

BLOCK 1170 LOT 516,601 QUALIFICATION CODE 06-75 ADDRESS (SITE) 1722 Route 88 PERMIT NO. 00 1154



CONSTRUCTION PERMIT APPLICATION

Application Completes: Sections I, II, III (optional), IV, VI, and VII

I. IDENTIFICATION

1. Proposed Work Site at: 1722 Route 88
2. Name of Owner in Fee: LESTIA WHOLESALE Tel. (425) 313-8100
Address 999 Lake Dr. Issaquah Washington 98027
street municipality zip code
3. Ownership in Fee: Public ☐ Private ☒
4. Principal Contractor: Fairfield Refrigeration Tel. (978) 227-2210
Address 15 Oak Rd. Fairfield N.J. 07004
License No. OR, if new home, Builder Reg. No. Exp. Date
Federal Employee No. 22-2598606 FAX: (978) 227-1207
5. Architect or Engineer Jerry Q. Lee Tel. (425) 602-4981
Address 11820 Northrup Way, #E300 Bellevue WA 98005
6. Responsible Person in Charge of Work
Tel. () FAX ()

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$ <u>995</u>		
2. Electrical	<u>35</u>		
3. Plumbing			
4. Fire Protection	<u>35</u>		
5. Elevator Devices			
6. Subtotal	\$		
7. Less 20% for State Plan Review			
8. Subtotal	\$		
9. DCA Training Fee	<u>36</u>		
10. Subtotal			
11. Cert. of Occupancy			
12. Other			
13. TOTAL	\$ <u>1101</u>		

VI. BUILDING/SITE CHARACTERISTICS

1. Number of Stories 1
2. Height of Structure 32'-0" ft.
3. Area — Largest Floor 112,028 SF sq. ft.
4. New Building Area 112,028 sq. ft.
5. Volume of New Structure 2797.794 cu. ft.
6. Construction Classification 25 unlimited
7. Total Land Area Disturbed 0 sq. ft.
8. Flood Hazard Zone
9. Base Flood Elevation ft.
10. Wetlands yes
no
11. Max. Live Load
12. Max. Occupancy Load

(office use only)

II. PROPOSED WORK

1. ☐ Minor Work
2. ☐ New Building
3. ☐ Addition
4. ☒ Alteration
5. ☐ Fire Protection
6. ☐ Plumbing
7. ☒ Electrical
8. ☐ Elevator Devices
9. ☐ Asbestos Abat. Subch. 8
10. ☐ Lead Hazard Abatement
11. ☐ Demolition

Est. Cost

39400-
5000-
44400

OPTIONAL (for office use only)

Plans Rec'd by	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
<u>RA</u>	<u>3/6/00</u>		<u>4/12/00</u>	<u>OK</u>	<u>5/8/00</u>		<u>OK</u>
			<u>4-14-00</u>	<u>OK</u>	<u>5/8/00</u>		<u>OK</u>
			<u>3/15/00</u>	<u>OK</u>	<u>5/8/00</u>		<u>OK</u>

TOTAL COSTS

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

1. ☐ Elevators/Escalators/Lifts/
Dumbwaiters/Moving Walks
2. ☐ High Pressure Boilers
3. ☐ Pressure Vessels
4. ☐ Refrigeration Systems
5. ☐ Cross-Connections/Backflow Preventers
6. ☐ Hazardous Uses/Places of Assembly
7. ☐ Sprinklers
8. ☐ Smoke Control Systems in Open Wells
9. ☐ Underground Storage Tanks

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL

1. ☐ Hotels (R-1)
2. ☐ Multi-Family (R-2)
3. ☐ Two-Family (R-3) BOCA
4. ☐ Two-Family (R-4) CABO
5. ☐ One-Family (R-3) BOCA
6. ☐ One-Family (R-4) CABO

No. of dwelling units:

Before Construction
After Construction
Net Gain or Loss

B. NON-RESIDENTIAL

1. State Specific Use:

2. Use Group:

3. Change in Use Group, Indicate Former

III. DO YOU WANT: (optional)

1. ☐ Partial Releases
2. ☐ Prototype Processing

CERTIFICATION IN LIEU OF OATH

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

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

Mark the following applicable boxes:

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

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

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

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

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

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

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

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

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

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

Signature _____ Date _____

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

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

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

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

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

☒ Check if contractor.

Agent Name Fairfield Refrigeration

Address 150AK Rd.

Fairfield N.J. 07004

Telephone (973) 227-2210

Signature Udo E. Klemm U. Udo E. Klemm

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

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 _____	Barrier Free _____			
Electrical _____		Flood Hazard _____			
Plumbing _____		As Built Elevation Cert. _____			
Fire Protection _____		Other _____			
Mechanical _____					

X. CERTIFICATES ISSUED (office use only)

	DATE ISSUED	DATE EXPIRED	DATE REISSUED	DATE EXPIRED
☐ Temporary Certificate of Occupancy	No. _____	_____	_____	_____
☐ Temporary Certificate of Compliance	No. _____	_____	_____	_____
☐ Continued Certificate of Occupancy	No. _____	_____	_____	_____
☐ Certificate of Compliance	No. _____	_____	_____	_____
☐ Certificate of Occupancy	No. _____	_____	_____	_____
☐ Certificate of Approval	No. _____	_____	_____	_____
☐ Lead Abatement Clearance Certificate	No. _____	_____	_____	_____

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Date Issued 05/11/2000
Control #
Permit # 00-1154

UCC NEW JERSEY
CERTIFICATE

IDENTIFICATION

Block 1170 Lot 5 Qual
Work Site Location 1722 RT 88 COSTCO WHOLESALE
ALTERATIONS
Owner in Fee/Occupant COSTCO WHOLESALE
Address 999 LAKE DR
ISSAQUAH, WA 98027-
Telephone (425)313-8100
Contractor FAIRFIELD ASSOCIATION
Address 15 OAK RD
FAIRFIELD, NJ 07004-
Telephone (973)227-2210 Fax ()
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-2598605

Home Warranty No.
Type of Warranty Plan: [] State [] Private
Use Group N
Maximum Live Load 0
Construction Classification
Maximum Occupancy Load 0
Description of Work/Use:
COSTCO WHOLESALE STORE - INTERIOR ALTERATIONS REM
CENTER TO LIQUOR SALES ADDITION

[] CERTIFICATE OF OCCUPANCY

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

[] CERTIFICATE OF CLEARANCE - LEAD ABATEMENT 5:17

This serves notice that based on written certification, lead abatement was performed as per UAC 5:17, to the following extent:
[] Total removal of lead-based paint hazards in scope of work
[] Partial or limited time period () years; see file

[] CERTIFICATE OF APPROVAL

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved.
If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

[] CERTIFICATE OF CONTINUED OCCUPANCY

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

[X] TEMPORARY CERTIFICATE OF OCCUPANCY/COMPLIANCE

If this is a Temporary Certificate of Occupancy or Compliance, the following conditions must be met no later than May 15, 2000 or the owner will be subject to fine or order to vacate:

[] CERTIFICATE OF COMPLIANCE

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until .

OK TO SET UP DISPLAY AREA-NO PUBLIC TILL FINAL

Fee \$ 0
Paid [X] Check No. 2081
Collected by: AJP

CONSTRUCTION OFFICIAL
D.C.C. F260 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Date Issued 05/11/2000
Control #
Permit # 00-1154

IDENTIFICATION

UCC NEW JERSEY
CERTIFICATE

Block 1170 Lot 5 Qual
Work Site Location 1722 RT 88 COSTCO WHOLESALE
ALTERATIONS
Owner in Fee/Occupant COSTCO WHOLESALE
Address 999 LAKE DR
ISSAQUAH, WA 98027-
Telephone (425)313-8100
Contractor FAIRFIELD ASSOCIATION
Address 15 94K RD
FAIRFIELD, NJ 07004-
Telephone (973)227-2210 Fax ()
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-2528606

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

COSTCO WHOLESALE STORE - INTERIOR ALTERATIONS REM
CENTER TO LIQUOR SALES ADDITION

[] CERTIFICATE OF OCCUPANCY

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

[] CERTIFICATE OF CLEARANCE - LEAD ABATEMENT 5:17

This serves notice that based on written certification, lead abatement was performed as per DMEC 5:17, to the following extent:
[] Total removal of lead-based paint hazards in scope of work
[] Partial or limited time period (____ years); see file

[] CERTIFICATE OF APPROVAL

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved.
If the permit was issued for minor work, this certificate was based upon that was visible at the time of inspection.

[] CERTIFICATE OF CONTINUED OCCUPANCY

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

[X] TEMPORARY CERTIFICATE OF OCCUPANCY/COMPLIANCE

If this is a Temporary Certificate of Occupancy or Compliance, the following conditions must be met no later than May 15, 2000 or the owner will be subject to fine or order to vacate:

[] CERTIFICATE OF COMPLIANCE

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until _____.

OK TO SET UP DISPLAY AREA-NO PUBLIC TILL FINAL

Fee \$ 0
Paid [X] Check No. 2081
Collected by: AJP

CERTIFICATION OFFICIAL
U.C.C. 1760 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
CERTIFICATE

Date Issued 05/12/2000
Control #
Permit # 00-1154

IDENTIFICATION

Block 1170 Lot 5 Qual
Work Site Location 1722 RT 88 COSICO WHOLESALE
ALIATIONS
Owner in Fee/Occupant COSICO WHOLESALE
Address 999 LAKE DR
ISSAQUAH, WA 98027-
Telephone (425)313-8100
Contractor FAIRFIELD ASSOCIATION
Address 15 9AK RD
FAIRFIELD, NJ 07004-
Telephone (973)227-2210 Fax ()
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. 22-2598606

☐ CERTIFICATE OF OCCUPANCY

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

☐ CERTIFICATE OF APPROVAL

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved.

If the permit was issued for other work, this certificate was based upon what was visible at the time of inspection.

☐ TEMPORARY CERTIFICATE OF OCCUPANCY/COMPLIANCE

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

CONSTRUCTION OFFICIAL
B.C.C. 7364 (rev. 3/96)

[Signature]

Home Warranty No.

Type of Warranty Plan: ☐ State ☐ Private

Use Group M

Maximum Live Load 0

Construction Classification

Maximum Occupancy Load 0

Description of Work/Use:

INTERIOR ALTER FOR LIQUOR SALES DISSPLAY AREA AND
SALES

☐ CERTIFICATE OF CLEARANCE - LEAD ABATEMENT 5:17

This serves notice that based on written certification, lead abatement was performed as per BAC 5:17, to the following extent:

☐ Total removal of lead-based paint hazards in scope of work
☐ Partial or limited time period (years); see file

☐ 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.

☐ CERTIFICATE OF COMPLIANCE

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until , .

Fee \$ 35
Paid ☒ Check No. 2081
Collected by: AJP

COMMERCIAL

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
CONSTRUCTION
PERMIT

Date Issued 04/14/2000
Control #
Permit # 00-1154

IDENTIFICATION Block 1170 Lot 5 Qual

Work Site Location 1722 RT 88 COSTCO WHOLESALE

ALTERATIONS

Owner in Fee COSTCO WHOLESALE

Address 999 LAKE DR
ISSAQUAH, WA 98027-

Telephone (425) 313-8100

Contractor FAIRFIELD ASSOCIATION

Address 15 OAK RD

FAIRFIELD, NJ 07004-

Telephone (973) 227-2210

Lic. No. or Bldgs. Reg. No.

Federal Reg. No. 22-2598606

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:

COSTCO WHOLESALE STORE - INTERIOR ALTERATIONS REMODEL EXISTING TIRE
CENTER TO LIQUOR SALES ADDITION

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 \$ 44,550

Construction Official

04/14/2000
Date

D.C.C. P170 (rev. 3/96)

PAYMENTS (Office Use Only)

Building 995

Electrical 35

Plumbing 0

Fire Protection 35

Elevator Devices 0

Other

DCA Training Fee 36

Cert. of Occupancy 0

Other

Total 1,101

Check No. 2081

Cash

Collected By AJP

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
BUILDING
SUBCODE
TECHNICAL SECTION

Date Received 03/06/2000
Date Issued 05/17/2000
Control # C6-75
Permit # 00-1154

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

Block 1170 Lot 5 Qual
Work Site Location 1722 RT 88 COSTCO WHOLESALE

ALTERATIONS

Owner in Fee COSTCO WHOLESALE
Address 999 LAKE DR
ISSAQUAH, WA 98027-

Tele. (425)313-8100

Contractor FAIRFIELD ASSOCIATION

Address 15 OAK RD
FAIRFIELD, NJ 07004-

Tele. (973)227-2210 Fax ()

Lic. No. or Bldgs. Reg. No.

Federal Emp. No. 22-2598606

COMMERCIAL

JOB SUMMARY (Office Use Only) *Quantities letter rec.*

PLAN REVIEW Date Initial

[] No Plans Req. 4/2/00

[] All

[] Footing

[] Foundation

[] Frame

[] Other

Joint Plan Review Required:

[] Elect [] Plumb [] Fire

SUBCODE APPROVAL [] Elev

Date: 5/1/00

Approved By: *[Signature]*

BarrierFree

B. BUILDING CHARACTERISTICS

Use Group Present M Proposed M

Const. Class Present Proposed

No. of Stories 0

Height of Structure 0 Ft.

Area Largest Floor 0 Sq. Ft.

New Bldg. Area/All Floors 0 Sq. Ft.

Volume of New Structure 0 Cu. Ft.

Total Land Area Disturbed 0 Sq. Ft.

Est. Cost of Bldg. Work:

1. New Bldg. \$ 0

2. Alteration \$ 39,400

3. Total (1+2) \$ 39,400

Industrialized Building:

[] State Approved

[] HUD

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

COSTCO WHOLESALE STORE - INTERIOR ALTERATIONS REMODEL EXISTING TIER
CENTER TO LIQUOR SALES ADDITION

Partial wall

TYPE OF WORK

[] New Building

[] Addition

[X] Alteration

[] Roofing

[] Siding

[] Fence 0 Height (exceeds 6')

[] Sign 0 Sq. Ft.

[] Pool

[] Asbestos Abatement Subchapter 8

[] Lead Haz. Abatement NJAC 5:17

[] Other

[] Demolition

FEE (Office Use Only)

\$ 0

\$ 0

\$ 995

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

Administrative Surcharge \$ 0

Minimum Fee \$ 0

TOTAL FEE \$ 995

Collected by: DCA Training Fee \$ 32

New hall completed - no
Racks or files set up yet
(will be separate contract) J

DIVISION OF INVESTIGATION
400 CHAMBERS STREET
BOSTON, MASS. 02111

CO.

PROPERTY SECTION
2400000
BOSTON
JUL 10 1964

RECEIVED
JUL 10 1964
JUL 10 1964
JUL 10 1964

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
BUILDING
SUBCODE
TECHNICAL SECTION

Date Received 03/06/2000
Date Issued 04/14/2000
Control # C6-75
Permit # 00-1154

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

Block 1170 Lot 5 Qual
Work Site Location 1722 RT 88 COSTCO WHOLESALE

ALTERATIONS

Owner in Fee COSTCO WHOLESALE

Address 999 LAKE DR

ISSAQUAH, WA 98027-

Tele. (425) 313-9100

Contractor FAIRFIELD ASSOCIATION

Address 15 OAK RD

FAIRFIELD, NJ 07004-

Tele. (973) 227-2210 Fax ()

Lic. No. or Bldgs. Reg. No.

Federal Emp. No. 22-2598606

JOB SUMMARY (Office Use Only)

QUANTITIES letter REC.

PLAN REVIEW Date Initial

[] No Plans Req.

[X] All 4/2/00

[] Footing

[] Foundation

[] Frame

[] Other

Joint Plan Review Required:

[] Elect [] Plumb [] Fire

SUBCODE APPROVAL [] Elev

[] CO [] CCO [] CA

Date:

Approved By:

INSPECTIONS

Type

Footing

Foundation

Slab

Frame

BarrierFree

Insulation

Finishes

Energy

Mechanical

TCO

Other

Final

BarrierFree

Dates (Month/Day)

Failure Failure Approval Initial

B. BUILDING CHARACTERISTICS

Use Group Present M Proposed M

Constr. Class Present Proposed

No. of Stories 0

Height of Structure 0 Ft.

Area Largest Floor 0 Sq. Ft.

New Bldg. Area/All Floors 0 Sq. Ft.

Volume of New Structure 0 Cu. Ft.

Total Land Area Disturbed 0 Sq. Ft.

Est. Cost of Bldg. Work:

1. New Bldg. \$ 0

2. Alteration \$ 39,400

3. Total (1+2) \$ 39,400

Industrialized Building:

[] State Approved

[] HUD

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

COSTCO WHOLESALE STORE - INTERIOR ALTERATIONS REMODEL EXISTING TIRE
CENTER TO LIQUOR SALES ADDITION

TYPE OF WORK

[] New Building

[] Addition

[X] Alteration

[] Roofing

[] Siding

[] Fence 0 Height (exceeds 6')

[] Sign 0 Sq. Ft.

[] Pool

[] Asbestos Abatement Subchapter 8

[] Lead Haz. Abatement NJAC 5:17

[] Other

[] Demolition

FEE (Office Use Only)

\$ 0

\$ 0

\$ 995

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

Administrative Surcharge

Minimum Fee

TOTAL FEE

DCA Training Fee

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
BUILDING
SUBCODE
TECHNICAL SECTION

Date Received 03/06/2000
Date Issued 05/14/2000
Control # C6-75
Permit # 00-1154

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

Block 1170 Lot 5 Qual
Work Site Location 1722 RT 88 COSTCO WHOLESALE

ALTERATIONS

Owner in Fee COSTCO WHOLESALE

Address 999 LAKE DR

ISSAQUAH, WA 98027-

Tele (425)313-8100

Contractor FAIRFIELD ASSOCIATION

Address 15 OAK RD

FAIRFIELD, NJ 07004-

Tele (973)227-2210 Fax ()

Lic. No. of Bldgs. Reg. No.

