

BLOCK

671

LOT

8

ADDRESS (SITE)

BRICK PLAZA, ROUTE 70
AND CEDAR BRIDGE

PERMIT NO.

2030-92

Chuck E Cheese

CONSTRUCTION PERMIT
APPLICATION

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

I. IDENTIFICATION

1. Proposed Work-site at: BRICK PLAZA
2. Name of Owner in Fee: SHOWBIZ PIZZA TIME, INC. Tel. (214) 255-1468
Address 4441 WEST AIRPORT FREEWAY, IRVING TX. 75062
street municipality zip code
3. Ownership in Fee: Public ☒ Private ☐
4. Principal Contractor: SHOWBIZ PIZZA TIME, INC. Tel. (214) 255-1468
Address 4441 WEST AIRPORT FREEWAY, IRVING TX. 75062
- License No. OR, if new home, Builder Reg. No. _____ Exp. Date _____
- Federal Emp. No. _____ Social Security No. _____
5. Architect or Engineer DAVID SCOTT WINDLE, A.I.A. Tel. (214) 630-2902
Address 1327 EMPIRE CENTRAL, SUITE 104, DALLAS TX 75247-4050
6. Responsible Person
In Charge of Work DONALD MEGUIDA Tel. (506) 651-9772
(PROJECT MANAGER, SHOWBIZ PIZZA TIME.)

II. PROPOSED WORK

1. ☐ Minor Work (single trade)
2. ☐ Small Job (\$5,000 and no prior approvals)
3. ☐ New Building
4. ☐ Addition
5. ☒ Alteration
6. ☒ Fire Protection
7. ☒ Plumbing
8. ☒ Electrical
9. ☐ Asbestos Abatement
10. ☒ Demolition

Est. Cost

220,000

40,000

50,000

15,000

TOTAL COSTS

325,000

OPTIONAL (for office use only)

tenant fit up

Plans Rec'd By	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
JH			9/25/92	R/K	1-4-93		JH
			10/12/92	CF	1-7-93		JH
					1-7-93		JH

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

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$ 1650-		
2. Electrical			
3. Plumbing			
4. Fire Protection			
5. Other			
6. Subtotal	\$ 1650-		
7. Less 20% for State Plan Review	5-		
8. Subtotal	\$		
9. DCA Training Fee		360	32
10. Subtotal	\$		
11. Cert. of Occupancy	20-		
12. Other			
13. TOTAL	\$ 1675-		

VI. BUILDING/SITE CHARACTERISTICS

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

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:

RESTAURANT - GAMES

2. Use Group: A-3

3. Change in Use Group, Indicate Former:

CERTIFICATION IN LIEU OF OATH

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

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

Mark the following applicable boxes:

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

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

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

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

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

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

I further certify that I will perform the following work:

C.3. ☐ Electrical C.4. ☐ Plumbing

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

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

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

Signature _____ Date _____

II. AGENT SECTION

(to be completed if the applicant is not the owner in fee)

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

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

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

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

☒ Check if contractor.

Agent Name DONALD MEGLIOLA

Address 7 EASTREICH LANE NAYCK MA 01760 (HOME)

4441 WEST AIRPORT FREEWAY DALLAS TX. 75015

Telephone (508) 651-9772 (HOME) (214) 255-1468

Signature [Signature] Date Sept. 15, 1992

FACE CALL / 1-800-759-7249 / PIN # 844 9634

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	
☒ Planning Board	SPX	9/7/92							
☐ Zoning Board									
☐ Sewer Authority									
☐ Water Authority									
☐ Fire Department									
☐ Police Department									
☐ Health Department									
☐ Soil Conservation									
☐ N.J. Dept. of Community Affairs									
☐ N.J. Department of Transportation									
☐ N.J. Dept. of Environmental Protection									
☐ Utility Dig No.									
☒ Other <i>2216</i>	SK	9/10/92	comm. a/h,	revit.					
☐									
☐									

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

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

X. CERTIFICATES ISSUED (office use only)

DATE EXPIRED

☐ Temporary Certificate of Occupancy	No. _____	_____
☐ Temporary Certificate of Occupancy	No. _____	_____
☐ Continued Certificate of Occupancy	No. _____	_____
☐ Certificate of Occupancy	No. _____	_____
☐ Certificate of Approval	No. _____	_____
☐ None		



CERTIFICATE

Date Issued 1-8-93
Control #
Permit # 2030-92

IDENTIFICATION

Block 671 Lot 8
Work Site Location Chambersbridge Rd. & Rt. 70
Owner in Fee Showbiz Pizza Time, Inc.
Address 4441 West Airport Freeway
Irving, Texas 75062
Tele. ()
Contractor same
Address
Tele. ()
Lic. No. or Bldrs. Reg. No.
Federal Emp. No.
or Social Security No.

Home Warranty No. N/A
Use Group A-3 2 hours
Maximum Live Load
Description of Work/Use:

Tenant fit-up "Chuck E. Cheese"
Restaurant and Games

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

CERTIFICATE OF OCCUPANCY/APPROVAL

☐ CERTIFICATE OF OCCUPANCY

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

☐ CERTIFICATE OF CONTINUED OCCUPANCY

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

☐ TEMPORARY CERTIFICATE OF OCCUPANCY

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

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

CONSTRUCTION OFFICIAL

"CHUCK E. CHEESE"



CONSTRUCTION PERMIT

Date Issued 10-1-92
Control #
Permit # 2030-92

IDENTIFICATION Block 671 Lot 8

Work Site Location Pt 70 & Chambersbridge Rd Contractor Name
Address _____

Owner in Fee Shoreline Plaza
Address 4441 W. 2nd St. #1000 Tel. (____) _____

Tele. (____) 500-1500 Lic. No. or Bldrs. Reg. No. _____ Exp. Date 10/01/93
Federal Emp. No. _____ or Social Security No. _____

is hereby granted permission to perform the following work:

☒ BUILDING ☐ PLUMBING ☐ OTHER
☐ ELECTRICAL ☐ FIRE PROTECTION

DESCRIPTION OF WORK:

Tenant fit-up

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 \$ 325,000.

CONSTRUCTION OFFICIAL

PAYMENTS (Office Use Only)			1
Building	<u>1650.00</u>	LOT	1.00
Plumbing		B #	
Electrical		BUILDING	165.00
Fire Protection		PLAN REV	5.00
Other	<u>5-</u>	C / O	2.00
Other		TOTAL	167.00
DCA Training Fee		CHECK	167.00
Cert. of Occ.	<u>20</u>	CHANGE	1.00
Other	<u>10/02/92</u>	NO. 5	0017A005 1.29
Total			
Check No.	<u>4604</u>		
Cash			
Collected By:			

Chuck E. Chewer



PERMIT UPDATE

Date Update Issued 10/29/92
Control #
Permit # 2030-92
Date Permit Issued 10/1/92

IDENTIFICATION Block 671 Lot 8
Work Site Location DECK PLAZA
RT. 90 F CEDAR BRIDGE RD.
Owner in Fee Shaw Bit Field
Address 4441- WEST Airport Freeway
IRVINGTON TX 75062
Tele. (214) 855-1146

Contractor Lower PLC & HTG
Address 187- BERGEN AVE
RIDGEFIELD PK. NJ
Tele. (201) 641-4040
Lic. No. or Bldrs. Reg. No. 7646
Federal Emp. No. 22-8475787
or Social Security No. 2030-#

is hereby granted permission to perform the following work:

☐ BUILDING ☒ PLUMBING ☐ Other
☐ ELECTRICAL ☐ FIRE PROTECTION

DESCRIPTION OF WORK:

Estimated Cost of Work \$ 40,000.00

CONSTRUCTION OFFICIAL

PAYMENTS (Office Use Only)			
Building		671 #	0.00
Plumbing	<u>325</u>	<u>TOT</u>	0.00
Electrical		8 #	
Fire Protection		PLUMBING	3'5.00
Other		TOTAL	3'5.00
Other		CHECK	3'5.00
DCA Training Fee		CHANGE	0.00
Cert. 10/08/92	NO. 15	0007A005	4:30
Other			
Total	<u>375</u>		
Check No.	<u>2356</u>		
Cash			
Collected By:	<u>DC</u>		



PERMIT UPDATE

Date Update Issued 1-12-93
Control #
Permit # 2030-92
Date Permit Issued 10-1-92

IDENTIFICATION Block 671 Lot 48
Work Site Location Rich Plaza Contractor Same
Chicago & Choate, D Address _____
Owner in Fee Chicago & Choate, D
Address 4441 1st St (Rich Plaza) Chicago Tele. (____) _____
Chicago, IL 60641 Lic. No. or Bids. Reg. No. _____
Tele. (____) _____ Federal Emp. No. _____
or Social Security No. _____

is hereby granted permission to perform the following work:

☐ BUILDING ☐ PLUMBING
☐ ELECTRICAL ☐ FIRE PROTECTION

☒ Other DCM fees

DESCRIPTION OF WORK:

DCA

fees.

260
36
32
328
81 Pq
247 due.

Estimated Cost of Work \$ _____

CONSTRUCTION OFFICIAL

PAYMENTS (Office Use Only)

Building	_____	
Plumbing	_____	
Electrical	_____	
Fire Protection	_____	
Other	_____	0.00
Other	_____	0.00
DCA Training Fee	<u>247</u>	
Cert. of Occ.	_____	
Other	_____	
Total	<u>247</u>	
Check No.	<u>#14708</u>	
Cash	_____	
Collected By:	<u>[Signature]</u>	



PERMIT UPDATE

Date Update Issued 1-7-93

Control #

Permit # 2030-92

Date Permit Issued 1029-92

IDENTIFICATION Block 641 Lot E

Work Site Location 11111 11111

Contractor ATLANTIC CONSTRUCTION

Address 11111 11111

Owner in Fee 11111 11111

Address 11111 11111

Tele. (111) 272-1111

Address 11111 11111

Lic. No. or Bldrs. Reg. No. 11111

Tele. (111) 111-1111

Federal Emp. No. 11111

or Social Security No. 111111111

Is hereby granted permission to perform the following work:

☐ BUILDING ☐ PLUMBING ☐ Other 11111

☐ ELECTRICAL ☐ FIRE PROTECTION

DESCRIPTION OF WORK:

Check Valve 36" dia

Estimated Cost of Work \$ 100

11111
CONSTRUCTION OFFICIAL

PAYMENTS (Office Use Only)		
Building	<u>11111</u>	0.00
Plumbing	<u>25</u>	0.00
Electrical	<u>0</u>	
Fire Protection	<u>PLUMBING</u>	25.00
Other	<u>TOTAL</u>	25.00
Other	<u>CASH</u>	25.00
DCA Training Fee	<u>CHANGE</u>	0.00
Cert. of Occ./Reg. No. 5	<u>00202005</u>	16:17
Other	<u>11111</u>	
Total	<u>.25</u>	
Check No.	<u>11111</u>	
Cash	<u>11111</u>	
Collected By:	<u>11111</u>	

Chuck E. Cheese



**BUILDING
SUBCODE
TECHNICAL SECTION**



Date Received
Date Issued **10-1-92**
Control #
Permit # **2030-92**

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

Block **C 71** Lot **8**
Work Site Location **BEICE PLAZA, ROUTE 70, AND CEDAR ROAD**
Owner in Fee **SHOWBIZ PIZZA TIME INC.**
Address **4441 WEST WARENET TREASURY**
IRVING TX, 75015
Tele. **(214) 255-1448**
Contractor **SHOWBIZ PIZZA TIME INC.**
Address **4441 WEST WARENET TREASURY**
IRVING TX, 75015
Tele. **(214) 255-1448 (local) (808) 651-9772**
Lic. No. or Bldrs. Reg. No. _____
Federal Emp. No. _____ or Social Security No. _____

JOB SUMMARY (Office Use Only)		PLAN REVIEW		Date		Initial		INSPECTIONS		Failure		Failure		Approval		Initial	
☒ No Plans Req.																	
☒ All																	
☐ Footing																	
☐ Foundation																	
☐ Frame																	
☐ Other																	
Joint Plan Review Required:																	
☐ Elec. ☐ Plumb. ☐ Fire																	
SUBCODE APPROVAL																	
☐ CO ☐ CCQ ☒ CCQ																	
Date: 9/23/92																	
Approved By: <i>[Signature]</i>																	

B. BUILDING CHARACTERISTICS

Use Group **Empty** Present **Empty** Proposed **RESTAURANT**
Constr. Class **ONE** Present **ONE** Proposed **ONE**
No. of Stories **ONE** Ft. **ONE**
Height of Structure **ONE** Ft. **ONE**
Area—Largest Floor **ONE** Sq. Ft. **ONE**
Total Bldg. Area/All Floors **ONE** Sq. Ft. **ONE**
Volume of Structure **ONE** Cu. Ft. **ONE**
Total Land Area Disturbed **ONE** Sq. Ft. **ONE**

Est. Cost of Bldg. Work:
1. New Bldg. \$ **325,000**
2. Alteration \$ **325,000**
3. Total (1+2) \$ **650,000**

C. CERTIFICATION IN LIEU OF OATH

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

D. TECHNICAL SITE DATA

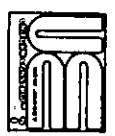
DESCRIPTION OF WORK
RESTAURANT AREAS AND PREPARATION FOR A, CHUCK E. CHEESE

TYPE OF WORK:		(Office Use Only)	
		FEE	
☐ New Building			
☐ Addition			
☐ Alteration			
☐ Roofing			
☐ Siding			
☐ Other			
☐ Demolition			
☐ Miscellaneous			
☐ Fence	Height		
☐ Sign	Sq. Ft.		
☐ Pool			
☐ Elevator			
☐ Asbestos Abatement			
☐ Other			

Administrative Surcharge	
Paid ☐ Check # _____	Minimum Fee \$ _____
Collected by: _____	TOTAL FEE \$ _____

4/10
11/2/92
11/2/92

A. IDENTIFICATION—APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-222-1000.



**FIRE PROTECTION
SUBCODE
TECHNICAL SECTION**



Date Received
Date Issued
Control #
Permit #

11/9/92
2030-92

Block _____ Lot _____
Work Site Location At State Highway 70 & Chambers
BRIDGE ROAD BRICK PAVING
Owner in Fee SHAW 312 PIZZAZ TIME INC
Address 3433 SANSER AVE
TEXAS 75062
Tele. (905) 922-1304
Contractor MILLEN SERVICE
3433 SANSER AVE
Address CLEAN TWP N.D. 07712
Tele. (905) 745-1304
Lic. No. _____
Federal Emp. No. 222125-238 or Social Security No. _____

B. FIRE PROTECTION CHARACTERISTICS

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

JOB SUMMARY (Office Use Only)

PLAN REVIEW:		INSPECTIONS:		Dates (Month/Day)	
[] No Plans Required	Type:	Failure	Failure	Approval	Initial
[] Bldg. [] Plumb. [] Elec.	Suppression Test				
[] Fire Plans Approved	Fire Alarm Test				
Date: <u>10/13/92</u>	Smoke Test			<u>12-22-92</u>	
Approved by: _____	Mechanical			<u>12-22-92</u>	
SUBCODE APPROVAL:	TCO			<u>12-22-92</u>	
[] CO [] CA	Other				
Date: <u>10/29/92</u>	Other				
Approved by: <u>12-21-92</u>	Other				

C. CERTIFICATION IN LIEU OF OATH

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

as per call
895-9816-02

SIGNATURE

D. TECHNICAL SITE DATA

Description of Work

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

Flammable Liquid Storage Tanks () Capacity _____ Fuel _____
Combustible Liquid Storage Tanks () Capacity _____ Fuel _____
L.P.G. Storage Tanks () Capacity _____ Fuel _____
L.N.G. Storage Tanks () Capacity _____ Fuel _____

Wet Sprinkler Heads _____
Dry Sprinkler Heads _____
TOTAL _____

Smoke Detectors _____
Heat Detectors _____
TOTAL _____

Stand Pipes _____
Kitchen Hood Exhaust Systems _____

Pre-Engineered Systems

CO₂ Suppression _____
Halon Suppression _____
Foam Suppression _____
Dry Chemical _____
Wet Chemical _____

Gas or Oil Fired Appliance _____
OTHER None

Number
FEE (Office Use Only)

Administrative Surcharge \$ _____
Paid [] Check # _____ Minimum Fee \$ _____
Collected by _____ TOTAL FEE \$ _____

132.00
33.00
211

COMMENTS

DATE

JOB CONDITIONS COMMENTS

12-18-92 Wetness Test on Sprinkler Sys. 200 PSI for 2 hrs.
 Water Flow Alarm & Bell wiring not hooked up
 to Electric O.K. in Temp. Acceptance till were so
 Connected on alarm.
 12-22-92 Bell & water Alarm Alarm hooked up checked.



PLUMBING
SUBCODE
TECHNICAL SECTION



Date Received
Date Issued
Control #
Permit #

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

Block 671 Lot 2030-92

Work Site Location MI STATE HWY 70 & CHAMBERS

Builder 5400 1312 PIZANA TIANE INC.

Owner in Fee 5400 1312 PIZANA TIANE INC.

Address 3433 SANSET TEXAS 75062

Tele. (905) 922-1304

Contractor MILLEN SERVICE

Address 3433 SANSET AVE

Address OCEAN TWP. N.J. 07712

Tele. (905) 922-1304

Lic. No. _____

Federal Emp. No. 22-2185-238 or Social Security No. _____

B. PLUMBING CHARACTERISTICS

Use Group Present _____ Proposed _____

Building Sewer Size _____

Water Service Size _____

Estimated Cost of Plumbing Work \$ _____

JOB SUMMARY (Office Use Only)

PLAN REVIEW: _____

Joint Plan Review Required: _____

_____ Bldg. _____ Elec. _____ Fire

_____ Plumb. Plans Approved

Date: 10/29/92

Approved by: [Signature]

C. CERTIFICATION IN LIEU OF OATH

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

Signature-Contractor Seal

D. TECHNICAL SITE DATA (List all fixtures.)

NO.

FIXTURE/EQUIPMENT

Water Closet

Urinal/Bidet

Bath Tub

Lavatory

Shower

Floor Drain

Sink

Dishwasher

Drinking Fountain

Washing Machine

Hose Bibb

Gas Piping

Fuel Oil Piping

Water Heater

Steam Boiler

Hot Water Boiler

Sewer Pump

Interceptor/Separator

Backflow Preventer

Greasetrap

Water Cooled A/C or Refrigeration Unit

Sewer Connection

Water Service Connection

Gas Service Connection

Active Solar System

Other

FEE (Office Use Only)

U.C.C. Form F-130A

1 White=Inspector Copy
3 Pink=Office Copy

2 Canary=Office Copy
4 Gold=Applicant Copy



**PLUMBING
SUBCODE
TECHNICAL SECTION**



Date Received 1-7-93
Date Issued
Control #
Permit # 2030-92

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

Block 671 Lot 8
Work Site Location Bluff Plaza

Owner in Fee Shaw Biz Plaza
Address 4441 West Alhambra Freeway
Irving, TX 75062

Tele. (214) 255-1408
Contractor Agustin Const.
2700 East St.
Address Buena Vista, MA

Tele. (417) 272-3131
Lic. No. _____
Federal Emp. No. _____ or Social Security No. _____

B. PLUMBING CHARACTERISTICS

Use Group Present _____ Proposed _____
Building Sewer Size _____
Water Service Size _____
Estimated Cost of Plumbing Work \$ _____

JOB SUMMARY (Office Use Only)

PLAN REVIEW:		INSPECTIONS:	
	Type:	Failure	Dates (Month/Day)
			Initial
☐ No Plans Required	Slab		
☐ Joint Plan Review Required:			
☐ Bldg. ☐ Elec. ☐ Fire	Rough		
☐ Plumb. Plans Approved	Water		
Date: <u>1-7-93</u>	Sewer		
Approved by: <u>[Signature]</u>	Fixtures		
	Gas Equipment		
	Gas Final		
	Solar		
	TCO		
SUBCODE APPROVAL: ☐ CO ☐ CCO <u>CA</u> Approved by: <u>[Signature]</u> Date: <u>1-7-93</u>			

C. CERTIFICATION IN LIEU OF OATH

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

☐ Licensed Plumbing Contractor ☐ Exempt Applicant

Signature-Contractor Seal

D. TECHNICAL SITE DATA (List all fixtures.)

NO.

FIXTURE/EQUIPMENT

FEE (Office Use Only)

Water Closet	
Urinal/Bidet	
Bath Tub	
Lavatory	
Shower	
Floor Drain	
Sink	
Dishwasher	
Drinking Fountain	
Washing Machine	
Hose Bibb	
Gas Piping	
Fuel Oil Piping	
Water Heater	
Steam Boiler	
Hot Water Boiler	
Sewer Pump	
Interceptor/Separator	
Backflow Preventer	
Greasetrap	
Water Cooled A/C	
or Refrigeration Unit	
Sewer Connection	
Water Service Connection	
Gas Service Connection	
Active Solar System	
Other <u>Check Valve</u>	<u>25-</u>

Administrative Surcharge \$ 25-
Paid ☐ Check # _____ Minimum Fee \$ _____
Collected by: _____ TOTAL \$ _____

U.C.C. Form F-130A

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

ANWA

NO. 10

1-6-93

Shaw - Check OK

Chuck E. Cheele



PLUMBING
SUBCODE
TECHNICAL SECTION



Date Received
Date Issued
Control #
Permit #

2030-92

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

Block 671 Lot 8

Work Site Location Beick Plaza, Bridge Rd.,

Owner in Fee SHOULD BIZ PIZZ

Address 4441- WEST AIRPORT FREEWAY

LEVINGTON TX 75062

Telephone (214) 255-1468

Contractor LAURENCE NG & HTTY

Address 1871 BERGEN AVE.

