18687-5

295738 46200

DESIGN INFORMATION

This design is for an individual building component and has been based on information provided by the client. The designer disclaims any responsibility for damages as a result of faulty or incorrect information, specifications and/or design furnished to the trust designer by the client and the correctness or accuracy of this information as it may relate to a specific project and accepts no responsibility or exercises no control with regard to fabrication, handling, shipment and installation of trusses. This truss has been designed as an individual building component in accordance with TPI 95 and NDS-91 to be incorporated as part of the building design by a building Designer (registered architect or professional engineer). When reviewed for approval by the building designer, the design headings shown must be checked to be sure that the data shown are in agreement with the local building codes, local climatic records for wind or snow loads, project specifications or special applied loads. Unless shown, truss has not been designed for storage or occupancy loads. The design assumes compression chords (top or bottom) are continuously braced by sheathing unless otherwise specified. Where bottom chords in tension are not fully braced laterally by a properly applied rigid ceiling, they should be braced at a maximum spacing of 10'-0" o.c. Connector plates shall be manufactured from 20 gauge hot dipped galvanized steel meeting ASTM A 653, Grade 40, unless otherwise shown.

FABRICATION NOTES

Prior to fabrication, the fabricator shall review this drawing to verify that this drawing is in conformance with the fabricator's plans and to realize a continuing responsibility for such verification. Any discrepancies are to be put in writing before cutting or fabrication. Plates shall not be installed over knotholes, knots or distorted grain. Members shall be cut for tight fitting wood to wood bearing. Connector plates shall be located on both faces of the truss with nails fully imbedded and shall be sym. about the joint unless otherwise shown. A 5/4 plate is 5" wide x 4" long. A 6/8 plate is 6" wide x 8" long. Slots (holes) run parallel to the plate length specified. Double cuts on web members shall meet at the centroid of the webs unless otherwise shown. Connector plate sizes are minimum sizes based on the forces shown and may need to be increased for certain handling and/or erection stresses. This truss is not to be fabricated with fire retardant treated lumber unless otherwise shown. For additional information on Quality Control read "Quality Standard for Metal Plate Connected Wood Trusses, QST-86 and TPI Recommended Code of Standard Practice".

PRECAUTIONARY NOTES

All bracing and erection recommendations are to be followed in accordance with "Handling, Installing & Bracing", HIB-91. Trusses are to be handled with particular care during banding and bundling, delivery and installation to avoid damage. Temporary and permanent bracing for holding trusses in a straight and plumb position and for resisting lateral forces shall be designed and installed by others. Careful handling is essential and erection bracing is always required. Normal precautionary action for trusses requires such temporary bracing during installation between trusses to avoid toppling and dominoing. The supervision of erection of trusses shall be under the control of persons experienced in the installation of trusses. Professional advice shall be sought if needed. Concentration of construction loads greater than the design loads shall not be applied to trusses at any time. No loads other than the weight of the erectors shall be applied to trusses until after all fastening and bracing is completed.

BRICK WAWA

PURCELL

WO: 98-6404

TI: D

QTY: 2

TOP CHORDS: 2x6 SPF 1650F-1.5C
BOT CHORDS: 2x6 SPF 1650F-1.5C
WEBS: 2x4 SPF 1650F-1.5C (N)
2x4 SPF 1650F-1.5C 2, 8
This 2-Ply truss designed to carry 31' 3" span split-framed to opposite face 2' 0" span split-framed to opposite face per the following schedule:
Bracing shown is for visual purposes only.

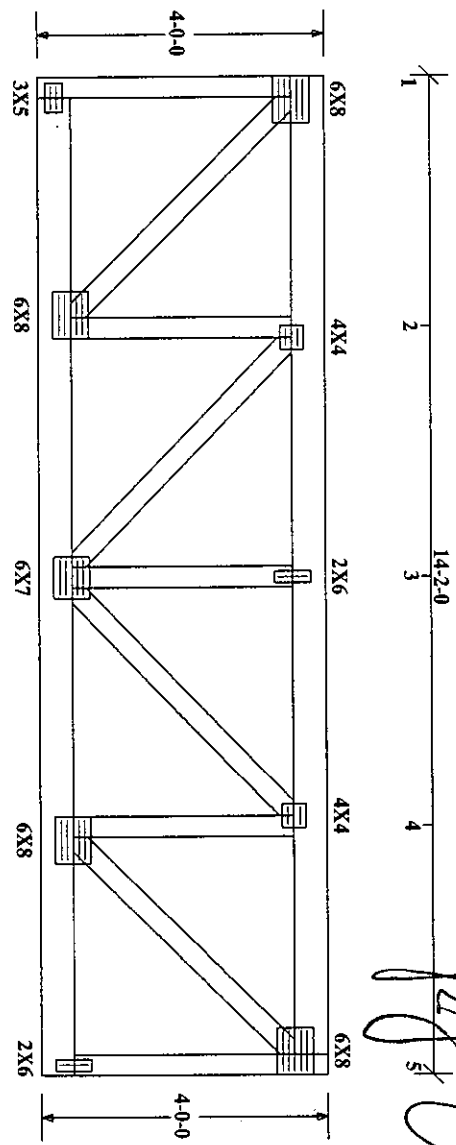
This truss has not been designed for ROOF PONDING. Building designer must provide adequate drainage to prevent ponding. (0.25 in./ft. min. slope to drain). Trusses must be marked to prevent UPSIDE DOWN erection.

MAX LIVE LOAD DEFLECTION:
L/999
L=0.06" D=0.03" T=0.09"
MAX HORIZONTAL DEFLECTION:
T=0.02"
RMB = 1.00

MULTIPLE LOADS -- This design is the composite result of multiple loads. ALL COMPRESSION CHORDS are assumed to be continuously braced unless noted otherwise. End vertical(s) not designed for exposure to lateral wind pressure.
2-Ply TRUSS1 fasten w/10d nails in staggered pattern per nailing schedule: TC-2 per ft. BC-4 per ft. WEBS-2 per ft. Distribute loads equally to each ply.
Wind analysis based on: ASCE-MWFS, V=90 MPH, I=1.10, Mean Hgt.=21.0 ft, Exp. Cat. C, Internal pressure coeff. I.
PROVIDE UPLIFT CONNECTION PER SCHEDULE:
Support 1 1634#
Support 2 1634#

Joint Locations-----									
1) 0-0-0	2) 3-6-8	3) 7-1-0	4) 10-7-8	5) 14-2-0	6) 14-2-0	7) 10-7-8	8) 7-1-0	9) 3-6-8	10) 0-0-0
TOTAL DESIGN LOADS -----									
Uniform	PLF	From	PLF	To					
TC Vert L+D	-37	0-0-0	-37	14-2-0					
BC Vert L+D	-737	0-0-0	-737	14-2-0					
MAX. REACTIONS PER BEARING LOCATION									
X-Loc	Vert Horiz	Uplift Y-Loc	TYPE						
0-2-12	5486	0-1634	BOT	PIN					
13-11-4	5486	0-1634	BOT	H-ROLL					
TC...FORCE...CSI		BC...FORCE...CSI							
1-2 -3987	0.06	10-9 0.30							
2-3 -5413	0.09	9-8 4075	0.51						
3-4 -5413	0.09	8-7 4075	0.51						
4-5 -3987	0.06	7-6 0	0.30						

2-Plys REQUIRED



EXCEPT AS SHOWN PLATES ARE T120 GA TESTED PER ANSI/TPI 1-1995

WARNING: READ ALL NOTES ON THIS SHEET. A COPY OF THIS DRAWING TO BE GIVEN TO ERECTING CONTRACTOR.

BRACING WARNING

Bracing shown on this drawing is not erection bracing, wind bracing, partial bracing or similar bracing which is a part of the building design and which must be considered by the building designer. Bracing shown is for lateral support of truss members only to reduce buckling length. Provisions must be made to anchor lateral bracing at ends and specified locations determined by the building designer. Additional bracing of the overall structure may be required. (See HIB-91 of TPI). For specific truss bracing requirements, contact building designer. (Truss Plate Institute, TPI is located at 583 D Onofrio Drive, Madison, Wisconsin 53719).

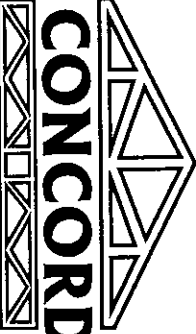


COMPONENT ENGINEERING BY TRUSS ENGINEERING CO. 818 SOUNDSIDE ROAD P. O. BOX 585 EDENTON, N.C. 27932

Eng. Job:	46200	WO:	98-6404
DWG:	295738	Truss ID:	D
Desgnr:	JDA	Date:	7-24-98
Chk:			
TC Live	30.0	DurFac - Lbr:	1.15
TC Dead	7.0	DurFac - Plt:	1.15
BC Live	0.0	O.C. Spacing:	24.0"
BC Dead	10.0	Design Criteria:	BOCA
TOTAL	47.0	Code Desc:	
	psf		
		V:01.27.98	18688-6

JUL 24 1998

scale = 0.3750



CONCORD TRUSS COMPANY (609) 845-3848 Fax (609) 845-0831

Design: Matrix Analysis

JOB PATH: C:\Z198-6404.CTC

HCS: 01.27.98

DESIGN INFORMATION

This design is for a residential building. The design has been based on information provided by the client. The designer disclaims any responsibility for damages as a result of any or incorrect information, specifications and/or design furnished to the engineer by the client and the contractor. The engineer is not responsible for the accuracy of the information as it may relate to a specific project and accept no responsibility or liability for any errors or omissions in the design, calculation, or construction of the building. This design has been designed as an individual building component in accordance with TPI-99 and TPI-97 to be incorporated as part of the building design by a building Designer (registered architect or professional engineer). When reviewed for approval by the building designer, the design loadings shown must be checked to be sure that the data shown are in agreement with the local building codes, local climatic records for wind or snow loads, project specifications or special applied loads. Unless shown, truss has not been designed for storage or occupancy loads. The design assumes compression chords (top or bottom) are continuously braced by sheathing unless otherwise specified. Where bottom chords in tension are not fully braced laterally by a properly applied rigid ceiling, they should be braced at a maximum spacing of 10'-0" o.c. Connector plates shall be manufactured from 20 gauge hot dipped galvanized steel meeting ASTM A 653, Grade 40, unless otherwise shown.

FABRICATION NOTES

Prior to fabrication, the fabricator shall review this drawing to verify that this drawing is in conformance with the fabricator's plans and to realize a continuing responsibility for such verification. Any discrepancies are to be put in writing before cutting or fabrication. Plates shall not be installed over knotholes, knots or distorted grain. Members shall be cut for tight fitting wood to wood bearing. Connector plates shall be located on both faces of the truss with nails fully imbedded and shall be sym. About the joint unless otherwise shown. A 3x4 plate is 3" wide x 4" long. A 6x8 plate is 6" wide x 8" long. Stays (ties) run parallel to the plate length specified. Double cuts on web members shall meet at the center of the web unless otherwise shown. Connector plate sizes are minimum sizes based on the forces shown and may need to be increased for certain loading and/or erection stresses. This truss is not to be fabricated with fire retardant treated lumber unless otherwise shown. For additional information on Quality Control and Quality Standard for Steel Plate Connected Wood Trusses, QST-86 and TPI Recommended Code of Standard Practice.

PRECAUTIONARY NOTES

All bracing and erection recommendations are to be followed in accordance with Handling, Installing & Bracing, HIB-91. Trusses are to be handled with particular care during towing and building, delivery and installation to avoid damage. Temporary and permanent bracing for holding trusses in a straight and plumb position and for resisting lateral forces shall be designed and installed by others. Trusses shall be designed and erected bracing is always required. Normal precautionary action for trusses requires such temporary bracing during installation between trusses to avoid topping and doming. The supervisor of erection of trusses shall be under the control of trusses. Professional advice shall be sought if needed. Concentration of construction loads greater than the design loads shall not be applied to trusses at any time. No loads other than the weight of the truss shall be applied to the trusses until after all fastening and bracing is completed.

BRICK WAWA

PURCELL

WO: 98-6404

TI: TH

QTY: 42

TOP CHORDS: 2x4 SPF 1650F-1.5C
BOT CHORDS: 2x4 SPF 1650F-1.5C
WEBS: 2x4 SPF STD (N)
Attach PIGGY-BACK truss to BASE TRUSS with 20 ga. 3x8 nail-on plates or 1/2" x 4" x 8" CDX plywood gussets to both faces of truss at 6'-0" o.c. throughout using (8) 1.5" long TRUSS nails. or 10S-NAIL to each 2x4 lateral bracing with a minimum of (2) 16d nails each
MAX LIVE LOAD DEFLECTION:
L/999
L=-0.02" D=-0.01" T=-0.03"
MAX HORIZONTAL DEFLECTION:
T=0.02"
RMB = 1.15

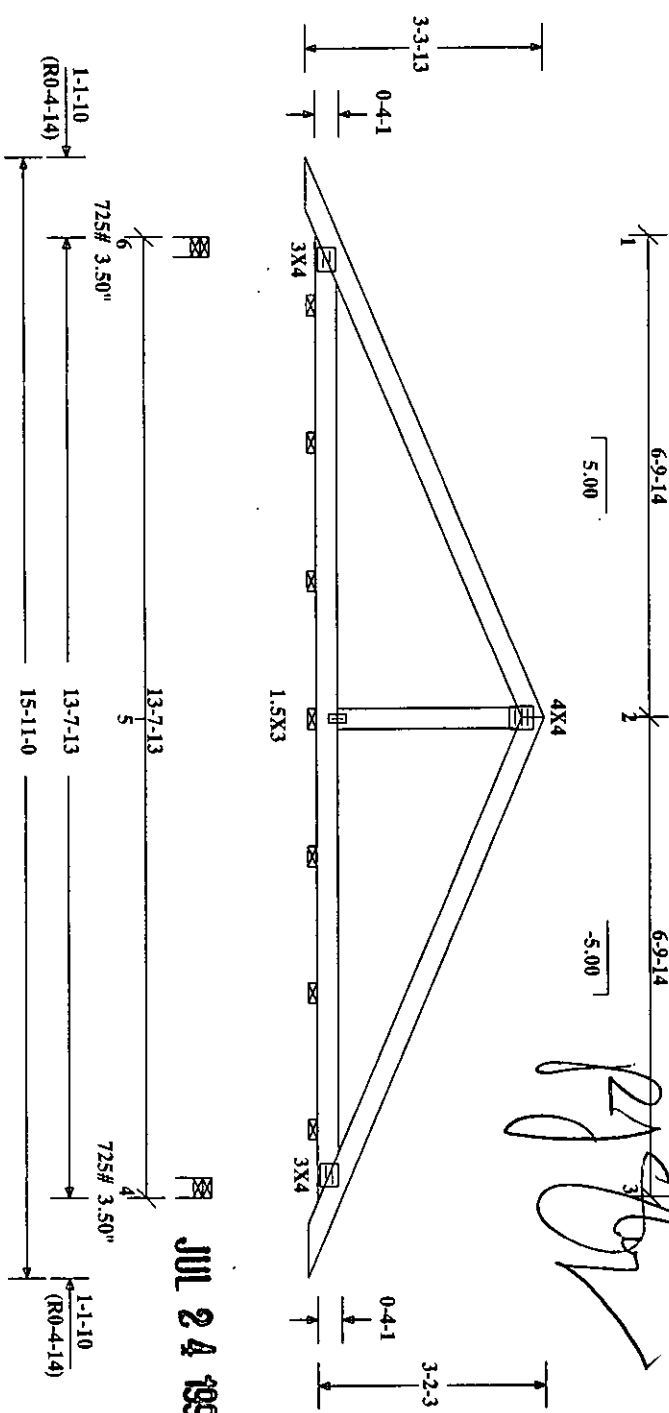
MULTIPLE LOADS -- This design is the composite result of multiple loads. All COMPRESSION Chords are assumed to be continuously braced unless noted otherwise. This design based on chord bracing applied per the following schedule:
Max O.C. From To
BC 24.0' 0'-0 15-11-0
Bracing shown is for visual purposes only. PROVIDE UPLIFT CONNECTION PER SCHEDULE:
Support 1 267#
Support 2 267#

=====Joint Locations=====

1) 0-0-0	3) 13-7-13	5) 6-9-14
2) 6-9-14	4) 13-7-13	6) 0-0-0

---MAX. REACTIONS PER BEARING LOCATION---
X-LOC Vert Horiz Uplift Y-LOC Type
0-1-12 725 -11 -267 BOT PIN
13-6-1 725 0 -267 BOT H-ROLL
Wind analysis based on: ASCE-7MMFS, V= 30 MPH, I=1.10, Mean Hgt.=21.0 ft, Exp. Cat. C, Internal pressure coef. 1.

..TC...FORCE...CSI	..BC...FORCE...CSI
1-2 -1014 0.70	6-5 862 0.34
2-3 -1014 0.70	5-4 862 0.34



EXCEPT AS SHOWN PLATES ARE TL20 GA TESTED PER ANSI/TPI 1-1995

scale = 0.3750

WARNING: READ ALL NOTES ON THIS SHEET.
A COPY OF THIS DRAWING TO BE GIVEN TO ERECTING CONTRACTOR.

BRACING WARNING

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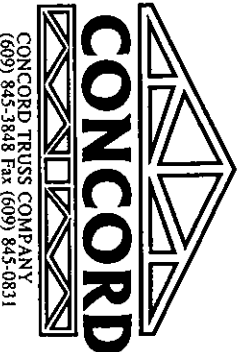


COMPONENT ENGINEERING BY

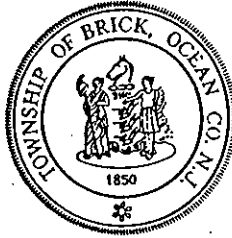
TRUSS ENGINEERING CO
818 SOUNDSIDE ROAD
P. O. BOX 585
EDENTON, NC 27932

Eng. Job:	46200	WO: 98-6404
Dwg:	295740	Truss ID: TH
Dsgn: JDA	Chk: M	Date: 7-24-98
TC Live	30.0 psf	DurFac - Lbr: 1.15
TC Dead	7.0 psf	DurFac - Pft: 1.15
BC Live	0.0 psf	O.C. Spacing: 24.0"
BC Dead	10.0 psf	Design Criteria: BOCA
TOTAL	47.0 psf	Code Desc:
		V:01.27.98-18690-8

JUL 24 1998

CONCORD TRUSS COMPANY
(609) 845-3648 Fax (609) 845-0831

TOWNSHIP OF BRICK
OCEAN COUNTY, NEW JERSEY
401 CHAMBERS BRIDGE ROAD, BRICK, N.J. 08723



Joseph C. Scarpelli, Mayor

Township Council:

Victor Cantillo - President
Martin J. Anton
Helen Fayad
Gregory S. Kavanagh
Mary Lou Powner
Kathy M. Russell
Frederick J. Underwood, Sr.

Department of Administration & Finance

Division of Inspections

Joseph Curiazza

Construction Official

(732) 262-1024

Fax (732) 262-8954

<http://www.gbshost.com/brick>

FAX CORRESPONDENCE

(732) 262-8954

DATE: 10/6/98 FAX. NO. 609-232-1668 PAGES: 4

TO: Paul

FROM: Lisa Rose

MESSAGE: Hope this helps!

10/9/98 this info is being re-faxed

BOCA®
NATIONAL BUILDING CODE
PLAN REVIEW RECORD

Valuation: _____

Plan Review # _____

Fee: _____

Date: 10/2/98

JURISDICTION Building

BUILDING LOCATION 595 BRICK BLVD
(City, County, Township, etc.)

(Street address)

BUILDING DESCRIPTION NEW COMMERCIAL

REVIEWED BY FM

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

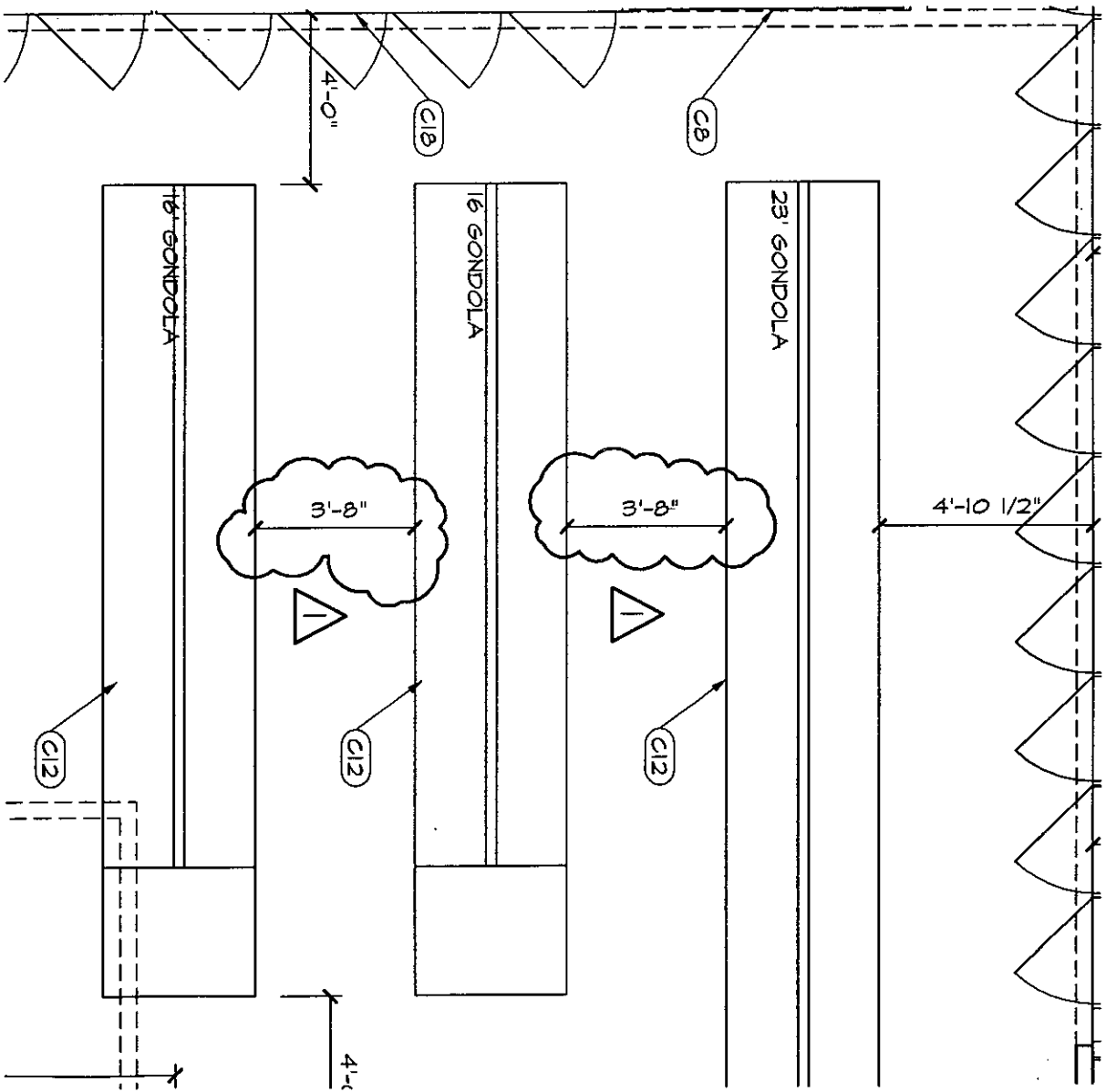
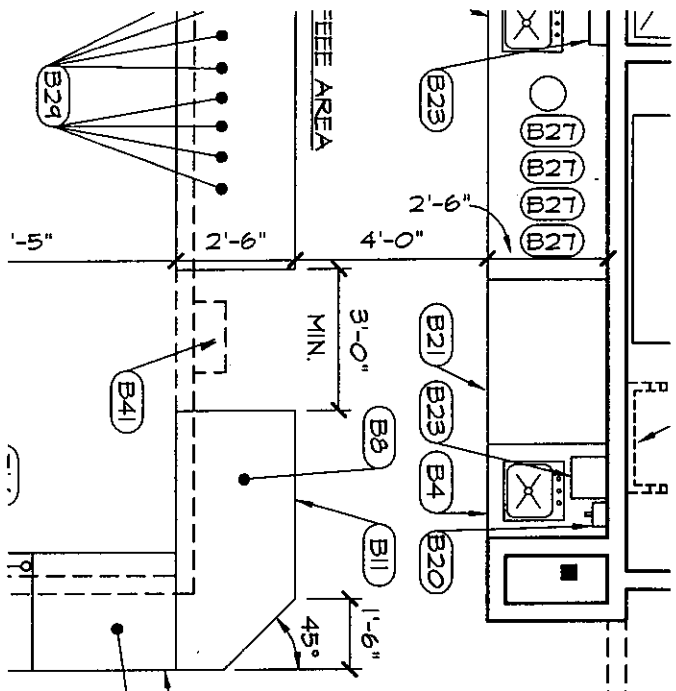
CORRECTION LIST

No.	DESCRIPTION	Code Section
①	10/8/98 Rebuttal S-1 Shows Foundation Details BUT No Depth From Grade To Footing	1806.1
②	S-3 Shows Tube Steel Column BUT NO Anchor Bolts shown on Details must indicate DIA & length (they are shown for plate installation)	
③	No Shop Drawings For Steel	2203.4
④	# EQS Drawings Submitted To Show Isle width at 3'-0" For opening in Counter For Rear EXIT Access and 3'-6" Between Gondola's - This must be 44"	1011.3
⑤	Access Route TO Rear exit Door # EX must be Rated For 1-Hour <u>Rebuttal 10/14</u>	1011.4



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BUILDING OFFICIALS AND CODE ADMINISTRATORS INTERNATIONAL, INC.
4051 W. FLOSSMOOR ROAD COUNTRY CLUB HILLS, ILLINOIS 60478-5795



REVISED PLAN

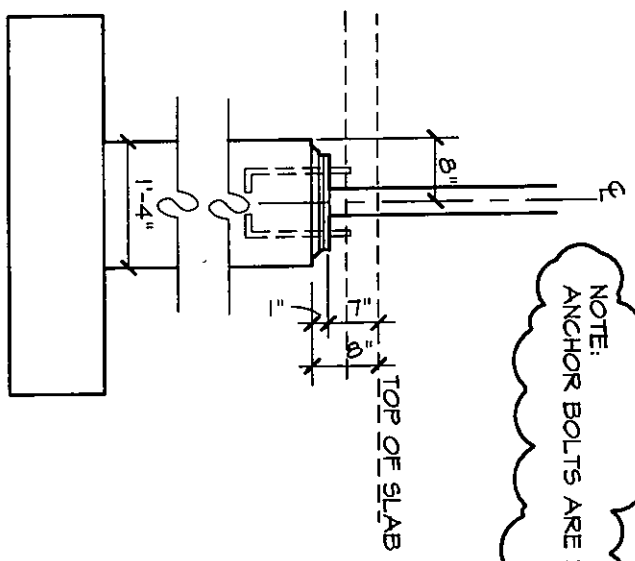
LYNCH/MARTINEZ ARCHITECTS
7 E. SKIPPACK PIKE, SUITE 250
BROAD AXE PA 19002

WAWA FOOD MARKET
545 BRICK BOULEVARD
BRICK TOWNSHIP, NJ

STORE NO.
BRI

JOB NO.: 4600 BRI
SCALE: 1/4" = 1'-0"
DRAWN BY: JAF
DATE: 06 OCT 98

NOTE:
ANCHOR BOLTS ARE 3/4" DIA 15" X 3"



4 TYP. INT. COL. BASE PL.
S3 1/2" = 1'-0"

NOTE:
CONTRACTOR TO SUPPLY STEEL SHOP
DRAWINGS FROM STEEL MANUFACTURER.