Federal Emp. No. 22-2598606

JOB SUMMARY (Office Use Only)

QUANTAS left in rec.

PLAN REVIEW Date Initial INSPECTIONS Dates (Month/Day) Failure Failure Approval Initial

[] No Plans Req. 4/2/00

[X] All

[] Footing

[] Foundation

[] Frame

[] Other

Joint Plan Review Required:

[] Elect [] Plumb [] Fire

SUBCODE APPROVAL [] Elev

[] CO [] CCO [] CA

Date:

Approved By:

BarrierFree

B. BUILDING CHARACTERISTICS

Use Group Present M

Constr. Class Present

No. of Stories 0

Height of Structure 0 Ft.

Area Largest Floor 0 Sq. Ft.

New Bldg. Area/All Floors 0 Sq. Ft.

Volume of New Structure 0 Cu. Ft.

Total Land Area Disturbed 0 Sq. Ft.

Proposed M

Proposed

0

0

0

0

0

0

Est. Cost of Bldg. Work:

1. New Bldg. \$

2. Alteration \$ 39,400

3. Total (1+2) \$ 39,400

Industrialized Building:

[] State Approved

[] HUD

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

COSTCO WHOLESALE STORE - INTERIOR ALTERATIONS REMODEL EXISTING TIRE CENTER TO LIQUOR SALES ADDITION

TYPE OF WORK

[] New Building

[] Addition

[X] Alteration

[] Roofing

[] Siding

[] Fence 0 Height (exceeds 6')

[] Sign 0 Sq. Ft.

[] Pool

[] Asbestos Abatement Subchapter 8

[] Lead Haz. Abatement NJAC 5:17

[] Other

[] Demolition

FEE (Office Use Only)

\$

0

0

995

0

0

0

0

0

0

0

0

Administrative Surcharge

Minimum Fee

TOTAL FEE

995

32

DCA Training Fee

0

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 03/06/2000
Date Issued 04/14/00
Control # C6-75
Permit # 00-164

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 1170 Lot 5 Sublot
Work Site Location 1722 RT 88 COSTCO WHOLESALE

ALTERATIONS

Owner in Fee COSTCO WHOLESALE
Address 999 LAKE DR

ISSAQUAH, WA 98027-
Tele. (732)842-1877 Fax (732)842-5172

Contractor HUMSON ELECTRIC CO INC
Address 21 ROSALIE AVE

HUMSON, NJ 07760-
Tele. (732)842-1877

Lic. No. or Bids. Reg. No. 8849
Federal Emp. No. 22-1051116

B. ELECTRICAL CHARACTERISTICS

Use Group - Present ☒ M Proposed ☒ M
☐ Pole/Pad ☐ Temporary ☐ Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 5,000

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☒ No Plans Required
Joint Plan Review Required:

INSPECTIONS
Type Failure Dates (Month/Day)
Rough 5-4-00 Initial

☐ Bldg ☐ Plumb
☐ Fire ☐ Elevator

Temp Serv
Const Serv
FCO

☐ Elect Plans Approved
Date: 3-15-00

Other
Service
Final

Approved By: W
SUBCODE APPROVAL

Final

☐ CO ☐ CCO ☒ CCA
Date: 5-8-00

Temp. Cut-in-Card Date Issued
Final Cut-in-Card Date Issued

Approved By: W

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.

Paid ☐ Check #
Collected by:

Administrative Surcharge \$ 0
Minimum Fee \$ 0
TOTAL FEE \$ 35
DCA Training Fee \$ 4

Applicant's Signature/Contractor's Seal and Signature
☐ Licensed Electrical Contractor ☐ Exempt Applicant

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 03/06/2000
Date Issued 04/14/00
Control # C6-75
Permit # 00-164

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

Block 1170 Lot 5 Sublot
Work Site Location 1722 RT 88 COSTCO WHOLESALE

ALTERNATIONS

Owner in Fee COSTCO WHOLESALE
Address 999 LAKE DR

ISSAQUAH, WA 98021-

Tele. (732)842-1877 Fax (732)842-5172

Contractor KUNSON ELECTRIC CO INC

Address 21 ROSALIE AVE

KUNSON, NJ 07760-

Tele. (732)842-1877

Lic. No. or Bldgs. Reg. No. 8849

Federal Emp. No. 22-1351116

B. ELECTRICAL CHARACTERISTICS

Use Group - Present N Proposed N
[] Pole/Pad # [] Temporary [] Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 5,000

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required

[] Joint Plan Review Required:

[] Bldg [] Plumb

[] Fire [] Elevator

[] Elect Plans Approved

Date: 3-15-00

Approved By: [Signature]

SUBCODE APPROVAL

[] CO [] CCO [] CA

Date: _____

Approved By: _____

INSPECTIONS Dates (Month/Day)
Type Failure Failure Approval Initial

Rough

Temp Serv

Const Serv

TCO

Other

Service

Final

Temp. Cut-in-Card Date Issued

Final Cut-in-Card Date Issued

D. TECHNICAL SITE DATA

NO. SIZE

4

8

3

0

0

2

2

1

0

20

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

0

ITEM

Lighting Fixtures

Receptacles

Switches

Detectors

Light Poles

Motors-Frct HP

Emergency & Exit Lights

Communications Points

Alarm Devices/F.A.C. Panel

TOTAL NUMBERS

Pool Permit/With OW Lights

Storable Pool/Spa/Hot Tub

KW Elect Range/Receptacle

KW Oven/Surface Unit

KW Elect Water Heater

KW Elect Dryer/Receptacle

KW Dishwasher

HP Garbage Disposal

KW Central A/C Unit

HP/KW Space Heater/Air Handler

Baseboard Heat

HP Motors 1/+ HP

KW Transformer/Generator

AMP Service

AMP Subpanels

AMP Motor Control Center

KW Elect Sign/Outline Light

Other

Other

FEE (Office Use Only)

Administrative Surcharge \$ 0

Minimum Fee \$ 0

TOTAL FEE \$ 35

DCA Training Fee \$ 4

Applicant's Signature/Contractor's Seal and Signature
[] Licensed Electrical Contractor [] Exempt Applicant

Paid [] Check #
Collected by: _____

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 03/06/2000
Date Issued 04/14/00
Control # C6-75
Permit # 60-1154

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

Block 1170 Lot 5 Qual
Work Site Location 1722 RT 88 COSTCO WHOLESALE

ALTERATIONS

Owner in Fee COSTCO WHOLESALE
Address 999 LAKE DR
ISLANDIA, WA 98027-

Tele. (732)842-1817 Fax (732)842-5172
Contractor KUNSON ELECTRIC CO INC

Address 21 ROSALIE AVE
KUNSON, NJ 07760-

Tele. (732)842-1817
Lic. No. or Bldgs. Reg. No. 8849
Federal Exp. No. 22-1851116

B. ELECTRICAL CHARACTERISTICS

Use Group - Present M Proposed M
☐ Pole/Pad # ☐ Temporary ☐ Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 5,000

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☒ No Plans Required
Joint Plan Review Required:

☐ Rldg ☐ Plumb
☐ Fire ☐ Elevator
☐ Elect Plans Approved

Date: 3-15-00

Approved By: [Signature]

SUBCODE APPROVAL
☐ CO ☐ CCO ☐ CA

Date: _____
Approved By: _____

INSPECTIONS Dates (Month/Day)
Type Failure Failure Approval Initial

Rough			
Temp Serv			
Const Serv			
TCO			
Other			
Service			
Final			
Temp. Cut-in-Card Date Issued			
Final Cut-in-Card Date Issued			

D. TECHNICAL SITE DATA

NO. SIZE

ITEM

Lighting Fixtures	
Receptacles	
Switches	
Detectors	
Light Poles	
Motors-Frct HP	
Emergency & Exit Lights	
Communications Points	
Alarm Devices/F.A.C. Panel	
TOTAL NUMBERS	35
Pool Permit/With OW Lights	
Storable Pool/Spa/Hot Tub	
KW Elect Range/Receptacle	
KW Oven/Surface Unit	
KW Elect Water Heater	
KW Elect Dryer/Receptacle	
KW Dishwasher	
HP Garbage Disposal	
KW Central A/C Unit	
HP/KW Space Heater/Air Handler	
Baseboard Heat	
HP Motors 1/+ HP	
KW Transformer/Generator	
AHP Service	
AHP Subpanels	
AHP Motor Control Center	
KW Elect Sign/Outline Light	
Other	
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.

Applicant's Signature/Contractor's Seal and Signature
☐ Licensed Electrical Contractor ☐ Exempt Applicant

Administrative Surcharge

Paid ☐ Check # _____
Collected by: _____
Minimum Fee \$ _____
TOTAL FEE \$ 35
DCA Training Fee \$ 4

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 04/14/2000
Date Issued 04/14/2000
Control # C6-75
Permit # 00-7154

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

Block 1170 Lot 5 Qual
Work Site Location 1722 RT 88 COSTCO WHOLESALE
ALTERATIONS

Owner in Fee COSTCO WHOLESALE
Address 999 LAKE DR
ISSAQUAH, WA 98027-
Tele. (973) 227-2210 Fax ()
Contractor FAIRFIELD ASSOCIATION
Address 15 OAK RD
FAIRFIELD, NJ 07004-
Tele. (973) 227-2210
Lic. No. or Bldgs. Reg. No.
Federal Emp. No. 22-2598606

B. FIRE PROTECTION CHARACTERISTICS
Use Group Present M Proposed M
Constr Class Present Proposed
Heating Systems [] New [] Existing [] HVAC
Type: [] Gas [] Oil [] Electric [] Solar
[] Other
Location:
Total Est Cost of Fire Prot Work \$ 150

JOBS SUMMARY (Office Use Only)
PLAN REVIEW
[] No Plans Required
Joint Plan Review Required
[] Bidg [] Elect
[] Plumb [] Elevator
Fire Plans Approved
Date: 4-14-00
Approved By: [Signature]
SUBCODE APPROVAL
[] CO [] CCO [] CA
Date: 5-8-00
Approved By: [Signature]

INSPECTIONS
Type Alarm Sys
Failure Failure Approval Initial

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) 0
Supervisory Devices (tamper, low/high air) 0
Signalling Devices (horn/strobes, bells) 0
Other Devices 0
TOTAL 0
Suppression Systems
Fire Pump 0 GPM Type
Dry Pipe/Alarm Valves 0
Pre-action Valves 0
Sprinkler Heads (Dry and Wet) 0
Standpipes 0
Pre-Engineered Systems
Wet Chemical 0
Dry Chemical 0
CO2 Suppression 0
Foam Suppression 0
Halon Suppression 0
Other 0
Kitchen Hood Exhaust System 0
Smoke Control System 0
Gas [] or Oil [] Fired Appliances 0
Other EXIT LIGHT 35
Other 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.
Signature
Paid [] Check \$ Administrative Surcharge \$
Minimum Fee \$
Collected by: TOTAL FEE \$ 35
DCA Training Fee \$ 0

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 04/14/2000
Date Issued 04/14/2000
Control # C6-75
Permit # 00-1154

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

Block 1170 Lot 5 Qual
Work Site Location 1722 RT 88 COSTCO WHOLESALE
ALTERATIONS

Owner in fee COSTCO WHOLESALE
Address 999 LAKE DR
ISSAQUAH, WA 98027-
Tele. (973) 227-2210 Fax ()
Contractor FAIRFIELD ASSOCIATION
Address 15 OAK RD
FAIRFIELD, NJ 07004-
Tele. (973) 227-2210
Lic. No. of Bldrs. Reg. No.
Federal Emp. No. 22-2598606

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present M Proposed M
Constr Class Present Proposed
Heating Systems [] New [] Existing [] HVAC
Type: [] Gas [] Oil [] Electric [] Solar
[] Other
Location:
Total Est Cost of Fire Prot Work \$ 150

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required
Joint Plan Review Required []
[] Bldg [] Elect
[] Plumb [] Elevator
Fire Plans Approved
Date: 4-14-00

Approved By: [Signature]
SUBCODE APPROVAL

[] CO [] CCO [] CA
Date:
Approved By:

INSPECTIONS

Type Alarm Sys
Failure Failure Approval Initial
Suppr Test
Standpipe
Fire Pump
PreEng Sys
Mechanical
Smoke Ctl
TCO
Final
Other

Dates (Month/Day)

Failure Failure Approval Initial

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

FEE (Office Use Only)

Alarm Devices (Smoke, heat, pulls, water/flow) 0
Supervisory Devices (tamper, low/high air) 0
Signalling Devices (horn/strobes, bells) 0
Other Devices 0
TOTAL 0

Suppression Systems

Fire Pump 0 GPM Type
Dry Pipe/Alarm Valves 0
Pre-action Valves 0
Sprinkler Heads (Dry and Wet) 0
Standpipes 0
Pre-Engineered Systems 0

Wet Chemical

Dry Chemical

CO2 Suppression

Foam Suppression

Halon Suppression

Other

Kitchen Hood Exhaust System

Smoke Control System

Gas [] or Oil [] Fired Appliances

Other EXIST LIGHT

Other

Paid [] Check \$

Collected by:

Administrative Surcharge \$ 0
Minimum Fee \$ 0
TOTAL FEE \$ 35
DCA Training Fee \$ 0

Signature

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 04/14/2000
Date Issued 04/14/2000
Control # C6-75
Permit # 00-1154

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING

CONTRACTORS, NOTIFY THIS OFFICE, CALL UTILITY DIG NO: 1-800-272-1000
Block 1170 Lot 5
Work Site Location 1722 RT 88 COSTCO WHOLESALE

ALTERATIONS

Owner in Fee COSTCO WHOLESALE
Address 999 LAKE DR
ISSAQUAH, WA 98027-

Tele. (973) 227-2210 Fax ()
Contractor FAIRFIELD ASSOCIATION

Address 15 OAK RD
FAIRFIELD, NJ 07004-

Tele. (973) 227-2210
Lic. No. of Bldgs. Reg. No.

Federal Emp. No. 22-2398606

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present H Proposed M
Constr Class Present Existing
Heating Systems [] New [] Existing [] HVAC
Type: [] Gas [] Oil [] Elect [] Solar

Location: [] Other
New [] Existing []
Location of Main Control Valve

Total Est Cost of Fire Prot Work \$ 150

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[] No Plans Required
Joint Plan Review Required []
[] Bldg [] Elect
[] Plumb [] Elevator
Fire Plans Approved
Date: 4-14-00

Approved By: [Signature]
SUBCODE APPROVAL

[] CO [] CCO [] CA
Date:

Approved By: [Signature]
SUBCODE APPROVAL

TCO
Mechanical
Smoke Ctl
Final
Other

Approved By: [Signature]
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

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/strobes, bells)

Other Devices

TOTAL

Suppression Systems

Fire Pump 0 GPM Type

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 EXIT LIGHT
Other
Paid [] Check \$
Collected by: \$
Administrative Surcharge \$
Minimum Fee \$
TOTAL FEE \$ 35
DCA Training Fee \$

**OFFICE OF AFFORDABLE HOUSING
CERTIFICATE OF COMPLIANCE**

BLOCK 1160 LOT 5000000 SITE ADDRESS 1160 1st St
TYPE OF SITE Residential / Commercial TYPE OF BUSINESS Auto
APPLICANT Franklin's Auto Sales PHONE NUMBER (714) 241-1111
APPLICANT ADDRESS 1160 1st St CITY & STATE San Francisco, CA
PERMIT # 1160 NAME OF BUSINESS Franklin's Auto Sales

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 \$ 11,600.00 Date 7-1-2011

Estimated Required Fee \$ 11,600.00

Required Deposit on Estimate \$ 2,900.00 Date 7-1-2011

Check # 1991 Receipt # 5434

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

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: 3-7-00

TO: Frederick R. Millman, CTA
Tax Assessor

FROM: Carol A. Wolfe
Affordable Housing Administrator

RE: BLOCK 1170 LOT 5, 6, 10, 11, 12, 15, 16, 17, 18 SITE ADDRESS 1722 Rt. 88

TYPE OF SITE _____ TYPE OF BUSINESS Costco
(Residential/Commercial)

APPLICANT Fairfield Refrigeration CITY & STATE Fairfield, N.J.

☒ 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:

\$ 67,600.00
Frederick R. Millman
Frederick R. Millman, CTA, Tax Assessor
3/8/00
Date

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

\$ 67,600.00
Frederick R. Millman
Frederick R. Millman, CTA, Tax Assessor
5/9/00
Date

**OFFICE OF AFFORDABLE HOUSING
CERTIFICATE OF COMPLIANCE**

BLOCK 1110 LOT 5600000 SITE ADDRESS 1110 N. 95
TYPE OF SITE Residential / Commercial TYPE OF BUSINESS Apartment
APPLICANT THINKFIELD LITIGATION PHONE NUMBER (912) 554-2210
APPLICANT ADDRESS 1500 N. 95 CITY & STATE THINKFIELD, GA
PERMIT # 01-75 NAME OF BUSINESS THINKFIELD LITIGATION

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 \$ 1110.00 Date 2-11-00
Estimated Required Fee \$ 1665.00
Required Deposit on Estimate \$ 442.50 Date 2-15-00
Check # 6899 Receipt # 8854
Actual Assessment \$ _____ Date _____
Actual Required Fee \$ _____
Minus Deposit of Estimate \$ _____
Balance Due \$ 220.00 Date 2-11-00
Check # 123 Receipt # 123
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

JERRY QUINN LEE

ARCHITECT

TRANSMITTAL

TO:	Township of Brick	DATE:	March 30, 2000
		PROJECT:	Costco Wholesale - Liquor Sales
		PROJECT NO:	94-076G
		PHONE:	
		FAX:	732-262-8954
ATTN:	Allison	# PAGES:	1
SUBJECT:	Review Comments	FROM:	John Liacuna

WE ARE SENDING YOU THE FOLLOWING:

- | | | | |
|---|---|--------------------------------------|--|
| ☐ Via Express Delivery | ☐ Via Fax Only | ☐ Copy | ☐ For Approval |
| ☐ Next Day-Morning | ☐ Via Fax and Mail | ☐ Original | ☐ For Information / Use |
| ☐ Next Day-Afternoon | ☐ Via Mail | | ☐ For Review/Comment |
| ☐ Second Day-Afternoon | ☐ Via Courier | ☐ Other _____ | ☐ As Requested |

Notes:

The quantities of liquor that will be stored on the premises are:

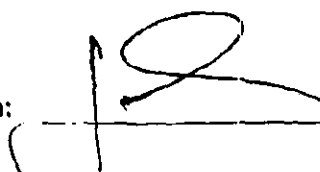
Wine 8100 liters = 2,140 gallons
 18 pallets
 50 cases per pallet
 9 liters per case

Spirits 9000 liters = 2,378 gallons
 20 pallets
 50 cases per pallet
 9 liters per case

Beer 345,300 ounces = 2,700 gallons
 12 pallets
 100 cases per pallet
 288 oz. per case

Please call my direct line at 425-602-4981 if you require additional information or if the permit has been approved.

