

BLOCK RECEIVED LOT 4, 5, 8, 23, 25 ADDRESS (SITE) 2770 Hooper Ave PERMIT NO. 2025-96

III 30 1996



CONSTRUCTION PERMIT APPLICATION

DIV. OF INSPECTION

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

I. IDENTIFICATION

1. Proposed Work-site at: 2770 Hooper Ave. Brick, NJ 08723
2. Name of Owner in Fee: Outback Steakhouse, Inc. Tel. (813) 282-1225
Address 550 N Reo St, Ste 200 Tampa FL 33609
street municipality zip code
3. Ownership in Fee: Public ☒ Private ☐
4. Principal Contractor: Wm. L. Griffith & Co. OFW, Inc. Tel. (703) 573-5900
Address 2721-D Merrilee Dr. Fairfax, VA. 22031
License No. OR, if new home, Builder Reg. No. 2701 038005A Exp. Date 12/96
Federal Emp. No. 52-1696560 Social Security No. _____
5. Architect or Engineer Jon V. Sammer, Architect Tel. (703) 591-0747
Address 3921 Old Lee Hwy, Ste 72-B Fairfax, VA. 22030
6. Responsible Person in Charge of Work _____ Tel. (____) _____

V. FEE SUMMARY (for office use only)

		Update	Update
1. Building	\$ 3359		
2. Electrical			
3. Plumbing	1,030		
4. Fire Protection	736		
5. Elevator Devices			
6. Subtotal	\$ 5125		
7. Less 20% for State Plan Review			
8. Subtotal	\$		
9. DCA Training Fee	215		
10. Subtotal	\$ 513		
11. Cert. of Occupancy	\$30		
12. Other ZPA+PP			
13. TOTAL	\$ 5883		

VI. BUILDING/SITE CHARACTERISTICS

		(office use only)
1. Number of Stories	1	
2. Height of Structure	20 ft.	
3. Area—Largest Floor	6,717 sq. ft.	
4. New Building Area	6,717 sq. ft.	
5. Volume of New Structure	134,340 cu. ft.	
6. Construction Classification	5B	
7. Total Land Area Disturbed	58,567 sq. ft.	
8. Flood Hazard Zone		
9. Base Flood Elevation		
10. Wetlands	yes _____ no _____	
11. Max. Live Load		
12. Max. Occupancy Load		

II. PROPOSED WORK

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

Est. Cost

166,306

OPTIONAL (for office use only)

Plans Rec'd By	Date Rec'd	Rejection Date	Approval Date	Re-viewer	Resubmission Dates Approval	Rejection	Re-viewer
AP	7/29/96		8/7/96	RA			
			8/7/96				
			8-7-96				
EWG	8/5/96		8/5/96				

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

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

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

VII. DESCRIPTION OF BUILDING USE

A. RESIDENTIAL

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

No of dwelling units:
Before Construction _____
After Construction _____
Net gain or loss _____

B. NON-RESIDENTIAL

1. State Specific Use:
Restaurant
2. Use Group:
A3
3. Change in Use Group, Indicate Former:

ABST PRELIMINARY APPROVAL

ABST FINAL APPROVAL

2025-96

LDS BR 10404811

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.

(X) Check if contractor.

Agent Name Wm. L. Griffith + Co. of Va., Inc.

Address 2721-D Merrilee Dr.
Fairfax, Va. 22031

Telephone (703) 573-5900

Signature [Signature] Date _____

OFFICE DATE RECEIVED: _____

VIII. PRIOR APPROVALS CHECKLIST (office use only)	LOCAL APPROVAL		COUNTY APPROVAL		REGIONAL APPROVAL		STATE APPROVAL		COMMENTS
	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	
☒ Zoning Officer	COMPLD	7-31-96							
☐ Planning Board									
☐ Zoning Board									
☒ Sewer Authority	COMPLD	11-1-96							
☒ Water Authority	COMPLD	11-1-96							
☐ Fire Department									
☐ Police Department									
☒ Health Department									
☒ Soil Conservation	Tco	11-10-96							
☐ N.J. Dept. of Community Affairs									
☐ N.J. Department of Transportation									
☐ N.J. Dept. of Environmental Protection									
☐ Utility Dig No.									
☒ Affordable Housing									
☒ ENGINEERING	Tco	11-8-96							

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 ISSUED	DATE EXPIRED	DATE REISSUED	DATE EXPIRED
☒ Temporary Certificate of Occupancy	No. 2025	11-1-96		
☐ Temporary Certificate of Compliance	No. _____			
☐ Continued Certificate of Occupancy	No. _____			
☐ Certificate of Compliance	No. 2025	1-17-97		
☒ Certificate of Occupancy	No. _____			
☐ Certificate of Approval	No. _____			



CERTIFICATE

Date Issued 11/1/96
Control #
Permit # 2025-96

IDENTIFICATION

Block 670 Lot 4
Work Site Location 2770 Hooper Ave
Brick, N.J.
Owner In Fee Outback Steakhouse Inc
550 N Reo St, S6200
Address Tampa FL 33609
Tele. () Wm L. Girtriff Co. Of Va Inc
Contractor 2721 D Merrilee DR
Address Fairfax, Va 22031
Tele. ()
Lic. No. or Bldg. Reg. No.
Federal Emp. No.
or Social Security No.

Home Warranty No. N/A
Use Group A-3 2 hour
Maximum Live Load
Description of Work/Use: Restaurant/New Building

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

Plumbing - 11/14/96 OK 11/12/96 **CERTIFICATE OF OCCUPANCY/APPROVAL**

Fire - 11/6/96 OK ☐ CERTIFICATE OF OCCUPANCY ☐ CERTIFICATE OF APPROVAL

Engineering - 11/8/96 OK 1-17-97 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.

O.C. Sqft - 11/10/96 Seie ☐ CERTIFICATE OF CONTINUED OCCUPANCY

Building - 11/6/96 OK 11/6/96 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.

Electric - 11/20/96 11/8/96 ☒ TEMPORARY CERTIFICATE OF OCCUPANCY

Affordable Housing 11/8/96 OK 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: (SEE ATTACHED)

CONSTRUCTION OFFICIAL

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



CERTIFICATE

Date Issued 1-17-97
Control #
Permit # 2025-96

IDENTIFICATION

Block 670 Lot 4
Work Site Location 2770 Hooper Avenue
Owner In Fee Outback Steakhouse Inc.
Address 550 N. Reo Street, S6200
Tampa, Florida 33609
Tele. ()
Contractor William L. Griffith Co. of Va., Inc.
Address 2721 D Merrill Dr.
Fairfax, Va. 22031
Tele. ()
Lic. No. or Bldg. 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:

Restaurant "OUTBACK STEAKHOUSE"

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

CERTIFICATE OF OCCUPANCY/APPROVAL

~~XXXX~~ 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 APPROVAL

☐ CERTIFICATE OF CONTINUED OCCUPANCY

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

☐ TEMPORARY CERTIFICATE OF OCCUPANCY

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

CONSTRUCTION OFFICIAL

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



CONSTRUCTION PERMIT

Date Issued

Control #

Permit #

8-8-96

2025-96

IDENTIFICATION Block 670 Lot 4

Work Site Location 2970 Haver Ave

Contractor

Address

Owner in Fee Out Back Steakhouse Inc.

Address 550 N. W. ST

Tele. ()

Lic. No. or Bldrs. Reg. No.

Exp. Date

Tele. (813) 252-1225

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:

Now Resturant
(Out Back)

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 \$ 666,306

PAYMENTS (Office Use Only)

Building 2254 -

Plumbing 1670 -

Electrical 736 -

☒ Fire Protection

Other

Other

DCA Training Fee 215 -

Cert. of Occ. 513 -

Other 2150 15 + 15

Total 5583 -

Check No. 3864

Cash

Collected By: N. J. 116



PERMIT UPDATE

Date Update Issued
Control #
Permit #
Date Permit Issued

2025-96
8/23/96

IDENTIFICATION Block 670 Lot 4
Work Site Location 2000 HOOPER AVE
BRICK
Owner In Fee OUTBACK STEAKHOUSE INC
Address 550 NORTH 1900 ST.
TEMPE FLAZONA.
Tele. (813) 282-1125

Contractor TIGER ASSOCIATES INC.
Address D.D. BOY 141
LAKELAND, FLA 33903
Tele. (813) 262-1886
Lic. No. or Bldrs. Reg. No. _____
Federal Emp. No. 22-214218
or Social Security No. _____

Is hereby granted permission to perform the following work:

☐ BUILDING ☐ PLUMBING ☐ Other _____
☐ ELECTRICAL ☒ FIRE PROTECTION

DESCRIPTION OF WORK:

Error in Calculation Fire

Estimated Cost of Work \$ 0

CONSTRUCTION OFFICIAL

PAYMENTS (Office Use Only)

Building _____
Plumbing _____
Electrical _____
Fire Protection 4 _____
Other _____
Other _____
DCA Training Fee _____
Cert. of Occ. _____
Other _____
Total 4 _____
Check No. _____
Cash _____
Collected By: #

8/8/96 2005-96

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

Block 670 Lot 4, 5, 6, 23 & 25
Work Site Location 2770 Hooper Ave
Brick, NJ 08723
Owner in Fee Outback Steakhouse, Inc.
Address 550 North Red St., Ste 200
Tampa, FL 33609
Tele. (813) 282-1725
Contractor Wm. L. Griffith + Co. of Va., Inc.
Address 2721-D Merrilee Dr.
Fairfax, VA. 22031
Tele. (703) 573-5900 920-1222
Lic. No. or Bids. Reg. No. 2701 038005A
Federal Emp. No. 52-1696560 or Social Security No. _____

C. CERTIFICATION IN LIEU OF OATH

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

Signature

D. TECHNICAL SITE DATA
DESCRIPTION OF WORK

JOB SUMMARY (Office Use Only)

PLAN REVIEW	Date	Initial	INSPECTIONS	Failure	Dates (Month/Day)	Initial
☒ No Plans Req.			Type: <u>Footing</u>		<u>8/9/96</u>	<u>(over)</u>
☒ All			<u>Foundation</u>		<u>8/13/96</u>	<u>(over)</u>
☐ Footing			<u>Slab</u>		<u>9/5/96</u>	<u>(over)</u>
☐ Foundation			<u>Frame</u>		<u>9-14-96</u>	<u>(over)</u>
☐ Frame			<u>Insulation</u>		<u>9/29/96</u>	<u>(over)</u>
☐ Other			Finishes:			
Joint Plan Review Required:			Energy			
☐ Elec. ☐ Plumb. ☐ Fire			Mechanical			
SUBCODE APPROVAL			TCO <u>11-1-96</u>			
☐ CO ☐ CCO ☐ CA			Other			
Date:			Final			
Approved By:						

B. BUILDING CHARACTERISTICS

Use Group Present Proposed A3
Constr. Class Present Proposed 5B
No. of Stories 1
Height of Structure 20 Ft.
Area—Largest Floor 6717 Sq. Ft.
New Bldg. Area/All Floors 6717 Sq. Ft.
Volume of New Structure 58,567 Cu. Ft.
Total Land Area Disturbed 58,567 Sq. Ft.

TYPE OF WORK:

☒ New Building	
☐ Addition	
☐ Alteration	
☐ Roofing	
☐ Siding	
☐ Fence	
☐ Sign	
☐ Pool	
☐ Asbestos Abatement	
☐ Other	
☐ Other	
☐ Demolition	

(Office Use Only)
FEE

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

- 8/9/96 - Footings OK - Change in rear wall
Due to soil conditions - Arch to provide
as built for rear wall J
- 8/21/96 - Consulting Engineer report on soil condition
& construction alternatives received (IN File)
Arch. to provide as built plan as
per said report. J
- 8/22/96 - Foundation OK as per as built (for section
of poured wall) J
- 9-6- As built received (placed in file) J
- 9-13-96 - ~~Frame~~ for perimeter walls only J
- 9-16-96 - ~~Frame~~ for interior walls OK J
- 10/29/96 - Holes in wall between kitchen & Men's room
Electrical work not completed in ceilings
of men's & ladies rooms.
Firestopping not completed foyer area roof -
No firestopping in Mansard Roofs
Outside grade within 8" of untreated
wood -
- 11/1/96 - Holes in kitchen wall - OK / Elect work complete
Foyer area f/stopping OK - outside grade
OK -
MANSARD IN FRONT NOT F/stopped every 20'
T.C.O. until completed on 11/6

SR 151827-

Chief of
Contractor



10/23
ELECTRICAL
SUBCODE
TECHNICAL SECTION
Date Received
Date Issued
Control #
Permit #
960812.007251

Back

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

Block 676 Lot 4
Work Site Location REX RD. 09723
Owner in Fee OUTBACK STEAKHOUSE INC.
Address 350 WORTH RD. ST. LOUIS MO
TAMPA FL 33609
Tel. (813) 882-1223
Contractor MARKESS
Address 119 PACE AVE.
TAMPA FL 33609
Tel. () 929-5043
Lic. No. 6635
Federal Emp. No. _____ or Social Security No. _____

B. ELECTRICAL CHARACTERISTICS

Use Group Present _____ Proposed _____
[] Pole/Pad # _____ [] Temporary [] Other _____
Building Occupied as _____ Utility Co. _____
Est. Cost of Elec. Work \$ 40,000.00

JOB SUMMARY (Office Use Only)

PLAN REVIEW:	INSPECTIONS	Dates (Month/Day)
[] No Plans Required	Type:	Failure Failure Approval Initial
Joint Plan Review Required:	Rough	16/23/96 5/23/96 9/24/96 8/19/96
[] Bldg. [] Plumb.	Temporary	10/23/96 5/23/96
[] Fire [] Elevator	Constr. Serv.	
[] Elec. Plans Approved	TCO	
Date: _____	Other	
Approved by: _____	Service	
	Final	
SUBCODE APPROVAL	Temp. Cut-In-Card Date Issued	1/20/90 4/10/90
[] CO [] CO2 [] CA	Final Cut-In-Card Date Issued	10/23/96 5/23/96
Date: <u>11-20-96</u>		
Approved By: <u>[Signature]</u>		

C. CERTIFICATION IN LIEU OF OATH

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

[Signature] Frank Malabar
Signature—Contractor Seal
[] Licensed Electrical Contractor [] Exempt Applicant

D. TECHNICAL SITE DATA

NO.	SIZE	ITEM
293		Fixtures (1)
101		Receptacles (2)
25		Switches (3)
409		Total 1 + 2 + 3
		Kw Range
		Kw Oven(s)
		Kw Surface Unit
1	17Kw	hp Dishwasher
		hp Garbage Disposal
		Kw Dryer
5	14	Kw A/C Unit
		Burglar Alarms
		Intercoms Panels
		Smoke Detectors
		hp Whirlpool/spa
		Pool Bonding
		hp Pool Filter Motor
		Pool Lights
1	5	Kw Water Heater(s)
		Kw Central heat:
		oil, gas or elec.
3	3	Kw Baseboard Heat Units WALL
		Thermostats
		hp Heat Pump
		hp Pump(s)
5	4-200 1/00 1-30	200amp Motor Control Center (Sub Panels)
4		Signs
8		Light Standards
		hp Motors—Fractional H.P.
3		hp Motors—All Others
		Kw Transformers
		Kw Generators
1	800amp	Service Entrance
		Other

FEE (Office Use Only)

Paid [] Check # <u>39635</u>	Administrative Surcharge	\$
	Minimum Fee	\$
	DCA Training Fee	\$
Collected by: <u>RP</u>	TOTAL FEE	\$ <u>732.00</u>

U.C.C. Form F-120B RP
1 White = Inspector Copy
3 Pink = Office Copy
2 Canary = Office Copy
4 Gold = Applicant Copy



**FIRE PROTECTION
SUBCODE
TECHNICAL SECTION**



Date Received
Date Issued
Control #
Permit #

8/8/96
2005-96

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

Block 2770 Lot 4
Work Site Location BEIER, N. 3 08723
Owner in Fee CUTBACK STEAKHOUSE, INC.
Address 550 NORTH 1500 ST. ST 200
Tele. (813) 282-1225
Contractor TAER ASSOCIATES, INC.
Address P.O. BOX 149
LAKE MAGNOLIA, MS 3907034
Tele. (201) 263-1886
Lic. No. 22-2214278 or Social Security No. _____
Federal Emp. No. _____

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present Proposed _____
Const. Class. Present Proposed _____
Heating Systems Present Existing _____
Type: Gas Oil Electrical Solar
Other _____
Location: Indoor Outdoor
Total Est. Cost of Fire Prot. Work \$ 8,400.00 | Other _____

JOB SUMMARY (Office Use Only)

PLAN REVIEW: INSPECTIONS: Dates (Month/Day)
Joint Plan Review Required: Type: Suppression Test Failure _____ Approval _____ Initial _____
Fire Alarm Test Smoke Test Mechanical TCO Other _____
Date: 8/7/96
Approved by: _____
SUBCODE APPROVAL: _____
Date: 8/7/96
Approved by: _____

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.

SPENCER LIGER
SIGNATURE

D. TECHNICAL SITE DATA

Description of Work Public
Water Supply Source LAKE
Method of Valve Supervision YES
Local Alarm Supervision YES
Central Supervision YES
Proprietary Supervision YES

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 _____
and Smoke Detector _____ Capacity _____

Wet Sprinkler Heads 60 Number 60
Dry Sprinkler Heads 60 Number 60
TOTAL 60
Smoke Detectors 35 Duct Type S.D.
Heat Detectors _____

TOTAL 66
Stand Pipes 2
Kitchen Hood Exhaust Systems 2

Pre-Engineered Systems _____
CO₂ Suppression _____
Halon Suppression _____
Foam Suppression _____
Dry Chemical 2
Wet Chemical 12

Gas or Oil Fired Appliance 12
OTHER 5
TOTAL 42.0

Paid 1 Check # _____ Administrative Surcharge \$ 736
DCA Training Fee \$ _____
Collected by: _____ TOTAL FEE \$ 736

FEE (Office Use Only)

85
35

11/13/96
11/14/96
11/15/96

10/30/96. Sprinkler Test only. 2 hrs. 2006/95/1 OK
No Leaks. Test OK only. Bell not working
11/1/96 T.C.O. OK for another till Nov 1996

6 Days. till Temp Switches are installed & hooked up
& Machine with Panel Box is repaired on Panel Box T.C.O.
good till NOV. 6th only will make Sprinkler
Test Day. Sprinklers on & working. Suppression
Test & Hood Working & Alarms working OK. FE
Supt & Hood will give till Nov

11/6/96 when to dry above T.C.O. will give full funds
13th 1996 Work Being done Cover is there full funds
up work OK to extend T.C.O. till Nov 13, 1996 FE

11/14/96 Abated of Virotolet OK
C.O. FE

RECEIVED
JUL 29 1996



PLUMBING
SUBCODE
TECHNICAL SECTION



Date Received
Date Issued
Control #
Permit #

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

CONTRACTOR'S NOTICE: THIS OFFICE. CALL UTILITY DIG NO. 1-800-272-1000.

Block 690 Lot 4

Work Site Location 2770 HOOPER AVE

Owner in Fee OUTBACK STOCKHOLDING, INC.

Address 6550 North Red St, Ste 200

Address Tampa, FL 33609

Tele. (813) 282-1225

Contractor KIRK GRATER PLUG. & HTG. INC.

Address 1155 MTH RD, PA 19473

Tele. (610) 257-5767

Lic. No. B10-6584

Federal Emp. No. 232445684

or Social Security No. 232445684

B. PLUMBING CHARACTERISTICS

Use Group Present 4 Proposed 1

Building Sewer Size 4 Public Sewer X

Water Service Size 2 Private Septic 1

Estimated Cost of Plumbing Work \$ 36,000

JOB SUMMARY (Office Use Only)

PLAN REVIEW: ☐ No Plans Required

Joint Plan Review Required: ☐ Bldg. ☐ Elec.

☐ Fire ☐ Elevator

☐ Plumb. Plans Approved

Date: 8-7-96

Approved by: DN

SUBCODE APPROVAL: ☐ CO ☐ CCO ☐ CA

Approved By: TCO

Date: 11-1-96

Solar DN

Gas Equipment DN

Gas Piping DN

Fixtures DN

Sewer DN

Water DN

Rough DN

Slab DN

Failure DN

Approval DN

Initial DN

Signature Contractor Seal

D. TECHNICAL SITE DATA (List all fixtures.)

NO. 9

Water Closet 9

Unif/Bidet 2

Bath Tub 2

Lavatory 2

Shower 2

Floor Drain 2

Sink 11

Dishwasher 11

Drinking Fountain 11

Washing Machine 11

Hose Bibb 11

Water Heater 11

Fuel Oil Piping 11

Gas Piping 11

Steam Boiler 11

Hot Water Boiler 11

Sewer Pump 11

Interceptor/Separator 11

Backflow Preventer 11

Greasetrap 11

Water Cooled A/C 11

or Refrigeration Unit 11

Sewer Connection 11

Water Service Connection 11

Active Solar System 11

Other 11

Administrative Surcharge \$ 1,030

Paid ☐ Check # 1,030

Minimum Fee \$ 1,030

DCA Training Fee \$ 1,030

Collected by: 1,030

TOTAL \$ 1,030

U.C.C. Form F-1308

1 White = Inspector Copy

2 Canary = Office Copy

3 Pink = Office Copy

4 Gold = Applicant Copy

TOWNSHIP OF BRICK
ZONING PERMIT

Date of Issue: July 31, 1996 1996 - 1152
Block 670 Lot 4 Zone B-3, H.D.

Property Address: 2770 Hooper Ave.

Owner: Kennedy Mall Associates (Phone): 201-966-2800

Applicant: Outback Steakhouse of Florida, Inc. (Phone): 813-282-1225

Use: Kennedy Mall Vacant Area

Proposed Construction (if any): One-story restaurant building, 20' high; 6,115 square feet.

Conditions: Site plan approved by Planning Board.

Case No. 2188-APFSP-V-2/96.

Resolution No. R-32-96 approved 5-8-96.

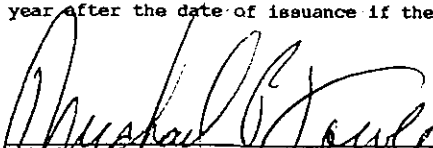
Resolution No. R-43-96 approved 7-11-96.

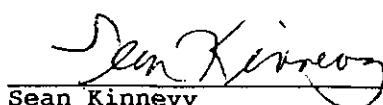
Map signed 7-31-96.

Vacant Alan's Florist building must be demolished.

Please note that a Construction Permit, as well as a Zoning Permit, must be obtained prior to any construction. You will be notified by the Division of Inspections to pick up and pay for your entire Construction Permit.

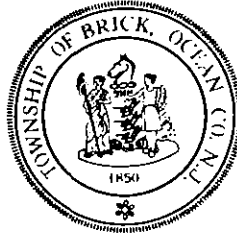
This permit shall be null, void and of no effect if any of the facts contained in the application upon the basis of which this permit was granted are false or untrue in any material respect. This permit shall expire one (1) year after the date of issuance if the use or substantial construction has not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


Michael P. Fowler, AICP/PP
Administrative Officer


Sean Kinnevy
Zoning Officer

TOWNSHIP OF BRICK

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



Joseph C. Scarpelli, Mayor

Township Council:

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

Department of Administration & Finance

Division of Inspections

FACSIMILE CORRESPONDENCE

(908) 262-8954

Date 6/4/97 To Fax No. (703) 573-5983 Pages 1

To _____

Attn: David Peacock

From: Brick Bd. of Ed. Dept.

Message c/o "Outback"

ALPHA
CONSULTING ENGINEERS, INC.
PLANNING ♦ ENGINEERING ♦ SURVEYING

RECEIVED
OCT 29 1996
DIV. OF INSPECTION

October 28, 1996

Mr. Daniel Newman
Plumbing Inspector
Township of Brick
401 Chambers Bridge Road
Brick, NJ 08723

RE: Outback Steakhouse of Florida, Inc.
Kennedy Mall
2770 Hooper Avenue
Brick, New Jersey

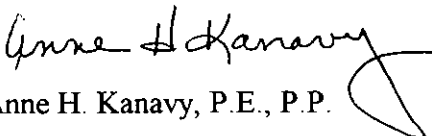
Dear Mr. Newman:

We understand that the service valves for the water service and fire service are located in a parking stall at the Outback Steakhouse of Florida, Inc. located in the Kennedy Mall at 2770 Hooper Avenue in Brick Township, New Jersey. We have directed Charlie Rutter, the project foreman representing the site contractor (Griffith), to install a valve box which is designed to withstand traffic loading. This is designated as a "C-4" Box on the approved plans. The installation of the roadway "C-4" valve box and proper backfilling of the water lines and valves as specified on the plans, are designed to protect the valve and valve stem from any damage from cars entering and exiting the parking stall.

We anticipate that this letter addresses your concerns about the location of the valves and the installation of the appropriate valve boxes.

Please contact me at (717) 770-0515 if you have any questions or concerns.

Sincerely,


Anne H. Kanavy, P.E., P.P.

cc: Mark Aaron
Dave Chriss
Totan Roy
Charlie Rutter

outbck/brck/newmn

TIGER ASSOCIATES, INC.

CONTRACTOR'S MATERIAL & TEST CERTIFICATE

PART "A" GENERAL

PROCEDURE

UPON COMPLETION OF WORK, INSPECTION AND TESTS SHALL BE MADE BY THE CONTRACTOR'S REPRESENTATIVE AND WITNESSED BY AN OWNER'S REPRESENTATIVE. ALL DEFECTS SHALL BE CORRECTED AND SYSTEM LEFT IN SERVICE BEFORE CONTRACTOR'S MEN FINALLY LEAVE THE JOB.

A CERTIFICATE SHALL BE FILLED OUT AND SIGNED BY BOTH REPRESENTATIVES. COPIES SHALL BE PREPARED FOR APPROVING AUTHORITIES, OWNERS AND CONTRACTOR. IT IS UNDERSTOOD THE OWNER'S REPRESENTATIVE'S SIGNATURE IN NO WAY PREJUDICES ANY CLAIM AGAINST CONTRACTOR FOR FAULTY MATERIAL, POOR WORKMANSHIP, OR FAILURE TO COMPLY WITH APPROVING AUTHORITY'S REQUIREMENTS OR LOCAL ORDINANCES.