REVISED PLAN

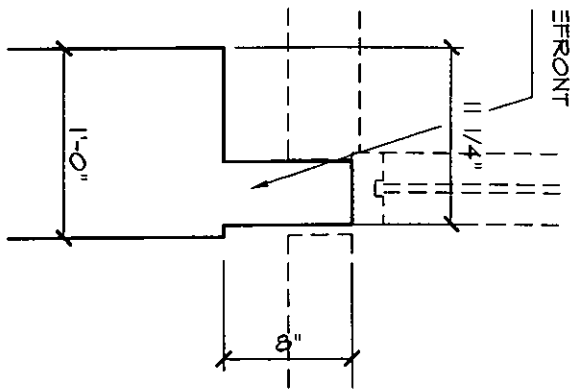
LYNCH/MARTINEZ ARCHITECTS
7 E. SKIPPACK PIKE, SUITE 250
BROAD AXE PA 19002

WAWA FOOD MARKET
545 BRICK BOULEVARD
BRICK TOWNSHIP, NJ

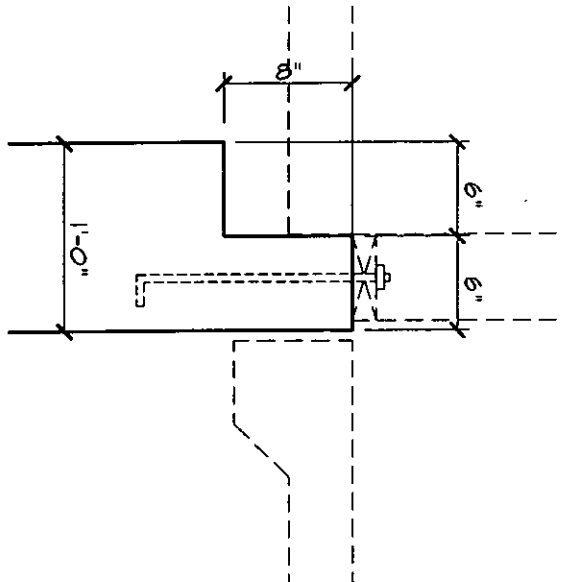
STORE NO.
BRI

JOB NO.: 4600 BRI
SCALE: 1/4" = 1'-0"
DRAWN BY: JAF
DATE: 06 OCT 98

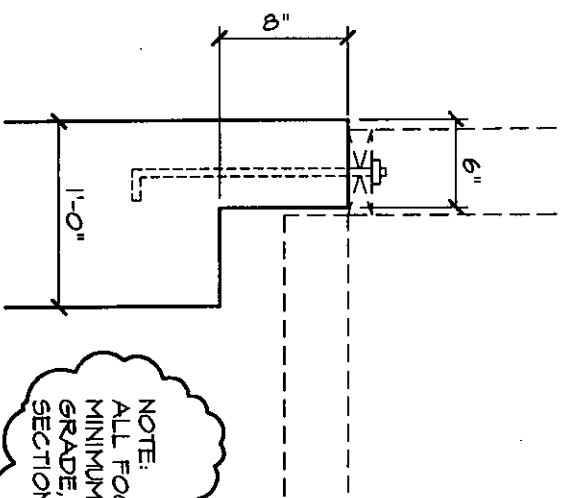
3
1 OF 4



4 DETAIL
S 1" = 1'-0"

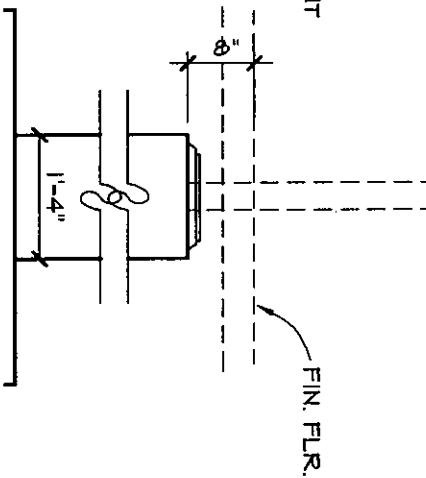
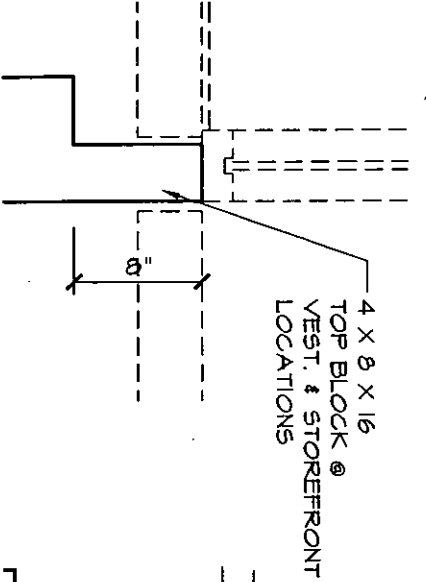
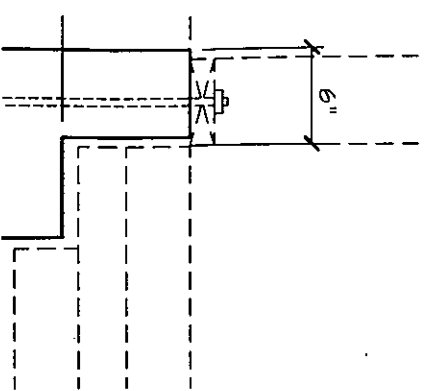


5 DETAIL
S 1" = 1'-0"



6 DETAIL
S 1" = 1'-0"

NOTE:
ALL FOOTINGS ARE TO BE
MINIMUM OF 3'-0" BELOW
GRADE, AS SHOWN ON WALL
SECTIONS.



REVISED PLAN

LYNCH/MARTINEZ ARCHITECTS
7 E. SKIPPAK PIKE, SUITE 250
BROAD AVE PA 19002

WAWA FOOD MARKET
545 BRICK BOULEVARD
BRICK TOWNSHIP, NJ

STORE NO.
BRI

JOB NO.: 4600.BRI
SCALE: 1/4" = 1'-0"
DRAWN BY: JAF
DATE: 06 OCT 98

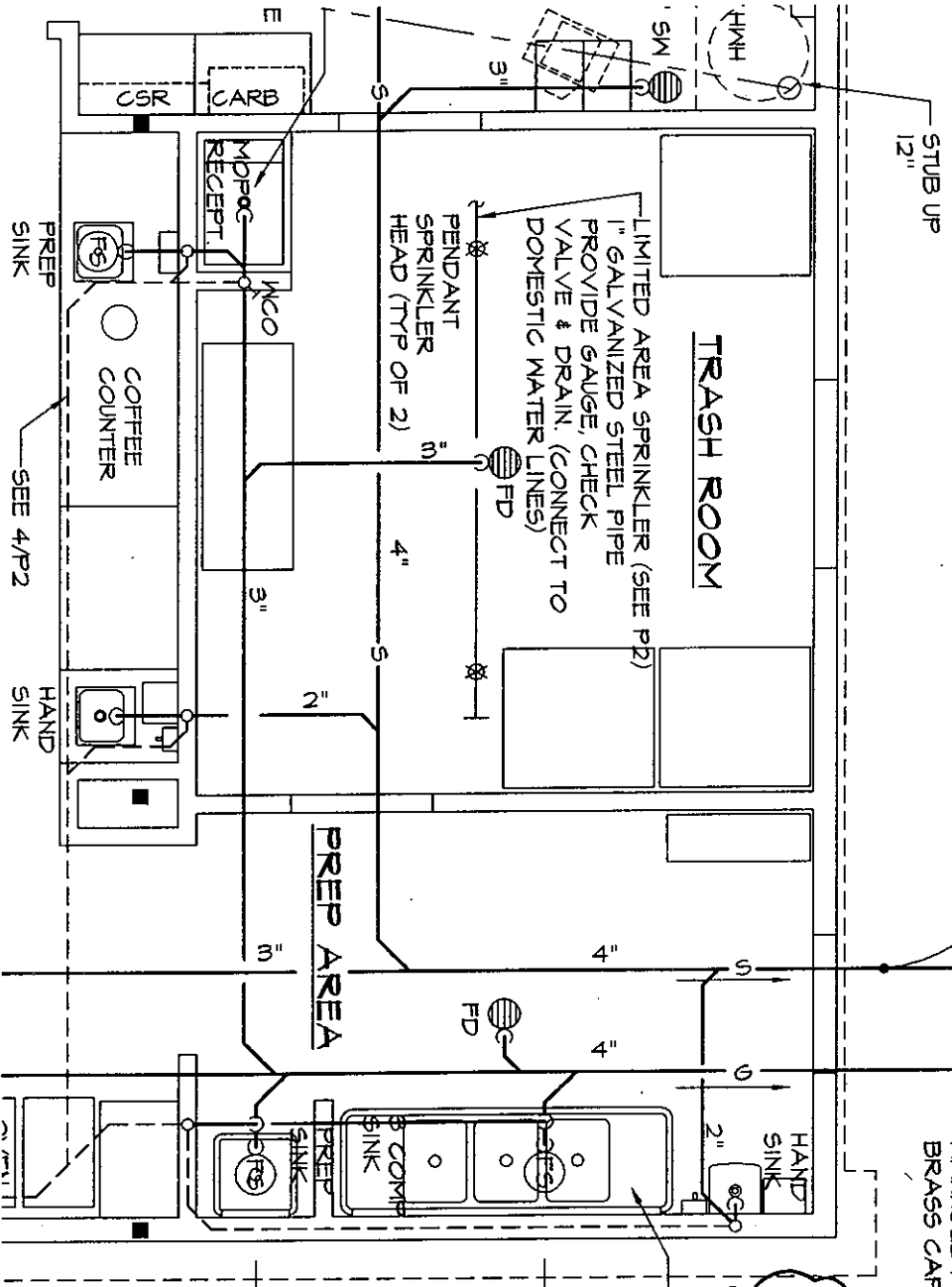
2
1 OF 4

CONNECT TO SANITARY WASTE SYSTEM. VERIFY LOCATION (SEE SITE PLAN BY WAWA REP.)

CONNECT TO 2 COMPARTMENT CLEAN-OUT TYPE BRASS MANHOLE FOR BRASS CAPS



NOTE:
THE TRASH ROOM AS SHOWN ON SHEET P-1 HAS A LIMITED AREA SPRINKLER SYSTEM AND HAS A ONE HOUR RATED WALL CONSTRUCTION AS PER SHEET A-1. THIS COMPLIES WITH BOCA 302.1.1



REVISED PLAN

LYNCH/MARTINEZ ARCHITECTS
7 E. SKIPPACK PIKE, SUITE 250
BROAD AXE PA 19002

WAWA FOOD MARKET
545 BRICK BOULEVARD
BRICK TOWNSHIP, NJ

STORE NO.
BRI

JOB NO.: 4600 BRI
SCALE: 1/4" = 1'-0"
DRAWN BY: JF
DATE: 06 OCT 98

1 OF 4

October 7, 1998

LynchMartinez

Building Inspection Department
Township of Brick
401 Chambers Bridge Road
Brick, NJ 08723

7 East Skippack Pike, Suite 250
Broad Axe, PA 19002-5308
215.641.4830
215.641.6769 (fax)

Re: New Wawa Food Market
595 Brick Boulevard

Oscar R. Martinez, AIA
Raymond C. Lynch, AIA

Dear Sirs:

James P. Dodrill, Jr., RA
Robert C. Rossell, Jr., RA

We received via fax from Carl R. Pursell, Inc.'s office a copy of your Plan Review Records for the above referenced project dated 10/2/98 and 10/5/98. In response to these comments I noted the following:

Plan Review record 10/5/98:

1. Sprinklers Waste Area: Sheet P1 of the Plans shows a 1-Hour Limited Area Sprinkler System for this area. In addition, the space is of 1-Hour Construction.

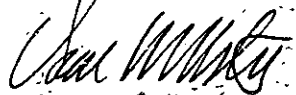
Plan Review record 10/2/98:

1. Footing Depth: Minimum footing depth is 3'-0" below finish grade. It applies to all footings. Drawing S-1 will be modified to indicate so as per BOCA 1806.1.
2. Anchor Bolts: Anchors bolts are $\frac{3}{4}$ " x 15" x 3". Drawing S-3 shall be revised to indicate this. Size to be also shown in steel shop drawings.
3. Steel Shop Drawings: These are supplied by successful bidder's steel erector and fabricator after project contract has been awarded. Copy of these will be submitted to your office at that time and before any structural steel erection, as per BOCA 2203.4
4. Aisle Width: Aisle width has been modified in EQ sheet to indicate 44" wide aisles in lieu of 42" shown, to comply with BOCA 1011.3.
5. Rear Exitway: The access to the rear exit is through open area at Deli and Prep Area. My interpretation is that this is not considered a corridor as referenced in BOCA 1011.4.
6. Trash Room: Trash is 1-Hour Rated and has a Limited Area Sprinkler System.
7. Roof Equipment: The screens and guard rails shown on Sheet A-4 and detailed on sheet A-7, comply with BOCA M407.2.

If you require any additional information, please feel free to call Paul Jamsky of Carl Pursell, Inc., at (609) 232-1653 or me at (215) 641-4830 x-111.

Sincerely,

LYNCH MARTINEZ ARCHITECTS



Oscar R. Martinez, AIA

Encls.

Cc: Dave Harris, Wawa, Inc.
Carl Pursell, Carl R. Pursell, Inc.

BrickTwpinsp1.doc

SINGLE FAMILY DWELLING CHECKLIST

- 1 Construction Permit Application jacket completed and signed yes ☒ no ☐
- 2 Zoning application completed yes ☒ no ☐
- 3 Two plot plans-TRUE SIZE ✓ yes ☐ no ☐
- 4 Debris form information completed yes ☒ no ☐
- 5 BTMUA availability application (WATER & Sewer) ✓ yes ☒ no ☐
- 6 Engineering plot plan checklist or major subdivision yes ☒ no ☐
- 7 Shade tree application - Already Cleared lot ✓ yes ☐ no ☒
- 8 Building, Plg, Fire Technical Forms completed yes ☒ no ☐
- 9 Gas pipe drawing ✓ yes ☒ no ☐
- 10 Riser schematic for plumbing ✓ yes ☒ no ☐
- 11 Furnace or boiler brochures ✓ yes ☒ no ☐
- 12 Heat loss application (optional) yes ☒ no ☐
- 13 Building characteristics on jacket and/or Building application complete yes ☒ no ☐
- 14 Indicate Options
Fireplace ☐
Deck ☐
Basement ☐
Crawl Space ☐
- 15 Two sets of plans drawn by an architect with seals or can be drawn by homeowner for homeowners use. yes ☒ no ☐

IF ANY INFORMATION IS MISSING FROM THE ABOVE LIST, THE APPLICATION CANNOT BE ACCEPTED UNTIL COMPLETED.

Debris form

Existing
per MUA
Kim

7. Failure to implement the plan to spend development fees within the time limits imposed by the Council, or within reasonable extensions granted by the Council;
 8. Expenditure of development fees on activities not permitted by the Council;
 9. Revocation of certification; or
 10. Other good cause demonstrating that the revenues are not being used for the intended purpose.
- (b) Consistent with this rule, any ordinance adopted by a municipality for the purpose of imposing and collecting development fees shall provide that, in the event that any of the conditions described in N.J.A.C. 5:93-8.17(a) occur, the Council shall be authorized, on behalf of the municipality, to direct the manner in which all development fees collected pursuant to that ordinance shall be expended. Such revenues shall immediately become available for expenditure once the Council has notified the municipal clerk and chief financial officer that such a condition has occurred. In furtherance of the foregoing, any such municipality shall, in establishing a bank account pursuant to N.J.A.C. 5:93-8.14, ensure that the municipality has provided whatever express written authorization may be required by the bank to permit the Council to direct the disbursement of such revenues from the account following the delivery to the bank of the aforementioned written notification provided by the Council to the municipality's clerk and chief financial officer.
- (c) The Council may, after a hearing pursuant to the Administrative Procedure Act, N.J.S.A. 52:14B-1 et seq., revoke development fee ordinance approval for any municipality that fails to comply with the requirements of this subchapter. Where such approval has been revoked, the Council shall not approve an ordinance permitting such municipality to impose or collect development fees for the remaining period of the substantive certification period or judgment of repose. With regard to municipalities that qualify for State aid pursuant to P.L. 1978, c.14 (N.J.S.A. 52:27D-178 et seq.) the Council shall not approve any ordinance permitting such municipalities to impose or collect development fees for the remainder of the approval period (of up to six years) following a Council determination that they failed to comply with this subchapter.
- (d) Neither loss of development fees, nor loss of the municipality's ability to impose and collect development fees shall alter the municipality's responsibilities pursuant to substantive certification or a court ordered judgment of repose.

5:93-8.19 Designation of entities to receive development fees

- (a) The Council shall solicit plans from public sector entities and non-profit agencies to create or rehabilitate affordable housing.
- (b) The Council shall designate such agencies to receive revenues from development fees when the Council takes an action pursuant to N.J.A.C. 5:93-8.17.
- (c) To the extent practicable, when the Council takes an action pursuant to N.J.A.C. 5:93-8.17, the Council shall assign development fee revenues to projects planned within the municipality that generated the revenues or within close proximity to the municipality (such as within the county or region).

5:93-8.20 Ongoing collection of fees

- (a) Municipalities that qualify for State aid pursuant to P.L. 1978, c.14 (N.J.S.A. 52:27-178 et seq.) and have received Council approval to impose and collect development fees, shall not impose or collect such fees for more than the period specified by the Council, not to exceed a six year period, unless the municipality has refiled an adopted housing element with the Council and received the Council's approval of its development fee ordinance. These municipalities shall submit a plan for spending development fees within one year of the Council's approval of their development fee ordinance. Municipalities that fail to renew their ability to impose and collect development fees within the six year period may resume the imposition and collection of development fees by complying with the requirements of this section.
- (b) Except as provided for in (a) above, the ability for all other municipalities to impose, collect and expend development fees shall expire with their substantive certification or judgment of repose, unless the municipality has filed an adopted housing element with the Council; petitioned for substantive certification; and received the Council's approval of its development fee ordinance. Municipalities that fail to renew their ability to impose and collect development fees prior to the expiration of their substantive certification or judgment of repose may resume the imposition and collection of development fees by complying with the requirements of this section.

5:93-8.21 Severability

If any part of this subchapter shall be held invalid, the holding shall not affect the validity of the remaining parts of this subchapter. If any part of this subchapter is held invalid in one or more of their applications, the rules shall remain in effect in all valid applications that are severable from the invalid application.

5:93-8.7 Other municipalities that have not imposed or collected fees

- (a) Except as provided for in N.J.A.C. 5:93-8.3 through 8.6 inclusive, municipalities that have not imposed or collected fees shall not impose or collect fees until they have adopted a housing element, petitioned for substantive certification and received the Council's approval of its development fee ordinance.
- (b) No municipality in this category may spend development fees unless the Council has approved a plan for spending such fees and granted substantive certification. Municipalities shall submit these plans when they petition for substantive certification. Municipalities that have petitioned for substantive certification prior to the effective date of this rule shall submit plans for spending development fees prior to receiving substantive certification.

5:93-8.8 Development fee ordinance review

- (a) The Council shall not review a development fee ordinance unless the municipality has submitted:
 - 1. A copy of an adopted housing element that complies with the Municipal Land Use Law, N.J.S.A. 40:55D et seq.;
 - 2. A copy of the proposed ordinance designed to collect development fees;
 - 3. A description of any changes to the municipal zoning ordinance during the previous two years;
 - 4. A request in the form of a resolution by the governing body for the Council to review the development fee ordinance;
 - 5. A copy of the compliance plan, implementation ordinances and information regarding the period of time encompassed by the judgment of repose and a request for review by the court if the municipality has received a court ordered judgment of repose. The court shall indicate if the Council is to monitor the development fees;
 - 6. A description of the types of developments that will be subject to fee;
 - 7. A description of the amount and nature of the fees imposed;
 - 8. A statement regarding the use of density bonuses or other devices to counterbalance development fees; and
 - 9. If development fees have been collected prior to December 13, 1990 and the municipality wishes to retain some or all of these fees, the following information must be submitted to the Council within 90 days of the effective date of this rule:
 - i. A copy of the ordinance pursuant to which the fees were collected; and the proposed ordinance, if any, designed to reimpose some or all of these fees;
 - ii. A request in the form of a resolution by the governing body for the Council to review the development fee ordinance used to collect the fees;
 - iii. The name of each developer that paid a development fee;
 - iv. The amount paid by each developer and the formula for the amount collected;
 - v. The equalized assessed value of each development at the time of collection;
 - vi. An accounting of all money collected and identification of the municipal account that houses all development fees;
 - vii. If any money collected through a development fee ordinance has been spent; an accounting of the expenditure; and
 - viii. Any other information the Council may require.
- (b) Municipalities that collected fees prior to December 13, 1990, shall be able to retain such revenues or reimpose such fees to the extent that the fees collected by the municipality do not exceed the amount permitted by this chapter. Municipalities interested in retaining development fees collected prior to December 13, 1990 shall also conform to the procedures outlined in J.J.A.C. 5:91-15, Procedures for retaining development fees.

5:93-8.9 Content of plans to spend development fees

Plans to spend development fees shall consist of the information required in N.J.A.C. 5:93-5.1(c).

5:93-8.10 Development fees; residential

- (a) Residential development fees shall be a maximum of one-half of one percent of the equalized assessed value for residential development, provided no increased density is permitted.
- (b) In zones that permit increased residential development, the municipality may impose a development fee of up to six percent of the equalized assessed value for each additional unit that may be realized.

Example: If a rezoning allowed two extra units to be constructed, the fees could equal one-half of one percent of equalized assessed value on the first unit and six percent of equalized assessed value on the two incremental units.

- (c) Municipalities may allow developers of sites zoned for inclusionary development to pay a fee in lieu of building low and moderate income units provided the Council determines the municipal housing element and fair share plan provides a realistic opportunity for addressing the municipal fair share obligation. The fee may equal the cost of subsidizing the low and moderate income units that are replaced by the development fee. For example, an inclusionary development may include a 20 percent set-aside, no set-aside and a fee that is the equivalent of a 20 percent set-aside or a combination of a fee and set-aside that is the equivalent of a 20 percent set-aside.
- (d) Municipalities may collect fees exceeding those permitted in this section, provided they enter into agreements with developers that offer a financial incentive for paying higher fees. The financial incentive may be in the form of a tax abatement. No agreement may provide for a voluntary developer fee without also providing for a comparable off-setting incentive. All agreements are subject to Council approval.

5:93-8.11 Development fee; non-residential

- (a) Non-residential development fees shall be a maximum of one percent of the equalized assessed value for non-residential development.
- (b) Municipalities may collect fees exceeding those permitted in this section provided they enter into agreements with developers that offer a financial incentive for paying higher fees. Such agreements may include, but are not limited to, a tax abatement, increased commercial/industrial square footage, increased commercial/industrial lot coverage and/or increased commercial/industrial impervious coverage

in return for an increased fee. The fee negotiated must bear a reasonable relationship to the additional commercial/industrial consideration to be received. All agreements are subject to Council approval.

5:93-8.12 Eligible exactions, ineligible exactions and exemptions

- (a) Except as provided for in N.J.A.C. 5:93-8.10, inclusionary developments shall be exempt from development fees. All other forms of new construction may be subject to development fees.
- (b) Development fees may be imposed and collected when an existing structure is expanded or undergoes a more intense use. The development fee that may be imposed and collected shall be calculated on the increase in the equalized assessed value of the improved structure.
- (c) Municipalities shall not reduce densities from pre-existing levels and then require developers to pay developers to pay development fees in exchange for an increased density.
- (d) Developments that have received preliminary or final approval prior to the imposition of a municipal development fee shall be exempt from development fees unless the developer seeks a major change in the approval. Municipalities that collected development fees prior to December 13, 1990 may not retain any fees imposed subsequent to granting preliminary or final development approval, unless the developer seeks a major change in the approval.
- (e) Municipalities may exempt specific types of development from fees or may impose lower fees for specific types of development, provided each classification of development is addressed consistently. For example, all retail development may be exempt from fees.
- (f) Municipalities may exempt specific areas of the municipality from the imposition of fees or reduce fees in order to promote development in specific areas of the municipality.

5:93-8.13 Collection of fees

Municipalities may collect up to fifty percent of the fee on any specific development at the time of issuance of the building permit. The remaining portion may be collected at the issuance of the certificate of occupancy.

5:93-8.14 Contested fees

Imposed and collected development fees that are challenged shall be placed in an interest bearing escrow account by the municipality. If all or a portion of the contested fees are returned to the developer, the accrued interest on the returned amount shall also be returned.

5:93-8.15 Housing trust fund

All development fees shall be deposited in a separate interest bearing housing trust fund. In establishing the housing trust fund, the municipality shall provide whatever express written authorization that may be required by the bank to permit the Council to direct the disbursement of development fees pursuant to N.J.A.C. 5:93-8.17 and 8.18.