Thank you,

From:  C:

Privileged and Confidential Information: The information in this facsimile is intended only for the use of the recipient above named. Any wrongful review, dissemination, distribution or copying of this communication is strictly prohibited. If errors occur in transmission, or enclosures are not as noted, please notify us at once.

Document2

BELLEVUE SEATTLE PORTLAND STERLING BOSTON TAIPEI

Jerry Quinn Lee Architect

11820 Northrup Way, #E300 Bellevue, WA 98005 Tel: 425.822.0444 Fax: 425.822.4129

RECEIVED
 MAR 31 2000
 DIV. OF REGULATION

COSTCO WHOLESALE LIQUOR SALES REMODEL

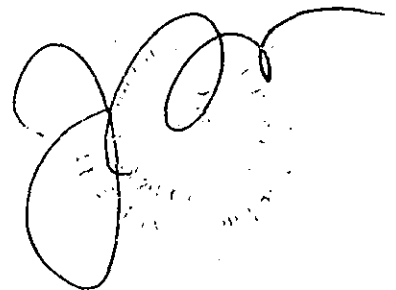
1722 ROUTE 88
BRICK, NEW JERSEY

STRUCTURAL CALCULATIONS

February 17, 2000
ENW Project No. 94136.006

Engineers Northwest
6869 Woodlawn AVE. NE
Seattle, Washington 98115

COMMERCIAL

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke extending to the right.

ENGINEERS - NORTHWEST INC. P.S.

6869 WOODLAWN AVE. N.E. - SUITE 205 - SEATTLE, WA 98115 - (206) 525-7560 - FAX # (206) 522-6698

JOB NO. 94136,006 JOB NAME COSTCO BRICK NJ. DATE 2-15-00
 SUBJECT _____ SHEET _____ OF _____
 BY DMC

FRANK MIZER 732-262-1008
 1722 ROUTE 2-19-99
 FAX - 8954

BRICK, N.J. (TOWNSHIP)
 1996 BOCA 8-330p

$A_a = 0.05, A_v = 0.05$
 SNOW = 20 PSF (GROUND) PRIF
 WIND = 85 MPH EXP. B
 $I = 1.05$
 32" FIRST

MEAN ROOF HEIGHT

$$A = \left[\frac{24 + 23.67}{2} + 12.7 \right] \frac{1}{2}$$

• 25.5 ft

INTERIOR PARTITION WALL

$$F_p = A_v C_e P W_c$$

$$= (0.05)(0.9)(1.0) W_c$$

$$= 0.045 W_c$$

$$= 0.045 (0.078) \text{ B' MASONRY SOLID GROUT}$$

$$= 3.5 \text{ PSF} < 5.0 \text{ USE } 5.0 \text{ PSF MIN}$$

CHECK AS INVERTED PENDULUM

$$= \frac{2.5(0.05)}{2.5 \text{ concrete}} W$$

$$= 0.05 W$$

$$= 0.05(78)$$

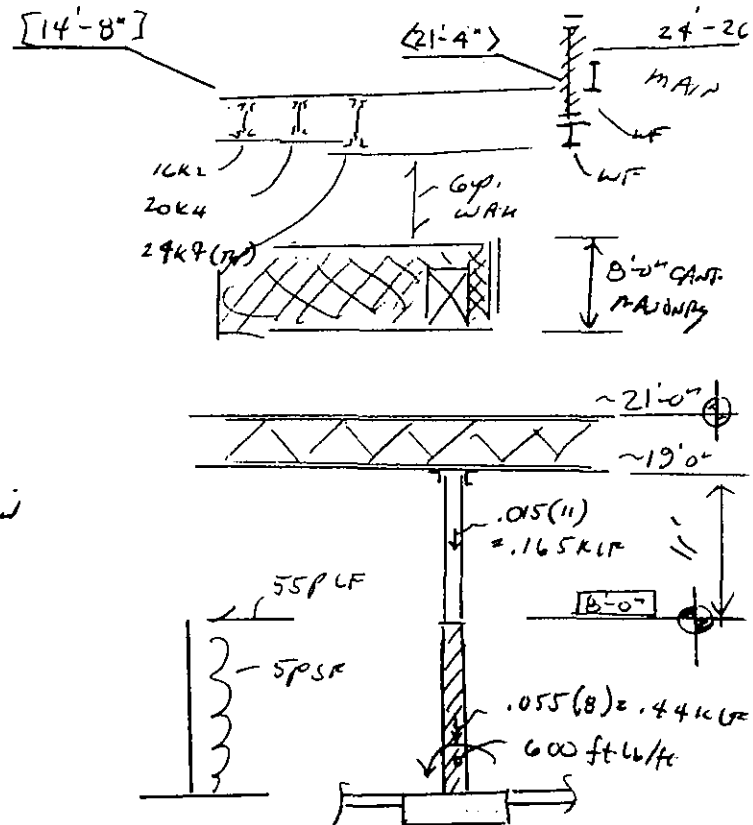
$$= 3.9 \text{ PSF} < 5.0$$

$$M_b = 53(6) + \frac{5(6)^2}{2} = 600 \text{ ft-lb/ft}$$

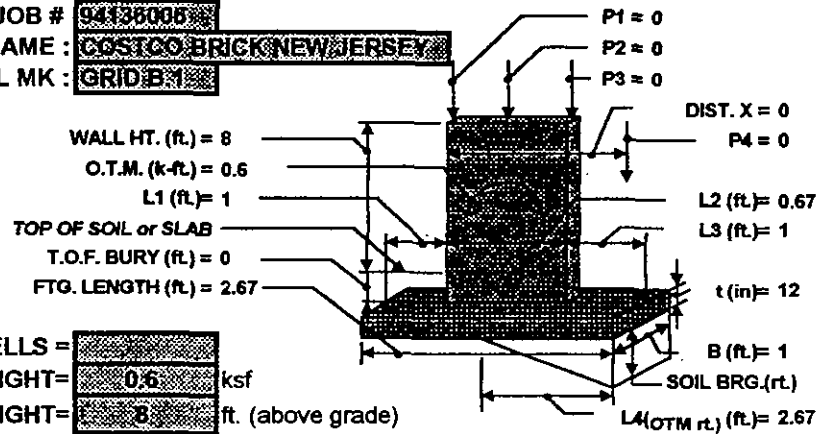
$$b = 12 \quad f_m = 1500 \text{ ← MASONRY}$$

$$d = 5 \quad f_g = 24 \text{ MPa}$$

$$r = 25.8$$



JOB # 94138006
PROJECT NAME : COSTCO B
SHEARWALL MK : GRID B 1



INPUT CELLS =		
WALL WEIGHT =	0.6	ksf
WALL HEIGHT =	8	ft. (above grade)
WALL THICKNESS =	8	inches
FTG. TOE LEFT L1 (ft.) =	1	
WALL LENGTH L2 (ft.) =	0.67	
FTG. TOE RT. L3 (ft.) =	1	
FTG. WIDTH B (ft.) =	1	
FTG. THICKNESS t (in) =	12	
F'c =	3000	psi (conc.)
Fy =	60000	psi (reinf.)
CONCRETE ULTIMATE FACTOR =	1.4	

Vertical loads

P1 =	0	kips @ left end	SUM P1-P4 =	0	kips
P2 =	0	kips @ wall ctr.	WALL DL =	3.22	kips(inc.to T.O.F.)
P3 =	0	kips @ right end	SOIL DL =	0.00	kips (above ftg.)
P4 =	0	kips @ distance x	FTG. DL =	0.40	kips
DISTANCE X =	0	ft. (from left E.O.W.)	SUM LOADS P =	3.6	kips @ B.O.F.
* O.T.M. (inc.wall lateral) =	0.6	kip-ft.(@ B.O.F. or at S.O.G. if all shear leaves the wall @ S.O.G.)			
Is O.T.M. Wind or Eq.? (W or E) =	E	Earthquake controls overturning			
p =	1.15	p only used for earthquake design			

O.T.M. LEFT

** OVERTURNING F.S. =	6.30	F.S. must be >=1.0	6.30	F.S. must be >=1.0
SOIL BRG. qs1 =	0.850	ksf	1.859	ksf
SOIL BRG. qs2 =	1.859	ksf	0.850	ksf
FOOTING CONTACT W/SOIL L4 =	2.67	feet	2.67	feet
MOMENT RESISTING (gross)=	5	k-ft w/o .9 D.L. factor	5	k-ft w/o .9 D.L. factor

O.T.M. RIGHT

Mu^{DESIGN} =	1.4	kip-ft.
BOT. A_s^{REQD} =	0.05	in ² PER FTG.WIDTH @ d = t-4"
Vu^{DESIGN} =	2.69	kips
Vu_{allowable} =	8.94	kips @ d = t-4"(w/o ties)
A_v REQUIRED. =	NOT REQ'D.	in ² /ft. @ d = t-4"
Maximum tie spacing =	NOT REQ'D.	in. o/c = d/2

Page 1

CMU CANTILEVERED PARAPET DESIGN

1994 UBC - Sec. 1630, 2106 & 2107

Input cells are shaded thus :-

Special inspection ? (Y or N) **N**

$f_m = 1500$ psi

$F_y = 60$ ksi

Seismic Zone = **2A**

Is parapet solid grouted ? (Y or N) **N** (for shear)

$E_m = 750 * f_m = 1125$ ksi

$E_s = 29000$ ksi

$n = 25.778$

$k = (2\rho n + (\rho n)^2)^{1/2} - \rho n$

$j = 1 - k/3$

$F_p = Z I C_p W_p$ Sec. 1630.2

$I = 1.0$ Tbl. 16-K

$C_p = 2.0$ Tbl. 16-O

$Z = 0.15$ Tbl. 16-I

$F_p = 0.3$ Wp

$F_p = 23.4$ psf

$f_m = 250$ psi

$F_s = 24$ ksi

WITH VERTICAL REINFORCING @ WALL CENTERLINE

CMU nom. thickness (in.)	CMU weight (psf)	d (in.)	Reinforcing size #	Reinforcing spacing (in. o/c)	ρ	k	j	1.33 K (ksi)	MAXIMUM parapet height (ft.)
8	78	3.75	5	48	0.00172	0.25687	0.9144	0.0391	6.85
8	78	3.75	5	40	0.00207	0.27746	0.9075	0.0420	7.10
8	78	3.75	5	32	0.00258	0.30438	0.8985	0.0456	7.40
8	78	3.75	5	24	0.00344	0.34187	0.8860	0.0505	7.78
8	78	3.75	5	16	0.00517	0.39983	0.8667	0.0578	8.33

WITH VERTICAL REINFORCING EACH FACE (Using openend block)

CMU thickness (in.)	CMU weight (psf)	d (in.)	Reinforcing size #	Reinforcing spacing (in. o/c)	ρ	k	j	1.33 K (ksi)	MAXIMUM parapet height (ft.)
8	78	4.25	5	48	0.00152	0.24346	0.9188	0.0373	7.58
8	78	4.25	5	40	0.00182	0.26319	0.9123	0.0400	7.85
8	78	4.25	5	32	0.00228	0.28905	0.9037	0.0435	8.19
8	78	4.25	5	24	0.00304	0.32517	0.8916	0.0483	8.63
8	78	4.25	5	16	0.00456	0.38133	0.8729	0.0555	9.25

WITH VERTICAL REINFORCING EACH FACE (Input "d" for design)

CMU thickness (in.)	CMU weight (psf)	d (in.)	Reinforcing size #	Reinforcing spacing (in. o/c)	ρ	k	j	1.33 K (ksi)	MAXIMUM parapet height (ft.)
8	78	5	5	48	0.00129	0.22690	0.9244	0.0350	8.64
8	78	5	5	40	0.00155	0.24554	0.9182	0.0376	8.96
8	78	5	5	32	0.00194	0.27003	0.9100	0.0410	9.35
8	78	5	5	24	0.00258	0.30438	0.8985	0.0456	9.86
8	78	5	5	16	0.00388	0.35810	0.8806	0.0526	10.59

ENGINEERS - NORTHWEST INC. P.S.

6869 WOODLAWN AVE. N.E. - SUITE 205 - SEATTLE, WA 98115 - (206) 525-7560 - FAX # (206) 522-6698

JOB NO. 9406006 JOB NAME COSTCO - BRICK N.J. DATE 2-16-00
 SUBJECT DEMISING WALL SHEET OF
 BY DMC

CANTILEVER SCREEN WALL CONT

$$F_b = \frac{1500}{3} = 500 \text{ psf}$$

$$1.33 K = \frac{.6(12)}{12(5)^2} = 24$$

$$\rho = .00082$$

$$A_s = 0.05 \text{ in}^2/\text{ft}$$

$$\text{try } e \rightarrow d = 3.5$$

$$1.33 K = 49$$

$$\rho = .00163$$

$$= 0.07 \text{ in}^2/\text{ft} \quad \#5 \text{ E.F. } 32''$$

$$\rho = .0019 > .00082$$

CHECK FOR JAMB

$$M = 0.6 \left(\frac{3.33}{2} + 2 \right)$$

$$= 2.2 K \cdot \text{ft}$$

$$b = 24$$

$$d = 5$$

$$1.33 K = 100$$

$$\rho = .00426 \rightarrow A_s = 0.52$$

USE 2# 5V. E.F.

ENGINEERS NORTHWEST, INC.P.S.
6869 WOODLAWN AVE.N.E. (SUITE 205)
SEATTLE,WA. 98115

SHEET _____ OR _____

420	24000	38.489	0.00172	0.19610	10.9123	51.318
430	24000	40.102	0.00179	0.19983	10.7226	53.470
440	24000	41.740	0.00187	0.20353	10.5415	55.653
450	24000	43.401	0.00194	0.20720	10.3685	57.867
460	24000	45.084	0.00202	0.21084	10.2031	60.112
470	24000	46.791	0.00210	0.21444	10.0448	62.387
480	24000	48.519	0.00218	0.21800	9.8930	64.692
490	24000	50.269	0.00226	0.22154	9.7476	67.025
500	24000	52.040	0.00234	0.22504	9.6079	69.387
500	23000	53.631	0.00253	0.23255	9.3229	71.509
500	22000	55.322	0.00273	0.24058	9.0380	73.762
500	21000	57.121	0.00297	0.24918	8.7533	76.161
500	20000	59.040	0.00323	0.25842	8.4688	78.720
500	19000	61.091	0.00353	0.26837	8.1845	81.455
500	18000	63.288	0.00388	0.27912	7.9004	84.384
500	17000	65.646	0.00428	0.29076	7.6186	87.528
500	16000	68.184	0.00474	0.30342	7.3331	90.912
500	15000	70.922	0.00529	0.31723	7.0500	94.563
500	14000	73.885	0.00594	0.33236	6.7672	98.514
500	13000	77.101	0.00671	0.34901	6.4850	102.802
500	12000	80.602	0.00765	0.36740	6.2033	107.470
500	11000	84.427	0.00881	0.38785	5.9223	112.569
500	10000	88.620	0.01027	0.41071	5.6421	118.160
500	9000	93.234	0.01212	0.43642	5.3629	124.312
500	8000	98.331	0.01455	0.46558	5.0849	131.108
500	7000	103.984	0.01782	0.49891	4.8084	138.646
500	6000	110.279	0.02239	0.53738	4.5339	147.039
500	5000	117.314	0.02911	0.58227	4.2621	156.419
500	4000	125.199	0.03971	0.63535	3.9937	166.932
500	3000	134.044	0.05826	0.69908	3.7301	178.726
500	2000	143.942	0.09713	0.77702	3.4736	191.922
500	1000	154.898	0.21863	0.87452	3.2279	206.531

IS MASONRY SPECIAL INSPECTED?

