

COMMERCIAL CONSTRUCTION PERMIT APPLICATION

#6,000
called
4/24/87
N/A

I. IDENTIFICATION

1. Proposed Work at: Forbes Liquor Store
2. Owner Name: Arthur Eros Tel. (201) 477-4100
Address 100 Brick Plaza Bricktown
3. Principal Contractor: Craig Stewart Contracting Tel. (201) 542-6054
Address 284 Wall St. EATONTOWN, N.J.
- Lic. No. or Builder Reg. No. _____ Federal Emp. No. _____
4. Architect or Engineer: _____ Tel. (____) _____
Address _____
5. Responsible Person in Charge of Work _____ Tel. (____) _____

II. PROPOSED WORK

A. TYPE OF WORK

1. ☐ Minor Work (Single Trade)
2. ☐ Small Job (\$5,000 and no Prior Approvals)
Complete only II.B., III and IV.A. and Page 2
3. ☐ New Building
4. ☐ Addition
5. ☐ Alteration
6. ☒ Repair, Replacement
7. ☐ Demolition
8. ☐ Other: Roof Truss

B. CATEGORIES OF WORK

Permit/Category	Estimated
1. ☐ Building/Structural	\$ _____
2. ☐ Plumbing	_____
3. ☐ Electrical	_____
4. ☐ Fire Protection	_____
5. ☐ Other _____	_____
6. ☐ Other _____	_____
TOTAL COST	\$ <u>6,000.00</u>

C. DO YOU WANT:

1. ☐ Partial Releases 2. ☐ Prototype Processing

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

1. ☐ Elevators/Dumbwaiters
2. ☐ High-Pressure Boilers
3. ☐ Refrigeration Systems
4. ☐ Pressure Vessels
5. ☐ Hazardous Uses/Places of Assembly
6. ☐ Cross-connections/Backflow Preventors
7. ☐ Sprinklers
8. ☐ Smoke Control Systems in Open Wells

III. DESCRIPTION OF BUILDING USE (USE GROUPS)

A. RESIDENTIAL

1. ☐ Hotels (R-1) If new construction, enter no. of dwelling units _____
2. ☐ Multi-Family (R-2) HMD Reg. No.: _____
If other than new construction, enter no. of dwelling units: _____
3. ☐ Two Family (R-3b) Before Construction: _____
4. ☐ One-Family (R-3a) After Construction: _____
Net Gain (or loss): _____

B. NON-RESIDENTIAL

5. ☐ Theatres with Stage (A-1-A)
6. ☐ Movie Theatres (A-1-B)
7. ☐ Night Clubs (A-2)
8. ☐ Restaurants, Libraries, Museums (A-3)
9. ☐ Religious Assembly (A-4)
10. ☐ Outdoor Assembly (A-5)
11. ☒ Business (B)
12. ☐ Educational (E)
13. ☐ Moderate-Hazard Factory (F-1)
14. ☐ Low-Hazard Factory (F-2)
15. ☐ High-Hazard (H)
16. ☐ Institutional Detention Center (I-1)
17. ☐ Hospitals, Infirmeries (I-2)
18. ☐ Group Homes (I-3)
19. ☐ Mercantile (M)
20. ☐ Moderate-Hazard Warehouse (S-1)
21. ☐ Low-Hazard Warehouse (S-2)
22. ☐ Temporary, Misc. (U)
23. ☐ Other _____

State Specific Use: Liquor Store

If Change in Use Group, Indicate Former: _____

IV. BUILDING CHARACTERISTICS

A. OWNERSHIP

1. ☐ Private (Individual, Corp., Non-profit Inst., Etc.)
2. ☐ Public (State, County or Local Govt.)

B. HEATING FUEL

Principal	Secondary	Type
3. ☐	☐	Gas
4. ☐	☐	Oil
5. ☐	☐	Electric
6. ☐	☐	Solid (Wood, Coal, Etc.)
7. ☐	☐	Propane
8. ☐	☐	Solar
9. ☐	☐	Other _____

C. TYPE OF SEWAGE DISPOSAL

10. ☐ Public or Private Company
11. ☐ Private (Septic Tank, Etc.)