5:93-8.16 Use of money

- (a) A municipality may use revenues collected from development fees for any activity approved by the Council for addressing the municipal fair share. Such activities include, but are not limited to: rehabilitation, new construction; regional contribution agreements, purchase of land for low and moderate income housing, improvement of land to be used for low and moderate income housing, extensions and/or improvements of roads and infrastructure to low and moderate income housing sites, assistance designed to render units to be more affordable and administration of the implementation of the housing element. Municipalities are encouraged to use development fee revenues to attract other funds such as, but not limited to, available public subsidies and funds from private lending institutions.
- (b) Funds shall not be expended to reimburse municipalities for past housing activities.
- (c) At least 30 percent of the revenues collected from development fees shall be devoted to render units more affordable. Examples of such activities include, but are not limited to, downpayment assistance, low interest loans, and rental assistance. Development fees collected to finance an RCA or a new construction project shall be exempt from this requirement. This requirement may be waived in whole or in part when the municipality demonstrates the ability to address the requirement of affordability assistance from another source.
- (d) Municipalities may contract with a private or public entity to administer the implementation of any part of its housing element, including the requirement for affordability assistance.
- (e) No more than 20 percent of the revenues collected from development fees shall be expended on administration, including, but not limited to, salaries and benefits for municipal employees or consultant fees necessary to develop or implement: a rehabilitation program; a new construction program; a regional contribution agreement; a housing element; and an affirmative marketing program. Administrative funds may be used for: income qualification of households; monitoring the turnover of sale and rental units; and compliance with Council monitoring requirements. Development fees shall not be used to defray the costs of existing staff.

5:93-8.17 Monitoring

Municipalities that collect development fees shall complete and return all monitoring forms related to the collection of fees, expenditure of revenues and implementation of the plan certified by the Council or approved by the court. Financial reports, annual program implementation and monitoring reports shall be completed on forms designed by the Council.

5:93-8.18 Penalties

- (a) The municipality's ability to impose and collect fees and the Council's approval of an ordinance and spending plan shall be conditioned on compliance with all requirements of this subchapter. Occurrence of the following may result in the Council taking an action pursuant to section (b) below:
 - 1. Failure to submit a plan pursuant to N.J.A.C. 5:93-5.1 (c) within the time limits imposed by the Council;
 - 2. Failure to meet deadlines for information required by the Council in its review of a housing element, development fee ordinance, or plan for spending fees;
 - 3. Failure to proceed through the Council's administrative process toward substantive certification in a timely manner;
 - 4. Failure to address the Council's conditions for approval of a plan to spend development fees within the deadlines imposed by the Council;
 - 5. Failure to address the Council's conditions for substantive certification within deadlines imposed by the Council;
 - 6. Failure to submit accurate monitoring reports within the time limits imposed by the Council;

TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY
401 CHAMBERS BRIDGE ROAD, BRICK, N.J. 08723



Joseph C. Scarpelli, Mayor

Township Council:

Victor Cantillo – President
Martin J. Anton
Helen Fayad
Gregory S. Kavanagh
Mary Lou Powner
Kathy M. Russell
Frederick J. Underwood, Sr.

Office of Affordable Housing
Carol A. Wolfe

Affordable Housing Administrator
(732) 262-1048

FAX (732) 262-8954 or (732) 920-1456
<http://www.twp.brick.nj.us>

NOTICE TO APPLICANTS

Effective April 13, 1993, all applications for permits for commercial or residential construction will require prior approval by the Office of Affordable Housing.

Your application may be subject to fees which have been established under Brick Township Code Section 19-35.6-14 N.J.A.C. 5:93-8 et seq. A copy of N.J.A.C. 5:93-8 is attached for your information.

If you have any questions regarding these fees, please contact the Office of Affordable Housing at (732) 262-1048.

The Office of Affordable Housing requires a minimum of two weeks notice prior to determining final estimated assessed value, which is required before a C.O./C.A. can be issued.

COMMERCIAL

SUBCHAPTER 8 DEVELOPMENT FEES

5:93-8.1 Purpose

- (a) The New Jersey Supreme Court, in Holmdel Builder's Ass'n v. Holmdel Township, 121 N.J. 550 (1990) (issued December 13, 1990), determined that mandatory development fees are both statutorily and constitutionally permissible. The Court further anticipated that the Council would promulgate appropriate development fee rules specifying, among other things, the standards for these development fees. The purpose of this subchapter is to provide such guidance.
- (b) Except as otherwise provided in these rules, a municipality may only impose, collect and spend development fees through participation in the Council's substantive certification process or through a comprehensive review designed to achieve a judgment of repose. The exceptions to this rule are set forth in N.J.A.C. 5:93-8.3 through 8.6 inclusive. These exceptions are permitted because some communities have already received substantive certification; others have achieved a judgment of repose; and still others are litigating exclusionary zoning cases. Some of these municipalities have already collected fees. The Council has created a process for these municipalities to collect and/or retain fees. However, in the future, the ability to impose, collect and spend development fees shall be limited to municipalities that petition for substantive certification. Urban aid municipalities are also considered a special case. These municipalities have historically housed a disproportionate share of New Jersey's poor and, as a result, may have exceedingly high fair share obligations that would be extremely difficult to address in a six year period. Therefore, the Council will allow these municipalities to impose, collect and spend fees outside of substantive certification provided the municipality adheres to the rules in this subchapter. The rules that follow provide basic requirements for imposing, collecting and spending development fees. They then provide additional requirements for municipalities in various categories.
- (c) While the rules that follow shall govern those municipalities that petition for substantive certification and urban aid cities, the Council will review development fee ordinances and plan to spend money upon the request of the court with jurisdiction in an exclusionary zoning lawsuit.

5:93-8.2 Basic Requirements

- (a) Except as set forth in N.J.A.C. 5:93-8.3 through 8.6 inclusive, the Council shall not review or approve any development fee ordinance unless the municipality has petitioned for substantive certification.
- (b) No municipality shall impose or collect development fees unless the municipality has adopted a housing element and the Council has approved its development fee ordinance.
- (c) No municipality shall spend development fees unless the Council has approved a plan for spending such fees. With the exception provided for in N.J.A.C. 5:93-8.3, municipalities that have not received substantive certification or a judgment of repose shall not spend development fees until they have received substantive certification or a judgment of repose.

5:93-8.3 Urban aid municipalities

Municipalities that qualify for State aid pursuant to P.L. 1978, c.14 (N.J.S.A. 52:27D-178 et seq.) shall not impose, collect or spend development fees without conforming to the requirements set forth in N.J.A.C. 5:93-8.2. Council approval of the municipal development fee ordinance shall allow the municipality to impose and collect development fees for a period specified by the Council, not to exceed six years, commencing with the Council's approval of the development fee ordinance. Notwithstanding any other provision of this chapter, these municipalities shall have one year from the Council's approval of their development fee ordinance to submit a plan for spending development fees. These municipalities may impose, collect and spend development fees without petitioning for substantive certification.

5:93-8.4 Municipalities that collected fees and received certification prior to December 13, 1990

- (a) This rule deals with the category of municipalities that have collected development fees prior to December 13, 1990 and have received substantive certification. These municipalities may petition the Council to review and approve an ordinance regarding development fees collected prior to December 13, 1990. The Council may approve such ordinance, provided it conforms to the procedures in N.J.A.C. 5:93-8.8 Development fee ordinance review and N.J.A.C. 5:91-15, Procedures for retaining development fees.
- (b) The municipalities in this category shall not resume collecting development or spending development fees without conforming to N.J.A.C. 5:93-8.2.
- (c) Notwithstanding any other provision of this chapter, the municipalities in this category shall submit plans to spend the development fees (regardless of when these fees were collected) prior to the expiration of their substantive certification periods.

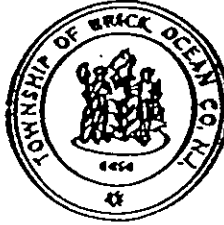
5:93-8.5 Municipalities that collected fees and are proceeding toward certification

- (a) This rule deals with the category of municipalities that have collected development fees prior to December 13, 1990 and have petitioned for substantive certification. These municipalities may petition the Council to review and approve an ordinance regarding development fees collected prior to December 13, 1990. The Council may approve such ordinance provided they conform to the procedures in N.J.A.C. 5:93-8.8, Development fee ordinance review, and N.J.A.C. 5:91-15, Procedures for retaining development fees.
- (b) The municipalities in this category shall not resume collecting development fees or spending development fees without conforming to N.J.A.C. 5:93-8.2.
- (c) Notwithstanding any other provision of this chapter, the municipalities in this category shall submit plans to spend the development fees and receive approval of these plans prior to receiving substantive certification.

5:93-8.6 Municipalities that have not imposed or collected fees that have received substantive certification, or are proceeding toward substantive certification

- (a) This rule deals with municipalities that have not imposed or collected development fees and that have received substantive certification or are proceeding toward substantive certification. Municipalities in this category shall not impose or collect fees until they have received the Council's approval of their development fee ordinance. No municipality in this category shall spend development fees unless the Council has approved a plan for spending such fees.
- (b) Municipalities that have not received substantive certification shall submit plans for spending the development fees and receive approval for these plans prior to receiving substantive certification.
- (c) Notwithstanding any provision of this chapter, municipalities in this category that have received substantive certification shall submit plans for spending the development fees prior to the expiration of the substantive certification period or period of repose.

TOWNSHIP OF BRICK
OCEAN COUNTY, NEW JERSEY
401 CHAMBERS BRIDGE ROAD, BRICK, N.J. 08723



Joseph C. Scarpelli, Mayor

Township Council:

Mary Lou Powner, President
Stephen C. Acropolis
Victor Cantillo
Helen Fayad
Lee Hartman
Thomas G. Maiorino
Michael A. Thufen

Department of Engineering

Municipal Engineer
(908) 262-1038
Fax: (908) 920-4850

DATE: 6/24/98

Municipal Engineer
401 Chambers Bridge Road
Brick NJ 08723

RE: Block: 470.01 Lot: 16

Dear Sir;

I, Carl Russell (Name) of 1739 Chews Landing Rd (Address) Blackwood, NJ 08012
request to be exempted from the plot plan requirement as outlined in the Brick Land Use Book, Chapter 190.31, part B. The property (please circle one) is is not located in a flood zone.

Respectfully yours

Carl R Russell
Applicant's signature Phone # 609 227 1007

1. Submit survey showing location of addition with proposed dimensions, grading. If driveway is being added, show type, width and length.
2. Proof that the property is not located in a Flood Hazard Area.

NOTE: Any excavations to be removed from the Township requires a mining permit.

OFFICE USE

Approved X DATE: 9/24/98 BY: [Signature]

Rejected DATE: BY:

REMARKS: As Per Site Plans

RECEIVED
TOWNSHIP OF BRICK
OCEAN COUNTY, NJ
SEP 24 1998

Construction Official



Hold for Wawa

OCEAN COUNTY HEALTH DEPARTMENT

No: _____

SANITARY INSPECTION REPORT

ESTABLISHMENT INFORMATION

PHONE # 610-358-8000		ESTABLISHMENT CODE 12	GOODS ☐ DESTROYED ☒ EMBARGOED
ESTABLISHMENT TRADING NAME Wawa		EVALUATION ☒ SATISFACTORY ☐ CONDITIONALLY SATISFACTORY ☐ UNSATISFACTORY	
NUMBER AND STREET BRIEN BLVD & CROFTBRIDGE AVE.			
CITY OR MUNICIPALITY BRIEN	ZIP CODE 08723		
ESTABLISHMENT LICENSE NO. -	COMMUN. CODE 1506	RISK A	WATER SUPPLY ☒ Public - Community ☐ Individual (Public - Non-Community)

OWNER INFORMATION

(Complete this section only if different from establishment information)

NAME OF OWNER(S), CORPORATION OR REGISTERED AGENT Wawa Inc.	
NUMBER AND STREET 260 WEST BALTIMORE PIKE	
CITY OR MUNICIPALITY Wawa	STATE PENNA.
ZIP CODE 19063-5699	COMMUN. CODE -

TIME (2400 HOURS)

DATE	BEGIN	END
7-28-98	0855	0930

COMPLAINT NO. _____
COMPLAINT REC. _____
COMPLAINT INSPECTED _____

- INSPECTION TYPE
- ☐ COMPLAINT
 - ☐ INITIAL INSPECTION
 - ☐ REINSPECTION

TYPE OF ESTABLISHMENT

- ☒ RETAIL
- ☐ WHOLESALE
- ☐ VENDING MACHINE NO. OF MACHINES _____
- ☐ FROZEN DESSERTS
- ☐ OTHER _____

Joseph J. Przywara
Health Officer
Sunset Avenue
P.O. Box 2191
Toms River, N.J. 08754-2191
Telephone No. 732-341-9700
609-978-9715

Tobacco ☒ V. NA.

NAME OF INSPECTING OFFICIAL (Print)

Steve Klaniacki

SIGNATURE OF INSPECTING OFFICIAL

Steve Klaniacki

PERMANENT REG. NO.

B-1463

FAX TRANSMITTAL SHEET

Date: 10/9/98Number Of Pages To Follow: 1To: Allison

_____From: Karen

CARL R. PURSELL, INC.

1739 Chews Landing Road, RD 41
Blackwood, NJ 08012

Our Fax #(609) 232-1668

Construction	#(609) 232-1653
Electrical & Mechanical	#(609) 227-1001
Plumbing	#(609) 228-2929
Real Estate	#(609) 227-1004

RECEIVED

OCT 13 1998

DIV. OF INSPECTION

Message: as per our telephone conversation
earlier today - a letter from Oscar
Martinez confirming corrections for
595 Brick Blvd. Walwa have been
completed.

Thank you

October 7, 1998

Building Inspection Department
Township of Brick
401 Chambers Bridge Road
Brick, NJ 08723

Re: New Wawa Food Market
585 Brick Boulevard

Dear Sirs:

We received via fax from Carl R. Pursell, Inc.'s office a copy of your Plan Review Records for the above referenced project dated 10/2/98 and 10/5/98. In response to these comments I noted the following:

Plan Review record 10/5/98:

1. Sprinklers Waste Area: Sheet P1 of the Plans shows a 1-Hour Limited Area Sprinkler System for this area. In addition, the space is of 1-Hour Construction.

Plan Review record 10/2/98:

1. Footing Depth: Minimum footing depth is 3'-0" below finish grade. It applies to all footings. Drawing S-1 will be modified to indicate so as per BOCA 1806.1.
2. Anchor Bolts: Anchors bolts are $\frac{3}{4}$ " x 16" x 3". Drawing S-3 shall be revised to indicate this. Size to be also shown in steel shop drawings.
3. Steel Shop Drawings: These are supplied by successful bidder's steel erector and fabricator after project contract has been awarded. Copy of these will be submitted to your office at that time and before any structural steel erection, as per BOCA 2203.4
4. Aisle Width: Aisle width has been modified in EQ sheet to indicate 44" wide aisles in lieu of 42" shown, to comply with BOCA 1011.3.
5. Rear Exitway: The access to the rear exit is through open area at Deli and Prep Area. My interpretation is that this is not considered a corridor as referenced in BOCA 1011.4.
6. Trash Room: Trash is 1-Hour Rated and has a Limited Area Sprinkler System.
7. Roof Equipment: The screens and guard rails shown on Sheet A-4 and detailed on sheet A-7, comply with BOCA M407.2.

If you require any additional information, please feel free to call Paul Jamsky of Carl Pursell, Inc., at (800) 232-1653 or me at (215) 641-4830 x-111.

Sincerely,

LYNCH MARTINEZ ARCHITECTS

Oscar R. Martinez, AIA

Encls.

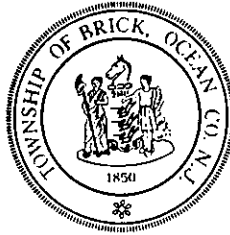
Cc: Dave Harris, Wawa, Inc.
Carl Pursell, Carl R. Pursell, Inc.

BrickTwp\insp1.doc

TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY

401 CHAMBERS BRIDGE ROAD, BRICK, N.J. 08723



Joseph C. Scarpelli, Mayor

Township Council:

Victor Cantillo – President
Martin J. Anton
Helen Fayad
Gregory S. Kavanagh
Mary Lou Powner
Kathy M. Russell
Frederick J. Underwood, Sr.

Office of Affordable Housing

Carol A. Wolfe

Affordable Housing Administrator

(732) 262-1048

FAX (732) 262-8954 or (732) 920-1456

<http://www.twp.brick.nj.us>

October 1, 1998

Mr. Carl Pursell
1739 Chewslanding
Blackwood, NJ 08012

RE: Mandatory Development Fee
Block 470.01, Lot 16; WaWa ~ 595 Brick Blvd.

Dear Mr. Pursell:

The Township of Brick has enacted Ordinance 354-2C-93 in conjunction with our Fair Share Plan, which was certified by the New Jersey Council on Affordable Housing on February 3, 1993.

This Ordinance requires that commercial development applicants pay a fee in the amount of one percent of the assessed value per project. The municipal Tax Assessor has estimated the value of the work to be completed under the construction permit application received on July 7, 1998, for the above block and lot at \$413,900.00, resulting in an estimated fee of \$4,139.00.

Therefore, you are required to submit half of the estimated fee (\$2069.50) in the form of a check made payable to the Township of Brick for deposit into the Affordable Housing Trust Fund. The balance is to be collected prior to issuance of the Certificate of Occupancy.

May I suggest that you contact this office approximately two weeks prior to your request for a C.O. to allow adequate time for the Assessor to conduct a final evaluation of the site.

If you have any questions, please contact me.

Sincerely,

Carol A. Wolfe

Carol A. Wolfe
Affordable Housing Administrator

CAW/da

TOWNSHIP OF BRICK
OCEAN COUNTY, NEW JERSEY
401 CHAMBERS BRIDGE ROAD, BRICK, N.J. 08723



Joseph C. Scarpelli, Mayor

Township Council:

Michael A. Thulen, President
Stephen C. Acropolis
Martin J. Anton
Victor Cantillo
Helen Fayad
Lee Hartman
Mary Lou Powner

Office of Affordable Housing
Carol A. Wolfe
Affordable Housing Administrator
(732) 262-1048

CASE # _____

APPROVAL DATE: _____
(Planning Board/BOA)

DATE: 9.25.98

TO: Frederick R. Millman, CTA
Tax Assessor

FROM: Carol A. Wolfe
Affordable Housing Administrator

RE: BLOCK 470.01 LOT 16 SITE ADDRESS 595 Brick Blvd

TYPE OF SITE Commercial TYPE OF BUSINESS Waiting
(Residential/Commercial)

APPLICANT Carl P. Scarpelli CITY & STATE Brick, NJ

☒ Please review the attached application for an **estimated** assessed value for the proposed construction.

The **estimated** assessed value for the construction at the above referenced site is:

\$ 110,000

Frederick R. Millman, CTA, Tax Assessor

Date

☐ Please review the attached application for a final assessed value for the construction at the above referenced site:

\$ _____

Frederick R. Millman, CTA, Tax Assessor

Date

**OFFICE OF AFFORDABLE HOUSING
CERTIFICATE OF COMPLIANCE**

BLOCK 470.21 LOT 16 SITE ADDRESS 575 Black Blvd
TYPE OF SITE Residential / Commercial TYPE OF BUSINESS _____
APPLICANT Paula P. ... PHONE NUMBER 609-227-1001
APPLICANT ADDRESS 1759 ... CITY & STATE Phila. Pa.
PERMIT # _____ NAME OF BUSINESS ...

INCLUSIONARY DEVELOPMENT

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

MANDATORY DEVELOPER FEES

☐ Residential is .005 %
☒ Commercial is .01 %

Estimated Assessment \$ 413,100 Date 7-20-98
Estimated Required Fee \$ 413,100
Required Deposit on Estimate \$ 206,550 Date 1-1-99
Check # 1001 Receipt # 1001
Actual Assessment \$ _____ Date _____
Actual Required Fee \$ _____
Minus Deposit of Estimate \$ _____
Balance Due \$ _____ Date _____
Check # _____ Receipt # _____
Amount Paid In Full \$ _____

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

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

Carol A. Wolfe
Affordable Housing Administrator

APPLICATION FOR SHADE TREE PERMIT
ORDINANCE #158-72

Telephone # (609) 227-1001

1. Name of Applicant & Address CARL R. PURSELL INC. 1739 Chewslanding Rd.

Give name and address of person applying for permit. If applicant is other than owner, give and identify names and addresses of both. Blackwood, NJ.

2. Property is Block 470.01 Lot (s) 16

This information is available from your deed or tax bill.

3. Address if different from applicant BRICK BLVD + CEDAR BRIDGE AVE

Give street and number if one is assigned. If there is no street number, estimate distance and direction from nearest intersection or other easily recognizable landmark

4. Location of trees on property X and number of trees presently on property _____

A. For individual building lots:

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

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

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

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

There should be a minimum of one tree for each 2000 sq. ft. after all proposed tree removal and replacement. (e.g. an 80 X 100 lot includes 8000 sq. ft. and would require a minimum of 4 trees.

B. For other acreage.

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

Same minimum of one tree per 200 sq. ft. as above should be observed.

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

THE RESPONSIBILITY OF HAVING THIS APPLICATION PROCESSED BY THE SHADE TREE COMMISSION, RESTS SOLELY UPON THE APPLICANT.

Name of Applicant CARL R PIRELLI

Address _____

Property is Block _____ Lot(s) _____

Residential _____ Commercial _____

Address if different from applicant _____

Location of trees on property: _____

Number of trees presently on property: _____

Additional information to enable the application to be properly evaluated: _____

Fee: \$5.00 for trees located on individual building lot.

\$15.00 per acre for all other lands.

Recommendation from Shade Tree Commission: _____

Date

Signature of Chairman

Action by Council: Approved _____

Denied _____

Date

Township Clerk

6735 Business Parkway
Elkridge, MD 21075

Fax Cover Sheet



TO: Ben
COMPANY: Carl R. Pursell
FROM: Gwen
Lennox

DATE: 7-6-98
FAX: _____

LENNOX Industries Inc.

(Baltimore)

SUBJECT: Wawa
Brick turnip

COMMENTS: cut sheets
4

NUMBER OF PAGES INCLUDING THIS COVER SHEET: _____

OUR FAX NUMBER HERE IS: **(410) 379-6023**

IF FULL TRANSMISSION IS NOT RECEIVED, PLEASE CALL US AS SOON AS POSSIBLE
AT: **(410) 796-8700 OR (800) 214-3283**

FEATURES

Item	LHA 090	LCA/LCA 102	LCA/LCA 120	LCA/LCA 150
Air Flow Choice — Bottom (down-flow) or *horizontal (side) supply and return air	Standard	Standard	Standard	Standard
Bottom Power Entry — For electrical and gas lines	Standard	Standard	Standard	Standard
Cabinet — Heavy gauge galvanized steel, fully insulated, powdered enamel paint finish, large removable access panels, electrical inlets in cabinet base and electric heat end panel (LCA/LHA only), easy access control area with factory installed controls, low voltage terminal strip, unit lifting holes in base rail	Standard	Standard	Standard	Standard
Cabinet Access Panels (Hinged) — 2 compressor/controls/heating area access panels, 1 blower access panel and 1 air filter/economizer access panel hinged with tool-less access handles, gaskets on all edges for tight seal, access panels have steel panel inner liner with insulation sandwiched in-between	Standard	Standard	Standard	Standard
Coil Construction — Copper tube construction, ripple-edged enhanced aluminum fins, flared shoulder tubing connections, silver soldered construction, factory tested, evaporator coil face split with separate circuits, indoor coil drain connection extends outside of unit cabinet	Standard	Standard	Standard	Standard
Compressor Crankcase Heaters	Standard	Standard	Standard	Standard
Filters — Disposable 2 inch (51 mm) pleated commercial grade	Standard	Standard	Standard	Standard
Filter Access — Hinged filter door with tool-less access handles	Standard	Standard	Standard	Standard
Integrated Modular Control (IMC) — Solid-state board contains all controls and control relays to operate unit Built-in Functions include: - Blower On/Off Delay - Built-in Control Parameter Defaults, ensure proper unit operation when power is restored after power failure - Service Relay Output - Defrost Control - Dirty Filter Switch Input - Economizer Control, four modes of operation (outdoor enthalpy, differential enthalpy, temperature and global) - Electric Heat Staging, regulates electric heat during building warm-up - ETM Compatible, various modules (see factory or field installed accessories) - Extensive Unit Diagnostics, (80 diagnostic codes) - Permanent Diagnostic Code Storage - Field Changeable Control Parameters, (85 different parameters) - Gas Valve Delay Between First and Second Stage - Indoor Air Quality Input, monitors CO₂ levels, adjusts economizer dampers as needed (four modes of operation), requires optional field installed Indoor Air Quality (CO₂) Sensor - Low Ambient Controls — Allows unit cooling operation down to 0°F (-17.8°C) - Minimum Run Time - Night Setback Mode, adjusts setpoint, closes outdoor air dampers and operates blower on demand, may be customized for special requirements - Smoke Alarm Mode, (four modes of operation) - "Strike Three" Low Pressure Control, protects system from low suction pressure while eliminating nuisance faults - Thermostat Bounce Delay - Three Digit Display, (Displays: outdoor temperature, supply air temperature, return air temperature, economizer damper position, Indoor Air Quality, control parameters) - Two Stage Thermostat Compatible - Warm-up Mode, (four modes of operation)	Standard	Standard	Standard	Standard
Outdoor Coil Fans — PVC coated fan guards furnished	Standard	Standard	Standard	Standard
Outdoor Coil Fan Motors — Overload protected, permanently lubricated, equipped with ball bearings, shaft up, wire basket mount	Standard	Standard	Standard	Standard
Supply Air Blower — Belt drive, forward curved blades with double inlet, blower wheel statically and dynamically balanced, ball bearings, grease fittings furnished, adjustable pulley (allows speed change), blower assembly slides out of unit for servicing	Standard	Standard	Standard	Standard
Supply Air Motor (Standard Efficiency) — Overload protected, equipped with ball bearings	Standard	Standard	Standard	Standard

*Requires Optional Horizontal Conversion Kit.