PROPERTY NAME	DATE
OUTBACK STEAKHOUSE	10-30-96
PROPERTY ADDRESS	
2770 HOOPER AVENUE, BRICK, NEW JERSEY	
PLANS	ACCEPTED BY APPROVING AUTHORITY(S) NAMES
	LOCAL AUTHORITIES
	ADDRESS
	BRICK, NEW JERSEY
INSTRUCTIONS	INSTALLATION CONFORMS TO ACCEPTED PLANS:
	YES ☒ NO ☐
	EQUIPMENT USED IS APPROVED
	YES ☒ NO ☐
TEST DESCRIPTION	HAS PERSON IN CHARGE OF FIRE EQUIPMENT BEEN INSTRUCTED AS TO LOCATION OF CONTROL VALVES AND CARE OF THIS NEW EQUIPMENT? IF NO, EXPLAIN
	YES ☒ NO ☐
	HAS A COPY OF INSTRUCTION AND MAINTENANCE CHART BEEN LEFT AT PLANT? IF NO, EXPLAIN
	YES ☒ NO ☐
FLUSHING: Flow the required rate until water is clear as indicated by no collection of foreign material in burlap bags at outlets such as hydrants and blow-offs. Flush at flows not less than 750 GPM for 6-inch pipe and smaller, 1000 GPM for 8-inch pipe, 1500 GPM for 10-inch pipe, and 2000 GPM for 12-inch pipe. When supply cannot produce stipulated flow rates, obtain maximum available. HYDROSTATIC: Hydrostatic tests shall be made at not less than 200 PSI for two hours or 50 PSI above static pressure in excess of 150 PSI. Differential dry-pipe valve clappers shall be left open during test to prevent damage. All aboveground piping leakage shall be stopped. LEAKAGE: New pipe laid with rubber gasketed joints shall, if the workmanship is satisfactory, have little or no leakage at the joints. The amount of leakage at the joints shall not exceed 3 quarts per hour per 100 joints irrespectively of pipe diameter. The leakage shall be distributed over all joints. If such leakage occurs at a few joints the installation shall be considered unsatisfactory and necessary repairs made. New pipe laid with caulked lead or lead-substitute joints shall, if the workmanship is satisfactory, have little or no leakage at the joints. Any joint having leakage or more than a "slight drip" or "weeping" shall be repaired. Leakage shall not exceed 1 oz. (liquid measure) per hour per inch of pipe diameter per joint. The leakage shall be distributed over all joints. If such leakage occurs almost entirely at a few joints, the installation shall be considered unsatisfactory and necessary repairs made. PNEUMATIC: Establish 40 PSI air pressure and measure drop which shall not exceed 1 1/4 PSI in 24 hours. Test pressure tanks at normal water level and air pressure and measure air pressure drop which shall not exceed 1 1/4 PSI in 24 hours.	

PART "B" — UNDERGROUND PIPING

LOCATION	FEEDS BLDGS.		
	BY OTHERS		
UNDERGROUND PIPES AND JOINTS	PIPE TYPES AND CLASS	TYPE JOINT	
	CONFORMS TO _____ STANDARD	YES ☐ NO ☐	
	IF NO, EXPLAIN _____		
	JOINTS NEEDING ANCHORAGE CLAMPED, STRAPPED, OR BACKED IN ACCORDANCE WITH _____ STANDARD	YES ☐ NO ☐	
IF NO, EXPLAIN _____			
TESTS REQUIRED	FLUSHING	HYDROSTATIC	LEAKAGE
FLUSHING TESTS	NEW UNDERGROUND PIPING FLUSHED ACCORDING TO _____ STANDARD		YES ☐
	BY (COMPANY) _____		
	HOW FLUSHING FLOW WAS OBTAINED:		
	PUBLIC WATER ☐	TANK OR RESERVOIR ☐	FIRE PUMP ☐
	THROUGH WHAT TYPE OPENING:		
	HYD. ☐ BUTT. ☐	OPEN PIPE ☐	
LEAD-INS FLUSHED ACCORDING TO _____ STANDARD	YES ☐		
BY (COMPANY) _____			
TESTS	HOW FLUSHING FLOW WAS OBTAINED:		
	PUBLIC WATER ☐	TANK OR RESERVOIR ☐	FIRE PUMP ☐
	THROUGH WHAT TYPE OPENING:		
	Y CONN. TO FLANGE & SPICOT ☐	OPEN PIPE ☐	

HYDROSTATIC TEST	ALL NEW UNDERGROUND PIPING HYDROSTATICALLY TESTED AT _____ PSI FOR _____ HOURS														
LEAKAGE TEST	TOTAL AMOUNT OF LEAKAGE MEASURED _____ GALS. _____ HOURS														
	ALLOWABLE LEAKAGE _____ GALS. _____ HOURS														
HYDRANTS	NUMBER INSTALLED _____		TYPE AND MAKE _____												
	ALL OPERATE SATISFACTORILY YES ☐ NO ☐														
CONTROL VALVES	WATER CONTROL VALVES LEFT WIDE OPEN: IF NO, STATE REASON _____			YES ☐ NO ☐											
	HOSE THREADS OF FIRE DEPARTMENT CONNECTIONS AND HYDRANTS INTERCHANGEABLE WITH THOSE OF FIRE DEPARTMENT ANSWERING ALARM?			YES ☐ NO ☐											
REMARKS	DATE LEFT IN SERVICE _____														
PARTS A & B	NAME OF SPRINKLER CONTRACTOR _____		FOR PROPERTY OWNER (SIGNED) _____ TITLE _____												
SIGNATURES	FOR SPRINKLER CONTRACTOR (SIGNED) _____			DATE _____											
	TESTS WITNESSED BY _____ TITLE _____ DATE _____														
PART "C" — SPRINKLER & WATER SPRAY ABOVEGROUND PIPING (FILL OUT SEPARATE PART "C" FOR EACH RISER)															
LOCATION	SERVES BLDGS.: Outback Steakhouse														
TESTS REQUIRED	HYDROSTATIC: ALL PIPING. PNEUMATIC: DRY PIPING. EQUIPMENT OPERATION: ALL. DRAIN: 2"														
SPRINKLERS OR SPRAY NOZZLES	MAKE	MODEL	SIZE	QUANTITY	TEMPERATURE RATING										
	Central	ELO 16 GBFR	.64	14	165										
	Central	ESLO	.70	13	165										
	Central	Std. Pend.	1/2	7	165										
PIPE AND FITTINGS	MATERIAL AND KIND CONFORMS TO <u>nfpa 13</u> STANDARD IF NONE, EXPLAIN _____														
ALARM VALVE OR FLOW INDICATOR	ALARM DEVICE			MAXIMUM TIME TO OPERATE THROUGH TEST PIPE											
	TYPE	MAKE	MODEL	MIN.	SEC.										
	VANE	POTTER													
DRY PIPE VALVES	OPERATING TEST RESULTS:														
	MAKE	MODEL	SER. NO.	TIME TO TRIP THROUGH TEST PIPE				WATER PRESS.	AIR PRESS.	TRIP POINT AIR PRESS.	TIME WATER REACHED TEST OUTLET		ALARM OPERATED PROPERLY		
				WITHOUT Q. O. D.		WITH Q. O. D.					MIN.	SEC.	YES	NO	
				MIN.	SEC.	MIN.	SEC.								
IF NO, EXPLAIN _____															
DELUGE & PREACTION VALVES	OPERATION: PNEUMATIC ☐ ELECTRIC ☐ HYDRAULIC ☐														
	PIPING SUPERVISED: YES ☐ NO ☐ DETECTING MEDIA SUPERVISED: YES ☐ NO ☐														
	DOES VALVE OPERATE FROM THE MANUAL TRIP AND/OR REMOTE CONTROL STATIONS? YES ☐ NO ☐														
	IS THERE AN ACCESSIBLE FACILITY IN EACH CIRCUIT FOR TESTING? YES ☐ NO ☐														
	IF NO, EXPLAIN _____														
	MAKE	MODEL	DOES EACH CIRCUIT OPERATE SUPERVISION LOSS ALARM?		DOES EACH CIRCUIT OPERATE VALVE RELEASE?		MAXIMUM TIME TO OPERATE RELEASE:								
		YES NO		YES NO		MIN. SEC.									
TESTS	ALL PIPING HYDROSTATICALLY TESTED AT 200 PSI FOR 2 HOURS														
	DRY PIPING PNEUMATICALLY TESTED: YES ☒ NO ☐														
BLANK TESTING GASKETS	EQUIPMENT OPERATES PROPERLY: YES ☒ NO ☐														
	IF NO, STATE REASON _____														
REMARKS	DRAIN TEST: READING OF GAGE LOCATED NEAR WATER SUPPLY TEST PIPE: _____ PSI RESIDUAL PRESSURE WITH VALVE IN TEST PIPE OPEN WIDE _____ PSI														
PART "C" SIGNATURES	NUMBER USED _____		LOCATIONS <u>Test Wetness by Fire Sub. Code J.E.</u>		NUMBER REMOVED _____										
	WELDED OR BRAZED PIPING IF YES, DO YOU CERTIFY AS THE SPRINKLER CONTRACTOR THAT THE WELDERS OR BRAZERS ARE QUALIFIED FOR WELDING OR BRAZING IN ACCORDANCE WITH THE REQUIREMENTS OF ASME BOILER AND PRESSURE VESSEL CODE, SECTION IX, QUALIFICATION STANDARD FOR WELDING AND BRAZING PROCEDURES, WELDERS, BRAZERS, AND WELDING AND BRAZING OPERATORS—1968 EDITION. YES ☐ NO ☐														
REMARKS	DATE LEFT IN SERVICE WITH ALL CONTROL VALVES OPEN. October 30, 1996														
PART "C" SIGNATURES	NAME OF SPRINKLER CONTRACTOR Tiger Associates, Inc.		FOR PROPERTY OWNER (SIGNED) <u>[Signature]</u>		TITLE _____										
	FOR SPRINKLER CONTRACTOR (SIGNED) <u>[Signature]</u>		TESTS WITNESSED BY <u>SEAN TIGER</u>		TITLE <u>PRES</u> DATE <u>10-30</u>										

Block 670, Lot 4 "Outback Steakhouse Inc

Temporary C/O Conditions to comply to by 11/4/96

1. Plumbing

Backflow prevention device installed on water line to trash enclosure
and a warning posted that reads "NOT POTABLE WATER"

+

2. Fire

Temporary C/O till 11/6/96
Install Tamper Switch and hook up to Sprinkler valves
Replace Micro Switch on alarm system covering the cooking system.

OK - 11/14/96

3. Engineering

Temporary C/O Conditions to comply to by 11/8/96

Road Pavement, Landscaping & Sodding, and Clean Up

4. Building

Temporary C/O Conditions to comply to by 11/6/96

Mansard in front not fire stopped every 20 feet.

WORK complete insp OK
1-6-96- need sealed letter
From Arch. JC

5. Ocean County Soil Conservation

Temporary C/O to comply to by 11/10/96

6. Electric

Temporary C/O Conditions to comply by 11/8/96

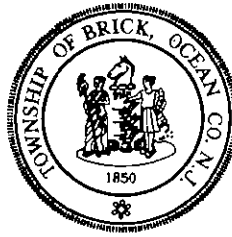
7. Affordable Housing , to be satisfied by 11/8/96 as per SMF.

OK - PAID 11/8/96

TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY

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



Joseph C. Scarpelli, Mayor

Township Council:

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

Department of Administration & Finance

Office of the Business Administrator

Scott R. MacFadden
Business Administrator
(908) 262-1052
Fax (908) 920-4850

TO: Thomas Pangaldi
Construction Code Official

FROM: Scott R. MacFadden
Business Administrator

RE: Outback Restaurant

DATE: November 1, 1996

Please accept this letter as an administrative directive to grant an extension of time for payment of final affordable housing fees in the amount of \$4,202.00. Said fees shall be due and payable no later than November 8, 1996 or the approval granted by the Building Department shall become void effective that date.

SRM/bmb

Jon W. Sammer, AIA

3921 Old Lee Highway, Suite 72-b
Fairfax, Virginia 22030
(703) 591-0747 Fax 591-1012

Friday, November 01, 1996

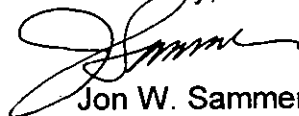
ID: OBBR
Proj: Outback Steakhouse
Brick, NJ

Building Inspector
Township of Brick
401 Chambersbridge Road
Brick, NJ 08723

Dear Building Inspector:

In lieu of a minimum 8" from the bottom of the siding to the finish grade around the perimeter of the above referenced project, I accept a continuous an 8" deep by 8" wide trench filled with no. 1 to no. 3 riverbed to allow for storm water drainage. The bottom of the trench shall be measured down from the bottom of the siding and the finish grade shall be no higher than 8" above the bottom of the trench.

Sincerely,



Jon W. Sammer
Architect, AIA

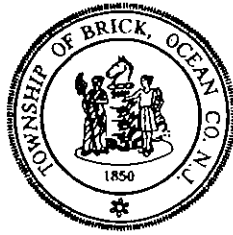
Received
11/7/96



11/7/96

TOWNSHIP OF BRICK

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



Joseph C. Scarpelli, Mayor

Township Council:

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SRM/bmb

Jon W. Sammer, AIA

3921 Old Lee Highway, Suite 72-b
Fairfax, Virginia 22030
(703) 591-0747 Fax 591-1012

Wednesday, November 6, 1996

ID: OBBR

Proj: Outback Steakhouse
Brick, NJ

Mr. John Chessler
Building Inspector
Township of Brick
401 Chambersbridge Road
Brick, NJ 08723

Dear Mr. Chessler:

Gypsum board draftstopping which is a minimum of 1/2" thick is acceptable as an alternate to 1/2" plywood draftstopping as called for on the building plans for the above referenced project.

Please give me a call at 703-591-0747 if you have any questions.

*Sealed copy
to Follow
called Arch
11/14 still no
sealed letter
JK*

Sincerely,



Jon W. Sammer
Architect, AIA

Jon W. Sammer, AIA

3921 Old Lee Highway, Suite 72-b
Fairfax, Virginia 22030
(703) 591-0747 Fax 591-1012

Wednesday, November 6, 1996

ID: OBBR

Proj: Outback Steakhouse
Brick, NJ

Mr. John Chessler
Building Inspector
Township of Brick
401 Chambersbridge Road
Brick, NJ 08723

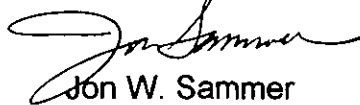
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Please give me a call at 703-591-0747 if you have any questions.

RECEIVED
NOV 15 1996
DIV. OF INSPECTION

Sincerely,


Jon W. Sammer
Architect, AIA

INSPECTOR: Nick Mynow

DATE: 1/17/96

JOB: Out Back SECTION:
Stork House

TYPE OF WORK: Final Eng.

WEATHER: Sunny Cold

LOCATION: KENNEDY MALL

TEMPERATURE: 14°

BLOCK: 670

LOT: 64

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

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

COMMENTS REFERENCING ITEM NUMBER:

① Edging to Be installed

② Utility Pole to Be Removed @ Elec. Box

RECOMMENDATIONS:

☐ TEMP. C.O.

☒ FINAL C.O.

☐ DETAILED REINSPECTION

☐ HOLD INSPECTION UNTIL LOT ELEVATION FIELD VERIFIED

[Signature]

PLANNING BOARD ENGINEER

[Signature]

MUNICIPAL ENGINEER

I, _____, Authorized representative of

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

INSPECTOR: *Nick Mergolo*

DATE: *11/2/96*

JOB: *Out Back* SECTION: *Steak house*

TYPE OF WORK: *Temp Co*

WEATHER: *Sunny*

LOCATION: *Kennedy Mall*

TEMPERATURE: *60°*

BLOCK: *670*

LOT: *4*

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

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

COMMENTS REFERENCING ITEM NUMBER:

⑤ *MORE Trees to Be planted*
Stripping to Be Completed
Signs 2 Entrance Exit
Signs 2 Exit
Temp Co For thru. 11/22/96

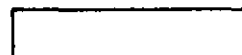
RECOMMENDATIONS:

☒ TEMP. C.O.

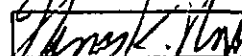
☐ FINAL C.O.

☐ DETAILED REINSPECTION

☐ HOLD INSPECTION UNTIL LOT ELEVATION FIELD VERIFIED



PLANNING BOARD ENGINEER



MUNICIPAL ENGINEER

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

TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY

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



Joseph C. Scarpelli, Mayor

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Martin J. Anton

Victor Cantillo

Helen Fayad

Lee Hartman

Mary Lou Powner

Office of Affordable Housing

Carol A. Wolfe

Affordable Housing Administrator

(908) 262-1048

CASE # _____

APPROVAL DATE: _____

(Planning Board/BOA)

DATE: 7/18/96

TO: Frederick R. Millman, CTA
Tax Assessor

FROM: Carol A. Wolfe
Affordable Housing Administrator

RE: BLOCK 670 LOT 4

SITE ADDRESS Kennedy, Inc.

TYPE OF SITE Commercial
(Residential/Commercial)

TYPE OF BUSINESS Restaurant

APPLICANT Kennedy, Inc.

CITY & STATE 641 Shore Pike
Chesapeake, N.J. 07922

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

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

\$ 839,600.

FRM/BCH

Frederick R. Millman, CTA, Tax Assessor

7-23-96

Date

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

\$ 840,000

FRM/BCH

Frederick R. Millman, CTA, Tax Assessor

10-15-96

Date

CERTIFICATE OF COMPLIANCE

BLOCK 1070 LOT 47 SITE ADDRESS 1070 47th St
TYPE OF SITE Residential/Commercial TYPE OF BUSINESS None
APPLICANT Joe Mary Ann PHONE NUMBER 304-766-5100
APPLICANT ADDRESS 1070 47th St CITY & STATE San Diego, CA
CASE # _____ NAME OF BUSINESS None

INCLUSIONARY DEVELOPMENT

☐ Affordable Fee Required _____ Date _____
Down Payment _____ Date _____
Balance _____ Date _____
Pd. in Full _____ Date _____
☐ Market Rate No Fee Required

MANDATORY DEVELOPER FEES

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

Estimated Assessment: 1229.00 Date 7/23/76
Required Deposit on Estimate \$ 412.50 Date 7/23/76
Check # _____ Receipt # _____
Actual Assessment: 1229.00 Date 7/23/76
Actual Required Fee: \$ _____
Minus Deposit of Estimate \$ _____
Balance Due \$ 412.50
Amount Paid in Full \$ _____ Date _____
Check # _____ Receipt # 4

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

Carol A. Wolfe
Affordable Housing Administrator



OCEAN COUNTY SOIL CONSERVATION DISTRICT

714 LACEY ROAD, FORKED RIVER, N.J. 08731
Telephone (609) 971-7002

REPORT OF COMPLIANCE

TO: CONSTRUCTION CODE OFFICIAL MUNICIPALITY: BRICK
PROJECT: OUTBACK STEAK HOUSE SCD NO.: 5729
BLOCK NO.(s) 670 LOT NO.(s) 4, 5, 8, 23, 25

Complete Compliance ☐

Temporary Compliance ☒

Block No.	Lot No.	Conditions
		This <u>TEMPORARY</u> compliance expires on <u>11/10/96</u>. The applicant is required to notify this office when work is <u>properly</u> completed. A <u>\$75.00</u> re-inspection fee will be billed to the applicant for each day the required work is not <u>properly</u> completed.
		TOTAL FEES DUE: \$ <u>75.00</u>

This verifies that the soil erosion and sediment control measures for the above designated block and lot numbers are in compliance to the extent indicated above with the soil erosion and sediment control plan as certified by the Ocean County Soil Conservation District and required by Chapter 251, P.L. 1975 as amended, the Soil Erosion and Sediment Control Act, (N.J.S.A. 4:24-39 et. seq.)

AGENT RESPONSIBLE FOR PROJECT: _____

AUTHORIZED DISTRICT SIGNATURE: _____

DATE: 10/29/94

DISTRIBUTION: WHITE - Township
CANARY - Applicant
PINK - District



OCEAN COUNTY SOIL CONSERVATION DISTRICT

714 LACEY ROAD, FORKED RIVER, N.J. 08731
Telephone (609) 971-7002

REPORT OF COMPLIANCE

TO: CONSTRUCTION CODE OFFICIAL MUNICIPALITY: BRIAR
PROJECT: OUR BACK STEAK HOUSE SCD NO.: 5729
BLOCK NO.(s) 670 LOT NO.(s) 4, 5, 8, 23, 25

Complete Compliance ☐

Temporary Compliance ☒

Block No.	Lot No.	Conditions
		This <u>TEMPORARY</u> compliance expires on <u>11/10/96</u>. The applicant is required to notify this office when work is <u>properly</u> completed. A <u>\$75.00</u> re-inspection fee will be billed to the applicant for each day the required work is not <u>properly</u> completed.
		TOTAL FEES DUE: \$ <u>75.00</u>

This verifies that the soil erosion and sediment control measures for the above designated block and lot numbers are in compliance to the extent indicated above with the soil erosion and sediment control plan as certified by the Ocean County Soil Conservation District and required by Chapter 251, P.L. 1975 as amended, the Soil Erosion and Sediment Control Act, (N.J.S.A. 4:24-39 et. seq.)

AGENT RESPONSIBLE FOR PROJECT: _____
AUTHORIZED DISTRICT SIGNATURE: [Signature]
DATE: 10/29/96



OCEAN COUNTY SOIL CONSERVATION DISTRICT

714 Lacey Road
Forked River NJ 08731
(609) 971 7002

SOIL EROSION AND SEDIMENT CONTROL CERTIFICATION

Supervisors
Sigmond Zsoldos
Frank Bartolt
A. Jerome Walnu
Albert Newby
John Perry

MAY 31 1996

KENNEDY MALL ASSOCIATES
641 SHUNPIKE ROAD
CHATHAM NJ 07928

RE SCD #5729, OUTBACK STEAK HOUSE
BLOCK 670 LOTS 4 5 8 23 & 25
BRICK TOWNSHIP

Pursuant to Chapter 251 Soil Erosion and Sediment Control Act P L 1975 the Ocean County Soil Conservation District hereby grants certification of the soil erosion and sediment control plan for the above referenced project subject to the following

- 1 That the applicant carries out all land disturbance activities in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey promulgated by the State Soil Conservation Committee
- 2 THE APPLICANT MUST NOTIFY THE DISTRICT OFFICE BY MAIL AT LEAST 48 HOURS PRIOR TO INITIAL LAND DISTURBANCE
- 3 A letter must be written notifying the District office of project completion within 48 hours immediately following completion
- 4 Changes in the certified plan relating to or that will affect land disturbance on the site must be submitted to the District office for re evaluation and approval
- 5 A copy of the certified plan and a copy of these provisions must be kept on the job site at all times

Failure to comply with any of the above conditions may result in the issuance of a Stop Construction Order

NOTE This certification is limited to the controls specified in this plan It is not authorization to engage in the proposed land use unless such use has been previously approved by the municipality or other controlling agency THIS CERTIFICATION SHALL EXPIRE IN 3 1/2 YEARS

AP bb

Sigmond Zsoldos
SUPERVISOR

INSPECTOR:

K Shafer

DATE:

11-1-96

JOB:

Outback
Steakhouse

SECTION:

Kennedy
Mall

TYPE OF WORK:

Temp CO

WEATHER:

Raining

LOCATION:

off Hager Ave

TEMPERATURE:

50°s

BLOCK: 620

LOT: 4, 5, 8, 23, 25

ENGINEERING RECOMMENDATIONS FOR CERTIFICATE OF OCCUPANCY INSPECTION CHECK LIST

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

COMMENTS REFERENCING ITEM NUMBER:

(5, 6, 7)

Items to be completed per 10/30/96
Insp. report.

RECOMMENDATIONS:

☒ TEMP. C.O.

until 11/8/96

☐ FINAL C.O.☐ DETAILED REINSPECTION☐ HOLD INSPECTION UNTIL LOT ELEVATION FIELD VERIFIED

PLANNING BOARD ENGINEER

MUNICIPAL ENGINEER

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



OCEAN COUNTY HEALTH DEPARTMENT

No: _____

SANITARY INSPECTION REPORT

BLK 670 LOT 4, 5, 23-25 ESTABLISHMENT INFORMATION			
PHONE # TEMP. 703-59A-0747		ESTABLISHMENT CODE 22	GOODS ☐ DESTROYED ☐ EMBARGOED
ESTABLISHMENT TRADING NAME OUTBACK STEAKHOUSE		EVALUATION ☒ SATISFACTORY ☐ CONDITIONALLY SATISFACTORY ☐ UNSATISFACTORY	
NUMBER AND STREET Hooper Avenue		WATER SUPPLY ☒ Public - Community ☐ Individual (Public - Non-Community)	
CITY OR MUNICIPALITY BRICK	ZIP CODE 08723		
ESTABLISHMENT LICENSE NO. TO BE OBTAINED	COMMUN. CODE 1506	RISK I	
OWNER INFORMATION (Complete this section only if different from establishment information)		TIME (2400 HOURS)	
NAME OF OWNER(S), CORPORATION OR REGISTERED AGENT OUTBACK STEAKHOUSE		DATE 7/5/96	BEGIN 0840
NUMBER AND STREET 550N RENO STREET			END 0950
CITY OR MUNICIPALITY Tampa		STATE FL	
ZIP CODE 33609	COMMUN. CODE —	COMPLAINT NO.	
		COMPLAINT REC.	
		COMPLAINT INSPECTED	
INSPECTION TYPE ☐ COMPLAINT ☐ INITIAL INSPECTION ☐ REINSPECTION ☒ PLAN REVIEW ☐ CONFERENCE	TYPE OF ESTABLISHMENT ☒ RETAIL ☐ WHOLESALE ☐ VENDING MACHINE NO. OF MACHINES ☐ FROZEN DESSERTS ☐ OTHER	Herbert W. Roeschke Health Officer Sunset Avenue P.O. Box 2191 Toms River, N.J. 08754-2191 Telephone No. 908-341-9700 EXT 7469	
		NAME OF INSPECTING OFFICIAL (Print) STEPHEN KLAMIECKI	
		SIGNATURE OF INSPECTING OFFICIAL <i>Stephen Klamiecki</i>	PERMANENT REG. NO. B-1463

DETAILED DATA SHEET

[illegible]

H.D. 67

Page

01

Pages

Members

Gary Casperson, *Chairman*
Walter F. Rehak, *Vice Chairman*
Robert Singer, *Secretary-Treasurer*
Leon Dwulet, M.D.
Barbara Hierung
Robert S. Laureigh
John J. Mallon
Patricia Seeber
Warren Wolf
James F. Lacey, *Freeholder Liaison*
Seymour J. Kagan, *Counsel*



OCEAN COUNTY HEALTH DEPARTMENT

P.O. Box 2191
Toms River, NJ 08754-2191
(908) 341-9700

Joseph J. Przywara
Acting Public Health Coordinator

July 9, 1996

Mr. Jon W. Sammer, AIA
S/A Architecture, P.C.
3921 Old Lee Highway
Suite 72-B
Fairfax, Virginia 22030

Re: Outback Steakhouse
Kennedy Mall - Block 670
Lots 4, 5, 8, 23 & 25
Brick, New Jersey

Dear Mr. Sammer:

Please be advised that the blueprints submitted to this department for the above stated have been reviewed under Chapter XII, The State Sanitary Code of New Jersey.

The concept is rated "Satisfactory" with the following stipulations:

1. Sinks depicted at both the waitress stations and salad drier area shall be hand sinks.
2. This department shall be notified at least 48 hours prior to the intended opening date for a pre-operational inspection and rating.

If you have any questions, please feel free to contact me.