INPUT (YES OR NO) : **YES**

$f_m = 1500$ psi

$f_s = 24000$ psi

$E_s = 29000000$ psi

$E_m = 1387 \times f_m = 2080500$ psi

$n = 13.939$

CODE :- 1993 BOCA

1900psi UNITS &

TYPE "S" MORTAR

$f_m = 500$ psi

$K = 12M/bd^2$

$A_s = pbd$

$j = 1-k/3$

f_m	f_s	K	p	k	$2/(j \cdot k)$	$1.33 \cdot K$
60	24000	0.999	0.00004	0.03367	60.0673	1.332
70	24000	1.350	0.00006	0.03907	51.8696	1.799
80	24000	1.750	0.00007	0.04440	45.7215	2.333
90	24000	2.198	0.00009	0.04967	40.9400	2.931
100	24000	2.694	0.00011	0.05489	37.1150	3.592
110	24000	3.237	0.00014	0.06005	33.9856	4.316
120	24000	3.824	0.00016	0.06515	31.3780	5.099
130	24000	4.456	0.00019	0.07020	29.1718	5.942
140	24000	5.132	0.00022	0.07520	27.2809	6.842
150	24000	5.850	0.00025	0.08014	25.6422	7.800
160	24000	6.609	0.00028	0.08503	24.2085	8.812
170	24000	7.409	0.00032	0.08986	22.9436	9.879
180	24000	8.250	0.00035	0.09465	21.8194	10.999
190	24000	9.129	0.00039	0.09938	20.8136	12.172
200	24000	10.046	0.00043	0.10407	19.9086	13.395
210	24000	11.001	0.00048	0.10871	19.0898	14.668
220	24000	11.992	0.00052	0.11330	18.3455	15.989
230	24000	13.019	0.00056	0.11784	17.6660	17.359
240	24000	14.082	0.00061	0.12234	17.0433	18.776
250	24000	15.179	0.00066	0.12679	16.4704	20.238
260	24000	16.309	0.00071	0.13119	15.9417	21.746
270	24000	17.473	0.00076	0.13556	15.4522	23.298
280	24000	18.669	0.00082	0.13987	14.9978	24.893
290	24000	19.897	0.00087	0.14415	14.5748	26.530
300	24000	21.157	0.00093	0.14838	14.1800	28.209
310	24000	22.446	0.00099	0.15257	13.8107	29.928
320	24000	23.766	0.00104	0.15672	13.4646	31.688
330	24000	25.115	0.00111	0.16083	13.1395	33.487
340	24000	26.493	0.00117	0.16491	12.8336	35.324
350	24000	27.899	0.00123	0.16894	12.5453	37.199
360	24000	29.333	0.00130	0.17293	12.2730	39.110
370	24000	30.794	0.00136	0.17688	12.0154	41.058
380	24000	32.281	0.00143	0.18080	11.7715	43.042
390	24000	33.795	0.00150	0.18468	11.5401	45.060
400	24000	35.335	0.00157	0.18852	11.3203	47.113
410	24000	36.899	0.00164	0.19233	11.1113	49.199

Company : ENW
 Designer : DML
 Job Number : 64136006

February 16, 2000

COSTCO BRICK NEW JERSEY

Checked By: _____

Reactions, LC 2 : DL+SNOW

Joint Label	X Force (K)	Y Force (K)	Z Force (K)	X Moment (K-ft)	Y Moment (K-ft)	Z Moment (K-ft)
N1	0.988	0.206	0.000	0.000	0.000	0.000
N4	-0.988	1.331	0.000	0.000	0.000	0.000
Reaction Totals :	0.000	1.538	0.000			

Center of Gravity Coords (X,Y,Z) (Ft) :

1.931

2.014

0.000

$0.206^{\uparrow}$ $0.988^{\leftarrow}$

$1.31^{\uparrow}$ $0.988^{\rightarrow}$

HILTI HY150

ER 5197 (ICD0 JULY 1, 1999)

EMBED 5"

90°

$T = 2.265^{\text{in}}$

$V = 2.015^{\text{in}}$ (4" MIN EMBED DIST)

$$\text{Covis} = \frac{1.31}{2.015} + \frac{0.988}{2.265} = 1.086 \approx 1.0$$

OK
 FOR 12" EMBED DIST. min

Company : ENW
 Designer : DML
 Job Number : 64136006

COSTCO BRICK NEW JERSEY

February 16, 2000

Checked By: _____

Basic Load Case Data

BLC No.	Basic Load Case Description	Category Code	Category Description	Nodal	Load Type Point	Totals Distributed	Surface
1	DL	DL	Dead Load			1	
2	SNOW	RLL	Roof Live Load			1	
3	WIND	WL	Wind Load			1	

Boundary Conditions

Joint Label	X Translation (K/in)	Y Translation (K/in)	Z Translation (K/in)	MX Rotation (K-ft/rad)	MY Rotation (K-ft/rad)	MZ Rotation (K-ft/rad)
N1	Reaction	Reaction	Reaction		Reaction	
N4	Reaction	Reaction	Reaction			

Member Distributed Loads, Category : DL, BLC 1 : DL

Member Label	I Joint	J Joint	Load Pattern Label	Pattern Multiplier
M3	N3	N4	UNIFORM ✓	-.06 ✓

Member Distributed Loads, Category : RLL, BLC 2 : SNOW

Member Label	I Joint	J Joint	Load Pattern Label	Pattern Multiplier
M3	N3	N4	SLOPE ✓	1 ✓

Member Distributed Loads, Category : WL, BLC 3 : WIND

Member Label	I Joint	J Joint	Load Pattern Label	Pattern Multiplier
M3	N3	N4	UNIFORM ✓	.252 ✓

Distributed Load Patterns

Pattern Label	Direction	Start Magnitude (K/ft, F)	End Magnitude (K/ft, F)	Start Location (Ft or %)	End Location (Ft or %)
SLOPE	Y	-.237	-.315	0	0
UNIFORM	Y	1	1	0	0

Global

Steel Code	AISC 9th Edition ASD
Allowable Stress Increase Factor (ASIF)	1.333
Include Shear Deformation	Yes
Include Warping	Yes
No. of Sections for Member Calcs	5
Redesign Sections	No
P-Delta Analysis Tolerance	0.50%
Vertical Axis	Y

For DRIFTED SNOW

Load Combinations

Nun	Description	Env	WS	PD	SRSS	CD	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
1	DL	y		y		1	1	1						
2	DL+SNOW	y		y		1	1	1	2	1				

Company : ENW
 Designer : DML
 Job Number : 64136006

COSTCO BRICK NEW JERSEY

February 16, 2000

Checked By: _____

Load Combinations (continued)

Num	Description	Env	WS	PD	SRSS	CD	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
3	.9DL+WIND UP	y	y	y		1	1	.9			3	1		

Materials (General)

Material Label	Young's Modulus (Ksi)	Shear Modulus (Ksi)	Poisson's Ratio	Thermal Coef. (per 10 ⁻⁵ F)	Weight Density (K/ft ³)	Yield Stress (Ksi)
STL	29000	11154	.3	.65	.49	36

Member Data

Member Label	I Node	J Node	K Node	X-Axis Rotate (degrees)	Section Set	End Releases I-End J-End xyz xyz	End Offsets I-End J-End (In) (In)	Inactive Code	Member Length (Ft)
M1	N1	N2			SEC1				4
M2	N2	N3			SEC1				1
M3	N3	N4			SEC1				4.472

Member Deflection

Member Label	Section		x-Translate (In)	Lc	y-Translate (In)	Lc	z-Translate (In)	Lc	x-Rotate (radians)	Lc	(n) L/y Ratio	Lc	(n) L/z Ratio	Lc
M1	1	max	0	1	0	1	0	1	0	1	NC		NC	
		min	0	1	0	1	0	1	0	1	NC		NC	
	2	max	0	3	0.034	3	0	1	0	1	2730.565	3	NC	
		min	0	2	-0.061	2	0	1	0	1	1513.537	2	NC	
	3	max	0	3	0.062	3	0	1	0	1	1700.768	3	NC	
		min	-0.001	2	-0.109	2	0	1	0	1	947.963	2	NC	
	4	max	0.001	3	0.075	3	0	1	0	1	1934.96	3	NC	
		min	-0.001	2	-0.132	2	0	1	0	1	1086.438	2	NC	
	5	max	0.001	3	0.067	3	0	1	0	1	NC		NC	
		min	-0.001	2	-0.118	2	0	1	0	1	NC		NC	
M2	1	max	0.067	3	0.001	2	0	1	0	1	NC		NC	
		min	-0.118	2	-0.001	3	0	1	0	1	NC		NC	
	2	max	0.067	3	0.013	2	0	1	0	1	1042.511	2	NC	
		min	-0.118	2	-0.007	3	0	1	0	1	1841.099	3	NC	
	3	max	0.067	3	0.027	2	0	1	0	1	476.542	2	NC	
		min	-0.118	2	-0.015	3	0	1	0	1	839.522	3	NC	
	4	max	0.067	3	0.042	2	0	1	0	1	299.585	2	NC	
		min	-0.118	2	-0.024	3	0	1	0	1	526.796	3	NC	
	5	max	0.067	3	0.057	2	0	1	0	1	217.486	2	NC	
		min	-0.118	2	-0.032	3	0	1	0	1	381.861	3	NC	
M3	1	max	0.001	3	0.074	3	0	1	0	1	NC		NC	
		min	-0.002	2	-0.131	2	0	1	0	1	NC		NC	
	2	max	0.001	3	0.103	3	0	1	0	1	1146.317	3	NC	
		min	-0.001	2	-0.18	2	0	1	0	1	655.118	2	NC	
	3	max	0.001	3	0.101	3	0	1	0	1	839.378	3	NC	
		min	-0.001	2	-0.178	2	0	1	0	1	478.193	2	NC	
	4	max	0	3	0.083	3	0	1	0	1	1195.914	3	NC	
		min	0	2	-0.112	2	0	1	0	1	678.712	2	NC	
	5	max	0	1	0	1	0	1	0	1	NC		NC	
		min	0	1	0	1	0	1	0	1	NC		NC	

Company : ENW
 Designer : DML
 Job Number : 64136006

COSTCO BRICK NEW JERSEY

February 16, 2000

Checked By: _____

Steel Design / NDS Parameters

Member Label	Section Set	Length (Ft)	Lb y-y le2 (Ft)	Lb z-z le1 (Ft)	L_comp le_bend (Ft)	K y-y	K z-z	Cm y-y CH	Cm z-z	Cb B	Sway y z
M1	SEC1	4				1.	1.				
M2	SEC1	1				1.	1.				
M3	SEC1	4.472	1	1	1	1.	1.				

Envelope Member Section Forces

Member Label	Section	Axial (K)	Lc	Shear y-y (K)	Lc	Shear z-z (K)	Lc	Torque (K-ft)	Lc	Moment y-y (K-ft)	Lc	Moment z-z (K-ft)	Lc
M1	1 max	0.988	2	0.209	2	0	1	0	1	0	1	0	1
	1 min	-0.567	3	-0.11	3	0	1	0	1	0	1	0	1
	2 max	0.988	2	0.205	2	0	1	0	1	0.146	2	0.079	3
	2 min	-0.567	3	-0.113	3	0	1	0	1	-0.079	3	-0.146	2
	3 max	0.988	2	0.201	2	0	1	0	1	0.29	2	0.16	3
	3 min	-0.567	3	-0.117	3	0	1	0	1	-0.16	3	-0.29	2
	4 max	0.988	2	0.198	2	0	1	0	1	0.431	2	0.244	3
	4 min	-0.567	3	-0.12	3	0	1	0	1	-0.244	3	-0.431	2
M2	5 max	0.988	2	0.194	2	0	1	0	1	0.569	2	0.33	3
	5 min	-0.567	3	-0.123	3	0	1	0	1	-0.33	3	-0.57	2
	1 max	0.191	2	0.567	3	0	1	0	1	0.569	2	0.33	3
	1 min	-0.124	3	-0.989	2	0	1	0	1	-0.33	3	-0.57	2
	2 max	0.191	2	0.567	3	0	1	0	1	0.394	2	0.23	3
	2 min	-0.125	3	-0.989	2	0	1	0	1	-0.23	3	-0.395	2
	3 max	0.19	2	0.567	3	0	1	0	1	0.22	2	0.13	3
	3 min	-0.126	3	-0.989	2	0	1	0	1	-0.129	3	-0.22	2
M3	4 max	0.189	2	0.567	3	0	1	0	1	0.045	2	0.029	3
	4 min	-0.127	3	-0.989	2	0	1	0	1	-0.029	3	-0.045	2
	5 max	0.188	2	0.567	3	0	1	0	1	0.071	3	0.13	2
	5 min	-0.127	3	-0.989	2	0	1	0	1	-0.13	2	-0.071	3
	1 max	0.45	3	0.612	2	0	1	0	1	0.13	2	0.071	3
	1 min	-0.799	2	-0.367	3	0	1	0	1	-0.071	3	-0.13	2
	2 max	0.548	3	0.302	2	0	1	0	1	0.492	2	0.284	3
	2 min	-0.955	2	-0.172	3	0	1	0	1	-0.284	3	-0.493	2
	3 max	0.645	3	0.022	3	0	1	0	1	0.601	2	0.344	3
	3 min	-1.12	2	-0.028	2	0	1	0	1	-0.343	3	-0.603	2
	4 max	0.742	3	0.217	3	0	1	0	1	0.443	2	0.249	3
	4 min	-1.294	2	-0.377	2	0	1	0	1	-0.248	3	-0.443	2
	5 max	0.84	3	0.412	3	0	1	0	1	0	1	0	1
	5 min	-1.479	2	-0.746	2	0	1	0	1	0	1	0	1

Sections

Section Label	Database Shape	Material Label	Area (In) ²	SA(yy)	SA(zz)	I y-y (In ⁴)	I z-z (In ⁴)	J (Torsion) (In ⁴)	T/C Only
SEC1	L3X3X3	STL	1.09	1.2	1.2	.96	.962	.014	

Company : ENW
 Designer : DML
 Job Number : 64136006

COSTCO BRICK NEW JERSEY

February 16, 2000

Checked By: _____

Envelope Member Section Stresses

Member Label	Section		Axial		Shear y-y		Shear z-z		Bending y-top		Bending y-bot		Bending z-top		Bending z-bot	
			(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc
M1	1	max	0.906	2	0.445	2	0	1	0	1	0	1	0	1	0	1
		min	-0.521	3	-0.235	3	0	1	0	1	0	1	0	1	0	1
	2	max	0.906	2	0.437	2	0	1	2.353	2	1.269	3	4.667	2	2.834	3
		min	-0.521	3	-0.242	3	0	1	-1.271	3	-2.351	2	-2.52	3	-5.249	2
	3	max	0.906	2	0.429	2	0	1	4.664	2	2.577	3	9.25	2	5.753	3
		min	-0.521	3	-0.249	3	0	1	-2.579	3	-4.66	2	-5.115	3	-10.405	2
	4	max	0.906	2	0.421	2	0	1	6.933	2	3.922	3	13.749	2	8.757	3
		min	-0.521	3	-0.256	3	0	1	-3.926	3	-6.927	2	-7.785	3	-15.466	2
	5	max	0.906	2	0.414	2	0	1	9.159	2	5.305	3	18.165	2	11.846	3
		min	-0.521	3	-0.263	3	0	1	-5.31	3	-9.151	2	-10.531	3	-20.433	2
M2	1	max	0.176	2	1.21	3	0	1	9.159	2	5.305	3	18.165	2	11.846	3
		min	-0.114	3	-2.109	2	0	1	-5.31	3	-9.151	2	-10.531	3	-20.433	2
	2	max	0.175	2	1.21	3	0	1	6.348	2	3.694	3	12.589	2	8.248	3
		min	-0.115	3	-2.109	2	0	1	-3.697	3	-6.342	2	-7.332	3	-14.16	2
	3	max	0.174	2	1.21	3	0	1	3.536	2	2.083	3	7.013	2	4.65	3
		min	-0.115	3	-2.109	2	0	1	-2.084	3	-3.533	2	-4.134	3	-7.888	2
	4	max	0.173	2	1.21	3	0	1	0.724	2	0.471	3	1.437	2	1.052	3
		min	-0.116	3	-2.109	2	0	1	-0.472	3	-0.724	2	-0.935	3	-1.616	2
	5	max	0.172	2	1.21	3	0	1	1.141	3	2.085	2	2.263	3	4.656	2
		min	-0.117	3	-2.109	2	0	1	-2.087	2	-1.14	3	-4.139	2	-2.546	3
M3	1	max	0.413	3	1.306	2	0	1	2.087	2	1.14	3	4.139	2	2.546	3
		min	-0.733	2	-0.783	3	0	1	-1.141	3	-2.085	2	-2.263	3	-4.656	2
	2	max	0.503	3	0.644	2	0	1	7.922	2	4.566	3	15.712	2	10.194	3
		min	-0.876	2	-0.367	3	0	1	-4.57	3	-7.915	2	-9.063	3	-17.674	2
	3	max	0.592	3	0.048	3	0	1	9.685	2	5.518	3	19.207	2	12.319	3
		min	-1.027	2	-0.06	2	0	1	-5.522	3	-9.677	2	-10.952	3	-21.606	2
	4	max	0.681	3	0.463	3	0	1	7.127	2	3.996	3	14.134	2	8.921	3
		min	-1.188	2	-0.805	2	0	1	-3.999	3	-7.121	2	-7.931	3	-15.899	2
	5	max	0.77	3	0.878	3	0	1	0	1	0	1	0	1	0	1
		min	-1.357	2	-1.592	2	0	1	0	1	0	1	0	1	0	1

Envelope Member Section Torsion

Member Label	Section		Torque		Torsion Shear		y-y Warp Shear		z-z Warp Shear		z-Bot Warp Bend		z-Top Warp Bend	
			(K-ft)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc
M1	1	max	0	1	0	1	No Warping Calculations...							
		min	0	1	0	1								
	2	max	0	1	0	1								
		min	0	1	0	1								
	3	max	0	1	0	1								
		min	0	1	0	1								
	4	max	0	1	0	1								
		min	0	1	0	1								
	5	max	0	1	0	1								
		min	0	1	0	1								
M2	1	max	0	1	0	1	No Warping Calculations...							
		min	0	1	0	1								
	2	max	0	1	0	1								
		min	0	1	0	1								

Company : ENW
 Designer : DML
 Job Number : 64136006

COSTCO BRICK NEW JERSEY

February 16, 2000

Checked By: _____

Envelope Member Section Torsion, (continued)