D. TYPE OF WATER SUPPLY

12. ☐ Public or Private Company
13. ☐ Private (Well, Etc.)

E. BUILDING CHARACTERISTICS

14. No. of Stories _____
15. Height of Structure _____ Ft.
16. Area—Largest Floor _____ Sq. Ft.
17. Bldg. Area—All Fls. _____ Sq. Ft.
18. Volume of Structure _____ Cu. Ft.
19. Total Land Area Disturbed _____ Sq. Ft.

LDS BR 10207059

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION

I hereby certify that I am the owner of the property listed on Page 1. This dwelling is to be occupied by myself and is not to be used for any purpose, other than single family residential use.

A. ☐ I further certify that I prepared the plans submitted. This statement is made in accordance with the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(e)vii.

B. ☒ I further certify that I will perform the work below.

B1. ☒ Building

B2. ☐ Electrical

B3. ☐ Plumbing

C. ☐ I further certify that a new home will be constructed on this property, for my use and occupancy. I attest that all design, construction, plumbing, or electrical work will be done by me or by subcontractors under my supervision, in accordance with all applicable laws; and further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.A.C. 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.

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

SIGNATURE

Craig Stewart

DATE

4/22/87

II. AGENT SECTION

I hereby certify that the work is authorized by the owner of record and I have been authorized by the owner to make this application as his agent.

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

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

☒ Check if contractor.

AGENT NAME

Craig Stewart

TEL. (201)

542-6054

ADDRESS

284 WALL ST.

EATONTOWN, N.J. 07724

SIGNATURE

Craig Stewart

2 BLOCK NO. 671
LOT NO. 8
SUBDIVISION _____
PERMIT NO. 10765

PRIOR APPROVALS CHECKLIST

[illegible]

SUBCODES AND SPECIAL REGULATIONS APPLICABLE:

EDITION OF CODE		EDITION OF CODE	
☐ One and Two Family Dwellings	_____	☐ Mechanical	_____
☐ Building	_____	☐ Energy	_____
☐ Electrical	_____	☐ Barrier Free	_____
☐ Plumbing	_____	☐ Other	_____
☐ Fire Protection	_____		_____
		☐ Flood Hazard	_____
		☐ As Built Elevation Certification	_____
		☐ Other	_____

PERMIT CONTROL

I. PLAN REVIEW STATUS

Updated at time of receipt of drawings and when plans are approved.

- ☐ PARTIAL RELEASES
☐ PROTOTYPE PLAN - FILE LOCATION AND NO. _____

Plan Review Required	Type of Work	Plans Received By Date	Receiver	Approval Date	Reviewer	Comments
☒	BUILDING			4/23/97	WS	
	Footings/Foundations					
	Framing					
	Architectural 2			4/21/97	JIC	
	Other _____					
☐	PLUMBING					
☐	ELECTRICAL					
☐	FIRE PROTECTION					
☐	OTHER _____					

II. PERMIT/INSPECTION STATUS

Updated at time of permit and after final approvals.

Issue Date	Category	Revisions	Final Inspection	Comments
	ALL CONSTRUCTION			
	BUILDING		4-23-97	WS
	Footings/Foundations			
	Framing			
	Architectural			
	Other _____			
	PLUMBING			
	ELECTRICAL			
	FIRE PROTECTION			
	OTHER _____			

III. CERTIFICATES ISSUED

CERTIFICATES TO BE ISSUED:	Date Issued
☐ Temporary Certificate of Occupancy Date Expired _____	_____
☐ Temporary Certificate of Occupancy Date Expired _____	_____
☐ Certificate of Occupancy No. _____	_____
☐ Certificate of Continued Occupancy No. _____	_____
☐ Certificate of Approval No. _____	_____
☐ None	_____

IV. ON-GOING INSPECTIONS

On-going Inspections Required (See Page 1, II.D.)	Date Posted to Log and Tickler

V. FEE SUMMARY

Initial fee collection recorded in A; all others in section B.