FEATURES

LCA MODELS

Item	LCA102	LCA120	LCA150
Approvals — E.T.L. and C.G.A. listed, efficiency rating verified by C.S.A., components bonded for grounding to meet safety standards for servicing required by U.L., C.S.A. and National and Canadian Electrical Codes	Standard	Standard	Standard
ARI Ratings — Ratings in accordance with ARI Standard 210/240-94 and certified to ARI	Standard	Standard	----
ARI Ratings — Ratings in accordance with ARI Standard 340/360-93 and certified to ARI	----	----	Standard
Compressors — Reciprocating type	"S" Models	"S" Models	"S" Models
Compressors — Copeland® Compliant Scroll™ type for high efficiency	"H" Models	"H" Models	----
Outdoor Coil Construction — Slab type	Standard	Standard	Standard
Refrigeration System — Consists of: compressors, condenser coils and direct drive fans, evaporator coil and belt drive blowers, expansion valves, high capacity driers, high pressure switches, low pressure switches, full refrigerant charge, crankcase heaters, freezestats (prevent coil freeze-up during low ambient operation or loss of air), independent refrigerant circuits (allows staging)	Standard	Standard	Standard
Warranty — Limited five years compressors, limited one year all other components, see limited warranty certificate included with unit for details	Standard	Standard	Standard

FEATURES

LGA MODELS

Item	LGA102	LGA120	LGA150
Approvals — E.T.L./C.G.A. certified as combination heating/cooling unit for outdoor installation, efficiency rating verified by C.S.A., bonded for grounding to meet safety standards for servicing required by E.T.L./C.G.A. and National and Canadian Electrical Codes	Standard	Standard	Standard
ARI Ratings — Ratings in accordance with ARI Standard 210/240-94 and certified to ARI	Standard	Standard	----
ARI Ratings — Ratings in accordance with ARI Standard 340/360-93 and certified to ARI	----	----	Standard
Compressors — Reciprocating type	"S" Models	"S" Models	"S" Models
Compressors — Copeland® Compliant Scroll™ type for high efficiency	"H" Models	"H" Models	----
Outdoor Coil Construction — Slab type	Standard	Standard	Standard
Fan and Limit Controls — Factory installed, 90 second fan "on" time delay, dual limit controls (primary and secondary) with fixed temperature setting	Standard	Standard	Standard
Heat Exchanger — Tubular construction, aluminized steel, life cycle tested	Standard	Standard	Standard
Heating System — Aluminized steel inshot burners, direct spark ignition, electronic flame sensor, redundant automatic dual gas valve with manual shut-off, induced draft blower, flame rollout switch	Standard	Standard	Standard
Refrigeration System — Consists of: compressors, condenser coil and direct drive fans, evaporator coil and belt drive blowers, expansion valves, high capacity driers, high pressure switches, low pressure switches, full refrigerant charge, crankcase heaters, freezestats (prevent coil freeze-up during low ambient operation or loss of air) independent refrigerant circuits (allows staging)	Standard	Standard	Standard
Warranty — Limited ten years heat exchanger, limited five years compressors, one year all other components, see limited warranty certificate included with unit for details	Standard	Standard	Standard

FEATURES

LHA MODELS

Item	LHA090H	LHA120H
Approvals — E.T.L. and C.G.A. listed, efficiency rating verified by C.S.A., components bonded for grounding to meet safety standards for servicing required by U.L., C.S.A. and National and Canadian Electrical Codes	Standard	Standard
ARI Ratings — Ratings in accordance with ARI Standard 210/240-94 and certified to ARI	Standard	Standard
Compressors — Copeland® Compliant Scroll™ type for high efficiency	Standard	Standard
Defrost Control — Furnished on Integrated Modular Control, defrost control provides a defrost cycle, if needed, every 30 or 60 or 90 minutes (adjustable) of compressor "on" time at outdoor coil temperature below 32°F (0°C). Pressure switch mounted on outdoor coil vapor line terminates defrost cycle.	Standard	Standard
Outdoor Coil Construction — Formed	Standard	Standard
Refrigeration System — Consists of: compressors, outdoor coils and direct drive fans, indoor coil and belt drive blowers, check and expansion valves (indoor and outdoor), high capacity driers, high pressure switches, low pressure switches, reversing valves, defrost control, full refrigerant charge, crankcase heaters, freezestats (prevent coil freeze-up during low ambient operation or loss of air), independent refrigerant circuits (allows staging)	Standard	Standard
Warranty — Limited five years compressors, limited one year all other components, see limited warranty certificate included with unit for details	Standard	Standard

FACTORY INSTALLED ONLY OPTIONS

ALL MODELS

Item	LHA 090	LCA/LGA 102	LCA/LGA/LHA 120	LCA/LGA 150
Condensate Traps — PVC or copper condensate trap factory installed in unit	Factory	Factory	Factory	Factory
Corrosion Protection — Phenolic epoxy coating, applied to condenser coils (with painted base section) and evaporator coils (with painted evaporator base section and painted blower housings), factory applied to either section or both sections	Factory	Factory	Factory	Factory
Disconnect Switch — Accessible from outside of unit, spring loaded weatherproof cover furnished	Factory	Factory	Factory	Factory
Service Outlets (2) — 115v ground fault circuit interrupter (GFCI) type	Factory	Factory	Factory	Factory
*Service Valves — Fully serviceable brass valves installed in discharge and liquid lines	NA	Factory	*Factory	Factory
Smoke Detector — Photoelectric type, factory installed in supply air section or return air section or both sections	Factory	Factory	Factory	Factory
Supply Air Motor (High Efficiency) — Overload protected, equipped with ball bearings, meets 1997 EPACT minimum efficiency requirements	Factory	Factory	Factory	Factory

*Not available for LHA heat pump models.

FACTORY INSTALLED ONLY OPTIONS

LGA

Item	LGA102	LGA120	LGA150
Standard Heat Gas Input — Factory installed (low fire/high fire) 84,500 and 130,000 Btuh (24.8 and 38.1 kW) input two stage heating capacity	Factory	Factory	Factory
High Heat Gas Input — Factory installed (low fire/high fire) 152,500 and 235,000 Btuh (44.7 and 68.9 kW) input two stage heating capacity	Factory	Factory	Factory

FIELD INSTALLED ONLY ACCESSORIES

ALL MODELS

Item	LHA 090	LCA/LGA 102	LCA/LGA/LHA 120	LCA/LGA 150
Control System — Electro-mechanical Thermostat	Optional	Optional	Optional	Optional
Control System — Electronic Thermostat	Optional	Optional	Optional	Optional
Control System — Honeywell T7300 Thermostat	Optional	Optional	Optional	Optional
Diffusers (Step-Down) — Aluminum grilles, double deflection louvers, large center grille, insulated diffuser box with flanges, hanging rings furnished, interior transition (even air flow), internally sealed (prevents recirculation), adapts to T-bar ceiling grids or plaster ceilings	RTD11-135	RTD11-135	RTD11-135	RTD11-185
Diffusers (Flush) — Aluminum grilles, fixed blade louvers, large center grille, insulated diffuser box with flanges, hanging rings furnished, interior transition (even air flow), internally sealed (prevents recirculation), adapts to T-bar ceiling grids or plaster ceilings	FD11-135	FD11-135	FD11-135	FD11-185
Horizontal Conversion Kit — Two piece duct cover in kit blocks off unit down-flow supply air opening, horizontal return air opening panel (on unit) is moved to block off down-flow return air opening for horizontal applications			56K53	
Horizontal Gravity Exhaust Dampers — Aluminum blade dampers prevent blow back and outdoor air infiltration during off cycle, field installed in return air duct, bird screen furnished			LAGEDH10/15	
Indoor Air Quality (CO₂) Sensor — Monitors CO ₂ levels, reports to Integrated Modular Control (IMC) board which adjusts economizer dampers as needed			18K51	
Transitions (Supply and Return) — Used with diffusers, installs in roof mounting frame, galvanized steel construction, flanges furnished for duct connection, fully insulated	LASRT10/12	LASRT10/12	LASRT10/12	LASRT15
Roof Mounting Frame — Nailor strip furnished, mates to unit, U.S. National Roofing Contractors Approved, shipped knocked down	LARMF10/15-14 — 14 inch (356 mm) height or LARMF10/15-24 — 24 inch (610 mm) height			

FIELD INSTALLED ONLY ACCESSORIES

LGA

Item	LGA102	LGA120	LGA150
LPG/Propane Kits	Optional	Optional	Optional

FACTORY OPTIONS OR FIELD INSTALLED ACCESSORIES

ALL MODELS

Item	LHA 090	LCA/LGA 102	LCA/LGA/LHA 120	LCA/LGA 150
Blower Proving Switch — Monitors blower operation, locks out unit in case of blower failure	Optional	Optional	Optional	Optional
Control Systems — See pages 6, 7 and 8 for complete listing	Optional	Optional	Optional	Optional
Dirty Filter Switch — Pressure switch indicates dirty filter, relays information to Integrated Modular Control (furnished with unit)	Factory	Factory	Factory	Factory
Economizer — Opposing gear driven recirculated air and outdoor air dampers, plug-in connections to unit, nylon bearings, neoprene seals, 24 volt fully modulating spring return motor, adjustable minimum damper position, damper assembly slides in unit, outdoor air hood must be ordered separately (see below), optional down-flow gravity exhaust dampers available (see below), choice of economizer controls (see below)			LAREMD10/15	
Economizer Control Choice —				
Sensible Control — Furnished on IMC board in unit, uses outdoor air sensor furnished with unit to measure outdoor air temperature and control damper position	Furnished with unit	Furnished with unit	Furnished with unit	Furnished with unit
Outdoor Enthalpy Control — Adjustable enthalpy sensor, senses outdoor air enthalpy for economizer control, 0 to 100% outdoor air, adjustable minimum positioner	Optional	Optional	Optional	Optional
Differential Enthalpy Control — Two solid-state enthalpy sensors allow selection between outdoor air and return air (whichever has lowest enthalpy)	Optional	Optional	Optional	Optional
Global Control — Furnished on IMC board in unit, used with Direct Digital Control (DDC) systems, uses global air sensor to control damper position, determines when to use outdoor air for cooling or set damper at minimum position	Furnished with unit	Furnished with unit	Furnished with unit	Furnished with unit
Down-Flow Gravity Exhaust Dampers — Aluminum blade dampers prevent blow back and outdoor air infiltration during off cycle, bird screen furnished			LAGED10/15	
Outdoor Air Damper Section (Automatic Operation) — Linked mechanical dampers, 0 to 25% outdoor air adjustable, fully modulating spring return damper motor, plug-in connection, installs in unit for down-flow applications, outdoor air hood must be ordered separately (see below)			LAOADM10/15	
Outdoor Air Damper Section (Manual Operation) — Linked mechanical dampers, 0 to 25% (fixed) outdoor air adjustable, installs in unit for down-flow applications, outdoor air hood must be ordered separately (see below)			LAOAD10/15	
Outdoor Air Hood — Required with LAREMD10/15 Economizer, LAOADM10/15 and LAOADM10/15 Outdoor Air Damper Sections, two cleanable aluminum mesh fresh air filters furnished			LAOAH10/15	
Power Exhaust Fans — Install in unit for down-flow applications only with economizer option, provide exhaust air pressure relief, interlocked to run when return air dampers are closed and supply air blower is operating, fan runs when outdoor air dampers are 50% open (adjustable), overload protected, requires optional down-flow gravity exhaust dampers (see above)			LAPEF10/15	

FACTORY OPTIONS OR FIELD INSTALLED ACCESSORIES

LCA/LHA

Item	LHA090	LCA102	LCA/LHA120	LCA150
Electric Heat — Factory or field installed, helix wound nichrome elements, time delay for element staging, individual element limit controls, wiring harness, may be two-stage controlled, requires optional Fuse Block and Terminal Block	Optional	Optional	Optional	Optional
Electric Heat Fuse Block — Mounting screws furnished	Required	Required	Required	Required
Electric Heat LTB2 Terminal Block — Required with electric heat, see Optional Electric Heat Accessories Table	Required	Required	Required	Required

FACTORY OPTIONS OR FIELD INSTALLED ACCESSORIES

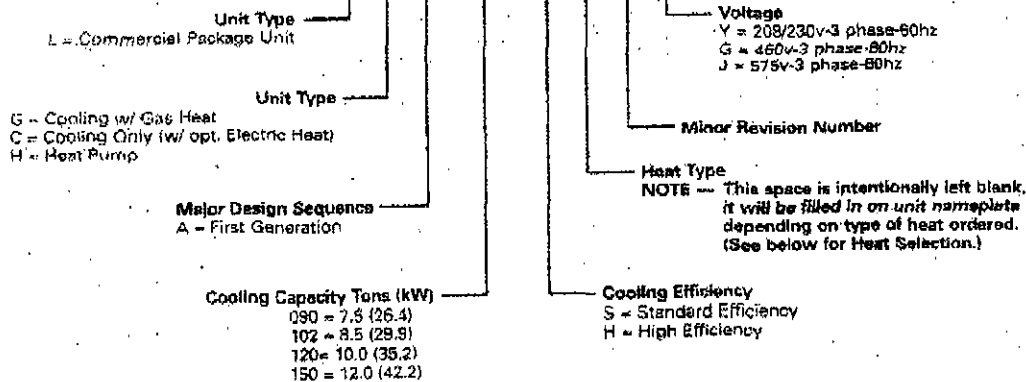
LGA

Item	LGA102	LGA120	LGA150
❖ Cold Weather Kit — Electric heater automatically controls minimum temperature in gas burner compartment when temperature is below -40°F (-40°C), C.G.A. certified to allow operation of unit down to -60°F (-50°C)	Optional	Optional	Optional

L Series 090-102-120-150 / Page 5

MODEL NUMBER IDENTIFICATION

LGA102S 1 Y



FACTORY INSTALLED OPTIONS

BLOWER MOTORS

- 2 hp (1.5 kW) standard or high efficiency
- 3 hp (2.2 kW) standard or high efficiency
- 5 hp (3.7 kW) standard or high efficiency

*BLOWER DRIVES

- Drive #1 & 3 option w/ 2 hp (1.5 kW) motor
- Drive #1, 3 & 5 option w/ 3 hp (2.2 kW) std. motor
- Drive #2, 4 & 6 option w/ 3 hp (2.2 kW) hi. eff. motor
- Drive #4 & 6 option w/ 5 hp (3.7 kW) motor

*See Blower Performance table for specifications.

TECHNICOAT CORROSION PROTECTION

- Condenser Coils and Base Section
- Evaporator Coil, Base Section and Blower Housing

ECONOMIZER

ECONOMIZER CONTROLS

- Sensible Control
- Outdoor Enthalpy Control
- Differential Enthalpy Control
- Global Control

OUTDOOR AIR DAMPERS

- Manual Control
- Automatic Control

POWER EXHAUST FAN

GRAVITY EXHAUST DAMPERS (Down-Flow Applications Only)

ELECTRICAL

- 115v GFCI Service Outlets (2)
- Unit Disconnect

HEAT SELECTION

GAS HEAT (Two Stage)

- Standard Heat Input (low fire/high fire)
84,500 and 130,000 Btuh (24.8 and 38.1 kW)
- High Heat Input (low fire/high fire)
152,500 and 235,000 Btuh (44.7 and 68.9 kW)

ELECTRIC HEAT

- 7.5 kW (090 & 102 models only)
- 15 kW
- 30 kW
- 45 kW
- 60 kW (120 & 150 models only)

REFRIGERATION SYSTEM

- Service Valves (Not Available for LHA Models)

CONTROL SYSTEMS

- Andover Infinity
- CPC 810-3080
- CSI MR88R
- Honeywell W7400
- Honeywell W7620
- Honeywell W973
- Johnson UNT
- Novar ETM-2050
- Novar Custom Controller

DIRTY FILTER SWITCH

BLOWER PROVING SWITCH

SMOKE DETECTORS

- Smoke Detector (Return Air)
- Smoke Detector (Supply Air)

CONDENSATE TRAPS

- PVC or Copper

HIGH ALTITUDE DERATE (LGA Models)

Units may be installed at altitudes up to 2000 feet (610 m) above sea level without any modification. At altitudes above 2000 feet (610 m), units must be derated to match gas manifold pressures shown in table below.

NOTE — This is the only permissible derate for these units.

Altitude - ft. (m)	Gas Manifold Pressure - in. w.g. (kPa)
2001 - 3000 (610 - 915)	3.6 (0.90)
3001 - 4000 (915 - 1220)	3.6 (0.87)
4001 - 5000 (1220 - 1525)	3.4 (0.86)
5001 - 6000 (1525 - 1830)	3.3 (0.82)
6001 - 7000 (1830 - 2135)	3.2 (0.80)
7001 - 8000 (2135 - 2440)	3.1 (0.77)

OPTIONAL FIELD INSTALLED ACCESSORIES
ALL MODELS

Unit Model No.		LCA/LGA102/120/150 & LHA090/120	
LPG/Propane Conversion Kit (LGA models only)		19K52	
❖ Cold Weather Kit (LGA models only)		65C03	
Down-Flow Roof Mounting Frame (Net Weight)	14 inch (356 mm) height	LARMF10/15-14 - 126 lbs. (57 kg)	
	24 inch (610 mm) height	LARMF10/15-24 - 174 lbs. (79 kg)	
Economizer (Outdoor Air Hood Required - Order Separately)	Model No. — (Net Weight)	LAREMD10/15 - 47 lbs. (21 kg)	
Outdoor Air Hood — (Net Weight)		LAOAH10/15 - 11 lbs. (5 kg)	
Outdoor Enthalpy Control		16K96	
Differential Enthalpy Control		16K97	
Gravity Exhaust Dampers (Required With Economizer) (Net Weight)	Down-Flow	LAGED10/15 - 8 lbs. (4 kg)	
	*Horizontal	LAGEDH10/15 - 8 lbs. (4 kg)	
Horizontal Conversion Kit		66K53	
Power Exhaust Fan (Down-Flow Only) (Available With Economizer Only, Down-Flow Gravity Exhaust Dampers Required)	Model No. (Net Weight)	LAPEF10/15 - 28 lbs. (13 kg)	
	Diameter — in. (mm) & No. of Blades	(1) 20 (508) - 5	
	Total air volume — cfm (L/s)	4200 (1980) @ 0 in. w.g. (0 Pa)	
	Motor Horsepower (W)	(1) 1/3 (249)	
	Total Watts input	300	
Ceiling Supply and Return Air Diffusers (Net Weight)	Step-Down	RTD11-135 (090, 102 & 120 models) 205 lbs. (93 kg)	RTD11-185 (150 models) 392 lbs. (178 kg)
	Flush	FD11-135 (090, 102 & 120 models) 174 lbs. (79 kg)	FD11-185 (150 models) 289 lbs. (131 kg)
	Transition	LASRT10/12 (090, 102 & 120 models) 32 lbs. (15 kg)	LASRT15 (150 models) 35 lbs. (16 kg)
Outdoor Air Damper (Manual Operation) — (Net Weight) (Outdoor Air Hood Required - Order Separately)		LAOAD10/15 - 26 lbs. (12 kg)	
Outdoor Air Damper (Automatic Operation) — (Net Weight) (Outdoor Air Hood Required - Order Separately)		LAOADM10/15 - 31 lbs. (14 kg)	
Outdoor Air Hood — (Net Weight)		LAOAH10/15 - 11 lbs. (5 kg)	
Indoor Air Quality (CO ₂) Sensor		18K51	

*Field installs in return air duct. Two dampers furnished per order no.

WEIGHT DATA

WEIGHT DATA			
Model No.	Description	Weight	
		lbs.	kg
Net Weights			
LCA102S	Net weight (Base unit)	1120	508
LCA120S	Net weight (Base unit)	1130	513
LCA150S	Net weight (Base unit)	1170	531
LCA102H	Net weight (Base unit)	1140	517
LCA120H	Net weight (Base unit)	1180	535
LGA102S	Net weight (Base unit with low fire heat exchanger)	1200	544
LGA120S	Net weight (Base unit with low fire heat exchanger)	1210	549
LGA150S	Net weight (Base unit with low fire heat exchanger)	1250	567
LGA102H	Net weight (Base unit with low fire heat exchanger)	1220	553
LGA120H	Net weight (Base unit with low fire heat exchanger)	1260	572
LHA090H	Net weight (Base unit)	1180	535
LHA120H	Net weight (Base unit)	1230	558
Shipping Weights (Add Factory Installed Options Weights To Base Unit Weights For Total Shipping Weight)			
LCA102S	Base unit	1205	547
LCA120S	Base unit	1215	551
LCA150S	Base unit	1255	569
LCA102H	Base unit	1225	556
LCA120H	Base unit	1265	574
LHA090H	Base unit	1265	574
LHA120H	Base unit	1315	596
LCA/LHA Models Only	Electric Heat (add to Base unit)	See Electric Heat Rating Tables	
LGA102S	Base unit with low fire heat exchanger	1285	583
LGA120S	Base unit with low fire heat exchanger	1295	587
LGA150S	Base unit with low fire heat exchanger	1335	606
LGA102H	Base unit with low fire heat exchanger	1305	592
LGA120H	Base unit with low fire heat exchanger	1345	610
LGA Models Only	High Fire Heat Exchanger (add to Base unit)	40	18
All Models	Economizer (add to Base unit)	55	30
	Outdoor Air Damper (add to Base unit)	40	18
	Power Exhaust (add to Base unit)	28	13
	LTL Packaging (less than truck load) (add to Base unit)	105	48

ELECTRICAL DATA -- 102 SIZE

LCA/LGA

Model No.			LCA/LGA102																	
Line voltage data — 60 Hz — 3 phase			208/230v						460v						575v					
Unit Efficiency			Standard (S)			High (H)			Standard (S)			High (H)			Standard (S)			High (H)		
Compressors (2)	Rated load amps each (total)		14.1 (28.2)			13.5 (27.0)			7.7 (15.4)			7.4 (14.8)			6.0 (12.0)			5.8 (11.6)		
	Locked rotor amps each (total)		106 (210)			99 (198)			53 (106)			50 (100)			42 (84)			40 (80)		
Condenser Fan Motors (2)	Full load amps (total)		4.8			4.8			2.6			2.6			2.0			2.0		
	Locked rotor amps (total)		9.4			9.4			4.8			4.8			3.8			3.8		
Evaporator Blower Motor	Motor Output	hp	2	3	5	2	3	5	2	3	5	2	3	5	2	3	5	2	3	5
		kW	1.5	2.2	3.7	1.5	2.2	3.7	1.5	2.2	3.7	1.5	2.2	3.7	1.5	2.2	3.7	1.5	2.2	3.7
	Full load amps		7.5	10.6	16.7	7.5	10.6	16.7	3.4	4.8	7.6	3.4	4.8	7.6	2.7	3.9	6.1	2.7	3.9	6.1
	Locked rotor amps		46.9	66	105	46.9	66	105	20.4	28.8	45.6	20.4	28.8	45.6	16.2	23.4	36.6	16.2	23.4	36.6
Rec. max. fuse size (amps)	With Exhaust Fan		60	60	70	50	60	70	30	30	35	30	30	35	25	25	25	20	25	25
	Less Exhaust Fan		50	60	70	50	50	60	30	30	35	30	30	30	20	25	25	20	25	25
*Minimum Circuit Ampacity	With Exhaust Fan		46	50	56	45	48	55	25	26	29	24	25	28	19	20	23	19	20	22
	Less Exhaust Fan		44	47	54	43	46	53	23	25	28	23	24	27	18	19	22	18	19	21
Optional Power Exhaust Fan	(No.) Horsepower (W)		(1) 1/3 (249)																	
	Full load amps		2.4			2.4			1.3			1.3			1.0			1.0		
	Locked rotor amps		4.7			4.7			2.4			2.4			1.9			1.9		
Service Outlet (2) 115 volt GFCI (amp rating)			15			15			15			15			15			15		

*Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

NOTE — Extremes of operating range are plus and minus 10 % of line voltage.

NOTE — Where current does not exceed 100 amps, HACR type circuit breaker may be used in place of fuse (U.S. only).

ELECTRICAL DATA -- 120 SIZE

LCA/LGA

Model No.			LCA/LGA120																			
Line voltage data ~ 60 Hz ~ 3 phase			208/230v						460v						575v							
Unit Efficiency			Standard (S)			High (H)			Standard (S)			High (H)			Standard (S)			High (H)				
Compressors (2)	Rated load amps each (total)		16.7 (33.4)			17.3 (34.6)			8.6 (17.2)			9.0 (18.0)			6.0 (12.0)			7.1 (14.2)				
	Locked rotor amps each (total)		110 (220)			123 (246)			55 (110)			62 (124)			44 (88)			50 (100)				
Condenser Fan Motors (2)	Full load amps (total)		4.8			4.8			2.6			2.6			2.0			2.0				
	Locked rotor amps (total)		9.4			9.4			4.8			4.8			3.8			3.8				
Evaporator Blower Motor	Motor Output	hp	2	3	5	2	3	5	2	3	5	2	3	5	2	3	5	2	3	5		
		kW	1.5	2.2	3.7	1.5	2.2	3.7	1.5	2.2	3.7	1.5	2.2	3.7	1.5	2.2	3.7	1.5	2.2	3.7		
	Full load amps		7.5	10.6	16.7	7.5	10.6	16.7	3.4	4.8	7.6	3.4	4.8	7.6	2.7	3.9	6.1	2.7	3.9	6.1		
	Locked rotor amps		46.9	66	105	46.9	66	105	20.4	26.8	45.6	20.4	26.8	45.6	16.2	23.4	36.6	16.2	23.4	36.6		
Rec. max. fuse size (amps)	With Exhaust Fan		60	70	70	70	70	80	35	35	35	35	35	40	25	25	25	25	30	30		
	Less Exhaust Fan		60	70	70	60	70	70	30	35	35	35	35	35	20	25	25	25	25	30		
*Minimum Circuit Ampacity	With Exhaust Fan		52	55	61	54	57	63	27	28	31	27	29	32	19	20	23	22	23	25		
	Less Exhaust Fan		50	53	59	51	54	60	25	27	30	26	28	30	18	19	22	21	22	24		
Optional Power Exhaust Fan	(No.) Horsepower (W)		(1) 1/3 (249)																			
	Full load amps		2.4			2.4			1.3			1.3			1.0			1.0				
	Locked rotor amps		4.7			4.7			2.4			2.4			1.9			1.9				
Service Outlet (2) 115 volt GFCI (amp rating)			15			15			15			15			15			15				

*Refer to National or Canadian Electrical Code manual to determine wire, fuse and disconnect size requirements.

NOTE — Extremes of operating range are plus and minus 10 % of line voltage.

NOTE — Where current does not exceed 100 amps, HACR type circuit breaker may be used in place of fuse (U.S. only).