Member Label	Section	Torque (K-ft)	Lc	Torsion Shear (Ksi)	Lc	y-y Warp Shear (Ksi)	Lc	z-z Warp Shear (Ksi)	Lc	z-Bot Warp Bend (Ksi)	Lc	z-Top Warp Bend (Ksi)	Lc
M3	3 max	0	1	0	1								
	3 min	0	1	0	1								
	4 max	0	1	0	1								
	4 min	0	1	0	1								
	5 max	0	1	0	1								
	5 min	0	1	0	1								
	1 max	0	1	0	1	No Warping Calculations...							
	1 min	0	1	0	1								
	2 max	0	1	0	1								
	2 min	0	1	0	1								
	3 max	0	1	0	1								
	3 min	0	1	0	1								
	4 max	0	1	0	1								
	4 min	0	1	0	1								
	5 max	0	1	0	1								
	5 min	0	1	0	1								

Joint Coordinates

Joint Label	X Coordinate (Ft)	Y Coordinate (Ft)	Z Coordinate (Ft)	Joint Temperature (F)
N1	0	0	0	0
N2	4	0	0	0
N3	4	1	0	0
N4	0	3	0	0

Envelope Joint Displacements

Joint Label		X Translate (In)	Lc	Y Translate (In)	Lc	Z Translate (In)	Lc	X Rotate (radians)	Lc	Y Rotate (radians)	Lc	Z Rotate (radians)	Lc
N1	max	0.000	3	0.000	3	0.000	1	0.000	1	0.000	1	0.003	3
	min	0.000	2	0.000	2	0.000	1	0.000	1	0.000	1	-0.005	2
N2	max	0.001	3	0.067	3	0.000	1	0.000	1	0.000	1	0.003	2
	min	-0.001	2	-0.118	2	0.000	1	0.000	1	0.000	1	-0.002	3
N3	max	0.032	3	0.067	3	0.000	1	0.000	1	0.000	1	0.005	2
	min	-0.057	2	-0.118	2	0.000	1	0.000	1	0.000	1	-0.003	3
N4	max	0.000	2	0.000	3	0.000	1	0.000	1	0.000	1	0.005	3
	min	0.000	3	0.000	2	0.000	1	0.000	1	0.000	1	-0.009	2

Envelope Reactions

Joint Label		X Force (K)	Lc	Y Force (K)	Lc	Z Force (K)	Lc	X Moment (K-ft)	Lc	Y Moment (K-ft)	Lc	Z Moment (K-ft)	Lc
N1	max	0.988	2	0.206	2	0.000	1	0.000	1	0.000	1	0.000	1
	min	-0.567	3	-0.111	3	0.000	1	0.000	1	0.000	1	0.000	1
N4	max	0.567	3	1.331	2	0.000	1	0.000	1	0.000	1	0.000	1
	min	-0.988	2	-0.743	3	0.000	1	0.000	1	0.000	1	0.000	1

Company : ENW
 Designer : DML
 Job Number : 64136006

COSTCO BRICK NEW JERSEY

February 16, 2000

Checked By: _____

Envelope Reactions, (continued)

Joint Label	X Force		Y Force		Z Force		X Moment		Y Moment		Z Moment	
	(K)	Lc	(K)	Lc	(K)	Lc	(K-ft)	Lc	(K-ft)	Lc	(K-ft)	Lc
Reaction Totals :	max	0.000	3	1.538	2	0.000	1					
	min	0.000	2	-0.854	3	0.000	1					

Envelope Member AISC ASD 9th Code Checks

Member Label	Code Chk	Loc (Ft)	Lc	Shear Chk	Loc (Ft)	Dir	Lc	Fa (Ksi)	Fb y-y (Ksi)	Fb z-z (Ksi)	ASD Eqn.
M1	0.063	0	2	0.031	0	y	2	14.30	Code	check based on z-z Axial ONLY -	
M2	0.009	0	2	0.146	0	y	2	18.80	Code	check based on z-z Axial ONLY -	
M3	0.063	4.472	2	0.111	4.472	y	2	18.80	Code	check based on z-z Axial ONLY -	

Company : ENW
Designer : DML
Job Number : 64136006

COSTCO BRICK NEW JERSEY

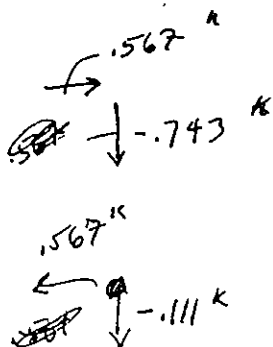
February 16, 2000

Checked By: _____

Reactions, LC 3 : .9DL+WIND UP

Joint Label	X Force (K)	Y Force (K)	Z Force (K)	X Moment (K-ft)	Y Moment (K-ft)	Z Moment (K-ft)
N1	-0.567	-0.111	0.000	0.000	0.000	0.000
N4	0.567	-0.743	0.000	0.000	0.000	0.000
Reaction Totals :	0.000	-0.854	0.000			

Center of Gravity Coords (X,Y,Z) (Ft) :	1.992	2.037	0.000
---	-------	-------	-------



JOB NO. 94136.006 JOB NAME CUSTCO - BRICK NJ DATE 2-16-00
SUBJECT Away SHEET OF
BY DML

$$V = \frac{4}{44} (41.8) = 150 \text{ L}$$

LOCATION :-

MASONRY LINTELS (SINGLE ANGLE) **WITH SUPERIMPOSED LOADS (Vertical loads only)**

INPUT

MASONRY WEIGHT = 80 psf

DESIGN OPENING = 6.67 ft.

Input angle thus:- L3 1/2X3 1/2X7/16

OUTPUT

VERTICAL ANGLE LEG = 6 in.

HORIZONTAL ANGLE LEG = 3 1/2 in.

ANGLE THICKNESS = 5/16 in.

ANGLE WEIGHT = 9.8 plf

$I_x = 10.9$ in.⁴

$S_x = 2.73$ in.³

$I_y = 2.85$ in.⁴

$A = 2.87$ in.²

$x = 0.763$ in.

$y = 2.01$ in.

TOTAL MASONRY WT. = 1540 lb.

TOTAL ANGLE WT. = 65 lb.

$J = 0.0935$ in.⁴

$C = 0.2009$

$I_p = 24.7$ in.⁴

$f_{cr} = 43.62$ ksi

$f_u = 25.67$ ksi

$F_{b1} = f_u / 1.3 = 19.75$ ksi (Dead Load)

ANGLE DEFLECTION = 0.043 in.

$L / 1863$ OK ≥ 600

ANGLE MOMENT = 21.18 kip-in.

ANGLE $f_b = 7.76$ ksi OK $\leq F_{b1}$

$f_b / F_{b1} = 0.393$ OK ≤ 1.00

$1 - f_b / F_{b1} = 0.607$ LEFT FOR SUPERIMPOSED LOADS

F_{b2} (superimposed load) = 15.10 ksi ($f_u / 1.7$) (Dead & Live Loads)

MOMENT (superimposed) = 25.021 kip-in.

P (superimposed) = 1.251 kips

P (superimposed) = 2.678 kips

P (superimposed) = 1.251 kips

OR

w (superimposed) = 0.375 kips/ft.

w (superimposed) = 0.643 kips/ft.

w (superimposed) = 0.375 kips/ft.

$E = 29000000$ psi

$\nu = 0.27$ = POISSONS RATIO

$G = 11417323$ = $E / 2(1 + \nu)$

b = ANGLE LEG WIDTH MINUS HALF LEG THICKNESS

t = ANGLE LEG THICKNESS

L = ANGLE LENGTH = DESIGN OPENING (to ctr. of bearing)

$J = \sum (b)^3 t^3 / 3$

$I_p = I_x + I_y + A[(x-t/2)^2 + (y-t/2)^2]$

$C = \sum (b)^3 t^3 / 36$

$F_y = 36,000$ psi

Area of load to angle

60° Angles

CLR. OPENING

Sect. a

LINTEL ANGLE (LLV)

DESIGN OPENING = 6.667 ft.

CHOOSE EITHER THE POINT OR UNIFORM Additional LOAD IN THE 60 DEGREE TRIANGLE SHOWN ABOVE

From : - March 1981 ASCE - Civil Engineering

COSTCO WHOLESALE LIQUOR SALES REMODEL

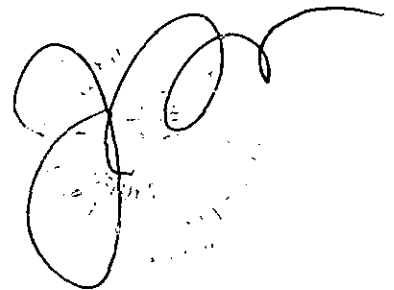
1722 ROUTE 88
BRICK, NEW JERSEY

STRUCTURAL CALCULATIONS

February 17, 2000
ENW Project No. 94136.006

Engineers Northwest
6869 Woodlawn AVE. NE
Seattle, Washington 98115

COMMERCIAL

A handwritten signature in black ink, consisting of several loops and a long trailing line, located in the bottom right corner of the page.

ENGINEERS - NORTHWEST INC. P.S.

6869 WOODLAWN AVE. N.E. - SUITE 205 - SEATTLE, WA 98115 - (206) 525-7560 - FAX # (206) 522-6698

JOB NO. 94136,006 JOB NAME COSTCO BRICK N.J. DATE 2-15-00
 SUBJECT _____ SHEET _____ OF _____
 BY DML

MEAN ROOF HEIGHT

$$A = \left[\frac{24 + 23.67}{2} + 12.7 \right] \frac{1}{2}$$

= 25.5 ft

FRANK MIZER 732-262-1008
 1722 ROUTE 2-19-99
 FAX - 8954

BRICK, N.J. (TOWNSHIP)
 1996 BOCA 8-330p

$A_a = 0.05$, $A_v = 0.05$
 SNOW = 20 PSF (GROUND) DRIFT
 WIND = 85 MPH EXP. B
 $I = 1.05$
 32" FRIST

INTERIOR PARTITION WALL

$$F_p = A_v C_e P W_c$$

$$= (0.05)(0.9)(1.0) W_c$$

$$= 0.045 W_c$$

$$= 0.045 (1.078) \text{ B' MASONRY SOLID BRICK}$$

$$= 3.5 \text{ PSF} < 5.0 \text{ USE } 5.0 \text{ PSF MIN}$$

CHECK AS INVERTED PENDULUM

$$= \frac{2.5(0.05)}{2.5 \text{ concrete}} W$$

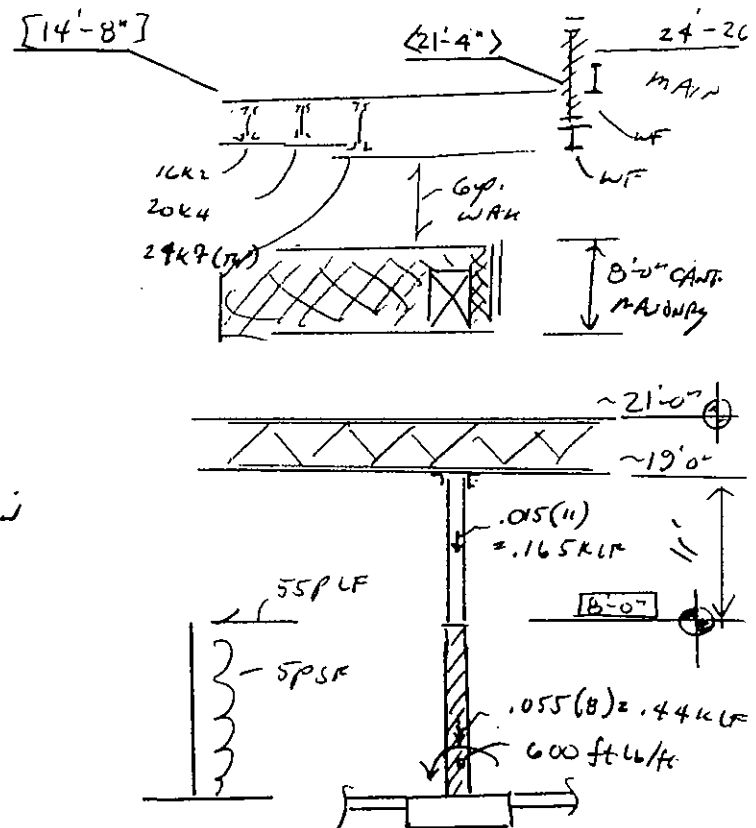
$$= 0.05 W$$

$$= 0.05 (70)$$

$$= 3.9 \text{ PSF} < 5.0$$

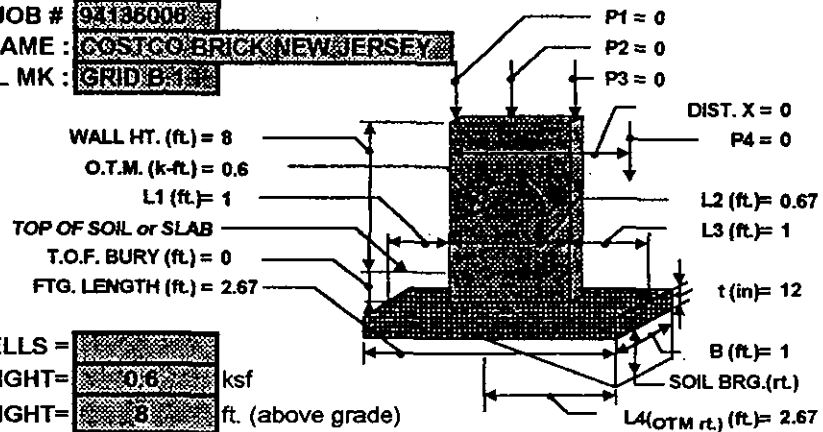
$$M_b = 55(6) + \frac{5(6)^2}{2} = 600 \text{ ft-lb/ft}$$

$b = 12$ $f_m = 1500$ ← MASONRY
 $d = 5$ $f_g = 24 \text{ MPa}$
 $r = 25.8$



SHEARWALL FOOTING

JOB # 94135008
PROJECT NAME : COSTCO BRICK NEW JERSEY
SHEARWALL MK : GRID B-13



INPUT CELLS =	
WALL WEIGHT =	0.6 ksf
WALL HEIGHT =	8 ft. (above grade)
WALL THICKNESS =	8 inches
FTG. TOE LEFT L1 (ft) =	1
WALL LENGTH L2 (ft) =	0.67
FTG. TOE RT. L3 (ft) =	1
FTG. WIDTH B (ft) =	1
FTG. THICKNESS t (in) =	12
F'c =	3000 psi (conc.)
Fy =	60000 psi (reinf.)
CONCRETE ULTIMATE FACTOR =	1.4
T.O.F. BURY =	0 ft.
SOIL WT. =	0.12 kcf
FTG. CONC. WT. =	0.15 kcf
FTG. LENGTH =	2.67 ft.
FTG. AREA =	2.67 ft ²

APPLIED LOADS

P1 =	0 kips @ left end	SUM P1-P4 =	0 kips
P2 =	0 kips @ wall ctr.	WALL DL =	3.22 kips (inc. to T.O.F.)
P3 =	0 kips @ right end	SOIL DL =	0.00 kips (above ftg.)
P4 =	0 kips @ distance x	FTG. DL =	0.40 kips
DISTANCE X =	0 ft. (from left E.O.W.)	SUM LOADS P =	3.6 kips @ B.O.F.
* O.T.M. (inc. wall lateral) =	0.6 kip-ft. (@ B.O.F. or at S.O.G. if all shear leaves the wall @ S.O.G.)		
Is O.T.M. Wind or Eq.? (W or E) =	E Earthquake controls overturning		
p =	1.15 p only used for earthquake design		

OUTPUT

	O.T.M. LEFT		O.T.M. RIGHT
** OVERTURNING F.S. =	6.30	F.S. must be >=1.0	6.30 F.S. must be >=1.0
SOIL BRG. qs1 =	0.850 ksf		1.859 ksf
SOIL BRG. qs2 =	1.859 ksf		0.850 ksf
FOOTING CONTACT W/SOIL L4 =	2.67 feet		2.67 feet
MOMENT RESISTING (gross) =	5 k-ft. w/o .9 D.L. factor		5 k-ft. w/o .9 D.L. factor

FOOTING

Mu DESIGN =	1.4	kip-ft.
BOT. As REQD. =	0.05	in ² PER FTG. WIDTH @ d = t-4"
Vu DESIGN =	2.69	kips
Vu allowable =	8.94	kips @ d = t-4" (w/o ties)
Av REQUIRED. =	NOT REQ'D.	in ² /ft. @ d = t-4"
Maximum tie spacing =	NOT REQ'D.	in. o/c = d/2

NOTES:- * 1.) Engineer must increase O.T.M. with any increase in footing thickness.
** 2.) For Earthquake, rho & 0.9 Dead Load was used for calculating the F.S.