A. COLLECTED AT TIME OF CONSTRUCTION PERMIT ISSUANCE

	AMOUNT
BUILDING	\$ 45.00
PLUMBING	0.00
ELECTRICAL	0.00
FIRE PROTECTION	0.00
OTHER	0.00
SUBTOTAL	\$ 45.00
- LESS: 20% of subtotal (when plan review performed by state agency).	
	(9.00)
D.C.A. TRAINING FEE .0006 x _____	20.00
CERTIFICATE OF OCCUPANCY	0.00
OTHER	0.00
OTHER	0.00
TOTAL COLLECTED WHEN PERMIT ISSUED	\$ 45.00
DATE _____	Collected By _____

B. COLLECTED AFTER CONSTRUCTION PERMIT ISSUANCE

	Date	Collected By	AMOUNT
CERTIFICATE OF OCCUPANCY			0.00
OTHER			0.00
OTHER			0.00
- LESS: Refunds			(0.00)
TOTAL COLLECTED AFTER PERMIT ISSUED			\$ 0.00

C. TOTAL CONSTRUCTION FEES COLLECTED

	AMOUNT
COLLECTED WITH PERMIT (VA)	\$ 45.00
COLLECTED AFTER PERMIT (VB)	0.00
TOTAL	\$ 45.00



BUILDING SUBCODE TECHNICAL SECTION



PERMIT NO. 10265
DATE ISSUED 5-6-87
REVISION DATE _____
Block 627 Lot 8
Subdivision _____

A. IDENTIFICATION

APPLICANT - Complete unshaded areas only When changing contractors, notify this office

Owner Arthur Effio's Contractor Chap Stewart Corp., Inc.
Address 100 Brick ~~Point~~ Plaza Address 184 WATL ST.
BRICKTOWN
Tel. (201) 477-4100 Tel. (201) 592-6054
Work Site Address Forbes liquor store Lic. No. _____
Federal Emp. No. _____

CERTIFICATION IN LIEU OF OATH:
(Complete for Minor Work and Small Job Only)
I hereby certify that the proposed work is authorized by the owner of record and I have been authorized by the owner to make this application as his agent.
Chap Stewart
AGENT SIGNATURE

B. TECHNICAL SITE DATA

DESCRIPTION OF WORK
Give detail description including materials used, dimensions, etc.

Replace roof Truss

- TYPE OF WORK:
- ☐ New Building
☐ Addition
☐ Alteration/Renovation
☐ Roofing
☐ Siding
☒ Other Roof Truss
☐ Demolition
☐ Miscellaneous
☐ Fence
☐ Sign
☐ Pool
☐ Elevator
☐ Other _____

☒ See Plans

C. BUILDING CHARACTERISTICS

USE GROUP: _____ Present _____ Proposed _____

No. of Stories 1 Total Building Area-All Floors 3000 Sq. Ft.
Height of Structure 21 Ft. Volume of Structure _____ Cu. Ft.
Area-Largest Floor 3000 Sq. Ft. Total Land Area Disturbed _____ Sq. Ft.
Estimated Cost of Building Work: \$ 6000.00

D. COMMENTS

Minimum Building Fee (if applicable) \$ _____
Total Building Fee (Greater of Minimum or Subtotal) \$ _____

SUBTOTAL \$ _____

Fee Basis

Fee

☐ Partial Releases ☐ Prototype Processing

PLAN REVIEW AND INSPECTION — BUILDING

DATE

JOB CONDITION/COMMENTS

Fire Grading:

Maximum Live Load:

Maximum Occupancy Load:

JOB SUMMARY

PLAN REVIEW

☐ No Plans Required
☒ All
☐ Footing/Foundation
☐ Frame
☐ Architectural
☐ Other

Date

Initials

4-23-87 WS.

INSPECTIONS FINAL

☐ CO
 ☐ CCO
 ☐ CA

Date: 4-23-87

Inspected By: WS

INSPECTIONS

Type

☐ Footing/Foundation
☐ Slab
☐ Frame
☐ Architectural
☐ Insulation
☐ Finishes
☐ Energy
☐ Mechanical
☐ TCO
☐ Other

Failure Dates

Approval Date

Pravin H. Patel Associates, Inc.