Yours truly,


Joseph A. Gallos
Principal Sanitary Inspector

JAG:cp

cc - Brick Town Construction Official
Brick Town Plumbing Official
Brick Town Board of Health

NOV- 1-96 FRI 5:16 PM

P. 1

EAPP
ELB500P0

OCEAN COUNTY ELECTRICAL SYSTEM
ELECTRICAL BUREAU APPLICATION MAINTENANCE

11/01/96
04:12

FUNCTION: CHG

APPLICATION: 960812 . 007251

MUN: 07 BLOCK-LOT: 670/4

OWNER: OUTBACK STEAKHOUSE

ADDR: 2770 HOOPER AVE

OCCUP:

T: D BAS:

EL: 006635

REM: 961030 TCO-961030-#195

NO	TYPE	AMOUNT	CK NO	R	DATE	STA	LIC NO	REINSP	STA	LIC NO
1	R	732.00	39635							
2	P	.00	00000		961023	P	3433			
3	F	.00	00000							

BAL DUE: .00

EST. COST: .00

TRAINING FEE: .00

PROG CARD: 961023

FINAL CARD:

CO CARD:

POST JOURNAL:

ENTER, PF1 - CONTINUE CLEAR - EXIT PF2 - CANCEL

Attn: Gina

CERTIFICATE OF COMPLIANCE

BLOCK 670 LOT 4 SITE ADDRESS KENNEDY MAIL
TYPE OF SITE COMMERCIAL TYPE OF BUSINESS RESTAURANT
Residential/Commercial
APPLICANT KENNEDY MAIL ASSOCIATES PHONE NUMBER 201-966-2800
APPLICANT ADDRESS 641 SHUNPIKE ROAD CITY & STATE CHATHAM NJ 07925
CASE # _____ NAME OF BUSINESS OUTBACK

INCLUSIONARY DEVELOPMENT

☐ Affordable

Fee Required _____ Date _____
Down Payment _____ Date _____
Balance _____ Date _____
Pd. in Full _____ Date _____

☐ Market Rate

No Fee Required

MANDATORY DEVELOPER FEES

☐ Residential is .005%

☒ Commercial is .01%

Estimated Assessment: \$ 839,600. Date 7/23/96
Required Deposit on Estimate \$ 4198.00 Date 8/5/96
Check # 39553 Receipt # _____
Actual Assessment: \$ 840,000.00 Date 10/15/96
Actual Required Fee: \$ 8400.00
Minus Deposit of Estimate \$ 4198.00
Balance Due \$ 4202.00
Amount Paid in Full \$ _____ Date _____
Check # _____ Receipt # _____

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

Carol A. Wolfe
Affordable Housing Administrator

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

Joseph C. Scarpelli, Mayor



Office of Affordable Housing
Carol A. Wolfe
Affordable Housing Administrator
(908) 262-1048

TO: Scott Pezarras, Treasurer
FROM: Carol A. Wolfe, Affordable Housing Administrator
RE: DEPOSIT Preliminary Fee
☒ Mandatory Development Fee
☐ Inclusionary Development Fee

DATE: 8/5/96

Enclosed please find check number #39553, drawn on the account of Outback Steakhouse of FL. in the amount of \$ 4,198.00 which represents a deposit for estimated fees levied against Block 670 Lot 4 Kennedy Mall

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

Received in Treasurer's Office by:

H. Melano
Signature

8/5/96
Date

THE BACK OF THIS DOCUMENT CONTAINS AN ARTIFICIAL WATERMARK - HOLD AT AN ANGLE TO VIEW
OUTBACK STEAKHOUSE OF FLORIDA, INC.

550 NORTH REO STREET SUITE 204

TAMPA, FL 33609

(813) 282-1225

BARNETT BANK OF TAMPA, N.A. - 040
101 EAST KENNEDY BOULEVARD
TAMPA, FL 33602

NUMBER

39553

DATE

08/02/96

AMOUNT

\$4,198.00

PAY: FOUR THOUSAND ONE HUNDRED NINETY EIGHT AND 00/100 *****

TWO SIGNATURES REQUIRED OVER \$25,000.00

TO THE TOWNSHIP OF BRICK
ORDER OF
OF BRICK NJ

Ch. T. Sullivan
AUTHORIZED SIGNATURE

00039553 0631046970 1406154314

SA JON W. SAMMER • ARCHITECT, AIA
ARCHITECTURE
3921 OLD LEE HWY • STE 72-B • FAX 591-1012
FAIRFAX, VIRGINIA • 22030 • [703] 591-0747

Blk 670
LTS-4-5-8-23-25

TRANSMITTAL 0973

Date: Friday, August 30, 1996

ID: OBRR

Project: Outback Steakhouse
Brick, NJ

TO: W.M. Griffith and Co.
110 Oak Grove Road
Suite 101
Sterling, VA 22170

ATTN: Kevin McDonough

Tele: 703-318-7238

Fax: 703-318-8770

VIA: Fed Ex

For Your: distribution to parties / use

COPIES	DATE	REV NO	DESCRIPTION
2	02/16/96		Revised sheet A-4.

REMARKS

Please call if you have any questions or if there are any items missing from this transmittal.

Jon W. Sammer
Architect, AIA

COPIES TO: David Chriss of Outback Steakhouse

K&E FIRE PROTECTION CORPORATION
14 PLAZA NINE
MANALAPAN, NEW JERSEY 07726

HYDRAULIC CALCULATIONS

FOR

AREA # 2
OUTBACK STEAKHOUSE
BRICK, NEW JERSEY

FILE NUMBER: OUTBACK.2R
08-09-1996

-DESIGN DATA-

OCCUPANCY CLASSIFICATION:	LIGHT HAZARD
DENSITY:	.10 gpm/sq. ft.
AREA OF APPLICATION:	1500 sq. ft.
COVERAGE PER SPRINKLER:	400 sq. ft.
NUMBER OF SPRINKLERS CALCULATED:	8 heads
TOTAL SPRINKLER WATER FLOW REQUIRED:	350.1 gpm
TOTAL WATER REQUIRED (including hose):	450.1 gpm
FLOW & PRESSURE (at base of riser):	450.1 gpm @ 52.1 psi
SPRINKLER ORIFICE SIZE:	.64 inch
NAME OF CONTRACTOR:	TIGER ASSOCIATES
NAME OF DESIGNER:	K&E FIRE PROTECTION
AUTHORITY HAVING JURISDICTION:	LOCAL OFFICIALS



SPRINKLER SYSTEM HYDRAULIC ANALYSIS

Page 1

Date: 08-09

OUTBACK.2R

JOB TITLE: OUTBACK STEAK HOUSE

WATER SUPPLY DATA

SOURCE NODE TAG	STATIC PRESS. (PSI)	RESID. PRESS. (PSI)	FLOW @ (GPM)	AVAIL. PRESS. @ (PSI)	TOTAL DEMAND (GPM)	REQ'D PRESS. (PSI)
SRC	77.0	74.0	1155.0	76.5	450.1	52.1

AGGREGATE FLOW ANALYSIS:

TOTAL FLOW AT SOURCE	450.1 GPM
TOTAL HOSE STREAM ALLOWANCE AT SOURCE	100.0 GPM
OTHER HOSE STREAM ALLOWANCES	0.0 GPM
TOTAL DISCHARGE FROM ACTIVE SPRINKLERS	350.1 GPM

NODE ANALYSIS DATA

NODE TAG	ELEVATION (FT)	NODE TYPE	PRESSURE (PSI)	DISCHARGE (GPM)
1	10.0	K=11.40	12.3	40.0
2	10.0	- - - -	15.1	- - -
3	10.0	K=11.40	13.7	42.3
4	10.0	- - - -	16.9	- - -
5	10.0	K=11.40	13.6	42.1
6	10.0	- - - -	19.3	- - -
7	10.0	K= 5.60	18.3	24.0
8	10.0	- - - -	19.8	- - -
9	10.0	K=11.40	25.1	57.2
10	10.0	- - - -	30.6	- - -
11	10.0	- - - -	31.6	- - -
12	10.0	- - - -	35.5	- - -
13	10.0	K=11.40	16.0	45.5
14	10.0	- - - -	19.5	- - -
15	10.0	K=11.40	16.9	46.8
16	10.0	- - - -	22.5	- - -
17	10.0	K=11.40	21.1	52.3
18	10.0	- - - -	28.0	- - -
19	10.0	- - - -	33.7	- - -
20	10.0	- - - -	35.7	- - -
27	10.0	- - - -	37.8	- - -
28	10.0	- - - -	39.0	- - -
29	0.0	- - - -	44.6	- - -
30	0.0	- - - -	49.6	- - -
SRC	0.0	SOURCE	52.1	350.1

SPRINKLER SYSTEM HYDRAULIC ANALYSIS

Page 2

JOB TITLE: OUTBACK STEAK HOUSE

PIPE DATA

PIPE TAG	END	ELEV.	NOZ.	PT	DISC.	Q(GPM)	DIA(IN)	LENGTH	PRESS.	
NODES	(FT)	(K)	(PSI)	(GPM)	VEL(FPS)	HW(C)	F.L./FT	(FT)	SUM.	
									(PSI)	
Pipe: 1										
1		10.0	11.4	12.3	40.0	-40.0 14.8	1.049 120	PL 5.0	PF 0.0	
2		10.0	0.0	15.1	0.0		0.469	TL 6.0	PV 1.5	
Pipe: 2										
2		10.0	0.0	15.1	0.0	-40.0 8.6	1.380 120	PL 14.0	PF 1.7	
4		10.0	0.0	16.9	0.0		0.123	TL 14.0	PV 0.5	
Pipe: 3										
3		10.0	11.4	13.7	42.3	-42.3 15.7	1.049 120	PL 5.0	PF 0.0	
4		10.0	0.0	16.9	0.0		0.519	TL 6.0	PV 1.7	
Pipe: 4										
4		10.0	0.0	16.9	0.0	-82.3 13.0	1.610 120	PL 11.0	PF 2.4	
6		10.0	0.0	19.3	0.0		0.221	TL 11.0	PV 1.1	
Pipe: 5										
5		10.0	11.4	13.6	42.1	-42.1 15.6	1.049 120	PL 2.0	PF 5.7	
6		10.0	0.0	19.3	0.0		0.515	TL 11.0	PV 1.6	
Pipe: 6										
6		10.0	0.0	19.3	0.0	-124.3 19.6	1.610 120	PL 1.0	PF 0.5	
8		10.0	0.0	19.8	0.0		0.475	TL 1.0	PV 2.6	
Pipe: 7										
7		10.0	5.6	18.3	24.0	-24.0 8.9	1.049 120	PL 3.0	PF 1.5	
8		10.0	0.0	19.8	0.0		0.182	TL 8.0	PV 0.5	
Pipe: 8										
8		10.0	0.0	19.8	0.0	-148.3 23.4	1.610 120	PL 10.0	PF 11.8	
11		10.0	0.0	31.6	0.0		0.658	TL 18.0	PV 3.7	
Pipe: 9										
9		10.0	11.4	25.1	57.2	-57.2 21.2	1.049 120	PL 1.0	PF 5.0	
10		10.0	0.0	30.6	0.0		0.908	TL 6.0	PV 3.0	
Pipe: 10										
10		10.0	0.0	30.6	0.0	-57.2 9.0	1.610 120	PL 1.0	PF 1.0	
11		10.0	0.0	31.6	0.0		0.113	TL 9.0	PV 0.5	
Pipe: 11										
11		10.0	0.0	31.6	0.0	-205.4 19.6	2.067 120	PL 1.0	PF 3.9	
12		10.0	0.0	35.5	0.0		0.356	TL 11.0	PV 2.6	
Pipe: 12										
12		10.0	0.0	35.5	0.0	-205.4 4.6	4.260 120	PL 18.0	PF 0.2	
20		10.0	0.0	35.7	0.0		0.011	TL 18.0	PV 0.1	
Pipe: 13										
13		10.0	11.4	16.0	45.5	-45.5 16.9	1.049 120	PL 2.0	PF 3.6	
14		10.0	0.0	19.5	0.0		0.596	TL 6.0	PV 1.9	

JOB TITLE: OUTBACK STEAK HOUSE

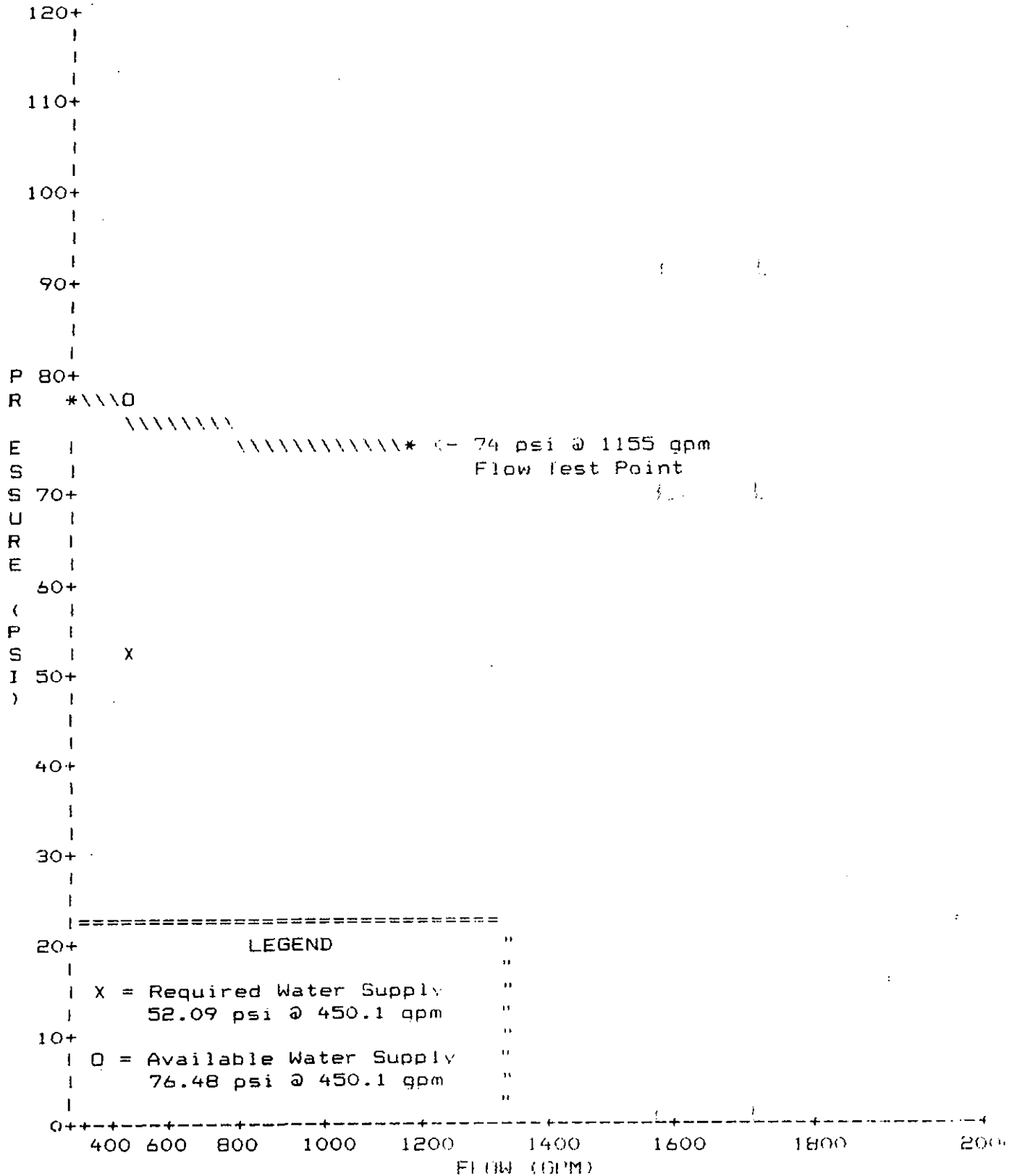
PIPE DATA (cont'd)

PIPE TAG	END	ELEV.	NOZ.	PT	DISC.	Q (GPM)	VEL (FPS)	DIA (IN)	LENGTH	PRESS.	
	NODES	(FT)	(K)	(PSI)	(GPM)			HW (C)	(FT)	SUM.	
								F.L./FT		(PSI)	
Pipe: 14											
14		10.0	0.0	19.5	0.0	-45.5	9.8	1.380	PL 19.0	PF	3.0
16		10.0	0.0	22.5	0.0			120	FL 0.0	PE	0.0
								0.157	TL 19.0	PV	0.6
Pipe: 15											
15		10.0	11.4	16.9	46.8	-46.8	17.4	1.049	PL 2.0	PF	5.6
16		10.0	0.0	22.5	0.0			120	FL 7.0	PE	0.0
								0.628	TL 9.0	PV	2.0
Pipe: 16											
16		10.0	0.0	22.5	0.0	-92.4	14.6	1.610	PL 20.0	PF	5.5
18		10.0	0.0	28.0	0.0			120	FL 0.0	PE	0.0
								0.274	TL 20.0	PV	1.4
Pipe: 17											
17		10.0	11.4	21.1	52.3	-52.3	19.4	1.049	PL 2.0	PF	6.9
18		10.0	0.0	28.0	0.0			120	FL 7.0	PE	0.0
								0.771	TL 9.0	PV	2.5
Pipe: 18											
18		10.0	0.0	28.0	0.0	-144.7	22.8	1.610	PL 1.0	PF	5.7
19		10.0	0.0	33.7	0.0			120	FL 8.0	PE	0.0
								0.628	TL 9.0	PV	3.5
Pipe: 19											
19		10.0	0.0	33.7	0.0	-144.7	13.8	2.067	PL 1.0	PF	2.0
20		10.0	0.0	35.7	0.0			120	FL 10.0	PE	0.0
								0.186	TL 11.0	PV	1.3
Pipe: 20											
20		10.0	0.0	35.7	0.0	-350.1	7.9	4.260	PL 56.0	PF	2.1
27		10.0	0.0	37.8	0.0			120	FL 20.0	PE	0.0
								0.028	TL 76.0	PV	0.4
Pipe: 22											
27		10.0	0.0	37.8	0.0	-350.1	7.9	4.260	PL 22.0	PF	1.2
28		10.0	0.0	39.0	0.0			120	FL 20.0	PE	0.0
								0.028	TL 42.0	PV	0.4
Pipe: 23											
28		10.0	0.0	39.0	0.0	-350.1	7.9	4.260	PL 10.0	PF	1.3
29		0.0	0.0	44.6	0.0			120	FL 35.0	PE	4.3
								0.028	TL 45.0	PV	0.4
Pipe: 24											
29		0.0	0.0	44.6	0.0	FIXED PRESSURE LOSS DEVICE					
30		0.0	0.0	49.6	0.0	-5.0 psi, 350.1 gpm					
Pipe: 25											
30		0.0	0.0	49.6	0.0	-350.1	3.7	6.249	PL 650.0	PF	2.5
SRC		0.0	SRCE	52.1	(N/A)			140	FL 100.0	PE	0.0
								0.003	TL 750.0	PV	0.1

SPRINKLER SYSTEM HYDRAULIC ANALYSIS

JOB TITLE: OUTBACK STEAK HOUSE

WATER SUPPLY CURVE



K&E FIRE PROTECTION CORPORATION
14 PLAZA NINE
MANALAPAN, NEW JERSEY 07726

HYDRAULIC CALCULATIONS

FOR

AREA # 2
OUTBACK STEAKHOUSE
BRICK, NEW JERSEY

FILE NUMBER: OUTBACK.2R
08-09-1996

-DESIGN DATA-

OCCUPANCY CLASSIFICATION:	LIGHT HAZARD
DENSITY:	.10 gpm/sq. ft.
AREA OF APPLICATION:	1500 sq. ft.
COVERAGE PER SPRINKLER:	400 sq. ft.
NUMBER OF SPRINKLERS CALCULATED:	8 heads
TOTAL SPRINKLER WATER FLOW REQUIRED:	350.1 gpm
TOTAL WATER REQUIRED (including hose):	450.1 gpm
FLOW & PRESSURE (at base of riser):	450.1 gpm @ 52.1 psi
SPRINKLER ORIFICE SIZE:	.64 inch
NAME OF CONTRACTOR:	TIGER ASSOCIATES
NAME OF DESIGNER:	K&E FIRE PROTECTION
AUTHORITY HAVING JURISDICTION:	LOCAL OFFICIALS



SPRINKLER SYSTEM HYDRAULIC ANALYSIS

Page 2

JOB TITLE: OUTBACK STEAK HOUSE

PIPE DATA

PIPE TAG		Q(GPM) DIA(IN) LENGTH					PRESS.			
END	ELEV.	NOZ.	PT	DISC.	VEL.(FPS)	HW(C)	(FT)	SUM.		
NODES	(FT)	(K)	(PSI)	(GPM)		F.L./FT		(PSI)		
1	Pipe: 1				-40.0	1.049	PL	1.0	PF	2.8
	10.0	11.4	12.3	40.0	14.8	120	FL	5.0	PE	0.0
	10.0	0.0	15.1	0.0		0.469	TL	6.0	PV	1.5
2	Pipe: 2				-40.0	1.380	PL	14.0	PF	1.7
	10.0	0.0	15.1	0.0	8.6	120	FL	0.0	PE	0.0
	10.0	0.0	16.9	0.0		0.123	TL	14.0	PV	0.5
3	Pipe: 3				-42.3	1.049	PL	1.0	PF	3.1
	10.0	11.4	13.7	42.3	15.7	120	FL	5.0	PE	0.0
	10.0	0.0	16.9	0.0		0.519	TL	6.0	PV	1.7
4	Pipe: 4				-82.3	1.610	PL	11.0	PF	2.4
	10.0	0.0	16.9	0.0	13.0	120	FL	0.0	PE	0.0
	10.0	0.0	19.3	0.0		0.221	TL	11.0	PV	1.1
5	Pipe: 5				-42.1	1.049	PL	2.0	PF	5.7
	10.0	11.4	13.6	42.1	15.6	120	FL	9.0	PE	0.0
	10.0	0.0	19.3	0.0		0.515	TL	11.0	PV	1.6
6	Pipe: 6				-124.3	1.610	PL	1.0	PF	0.5
	10.0	0.0	19.3	0.0	19.6	120	FL	0.0	PE	0.0
	10.0	0.0	19.8	0.0		0.475	TL	1.0	PV	2.6
7	Pipe: 7				-24.0	1.049	PL	3.0	PF	1.5
	10.0	5.6	18.3	24.0	8.9	120	FL	5.0	PE	0.0
	10.0	0.0	19.8	0.0		0.182	TL	8.0	PV	0.5
8	Pipe: 8				-148.3	1.610	PL	10.0	PF	11.8
	10.0	0.0	19.8	0.0	23.4	120	FL	8.0	PE	0.0
	10.0	0.0	31.6	0.0		0.658	TL	18.0	PV	3.7
9	Pipe: 9				-57.2	1.049	PL	1.0	PF	5.0
	10.0	11.4	25.1	57.2	21.2	120	FL	5.0	PE	0.0
	10.0	0.0	30.6	0.0		0.908	TL	6.0	PV	3.0
10	Pipe: 10				-57.2	1.610	PL	1.0	PF	1.0
	10.0	0.0	30.6	0.0	9.0	120	FL	8.0	PE	0.0
	10.0	0.0	31.6	0.0		0.113	TL	9.0	PV	0.5
11	Pipe: 11				-205.4	2.067	PL	1.0	PF	3.9
	10.0	0.0	31.6	0.0	19.6	120	FL	10.0	PE	0.0
	10.0	0.0	35.5	0.0		0.356	TL	11.0	PV	2.6
12	Pipe: 12				-205.4	4.260	PL	18.0	PF	0.2
	10.0	0.0	35.5	0.0	4.6	120	FL	0.0	PE	0.0
	10.0	0.0	35.7	0.0		0.011	TL	18.0	PV	0.1
13	Pipe: 13				-45.5	1.049	PL	2.0	PF	3.6
	10.0	11.4	16.0	45.5	16.9	120	FL	4.0	PE	0.0
	10.0	0.0	19.5	0.0		0.596	TL	6.0	PV	1.9

SPRINKLER SYSTEM HYDRAULIC ANALYSIS

Page 3

JOB TITLE: OUTBACK STEAK HOUSE

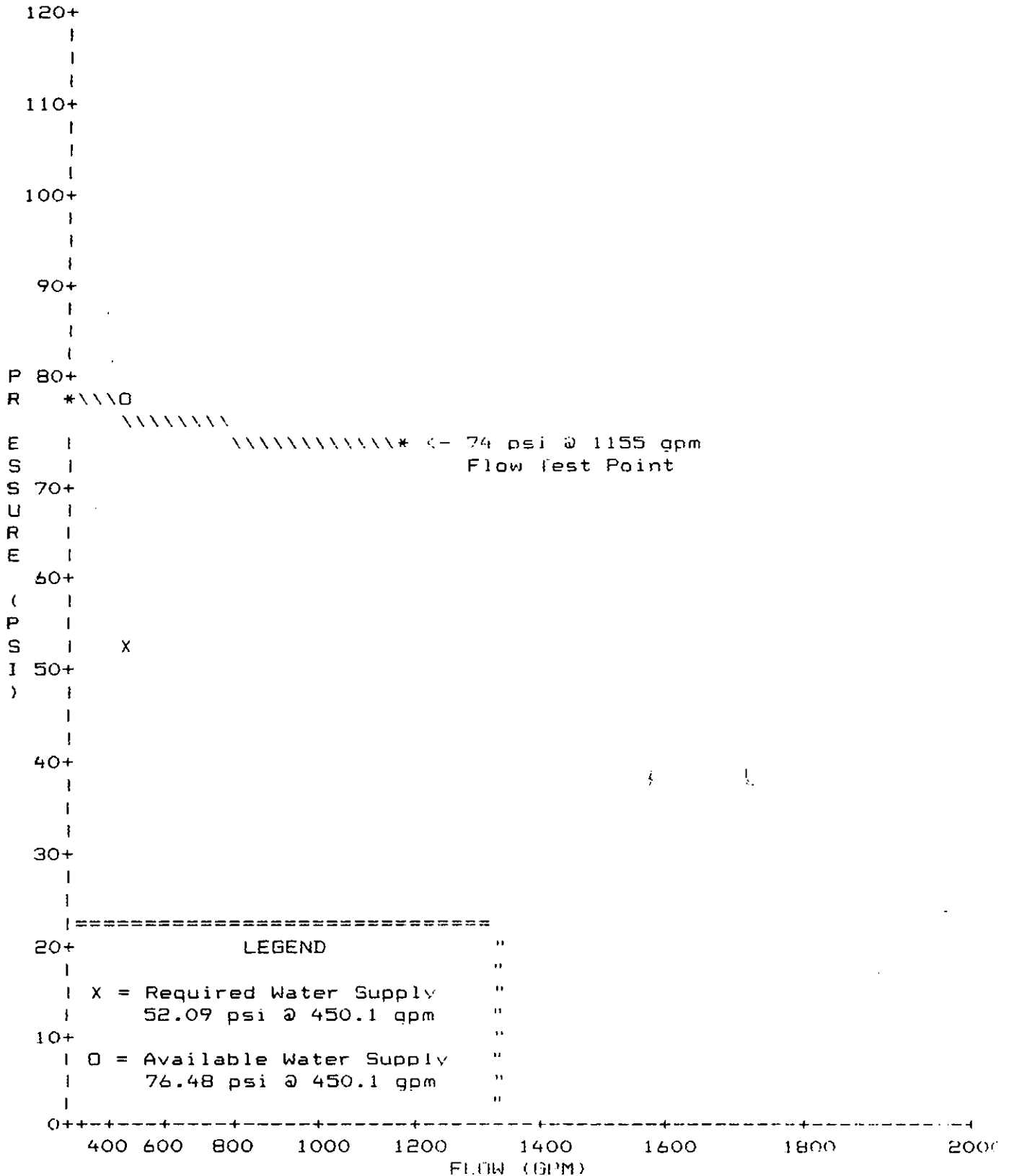
PIPE DATA (cont'd)