CINCINNATI OH 45219

Telephone (601) 641-4040

Lic. No. 7646

Federal Emp. No. 28-8496787 or Social Security No. _____

B. PLUMBING CHARACTERISTICS

Use Group Present 4" Proposed _____

Building Sewer Size 2"

Water Service Size _____

Estimated Cost of Plumbing Work \$ 40,000.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW:

☐ No Plans Required

Joint Plan Review Required:

☐ Bldg. ☐ Elec. ☐ Fire

☐ Plumb. Plans Approved

Date: 10/20/92

Approved by: CF

INSPECTIONS:

Type:

Slab

Rough

Water

Sewer

Fixtures

Gas Equipment

Gas Final

Solar

TCO

CO

12-28-92

Dates (Month/Day)

Failure

Failure

Approval

Initial

11-2-92

11/17/92

12-19-92

12-28-92

12-28-92

12-28-92

12-28-92

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C. CERTIFICATION IN LIEU OF OATH

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

* Licensed Plumbing Contractor [] Exempt Applicant

Signature-Contractor Seal

D. TECHNICAL SITE DATA (List all fixtures.)

FIXTURE/EQUIPMENT

Water Closet

Urinal/Bidet

Bath. Tub

Lavatory

Shower

Floor Drain

Sink

Dishwasher

Drinking Fountain

Washing Machine

Hose/Btng Svc. Bsc

Gas Piping

Foot-Off Piping

Baseg Disp

Water Heater

Steam-Boiler

Pressure Cooker

Hot-Water Boiler

Pressure Cooker

Sewer-Pump

Spring Valve

Interceptor/Separator

Backflow Preventer

Greasetrap

Water Cooled A/C

or Refrigeration Unit

Sewer Connection

Water Service Connection

Gas Service Connection

Active Solar System

Other

FEE (Office Use Only)

1730

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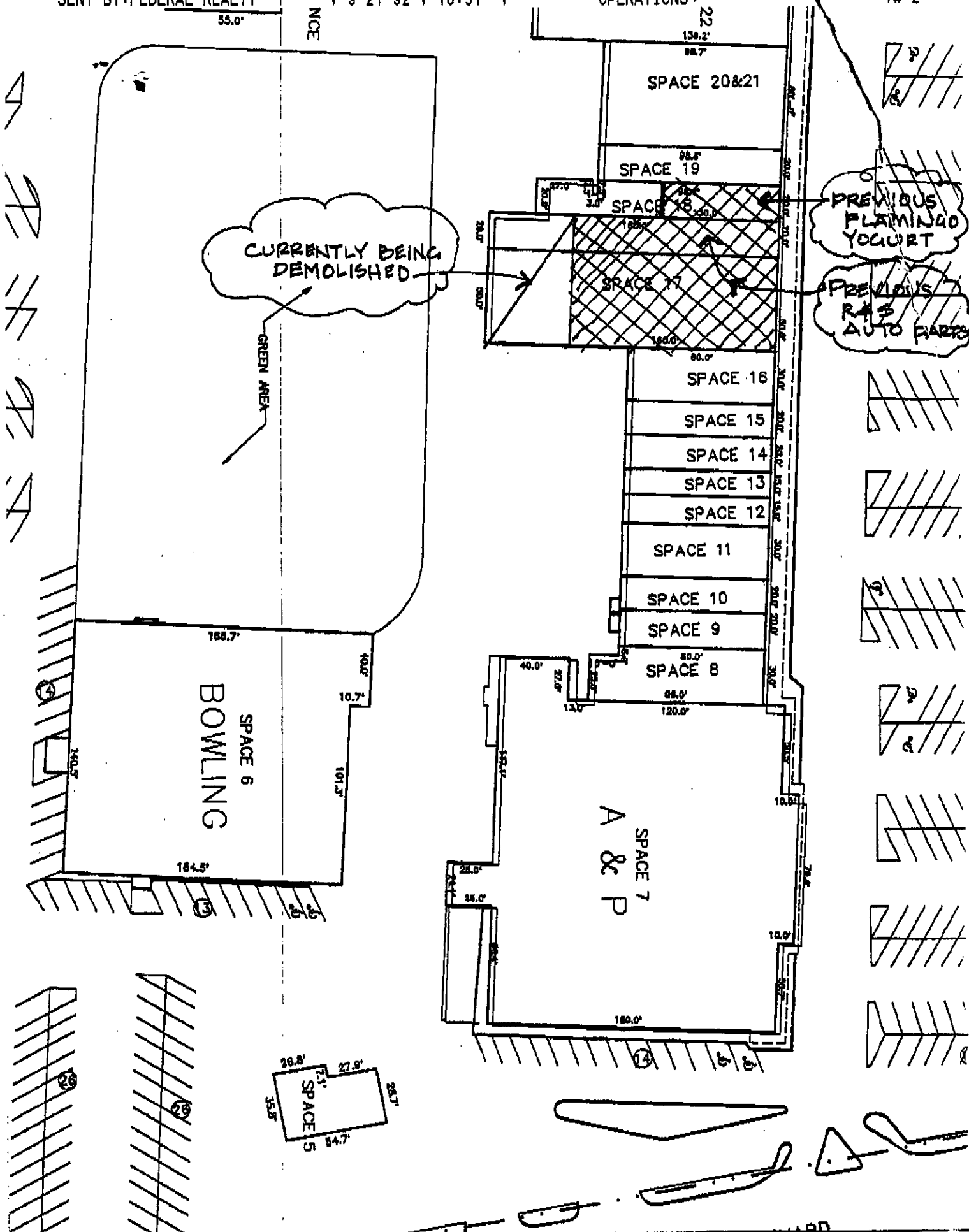
20.

Administrative Surcharge

Paid [] Check # _____ Minimum Fee

Collected by: _____ TOTAL \$

FD. Reg. - # 70.157.



DAVID SCOTT WINDLE, AIA

ARCHITECT

Architecture
Interiors
Facilities1327 Empire Central
Suite 104
Dallas Texas 75247-4050214/630-2902
Fax 214/637-4932

RECEIVED

SEP 25 1992

DIV. OF INSPECTION

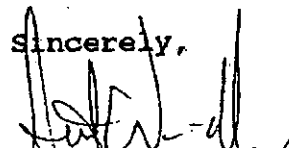
24 September 1992

Chuck E. Cheese's Restaurant
Brick Plaza
Job. No. 92048.00Mr. Ray Koroaowski
Township of Brick, NJ

Mr. Koroaowski,

Pursuant to a conversation between yourself and Don Magliola, construction manager for ShowBiz Pizza Time, we acknowledge the requirement for a 3-hour demising wall between our proposed construction and adjacent tenants of the building. These demising walls shall conform to U.L. Design No. U904 (attached), or equivalent. Drawings shall be revised to reflect this requirement. If we can be of any further help in resolving this matter, please call me at this office.

Sincerely,


David Scott Windle, AIA

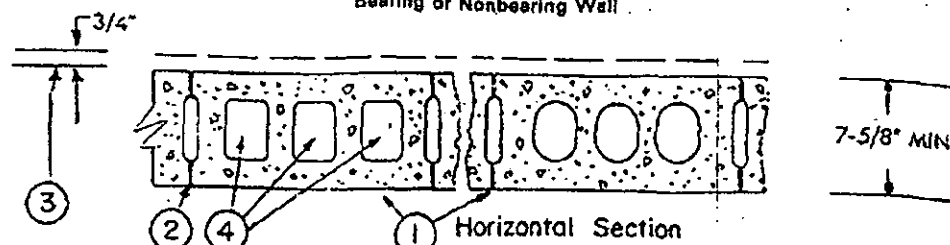
Amcor, Inc., Sub. of Oldcastle
Pumice Products Co.

*Bearing the UL Classification Marking

Design No. U904

Assembly Rating—3 Hr.

Bearing or Nonbearing Wall

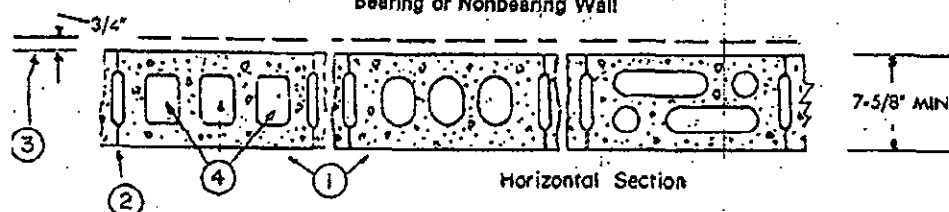


1. Concrete Blocks*—Various designs. Classification C-3 (3 hr).
See Concrete Blocks category for list of eligible manufacturers.
 2. Mortar—Blocks laid in full bed of mortar, 1/2 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
 - 2A. Mortar Mixture*—(Alternate to Mortar—item 2)—not more than 130 lbs of sand and 5 gal of water to 76 lbs (one bag) of mortar mixture.
Cemtech Laboratories, Inc.
 3. Portland Cement Stucco or Gypsum Plaster—Add 1/2 hr to Classification if used.
 4. Loose Masonry Fill—If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kiln Process), water repellent vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 1 hr to Classification.
- *Bearing the UL Classification Marking

Design No. U905

Assembly Rating—2 Hr.

Bearing or Nonbearing Wall

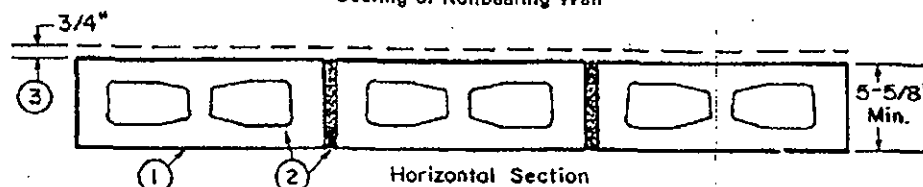


1. Concrete Blocks*—Various designs. Classification D-2 (2 hr).
See Concrete Blocks category for list of eligible manufacturers.
 2. Mortar—Blocks laid in full bed of mortar, 1/2 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
 - 2A. Mortar Mixture*—(Alternate to Mortar—item 2)—not more than 130 lbs of sand and 5 gal of water to 76 lbs (one bag) of mortar mixture.
Cemtech Laboratories, Inc.
 3. Portland Cement Stucco or Gypsum Plaster—Add 1/2 hr to classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr.
 4. Loose Masonry Fill—If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kiln Process), water repellent vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 2 hr to classification.
- *Bearing the UL Classification Marking

Design No. U906

Assembly Rating—2 Hr.

Bearing or Nonbearing Wall



1. Concrete Blocks*—Nominal 6 by 8 by 16 in.

LOOK FOR MARK ON PRODUCT

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



Stevan J. Zboyan, Mayor

Township Council:

Albert Chrobocinski, President
Victor Cantillo
Helen Fayad November 9, 1992
Lee Hartman
Thomas G. Maiorine
Mary Lou Powner
Warren H. Wolf

Department of Administration & Finance

Division of Inspections
A.J. Cierzo
Construction Official
(908) 477-3000, Ext. 260
Fax: (908) 920-4850

David Scott Windle, AIA
1327 Empire Central
Suite 104
Dallas, Texas 75247-4050

Re: Chuck E Cheese
Brick Plaza
Job No. 92048.00

Dear Mr. Windle:

As per your letter dated November 6, 1992, in order to consider your concerns, a complete plot must be submitted to determine the footprint as my concern is in the size of a 5B construction.

The building precedes code and you are requesting a more restrictive occupancy. The building according to Area modifications may not meet necessary criteria as per BOCA 502.2.

Also note, 504.1 excludes 5B when, in fact, the building appears to be 5B. In order to reduce fire walls, the following information will have to be submitted:

Fire Separation Distance per 905.2, 0 to 5 feet
M Use is 3 hours, A use is 2 hours

Therefore, the most restrictive applies. (refer to your letter dated September 24, 1992)

Be advised all prior correspondence to this office and all BOCA codes referred to are attached for your convenience.

If I may be of further assistance, please do not hesitate to contact me.

Very truly yours,

Ray Korkowski
RAY KORKOWSKI
Building SubCode Official

RK/dmc

cc: Arthur J. Cierzo, Construction Code Official
Chuck E. Cheese file

501.3 Height limitations: The *height* in feet and the number of *stories above grade* specified in Table 501 shall apply to all buildings and to all separate parts of a building that are enclosed within lawful *fire walls* complying with the provisions of Article 9. A basement shall be considered as a *story above grade* when the finished surface of the floor above the basement is more than 6 feet (1829 mm) above *grade plane*; or more than 6 feet (1829 mm) above the finished ground level for more than 50 percent of the total building perimeter; or more than 12 feet (3658 mm) above the finished ground level at any point.

501.4 Multistory buildings: The *area* limitations for buildings two stories in *height* shall be the same as the *area* limitations provided in Table 501 for one-story buildings. In buildings over two stories in *height*, the *area* limitations of Table 501 for one-story buildings shall be reduced as specified in Table 501.4.

Table 501.4
PERCENT REDUCTION OF AREA LIMITATIONS

No. of stories	Type of construction		
	1A & 1B	2A	2B, 2C, 3A, 3B, 4, 5A, 5B
1	None	None	None
2	None	None	None
3	None	5%	20%
4	None	10%	20%
5	None	15%	30%
6	None	20%	40%
7	None	25%	50%
8	None	30%	60%
9	None	35%	70%
10	None	40%	80%

501.5 Type 1 construction: Buildings of Type 1 construction which are permitted to be of unlimited tabular *heights* and *areas* by Table 501, are not subject to the special requirements that allow increased *heights* and *areas* for other types of construction.

SECTION 502.0 AREA MODIFICATIONS

502.1 General: The provisions of this section shall modify the *area* limitations of Table 501 as herein specified.

502.2 Street frontage increase: Where a building or structure has more than 25 percent of the building perimeter fronting on a street or other unoccupied space, the *area* limitations specified in Table 501 shall be increased 2 percent for each 1 percent of such excess frontage. The unoccupied space shall be on the same *lot* or dedicated for public use, and shall not be less than 30 feet (9144 mm) in width accessible from a street by a posted fire lane not less than 18 feet (5486 mm) in width.

502.3 Automatic sprinkler system: Where a building of other than Use Group H is equipped throughout with an *automatic sprinkler system* installed in accordance with Section 1004.2.1, the *area* limitation specified in Table 501 shall be increased

905.1.1 Omission of exterior walls: The provisions of this code shall not be deemed to prohibit the omission of exterior walls for all or part of a story where the provisions of Section 905.2 do not require a nonloadbearing exterior wall to provide a fire resistance rating, and where the provisions of Sections 905.3 and 905.4 do not limit the maximum percentage of unprotected openings. Except as otherwise specifically permitted in Section 912.5, the piers, columns and other structural elements within the open portion shall be constructed with the fire resistance rating required for exterior bearing walls in Table 401.

*

905.2 Fire resistance ratings: The fire resistance rating of exterior walls shall comply with Table 905.2. Loadbearing exterior walls shall also comply with the fire resistance rating requirements of Section 401.0. The fire resistance rating of exterior walls with a *fire separation distance* of greater than 5 feet (1524 mm) shall be rated for exposure to fire from the inside. The fire resistance rating of exterior walls with a *fire separation distance* of 5 feet (1524 mm) or less shall be rated for exposure to fire from both sides.

Table 905.2
EXTERIOR WALL FIRE RESISTANCE RATINGS (hours)

Fire separation distance (feet) ^a	Use group				
	H	F-1, M, S-1	R-2	R-3	A, B, E, F-2, I, R-1, S-2
0 to 5	4	3	1	1	2
Greater than 5 to 10	3	2	0	0	1
Greater than 10 to 15	2	1	0	0	0
Greater than 15 to 30	1	0	0	0	0
Greater than 30	0	0	0	0	0

Note a. 1 foot = 304.8 mm.

905.2.1 Wall support: The wall shall extend to the height required by Section 905.6, and shall be supported such that the wall will remain in place for the duration of time indicated by the required fire resistance rating.

905.2.2 Automatic fire suppression: In buildings equipped throughout with an *automatic sprinkler system* in accordance with Section 1004.2.1, the required fire resistance rating of nonloadbearing exterior walls shall be reduced by 1 hour, but to not less than 1 hour when the *fire separation distance* is 5 feet (1524 mm) or less. This reduction shall not apply to buildings of Use Group H.

905.2.3 Unexposed surface temperature: Where protected openings are not limited by Table 905.3, the limitation on the rise of temperature on the unexposed surface of exterior walls as required by ASTM E119 listed in Appendix A shall not apply. Where protected openings are limited by Table 905.3, the limitation on the rise of temperature on the unexposed surface of exterior walls as required by ASTM E119 listed in Appendix A shall not apply provided that a correction is made for radiation from the unexposed exterior wall surface in accordance with the following formula:

$$A_e = A + (A_f \times F_{eo})$$

200 percent for one- and two-story buildings and 100 percent for buildings more than two stories in *height*.

502.4 School buildings: Where every classroom of a one-story school building of Use Group E has at least one door opening directly to the exterior of the building, the *area* limitations specified in Table 501 shall be increased 200 percent. Not less than one-half of the required *exits* from any assembly room included in such buildings shall also open directly to the exterior of the building.

SECTION 503.0 HEIGHT MODIFICATIONS

503.1 Automatic sprinkler systems: Where a building is equipped throughout with an *automatic sprinkler system* in accordance with Section 1004.2.1, the building *height* limitation specified in Table 501 shall be increased one story and 20 feet (6096 mm). This increase shall not apply to buildings of Use Group I-2 of Types 2C, 3A, 4 and 5A construction nor to buildings of Use Group H. The building *height* limitations for buildings of Use Group R specified in Table 501 shall be increased one story and 20 feet (6096 mm) but not to exceed a *height* of four stories and 60 feet (18288 mm) where the building is equipped throughout with an *automatic sprinkler system* installed in accordance with Section 1004.2.2 and the system is supervised in accordance with Section 1020.1, options 1, 2, 3 or 4.

503.2 Auditoriums: The maximum *height* of auditoriums in Use Groups A-4 and E shall be 65 feet (19812 mm) when of Type 2B, 3A, 4 or 5A construction and 45 feet (13716 mm) when of Type 2C, 3B or 5B construction.

503.3 Day care centers: The *height* limitations of Table 501 for day care centers classified as Use Group E, of Type 5 construction, shall be increased one story and 20 feet (6096 mm) provided that the total occupant load is less than 50 persons.

SECTION 504.0 UNLIMITED AREAS

504.1 One-story buildings: In other than Type 5 construction, the *area* of all buildings of Use Groups A-3, B, F, I-2, M and S (not including high-hazard uses), which do not exceed one story or 85 feet (25908 mm) in *height*, shall not be limited, provided that: the *exit* facilities comply with the provisions of Article 8; the building is equipped throughout with an *automatic sprinkler system* in accordance with Section 1004.2.1; and the building is isolated as specified in Section 504.2.

Exceptions

1. Buildings and structures of special industrial uses according to Section 501.1.1 shall be exempt from the above *height* limitations and *fire separation distance* requirements, and the *automatic fire suppression system* shall not be provided when such installations would be detrimental or dangerous to the specific use and occupancy as approved by the code official. Where located with a *fire separation distance* of less than 30 feet (9144 mm), the exterior walls of such buildings shall be *protected* or constructed to provide a fire resistance rating of not less than 2 hours.
2. An *automatic fire suppression system* shall not be required for buildings of Type 2 or Type 4 construction which are used exclusively for the storage of

DAVID SCOTT WINDLE, AIA
ARCHITECT

▼
Architecture
Interiors
Facilities

6 November 1992

1327 Empire Central
Suite 104
Dallas Texas 75247-4050
214/630-2902
Fax 214/637-4932

Mr. Ray Korkowski
Township of Brick
401 Chambers Bridge Road
Brick, New Jersey 08723

Chuck E. Cheese's - Brick, NJ
TVA Job No. 92048.00

Dear Mr. Korkowski:

Pursuant to our conversation of 5 October 1992, it is our understanding that we shall be required to provide for a fire wall separating our A-3 occupancy and adjacent tenants in the structure. Per BOCA (1990), we have drawn the following conclusions:

1. Table 313.1.2, the required fire resistance rating requirements for fire walls between use group (A-3) and use group (M) is required to be 2-hours.
2. Table 401, the required fire resistance rating for fire walls and party walls of type 5B construction is required to be 2-hour.
3. Table 907-1, the required fire resistance rating of a fire wall for an A3 occupancy is required to be 2-hours.
4. We are proposing that tenant demising walls are required to be constructed as 2-hour fire walls. In accordance with the Fire Resistance Design Manual as published by The Gypsum Association Design No. WP 7077 (or equivalent), we are proposing the use of a 3-1/2 inch shaft wall design.
5. Structural truss members penetrating the tenant demising walls are an existing condition. We intend to wrap these members tightly and continue the 2-hour shaft wall construction through the existing roof deck to a height of 2'-8" above the roof.

Please respond by returning a signed copy of this letter, preferably via FAX, with any additional comments or concerns. We would like to resolve this problem as quickly as possible in order for construction to continue. Drawings shall be revised to reflect this condition. If we may be of further help in resolving this matter, please call us at this office.

Sincerely,



Scott Windle, AIA
President

Ray Korkowski

Enclosures

cc: John Rose
Don Megliola

Table 313.1.2
FIRERESISTANCE RATING REQUIREMENTS FOR FIRE SEPARATION
ASSEMBLIES BETWEEN MIXED USES AND FIRE AREAS (hrs.)

Use Group	NA = Not Applicable													
	A-1	A-2	A-3	A-4	A-5	B	E	F-1	F-2	H	I-1	I-2	I-3	M
A-1	NA	3	2	2	2	2	2	2	2	4	2	3	3	2
A-2	3	3	3	3	3	3	3	3	3	4	3	3	3	3
A-3	2	2	2	2	2	2	2	2	2	4	2	3	3	2
A-4	NA	2	2	2	2	2	2	2	2	4	2	3	3	2
A-5	NA	2	2	2	2	2	2	2	2	4	2	3	3	2
B	NA	2	2	2	2	2	2	2	2	4	2	3	3	2
E	NA	2	2	2	2	2	2	2	2	4	2	3	3	2
F-1	2	2	2	2	2	2	2	2	2	4	2	3	3	2
F-2	NA	2	2	2	2	2	2	2	2	4	2	3	3	2
H	NA	2	2	2	2	2	2	2	2	4	2	3	3	2
I-1	NA	2	2	2	2	2	2	2	2	4	2	3	3	2
I-2	NA	2	2	2	2	2	2	2	2	4	2	3	3	2
I-3	NA	2	2	2	2	2	2	2	2	4	2	3	3	2
M	NA	2	2	2	2	2	2	2	2	4	2	3	3	2
R-1	NA	2	2	2	2	2	2	2	2	4	2	3	3	2
R-2	NA	2	2	2	2	2	2	2	2	4	2	3	3	2
R-3	NA	2	2	2	2	2	2	2	2	4	2	3	3	2
S-1	NA	2	2	2	2	2	2	2	2	4	2	3	3	2
S-2	NA	2	2	2	2	2	2	2	2	4	2	3	3	2
U	NA	2	2	2	2	2	2	2	2	4	2	3	3	2

U S E G R O U P

313.1.3.5
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Table 401
FIRERESISTANCE RATINGS OF STRUCTURE ELEMENTS (IN HOURS)

Structure element	Type of construction Section 401.0									
	Noncombustible					Noncombustible/Combustible				
	Type 1 Section 402.0	Type 2 Section 403.0		Type 3 Section 404.0		Type 4 Section 405.0	Type 5 Section 406.0			
	Protected	Protected	Unprotected	Protected	Unprotected	Heavy timber Note c	Protected	Unprotected		
1 Exterior walls	1A	1B	2A	2B	2C	3A	3B	3C	4A	4B
	4	3	2	1	0	2	2	2	1	0
2 Fire walls and party walls (Section 907.0)	Not less than the rating based on fire separation distance (see Section 905.2)					Not less than the rating based on fire separation distance (see Section 905.2)				
	4	3	2	2	2	2	2	2	2	2
3 Fire separation assemblies (Section 909.0)	2	2	2	2	2	2	2	2	2	2
	2	2	2	2	2	2	2	2	1	1
4 Fire partitions (Section 910.0)	Fire resistance rating corresponding to the rating required by Table 313.1.2					Fire resistance rating corresponding to the rating required by Table 313.1.2				
	1	1	1	1	1	1	1	1	1	1
5 Dwelling unit separations (Sections 910.0, 913.0 and Notes f and j)	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1
6 Smoke barriers (Section 911.0 and Note g)	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	0
7 Other nonbearing partitions	Note d					Note d				

Table 401 (cont'd.)
FIRERESISTANCE RATINGS OF STRUCTURE ELEMENTS (IN HOURS)

Structure element	Type of construction Section 401.0									
	Noncombustible					Noncombustible/Combustible				
	Type 1 Section 402.0	Type 2 Section 403.0		Type 3 Section 404.0		Type 4 Section 405.0	Type 5 Section 406.0			
	Protected	Protected	Unprotected	Protected	Unprotected	Heavy timber Note c	Protected	Unprotected		
1 Exterior walls	1A	1B	2A	2B	2C	3A	3B	3C	4A	4B
	4	3	2	1	0	2	2	2	1	0
2 Fire walls and party walls (Section 907.0)	Not less than the rating based on fire separation distance (see Section 905.2)					Not less than the rating based on fire separation distance (see Section 905.2)				
	4	3	2	2	2	2	2	2	2	2
3 Fire separation assemblies (Section 909.0)	2	2	2	2	2	2	2	2	2	2
	2	2	2	2	2	2	2	2	1	1
4 Fire partitions (Section 910.0)	Fire resistance rating corresponding to the rating required by Table 313.1.2					Fire resistance rating corresponding to the rating required by Table 313.1.2				
	1	1	1	1	1	1	1	1	1	1
5 Dwelling unit separations (Sections 910.0, 913.0 and Notes f and j)	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1
6 Smoke barriers (Section 911.0 and Note g)	1	1	1	1	1	1	1	1	1	1
	0	0	0	0	0	0	0	0	0	0
7 Other nonbearing partitions	Note d					Note d				

tance rating of greater than 1 hour, shall be protected with an assembly having a fireresistance rating of not less than 1 1/2 hours. Exterior openings required to be protected by Section 905.3, when located in a wall required by Section 905.2 to have a fireresistance rating of 1 hour, shall be protected with an assembly having a fireresistance rating of not less than 3/4 hour. Exterior openings required to be protected by Section 905.4 or 905.5 shall be protected with an assembly having a fireresistance rating of not less than 3/4 hour.