COOLING RATINGS

LCA/LGA

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

LCA/LGA102S — STANDARD EFFICIENCY — ONE COMPRESSOR OPERATING

Outdoor Air Temperature Entering Condenser Coil																										
Entering Wet Bulb Temperature	Total Air Volume		65°F (18°C)						75°F (24°C)						85°F (29°C)						95°F (35°C)					
			Total Cooling Capacity		Com- pressor Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cooling Capacity		Com- pressor Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cooling Capacity		Com- pressor Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cooling Capacity		Com- pressor Motor Watts Input	Sensible To Total Ratio (S/T)					
						Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb					
						75°F 24°C	80°F 27°C				85°F 29°C	75°F 24°C				80°F 27°C	85°F 29°C				75°F 24°C	80°F 27°C	85°F 29°C	75°F 24°C	80°F 27°C	85°F 29°C
	L/s	cfm	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C	kW	Btuh	75°F 24°C	80°F 27°C	85°F 29°C				
63°F (17.2°C)	1285	2720	17.9	61,000	3360	.85	.79	.93	16.6	56,800	3640	.88	.81	.95	15.4	52,900	3920	.66	.83	.98	14.2	48,300	4200	.87	.85	.99
	1805	3400	18.6	63,400	3420	.70	.87	1.00	17.3	59,000	3710	.71	.89	1.00	16.0	54,700	3990	.72	.91	1.00	14.7	50,300	4280	.74	.94	1.00
	1925	4080	19.1	65,200	3460	.75	.94	1.00	17.6	60,800	3760	.77	.96	1.00	16.6	56,500	4050	.78	.98	1.00	15.3	52,200	4350	.81	1.00	1.00
67°F (19.4°C)	1285	2720	19.0	64,900	3450	.52	.63	.75	17.7	60,500	3750	.52	.63	.77	16.4	58,100	4040	.51	.64	.78	15.1	51,600	4330	.51	.84	.90
	1605	3400	19.6	67,000	3500	.55	.67	.83	18.3	62,400	3800	.54	.66	.85	16.9	57,800	4100	.54	.69	.87	15.6	53,200	4400	.54	.71	.90
	1925	4080	20.0	68,400	3530	.57	.73	.90	18.7	63,800	3840	.57	.74	.93	17.3	59,100	4140	.57	.76	.95	15.9	54,400	4440	.58	.78	.97
71°F (21.7°C)	1285	2720	20.2	69,000	3550	.41	.51	.61	18.9	64,500	3860	.39	.50	.61	17.6	59,900	4170	.38	.50	.61	16.2	55,300	4480	.37	.49	.62
	1605	3400	20.8	71,100	3590	.41	.53	.65	19.6	66,400	3910	.40	.53	.66	18.1	61,700	4220	.39	.53	.67	16.7	56,900	4640	.38	.53	.68
	1925	4080	21.2	72,500	3620	.42	.56	.70	19.8	67,700	3950	.41	.55	.71	18.4	62,900	4260	.40	.56	.73	17.0	57,900	4580	.39	.57	.75

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

LCA/LGA102S — STANDARD EFFICIENCY — ALL COMPRESSORS OPERATING

EUA/LGA102S - STANDARD EFFICIENCY - ARI 555-100-01																																
Entering Wet Bulb Temperature		Outdoor Air Temperature Entering Condenser Coil																														
		85°F (29°C)								95°F (35°C)								105°F (41°C)								115°F (46°C)						
		Total Air Volume		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)										
							Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb										
							75°F/24°C	80°F/27°C				85°F/29°C	75°F/24°C				80°F/27°C	85°F/29°C				75°F/24°C	80°F/27°C	85°F/29°C	75°F/24°C	80°F/27°C	85°F/29°C					
L/s	cfm	kW	Btuh	kW	Btuh	kW	Btuh	kW	Btuh	kW	Btuh	kW	Btuh	kW	Btuh	kW	Btuh	kW	Btuh	kW	Btuh											
63°F (17.2°C)	1285	2720	30.0	102,500	7840	.67	.82	.98	25.1	95,900	8390	.68	.85	1.00	24.1	88,000	8930	.69	.87	1.00	24.9	81,900	9480	.70	.91	1.00						
	1605	3400	31.3	106,700	7990	.72	.91	1.00	29.2	99,800	8560	.74	.94	1.00	27.2	92,800	9130	.76	.97	1.00	25.1	85,700	9700	.78	1.00	1.00						
	1925	4080	32.3	110,100	8110	.78	.98	1.00	30.3	103,300	8700	.80	1.00	1.00	28.3	96,400	9300	.83	1.00	1.00	26.2	89,500	9920	.87	1.00	1.00						
67°F (19.4°C)	1285	2720	32.0	109,300	8080	.52	.64	.78	30.0	102,400	8660	.52	.65	.80	27.9	95,100	9240	.52	.66	.83	25.6	87,900	9810	.53	.68	.88						
	1605	3400	33.1	112,900	8210	.55	.69	.87	30.9	105,500	8800	.55	.71	.90	28.7	98,000	9380	.56	.73	.93	26.4	90,200	9960	.57	.76	.97						
	1925	4080	33.8	115,500	8300	.58	.75	.95	31.6	107,900	8890	.58	.78	.97	29.4	100,200	9490	.59	.80	1.00	27.1	92,300	10,080	.61	.84	1.00						
71°F (21.7°C)	1285	2720	34.3	116,900	8350	.39	.50	.62	32.1	109,600	8960	.38	.51	.63	29.9	101,900	9560	.38	.51	.64	27.6	94,100	10,170	.37	.51	.66						
	1605	3400	35.3	120,300	8480	.40	.54	.67	33.0	112,700	9090	.40	.54	.68	30.7	104,800	9710	.39	.55	.70	28.3	96,600	10,310	.39	.56	.73						
	1925	4080	36.0	122,700	8560	.41	.57	.72	33.7	114,900	9180	.41	.58	.75	31.3	106,700	9800	.41	.58	.78	28.8	98,400	10,410	.40	.60	.81						

NOTE - All values are gross capacities and do not include evaporator coil blower motor heat deduction.

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

LCA/LGA102H — HIGH EFFICIENCY — ONE COMPRESSOR OPERATING

Outdoor Air Temperature Entering Condenser Coil																										
Entering Wet Bulb Temperature	Total Air Volume		65°F (18°C)						75°F (24°C)						85°F (29°C)						95°F (35°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)					
						Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb					
						75°F/24°C	80°F/27°C				85°F/29°C	75°F/24°C				80°F/27°C	85°F/29°C				75°F/24°C	80°F/27°C	85°F/29°C	75°F/24°C	80°F/27°C	85°F/29°C
	L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh				
63°F (17.2°C)	1285	2720	17.1	58,500	2430	.67	.81	.95	16.2	55,200	2710	.67	.82	.95	16.2	51,800	3050	.67	.83	.98	14.1	48,200	3450	.67	.84	.99
	1605	3400	17.8	60,700	2430	.72	.89	1.00	16.8	57,200	2710	.72	.90	1.00	15.7	53,700	3050	.73	.92	1.00	14.7	50,200	3480	.74	.93	1.00
	1925	4080	18.3	62,400	2440	.77	.95	1.00	17.3	59,000	2720	.78	.97	1.00	16.2	55,400	3080	.79	.98	1.00	15.2	51,900	3460	.80	.99	1.00
67°F (19.4°C)	1285	2720	18.2	62,100	2430	.53	.65	.77	17.2	58,500	2720	.53	.65	.78	16.1	55,000	3060	.52	.65	.79	15.1	51,400	3460	.51	.66	.80
	1605	3400	18.6	64,000	2440	.56	.69	.86	17.7	60,400	2720	.55	.68	.86	16.6	56,700	3080	.56	.70	.88	15.6	53,000	3470	.55	.71	.90
	1925	4080	19.2	65,400	2440	.58	.75	.92	18.1	61,700	2730	.58	.76	.94	17.0	58,000	3070	.58	.77	.95	15.9	54,200	3470	.58	.78	.97
71°F (21.7°C)	1285	2720	19.4	66,100	2440	.41	.52	.62	18.3	62,500	2730	.40	.51	.62	17.2	58,700	3070	.39	.50	.62	16.1	55,000	3480	.37	.50	.62
	1605	3400	19.9	68,000	2450	.42	.54	.67	18.8	64,300	2730	.41	.54	.67	17.7	60,500	3070	.40	.54	.68	16.6	56,500	3480	.38	.53	.68
	1925	4080	20.3	69,300	2450	.43	.57	.72	19.2	65,500	2730	.42	.57	.73	18.1	61,800	3070	.41	.57	.74	16.9	57,600	3480	.40	.57	.75

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

LCA/LGA102H — HIGH EFFICIENCY — ALL COMPRESSORS OPERATING

Outdoor Air Temperature Entering Condenser Coil																										
Entering Wet Bulb Temperature	Total Air Volume		85°F (29°C)						95°F (35°C)						105°F (41°C)						115°F (46°C)					
			Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)		Total Cooling Capacity		Compressor Motor Watts Input	Sensible To Total Ratio (S/T)					
						Dry Bulb					Dry Bulb					Dry Bulb					Dry Bulb					
						75°F/80°F/85°F 24°C/27°C/29°C					75°F/80°F/85°F 24°C/27°C/29°C					75°F/80°F/85°F 24°C/27°C/29°C					75°F/80°F/85°F 24°C/27°C/29°C		75°F/80°F/85°F 24°C/27°C/29°C		75°F/80°F/85°F 24°C/27°C/29°C	
	L/s	cfm	kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh		kW	Btuh										
63°F (17.2°C)	1285	2720	29.6	101,000	8160	.67	.83	.98	28.0	95,700	6970	.68	.84	.99	26.5	90,400	7910	.68	.88	1.00	24.9	85,000	8970	.69	.88	1.00
	1605	3400	30.7	104,700	8170	.72	.91	1.00	29.2	99,500	6990	.74	.93	1.00	27.6	94,100	7920	.75	.95	1.00	26.0	88,700	8980	.76	.97	1.00
	1925	4080	31.7	108,000	6190	.79	.98	1.00	30.1	102,700	7000	.80	.99	1.00	28.5	97,400	7950	.82	1.00	1.00	27.0	92,200	9010	.84	1.00	1.00
67°F (19.4°C)	1285	2720	31.4	107,300	8190	.52	.85	.79	29.9	101,900	7000	.52	.65	1.00	28.2	96,300	7940	.52	.66	.82	26.6	90,700	9000	.52	.67	.84
	1605	3400	32.4	110,700	8210	.56	.70	.87	30.6	105,000	7010	.55	.71	.89	28.1	99,300	7950	.56	.72	.91	27.4	93,400	9030	.56	.74	.94
	1925	4080	33.1	113,100	8210	.58	.76	.95	31.4	107,300	7020	.59	.78	.97	29.7	101,500	7870	.59	.79	.99	28.0	95,800	9050	.60	.81	1.00
71°F (21.7°C)	1285	2720	33.6	114,600	8210	.39	.51	.82	31.9	108,800	7030	.39	.61	.63	30.2	103,100	7990	.38	.51	.64	28.5	97,200	9060	.37	.51	.64
	1605	3400	34.5	117,800	8220	.40	.54	.98	32.8	112,000	7040	.40	.54	.69	31.0	105,900	8000	.38	.55	.70	29.3	99,800	9080	.39	.55	.71
	1925	4080	35.2	120,100	8230	.41	.67	.73	33.4	114,000	7050	.41	.68	.75	31.7	108,900	8010	.41	.68	.77	29.8	101,700	9110	.40	.59	.78

COOLING RATINGS

NOTE — For Temperatures and Capacities not shown in tables, see bulletin — Cooling Unit Rating Table Correction Factor Data in Miscellaneous Engineering Data section.

LCA/LGA120S — STANDARD EFFICIENCY — ONE COMPRESSOR OPERATING

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil												95°F (35°C)					
			65°F (18°C)						75°F (24°C)						85°F (29°C)					
			Total Cooling Capacity		Compressor Motor Watts Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input		Sensible To Total Ratio (S/T) Dry Bulb	
	L/s	cfm	kW	Btuh			75°F 80°F 85°F 24°C 27°C 29°C		kW	Btuh			75°F 80°F 85°F 24°C 27°C 29°C		kW	Btuh			75°F 80°F 85°F 24°C 27°C 29°C	
63°F (17.2°C)	1510	3200	20.9	71,300	4120	.65	.79	.92	19.7	67,200	4390	.65	.80	.94	19.4	62,700	4720	.65	.81	.96
	1890	4000	21.7	74,000	4160	.69	.86	.99	20.4	69,700	4440	.70	.87	1.00	19.4	65,000	4790	.71	.89	1.00
	2265	4800	22.3	76,100	4190	.74	.92	1.00	21.0	71,700	4480	.75	.94	1.00	19.6	67,000	4840	.77	.96	1.00
67°F (19.4°C)	1510	3200	22.2	75,800	4180	.52	.62	.75	20.9	71,400	4480	.51	.63	.76	19.5	66,700	4830	.51	.63	.77
	1890	4000	22.9	78,200	4220	.54	.66	.82	21.6	73,600	4520	.54	.67	.83	20.1	69,700	4890	.54	.68	.85
	2265	4800	23.4	79,900	4240	.56	.71	.89	22.0	75,200	4560	.56	.73	.90	20.6	70,200	4930	.56	.74	.93
71°F (21.7°C)	1510	3200	23.7	80,700	4240	.40	.50	.60	22.3	76,000	4570	.39	.50	.60	20.9	71,100	4960	.38	.49	.61
	1890	4000	24.3	83,000	4270	.41	.52	.64	22.9	78,300	4610	.40	.52	.65	21.5	73,200	5010	.39	.52	.66
	2265	4800	24.8	84,700	4290	.42	.55	.68	23.4	79,800	4640	.41	.55	.70	21.9	74,600	5050	.40	.55	.72

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

LCA/LGA120S — STANDARD EFFICIENCY — ALL COMPRESSORS OPERATING

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil												115°F (46°C)					
			85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Compressor Motor Watts Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input		Sensible To Total Ratio (S/T) Dry Bulb	
	L/s	cfm	kW	Btuh			75°F 80°F 85°F 24°C 27°C 29°C		kW	Btuh			75°F 80°F 85°F 24°C 27°C 29°C		kW	Btuh			75°F 80°F 85°F 24°C 27°C 29°C	
63°F (17.2°C)	1510	3200	35.9	122,400	9450	.66	.81	.96	33.7	114,300	10,190	.67	.83	.98	31.4	107,000	10,980	.68	.85	1.00
	1890	4000	37.2	127,100	9590	.70	.88	1.00	35.0	119,300	10,370	.72	.91	1.00	32.6	111,200	11,180	.74	.94	1.00
	2265	4800	38.4	130,900	9700	.76	.96	1.00	36.0	123,000	10,510	.78	.98	1.00	33.7	115,000	11,360	.81	1.00	1.00
67°F (19.4°C)	1510	3200	38.2	130,300	9680	.52	.63	.77	35.8	122,300	10,470	.52	.64	.79	33.4	113,800	11,310	.52	.66	.81
	1890	4000	39.4	134,500	9810	.54	.68	.85	36.9	126,000	10,620	.56	.69	.88	34.3	117,200	11,470	.56	.71	.91
	2265	4800	40.2	137,300	9890	.57	.73	.92	37.7	128,600	10,730	.58	.76	.96	35.1	119,800	11,600	.58	.78	.98
71°F (21.7°C)	1510	3200	40.7	138,900	9940	.39	.50	.61	38.2	130,800	10,790	.38	.50	.62	35.7	121,800	11,880	.38	.50	.63
	1890	4000	41.9	142,900	10,060	.40	.53	.66	39.3	134,200	10,930	.39	.53	.67	36.7	125,100	11,840	.39	.54	.68
	2265	4800	42.7	145,700	10,150	.41	.56	.71	40.0	136,600	11,030	.41	.57	.73	37.3	127,400	11,950	.40	.58	.76

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

LCA/LGA120H — HIGH EFFICIENCY — ONE COMPRESSOR OPERATING

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil												95°F (35°C)					
			65°F (18°C)						75°F (24°C)						85°F (29°C)					
			Total Cooling Capacity		Compressor Motor Watts Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input		Sensible To Total Ratio (S/T) Dry Bulb	
	L/s	cfm	kW	Btuh			75°F 80°F 85°F 24°C 27°C 29°C		kW	Btuh			75°F 80°F 85°F 24°C 27°C 29°C		kW	Btuh			75°F 80°F 85°F 24°C 27°C 29°C	
63°F (17.2°C)	1510	3200	20.7	70,800	3050	.66	.80	.96	19.7	67,100	3420	.66	.81	.96	19.6	63,300	3860	.66	.82	.98
	1890	4000	21.5	73,400	3070	.71	.89	1.00	20.4	69,600	3450	.72	.90	1.00	19.3	65,700	3880	.72	.92	1.00
	2265	4800	22.2	75,600	3100	.77	.96	1.00	21.0	71,800	3470	.78	.97	1.00	19.8	67,900	3910	.79	.99	1.00
67°F (19.4°C)	1510	3200	22.0	75,000	3090	.53	.64	.76	20.8	71,100	3460	.52	.64	.77	19.7	67,200	3900	.52	.64	.78
	1890	4000	22.7	77,300	3110	.56	.68	.85	21.5	73,400	3480	.55	.69	.86	20.3	69,300	3920	.55	.70	.86
	2265	4800	23.2	79,100	3120	.58	.74	.93	22.0	75,000	3500	.58	.75	.94	20.7	70,800	3930	.58	.77	.96
71°F (21.7°C)	1510	3200	23.4	78,700	3120	.40	.51	.61	22.2	75,700	3510	.39	.50	.61	21.0	71,600	3940	.38	.50	.62
	1890	4000	24.0	82,000	3160	.41	.54	.66	22.8	77,900	3530	.40	.54	.67	21.6	73,700	3970	.39	.53	.67
	2265	4800	24.5	83,500	3170	.42	.57	.72	23.2	79,300	3540	.42	.57	.73	22.0	75,000	3980	.41	.57	.74

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

LCA/LGA120H — HIGH EFFICIENCY — ALL COMPRESSORS OPERATING

Entering Wet Bulb Temperature	Total Air Volume		Outdoor Air Temperature Entering Condenser Coil												115°F (46°C)					
			85°F (29°C)						95°F (35°C)						105°F (41°C)					
			Total Cooling Capacity		Compressor Motor Watts Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input		Sensible To Total Ratio (S/T) Dry Bulb		Total Cooling Capacity		Compressor Motor Watts Input		Sensible To Total Ratio (S/T) Dry Bulb	
	L/s	cfm	kW	Btuh			75°F 80°F 85°F 24°C 27°C 29°C		kW	Btuh			75°F 80°F 85°F 24°C 27°C 29°C		kW	Btuh			75°F 80°F 85°F 24°C 27°C 29°C	
63°F (17.2°C)	1510	3200	36.0	123,000	7760	.67	.83	.99	34.3	116,900	8780	.68	.85	1.00	32.4	110,700	9950	.69	.87	1.00
	1890	4000	37.4	127,700	7810	.73	.92	1.00	36.0	121,500	8840	.74	.94	1.00	33.7	115,100	9990	.76	.97	1.00
	2265	4800	38.7	131,900	7870	.79	.99	1.00	36.8	125,700	8890	.81	1.00	1.00	35.0	119,400	10,060	.83	1.00	1.00
67°F (19.4°C)	1510	3200	38.3	130,600	7850	.53	.65	.79	36.4	124,200	8970	.53	.66	.80	34.4	117,500	10,090	.53	.66	.82
	1890	4000	40.8	139,100	7950	.59	.77	.97	38.4	131,100	8950	.58	.71	.90	35.5	121,100	10,090	.56	.73	.93
	2265	4800	40.4	137,700	7930	.59	.77	.97	38.4	131,100	8950	.58	.71	.90	35.5	121,100	10,090	.56	.73	.93
71°F (21.7°C)	1510	3200	40.8	139,100	7950	.39	.51	.63	38.8	132,500	8970	.39	.51	.63	36.8	125,500	10,140	.38	.51	.64
	1890	4000	41.9	143,100	8000	.40	.54	.68	39.9	138,200	9030	.40	.55	.69	37.8	129,000	10,200	.40	.55	.70
	2265	4800	42.7	145,800	8030	.42	.58	.74	40.8	139,700	9050	.41	.58	.78	38.6	131,200	10,240	.41	.59	.78

NOTE — All values are gross capacities and do not include evaporator coil blower motor heat deduction.

GUIDE SPECIFICATIONS

I.G.A. MODELS

Prepared for the guidance of architects, consulting engineers and mechanical contractors

General — Furnish and install a single package air to air DX mechanical cooling system and gas fired heating system, complete with automatic controls. The single package unit shall be a standard product of a firm regularly engaged in the manufacture of heating-cooling equipment. The manufacturer shall have parts and service available throughout the U.S. and Canada.

The installed weight shall not be more than _____ lbs. (kg). Entire unit shall have a width of not more than _____ inches (mm), a depth of not more than _____ inches (mm) and an overall height of not more than _____ inches (mm). The equipment shall be shipped completely factory assembled, precharged, piped and wired internally ready for field connections. In addition, manufacturer shall test operate system in the factory before shipment.

Air Distribution — Equipment shall be capable of bottom (down flow) or side (return) handling of conditioned air. Horizontal air shall require optional horizontal roof mounting frame. All air distribution ducts shall be _____ galv. galvanized steel insulated with _____ lb.-ft. J (kg/m³) density fiber glass or equivalent.

Approvals — All electrical components shall have E.T.L. and C.G.A. Listing. All wiring shall be in compliance with NEC and CEC.

Equipment Warranty — Heat exchangers shall have a limited warranty for a full ten years. Compressors have a limited warranty for a full five years. All other components have a limited warranty for one year. Refer to the Equipment Limited Warranty certificate included with the unit for details.

Cooling System — The total, certified cooling capacity shall not be less than _____ Btu/h (kW) with an evaporator air volume of _____ cfm (m³/min) at an entering wet bulb air temperature of _____ F (°C) and an entering dry bulb air temperature of _____ F (°C) and a condenser entering temperature of _____ F (°C). The compressor power input shall not exceed _____ kW at these conditions.

The coils shall be non-fouling construction with aluminum fins mechanically bonded to double copper tubes. Coils shall be pressure leak tested. The face area shall be not less than _____ sq. ft. (m²) evaporator and _____ sq. ft. (m²) condenser. Condenser coils shall be _____ construction.

Multiple compressors shall be resiliently mounted, have overload protection and crankcase heaters. The refrigeration system shall have discharge suction and liquid line gauge ports, high pressure switches, low pressure switches, driers, freestat and full refrigerant charge. Optional service valves shall be available. All models shall have low ambient operation down to 15 F (-9.4 °C). All models shall be rated in accordance with ARI Standard 210/240-94 or 340/360-93.

Heating System — The heating capacity output shall be _____ Btu/h (kW) with a gas input of _____ Btu/h (kW).

Tubular heat exchanger and draft type gas burners shall be constructed of aluminum shell. Controls shall consist of direct spark ignition, electronic flame sensor controls, flame rollout switch, limit controls and automatic redundant dual gas valve with staging control and combustion air proving switch or induced draft blower. Unit shall be available for use with LPG propane as an option. Heat exchanger shall be removable for servicing. Complete service access shall be provided for evaporation and wiring. Shall be E.T.L., C.G.A. design certified for outdoor installation.

Cabinet — Shall be galvanized steel with a powdered enamel paint finish electrostatically bonded to the metal. Cabinet panels where conditioned air is handled shall be fully insulated to prevent sweating and minimize sound. Openings shall be provided for power connection entry, evaporator coil condensate drain extended outside cabinet shall be provided. Lifting holes shall be provided for rigging. Bottom power electrical gas entry shall be furnished.

Service Access — Cabinet panels shall be hinged with tool-less access for compressors, heating controls, blower and air filter economizer compartments.

Supply Air Blower — Centrifugal supply air blower shall have ball bearings and adjustable belt drive. Blower assembly shall slide out of unit for servicing. Motor mount base shall permit ease of motor changeover and belt tension adjustment. Blower wheel shall be statically and dynamically balanced. Blower shall be capable of delivering _____ cfm (m³/min) at an external static pressure of _____ inches water gauge (discharge) _____ bhp (kW) and _____ rpm.

Condenser Fans — Direct drive propeller type condenser fans shall discharge vertically and be driven by a _____ hp (kW) motor. Fan motor shall have ball bearings and be permanently lubricated and inherently protected. Fans shall have a safety guard.

Air Filters — Disposable 2 inch (51 mm) thick pleated filters furnished shall have not less than _____ sq. ft. (m²) of free area.

OPTIONAL ACCESSORIES

Roof Mounting Frame — Furnish and install a steel roof mounting frame for bottom discharge and return air duct connection. It shall mate to the bottom perimeter of the equipment. When flashed into the roof it shall make a unit mounting up and provide weatherproof duct entrance and entry into the conditioned area. Height of frame shall be _____ inches (mm). Flashing shall be the responsibility of the roofing contractor. Frame shall be approved by U.S. National Roofing Contractors Association.

Economizer Section — Furnish and install economizer complete with regulated air dampers, outside air dampers and controls. Low leakage dampers shall ride in nylon bearings. The economizer section shall provide for the introduction of outdoor air for minimum ventilation and free cooling. Integrated economizer control shall allow compressors to cycle for dehumidification and additional cooling, as needed, with up to 100% outdoor air intake. Damper actuator shall be opposing gear driven 24 volt, fully modulating design. Plug-in control board (an unit IMC board) shall consist of adjustable minimum positioner, enthalpy set point and DIP switches for setting type of control logic used. Enthalpy control options shall consist of sensible temperature, global, outdoor enthalpy and differential enthalpy (outdoor and return air). Optional outdoor air hood (required) with filters shall be galvanized steel with a powdered enamel paint finish electrostatically bonded to the metal. Economizer shall be available for factory or field installation.

Gravity Exhaust Dampers — Pressure operated dampers shall be available for factory or field installation. Extruded aluminum dampers shall prevent blow-back and outdoor air infiltration during off cycle.

Power Exhaust Fan — Shall be available for all models with economizer (down-flow applications only). Direct drive propeller type fan shall exhaust air through optional gravity exhaust damper (required). Motor shall be overload protected. Fan shall be factory or field installed in-between economizer and gravity exhaust dampers.