PIPE TAG	END	ELEV.	NOZ.	PT	DISC.	Q(GPM)	DIA(IN)	LENGTH	PRESS.
NODES	(FT)	(K)	(PSI)	(GPM)	VEL(FPS)	HW(C)	F.L./FT	(FT)	SUM.
									(PSI)
Pipe: 14					-45.5	1.380	PL	19.0	PF 3.0
14	10.0	0.0	19.5	0.0	9.8	120	FL	0.0	PE 0.0
16	10.0	0.0	22.5	0.0		0.157	TL	19.0	PV 0.6
Pipe: 15					-46.8	1.049	PL	2.0	PF 5.6
15	10.0	11.4	16.9	46.8	17.4	120	FL	7.0	PE 0.0
16	10.0	0.0	22.5	0.0		0.628	TL	9.0	PV 2.0
Pipe: 16					-92.4	1.610	PL	20.0	PF 5.5
16	10.0	0.0	22.5	0.0	14.6	120	FL	0.0	PE 0.0
18	10.0	0.0	28.0	0.0		0.274	TL	20.0	PV 1.4
Pipe: 17					-52.3	1.049	PL	2.0	PF 6.9
17	10.0	11.4	21.1	52.3	19.4	120	FL	7.0	PE 0.0
18	10.0	0.0	28.0	0.0		0.771	TL	9.0	PV 2.5
Pipe: 18					-144.7	1.610	PL	1.0	PF 5.7
18	10.0	0.0	28.0	0.0	22.8	120	FL	8.0	PE 0.0
19	10.0	0.0	33.7	0.0		0.628	TL	9.0	PV 3.5
Pipe: 19					-144.7	2.067	PL	1.0	PF 2.0
19	10.0	0.0	33.7	0.0	13.8	120	FL	10.0	PE 0.0
20	10.0	0.0	35.7	0.0		0.186	TL	11.0	PV 1.3
Pipe: 20					-350.1	4.260	PL	56.0	PF 2.1
20	10.0	0.0	35.7	0.0	7.9	120	FL	20.0	PE 0.0
27	10.0	0.0	37.8	0.0		0.028	TL	76.0	PV 0.4
Pipe: 22					-350.1	4.260	PL	22.0	PF 1.2
27	10.0	0.0	37.8	0.0	7.9	120	FL	20.0	PE 0.0
28	10.0	0.0	39.0	0.0		0.028	TL	42.0	PV 0.4
Pipe: 23					-350.1	4.260	PL	10.0	PF 1.3
28	10.0	0.0	39.0	0.0	7.9	120	FL	35.0	PE 4.3
29	0.0	0.0	44.6	0.0		0.028	TL	45.0	PV 0.4
Pipe: 24					FIXED PRESSURE LOSS DEVICE				
29	0.0	0.0	44.6	0.0	-5.0 psi, 350.1 gpm				
30	0.0	0.0	49.6	0.0					
Pipe: 25					-350.1	6.249	PL	650.0	PF 2.5
30	0.0	0.0	49.6	0.0	3.7	140	FL	100.0	PE 0.0
SRC	0.0	SRCE	52.1	(N/A)		0.003	TL	750.0	PV 0.1

SPRINKLER SYSTEM HYDRAULIC ANALYSIS

JOB TITLE: OUTBACK STEAK HOUSE

WATER SUPPLY CURVE



K&E FIRE PROTECTION CORPORATION
14 PLAZA NINE
MANALAPAN, NEW JERSEY 07726

HYDRAULIC CALCULATIONS

FOR

AREA # 1
OUTBACK STEAKHOUSE
BRICK, NEW JERSEY

FILE NUMBER: OUTBACK.1R
08-09-1996

-DESIGN DATA-

OCCUPANCY CLASSIFICATION:	ORD. HAZARD
DENSITY:	.15 gpm/sq. ft.
AREA OF APPLICATION:	1500 sq. ft.
COVERAGE PER SPRINKLER:	400 sq. ft.
NUMBER OF SPRINKLERS CALCULATED:	10 heads
TOTAL SPRINKLER WATER FLOW REQUIRED:	578.5 gpm
TOTAL WATER REQUIRED (including hose):	828.5 gpm
FLOW & PRESSURE (at base of riser):	828.5 gpm @ 51.9 psi
SPRINKLER ORIFICE SIZE:	.70 inch
NAME OF CONTRACTOR:	TIGER ASSOCIATES
NAME OF DESIGNER:	K&E FIRE PROTECTION
AUTHORITY HAVING JURISDICTION:	LOCAL OFFICIALS



SPRINKLER SYSTEM HYDRAULIC ANALYSIS

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OUTBACK.112

Date: 08-09

JOB TITLE: OUTBACK STEAK HOUSE

WATER SUPPLY DATA

SOURCE NODE TAG	STATIC PRESS. (PSI)	RESID. PRESS. (PSI)	FLOW @ (GPM)	AVAIL. PRESS. @ (PSI)	TOTAL DEMAND (GPM)	REQ'D PRESS. (PSI)
SRC	77.0	74.0	1155.0	75.4	828.5	51.9

AGGREGATE FLOW ANALYSIS:

TOTAL FLOW AT SOURCE	828.5 GPM
TOTAL HOSE STREAM ALLOWANCE AT SOURCE	250.0 GPM
OTHER HOSE STREAM ALLOWANCES	0.0 GPM
TOTAL DISCHARGE FROM ACTIVE SPRINKLERS	578.5 GPM

NODE ANALYSIS DATA

NODE TAG	ELEVATION (FT)	NODE TYPE	PRESSURE (PSI)	DISCHARGE (GPM)
1	10.0	K=14.50	18.3	62.0
2	10.0	- - - -	25.7	- - -
3	10.0	K=14.50	13.1	52.5
4	10.0	- - - -	17.8	- - -
5	10.0	K=14.50	15.0	56.1
6	10.0	- - - -	20.2	- - -
7	10.0	- - - -	26.8	- - -
8	10.0	- - - -	29.1	- - -
9	10.0	K=14.50	17.1	60.0
10	10.0	- - - -	26.1	- - -
11	10.0	K=14.50	17.5	60.7
12	10.0	- - - -	26.7	- - -
13	10.0	- - - -	29.1	- - -
14	10.0	K=14.50	18.4	62.2
15	10.0	- - - -	24.7	- - -
16	10.0	- - - -	29.3	- - -
17	10.0	K=14.50	11.7	49.6
18	10.0	- - - -	18.0	- - -
19	10.0	K=14.50	12.1	50.5
20	10.0	- - - -	19.3	- - -
23	10.0	K=14.50	16.7	59.3
24	10.0	- - - -	22.6	- - -
21	10.0	K=14.50	20.4	65.6
22	10.0	- - - -	23.2	- - -
25	10.0	- - - -	26.1	- - -
26	10.0	- - - -	29.9	- - -
27	10.0	- - - -	30.1	- - -
28	10.0	- - - -	33.1	- - -
29	0.0	- - - -	40.7	- - -
30	0.0	- - - -	45.7	- - -
SRC	0.0	SOURCE	51.9	578.5

SPRINKLER SYSTEM HYDRAULIC ANALYSIS

Page 2

JOB TITLE: OUTBACK STEAK HOUSE

PIPE DATA

PIPE TAG	END	ELEV.	NOZ.	PT	DISC.	Q(GPM)	DIA(IN)	LENGTH	PRESS.	SUM.
NODES	(FT)	(K)	(PSI)	(GPM)	VEL.(FPS)	HW(D)	F.L./FT	(FT)	(PSI)	(PSI)
Pipe: 1										
1		10.0	14.5	18.3	52.0	-62.0	1.049	PL 3.0	PF	7.9
2		10.0	0.0	25.7	0.0	23.0	120	FL 4.0	PE	0.0
		10.0	0.0	25.7	0.0		1.057	TL 7.0	PV	3.6
Pipe: 2										
2		10.0	0.0	25.7	0.0	-62.0	2.157	PL 25.0	PF	1.1
7		10.0	0.0	26.8	0.0	5.4	120	FL 10.0	PE	0.0
		10.0	0.0	26.8	0.0		0.032	TL 35.0	PV	0.2
Pipe: 3										
3		10.0	14.5	13.1	52.5	-52.5	1.049	PL 1.0	PF	4.7
4		10.0	0.0	17.8	0.0	19.5	120	FL 5.0	PE	0.0
		10.0	0.0	17.8	0.0		0.776	TL 6.0	PV	2.6
Pipe: 4										
4		10.0	0.0	17.8	0.0	-52.5	1.442	PL 12.0	PF	2.5
6		10.0	0.0	20.2	0.0	10.3	120	FL 3.0	PE	0.0
		10.0	0.0	20.2	0.0		0.165	TL 15.0	PV	0.7
Pipe: 5										
5		10.0	14.5	15.0	56.1	-56.1	1.049	PL 1.0	PF	5.3
6		10.0	0.0	20.2	0.0	20.8	120	FL 5.0	PE	0.0
		10.0	0.0	20.2	0.0		0.877	TL 6.0	PV	2.9
Pipe: 6										
6		10.0	0.0	20.2	0.0	-108.6	1.682	PL 10.0	PF	6.6
7		10.0	0.0	26.8	0.0	15.7	120	FL 12.0	PE	0.0
		10.0	0.0	26.8	0.0		0.299	TL 22.0	PV	1.7
Pipe: 7										
7		10.0	0.0	26.8	0.0	-170.7	2.157	PL 1.0	PF	2.3
8		10.0	0.0	29.1	0.0	15.0	120	FL 10.0	PE	0.0
		10.0	0.0	29.1	0.0		0.205	TL 11.0	PV	1.5
Pipe: 8										
8		10.0	0.0	29.1	0.0	-170.7	4.260	PL 10.0	PF	0.1
13		10.0	0.0	29.1	0.0	3.8	120	FL 0.0	PE	0.0
		10.0	0.0	29.1	0.0		0.007	TL 10.0	PV	0.1
Pipe: 9										
9		10.0	14.5	17.1	60.0	-60.0	1.049	PL 2.0	PF	8.9
10		10.0	0.0	26.1	0.0	22.3	120	FL 7.0	PE	0.0
		10.0	0.0	26.1	0.0		0.993	TL 9.0	PV	3.3
Pipe: 10										
10		10.0	0.0	26.1	0.0	-60.0	2.157	PL 20.0	PF	0.6
12		10.0	0.0	26.7	0.0	5.3	120	FL 0.0	PE	0.0
		10.0	0.0	26.7	0.0		0.030	TL 20.0	PV	0.2
Pipe: 11										
11		10.0	14.5	17.5	60.7	-60.7	1.049	PL 2.0	PF	9.1
12		10.0	0.0	26.7	0.0	22.5	120	FL 7.0	PE	0.0
		10.0	0.0	26.7	0.0		1.015	TL 9.0	PV	3.4
Pipe: 12										
12		10.0	0.0	26.7	0.0	-120.7	2.157	PL 8.0	PF	2.5
13		10.0	0.0	29.1	0.0	10.6	120	FL 15.0	PE	0.0
		10.0	0.0	29.1	0.0		0.108	TL 23.0	PV	0.8
Pipe: 13										
13		10.0	0.0	29.1	0.0	-291.4	4.260	PL 5.5	PF	0.1
16		10.0	0.0	29.3	0.0	6.6	120	FL 0.0	PE	0.0
		10.0	0.0	29.3	0.0		0.020	TL 5.5	PV	0.3

SPRINKLER SYSTEM HYDRAULIC ANALYSIS

Page 3

JOB TITLE: OUTBACK STEAK HOUSE

PIPE DATA (cont'd)

PIPE TAG	END	ELEV.	NOZ.	PT	DISC.	Q(GPM)	DIA(IN)	LENGTH	PRESS.	
	NODES	(FT)	(K)	(PSI)	(GPM)	VEL.(FPS)	HW(C)	(FT)	SUM.	
							F.L./FT		(PSI)	
Pipe: 14										
14		10.0	14.5	18.4	62.2	-62.2	1.049	PL 1.0	PF	6.4
15		10.0	0.0	24.7	0.0	23.1	120	FL 5.0	PE	0.0
							1.061	TL 6.0	PV	3.6
Pipe: 15										
15		10.0	0.0	24.7	0.0	-62.2	1.442	PL 11.0	PF	4.5
16		10.0	0.0	29.3	0.0	12.2	120	FL 9.0	PE	0.0
							0.225	TL 20.0	PV	1.0
Pipe: 16										
16		10.0	0.0	29.3	0.0	-353.5	4.260	PL 10.0	PF	0.9
27		10.0	0.0	30.1	0.0	8.0	120	FL 20.0	PE	0.0
							0.029	TL 30.0	PV	0.4
Pipe: 17										
17		10.0	14.5	11.7	49.6	-49.6	1.049	PL 2.0	PF	6.3
18		10.0	0.0	18.0	0.0	18.4	120	FL 7.0	PE	0.0
							0.698	TL 9.0	PV	2.3
Pipe: 18										
18		10.0	0.0	18.0	0.0	-49.6	1.442	PL 9.0	PF	1.3
20		10.0	0.0	19.3	0.0	9.7	120	FL 0.0	PE	0.0
							0.148	TL 9.0	PV	0.6
Pipe: 19										
19		10.0	14.5	12.1	50.5	-50.5	1.049	PL 3.0	PF	7.2
20		10.0	0.0	19.3	0.0	18.7	120	FL 7.0	PE	0.0
							0.721	TL 10.0	PV	2.4
Pipe: 20										
20		10.0	0.0	19.3	0.0	-100.1	1.682	PL 15.0	PF	3.9
22		10.0	0.0	23.2	0.0	14.4	120	FL 0.0	PE	0.0
							0.257	TL 15.0	PV	1.4
Pipe: 23										
23		10.0	14.5	16.7	59.3	-59.3	1.049	PL 2.0	PF	5.8
24		10.0	0.0	22.6	0.0	22.0	120	FL 4.0	PE	0.0
							0.973	TL 6.0	PV	3.3
Pipe: 24										
24		10.0	0.0	22.6	0.0	-59.3	1.442	PL 11.0	PF	3.5
25		10.0	0.0	26.1	0.0	11.7	120	FL 6.0	PE	0.0
							0.207	TL 17.0	PV	0.9
Pipe: 21										
21		10.0	14.5	20.4	65.6	-65.6	1.442	PL 2.0	PF	2.7
22		10.0	0.0	23.2	0.0	12.9	120	FL 9.0	PE	0.0
							0.248	TL 11.0	PV	1.1
Pipe: 22										
22		10.0	0.0	23.2	0.0	-165.6	2.157	PL 5.0	PF	2.9
25		10.0	0.0	26.1	0.0	14.5	120	FL 10.0	PE	0.0
							0.194	TL 15.0	PV	1.4
Pipe: 25										
25		10.0	0.0	26.1	0.0	-225.0	2.157	PL 1.0	PF	3.8
26		10.0	0.0	29.9	0.0	19.8	120	FL 10.0	PE	0.0
							0.342	TL 11.0	PV	2.6
Pipe: 26										
26		10.0	0.0	29.9	0.0	-225.0	4.260	PL 1.0	PF	0.3
27		10.0	0.0	30.1	0.0	5.1	120	FL 20.0	PE	0.0
							0.012	TL 21.0	PV	0.2

SPRINKLER SYSTEM HYDRAULIC ANALYSIS

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JOB TITLE: OUTBACK STEAK HOUSE

PIPE DATA (cont'd)

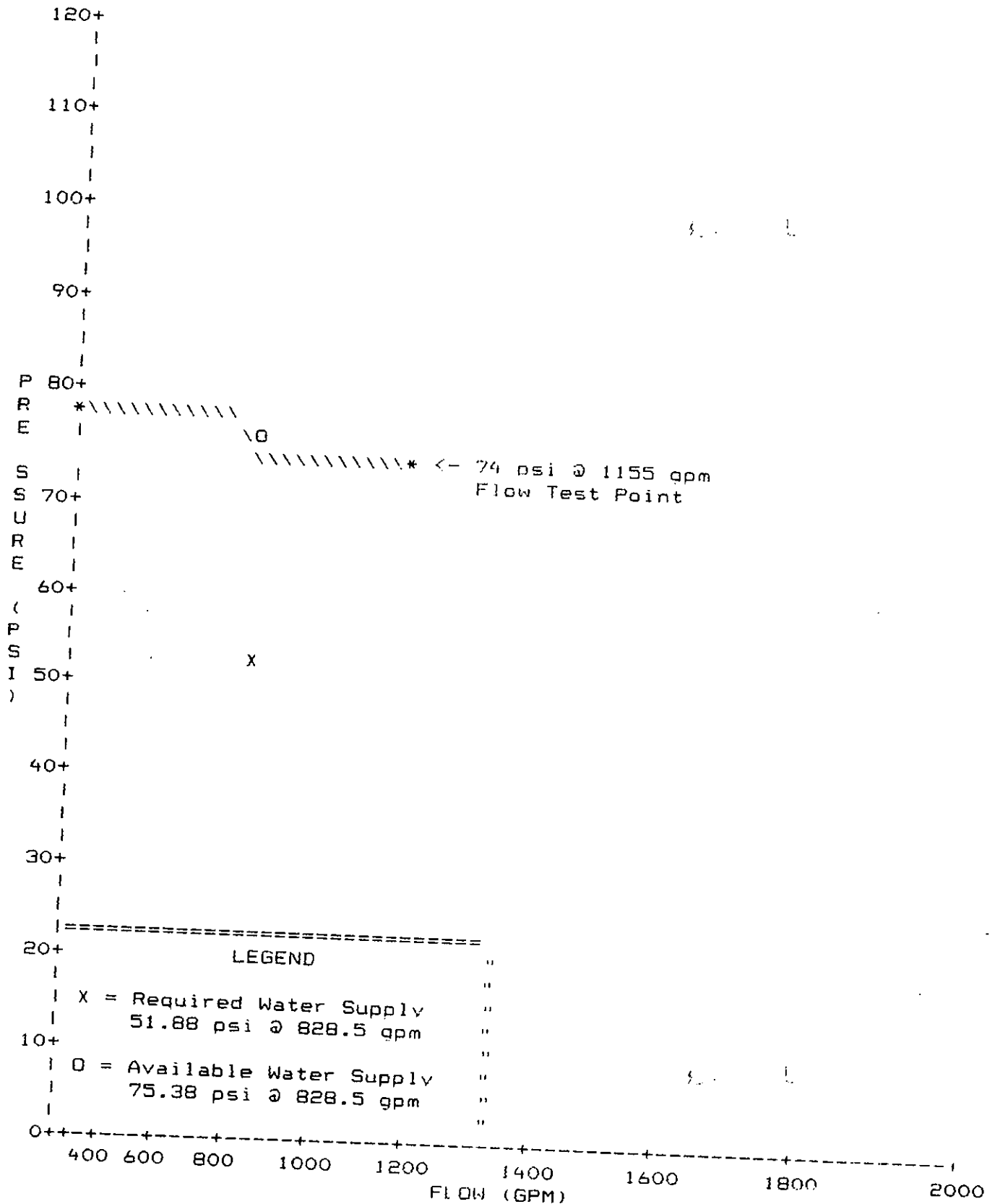
PIPE TAG	END	ELEV.	NOZ.	PT	DISC.	Q(GPM)	DIA(IN)	LENGTH	PRESS.
NODES	(FT)	(K)	(PSI)	(GPM)	VEL(FPS)	HW(D)	(FT)	SUM.	
						F.L./FT		(PSI)	
Pipe: 27					-578.5	4.260	PL 22.0	PI 3.0	
27	10.0	0.0	30.1	0.0	13.0	120	FL 20.0	PE 0.0	
28	10.0	0.0	33.1	0.0		0.071	TL 42.0	PV 1.1	
Pipe: 28					-578.5	4.260	PL 10.0	PF 3.2	
28	10.0	0.0	33.1	0.0	13.0	120	FL 35.0	PE 4.3	
29	0.0	0.0	40.7	0.0		0.071	TL 45.0	PV 1.1	
Pipe: 29					FIXED PRESSURE LOSS DEVICE				
29	0.0	0.0	40.7	0.0	-5.0 psi. 578.5 gpm				
30	0.0	0.0	45.7	0.0					
Pipe: 30					-578.5	6.249	PL 650.0	PF 6.2	
30	0.0	0.0	45.7	0.0	6.1	140	FL 100.0	PE 0.0	
SRC	0.0	SRCE	51.9	(N/A)		0.008	TL 750.0	PV 0.2	

SPRINKLER SYSTEM HYDRAULIC ANALYSIS

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JOB TITLE: OUTBACK STEAK HOUSE

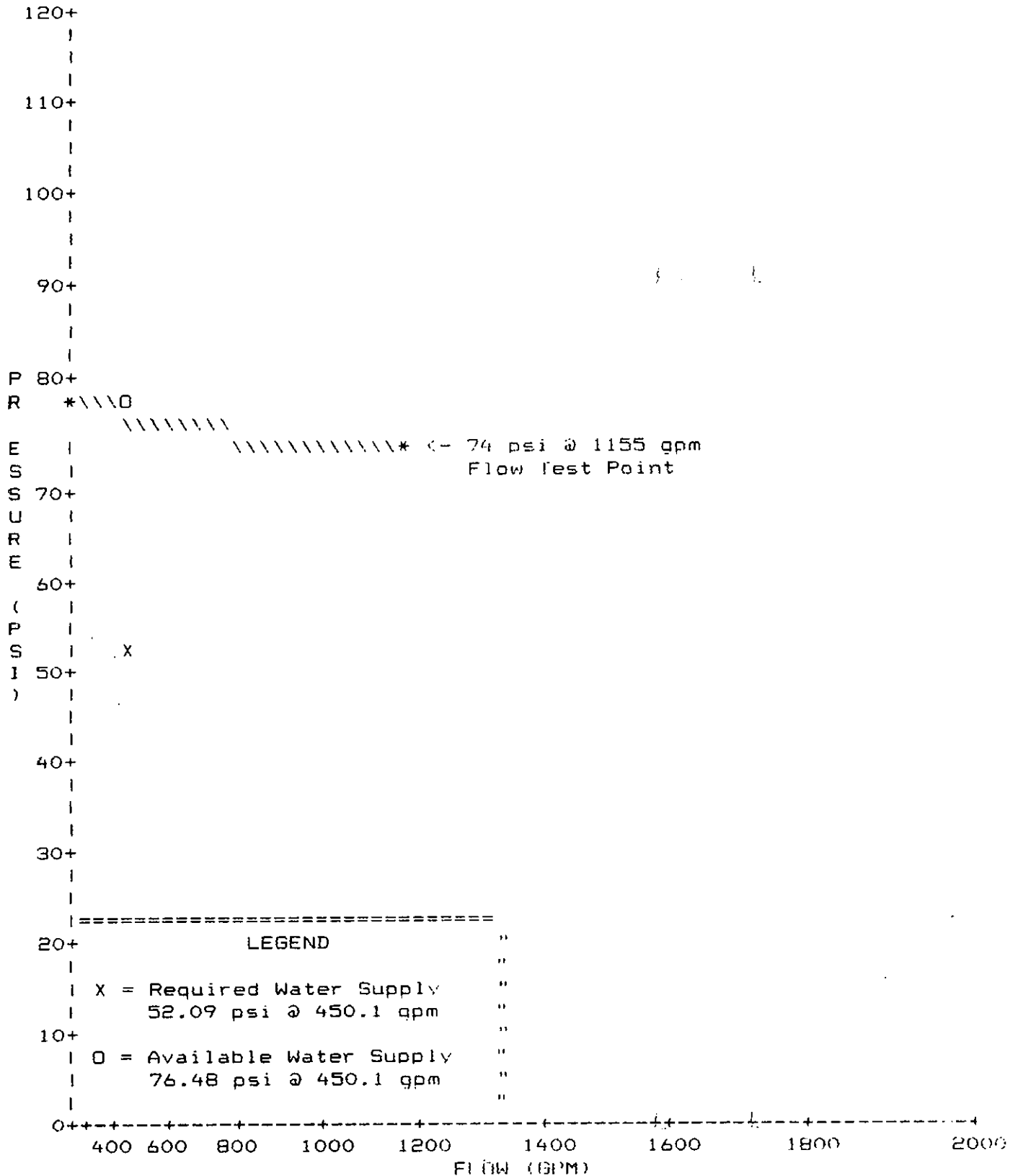
WATER SUPPLY CURVE



SPRINKLER SYSTEM HYDRAULIC ANALYSIS

JOB TITLE: OUTBACK STEAK HOUSE

WATER SUPPLY CURVE



K&E FIRE PROTECTION CORPORATION
14 PLAZA NINE
MANALAPAN, NEW JERSEY 07726

HYDRAULIC CALCULATIONS

FOR

AREA # 1
OUTBACK STEAKHOUSE
BRICK, NEW JERSEY

FILE NUMBER: OUTBACK.1R
08-09-1996

BRICK TOWNSHIP

Plan Review	Class	Date	By
Zoning	-DESIGN DATA-		
Plumbing			
OCCUPANCY CLASSIFICATION:			ORD. HAZARD
DENSITY: <i>Fire</i>		.15	gpm/sq. ft.
AREA OF APPLICATION: <i>Energy</i>		1500	sq. ft.
COVERAGE <i>Electrical</i> PER SPRINKLER:		400	sq. ft.
NUMBER OF SPRINKLERS CALCULATED:		10 heads	
TOTAL SPRINKLER WATER FLOW REQUIRED:		578.5	gpm
TOTAL WATER REQUIRED (including hose):		828.5	gpm
FLOW & PRESSURE (at base of riser):		828.5	gpm @ 51.9 psi
SPRINKLER ORIFICE SIZE:		.70	inch
NAME OF CONTRACTOR:	TIGER ASSOCIATES		
NAME OF DESIGNER:	K&E FIRE PROTECTION		
AUTHORITY HAVING JURISDICTION:	LOCAL OFFICIALS		