Consulting Engineers

April 16, 1987

Mr. Craig Stewart
Craig Stewart Contracting
284 Wall Street
Eatontown, NJ 07724

Ref: Structural Roof Repairs at Forbes Liquor Store, Brick Plaza, Brick Town, NJ; Our Project No. 8700M.29

Dear Mr. Stewart:

In accordance with your authorization we have reviewed the referenced item for its adequacy. This letter summarizes our findings.

Purpose: The purpose of this report is to evaluate the structural adequacy of the beam installed in lieu of the existing roof truss.

Background: Forbes Liquor store is a storefront building located in the Brick Plaza Shopping Center in Brick Town, New Jersey. The store is approximately 80 ft. deep from front to back and approximately 60 feet wide. On either side (on the east and west direction) there are other stores. The framing consists of 2 X 12 roof joists spaced at 2 ft. on center with a span of 20 ft. The roof joists span from front to back (in the north/south direction). Intermediate support for the joists is provided by a combination of girders and trusses spaced at 20 ft. on center. Front and back walls appear to be the bearing walls. For the intermediate support, the center 30 ft. span consists of a wood truss supported by a steel beam on either side of the truss. Existing trusses are approximately 5 ft. deep. The center truss was replaced, as sagging of the truss was evidenced. It is our understanding that all repair work was performed by you.

Renovations: The center truss as noted above was replaced. The repair work performed consists of installing three 1-3/4" x 14" deep (nominal) micro-lam beams approximately at the bottom cord level of the existing trusses. A 2 x 6 wood plate has been installed on top of these micro-lam beams. Double 2 x 6 plates have been installed on the underside of the existing 2 x 12 roof rafters. 2 x 6 posts have been constructed under each roof rafter from the underside

Mr. Craig Stewart
Craig Stewart Contracting
284 Wall Street
Eatontown, NJ 07724
Ref: Structural Roof Repairs at Forbes Liquor Store, Brick
Plaza, Brick Town, NJ; Our Project No. 8700M.29
April 16, 1987
Page Two

of the double plate to the top of the micro-lam beam. 5/8" diameter bolts at 2 ft. on center (staggered) have been used to flitch the micro-lams together. A steel lolly column has been installed at a distance of approximately 14'-8" from the westerly end of the store. Micro-lams are continuous for the entire length.

The attached sketch shows the framing layout that is described in this report.

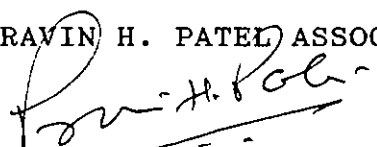
This report addresses the adequacy of the micro-lam beams (or girder) as noted above. If a snow load of 40#/s.f. is used in the analysis along with a 30#/s.f. dead load allowance, a total load of 70#/s.f. is derived. This will result in a reaction on the micro-lam beam of approximately 1,400#/ln. ft. From the micro-lam beam catalog it can be evidenced that a single micro-lam is capable of carrying 482#/ln. ft. load. Thus, the total capacity of the microlam girders is approximately 1,446#/ln. ft.

Conclusion: Based on the above, it is the opinion of this office that the micro-lam girder installed in lieu of the existing center truss at the referenced location is adequate for carrying the structural load imposed on it.

This office has been pleased to provide these services. If there are any further questions, please do not hesitate to contact us.

Very truly yours,

PRAVIN H. PATEL ASSOCIATES, INC.


Pravin H. Patel, P.E.

Attachments
PP/jk

315 Ashford Road
Toms River, NJ 08753
(201) 370-2333
(201) 349-0360

Pravin H. Patel Associates, Inc.