906.4 Unprotected openings: Where protected openings are not required by Section 905.0, windows and doors shall be constructed of approved materials. Glazing shall conform to the requirements of Articles 20, 21 and 22.

SECTION 907.0 FIRE WALLS AND PARTY WALLS

907.1 General: Walls shall have sufficient structural stability under fire conditions to allow collapse of construction on either side without collapse of the wall, and shall be constructed of any approved noncombustible materials that provide the required strength and fireresistance rating specified in Table 401 for the type of construction, but not less than the fireresistance rating of the use group specified in Table 907.1. Strength and stability shall comply with the provisions of Articles 11 and 21.

Table 907.1
FIRE AND PARTY WALL FIRERESISTANCE RATINGS

Use Group	Minimum fireresistance rating (hours)
A-3, A-4, A-5, B, E, F-2, I-1, I-2, R, S-2	2
A-1, A-2, F-1, I-3, M, S-1	3
H	4

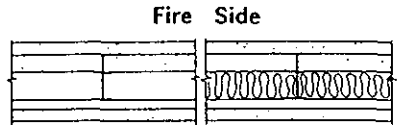
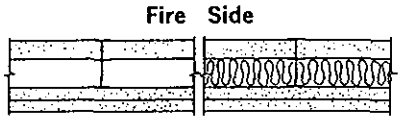
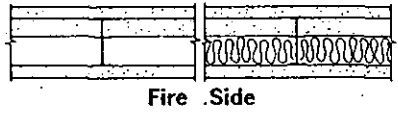
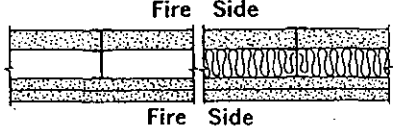
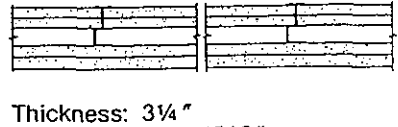
907.2 Cutting walls: A wall that is 8 inches or less in thickness shall not be cut for chases or socketed for insertion of structural members subsequent to erection (see Section 1404.0).

907.3 Hollow walls: The wall shall not be less than the minimum thickness specified in ACI 530/ASCE 5 listed in Appendix A.

907.4 Combustible framing: In addition to the provisions of Section 1703.1.5.1, adjacent combustible members entering into a masonry *fire wall* from opposite sides shall not have less than a 4-inch (102 mm) distance between embedded ends. Where combustible members frame into hollow walls or walls of hollow units, all hollow spaces shall be solidly filled for the full thickness of the wall and for a distance not less than 4 inches (102 mm) above, below and between the structural members, with noncombustible materials approved for *firestopping* in accordance with Section 921.0.

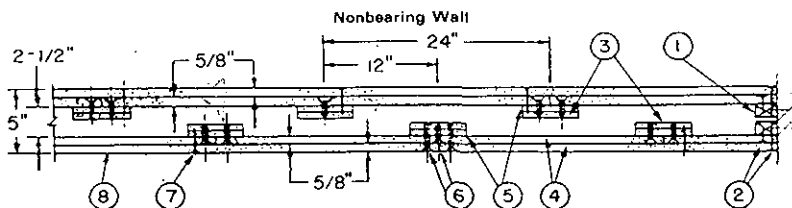
907.5 Combustible insulation: The code official shall permit the application of cork, fiberboard or other combustible insulation where laid up without intervening

SHAFT WALLS

Fire Rating	Sound Rating STC	GA File No.	DETAILED DESCRIPTION†	SKETCH AND DESIGN DATA	
				Fire	Sound
50 to 54		WP 7061 (p)	Construction Type: Gypsum Wallboard, Metal I Studs 1" x 24" type X proprietary gypsum panels inserted between 2½" floor and ceiling track with tab-flange section of 2½" metal I studs between proprietary gypsum panels. One layer of ⅝" type X gypsum wallboard or veneer base applied at right angles to flanges of I studs adjacent to proprietary gypsum panels with 1" type S drywall screws 12" o.c. Resilient channels spaced 24" o.c. horizontally, screw attached, top leg only, to opposite flanges of I studs with ⅝" type S screws. ⅝" type X gypsum wallboard or veneer base applied parallel to resilient furring channels with 1" type S drywall screws 12" o.c. Sound tested using 1½" glass fiber friction fit in stud space. (NLB)	 Fire Side Sound Side	Thickness: 4¼" Limiting Height: refer to mfr. Approx. Weight: 9 psf Fire Test: UC ES-7407, 1-22-76 Sound Test: KAL 437363, 11-4-76
			Construction Type: Gypsum Wallboard, Metal I Studs 1" x 24" type X proprietary gypsum panels inserted between 2½" floor and ceiling track with tab-flange section of 2½" metal I studs between proprietary gypsum panels. Two layers of ⅝" type X gypsum wallboard or veneer base applied to face of metal I studs. Base layer applied at right angles or parallel to studs with 1" type S drywall screws 24" o.c. and face layer applied at right angles to base layer with 1½" type S drywall screws 12" o.c. Sound tested using 2½" glass fiber friction fit in stud space. (NLB)	 Fire Side Sound Side	Thickness: 3¾" Limiting Height: refer to mfr. Approx. Weight: 8½ psf Fire Test: UC ES-7408, 11-21-75 (Rev. 6-76) Sound Test: NGC 2507, 7-21-75
2 HR	45 to 49	WP 7077 (p)	Construction Type: Gypsum Wallboard, Metal I Studs 1" x 24" type X proprietary gypsum panels inserted between 2½" floor and ceiling track with tab-flange section of 2½" metal I studs between proprietary gypsum panels. One layer of ⅝" type X gypsum wallboard or veneer base applied at right angles to each side of metal I studs with 1" type S drywall screws 12" o.c. Sound tested using 1½" glass fiber friction fit in stud space. (NLB)	 Fire Side Sound Side	Thickness: 3¾" Limiting Height: refer to mfr. Approx. Weight: 8½ psf Fire Test: UC ES-7407, 1-22-76 Sound Test: NGC 2543, 5-18-76
			REFER LETTER IN 4		
		WP 7078 (h,k,o,q)	Construction Type: Gypsum Wallboard, Metal I Studs 1" x 24" proprietary type X gypsum panels inserted between 2½" floor and ceiling track with tab-flange section of 2½" metal I studs between proprietary gypsum panels. Two layers of ⅝" type X gypsum wallboard or veneer base applied to face of metal I studs. Base layer applied at right angles or parallel to studs with 1" type S drywall screws 24" o.c. and face layer applied at right angles to base layer with 1½" type S drywall screws 12" o.c. Sound tested using 2½" glass fiber friction fit in stud space. (NLB)	 Fire Side Sound Side	Thickness: 3¾" Limiting Height: refer to mfr. Approx. Weight: 8½ psf Fire Test: WHI 495-0091, 12-9-77 WHI 495-0095, 12-16-77 Sound Test: WHI F2, 3-13-78
			Construction Type: Semi Solid Gypsum Board, Metal Shaft Studs Two layers ½" x 24" type X gypsum wallboard fitted to proprietary 2" metal studs retained at top by 2" J track and attached at floor to 2" angle runner with 1½" type S screws, 6" o.c. Two layers ⅝" type X gypsum wallboard applied parallel to studs on room side with base layer attached with 1¼" type S drywall screws 24" o.c. and face layer of gypsum wallboard or veneer base attached with 1½" type S drywall screws, 12" o.c. Stagger joints 24" o.c. each layer. (NLB)	 Fire Side Sound Side	Thickness: 3¼" Limiting Height: 15'8" Approx. Weight: 8½ psf Fire Test: OSU 5938, 3-12-76
		WP 7086 (h)			

†Where vertical metal sections are field installed, their center to center spacing shall not exceed panel dimensions described above, which are nominal.

Design No. U501
Assembly Rating—3 Hr.



Horizontal Section

1. Wood† or Steel Runners—Two 1- by 1½-in. yellow pine, or 24 MSG galv steel channels, spaced ½ in. apart, used on sill, lintel and sides, fastened to concrete or masonry with ½-in. bolts 3 in. long and expansion shields or 3½-in. masonry nails, spaced 16 to 20 in. O.C.
2. Nails or screws—Used to secure inner layer of wallboard to wood or steel runners. Nails, 5d, 1½ in. long, ¼ in. heads, spaced 8 in. O.C. are used with wood runners. Sheet-metal screws, No. 10 or larger, spaced 12 in. O.C. are used with metal runners. 8d, 2 ½ in. long, ¼ in. diam head nails spaced 8 in. O.C. to secure outer layer of wallboard to wood runners, or No. 10 screws spaced 12 in. O.C. used with metal runners.
3. Wallboard Ribs—Two layers of ½ in. thick wallboard glued together with casein type glue to form 6 in. wide ribs, 4 in. less in length than partition height. Located at vertical joints and spaced 24 in. O.C., staggered 12 in. from ribs of opposite side.
4. Wallboard, Gypsum*—½ in. thick, inner layer, with vertical joints, attached to ribs with glue and screws and to runners with nails or sheet-metal screws. Outer layer, with horizontal joints, attached to inner layer with glue, nails, and screws.
Celotex Corp.—Type B, C, FRP or SF3.
Domtar Construction Materials—Type C.
Domtar Industries, Inc.—Type C.
Flintkote Co.—Type III or IV.
Georgia-Pacific Corp., Gypsum Div.—Types GPFS1, GPFS3, GPFS4.
Gold Bond Building Products—Type FSW-G or FSK-G.
Pabco Gypsum—Types PG-3, PG-4, PG-6.
Republic Gypsum Co.—Type RG-1, RG-3, or RG-4.
Temple-Eastex, Inc.—Types -3, VPB-3.
Weyerhaeuser Co., Gypsum Div.—Type DDG2 or DDDG3.
5. Adhesive—Casein type, mixed 4 lbs of dry powder to 1.4 gal of water.
6. Screws—No. 8 Phillips head screws, 1½ in. long attaching inner layer to ribs spaced vertically 20 in. O.C., 2 in. long attaching outer layer to ribs spaced vertically and horizontally 24 in.
7. Nails—8d, 2½ in. long finishing nails spaced vertically 8 in. O.C. and at 45 deg angle attaching outer layer through inner layer to ribs.
8. Finishing System—Exposed or covered with fiber tape and joint finisher. As an alternate, nom ½ in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.

†When wood runners are used the rating is combustible.

*Bearing the UL Classification Marking.

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DAVID SCOTT WINDLE, AIA
ARCHITECT

Architecture
Interiors
Facilities

Job No.

92048.00

Date

12 NOV. 92

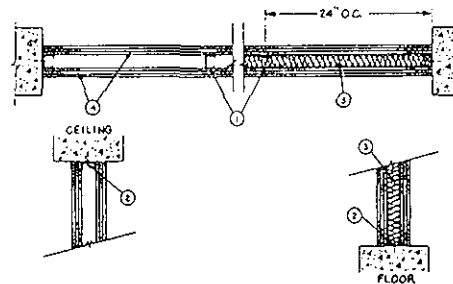
Sheet No.

1327 Empire Central
Suite 104
Dallas Texas 75247-4050
214/630-2902
Fax 214/637-4932

Project

CHUCK E. CHEESE'S
BRICK PLAZA
BRICK, NEW JERSEY

Design No. U435
Assembly Rating—3 Hr or 4 Hr (See Item 4)
Nonbearing Wall



1. Studs - Channel-shaped, 1 1/4 in. wide by 1 1/4 in. deep, with 1/4 in. folded back return flange legs. Fabricated from No. 25 MSG galvanized steel. Stud spacing 16 or 24 in. O.C. Studs to be cut 1 in. less than assembly height.
2. Floor and Ceiling Runners - Channel-shaped runners, 1 1/4 in. wide by 1 1/4 in. deep, fabricated from No. 25 MSG galvanized steel. Attached to floor and ceiling with fasteners spaced 24 in. O.C. max.
3. Batts and Blankets* - (optional) - Nominal 1 1/2 in. thick, placed in interior of wall cavity.
 USG Acoustical Products Co.
4. Wallboard, Gypsum* - 1/2 in. thick, 4 ft wide with square or tapered edges.
 For 4 Hr Rating - Four layers of wallboard to be used. Inner layers to be applied vertically with joints centered over studs. Outer layer may be applied vertically or horizontally. First layer fastened to each stud with 1 in. long Type S, self-tapping steel screws. Second layer fastened to each stud through the first layer with 1 1/4 in. long, Type S, self-tapping steel screws. Third layer fastened to each stud through the first and second layers with 2 1/4 in. long, Type S, self-tapping steel screws. Fourth layer fastened to each stud through the first, second and third layers with 2 1/4 in. long, Type S, self-tapping steel screws. First layer screws shall be located 5 in. from top and bottom of wall with a maximum spacing of 48 in. O.C. vertically between top and bottom screws. Second and third layer screws shall be located 4 and 3 in., respectively, from the top and bottom of wall with the same vertical spacing as the first layer screws. Fourth layer screws shall be located 2 in. from top and bottom of wall and spaced 12 in. O.C. vertically. Each fourth layer horizontal board end shall be centered over and secured to the stud with screws spaced 1/2 in. from end joint and 12 in. O.C. vertically. Board end joints shall be staggered. At board side joints all screws shall be located 1/2 in. from the joints. Fourth layer also secured to the second and third layers with 1 1/2 in. long, Type G, self-tapping steel screws located midway between studs and 1 in. from the horizontal joint. Joints in each layer of wallboard to be staggered from the joints in the adjacent layer and on opposite sides of studs.
 For 3 Hr Rating - Three layers of wallboard to be used. Inner layers to be applied vertically with joints centered over studs. Outer layer may be applied vertically or horizontally. First layer fastened to each stud with 1 in. long, Type S, self-tapping steel screws. Second layer fastened to each stud through the first layer with 1 1/4 in. long, Type S, self-tapping steel screws. Third layer fastened to each stud through the first and second layers with 2 1/4 in. long, Type S, self-tapping steel screws. First and second layer screws shall be located 4 and 3 in. from top and bottom of wall, respectively, with a maximum spacing of 48 in. O.C. vertically. The third layer screws shall be located 2 in. from top and bottom of wall with a maximum spacing of 12 in. O.C. vertically. Each third layer horizontal board end shall be centered over and secured to the stud with Type S, self-tapping steel screws spaced 1/2 in. from end joint and 12 in. O.C. vertically. Third layer, also secured to the first and the second layers with 1 1/2 in. long, Type G, Self-tapping steel screws located midway between studs and 1 in. from the horizontal joint. Board end joints shall be staggered. Vertical board joints to be staggered from the joints in the adjacent layer and on opposite sides of studs.
 Canadian Gypsum Co., Ltd.—Type C.
 United States Gypsum Co., Type C or IP-X2
5. Joint Tape and Compound - Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads. Paper tape, 2 in. wide, embedded in first layer of compound over all joints.

*Bearing the UL Classification Marking

3 HR	55 to 59	WP 2800 (1)	Gypsum Wallboard, Metal Studs Base layer 1/2" proprietary type X gypsum wallboard or gypsum veneer base applied parallel to each side of 1 5/8" metal studs 24" o.c. with joints staggered 24" each side using 1" Type S drywall screws 24" o.c. Second layer 1/2" proprietary type X gypsum wallboard or gypsum veneer base applied parallel to each side with joints staggered 24" o.c. from base layer joints attached to studs with 1 5/8" Type S drywall screws 24" o.c. Face layer of 1/2" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles or parallel to each side attached to studs with 2 1/4" Type S drywall screws 12" o.c. with 1 1/2" Type G drywall screws at mid-point between studs 1" from horizontal joints for right angle application of wallboard. Sound tested using 1 1/2" mineral fiber in stud space. (NLB)	 Thickness: 4 5/8" Approx. Weight: 13 psf Fire Test: UL R1319-138, 139, 5/27/82 Design U435 Sound Test: FSTC SA-830112
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DAVID SCOTT WINDLE, AIA
 ARCHITECT

Architecture
 Interiors
 Facilities

Job No.
 92048.00

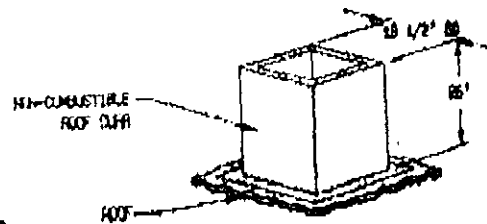
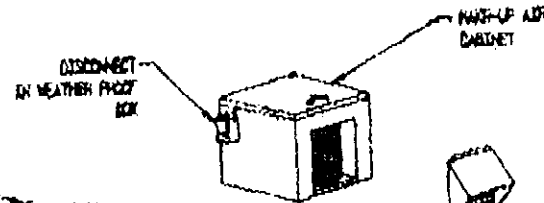
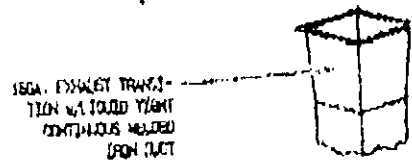
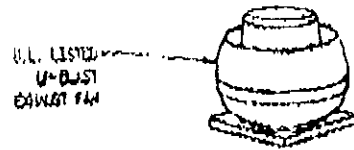
Date
 12 NOV 92

Sheet No.

1327 Empire Central
 Suite 104
 Dallas Texas 75247-4050
 214/630-2902
 Fax 214/637-4932

Project
 CHUCK E. CHEESE'S
 BRICK PLAZA
 BRICK, NEW JERSEY

HOOD MODEL	HOOD LENGTH	HOOD HEIGHT	HOOD NO.
FOH-25	8'-0"	3'-0"	145-110

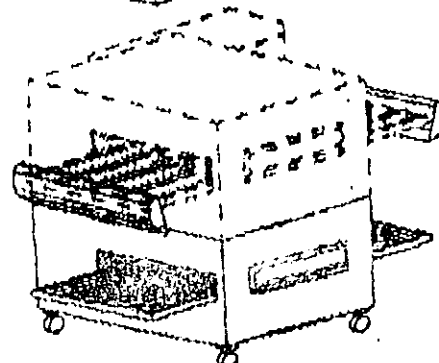
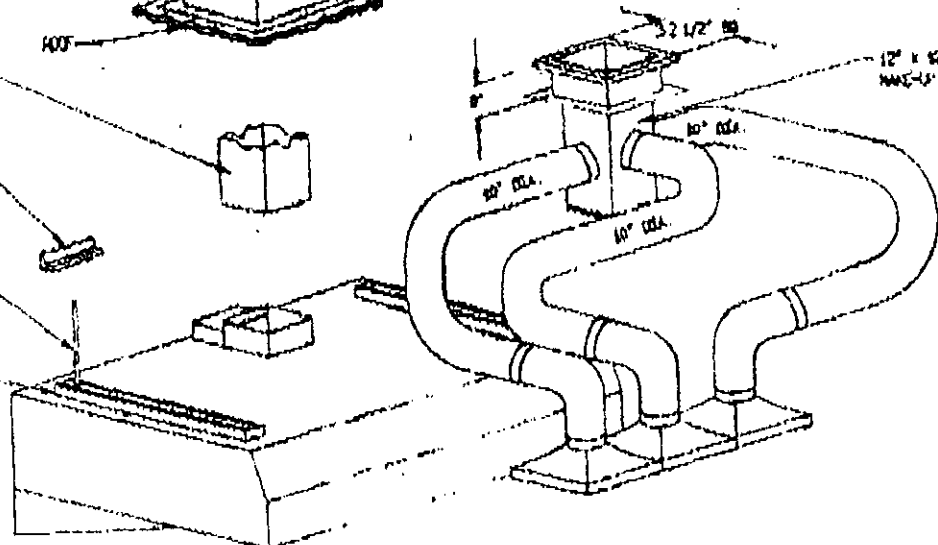


18" x 18" EXHAUST DUCT TO BE
FIELD CUT TO PROPER LENGTH

ANGLE WREN BETWEEN
2 BAR JOISTS FOR
SUPPORTING OF HOOD
FURNISHED BY IN-
STALLING CONTRACTOR.

1/2" THICKNESS
AND 1-1/2" WID.
BY INSTALLING
CONTRACTOR

HANGING
COWMEL



LOCATION OF CONDENSERS TO BE 8'-0" TO 4'-0"
IN FRONT OF AND ON THE SIDE OF HOOD.
(24" x 24" CONDENSERS)

ISOMETRIC VIEWS

ALTERNATIVE AIR CLEANER ATTACHMENT TO HOOD SYSTEM

HOOD					EXHAUST FAN		MAKE-UP AIR		EXHAUST FAN		HOOD OPENING		STATION- PRESSURE
EXH.	B.P.	110 LPH	206 LPH	208 LPH	NO. OF	NO. OF	NO. OF	NO. OF	NO. OF	NO. OF	EXHAUST	SUPPLY	
3/4	1/2	13.9	6.9	3.22	1000	1000	1000	1000	1000	1000	12" x 12"	12" x 12"	3/4"

DESIGNED ESPECIALLY
DOLEBY-MARSHALL BY
MFG. CO. INC.
SPRING, IN 48947

NOTES

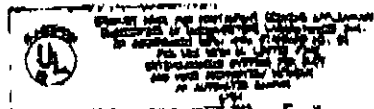
1. REMOVABLE PANELS TO BE INSTALLED AFTER HOOD IS MADE.
2. MAKE-UP AIR DETECTORS ARE SUPPLIED WITH HOOD PACKAGE AND ARE TO BE INSTALLED ON OVEN IF OPTIONAL, TOP OVEN IS USED.
3. WALL SWITCH FOR EXHAUST FAN SUPPLIED BY OTHERS.
4. IT IS RECOMMENDED TO LINE TOP OF EXHAUST HOOD WITH ONE INCH MINERAL WOOL TO AID IN HEAT CAPTURE.

MEP #1142 ACCEPTED

MEETS NFPA 96 REQUIREMENTS

U.L. 710 TESTED AND CLASSIFIED #1764

MEETS NFPA 96 REQUIREMENTS



INSTALLATION INSTRUCTIONS:

STEP 1: ROOF CURB.
CUT ROOF OPENING AND
SET CURB. CURB IS TO
BE MOVED IN WITH ROOF.

STEP 2: HOOD.
HANG HOOD TO CORRECT
HEIGHT.

STEP 3: EXHAUST HOOD COLLAR.
FLANG OPENING FROM CURB
TO EXHAUST HOOD COLLAR.
COLLAR MUST LINE UP
DIRECTLY WITH OPENING
IN ROOF CURB.