JM

JOB TITLE: OUTBACK STEAK HOUSE

PIPE DATA

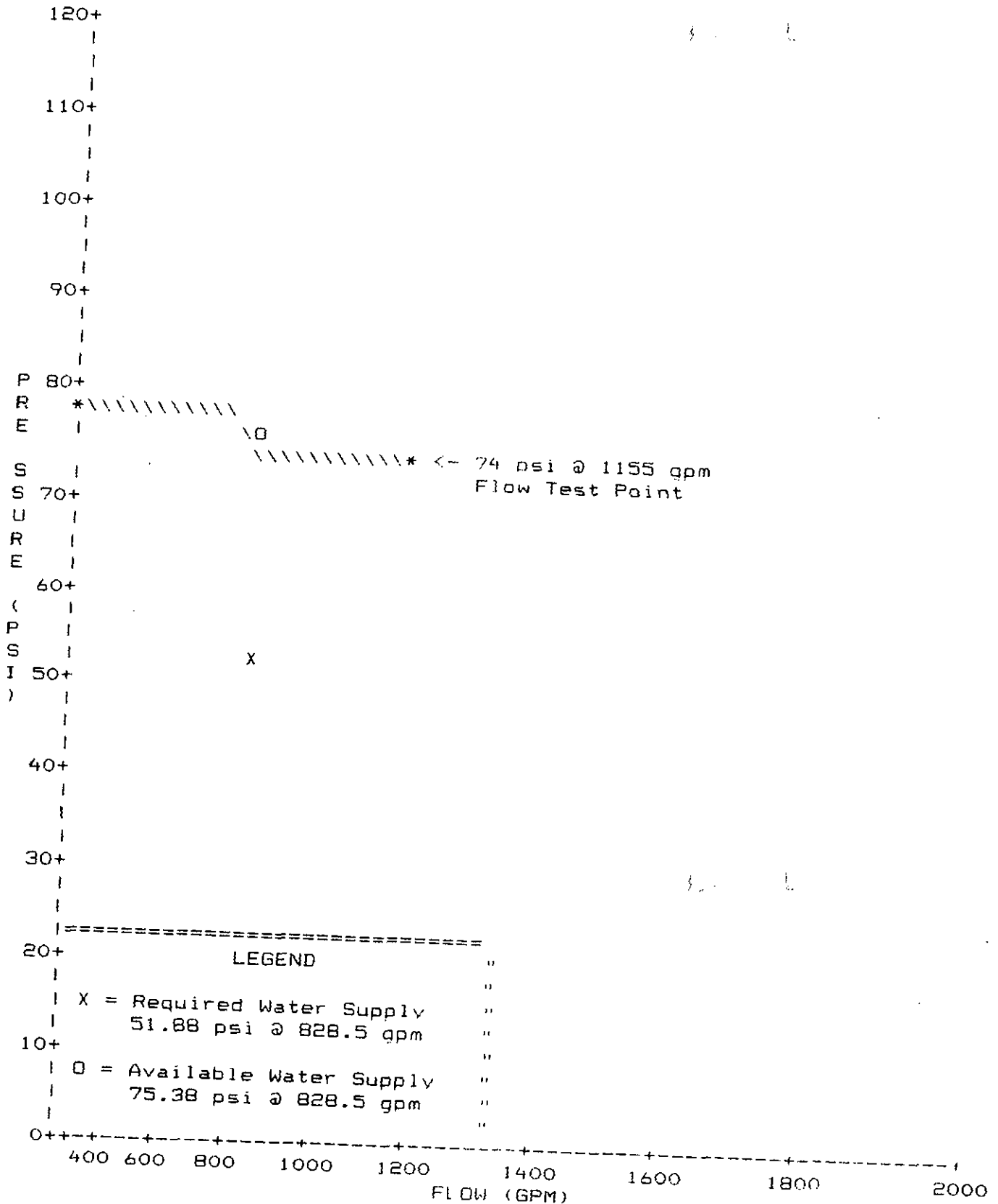
PIPE TAG		ELEV. (FT)	NOZ. (K)	PT (PSI)	DISC. (GPM)	Q(GPM)	DIA(IN)	LENGTH	PRESS.	
END NODES						VEL.(FPS)	HW(C) F.L./FT	(FT)	SUM.	(PSI)
1 2	Pipe: 1					-62.0	1.049	PL 3.0	PF	7.4
		10.0	14.5	18.3	62.0	23.0	120	FL 4.0	PE	0.0
		10.0	0.0	25.7	0.0		1.057	TL 7.0	PV	3.6
2 7	Pipe: 2					-62.0	2.157	PL 25.0	PF	1.1
		10.0	0.0	25.7	0.0	5.4	120	FL 10.0	PE	0.0
		10.0	0.0	26.8	0.0		0.032	TL 35.0	PV	0.2
3 4	Pipe: 3					-52.5	1.049	PL 1.0	PF	4.7
		10.0	14.5	13.1	52.5	19.5	120	FL 5.0	PE	0.0
		10.0	0.0	17.8	0.0		0.776	TL 6.0	PV	2.6
4 6	Pipe: 4					-52.5	1.442	PL 12.0	PF	2.5
		10.0	0.0	17.8	0.0	10.3	120	FL 3.0	PE	0.0
		10.0	0.0	20.2	0.0		0.165	TL 15.0	PV	0.7
5 6	Pipe: 5					-56.1	1.049	PL 1.0	PF	5.3
		10.0	14.5	15.0	56.1	20.8	120	FL 5.0	PE	0.0
		10.0	0.0	20.2	0.0		0.877	TL 6.0	PV	2.9
6 7	Pipe: 6					-108.6	1.682	PL 10.0	PF	6.6
		10.0	0.0	20.2	0.0	15.7	120	FL 12.0	PE	0.0
		10.0	0.0	26.8	0.0		0.299	TL 22.0	PV	1.7
7 8	Pipe: 7					-170.7	2.157	PL 1.0	PF	2.3
		10.0	0.0	26.8	0.0	15.0	120	FL 10.0	PE	0.0
		10.0	0.0	29.1	0.0		0.205	TL 11.0	PV	1.5
8 13	Pipe: 8					-170.7	4.260	PL 10.0	PF	0.1
		10.0	0.0	29.1	0.0	3.8	120	FL 0.0	PE	0.0
		10.0	0.0	29.1	0.0		0.007	TL 10.0	PV	0.1
9 10	Pipe: 9					-60.0	1.049	PL 2.0	PF	8.7
		10.0	14.5	17.1	60.0	22.3	120	FL 7.0	PE	0.0
		10.0	0.0	26.1	0.0		0.993	TL 9.0	PV	3.3
10 12	Pipe: 10					-60.0	2.157	PL 20.0	PF	0.6
		10.0	0.0	26.1	0.0	5.3	120	FL 0.0	PE	0.0
		10.0	0.0	26.7	0.0		0.030	TL 20.0	PV	0.2
11 12	Pipe: 11					-60.7	1.049	PL 2.0	PF	9.1
		10.0	14.5	17.5	60.7	22.5	120	FL 7.0	PE	0.0
		10.0	0.0	26.7	0.0		1.015	TL 9.0	PV	3.4
12 13	Pipe: 12					-120.7	2.157	PL 8.0	PF	2.5
		10.0	0.0	26.7	0.0	10.6	120	FL 15.0	PE	0.0
		10.0	0.0	29.1	0.0		0.108	TL 23.0	PV	0.8
13 16	Pipe: 13					-291.4	4.260	PL 5.5	PF	0.1
		10.0	0.0	29.1	0.0	6.6	120	FL 0.0	PE	0.0
		10.0	0.0	29.3	0.0		0.020	TL 5.5	PV	0.3

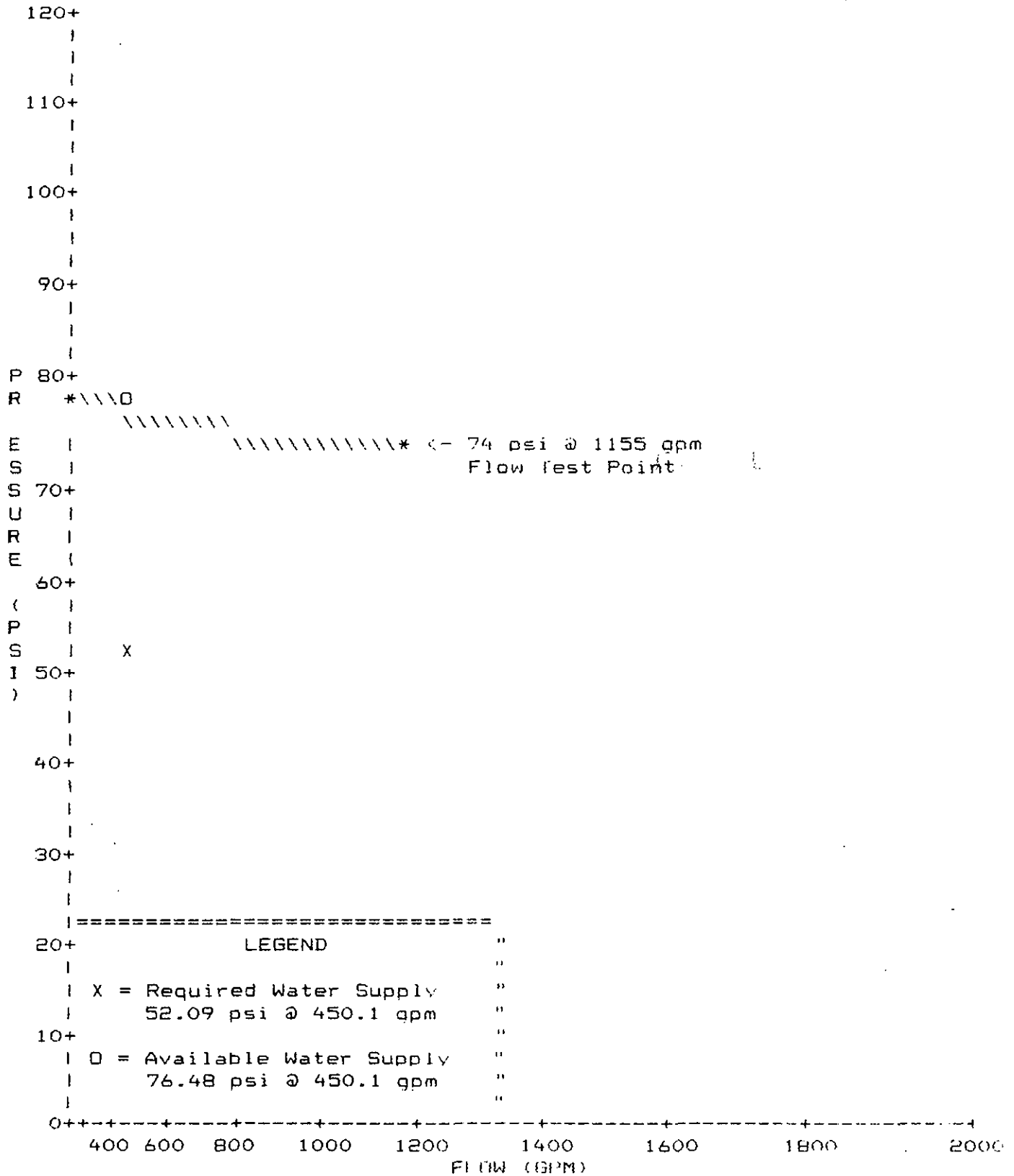
SPRINKLER SYSTEM HYDRAULIC ANALYSIS

Page 5

JOB TITLE: OUTBACK STEAK HOUSE

WATER SUPPLY CURVE





K&E FIRE PROTECTION CORP.
14 Plaza Nine
MANALAPAN, NEW JERSEY 07726

LETTER OF TRANSMITTAL

(908) 303-1717 • Fax (908) 780-6310

KEVIN C. BATZEL (BUREAU CHIEF)
500 HERBERTSVILLE RD
BRICK N.J.

DATE	8-9-96	JOB NO.
ATTENTION		
RE: OUTBACK STEAK HOUSE		
HOOVER AV		
BRICK TOWN N.J. 08723		

WE ARE SENDING YOU ☐ Attached ☐ Under separate cover via _____ the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION
5	8-9-96	SP-1	REVISED LAY-OUT
2	" "	SET-1	REVISED CALCS
2	" "	SET-2	REVISED CALCS

File

670 Lt 4

#2025-96

THESE ARE TRANSMITTED as checked below:

☐ For approval	☐ Approved as submitted	☐ Resubmit _____ copies for approval
☐ For your use	☐ Approved as noted	☐ Submit _____ copies for distribution
☐ As requested	☐ Returned for corrections	☐ Return _____ corrected prints
☐ For review and comment	☐ _____	
☐ FOR BIDS DUE _____ 19 _____ ☐ PRINTS RETURNED AFTER LOAN TO US		

REMARKS _____

BRICK TOWNSHIP

Plan Review	Class	Date	By
Zoning	_____	_____	_____
Plumbing	_____	_____	_____
Building	_____	_____	_____
Fire	_____	8/12/96	_____
Energy	_____	_____	_____
Electrical	_____	_____	_____

COPY TO _____

SIGNED: Kevin C. Batzel

If enclosures are not as noted, kindly notify us at once.

Members

Gary Casperson, *Chairman*
Walter F. Rehak, *Vice Chairman*
Robert Singer, *Secretary-Treasurer*
Leon Dwulet, M.D.
Barbara Hierung
Robert S. Laureigh
John J. Mallon
Patricia Seeber
Warren Wolf
James F. Lacey, *Freeholder Liaison*
Seymour J. Kagan, *Counsel*



OCEAN COUNTY HEALTH DEPARTMENT

P.O. Box 2191
Toms River, NJ 08754-2191
(908) 341-9700

Joseph J. Przywara
Acting Public Health Coordinator

July 9, 1996

Mr. Jon W. Sammer, AIA
S/A Architecture, P.C.
3921 Old Lee Highway
Suite 72-B
Fairfax, Virginia 22030

Re: Outback Steakhouse
Kennedy Mall - Block 670
Lots 4, 5, 8, 23 & 25
Brick, New Jersey

Dear Mr. Sammer:

Please be advised that the blueprints submitted to this department for the above stated have been reviewed under Chapter XII, The State Sanitary Code of New Jersey.

The concept is rated "Satisfactory" with the following stipulations:

1. Sinks depicted at both the waitress stations and salad drier area shall be hand sinks.
2. This department shall be notified at least 48 hours prior to the intended opening date for a pre-operational inspection and rating.

If you have any questions, please feel free to contact me.

Yours truly,


Joseph A. Gallos
Principal Sanitary Inspector

JAG:cp

cc - Brick Town Construction Official
Brick Town Plumbing Official
Brick Town Board of Health



OCEAN COUNTY HEALTH DEPARTMENT

No: _____

SANITARY INSPECTION REPORT

BLK 670 Lot 4,5,8,23-25 ESTABLISHMENT INFORMATION				
PHONE # TEMP. 703-59A-0747		ESTABLISHMENT CODE 22		GOODS ☐ DESTROYED ☐ EMBARGOED
ESTABLISHMENT TRADING NAME OUTBACK STEAKHOUSE		EVALUATION ☒ SATISFACTORY ☐ CONDITIONALLY SATISFACTORY ☐ UNSATISFACTORY		
NUMBER AND STREET Hooper Avenue		WATER SUPPLY ☒ Public - Community ☐ Individual (Public - Non-Community)		
CITY OR MUNICIPALITY BRICK	ZIP CODE 08723	COMMUN. CODE 1506	RISK I	
ESTABLISHMENT LICENSE NO. To be obtained				
OWNER INFORMATION (Complete this section only if different from establishment information)		TIME (2400 HOURS)		
NAME OF OWNER(S), CORPORATION OR REGISTERED AGENT OUTBACK STEAKHOUSE		DATE 7/5/96	BEGIN 0840	END 0950
NUMBER AND STREET 550N RHO STREET				
CITY OR MUNICIPALITY Tampa		STATE FL	COMPLAINT NO. _____	
ZIP CODE 33609	COMMUN. CODE —	COMPLAINT REC. _____		
INSPECTION TYPE ☐ COMPLAINT ☐ INITIAL INSPECTION ☐ REINSPECTION ☒ PLAN REVIEW ☐ CONFERENCE		TYPE OF ESTABLISHMENT ☒ RETAIL ☐ WHOLESALE ☐ VENDING MACHINE NO. OF MACHINES ☐ FROZEN DESSERTS ☐ OTHER		COMPLAINT INSPECTED _____
		Herbert W. Roeschke Health Officer Sunset Avenue P.O. Box 2191 Toms River, N.J. 08754-2191 Telephone No. 908-341-9700 ext 7469		
		NAME OF INSPECTING OFFICIAL (Print) STEPHEN KLAMIECKI		
		SIGNATURE OF INSPECTING OFFICIAL <i>Stephen Klamiecki</i>	PERMANENT REG. NO. B-1463	

DETAILED DATA SHEET

[illegible]

H.D. 87

Page

of

Pages

BOCA® PLAN REVIEW RECORD

Valuation: _____
Fee: _____

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

Plan Review # _____
Date _____

JURISDICTION Buck Town
(City, County, Township, etc.)

BUILDING LOCATION Hooper Ave
(Street address)

BUILDING DESCRIPTION Out Back

REVIEWED BY _____

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

CORRECTION LIST

No.	DESCRIPTION	Code Section
	1. EXIT Door. must have Panic Device.	
	occupancy 100 or more	
	2. Mechanical Hood Syst. must be VJ-300	
	3. Need Hydraulic Calculation Sprinkler Syst	
	4. Need Capit. Smoke & Alarm Spread Certificate	
	5. Need Fire Tech Card filled out with appl.	

The plan review accomplished as indicated in this record is limited to those code sections specifically identified herein. Copyright, 1987, Building Officials and Code Administrators International, Inc. Reproduction by any means is prohibited. BOCA® is a trademark of Building Officials and Code Administrators International, Inc., and is registered in the U.S. Patent and Trademark Office. NOTE: In order that we might develop other programs and provide additional services of benefit to the Code Administration profession, please re-order additional copies of this form from:



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



GREASE MASTER™
A Division of Custom Industries, Inc.

July 24, 1996

S A Architects
Fairfax VA

Attention: Jon Sammer

Re: Outback Steakhouse
Brick NJ

Dear Jon:

This is to confirm that the Ansul fire extinguishing system that will be installed in the kitchen hoods will conform to the new U.L. 300 standards.

Should you require any other information, please do not hesitate to contact us.

Very truly yours,

Arnold Bolahan
Chief Engineer

AB:jg



RECEIVED

Township of Brick

NOV 06 1996

DIV. OF INSPECTION

401 Chambers Bridge Road, Brick, N.J. 08723 (201) 477-3000

Office of
Division of Inspections

UNIFORM CONSTRUCTION CODE
Chapter 23, Title 5

Approval of Part
5.23-2.16 (g)

OWNER/AGENT

WM L. Griffith Company

ADDRESS

2770 Hooper Avenue

TOWN

Brick

NJ

ZIP

08723

BLOCK

670

LOT

4

OUTBACK



FOOTING.



FOUNDATION



OTHER

OWNER/AGENT PROCEED AT OWN RISK



OWNER/AGENT

WM L. Griffith - Kevin McDonough

BUILDING SUB-CODE OFFICIAL

CONSTRUCTION OFFICIAL



Date. 8-6-96

Subject: OUTBACK STEAK HOUSE

Block 670 Lot 4

Kevin W. McLaughlin 8-6-96
Applicant Date

Building Inspector _____ Date _____
Building Department _____

SIZING FOR WATER AND SEWER SERVICES

Property Owner Outback Date 8-7-96
 Property Address 2700 Hooper Ave Block 670 Lot 4
 Zoning _____ Use Group _____
 Contractor _____ License No. Registration _____
 Water Main Size _____ Water Pressure _____ Sewer Main Size _____

Plumbing Fixtures	Number	(sfu)	Water Units	(dfu)	Drainage Units
1. Water Closet	<u>9</u>	()	<u>45</u>	()	
2. Lavatory	<u>7</u>	()	<u>14</u>	()	
3. Bath Tub		()		()	
4. Shower Stall		()		()	
5. Kitchen Sink	<u>11</u>	()	<u>47</u>	()	
6. Service Sink	<u>1</u>	()	<u>3</u>	()	
7. Laundry Tray		()		()	
8. Dishwasher	<u>1</u>	()	<u>6</u>	()	
9. Washing Machine		()		()	
10. Urinal	<u>2</u>	()	<u>10</u>	()	
11. Floor Drain		()		()	
12. Drinking Fountain	<u>1</u>	()	<u>.5</u>	()	
13. Air Conditioner (water cooled)		()		()	
14. Dental Unit		()		()	
15. Lawn Sprinkler No. of Heads		()		()	
16. Fire Sprinkler No. of Heads		()		()	
17. <u>Ice</u>	<u>1</u>	()	<u>.5</u>	()	
18. _____		()		()	

Total 126
 Gallons per minute 52.5
 Size of Service 2"

Date: 8-7-96 Approved: Daniel Newman
 Brick Township Plumbing Inspector

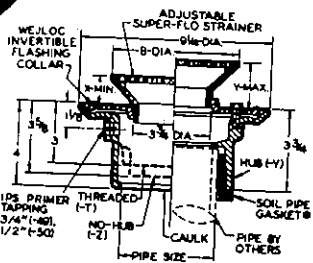
FLOOR DRAINS

JOSAM
FLOOR DRAINS

30000-A Series



FOR OUTLET TYPE,
SPECIFY -Z, -Y, -X or -T.



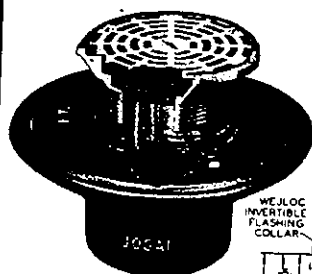
CONFORMS WITH ASTM-C564.

SPECIFICATION: JOSAM 30000-A Series coated cast iron Floor Drain, two-piece body with double drainage flange, WEJLOC® invertible non-puncturing flashing collar, weepholes, bottom outlet and adjustable satin Nikaloy round SUPER-FLO strainer.

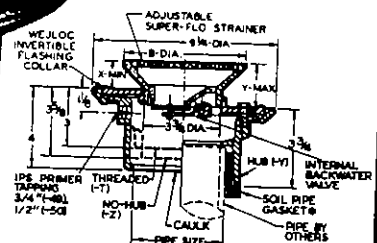
BODY W/SUPER-FLO® STRAINER

SERIES NO.			TYPE NO.		PIPE OUTLET SIZE	STRAINER SIZE	LIST PRICE: CAST IRON BODY WITH	
					5/8"		-2 S.F. Nikaloy Top	-2 S.F. Bronze Top
30000-A	30002	3, 4-5A	2, 3, 4	5	\$58.20	\$55.30		
	30002	3, 4-6A	2, 3, 4	6	\$71.10	\$68.10		
	30002	3, 4-7A	2, 3, 4	7	\$82.40	\$77.80		
	30002	3, 4-8A	2, 3, 4	8	\$103.60	\$97.20		
FOR OPTIONS ADD				-2 Satin Finish Bronze Top	ABOVE			
				-17 Secured Grate, Vandal-Proof Screws	\$ 6.80			
				-31 Cast Iron Flashing Collar	5.00			
				-49 3/4" Primer Tap	18.30			
				-50 1/2" Primer Tap	18.30			
				-66 No-Hub Side Outlet, 2", 3", 4"	41.30			
				-80 Perforated Stainless Steel Basket	25.20			
				-91 Rough Bronze Body	146.60			
				-92 Galvanized Cast Iron Parts	20.50			
				-T Threaded Outlet	9.50			
				-X Inside Caulk Outlet	N/C			
				-Y Hub Outlet w/Gasket	9.50			
				-Z No-Hub Spigot Outlet	N/C			
ADJUSTABLE STRAINER								
TYPE NO.		PIPE SIZE	TYPE NO.	B	ADJUSTMENT		FREE AREA	LBS.
30002		2	5A	5	3/4"	2-1/8"	7.8	12
30003		3	6A	6	1-1/8"	2-3/8"	11.0	13
30004		4	7A	7	1-1/8"	2-7/8"	13.2	14
30004		4	8A	8	1-5/8"	2-5/8"	16.2	15

30000-AJ Series



FOR OUTLET TYPE,
SPECIFY -Z, -Y, -X or -T.



CONFORMS WITH ASTM-C564.

SPECIFICATION: JOSAM 30000-AJ Series coated cast iron Floor Drain, two-piece body with double drainage flange, WEJLOC invertible non-puncturing flashing collar, weepholes, bottom outlet and adjustable satin Nikaloy round SUPER-FLO strainer with internal bronze backwater valve.

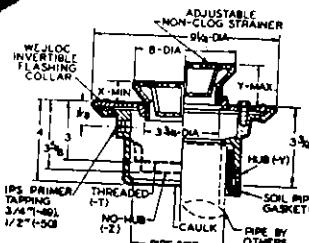
BODY W/SUPER-FLO STRAINER & BWV

SERIES NO.				LIST PRICE: CAST IRON BODY WITH		
TYPE NO.		PIPE OUTLET SIZE	STRAINER SIZE	-2 S.F. Nikaloy Top	-2 S.F. Bronze Top	
30000-AJ	30002 3, 4-5AJ	2, 3, 4	5	\$103.90	\$101.00	
	30002 3, 4-6AJ	2, 3, 4	6	116.80	109.80	
	30002 3, 4-7AJ	2, 3, 4	7	128.10	123.50	
FOR OPTIONS ADD	-2 Satin Finish Bronze Top			ABOVE		
	-17 Secured Grate, Vandal-Proof Screws			\$ 6.80		
	-31 Cast Iron Flashing Collar			5.00		
	-49 3/4" Primer Tap			18.30		
	-50 1/2" Primer Tap			18.30		
	-66 No-Hub Side Outlet, 2", 3", 4"			41.30		
	-91 Rough Bronze Body			146.60		
	-92 Galvanized Cast Iron Parts			20.50		
	-T Threaded Outlet			9.50		
	-X Inside Caulk Outlet			N/C		
	-Y Hub Outlet w/Gasket			9.50		
	-Z No-Hub Spigot Outlet			N/C		
ADJUSTABLE STRAINER						
TYPE NO.	PIPE SIZE	TYPE NO.	ADJUSTMENT		FREE AREA	LBS.
30002	2	5AJ	3/4"	Y	7.8	13
30003	3	6AJ	1-1/8"	Y	11.0	14
30004	4	7AJ	1-1/8"	Y	13.2	15
STRAINER WITH BODY						

30000-C Series



FOR OUTLET TYPE,
SPECIFY -Z, -Y, -X or -T.



CONFORMS WITH ASTM-C564.

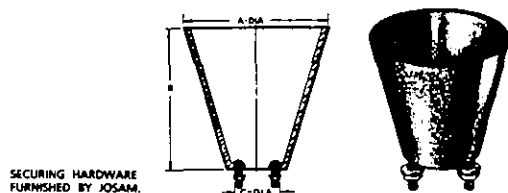
SPECIFICATION: JOSAM 30000-C Series coated cast iron Floor Drain, two-piece body with double drainage flange, WEJLOC invertible non-puncturing flashing collar, weepholes, bottom outlet and adjustable satin Nikaloy round strainer with sediment bucket.

BODY W/NON-CLOG STRAINER & BUCKET

SERIES NO.				TYPE NO.		PIPE OUTLET SIZE		STRAINER SIZE		LIST PRICE: CAST IRON BODY WITH		
										-2 S.F. Nikaloy Top		
										-2 S.F. Bronze Top		
30000				30002 3, 4-5C		2, 3, 4		5		\$83.40		
-C										\$80.50		
FOR OPTIONS ADD				-2 Satin Finish Bronze Top								ABOVE
				-17 Secured Grate, Vandal-Proof Screws								\$ 6.80
				-31 Cast Iron Flashing Collar								5.00
				-49 3/4" Primer Tap								18.30
				-50 1/2" Primer Tap								18.30
				-66 No-Hub Side Outlet, 2", 3", 4"								41.30
				-91 Rough Bronze Body								146.60
				-92 Galvanized Cast Iron Parts								20.50
				-T Threaded Outlet								9.50
				-X Inside Caulk Outlet								N/C
				-Y Hub Outlet w/Gasket								9.50
				-Z No-Hub Spigot Outlet								N/C
ADJUSTABLE STRAINER												
TYPE NO.		PIPE SIZE		TYPE NO.		ADJUSTMENT		FREE AREA		LBS.		
30002		2"		5C		3/4"		7.8		13		
30003		3"		6C		1-1/8"		11.0		14		
30004		4"		7C		1-1/8"		13.2		15		
STRAINER WITH BODY												

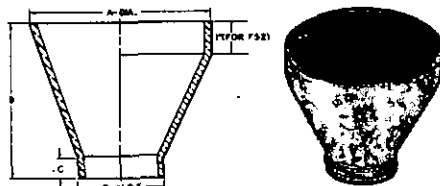
SHADING INDICATES CUSTOMER PREFERRED PRODUCT. Popular sizes and options are pre-packaged and readily available.