Consulting Engineers

April 16, 1987

Mr. Craig Stewart
Craig Stewart Contracting
284 Wall Street
Eatontown, NJ 07724

Ref: Structural Roof Repairs at Forbes Liquor Store, Brick
Plaza, Brick Town, NJ; Our Project No. 8700M.29; Our
Invoice No. 04-M.29-FL.09

For Professional Services Rendered:

Evaluation and recommendations regarding adequacy of
trusses, girders and beams.....\$600.00

ONE - 1" x 9"						
SPAN	DEFLECTION			ALLOWABLE TOTAL LOAD		
	L/180	L/240	L/360	100% 1000	115% 1150	125% 1250
6	2707	2030	1353	1401	1611	1751
7	1805	1354	903	1029	1184	1286
8	1258	943	629	788	906	985
9	908	681	454	623	716	778
10	676	507	338	504	580	630
11	516	387	258	417	479	521
12	402	301	201	350	403	438
13	319	239	160	298	343	373
14	257	193	129	257	296	322
15	211	158	105	224	258	280
16	174	131	87	197	227	246
17	146	109	73	174	201	218
18	123	93	62	156	179	195
19	105	79	53	140	161	175
20	90	68	45	126	145	158
21	78	59	39	114	132	143
22	68	51	34	104	120	130
23	60	45	30	95	110	119
24	53	40	26	88	101	109
25	47	35	23	81	93	101
26	42	31	21	75	86	93
27	37	28	19	69	80	86
28	33	25	17	64	74	80
29	30	23	15	60	69	75
30	27	20	14	56	64	70

ONE - 1" x 11"						
SPAN	DEFLECTION			ALLOWABLE TOTAL LOAD		
	L/180	L/240	L/360	100% 1000	115% 1150	125% 1250
6	4725	3544	2363	1964	2259	2455
7	3228	2421	1614	1569	1804	1961
8	2289	1716	1144	1201	1381	1501
9	1674	1256	837	949	1091	1186
10	1258	943	629	769	884	961
11	967	725	484	635	731	794
12	758	569	379	534	614	667
13	605	454	302	455	523	569
14	490	367	245	392	451	490
15	402	301	201	342	393	427
16	334	250	167	300	345	375
17	280	210	140	266	306	332
18	237	178	119	237	273	297
19	203	152	101	213	245	266
20	174	131	87	192	221	240
21	151	113	78	174	200	218
22	132	99	66	159	183	199
23	116	87	58	145	167	182
24	102	77	51	133	153	167
25	90	68	45	123	141	154
26	81	60	40	114	131	142
27	72	54	36	105	121	132
28	65	49	32	98	113	123
29	58	44	29	91	105	114
30	53	40	26	85	98	107

ONE - 1" x 14"						
SPAN	DEFLECTION			ALLOWABLE TOTAL LOAD		
	L/180	L/240	L/360	100% 1000	115% 1150	125% 1250
6	6945	5209	3473	2539	2920	3174
7	4846	3634	2423	1995	2294	2494
8	3491	2618	1746	1639	1885	2049
9	2586	1939	1293	1295	1489	1619
10	1961	1471	981	1049	1206	1311
11	1519	1139	760	867	997	1084
12	1198	899	599	728	838	911
13	961	720	480	621	714	776
14	781	586	390	535	615	669
15	643	482	321	466	536	583
16	535	401	268	410	471	512
17	450	338	225	363	417	454
18	382	286	191	324	372	405
19	327	245	163	291	334	363
20	282	211	141	262	302	328
21	244	183	122	238	274	297
22	213	160	107	217	249	271
23	187	141	94	198	228	248
24	166	124	83	182	209	228
25	147	110	73	168	193	210
26	131	98	65	155	178	194
27	117	88	59	144	165	180
28	105	79	53	134	154	167
29	95	71	47	125	143	156
30	86	64	43	117	134	146