CMU CANTILEVERED PARAPET DESIGN

1994 UBC - Sec. 1630, 2106 & 2107...

Input cells are shaded thus :-

Special inspection ? (Y or N)

$f_m = 1500$ psi

$F_y = 60$ ksi

Seismic Zone = 2A

Is parapet solid grouted ? (Y or N) (for shear)

$E_m = 750 * f_m = 1125$ ksi

$E_s = 29000$ ksi

$n = 25.778$

$k = (2\rho n + (\rho n)^2)^{1/2} - \rho n$

$j = 1 - k/3$

$F_p = Z I C_p W_p$ Sec. 1630.2

$I = 1.0$ Tbl. 16-K

$C_p = 2.0$ Tbl. 16-O

$Z = 0.15$ Tbl. 16-I

$F_p = 0.3$ W_p

$F_p = 23.4$ psf

$f_m = 250$ psi

$F_s = 24$ ksi

WITH VERTICAL REINFORCING @ WALL CENTERLINE

CMU nom. thickness (in.)	CMU weight (psf)	d (in.)	Reinforcing size #	Reinforcing spacing (in. o/c)	ρ	k	j	1.33 K (ksi)	MAXIMUM parapet height (ft.)
8	78	3.75	5	48	0.00172	0.25687	0.9144	0.0391	6.85
8	78	3.75	5	40	0.00207	0.27746	0.9075	0.0420	7.10
8	78	3.75	5	32	0.00258	0.30438	0.8985	0.0456	7.40
8	78	3.75	5	24	0.00344	0.34187	0.8860	0.0505	7.78
8	78	3.75	5	16	0.00517	0.39983	0.8667	0.0578	8.33

WITH VERTICAL REINFORCING EACH FACE (Using openend block)

CMU thickness (in.)	CMU weight (psf)	d (in.)	Reinforcing size #	Reinforcing spacing (in. o/c)	ρ	k	j	1.33 K (ksi)	MAXIMUM parapet height (ft.)
8	78	4.25	5	48	0.00152	0.24346	0.9188	0.0373	7.58
8	78	4.25	5	40	0.00182	0.26319	0.9123	0.0400	7.85
8	78	4.25	5	32	0.00228	0.28905	0.9037	0.0435	8.19
8	78	4.25	5	24	0.00304	0.32517	0.8916	0.0483	8.63
8	78	4.25	5	16	0.00456	0.38133	0.8729	0.0555	9.25

WITH VERTICAL REINFORCING EACH FACE (Input "d" for design)

CMU thickness (in.)	CMU weight (psf)	d (in.)	Reinforcing size #	Reinforcing spacing (in. o/c)	ρ	k	j	1.33 K (ksi)	MAXIMUM parapet height (ft.)
8	78	5	5	48	0.00129	0.22690	0.9244	0.0350	8.64
8	78	5	5	40	0.00155	0.24554	0.9182	0.0376	8.96
8	78	5	5	32	0.00194	0.27003	0.9100	0.0410	9.35
8	78	5	5	24	0.00258	0.30438	0.8985	0.0456	9.86
8	78	5	5	16	0.00388	0.35810	0.8806	0.0526	10.59

ENGINEERS - NORTHWEST INC. P.S.

6869 WOODLAWN AVE. N.E. - SUITE 205 - SEATTLE, WA 98115 - (206) 525-7560 - FAX # (206) 522-6698

JOB NO. 941360076 JOB NAME COSTCO - BRICK N.J. DATE 2-16-00
 SUBJECT DEMISING WALL SHEET OF
 BY DMC

CANTILEVER SCREEN WALL CONT.

$$F_b = \frac{1500}{3} = 500/ft$$

$$1.33K = \frac{16(12)}{12(5)^2} = 24$$

$$\rho = 2.00082$$

$$A_s = 0.05 in^2/ft$$

$$\text{try } e \rightarrow d = 3.5$$

$$1.33K = 49$$

$$\rho = 2.00163$$

$$= 0.07 in^2/ft \quad \#5 E/F E 32"$$

$$\rho = 2.0019 > 2.00082$$

CHECK FOR JAW

$$m = 0.6 \left(\frac{3.33}{2} + 2 \right)$$

$$= 2.2 K \cdot ft$$

$$b = 24$$

$$d = 5$$

$$1.33K = 100$$

$$\rho = 2.00420 \rightarrow A_s = 0.52$$

USE 2#5V. E.F.

ENGINEERS NORTHWEST, INC.P.S.
6869 WOODLAWN AVE.N.E. (SUITE 205)
SEATTLE,WA. 98115

SHEET _____ OR _____

R (2) 1.73

420	24000	38.489	0.00172	0.19610	10.9123	51.318
430	24000	40.102	0.00179	0.19983	10.7226	53.470
440	24000	41.740	0.00187	0.20353	10.5415	55.653
450	24000	43.401	0.00194	0.20720	10.3685	57.867
460	24000	45.084	0.00202	0.21084	10.2031	60.112
470	24000	46.791	0.00210	0.21444	10.0448	62.387
480	24000	48.519	0.00218	0.21800	9.8930	64.692
490	24000	50.269	0.00226	0.22154	9.7476	67.025
500	24000	52.040	0.00234	0.22504	9.6079	69.387
500	23000	53.631	0.00253	0.23255	9.3229	71.509
500	22000	55.322	0.00273	0.24058	9.0380	73.762
500	21000	57.121	0.00297	0.24918	8.7533	76.161
500	20000	59.040	0.00323	0.25842	8.4688	78.720
500	19000	61.091	0.00353	0.26837	8.1845	81.455
500	18000	63.288	0.00388	0.27912	7.9004	84.384
500	17000	65.646	0.00428	0.29076	7.6186	87.528
500	16000	68.184	0.00474	0.30342	7.3331	90.912
500	15000	70.922	0.00529	0.31723	7.0500	94.563
500	14000	73.885	0.00594	0.33236	6.7672	98.514
500	13000	77.101	0.00671	0.34901	6.4850	102.802
500	12000	80.602	0.00765	0.36740	6.2033	107.470
500	11000	84.427	0.00881	0.38785	5.9223	112.569
500	10000	88.620	0.01027	0.41071	5.6421	118.160
500	9000	93.234	0.01212	0.43642	5.3629	124.312
500	8000	98.331	0.01455	0.46558	5.0849	131.108
500	7000	103.984	0.01782	0.49891	4.8084	138.646
500	6000	110.279	0.02239	0.53738	4.5339	147.039
500	5000	117.314	0.02911	0.58227	4.2621	156.419
500	4000	125.199	0.03971	0.63535	3.9937	166.932
500	3000	134.044	0.05826	0.69908	3.7301	178.726
500	2000	143.942	0.09713	0.77702	3.4736	191.922
500	1000	154.898	0.21863	0.87452	3.2279	206.531

IS MASONRY SPECIAL INSPECTED?

INPUT (YES OR NO) : ☒ YES

f_m = psi

f_s = psi

E_s = psi

E_m = 1387 x f_m = psi

n =

CODE : - 1993 BOCA

1900psi UNITS &

TYPE "S" MORTAR

f_m = psi

K = 12M/bd²

A_s = pbd

j = 1-k/3

f _m	f _s	K	p	k	2/(j*k)	1.33*K
60	24000	0.999	0.00004	0.03367	60.0673	1.332
70	24000	1.350	0.00006	0.03907	51.8696	1.799
80	24000	1.750	0.00007	0.04440	45.7215	2.333
90	24000	2.198	0.00009	0.04967	40.9400	2.931
100	24000	2.694	0.00011	0.05489	37.1150	3.592
110	24000	3.237	0.00014	0.06005	33.9856	4.316
120	24000	3.824	0.00016	0.06515	31.3780	5.099
130	24000	4.456	0.00019	0.07020	29.1718	5.942
140	24000	5.132	0.00022	0.07520	27.2809	6.842
150	24000	5.850	0.00025	0.08014	25.6422	7.800
160	24000	6.609	0.00028	0.08503	24.2085	8.812
170	24000	7.409	0.00032	0.08986	22.9436	9.879
180	24000	8.250	0.00035	0.09465	21.8194	10.999
190	24000	9.129	0.00039	0.09938	20.8136	12.172
200	24000	10.046	0.00043	0.10407	19.9086	13.395
210	24000	11.001	0.00048	0.10871	19.0898	14.668
220	24000	11.992	0.00052	0.11330	18.3455	15.989
230	24000	13.019	0.00056	0.11784	17.6660	17.359
240	24000	14.082	0.00061	0.12234	17.0433	18.776
250	24000	15.179	0.00066	0.12679	16.4704	20.238
260	24000	16.309	0.00071	0.13119	15.9417	21.746
270	24000	17.473	0.00076	0.13556	15.4522	23.298
280	24000	18.669	0.00082	0.13987	14.9978	24.893
290	24000	19.897	0.00087	0.14415	14.5748	26.530
300	24000	21.157	0.00093	0.14838	14.1800	28.209
310	24000	22.446	0.00099	0.15257	13.8107	29.928
320	24000	23.766	0.00104	0.15672	13.4646	31.688
330	24000	25.115	0.00111	0.16083	13.1395	33.487
340	24000	26.493	0.00117	0.16491	12.8336	35.324
350	24000	27.899	0.00123	0.16894	12.5453	37.199
360	24000	29.333	0.00130	0.17293	12.2730	39.110
370	24000	30.794	0.00136	0.17688	12.0154	41.058
380	24000	32.281	0.00143	0.18080	11.7715	43.042
390	24000	33.795	0.00150	0.18468	11.5401	45.060
400	24000	35.335	0.00157	0.18852	11.3203	47.113
410	24000	36.899	0.00164	0.19233	11.1113	49.199

Company : ENW
 Designer : DML
 Job Number : 64136006

February 16, 2000

COSTCO BRICK NEW JERSEY

Checked By: _____

Reactions, LC 2: DL+SNOW

Joint Label	X Force (K)	Y Force (K)	Z Force (K)	X Moment (K-ft)	Y Moment (K-ft)	Z Moment (K-ft)
N1	0.988	0.206	0.000	0.000	0.000	0.000
N4	0.988	1.331	0.000	0.000	0.000	0.000
Reaction Totals :	0.000	1.538	0.000			

Center of Gravity Coords (X,Y,Z) (Ft) :

1.931 2.014 0.000

$0.206^K \uparrow$

 $0.988^K \leftarrow$

$1.31^K \uparrow$

 $0.988^K \rightarrow$

HILTI HY150

ER 5197 (ICD0 JULY 1, 1999)

EMBED 5"

70°

$T = 2.265^u$

$V = 2.015$ (4" MIN EDGE DIST)

$$Camp - \frac{1.31}{2.015} + \frac{0.988}{2.265} = 1.086 \approx 1.0$$

OK
 FOR 12" EDGE DIST. min

Company : ENW
 Designer : DML
 Job Number : 64136006

COSTCO BRICK NEW JERSEY

February 16, 2000

Checked By: _____

Basic Load Case Data

BLC No.	Basic Load Case Description	Category Code	Category Description	Nodal	Load Type Point	Totals Distributed	Surface
1	DL	DL	Dead Load			1	
2	SNOW	RLL	Roof Live Load			1	
3	WIND	WL	Wind Load			1	

Boundary Conditions

Joint Label	X Translation (K/in)	Y Translation (K/in)	Z Translation (K/in)	MX Rotation (K-ft/rad)	MY Rotation (K-ft/rad)	MZ Rotation (K-ft/rad)
N1	Reaction	Reaction	Reaction		Reaction	
N4	Reaction	Reaction	Reaction			

Member Distributed Loads, Category : DL, BLC 1 : DL

Member Label	I Joint	J Joint	Load Pattern Label	Pattern Multiplier
M3	N3	N4	UNIFORM ✓	-.06

Member Distributed Loads, Category : RLL, BLC 2 : SNOW

Member Label	I Joint	J Joint	Load Pattern Label	Pattern Multiplier
M3	N3	N4	SLOPE ✓	1 ✓

Member Distributed Loads, Category : WL, BLC 3 : WIND

Member Label	I Joint	J Joint	Load Pattern Label	Pattern Multiplier
M3	N3	N4	UNIFORM ✓	.252 ✓

Distributed Load Patterns

Pattern Label	Direction	Start Magnitude (K/ft, F)	End Magnitude (K/ft, F)	Start Location (Ft or %)	End Location (Ft or %)
SLOPE	Y	-.237	-.315	0	0
UNIFORM	Y	1	1	0	0

Global

Steel Code	AISC 9th Edition ASD
Allowable Stress Increase Factor (ASIF)	1.333
Include Shear Deformation	Yes
Include Warping	Yes
No. of Sections for Member Calcs	5
Redesign Sections	No
P-Delta Analysis Tolerance	0.50%
Vertical Axis	Y

For RIPPED SNOW

Load Combinations

Nom	Description	Env	WS	PD	SRSS	CD	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
1	DL	y		y		1	1	1						
2	DL+SNOW	y		y		1	1	1	2	1				

Company : ENW
 Designer : DML
 Job Number : 64136006

COSTCO BRICK NEW JERSEY

February 16, 2000

Checked By: _____

Load Combinations (continued)

Num	Description	Env	WS	PD	SRSS	CD	BLC	Factor	BLC	Factor	BLC	Factor	BLC	Factor
3	.9DL+WIND UP	y	y	y		1	1	.9			3	1		

Materials (General)

Material Label	Young's Modulus (Ksi)	Shear Modulus (Ksi)	Poisson's Ratio	Thermal Coef. (per 10 ⁻⁵ F)	Weight Density (K/ft ³)	Yield Stress (Ksi)
STL	29000	11154	.3	.65	.49	36

Member Data

Member Label	I Node	J Node	K Node	X-Axis Rotate (degrees)	Section Set	End Releases I-End J-End xyz xyz	End Offsets I-End J-End (In) (In)	Inactive Code	Member Length (Ft)
M1	N1	N2			SEC1				4
M2	N2	N3			SEC1				1
M3	N3	N4			SEC1				4.472

Member Deflection

Member Label	Section		x-Translate (In)	Lc	y-Translate (In)	Lc	z-Translate (In)	Lc	x-Rotate (radians)	Lc	(n) L/y Ratio	Lc	(n) L/z Ratio	Lc
M1	1	max	0	1	0	1	0	1	0	1	NC		NC	
		min	0	1	0	1	0	1	0	1	NC		NC	
	2	max	0	3	0.034	3	0	1	0	1	2730.565	3	NC	
		min	0	2	-0.061	2	0	1	0	1	1513.537	2	NC	
	3	max	0	3	0.062	3	0	1	0	1	1700.768	3	NC	
		min	-0.001	2	-0.109	2	0	1	0	1	947.963	2	NC	
	4	max	0.001	3	0.075	3	0	1	0	1	1934.96	3	NC	
		min	-0.001	2	-0.132	2	0	1	0	1	1086.438	2	NC	
	5	max	0.001	3	0.067	3	0	1	0	1	NC		NC	
		min	-0.001	2	-0.118	2	0	1	0	1	NC		NC	
M2	1	max	0.067	3	0.001	2	0	1	0	1	NC		NC	
		min	-0.118	2	-0.001	3	0	1	0	1	NC		NC	
	2	max	0.067	3	0.013	2	0	1	0	1	1042.511	2	NC	
		min	-0.118	2	-0.007	3	0	1	0	1	1841.099	3	NC	
	3	max	0.067	3	0.027	2	0	1	0	1	476.542	2	NC	
		min	-0.118	2	-0.015	3	0	1	0	1	839.522	3	NC	
	4	max	0.067	3	0.042	2	0	1	0	1	299.585	2	NC	
		min	-0.118	2	-0.024	3	0	1	0	1	526.796	3	NC	
	5	max	0.067	3	0.057	2	0	1	0	1	217.486	2	NC	
		min	-0.118	2	-0.032	3	0	1	0	1	381.861	3	NC	
M3	1	max	0.001	3	0.074	3	0	1	0	1	NC		NC	
		min	-0.002	2	-0.131	2	0	1	0	1	NC		NC	
	2	max	0.001	3	0.103	3	0	1	0	1	1146.317	3	NC	
		min	-0.001	2	-0.18	2	0	1	0	1	655.118	2	NC	
	3	max	0.001	3	0.101	3	0	1	0	1	839.378	3	NC	
		min	-0.001	2	-0.178	2	0	1	0	1	478.193	2	NC	
	4	max	0	3	0.063	3	0	1	0	1	1195.914	3	NC	
		min	0	2	-0.112	2	0	1	0	1	678.712	2	NC	
	5	max	0	1	0	1	0	1	0	1	NC		NC	
		min	0	1	0	1	0	1	0	1	NC		NC	

Company : ENW
 Designer : DML
 Job Number : 64136006

COSTCO BRICK NEW JERSEY

February 16, 2000

Checked By: _____

Steel Design / NDS Parameters

Member Label	Section Set	Length (Ft)	Lb y-y le2 (Ft)	Lb z-z le1 (Ft)	L_comp le_bend (Ft)	K y-y	K z-z	Cm y-y CH	Cm z-z	Cb B	Sway y z
M1	SEC1	4				1.	1.				
M2	SEC1	1				1.	1.				
M3	SEC1	4.472	1	1	1	1.	1.				