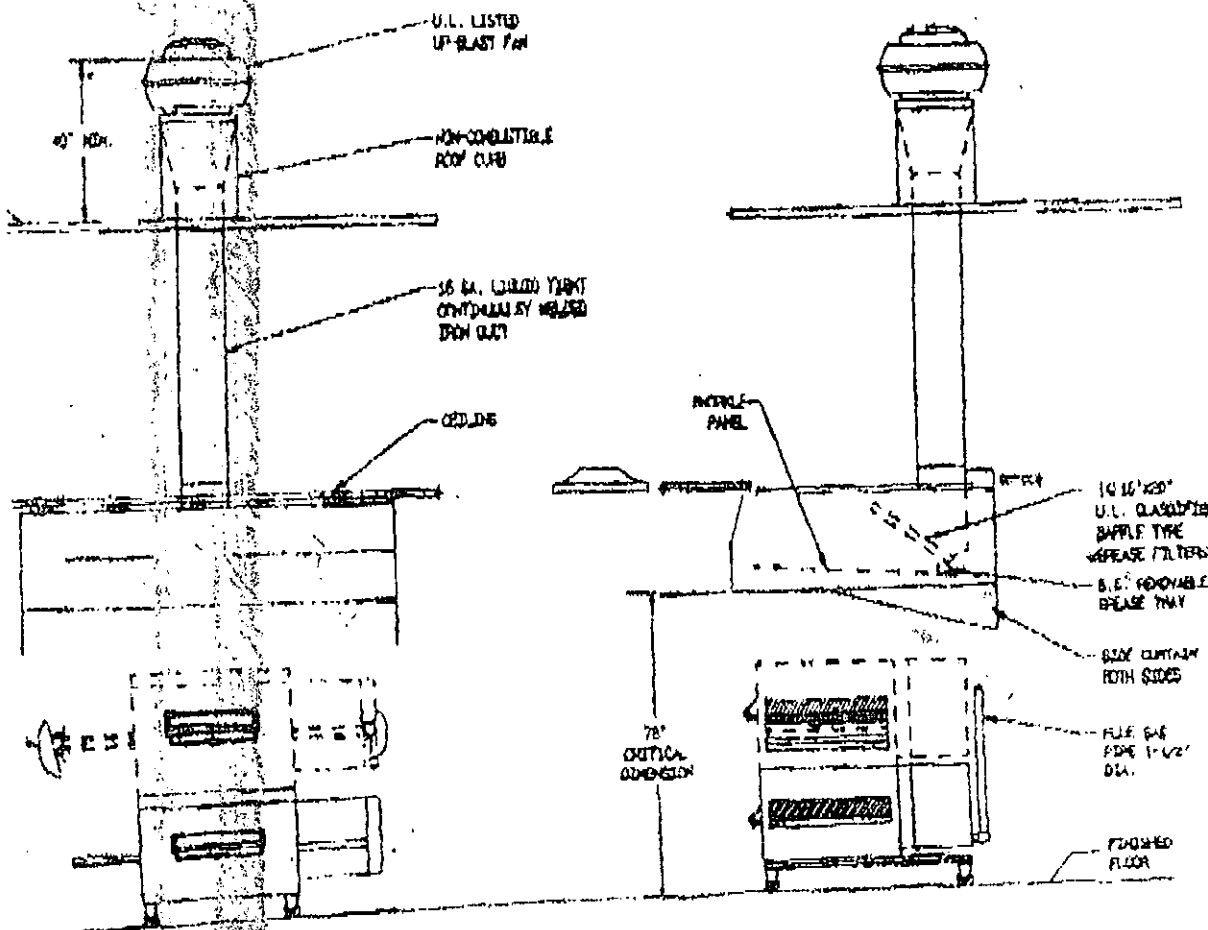
STEP 4: EXHAUST DUCT.
INSTALL DUCT TO CURB
AND FIELD CUT TO CORRECT
LENGTH. WELD AND GASK
CONNECTIONS.

STEP 5: EXHAUST FAN.
POSITION FAN ON ROOF
CURB AND FASTEN SECURELY.
FIELD WIRE EXHAUST FAN TO
DISCONNECT ON SIDE OF
MAKE-UP AIR CABINET.

STEP 6: WIRING.
FIELD WIRE FROM DISCONNECT
TO WALL SWITCH.

STEP 7: INSTALL DO CURTAINS
AND MAKE-UP DEFLECTORS.

1A UNIT
1A UNIT
1A UNIT



NO.	DATE	BY	REVISIONS
1			1. EXHAUST FAN
2			2. EXHAUST DUCT

INSTALLATION INSTRUCTIONS
FOR CV-96 SYSTEM W/MUA

CONVEYORIZED OVEN
EXHAUST SYSTEM

DESIGN	DATE	CHK	DATE
1000	10/10/92		

LOI MFG. CO., INC. 1290
P.O. BOX 400, 720 WATER STREET
LOGANSPORT, INDIANA 48947-0400
Phone 219-722-3124

DOLEBY MARSHALL

CV-96

Packaged Gas/Electric



8½, 10, 12½, 15, 17½,

20, 25 Ton

YCD — Downflow

YCH — Horizontal

Cooling/Gas Heat

Refer to YC-D-7 or 22-1322-08

- Voyager™
- Microprocessor unit controls
- Built-in anti-short cycle timer and time delay relay
- Optional factory installed Trane Communication Interface (TCI)
- EER up to 9.3 — Steady state up to 82.4
- Scroll compressor on 20 and 25 ton units
- Common cabinet and accessories at 8½-10 tons, 12½-15 tons and 17½-25 tons
- Low Ambient to 0°F standard
- High efficiency drum and tube heat exchanger
- Color coded and numbered wiring
- Utilizes Trane compressor(s) for high reliability and long life
- ARI 210/360 certification assures capacity and performance
- UL listed and CSA certified to meet independent agency certification
- Two inch filters on both YCH and YCD to clean air and keep coil maintenance low
- Simple U-shaped airflow pattern results in very low airside energy requirement
- "Quick-Access" doors and single side access make servicing much faster for lower maintenance costs
- Quick-adjust idler arm pulley. Adjust belt tension, change belts, adjust airflow quickly
- High efficiency gas heat with hot surface ignition for low heating energy costs, low maintenance and high reliability

Table 9-1 — Downflow — Micro

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance EER (3/2)	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	Dimensions (in.) H x W x L	Weights (lbs) Shipping	MCA 230/460/575	Max Fuse 230/460/575
8½	YCD102B3, B4, BWL		9.3	106,000	121,000	49 x 63½ x 94½	1465	49/29/19	60/35/20
	YCD102B3, B4, BWL		9.3	106,000	201,000	49 x 63½ x 94½	1465	49/29/19	60/35/20
10	YCD120B3, B4, BWL		9.7	125,000	121,000	49 x 63½ x 94½	1505	56/30/21	70/35/25
	YCD120B3, B4, BWL		9.7	125,000	201,000	49 x 63½ x 94½	1505	56/30/21	70/35/25
12½	YCD150B3, B4, BWL		8.7	155,000	118,000	50 x 71 x 107½	1795	72/32/26	80/40/30
	YCD150B3, B4, BWL	208-230/3/60	8.7	155,000	201,000	50 x 71 x 107½	1795	72/32/26	80/40/30
15	YCD180B3, B4, BWL	460/3/60	8.6	183,000	201,000	50 x 71 x 107½	1870	82/37/30	90/45/35
	YCD180B3, B4, BWL	or 575/3/60	8.6	183,000	279,000	50 x 71 x 107½	1870	82/37/30	90/45/35
17½	YCD210B3, B4, BWL		8.7	210,000	198,000	54 x 85 x 122½	2345	100/47/36	110/60/45
	YCD210B3, B4, BWL		8.7	210,000	276,000	54 x 85 x 122½	2345	100/47/36	110/60/45
20	YCD240B3, B4, BWL		8.7	246,000	199,000	54 x 85 x 122½	2460	123/53/42	150/60/50
	YCD240B3, B4, BWL		8.7	246,000	317,000	54 x 85 x 122½	2460	123/53/42	150/60/50
25	YCD300B3, B4, BWL		9.3	290,000	199,000	54 x 85 x 122½	2525	132/57/45	150/70/50
	YCD300B3, B4, BWL		9.3	290,000	317,000	54 x 85 x 122½	2525	132/57/45	150/70/50

Table 9-2 — Horizontal — Micro

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance EER (3/2)	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	Dimensions (in.) H x W x L	Weights (lbs) Shipping	MCA 230/460/575	Max Fuse 230/460/575
8½	YCH102B3, B4, BWL		9.0	106,000	118,000	49 x 63½ x 94½	1465	49/29/19	60/35/20
	YCH102B3, B4, BWL		9.0	106,000	196,000	49 x 63½ x 94½	1465	49/29/19	60/35/20
10	YCH120B3, B4, BWL		9.0	125,000	118,000	49 x 63½ x 94½	1505	56/30/21	70/35/25
	YCH120B3, B4, BWL		9.0	125,000	196,000	49 x 63½ x 94½	1505	56/30/21	70/35/25
12½	YCH150B3, B4, BWL		9.0	155,000	118,000	50 x 71 x 107½	1795	72/32/26	80/40/30
	YCH150B3, B4, BWL	208-230/3/60	9.0	155,000	198,000	50 x 71 x 107½	1795	72/32/26	80/40/30
15	YCH180B3, B4, BWL	460/3/60	8.6	183,000	198,000	50 x 71 x 107½	1870	82/37/30	90/45/35
	YCH180B3, B4, BWL	or 575/3/60	8.6	183,000	275,000	50 x 71 x 107½	1870	82/37/30	90/45/35
17½	YCH210B3, B4, BWL		8.7	210,000	202,000	54 x 85 x 122½	2345	100/47/36	110/60/45
	YCH210B3, B4, BWL		8.7	210,000	278,000	54 x 85 x 122½	2345	100/47/36	110/60/45
20	YCH240B3, B4, BWL		8.7	246,000	202,000	54 x 85 x 122½	2460	123/53/42	150/60/50
	YCH240B3, B4, BWL		8.7	246,000	317,000	54 x 85 x 122½	2460	123/53/42	150/60/50
25	YCH300B3, B4, BWL		9.3	290,000	202,000	54 x 85 x 122½	2525	132/57/45	150/70/50
	YCH300B3, B4, BWL		9.3	290,000	317,000	54 x 85 x 122½	2525	132/57/45	150/70/50

Note: B = Low Heat H = High Heat in ninth digit

TOWNSHIP OF BRICK

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

Steven J. Zboyan, Mayor

Township Council:

Albert Chrobocinski, President
Victor Cantillo
Helen Fayad
Lee Hartman
Thomas G. Maiorine
Mary Lou Powner
Warren H. Wolf



Department of Administration & Finance

Division of Inspections
A.J. Cierzo
Construction Official
(908) 477-3000, Ext. 260
Fax: (908) 920-4850

August 7, 1992

ShowBiz Pizza Time, Inc.
4441 W. Airport Freeway
Irving, Texas, 75062

Subject: EX-R-115-6/92-Request for Exemption from Site Plan Approval from Show Biz Pizza Time, Inc. for Brick Plaza, Corner Route 70 Brick Boulevard, Chambers Bridge and Ceda Bridge Roads, Block 671, Lot 8 for Change of Use-Received June 15, 1991-Objection July 2, 1992-Additional Information Received July 24, 1992

Dear Sirs:

The additional information for the above request for exemption from site plan approval to change the former R & S Store in Brick Plaza to a Chucky "E" Cheese eat-in restaurant with electronic amusements and games has been reviewed and the attached report issued. The request was discussed with Richard Garnett, Steven Cucci, Esq. and Ron Saupe, Exec. Vice President and Legal Counsel for Show Biz Pizza at the August 5th Executive Session.

It was pointed out that the applicant is only leasing the front 9,200 sq.ft. and there is 3,150 sq.ft. remaining in the rear. The Board raised concerns about the previous use of the rear of the site by R & S Stores for oil changes, etc. Mr. Saupe advised that Show Biz Pizza routinely does an Environmental Assessments of all proposed sites. It will be expanded to include that rear portion. He agreed to provide the Planning Board with a copy of the report.

After the discussion, the Planning Board determined they have no objection to granting this request subject, however, to the following conditions:

1. A copy of the Environmental Assessment report shall be submitted to the Planning Board.

Page "2"

2. All other necessary approvals shall be received.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Arthur J. Cierzo".

Arthur J. Cierzo
Construction Official

cc: J. Kull, Planning Bd. Sec.
S. Kinnevy, Zoning Officer

SIZING FOR WATER AND SEWER SERVICES

Property Owner SHOW BIZ PIZZA Date 12/1/92

Property Address Rt 70 CEDAR BR. Block 6071 Lot 8

Zoning _____ Use Group _____

Contractor LAUER PLG-Htg. License No. Registration 7646

Water Main Size _____ Water Pressure _____ Sewer Main Size _____

<u>Plumbing Fixtures</u>	<u>Number</u>	<u>(sfu) Water Units</u>	<u>(dfu) Drainage Units</u>
1. Water Closet	<u>6</u>	<u>(10) 60</u>	<u>()</u>
2. Lavatory	<u>4</u>	<u>(2) 8</u>	<u>()</u>
3. Bath Tub ✓	<u> </u>	<u>()</u>	<u>()</u>
4. Shower Stall	<u> </u>	<u>()</u>	<u>()</u>
5. Kitchen Sink	<u>4</u>	<u>(3) 12</u>	<u>()</u>
6. Service Sink	<u> </u>	<u>()</u>	<u>()</u>
7. ^{Slop} Laundry Tray	<u>1</u>	<u>(3) 3</u>	<u>()</u>
8. Dishwasher	<u>1</u>	<u>(2) 2</u>	<u>()</u>
9. Washing Machine	<u> </u>	<u>()</u>	<u>()</u>
10. Urinal	<u>2</u>	<u>(5) 10</u>	<u>()</u>
11. Floor Drain	<u> </u>	<u>()</u>	<u>()</u>
12. Drinking Fountain	<u>1</u>	<u>(1) 1</u>	<u>()</u>
13. Air Conditioner (water cooled)	<u> </u>	<u>()</u>	<u>()</u>
14. Dental Unit	<u> </u>	<u>()</u>	<u>()</u>
15. Lawn Sprinkler No. of Heads	<u> </u>	<u>()</u>	<u>()</u>
16. Fire Sprinkler No. of Heads	<u> </u>	<u>()</u>	<u>()</u>
17. _____	<u> </u>	<u>()</u>	<u>()</u>
18. _____	<u> </u>	<u>()</u>	<u>()</u>

Total 96

Gallons per minute 42

Size of Service 1 1/2 - reg. (2")

Date: _____ Approved: Curzio
Brick Township Plumbing Inspector

M.P. Zacharius Engineering, P.C.
99 Madison Avenue N.Y.. 10016

Phone(212)689 7474

Re; Chuckey Cheese
BrickTown N.J..

December 14, 1992

Sizing of Grease trap for M.T. Lauer Plumbing. 187 Bergen Ave. <Ridgefield Park.N.J.

Mr. Mike Lauer,

Please be advised as you requested us to review and size Grease trap as per plans submitted . You have only one fixture connected to grease trap, The three compartment sink and rinse station.

Total G.P.M.. Connected is 48.58 Gallons.

A 100 Lbs Grease Trap is quite sufficient for this one fixture. If you have any question please feel free to call me.

Marty Zacharius P.E.

A handwritten signature in cursive script, reading "Marty Zacharius", written in dark ink.

SIZING FOR WATER AND SEWER SERVICES

Property Owner SHOW BIZ PIZZA Date 12/1/92

Property Address Rt 70 CEDAR BE. Block 6071 Lot 8

Zoning _____ Use Group _____

Contractor LAUER PLG-Htg. License No. Registration 7646

Water Main Size _____ Water Pressure _____ Sewer Main Size _____

Plumbing Fixtures	Number	(sfu)	Water Units	(dfu)	Drainage Units
1. Water Closet	<u>6</u>	<u>(10)</u>	<u>60</u>	<u>()</u>	_____
2. Lavatory	<u>4</u>	<u>(2)</u>	<u>8</u>	<u>()</u>	_____
3. Bath Tub ✓	_____	<u>()</u>	_____	<u>()</u>	_____
4. Shower Stall	_____	<u>()</u>	_____	<u>()</u>	_____
5. Kitchen Sink	<u>1</u>	<u>(3)</u>	<u>12</u>	<u>()</u>	_____
6. Service Sink	_____	<u>()</u>	_____	<u>()</u>	_____
7. Laundry ^{Slop} Tray	<u>1</u>	<u>(3)</u>	<u>3</u>	<u>()</u>	_____
8. Dishwasher	<u>1</u>	<u>(2)</u>	<u>2</u>	<u>()</u>	_____
9. Washing Machine	_____	<u>()</u>	_____	<u>()</u>	_____
10. Urinal	<u>2</u>	<u>(5)</u>	<u>10</u>	<u>()</u>	_____
11. Floor Drain	_____	<u>()</u>	_____	<u>()</u>	_____
12. Drinking Fountain	<u>1</u>	<u>(1)</u>	<u>1</u>	<u>()</u>	_____
13. Air Conditioner (water cooled)	_____	<u>()</u>	_____	<u>()</u>	_____
14. Dental Unit	_____	<u>()</u>	_____	<u>()</u>	_____
15. Lawn Sprinkler No. of Heads	_____	<u>()</u>	_____	<u>()</u>	_____
16. Fire Sprinkler No. of Heads	_____	<u>()</u>	_____	<u>()</u>	_____
17. _____	_____	<u>()</u>	_____	<u>()</u>	_____
18. _____	_____	<u>()</u>	_____	<u>()</u>	_____

Total 96

Gallons per minute 42

Size of Service 1 1/2" - ref (2")

Date: _____

Approved: C. Curcio
Brick Township Plumbing Inspector

GENERAL BUILDING LIMITATIONS

200 percent for one- and two-story buildings and 100 percent for buildings more than two stories in *height*.

502.4 School buildings: Where every classroom of a one-story school building of Use Group E has at least one door opening directly to the exterior of the building, the *area* limitations specified in Table 501 shall be increased 200 percent. Not less than one-half of the required *exits* from any assembly room included in such buildings shall also open directly to the exterior of the building.

SECTION 503.0 HEIGHT MODIFICATIONS

503.1 Automatic sprinkler systems: Where a building is equipped throughout with an *automatic sprinkler system* in accordance with Section 1004.2.1, the building *height* limitation specified in Table 501 shall be increased one story and 20 feet (6096 mm). This increase shall not apply to buildings of Use Group I-2 of Types 2C, 3A, 4 and 5A construction nor to buildings of Use Group H. The building *height* limitations for buildings of Use Group R specified in Table 501 shall be increased one story and 20 feet (6096 mm) but not to exceed a *height* of four stories and 60 feet (18288 mm) where the building is equipped throughout with an *automatic sprinkler system* installed in accordance with Section 1004.2.2 and the system is supervised in accordance with Section 1020.1, options 1, 2, 3 or 4.

503.2 Auditoriums: The maximum *height* of auditoriums in Use Groups A-4 and E shall be 65 feet (19812 mm) when of Type 2B, 3A, 4 or 5A construction and 45 feet (13716 mm) when of Type 2C, 3B or 5B construction.

503.3 Day care centers: The *height* limitations of Table 501 for day care centers classified as Use Group E, of Type 5 construction, shall be increased one story and 20 feet (6096 mm) provided that the total occupant load is less than 50 persons.

SECTION 504.0 UNLIMITED AREAS

504.1 One-story buildings: In other than Type 5 construction, the *area* of all buildings of Use Groups A-3, B, F, I-2, M and S (not including high-hazard uses), which do not exceed one story or 85 feet (25908 mm) in *height*, shall not be limited, provided that: the *exit* facilities comply with the provisions of Article 8; the building is equipped throughout with an *automatic sprinkler system* in accordance with Section 1004.2.1; and the building is isolated as specified in Section 504.2.

Exceptions

1. Buildings and structures of special industrial uses according to Section 501.1.1 shall be exempt from the above *height* limitations and *fire separation distance* requirements, and the *automatic fire suppression system* shall not be provided when such installations would be detrimental or dangerous to the specific use and occupancy as approved by the code official. Where located with a *fire separation distance* of less than 30 feet (9144 mm), the exterior walls of such buildings shall be *protected* or constructed to provide a fire resistance rating of not less than 2 hours.
2. An *automatic fire suppression system* shall not be required for buildings of Type 2 or Type 4 construction which are used exclusively for the storage of

905.1.1 Omission of exterior walls: The provisions of this code shall not be deemed to prohibit the omission of exterior walls for all or part of a story where the provisions of Section 905.2 do not require a nonloadbearing exterior wall to provide a fire resistance rating, and where the provisions of Sections 905.3 and 905.4 do not limit the maximum percentage of unprotected openings. Except as otherwise specifically permitted in Section 912.5, the piers, columns and other structural elements within the open portion shall be constructed with the fire resistance rating required for exterior bearing walls in Table 401.

*

905.2 Fire resistance ratings: The fire resistance rating of exterior walls shall comply with Table 905.2. Loadbearing exterior walls shall also comply with the fire resistance rating requirements of Section 401.0. The fire resistance rating of exterior walls with a *fire separation distance* of greater than 5 feet (1524 mm) shall be rated for exposure to fire from the inside. The fire resistance rating of exterior walls with a *fire separation distance* of 5 feet (1524 mm) or less shall be rated for exposure to fire from both sides.

Table 905.2
EXTERIOR WALL FIRE RESISTANCE RATINGS (hours)

Fire separation distance (feet) ^a	Use group				
	H	F-1, M, S-1	R-2	R-3	A, B, E, F-2, I, R-1, S-2
0 to 5	4	3	1	1	2
Greater than 5 to 10	3	3	0	0	0
Greater than 10 to 15	2	1	0	0	0
Greater than 15 to 30	1	0	0	0	0
Greater than 30	0	0	0	0	0

Note a. 1 foot = 304.8 mm.

905.2.1 Wall support: The wall shall extend to the height required by Section 905.6, and shall be supported such that the wall will remain in place for the duration of time indicated by the required fire resistance rating.

905.2.2 Automatic fire suppression: In buildings equipped throughout with an automatic sprinkler system in accordance with Section 1004.2.1, the required fire resistance rating of nonloadbearing exterior walls shall be reduced by 1 hour, but to not less than 1 hour when the *fire separation distance* is 5 feet (1524 mm) or less. This reduction shall not apply to buildings of Use Group H.

905.2.3 Unexposed surface temperature: Where protected openings are not limited by Table 905.3, the limitation on the rise of temperature on the unexposed surface of exterior walls as required by ASTM E119 listed in Appendix A shall not apply. Where protected openings are limited by Table 905.3, the limitation on the rise of temperature on the unexposed surface of exterior walls as required by ASTM E119 listed in Appendix A shall not apply provided that a correction is made for radiation from the unexposed exterior wall surface in accordance with the following formula:

$$A_e = A + (A_f \times F_{eo})$$

501.3 Height limitations: The *height* in feet and the number of *stories above grade* specified in Table 501 shall apply to all buildings and to all separate parts of a building that are enclosed within lawful *fire walls* complying with the provisions of Article 9. A basement shall be considered as a *story above grade* when the finished surface of the floor above the basement is more than 6 feet (1829 mm) above *grade plane*; or more than 6 feet (1829 mm) above the finished ground level for more than 50 percent of the total building perimeter; or more than 12 feet (3658 mm) above the finished ground level at any point.

501.4 Multistory buildings: The *area* limitations for buildings two stories in *height* shall be the same as the *area* limitations provided in Table 501 for one-story buildings. In buildings over two stories in *height*, the *area* limitations of Table 501 for one-story buildings shall be reduced as specified in Table 501.4.

Table 501.4
PERCENT REDUCTION OF AREA LIMITATIONS

No. of stories	Type of construction		
	1A & 1B	2A	2B, 2C, 3A, 3B, 4, 5A, 5B
1	None	None	None
2	None	None	None
3	None	5%	20%
4	None	10%	20%
5	None	15%	30%
6	None	20%	40%
7	None	25%	50%
8	None	30%	60%
9	None	35%	70%
10	None	40%	80%

501.5 Type 1 construction: Buildings of Type 1 construction which are permitted to be of unlimited tabular *heights* and *areas* by Table 501, are not subject to the special requirements that allow increased *heights* and *areas* for other types of construction.

SECTION 502.0 AREA MODIFICATIONS

502.1 General: The provisions of this section shall modify the *area* limitations of Table 501 as herein specified.

502.2 Street frontage increase: Where a building or structure has more than 25 percent of the building perimeter fronting on a street or other unoccupied space, the *area* limitations specified in Table 501 shall be increased 2 percent for each 1 percent of such excess frontage. The unoccupied space shall be on the same *lot* or dedicated for public use, and shall not be less than 30 feet (9144 mm) in width accessible from a street by a posted fire lane not less than 18 feet (5486 mm) in width.

502.3 Automatic sprinkler system: Where a building of other than Use Group H is equipped throughout with an *automatic sprinkler system* installed in accordance with Section 1004.2.1, the *area* limitation specified in Table 501 shall be increased

Table 313.1.2
FIRERESISTANCE RATING REQUIREMENTS FOR FIRE SEPARATION
ASSEMBLIES BETWEEN MIXED USES AND FIRE AREAS (hrs.)