ONE - 1" x 16" (1)						
SPAN	DEFLECTION			ALLOWABLE TOTAL LOAD		
	L/180	L/240	L/360	100% 1000	115% 1150	125% 1250
6	9319	6989	4660	3192	3671	3990
7	6627	4970	3313	2455	2824	3069
8	4846	3634	2423	1995	2294	2494
9	3631	2724	1816	1687	1917	2083
10	2780	2085	1390	1350	1552	1687
11	2170	1627	1085	1116	1283	1395
12	1722	1291	861	937	1078	1172
13	1387	1040	694	799	919	998
14	1132	849	568	689	792	861
15	935	701	468	600	690	750
16	781	586	390	527	606	659
17	658	494	329	467	537	584
18	560	420	280	417	479	521
19	480	360	240	374	430	467
20	414	311	207	337	388	422
21	360	270	180	306	352	383
22	315	236	157	279	321	349
23	277	207	138	255	293	319
24	244	183	122	234	270	293
25	217	163	109	216	248	270
26	194	145	97	200	230	250
27	173	130	87	185	213	231
28	156	117	78	172	198	215
29	141	105	70	161	185	201
30	127	95	64	150	172	187

ONE - 1" x 18" (1)						
SPAN	DEFLECTION			ALLOWABLE TOTAL LOAD		
	L/180	L/240	L/360	100% 1000	115% 1150	125% 1250
6	8929	6627	4308	2993	3441	3741
7	6392	4794	3196	2394	2763	2993
8	4846	3634	2423	1995	2294	2494
9	3746	2809	1873	1686	1939	2108
10	2945	2209	1473	1394	1603	1742
11	2352	1764	1176	1171	1347	1484
12	1905	1428	952	998	1147	1247
13	1561	1171	781	860	989	1075
14	1294	971	647	749	862	937
15	1084	813	542	659	758	823
16	916	687	458	583	671	729
17	781	586	390	520	599	651
18	671	503	335	467	537	584
19	580	435	290	422	485	527
20	505	379	252	382	440	478
21	442	331	221	348	401	436
22	389	292	194	319	367	398
23	344	258	172	293	337	366
24	306	229	153	270	310	337
25	273	205	136	249	287	312
26	244	183	122	231	266	289
27	220	165	110	215	247	269
28	198	149	99	201	231	251
29	180	135	90	187	215	234

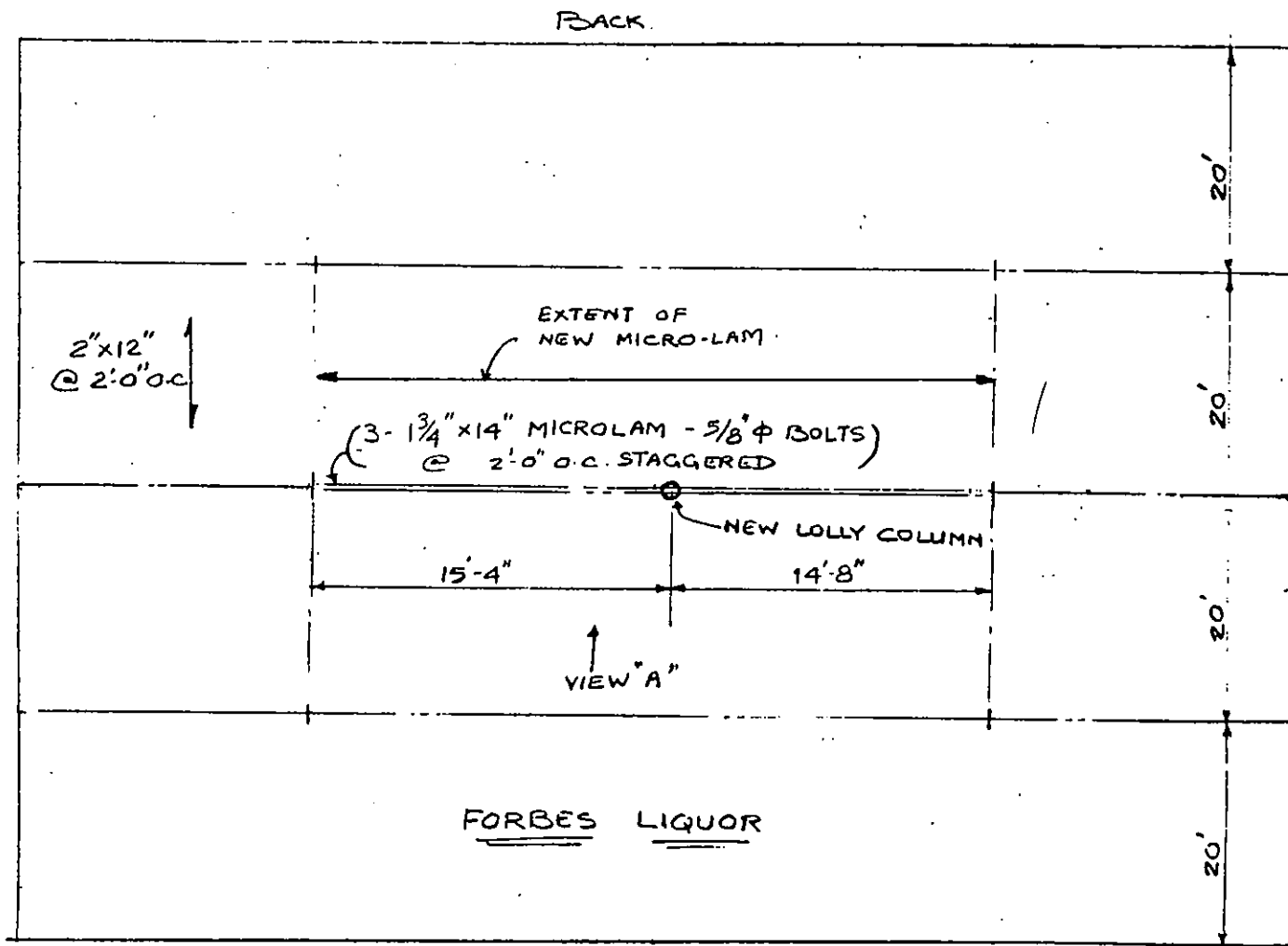
Note:

- Check tables for deflection and allowable load. Do not exceed allowable load.
- Sizes shown are standard widths and depths. Other sizes are available. Check with your Trus Joist Representative.
- This table is based on uniform loads and simple spans.
- Table is for one beam. When top loaded, double the values for 2 beams, triple for 3, etc., when properly fastened together with a minimum of 2 rows of 16d nails per foot.
- MICRO=LAM lumber beams are made without camber; therefore, in addition to complying with the deflection limits of the local building code, other deflection considerations should be evaluated, such as ponding (positive drainage is essential) and aesthetics.
- Roof members should either be sloped for drainage or designed to account for load and deflection as specified in the Building Code.
- Assumes continuous lateral support.

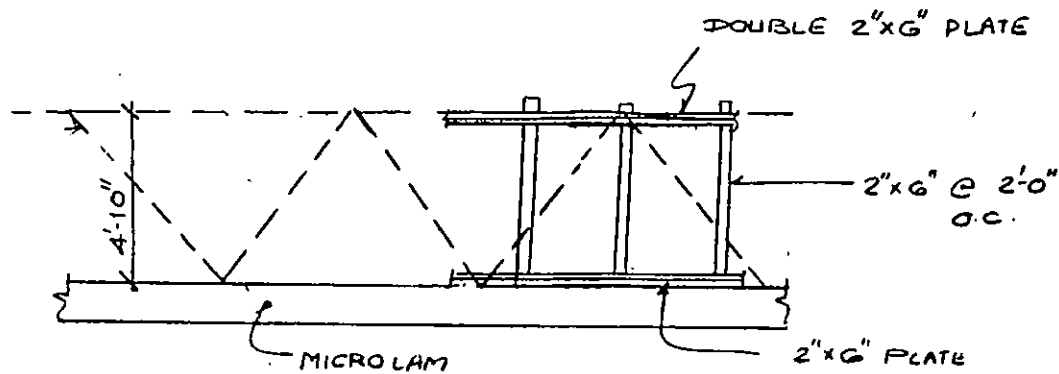
(1) 16" and 18" deep beams are to be used in multiple member units only.

SIDE
STORES
←

↑
N



FRONT



VIEW "A"

PRAVIN H. PATEL ASSOC. INC.
P.O. BOX. 5174, TOMS RIVER, N.J.

FORBES LIQUOR STORE

BRICK PLAZA,
BRICK TOWN, N.J.

APRIL 1997