Envelope Member Section Forces

Member Label	Section	Axial (K)	Lc	Shear y-y (K)	Lc	Shear z-z (K)	Lc	Torque (K-ft)	Lc	Moment y-y (K-ft)	Lc	Moment z-z (K-ft)	Lc
M1	1 max	0.988	2	0.209	2	0	1	0	1	0	1	0	1
	min	-0.567	3	-0.11	3	0	1	0	1	0	1	0	1
	2 max	0.988	2	0.205	2	0	1	0	1	0.146	2	0.079	3
	min	-0.567	3	-0.113	3	0	1	0	1	-0.079	3	-0.146	2
	3 max	0.988	2	0.201	2	0	1	0	1	0.29	2	0.16	3
	min	-0.567	3	-0.117	3	0	1	0	1	-0.16	3	-0.29	2
	4 max	0.988	2	0.198	2	0	1	0	1	0.431	2	0.244	3
	min	-0.567	3	-0.12	3	0	1	0	1	-0.244	3	-0.431	2
M2	5 max	0.988	2	0.194	2	0	1	0	1	0.569	2	0.33	3
	min	-0.567	3	-0.123	3	0	1	0	1	-0.33	3	-0.57	2
	1 max	0.191	2	0.567	3	0	1	0	1	0.569	2	0.33	3
	min	-0.124	3	-0.989	2	0	1	0	1	-0.33	3	-0.57	2
	2 max	0.191	2	0.567	3	0	1	0	1	0.394	2	0.23	3
	min	-0.125	3	-0.989	2	0	1	0	1	-0.23	3	-0.395	2
	3 max	0.19	2	0.567	3	0	1	0	1	0.22	2	0.13	3
	min	-0.126	3	-0.989	2	0	1	0	1	-0.129	3	-0.22	2
M3	4 max	0.189	2	0.567	3	0	1	0	1	0.045	2	0.029	3
	min	-0.127	3	-0.989	2	0	1	0	1	-0.029	3	-0.045	2
	5 max	0.188	2	0.567	3	0	1	0	1	0.071	3	0.13	2
	min	-0.127	3	-0.989	2	0	1	0	1	-0.13	2	-0.071	3
	1 max	0.45	3	0.612	2	0	1	0	1	0.13	2	0.071	3
	min	-0.799	2	-0.367	3	0	1	0	1	-0.071	3	-0.13	2
	2 max	0.548	3	0.302	2	0	1	0	1	0.492	2	0.284	3
	min	-0.955	2	-0.172	3	0	1	0	1	-0.284	3	-0.493	2
	3 max	0.645	3	0.022	3	0	1	0	1	0.601	2	0.344	3
	min	-1.12	2	-0.028	2	0	1	0	1	-0.343	3	-0.603	2
	4 max	0.742	3	0.217	3	0	1	0	1	0.443	2	0.249	3
	min	-1.294	2	-0.377	2	0	1	0	1	-0.248	3	-0.443	2
	5 max	0.84	3	0.412	3	0	1	0	1	0	1	0	1
	min	-1.479	2	-0.746	2	0	1	0	1	0	1	0	1

Sections

Section Label	Database Shape	Material Label	Area (In)^2	SA(yy)	SA(zz)	I y-y (In^4)	I z-z (In^4)	J (Torsion) (In^4)	T/C Only
SEC1	L3X3X3	STL	1.09	1.2	1.2	.96	.962	.014	

Envelope Member Section Stresses

Member Label	Section		Axial		Shear y-y		Shear z-z		Bending y-top		Bending y-bot		Bending z-top		Bending z-bot	
			(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc
M1	1	max	0.906	2	0.445	2	0	1	0	1	0	1	0	1	0	1
		min	-0.521	3	-0.235	3	0	1	0	1	0	1	0	1	0	1
	2	max	0.906	2	0.437	2	0	1	2.353	2	1.269	3	4.667	2	2.834	3
		min	-0.521	3	-0.242	3	0	1	-1.271	3	-2.351	2	-2.52	3	-5.249	2
	3	max	0.906	2	0.429	2	0	1	4.664	2	2.577	3	9.25	2	5.753	3
		min	-0.521	3	-0.249	3	0	1	-2.579	3	-4.66	2	-5.115	3	-10.405	2
	4	max	0.906	2	0.421	2	0	1	6.933	2	3.922	3	13.749	2	8.757	3
		min	-0.521	3	-0.256	3	0	1	-3.926	3	-6.927	2	-7.785	3	-15.466	2
	5	max	0.906	2	0.414	2	0	1	9.159	2	5.305	3	18.165	2	11.846	3
		min	-0.521	3	-0.263	3	0	1	-5.31	3	-9.151	2	-10.531	3	-20.433	2
M2	1	max	0.176	2	1.21	3	0	1	9.159	2	5.305	3	18.165	2	11.846	3
		min	-0.114	3	-2.109	2	0	1	-5.31	3	-9.151	2	-10.531	3	-20.433	2
	2	max	0.175	2	1.21	3	0	1	6.348	2	3.694	3	12.589	2	8.248	3
		min	-0.115	3	-2.109	2	0	1	-3.697	3	-6.342	2	-7.332	3	-14.16	2
	3	max	0.174	2	1.21	3	0	1	3.536	2	2.083	3	7.013	2	4.65	3
		min	-0.115	3	-2.109	2	0	1	-2.084	3	-3.533	2	-4.134	3	-7.888	2
	4	max	0.173	2	1.21	3	0	1	0.724	2	0.471	3	1.437	2	1.052	3
		min	-0.116	3	-2.109	2	0	1	-0.472	3	-0.724	2	-0.935	3	-1.616	2
	5	max	0.172	2	1.21	3	0	1	1.141	3	2.085	2	2.263	3	4.656	2
		min	-0.117	3	-2.109	2	0	1	-2.087	2	-1.14	3	-4.139	2	-2.546	3
M3	1	max	0.413	3	1.306	2	0	1	2.087	2	1.14	3	4.139	2	2.546	3
		min	-0.733	2	-0.783	3	0	1	-1.141	3	-2.085	2	-2.263	3	-4.656	2
	2	max	0.503	3	0.644	2	0	1	7.922	2	4.566	3	15.712	2	10.194	3
		min	-0.876	2	-0.367	3	0	1	-4.57	3	-7.915	2	-9.063	3	-17.674	2
	3	max	0.592	3	0.048	3	0	1	9.685	2	5.518	3	19.207	2	12.319	3
		min	-1.027	2	-0.06	2	0	1	-5.522	3	-9.677	2	-10.952	3	-21.606	2
	4	max	0.681	3	0.463	3	0	1	7.127	2	3.996	3	14.134	2	8.921	3
		min	-1.188	2	-0.805	2	0	1	-3.999	3	-7.121	2	-7.931	3	-15.899	2
	5	max	0.77	3	0.878	3	0	1	0	1	0	1	0	1	0	1
		min	-1.357	2	-1.592	2	0	1	0	1	0	1	0	1	0	1

Envelope Member Section Torsion

Member Label	Section		Torque		Torsion Shear		y-y Warp Shear		z-z Warp Shear		z-Bot Warp Bend		z-Top Warp Bend	
			(K-ft)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc
M1	1	max	0	1	0	1	No Warping Calculations...							
		min	0	1	0	1								
	2	max	0	1	0	1								
		min	0	1	0	1								
	3	max	0	1	0	1								
		min	0	1	0	1								
	4	max	0	1	0	1								
		min	0	1	0	1								
	5	max	0	1	0	1								
		min	0	1	0	1								
M2	1	max	0	1	0	1	No Warping Calculations...							
		min	0	1	0	1								
	2	max	0	1	0	1								
		min	0	1	0	1								

Company : ENW
 Designer : DML
 Job Number : 64136006

COSTCO BRICK NEW JERSEY

February 16, 2000

Checked By: _____

Envelope Member Section Torsion, (continued)

Member Label	Section	Torque		Torsion Shear		y-y Warp Shear		z-z Warp Shear		z-Bot Warp Bend		z-Top Warp Bend	
		(K-ft)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc	(Ksi)	Lc
M3	3 max	0	1	0	1								
	3 min	0	1	0	1								
	4 max	0	1	0	1								
	4 min	0	1	0	1								
	5 max	0	1	0	1								
	5 min	0	1	0	1								
	1 max	0	1	0	1	No Warping Calculations...							
	1 min	0	1	0	1								
	2 max	0	1	0	1								
	2 min	0	1	0	1								
	3 max	0	1	0	1								
	3 min	0	1	0	1								
	4 max	0	1	0	1								
	4 min	0	1	0	1								
	5 max	0	1	0	1								
	5 min	0	1	0	1								

Joint Coordinates

Joint Label	X Coordinate (Ft)	Y Coordinate (Ft)	Z Coordinate (Ft)	Joint Temperature (F)
N1	0	0	0	0
N2	4	0	0	0
N3	4	1	0	0
N4	0	3	0	0

Envelope Joint Displacements

Joint Label		X Translate		Y Translate		Z Translate		X Rotate		Y Rotate		Z Rotate	
		(In)	Lc	(In)	Lc	(In)	Lc	(radians)	Lc	(radians)	Lc	(radians)	Lc
N1	max	0.000	3	0.000	3	0.000	1	0.000	1	0.000	1	0.003	3
	min	0.000	2	0.000	2	0.000	1	0.000	1	0.000	1	-0.005	2
N2	max	0.001	3	0.067	3	0.000	1	0.000	1	0.000	1	0.003	2
	min	-0.001	2	-0.118	2	0.000	1	0.000	1	0.000	1	-0.002	3
N3	max	0.032	3	0.067	3	0.000	1	0.000	1	0.000	1	0.005	2
	min	-0.057	2	-0.118	2	0.000	1	0.000	1	0.000	1	-0.003	3
N4	max	0.000	2	0.000	3	0.000	1	0.000	1	0.000	1	0.005	3
	min	0.000	3	0.000	2	0.000	1	0.000	1	0.000	1	-0.009	2

Envelope Reactions

Joint Label		X Force		Y Force		Z Force		X Moment		Y Moment		Z Moment	
		(K)	Lc	(K)	Lc	(K)	Lc	(K-ft)	Lc	(K-ft)	Lc	(K-ft)	Lc
N1	max	0.988	2	0.206	2	0.000	1	0.000	1	0.000	1	0.000	1
	min	-0.567	3	-0.111	3	0.000	1	0.000	1	0.000	1	0.000	1
N4	max	0.567	3	1.331	2	0.000	1	0.000	1	0.000	1	0.000	1
	min	-0.988	2	-0.743	3	0.000	1	0.000	1	0.000	1	0.000	1

Company : ENW
 Designer : DML
 Job Number : 64136006

COSTCO BRICK NEW JERSEY

February 16, 2000

Checked By: _____

Envelope Reactions, (continued)

Joint Label		X Force (K)	Lc	Y Force (K)	Lc	Z Force (K)	Lc	X Moment (K-ft)	Lc	Y Moment (K-ft)	Lc	Z Moment (K-ft)	Lc
Reaction Totals :	max	0.000	3	1.538	2	0.000	1						
	min	0.000	2	-0.854	3	0.000	1						

Envelope Member AISC ASD 9th Code Checks

Member Label	Code Chk	Loc (Ft)	Lc	Shear Chk	Loc (Ft)	Dir	Lc	Fa (Ksi)	Fb y-y (Ksi)	Fb z-z (Ksi)	ASD Eqn.
M1	0.063	0	2	0.031	0	y	2	14.30	Code	check based on z-z Axial ONLY -	
M2	0.009	0	2	0.146	0	y	2	18.80	Code	check based on z-z Axial ONLY -	
M3	0.063	4.472	2	0.111	4.472	y	2	18.80	Code	check based on z-z Axial ONLY -	

Company : ENW
Designer : DML
Job Number : 64136006

COSTCO BRICK NEW JERSEY

February 16, 2000

Checked By: _____

Reactions, LC 3 : .9DL+WIND UP

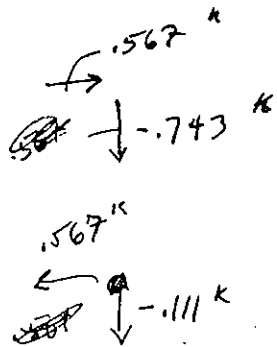
Joint Label	X Force (K)	Y Force (K)	Z Force (K)	X Moment (K-ft)	Y Moment (K-ft)	Z Moment (K-ft)
N1	-0.567	+0.111	0.000	0.000	0.000	0.000
N4	0.567	-0.743	0.000	0.000	0.000	0.000
Reaction Totals :	0.000	-0.854	0.000			

Center of Gravity Coords (X,Y,Z) (Ft) :

1.992

2.037

0.000



ENGINEERS - NORTHWEST INC. P.S.

6869 WOODLAWN AVE. N.E. - SUITE 205 - SEATTLE, WA 98115 - (206) 525-7560 - FAX # (206) 522-6698

JOB NO. 94136.006 JOB NAME COSTCO - BRICK NJ DATE 2-16-00
 SUBJECT AWNING SHEET OF
 BY DML

$$h_d = 0.43(430)^{\frac{1}{3}}(30+10)^{\frac{1}{4}} - 1.5$$

$$= 6.67'$$

$$h_r = 3'-2" \leftarrow \text{CANTILEVER}$$

$$P_s = 0.7(20)(1)$$

$$= 14 \text{ PSF}$$

$$A_b = 0.13(20) + 14$$

$$= 16.6 \text{ PLF}$$

$$h_f = \frac{14}{16.6} = 0.85 \text{ ft}$$

$$P_n = 3.17(16.6)$$

$$= 52.6 \text{ PSF}$$

$$W_D = 4(3.17) = 12.68 \text{ ft}$$

SNOW -

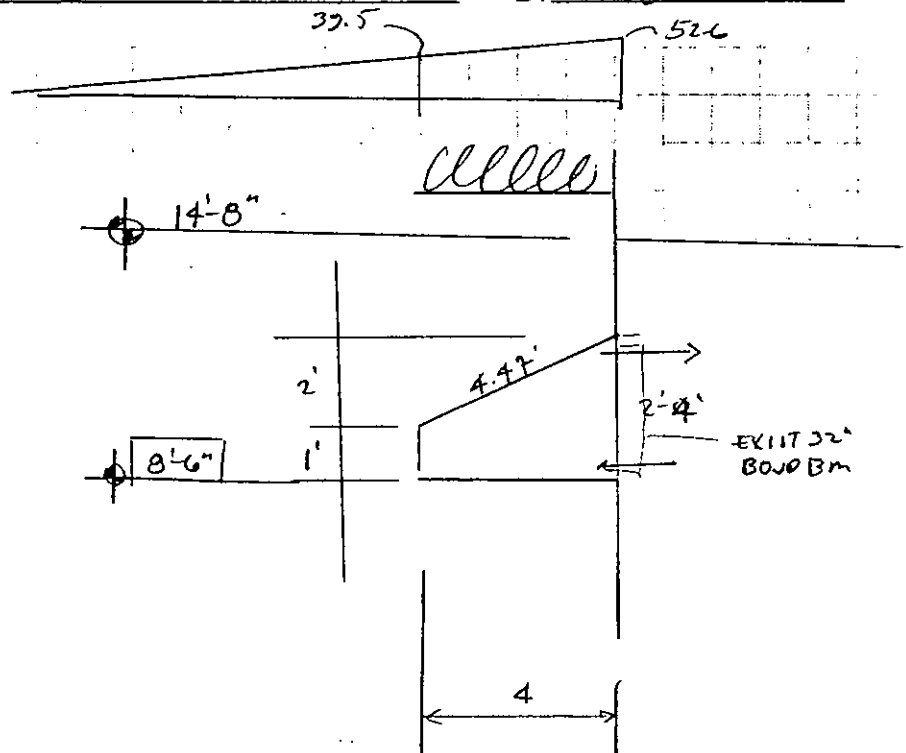
$$M = \frac{39.5(4)^2}{2} + \frac{(52.6-39.5)(4)^2}{6}$$

$$= 351 \text{ ft-lb/ft}$$

$$T \approx C = \frac{351}{2.33} = 150.5 \text{ PLF} \leftarrow$$

$$V = (39.5 + 52.6) = 184.2 \text{ PLF}$$

$$V_{\text{DOW}} = \frac{184.2}{2} = 92.1 \text{ PLF} \downarrow$$



WIND 85 MPH EXP. B

$$P_{up} = (.724)(1)(18.6)(2.6+.5)$$

$$= 41.8 \text{ PSF OUT}$$

$$M_y = \frac{41.8(4.47)^2}{2} = 417.6$$

$$T \approx C = \frac{417.6}{2.33} = 180 \text{ PLF}$$

$$V = \frac{4}{4.47}(41.8) = 150 \text{ PLF}$$

LOCATION :-

MASONRY LINTELS (SINGLE ANGLE) **WITH SUPERIMPOSED LOADS (Vertical loads only)**

INPUT

MASONRY WEIGHT = 80 psf
DESIGN OPENING = 6.67 ft.

Input angle thus:- L3 1/2X3 1/2X7/16
Put space in fraction $\frac{1}{16}$ L6X3 1/2X5/16

OUTPUT

VERTICAL ANGLE LEG = 6 in.
HORIZONTAL ANGLE LEG = 3 1/2 in.
ANGLE THICKNESS = 5/16 in.

ANGLE WEIGHT = 9.8 plf

$I_x = 10.9$ in.⁴

$S_x = 2.73$ in.³

$I_y = 2.85$ in.⁴

$A = 2.87$ in.²

$x = 0.763$ in.

$y = 2.01$ in.

TOTAL MASONRY WT. = 1540 lb.

TOTAL ANGLE WT. = 65 lb.

$J = 0.0935$ in.⁴

$C = 0.2009$

$I_p = 24.7$ in.⁴

$f_{cr} = 43.62$ ksi

$f_u = 25.67$ ksi

$F_b1 = f_u / 1.3 = 19.75$ ksi (Dead Load)

ANGLE DEFLECTION = 0.043 in. $\leq L/600 = 0.133$ in.

$L_f = 1863$ OK > 600

ANGLE MOMENT = 21.18 kip-in.

ANGLE $f_b = 7.76$ ksi - OK $\leq F_b1$

$f_b / F_b1 = 0.393$ OK < 1.00

$1 - f_b / F_b1 = 0.607$ LEFT FOR SUPERIMPOSED LOADS

F_b2 (superimposed load) = 15.10 ksi ($f_u / 1.7$) (Dead & Live Loads)

MOMENT (superimposed) = 25.021 kip-in.

P (superimposed) = 1.251 kips

P (superimposed) = 2.678 kips

P (superimposed) = 1.251 kips

OR

w (superimposed) = 0.375 kips/ft.

w (superimposed) = 0.643 kips/ft.

w (superimposed) = 0.375 kips/ft.

$E = 29000000$ psi

$v = 0.27$ = POISSONS RATIO

$G = 11417323 = E / 2(1+v)$

b = ANGLE LEG WIDTH MINUS HALF LEG THICKNESS

t = ANGLE LEG THICKNESS

L = ANGLE LENGTH = DESIGN OPENING (to ctr. of bearing)

$J = \text{SUM}(b)t^3/3$

$I_p = I_x + I_y + A[(x-t/2)^2 + (y-t/2)^2]$

$C = \text{SUM}(b)^3 t^3/36$

$F_y = 36,000$ psi

Area of load
to angle



60°
Angles

Sect. a
LINTEL ANGLE (LLV)

DESIGN OPENING = 6.667 ft.