Round Funnel Assemblies Series F4 & F6



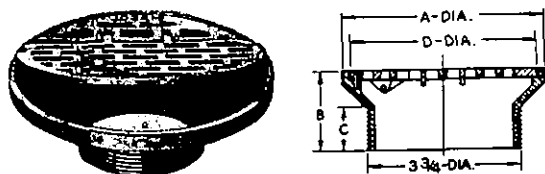
SERIES NO.	TOP SIZE	S.F. Nikaloy	-2 S.F. Bronze	-92 Galv. Cast Iron	-93 Cast Iron
F4	5	\$51.30	\$43.80	\$27.80	\$23.40
F6	6	\$51.30	\$43.80	\$27.80	\$23.40
FOR OPTIONS ADD		-2 Satin Finish Bronze Top -92 Galvanized Cast Iron Parts -93 All Cast Iron	ABOVE ABOVE ABOVE		
TYPE NO.	A	B	C	D	LBS.
F4	5	4-3/8	1/2	2	2
F6	6	5-1/8	1/2	3	3

Round Funnels Series F52 & F53



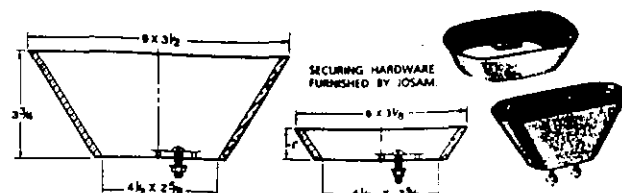
SERIES NO.	PIPE SIZE	LIST PRICE			
		Cast Iron	-1 S.F. Nikaloy		-92 Galv. Cast Iron
F52	2	\$39.70	\$119.60		\$55.30
	3	53.30	125.60		72.70
FOR OPTIONS ADD	-1	Satin Finish Nikaloy Top ABOVE			
	-13	Dome Supplementary Strainer, Cast Iron \$ 6.80			
	-13-5	Dome Supplementary Strainer, Rough Nikaloy 15.80			
	-13-6	Dome Supplementary Strainer, Rough Bronze 13.80			
	-13-92	Dome Supplementary Strainer, Galv. C. I. 9.20			
	-92	Galvanized Cast Iron Parts ABOVE			
TYPE NO.	A	B	C	D	LBS.
F52	5	4-3/8	1/2	2	2
F53	5	6	1-1/4	3	4

Round Strainer W/Secured Hinged Grate Series H



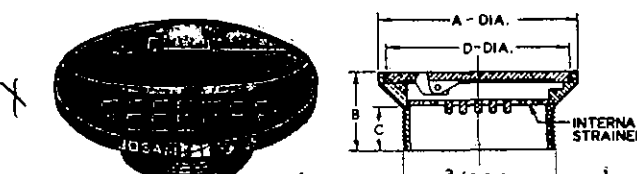
SERIES NO.	TOP SIZE	LIST PRICE				
		S.F. Nikaloy Top	-2 S.F. Bronze Top			
H	5	\$ 68.70	\$64.00			
	6	75.70	68.70			
	7	93.70	89.10			
	8	105.60	96.10			
FOR OPTIONS ADD	-2	Satin Finish Bronze Top	ABOVE			
	-17	Secured Grate, Vandal-Proof Screws	\$6.80			
TYPE NO.	A	B	C	D	FREE AREA	LBS.
5H	5	2	1-1/8	4-5/8	6.0	2
6H	6	2-1/4	1-1/8	5-1/4	7.8	3
7H	7	2-1/8	1	6-1/2	12.2	4
8H	8	2-1/2	1	7-1/8	16.1	5

Oval Funnel Assemblies Series F8 & F9



SERIES NO.	TOP SIZE	S.F. Nikaloy	-2 S.F. Bronze	-92 Galv. Cast Iron	-93 Cast Iron
F8	6 x 3-1/8	\$ 51.50	\$43.80	\$27.80	\$23.40
F9	9 x 3-1/2	\$106.80	\$99.10	\$58.30	\$51.50
FOR OPTIONS ADD		-2 Satin Finish Bronze Top -92 Galvanized Cast Iron Parts -93 All Cast Iron	ABOVE ABOVE ABOVE		
TYPE NO.	LBS.	TYPE NO.	LBS.		
F8	1	F9	4		

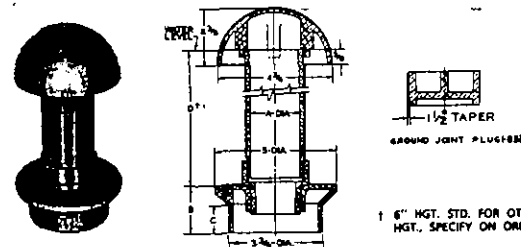
Round Strainer W/Solid Hinged Cover Series G



cover for drain by garbage can dumpsters washer

SERIES NO.	TOP SIZE	LIST PRICE				
G	5	S.F. Nikaloy Top \$ 82.40	-2 S.F. Bronze Top \$ 75.50			
	6	93.90	80.10			
	7	146.20	128.00			
	8	148.50	134.70			
	FOR OPTIONS ADD	-2 Satin Finish Bronze Top -17 Secured Cover, Vandal-Proof Screws ABOVE \$6.80				
TYPE NO.	A	B	C	D	FREE AREA	LBS.
5G	5	2	1-1/8	4-5/8	4.1	3
6G	6	2-1/4	15/16	5-1/4	4.5	4
7G	7	3-1/4	2	6-1/2	5.7	7
8G	8	3-1/4	1-1/8	7-1/8	7.8	8

Round Overflow Standpipe W/Dome Series M



SERIES NO.	STANDPIPE DIAMETER	C.P. w/6" Standpipe	-2 S.F. Bronze w/6" Standpipe	Add For Each Add'l. 1" of Standpipe	Chrome Plated	-2 Bronze
M	2	\$215.00	\$178.40	\$16.00	\$11.50	\$11.50
	3	\$274.50	\$251.70	\$22.90	\$20.50	\$20.50
FOR OPTIONS ADD		-24 Less Dome, 2" DEDUCT \$36.20 -65 Ground Joint Plug DEDUCT 43.70				
TYPE NO.	A	B	C	D	LBS.	
2M	2	2	1-1/8	6	8	
3M	3	3-3/4	1-3/8	6	10	

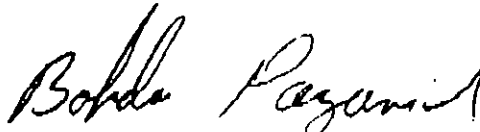
SHADING INDICATES CUSTOMER PREFERRED PRODUCT. Popular sizes and options are pre-packaged and readily available.

Griffith & Company
Outback Steakhouse; Brick Township, NJ
August 12, 1996 - LJC Ref. No. 8406.B1/B7
PAGE 2

Should you need further assistance, please do not hesitate to contact us.

Very truly yours,

LIPPINCOTT, JACOBS & GOUDA



Bohdan Pazuniak, P.E.
Chief Geotechnical Engineer

bp/mag/mk

cc: Dena Zechella; Outback Steakhouse (fax)

Lippincott Engineering Associates, Inc. T/A

**LIPPINCOTT
JACOBS & GOUDA**

Consulting Engineers

FAX (703) 318-8770

August 12, 1996

Griffith & Company
2721-D Merrilee Drive
Fairfax, Virginia 22031

Attention: Mr. Kevin McDonough

Re: Site Visit Memorandum
Outback Steakhouse Construction
Brick Township, Ocean County, NJ
LJG Ref. No. 8406.B1/B7

BLK - 670
LOT - 4, 5, 8, 23, 25
Received
8/26/96

Gentlemen:

In accordance with the request of Mr. Kevin McDonough of Griffith & Company (GAC), a site visit and construction inspection was completed by Mr. Bohdan Pazuniak, P.E. of Lippincott, Jacobs & Gouda (LJG) on August 9, 1996.

The purpose of the site visit was to evaluate the soil subgrade along the No. 1 building line along the southern edge of the building. Buried municipal waste had been encountered along the rear of this footing line and was over-excavated to a depth of up to seven feet below the floor subgrade. The bottom of the over-excavation bottom was approximately 7.5 feet wider than the proposed foundation width. The resulting subgrade was probed and examined by the LJG geotechnical engineer and was determined to be adequate for the proposed (3,000 psf) foundation load.

The contractor was told that the two remediation alternatives for the site are to backfill the over-excavation with structural fill up to proposed foundation elevation, or fill in the over-excavation with lean concrete and possibly lower the foundation level. The contractor stated that he will follow the latter recommendation due to time constraints associated with the weather.

The contractor was instructed that it is essential that the backfill surrounding the foundation be backfilled with thin (6" - 8") lifts of clean, structural fill under engineering control. The contractor said that he will call LJG at that time.

K&E FIRE PROTECTION CORPORATION
14 PLAZA NINE
MANALAPAN, NEW JERSEY 07726

HYDRAULIC CALCULATIONS

FOR

AREA # 1
OUTBACK STEAKHOUSE
BRICK TOWN, NJ

FILE NUMBER: OUTBACK.1
08-08-1996

-DESIGN DATA-

OCCUPANCY CLASSIFICATION:	ORD. HAZARD
DENSITY:	.20 gpm/sq. ft.
AREA OF APPLICATION:	1500 sq. ft.
COVERAGE PER SPRINKLER:	400 sq. ft.
NUMBER OF SPRINKLERS CALCULATED:	10 heads
TOTAL SPRINKLER WATER FLOW REQUIRED:	708.3 gpm
TOTAL WATER REQUIRED (including hose):	958.3 gpm
FLOW & PRESSURE (at base of riser):	958.3 gpm @ 68.3 psi
SPRINKLER ORIFICE SIZE:	.70 inch
NAME OF CONTRACTOR:	TIGER ASSOCIATES
NAME OF DESIGNER:	K&E FIRE PROTECTION
AUTHORITY HAVING JURISDICTION:	LOCAL OFFICIALS



SPRINKLER SYSTEM HYDRAULIC ANALYSIS

Page 1

Date: 08-02

OUTBACK.1

JOB TITLE: OUTBACK STEAK HOUSE

WATER SUPPLY DATA

SOURCE NODE TAG	STATIC PRESS. (PSI)	RESID. PRESS. (PSI)	FLOW Q (GPM)	AVAIL. PRESS. (PSI)	TOTAL DEMAND (GPM)	REQ'D PRESS. (PSI)
SRC	77.0	74.0	1155.0	74.9	958.3	68.3

AGGREGATE FLOW ANALYSIS:

TOTAL FLOW AT SOURCE	958.3 GPM
TOTAL HOSE STREAM ALLOWANCE AT SOURCE	250.0 GPM
OTHER HOSE STREAM ALLOWANCES	0.0 GPM
TOTAL DISCHARGE FROM ACTIVE SPRINKLERS	708.3 GPM

NODE ANALYSIS DATA

NODE TAG	ELEVATION (FT)	NODE TYPE	PRESSURE (PSI)	DISCHARGE (GPM)
1	10.0	K=14.50	28.3	77.2
2	10.0	- - - -	33.3	- - -
3	10.0	K=14.50	18.1	61.7
4	10.0	- - - -	20.0	- - -
5	10.0	K=14.50	21.8	67.8
6	10.0	- - - -	24.1	- - -
7	10.0	- - - -	35.4	- - -
8	10.0	- - - -	39.3	- - -
9	10.0	K=14.50	28.7	77.7
10	10.0	- - - -	33.3	- - -
11	10.0	K=14.50	29.7	79.0
12	10.0	- - - -	34.5	- - -
13	10.0	- - - -	39.4	- - -
14	10.0	K=14.50	28.4	77.2
15	10.0	- - - -	31.3	- - -
16	10.0	- - - -	39.6	- - -
17	10.0	K=14.50	17.1	60.0
18	10.0	- - - -	20.0	- - -
19	10.0	K=14.50	18.7	62.6
20	10.0	- - - -	22.3	- - -
23	10.0	K=14.50	24.9	72.4
24	10.0	- - - -	27.9	- - -
21	10.0	K=14.50	25.2	72.8
22	10.0	- - - -	29.3	- - -
25	10.0	- - - -	34.2	- - -
26	10.0	- - - -	40.5	- - -
27	10.0	- - - -	40.9	- - -
28	10.0	- - - -	45.3	- - -
29	0.0	- - - -	54.3	- - -
30	0.0	- - - -	59.3	- - -
SRC	0.0	SOURCE	68.3	708.3

JOB TITLE: OUTBACK STEAK HOUSE

PIPE DATA

PIPE TAG	END	ELEV.	NOZ.	PT	DISC.	Q(GPM)	DIA(IN)	LENGTH	PRESS.
	NODES	(FT)	(K)	(PSI)	(GPM)	VEL(FPS)	HW(C)	(FT)	SUM.
							F.L./FT		(PSI)
Pipe: 1									
1		10.0	14.5	28.3	77.2	16.6	1.380	PL 3.0	PF 5.0
2		10.0	0.0	33.3	0.0		120	FI 9.0	PF 0.0
							0.416	TL 12.0	PV 1.8
Pipe: 2									
2		10.0	0.0	33.3	0.0	7.4	2.067	PL 25.0	PF 2.0
7		10.0	0.0	35.4	0.0		120	FI 10.0	PF 0.0
							0.058	TL 35.0	PV 0.4
Pipe: 3									
3		10.0	14.5	18.1	61.7	13.2	1.380	PL 1.0	PF 1.9
4		10.0	0.0	20.0	0.0		120	FI 6.0	PF 0.0
							0.275	TL 7.0	PV 1.2
Pipe: 4									
4		10.0	0.0	20.0	0.0	13.2	1.380	PL 12.0	PF 4.1
6		10.0	0.0	24.1	0.0		120	FI 3.0	PF 0.0
							0.275	TL 15.0	PV 1.2
Pipe: 5									
5		10.0	14.5	21.8	67.8	14.5	1.380	PL 1.0	PF 2.3
6		10.0	0.0	24.1	0.0		120	FI 6.0	PF 0.0
							0.327	TL 7.0	PV 1.4
Pipe: 6									
6		10.0	0.0	24.1	0.0	20.4	1.610	PL 10.0	PF 11.2
7		10.0	0.0	35.4	0.0		120	FI 12.0	PF 0.0
							0.511	TL 22.0	PV 2.8
Pipe: 7									
7		10.0	0.0	35.4	0.0	19.8	2.067	PL 1.0	PF 4.0
8		10.0	0.0	39.3	0.0		120	FI 10.0	PF 0.0
							0.360	TL 11.0	PV 2.6
Pipe: 8									
8		10.0	0.0	39.3	0.0	4.7	4.260	PL 10.0	PF 0.1
13		10.0	0.0	39.4	0.0		120	FI 0.0	PF 0.0
							0.011	TL 10.0	PV 0.1
Pipe: 9									
9		10.0	14.5	28.7	77.7	16.7	1.380	PL 2.0	PF 4.6
10		10.0	0.0	33.3	0.0		120	FI 9.0	PF 0.0
							0.421	TL 11.0	PV 1.9
Pipe: 10									
10		10.0	0.0	33.3	0.0	7.4	2.067	PL 20.0	PF 1.2
12		10.0	0.0	34.5	0.0		120	FI 0.0	PF 0.0
							0.059	TL 20.0	PV 0.4
Pipe: 11									
11		10.0	14.5	29.7	79.0	17.0	1.380	PL 2.0	PF 4.3
12		10.0	0.0	34.5	0.0		120	FI 9.0	PF 0.0
							0.435	TL 11.0	PV 1.9
Pipe: 12									
12		10.0	0.0	34.5	0.0	15.0	2.067	PL 8.0	PF 5.0
13		10.0	0.0	39.4	0.0		120	FI 15.0	PF 0.0
							0.216	TL 23.0	PV 1.5
Pipe: 13									
13		10.0	0.0	39.4	0.0	8.2	4.260	PL 5.5	PF 0.2
16		10.0	0.0	39.6	0.0		120	FI 0.0	PF 0.0
							0.030	TL 5.5	PV 0.5

JOB TITLE: OUTBACK STEAK HOUSE

PIPE DATA (cont'd)

PIPE TAG		ELEV. (FT)	NOZ. (K)	PT (PSI)	DISC. (GPM)	Q(GPM)	DIA(IN)	LENGTH	PRESS.		
END NODES	VEL(FPS)					HW(C)	(FT)	SUM. (PSI)			
						F.L./FT					
Pipe: 14						-77.2	1.380	PL	1.0	PF	2.9
14		10.0	14.5	28.4	77.2	16.6	120	FL	6.0	PF	0.0
15		10.0	0.0	31.3	0.0		0.417	TL	7.0	PV	1.8
Pipe: 15						-77.2	1.380	PL	11.0	PF	8.3
15		10.0	0.0	31.3	0.0	16.6	120	FL	9.0	PE	0.0
16		10.0	0.0	39.6	0.0		0.417	TL	20.0	PV	1.8
Pipe: 16						-440.6	4.260	PL	10.0	PF	1.3
16		10.0	0.0	39.6	0.0	9.9	120	FL	20.0	PE	0.0
27		10.0	0.0	40.9	0.0		0.043	TL	30.0	PV	0.7
Pipe: 17						-60.0	1.380	PL	2.0	PF	2.9
17		10.0	14.5	17.1	60.0	12.9	120	FL	9.0	PE	0.0
18		10.0	0.0	20.0	0.0		0.261	TL	11.0	PV	1.1
Pipe: 18						-60.0	1.380	PL	9.0	PF	2.4
18		10.0	0.0	20.0	0.0	12.9	120	FL	0.0	PF	0.0
20		10.0	0.0	22.3	0.0		0.261	TL	9.0	PV	1.1
Pipe: 19						-62.6	1.380	PL	4.0	PF	3.7
19		10.0	14.5	18.7	62.6	13.4	120	FL	9.0	PE	0.0
20		10.0	0.0	22.3	0.0		0.283	TL	13.0	PV	1.2
Pipe: 20						-122.6	1.610	PL	15.0	PF	6.9
20		10.0	0.0	22.3	0.0	19.3	120	FL	0.0	PF	0.0
22		10.0	0.0	29.3	0.0		0.463	TL	15.0	PV	2.5
Pipe: 23						-72.4	1.380	PL	2.0	PF	3.0
23		10.0	14.5	24.9	72.4	15.5	120	FL	6.0	PF	0.0
24		10.0	0.0	27.9	0.0		0.370	TL	8.0	PV	1.6
Pipe: 24						-72.4	1.380	PL	11.0	PF	6.3
24		10.0	0.0	27.9	0.0	15.5	120	FL	6.0	PE	0.0
25		10.0	0.0	34.2	0.0		0.370	TL	17.0	PV	1.6
Pipe: 21						-72.8	1.380	PL	2.0	PF	4.1
21		10.0	14.5	25.2	72.8	15.6	120	FL	9.0	PE	0.0
22		10.0	0.0	29.3	0.0		0.373	TL	11.0	PV	1.6
Pipe: 22						-195.4	2.067	PL	5.0	PF	4.9
22		10.0	0.0	29.3	0.0	18.7	120	FL	10.0	PE	0.0
25		10.0	0.0	34.2	0.0		0.324	TL	15.0	PV	2.3
Pipe: 25						-267.8	2.067	PL	1.0	PF	6.4
25		10.0	0.0	34.2	0.0	25.6	120	FL	10.0	PE	0.0
26		10.0	0.0	40.5	0.0		0.581	TL	11.0	PV	4.4
Pipe: 26						-267.8	4.260	PL	1.0	PF	0.4
26		10.0	0.0	40.5	0.0	6.0	120	FL	20.0	PE	0.0
27		10.0	0.0	40.9	0.0		0.017	TL	21.0	PV	0.2

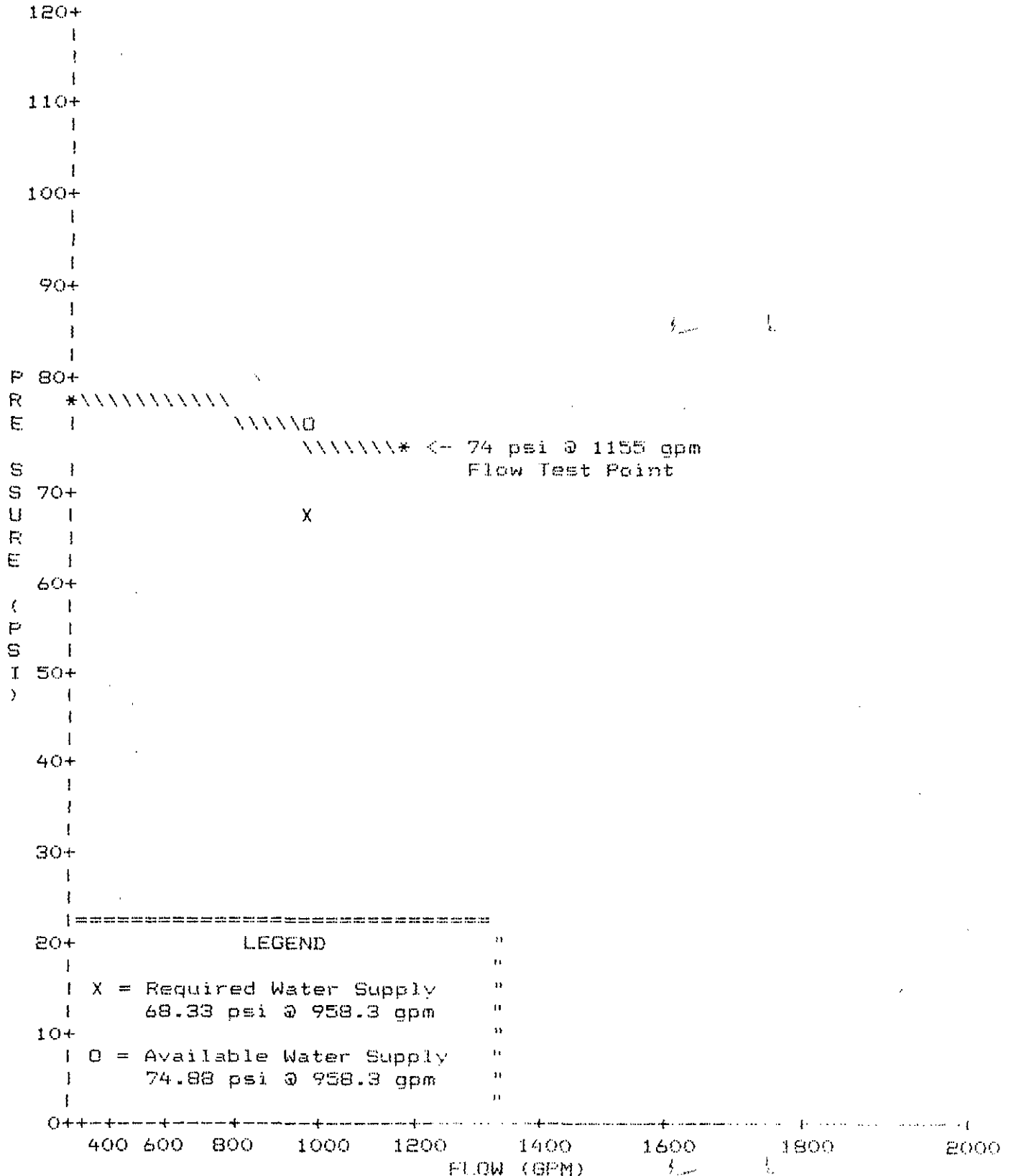
JOB TITLE: OUTBACK STEAK HOUSE

PIPE DATA (cont'd)

PIPE TAG	END	ELEV.	NOZ.	PT	DISC.	Q(GPM)	DIA(IN)	LENGTH	PRESS.
NODES	(FT)	(K)	(PSI)	(GPM)	VEL(FPS)	HW(C)	(FT)	SUM.	
						F.L./FT		(PSI)	
Pipe: 27					-708.3	4.260	PL	22.0	PF
27	10.0	0.0	40.9	0.0	15.9	120	FL	20.0	PF
28	10.0	0.0	45.3	0.0		0.104	TL	42.0	PV
Pipe: 28					-708.3	4.260	PL	10.0	PF
28	10.0	0.0	45.3	0.0	15.9	120	FL	35.0	PF
29	0.0	0.0	54.3	0.0		0.104	TL	45.0	PV
Pipe: 29					FIXED PRESSURE LOSS DEVICE				
29	0.0	0.0	54.3	0.0	-5.0 psi, 708.4 gpm				
30	0.0	0.0	59.3	0.0					
Pipe: 30					-708.3	6.249	PI	650.0	PF
30	0.0	0.0	59.3	0.0	7.4	140	FL	100.0	PF
SRC	0.0	SRCE	68.3	(N/A)		0.012	TI	750.0	PV

JOB TITLE: OUTBACK STEAK HOUSE

WATER SUPPLY CURVE



K&E FIRE PROTECTION CORPORATION
14 PLAZA NINE
MANALAPAN, NEW JERSEY 07726

HYDRAULIC CALCULATIONS

FOR

AREA # 2
OUTBACK STEAKHOUSE
BRICK TOWN, NJ

FILE NUMBER: OUTBACK.2
08-08-1996

-DESIGN DATA-

OCCUPANCY CLASSIFICATION:	LIGHT HAZARD
DENSITY:	.10 gpm/sq. ft.
AREA OF APPLICATION:	1500 sq. ft.
COVERAGE PER SPRINKLER:	400 sq. ft.
NUMBER OF SPRINKLERS CALCULATED:	8 heads
TOTAL SPRINKLER WATER FLOW REQUIRED:	360.5 gpm
TOTAL WATER REQUIRED (including hose):	460.5 gpm
FLOW & PRESSURE (at base of riser):	460.5 gpm @ 51.1 psi
SPRINKLER ORIFICE SIZE:	.64 inch
NAME OF CONTRACTOR:	TIGER ASSOCIATES
NAME OF DESIGNER:	K&E FIRE PROTECTION
AUTHORITY HAVING JURISDICTION:	LOCAL OFFICIALS



SPRINKLER SYSTEM HYDRAULIC ANALYSIS

Page 1

Date: 08-08

OUTBACK.2

JOB TITLE: OUTBACK STEAK HOUSE

WATER SUPPLY DATA

SOURCE NODE TAG	STATIC PRESS. (PSI)	RESID. PRESS. (PSI)	FLOW @ (GPM)	AVAIL. PRESS. (PSI)	TOTAL DEMAND (GPM)	REQ'D PRESS. (PSI)
SRC	77.0	74.0	1155.0	76.5	460.5	51.1

AGGREGATE FLOW ANALYSIS:

TOTAL FLOW AT SOURCE	460.5 GPM
TOTAL HOSE STREAM ALLOWANCE AT SOURCE	100.0 GPM
OTHER HOSE STREAM ALLOWANCES	0.0 GPM
TOTAL DISCHARGE FROM ACTIVE SPRINKLERS	360.5 GPM