Horizontal Conversion Kit — Shall be available for all models to provide duct covers for bottom supply and return air openings to convert unit to horizontal air flow.

Horizontal Gravity Exhaust Dampers — Pressure operated dampers shall be available for field installation in the return air duct. Extruded aluminum dampers shall prevent blow-back and outdoor air infiltration during off cycle.

Outdoor Air Damper Section — Optional outdoor dampers shall be available to provide outdoor air requirements of up to 25%. Models shall be available for manual or automatic operation. Dampers shall be opposing gear driven design. Damper section shall install internal to the unit. Optional outdoor air hood (required) with filters shall be galvanized steel with a powdered enamel paint finish electrostatically bonded to the metal. Dampers shall be available for factory or field installation.

Ceiling Diffusers — Furnish and install a flush or stepdown optional combination ceiling supply and return air diffuser. It shall be capable of not less than _____ ft. (m) radius of effective throw. Supply and return transitions shall be available for field installation in the roof mounting frame, to provide duct connection to the diffuser.

Control Systems — Shall provide a selection of control systems to automatically operate the mechanical equipment through the heating or cooling and ventilating cycles as required.

Dirty Filter Switch — Furnish and install pressure switch that indicates dirty filter, relays information to Integrated Modular Control.

Blower Proving Switch — Furnish and factory install air pressure switch to monitor blower operation.

Disconnect — Furnish and factory install unit disconnect switch.

Service Outlets — Furnish and factory install dual 115 volt GFCI type service outlets. Wiring shall be field provided.

High Efficiency Blower Motor — Furnish and factory install high efficiency blower motor. Motor shall meet 1997 EPA C minimum efficiency requirements.

Indoor Air Quality Sensor — Furnish and field install sensor to monitor CO₂ levels, relays information to Integrated Modular Control which adjusts economizer dampers proportionately to the pollutant level.

Service Valves — Furnish and factory install fully serviceable brass service valves in discharge and liquid lines. Shall allow refrigerant pump down to high side of system for servicing of low side.

Smoke Detectors — Furnish and factory install photoelectric type smoke detector in return air section and supply air section.

Corrosion Protection — Furnish and factory apply phenolic epoxy coating to either or both of the following.

Condenser coils with painted condenser base section. Evaporator coil with painted evaporator base section and painted blower housings.

L Series 090-102-120-150 Page 36

DIMENSIONS — inches (mm)

LGA

**LGA102, 120 & 150 UNITS SHOWN WITH
OPTIONAL ECONOMIZER DAMPERS, POWER EXHAUST FANS, CONVENIENCE OUTLET, UNIT DISCONNECT
CORNER WEIGHTS — lbs. (kg)**

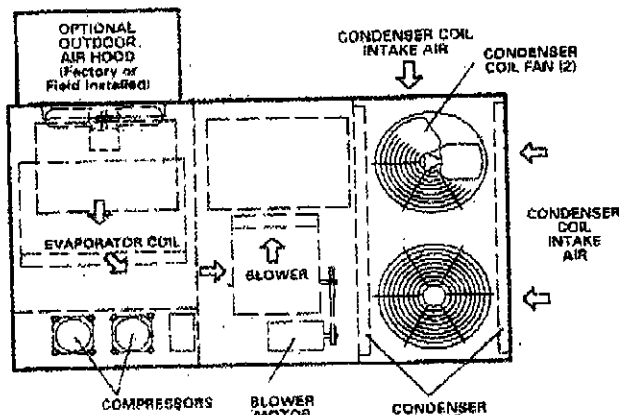
Model Number	AA		BB		CC		DD	
	lbs.	kg	lbs.	kg	lbs.	kg	lbs.	kg
LGA102 Base Unit	285	127	280	118	300	136	330	150
LGA102 Max. Unit	350	159	320	145	350	159	400	181
LGA120 Base Unit	290	132	280	118	300	136	330	150
LGA120 Max. Unit	360	163	330	150	360	163	410	186
LGA150 Base Unit	300	136	270	122	300	136	350	159
LGA150 Max. Unit	370	168	320	145	350	159	420	191

Base Unit — The standard unit with NO OPTIONS.
Max. Unit — The standard unit with ALL OPTIONS installed. (Economizer, Power Exhaust Fans, High Input Heating and Controls)

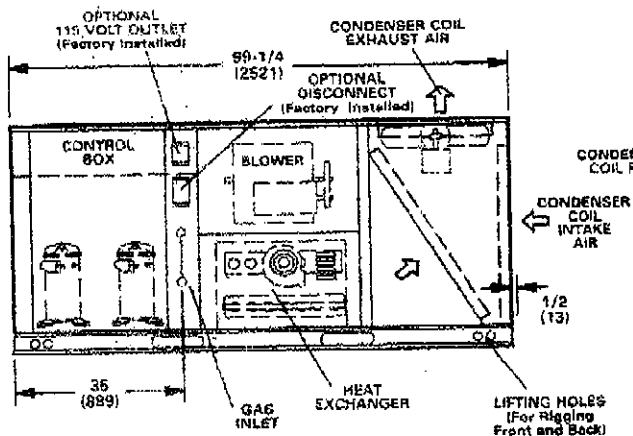
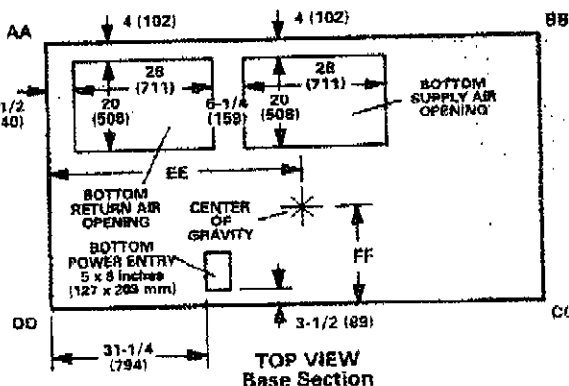
CORNER WEIGHTS — inches (mm)

Model Number	EE		FF	
	inch	mm	inch	mm
LGA102 Base Unit	47	1194	21-1/2	546
LGA102 Max. Unit	46	1168	23-1/2	597
LGA120 Base Unit	47	1194	21-1/2	546
LGA120 Max. Unit	46	1168	23-1/2	597
LGA150 Base Unit	46	1168	21	533
LGA150 Max. Unit	45	1143	23	584

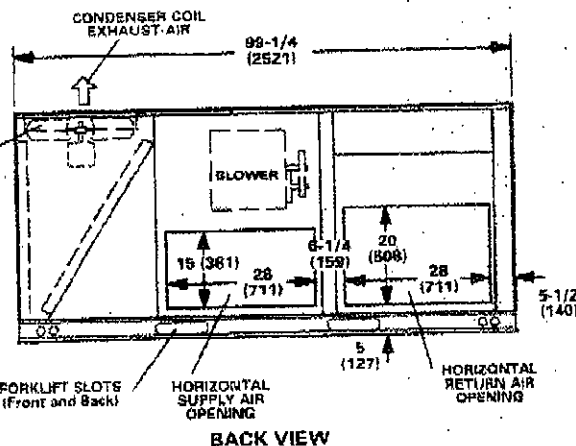
Base Unit — The standard unit with NO OPTIONS.
Max. Unit — The standard unit with ALL OPTIONS installed. (Economizer, Power Exhaust Fans, High Input Heating and Controls)



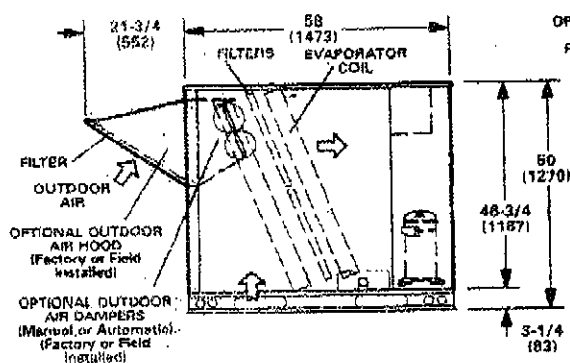
TOP VIEW



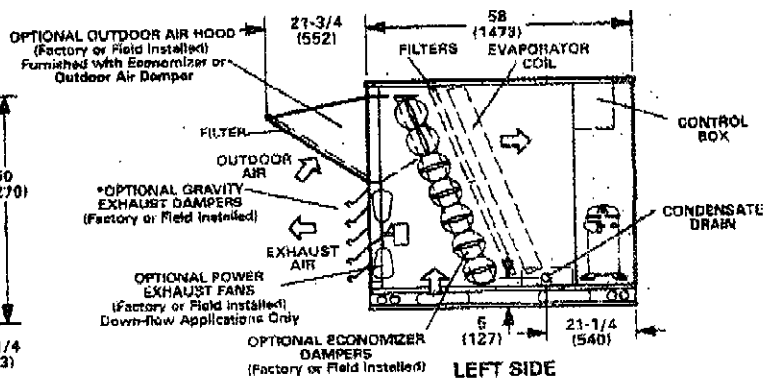
FRONT VIEW



BACK VIEW



**LEFT SIDE
(Outdoor Air Dampers)**



*NOTE — Field Installed in Return Air Duct for Horizontal Applications.

DIMENSIONS — inches (mm)

LHA090 & 120 UNITS SHOWN WITH OPTIONAL ECONOMIZER DAMPERS, POWER EXHAUST FANS, CONVENIENCE OUTLETS, UNIT DISCONNECT CORNER WEIGHTS — lbs. (kg)

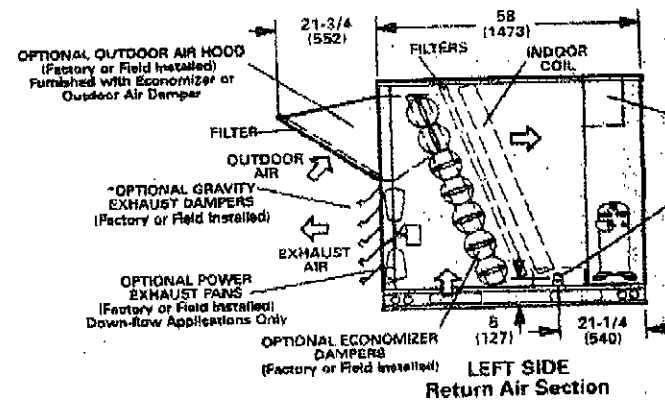
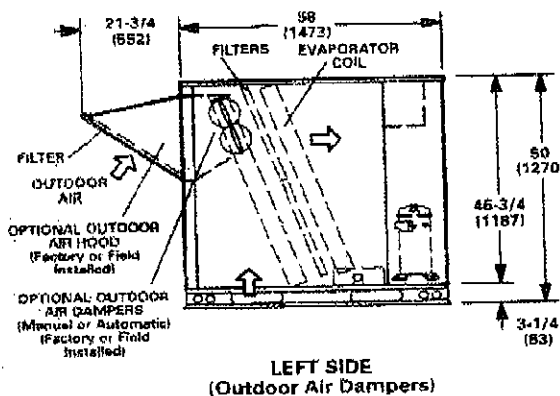
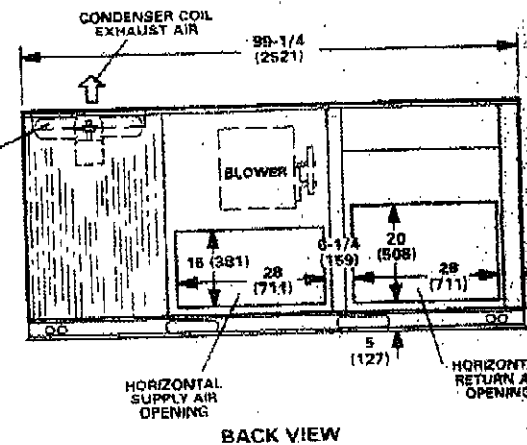
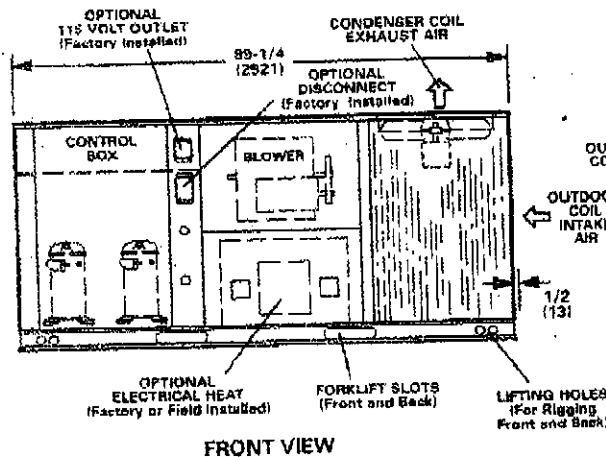
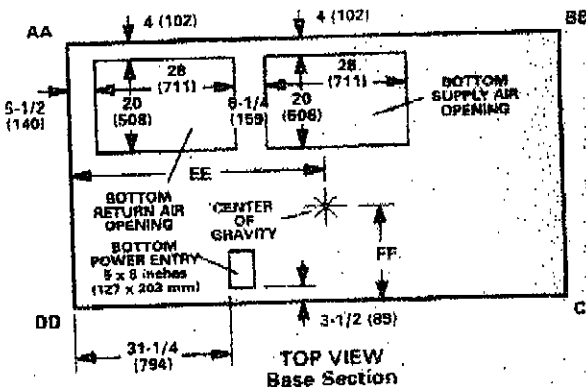
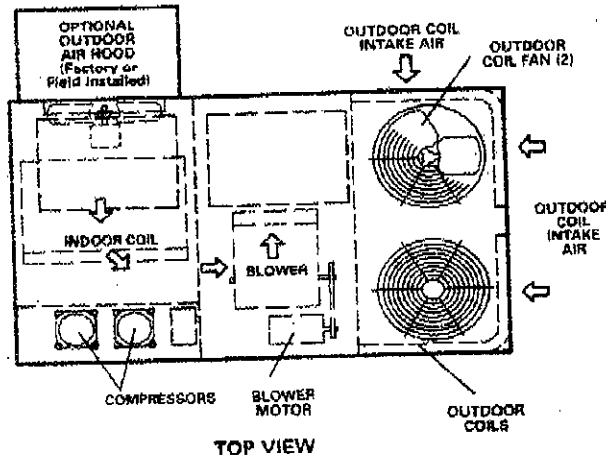
Model Number	AA		BB		CC		DD	
	lbs.	kg	lbs.	kg	lbs.	kg	lbs.	kg
LHA090 Base Unit	290	132	280	118	300	136	330	150
LHA090 Max. Unit	350	159	310	141	340	154	390	177
LHA120 Base Unit	300	136	270	122	310	141	350	159
LHA120 Max. Unit	360	163	320	145	350	159	410	186

Base Unit — The standard unit with NO OPTIONS.
Max. Unit — The standard unit with ALL OPTIONS installed. (Economizer, Power Exhaust Fans, High Input Heating and Controls)

CENTER OF GRAVITY — inches (mm)

Model Number	EE		FF
	inch	mm	
LHA090 Base Unit	47	1194	21-1/2
LHA090 Max. Unit	48	1168	24-1/2
LHA120 Base Unit	46	1168	21-1/2
LHA120 Max. Unit	45	1143	24-1/2

Base Unit — The standard unit with NO OPTIONS.
Max. Unit — The standard unit with ALL OPTIONS installed. (Economizer, Power Exhaust Fans, High Input Heating and Controls)



*NOTE — Field Installed in Return Air Duct for Horizontal Applications.

BOCA®

NATIONAL BUILDING CODE
PLAN REVIEW RECORD

Valuation: _____

Plan Review # _____

Fee: _____

Date: 10-14-98

JURISDICTION: *Ally*

(City, County, Township, etc.)

BUILDING LOCATION: *S 95 Brick Blvd*

(Street address)

BUILDING DESCRIPTION: *WHA*REVIEWED BY: *[Signature]*

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

CORRECTION LIST

No.	DESCRIPTION	Code Section
①	2 bathrooms required with 2 w.c. & 1 lav. each.	
②	More venting required for cluster of 3 floor drains.	
③	Gas drawing shows no distances.	
④	Better details required for landing.	
	<i>Jff</i>	
	10/21/98 - Resubmit	
	10/23/98 - Bernie waiting on new drawings -	
	10/28/98 - Revised Plans. <i>caj</i>	



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BUILDING OFFICIALS AND CODE ADMINISTRATORS INTERNATIONAL, INC.
4051 W. FLOSSMOOR ROAD - COUNTRY CLUB HILLS, ILLINOIS 60478-5795

October 7, 1998

LynchMartinez

Building Inspection Department
Township of Brick
401 Chambers Bridge Road
Brick, NJ 08723

7 East Skippack Pike, Suite 250
Broad Axe, PA 19002-5308
215.641.4830
215.641.6769 (fax)

Re: New Wawa Food Market
595 Brick Boulevard

Oscar R. Martinez, AIA
Raymond C. Lynch, AIA
VIA OVERNIGHT MAIL
James P. Dodrill, Jr., RA
Robert C. Rossell, Jr., RA

Dear Sirs:

We received via fax from Carl R. Pursell, Inc.'s office a copy of your Plan Review Records for the above referenced project dated 10/2/98 and 10/5/98. In response to these comments I noted the following:

Plan Review record 10/5/98:

1. Sprinklers Waste Area: Sheet P1 of the Plans shows a 1-Hour Limited Area Sprinkler System for this area. In addition, the space is of 1-Hour Construction.

Plan Review record 10/2/98:

1. Footing Depth: Minimum footing depth is 3'-0" below finish grade. It applies to all footings. Drawing S-1 will be modified to indicate so as per BOCA 1806.1.
2. Anchor Bolts: Anchors bolts are ¾" x 15" x 3". Drawing S-3 shall be revised to indicate this. Size to be also shown in steel shop drawings.
3. Steel Shop Drawings: These are supplied by successful bidder's steel erector and fabricator after project contract has been awarded. Copy of these will be submitted to your office at that time and before any structural steel erection, as per BOCA 2203.4
4. Aisle Width: Aisle width has been modified in EQ sheet to indicate 44" wide aisles in lieu of 42" shown, to comply with BOCA 1011.3.
5. Rear Exitway: The access to the rear exit is through open area at Deli and Prep Area. My interpretation is that this is not considered a corridor as referenced in BOCA 1011.4.
6. Trash Room: Trash is 1-Hour Rated and has a Limited Area Sprinkler System.
7. Roof Equipment: The screens and guard rails shown on Sheet A-4 and detailed on sheet A-7, comply with BOCA M407.2.

If you require any additional information, please feel free to call Paul Jamsky of Carl Pursell, Inc., at (609) 232-1653 or me at (215) 641-4830 x-111.

Sincerely,

LYNCH MARTINEZ ARCHITECTS


Oscar R. Martinez, AIA

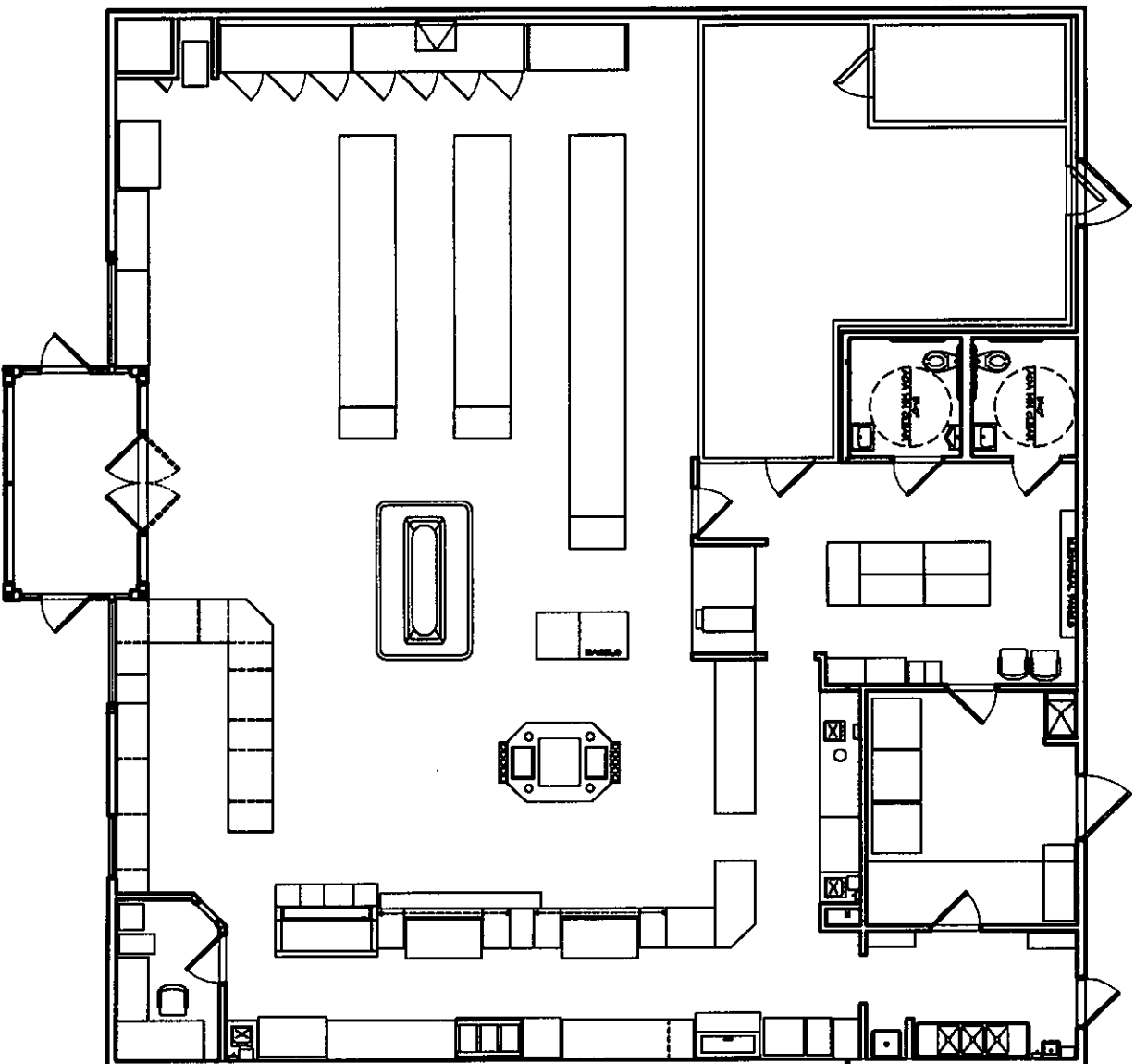
Encls.

Cc: Dave Harris, Wawa, Inc.
Carl Pursell, Carl R. Pursell, Inc.