Use Group	A-1	A-2	A-3	A-4	A-5	B	E	F-1	F-2	H	I-1	I-2	I-3	M	R-1	R-2	R-3	S-1	S-2	U
A-1	NA	3	2	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
A-2		3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	NA
A-3		2	2	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
A-4			NA	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
A-5				NA	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
B						NA	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
E							NA	2	2	4	2	3	3	2	2	2	2	2	2	NA
F-1								2	2	4	2	3	3	2	2	2	2	2	2	NA
F-2									NA	4	2	3	3	2	2	2	2	2	2	NA
H										NA	4	4	4	4	4	4	4	4	4	NA
I-1											NA	3	3	2	2	2	2	2	2	NA
I-2												NA	3	3	3	3	3	3	3	NA
I-3													NA	3	3	3	3	3	3	NA
M														2	2	2	2	2	2	NA
R-1															NA	2	2	2	2	NA
R-2																NA	2	2	2	NA
R-3																	NA	2	2	NA
S-1																		2	2	NA
S-2																			NA	NA
U																				NA

Use Group

NA = Not Applicable

U S E G R O U P

313.1.3
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Table 401
FIRE RESISTANCE RATINGS OF STRUCTURE ELEMENTS (IN HOURS)

Structure element		Type of construction Section 401.0									
		Noncombustible		Noncombustible/Combustible					Combustible		
Note a		Type 1 Section 402.0	Type 2 Section 403.0	Type 3 Section 404.0	Type 4 Section 405.0	Type 5 Section 406.0					
1 Exterior walls	Loadbearing	Protected	Protected	Unprotected	Protected	Unprotected	Heavy timber Note c	Protected	Unprotected		
	Nonloadbearing	1A 1B 2A 2B 2C 3A 3B 4 5A 5B	1 2 3 4 5 6 7 8 9 10	Not less than the rating based on fire separation distance (see Section 905.2)							
2 Fire walls and party walls (Section 907.0)	Loadbearing	2	2	2	2	2	2	2	2		
	Nonloadbearing	4 3 2 2 2 2 2 2 2 2	Not less than the rating required by Table 907.1								
3 Fire separation assemblies (Section 909.0)	Fire enclosure of exits (Sections 817.11, 909.0 and Note b)	2	2	2	2	2	2	2	2		
	Shafts (other than exits) and elevator hoistways (Sections 909.0, 915.0 and Note b)	2 2 2 2 2 2 2 2 2 2									
4 Fire partitions (Section 910.0)	Mixed use separation (Section 313.0)	Fire resistance rating corresponding to the rating required by Table 313.1.2									
	Other separation assemblies (Note i)	1 1 1 1 1 1 1 1 1 1									
5 Dwelling unit separations (Sections 910.0, 913.0 and Notes i and j)	Exit access corridors (Notes f, g)	1 1 1 1 1 1 1 1 1 1									
	Tenant spaces separations (Note j)	1 1 1 1 1 1 1 1 1 1									
6 Smoke barriers (Section 911.0 and Note g)	Smoke barriers	1 1 1 1 1 1 1 1 1 1									
	Other nonbearing partitions	0 0 0 0 0 0 0 0 0 0									

Table 401 (cont'd.)
FIRE RESISTANCE RATINGS OF STRUCTURE ELEMENTS (IN HOURS)

Type of construction	Section 401.0	Combustible
Noncombustible/Combustible		

tance rating of greater than 1 hour, shall be protected with an assembly having a fire resistance rating of not less than 1 1/2 hours. Exterior openings required to be protected by Section 905.3, when located in a wall required by Section 905.2 to have a fire resistance rating of 1 hour, shall be protected with an assembly having a fire resistance rating of not less than 3/4 hour. Exterior openings required to be protected by Section 905.4 or 905.5 shall be protected with an assembly having a fire resistance rating of not less than 3/4 hour.

906.4 Unprotected openings: Where protected openings are not required by Section 905.0, windows and doors shall be constructed of approved materials. Glazing shall conform to the requirements of Articles 20, 21 and 22.

SECTION 907.0 FIRE WALLS AND PARTY WALLS

907.1 General: Walls shall have sufficient structural stability under fire conditions to allow collapse of construction on either side without collapse of the wall, and shall be constructed of any approved noncombustible materials that provide the required strength and fire resistance rating specified in Table 401 for the type of construction, but not less than the fire resistance rating of the use group specified in Table 907.1. Strength and stability shall comply with the provisions of Articles 11 and 21.

Table 907.1
FIRE AND PARTY WALL FIRE RESISTANCE RATINGS

Use Group	Minimum fire resistance rating (hours)
A-3, A-4, A-5, B, E, F-2, I-1, I-2, R, S-2	2
A-1, A-2, F-1, I-3, M, S-1	3
H	4

907.2 Cutting walls: A wall that is 8 inches or less in thickness shall not be cut for chases or socketed for insertion of structural members subsequent to erection (see Section 1404.0).

907.3 Hollow walls: The wall shall not be less than the minimum thickness specified in ACI 530/ASCE 5 listed in Appendix A.

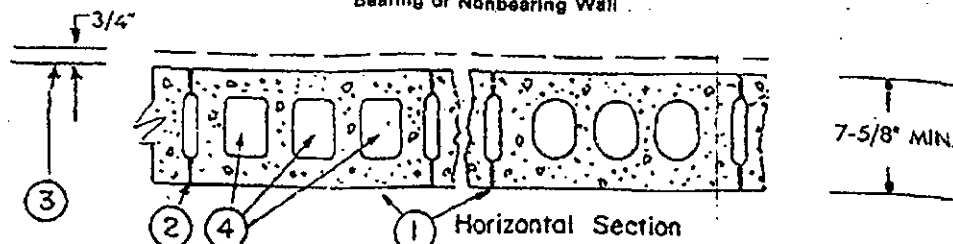
907.4 Combustible framing: In addition to the provisions of Section 1703.1.5.1, adjacent combustible members entering into a masonry *fire wall* from opposite sides shall not have less than a 4-inch (102 mm) distance between embedded ends. Where combustible members frame into hollow walls or walls of hollow units, all hollow spaces shall be solidly filled for the full thickness of the wall and for a distance not less than 4 inches (102 mm) above, below and between the structural members, with noncombustible materials approved for *firestopping* in accordance with Section 921.0.

907.5 Combustible insulation: The code official shall permit the application of cork, fiberboard or other combustible insulation where laid up without intervening

Amcor, Inc., Sub. of Oldcastle
Pumice Products Co.

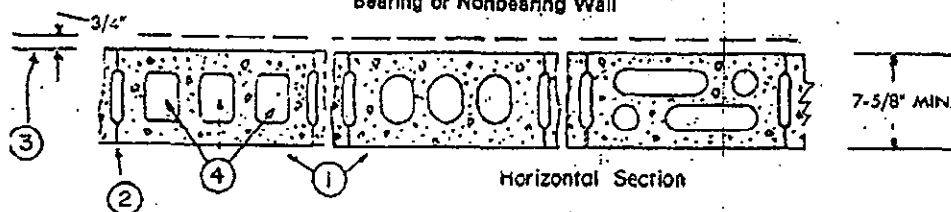
*Bearing the UL Classification Marking

Design No. U904
Assembly Rating—3 Hr.
Bearing or Nonbearing Wall



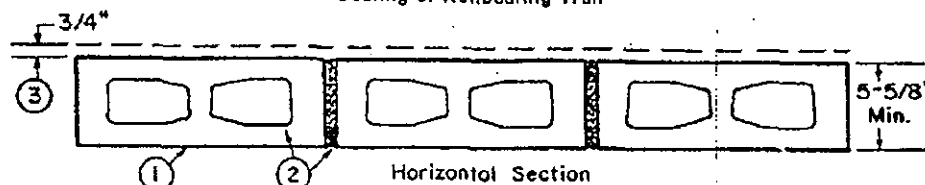
1. Concrete Blocks*—Various designs. Classification C-3 (3 hr).
See Concrete Blocks category for list of eligible manufacturers.
 2. Mortar—Blocks laid in full bed of mortar, 1/2 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
 - 2A. Mortar Mixture*—(Alternate to Mortar—Item 2)—not more than 130 lbs of sand and 5 gal of water to 78 lbs (one bag) of mortar mixture.
Cemtech Laboratories, Inc.
 3. Portland Cement Stucco or Gypsum Plaster—Add 1/2 hr to Classification if used.
 4. Loose Masonry Fill—If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kiln Process), water repellent vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 1 hr to Classification.
- *Bearing the UL Classification Marking

Design No. U905
Assembly Rating—2 Hr.
Bearing or Nonbearing Wall



1. Concrete Blocks*—Various designs. Classification D-2 (2 hr).
See Concrete Blocks category for list of eligible manufacturers.
 2. Mortar—Blocks laid in full bed of mortar, 1/2 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
 - 2A. Mortar Mixture*—(Alternate to Mortar—Item 2)—not more than 130 lbs of sand and 5 gal of water to 76 lbs (one bag) of mortar mixture.
Cemtech Laboratories, Inc.
 3. Portland Cement Stucco or Gypsum Plaster—Add 1/2 hr to classification if used. Where combustible members are framed in wall, plaster or stucco must be applied on the face opposite framing to achieve a max. Classification of 1-1/2 hr.
 4. Loose Masonry Fill—If all core spaces are filled with loose dry expanded slag, expanded clay or shale (Rotary Kiln Process), water repellent vermiculite masonry fill insulation, or silicone treated perlite loose fill insulation add 2 hr to classification.
- *Bearing the UL Classification Marking

Design No. U906
Assembly Rating—2 Hr.
Bearing or Nonbearing Wall



1. Concrete Blocks*—Nominal 6 by 8 by 16 in.

LOOK FOR MARK ON PRODUCT

THIS IS TO CERTIFY THAT
BOARD OF MASTER PLUMBERS
HAS LICENSED

MICHAEL T LAUER

FOR PRACTICE IN N J AS A (N)
MASTER PLUMBER

07/01/91

EFFECTIVE DATE

06/30/93

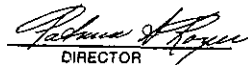
EXPIRATION DATE

BI 07646

LICENSE NO



SIGNATURE OF REGISTRANT



DIRECTOR

Check
Class.

1327 Empire Central
Suite 104
Dallas Texas 75247-4050
214/630-2902
Fax 214/637-4932

To:
Alterisio Construction
2 Pleasant Street
Burlington, MA 01803

Date: 25 November 1992
Job No.: 92048.00
Project: Chuck E. Cheese's
Brick, NJ

We are sending you:

☒ As Requested
☐ Attached

For Your:

☒ Use
☐ Bidding
☐ Cost Estimating
☐

- ☐ Record
- ☐ Information
- ☐ Review & Comment

The Following:

☐ Prints
☐ Samples
☐ Specifications
☐ Mylars

☐ Slicks
☐ Photocopies
☒ Shop Drawings
☐

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Remarks

Drawing you requested, as required by Building Inspector, to correspond to actual construction procedure in field.

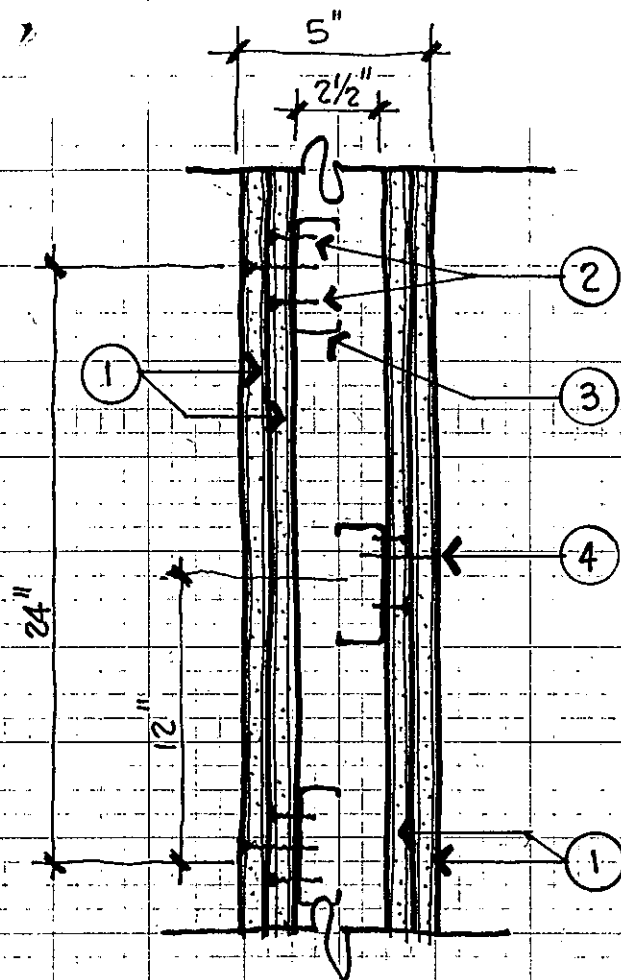
Fed Ex Priority

Copy to: Don Megliola
File

☒ w/enclosures
☐ w/enclosures
☐ w/enclosures

By: **Tom Lekawski**

Signed:



1. 5/8" GYPSUM WALLBOARD, DOUBLE LAYER AS INDICATED.
2. No. 8 PHILIPS HEAD SCREWS, 1 1/2" LONG @ 20" O.C. AT INNER LAYER, 2" LONG @ 24" O.C. AT OUTER LAYER.
3. 6" STEEL STUDS
4. 8d, 2 1/2" LONG FINISHING NAILS @ 8" O.C.

3 HOUR SEPARATION WALL

[Handwritten signature]

DAVID SCOTT WINDLE AIA
ARCHITECT

Architecture
Interiors
Facilities

Job No.

92048.00

Date

24 NOV. 92

Sheet No.

1327 Empire Central
Suite 104
Dallas Texas 75247-4050
214/630-2902
Fax 214/637-4932

Project

CHUCK E. CHEESE'S
BRICK PLAZA
BRICK, NEW JERSEY

DAVID SCOTT WINDLE, AIA
ARCHITECT

▼
Architecture
Interiors
Facilities

1327 Empire Central
Suite 104
Dallas Texas 75247-4050
214/630-2902
Fax 214/637-4932

12 November 1992

Mr. Ray Korkowski
Township of Brick
401 Chambers Bridge Road
Brick, New Jersey 08723

Re: Chuck E. Cheese's
Brick, New Jersey
TVA Job No. 92048.00

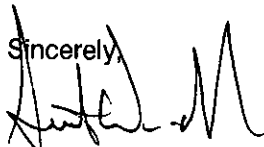
Dear Mr. Korkowski:

Having received and reviewed your response, dated 9 November 1992, to our request for reduction in the rating of the fire wall in question on this project, we offer the following:

1. We understand that the shopping center, as it currently exists, does not comply with the minimum requirements for Type 5B construction, but is "grandfathered" in as a mercantile use.
2. As such, the fire separation walls, in your opinion, in Table 313.1.2, Table 401 and Table 907-1 are not applicable.
3. While we do not agree fully with your interpretation, we do not wish to appeal or delay this job in any further manner. Therefore, we will build the three-hour separation wall per the attached U.L. design U501 or U435. At the contractor's option, either of these designs is acceptable and will achieve the required three-hour rating.

Ray, I do appreciate your working with us on this project as you have, and hope that this will solve everyone's concerns.

Sincerely,


Scott Windle

SW/fb

cc: Don Megliola
John Rose

DAVID SCOTT WINDLE, AIA
ARCHITECT

▼
Architecture
Interiors
Facilities

6 November 1992

1327 Empire Central
Suite 104
Dallas Texas 75247-4050
214/630-2902
Fax 214/637-4932

Mr. Ray Korkowski
Township of Brick
401 Chambers Bridge Road
Brick, New Jersey 08723

Chuck E. Cheese's - Brick, NJ
TVA Job No. 92048.00

Dear Mr. Korkowski:

Pursuant to our conversation of 5 October 1992, it is our understanding that we shall be required to provide for a fire wall separating our A-3 occupancy and adjacent tenants in the structure. Per BOCA (1990), we have drawn the following conclusions:

1. Table 313.1.2, the required fire resistance rating requirements for fire walls between use group (A-3) and use group (M) is required to be 2-hours.
2. Table 401, the required fire resistance rating for fire walls and party walls of type 5B construction is required to be 2-hour.
3. Table 907-1, the required fire resistance rating of a fire wall for an A3 occupancy is required to be 2-hours.
4. We are proposing that tenant demising walls are required to be constructed as 2-hour fire walls. In accordance with the Fire Resistance Design Manual as published by The Gypsum Association Design No. WP 7077 (or equivalent), we are proposing the use of a 3-1/2 inch shaft wall design.
5. Structural truss members penetrating the tenant demising walls are an existing condition. We intend to wrap these members tightly and continue the 2-hour shaft wall construction through the existing roof deck to a height of 2'-8" above the roof.

Please respond by returning a signed copy of this letter, preferably via FAX, with any additional comments or concerns. We would like to resolve this problem as quickly as possible in order for construction to continue. Drawings shall be revised to reflect this condition. If we may be of further help in resolving this matter, please call us at this office.

Sincerely,



Scott Windle, AIA
President

Ray Korkowski

Enclosures

cc: John Rose
Don Megliola

Table 401
FIRERESISTANCE RATINGS OF STRUCTURE ELEMENTS (IN HOURS)

Structure element		Type of construction Section 401.0											
		Noncombustible					Noncombustible/Combustible					Combustible	
		Type 1 Section 402.0	Type 2 Section 403.0	Type 3 Section 404.0	Type 4 Section 405.0	Type 5 Section 406.0							
1 Exterior walls	Loadbearing	Protected 1A, 1B, 1C, 1D, 1E, 1F, 1G, 1H, 1I, 1J, 1K, 1L, 1M, 1N, 1O, 1P, 1Q, 1R, 1S, 1T, 1U, 1V, 1W, 1X, 1Y, 1Z	Protected 2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2I, 2J, 2K, 2L, 2M, 2N, 2O, 2P, 2Q, 2R, 2S, 2T, 2U, 2V, 2W, 2X, 2Y, 2Z	Unprotected 3A, 3B, 3C, 3D, 3E, 3F, 3G, 3H, 3I, 3J, 3K, 3L, 3M, 3N, 3O, 3P, 3Q, 3R, 3S, 3T, 3U, 3V, 3W, 3X, 3Y, 3Z	Protected 4A, 4B, 4C, 4D, 4E, 4F, 4G, 4H, 4I, 4J, 4K, 4L, 4M, 4N, 4O, 4P, 4Q, 4R, 4S, 4T, 4U, 4V, 4W, 4X, 4Y, 4Z	Unprotected 5A, 5B, 5C, 5D, 5E, 5F, 5G, 5H, 5I, 5J, 5K, 5L, 5M, 5N, 5O, 5P, 5Q, 5R, 5S, 5T, 5U, 5V, 5W, 5X, 5Y, 5Z							
	Nonloadbearing	Not less than the rating based on fire separation distance (see Section 905.2)											
2 Fire walls and party walls (Section 907.0)	Loadbearing	Not less than the rating based on fire separation distance (see Section 905.2)											
	Nonloadbearing	4	3	2	2	2	2	2	2	2	2		
3 Fire separation assemblies (Section 909.0)	Fire enclosure of of exits (Sections 817.11, 909.0 and Note b)	2	2	2	2	2	2	2	2	2	2		
	Shafts (other than exits) and elevator hoistways (Sections 909.0, 915.0 and Note b)	2	2	2	2	2	2	2	2	2	2		
4 Fire partitions (Section 910.0)	Mixed use separation (Section 313.0)	Fire resistance rating corresponding to the rating required by Table 313.1.2											
	Other separation assemblies (Note j)	1	1	1	1	1	1	1	1	1	1		
5 Dwelling unit separations (Sections 910.0, 913.0 and Notes i and j)	Exit access corridors (Notes i, j)	1	1	1	1	1	1	1	1	1	1		
	Tenant spaces separations (Note j)	1	1	1	1	1	1	1	1	1	1		
6 Smoke barriers (Section 911.0 and Note g)	1	1	1	1	1	1	1	1	1	1	1		
	0	0	0	0	0	0	0	0	0	0	0		
7 Other nonbearing partitions	1	1	1	1	1	1	1	1	1	1	1		
	0	0	0	0	0	0	0	0	0	0	0		

Table 401 (cont'd.)
FIRERESISTANCE RATINGS OF STRUCTURE ELEMENTS (IN HOURS)

Type of construction	Section 401.0	Noncombustible/Combustible	Combustible
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tance rating of greater than 1 hour, shall be protected with an assembly having a fire resistance rating of not less than 1 1/2 hours. Exterior openings required to be protected by Section 905.3, when located in a wall required by Section 905.2 to have a fire resistance rating of 1 hour, shall be protected with an assembly having a fire resistance rating of not less than 3/4 hour. Exterior openings required to be protected by Section 905.4 or 905.5 shall be protected with an assembly having a fire resistance rating of not less than 3/4 hour.

906.4 Unprotected openings: Where protected openings are not required by Section 905.0, windows and doors shall be constructed of approved materials. Glazing shall conform to the requirements of Articles 20, 21 and 22.

SECTION 907.0 FIRE WALLS AND PARTY WALLS

907.1 General: Walls shall have sufficient structural stability under fire conditions to allow collapse of construction on either side without collapse of the wall, and shall be constructed of any approved noncombustible materials that provide the required strength and fire resistance rating specified in Table 401 for the type of construction, but not less than the fire resistance rating of the use group specified in Table 907.1. Strength and stability shall comply with the provisions of Articles 11 and 21.

Table 907.1
FIRE AND PARTY WALL FIRE RESISTANCE RATINGS

Use Group	Minimum fire resistance rating (hours)
A-3, A-4, A-5, B, E, F-2, I-1, I-2, R, S-2	2
A-1, A-2, F-1, I-3, M, S-1	3
H	4

907.2 Cutting walls: A wall that is 8 inches or less in thickness shall not be cut for chases or socketed for insertion of structural members subsequent to erection (see Section 1404.0).

907.3 Hollow walls: The wall shall not be less than the minimum thickness specified in ACI 530/ASCE 5 listed in Appendix A.

907.4 Combustible framing: In addition to the provisions of Section 1703.1.5.1, adjacent combustible members entering into a masonry *fire wall* from opposite sides shall not have less than a 4-inch (102 mm) distance between embedded ends. Where combustible members frame into hollow walls or walls of hollow units, all hollow spaces shall be solidly filled for the full thickness of the wall and for a distance not less than 4 inches (102 mm) above, below and between the structural members, with noncombustible materials approved for *firestopping* in accordance with Section 921.0.

907.5 Combustible insulation: The code official shall permit the application of cork, fiberboard or other combustible insulation where laid up without intervening

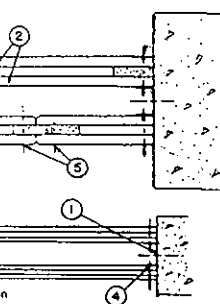
V)—Continued

from 22 MSG galv steel, spacing be to wallboard.
16 galv steel, 30 in. long sections
attached to floor, side, and bracing
tapping, Phillips head steel screws
angles and ceiling runner or angle
2 in. O.C. Joints between inner and
X, WRX.

2, R, SCX, SHX, WR-C or WRX.
G edges. Attached to floor and bracing
diam by 2-1/4 in long, self-drilling.
Joints between coreboard and wall-

ant, mixed with water in accordance
applicator producing beads about 5/
ard temporarily nailed to coreboard
compound.
red with fiber tape and joint com-
eneer plaster may be applied to the
eced.

F.