NODE ANALYSIS DATA

NODE TAG	ELEVATION (FT)	NODE TYPE	PRESSURE (PSI)	DISCHARGE (GPM)
1	10.0	K=11.40	12.3	40.0
2	10.0	- - -	13.2	- - -
3	10.0	K=11.40	13.9	42.6
4	10.0	- - -	14.9	- - -
5	10.0	K=11.40	15.7	45.1
6	10.0	- - -	17.3	- - -
7	10.0	K= 5.60	16.5	22.8
8	10.0	- - -	17.8	- - -
9	10.0	K=11.40	27.8	60.1
10	10.0	- - -	28.9	- - -
11	10.0	- - -	30.0	- - -
12	10.0	- - -	34.1	- - -
13	10.0	K=11.40	16.1	45.7
14	10.0	- - -	17.3	- - -
15	10.0	K=11.40	18.4	48.9
16	10.0	- - -	20.3	- - -
17	10.0	K=11.40	23.6	55.4
18	10.0	- - -	26.1	- - -
19	10.0	- - -	32.1	- - -
20	10.0	- - -	34.3	- - -
27	10.0	- - -	36.6	- - -
28	10.0	- - -	37.8	- - -
29	0.0	- - -	43.5	- - -
30	0.0	- - -	48.5	- - -
SRC	0.0	SOURCE	51.1	360.5

JOB TITLE: OUTBACK STEAK HOUSE

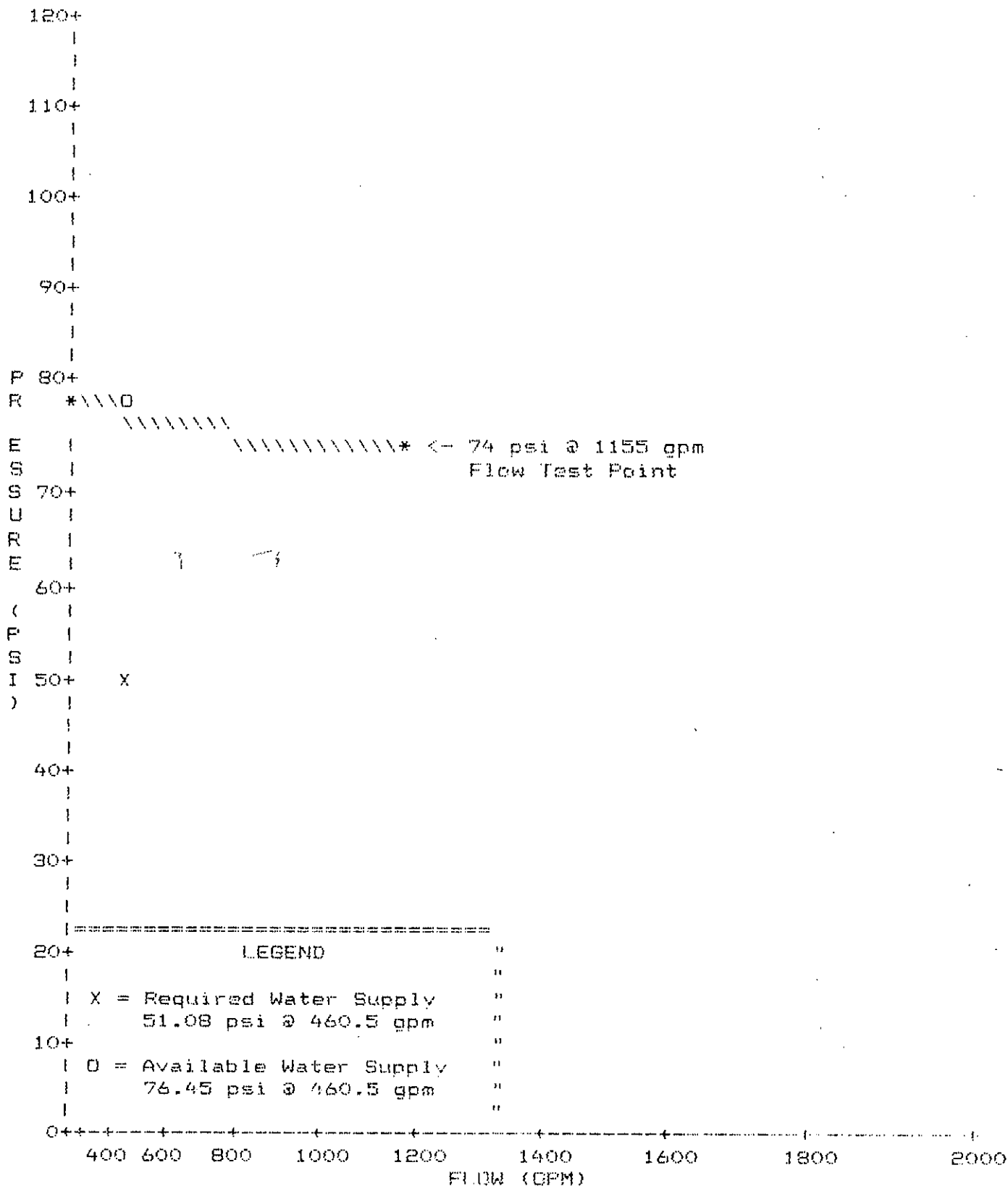
PIPE DATA (cont'd)

PIPE TAG		ELEV. (FT)	NOZ. (K)	PT (PSI)	DISC. (GPM)	Q(GPM)	DIA(IN)	LENGTH	PRESS.	
END	NODES					VEL(FPS)	HW(C)	(FT)	SUM.	(PSI)
							F.L./F.L.			
Pipe: 14										
14		10.0	0.0	17.3	0.0	-45.7	1.380	PL 19.0	PF	3.0
16		10.0	0.0	20.3	0.0	9.8	120	FL 0.0	PF	0.0
							0.158	TL 19.0	PV	0.6
Pipe: 15										
15		10.0	11.4	18.4	48.9	-48.9	1.380	PL 2.0	PF	2.0
16		10.0	0.0	20.3	0.0	10.5	120	FL 9.0	PF	0.0
							0.179	TL 11.0	PV	0.7
Pipe: 16										
16		10.0	0.0	20.3	0.0	-94.6	1.610	PL 20.0	PF	5.7
18		10.0	0.0	26.1	0.0	14.9	120	FL 0.0	PF	0.0
							0.286	TL 20.0	PV	1.5
Pipe: 17										
17		10.0	11.4	23.6	55.4	-55.4	1.380	PL 2.0	PF	2.5
18		10.0	0.0	26.1	0.0	11.9	120	FL 9.0	PF	0.0
							0.225	TL 11.0	PV	0.9
Pipe: 18										
18		10.0	0.0	26.1	0.0	-150.0	1.610	PL 1.0	PF	6.0
19		10.0	0.0	32.1	0.0	23.6	120	FL 8.0	PF	0.0
							0.671	TL 9.0	PV	3.8
Pipe: 19										
19		10.0	0.0	32.1	0.0	-150.0	2.067	PL 1.0	PF	2.2
20		10.0	0.0	34.3	0.0	14.3	120	FL 10.0	PF	0.0
							0.199	TL 11.0	PV	1.4
Pipe: 20										
20		10.0	0.0	34.3	0.0	-360.5	4.260	PL 56.0	PF	2.3
27		10.0	0.0	36.6	0.0	8.1	120	FL 20.0	PF	0.0
							0.030	TL 76.0	PV	0.4
Pipe: 22										
27		10.0	0.0	36.6	0.0	-360.5	4.260	PL 22.0	PF	1.3
28		10.0	0.0	37.8	0.0	8.1	120	FL 20.0	PF	0.0
							0.030	TL 42.0	PV	0.4
Pipe: 23										
28		10.0	0.0	37.8	0.0	-360.5	4.260	PL 10.0	PF	1.3
29		0.0	0.0	43.5	0.0	8.1	120	FL 35.0	PF	4.3
							0.030	TL 45.0	PV	0.4
Pipe: 24										
29		0.0	0.0	43.5	0.0	FIXED PRESSURE LOSS DEVICE				
30		0.0	0.0	48.5	0.0	-5.0 psi, 360.6 gpm				
Pipe: 25										
30		0.0	0.0	48.5	0.0	-360.5	6.249	PL 650.0	PF	2.6
SRC		0.0	SRCE	51.1	(N/A)	3.8	140	FL 100.0	PF	0.0
							0.003	TL 750.0	PV	0.1

SPRINKLER SYSTEM HYDRAULIC ANALYSIS

JOB TITLE: OUTBACK STEAK HOUSE

WATER SUPPLY CURVE



K&E FIRE PROTECTION CORPORATION
14 PLAZA NINE
MANALAPAN, NEW JERSEY 07726

HYDRAULIC CALCULATIONS

FOR

AREA # 2
OUTBACK STEAKHOUSE
BRICK TOWN, NJ

FILE NUMBER: OUTBACK.2
08-08-1996

-DESIGN DATA-

OCCUPANCY CLASSIFICATION:	LIGHT HAZARD
DENSITY:	.10 gpm/sq. ft.
AREA OF APPLICATION:	1500 sq. ft.
COVERAGE PER SPRINKLER:	400 sq. ft.
NUMBER OF SPRINKLERS CALCULATED:	8 heads
TOTAL SPRINKLER WATER FLOW REQUIRED:	360.5 gpm
TOTAL WATER REQUIRED (including hose):	460.5 gpm
FLOW & PRESSURE (at base of riser):	460.5 gpm @ 51.1 psi
SPRINKLER ORIFICE SIZE:	.64 inch
NAME OF CONTRACTOR:	TIGER ASSOCIATES
NAME OF DESIGNER:	K&E FIRE PROTECTION
AUTHORITY HAVING JURISDICTION:	LOCAL OFFICIALS

SPRINKLER SYSTEM HYDRAULIC ANALYSIS

Page 1

Date: 08-08

OUTBACK.2

JOB TITLE: OUTBACK STEAK HOUSE

WATER SUPPLY DATA

SOURCE NODE TAG	STATIC PRESS. (PSI)	RESID. PRESS. (PSI)	FLOW @ (GPM)	AVAIL. PRESS. @ (PSI)	TOTAL DEMAND (GPM)	REQ'D PRESS. (PSI)
SRC	77.0	74.0	1155.0	76.5	460.5	51.1

AGGREGATE FLOW ANALYSIS:

TOTAL FLOW AT SOURCE	460.5 GPM
TOTAL HOSE STREAM ALLOWANCE AT SOURCE	100.0 GPM
OTHER HOSE STREAM ALLOWANCES	0.0 GPM
TOTAL DISCHARGE FROM ACTIVE SPRINKLERS	360.5 GPM

NODE ANALYSIS DATA

NODE TAG	ELEVATION (FT)	NODE TYPE	PRESSURE (PSI)	DISCHARGE (GPM)
1	10.0	K=11.40	12.3	40.0
2	10.0	- - - -	13.2	- - -
3	10.0	K=11.40	13.9	42.6
4	10.0	- - - -	14.9	- - -
5	10.0	K=11.40	15.7	45.1
6	10.0	- - - -	17.3	- - -
7	10.0	K= 5.60	16.5	22.8
8	10.0	- - - -	17.8	- - -
9	10.0	K=11.40	27.8	60.1
10	10.0	- - - -	28.9	- - -
11	10.0	- - - -	30.0	- - -
12	10.0	- - - -	34.1	- - -
13	10.0	K=11.40	16.1	45.7
14	10.0	- - - -	17.3	- - -
15	10.0	K=11.40	18.4	48.9
16	10.0	- - - -	20.3	- - -
17	10.0	K=11.40	23.6	55.4
18	10.0	- - - -	26.1	- - -
19	10.0	- - - -	32.1	- - -
20	10.0	- - - -	34.3	- - -
27	10.0	- - - -	36.6	- - -
28	10.0	- - - -	37.8	- - -
29	0.0	- - - -	43.5	- - -
30	0.0	- - - -	48.5	- - -
SRC	0.0	SOURCE	51.1	360.5

SPRINKLER SYSTEM HYDRAULIC ANALYSIS

Page 2

JOB TITLE: OUTBACK STEAK HOUSE

PIPE DATA

PIPE TAG		ELEV. (FT)	NOZ. (K)	PT (PSI)	DISC. (GPM)	D(QGPM)	DIA(IN)	LENGTH	PRESS.	
END	VEL(FPS)					HW(C)	(FT)	SUM.		
NODES	F.L./FT						(PSI)			
Pipe: 1										
1		10.0	11.4	12.3	40.0	8.6	120	FL	6.0	PF 0.0
2		10.0	0.0	13.2	0.0		0.123	TL	7.0	PV 0.5
Pipe: 2										
2		10.0	0.0	13.2	0.0	8.6	120	FL	0.0	PF 0.0
4		10.0	0.0	14.9	0.0		0.123	TL	14.0	PV 0.5
Pipe: 3										
3		10.0	11.4	13.9	42.6	9.1	120	FL	6.0	PF 0.0
4		10.0	0.0	14.9	0.0		0.138	TL	7.0	PV 0.6
Pipe: 4										
4		10.0	0.0	14.9	0.0	13.0	120	FL	0.0	PF 0.0
6		10.0	0.0	17.3	0.0		0.222	TL	11.0	PV 1.1
Pipe: 5										
5		10.0	11.4	15.7	45.1	9.7	120	FL	9.0	PF 0.0
6		10.0	0.0	17.3	0.0		0.154	TL	11.0	PV 0.6
Pipe: 6										
6		10.0	0.0	17.3	0.0	20.1	120	FL	0.0	PF 0.0
8		10.0	0.0	17.8	0.0		0.498	TL	1.0	PV 2.7
Pipe: 7										
7		10.0	5.6	16.5	22.8	8.5	120	FL	5.0	PF 0.0
8		10.0	0.0	17.8	0.0		0.165	TL	8.0	PV 0.5
Pipe: 8										
8		10.0	0.0	17.8	0.0	23.7	120	FL	8.0	PF 0.0
11		10.0	0.0	30.0	0.0		0.675	TL	18.0	PV 3.8
Pipe: 9										
9		10.0	11.4	27.8	60.1	12.9	120	FL	3.0	PF 0.0
10		10.0	0.0	28.9	0.0		0.262	TL	6.0	PV 1.1
Pipe: 10										
10		10.0	0.0	28.9	0.0	9.5	120	FL	8.0	PF 0.0
11		10.0	0.0	30.0	0.0		0.124	TL	9.0	PV 0.6
Pipe: 11										
11		10.0	0.0	30.0	0.0	20.1	120	FL	10.0	PF 0.0
12		10.0	0.0	34.1	0.0		0.373	TL	11.0	PV 2.7
Pipe: 12										
12		10.0	0.0	34.1	0.0	4.7	120	FL	0.0	PF 0.0
20		10.0	0.0	34.3	0.0		0.011	TL	18.0	PV 0.2
Pipe: 13										
13		10.0	11.4	16.1	45.7	9.8	120	FL	6.0	PF 0.0
14		10.0	0.0	17.3	0.0		0.158	TL	8.0	PV 0.6

JOB TITLE: OUTBACK STEAK HOUSE

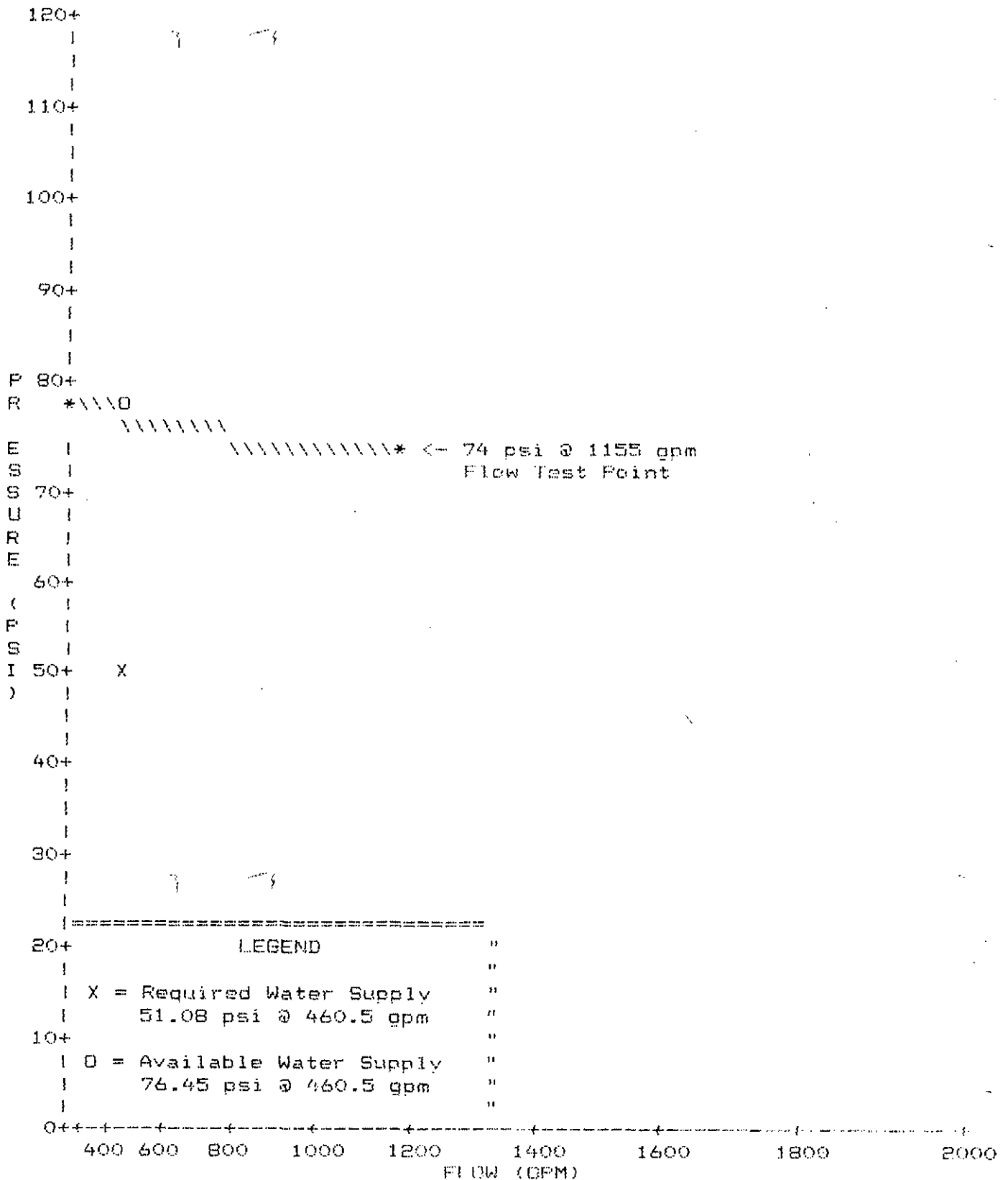
PIPE DATA (cont'd)

PIPE TAG	END	ELEV.	NOZ.	PT	DISC.	Q(GPM)	DIA(IN)	LENGTH	PRESS.
NODES	(FT)	(K)	(PSI)	(GPM)	VEL(FPS)	HW(C)	F.L./FT	(FT)	SUM. (PSI)
Pipe: 14						-45.7	1.380	PL 19.0	PF 3.0
14	10.0	0.0	17.3	0.0	9.8	120	FL	0.0	PF 0.0
16	10.0	0.0	20.3	0.0		0.158	TL	19.0	PV 0.6
Pipe: 15						-48.9	1.380	PL 2.0	PF 2.0
15	10.0	11.4	18.4	48.9	10.5	120	FL	9.0	PF 0.0
16	10.0	0.0	20.3	0.0		0.179	TL	11.0	PV 0.7
Pipe: 16						-94.6	1.610	PL 20.0	PF 5.7
16	10.0	0.0	20.3	0.0	14.9	120	FL	0.0	PF 0.0
18	10.0	0.0	26.1	0.0		0.286	TL	20.0	PV 1.5
Pipe: 17						-55.4	1.380	PL 2.0	PF 2.5
17	10.0	11.4	23.6	55.4	11.9	120	FL	9.0	PF 0.0
18	10.0	0.0	26.1	0.0		0.225	TL	11.0	PV 0.9
Pipe: 18						-150.0	1.610	PL 1.0	PF 6.0
18	10.0	0.0	26.1	0.0	23.6	120	FL	8.0	PF 0.0
19	10.0	0.0	32.1	0.0		0.671	TL	9.0	PV 3.8
Pipe: 19						-150.0	2.067	PL 1.0	PF 2.2
19	10.0	0.0	32.1	0.0	14.3	120	FL	10.0	PF 0.0
20	10.0	0.0	34.3	0.0		0.199	TL	11.0	PV 1.4
Pipe: 20						-360.5	4.260	PL 56.0	PF 2.3
20	10.0	0.0	34.3	0.0	8.1	120	FL	20.0	PF 0.0
27	10.0	0.0	36.6	0.0		0.030	TL	76.0	PV 0.4
Pipe: 22						-360.5	4.260	PL 22.0	PF 1.3
27	10.0	0.0	36.6	0.0	8.1	120	FL	20.0	PF 0.0
28	10.0	0.0	37.8	0.0		0.030	TL	42.0	PV 0.4
Pipe: 23						-360.5	4.260	PL 10.0	PF 1.3
28	10.0	0.0	37.8	0.0	8.1	120	FL	35.0	PF 4.3
29	0.0	0.0	43.5	0.0		0.030	TL	45.0	PV 0.4
Pipe: 24						FIXED PRESSURE LOSS DEVICE			
29	0.0	0.0	43.5	0.0	-5.0 psi, 360.6 gpm				
30	0.0	0.0	48.5	0.0					
Pipe: 25						-360.5	6.249	PL 650.0	PF 2.6
30	0.0	0.0	48.5	0.0	3.8	140	FL	100.0	PF 0.0
SRC	0.0	SRCE	51.1	(N/A)		0.003	TL	750.0	PV 0.1

SPRINKLER SYSTEM HYDRAULIC ANALYSIS

JOB TITLE: OUTBACK STEAK HOUSE

WATER SUPPLY CURVE



K&E FIRE PROTECTION CORPORATION
14 PLAZA NINE
MANALAPAN, NEW JERSEY 07726

HYDRAULIC CALCULATIONS

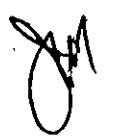
FOR

AREA # 1
OUTBACK STEAKHOUSE
BRICK TOWN, NJ

FILE NUMBFR: OUTBACK.1
08-08-1996

-DESIGN DATA-

OCCUPANCY CLASSIFICATION:	ORD. HAZARD
DENSITY:	.20 gpm/sq. ft.
AREA OF APPLICATION:	1500 sq. ft.
COVERAGE PER SPRINKLER:	400 sq. ft.
NUMBER OF SPRINKLERS CALCULATED:	10 heads
TOTAL SPRINKLER WATER FLOW REQUIRED:	708.3 gpm
TOTAL WATER REQUIRED (including hose):	958.3 gpm
FLOW & PRESSURE (at base of riser):	958.3 gpm @ 68.3 psi
SPRINKLER ORIFICE SIZE:	.70 inch
NAME OF CONTRACTOR:	TIGER ASSOCIATES
NAME OF DESIGNER:	K&E FIRE PROTECTION
AUTHORITY HAVING JURISDICTION:	LOCAL OFFICIALS



SPRINKLER SYSTEM HYDRAULIC ANALYSIS

Page 1

Date: 08-02

OUTBACK.1

JOB TITLE: OUTBACK STEAK HOUSE

WATER SUPPLY DATA

SOURCE NODE TAG	STATIC PRESS. (PSI)	RESID. PRESS. (PSI)	FLOW @ (GPM)	AVAIL. PRESS. (PSI)	TOTAL DEMAND (GPM)	REQ'D PRESS. (PSI)
SRC	77.0	74.0	1155.0	74.9	958.3	68.3

AGGREGATE FLOW ANALYSIS:

TOTAL FLOW AT SOURCE	958.3 GPM
TOTAL HOSE STREAM ALLOWANCE AT SOURCE	250.0 GPM
OTHER HOSE STREAM ALLOWANCES	0.0 GPM
TOTAL DISCHARGE FROM ACTIVE SPRINKLERS	708.3 GPM

NODE ANALYSIS DATA

NODE TAG	ELEVATION (FT)	NODE TYPE	PRESSURE (PSI)	DISCHARGE (GPM)
1	10.0	K=14.50	28.3	77.2
2	10.0	- - - -	33.3	- - -
3	10.0	K=14.50	18.1	61.7
4	10.0	- - - -	20.0	- - -
5	10.0	K=14.50	21.8	67.8
6	10.0	- - - -	24.1	- - -
7	10.0	- - - -	35.4	- - -
8	10.0	- - - -	39.3	- - -
9	10.0	K=14.50	28.7	77.7
10	10.0	- - - -	33.3	- - -
11	10.0	K=14.50	29.7	79.0
12	10.0	- - - -	34.5	- - -
13	10.0	- - - -	39.4	- - -
14	10.0	K=14.50	28.4	77.2
15	10.0	- - - -	31.3	- - -
16	10.0	- - - -	39.6	- - -
17	10.0	K=14.50	17.1	60.0
18	10.0	- - - -	20.0	- - -
19	10.0	K=14.50	18.7	62.6
20	10.0	- - - -	22.3	- - -
23	10.0	K=14.50	24.9	72.4
24	10.0	- - - -	27.9	- - -
21	10.0	K=14.50	25.2	72.8
22	10.0	- - - -	29.3	- - -
25	10.0	- - - -	34.2	- - -
26	10.0	- - - -	40.5	- - -
27	10.0	- - - -	40.9	- - -
28	10.0	- - - -	45.3	- - -
29	0.0	- - - -	54.3	- - -
30	0.0	- - - -	59.3	- - -
SRC	0.0	SOURCE	68.3	708.3