RECEIVED

OCT 21 1998

DIV. OF INSPECTION



FLOOR PLAN (REVISED)

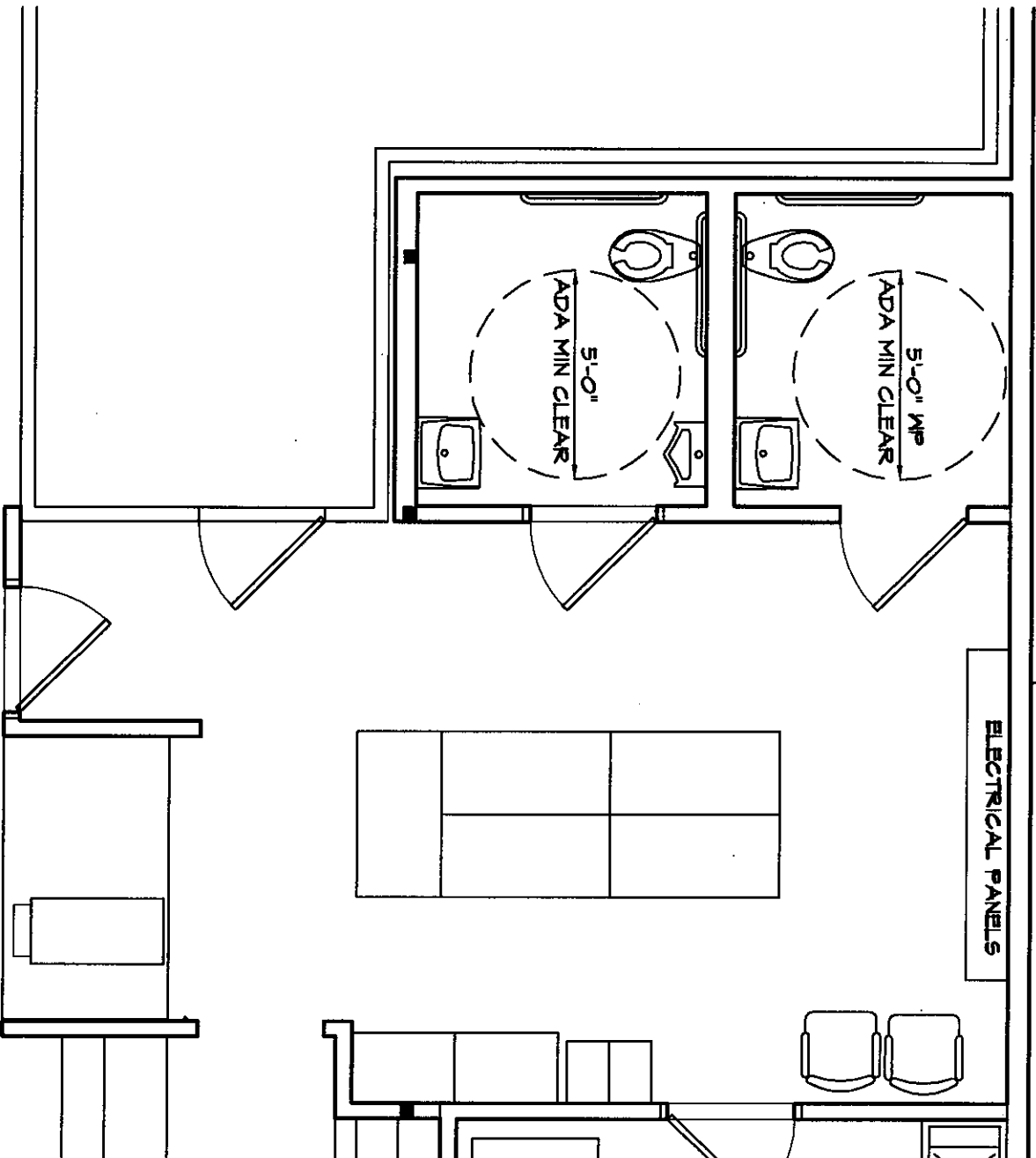
LYNCH/MARTINEZ ARCHITECTS
7 E. SKIPPACK PIKE, SUITE 250
BROAD AXE PA 19002

WAWA FOOD MARKET
545 BRICK BLVD
BRICK TWP., BRICK NJ

STORE NO.
923

JOB NO.:	4600 BRL
SCALE:	NOT TO SCALE
DRAWN BY:	OM
DATE:	16 OCT 98

P-SK4
1 OF 4



MEN AND WOMEN TOILET ROOM PLANS

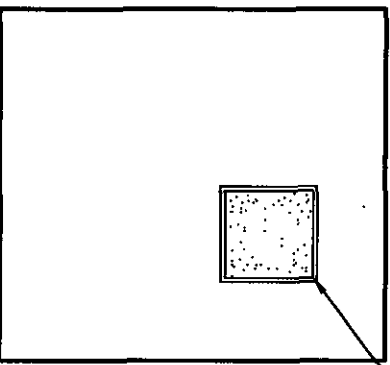
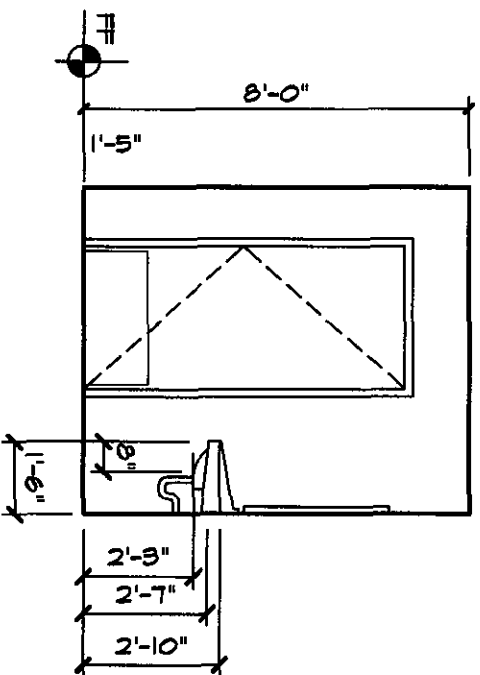
LYNCH/MARTINEZ ARCHITECTS
7 E. SKIPPACK PIKE, SUITE 250
BROAD AXE PA 19002

WAWA FOOD MARKET
545 BRICK BLVD
BRICK TWP., BRICK, NJ

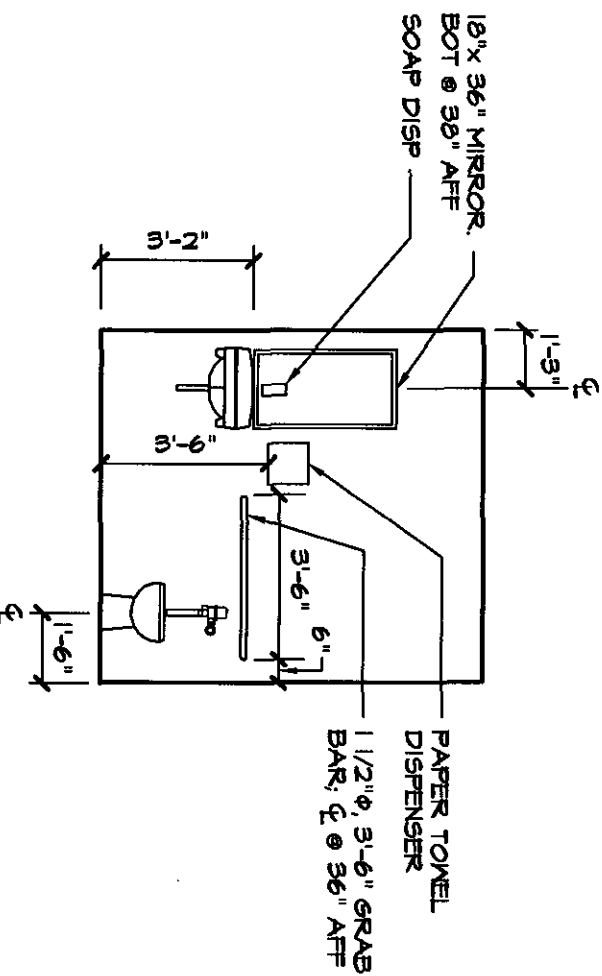
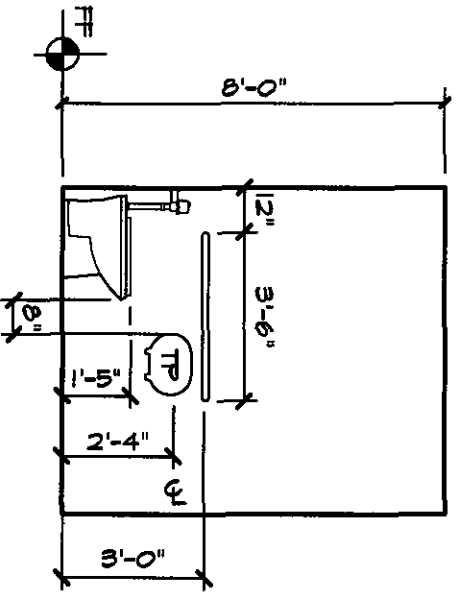
STORE NO.
923

JOB NO.:	4600 BRL
SCALE:	1/4"=1'-0"
DRAWN BY:	OM
DATE:	16 OCT 98

P-SK3
3 OF 4



2'-0" x 2'-0" BULLETIN BOARD SUPPLIED BY WAWA INSTALLED BY G.C.



18" x 36" MIRROR, BOT @ 36" AFF SOAP DISP

PAPER TOWEL DISPENSER

1 1/2" Ø, 3'-6" GRAB BAR, 4 @ 36" AFF

WOMENS TOILET ROOM ELEVATIONS

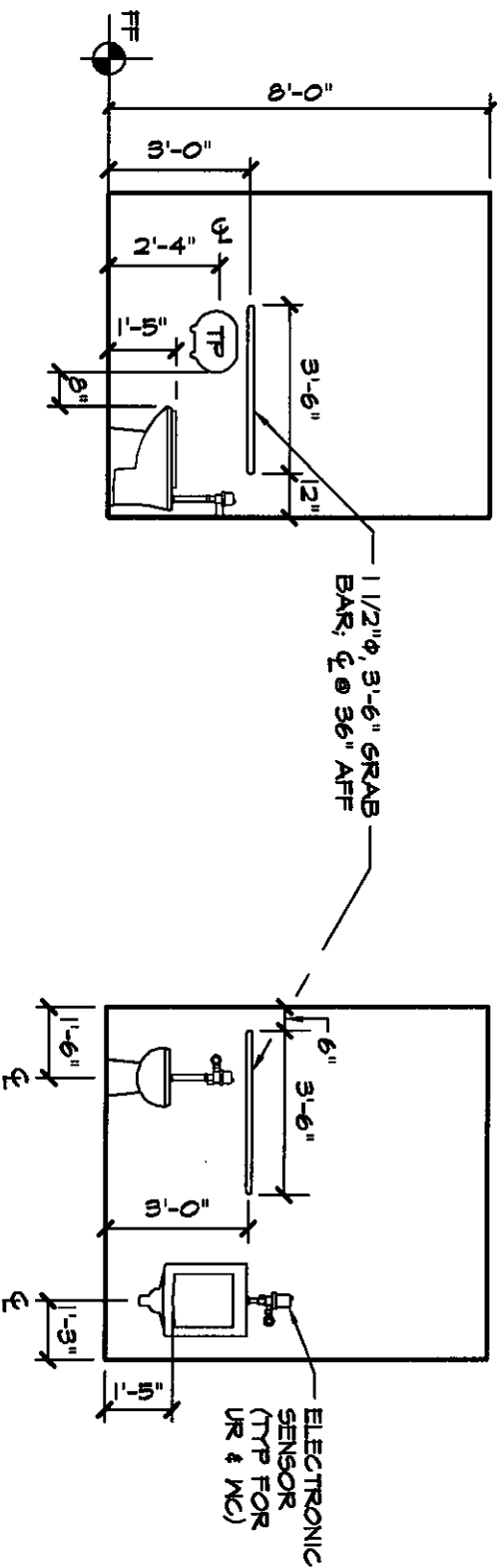
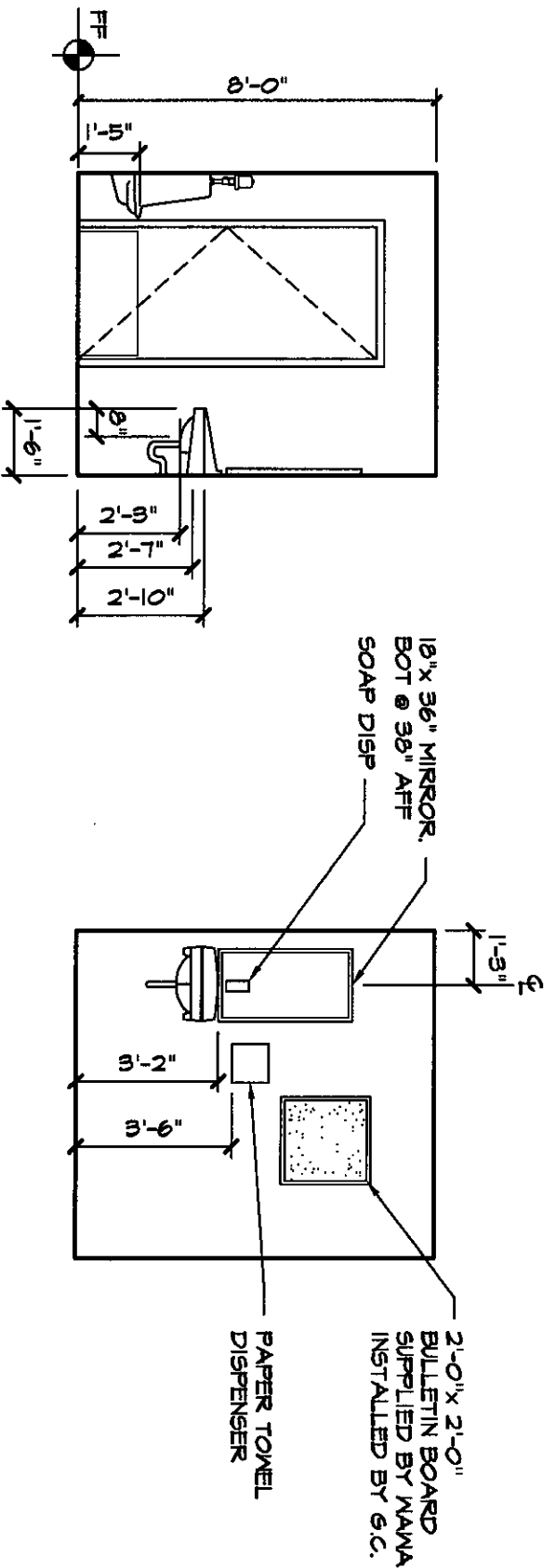
LYNCH/MARTINEZ ARCHITECTS
7 E. SKIPPACK PIKE, SUITE 250
BROAD AXE PA 19002

WAWA FOOD MARKET
545 BRICK BLVD
BRICK TWP, BRICK, NJ

STORE NO.
923

JOB NO.: 9600 BRL
SCALE: 1/4" = 1'-0"
DRAWN BY: OM
DATE: 16 OCT 98

P-SK2
2 OF 4



MEN'S TOILET ROOM ELEVATIONS

LYNCH/MARTINEZ ARCHITECTS
7 E. SKIPPACK PIKE, SUITE 250
BROAD AXE PA 19002

WAWA FOOD MARKET
545 BRICK BLVD
BRICK TWP, BRICK, NJ

STORE NO.
923

JOB NO.: 9600 BRL
SCALE: 1/4" = 1'-0"
DRAWN BY: OM
DATE: 16 OCT 98

P-SK1
1 OF 4

October 16, 1998

Bernard J. Reilly
Building Inspection Department
Township of Brick
401 Chambers Bridge Road
Brick, NJ 08723

Re: New Wawa Food Market
595 Brick Boulevard

7 East Skippack Pike, Suite 250
Broad Axe, PA 19002-5308
215.641.4830
215.641.6769 (fax)

Oscar R. Martinez, AIA
Raymond C. Lynch, AIA

James P. Dodrill, Jr., RA
Robert C. Rossell, Jr., RA

Dear Mr. Reilly:

We received a fax of your Plan Review Records for the above referenced project dated 10/14/98. To follow up on our phone conversation yesterday and your list of comments 1 through 4, I noted the following:

- Bathrooms Required: Upon review of the National Plumbing Code, I noted that section 7.24.2 *Occupant Load*, states that "the number of occupants for plumbing purposes shall be permitted to be reduced to two-thirds of that for fire or life safety purposes." Applying this rule along with requirements of table 7.24.1.C, I determined the following:

Occupancy Load = 97;
 $2/3 \times 97 = 65$ occupants;
 $65 \times 60\% = 39$ number of persons of each sex as per Note 4 on the Table.

Since this number is between 1 and 50, this figure indicates that each barrier free toilet room requires one water closet and one lavatory (men's will also have a urinal). See attached plan on sheet P-SK3 showing a new men and women's toilet plan.
- Venting: We will provide an additional 2" vent as required by NSPC for the cluster of 3 floor drains by located near walk-in Refrigerator doors.
- Gas Piping: The Gas Riser Diagram will include distances of each pipe
- Toilet Room Details: Details with all dimensions are furnished for Barrier Free Toilet Rooms as per CABO/ANSI A 117.1 -1992. I have attached sheets P-SK1 and P-SK2 for your review.

Construction Documents will be revised to indicate all these modifications.

If you require any additional information, please feel free to call Paul Jamsky of Carl Pursell, Inc., at (609) 232-1653 or me at (215) 641-4830 x-111.

Sincerely,

LYNCH MARTINEZ ARCHITECTS



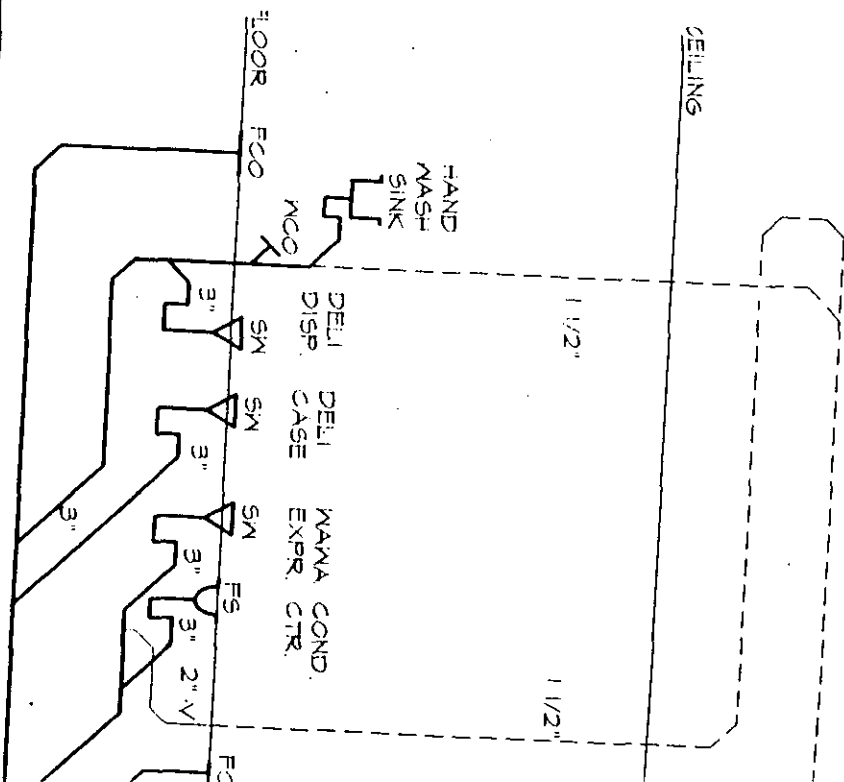
Oscar R. Martinez, AIA

Encls.

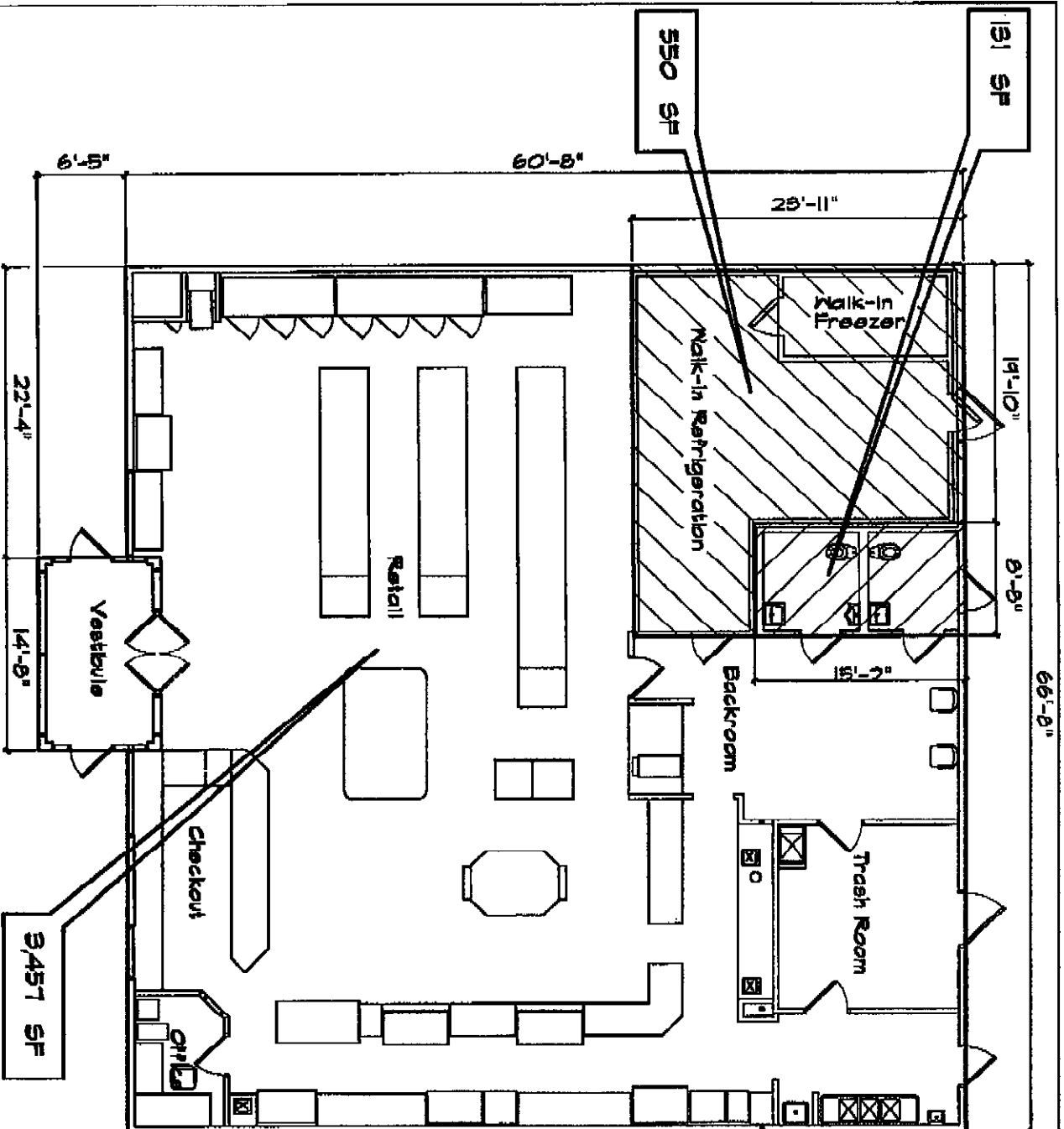
Cc: Dave Harris, Wawa, Inc.
Carl Pursell, Carl R. Pursell, Inc.

ROOF

CEILING



These are also in print.



1. Area Calculations

Retail Area: 3,457
 Toilet Rms.: 131
 Walk-In Ref/Fr: 550

Total Building Sq. Ft.: 4,138

2. Occupancy Loads *

Retail: $3,457 \div 30 = 116$
 Toilet Rms. **: 2
 Walk-In's: $550 \div 300 = 2$

120

3. Required Fixtures

Occupancy @ $120 \times 2/3 = 80$
 $80 \times 60\% = 48$ persons

1 water closet } Men's Rm
 1 lavatory }
 1 water closet } Women's Rm
 1 lavatory }

* as per BOCA 1008.1.3
 ** as per BOCA 1008.1.1

FLOOR PLAN SQUARE FOOTAGE AREA CALCULATIONS AND OCCUPANCY LOADS

LYNCH/MARTINEZ ARCHITECTS
 7 E. SKIPPACK PIKE, SUITE 250
 BROAD AVE PA 19002

WAWA FOOD MARKET
 345 BRICK BLVD
 BRICK TWP, BRICK, NJ

STORE NO.
923

JOB NO.: 9600BRI
 SCALE: NOT TO SCALE
 DRAWN BY: OM
 DATE: 16 OCT 98

P-SKS
 5 OF 5

LynchMartinez

Architects, Planners, Interior Designers

7 East Skippack Pike, Suite 250, Ambler, PA 19002 (215) 641-4830 x111

fax (215) 641-6769

oscar@lynchmartinez.com

Fax

To : Bernard Reilly	From : Oscar R. Martinez
Co. : Township of Brick	Date : October 20, 1998
Fax : 1.732.262.8954	Pages : 2
Re : Wawa - 595 Brick Blvd., Brick Twp.	Co : Frank Meiser, Dave Harris , Wawa Inc.

☐ For Your Use ☒ For Review ☐ Please Comment ☒ Please Reply ☒ Please Recycle

•Comments:

Bernie,

I recalculated the Occupancy Load for the store to be 120 occupants. These calculations for the Occupancy Load for the above referenced project are outlined in Sketch P-SK5, dated 10/20/98, attached.

If we come to an agreement on this figure and its requirements we can then proceed immediately to revise the Construction Documents including all comments noted in our previous letters to the Township, dated 10/7/98 and 10/16/98, and as a result of this Fax Transmittal. I also note that the Electrical inspector will be reviewing the plans this week.

Best Regards,

Oscar R. Martinez

Wawa
Rec'd + Resubmit
10/21/98

AMBRIC TESTING & ENGINEERING ASSOCIATES, INC.

REGISTERED ENGINEERS
• INSPECTORS •



TESTING LABORATORIES
• CHEMISTS •

1671 S. DUPONT HWY
DOVER, DE 19901
302-734-9915

3502 SCOTTS LANE
PHILADELPHIA, PA 19129

DA7

98-3763

PHONE 215-438-2688
FAX 215-438-7110

470.01
16

STRUCTURAL STEEL FIELD INSPECTION REPORT

Structure: W₆ W₆ #923
Location: BRICK, NJ
Architect: LYNCH MARTINEZ
Contractor: CARL PURSELL
Report No.: _____ Date: 12.3.98

LOCATION IN BUILDING

Erection in Progress:

ALL BOLTS ARE A325; CONNECTIONS ARE IN DIRECT TENSION
REQUIRING TORQUE OF 120/105 KSI MIN.

ALL POINTS CHECKED AT 50% LOOSE BOLTS WERE TIGHTENED
TO SPECS.

RECEIVED

DEC 03 1998

RECEIVED

Inspector: Tony Clark

Reported to: CARL PURSELL

Respectfully submitted,

AMBRIC TESTING & ENGINEERING
ASSOCIATES, Inc.

SIZING FOR WATER AND SEWER SERVICES

PROPERTY OWNER WAWA DATE 1-20-99

PROPERTY ADDRESS 595 Brick Blvd BLOCK 470.01 LOT 16

ZONING _____ USE GROUP M

CONTRACTOR _____ LICENSE # _____ REGISTRATION _____

WATER MAIN SIZE _____ WATER PRESSURE _____ SEWER MAIN SIZE _____

<u>PLUMBING FIXTURES</u>	<u>NUMBER</u>	<u>(sfu)</u>	<u>WATER UNITS</u>	<u>(dfu)</u>	<u>DRAINAGE</u>
1:BATHROOM GROUP	_____	()	_____	()	_____
2:KITCHEN GROUP	_____	()	_____	()	_____
3:WATER CLOSETS	<u>2</u>	()	<u>5</u>	()	_____
4:LAVATORY	<u>2</u>	()	<u>2</u>	()	_____
5:BATH TUB	_____	()	_____	()	_____
6:SHOWER STALL	_____	()	_____	()	_____
7: ^{Prep} KITCHEN SINK	<u>2</u>	()	<u>6</u>	()	_____
8: ^{map} SERVICE SINK	<u>1</u>	()	<u>3</u>	()	_____
9: ^{3 comp. sink} LAUNDRY TRAY	<u>1</u>	()	<u>3</u>	()	_____
10: ^{Hand sink} DISHWASHER	<u>4</u>	()	<u>4</u>	()	_____
11:WASHING MACHINE	_____	()	_____	()	_____
12:URINAL	_____	()	_____	()	_____
13:FLOOR DRAIN	_____	()	_____	()	_____
14:DRINK FOUNTAIN	_____	()	_____	()	_____
15:AIR COND WATER COOLED	_____	()	_____	()	_____
16:DENTAL UNIT	_____	()	_____	()	_____
17:LAWN SPRINKLE	_____	()	_____	()	_____
18:FIRE SPRINKLE	_____	()	_____	()	_____
19:HOSE BIBS	_____	()	_____	()	_____

TOTAL 23

GALLONS PER MINUTE 15

SIZE OF SERVICE 1"

DATE: 1-20-99 APPROVED: [Signature]

Christos Christakis, P.E. | David A. VanOcker, P.E. | Jon E. Morrison, P.E.
 Samah A. Majid, P.E., Associate | Veronica A. McCarty, Office Manager

85 Old Eagle School Road | Wayne, Pennsylvania 19087
 610 989 3800 FAX 989 3677 e-mail admin@cvmengineers.com

Christakis VanOcker Morrison Engineers

January 22, 1999

Post-it® Fax Note 7671		Date 1/22	# of pages 2
To FRANK MEISEK		From ERIC GODFREY	
Co./Dept. BRICK TOWNSHIP		Co. CVM ENGINEERS	
Phone #		Phone # (610) 989-3800	
Fax # 732-262-8954		Fax #	

Mr. Jim Dodrill
 Lynch Martinez Architects
 Suite 250
 7 East Skippack Pike
 Broad Axe, PA 19002

RE: Wawa - Brick Township
 CVM Project No. TBD

SUBJECT: Evaluation of rafter condition

Dear Jim:

Eric M. Godfrey of CVM Engineers visited the above referenced project site on January 20, 1999 to survey and evaluate a condition related to the roof framing at the gable/dormer at the front of the store structure. It is our understanding that this condition was noted during an inspection by the Brick Township Building Inspector.