CLR. OPENING

CHOOSE EITHER THE
POINT OR UNIFORM
Additional LOAD IN THE
60 DEGREE TRIANGLE
SHOWN ABOVE

From : - March 1981 ASCE - Civil Engineering

Valuation: _____

Fee: _____

Plan Review # _____
Date: 3-31-00

JURISDICTION File (City, County, Township, etc.)

BUILDING LOCATION Costco
(Street address)

BUILDING DESCRIPTION

REVIEWED BY

CORRECTION LIST

[illegible]

Copyright, 1993, Building Officials and Code Administrators International, Inc. Reproductions by any means is prohibited. BOCA® is the trademark of Building Officials and Code Administrators International, Inc., and is registered in the U.S. Patent and Trademark Office. NOTE: In order that we might develop other programs and provide additional services of benefit to the Code Administration profession, please re-order additional copies of this form from:

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

JERRY QUINN LEE

ARCHITECT

April 6, 2000

Kevin Batzel
Fire Sub-Code Official
Township of Brick
401 Chamber Bridge Road
Bick, NJ 08723

Re: Costco Wholesale
1722 Route 88
Brick, NJ 08724
Project Number: 94-076G

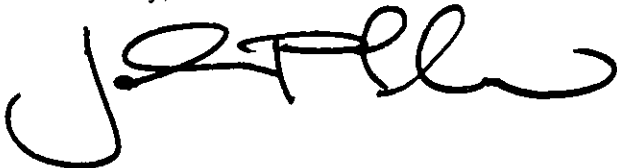
Subject: Liquor Sales

Dear Mr. Batzel:

The existing sliding doors with the emergency breakout feature will be used as a means of egress. An exit/egress fixture with battery pack will be mounted above the doors.

Should you require any additional information regarding this matter, please contact me at 425-602-4981. Thank you.

Sincerely,



John P. Llacuna
Project Manager

BELLEVUE SEATTLE PORTLAND STERLING BOSTON TAIPEI

Jerry Quinn Lee Architect

11820 Northrup Way, #E300 Bellevue, WA 98005 Tel: 425.822.0444 Fax: 425.822.4129



FAIRFIELD REFRIGERATION

15 OAK ROAD, FAIRFIELD, NEW JERSEY 07004



[201] 227-2210
FAX [201] 227-1207

March 30, 2000

Township of Brick
401 Chambers Bridge Road
Brick, NJ 08723

RE: Costco/Brick

To Whom It May Concern:

As per your request, enclosed please find a listing of the quantity of materials stored in the new liquor department at the above referenced location.

Wine

18 pallets
50 Cases per pallet
9 liters per case
8,100 liters = 2,140 gallons

Beer

12 pallets 100 cases per pallet
288 oz. per case
244,600 oz. = 2,700 gallons

Spirits

20 pallets
50 cases per pallet
9 liters per case
9,000 liters = 2,378 gallons

If you should have any questions please feel free to contact me at 973-227-2210.

Sincerely,

FAIRFIELD REFRIGERATION

Udo O. Klemp
Vice President

UOK/kj

RECEIVED
MAR 31 2000
DIV. OF RECEPTION

**BOCA®
NATIONAL BUILDING CODE
PLAN REVIEW RECORD**

Valuation: _____

Plan Review # _____

Fee: _____ *Bldg*

Date: *3-13-2000*

JURISDICTION _____
(City, County, Township, etc.)

BUILDING LOCATION *Costco*
(Street address)

BUILDING DESCRIPTION _____

REVIEWED BY _____

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	As Costco is a warehouse, How many Individual Ammounts will be stored- Quart? Gallon, 2-Gallon Containers?	
	Wine - 2140 gallons	13-30.00 PER PAIR
	Liquid 2378 gallons	Call from
	Beer - 2700 gallons	Dechitols.
		Office
		John
	Resubmit 03/30/00	



Copyright, 1993, Building Officials and Code Administrators International, Inc. Reproductions by any means is prohibited. BOCA® is the trademark of Building Officials and Code Administrators International, Inc., and is registered in the U.S. Patent and Trademark Office. NOTE: In order that we might develop other programs and provide additional services of benefit to the Code Administration profession, please re-order additional copies of this form from:

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

CERTIFICATE OF APPROVAL FOR TENNANT FIT UP AND COMMERCIAL

Location 1722 R 88 Block 1170 Lot 5

Final Inspections needed if applicable as follows:

1. Final Building
2. Final Plumbing
3. Final Electric
4. Final Fire
5. Certificate of Compliance BTMUA
6. Final Engineering
7. Ocean County Soil
8. Affordable Housing

Report of Compliance from Ocean County Soils needed when; more than 5000 sq ft are disturbed. NEW COMMERCIAL Building that have been approved by PLANNING BD or BD OF ADJUSTMENT always need soil report.

FINALS	FINALS	FINALS
<u>BUILDING</u>	APPROVED <u>5/8/00 TCO J. Chase</u>	
PLUMBING.....	APPROVED <u>N/A</u>	
<u>FIRE</u>	APPROVED <u>5/8/00 OK</u>	
<u>ELECTRIC</u>	APPROVED <u>5/8/00 OK</u>	
ENGINEERING.....	APPROVED.....	
O.C.SOIL.....	APPROVED.....	
COMMERCIAL OCCUPANCY CARD.....		
C.C. FROM B.T.M.U.A. <u>N/A</u>		
CALL THE WATER CO. BTMUA 458-7000 EXT. 224 OR 225 ASK WHETHER A C.C. IS NEEDED.		
<u>5/8/00</u> <u>OK</u> AFFORDABLE HOUSING.....	<u>OK 5/11/00</u>	ADDT FINAL APPROVAL
ALL COMMERCIAL APPLICATIONS MUST BE REVIEWED BY AFFORDABLE HOUSING BEFORE A C/A OR C/O IS ISSUED. SECOND HALF OF PAYMENT IS DUE AT THIS TIME.		

OK to
set up display over
no problem use
till C/A is
done

FAIRFIELD REFRIGERATION & H.V.A.C., INC.
15 OAK ROAD
FAIRFIELD, NJ 07004

FIRST UNION NATIONAL BANK

55-2/212

CHECK 7321

PAY
TO THE
ORDER OF

Three Hundred thirty Eight
BRICK TOWNSHIP

DATE
5/11/00

CONTROL NO.

AMOUNT
338.00

Kenneth E. Gionch

AUTHORIZED SIGNATURE

⑈007321⑈ ⑆021200025⑆ 2030000134708⑈

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

Date: May 11, 2000

Business/Development: Costco Wholesale

Owner/Applicant: Fairfield Refrigeration

Property Address: 1722 Rt. 88

Block: 1170 Lot: 5, 6, 6.01, 6.02, 7, 8

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 7321

Final Fee \$ 3,676.00

Less Deposit \$ 338.00

Final Payment \$ 338.00

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

Carol A. Wolfe

Date

5/11/00

AHBT FINAL APPROVAL

Township of Brick

Counter Form
(PLEASE PRINT)

Site Location: 1722 Rt 88 CRACO
Block: 1170 Lot: 5
Owner's Name: _____
Owner's Mailing Address: _____
Phone: () _____

BUILDING

Contractor: _____
Address: _____
Phone#: _____
Lis # _____
Federal Emp # or SSN _____

Technical Data

Description of Work:

RECEIVED
JUN 14 2000
DIV. OF INSPECTION

Type of Work

☐ New Building ☐ Siding
☐ Addition ☐ Fence
☐ Alteration ☐ Pool
☐ Roofing ☐ Demolition
☐ Asbestos Abatement ☐ Sign _____ sq ft

Building Characteristics

Use Group Present: _____ Proposed: _____
No of Stories: _____
Height of Structure: _____
Area of the largest floor: _____
Area of New Building: _____
Volume of Structure: _____
Total Land Disturbed: _____
Cost of Alteration: _____
Cost of New Building: _____
Total Cost of Building Work: _____
Signature: _____
Please Print Name _____

ELECTRICAL

Contractor: _____
Address: _____
Phone#: _____
Lis #: _____
Federal Emp # or SSN _____

Technical Data

Item	Quantity
Lighting Fixtures	_____
Receptacles	_____
Switches	_____
Detectors	_____
Light Poles	_____
Motors w/ Fract. HP	_____
Emergency & Exit Lights	_____
Communication Points	_____
Alarm Devices/FAC Panel	_____
Total	_____

Pool	_____
Spa/Hot Tub/Storable Pool	_____
Electric Range	_____ KW
Oven/Surface Unit	_____ KW
Electric Water Heater	_____ KW
Electric Dryer	_____ KW
Dishwasher	_____ KW
Garbage Disposal	_____ HP
A/C Unit - Central Air	_____ KW
Space Heater/Air Handler	_____ KW
Baseboard Heating	_____ KW
Motors 1+ HP	_____
Transformer/Generator	_____ KW
Light Stander	_____ AMP
Service	_____ AMP
Subpanel	_____ AMP
Motor Control Center	_____ AMP
Sign/Outline Light	_____ KW
Furnace	_____
Steam Boiler	_____
Other:	_____

Estimated Cost of Electrical Work: _____

Signature: _____
Please Print Name _____

CONTRACTOR'S SEAL

Counter Form
PLEASE PRINT

PLUMBING

FIRE

Contractor: _____
Address: _____
Phone #: _____
Lis #: _____
Federal Emp # or SSN _____

Contractor: FAIRFIELD REP. + HVAC
Address: 150 AK Rd.
FAIRFIELD ND, 58006
Phone #: 972-227-2210
Lis #: _____
Federal Emp # or SSN 22-2598606

Technical Data

Fixtures	Technical Data	Quantity
Water Closets	_____	_____
Urinals/Bidets	_____	_____
Bath Tub	_____	_____
Lavatory	_____	_____
Shower	_____	_____
Floor Drain	_____	_____
Sink	_____	_____
Dishwasher	_____	_____
Drinking Fountain	_____	_____
Washing Machine	_____	_____
Hose Bib	_____	_____
Gas Piping	_____	_____
Fuel Oil Piping	_____	_____
Water Heater	_____	_____
Steam Boiler	_____	_____
Hot Water Boiler	_____	_____
Sewer Pump	_____	_____
Interceptor/Separator	_____	_____
Backflow Preventer	_____	_____
Greasetrap	_____	_____
Water Cooled A/C or Refrig. Unit	_____	_____
Septic Tank Closure	_____	_____
Sewer Service Connection	_____	_____
Water Service Connection	_____	_____
Active Solar-System	_____	_____
Auxiliary Meter	_____	_____
Sprinkler Heads	_____	_____
Sump Pump	_____	_____
Other:	_____	_____

Estimated Cost of Plumbing Work _____
Signature: _____
Please Print Name: _____

CONTRACTOR'S SEAL

Technical Data

Description of Work:

Heating Type: Gas Oil Electric Solar
Heating System is New Existing
Location of Furnace/Boiler: _____

Water Supply Source _____
Method of Valve Supervision _____
Local Alarm Supervision _____
Central Supervision: _____
Proprietary Supervision: _____

Flammable Storage Tanks _____ capacity _____ fuel
Combustible Storage Tanks _____ capacity _____ fuel
LPG Storage Tanks _____ capacity _____ fuel

Item	Quantity
Wet Sprinkler Heads	_____
Dry Sprinkler Heads	_____
Total	_____
Smoke Detectors	_____
Heat Detectors	_____
Total	_____
Stand Pipes	_____
Kitchen Hood Exhaust System	_____
Pre-Engineered Systems:	_____
CO2 Suppression	_____
Halon Suppression	_____
Foam Suppression	_____
Dry Chemical	_____
Wet Chemical	_____

Gas/ Oil Fired Appliances:
Number of gas/oil fired appliances _____

Furnace _____
Gas/Wood Fireplace _____
Gas Logs _____
Wood Burning Stove _____
Other: EXIT Sign

Estimated Cost of Fire Work 150.00
Signature: Udo O. Klump
Print Name: Udo O. Klump

Counter Form
(PLEASE PRINT) **COMMERCIAL**

Site Location: 1722 ROUTE 88

Block: 1170

Lot: 5, 6, 6.01, 6.02, 7 & 8

Owner's Name: COSTCO WHOLESALE

Owner's Mailing Address: 999 LAKE DR

ISSAQUAH, WA 98027

Phone: (425) 313.8000

BUILDING

Contractor: FAIRFIELD REFRIGERATION

Address: 150AK Rd.

FAIRFIELD WA 98004

Phone#: 978-227-2210

Lis #

Federal Emp # or SSN 22-2598606

Technical Data

Description of Work:

INTERIOR ALTERATION
Remodel Existing Tire Center
To Liquor Sales Addition

Type of Work

☐ New Building

☐ Addition

☒ Alteration

☐ Roofing

☐ Asbestos Abatement

☐ Siding

☐ Fence

☐ Pool

☐ Demolition

☐ Sign _____ sq ft

Building Characteristics

Use Group Present: ☒ Proposed: ☐

No of Stories: 1

Height of Structure: 32'-0"

Area of the largest floor: _____

Area of New Building: _____

Volume of Structure: 103,622 CU. YARDS

Total Land Disturbed: _____

Estimated Cost of Building Work: 39400⁰⁰

Signature: Mike O. Klump V.P.

Please Print Name Mike O. Klump V.P.

ELECTRICAL

Contractor: Rumson Electric Co. Inc.

Address: 21 Rosalie Ave.

Rumson NJ 07760

Phone#: 732-842-1877

Lis #: 8849

Federal Emp # or SSN 22-1851116

Technical Data

Item

Quantity

Lighting Fixtures 4

Receptacles 8

Switches 3

Detectors -

Light Poles -

Motors w/ Fract. HP 2

Emergency & Exit Lights 2

Communication Points 1

Alarm Devices/FAC Panel -

Total 20

Pool -

Spa/Hot Tub/Storable Pool -

Electric Range -

Oven/Surface Unit -

Electric Water Heater -

Electric Dryer -

Dishwasher -

Garbage Disposal -

A/C Unit - Central Air -

Space Heater/Air Handler -

Baseboard Heating -

Motors 1+ HP -

Transformer/Generator -

Light Stander - A

Service - A

Subpanel - A

Motor Control Center - A

Sign/Outline Light -

Furnace -

Steam Boiler -

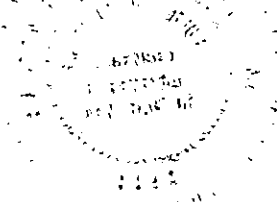
Other: _____

Estimated Cost of Electrical Work: \$5,000

Signature: Ed R. Ott

Please Print Name Edward R. Ott

CONTRACTOR'S SEAL



7-
JAN 1968
RECEIVED
FBI - NEW YORK

FIRE

Contractor: _____
Address: _____
Phone #: _____
Lic #: _____
Federal Emp # or SSN _____

Technical Data

Description of Work:

Water Supply Source _____
Method of Valve Supervision _____
Local Alarm Supervision _____
Central Supervision: _____
Proprietary Supervision: _____

Flammable Storage Tanks	capacity	fuel
Combustible Storage Tanks	capacity	fuel
LPG Storage Tanks	capacity	fuel

Item	Quantity
------	----------

Wet Sprinkler Heads _____
 Dry Sprinkler Heads _____
 Total _____

Smoke Detectors	
Heat Detectors	
Total	

Stand Pipes _____
Kitchen Hood Exhaust System _____

Pre-Engineered Systems:
 CO2 Suppression _____
 Halon Suppression _____
 Foam Suppression _____
 Dry Chemical _____
 Wet Chemical _____

Gas/ Oil Fired Appliances:
Number of gas/oil fired appliances

Furnace _____
Gas/Wood Fireplace _____
Gas Logs _____
Wood Burning Stove _____
Other: _____

Please Print Name: _____

Print Name: _____

CONTRACTOR'S SEAL

CONFIDENTIAL

TOWNSHIP OF BRICK

5, 6, 6.01, 6.02, 7, 8

Lot

Owner's Name, Address, Phone

Contractor's Name, Address, Phone

Describe type (Single -family home, etc.)

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

Describe type and estimated quantity of material PLYWOOD WALL - 638 SF

TO BE SELECTED BY FairField Refr. ...

Destination of discarded debris: Ocean County Landfill

Hauler's DEP Permit No.: _____

****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.

Date _____

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:

- DISTRIBUTION LIST:
1. Original to Code Enforcement Officer
 2. Construction Code Office
 3. Applicant

6899

FAIRFIELD REFRIGERATION & H.V.A.C., INC.

15 OAK ROAD
FAIRFIELD, NJ 07004

FIRST UNION NATIONAL BANK

55:2/212

CHECK

006899

PAY THREE HUNDRED THIRTY EIGHT AND 00/100 DOLLARS

TO THE
ORDER OF

DATE

CONTROL NO.

AMOUNT

03/10/2000

\$338.00

1028

TOWNSHIP OF BRICK

W. A. Wolfe
AUTHORIZED SIGNATURE

⑈006899⑈ ⑈021200025⑈ 2030000134708⑈

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

Date: 3-13-00

Business/Development: Costco

Owner/Applicant: Fairfield Refrigeration

Property Address: 1722 Rt. 88

Block: 1170 Lot: 5, 6, 6.01, 6.02, 7, 8

DEPOSIT RECEIVED

Mandatory Development Fee

Commercial

Residential

Inclusionary Development Fee

Check Number 6899

Estimated Fee \$ 676.00

Deposit Amount \$ 338.00

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

Alexander J. Gustafson

3-13-00

AHBT PRELIMINARY APPROVAL