4 in. deep by 3 in. wide, fabricated
with steel fasteners spaced 24 in.

ard, Gypsum*, screw attached and
hesive to form 1-7/8 in. thick pan-

nners, 0.118 in. diam by 2-1/4 in.
two screws used at top and bottom

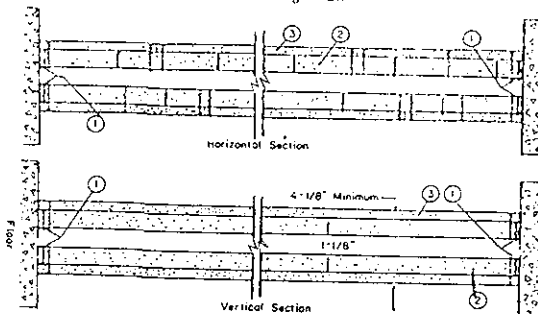
in. double lead Phillips head steel
ily 30 in. O.C.
covered with one coat of joint com-

DUCT

FIRE RESISTANCE RATINGS (BXUV)—Continued

Design No. U507
Assembly Rating—2 Hr

Nonbearing Wall



1. Supporting Angles—1/4 by 1 1/2 in., fabricated from 22 MSG galv steel, short leg attached to concrete or masonry with fasteners spaced 24 in. O.C.
2. Wallboard, Gypsum*—1 in. thick, 2 ft wide, V-shaped T&G edges. Attached to supporting angles with 0.117 in. diam by 1 1/4 in. long, self-drilling, self-tapping Phillips head steel screws, spaced 5 ft O.C. along the side walls and at the edges of each sheet along the floor and ceiling.

Kaiser Gypsum Co., Inc.
United States Gypsum Co.—Type R.

3. Wallboard, Gypsum*—1/2 in. thick, 4 ft wide. Attached to the supporting angles with 0.117 in. diam by 2 1/4 in. long, self-drilling, self-tapping Phillips head steel screws spaced 12 in. O.C., and to the coreboard with laminating compound and No. 10 by 1 1/2 in. double lead Phillips head steel screws, spaced 48 in. O.C. along the vertical edges and 30 in. from the ends along the vertical center line of each sheet. Joints between coreboard and wallboard or lath, staggered. Outer layer wallboard joints covered with joint tape and compound, and screw-heads covered with joint compound. Lath joints covered with 2 1/2 in. wide pressure-sensitive glass fiber tape, or glass fiber tape attached with wire staples. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.
- United States Gypsum Co.—Type R or IP-R.
4. Laminating Compound—(Not Shown)—Of the type used in joint treatment, mixed with water in accordance with instructions shown on containers, applied with an applicator producing beads above 5/16 in. in diam spaced 2 1/4 in. O.C.
5. Batts and Blankets*—(Optional)—(Not Shown)—1, 1 1/2, or 2 in. thick mineral wool batts, may be placed in interior of wall.

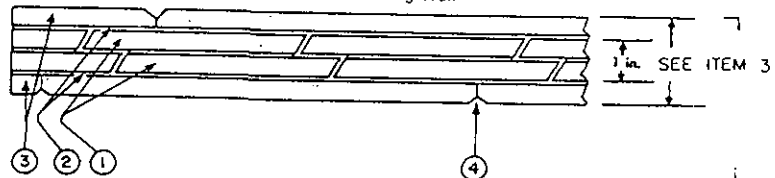
CertainTeed Corp.
Knauf Fiber Glass GmbH
USG Acoustical Products Co.

*Bearing the UL Classification Marking

Design No. U508

Assembly Ratings—1 and 2 Hr. (See Item 3)

Nonbearing Wall



1. Gypsum Coreboard—Nom. 1 in. thick paper faced gypsum board, with or without glass fibers, min weight 4330 lb per 1000 sq ft, min thickness 0.975 in. May be composed of two layers of nom. 1/2 in. thick gypsum board laminated to each other with casein or vinyl joint compound with vertical joints staggered 1 in. Bottom secured to floor with full length 20 MSG galv steel angles. Top secured to ceiling with full length 20 MSG galv steel angles on one face and 6 in. long angles 24 in. O.C. on other face. Side edges secured to walls with 15 in. long angles at third points on one face and 6 in. long angles on opposite face.
2. Adhesive—Casein or vinyl joint compound.
3. Wallboard, Gypsum*—3/4 or 1/2 in. thick wallboard, paper or vinyl surfaced, with beveled, square or tapered edges. Applied vertically with adhesive and nailed temporarily to coreboard until adhesive sets.

Rating-Hr.
1
2

Material
Thickness-In.
3/4
1/2

Gold Bond Building Products—Type RK or RW.

LOOK FOR MARK ON PRODUCT

QUICK SELECTOR FOR SOUND AND FIRE RATED ASSEMBLIES

Partitions/Durasan

No.	Fire Rating	Ref.	Design No.	Description	STC	Test No.
SOUND - FIRE						
1	1 hr.	FM GA	W6-1 hr. (WP-96) WP 6010	1/2" Fire-Shield G Durasan applied vertically to 2 1/2" screw studs 24" o.c. with 1" Type S screws spaced 36" o.c. Then attach aluminum battens over studs with 1" Type S screws spaced 12" o.c. Joints on opposite sides staggered 24" o.c. Place 1/2" wide vinyl inserts in battens. 2" (3 pcf) mineral wool in cavity.	47	NGC 2213
2	1 hr.	FM GA	W7A-1 hr. (WP-109) WP 6130	30" wide 5/8" Fire-Shield Durasan applied vertically to 2 1/2" steel studs 30" o.c. with steel batten retainers attached to each stud with 1 1/4" Type S screws spaced 9" o.c. Attach battens over retainers. 2" glass fiber in cavity.	44	NGC 2218
	1 hr.	UL GA	U405 WP 6040	48" wide 5/8" Fire-Shield Durasan applied vertically to 2 1/2" steel studs 24" o.c. with steel batten retainers attached to each stud with 1 1/4" Type S screws spaced 9" o.c. Stagger joints on opposite sides 24" o.c. Attach battens over retainers.	41	G&H NG-145FT
3	1 hr.	FM GA	W8-1 hr. (WP-110) WP 6020	1/2" Fire-Shield G Durasan vertically attached at joints to 2 1/2" steel studs 24" o.c. with 1" Type S screws spaced 30" o.c. Attach to intermediate studs with 3/8" bead of Gold Bond MC Adhesive. Attach batten retainers over joints with 1" Type S screws spaced 9" o.c. Attach battens over retainers, 2" (3.7 pcf) mineral wool in cavity.	48	RAL-TL65-101
4	1 hr.	FM GA	W9-1 hr. (WP-147) WP 3341	1/2" Fire-Shield G Durasan laminated vertically with joint compound over base layer of 1/4" sound deadening board nailed to 2 x 4 wood studs 16" o.c. fire stopped at mid-height. Base layer attached with 1 3/8" 4d cement-coated box nails 12" o.c. Stagger joints on opposite sides 16" o.c. Face layer laminated with 1/4" beads of joint compound 2" o.c. and secured across top and bottom with 1 7/8" 6d cement-coated nails 16" o.c. Stagger face layer joints 24" from base layer joints.	45	NGC 2321
5	1 hr.	FM GA	W11-1 hr. (WP-152) WP 1051	1/2" Fire-Shield G Durasan laminated vertically with joint compound over base layer of 1/4" sound deadening board attached to 2 1/2" steel studs 24" o.c. with 1" Type S screws 12" o.c. Stagger joints on opposite sides 24" o.c. Face layer laminated with 1/4" beads of joint compound 2" o.c. and secure across top and bottom with 1 5/8" Type S screws 8" o.c. Stagger face layer joints 24" o.c. from base layer joints. 2" mineral wool or glass fiber in cavity.	53	NGC 2318
6	2 hr.	UL GA	U411 Based on WP 1711	5/8" Fire-Shield Durasan laminated vertically with joint compound over base layer 5/8" Fire-Shield Gypsum Wallboard attached to 3 5/8" steel studs 24" o.c. Face layer laminated with 3/8" beads of joint compound 2" o.c. Face layer secured across top and bottom with 1 5/8" Type S screws 12" o.c. Joints of outer layer offset 12" from base layer joints. 3" glass fiber or mineral wool in cavity.	56	NGC 3022

Partitions/Solid

No.	Fire Rating	Ref.	Design No.	Description	STC	Test No.
1	1 hr.	FM GA	W24-1 hr. (WP-671) WP 1311	1" Fire-Shield Shaftliner with 1/2" regular Gypsum Wallboard laminated vertically, both sides.	34	Based on NGC 2359
2	2 hr.	FM GA	W15-2 hr. (WP-668) WP 1841	1" Fire-Shield Shaftliner with 1/2" Fire-Shield G Gypsum Wallboard laminated vertically, both sides.	34	Based on NGC 2359

DAVID SCOTT WINDLE, AIA
ARCHITECT

▼
Architecture
Interiors
Facilities

11 November 1992

Mr. Ray Korkowski
Township of Brick
401 Chambers Bridge Road
Brick, New Jersey 08723

1327 Empire Central
Suite 104
Dallas Texas 75247-4050
214/630-2902
Fax 214/637-4932

Chuck E. Cheese's - Brick, NJ
TVA Job No. 92048.00

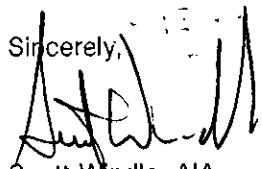
Dear Mr. Korkowski:

In reference to the above project and our previous correspondence of 24 September 1992 and 6 November 1992, both letters are to be considered in error. It is our understanding, by code, that the requirement is to provide a 2-hour fire wall separating our A-3 occupancy from adjacent tenants in the structure. Per BOCA (1990), we have drawn the following conclusions:

1. Table 313.1.2, the required fire resistance rating requirements for fire walls between use group (A-3) and use group (M) is required to be 2-hours.
2. Table 401, the required fire resistance rating for fire walls and party walls of type 5B construction is required to be 2-hour.
3. Table 907-1, the required fire resistance rating of a fire wall for an A3 occupancy is required to be 2-hours.
4. Tenant demising walls will be constructed as 2-hour fire walls. In accordance with Factory Mutual designs, the demising wall will consist of a 1" layer of Fire-Shield shaftliner with a layer of 1/2" Fire-Shield G Gypsum Wallboard laminated each side. This is FM Design No. W15-2hr. This design is depicted in the attached wall section sketch.
5. Structural members penetrating the tenant demising wall are an existing condition. These members will be protected by extending a 1/2" layer of Fire-Shield G Gypsum Wallboard 5'-0" each side of the demising wall along and attached to the underside of the structural members and up to and seated against the underside of the existing roof. This design is depicted in the attached wall section sketch.

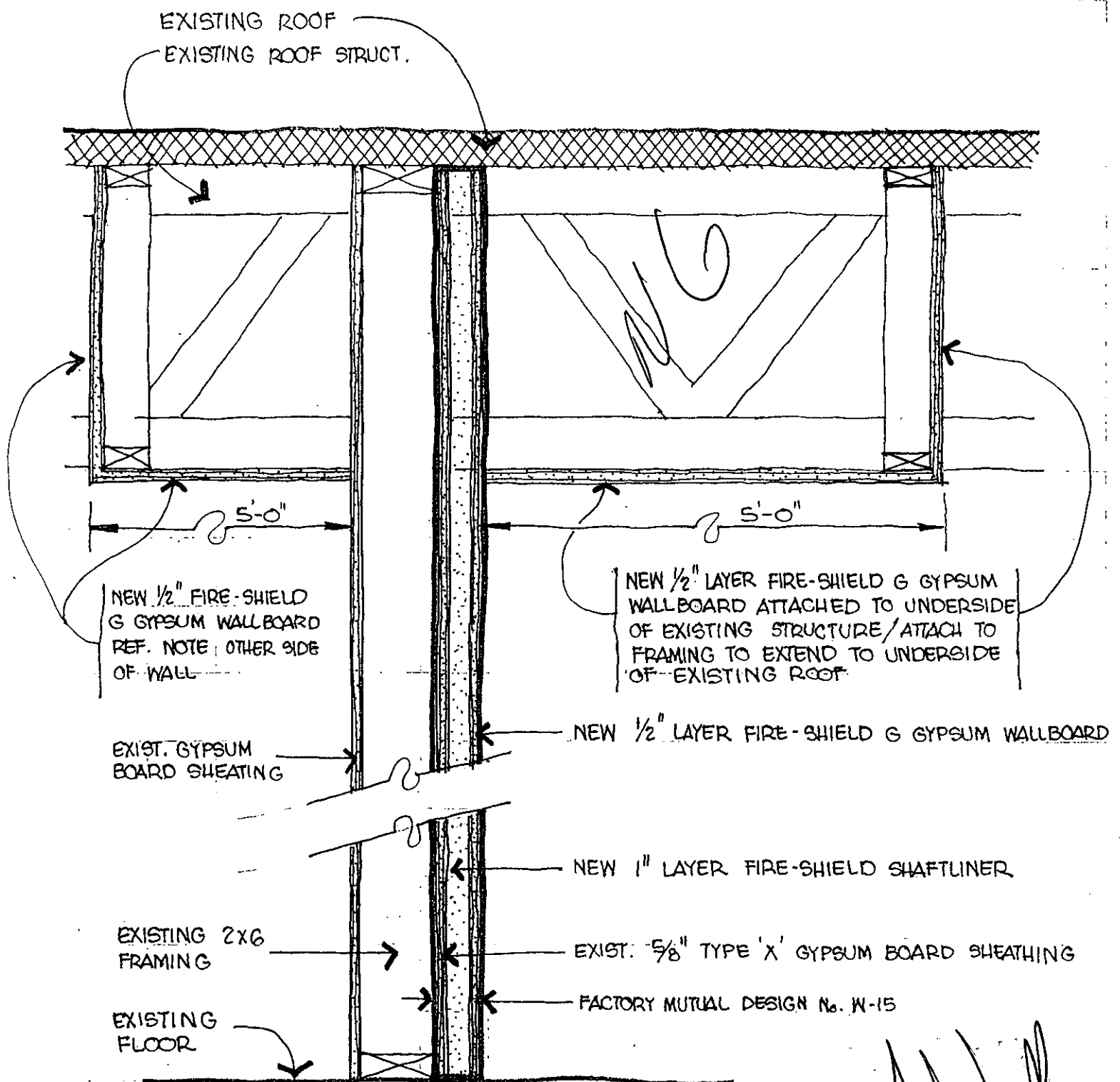
In addition, I have enclosed a copy of Underwriters Laboratory Design No. U508, which is the same 2-hour wall assembly design. Should you have need of any additional information or wish to discuss this matter, please contact me at this office.

Sincerely,


Scott Windle, AIA
President

Enclosures

cc: John Rose
Don Megliola



WALL SECTION

2 HOUR RATED DEMISING WALL

FACTORY MUTUAL DESIGN No. W-15 2HR

UL DESIGN No. U508

DAVID SCOTT WINDLE, AIA
ARCHITECT

Architecture
Interiors
Facilities

Job No.

92048.00

Date

11-11-92

Sheet No.

1

1327 Empire Central
Suite 104
Dallas Texas 75247-4050
214/630-2902
Fax 214/637-4932

Project

CHUCK E. CHEESE
BRICK, NJ

DAVID SCOTT WINDLE, AIA
ARCHITECT

Architecture
Interiors
Facilities

1327 Empire Central
Suite 104
Dallas Texas 75247-4050
214/630-2902
Fax 214/637-4932

12 November 1992

Mr. Ray Korkowski
Township of Brick
401 Chambers Bridge Road
Brick, New Jersey 08723

Re: Chuck E. Cheese's
Brick, New Jersey
TVA Job No. 92048.00

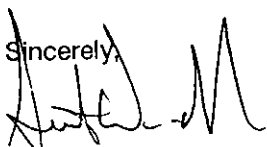
Dear Mr. Korkowski:

Having received and reviewed your response, dated 9 November 1992, to our request for reduction in the rating of the fire wall in question on this project, we offer the following:

1. We understand that the shopping center, as it currently exists, does not comply with the minimum requirements for Type 5B construction, but is "grandfathered" in as a mercantile use.
2. As such, the fire separation walls, in your opinion, in Table 313.1.2, Table 401 and Table 907-1 are not applicable.
3. While we do not agree fully with your interpretation, we do not wish to appeal or delay this job in any further manner. Therefore, we will build the three-hour separation wall per the attached U.L. design U501 or U435. At the contractor's option, either of these designs is acceptable and will achieve the required three-hour rating.

Ray, I do appreciate your working with us on this project as you have, and hope that this will solve everyone's concerns.

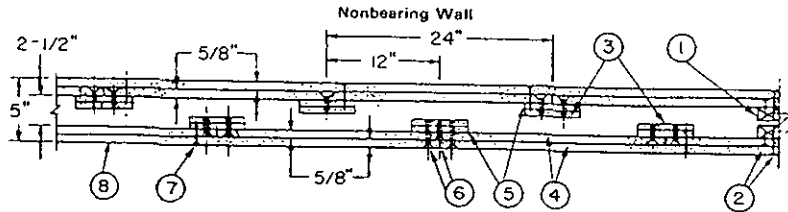
Sincerely,


Scott Windle

SW/fb

cc: Don Megliola
John Rose

Design No. U501
Assembly Rating—3 Hr.



Horizontal Section

1. Wood† or Steel Runners—Two 1- by 1½-in. yellow pine, or 24 MSG galv steel channels, spaced ½ in. apart, used on sill, lintel and sides, fastened to concrete or masonry with ½-in. bolts 3 in. long and expansion shields or 3½-in. masonry nails, spaced 16 to 20 in. O.C.
2. Nails or screws—Used to secure inner layer of wallboard to wood or steel runners. Nails, 5d, 1½ in. long, ¼ in. heads, spaced 8 in. O.C. are used with wood runners. Sheet-metal screws, No. 10 or larger, spaced 12 in. O.C. are used with metal runners. 8d, 2 ½ in. long, ¼ in. diam head nails spaced 8 in. O.C. to secure outer layer of wallboard to wood runners, or No. 10 screws spaced 12 in. O.C. used with metal runners.
3. Wallboard Ribs—Two layers of ½ in. thick wallboard glued together with casein type glue to form 6 in. wide ribs, 4 in. less in length than partition height. Located at vertical joints and spaced 24 in. O.C., staggered 12 in. from ribs of opposite side.
4. Wallboard, Gypsum*—½ in. thick, inner layer, with vertical joints, attached to ribs with glue and screws and to runners with nails or sheet-metal screws. Outer layer, with horizontal joints, attached to inner layer with glue, nails, and screws.
Celotex Corp.—Type B, C, FRP or SF3.
Domtar Construction Materials—Type C.
Domtar Industries, Inc.—Type C.
Flintkote Co.—Type III or IV.
Georgia-Pacific Corp., Gypsum Div.—Types GPFS1, GPFS3, GPFS4.
Gold Bond Building Products—Type FSW-G or FSK-G.
Pabco Gypsum—Types PG-3, PG-4, PG-6.
Republic Gypsum Co.—Type RG-1, RG-3, or RG-4.
Temple-Eastex, Inc.—Types -3, VPB-3.
Weyerhaeuser Co., Gypsum Div.—Type DDG2 or DDDG3.
5. Adhesive—Casein type, mixed 4 lbs of dry powder to 1.4 gal of water.
6. Screws—No. 8 Phillips head screws, 1½ in. long attaching inner layer to ribs spaced vertically 20 in. O.C., 2 in. long attaching outer layer to ribs spaced vertically and horizontally 24 in.
7. Nails—8d, 2½ in. long finishing nails spaced vertically 8 in. O.C. and at 45 deg angle attaching outer layer through inner layer to ribs.
8. Finishing System—Exposed or covered with fiber tape and joint finisher. As an alternate, nom ⅞ in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.

†When wood runners are used the rating is combustible.
*Bearing the UL Classification Marking.

Handwritten signature

DAVID SCOTT WINDLE, AIA
ARCHITECT

Architecture
Interiors
Facilities

Job No.

42048.00

Date

12 Nov. 92

Sheet No.

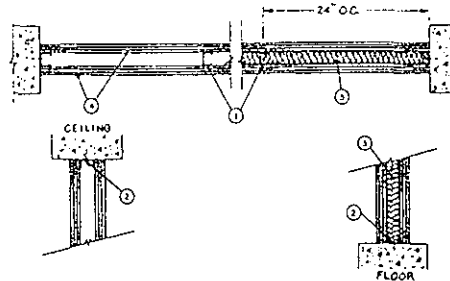
1327 Empire Central
Suite 104
Dallas Texas 75247-4050

214/630-2902
Fax 214/637.4032

Project

CHUCK E. CHEESE'S
BRICK PLAZA
BRICK, NEW JERSEY

Design No. U435
Assembly Rating—3 Hr or 4 Hr (See Item 4)
Nonbearing Wall



1. Studs - Channel-shaped, 1 1/4 in. wide by 1 1/4 in. deep, with 1/16 in. folded back return flange legs. Fabricated from No. 25 MSG galvanized steel. Stud spacing 16 or 24 in. O.C. Studs to be cut 1 in. less than assembly height.
2. Floor and Ceiling Runners - Channel-shaped runners, 1 1/4 in. wide by 1 1/4 in. deep, fabricated from No. 25 MSG galvanized steel. Attached to floor and ceiling with fasteners spaced 24 in. O.C. max.
3. Batts and Blankets* - (optional) - Nominal 1 1/2 in. thick, placed in interior of wall cavity.
USG Acoustical Products Co.

4. Wallboard, Gypsum* - 1/2 in. thick, 4 ft wide with square or tapered edges.

For 4 Hr Rating - Four layers of wallboard to be used. Inner layers to be applied vertically with joints centered over studs. Outer layer may be applied vertically or horizontally. First layer fastened to each stud with 1 in. long Type S, self-tapping steel screws. Second layer fastened to each stud through the first layer with 1 1/4 in. long, Type S, self-tapping steel screws. Third layer fastened to each stud through the first and second layers with 2 1/4 in. long, Type S, self-tapping steel screws. Fourth layer fastened to each stud through the first, second and third layers with 2 1/4 in. long, Type S, self-tapping steel screws. First layer screws shall be located 5 in. from top and bottom of wall with a maximum spacing of 48 in. O.C. vertically between top and bottom screws. Second and third layer screws shall be located 4 and 3 in., respectively, from the top and bottom of wall with the same vertical spacing as the first layer screws. Fourth layer screws shall be located 2 in. from top and bottom of wall and spaced 12 in. O.C. vertically. Each fourth layer horizontal board end shall be centered over and secured to the stud with screws spaced 1/2 in. from end joint and 12 in. O.C. vertically. Board end joints shall be staggered. At board side joints all screws shall be located 1/2 in. from the joints. Fourth layer also secured to the second and third layers with 1 1/4 in. long, Type G, self-tapping steel screws located midway between studs and 1 in. from the horizontal joint. Joints in each layer of wallboard to be staggered from the joints in the adjacent layer and on opposite sides of studs.

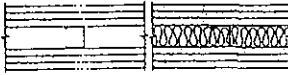
For 3 Hr Rating - Three layers of wallboard to be used. Inner layers to be applied vertically with joints centered over studs. Outer layer may be applied vertically or horizontally. First layer fastened to each stud with 1 in. long, Type S, self-tapping steel screws. Second layer fastened to each stud through the first layer with 1 1/4 in. long, Type S, self-tapping steel screws. Third layer fastened to each stud through the first and second layers with 2 1/4 in. long, Type S, self-tapping steel screws. First and second layer screws shall be located 4 and 3 in. from top and bottom of wall, respectively, with a maximum spacing of 48 in. O.C. vertically. The third layer screws shall be located 2 in. from top and bottom of wall with a maximum spacing of 12 in. O.C. vertically. Each third layer horizontal board end shall be centered over and secured to the stud with Type S, self-tapping steel screws spaced 1/2 in. from end joint and 12 in. O.C. vertically. Third layer, also secured to the first and the second layers with 1 1/4 in. long, Type G, self-tapping steel screws located midway between studs and 1 in. from the horizontal joint. Board end joints shall be staggered. Vertical board joints to be staggered from the joints in the adjacent layer and on opposite sides of studs.

Canadian Gypsum Co., Ltd.—Type C.

United States Gypsum Co., Type C or IP-X2

5. Joint Tape and Compound - Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads. Paper tape, 2 in. wide, embedded in first layer of compound over all joints.