Based on our review of the existing condition and discussions with the Contractor (employees of Carl Pursell) we have the following understanding of the condition as the Building Inspector encountered it:

- A 2x6 wood member was scabbed onto the top chord of a prefabricated wood roof truss. This scabbed on member extends out from the end of the truss about six to eight feet. This 2x6 extension terminates at its intersection with a 2x12 flat valley plate which supports the gable/dormer framing and a section of plywood roof sheathing. We could not determine what connection, if any, was made between the 2x6 scab and the valley plate. This condition is mirrored on the other side of the gable/dormer.

We observed that the Contractor has since modified this condition in the following manner: new 2x6 wood members (posts) now support the ends of the 2x6 scabs where they intersect the valley plate and extend down to, and bear on, the bottom chord of the adjacent prefabricated wood girder trusses.

We also noted that the roof sheathing which extends to the valley plates on each side of the gable/dormer was not attached to the bottom of the valley plates. The Contractor was directed to secure the roof sheathing to the valley plate with wood screws spaced at 4" on center.

Handwritten signature and date:
 1/22/99

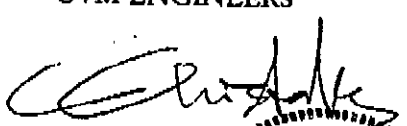
Mr. Jim Dodrill
Lynch Martincz Architects
RE: WaWa-Brick Township
CVM Project No. TBD
January 22, 1999
Page 2.

In our opinion these modifications are structurally appropriate and provide adequate support for the 2x6 scabs.

It should be noted that CVM Engineers was not the Structural Engineer of Record for this store. Therefore, this letter addresses opinions involving only the roof areas described. CVM Engineers shall not be held liable for any other parts of this store.

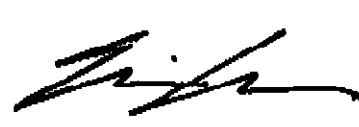
Please contact our office if you have any questions or you require additional information.

Very truly yours,
CVM ENGINEERS


Christos Christakis, P.E.
Principal

CC:crt




Eric M. Godfrey
Project Coordinator

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

1551 Highway 88 West, Brick, New Jersey 08724-2399

(908)458-7000 • FAX (908)458-7725

APPLICATION FOR AUXILIARY WATER METER

DATE: 1-29-99

Applicant's Name: WAWA INC Telephone No. _____

Mailing Address: 260 BALTIMORE PK WAWA PA 19063

Service Location: 595 BRICK BLVD

Account Number: I 404007 Block: 470.0 Lot: 14

Size of Existing Service: 1" Size of Existing Meter: 1"

David B. Milnes
Applicant's Signature

Beverly Onell
Authority Representative

THIS APPLICATION IS VALID FOR 30 DAYS FROM DATE OF APPLICATION.

Please note the following:

At the customer's option, a separate account may be established, subject to all conditions of the rate schedule as applicable to water usage.

After completing this application, the following steps must be taken:

1. Obtain special device permit from the Township of Brick Plumbing Department.
2. A licensed plumber or homeowner must cut into the pipe BEFORE the existing yoke and install a second meter yoke.
3. Call the Township of Brick Plumbing Department (262-1000) for inspection.
4. Call Brick Utilities for installation of the meter. A copy of the completed permit, showing inspection approval, will be required before the meter is installed.
5. It is the customer's responsibility to insure that the meter is installed and the permit was approved. Failure to do so may result in a tampering fee of \$250.00 and service will be terminated.
6. A charge for cost of the meter will be applied to the first billing. Quarterly bills for usage only will be issued.

**OFFICE OF AFFORDABLE HOUSING
CERTIFICATE OF COMPLIANCE**

BLOCK 470.01 LOT 16 SITE ADDRESS 575 Brook Blvd
TYPE OF SITE Residential / Commercial TYPE OF BUSINESS _____
APPLICANT Carl Purcell PHONE NUMBER 609-227-1001
APPLICANT ADDRESS 1737 Cleveland Ave CITY & STATE Blackwood NJ
PERMIT # _____ NAME OF BUSINESS WJWJWJ

INCLUSIONARY DEVELOPMENT

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

MANDATORY DEVELOPER FEES

◇ Residential is .005 %
✕ Commercial is .01 %

Estimated Assessment \$ 4139.00 Date 9-28-98
Estimated Required Fee \$ 4139.00
Required Deposit on Estimate \$ 2069.50 Date 10-1-98
Check # 9-5098 Receipt # 1538
Actual Assessment \$ 5114.60 Date 2-9-99
Actual Required Fee \$ 5114.00
Minus Deposit of Estimate \$ 2069.50
Balance Due \$ 2944.50 Date _____
Check # _____ Receipt # _____
Amount Paid In Full \$ _____

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

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

Carol A. Wolfe
Affordable Housing Administrator

INSPECTOR: Nick Mungolo

JOB: WAWA

SECTION:

WEATHER: 50 Sunny

TEMPERATURE: 50°

DATE: 2/12/99

TYPE OF WORK: FINAL

LOCATION: Beck Blvd

BLOCK: 470.01

LOT: 10

**ENGINEERING RECOMMENDATIONS FOR
CERTIFICATE OF OCCUPANCY
INSPECTION CHECK LIST**

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

COMMENTS REFERENCING ITEM NUMBER:

TREE GRATES by 3/1/99

RECOMMENDATIONS:

☐ TEMP. C.O.

☒ FINAL C.O.

☐ DETAILED REINSPECTION

☐ HOLD INSPECTION UNTIL LOT ELEVATION FIELD VERIFIED

PLANNING BOARD ENGINEER

MUNICIPAL ENGINEER

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

WORK 470.01 BY 16 SITE LOCATION Brick Blvd + Cedar Bridge Ave

BUILDING INSPECTION

Contractor Garl R Russell Inc Phone (609) 227-1001
Address 1735 Chords Landing State NJ Zip 08012
Firm Blackwood Federal EMP. NO. (or SSN) 220 317 298
S# 019349

ESTIMATED COST OF BUILDING WORK

3W BUILDING (1) \$210,000 ALTERATION (2) \$
ADDITION (3) \$
TOTAL (1+2+3) \$ 210,000

BUILDING CHARACTERISTICS

ADDITION or SINGLE FAMILY DWELLING
CONSTRUCTION CLASS Me PRESENT PROPOSED Me
O. OF STORIES 1 HT. OF STRUCTURE FT. 24
REA: LARGEST FLOOR SQ. FT. 4139
TOTAL BLDG. AREA: ALL FLOORS SQ. FT. 4139
VOLUME OF STRUCTURE CU. FT. 74,522
TOTAL LAND AREA DISTURBED SQ. FT. 5,000

TYPE OF WORK	COST	TYPE OF WORK	COST
NEW BLDG.	<u>210,000</u>	MISC.	
ADDITION		FENCE	
ALTERATION		SIGN	<u>89.00</u>
DOOFING		POOL	
DEMOLITION		ASBESTOS ABATEMENT	
		DCA	
		TOTAL	

DESCRIPTION OF WORK

COMMENTS New Corner Store

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.
SEAL & SIGNATURE Garl R Russell

PLUMBING INSPECTION

Contractor PURSELL PLUMBING INC Phone (609) 227-1001
Address RD 41 1739 CHENS LOG RD State NJ Zip 08012
Town BLACKWOOD Federal EMP. NO. (or SSN) 22-3171418
LIC # 5407

ESTIMATED COST OF PLUMBING WORK:

Sewer Size 4" Water Size 2" \$ 14,200

TECHNICAL SITE DATA (List all Fixtures)

NO.	FIXTURE/EQUIPMENT	NO.	FIXTURE/EQUIPMENT
1	Water Closet		Steam Boiler
1	Urinal / Bidet		Hot Water Boiler
1	Bath Tub		Sewer Pump
1	Lavatory		Interceptor/Separator
1	Shower	5	Backflow Preventer
1	Floor Drain	1	Grease Trap <u>1250 gal</u>
3	Sink		Water Cooled A/C
	Dishwasher		or Refrigeration Unit
	Drinking Fountain		Sewer Connection
	Washing Machine	X	Water Service Connection
3	Hose Bibb		Active Solar System
1	Water Heater		Other
	Fuel Oil Piping		Other
1	Gas Piping		Other

DESCRIPTION OF WORK

COMMENTS NEW DRAINS IN SUEA AS PER PRINT. INSTALL NEW 3/4" SINK & DEW EQUIPMENT. INSTALL 1/2" GAS & 2 COMP. EXTERIOR GREENE VALVE DRAIN WATER EVENTS AS NEEDED.

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.
SEAL & SIGNATURE (Contractor's Seal) Garl R Russell

FIRE INSPECTION

Contractor Garl R Russell Inc Phone (609) 227-1001
Address 1735 Chords Landing State NJ Zip 08012
Town Blackwood Federal EMP. NO. (or SSN) 220 317 298
LIC # 4446

ESTIMATED COST OF FIRE PROT. WORK: \$ 1000

Heating Type: ☒ Gas ☐ Oil ☐ Electrical ☐ Solar
Heating System: ☒ New ☐ Existing
Location of Furnace / Boiler

TECHNICAL SITE DATA (Description of Work)

WATER SUPPLY SOURCE			
METHOD OF VALVE SUPERVISION			
LOCAL ALARM SUPERVISION			
CENTRAL SUPERVISION			
PROPRIETARY SUPERVISION			
	Flammable Liquid Storage Tanks	☐ Capacity	Fuc
	Combustible Liquid Storage Tanks	☐ Capacity	Fuc
	L.P.G. Storage Tanks	☐ Capacity	Fuc
	L.N.G. Storage Tanks	☐ Capacity	Fuc
NO.	ITEM	NO.	ITEM
2	Wet Sprinkler Heads		Pre-Engineered Sys
	Dry Sprinkler Heads		CO ₂ Suppression
	TOTAL		Halon Suppression
	Smoke Detectors		Foam Suppression
	Heat Detectors		Dry Chemical
	TOTAL	2	Wet Chemical
	Stand Pipes		Gas or Oil Fired A
	Kitchen Hood Exhaust System		Other

DESCRIPTION OF WORK

COMMENTS REPAIR

CERTIFICATION IN LIEU OF OATH

I HEREBY CERTIFY THAT I AM THE (AGENT OF) OWNER OF RECORD AUTHORIZED TO MAKE THIS APPLICATION AND PERFORM THE WORK LISTED ON THIS APPLICATION.
SEAL & SIGNATURE (Contractor's Seal) Garl R Russell

CARL R. PURSELL, INC.
135 EDGEWOOD AVENUE
BERLIN, NJ 08009
(609) 768-6500

REMITTANCE ADVICE					
		Affordable Housing			
		Wawa	923		

55-136/312

3161

PAY Two thousand nine hundred forty four 58 DOLLARS

TO THE ORDER OF	DATE	DESCRIPTION	CHECK NO.	ACCT. NO.		CHECK AMOUNT
				SUB	GEN	
Township of Brick	2-10-99		3161			2,944.50



COMMERCE ATRIUM, 1701 RT. 70 EAST
CHERRY HILL, NJ 08003

Carl R. Pursell

⑈003161⑈ ⑈031201360⑈ 40 1691 1⑈

From: Carol A. Wolfe, Affordable Housing Administrator
Re: Affordable Housing Fees

Date: 2-10-99

Business/Development: Wawa
Owner/Applicant: Carl R. Pursell, Inc.
Property Address: 595 Brick Blvd
Block: 470.01 Lot: 16

DEPOSIT RECEIVED

Mandatory Development Fee
Commercial
Residential
Inclusionary Development Fee

Check Number _____

Estimated Fee \$ _____

Deposit Amount \$ _____

FINAL PAYMENT PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY

Mandatory Development Fee
Commercial
Residential
Inclusionary Development Fee

Check Number 3161

Final Fee \$ 5014.00

Less Deposit \$ 2069.50

Final Payment \$ 2944.50

FOR DEPOSIT ONLY - AFFORDABLE HOUSING TRUST ACCOUNT 36 367087

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

Received in Treasurer's Office by:

Carl R. Pursell
Signature

2-10-99
Date

COUNTER FORM
PLEASE PRINT

update 98-3763+1
WAWA

WAWA

TOWNSHIP OF BRICK

401 Chambers Bridge Road
Brick, New Jersey 08723
Tel: 732-262-1027

Site Location: 595 Brick Blvd	Date Rec'd:
Block:	Lot:
Owner in Fee: WAWA INC	Date Issued:
Address: 260 Baltimore Ave WAWA PA	Control #:
State: PA	Permit #:
Zip: 19063	Phone: (610) 358-6858
SS #:	Provide only if Applicant is owner

PLUMBING SUBCODE	BUILDING SUBCODE
CONTRACTOR:	CONTRACTOR:
ADDRESS:	ADDRESS:
PHONE:	PHONE:
LIC #:	LIC #:
LIC EXPIRATION DATE:	LIC EXPIRATION DATE:
FEDERAL EMP. # (or S.S. #):	FEDERAL EMP. # (or S.S. #):
TECHNICAL SITE DATA (LIST ALL FIXTURES)	TECHNICAL SITE DATA
NO. FIXTURE/EQUIPMENT	DESCRIPTION OF WORK:
_____ Water Closet _____ Urinal / Bidet _____ Bath Tub _____ Lavatory _____ Shower _____ Floor Drain _____ Sink _____ Dishwasher _____ Drinking Fountain _____ Washing Machine _____ Hose Bibb _____ Gas Piping _____ Fuel Oil Piping _____ Water Heater _____ Steam Boiler _____ Hot Water Boiler _____ Sewer Pump _____ Interceptor / Separator _____ Backflow Preventer _____ Greasetrap _____ Water Cooled AC or Refrig. Unit _____ Sewer Connection _____ Septic (Disposal System) Closure _____ Water Service Connection _____ Gas Service Connection _____ Active Solar System _____ Vent Through Roof _____ Other	TYPE OF WORK ☐ New Building ☐ Addition ☐ Alteration ☐ Roofing ☐ Siding ☐ Other: ☐ Fence: Height (6' or More) ☐ Sign: Sq. Ft. ☐ Pool (In Ground) ☐ Pool (Above Ground) ☐ Asbestos Abatement ☐ Demolition BUILDING CHARACTERISTICS USE GROUP Present: Proposed: CONSTR. CLASS Present: Proposed: No. of Stories: Height of Structure: Area - Largest Floor: New Building Area / All Floors: Volume of Structure: Total Land Disturbed: Signature:
Estimated Cost of Plumbing Work: \$	
Signature:	
Owner ☐ Contractor ☐	
SUBCODE APPROVAL:	Estimated Cost of Building Work:
PLANS: Required ☐ Approved ☐	New Building (1): \$
Approved by:	Alteration (2): \$
Date:	TOTAL (1+2): \$
CONTRACTOR AFFIX SEAL:	SUBCODE APPROVAL:
	PLANS: Required ☐ Approved ☐
	Approved by:
	Date:

COUNTER FORM
PLEASE PRINT

ELECTRICAL SUBCODE	FIRE PROTECTION SUBCODE																																																																																			
CONTRACTOR: <u>126678</u>	CONTRACTOR: _____																																																																																			
ADDRESS: <u>661 Moore Rd</u>	ADDRESS: _____																																																																																			
<u>King of Prussia PA 19406</u>																																																																																				
PHONE: <u>610-768-5233 (call)</u>	PHONE: _____																																																																																			
LIC. #: <u>126678</u> EXP. DATE: _____	LIC. #: _____ EXP. DATE: _____																																																																																			
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This is a permit for Infocore technicians to carry at all times that allows us to run cable in the State of New Jersey. If you are ever approached by an inspector in the State of New Jersey asking for your permit to run cable, show that person this card.

State of New Jersey
DEPARTMENT OF LAW AND PUBLIC SAFETY
DIVISION OF CONSUMER AFFAIRS
STATE BOARD OF EXAMINERS OF ELECTRICAL CONTRACTORS

TELECOMMUNICATIONS
WIRING EXEMPTION

Issued to: Infocore, Inc.
661 Moore Rd., King Of Prussia, PA 19406

[Signature] Exemption No. 474 Address

Signature of Holder

Call 610-768-5233

COUNTER FORM
PLEASE PRINT

RECEIVED

JAN 29 1999

TOWNSHIP OF BRICK
401 Chambers Bridge Road
Brick, New Jersey 08723
Tel: 732-262-1027

DIV. OF INSPECTION

Site Location: 595 BRICK BLVD Date Rec'd.:
Block: 4701 Lot: 16 Date Issued:
Owner in Fee: WAWA INC. Control #:
Address: 260 BALTIMORE PIKE Permit #:
WAWA PA
State: PA Zip: 19063 Phone: ()
SS #: Provide only if Applicant is owner

Update 98-3763+C

PLUMBING SUBCODE	BUILDING SUBCODE
------------------	------------------

CONTRACTOR: PURSELL PLUMBING INC. CONTRACTOR:

ADDRESS: RD 41 1739 CHEWS LOG RD ADDRESS:

BLACKWOOD NJ 08012

PHONE: 609 227 1001 PHONE:

LIC #: 5407 LIC #:

LIC EXPIRATION DATE: 6-99 LIC EXPIRATION DATE:

FEDERAL EMP. # (or S.S. #): 223171418 FEDERAL EMP. # (or S.S. #):

TECHNICAL SITE DATA (LIST ALL FIXTURES) TECHNICAL SITE DATA

NO. FIXTURE/EQUIPMENT DESCRIPTION OF WORK:

NO.	FIXTURE/EQUIPMENT	DESCRIPTION OF WORK:
	Water Closet	
	Urinal / Bidet	
	Bath Tub	
	Lavatory	
	Shower	
	Floor Drain	
	Sink	
	Dishwasher	
	Drinking Fountain	
	Washing Machine	
	Hose Bibb	
	Gas Piping	
	Fuel Oil Piping	
	Water Heater	
	Steam Boiler	
	Hot Water Boiler	
	Sewer Pump	
	Interceptor / Separator	
	Backflow Preventer	
	Greasetrap	
	Water Cooled AC or Refrig. Unit	
	Sewer Connection	
	Septic (Disposal System) Closure	
	Water Service Connection	
	Gas Service Connection	
	Active Solar System	
	Vent Through Roof	
	Other <u>AUX</u>	
	<u>WATER METER heads</u>	

COMMERCIAL

TYPE OF WORK

☐ New Building	☐ Fence: Height (6' or More)
☐ Addition	☐ Sign: Sq. Ft.
☐ Alteration	☐ Pool (In Ground)
☐ Roofing	☐ Pool (Above Ground)
☐ Siding	☐ Asbestos Abatement
☐ Other:	☐ Demolition

BUILDING CHARACTERISTICS

USE GROUP	Present:	Proposed:
CONSTR. CLASS	Present:	Proposed:
No. of Stories:		
Height of Structure:		
Area - Largest Floor:		
New Building Area / All Floors:		
Volume of Structure:		Total Land Disturbed:

Signature:

Owner ☐ Contractor ☐

Estimated Cost of Building Work:

New Building (1): \$

Alteration (2): \$

TOTAL (1+2): \$

SUBCODE APPROVAL:

PLANS: Required ☐ Approved ☐

Approved by:

Date:

Signature:

Owner ☐ Contractor ☐

SUBCODE APPROVAL:

PLANS: Required ☐ Approved ☐

Approved by:

Date:

CONTRACTOR AFFIX SEAL:

David B. Milnes

COUNTER FORM
PLEASE PRINT

ELECTRICAL SUBCODE			FIRE PROTECTION SUBCODE		
CONTRACTOR:			CONTRACTOR:		
ADDRESS:			ADDRESS:		
PHONE:			PHONE:		
LIC. #:		EXP. DATE:	LIC. #:		EXP. DATE:
FEDERAL EMPL. # (or S.S. #):			FEDERAL EMPL. # (or S.S. #):		
TECHNICAL DATA (LIST ALL FIXTURES)			TECHNICAL DATA (DESCRIPTION OF WORK)		
DESCRIPTION	QTY	SIZE			
ITEMS					
Lighting Fixtures					
Receptacles					
Switches					
Detectors					
Light Poles			Heating Type: ☐ Gas ☐ Oil ☐ Electric ☐ Solar		
Motors - Fract. HP			Heating Sys: ☐ New ☐ Existing		
Emergency & Exit Lights			Location of Furnace / Boiler _____		
Communications Points					
Alarm Devices/E.A.C. Panel					
TOTAL NUMBERS					
Pool Permit w/UW Lights			Water Supply Source		
Storable Pool/Spa/Hot Tub			Method of Valve Supervision		
KW Elec. Range / Receptacle		KW	Local Alarm Supervision		
KW Oven / Surface Unit		KW	Central Supervision		
KW Elec. Water Heater		KW	Proprietary Supervision		
KW Elec. Dryer / Receptacle		KW			
KW Dishwasher		KW	Flammable Liquid Storage Tanks Capacity: Fuel:		
HP Garbage Disposal		HP	Combustible Liquid Storage Tanks Capacity: Fuel:		
KW Central A/C Unit		KW	L.G.P. Storage Tanks Capacity: Fuel:		
HP/KW Space Heater/Air Handler		HP/KW			
KW Baseboard Heat		KW	DESCRIPTION NUMBER		
HP Motors 1/+ HP		HP	Wet Sprinkler Heads		
KW Transformer/Generator		KW	Dry Sprinkler Heads		
AMP Service		AMP	Total		
AMP Subpanels		AMP			
AMP Motor Control Center		AMP	Smoke Detectors		
AMP Elec. Sign/Outline Light		KW	Heat Detectors		
Other			Total		
Other					
Other			Stand Pipes		
Other			Kitchen Hood Exhaust Systems		
Estimated Cost of Electrical Work: \$					
Signature (print name):			Pre-Engineered Systems		
Estimated Cost of Electrical Work: \$			Co2 Suppression		
Signature (print name):			Halon Suppression		
Owner ☐ Contractor ☐			Foam Suppression		
SUBCODE APPROVAL:			Dry Chemical		
PLANS: Required ☐ Approved ☐			Wet Chemical		
Approved by:			Gas or Oil Fired Appliance		
Date:			Other		
CONTRACTOR AFFIX SEAL:			Other		
			Estimated Cost of Fire Protection Work: \$		
			Signature:		
			Owner ☐ Contractor ☐		
			SUBCODE APPROVAL:		
			PLANS: Required ☐ Approved ☐		
			Approved by:		
			Date:		

Applicable to Ordinance 728-92

This form must be handed in with permit application or a permit will not be issued.

TOWNSHIP OF BRICK

BRICK Blvd + Cedar Bridge Ave

470.01

16

Work Site Address

Block

Lot

WAWA INC

260 BALTIMORE PIKE, WAWA PA 19063 (610)358-6858

Owner's Name, Address, Phone

CARL R PURCELL INC.

1739 Chewstonding Rd, Blackwood NJ 08012

Contractor's Name, Address, Phone

(609)227-1001

Construction

EXCAVATE SITE

Describe type (Single -family home, etc.)

Demolition

EXCAVATION

Describe type (Structure, roof, siding, etc.)

Describe type and estimated quantity of material

Name, address and phone of party responsible for removal of debris:

MANCUSO CONTRACTORS, INC. 200 BENCAV ST, MOORESTOWN NJ.

(609)-667-5940

Size of dumpster: 30YD. TRAILER

Destination of discarded debris: CHIP ON SITE

Hauler's DEP Permit No.: 19590

**Note: Any recyclable material, including, but not limited to: corrugated cardboard, vegetative waste, concrete, asphalt, clean wood, etc., must be delivered to an approved recycling center, and receipts provided to the Township of Brick along with tipping receipts for non-recyclable material.

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

CARL R. PURCELL, INC.

Printed/Typed Name

Signature

Carl R. Purcell

Date

6/30/98

FOR OFFICE USE ONLY

MUST BE COMPLETED BEFORE CERTIFICATE OF OCCUPANCY OR CERTIFICATION OF APPROVAL IS ISSUED

Recycling tonnage receipts attached?

Certified tipping receipts attached?

**Note: Receipts must show certified weights, date of disposal and name and address of disposal center.

DISTRIBUTION LIST:

1. Original to Code Enforcement Officer
2. Construction Code Office
3. Applicant



MANCUSO CONTRACTORS & EXCAVATORS

200 BEACON ST.
MOORESTOWN, NJ 08057

9598

55-760/312 359

DATE 10-1-98

PAY
TO THE
ORDER OF

Township of Brick

\$ 2069.50

Two Thousand sixty nine

50

DOLLARS  Security features included. Details on back.

PNC BANK

PNC Bank, N.A.
New Jersey 060

FOR B470.01 L16 -wawa



⑈009598⑈ ⑆1031207607⑆ 8101237660⑈

To: Scott M. Pezarras, Chief Financial Officer
From: Carol A. Wolfe, Affordable Housing Administrator
Re: Affordable Housing Fees

Date: 10-1-98

Business/Development: Wawa

Owner/Applicant: Mancuso Contractors & Excavators

Property Address: 595 Brick Blvd

Block: 470.01 Lot: 16

DEPOSIT RECEIVED

Mandatory Development Fee

Commercial

Residential

Inclusionary Development Fee

Check Number 9598

Estimated Fee \$ 4139.00

Deposit Amount \$ 2069.50

FINAL PAYMENT PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY

Mandatory Development Fee

Commercial

Residential

Inclusionary Development Fee

Check Number _____

Final Fee \$ _____

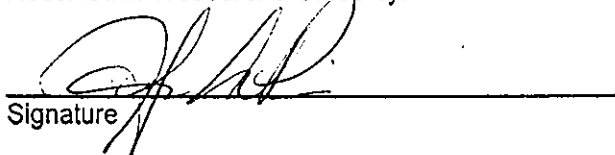
Less Deposit \$ _____

Final Payment \$ _____

FOR DEPOSIT ONLY - AFFORDABLE HOUSING TRUST ACCOUNT 36 367087

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

Received in Treasurer's Office by:


Signature

10/1/98
Date