JOB TITLE: OUTBACK STEAK HOUSE

PIPE DATA

PIPE TAG		ELEV. (FT)	NOZ. (K)	PT (PSI)	DISC. (GPM)	Q(GPM)	DIA(IN)	LENGTH	PRESS.	
END	NODES					VEL(FPS)	HW(C)	(FT)	SUM.	(PSI)
							F.L./FT			
Pipe: 1										
1		10.0	14.5	28.3	77.2	16.6	120	FI	9.0	PF 0.0
2		10.0	0.0	33.3	0.0		0.416	TL	12.0	PV 1.8
Pipe: 2										
2		10.0	0.0	33.3	0.0	7.4	120	FL	10.0	PF 0.0
7		10.0	0.0	35.4	0.0		0.058	TL	35.0	PV 0.4
Pipe: 3										
3		10.0	14.5	18.1	61.7	13.2	120	FL	6.0	PF 0.0
4		10.0	0.0	20.0	0.0		0.275	TL	7.0	PV 1.2
Pipe: 4										
4		10.0	0.0	20.0	0.0	13.2	120	FL	3.0	PF 0.0
6		10.0	0.0	24.1	0.0		0.275	TL	15.0	PV 1.2
Pipe: 5										
5		10.0	14.5	21.8	67.8	14.5	120	FL	6.0	PF 0.0
6		10.0	0.0	24.1	0.0		0.327	TL	7.0	PV 1.4
Pipe: 6										
6		10.0	0.0	24.1	0.0	20.4	120	FL	12.0	PF 0.0
7		10.0	0.0	35.4	0.0		0.511	TL	22.0	PV 2.8
Pipe: 7										
7		10.0	0.0	35.4	0.0	19.8	120	FI	10.0	PF 0.0
8		10.0	0.0	39.3	0.0		0.360	TL	11.0	PV 2.6
Pipe: 8										
8		10.0	0.0	39.3	0.0	4.7	120	FL	0.0	PF 0.0
13		10.0	0.0	39.4	0.0		0.011	TL	10.0	PV 0.1
Pipe: 9										
9		10.0	14.5	28.7	77.7	16.7	120	FI	9.0	PF 0.0
10		10.0	0.0	33.3	0.0		0.421	TL	11.0	PV 1.9
Pipe: 10										
10		10.0	0.0	33.3	0.0	7.4	120	FI	0.0	PF 0.0
12		10.0	0.0	34.5	0.0		0.059	TL	20.0	PV 0.4
Pipe: 11										
11		10.0	14.5	29.7	79.0	17.0	120	FI	9.0	PF 0.0
12		10.0	0.0	34.5	0.0		0.435	TL	11.0	PV 1.9
Pipe: 12										
12		10.0	0.0	34.5	0.0	15.0	120	FI	15.0	PF 0.0
13		10.0	0.0	39.4	0.0		0.216	TL	23.0	PV 1.5
Pipe: 13										
13		10.0	0.0	39.4	0.0	8.2	120	FI	0.0	PF 0.0
16		10.0	0.0	39.6	0.0		0.030	TL	5.5	PV 0.5

JOB TITLE: OUTBACK STEAK HOUSE

PIPE DATA (cont'd)

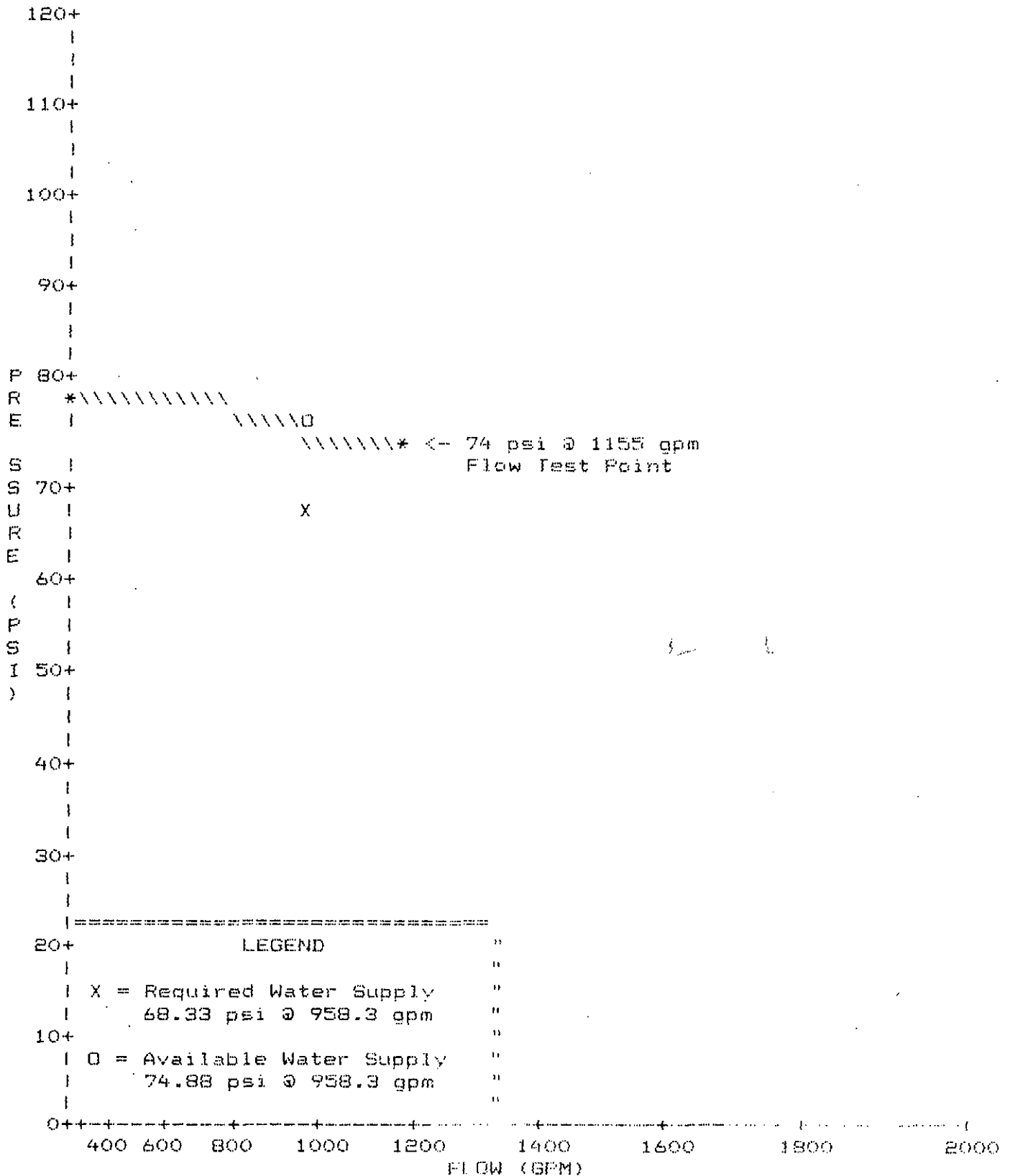
PIPE TAG		ELEV. (FT)	NOZ. (K)	PT (PSI)	DISC. (GPM)	((GPM) DIA(IN) LENGTH		PRESS. SUM. (PSI)
END NODES						VEL(FPS)	HW(C) F.L./FT	
	Pipe: 14				-77.2	1.380	PL 1.0	PF 2.9
14		10.0	14.5	28.4	77.2	16.6	FL 6.0	PE 0.0
15		10.0	0.0	31.3	0.0	0.417	TL 7.0	PV 1.8
	Pipe: 15				-77.2	1.380	PL 11.0	PF 8.3
15		10.0	0.0	31.3	0.0	16.6	FL 9.0	PE 0.0
16		10.0	0.0	39.6	0.0	0.417	TL 20.0	PV 1.8
	Pipe: 16				-440.6	4.260	PL 10.0	PF 1.3
16		10.0	0.0	39.6	0.0	9.9	FL 20.0	PE 0.0
27		10.0	0.0	40.9	0.0	0.043	TL 30.0	PV 0.7
	Pipe: 17				-60.0	1.380	PL 2.0	PF 2.9
17		10.0	14.5	17.1	60.0	12.9	FL 9.0	PE 0.0
18		10.0	0.0	20.0	0.0	0.261	TL 11.0	PV 1.1
	Pipe: 18				-60.0	1.380	PL 9.0	PF 2.4
18		10.0	0.0	20.0	0.0	12.9	FL 0.0	PE 0.0
20		10.0	0.0	22.3	0.0	0.261	TL 9.0	PV 1.1
	Pipe: 19				-62.6	1.380	PL 4.0	PF 3.7
19		10.0	14.5	18.7	62.6	13.4	FL 9.0	PE 0.0
20		10.0	0.0	22.3	0.0	0.283	TL 13.0	PV 1.2
	Pipe: 20				-122.6	1.610	PL 15.0	PF 6.9
20		10.0	0.0	22.3	0.0	19.3	FL 0.0	PE 0.0
22		10.0	0.0	29.3	0.0	0.463	TL 15.0	PV 2.5
	Pipe: 23				-72.4	1.380	PL 2.0	PF 3.0
23		10.0	14.5	24.9	72.4	15.5	FL 6.0	PE 0.0
24		10.0	0.0	27.9	0.0	0.370	TL 8.0	PV 1.6
	Pipe: 24				-72.4	1.380	PL 11.0	PF 6.3
24		10.0	0.0	27.9	0.0	15.5	FL 6.0	PE 0.0
25		10.0	0.0	34.2	0.0	0.370	TL 17.0	PV 1.6
	Pipe: 21				-72.8	1.380	PL 2.0	PF 4.1
21		10.0	14.5	25.2	72.8	15.6	FL 9.0	PE 0.0
22		10.0	0.0	29.3	0.0	0.373	TL 11.0	PV 1.6
	Pipe: 22				-195.4	2.067	PL 5.0	PF 4.9
22		10.0	0.0	29.3	0.0	18.7	FL 10.0	PE 0.0
25		10.0	0.0	34.2	0.0	0.324	TL 15.0	PV 2.3
	Pipe: 25				-267.8	2.067	PL 1.0	PF 6.4
25		10.0	0.0	34.2	0.0	25.6	FL 10.0	PE 0.0
26		10.0	0.0	40.5	0.0	0.581	TL 11.0	PV 4.4
	Pipe: 26				-267.8	4.260	PL 1.0	PF 0.4
26		10.0	0.0	40.5	0.0	6.0	FL 20.0	PE 0.0
27		10.0	0.0	40.9	0.0	0.017	TL 21.0	PV 0.2

JOB TITLE: OUTBACK STEAK HOUSE

PIPE DATA (cont'd)

PIPE TAG	END	ELEV.	NOZ.	PT	DISC.	Q(GPM)	DIA(IN)	LENGTH	PRESS.
NODES	(FT)	(K)	(PSI)	(GPM)	VEL(FPS)	HW(C)	(FT)	SUM.	
						F.L./FT		(PSI)	
Pipe: 27					-708.3	4.260	PL	22.0	PF
27	10.0	0.0	40.9	0.0	15.9	120	FL	20.0	PF
28	10.0	0.0	45.3	0.0		0.104	TL	42.0	PV
Pipe: 28					-708.3	4.260	PL	10.0	PF
28	10.0	0.0	45.3	0.0	15.9	120	FL	35.0	PF
29	0.0	0.0	54.3	0.0		0.104	TL	45.0	PV
Pipe: 29					FIXED PRESSURE LOSS DEVICE				
29	0.0	0.0	54.3	0.0	-5.0 psi, 708.4 gpm				
30	0.0	0.0	59.3	0.0					
Pipe: 30					-708.3	6.249	PI	650.0	PF
30	0.0	0.0	59.3	0.0	7.4	140	FL	100.0	PF
SRC	0.0	SRCE	68.3	(N/A)		0.012	TI	750.0	PV

WATER SUPPLY CURVE



K&E FIRE PROTECTION CORP.

14 Plaza Nine
MANALAPAN, NEW JERSEY 07726

(908) 303-1717 • Fax (908) 780-6310

LETTER OF TRANSMITTAL

DATE	8-8-96	JOB NO.	SP-1
ATTENTION			
RE: OUTBACK STEAK HOUSE			
HOOPER AV			
BRICK TOWN N.J. 08723			

KEVIN C. BATZEL (BUREAU CHIEF)
500 HERBERTSVILLE RD
BRICK N.J.

WE ARE SENDING YOU ☐ Attached ☐ Under separate cover via _____ the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications

☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION
5	8-8	SP-1	SPRINKLER LAY-OUT
2	8-8	SET-1	CALCS.
2	8-8	SET-2	CALCS.

THESE ARE TRANSMITTED as checked below:

- | | | |
|--|---|---|
| ☐ For approval | ☐ Approved as submitted | ☐ Resubmit _____ copies for approval |
| ☐ For your use | ☐ Approved as noted | ☐ Submit _____ copies for distribution |
| ☐ As requested | ☐ Returned for corrections | ☐ Return _____ corrected prints |
| ☐ For review and comment | ☐ _____ | |
| ☐ FOR BIDS DUE _____ 19 _____ | ☐ PRINTS RETURNED AFTER LOAN TO US | |

REMARKS _____

COPY TO _____

SIGNED: *Kevin C. Batzel*

**THE BRICK TOWNSHIP
MUNICIPAL UTILITIES AUTHORITY**

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

CERTIFICATE OF COMPLIANCE

Date 11-1-96

NAME Kennedy Mall

ADDRESS 641 Shunpike Chatham NJ 07928

PROPERTY LOCATION Kennedy Mall-Outback Steakhouse

Account No. K450623 Block 670 Lot 4

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 Patti Evan

Labels in This Space

1. ☐ UPS Tracking Label and your address label

Place the Tracking Label to the left of the address label

Stamp your UPS Shipper Number or place parcel register tape above the address label

2. ☐ UPS Air Shipping Document

3. ☐ UPS Waybill

*10103 X
New Set air*

UPS Next Day Air®
UPS Worldwide Express
Shipping Document

UPS DRIVER

Record a dot ups express number from box 10
in box 11. If blank or the number is wrong, then write
record the number from box 10

SHIPMENT FROM

SHIP TO

REFERENCE NUMBER

TELEPHONE

00-311-1717

KANDE FIRE PROTECTIO, US

14 PLAZA

ANALABAN

DELIVERY TO

TELEPHONE

908-26-1220

KEVIN C. BATZEL, CHIEF

500 HODGSON AVENUE

BR

010191120 2/94 M

United Parcel Service, Louisville, KY

The Next Day Air Letter is to be used.
There is no limit on weight or the number of packages.
Please separate your ground and air packages.
Call 1-800-PICK-UPS (1-800-742-5877) for information.

WEEKDAY
SATURDAY
SUNDAY

☒ NEXT DAY AIR ☐ WORLDWIDE EXPRESS

☐ SATURDAY PICKUP ☐ SATURDAY DELIVERY

0955 8703 082

RECEIVER

DATE

☐ BILL TO RECEIVER

UPS Next Day Air®

TRACKING NUMBER



0955 8703 082

UPS Next Day Air®



OUTBACK STEAKHOUSE OF FLORIDA, INC.

550 NORTH REO STREET SUITE 204
TAMPA, FL 33609

(813) 282-1225

BARNETT BANK OF TAMPA, N.A. - 040
101 EAST KENNEDY BOULEVARD
TAMPA, FL 33602

NUMBER

42712

DATE

11/07/96

AMOUNT

\$4,202.00

PAY: FOUR THOUSAND TWO HUNDRED TWO AND 00/100*****

TWO SIGNATURES REQUIRED OVER \$25,000.00

TO THE ORDER OF
BRICK TOWNSHIP
401 CHAMBERS BRIDGE
BRICK, NJ 08723

Ch. T. Sullivan

AUTHORIZED SIGNATURE

⑈00042712⑈ ⑆063104697⑆ 1406154314⑈

To: Scott M. Pezarras, Chief Financial Officer
From: Carol A. Wolfe, Affordable Housing Administrator
Re: Affordable Housing Fees
Date: 11/8/96

Business/Development: Outback

Owner/Applicant:

Property Address: Kennedy Mall

Block: 670 Lot: 4

DEPOSIT RECEIVED

- ☐ Mandatory Development Fee
☐ Commercial
☐ Residential
☐ Inclusionary Development Fee

Check Number _____
Estimated Fee _____

Deposit Amount \$ _____

FINAL PAYMENT PRIOR TO ISSUANCE OF CERTIFICATE OF OCCUPANCY

- ☒ Mandatory Development Fee
☒ Commercial
☐ Residential
☐ Inclusionary Development Fee

Check No.: 42712
Estimated Fee: \$4,202.00

Final Payment \$ 4202.00

FOR DEPOSIT ONLY-AFFORDABLE HOUSING TRUST ACCT # 4880071456

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

Received in Treasurer's Office by:

Carol A. Wolfe
Signature

11-8-96
Date

BRICK TOWNSHIP PLANNING BOARD
PRELIMINARY AND FINAL SITE PLAN APPROVAL
WITH VARIANCES AND DESIGN WAIVERS

RESOLUTION R-32-96

PAGE 1

CASE NO. 2188-APFSP-V-2/96

May 8, 1996

WHEREAS, Outback Steakhouse of Florida, Inc., having a mailing address of 550 N. Reo Street, Tampa, Florida 33609, has applied to the Brick Township Planning Board for preliminary and final site plan approval with variances and design waivers pursuant to N.J.S.A. 40:55D-46, 50, 51, and 60; and

WHEREAS, proof of service as required by law upon appropriate property owners and governmental bodies has been furnished and determined to be in proper order; and

WHEREAS, a public hearing was held on April 24, 1996 in the Municipal Building, at which time testimony and exhibits were presented on behalf of the applicant, and all interested parties having been heard; and

WHEREAS, the Board makes the following factual findings and findings of law.

1. This property is designated as Block 670, Lots 4, 5, 8, 23 and 25 on the Municipal Tax Map.

2. The property is located in the B-3 Highway Business Zone.

3. The applicant proposes to construct a 6,115 sq.ft. Outback Restaurant on an out parcel which is contained within the Kennedy Mall Shopping Center and fronting on Hooper Avenue. In addition to the construction of the restaurant, the applicant proposes to reconstruct the exiting parking facilities in the vicinity of the pad site and, raze the abandoned Alan's Florist Building to construct additional parking stalls in that location.

4. Lynch, Giuliano & Associates prepared a report to

File - 2
Outback
Ironstone
Alpha Center
Lord
Lynch
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May 8, 1996

the Board dated April 10, 1996. The Board hereby adopts the findings in that report and incorporates that document in this Resolution by reference.

5. Michael P. Fowler, Municipal Planner, prepared a report to the Board dated April 24, 1996. The Board hereby adopts the findings in that report and incorporates that document in this Resolution by reference.

6. Kenneth Baenziger, Traffic Safety Officer, prepared a report to the Board dated March 21, 1996. The Board hereby adopts the findings in that report and incorporates that document in this Resolution by reference.

7. Kevin C. Batzel, Bureau Chief/Fire Official, prepared a report to the Board dated March 27, 1996. The Board adopts the findings in that report and incorporates that document in this Resolution by reference.

8. The following variances have been applied for:

<u>Bulk Requirement</u>	<u>Required</u>	<u>Provided</u>
Required Parking Stalls	897	720
Sign Height	25 Ft.	25 Ft.
Sign Setback (2)	25 Ft.	15 Ft. (Outback) (Mall)
Parking Stall Size	10 Ft. X 20 Ft.	9 Ft. X 18 Ft.
Parking Aisle Width	25 Ft.	20 Ft.
Parking Facility Setback	20 Ft.	12 Ft.
Front setback	75 Ft.	65 Ft. (Porch)

A Maximum sign area of 50 sq.ft. is permitted by Ordinance. The applicant proposes a sign area of 100 sq.ft.

9. The Board finds that the following variances are reasonable and should be granted because:

a. The variances needed in regard to required parking stalls, sign area, sign setback, parking stall size, parking aisle width, and parking facility setback are similar to prior variance approvals granted by the Planning Board in the prior application for preliminary and final site plan,

RESOLUTION R-32-96

PAGE 3

CASE NO. 2188-APFSP-V-2/96

May 8, 1996

for the Kennedy Mall.

10. Accordingly, the Board finds that these variances are reasonable.

11. In regard to the variance for a maximum sign height of 100 sq.ft. and 50 sq.ft. as required by Ordinance, the Board finds that it is reasonable based upon the location of the site in that it will maximize visibility.

12. The applicant has complied with the requirements of the Site Plan Ordinance and the Overall Development Plan for this property constitutes a substantial upgrading of the Kennedy Mall and it consistent with the intent and purpose of the Municipal Development Ordinance. Accordingly, the Board finds that the relief requested can be granted without substantial detriment to the public good and will not substantially impair the intent and purpose of the Township Zoning Ordinance or Master Plan.

13. Applicant is to re-stripe entire parking area in the mall.

NOW, THEREFORE, BE IT RESOLVED by the Brick Township Planning Board on this 8th day of May, 1996 that this application be approved subject to the following conditions:

1. The applicant shall comply with all standard Planning Board conditions for site plan approval as set forth in Attachment "A."

2. The applicant shall comply with all representations and agreements made by the applicant or its attorney during the presentation of this case.

3. The applicant shall comply with all terms and conditions proposed in the report of Michael P. Fowler dated

April 24, 1996, except as follows:

Item IV.B. The applicant will provide landscaping in lieu of the berm.

Item IV.C. The applicant shall provide a 12 ft. setback between the Hooper Avenue right-of-way and the seven (7) parking stalls proposed perpendicular to Hooper Avenue, in that twelve (12) ft. currently exists.

Item IV.E. The applicant will be allowed a sign of 100 sq.ft.

Item IV.H. The applicant will provide two (2) parking stalls, all of a portion of which are within the site triangle easement and same are permitted in that it does not represent a safety hazard.

Item IV.I. The applicant shall provide shade trees along the property frontage adjacent to the proposed restaurant.

Item IV.K. The applicant will landscape on three (3) sides of the trash enclosure.

Item IV.L. The applicant will provide three (3) handicap parking stalls.

Item V.B. The applicant will realign the center ingress, egress drive within the driveway or aisle within the parking area in a manner to be agreed upon by the Township Engineer, the Planning Board Planner, and the applicant's Engineer.

Item V.F. The trash enclosure existing in the northwest corner of the mall site will be removed.

RESOLUTION R-32-96

PAGE 5

CASE NO. 2188-APFSP-V-2/96

May 8, 1996

Item V.J. Previously approved mall sign fronting on Hooper Avenue will be reduced by 100 sq.ft. and shall be 25 ft. high, and said sign shall be 15 ft. from the right-of-way.

4. The applicant shall comply with all terms and conditions proposed in the report of Lynch, Giuliano & Associates dated April 10, 1996, except as follows:

Item 15. The applicant shall not be allowed any exterior dining.

Item 18. There is no drainage on the applicant's site.

Item E.1. on page 5, the applicant is to provide 18% landscaping, 12% building, and 70% pavement with 52,000 sq.ft. disturbed. The 18% landscaping requires a variance which is granted and deemed to be reasonable based upon the fact that the condition is currently existing.

5. The applicant shall comply with all conditions proposed in the report of the Traffic Safety Officer dated March 21, 1996.

6. The applicant shall comply with all conditions proposed in the report of the Bureau of Fire Safety dated March 27, 1996.

RESOLUTION R-32-96

PAGE 8

CASE NO. 2188-APFSP-V-2/96

May 8, 1996

applicant shall furnish the Township Clerk with a cash bond and performance guarantee in an amount to be determined by the Township Engineer.

7. Applicant shall post an inspection fund with the Township Clerk in an amount to be determined by the Township Engineer.

8. No soil shall be removed from the site without the written approval of the Township Council.

9. The applicant shall comply with all provisions and pay all fees established under Article VB (Mandatory Development Fees) of Chapter 190 of the Code of the Township of Brick.

BRICK TOWNSHIP PLANNING BOARD

AMENDED PRELIMINARY AND FINAL SITE PLAN APPROVAL
WITH VARIANCES AND DESIGN WAIVERS

RESOLUTION R-43-96

PAGE 1

CASE NO. PB-2188-APFSP-V-2/96

July 11, 1996

WHEREAS, Outback Steakhouse of Florida, Inc. having a mailing address of 550 N. Reo Street, Tampa, Florida 33609, received preliminary and final site plan approval with variances and design waivers to construct a 6115 square foot Outback Restaurant on an out parcel which is contained within the Kennedy Mall Shopping Center at Block 670, Lots 4, 5, 8, 23 and 25 as designated on the Brick Township Municipal Tax Map; and

WHEREAS, said approval was memorialized by the Brick Township Planning Board in Resolution # R-32-96 adopted on May 8, 1996 at a public hearing of said Planning Board; and

WHEREAS, said approval granted a variance to the applicant to construct a third freestanding sign on the subject property. Said sign was to contain 100 square feet; and

WHEREAS, said variance for the sign was based in part upon the agreement of the owner of the Kennedy Mall Shopping Center to reduce the size of a separate previously approved freestanding sign from 130 square feet (per sign face) to 80 square feet (per sign face) and also to reduce the height of the previously approved sign from 35 feet to 25 feet; and

WHEREAS, the applicant now seeks an amendment to said approval to reduce the size of said third freestanding sign from 100 square feet to 30 square feet and to increase the size of the separate previously approved freestanding sign from 80 square feet (per sign face) to 100 square feet (per sign face); and

WHEREAS, the Board considered this request on July 2,

maps signed 7-31-96

*Title - 2
Outback
Francone
Representing
Lord
Lunley
Bledy
Eng - 2
Zoning
B.F.S.*

RESOLUTION R-43-96

PAGE 2

CASE NO. PB-2188-APFSP-V-2/96

July 11, 1996

1996 at its executive caucus session at which time testimony and exhibits were present on behalf of the applicant; and

WHEREAS, the Board makes the following factual findings and findings of law:

1. The proposed reduction of the third freestanding sign from 100 feet to 30 feet is substantial and brings said sign into conformance with the maximum sign area requirement of the Brick Township Ordinance.

2. The proposed increase of the previously approved freestanding sign from 80 square feet (per sign face) to 100 square feet (per sign face) is reasonable in light of the fact that the overall combined signage of the two signs is being reduced by a total of 30 square feet.

3. The applicant does not propose any other changes in terms of the location and height of the signs as was previously approved by this Board.

4. This amendment can be granted without any substantial detriment to the Brick Township Zoning Ordinance and/or Master Plan or to the general welfare.

5. This amendment can be granted without any further public hearing since the proposed amendment actually reduces the degree of the variances previously granted by this Board and no additional variance relief is sought by the applicant.

NOW, THEREFORE, BE IT RESOLVED by the Brick Township Planning Board on this 11th day of July, 1996 that this amended application be approved subject to the following conditions:

1. The applicant shall otherwise comply with all terms and conditions set forth in Resolution R-32-96 approved by

RESOLUTION R-43-96

PAGE 3

CASE NO. PB-2188-APFSP-V-2/96

July 11, 1996

this Board on May 8, 1996; said Resolution being incorporated herein by reference.

2. The applicant shall comply with all representations and agreements made by the applicant or its attorney during the presentation of this case.

RESOLUTION: R-43-96

Page 4

CASE NO. PB-2188-APFSP-V-2/96

July 11, 1996

MOVED BY Mr. Scherer

SECONDED BY: Councilman Cantillo

VOTING IN THE AFFIRMATIVE: Councilman Cantillo Mrs. Fox
Mr. Reo Mr. Bruno Mr. Aiello Mr. Scherer

VOTING IN THE NEGATIVE: _____

INELIGIBLE TO VOTE: _____

ABSTAINING: _____

ABSENT: Mr. Heidrick Mrs. LaDuke Mr. Petoia Mr. Underwood

CERTIFICATION

I, E. Joan Kull, Clerk of the Planning Board of the Township of Brick, County of Ocean, State of New Jersey, do hereby certify that the foregoing resolution was duly ADOPTED by the said Planning Board of the Township of Brick at a regular meeting held on the 11th day of July, 1996.

IN WITNESS WHEREOF, I have set my hand this 16th day of July, 1996.

E. Joan Kull
E. JOAN KULL

RESOLUTION R-43-96

PAGE 6

CASE NO. PB-2188-APFSP-V-2/96

July 11, 1996

applicant shall furnish the Township Clerk with a cash bond and performance guarantee in an amount to be determined by the Township Engineer.

7. Applicant shall post an inspection fund with the Township Clerk in an amount to be determined by the Township Engineer.

8. No soil shall be removed from the site without the written approval of the Township Council.

9. The applicant shall comply with all provisions and pay all fees established under Article VB (Mandatory Development Fees) of Chapter 190 of the Code of the Township of Brick.