*Bearing the UL Classification Marking

3 HR	55 to 59	WP 2800 (1)	Gypsum Wallboard, Metal Studs Base layer 1/2" proprietary type X gypsum wallboard or gypsum veneer base applied parallel to each side of 1 1/4" metal studs 24" o.c. with joints staggered 24" each side using 1" Type S drywall screws 24" o.c. Second layer 1/2" proprietary type X gypsum wallboard or gypsum veneer base applied parallel to each side with joints staggered 24" o.c. from base layer joints attached to studs with 1 1/4" Type S drywall screws 24" o.c. Face layer of 1/2" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles or parallel to each side attached to studs with 2 1/4" Type S drywall screws 12" o.c. with 1 1/4" Type G drywall screws at mid-point between studs 1" from horizontal joints for right angle application of wallboard. Sound tested using 1 1/2" mineral fiber in stud space. (NLB)	 Thickness: 4 1/4" Approx. Weight: 13 psf Fire Test: UL R 1319-138, 139, 5/27/82 Design U435 Sound Test: FSTC SA-830112
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DAVID SCOTT WINDLE, AIA
ARCHITECT

Architecture
Interiors
Facilities

Job No.

92048.00

Date

12 NOV 92

Sheet No.

1327 Empire Central
Suite 104
Dallas Texas 75247-4050

214/630-2902
Fax 214/637-6032

Project

CHUCK E. CHEESE'S
BRICK PLAZA
BRICK, NEW JERSEY

1327 Empire Central
Suite 104
Dallas Texas 75247-4050
214/630-2902
Fax 214/637-4932

12 November 1992

Mr. Ray Korkowski
Township of Brick
401 Chambers Bridge Road
Brick, New Jersey 08723

Re: Chuck E. Cheese's
Brick, New Jersey
TVA Job No. 92048.00

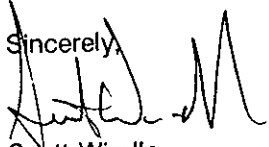
Dear Mr. Korkowski:

Having received and reviewed your response, dated 9 November 1992, to our request for reduction in the rating of the fire wall in question on this project, we offer the following:

1. We understand that the shopping center, as it currently exists, does not comply with the minimum requirements for Type 5B construction, but is "grandfathered" in as a mercantile use.
2. As such, the fire separation walls, in your opinion, in Table 313.1.2, Table 401 and Table 907-1 are not applicable.
3. While we do not agree fully with your interpretation, we do not wish to appeal or delay this job in any further manner. Therefore, we will build the three-hour separation wall per the attached U.L. design U501 or U435. At the contractor's option, either of these designs is acceptable and will achieve the required three-hour rating.

Ray, I do appreciate your working with us on this project as you have, and hope that this will solve everyone's concerns.

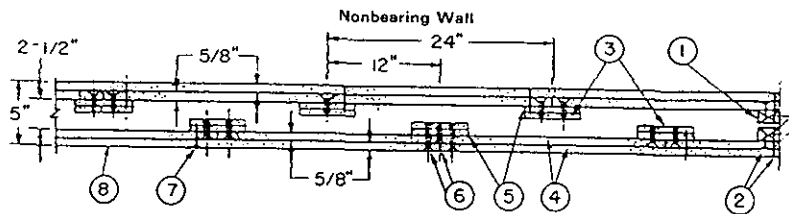
Sincerely,


Scott Windle

SW/fb

cc: Don Megliola
John Rose

Design No. U501
Assembly Rating—3 Hr.



Horizontal Section

1. Wood† or Steel Runners—Two 1- by 1½-in. yellow pine, or 24 MSG galv steel channels, spaced ½ in. apart, used on sill, lintel and sides, fastened to concrete or masonry with ½-in. bolts 3 in. long and expansion shields or 3½-in. masonry nails, spaced 16 to 20 in. O.C.
2. Nails or screws—Used to secure inner layer of wallboard to wood or steel runners. Nails, 5d, 1½ in. long, ¼ in. heads, spaced 8 in. O.C. are used with wood runners. Sheet-metal screws, No. 10 or larger, spaced 12 in. O.C. are used with metal runners. 8d, 2 ½ in. long, ¼ in. diam head nails spaced 8 in. O.C. to secure outer layer of wallboard to wood runners, or No. 10 screws spaced 12 in. O.C. used with metal runners.
3. Wallboard Ribs—Two layers of ½ in. thick wallboard glued together with casein type glue to form 6 in. wide ribs, 4 in. less in length than partition height. Located at vertical joints and spaced 24 in. O.C., staggered 12 in. from ribs of opposite side.
4. Wallboard, Gypsum*—½ in. thick, inner layer, with vertical joints, attached to ribs with glue and screws and to runners with nails or sheet-metal screws. Outer layer, with horizontal joints, attached to inner layer with glue, nails, and screws.
Celotex Corp.—Type B, C, FRP or SF3.
Domtar Construction Materials—Type C.
Domtar Industries, Inc.—Type C.
Flintkote Co.—Type III or IV.
Georgia-Pacific Corp., Gypsum Div.—Types GPFS1, GPFS3, GPFS4.
Gold Bond Building Products—Type FSW-G or FSK-G.
Pabco Gypsum—Types PG-3, PG-4, PG-6.
Republic Gypsum Co.—Type RG-1, RG-3, or RG-4.
Temple-Eastex, Inc.—Types -3, VPB-3.
Weyerhaeuser Co., Gypsum Div.—Type DDG2 or DDDG3.
5. Adhesive—Casein type, mixed 4 lbs of dry powder to 1.4 gal of water.
6. Screws—No. 8 Phillips head screws, 1½ in. long attaching inner layer to ribs spaced vertically 20 in. O.C., 2 in. long attaching outer layer to ribs spaced vertically and horizontally 24 in.
7. Nails—8d, 2½ in. long finishing nails spaced vertically 8 in. O.C. and at 45 deg angle attaching outer layer through inner layer to ribs.
8. Finishing System—Exposed or covered with fiber tape and joint finisher. As an alternate, nom ⅜ in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.

†When wood runners are used the rating is combustible.
*Bearing the UL Classification Marking.

Handwritten signature

DAVID SCOTT WINDLE, AIA
ARCHITECT

Architecture
Interiors
Facilities

Job No.

92048.00

Date

12 NOV. 92

Sheet No.

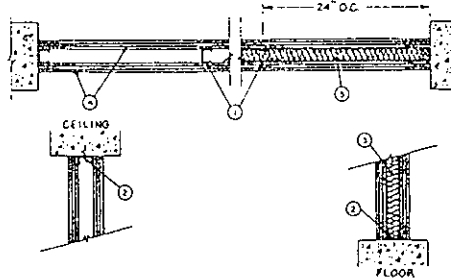
1327 Empire Central
Suite 104
Dallas Texas 75247-4050

214/630-2902
Fax 214/637-4037

Project

CHUCK E. CHEESE'S
BRICK PLAZA
BRICK, NEW JERSEY

Design No. U435
 Assembly Rating—3 Hr or 4 Hr (See Item 4)
 Nonbearing Wall



1. Studs - Channel-shaped, 1 1/4 in. wide by 1 1/4 in. deep, with 1/4 in. folded back return flange legs. Fabricated from No. 25 MSG galvanized steel. Stud spacing 16 or 24 in. O.C. Studs to be cut 1 in. less than assembly height.
2. Floor and Ceiling Runners - Channel-shaped runners, 1 1/4 in. wide by 1 1/4 in. deep, fabricated from No. 25 MSG galvanized steel. Attached to floor and ceiling with fasteners spaced 24 in. O.C. max.
3. Batts and Blankets* - (optional) - Nominal 1 1/2 in. thick, placed in interior of wall cavity.
 USG Acoustical Products Co.

4. Wallboard, Gypsum* - 1/2 in. thick, 4 ft wide with square or tapered edges.
 For 4 Hr Rating - Four layers of wallboard to be used. Inner layers to be applied vertically with joints centered over studs. Outer layer may be applied vertically or horizontally. First layer fastened to each stud with 1 in. long Type S, self-tapping steel screws. Second layer fastened to each stud through the first layer with 1 1/4 in. long, Type S, self-tapping steel screws. Third layer fastened to each stud through the first and second layers with 2 1/4 in. long, Type S, self-tapping steel screws. Fourth layer fastened to each stud through the first, second and third layers with 2 1/4 in. long, Type S, self-tapping steel screws. First layer screws shall be located 5 in. from top and bottom of wall with a maximum spacing of 48 in. O.C. vertically between top and bottom screws. Second and third layer screws shall be located 4 and 3 in., respectively, from the top and bottom of wall with the same vertical spacing as the first layer screws. Fourth layer screws shall be located 2 in. from top and bottom of wall and spaced 12 in. O.C. vertically. Each fourth layer horizontal board end shall be centered over and secured to the stud with screws spaced 1/2 in. from end joint and 12 in. O.C. vertically. Board end joints shall be staggered. At board side joints all screws shall be located 1/2 in. from the joints. Fourth layer also secured to the second and third layers with 1 1/2 in. long, Type G, self-tapping steel screws located midway between studs and 1 in. from the horizontal joint. Joints in each layer of wallboard to be staggered from the joints in the adjacent layer and on opposite sides of studs.

For 3 Hr Rating - Three layers of wallboard to be used. Inner layers to be applied vertically with joints centered over studs. Outer layer may be applied vertically or horizontally. First layer fastened to each stud with 1 in. long, Type S, self-tapping steel screws. Second layer fastened to each stud through the first layer with 1 1/4 in. long, Type S, self-tapping steel screws. Third layer fastened to each stud through the first and second layers with 2 1/4 in. long, Type S, self-tapping steel screws. First and second layer screws shall be located 4 and 3 in. from top and bottom of wall, respectively, with a maximum spacing of 48 in. O.C. vertically. The third layer screws shall be located 2 in. from top and bottom of wall with a maximum spacing of 12 in. O.C. vertically. Each third layer horizontal board end shall be centered over and secured to the stud with Type S, self-tapping steel screws spaced 1/2 in. from end joint and 12 in. O.C. vertically. Third layer, also secured to the first and the second layers with 1 1/2 in. long, Type G, self-tapping steel screws located midway between studs and 1 in. from the horizontal joint. Board end joints shall be staggered. Vertical board joints to be staggered from the joints in the adjacent layer and on opposite sides of studs.

Canadian Gypsum Co., Ltd.—Type C.
 United States Gypsum Co., Type C or IP-X2

5. Joint Tape and Compound - Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads. Paper tape, 2 in. wide, embedded in first layer of compound over all joints.

*Bearing the UL Classification Marking

3 HR	55 to 59	WP 2800 (1)	Gypsum Wallboard, Metal Studs Base layer 1/2" proprietary type X gypsum wallboard or gypsum veneer base applied parallel to each side of 1 1/4" metal studs 24" o.c. with joints staggered 24" each side using 1" Type S drywall screws 24" o.c. Second layer 1/2" proprietary type X gypsum wallboard or gypsum veneer base applied parallel to each side with joints staggered 24" o.c. from base layer joints attached to studs with 1 1/4" Type S drywall screws 24" o.c. Face layer of 1/2" proprietary type X gypsum wallboard or gypsum veneer base applied at right angles or parallel to each side attached to studs with 2 1/4" Type S drywall screws 12" o.c. with 1 1/2" Type G drywall screws at mid-point between studs 1" from horizontal joints for right angle application of wallboard. Sound tested using 1 1/2" mineral fiber in stud space. (NLB)	 Thickness: 4 1/8" Approx. Weight: 13 psf Fire Test: UL R1319-138, 139, 5/27/82 Design U435 Sound Test: FSTC SA-830112
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DAVID SCOTT WINDLE, AIA
 ARCHITECT

Architecture
 Interiors
 Facilities

Job No.

92048.00

Date

12 NOV 92

Sheet No.

1327 Empire Central
 Suite 104
 Dallas Texas 75247-4050

214/630-2902
 Fax 214/637-4032

Project

CHUCK E. CHEESE'S
 BRICK PLAZA
 BRICK, NEW JERSEY

RECEIVED AUG 12 1992



ETL Testing Laboratories, Inc.

U.S. Rt. 11 P.O. Box 2040 Cortland, New York 13045-2040 Telephone 607-753-6711 TWX 510-252-0792 FAX 607-756-9891

Testing Inspection Certification

Acoustical - Air Conditioning & Refrigeration - Electrical - Heating - Mechanical - Photometric - Safety

August 7, 1992

ETL ORDER NO. 66680-202
LETTER REPORT NO. 520399

Mr. Martin Hodges
Diversified T.E.S.T. Technologies, Inc.
Route 222, P.O. Box 8
Groton, New York 13073

SUBJECT: Stage Lighting Electrical Panel

Dear Mr. Hodges:

We have completed our evaluation of your Stage Lighting Electrical Panel and this letter will serve as our report.

We would like to inform you that several constructional features are not in compliance with the requirements of the Standard for Control Centers For Changing Message Type Electric Signs (UL-1433, 13th Edition) and the Standard for Industrial Control Equipment (UL-508, 15th Edition). We have also made reference to the National Electrical Code (NFPA-70). We have outlined these areas for you below to assist you in making any modifications needed to meet the requirements.

1. The enclosure door must be hinged. (REF: Paragraph 7.3, UL-1433 and paragraph 5.9, UL-508)

"PIANO HINGED IS OK"

SUGGESTION: Replace present enclosure with a "Listed" enclosure that has a hinged door.

2. A legible "Caution" marking with the same or equivalent wording as shown below must be provided on the outside of the enclosure door. (REF: Paragraphs 8.7 and 49.2, UL-1433)

DONE

CAUTION: RISK OF ELECTRIC SHOCK. DISCONNECT ALL
SOURCES OF SUPPLY BEFORE SERVICING.

The marking mentioned above must be permanent to meet the requirements of paragraph 45.1, UL-1433. (See item no. 6 for definition permanent marking).

MYLAR, STAMPED, SILKSCREENED

An independent organization testing for safety, performance, and certification.

All services undertaken subject to the following general policy: Reports are submitted for exclusive use of the clients to whom they are addressed. Their significance is subject to the adequacy and representative character of the samples and to the comprehensiveness of the tests, examinations or surveys made. No quotations from reports or use of ETL's name is permitted except as expressly authorized by ETL in writing.

Mr. Hodges

Page 2

August 8, 1992

- PLAN FOR #12 AWG STRANDED DONE
3. The field wiring terminals must be provided with upturned lugs or cupped washers or the equivalent to hold the field wiring in position. "The upturned lugs or cupped washers shall be capable of retaining a No. 14 AWG (2.1 mm²) or larger supply conductor under the head of the screw or washer." (REF: Paragraphs 11.7 and 11.8, UL-1433)

SUGGESTION: Replace terminals with ETL, UL or CSA Recognized type that will accommodate stranded wire. (ie. Has screw and clamp to hold wire) Be sure that terminal blocks have proper voltage and current ratings.

- DONE SEPERATE DEDICATED GROUND BUS TO INSURE A PVC HOOKUP HAS A GROUND
4. The panel must be provided with a field wiring equipment ground terminal. (REF: Paragraph 24.3 of UL-1433 and paragraphs 49.1 and 49.2, UL-508) Also, because the unit is intended to be connected to eight (8) separate sources of supply, paragraph 250-62 of the National Electrical Code, NFPA-70 also applies and requires that "... a means for grounding shall be provided for each (Circuit) such connection as specified in Sections 250-57 and 250-59.

SUGGESTION: Provide a field wiring ground bus that will accommodate the ground conductors from each branch circuit. The ground bus must be bonded to the enclosure.

- DONE
5. The equipment ground terminal mentioned in item no. 4 must be permanently marked with; "G", "GR", "GRD", "GROUND" or "GROUNDING". (REF: Paragraph 49.4 of UL-508)

SUGGESTION: Provide a permanent marking to identify the ground bus. (See item no. 6 for definition permanent marking)

- GROUND SYMBOL HAS TO BE WORDED IN MANUAL
6. The labels that presently mark the field wiring terminals are not permanent. Although they are not required to be permanent, we suggest that you use a permanent type label as defined below:

DONE

Paragraph 25.1 of UL-508 specifies that all markings that are required to be permanent shall be molded, die-stamped, paint-stenciled, stamped or etched metal that is permanently secured, or indelibly stamped lettering on a pressure sensitive label secured by adhesive.

SUGGESTION: Use indelibly stamped lettering on a pressure sensitive label secured by adhesive for all marking labels.

- DONE
7. The secondary wiring insulation (Purple colored wire) has no voltage rating markings. The wiring insulation must be rated for use at the highest of the voltages in the primary circuits. (REF: paragraph 26.12, UL-1433 and paragraph 44.12, UL-508)

SUGGESTION: Provide listed or recognized wiring rated for 150 Volts or better, or provide proof that wire indicated has the required rating.

Mr. Hodges

Page 3

August 8, 1992

8. The product must be rated in Watts. (REF: Paragraph 47.1, UL-1433) In addition to this, the unit must also be rated in Volts, supply frequency and Watts for each separate branch circuit connected to it.

MAX
RATING

SUGGESTION: Provide ratings on the nameplate as shown in item no. 9.

OUTSIDE OF BOX OR ANY READABLE AREA ON FRONT
OR INSIDE

9. In order to comply with section 48, UL-1433, the product must be legibly and permanently marked on the outside of the enclosure door with;

- a. The manufacturer's name, trade name, or trade mark.
- b. The day or other dating period of manufacture not exceeding any three consecutive months.

NOTE: The date of manufacture may be abbreviated or in an established code.

- c. A distinctive catalog or model number or the equivalent.
- d. The product shall be marked with the electrical ratings for each supply source with the same or equivalent wording as shown below.

I)

Input XXY	117 Volts	60 Hz	XX Watts
Input XXY	117 Volts	60 Hz	XX Watts
Input XXY	117 Volts	60 Hz	XX Watts
Input XXY	117 Volts	60 Hz	XX Watts
Input XXY	117 Volts	60 Hz	XX Watts
Input XXY	117 Volts	60 Hz	XX Watts
Input XXY	117 Volts	60 Hz	XX Watts
*Input XXY	Class 2 Circuit	24 Vdc	

OR

II)

Input XXY	117 Volts	60 Hz	XX Watts
Input XXY	117 Volts	60 Hz	XX Watts
Input XXY	117 Volts	60 Hz	XX Watts
Input XXY	117 Volts	60 Hz	XX Watts
Input XXY	117 Volts	60 Hz	XX Watts
Input XXY	117 Volts	60 Hz	XX Watts
Input XXY	117 Volts	60 Hz	XX Watts
Input XXY	117 Volts	60 Hz	XX Watts
*Input XXY	24 Volts dc	XX Watts	

Mr. Hodges

Page 4

August 8, 1992

9. (Cont'd)

NOTE: Supply circuit markings will have to be renamed on terminal labels.

*See item number 10 below.

10. The field wiring terminals for the 24 Vdc supply must be either:
(REF: Paragraphs 44.5 and 44.6)

a) Segregated from the primary circuits by a suitable barrier and provided with a separate field wiring entrance. The nameplate must identify the circuit as a Class 2 as shown in item no. 9d, I.

or

b) Separated from the primary circuits and provided with overcurrent protection on the load side of the field wiring connections with a fuse no larger than 4 Amperes. The nameplate marking must identify the circuit as shown in item 9d, II.

*NOTE: A barrier such as "Fish Paper" could be used provided it creates a separate field wiring compartment.

*HELD IN PLACE BY BOLT OR GLUE
* PLASTIC COULD BE USED BUT NEEDS TO
MEET FLAMABILITY RATING*

If 10b is chosen:

- DONE* 1) The field wiring terminals must be permanently marked as shown below:

USE CONDUCTORS RATED 150 VOLTS OR HIGHER

- DONE* 2) A permanent fuse replacement marking must be provided next to the fuse and worded as shown below:

WARNING: FOR CONTINUED PROTECTION AGAINST THE RISK OF FIRE,
REPLACE WITH 4 AMPERE FUSE.

ETL Testing Laboratories, Inc.

LETTER REPORT NO. 520399

Mr. Hodges

Page 5

August 8, 1992

- DONE* 11. The "in-line" type fuseholders are not rated for use in 120 Volt circuits. (REF: Section 4, UL-1433 and Section 4, UL-508)

SUGGESTION: Replace fuseholders with type rated for 120 Volts or better.

This letter completes the original work anticipated by our Order No. 66680-202. Please review our comments and send us a letter describing the method of correcting each item listed in this report.

Please supply us with information about any components that will be added or used to replace those mentioned in this report (ie. Manufacturer, Catalog No., ratings)

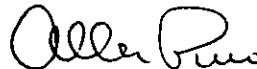
Please contact us if you have any questions.

Sincerely,



Ronald Novello
Project Engineer

Reviewed by:



Allen L. Pirro, P. E.
Manager

msl/hkf

Table 313.1.2
FIRE RESISTANCE RATING REQUIREMENTS FOR FIRE SEPARATION
ASSEMBLIES BETWEEN MIXED USES AND FIRE AREAS (hrs.)

Use Group

NA = Not Applicable

Use Group	A-1	A-2	A-3	A-4	A-5	B	E	F-1	F-2	H	I-1	I-2	I-3	M	R-1	R-2	R-3	S-1	S-2	U
A-1	NA	3	2	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
A-2	3	3	3	3	3	3	3	3	3	4	3	3	3	3	3	3	3	3	3	NA
A-3	2	2	2	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
A-4	NA	2	2	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
A-5	NA	2	2	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
B	NA	2	2	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
E	NA	2	2	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
F-1	2	2	2	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
F-2	NA	4	2	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
H	NA	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	NA
I-1	NA	3	3	3	3	3	3	3	3	4	3	3	3	2	2	2	2	2	2	NA
I-2	NA	3	3	3	3	3	3	3	3	4	3	3	3	2	2	2	2	2	2	NA
I-3	NA	3	3	3	3	3	3	3	3	4	3	3	3	2	2	2	2	2	2	NA
M	2	2	2	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
R-1	NA	2	2	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
R-2	NA	2	2	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
R-3	NA	2	2	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
S-1	2	2	2	2	2	2	2	2	2	4	2	3	3	2	2	2	2	2	2	NA
S-2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

USE GROUP

All use groups:
Paint shops
than Use G
hazardous
less than ti
classificati
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**THE BRICK TOWNSHIP
MUNICIPAL UTILITIES AUTHORITY**

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

CERTIFICATE OF COMPLIANCE

Date.....1/7/93.....

NAME.....Chuck E. Cheese.....

ADDRESS.....Brick Plaza Shopping Center Brick, NJ.....

PROPERTY LOCATION.....Brick Plaza-Chuck E. Cheese.....

Account No.....J960927..... Block.....671..... Lot.....8.....

I hereby certify that the above applicant has complied with all Rules
and Regulations of this Authority and has paid all required fees and charges.

For the Authority.....*Gatti: Evan*.....

TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY

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

OFFICE OF:



(908) 477-3000

FACISIMILE CORRESPONDENCE

(908) 920-4850

DATE 11-13-92 TO FAX NO. 1-609-530-8858 PAGES TO FOLLOW _____

TO D. C. A.

ATTN ANMAI

FROM RAY KORKOWSKI

MESSAGE

BRICK Township
Building Dept.



OCEAN COUNTY HEALTH DEPARTMENT

PO Box 2191
Toms River NJ 08754 2191
908 341 9700

HERBERT W ROESCHKE
PUBLIC HEALTH COORDINATOR

September 21 1992

Township of Brick
401 Chambers Bridge Road
Brick, New Jersey 08723

re Proposed Floor Plans
Block 671 Lot 8
Chuck & Cheese's Pizza
State Hwy 70 & Cedarbride Rd/
Brick

Dear Sir

I have reviewed the floor plans for the above-referenced proposed food establishments and have found them to be in substantial compliance with Chapter XII, the N J State Retail Food Code

If you should have any questions, please feel free to contact me at this office

Very truly yours,

Joseph A. Caprio
Sanitary Inspector

cc Brick Township Board of Health
Brick Township, Arthur Cierzo, Construction Official

JAC/pjp



QUESTIONS? CALL 800-238-5355 TOLL FREE.

AIRBILL
PACKAGE
TRACKING NUMBER*

6005793205

2324N

6005793205

Date

1/11

RECIPIENT'S COPY

From (Your Name) Please Print Pat Alterisio		Your Phone Number (Very Important) (617-272-3131)		To (Recipient's Name) Please Print Judy		Recipient's Phone Number (Very Important) (908) 477-3600	
Company ALTERISIO CONSTRUCTION INC		Department/Floor No.		Company Municipal Offices Bldg.		Department/Floor No.	
Street Address 2 PLEASANT ST		City BURLINGTON		Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.) 401 Chambers Bridge Rd.		Bldg. Dept. Brick N.J.	
State MA		ZIP Required 01803		City Brick		State N.J.	
						ZIP Required 08723	

YOUR INTERNAL BILLING REFERENCE INFORMATION (optional) (First 24 characters will appear on invoice.)

IF HOLD FOR PICK-UP, Print FEDEX Address Here
Street Address
City State ZIP Required

PAYMENT 1 ☐ Bill Sender	2 ☐ Bill Recipient's FedEx Acct. No.	3 ☐ Bill 3rd Party FedEx Acct. No.	4 ☐ Bill Credit Card
5 ☐ Cash/Check			

SERVICES (Check only one box)		DELIVERY AND SPECIAL HANDLING (Check services required)		PACKAGES		WEIGHT In Pounds Only		YOUR DECLARED VALUE (See right)		Emp. No.		Date		Federal Express Use			
Priority Overnight (Delivery by next business morning) 11 ☐ OTHER PACKAGING 16 ☐ FEDEX LETTER* 12 ☐ FEDEX PAK* 13 ☐ FEDEX BOX 14 ☐ FEDEX TUBE		Standard Overnight (Delivery by next business afternoon, No Saturday delivery) 51 ☐ OTHER PACKAGING 56 ☐ FEDEX LETTER* 52 ☐ FEDEX PAK* 53 ☐ FEDEX BOX 54 ☐ FEDEX TUBE		HOLD FOR PICK-UP (Fill in Box H) 1 ☐ WEEKDAY 31 ☐ SATURDAY DELIVER 2 ☒ WEEKDAY 3 ☐ SATURDAY (Extra charge) 4 ☐ DANGEROUS GOODS (Extra charge) 5 ☐ 6 ☐ DRY ICE Dangerous Goods Shipper's Declaration not required Dry Ice, 9 UN 1845, X kg. III 7 ☐ OTHER SPECIAL SERVICE 8 ☐ 9 ☐ SATURDAY PICK-UP (Extra charge) 10 ☐ DESCRIPTION 11 ☐ 12 ☐ HOLIDAY DELIVERY (if offered) (Extra charge)		1 2 3 4 5 6 7 8 9 10 11 12		Total		Total		Total		Street Address City State Zip Received By: X Date/Time Received FedEx Employee Number		Base Charges Declared Value Charge Other 1 Other 2 Total Charges	
Economy Two-Day (Delivery by second business day) 30 ☐ ECONOMY		Government Overnight (Restricted for authorized users only) 46 ☐ GOVT LETTER 41 ☐ GOVT PACKAGE		DIM SHIPMENT (Chargeable Weight) L x W x H Received At 1 ☐ Regular Stop 2 ☐ Drop Box 3 ☒ B.S.C. 4 ☐ Station 5 ☐ On-Call Stop 6 ☐										REVISION DATE 6/92 PART #137204 NCREC 10/92 FORMAT #136 136 © 1991-92 FEDEX PRINTED IN U.S.A.			

VINCENT

TRANSMITTAL

THE VINCENT ASSOCIATION

RECEIVED

JAN 4 - 1993

DIV. OF INSPECTION

1327 Empire Central
Suite 104
Dallas Texas 75247-4050
214/630-2902
Fax 214/637-4932

Architecture
Interiors
Facilities

To:

Township of Brick
401 Chambers Bridge Road
Brick, NJ 08723

Date: 31 December 1992
Job No.: 92048.00
Project: Chuck E. Cheese's
Brick, NJ

Attn:

Ray Korkowski

We are sending you:

- ☒ As Requested
☐ Attached

For Your:

- ☒ Use
☐ Bidding
☐ Cost Estimating
☐ Record
☐ Information
☐ Review & Comment

The Following:

- ☐ Prints
☐ Samples
☐ Specifications
☐ Mylars
☐ Slicks
☐ Photocopies
☐ Shop Drawings
☒ Original

Copies	Date	Sheet No.	Description
1	Current	SK-1, Rev. 4	Revision on mechanical and hall

Remarks

If we can be of any assistance, please call.

Copy to: John Rose
File

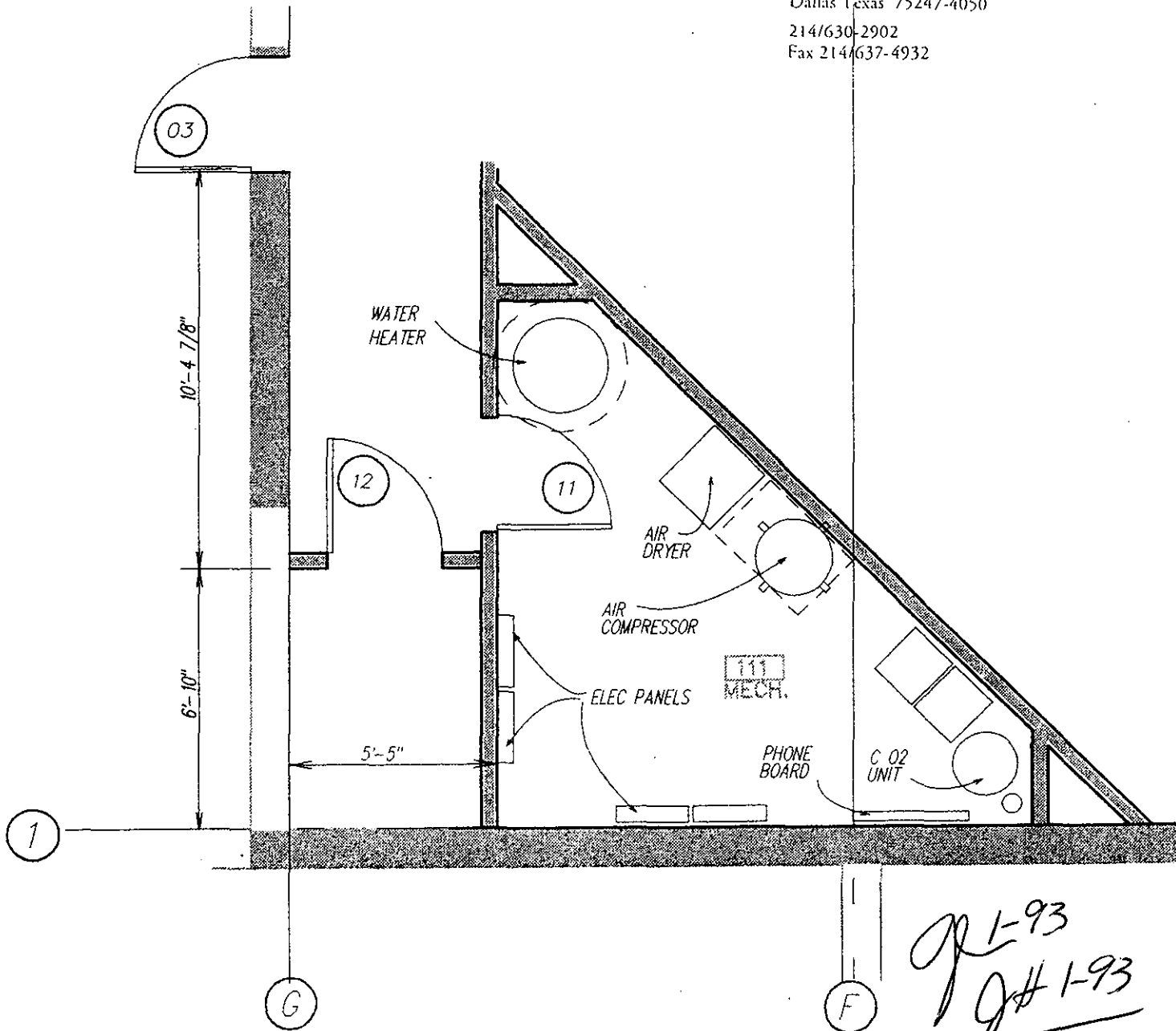
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☐ w/enclosures
☐ w/enclosures

By: Kevin Henrichson
Signed:

DAVID SCOTT WINDLE, AIA
ARCHITECT

▼
Architecture
Interiors
Facilities

1327 Empire Central
Suite 104
Dallas Texas 75247-4050
214/630-2902
Fax 214/637-4932



BRICK TOWNSHIP, NJ.

REVISION

1/4"=1'-0"

31 DEC. 1992

David Windle

DAVID SCOTT WINDLE, AIA

ARCHITECT

Architecture
Interiors
Facilities

1327 Empire Central
Suite 104
Dallas Texas 75247-4050

214/630-2902
Fax 214/637-4932

RECEIVED

SEP 25 1992

DIV. OF INSPECTION

24 September 1992

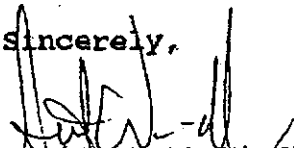
Chuck E. Cheese's Restaurant
Brick Plaza
Job. No. 92048.00

Mr. Ray Koroaowski
Township of Brick, NJ

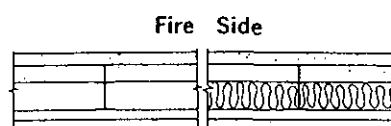
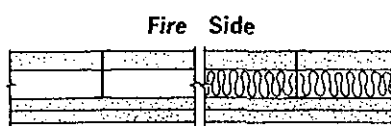
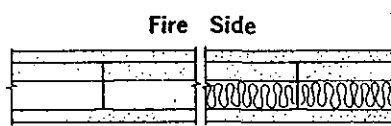
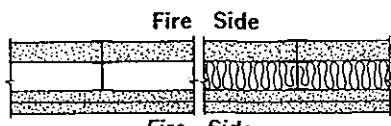
Mr. Koroaowski,

Pursuant to a conversation between yourself and Don Magliola, construction manager for ShowBiz Pizza Time, we acknowledge the requirement for a 3-hour demising wall between our proposed construction and adjacent tenants of the building. These demising walls shall conform to U.L. Design No. U904 (attached), or equivalent. Drawings shall be revised to reflect this requirement. If we can be of any further help in resolving this matter, please call me at this office.

Sincerely,


David Scott Windle, AIA

SHAFT WALLS

Fire Rating	Sound Rating STC	GA File No.	DETAILED DESCRIPTION†	SKETCH AND DESIGN DATA	
				Fire	Sound
	50 to 54	WP 7061 (p)	Construction Type: Gypsum Wallboard, Metal I Studs 1" x 24" type X proprietary gypsum panels inserted between 2½" floor and ceiling track with tab-flange section of 2½" metal I studs between proprietary gypsum panels. One layer of ⅝" type X gypsum wallboard or veneer base applied at right angles to flanges of I studs adjacent to proprietary gypsum panels with 1" type S drywall screws 12" o.c. Resilient channels spaced 24" o.c. horizontally, screw attached, top leg only, to opposite flanges of I studs with ⅝" type S screws. ⅝" type X gypsum wallboard or veneer base applied parallel to resilient furring channels with 1" type S drywall screws 12" o.c. Sound tested using 1½" glass fiber friction fit in stud space. (NLB)	 Fire Side Fire Side Thickness: 4¼" Limiting Height: refer to mfr. Approx. Weight: 9 psf Fire Test: UC ES-7407, 1-22-76 Sound Test: KAL 437363, 11-4-76	
		WP 7076 (p)	Construction Type: Gypsum Wallboard, Metal I Studs 1" x 24" type X proprietary gypsum panels inserted between 2½" floor and ceiling track with tab-flange section of 2½" metal I studs between proprietary gypsum panels. Two layers of ⅝" type X gypsum wallboard or veneer base applied to face of metal I studs. Base layer applied at right angles or parallel to studs with 1" type S drywall screws 24" o.c. and face layer applied at right angles to base layer with 1⅝" type S drywall screws 12" o.c. Sound tested using 2½" glass fiber friction fit in stud space. (NLB)	 Fire Side Fire Side Thickness: 3¾" Limiting Height: refer to mfr. Approx. Weight: 8½ psf Fire Test: UC ES-7408, 11-21-75 (Rev. 6-76) Sound Test: NGC 2507, 7-21-75	
2 HR	45 to 49	WP 7077 (p)	Construction Type: Gypsum Wallboard, Metal I Studs 1" x 24" type X proprietary gypsum panels inserted between 2½" floor and ceiling track with tab-flange section of 2½" metal I studs between proprietary gypsum panels. One layer of ⅝" type X gypsum wallboard or veneer base applied at right angles to each side of metal I studs with 1" type S drywall screws 12" o.c. Sound tested using 1½" glass fiber friction fit in stud space. (NLB) <i>REFER LETTER INSM 4</i>	 Fire Side Fire Side Thickness: 3¾" Limiting Height: refer to mfr. Approx. Weight: 8½ psf Fire Test: UC ES-7407, 1-22-76 Sound Test: NGC 2543, 5-18-76	
		WP 7078 (h,k,o,q)	Construction Type: Gypsum Wallboard, Metal I Studs 1" x 24" proprietary type X gypsum panels inserted between 2½" floor and ceiling track with tab-flange section of 2½" metal I studs between proprietary gypsum panels. Two layers of ⅝" type X gypsum wallboard or veneer base applied to face of metal I studs. Base layer applied at right angles or parallel to studs with 1" type S drywall screws 24" o.c. and face layer applied at right angles to base layer with 1⅝" type S drywall screws 12" o.c. Sound tested using 2½" glass fiber friction fit in stud space. (NLB)	 Fire Side Fire Side Thickness: 3¾" Limiting Height: refer to mfr. Approx. Weight: 8½ psf Fire Test: WHI 495-0091, 12-9-77 WHI 495-0095, 12-16-77 Sound Test: WHI F2, 3-13-78	
		WP 7086 (h)	Construction Type: Semi Solid Gypsum Board, Metal Shaft Studs Two layers ½" x 24" type X gypsum wallboard fitted to proprietary 2" metal studs retained at top by 2" J track and attached at floor to 2" angle runner with 1⅝" type S screws, 6" o.c. Two layers ⅝" type X gypsum wallboard applied parallel to studs on room side with base layer attached with 1¼" type S drywall screws 24" o.c. and face layer of gypsum wallboard or veneer base attached with 1⅝" type S drywall screws, 12" o.c. Stagger joints 24" o.c. each layer. (NLB)	 Fire Side Fire Side Thickness: 3¼" Limiting Height: 15' 8" Approx. Weight: 8½ psf Fire Test: OSU 5938, 3-12-76	

†Where vertical metal sections are field installed, their center to center spacing shall not exceed panel dimensions described above, which are nominal.

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



Stevan J. Zboyan, Mayor

Township Council:

Albert Chrobocinski, President
Victor Cantillo
Helen Fayad November 9, 1992
Lee Hartman
Thomas G. Maiorine
Mary Lou Powner
Warren H. Wolf

Department of Administration & Finance

Division of Inspections
A.J. Cierzo
Construction Official
(908) 477-3000, Ext. 260
Fax: (908) 920-4850

David Scott Windle, AIA
1327 Empire Central
Suite 104
Dallas, Texas 75247-4050

Re: Chuck E Cheese
Brick Plaza
Job No. 92048.00

Dear Mr. Windle:

As per your letter dated November 6, 1992, in order to consider your concerns, a complete plot must be submitted to determine the footprint as my concern is in the size of a 5B construction.

The building precedes code and you are requesting a more restrictive occupancy. The building according to Area modifications may not meet necessary criteria as per BOCA 502.2.

Also note, 504.1 excludes 5B when, in fact, the building appears to be 5B. In order to reduce fire walls, the following information will have to be submitted:

Fire Separation Distance per 905.2, 0 to 5 feet
M Use is 3 hours, A use is 2 hours

Therefore, the most restrictive applies. (refer to your letter dated September 24, 1992)

Be advised all prior correspondence to this office and all BOCA codes referred to are attached for your convenience.

If I may be of further assistance, please do not hesitate to contact me.

Very truly yours,

Ray Korkowski
RAY KORKOWSKI
Building SubCode Official

RK/dmc

cc: Arthur J. Cierzo, Construction Code Official
Chuck E. Cheese file

***** -JOURNAL- ***** DATE NOV-12-1992 ***** TIME 13:10 *****

DATE/TIME = NOV-12 13:00

JOURNAL NO. = 14

COMM.RESULT = OK

PAGES = 17

DURATION = 00:10'22

MODE = XMT

STATION NAME =

TELEPHONE NO. = T 16095308858

RECEIVED ID = 609 530 6368

RESOLUTION = STANDARD

VOICE CONTACT REQUESTED.

***** -

- *****

Rey
Hoe/Kow
5X1



**NEW JERSEY
UNIFORM CONSTRUCTION
CODE**

TOWNSHIP OF BRICK

INSPECTOR:

DATE	TIME	PERMIT NO.	BLOCK	LOT	OWNER/AGENT	CONSTRUCTION LOCATION	INSPECTION RESULTS			COMMENTS
							Passed	Failed	Not Done	
12/1	OK		210.34	14	45 Pacific Power Co (California) fireplace					
12/1	7:00	EN1124	123.4	1-6	450 N. Main St. (California) fireplace					
12/1	4:16		90	2	950 S. Main St. (California) fireplace					
12/1	4:16		142.07	17	750 S. Main St. (California) fireplace					
12/1	4:16		101.01	19	107 S. Main St. (California) fireplace					
12/1	4:16		206.34	16	45 S. Main St. (California) fireplace					
12/1	4:16		508	33.33	931 S. Main St. (California) fireplace					
12/1	4:16		1372	11	1499 S. Main St. (California) fireplace					
12/1	4:16		210.09	3	55 S. Main St. (California) fireplace					
12/1	4:16		323.33	16	228 S. Main St. (California) fireplace					
12/1	4:16		142.07	19	450 S. Main St. (California) fireplace					
12/1	4:16		90	2	950 S. Main St. (California) fireplace					
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12/1	4:16		206.34	16	45 S. Main St. (California) fireplace					

TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY

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

OFFICE OF:



(908) 477-3000

FACISIMILE CORRESPONDENCE

(908) 920-4850

DATE 11/12/92 TO FAX NO. 1-609-530-8858 PAGES TO FOLLOW 18

TO D.C.A

ATTN AHMAD

FROM A.J. CIERZO & RAY KORCOWSKI,

MESSAGE

TELECOPY TRANSMITTAL SHEET
DEVELOPMENT DEPARTMENT

RECEIVED

SEP 23 1992

DIV. OF INSPECTION

RECEIVED

SEP 23 1992

DIV. OF INSPECTION

DATE: 9.21.92

TIME: _____

TO: RAY KORKOWSKI
BRICK TOWNSHIPTELECOPY NO.: 908-930-4850FROM: K. MICHAEL BOEHKTELECOPY NO.: (301) 961-9328

COMMENTS: Ray. I am sending this to you
per the direction of Scott Windle. It
shows the proposed location of Chuck E Cheese
at Brick Plaza. Please call me
(301.961.9325) if there is anything else
I can help you with. Thank you.
K. Michael Boehk

TOTAL NUMBER OF PAGES INCLUDING THIS SHEET: 2

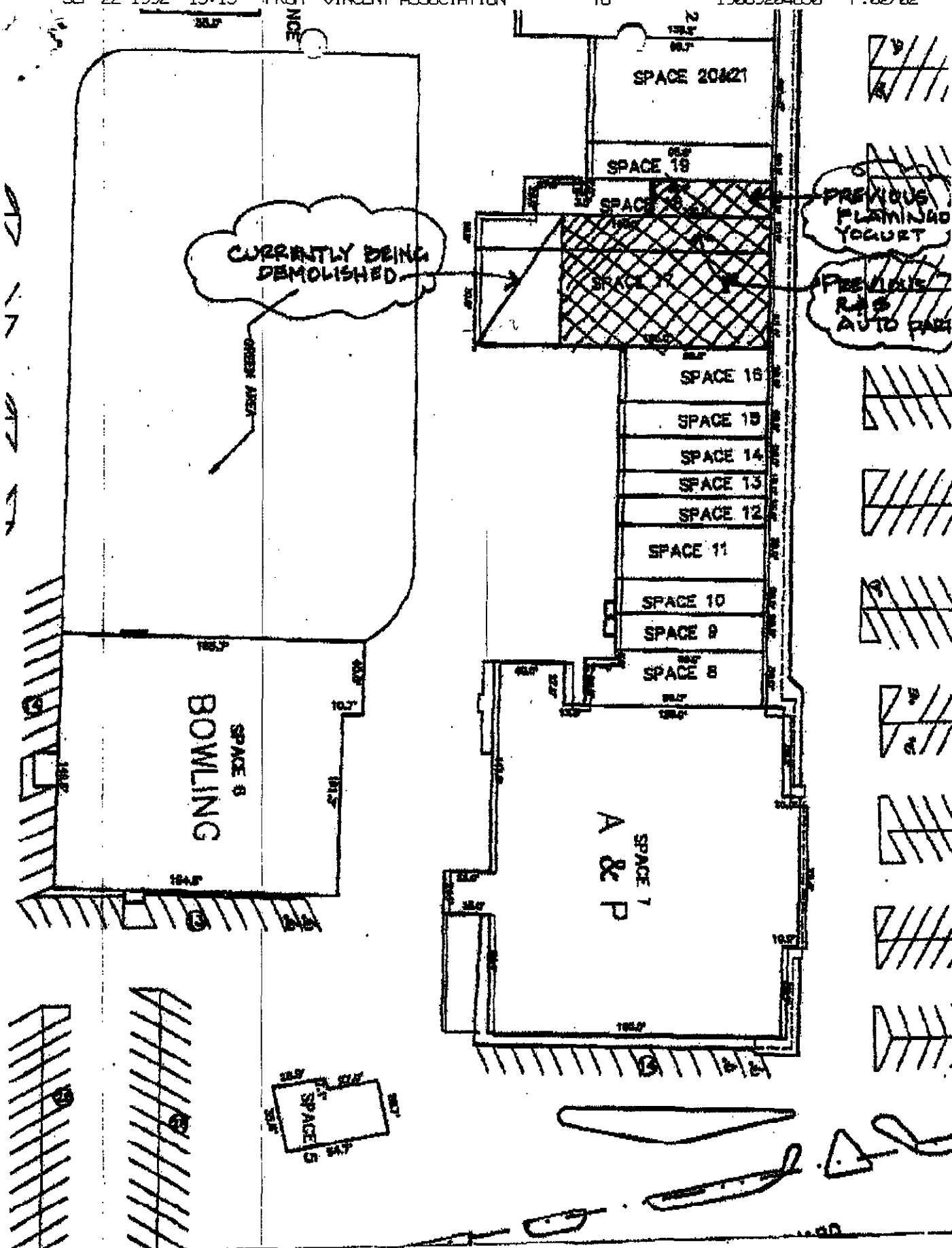
IF THERE ARE ANY PROBLEMS WITH THIS TRANSMISSION, PLEASE NOTIFY:

☒

STEPHANIE AT (301) 961-9248

☐

KAREN AT (301) 961-9223



TELECOPY TRANSMITTAL SHEET
DEVELOPMENT DEPARTMENTRECEIVED
SEP 23 1992
DIV. OF INSPECTIONDATE: 9.21.92

TIME: _____

TO: RAY KORKOWSKI
BRICK TOWNSHIPTELECOPY NO.: 908.920.4850FROM: K. MICHAEL BOEHKTELECOPY NO.: (301) 961-9328

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K. Michael BoehkTOTAL NUMBER OF PAGES INCLUDING THIS SHEET: 2

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STEPHANIE AT (301) 961-9248

KAREN AT (301) 961-9223